Klamath Community College
Cosmetology Center

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Klamath Falls, OR 97603



ADDENDUM NO. 2
April 9, 2026

CLARIFICATIONS: To the Construction Documents
PART 1: Revisions to the Project Manual
PART 2: Revisions to the Working Drawings
PART 3: Substitution Approvals

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CLARIFICATIONS: TO THE CONSTRUCTION DOCUMENTS

1. Clarification regarding window sizes and configurations:
    a. Vinyl window configurations and sizes have been adjusted - see revised sheets A3.01, and A8.02. Window type B1 is "butt-glazed" interior glazing - clear glazing set in a top and bottom aluminum track, with silicone beads at the vertical joints.
2. Clarification regarding finish flooring in Mechanical Mezzanine
    a. LVT flooring is to be used instead of VCT flooring at Mechanical Mezzanine. LVT flooring has been added to Finish Material Legend on A9.01 and Specification section 09 6500 Resilient Flooring
3. Clarification regarding Membrane Roof products:
    a. TPO or PVC can be used as the membrane roofing material. See Specification revisions in Section 07 5000 Membrane Roofs and Revised Sheet A3.01 Revise Exterior Finish Legend on A3.01 to clarify that the membrane roofing is permitted to be TPO or PVC."
4. Clarifications regarding sole sourcing for project:
    a. Doors & Hardware to be sourced from Bell Hardware
    b. Basin Telecom / Basin Alarm to be sole source for Access Control (DSX), Fire Alarm, Burglar Alarm, LV Wiring
    c. Audio Video Interiors to be sole source for Security Camera System
    d. Eco-Solar to be sole source for PV System
5. Mandatory Pre-bid conference sign-in sheet (provided following “Clarifications” section

PART 1: REVISIONS TO THE PROJECT MANUAL

Note – Revisions are in italics, deletions have a strikethrough.

1. Specification Section 04 2200 Concrete Unit Masonry
    a. Section 042200-2.3C
        i. Added section 2.3C-2 – Add notes about linear shrinkage thresholds
        ii. Added section 2.3C-3 – Add notes about minimum compressive strength of assemblies
    b. Section 042200-2.5A
        i. Added verbiage to Section 2.5A – Add notes about uncoated steel reinforcement bars
    c. Section 042200-2.7B-1
        i. Updated masonry mortar type and strength specification.

2. Specification section 07 5000 – Membrane Roofs
    a. Revise to clarify that either TPO or PVC can be used as the membrane roofing material. Revise Exterior Finish Legend on A3.01 to clarify that the membrane roofing is permitted to be TPO or PVC.

3. Specification Section 09 2216 Gypsum Board Assemblies
    a. Revise gypsum board product for interior ceiling assemblies: Revise to be ½” thick, lightweight gypsum board. Add lightweight gypsum board product requirements to be 20 percent lighter than a regular panel of same thickness.

4. Specification Section 09 6500 Resilient Flooring
    a. Revise RT-3 resilient flooring to be LVT flooring. Remove VCT flooring from specifications.
    b. Revise the resilient accessories: Revise manufacturer and color information; add T-Molding product information.

5. Specification Section 09 9000 Painting and Coating
    a. Add Wallcovering and Wall and Door Protection specification sections to the Related Requirements.
    b. Revise paint system PS-1B to clarify that it will be used on walls and ceilings.
    c. Add PS-1C wallcovering primer product information to the Interior Painting Schedule section for walls to receive wallcovering.
    d. Add “Bid Alternate” to PS-7 paint system in the Exterior Painting Schedule section to clarify that painted fiber cement siding will be a bid alternate.

e. Add exterior stain product to the Exterior Painting Schedule for exterior beams and columns.

6. Specification Section 10 2123 Cubicle Curtain and Tracks
    a. Revise curtain track manufacturer.
    b. Revise curtain track support dimensions.
    c. Revise curtain track carrier information.
    d. Add ADA curtain wand information.
    e. Add grommet to curtain product information.
    f. Revise curtain fabrication information for 20% fullness.

7. Specification Section 10 2600 Wall and Door Protection
    a. Add requirements for primer prior to wall protection installation to Installation section.

PART 2: REVISIONS TO THE WORKING DRAWINGS

General Drawings:

1. Sheet G0.00 – COVER SHEET
    a. Add Civil sheet C6.20
    b. Revise Deduct Alt #6 language to align with specifications
    c. Add sheet A3.10 and A3.11 to drawing index
    d. Add sheet 6.20 to drawing index
    e. Add sheet A8.08 and A8.09 to drawing index

2. Sheet G0.03 – ENERGY CODE & ASSEMBLIES
    a. Revise CE4 notes and assembly to include 1-1/2\" metal hat channel furring
    b. Add assembly CE5
    c. Revise note from “Self-adhered WRB” to WRB in various locations
    d. Revise note to include information about UV Membrane at joints – 1/G0.03
    e. Revise “horizontal” metal panel note to “vertical” – 2/G0.03
    f. Revise graphics and note to “horizontal” z-furring – 2/G0.03
    g. Revise drawing to show insulation supports instead of GWB and resilient channel – 15/G0.03
    h. Revise annotation – insulation full depth of cavity – 15/G0.03
    i. Add detail callout to sound walls
    j. Add detail callout to sound wall details

Civil Drawings:

1. Sheet C0.00 – Civil Cover Sheet
    a. Alternates list revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.
    b. Signature blocks and City water contacts updated in association with City permit review (water scope only). City Master file number added to sheets related to water improvements.
    c. SHEET ADDED. C6.20 Agency Standard Details. Additional City of Klamath Falls standard drawings added in association with City review.
2. Sheet C1.00 – Demolition Plan
    a. Alternates language revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.
3. Sheet C2.10 – Site Construction Plan – Area 1
    a. Alternates language revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.
4. Sheet C2.20 – Site Construction Plan – Area 2
    a. Alternates language revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.
5. Sheet C2.30 – Site Construction Plan – Area 3
    a. Alternates language revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.
6. Sheet C3.10 – Grading and Drainage – Area 1

a. Alternates language revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.
b. New downspouts and associated storm drain piping added along the north and south faces of the building.

7. Sheet C3.20 – Grading and Drainage – Area 2
   a. Alternates language revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.
   b. New downspouts and associated storm drain piping added along the north and south faces of the building.
8. Sheet C3.30 – Grading and Drainage – Area 3
   a. Alternates language revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.
9. Sheet C4.00 – Civil Utility Plan
   a. Fire and irrigation water note language updates in association with City permit review.
   b. Small adjustment of fire water vault locations to ensure placement outside of existing City easement.
10. Sheet C5.00 – Civil Details
    a. Detail 3b/C5.00: Alternates language revised to remove ‘Add/Alt’.
11. Sheet C5.10 – Civil Details
    a. City signature block and master file number added.
12. Sheet C6.00 – Agency Standard Details
    a. City of Klamath Falls standard drawings 1-100a through 1-100e added. Agency standard detailed reordered across the C6.00 series to ensure details appear in order.
13. Sheet C6.10 – Agency Standard Details
    a. Agency standard detailed reordered across the C6.00 series to ensure details appear in order.
14. [ADDED] Sheet C6.20 – Agency Standard Details
    a. Agency standard detailed reordered across the C6.00 series to ensure details appear in order.

Landscape Drawings:

1. Sheet L1.00 – Irrigation Plan
   a. Alternates language revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.
2. Sheet L2.00 – Seeding Plan
   a. Alternates language revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.
3. Sheet L2.10 – Planting Plan
   a. Alternates language revised to remove ‘Add/Alt’. Alternates now described as ‘Alternate #X’.

Architectural Drawings:

3. Sheet A1.00 – OVERALL FLOOR PLAN – LEVEL 1
   a. Modify keynote 3
   b. Revise dimensions to Grid Line C
   c. Add detail callout at grids C @ 7 and 8
   d. Add adjustable shelving to room 219
   e. Revise casework configuration and slight wall adjustments at Collab 113
   f. Revise Hair/Texture room number to 111

4. Sheet A1.01 – OVERALL FLOOR PLAN – MECH MEZZANINE AND CLERESTORY
   a. Remove Floor Plan Keynote Legend
   b. Revise dimensions on 2/A1.01
   c. Revise window dimension in nail/esthetics theory classroom clerestory
   d. Add wall tags
   e. Revise MDF room number to 223

5. Sheet A1.10 – OVERALL DIMENSION PLAN
   a. Add Wall Tag Legend to sheet
   b. Remove Floor Plan Keynote Legend
   c. Add W1 tag at Reception/Lobby 200
   d. Revise wall dimensions at Collab 113

e. Modify columns on grid C at grids 7 & 8
f. Modify column on grid C
g. Revise Hair/Texture room number to 111
h. Revise dimension from gridline to window at GL-1
i. Revise dimension from gridline to chase wall at GL-1
j. Revise wall dimension at Nail/Esthetics Theory Door
k. Revise wall dimension at Nail/Esthetics chase wall
l. Revise dimension in Wax 216
m. Add tag for B2 window
n. Revise dimensions to Grid Line C
o. Revise window dimensions

6. Sheet A2.01 – OVERALL ROOF PLAN
a. Add keynote 6
b. Add downspouts (keynote #2)
c. Revise dimensions to Grid Line C
d. Revise rake overhang to 2'-4"
e. Revise rake overhang to 2'-4"
f. Add roof overhang and dimension at grid 4
g. Add roof overhang and dimension at grid 9
h. Add roof overhang and dimension at grid 1
i. Revise rake overhang to 2'-4"; add detail callout 1/A8.09
j. Revise rake overhang to 2'-4"; add detail callout 2/A8.09

7. Sheet A3.01 – EXTERIOR ELEVATIONS
a. Add Swisspearl manufacturer to bases of design and color to FC-1; add FC-1 Deduct Alt #6 to exterior finish legend; revise roofing to TPO
b. Add detail tags for exterior material transition details
c. Add keynote 15 to call out Snow Rails and remove keynote 9
d. Revise windows on north elevation to show operable portion
e. Add downspouts to drawings 1/A3.01 and 3/A3.01
f. Remove operable portion of storefront clerestory windows
g. Revise window dimensions and configuration on north elevation
h. Revise windows to show operable portion on south elevation

8. Sheet A3.10 – 3D AXONOMETRIC VIEWS
a. Add sheet A3.10

9. Sheet A3.11 – 3D AXONOMETRIC VIEWS
a. Add sheet A3.11

10. Sheet A4.01 – BUILDING SECTIONS
a. At section 6 add wall section callout at grid 6
b. Add detail callout 4/A8.09
c. At section 7 add wall section callout at grid 4
d. At section 5 add wall section callout at grid D
e. Add soffit callout at grid C
f. Revise MDF room number to 223
g. At section 5 add wall section callout at canopy
h. Add detail callout 3/A8.09
i. At section 3 add wall section callout at grid D
j. Revise Hair/Texture room number to 111
k. Revise extents and slope of GWB ceiling at mezzanine door

11. Sheet A4.10 – WALL SECTIONS
a. At section 5 add detail callout at fascia
b. At section 5 add detail callout at wall on grid

c. At section 5 add detail callout at sidewalk
d. At section 5 add detail tag at column base
e. At section 5 add detail callout at canopy roof beam

12. Sheet A4.11 – WALL SECTIONS
a. Add sheet A4.11

13. Sheet A5.01 – ENLARGED PLANS & ELEVATIONS
a. Add detail 8/A5.01 ceramic tile repeat
b. Add detail tag 13/A9.12
c. Add cabinet locks at various locations
d. Add detail tag 13/A9.12

14. Sheet A5.02 – ENLARGED PLANS & ELEVATIONS
a. Add keynote 38
b. Add keynote 9 to view 5A (sheet A5.02)
c. Add keynote 38
d. Add casework and remove counter brackets

15. Sheet A5.10 – INTERIOR ELEVATIONS
a. Revise keynote 7 in interior keynote schedule
b. Add interior keynote 35 for concealed shelf (6\" depth)
c. Revise interior keynote 5 to include shelf depth
d. Add keynote 37
e. Revise keynote 14 shelving from OFCI to OFOI
f. Revise keynote 29: change P-4 paint to P-6
g. Revise WP in Nail/Pedi from WP-1 to WP-4
h. Revise WP in Nail/Pedi from WP-1 to WP-4
i. Revise keynotes on view 2A (A5.10)
j. Revise keynotes on view 2B (A5.10)
k. Add detail callout at WP-2 edge on view 2C (A5.10)
l. Revise cabinet order along Salon/Cut wall and add cabinet locks
m. Add keynote 37 at various drawings

16. Sheet A5.11 – INTERIOR ELEVATIONS
a. Revise Hair/Texture room number to 111
b. Add cabinet locks at various locations
c. Add keynote 37
d. Add cabinet locks
e. Revise cabinet types at Collab 113

17. Sheet A5.12 – INTERIOR ELEVATIONS
a. Revise casework configuration types at Collab 113
b. Revise casework configuration types at Collab 113
c. Revise casework configuration types at Collab 113
d. Revise counter height
e. Add keynote 37
f. Add cabinet locks
g. Add detail tag to View 4A (A5.12)
h. Revise typical WD-3 height callout

18. Sheet A5.13 – INTERIOR ELEVATIONS
a. Add adjustable shelving to elevations 5C and 5D; add keynote 20
b. Add keynote 36
c. Add keynote 37
d. Add cabinet locks
e. Revise wall panel from WP-1 to WD-3 and revise height callout

f. Revise wall panel from WP-1 to WD-3
g. Revise wall panel from WP-1 to WD-3
h. Add keynote 36 to view 4A (A5.13)
i. Add keynote 37 at various locations

19. Sheet A6.01 – REFLECTED CEILING PLAN
a. Add General Note G to paint exposed structural steel (A6.01 Reflected Ceiling Plan)
b. Add keynote 11 to paint exposed structural steel
c. Revise extents and slope of GWB ceiling at mezzanine door
d. Add gypsum board wrap to exposed GLB
e. Add detail tags
f. Add enlarged RCP tag
g. Add callout for canopy beam detail 13/A8.10
h. Add detail callout at grid C soffit
i. Remove salon/cut ceiling tags from overall RCP (see sheet A6.02)
j. Add soffit at Collab Entry
k. Add soffit callout at Nail/Esthetics Theory and Esthetics Lab
l. Add keynote 11 to paint exposed structural steel

20. Sheet A6.02 – ENLARGED REFLECTED CEILING PLAN
a. Add sheet A6.02 and enlarged Salon RCP
b. Add CE4 panel spacing
c. Add keynote 11 to paint exposed structural steel

21. Sheet A7.01 – VERTICAL CIRCULATION
a. Add detail 4
b. Revise stair landing detail
c. Add dimension

22. Sheet A8.01 – SPECIALTY EQUIPMENT PLAN & DOOR SCHEDULE
a. Remove Fire Rated Glazing abbreviation at door schedule
b. Revise sheet references on door schedule general notes
c. Add enclosed formula island to specialty equipment schedule
d. Remove category column from specialty equipment schedule
e. Remove butt glazing window type from door legend
f. Revise door height of door 300 on door schedule
g. Revise sheet reference in door schedule general notes
h. Remove total cost column in specialty equipment schedule
i. Add towel warmers on specialty equipment floor plan
j. Add missing equipment tags at barber/color theory and hair/texture
k. Revise specialty equipment and furniture tags (general)
l. Add towel warmers

23. Sheet A8.02 – WINDOW SCHEDULES
a. Add glazing type B2
b. Revise window V2
c. Revise window V1
d. Revise window dimensions for vinyl windows
e. Remove mullions at storefront S3, S4, and S8

24. Sheet A8.03 – CASEWORK DETAILS & SCHEDULE
a. Add note to provide locks where shown on elevations
b. Add casework types BC04C and BC04D
c. Add cabinet type UC03E
d. Add casework types BC02B and BC02C
e. Add general notes to casework sheet

25. Sheet A8.04 – CASEWORK DETAILS & SCHEDULE
    a. Add detail 19 to sheet A8.04
    b. Add general notes to casework sheet
    c. Add general notes to casework sheet
    d. Revise countertop overhangs at drawings 10 & 11

26. Sheet A8.05 – CASEWORK DETAILS – RECEPTION DESK
    a. Revise material abbreviation for plam on reception desk
    b. Add 1/2\" plywood and correct SS-2 thickness
    c. Add detail 13 to sheet A8.05
    d. Add detail 14 to sheet A8.05
    e. Add detail 13/A8.05 tag
    f. Add detail 14/A8.05 callout
    g. Revise desk top dimension at reception desk – 1/A8.05

27. Sheet A8.08 – EXTERIOR DETAILS – CANOPY
    a. Revise WRB in linetype legend from “Self-adhered WRB” to WRB
    b. Add sheet

28. Sheet A8.09 – EXTERIOR DETAILS
    a. Revise WRB in linetype legend from “Self-adhered WRB” to WRB
    b. Add sheet

29. Sheet A8.10 – EXTERIOR DETAILS
    a. Revise WRB linetype legend from “Self-adhered WRB” to WRB
    b. Add detail 13/A8.10
    c. At 8/A8.10: revise note from “Self-adhered WRB” to WRB; revise metal panel corner to include rivet attachments; add SAMF flashing over fasteners at all corners
    d. Revise detail 7/A8.10 fiber cement corner details to remove mfr trim and add mfr standard UV membrane as required
    e. Revise 1/2" gap to 6" gap at finished floor
    f. Add note to extend metal flashing 6" above finished floor (detail 9/A8.10)
    g. Revise flashing height to 11" (detail 9/A8.10)
    h. Revise note to eliminate wrap insulation onto footing / remove insulation wrapping onto footing
    i. Add keynote for waterproofing cant and chamfer outside edge of footing
    j. Modify insulation at grid: add beveled plate at top plate; remove sealant cant bead
    k. Revise rake overhang to 2'-4" (detail 2/A8.10)
    l. Revise plywood strapping to include mfr UV membrane as required

30. Sheet A8.11 – EXTERIOR DETAILS – OPENINGS
    a. Revise WRB in linetype legend from “Self-adhered WRB” to WRB
    b. Revise note from “Self-adhered WRB” to WRB in various locations
    c. Revise metal panel profile in various details

31. Sheet A8.12 – EXTERIOR DETAILS
    a. Revise WRB in linetype legend from “Self-adhered WRB” to WRB
    b. Add sheet A8.12

32. Sheet A9.01 – FINISH LEGEND & SCHEDULES
    a. Revise thickness of PL-5 laminate (finish legend)
    b. Remove thickness information from solid surface products SS-1 and SS-2
    c. Revise Hair/Texture room number to 111
    d. Revise MDF room number to 223
    e. Revise CT-1 finish/color notes
    f. Add locker manufacturer and color information
    g. Revise P-4 paint type to “Not Used” (finish material legend)
    h. Add paint color information to P-6 paint type (finish material legend)

i. Revise P-4 paint locations to be P-6 (room finish schedule)
j. Add PS-6 paint type for P-6 paint locations (room finish schedule)
k. Revise CG-1 corner guard height (finish material legend)
l. Revise RT-3 resilient tile product (finish material legend)
m. Revise curtain track product information (finish material legend)
n. Revise signage plate type notes; add plate types D & E

33. Sheet A9.10 – FINISH PLAN – LEVEL 1
a. Add keynote 8 to A9.10 Finish Plan; omit wall base at ventilation pedestal
b. Add keynote 8 to A9.10 Finish Plan; omit wall base at ventilation pedestal
c. Add concrete control joints at PC locations
d. Revise Hair/Texture room number to 111
e. Revise pedicure pedestal to match floor plan
f. Revise MDF room number to 223
g. Revise RT-3 flooring material pattern and add flooring transition marker (A9.10)

34. Sheet A9.11 – INTERIOR DETAILS
a. Revise window sill: add 1/2" overhang to butt glazing – 14/A9.11
b. Update detail year references: 2014 to 2025 – 1/A9.11
c. Add RT to RT detail – 11/A9.11
d. Revise termination trim callout on detail 15/A9.11
e. Revise note to remove WD-2 in 6/A9.11

35. Sheet A9.12 – INTERIOR DETAILS
a. Add detail 6/A9.12
b. Add detail 7/A9.12
c. Add detail 9/A9.12
d. Add detail 10/A9.12
e. Add detail 11/A9.12
f. Add detail 12/A9.12
g. Add cabinet type UC03E
h. Revise detail 5 on sheet A9.12
i. Add transition trim types – 2/A9.12

Structural Drawings:

1. Sheet S0.10 – Structural General Notes
   a. Added Section A – Dead Loads to the “Design Citeria”.
   b. Removed Masonry General Notes Section

2. Sheet S0.40 – Roof Loading Diagram
   a. Added “Typ. Joist Loading Diagram at Joist Supporting Perp. Outlookers”
   b. Added note to Roof Loading Plan Notes

3. Sheet S1.10 – Foundation and Mezzanine Floor Framing Plan
   a. Shear Wall Type E Nailing changed to 3” o.c.
   b. Shear Wall Type E Panel edge stud changed to (2) 2x
   c. Exterior posts north of GL-A changed to glulam columns
   d. Steel wide flange columns on GL-C switched to HSS columns
   e. Shear Wall on GL-1 (South) changed to “B” wall
   f. Opening on GL-C.5 width changed
   g. Shear Wall on GL-C.5 (South) changed to “C” wall
   h. Detail on Stair base on GL-E.5 changed direction
   i. Wall on GL-F changed to 2x8 studs instead of 2x6
   j. Openings on GL-9 changed and were removed.

k. Shear Wall on GL-9 changed to “D” wall and holdowns increased to #2 holdowns
l. Keynotes 4 and 5 were updated.
m. Beam on GL-D.5 on 2/S1.10 shown longer

4. Sheet S2.10 – Roof Framing Plan
   a. Shear Wall Type E Nailing changed to 3” o.c.
   b. Shear Wall Type E Panel edge stud changed to (2) 2x
   c. Added additional outlooker to roof corners at GL-1/B, 1/E, 4/F, 9/F, 4/C, and 9/C
   d. Shear Wall on GL-1 (South) changed to “B” wall
   e. Shear Wall on GL-C.5 (South) changed to “C” wall
   f. HDR’s added to wall on GL-D
   g. Roof framing changes between GL-D & E from 4 to 5
   h. Wall on GL-F changed to 2x8 studs instead of 2x6
   i. Exterior Beams off of GL-A increased size
   j. Detail 4/S6.30 added to GL-4
   k. Added Keynotes 19-22 and updated structural fascia size in Keynote 14 and 15
   l. Keynote #10 Not Used

5. Sheet S4.10 – Foundation Details
   a. Detail #13 & #14 - Columns changed to glulam columns and knife plate updated for new column.

6. Sheet S4.20 – Foundation Details
   a. Detail #5 – Removed

7. Sheet S5.10 – Floor Framing Details
   a. Detail #13 – Added

8. Sheet S6.10 – Roof Framing Details
   a. Detail #1 – Changed sloped top plates to a beveled block
   b. Detail #1 – Oriented 2x full depth blocking vertical with wall
   c. Detail #1 – Updated fascia size
   d. Detail #2 – Updated fascia size
   e. Detail #3 – Updated fascia size
   f. Detail #5 – Changed sloped top plates to a beveled block
   g. Detail #6 – Changed sloped top plates to a beveled block
   h. Detail #7 – Changed sloped top plates to a beveled block
   i. Detail #8 – Changed sloped top plates to a beveled block
   j. Detail #8 – Updated fascia size
   k. Detail #11 – Updated fascia size
   l. Detail #13 – Changed sloped top plates to a beveled block
   m. Detail #13 - Updated fascia size
   n. Detail #13 – Oriented 2x full depth blocking vertical with wall
   o. Detail #14 - Bucket connection instead of knife plate connection
   p. Detail #15 – Bucket Connection instead of knife plate connection
   q. Detail #15 – Removed exterior overhang glulam beam
   r. Detail #17 – Strap moved to above the roof sheathing
   s. Detail #18 – Bucket connection instead of knife plate connection
   t. Updated general stud wall note on details

9. Sheet S6.20 – Roof Framing Details
   a. Detail #2 – Updated fascia size
   b. Detail #3 – Changed sloped top plates to a beveled block
   c. Detail #3 – Updated fascia size
   d. Detail #3 – Oriented 2x full depth blocking vertical with wall
   e. Detail #4 – Bucket Connection instead of knife plate connection
   f. Detail #4 – Removed exterior overhang glulam beam
   g. Detail #10 – Bucket Connection instead of knife plate connection

h. Detail #11 – Bucket Connection instead of knife plate connection
i. Detail #14 – Bucket Connection instead of knife plate connection
j. Detail #17 – Plate size updated for new beam size
k. Detail # 18 - Changed sloped top plates to a beveled block
l. Detail #19 – Updated fascia size
m. Updated general stud wall note on details

10. Sheet S6.30 – Roof Framing Details
    a. Detail #4 – Added

Plumbing Drawings:

1. Sheet P0.02 – Schedules – Plumbing
    a. Revised Miscellaneous Equipment Schedule and Plumbing Fixture Schedule.
2. Sheet P2.00 – Underfloor Plan – Plumbing
    a. Revised piping serving lavatories in All Gender RR 205
    b. Revised piping serving sink in Colab 113
    c. Added piping serving added shampoo bowl.
    d. Revised pipe sizes of water piping serving shampoo bowls.
    e. Added detail 6/P3.01 callout at shampoo bowls.
3. Sheet P2.01 – Overall Floor Plan – Plumbing
    a. Revised piping serving lavatories in All Gender RR 205
    b. Revised piping serving sink in Colab 113.
    c. Added TP-3 in Mech Mezzanine 181
    d. Revised S-4 callout in Classroom Shampoo 110
    e. Revised condensate drain line serving FCU-13 in Electrical 221.
4. Sheet P3.01 – Details – Plumbing
    a. Revised Water Heater detail.
    b. Added Shampoo Bowl Piping Diagram detail.

Mechanical Drawings:

1. Sheet M2.01 – Overall Floor Plan Mechanical
    a. Revised – Louver dimensions in mechanical mezzanine, to match Architectural louver sizes. Refer to 089119 for louver specifications.
    b. Revised – 14x14 supply ductwork routing from FCU-8, between gridlines 7 & 8. Shifted west by 2’-0”.
    c. Revised – Exhaust louver size in east wall, at gridline 9. Reduced size.
    d. Revised – Exhaust ductwork routing from EF-7 to fit within duct chase along west wall, at gridline 1
    e. Added – Transfer grilles/ductwork for Nail/Esthetics Theory-100 to provide make-up air for exhaust system.
    f. Revised – Location of main return air grille (RG-1) serving Nail/Esthetics Theory-100. Shifted east.
    g. Revised 12-inch diameter supply ductwork routing in Salon/Cutting-202, from FCU-6, to stop north of clerestory area between gridlines C & D.
    h. Revised – FCU-13 location to be centered above the entry door.
2. Sheet M3.01 – Details Mechanical
    a. Deleted – Detail #7 removed as there are no fire rated walls requiring fire dampers.

Electrical Drawings:

1. Sheet E0.02 – Luminaire Schedule – Electrical
    a. Revised – luminaire schedule lighting characteristics, additional luminaire types, and alternate manufacturers.
2. Sheet E2.01 – Overall Reflected Ceiling Plan - Lighting
    a. Removed sensor switch in Barber/Color Theory 109.
    b. Removed ceiling mounted sensor in Classroom storage 114.
    c. Deleted – (1) luminaire type B3 light in Vestibule 115.

d. Deleted – (1) luminaire type D1 in Toilet ADA 204, revised luminaire layout.
e. Deleted – (1) luminaire type D1 in Toilet ADA 207.
f. Deleted – (1) luminaire type Z1 in Janitor 222, revised luminaire layout.
g. Revised – luminaires type from C2 to C3 in Hair/Texture 111, Barber/Color Theory 109, and Nail/Esthetics Theory 100.
h. Added – luminaires type J1 to Hair/Texture 111, Barber/Color Theory 109, and Nail/Esthetics Theory 100.
i. Revised – luminaire lengths of type C3 in Nail/Esthetics Theory 100.
j. Revise – luminaire lengths of type F3 and F4 in Reception/Lobby 200.
k. Revise – luminaire locations and quantity of type Z1 in Mech Mezzanine 181.
l. Added – sheet keynote #4.
m. Added – luminaire type F2 to Reception/Lobby 200 and created "E2.01/6 enlarged floor plan – reception 109 – lighting".
n. Revise – sheet keynote #3.
o. Added wall diming switch and ceiling mounted sensor in Barber/Color Theory 109
p. Added switches, J1 and C3 lights in Nail/esthetics 100, Barber/Color theory 109, and Hair/texture 112.
q. Revised lobby details number from 109 to 200 to match architectural room number.

3. Sheet E3.01 – Overall Floor Plan – Power
   a. Revised – Shifted floorbox to be underneath open portion of desk in Nail/Esthetics Theory.
   b. Revised – Provided power for OFOI monitor in vestibule 115.
   c. Revised – Adjusted circuiting for outlets in Facial/Massage Esthetics.
   d. Added – Provided power for computers in Salon/Cutting.
4. Sheet E5.01 – Schedules Electrical
   a. Revised mechanical equipment schedule.
5. Sheet E5.02 – Panel Schedules - Electrical
   a. Revised panel 'P3' schedule.
6. Sheet E6.03 – Details Electrical
   a. Revised panel 'Snow' schedule.

Technology Drawings:

1. Sheet T2.01 – Overall Floor Plan Technology
   a. Deleted – Removed data outlets in Facial/Massage/Esthetics.
   b. Added – Wall phone in Wax 215.
   c. Added – Wall phone in Wax 216.
   d. Added – Wall phone in Facial/Massage Esthetics.
   e. Added – Data outlet on west wall of Salon/Cutting for computers.
   f. Revised – Shifted data outlet west into vestibule 115 for OFOI monitor.
   g. Added – Speakers to restrooms, laundry, collab

PART 3: SUBSTITUTION APPROVALS

1. Section 26 51 00 – Lighting (see attached)
   a. Type A1 – Besa Lotus – Rejected
   b. Type A2 – Lumenwerx Aera 2 Cylinder – Accepted
   c. Type A3 – Bover Folie S/60 – Rejected
   d. Type F3 – Litecontrol Cove30 – Accepted
   e. Type F4 – Litecontrol Cove30 – Accepted
   f. Type G1 – Lumenwerx MP1505 – Accepted
   g. Type SD1 – Kim Lighting UR20 Post Top – Accepted
   h. Type T2 – Solair LCM Lucie – Accepted
2. Section 08 7100 – Door Hardware
   a. Various door hardware substitutions – all rejected.
      i. Door hardware will be sole sourced from Bell Hardware.

BIDDER SHALL NOTIFY ALL SUB-BIDDERS OF THIS ADDENDUM AND SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY INSERTING THE ABOVE ADDENDUM NUMBER IN THE SPACE PROVIDED ON THE BID FORM PRIOR TO SUBMITTING BIDS. FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

ATTACHMENTS:

- See above for all Specification Sections, Drawing Sheets, and additional clarifying documents.

KCC Cosmetology – Mandatory Pre-Bid Conference

Sign In Sheet – April 2, 2026, 3pm

Name	Company	Email	Phone Number	Time of Arrival	Signature
Nethaniel Likes	Point Monitor	nethaniell@pointmonitor.com	971-271-3572	2:50 pm	
Clinton Wilhite	Diversified Contractors	Clint@DCIKF.com	541-884-1770	2:50 pm	
Sean Allen	Adroit Construction	bids @ adroitbuilt.com	541-482-4098	2:50 pm	
Mario Mastrandrea	PL Long Flooring	MarioM@PLLong.com	541-601-5414	2:50 PM	
Jared Kuck	SB James	Jaredkuck@sbjames.com	509-404-3114	2:50 PM	
Jude Marchessault	Modoc Contracting Inc	jude@modoccontracting.com	541-850-1295	2:45 PM	
Keith Hess	Wayne Maples Plumbing	Keith@maplesplumb.com	541-941-8960	2:50 PM	
Tim Konev	ATK Construction	Estimating@ATKConstructionInc.com	5039513084	3:00 PM	
Danielle Simington	Elite Excavation LLC	eliteexcllc@gmail.com	541-891-3878	2:50 pm	
Tharon Gail	KNO construction	Robbm@KNCC-Outlier.com	541-622-2040	2:50 PM	
MATT BOGATAY	BOGATAY CONSTRUCTION, INC	MBOGATAY@BCI.US	541.882.5370	2:50 PM	
CHANDLER LINDSEY	ADKINS ENGINEERING & SURVEYING	clindsey@adkinsengineering.com	(541) 884-9666	2:50 pm	
Brian Kinsman	~~Brian~~@KinsmanConstruction~~LLC.com~~	Brian@KinsmanConstructionLLC.com	541-882-3160	2:50 PM	
Damon Jones	Legacy Painting & Const. LLC	Legacypainting22@gmail.com	541 810 9687	2:50pm	
JONATHAN PENNEY	ADVANCED AIR	jonathan@advancedairandmetal.com	541 531 8292	2:50 pm	
Lonny Ruda	Pacific Electrical Contractors	aaron@pacificelectrical.com	541-841-4229	2:57pm	

PART 1
REVISIONS TO THE PROJECT MANUAL

SECTION 04 22 00 - CONCRETE UNIT MASONRY

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Concrete masonry units, including decorative and veneer.
    a. CMU: Standard gray, confirm color ***with architect***
    b. CMU-1: decorative unit ***per architect***
2. Mortar and grout.
3. Steel reinforcing bars.
4. Miscellaneous masonry accessories.

B. Related Requirements:

1. Section 03 30 00 “Cast-in-Place Concrete”.

1.2 DEFINITIONS

A. CMU(s): Concrete masonry unit(s).

B. Reinforced Masonry: Masonry containing reinforcing steel in grouted cells.

1.3 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.4 SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings: For the following:

1. Masonry Units: Show sizes, profiles, coursing, and locations of special shapes.
2. Reinforcing Steel: Detail bending, lap lengths, and placement of unit masonry reinforcing bars. Comply with ACI 315. Show elevations of reinforced walls.
3. Location of control joints, dimensioned.

C. Samples for Verification: For each type and color of the following ***as requested by architect***:

1. Exposed decorative CMUs in manufacturer’s standard sample size.
2. Pigmented and colored-aggregate mortar. Make Samples using same sand and mortar ingredients to be used on Project. Submit mortar on block sample for comparison.

D. Material Certificates: For each type and size of the following:

1. Masonry units.
    a. Include data on material properties.

2. Cementitious materials. Include name of manufacturer, brand name, and type.
3. Mortar admixtures.
4. Preblended, dry mortar mixes. Include description of type and proportions of ingredients.
5. Grout mixes. Include description of type and proportions of ingredients.
6. Reinforcing bars.
7. Joint reinforcement.
8. Anchors, ties, and metal accessories.

E. Mix Designs: For each type of mortar and grout. Include description of type and proportions of ingredients.

1. Include test reports for mortar mixes required to comply with property specification. Test according to ASTM C 109/C 109M for compressive strength, ASTM C 1506 for water retention, and ASTM C 91/C 91M for air content.
2. Include test reports, according to ASTM C 1019, for grout mixes required to comply with compressive strength requirement.

F. Statement of Compressive Strength of Masonry: For each combination of masonry unit type and mortar type, provide statement of average net-area compressive strength of masonry units, mortar type, and resulting net-area compressive strength of masonry determined according to TMS 602/ACI 530.1/ASCE 6.

G. Cold-Weather and Hot-Weather Procedures: Detailed description of methods, materials, and equipment to be used to comply with requirements.

1.5 QUALITY ASSURANCE

A. Testing Agency Qualifications: Qualified according to ASTM C1093 for testing indicated.

B. Mockups: Build mockups to verify selections made, to demonstrate aesthetic effects, and to set quality standards for materials and execution.

1. Build mockups for each type of exposed decorative unit masonry construction of typical wall area as shown on Drawings but not less than ***48" x 48" by full thickness***.
   a. Include a sealant-filled joint at least 16 inches long in each mockup.
   b. Include lower corner of window opening at upper corner of exterior wall mockup. Make opening approximately 12 inches wide by 16 inches high.
   c. Include through-wall flashing installed for a 24-inch length in corner of exterior wall mockup approximately 16 inches down from top of mockup, with a 12-inch length of flashing left exposed to view (omit masonry above half of flashing).
   d. Mockup may be part of standalone where scheduled. Coordinate with Section 01 83 16.
2. Protect accepted mockups from the elements with weather-resistant membrane.
3. Approval of mockups is for color, texture, and blending of masonry units; relationship of mortar and sealant colors to masonry unit colors; tooling of joints; and aesthetic qualities of workmanship.

a. Approval of mockups is also for other material and construction qualities specifically approved by Architect in writing.

b. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.

4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Store masonry units on elevated platforms in a dry location. If units are not stored in an enclosed location, cover tops and sides of stacks with waterproof sheeting, securely tied. If units become wet, do not install until they are dry.

B. Store cementitious materials on elevated platforms, under cover, and in a dry location. Do not use cementitious materials that have become damp.

C. Store aggregates where grading and other required characteristics can be maintained and contamination avoided.

D. Deliver preblended, dry mortar mix in moisture-resistant containers. Store preblended, dry mortar mix in delivery containers on elevated platforms in a dry location or in covered weatherproof dispensing silos.

E. Store masonry accessories, including metal items, to prevent corrosion and accumulation of dirt and oil.

1.7 FIELD CONDITIONS

A. Protection of Masonry: During construction, cover tops of walls, projections, and sills with waterproof sheeting at end of each day's work. Cover partially completed masonry when construction is not in progress.

1. Extend cover a minimum of 24 inches down both sides of walls, and hold cover securely in place.

B. Do not apply uniform floor or roof loads for at least 12 hours and concentrated loads for at least three days after building masonry walls or columns.

C. Stain Prevention: Prevent grout, mortar, and soil from staining the face of masonry to be left exposed or painted. Immediately remove grout, mortar, and soil that come in contact with such masonry.

1. Protect base of walls from rain-splashed mud and from mortar splatter by spreading coverings on ground and over wall surface.

2. Protect sills, ledges, and projections from mortar droppings.

3. Protect surfaces of window and door frames, as well as similar products with painted and integral finishes, from mortar droppings.

4. Turn scaffold boards near the wall on edge at the end of each day to prevent rain from splashing mortar and dirt onto completed masonry.

D. Cold-Weather Requirements: Do not use frozen materials or materials mixed or coated with ice or frost. Do not build on frozen substrates. Remove and replace unit masonry

damaged by frost or by freezing conditions. Comply with cold-weather construction requirements contained in TMS 602/ACI 530.1/ASCE 6.

1. Cold-Weather Cleaning: Use liquid cleaning methods only when air temperature is 40 deg F (4 deg C) and higher and will remain so until masonry has dried, but not less than seven days after completing cleaning.

E. Hot-Weather Requirements: Comply with hot-weather construction requirements contained in TMS 602/ACI 530.1/ASCE 6.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Source Limitations for Masonry Units: Obtain exposed masonry units of a uniform texture and color, or a uniform blend within the ranges accepted for these characteristics, from single source from single manufacturer for each product required.

B. Source Limitations for Mortar Materials: Obtain mortar ingredients of a uniform quality, including color for exposed masonry, from single manufacturer for each cementitious component and from single source or producer for each aggregate.

2.2 UNIT MASONRY, GENERAL

A. Masonry Standard: Comply with TMS 602/ACI 530.1/ASCE 6 except as modified by requirements in the Contract Documents.

B. Fire-Resistance Ratings: Comply with requirements for fire-resistance-rated assembly designs indicated.

1. Where fire-resistance-rated construction is indicated, units shall be listed and labeled by a qualified testing agency acceptable to authorities having jurisdiction.

2.3 CONCRETE MASONRY UNITS

A. Shapes: Provide shapes indicated and as follows, with exposed surfaces matching exposed faces of adjacent units unless otherwise indicated.

1. Provide special shapes for lintels, corners, jambs, sashes, movement joints, headers, bonding, and other special conditions.

2. Provide square-edged for outside corners unless otherwise indicated; as indicated.

B. Integral Water Repellent: Provide units made with integral water repellent for exposed units.

1. Integral Water Repellent: Liquid polymeric, integral water-repellent admixture that does not reduce flexural bond strength. Units made with integral water repellent, when tested according to ASTM E514/E514M as a wall assembly made with mortar containing integral water-repellent manufacturer's mortar additive, with test period extended to 24 hours, shall show no visible water or leaks on the back of test specimen.

C. CMUs, General: ASTM C 90.

1. Unit Compressive Strength: Provide units with minimum average net-area compressive strength of 2800 psi (19.3 MPa), sampled and tested with ASTM C140.

2. *Linear shrinkage for units shall not exceed 0.065%. (Addendum #2)*

3. *Assemblies shall have a minimum compressive strength of f'm of 2000 psi as verified by prism tests before and during construction. (Addendum #2)*

4. Density Classification: Normal weight, unless otherwise indicated.

5. Size: Manufactured to dimensions 3/8 inch less-than-nominal dimensions.

a. CMU:

1) Nominal 8 by 8 by 16 inches (depth by height by length).

a) Actual Size: 7-5/8 by 7-5/8 by 15-5/8 inches.

2) Nominal 12 by 8 x 16 inches (depth by height by length)

a) Actual Size: 7-5/8 by 11-5/8 by 15-5/8 inches.

D. Decorative CMUs, Basis-of-Design Products: Provide the following by Willamette Graystone; www.willamettegraystone.com.

1. CMU-1:

a. Color: As selected by Architect.

b. Pattern and Texture: Standard pattern; ground-face finish.

c. Size: Nominal 8 by 8 by 16 inches.

2.4 MORTAR AND GROUT MATERIALS

A. Portland Cement: ASTM C 150/C 150M, Type I or II, except Type III may be used for cold-weather construction. Provide natural color or white cement as required to produce mortar color indicated.

1. Alkali content shall not be more than 0.1 percent when tested according to ASTM C 114.

B. Hydrated Lime: ASTM C 207, Type S.

C. Portland Cement-Lime Mix: Packaged blend of portland cement and hydrated lime containing no other ingredients.

D. Masonry Cement: ASTM C 91/C 91M.

E. Mortar Cement: ASTM C 1329/C 1329M.

F. Colored Mortar: Provide mortar materials and formulate blend as required to product color indicated.

1. Color: Match decorative CMU finishes.

2. Mortar Pigments: Natural and synthetic iron oxides and chromium oxides, compounded for use in mortar mixes and complying with ASTM C979/C979M. Use only pigments with a record of satisfactory performance in masonry mortar.

3. Colored Cement Products: Packaged blend made from Portland cement and hydrated lime, masonry cement or mortar cement and mortar pigments, all complying with specified requirements, and containing no other ingredients.

G. Aggregate for Mortar: ASTM C 144.

1. For mortar that is exposed to view, use washed aggregate consisting of natural sand or crushed stone.
2. For joints less than 1/4 inch thick, use aggregate graded with 100 percent passing the No. 16 sieve.

H. Aggregate for Grout: ASTM C 404.

I. Cold-Weather Admixture: Nonchloride, noncorrosive, accelerating admixture complying with ASTM C 494/C 494M, Type C, and recommended by manufacturer for use in masonry mortar of composition indicated.

J. Water: Potable.

2.5 REINFORCEMENT

A. Uncoated Steel Reinforcing Bars: ASTM A 615/A 615M or ASTM A 996/A 996M, Grade 60 (Grade 420). *Reinforcing shall conform to OSSC 2103 and be securely placed in accordance with TMS 602 Section 3.4. (Addendum #2)*

2.6 MISCELLANEOUS MASONRY ACCESSORIES

A. Compressible Filler: Premolded filler strips complying with ASTM D 1056, Grade 2A1; compressible up to 35 percent; of width and thickness indicated; formulated from neoprene or urethane.

B. Preformed Control-Joint Gaskets: Made from styrene-butadiene-rubber compound, complying with ASTM D 2000, Designation M2AA-805 and designed to fit standard sash block and to maintain lateral stability in masonry wall; size and configuration as indicated.

C. Bond-Breaker Strips: Asphalt-saturated felt complying with ASTM D 226/D 226M, Type I (No. 15 asphalt felt).

D. Brick Ties, Veneer: See Section 04 21 13 “Brick Veneer Masonry.”

2.7 MORTAR AND GROUT MIXES

A. General: Do not use admixtures, including pigments, air-entraining agents, accelerators, retarders, water-repellent agents, antifreeze compounds, or other admixtures unless otherwise indicated.

1. Do not use calcium chloride in mortar or grout.
2. Use portland cement-lime, masonry cement or mortar cement mortar unless otherwise indicated.
3. Add cold-weather admixture (if used) at same rate for all mortar that will be exposed to view, regardless of weather conditions, to ensure that mortar color is consistent.

B. Mortar for Unit Masonry: Comply with ASTM C 270, Property Specification. Provide the following types of mortar for applications stated unless another type is indicated or needed to provide required compressive strength of masonry.

1. For reinforced masonry, use Type ~~M or~~ S~~; as indicated.~~ *with a minimum compressive strength at 28 days of 1800 psi and shall conform to OSSC section 2103. (Addendum #2)*

C. Grout for Unit Masonry: Comply with ASTM C 476.

1. Use grout of type indicated or, if not otherwise indicated, of type (fine or coarse) that will comply with TMS 602/ACI 530.1/ASCE 6 for dimensions of grout spaces and pour height.
2. Proportion grout in accordance with ASTM C 476, Table 1 or paragraph 4.2.2 for specified 28-day compressive strength indicated, but not less than 2000 psi.
3. Provide grout with a slump of 8 to 11 inches as measured according to ASTM C 143/C 143M.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
   1. For the record, prepare written report, endorsed by Installer, listing conditions detrimental to performance of the Work.
   2. Verify that foundations are within tolerances specified.
   3. Verify that reinforcing dowels are properly placed.
   4. Verify that substrates are free of substances that would impair mortar bond.

B. Before installation, examine rough-in and built-in construction for piping systems to verify actual locations of piping.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

A. Build chases and recesses to accommodate items specified in this and other Sections.

B. Leave openings for equipment to be installed before completing masonry. After installing equipment, complete masonry to match construction immediately adjacent to opening.

C. Use full-size units without cutting if possible. If cutting is required to provide a continuous pattern or to fit adjoining construction, cut units with motor-driven saws; provide clean, sharp, unchipped edges. Allow units to dry before laying unless wetting of units is specified. Install cut units with cut surfaces and, where possible, cut edges concealed.

3.3 TOLERANCES

A. Dimensions and Locations of Elements:
   1. For dimensions in cross section or elevation, do not vary by more than plus 1/2 inch or minus 1/4 inch.
   2. For location of elements in plan, do not vary from that indicated by more than plus or minus 1/2 inch.
   3. For location of elements in elevation, do not vary from that indicated by more than plus or minus 1/4 inch in a story height or 1/2 inch total.

B. Lines and Levels:
   1. For bed joints and top surfaces of bearing walls, do not vary from level by more than 1/4 inch in 10 feet, or 1/2-inch maximum.

2. For conspicuous horizontal lines, such as lintels, sills, parapets, and reveals, do not vary from level by more than 1/8 inch in 10 feet, 1/4 inch in 20 feet, or 1/2-inch maximum.
3. For vertical lines and surfaces do not vary from plumb by more than 1/4 inch in 10 feet, 3/8 inch in 20 feet, or 1/2-inch maximum.
4. For conspicuous vertical lines, such as external corners, door jambs, reveals, and expansion and control joints, do not vary from plumb by more than 1/8 inch in 10 feet, 1/4 inch in 20 feet, or 1/2-inch maximum.
5. For lines and surfaces, do not vary from straight by more than 1/4 inch in 10 feet, 3/8 inch in 20 feet, or 1/2-inch maximum.
6. For vertical alignment of exposed head joints, do not vary from plumb by more than 1/4 inch in 10 feet, or 1/2-inch maximum.
7. For faces of adjacent exposed masonry units, do not vary from flush alignment by more than 1/16 inch.

C. Joints:

1. For bed joints, do not vary from thickness indicated by more than plus or minus 1/8 inch, with a maximum thickness limited to 1/2 inch.
2. For exposed bed joints, do not vary from bed-joint thickness of adjacent courses by more than 1/8 inch.
3. For head and collar joints, do not vary from thickness indicated by more than plus 3/8 inch or minus 1/4 inch.
4. For exposed head joints, do not vary from thickness indicated by more than plus or minus 1/8 inch.

3.4 LAYING MASONRY WALLS

A. Lay out walls in advance for accurate spacing of surface bond patterns with uniform joint thicknesses and for accurate location of openings, movement-type joints, returns, and offsets. Avoid using less-than-half-size units, particularly at corners, jambs, and, where possible, at other locations.

B. Bond Pattern for Exposed Masonry: Unless otherwise indicated, lay exposed masonry in bond pattern indicated; do not use units with less-than-nominal 4-inch horizontal face dimensions at corners or jambs.

C. Lay concealed masonry with all units in a wythe in running bond or bonded by lapping not less than 4 inches. Bond and interlock each course of each wythe at corners. Do not use units with less-than-nominal 4-inch horizontal face dimensions at corners or jambs.

D. Stopping and Resuming Work: Stop work by stepping back units in each course from those in course below; do not tooth. When resuming work, clean masonry surfaces that are to receive mortar, remove loose masonry units and mortar, and wet brick if required before laying fresh masonry.

E. Built-in Work: As construction progresses, build in items specified in this and other Sections. Fill in solidly with masonry around built-in items.

F. Fill space between steel frames and masonry solidly with mortar unless otherwise indicated.

G. Fill voids in entirety below grade, with mortar or grout.

H. Provide a 1-inch soft joint at ends of above grade CMU walls intersecting concrete columns and walls.

I. Where built-in items are to be embedded in cores of hollow masonry units, place a layer of metal lath, wire mesh, or plastic mesh in the joint below, and rod mortar or grout into core.

J. CMU walls to be grouted solid unless noted otherwise.

K. Build nonload-bearing interior partitions full height of story to underside of solid floor or roof structure above unless otherwise indicated.

1. Install compressible filler in joint between top of partition and underside of structure above.

2. Fasten partition top anchors to structure above as indicated on Structural Drawings.

3. At fire-rated partitions, treat joint between top of partition and underside of structure above to comply with Section 07 84 00 " Firestopping."

3.5 MORTAR BEDDING AND JOINTING

A. Lay hollow CMUs as follows:

1. Bed face shells in mortar and make head joints of depth equal to bed joints.

2. Bed webs in mortar in all courses of piers, columns, and pilasters.

3. Bed webs in mortar in grouted masonry, including starting course on footings.

4. Fully bed entire units, including areas under cells, at starting course on footings where cells are not grouted.

B. Lay solid CMUs with completely filled bed and head joints; butter ends with sufficient mortar to fill head joints and shove into place. Do not deeply furrow bed joints or slush head joints.

C. Rake out mortar joints at pre-faced CMUs to a uniform depth of 1/4 inch and point with epoxy mortar to comply with epoxy-mortar manufacturer's written instructions.

D. Tool exposed joints slightly concave when thumbprint hard, using a jointer larger than joint thickness unless otherwise indicated.

E. Cut joints flush for masonry walls to receive plaster or other direct-applied finishes (other than paint) unless otherwise indicated.

F. Cut joints flush where indicated to receive waterproofing unless otherwise indicated.

3.6 CONTROL AND EXPANSION JOINTS

A. General: Install control- and expansion-joint materials in unit masonry as masonry progresses. Do not allow materials to span control and expansion joints without provision to allow for in-plane wall or partition movement.

B. Form control joints in concrete masonry using one of the following methods:

1. Fit bond-breaker strips into hollow contour in ends of CMUs on one side of control joint. Fill resultant core with grout, and rake out joints in exposed faces for application of sealant.

2. Install preformed control-joint gaskets designed to fit standard sash block.

3. Install interlocking units designed for control joints. Install bond-breaker strips at joint. Keep head joints free and clear of mortar, or rake out joint for application of sealant.

4. Install temporary foam-plastic filler in head joints, and remove filler when unit masonry is complete for application of sealant.

3.7 REINFORCED UNIT MASONRY INSTALLATION

A. Temporary Formwork and Shores: Construct formwork and shores as needed to support reinforced masonry elements during construction.

1. Construct formwork to provide shape, line, and dimensions of completed masonry as indicated. Make forms sufficiently tight to prevent leakage of mortar and grout. Brace, tie, and support forms to maintain position and shape during construction and curing of reinforced masonry.

2. Do not remove forms and shores until reinforced masonry members have hardened sufficiently to carry their own weight and other loads that may be placed on them during construction.

B. Placing Reinforcement: Comply with requirements in TMS 602/ACI 530.1/ASCE 6.

C. Grouting: Do not place grout until entire height of masonry to be grouted has attained enough strength to resist grout pressure.

1. Comply with requirements in TMS 602/ACI 530.1/ASCE 6 for cleanouts and for grout placement, including minimum grout space and maximum pour height.

3.8 FIELD QUALITY CONTROL

A. Testing and Inspecting: Owner will engage special inspectors to perform tests and inspections and prepare reports. Allow inspectors access to scaffolding and work areas as needed to perform tests and inspections. Retesting of materials that fail to comply with specified requirements shall be done at Contractor's expense.

B. Inspections: Special inspections according to Level B in TMS 402/ACI 530/ASCE 5.

1. Begin masonry construction only after inspectors have verified proportions of site-prepared mortar.

2. Place grout only after inspectors have verified compliance of grout spaces and of grades, sizes, and locations of reinforcement.

3. Place grout only after inspectors have verified proportions of site-prepared grout.

C. Testing Prior to Construction: Verification of materials based on unit strength method in accordance with TMS 602/ACI 530/ ASCE 5 section 1.4 B.

3.9 REPAIRING, POINTING, AND CLEANING

A. Remove and replace masonry units that are loose, chipped, broken, stained, or otherwise damaged or that do not match adjoining units. Install new units to match adjoining units; install in fresh mortar, pointed to eliminate evidence of replacement.

B. Pointing: During the tooling of joints, enlarge voids and holes, except weep holes, and completely fill with mortar. Point up joints, including corners, openings, and adjacent construction, to provide a neat, uniform appearance. Prepare joints for sealant application, where indicated.

C. In-Progress Cleaning: Clean unit masonry as work progresses by dry brushing to remove mortar fins and smears before tooling joints.

D. Final Cleaning: After mortar is thoroughly set and cured, clean exposed masonry as follows:

1. Remove large mortar particles by hand with wooden paddles and nonmetallic scrape hoes or chisels.

2. Test cleaning methods on sample wall panel; leave one-half of panel uncleaned for comparison purposes. Obtain Architect's approval of sample cleaning before proceeding with cleaning of masonry.

3. Protect adjacent stone and nonmasonry surfaces from contact with cleaner by covering them with liquid strippable masking agent or polyethylene film and waterproof masking tape.

4. Wet wall surfaces with water before applying cleaners; remove cleaners promptly by rinsing surfaces thoroughly with clear water.

5. Clean concrete masonry by applicable cleaning methods indicated in NCMA TEK 8-4A.

3.10 MASONRY WASTE DISPOSAL

A. Salvageable Materials: Unless otherwise indicated, excess masonry materials are Contractor's property. At completion of unit masonry work, remove from Project site.

B. Waste Disposal as Fill Material: Dispose of clean masonry waste, including excess or soil-contaminated sand, waste mortar, and broken masonry units, by crushing and mixing with fill material as fill is placed.

1. Crush masonry waste to less than 4 inches in each dimension.

2. Mix masonry waste with at least two parts of specified fill material for each part of masonry waste. Fill material is specified in Section 31 20 00.

3. Do not dispose of masonry waste as fill within 18 inches of finished grade.

C. Masonry Waste Recycling: Return broken CMUs not used as fill to manufacturer for recycling.

D. Excess Masonry Waste: Remove excess clean masonry waste that cannot be used as fill, as described above or recycled, and other masonry waste, and legally dispose of off Owner's property.

END OF SECTION

SECTION 075000

MEMBRANE ROOFING

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes.
1. TPO roofing.
2. *PVC roofing.* **(ADDENDUM #2)**
3. Vapor retarders.
4. Roof insulation.
5. Cover boards.

B. Related Requirements:

1.2 REFERENCES

A. Definitions:
1. Roofing Terminology: See ASTM D1079 and the NRCA Roofing and Waterproofing Manual glossary.

1.3 ADMINISTRATIVE REQUIREMENTS

A. Preinstallation Meeting Attendees and Procedures:
1. Conduct meeting one week, minimum, before starting Work of this Section.
2. Additional Agenda Items:
a. Preparation procedures.
b. Installation procedures.
c. Coordination and scheduling required with related Work.
d. Protection of construction and site.

1.4 ACTION SUBMITTALS

A. Product Data:
1. Roofing membrane and accessory products.
2. Substrate board.
3. Vapor retarders.
4. Roof insulation and cover board.
5. Initial selection color Samples.

B. Shop Drawings: Include plans, elevations, sections, details, intersections with adjacent assemblies, terminations, and attachments, including:
   1. Base flashings.
   2. Membrane terminations.
   3. Flat and tapered insulation, including cants and slopes.

C. Samples:
   1. Membrane Sheet: 6 by 6 inch sample of each type and color.

1.5 INFORMATIONAL SUBMITTALS

A. Qualification Statements:
   1. Installer: Manufacturer authorization.

B. Certificates: Manufacturer affidavit that Project design and conditions have been reviewed and the installation will be fully warrantable if correctly installed. Manufacturer authorization to Installer to proceed with installation also acceptable.

C. ICC-ES test and evaluation reports for roofing system components.

D. Product Test Reports for roofing system components, performed or witnessed by a qualified testing agency.

E. Manufacturer Reports: Field quality control reports.

1.6 CLOSEOUT SUBMITTALS

A. Maintenance Data: Roof system maintenance requirements.

B. Warranty Documentation: For complete roof system.

C. Project Plaque: Provide permanent sign or framed document with the following information attached to wall near primary access to main roof.
   1. Roofing installer name, address, and telephone number.
   2. Roofing system manufacturer name, address, and telephone number.
   3. Starting date of warranty and length of warranty period.

1.7 QUALITY ASSURANCE

A. Qualifications:
   1. Installer: Licensed, authorized, or approved by roofing manufacturer to install manufacturer roofing system and provide full specified warranty.

1.8 DELIVERY, STORAGE, AND HANDLING

A. Storage and Handling Requirements: Store roofing system components protected from the elements, precipitation and standing water, freeze/thaw cycling, and protected from sunlight, if required.

1.9 FIELD CONDITIONS

A. Ambient Conditions: Perform Work within limitations recommended by manufacturer.

1.10 WARRANTY

A. Manufacturer Warranty: Warrant roofing system against failure.
   1. Total System Warranty: Include primary roof membrane and substrate boards, vapor retarder, roof insulation, cover boards, and flashings, and other components of roofing system.
      a. Warranty Period: 20 years.

PART 2 PRODUCTS

2.1 MEMBRANE ROOFING - GENERAL

A. Roofing Assembly: FM Approvals RoofNav Assembly Number .

B. *TPO or PVC roofing are acceptable membrane roofs.* **(ADDENDUM #2)**

2.2 TPO ROOFING

A. TPO Sheet: ASTM D6878, scrim or fabric internally reinforced, fabric backed.
   1. Manufacturers:
      a. Carlisle SynTec.
      b. Sika Group.
      c. Elevate.
      d. GAF Materials.
      e. GenFlex.
      f. Johns Manville.
      g. Versico.
   2. Membrane Thickness: 60 mils.
   3. Exposed Face Color: Gray.
   4. Exposed Ribs: Provide 1/2 inch wide by 1 1/4 inch high Decor syle ribs at 16 inches on center. Provide on all North facing roofs.

2.3 *PVC ROOFING* **(ADDENDUM #2)**

A. PVC Sheet: ASTM D4434, Type III, fabric reinforced.
1. Manufacturers and products:
a. Carlisle SynTec Sure-Flex.
b. GAF Materials EverGuard PVC.
c. Johns Manville SD Plus.
d. Sika Sarnafil S 327.
e. Versico.
f. Or approved equal.
2. Membrane Thickness: 60 mils, nominal.
3. Exposed Face Color: Gray.
4. Exposed Ribs: Provide 1/2 inch wide by 1 1/4 inch high Decor syle ribs at 16 inches on center. Provide on all North facing roofs.

2.4 COMPONENT MATERIALS

A. General: Provide components of roofing system recommended by manufacturer for a complete system.
1. Component Materials: Compatible with each other and adjacent materials.

B. Adhesive: Manufacturer standard bonding adhesive.

C. Flexible Flashing: Same material as roofing membrane, manufacturer recommended thickness.

D. Lap Joint Sealant: Manufacturer standard, color to match membrane.

E. Butyl Mastic: Manufacturer standard water stop mastic.

F. Termination Bars: Manufacturer standard stainless steel, pre-drilled for included anchors.

G. Battens: Manufacturer standard, pre punched, steel sheet, with aluminum-zinc alloy or zinc coating.

H. Fasteners: Compliant with FM Global 4470 for corrosion resistance, including metal or plastic washers, and acceptable to roof system manufacturer.

I. Flashing Accessories: Prefabricated boots, corners, cones, pipe seals, and other shapes required for complete roof system installation, compatible with primary roof membrane.
1. Colors: Match roofing membrane color.

J. Accessories: Miscellaneous reinforcing, sealants, and other items recommended by manufacturer for complete roof system installation.

2.5 SUBSTRATE BOARDS

A. Substrate Board: ASTM C1278, cellulosic fiber, water-resistant gypsum.
   1. Manufacturers and Products:
      a. USG Securock Gypsum-Fiber Roof Board.
   2. Thickness: 1/2 inch.

B. Fasteners: FM Global 4470 compliant for corrosion resistance, including metal or plastic washers.

2.6 VAPOR RETARDER

A. Standard Sheet: ASTM D4397, polyethylene.
   1. Thickness: Minimum 6 mils thick.
   2. Permeance: 0.13 perms, maximum.
   3. Tape: Manufacturer standard or recommended pressure sensitive tape.
   4. Adhesive: manufacturer standard adhesive.

2.7 ROOF INSULATION

A. General: Roof insulation, preformed boards, manufactured or approved by roof membrane manufacturer, manufacturer standard sizes, thicknesses as shown on Drawings.

B. Polyisocyanurate Board Insulation: ASTM C1289, Type II, Class 2, Grade 2 or Grade 3.
   1. Manufacturers:
      a. Atlas Roofing.
      b. Carlisle SynTec.
      c. GAF Materials.
      d. Elevate.
      e. Hunter Panels.
      f. Insulfoam.
      g. Johns Manville.
      h. Rmax.
      i. Sika.
   2. Thickness: See drawings.
   3. R Value: Minimum R-5 per inch.

C. Special Shapes: Provide preformed insulation shapes to form crickets, saddles, tapers, and other shapes to facilitate drainage.

D. Adhesive: Recommended by insulation manufacturer for adhering insulation layers together and insulation to substrate.
   1. Adhesive Types: low-rise, apply in bead or full-spread as recommended by manufacturer.

2.8 COVER BOARDS

A. Polyisocyanurate Cover Board: ASTM C1289 Type II, Class 4, Grade 1, 1/2-inch thick.
   1. Compressive Strength: 80 psi, minimum.

2.9 PERFORMANCE

A. Accelerated Weathering: ASTM G152, ASTM G154 or ASTM G155; withstand 2,000 hours of testing.

B. Impact Resistance: ASTM D3746 or ASTM D4272.

C. Compatibility: Confirm roof system materials are compatible within themselves and with adjacent materials.

D. Roof System Design: Certified by testing to FM 4474, UL 580 or UL 1897 to resist uplift pressures as shown on Structural Drawings.

E. Hail Resistance Rating: MH per FM Global Property Loss Prevention Data Sheet 1-34.

F. Exterior Fire Test Exposure: ASTM E108 or UL 790 testing by a qualified testing agency, Class B, products marked as compliant by testing agency.

PART 3 EXECUTION

3.1 EXAMINATION

A. Examine and verify conditions for compliance with roof system manufacturer recommendations:
   1. Substrate.
   2. Roof openings and penetrations.
   3. Curbs, nailers, and cants.

3.2 PREPARATION

A. Clean and prepare substrate per manufacturer instructions.

B. Protect roof drainage and other equipment and surfaces from roofing materials.

3.3 INSTALLATION - GENERAL

A. Complete terminations, flashings, roofing installation, and temporary measures by end of each workday and during rain events.

3.4 INSTALLATION OF SUBSTRATE BOARD

A. Install substrate boards with long sides perpendicular to roof slopes in straight lines, stagger end joints. Install with tight butt joints.
   1. Fasten substrate board to top flanges of steel deck.
   2. Fasten substrate board to steel deck flanges per FM Global RoofNav and FM Global Loss Prevention Data Sheet 1-29 for specified Windstorm Resistance Classification.

3.5 INSTALLATION OF VAPOR RETARDER

A. Polyethylene Film: Loosely lay polyethylene film vapor retarder in place, lapping sides minimum 2 inches and ends of each sheet a minimum of 6 inches. Seal side and end laps.

B. Install vapor retarder to provide complete seal against air movement at penetrations and terminations.

3.6 INSTALLATION OF INSULATION

A. Do not allow insulation to be exposed to precipitation or left exposed at the end of the workday.

B. Install insulation to required thickness. Install in layers with joints staggered from previous layer 6 inches in each direction, minimum.

C. Install insulation with long sides in straight rows with end joints staggered between rows, butt joints at edges and ends between boards. Fill gaps exceeding 1/4 inch with insulation.
   1. Fit insulation by trimming, within 1/4 inch of nailers, obstructions, and penetrations.
   2. Trim and fit insulation at roof drains.

D. Adhered Insulation: Install each layer of insulation adhered to substrate as follows:
   1. Set each layer of insulation in ribbons of bead-applied insulation adhesive, firmly press insulation in place.
   2. Set each layer of insulation in a uniform, full spread of insulation adhesive, firmly press insulation in place.
   3. Prime surface of concrete deck with asphalt primer at rate of 3/4 gal./100 sq. ft. Allow primer to dry.
   4. Set each layer of insulation in a full coverage mopped layer of hot roofing asphalt, applied within plus or minus 25 deg F of manufacturer recommended temperature.

3.7 INSTALLATION OF COVER BOARD

A. Install cover boards over insulation with long sides in straight lines and end joints staggered between rows. Offset joints from insulation layer below a minimum of 6 inches in each direction. Loosely butt cover boards together.
   1. Fasten cover boards to resist uplift pressure at corners, perimeter, and field of roof.

3.8 INSTALLATION OF ADHERED ROOFING MEMBRANE

A. Unroll roofing membrane and allow to relax before installing.

B. Start installation of roofing in presence of roofing system manufacturer technical personnel.

C. Align roofing to an accurate layout, maintaining side and end laps of minimum dimensions required by manufacturer. Stagger end laps.

D. Bonding Adhesive: Apply to substrate and underside of roofing as recommended by manufacturer. Do not apply adhesive at splice areas of roofing.

E. Mechanically fasten adhered roofing securely at terminations, penetrations, perimeters and other areas shown.

F. Apply roofing with uphill side laps overlapping lower layers with slope of roof deck where possible.

G. Repair tears, voids, lapped seams, or defects in roofing that do not follow requirements.

H. Spread sealant or mastic bed over deck drain flanges at roof drains, and securely seal membrane roofing in place with clamping ring.

3.9 MEMBRANE SEAMING

A. Heat Welded Seam Installation: Heat weld seams using methods and equipment recommended by membrane manufacturer.

B. Leave seams uncovered until they are inspected by manufacturer technical representative.

3.10 INSTALLATION OF BASE FLASHING

A. Adhere flashings and flashing accessories to substrates.

B. Apply adhesive to substrate and underside of sheet flashing, and allow to partially dry. Do not apply to seam area of flashing.

C. Flash penetrations and field formed inside and outside corners per roofing manufacturer recommendations.

D. Clean splice areas, apply splicing cement, and firmly roll side and end laps of overlapping sheets per manufacturer requirements. Seal exposed edges of sheet flashing terminations.

E. Terminate and seal top of sheet flashings and mechanically anchor to substrate using termination bars.

3.11 FIELD QUALITY CONTROL

A. Inspections: Continuous during application.
   1. Substrate conditions.
   2. Substrate preparation.
   3. Vapor barrier application, if required.
   4. Membrane application.
   5. Flashings.
   6. Protection components.
   7. Penetrations and drainage components.
   8. Furnish reports to Architect.

B. Final Roof Inspection: Arrange for roofing system manufacturer or testing agency to inspect completed roofing installation.

C. Repair or remove and replace roofing system components that fail tests or do not follow requirements.

3.12 PROTECTING AND CLEANING

A. Protect membrane roofing system from damage and wear during remainder of construction period.

B. Sweep roof surface; remove loose fasteners, rocks, and other items that might damage membrane.

C. Clean overspray and spillage from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

END OF SECTION

SECTION 092116

GYPSUM BOARD ASSEMBLIES

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes.
   1. Gypsum board.
   2. Tile backing panels.
   3. Backing.
   4. Acoustical framing components.
   5. Texture finishes.

B. Related Requirements.
   1. Section 06 1000: Rough Carpentry.
   2. Section 07 2100: Thermal Insulation.
   3. Section 07 2500: Weather Barriers.
   4. Section 07 8400: Firestopping.
   5. Section 07 9200: Joint Sealants

1.2 ADMINISTRATIVE REQUIREMENTS

A. Coordination Procedures:
   1. Coordinate concealed framing for supports and anchorage of other work.

B. Preinstallation Meeting:
   1. Conduct meeting one week, minimum, before starting Work of this Section.

1.3 ACTION SUBMITTALS

A. Product Data.

B. Shop Drawings:
   1. Grid suspension system.

C. Samples:
   1. Trim Accessories: 12 inch lengths of trim other than edge beads and control joints.
   2. Textured Finishes: Apply to gypsum board, 4 by 6 inches minimum.

1.4 INFORMATIONAL SUBMITTALS

A. Delegated Design Submittals:
   1. Nonstructural metal framing, for deflection limits under horizontal loading. Indicate the following for each partition type and height:
      a. Stud size.
      b. Stud thickness.
      c. Spacing.

1.5 QUALITY ASSURANCE

A. Qualifications:
   1. Installers: Company specializing in performing work of the type specified and with at least three years of documented experience.

B. Field Samples: Apply textured finish on 4 feet wide by full wall height. Demonstrate texture and pattern.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Delivery and Acceptance Requirements: ASTM C840.

B. Protect cold-formed framing per AISI S202.

PART 2 PRODUCTS

2.1 GYPSUM BOARD

A. Manufacturers:
   1. American Gypsum.
   2. CertainTeed.
   3. Georgia-Pacific.
   4. National Gypsum.
   5. Pabco Gypsum.
   6. USG.

B. Fire Resistant Gypsum Board: ASTM C1396, paper faced.
   1. Core: 5/8 inch, Type X; locations shown on Drawings.

C. Ceiling Board: ASTM C1396.
   1. **(ADDENDUM #02)** Thickness: ~~5/8 inch, Regular~~ *1/2 inch, Lightweight.*
   2. (**ADDENDUM #02**) *Minimum 20 percent lighter than regular panel of same thickness.*

2.2 TILE BACKING PANELS

A. Glass-Mat, Water Resistant Gypsum Backing Board: ASTM C1178.
   1. Manufacturers and Products:
      a. CertainTeed GlasRoc Tile Backer.
      b. Georgia-Pacific DensShield Tile Backer.
      c. National Gypsum Gold Bond eXP Tile Backer.
      d. Pabco Gypsum Pabco Glass Interior.
      e. USG Durock Brand Glass-Mat Tile Backerboard.
   2. Core: 5/8 inch, Type X.
   3. Mold Resistance: 10 per ASTM D3273.

2.3 PERFORMANCE

A. Performance Requirements: C1010 Partitions and C3030 Ceiling Finishes.

B. Framing Table Selection:
   1. Select stud thicknesses and spacing from manufacturer load and deflection tables to meet performance requirements, including wall mounted element supports such as handrails and wall cabinets.

C. Delegated Design:
   1. Delegate stud framing to manufacturer licensed Professional Engineer.

D. Structural Design Criteria:
   1. Horizontal Partition Load: [5] and [10] psf.
   2. Vertical Ceiling Load: Supported material dead load.
   3. Shaft [Intermittent] and [Sustained] Air Pressure Loads: [5 lbf/sq ft], [7.5 lbf/sq ft], [10 lbf/sq ft], and [15 lbf/sq ft].
   4. Partition Horizontal Deflection Limits:
      a. Tile or Stone Finished Partitions: 1/360 of wall height.
      b. Other Partitions: 1/240 of wall height.
   5. Ceiling Vertical Deflection Limits: 1/360 of span.

E. Fire Resistance: Assemblies tested per ASTM E119.
   1. Fire Ratings: See Drawings.

F. Acoustic Performance:
   1. STC: Tested per ASTM E90, classified per ASTM E413. See Drawings for STC ratings.

2.4 WOOD PARTITION FRAMING ACCESSORIES

A. See Section 061000 for metal anchors and accessories required for wood framing. See Structural Drawings for structural and nonstructural wood framing requirements.
   1. Hangers, Post Bases, Tie Downs, Ties, and Hold Downs: See Structural Drawings.

2. Bridging: Rigid galvanized steel, V-section, nailless type, 0.050 inch thick, length to suit joist size and spacing.
3. Wall Bracing: T-shaped galvanized steel bracing made for letting into studs in saw kerf, 1-1/8 inches wide by 9/16 inch deep by 0.034 inch thick with hemmed edges.
4. Wall Bracing: Angle galvanized steel bracing made for letting into studs in saw kerf, 15/16 by 15/16 by 0.040 inch thick with hemmed edges.

2.5 INSTALLATION COMPONENTS

A. Framing Installation:
1. Anchors: Framing manufacturer recommended types for substrates.
2. Fasteners: ASTM C1002; Type S and GA-216; length to suit application.
3. Tie Wire: ASTM A641, zinc coated, 0.062 inch diameter, minimum.
4. Acoustic Gaskets: Closed cell foam self-adhesive strips allowing fastener penetration without foam displacement, 1/8 inch thick minimum, widths to match stud sizes.

B. Interior Trim: ASTM C1047.
1. Material: Galvanized or aluminum coated steel sheet.
2. Shapes: Cornerbead, U-bead, and control joint.
3. Interior Trim at Windows:
   a. Manufacturer and Product: Trim-Tex Drywall Products, Model #9010.
   b. Material: Rigid Polyvinyl Chloride.
   c. Product: Tear away L bead with 5/16-inch tear away leg
   d. Locations: Provide trim piece where gypsum board abuts all windows and door systems at return surrounds.
4. Finish: factory primed

C. Exterior Trim: ASTM C1047.
1. Material: plastic.
2. Shapes: See Drawings.

D. Sound Attenuation Blankets: ASTM C665, Type I, unfaced semi rigid mineral wool or fiberglass, thickness shown on Drawings, sized for friction fit.
1. Manufacturers and Products:
   a. CertainTeed Corporation Fiber Glass Building Insulation.
   b. Johns Manville Unfaced Fiber Glass Batts.
   c. Knauf Insulation EcoBatt Insulation.
   d. Owens Corning PINK Next Gen Fiberglas Insulation.
2. Surface Burning Characteristics: ASTM E84.
   a. Flame Spread: 25 maximum.
   b. Smoke Developed: 50 maximum.

E. Acoustic Sealant: ASTM C834; nonsag, paintable, nonstaining, butyl free, latex sealant.
1. Manufacturers and Products:
   a. GE Construction Sealants RCS20.
   b. Grabber Construction Products Acoustical Sealant GSC.
   c. Hilti CS-S SA Light.

d. Pecora AIS-919.
e. Soudal BOSS 824 Acoustical Sound Sealant.
f. Specified Technologies Smoke N Sound Acoustical Sealant.
g. USG SHEETROCK Acoustical Sealant.

F. Electrical Box Pads: Moldable non curing one component, intumescent, fire rated material for through penetration fire stop systems and sound attenuation systems; self adhering; 1/8 inch thick, minimum.
1. Manufacturers and Products:
a. Kinetics Noise Control Fire-Rated Isobacker.
b. Specified Technologies SpecSeal Firestop Putty Pads.

G. Thermal Insulation and Vapor Retarder: Section 072100.

H. Gypsum Board Fasteners:
1. Steel Framing 33 mils Thick and Less: ASTM C1002, Type S, self-piercing tapping screws.
2. Steel Framing Greater than 33 mils Thick: ASTM C954, self-drilling tapping screws.
3. Wood Framing: ASTM C1002, Type W.

I. Tile Backer Board Fasteners: Board manufacturer standard, corrosion resistant steel.

J. Laminating Adhesive: Recommended type for directly adhering gypsum panels to continuous substrate.

K. Joint Materials:
1. Interior Gypsum Board: ASTM C475; products compatible with substrate and other coatings applied to surface.
a. Skim Coat For Final Coat of Level 5 Finish: Spray applied high build coating.
2. Tile Backer Board: Product recommended by backer unit manufacturer.
3. Exterior Gypsum Soffit Board: Setting type taping compound and setting type, sandable topping compound.

2.6 TEXTURE FINISHES

A. Primer: Texture finish manufacturer standard product.

B. Texture Finish: Ready mixed[, aggregate filled] product for spray application.
1. Finish Texture: Light orange peel.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verify rough-in utilities are in proper locations.

B. Examine panels for moisture and mold; discard damaged panels.

3.2 PREPARATION

A. Remove sprayed fireproofing to the extent required to install gypsum assemblies. Patch damaged fireproofing.

3.3 INSTALLATION - GENERAL

A. Framing Standard: ASTM C754 and ASTM C840.

3.4 INSTALLATION - ELECTRICAL BOX SEALS

A. Install seals before installing gypsum board.

B. Overlap front edge of box so that seals will be compressed around edges of box as gypsum panels are installed.

C. Applications:
   1. Electrical boxes in fire barriers, smoke barriers, and STC rated walls.
   2. Electrical boxes at interior gypsum board faces of exterior walls.

3.5 INSTALLATION - INTERIOR GYPSUM BOARD

A. Follow ASTM C840.
   1. Fire Rated Partitions: Install per tested designs referenced on Drawings.
   2. Acoustically Rated Partitions: Install per tested designs referenced on Drawings.

B. Cut panels to fit obstructions and openings without tearing face paper or cracking core.

C. Install panels with face side out with lightly butted joints.

D. Stagger joints on opposite sides of partitions.

E. Locate panel ends over support framing.

F. Fit panels to ducts, pipes, conduit, and other penetrations and obstructions with maximum 1/4 inch joints.

G. Attach gypsum board to framing and to supplementary framing and blocking provided for additional support at openings and cutouts.

H. Form control joints and expansion joints with space between edges of boards, prepared to receive trim accessories.

I. Isolate perimeter of non-loadbearing drywall partitions from structural members. Provide 1/4 to 1/2 inch space and trim edge with edge bead. Seal joints with acoustical sealant.

J. Single Layer Installation:
   1. Install panels vertically with long edges on continuous supports.
   2. Attach panels to framing with screws.

K. Double Layer Installation:
   1. Attach base layer to framing with screws.
   2. Offset second layer joints and attach panels with screws.
   3. At walls taller than 10 feet, install panels horizontally and provide control joints at floor lines.

L. Wood Framing: Floating internal corner construction. Float panels over flat grain of wide dimensioned lumber, including floor joists and headers.

3.6 INSTALLATION - TRIM

A. Vertical Trim: Install in single pieces where length is 9 feet or less.

B. Control Joints: Install where shown on Drawings and per ASTM C840 and as follows.
   1. Locations of control and expansion joints in substrate or framing.
   2. Walls:
      a. At changes in backup material.
      b. Maximum 30 feet on center.
   3. Ceilings:
      a. At locations where ceiling framing or furring changes direction.
      b. Maximum 50 feet on center.

C. Corner Beads: Outside corners.

D. Casings: Install at termination joints with other construction or where edges are exposed.

E. Reveals: Install trim plumb, level, accurately aligned, and fitted neatly with hairline joints.
   1. Cut trim with sharp power saw and file cut edges to remove burrs.
   2. Miter joint at changes in direction or plane, except that inside corners may be coped.
   3. Apply masking tape or other protection to reveal surfaces before starting drywall finishing.

4. Rated Fire and Smoke Barriers and Non-Rated Smoke Partitions: Install reveals to maintain rating.
5. Routing of gypsum board to create reveals is not acceptable.

3.7 GYPSUM BOARD FINISHING

A. Gypsum Board Finishing: ASTM C840.

B. Finish panel joints, inside corners, trim flanges, fastener heads, and surface defects to provide smooth, continuous surfaces of monolithic appearance that are suitable for applied finishes.

C. Do not fill spaces around penetrations through fire resistive assemblies with joint compound. Leave space for firestopping.

D. Finish Levels:
1. Level 1: Surfaces in plenums and other concealed areas.
2. Level 2: Surfaces that receive tile.
3. Level 4: Surfaces that receive flat or low sheen paint and wall coverings.
4. Level 5: Surfaces that receive semigloss or gloss paint.

E. Texture Finishes:
1. Prime surfaces.
2. Mask adjacent surfaces against overspray.
3. Apply to uniform texture and appearance matching approved field Sample.

3.8 ADJUSTING

A. Water-Exposed Products: Remove entire panels; do not cut and patch gypsum board.

3.9 CLEANING

A. Remove spills, spatters, and misapplications of finishing materials as they occur.

B. Repair other finish surfaces damaged during drywall operations.

3.10 PROTECTION

A. Protect adjacent surfaces from gypsum panel compounds, adhesives, and sealants.

B. Protect finished gypsum panels from being marred from ongoing Work.

END OF SECTION

SECTION 096500

RESILIENT FLOORING

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Resilient base and accessories.
   2. Resilient tile flooring.
   3. Resilient stair accessories.

B. Related Requirements.
   1. Section 03 3000 - Cast-in-Place Concrete: Restrictions on curing compounds for concreteslabs and floors.

1.2 REFERENCES

A. Reference Standards:
   1. ASTM D412 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers--Tension.
   2. <Document Number>
   3. <Issue>
   4. <Document Title>

1.3 ADMINISTRATIVE REQUIREMENTS

A. Coordination Procedures:
   1. Coordinate installation of resilient basewith installation of wall protection and wainscot .

B. Preinstallation Meeting Attendees and Procedures:
   1. Conduct meeting one week, minimum, before starting Work of this Section.

C. Sequencing Procedures:
   1. Complete Work results of this Section after concrete substrate has cured.

1.4 ACTION SUBMITTALS

A. Product Data:
   1. Resilient flooring products.

2. Resilient accessories.
3. Installation materials.
4. Initial selection color charts.

B. Shop Drawings.
1. Special patterns.

C. Product Schedule: Resilient flooring products.

D. Samples:
1. Resilient Tile Flooring: Full sized Samples of each product.
2. Stair Accessories: 12 inch lengths of tread, riser, and Stringer units.
3. Resilient Base: 6 inch length of each product.
4. Resilient Moldings: 6 inch length of each product.
5. Cap Strips: 6 inch Samples.

1.5 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For resilient flooring.

1.6 MAINTENANCE MATERIAL SUBMITTALS

A. Extra Stock Materials:
1. Resilient Tile Flooring: Unused full tiles plus one box per every 50 boxes installed, but not less than one box.
2. Resilient Base: 10 linear feet minimum of each type.

1.7 QUALITY ASSURANCE

A. Mockups: Install resilient flooring on 4'-5" x 3' section of the Pedicure Venting Pedestal.

1.8 DELIVERY, STORAGE, AND HANDLING

A. Storage and Handling Requirements:
1. Store resilient flooring indoors and within manufacturer recommended ambient temperature range.
2. Store resilient tile flooring on flat surfaces.

1.9 FIELD CONDITIONS

A. Ambient Conditions: Perform Work within following limitations.
   1. Building enclosed and environmental systems maintaining design conditions for Owner occupancy.
   2. Establish ambient conditions 48 hours, minimum before and maintain conditions during and 48 hours, minimum after installation.

PART 2 PRODUCTS

2.1 RESILIENT TILE FLOORING

~~A.~~ **(ADDENDUM #02)** ~~Vinyl Composition Floor Tile, RT-3: ASTM F1066.~~
~~1. Manufacturers and Products: See Finish Legend on Drawings.~~
~~2. Wearing Surface: Smooth.~~
~~3. Class: 2.~~
~~4. Thickness: 0.125 inch.~~
~~5. Size: 12 by 12 inches.~~
~~6. Color: See Drawings.~~

B. **(ADDENDUM #02)** *Luxury Vinyl Tile, RT-3: ASTM F3261, textured vinyl tile with rigid polymer core.*
1. Manufacturers and Products: See Finish Legend on Drawings.
2. Substitutions: Permitted.
3. Class: I.
4. Wear Layer: Light Commercial, 12 mil.
5. Backing: Class A.
6. Overall Thickness: 2 mm.
7. Size: Manufacturer standard.
8. Features: Square Edges.
9. Color: See Drawings.
10. Installation: Adhered.

C. Rigid Mineral Core Resilient Tile, RT-1, RT-2: ASTM F3261, textured vinyl tile with rigid polymer core.
   1. Manufacturers and Products: See Finish Legend on Drawings.
   2. Class: I.
   3. Type: A, Smooth and B, Embossed.
   4. Backing: [Class A] and [Class B].
   5. Overall Thickness: .236 inches.
   6. Size: See Drawings.
   7. Features: Micro-beveled edges and Decorative printed layer.
   8. Color: See Drawings.
   9. Installation: Adhered.

2.2 RESILIENT BASE

A. Rubber Base, RB-1: ASTM F1861 Type TS.
   1. Manufacturers and Products: See Finish Legend on Drawings.
   2. Style: B, Cove.
   3. Height: 4 inches.
   4. Length: Coils.
   5. Inside Corners: Job formed and Provide mitered internal corners and end stops.
   6. Outside Corners: Preformed.
   7. Color: See Drawings.

B. Rubber Base[, RB-2]: ASTM F1861 Type TP.
   1. Manufacturers and Products: See [Finish Legend] on Drawings.
   2. Style: D, Sculptured.
   3. Height: [4 inches].
   4. Length: 8 feet.
   5. Inside Corners: [Job formed] and [Provide mitered internal corners and end stops].
   6. Outside Corners: [Preformed].
   7. Color: [See Drawings].

2.3 RESILIENT MOLDINGS

A. Rubber Transition Strips, Rubber Reducer and *T-molding* **(ADDENDUM #02):**
   1. Manufacturers and Products:
      a. **(ADDENDUM #02)** ~~Johnsonite/Tarkett, as basis of design.~~
      b. **(ADDENDUM #02)** *Shaw Contract, as basis of design.*
   2. *Color: Night 0066* **(ADDENDUM #02).**
   3. Profiles: See Drawings.
      a. **(ADDENDUM #02)** *T-Molding: Shaw Contract 1.125" snap down T-Mold*

2.4 STAIR ACCESSORIES

A. Stair Covers, RST-1: ASTM F2169; rubber.
   1. Manufacturers and Products: See Finish Legend on Drawings.
   2. Type: TP.
   3. Class: 2.
   4. Group: 2.
   5. Nosing Height: 2 inches.
   6. Nosing Style: Square, adjustable.
   7. Thickness: 1/4 inch and tapered to back edge.
   8. Size: Dimensions required to fit each stair tread and riser in one piece [or in equal lengths for treads exceeding maximum manufactured lengths].
   9. Configuration: Integral risers.
   10. Stringers Covers: Cut to fit.
   11. Color: See Drawings.

2.5 PERFORMANCE REQUIREMENTS

A. Fire Test Response Characteristics:
   1. Class I per ASTM E648 and NFPA 253, Critical Radiant Flux Classification.

2.6 INSTALLATION MATERIALS

A. Patching and Leveling Materials: Flooring manufacturer recommended products for applicable substrates.

B. Edge Strips: Metal; profiles shown on Drawings.
   1. Colors: See Drawings.

C. Adhesives: Flooring manufacturer recommended water based product.
   1. VOC Content: 50 g/L, maximum.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verify that concrete floors have cured 28 days, minimum.

B. Moisture and Alkalinity Testing: See Section 090561.

3.2 PREPARATION

A. Preparing Concrete Substrates: See Section 090561.

3.3 TILE FLOORING INSTALLATION

A. Mix materials from multiple containers for consistent blend of colors.

B. Lay out tiles so that units at opposite walls are equal width and more than half size.

C. Install tiles in pattern on Drawings.

D. Extend tile into recesses and under equipment.

E. Terminate tile flooring at centerline of doors where adjacent floor finish is dissimilar, unless otherwise indicated on drawings.

F. Scribe and cut tile for close fit at vertical surfaces so that cut edge will be concealed by wall base or other trim.

G. Install tile with full adhesive coverage.

H. Roll tile to eliminate entrapped air and ensure full adhesion.

I. Install edge strips where tile terminates against dissimilar flooring. Butt end seams tight.

J. Install free lay flooring securely interconnected and full seated on substrate.

3.4 BASE INSTALLATION

A. Installation:
   1. Form tight joints.
   2. Align the tops of bases with adjacent units.
   3. Ensure continuous contact between base and substrate. Fill voids between base and substrate with manufacturer recommended filler material.
   4. Do not stretch base.

B. Preformed Corners: Install formed pieces before straight pieces.

C. Job Formed Corners:
   1. Outside Corners: Form bends without discoloration in corners.
   2. Inside Corners: [Miter].

3.5 STAIR ACCESSORIES INSTALLATION

A. Resilient Stair Accessories:
   1. Use stair tread nose filler to fill nosing substrates that do not conform to tread contours.
   2. Tightly adhere to substrates throughout length of each piece.

B. For treads installed as separate, equal length units, install to produce a flush joint between units.

3.6 CLEANING AND PROTECTION

A. Remove excess adhesive.

B. Do not allow traffic on flooring until adhesives have fully set.

C. Provide surface protection during construction period.

END OF SECTION

SECTION 099000

PAINTING AND COATING

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes.
   1. Interior paint and stain systems.
   2. Exterior paint and stain systems.
   3. High-performance coating systems.

B. Related Requirements:
   1. Section 06 2000 - Finish Carpentry
   2. Section 09 2116 - Gypsum Board Assemblies.
   3. *Section 097200 - Wall Coverings* **(ADDENDUM #02)**
   4. *Section 102600 - Wall and Door Protection* **(ADDENDUM #02)**

1.2 REFERENCES

A. Definitions:
   1. Sheen Levels: ASTM D523.
      a. Flat: Five gloss units at 60 degrees and 10 gloss units at 85 degrees, maximum.
      b. Eggshell: 10 to 25 gloss units at 60 degrees and 10 to 35 gloss units at 85 degrees.
      c. Satin: 20 to 35 gloss units at 60 degrees and 35 gloss units minimum at 85 degrees.
      d. Semigloss: 35 to 70 gloss units at 60 degrees.
      e. Gloss: 70 gloss units at 60 degrees, minimum.

1.3 ADMINISTRATIVE REQUIREMENTS

A. Preinstallation Meeting:
   1. Conduct meeting one month, minimum, before starting Work of this Section.
   2. Additional Agenda Items:
      a. Review moisture testing requirements and results.
      b. Review substrate preparation requirements and methods.

1.4 ACTION SUBMITTALS

A. Product Data.

B. Samples:
   1. Draw Down Samples: Each type of paint system and each topcoat color and gloss.
      a. Label each Sample for paint system, location, and substrate.

1.5 SUSTAINABILITY SUBMITTALS

A. Indoor Air Quality Certificates:
   1. Certify VOC content for interior paints and coatings and primers.

1.6 CLOSEOUT SUBMITTALS

A. Maintenance Data:
   1. Cleaning, touch up, and repair instructions for painted and coated surfaces.
   2. Area summary with finish schedule and Samples, designating where each product, color and finish was used.

1.7 MAINTENANCE MATERIAL SUBMITTALS

A. Extra Stock Materials:
   1. Paint from same product run as installed materials.
      a. Quantity: 5 percent, but not less than 1 gallon of each material and color.

1.8 QUALITY ASSURANCE

A. Field Samples: Apply each paint systems to substrates as directed by Architect. Demonstrate texture, color, and application quality.
   1. Approved Samples establish Work results standard.

1.9 DELIVERY, STORAGE, AND HANDLING

A. Storage and Handling Requirements:
   1. Store paint products in sealed containers until ready for use.

1.10 FIELD CONDITIONS

A. Apply materials only when surface and ambient temperatures are within temperature ranges required by paint product manufacturer.

B. Apply exterior coatings when rain or snow are not occurring or forecasted, and when relative humidity is inside humidity ranges, and moisture content of surfaces is within acceptable levels required by paint product manufacturer.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Manufacturers:
   1. BEHR.
   2. Benjamin Moore.
   3. Pittsburgh Paints.
   4. PPG Protective and Marine Coatings.
   5. Scuffmaster.
   6. Sherwin-Williams.
   7. Tnemec.

B. Products: Scheduled in this Section.

2.2 PAINT, GENERAL

A. Colors: Basis of design manufacturer designations, see Finish Legend on Drawings.

B. Paint Systems: Primers, intermediate coats and topcoats compatible with substrates and one another.

C. Coatings: Ready mixed or field catalyzed.

D. Preparation:
   1. Mix to soft paste consistency, capable of being readily and uniformly dispersed to homogeneous coating.
   2. Blend tints and catalyzers to uniform consistency and color, capable of drying or curing free of streaks or sags.

2.3 SUSTAINABILITY CHARACTERISTICS

A. Indoor Environmental Quality Requirements: [See Section 018113.]
   1. Adhesives and Sealants and Paints and Coatings: Maximum VOC content per SCAQMD Rule 1168.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verification of Conditions: Verify substrates are ready to receive Work.

B. Preinstallation Testing: Test moisture content of substrate does not exceed the following:
   1. Fiber Cement Board: 12 percent.
   2. Wood: 15 percent.
   3. Gypsum Board: 12 percent.

C. Gypsum Board: Verify finishing compound is dried and sanded smooth.

3.2 PREPARATION

A. Surface Preparation: Mask electrical plates, hardware, trim, escutcheons, and fittings. Correct defects in substrates capable of affecting Work.

B. Cleaning: Remove substances that could impair paint bond, including dust, oil, grease, and incompatible coatings.
   1. Impervious Surfaces: Remove mildew by scrubbing with cleaning solution recommended by finish coating manufacturer. Rinse with clean water and allow surface to dry.
   2. Gypsum Board Surfaces: Fill minor defects with filler compound. Spot prime defects after repair.
   3. Concrete and CMU Surfaces: Remove dirt, loose mortar, scale, efflorescence and chalk. Remove oil and grease by scrubbing with cleaning solution recommended by finish coating manufacturer. Rinse with clean water and allow surface to dry.
   4. Non-Passivated Galvanized Surfaces: Smooth and hand or power tool clean per ASTM D6386.
   5. Passivated Galvanized Surfaces: Remove soluble and insoluble contaminants and corrosion. Sweep blast per ASTM D6386 to achieve uniform 1.0 to 2.0 mil anchor profile.
   6. Uncoated Steel: Remove rust and loose mill scale. Clean per SSPC-SP2 Hand Tool Cleaning.
   7. Primed Steel: Clean field welds, fasteners, and abraded shop primer.
   8. Wood Surfaces:
      a. Wipe off dust and grit. Seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after primer has dried.
      b. Backprime concealed surfaces.

3.3 APPLICATION

A. Follow manufacturer instructions for application method, thickness of coatings, and number of coats.
   1. Apply finishes when surfaces are dry. Allow applied coats to dry before next coat is applied.
   2. Apply each coat of paint slightly darker than preceding coat.
   3. Apply coatings to uniform appearance.
   4. Sand wood and metal surfaces lightly between coats.
   5. Leave testing agency and equipment identification labels unpainted.

B. Appearance:
   1. Apply paints without imperfections.
   2. Edges and Color Breaks: Produce sharp edges.

3.4 PAINTING MECHANICAL EQUIPMENT

A. Paint the following equipment when exposed in occupied spaces and exterior areas:
   1. Electrical panelboards and switchgear.
   2. Piping.
   3. Ductwork.
   4. Pipe hangers.
   5. Conduit.
   6. Unfinished tanks.
   7. Shop-primed equipment.

B. Paint interior surfaces of air ducts visible through grilles with one coat of flat black paint.

3.5 FIELD QUALITY CONTROL

A. Field Tests and Inspections: Engage inspectors to perform tests and inspections and prepare reports. Allow inspectors access to Work areas.
   1. Failed Test Retest Cost: Contractor responsibility.

B. Testing: Dry film thickness.

C. Non-Conforming Work: Remove and replace or apply additional coats, and retest.

3.6 CLEANING

A. Remove rubbish, empty cans, rags, and other discarded materials.

B. Remove splattered paints. Protect adjacent surfaces from damage.

3.7 PROTECTION

A. Protect painted surfaces from subsequent Work. Touch up and restore damaged painted surfaces.

3.8 INTERIOR PAINTING SCHEDULE

A. PS-1AGypsum Board Walls:
   1. Latex Primer:
      a. BEHR: Drywall Plus Interior Primer & Sealer 73.
      b. Benjamin Moore: Ultra Spec 500 Interior Latex Primer N534.
      c. Pittsburgh Paints: SPEEDHIDE zero Interior Latex Sealer 6-4900XI.
      d. Sherwin-Williams: ProMar 200 Zero VOC Interior Latex Primer.
      e. Tnemec: Series 151 Elasto-Grip.
   2. Epoxy Topcoat: Semigloss finish.
      a. BEHR: Behr Pro Pre-Catalyzed Waterborne Epoxy.
      b. Benjamin Moore: Corotech Pre Catalyzed Epoxy.
      c. Pittsburgh Paints; PITT-GLAZE WB1 Interior Pre-Catalyzed Water-Borne Acrylic Epoxy.
      d. Sherwin-Williams: Pro Industrial Pre-Catalyzed Water Based Epoxy.
      e. Tnemec: Series 113/114 H.B. Tneme-Tufcoat.

B. PS-1B Gypsum Board **(ADDENDUM #02)** *Walls and Ceilings:*
   1. Latex Primer:
      a. BEHR: Drywall Plus Interior Primer & Sealer 73.
      b. Benjamin Moore: Ultra Spec 500 Interior Latex Primer N534.
      c. Pittsburgh Paints: SPEEDHIDE zero Interior Latex Sealer 6-4900XI.
      d. Sherwin-Williams: ProMar 200 Zero VOC Interior Latex Primer.
      e. Tnemec: Series 151 Elasto-Grip.
   2. Acrylic Latex Enamel Topcoat: Eggshell finish.
      a. BEHR: Behr Pro i300 Interior.
      b. Benjamin Moore: Ultra Spec 500 Series.
      c. Pittsburgh Paints: SPEEDHIDE Zero Interior Latex.
      d. Sherwin-Williams: ProMar 200 Zero VOC Interior Latex.
      e. Tnemec: Series 1029 Enduratone low semigloss.

C. **(ADDENDUM #02)** *PS-1C[Gypsum Board]Walls to receive wall covering finish:*
   1. Acrylic Polymer Wallcovering Primer: (WP-2, WP-3)
      a. Roman: Pro 977 Ultraprime Primer
   2. Acrylic Wallcovering Primer: (WP-1, WP-4)
      a. *See Section 102600 - Wall and Door Protection*

D. PS-2A Steel Doors and Frames:
   1. Pre Primed Metal: Touch up with same shop primer product used by manufacturer.
   2. Latex Primer:
      a. BEHR: Multi-Surface Interior/Exterior Primer & Sealer 436.
      b. Benjamin Moore: Ultra Spec HP Acrylic Metal Primer HP04.

c. Pittsburgh Paints: Pitt-Tech Plus DTM 4020PF.
d. Sherwin-Williams: Pro Industrial Pro-Cryl Universal Primer B66-1310 Series.
e. Tnemec: Series 115 UniBond DF.

3. Waterbased Alkyd Enamel: Semigloss finish.
   a. BEHR: Urethane Alkyd Enamel.
   b. Benjamin Moore: ADVANCE Waterborne Interior Alkyd.
   c. Pittsburgh Paints: SPEEDHIDE Interior/Exterior WB Alkyd.
   d. Sherwin-Williams: ProMar 200 Interior Waterbased Acrylic-Alkyd.
   e. Tnemec: Series 2H Hi-Build Tneme-Gloss.

E. PS-2B Steel Railings:
   1. Pre Primed Metal: Touch up with same shop primer product used by manufacturer.
   2. Latex Primer:
      a. BEHR: Interior/Exterior Metal Primer, 435.
      b. Benjamin Moore: Ultra Spec HP Acrylic Metal Primer HP04.
      c. Pittsburgh Paints: Pitt-Tech Plus DTM 4020PF.
      d. Sherwin-Williams: Pro Industrial Pro-Cryl Universal Primer B66-1310 Series.
      e. Tnemec: Series 115 UniBond DF.
   3. Waterbased Alkyd Enamel: Semigloss finish.
      a. BEHR: Urethane Alkyd Enamel.
      b. Benjamin Moore: ADVANCE Waterborne Interior Alkyd.
      c. Pittsburgh Paints: SPEEDHIDE Interior/Exterior WB Alkyd.
      d. Sherwin-Williams: ProMar 200 Interior Waterbased Acrylic-Alkyd.
      e. Tnemec: Series 2H High Build Tneme-Gloss.

F. PS-2C Galvanized Steel Substrates:
   1. Latex Primer:
      a. BEHR: Multi-Surface Interior/Exterior Primer & Sealer 436.
      b. Benjamin Moore: Ultra Spec HP Acrylic Metal Primer HP04.
      c. Pittsburgh Paints: Pitt-Tech Plus EP Interior/Exterior DTM Industrial Enamel 90-1912 Series.
      d. Sherwin-Williams: Pro Industrial Pro-Cryl Universal Primer B66-1310 Series.
      e. Tnemec: Series 115 UniBond DF.
   2. Acrylic Latex Enamel: Semigloss finish.
      a. BEHR: PREMIUM Interior/Exterior Direct to Metal Paint.
      b. Benjamin Moore: Ultra Spec HP D.T.M Acrylic Enamel.
      c. Pittsburgh Paints: Pitt-Tech Plus EP Interior/Exterior DTM Industrial Enamel.
      d. Sherwin-Williams: Pro Industrial Acrylic.
      e. Tnemec: Series 115 UniBond DF.

G. PS-3 Overhead Construction:
   1. Water Based Interior Dry Fog: Flat finish.
      a. BEHR: Pro HPC Waterborne Dryfall HP210.
      b. Benjamin Moore: Latex Dry Fall.
      c. Pittsburgh Paints: SPEEDHIDE SuperTech Interior Latex Dry-Fog.
      d. Sherwin-Williams: Pro Industrial Waterborne Acrylic Dryfall.
      e. Tnemec: Series 115 UniBond DF.

H. PS-4 Wood Doors, Wainscot, and Window Sills:
   1. Latex Primer:
      a. BEHR: Drywall Plus Interior Primer & Sealer 73.
      b. Benjamin Moore: Advance Waterborne Interior Alkyd Primer 790.
      c. Pittsburgh Paints: Seal-Grip Interior/Exterior Universal Primer/Sealer 17-921XI.
      d. Sherwin-Williams: PrepRite ProBlock Interior/Exterior Latex Primer/Sealer B51-600.
      e. Tnemec: Series 151 Elasto-Grip.
   2. Acrylic Latex Enamel: Semigloss finish.
      a. BEHR: Behr Pro i300 Interior.
      b. Benjamin Moore: Ultra Spec 500 Series.
      c. Pittsburgh Paints: SPEEDHIDE Zero Interior Latex.
      d. Sherwin-Williams: ProMar 200 Zero VOC Interior Latex.
      e. Tnemec: Series 1029 Enduratone low semigloss.

I. PS-5 Interior Wood Trim Stain and Varnish System:
   1. Polyurethane - Satin Finish: 1st and 2nd Coats
      a. Sherwin-Williams Minwax Waterbased Oil-Modified Polyurethane

3.9 SPECIALTY INTERIOR PAINTING SCHEDULE

A. PS-6 Scuff Resistant Coatings:
   1. Latex Primer:
      a. Scuffmaster: Scuffmaster Primer/Sealer.
      b. BEHR: Multi-Surface Interior/Exterior Primer & Sealer 436.
      c. Benjamin Moore: Ultra Spec 500 Interior Latex Primer N534.
      d. Pittsburgh Paints: Seal Grip Interior/Exterior Universal Primer/Sealer 17-921XI.
      e. Sherwin-Williams: ProMar 200 Zero VOC Interior Latex Primer.
   2. Scuff Resistant Latex: Eggshell finish.
      a. Scuffmaster: Scuffmaster Scrubtough.
      b. BEHR: ULTRA SCUFF DEFENSE.
      c. Benjamin Moore: Ultra Spec Scuff-X.
      d. Pittsburgh Paints: UltraLast Interior.
      e. Sherwin-Williams: Scuff Tuff Interior Waterbased Enamel.

3.10 EXTERIOR PAINTING SCHEDULE

A. *Bid Alternate* **(ADDENDUM #02)**: PS-7 Fiber Cement Board Substrates:
   1. Primer:
      a. BEHR: Multi-Surface Interior/Exterior Primer & Sealer 436.
      b. Benjamin Moore: Ultra Spec Masonry Interior/Exterior 100% Acrylic Sealer 608.
      c. Pittsburgh Paints: PERMA-CRETE Interior/Exterior Alkali Resistant Primer 4-603XI.
      d. Sherwin-Williams: Loxon Concrete and Masonry Primer/Sealer LX02.
      e. Tnemec: Series 151 Elasto-Grip.
   2. Exterior Acrylic Latex Topcoat: Eggshell finish.

a. BEHR: PRO e600 Exterior Paint.
b. Benjamin Moore: Ultra Spec Exterior Enamel.
c. Pittsburgh Paints: SPEEDHIDE Exterior Latex.
d. Sherwin-Williams: A-100 Series.
e. Tnemec: Series 1029 Enduratone low semigloss.

B. PS-9 Unprimed Ferrous Metal:
1. Rust Inhibitive Alkyd Primer:
a. BEHR: Interior/Exterior Metal Primer 435.
b. Benjamin Moore: Super Spec HP Alkyd Metal Primer P06.
c. Pittsburgh Paints: Multiprime 4360.
d. Sherwin-Williams: Kem Bond HS, B50 Series.
e. Tnemec: Series V10 Tnemec Primer.
2. Latex Topcoat: Semigloss finish.
a. BEHR: PREMIUM Direct to Metal Semi-Gloss Paint 3200.
b. Benjamin Moore: Ultra Spec HP D.T.M. Acrylic HP29.
c. Pittsburgh Paints: Pitt-Tech Plus EP Interior/Exterior DTM Industrial Enamel 90-1610.
d. Sherwin-Williams: A-100 Series.
e. Tnemec: Series 1029 Enduratone.

C. PS-10 Galvanized Steel:
1. Primer:
a. BEHR: Multi-Surface Interior/Exterior Primer & Sealer 436.
b. Benjamin Moore: Ultra Spec HP D.T.M. Acrylic HP29.
c. Pittsburgh Paints: Pitt-Tech Plus EP Interior/Exterior DTM Industrial Primer 90-1912 Series.
d. Sherwin-Williams: Pro Industrial ProCryl Universal Primer B66-1300 Series.
e. Tnemec: Series 115 UniBond DF.
2. Latex Topcoat: Semigloss finish.
a. BEHR: PREMIUM Direct to Metal Semi-Gloss Paint 3200.
b. Benjamin Moore: Ultra Spec HP D.T.M. Acrylic HP29.
c. Pittsburgh Paints: Pitt-Tech Plus EP Interior/Exterior DTM Industrial Enamel 90-1610.
d. Sherwin-Williams: A-100 Series.
e. Tnemec: Series 1029 Enduratone.

D. Wood Trim:
1. Latex Primer:
a. BEHR: Multi-Surface Interior/Exterior Primer & Sealer 436.
b. Benjamin Moore: Fresh Start High Hiding All Purpose Primer 046.
c. Pittsburgh Paints: Seal-Grip Interior/Exterior Universal Primer/Sealer 17-921XI.
d. Sherwin-Williams: Exterior Latex Wood Primer B42W08041.
e. Tnemec: Series 151 Elasto-Grip.
2. Exterior Acrylic Latex Topcoat: Eggshell finish.
a. BEHR: PRO e600 Exterior Paint.
b. Benjamin Moore: Ultra Spec EXT.

c. Pittsburgh Paints: SPEEDHIDE Exterior Latex.
d. Sherwin-Williams: A-100 Exterior Acrylic Latex.
e. Tnemec: Series 1029 Enduratone low semigloss.

E. **(ADDENDUM #02)** *Wood Beams and Columns:*
1. Exterior Polyurethane Semi-Transparent Stain:
a. Sherwin -Williams: WoodScapes® Exterior Polyurethane Semi-Transparent House Stain

END OF SECTION

SECTION 102123

CUBICLE CURTAINS AND TRACK

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes.
   1. Curtain tracks.
   2. Curtains.

1.2 ADMINISTRATIVE REQUIREMENTS

A. Coordination Procedures:
   1. Coordinate track installation with ceiling installation

B. Preinstallation Meeting Attendees and Procedures:
   1. Conduct meeting one month, minimum, before starting Work of this Section.

C. Sequencing Procedures:
   1. Complete installation of curtain track support sets before installation of acoustical ceiling tiles.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings:
   1. Track layout.
   2. Blocking requirements and locations.
   3. Mounting details.

C. Samples:
   1. Curtain Fabric: 10 inches, minimum.
   2. Track: 10 inches, minimum.
   3. Carriers: Full size.

1.4 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For cubicle curtains and tracks.

1.5 MAINTENANCE MATERIAL SUBMITTALS

A. Extra Stock Materials:
   1. Track and Carriers: 3 percent, minimum.
   2. Curtains: (1) extra curtain.

1.6 QUALITY ASSURANCE

A. Mockups: Install (1) cubicle curtain and track run. Demonstrate work quality.

PART 2 PRODUCTS

2.1 CURTAIN TRACKS

A. Curtain Track: Extruded aluminum, manufacturer standard track dimensions.
   1. Manufacturers and Products:
      a. *Sampson Mills* **(ADDENDUM #02)**
      b. ~~Silent Gliss USA Inc.~~ **(ADDENDUM #02)**
   2. Substitutions: Permitted.
   3. Track and Curtain Accessories: Manufacturer standard accessories of same material and finish as track.
      a. Suspended Track Supports: *3/8 inch minimum* **(ADDENDUM #02)** diameter tubes, 30 inches from ceiling to track bottom surface. Track supports to be mounted through gaps in acoustical ceiling tile and attached to structure above.
      b. End Stops: Removable with hook.
   4. **(ADDENDUM #02)** *Carriers: Provide sufficient quantity for S-Fold curtain at 20% Fullness.*
      a. *Glide Carriers: One piece nylon glide with chrome plated steel grommet hooks.*
   5. **(ADDENDUM #02)** ~~Carriers: Provide sufficient quantity to space 6 inches apart, maximum, along curtain length~~.
      ~~a. Glide Carriers: One piece nylon glide with chrome plated steel hooks.~~
   6. Fasteners:
      a. Concealed: Hot dip galvanized.
   7. Track Finish: Clear anodized.
   8. **(ADDENDUM #02)** *ADA Curtain Wand: White finish, removeable*.

2.2 CURTAINS

A. Cubicle Curtain Fabric: Flame resistant, stain resistant, and antimicrobial.
   1. Manufacturers and Products: See Finish Legend on Drawings.
   2. Curtain Features:
      a. ~~Snap Attachments: Manufacturer standard.~~ **(ADDENDUM #02)**
      b. **(ADDENDUM #02)** *Curtain Grommets: 1/2" diameter, two piece, rolled edge, rustproof.*

2.3 CURTAIN FABRICATION

A. **(ADDENDUM #02)** ~~Width: Track length plus 10 percent minimum and 12 percent maximum~~.

B. **(ADDENDUM #02)** *Width: Track length plus 20 percent.*

C. Length: Floor to track height, minus depth of track and carrier at top, and minus 12 inches clearance above the finished floor. Omit mesh top.

D. Top Hem: 1 to 1-1/2 inch, triple thickness, reinforced and double lockstitched.

E. Bottom Hem: 1 to 1-1/2 inch width, double thickness and single lockstitched.

F. Side Hems: 1 to 1-1/4 inch width, double turned edges, and single lockstitched.

G. Vertical Seams: 1/2 inch wide, minimum, double turned and double stitched.

2.4 PERFORMANCE

A. Flame Resistance:
   1. Curtains: NFPA 701.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verify surfaces are ready to receive Work.

3.2 INSTALLATION

A. Track Mounting: Suspended.

B. Install tracks level and plumb.

C. Hang curtains on tracks.

END OF SECTION

SECTION 102600

WALL AND DOOR PROTECTION

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes.
   1. Corner guards.
   2. Wall protection.

B. Related Requirements.
   1. Section 09 2116 Gypsum Board Assemblies.

1.2 ADMINISTRATIVE REQUIREMENTS

A. Coordination Procedures:
   1. Coordinate installation of wall mounted products with concealed blocking and anchors.

B. Preinstallation Meeting Attendees and Procedures:
   1. Conduct meeting one month, minimum, before starting Work of this Section.

1.3 ACTION SUBMITTALS

A. Product Data:
   1. Show physical dimensions, features, anchorage details, and rough-in measurements.

B. Shop Drawings:
   1. Show locations, extent, details, and attachments to other Work.

C. Samples:
   1. Linear Corner Guards: Full sized sections, 12 inches long.
   2. Sheet Wall Protection: 6 by 6 inches.

1.4 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For wall and door protection, describing cleaning and repair procedures.

1.5 MAINTENANCE MATERIAL SUBMITTALS

A. Extra Stock Materials:
   1. Cornerguards: 2 percent of installed materials; 16 linear feet minimum.
   2. Wall protection: 2 percent of installed materials; and 1 sheet minimum.

1.6 QUALITY ASSURANCE

A. Qualifications:
   1. Installers: Trained and approved by manufacturer.

1.7 FIELD CONDITIONS

A. Ambient Conditions: Perform Work within following limitations.
   1. Building enclosed and environmental systems maintaining design conditions for Owner occupancy.
   2. Temperature: Maintain 70 degrees F for 72 hours, minimum, before installation.

B. Existing Conditions: Verify field measurements before fabrication. Show field measurements on Shop Drawings.

1.8 WARRANTY

A. Manufacturer Warranty:
   1. Impact Resistant Wall Units: Warrant against product failure.
      a. Failure includes structural failures, deterioration of plastic and other material under normal use.
      b. Warranty Period: Lifetime.

PART 2 PRODUCTS

2.1 CORNER GUARDS

A. Surface Mounted Stainless Steel Corner Guards, CG-1:
   1. Manufacturers and Products:
      a. Construction Specialties, Inc.
      b. InPro Corporation.
      c. Korogard.
   2. Configuration:
      a. Leg Length: 1-1/2 inches.
      b. Installation: Adhesive.
   3. Stainless Steel Finish: #4.

2.2 WALL PROTECTION

A. Sheet Wall Protection, WP-1, WP-4: PVC- Free Rigid plastic, adhesive mounted.
   1. Manufacturers and Products:
      a. Construction Specialties, Inc.
      b. InPro Corporation.
      c. Korogard.
      d. Pawling Corporation.
   2. Thickness: 0.040 inches nominal, minimum.
   3. Height: See Drawings.
   4. Color: See Drawings.
   5. Texture: See Drawings.

2.3 MATERIALS

A. Aluminum Extrusions: ASTM B221, manufacturer standard alloy and temper.

B. Adhesives: Manufacturer recommended products.
   1. VOC Content: 50 g/L, maximum.

C. Stainless Steel Sheet: ASTM A240/A240M.

D. Fasteners: Type, size, and material to suit each application.

2.4 FABRICATION

A. General: Factory assemble components to greatest extent possible to minimize field assembly.

B. Fabricate components with tight joints, corners and seams.

2.5 FINISHES

A. Protect metal finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

B. Stainless Steel: #4.

C. Aluminum: Clear anodized.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verification of Conditions: Verify wall conditions follow manufacturer recommendations.

3.2 INSTALLATION

A. Install wall and door protection plumb and level.

B. Mounting Height from Finished Floor:
   1. Corner Guards: See Drawings.

C. **(ADDENDUM #02**) *Sheet Wall Protection: Prime new drywall surfaces with acrylic, water-based primer: Acrovyn Interiors Waterbased Mastic Primer*

D. Sheet Wall Protection: Adhere to walls. Make seams uniform and hairline. Align exposed edges. Install with manufacturer aluminum edge trims at sheet terminations. Install using color-matched caulk at seams and inside corners.

3.3 CLEANING

A. Clean Work after installation. Remove excess adhesive.

END OF SECTION

PART 2
REVISIONS TO THE WORKING DRAWINGS

KLAMATH COMMUNITY COLLEGE

COSMETOLOGY CENTER

ABBREVIATIONS

ABV	ABOVE
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
ADR	ART DISPLAY RAIL
AFF	ABOVE FINISH FLOOR
AFP	ACOUSTICAL FIBERBOARD PANEL
AL /ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX	APPROXIMATELY
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
ATTM	ATTACHMENT
ARCH	ARCHITECTURAL
@	AT
AWC	ACOUSTIC WALL COVERING
AWI	ACOUSTIC WALL INSULATION
AWP	ACOUSTIC WALL PANEL
BD	BOARD
BLDG	BUILDING
CB	CATCH BASIN
CG	CORNER GUARD
CJ	CONTROL JOINT
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CON	CONCRETE
CONT	CONTINUOUS
COORD	COORDINATE
CPT	CARPET TILE
CT	CERAMIC TILE
℄	CENTER LINE
DBA	DEFORMED BAR ANCHOR
DEG	DEGREE
DIA OR Ø	DIAMETER
DIM	DIMENSION
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DTL	DETAIL
(E)	EXISTING
EL / ELEV	ELEVATION
EMT	ELECTRICAL METAL TUBING
EPP	EPOXY FLOOR PAINT
EOS	EDGE OF SLAB
EQ	EQUAL
ER	EPOXY RESIN
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
FC	FIBER CEMENT
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER IN CABINET
FF	FACTORY FINISH
FFHB	FROST FREE HOSE BIB
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FOW	FACE OF FINISH WALL
FRL	FIBER REINFORCED LAMINATE
FRP	FIBERGLASS-REINFORCED PLASTIC
FT	FOOT, FEET
FSD	FIRE SMOKE DAMPER
GA	GAUGE
GALV	GALVANIZED
GRC	GLASSFIBER REINFORCED CONCRETE
GWB	GYPSUM WALL BOARD
GWS	GLASS WRITING SURFACE
HB	HOSE BIBB
HDWR	HARDWARE
HM	HOLLOW METAL
HS	HOLLOW STEEL
HORIZ	HORIZONTAL
HT	HEIGHT
IN	INCH, INCHES
INSUL	INSULATION
INT	INTERIOR
JT	JOINT
LAM	LAMINATED
LVT	LUXURY VINYL TILE
MAX	MAXIMUM
MDF	MEDIUM-DENSITY FIBERBOARD
MECH	MECHANICAL
MFG	MANUFACTURING
MFR	MANUFACTURER
MIN	MINIMUM
MTL	METAL
MP	METAL PANEL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OH	OVERHEAD
OPH	OPPOSITE HAND
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OSSC	OREGON STRUCTURAL SPECIALTY CODE
OTA	OPEN TO ABOVE
P	PAINT
PB	PUSH BUTTON
PL	PLASTIC LAMINATE
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PS	PAINT SYSTEM
PR	PAIR
PT	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
RAF	RUBBER ATHLETIC FLOORING
RB	RUBBER BASE
RC	RESILIENT CHANNEL
RD	ROOF DRAIN
REF	REFERENCE
REQD	REQUIRED
RF	RUBBER FLOORING
RM	ROOM
RO	ROUGH OPENING
RR	RESTROOM
RST	RUBBER STAIR TREAD AND RISER
SAM	SELF-ADHERING MEMBRANE
SAMF	SELF-ADHERING MEMBRANE FLASHING
SC	SEALED CONCRETE
SDT	STATIC DISSIPATIVE TILE
SECT	SECTION
SF	SQUARE FEET
SFRM	SPRAYED FIRE-RESISTIVE MATERIAL
SHT	SHEET
SIM	SIMILAR
SM	SHEET METAL
SS	STAINLESS STEEL
SSF	SPRUNG STAGE FLOORING
SSM	SOLID SURFACE MATERIAL
STD	STANDARD
STF	SEAMLESS TROWELED FLOORING
STL	STEEL
STRUCT	STRUCTURAL
STV	SMART TV
TB	TACK BOARD
TBD	TO BE DETERMINED
TEMP	TEMPERED
TO	TOP OF
TP	TOILET PARTITION
TS	TUBE STEEL
TWS	TACKABLE WALL SURFACE
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
WD	WOOD
WAF	WOOD ATHLETIC FLOORING
WOM	WALK OFF MAT
WP	WALL PROTECTION
WRB	WEATHER RESISTIVE BARRIER

SYMBOLS

- GRID BUBBLE (0)
- ROOM TAG (ROOM 103)
- OCCUPANCY TAG (1000 | 100 / 10 | 1)
- WALL ASSEMBLY TAG (A1)
- WALL ASSEMBLY TYPE / STUD WIDTH (A2 / 6")
- EXTERIOR/INTERIOR ELEVATION TAG (1 / A1.01 / 1)
- SECTION TAG (SIM / 1 / A101)
- KEYNOTE TAG (#)
- WINDOW TAG (1)
- DOOR TAG (101)
- CASEWORK TAG (ii)
- TOILET ACCESSORY TAG (A)
- ELEVATION HEIGHT TAG
- DETAIL TAG (10 / A8.10)
- EXIT SIGN TAG
- FLOOR MATERIAL TAG (1t)
- PATTERN DIRECTION TAG
- BID ALTERNATE TAG (1)
- REVISION TAG (1)
- CEILING HEIGHT TAG (9'-0")

PROJECT DESCRIPTION

The Project involves the development of a new Cosmetology Building for Klamath Community College (KCC), designed to support both instructional activities and public salon services. This new 11,000 SF facility will replace the previous KCC cosmetology school building located in Downtown Klamath Falls.

BID ALTERNATES

-ADD ALT #1 - NORTH LANDSCAPE SCOPE (SEE CIVIL & LANDSCAPE DRAWINGS)
-ADD ALT #2 - SOLID SURFACE COUNTERTOPS (SEE ARCHITECTURAL DRAWINGS)
-ADD ALT #3 - SNOW MELT SYSTEM AT FRONT ENTRY (SEE ELEC. DRAWINGS)
-ADD ALT #4 - IRRIGATION SYSTEM (SEE LANDSCAPE DRAWINGS)
-ADD ALT #5 - PLANTING (SEE LANDSCAPE DRAWINGS)
2 -DEDUCT ALT #6 - FACTORY PRIMED AND FIELD PAINTED FIBER CEMENT PANEL

DEFFERED SUBMITTALS

-FIRE SPRINKLER SYSTEM
-FIRE ALARM SYSTEM
-LOW VOLTAGE SYSTEM

DRAWING INDEX

A8.12 (1)	Unnamed
GENERAL	
G0.00	COVER SHEET
G0.02	CODE ANALYSIS & PLANS
G0.03	ENERGY CODE & ASSEMBLIES
CIVIL	
C0.00	CIVIL COVER SHEET
C0.20	KCC CAMPUS KEY
C0.30	SITE CODE PLAN
C0.40	TOPOGRAPHIC SURVEY
C1.00	DEMOLITION PLAN
C2.00	SITE CONSTRUCTION KEY
C2.10	SITE CONSTRUCTION PLAN - AREA 1
C2.20	SITE CONSTRUCTION PLAN - AREA 2
C2.30	SITE CONSTRUCTION PLAN - AREA 3
C3.00	GRADING AND DRAINAGE KEY
C3.10	GRADING AND DRAINAGE PLAN - AREA 1
C3.20	GRADING AND DRAINAGE PLAN - AREA 2
C3.30	GRADING AND DRAINAGE PLAN - AREA 3
C4.00	CIVIL UTILITY PLAN
C4.10	PRESSURIZED SANITARY SEWER PLAN
C4.50	FRANCHISE UTILITY PLAN
C5.00	CIVIL DETAILS
2 C5.10	CIVIL DETAILS
C6.00	AGENCY STANDARD DETAILS
C6.10	AGENCY STANDARD DETAILS
C6.20	AGENCY STANDARD DETAILS
C7.00	ESCP - COVER SHEET
C7.01	ESCP - NOTES
C7.10	ESCP - EXISTING CONDITIONS
C7.20	ESCP - CONSTRUCTION STAGING AND DEMOLITION PHASE
C7.30	ESCP - CLEARING, GRADING, AND EXCAVATION PHASE
C7.40	ESCP - SITE STABILIZATION PHASE
C7.50	ESCP - UTILITY INSTALLATION PHASE
C7.60	ESCP - VERTICAL CONSTRUCTION PHASE
C7.70	ESCP - PAVING AND FLATWORK PHASE
C7.80	ESCP - PERMANENT LANDSCAPING AND STABILIZATION PHASE
C7.90	ESCP - DETAILS
C7.91	ESCP - DETAILS
LANDSCAPE	
L1.00	IRRIGATION PLAN
L2.00	SEEDING PLAN
L2.10	PLANTING PLAN
L3.00	LANDSCAPE DETAILS
ARCHITECTURAL	
A0.01	ARCHITECTURAL SITE PLAN
A0.10	TRASH ENCLOSURE
A1.00	OVERALL FLOOR PLAN - LEVEL 1
A1.01	OVERALL FLOOR PLAN - MECH MEZZANINE AND CLERESTORY
A1.10	OVERALL DIMENSION PLAN
A2.01	OVERALL ROOF PLAN
A3.01	EXTERIOR ELEVATIONS
A3.10 2	3D AXONOMETRIC VIEWS
A3.11	3D AXONOMETRIC VIEWS
A4.01	BUILDING SECTIONS
A4.10	WALL SECTIONS
A4.11	WALL SECTIONS
A5.01	ENLARGED PLANS & ELEVATIONS
A5.02	ENLARGED PLANS & ELEVATIONS
A5.10	INTERIOR ELEVATIONS
A5.11	INTERIOR ELEVATIONS
A5.12	INTERIOR ELEVATIONS
A5.13	INTERIOR ELEVATIONS
2 A6.01	REFLECTED CEILING PLAN
A6.02	ENLARGED REFLECTED CEILING PLAN
A7.01	VERTICAL CIRCULATION
A8.01	SPECIALTY EQUIPMENT PLAN AND DOOR SCHEDULE
A8.02	WINDOW SCHEDULES
A8.03	CASEWORK DETAILS AND SCHEDULE
A8.04	CASEWORK DETAILS AND SCHEDULE
A8.05	CASEWORK DETAILS - RECEPTION DESK
2 A8.08	EXTERIOR DETAILS - CANOPY
A8.09	EXTERIOR DETAILS
A8.10	EXTERIOR DETAILS
A8.11	EXTERIOR DETAILS - OPENINGS
A8.12	EXTERIOR DETAILS
A9.01	FINISH LEGEND & SCHEDULES
A9.10	FINISH PLAN - LEVEL 1
A9.11	INTERIOR DETAILS
A9.12	INTERIOR DETAILS
STRUCTURAL	
S0.10	STRUCTURAL GENERAL NOTES
S0.20	SPECIAL INSPECTIONS AND TESTING
S0.30	SPECIAL INSPECTIONS AND TESTING
S0.40	ROOF LOADING PLAN
S1.10	FOUNDATION AND MEZZANINE FLOOR FRAMING PLAN
S2.10	ROOF FRAMING PLAN
S3.10	TYP. F.T.A.O. WALL ELEVATION
S4.10	FOUNDATION DETAILS
S4.20	FOUNDATION DETAILS
S5.10	FLOOR FRAMING DETAILS
S6.10	ROOF FRAMING DETAILS
S6.20	ROOF FRAMING DETAILS
S6.30	ROOF FRAMING DETAILS
PLUMBING	
P0.01	SYMBOL LIST AND GENERAL NOTES - PLUMBING
P0.02	SCHEDULES - PLUMBING
P2.00	UNDERFLOOR PLAN - PLUMBING
P2.01	OVERALL FLOOR PLAN - PLUMBING
P2.02	OVERALL ROOF PLAN - PLUMBING
P3.01	DETAILS - PLUMBING
MECHANICAL	
M0.01	SYMBOL LIST AND GENERAL NOTES - MECHANICAL
M0.02	SCHEDULES - MECHANICAL
M1.01	OVERALL FLOOR PLAN - ZONING PLAN
M2.01	OVERALL FLOOR PLAN - MECHANICAL
M2.02	OVERALL ROOF PLAN - MECHANICAL
M3.01	DETAILS - MECHANICAL
ELECTRICAL	
E0.01	SYMBOL LIST AND GENERAL NOTES -ELECTRICAL
E0.02	LUMINAIRE SCHEDULE - ELECTRICAL
E1.01	SITE PLAN - ELECTRICAL
E2.01	OVERALL REFLECTED CEILING PLAN - LIGHTING
E3.01	OVERALL FLOOR PLAN - POWER
E3.02	OVERALL ROOF PLAN - POWER
E4.01	SINGLE LINE DIAGRAMS - ELECTRICAL
E5.01	SCHEDULES - ELECTRICAL
E5.02	PANEL SCHEDULES - ELECTRICAL
E6.01	DETAILS - ELECTRICAL
E6.02	DETAILS - ELECTRICAL
E6.03	DETAILS - ELECTRICAL
TECHNOLOGY	
T0.01	SYMBOL LIST AND GENERAL NOTES - TECHNOLOGY
T2.01	OVERALL FLOOR PLAN - TECHNOLOGY
T3.01	DETAILS - TECHNOLOGY

PROJECT RENDERING



VICINITY MAP



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KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR 97603

No.	Description	Date
2	Addendum #2	4/9/26

Project Number 2507
Date 3/16/2026

PERMIT / BID SET

COVER SHEET

G0.00

COPYRIGHT © 4/8/2026 10:00:41 PM BBT ARCHITECTS

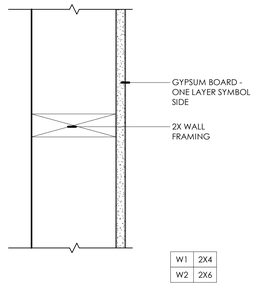
ASHRAE 90.1-2022
TABLE 5.5-5 BUILDING ENVELOPE REQUIREMENTS
FOR CLIMATE ZONE 5 (A,B,C)

Opaque Elements	*Nonresidential* Assembly Maximum	*Nonresidential* Insulation Min. *R-Value*
Roofs		
Insulation entirely above deck	U-0.032	R-30 c.i.
Metal building[a]	U-0.037	R-19 + R-11 *Ls* or R-25 + R-8 *Ls*
Attic and other	U-0.021	R-49
Walls, above grade		
Mass	U-0.090	R-11.4 c.i.
Metal building	U-0.050	R-0 + R-19 c.i.
Steel-framed	U-0.055	R-13 + R-10 c.i.
Wood-framed and other	U-0.051	R-13 + R-7.5 c.i. or R-19 + R-5 c.i.
Wall, below Grade		
Below-grade wall	C-0.119	R-7.5 c.i.
Floors		
Mass	U-0.057	R-14.6 c.i.
Steel joist	U-0.038	R-30
Wood-framed and other	U-0.033	R-30
Slab-on-Grade Floors		
Unheated	F-0.520	R-15 for 24 in
Heated	F-0.688	R-20 for 48 in.
Opaque Doors		
Swinging	U-0.370	
Nonswinging	U-0.310	

Fenestration	Assembly Max. U	Assembly Max. *SHGC*	Assembly Min. *VT/SHGC*
Vertical Fenestration, 0% to 40% of *Wall*			
Fixed	0.36	0.38	1.10 (for all types)
Operable	0.45	0.33	
Entrance door	0.63	0.33	
Skylight, 0% to 3% of *Roof*			
All types	0.50	0.40	NR

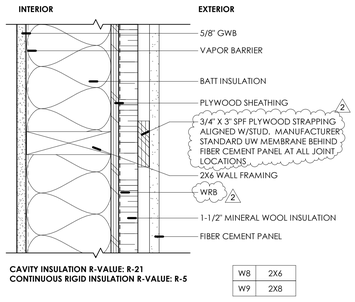
VERTICAL FENESTRATION PERCENTAGE (40% OF WALL MAX):

OPAQUE EXTERIOR WALL ASSEMBLY - 8,093 SF TOTAL
VERTICAL FENESTRATION - 1,372 SF TOTAL **(17% OF WALL)**



W1	2X4
W2	2X6

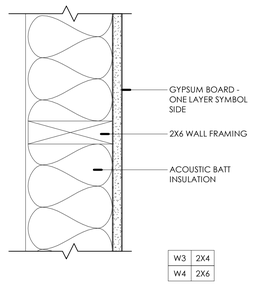
4 G0.03 INT. WALL STUD
SCALE: 3" = 1'-0"



CAVITY INSULATION R-VALUE: R-21
CONTINUOUS RIGID INSULATION R-VALUE: R-5

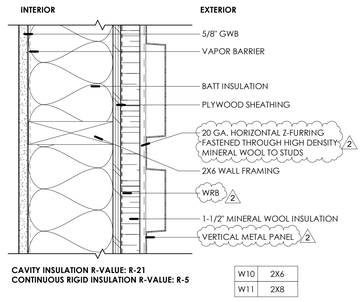
W8	2X6
W9	2X8

1 G0.03 EXT. WOOD STUD - FIBER CEMENT
SCALE: 3" = 1'-0"



W3	2X4
W4	2X6

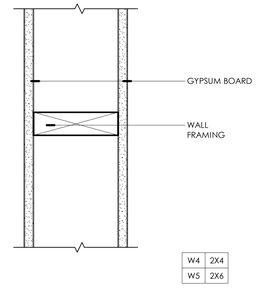
8 G0.03 INT. WOOD STUD
SCALE: 3" = 1'-0"



CAVITY INSULATION R-VALUE: R-21
CONTINUOUS RIGID INSULATION R-VALUE: R-5

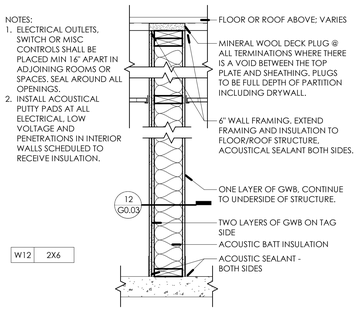
W10	2X6
W11	2X8

2 G0.03 EXT. WOOD STUD - METAL PANEL
SCALE: 3" = 1'-0"



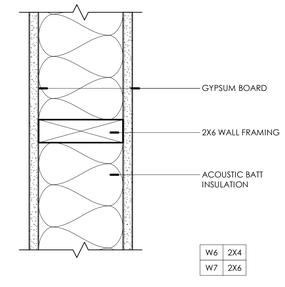
W4	2X4
W5	2X6

5 G0.03 INT. WALL STUD
SCALE: 3" = 1'-0"



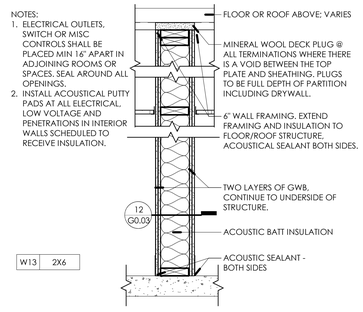
W12	2X6

3 G0.03 SOUND WALL STC 40
SCALE: 1" = 1'-0"



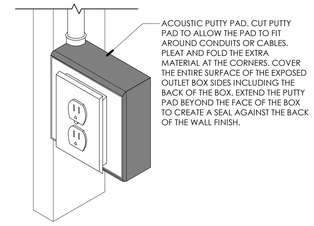
W6	2X4
W7	2X6

7 G0.03 INT. WOOD STUD
SCALE: 3" = 1'-0"

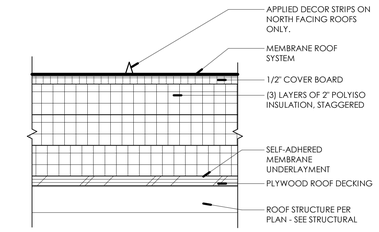


W13	2X6

13 G0.03 SOUND WALL STC 50
SCALE: 1" = 1'-0"



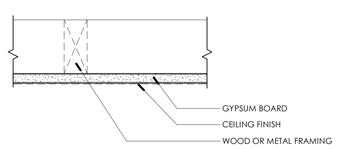
12 G0.03 ACOUSTIC PUTTY PAD - AXON
SCALE: 3" = 1'-0"



CONTINUOUS RIGID INSULATION R-VALUE: R-30

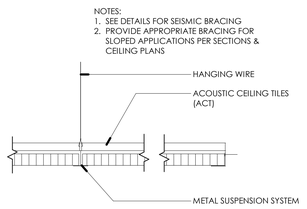
R1	--

6 G0.03 ROOF - MEMBRANE
SCALE: 3" = 1'-0"



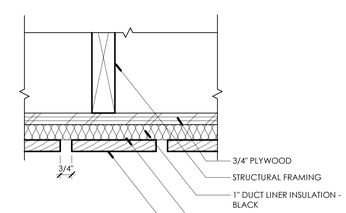
CE1	--

10 G0.03 CEILING - GWB ON FRAMING
SCALE: 3" = 1'-0"



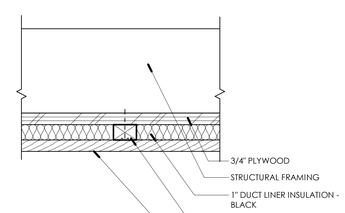
CE2	ACT-1
CE5	ACT-2

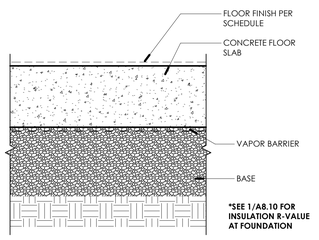
9 G0.03 CEILING - ACT
SCALE: 3" = 1'-0"



CE3	

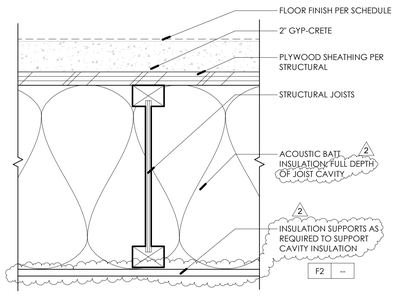
11 G0.03 CEILING - WOOD ON FRAMING
SCALE: 3" = 1'-0"





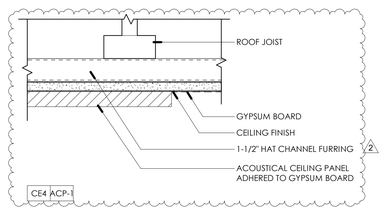
F1	--

14 G0.03 FLOOR - CONC SLAB ON GRADE
SCALE: 3" = 1'-0"



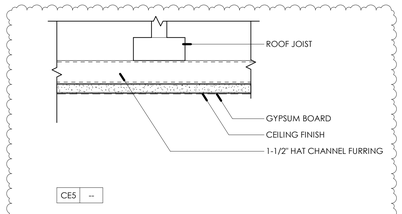
F2	--

15 G0.03 FLOOR - MECHANICAL MEZZANINE
SCALE: 3" = 1'-0"



CE4	ACP-1

16 G0.03 CEILING - ACOUSTICAL CEILING PANEL ON GWB
SCALE: 3" = 1'-0"



CE5	--

17 G0.03 CEILING - GWB ON HAT CHANNEL
SCALE: 3" = 1'-0"

BBT ARCHITECTS
1140 sw Simpson Ave. - Suite 200
Bend, Oregon 97702
t 541.382.5535 | f 541.389.8033

REGISTERED ARCHITECT
Kyle Burke
Bend, OR 12047
STATE OF OREGON

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR 97603

No.	Description	Date
2	Addendum #2	4/9/26
	RFI-ASI-APR	Date 7

Project Number 2507
Date 3/16/2026

PERMIT / BID SET

ENERGY CODE & ASSEMBLIES

G0.03

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KLAMATH COMMUNITY COLLEGE
COSMETOLOGY CENTER

7390 SOUTH 6TH STREET
KLAMATH FALLS, OR 97603

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE PROJECT SPECIFICATIONS, CURRENT OREGON PLUMBING SPECIALTY CODE, AND ALL APPLICABLE STATE, CITY, AND COUNTY REGULATIONS AND STANDARDS. CONTACT ENGINEER FOR DIRECTIVE IN THE EVENT OF CONFLICTING STANDARDS.
2. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL REQUIRED OR NECESSARY INSPECTIONS ARE SCHEDULED AND COMPLETED PRIOR TO PROCEEDING WITH SUBSEQUENT WORK. COORDINATE WITH ENGINEER AND AGENCY(IES) HAVING JURISDICTION FOR INSPECTION REQUIREMENTS.
3. THE PROJECT GEOTECHNICAL ENGINEERING DESIGN REPORT PREPARED BY 'CARLSON GEOTECHNICAL' DATED SEPTEMBER 30, 2025 IS INCORPORATED INTO THE CONSTRUCTION DOCUMENTS BY REFERENCE. CONTRACTOR SHALL FOLLOW ALL RECOMMENDATIONS WITHIN THE GEOTECHNICAL ENGINEERING REPORT UNLESS SPECIFICALLY NOTED OTHERWISE.
4. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE GOVERNING AGENCY'S INSPECTOR AND SHALL CONFORM TO THAT AGENCY'S CURRENT ENGINEERING STANDARD SPECIFICATIONS AND DETAILS.
5. THE GENERAL CONTRACTOR AND ALL THEIR AFFILIATES SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.
6. ALL CONSTRUCTION STAKING, GRADE SURVEYING, AND HORIZONTAL LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF OREGON; COORDINATE WITH ENGINEER PRIOR TO CONSTRUCTION.
7. ALL EXISTING UTILITIES IDENTIFIED IN THIS PLAN SET ARE NOT INTENDED TO BE EXACT OR COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ALL UTILITIES AND PROTECT AS REQUIRED DURING THE COURSE OF CONSTRUCTION. CALL THE 'OREGON UTILITY NOTIFICATION CENTER' AT 1-800-332-2344 TO LOCATE EXISTING UTILITIES, 48 HOURS BEFORE DIGGING.
8. CONTRACTOR SHALL NOTIFY ALL APPLICABLE REGULATORY AGENCIES AND UTILITY COMPANIES 48 HOURS PRIOR TO BEGINNING WORK.
9. CONTRACTOR SHALL COORDINATE UTILITY SHUTOFF(S) WITH OWNER AND UTILITY PROVIDER 48 HOURS MINIMUM PRIOR TO CONSTRUCTION TO ENSURE MINIMAL SERVICE DISRUPTION DURING OPERATING HOURS.
10. ALL EXCAVATION, TRENCH BACK FILL, PARKING LOT/ROAD SUB-GRADE, FLAT WORK SUB-GRADE, COMPACTION REQUIREMENTS, ETC. SHALL BE AS NOTED IN THE SITE PREPARATION NOTES AND/OR THE PROJECT GEOTECHNICAL REPORT.
11. ALL UTILITY SERVICES SHALL BE INSTALLED PER THE RESPECTIVE UTILITY CODES AND STANDARDS.
12. ALL UTILITIES SHALL HAVE A MINIMUM COVER AS IDENTIFIED IN THE PLAN SET OR AS OTHERWISE SPECIFIED BY THE RESPECTIVE UTILITY COMPANY.
13. GAS, POWER, TELEPHONE, CABLE, AND FIBER OPTIC LINES SHALL BE INSTALLED BASED ON THE PLANS AND SPECIFICATIONS PROVIDED BY THE APPLICABLE UTILITY COMPANY OR DESIGN-BUILD CONTRACTOR. APPROXIMATE UTILITY LOCATIONS HAVE BEEN PROVIDED ON THIS PLAN SET AS A REFERENCE. CONTRACTOR SHALL COORDINATE TRENCH EXCAVATIONS, CONDUIT INSTALLATIONS, BEDDING, BACKFILLING, AND INSPECTION REQUIREMENTS WITH THE APPROPRIATE UTILITY REPRESENTATIVES.
14. AGGREGATE BASE GRADATION SHALL MEET THE REQUIREMENTS FOR DENSE-GRADED AGGREGATE LISTED IN SECTION 02630 OF THE 2024 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE PROJECT GEOTECHNICAL REPORT.
15. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH AN AS-BUILT DRAWING OF ALL UTILITY INSTALLATIONS INCLUDING THE SIZE, TYPE, DEPTH, TYPE OF CONNECTIONS, INSTALLATION DATE, LOCATION, AND SKETCH (WHERE NECESSARY).
16. CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. COORDINATE WITH THE ENGINEER AND AGENCY(IES) HAVING JURISDICTION PRIOR TO CONSTRUCTION TO IDENTIFY PERMIT REQUIREMENTS.
17. CONTRACTOR SHALL PROVIDE ENGINEER WITH SUBMITTALS PRIOR TO ORDERING MATERIALS & PROVIDE SHOP DRAWING SUBMITTALS ON ALL PERMANENTLY INSTALLED MANUFACTURED ITEMS.
18. ALL TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC SHALL BE BY THE CONTRACTOR AND CONFORM WITH BOTH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE ODOT MANUAL ON SHORT TERM TRAFFIC CONTROL (AS APPLICABLE).
19. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

EROSION CONTROL NOTE:

THE C7.00 SERIES DRAWINGS CONTAIN A 1200-C EROSION AND SEDIMENT CONTROL PLAN THAT MUST BE IMPLEMENTED PRIOR TO AND DURING COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE INFORMATION CONTAINED WITHIN THE REFERENCED DRAWINGS SHALL BE CONSIDERED A MINIMUM AND SHALL BE MODIFIED AS REQUIRED BY THE CONTRACTOR AND AGENCY INSPECTOR TO CONTAIN ALL SEDIMENT ON SITE. SPECIAL ATTENTION SHALL BE TAKEN AT ALL EXISTING CATCH BASINS AND CHANNELS AS TO ELIMINATE ANY SEDIMENT TRANSFER INTO THE EXISTING STORM DRAIN SYSTEM.

UTILITY STATEMENT:

EXISTING UNDERGROUND UTILITIES ILLUSTRATED IN THESE PLANS ARE APPROXIMATED BASED ON AS-BUILTS OBTAINED FROM THE DISTRICT, OR HAVE BEEN LOCATED BY A UTILITY LOCATE COMPANY. LAYOUT INDICATED IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. ALL LINES WITHIN PROJECTED WORK ZONE SHALL BE FIELD VERIFIED AS NECESSARY PRIOR TO CONSTRUCTION.

RESTORATION STATEMENT:

CONTRACTOR SHALL RESTORE BACK TO ORIGINAL CONDITION, PRIOR TO CONTRACT COMPLETION, ALL DISTURBED SURFACES IMPACTED DURING CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, CONSTRUCTION ACCESS, SIDEWALKS, CURBS, ASPHALT, LAWN, AND LANDSCAPE AREAS. DISTURBED AREAS TO BE GRADED SMOOTH AND ADEQUATELY SLOPED TO DRAIN. AREA SHALL BE CLEAN AND FINISH GRADED BEFORE FINAL DEMOBILIZATION. COORDINATE WITH ENGINEER AND OWNER AT THE TIME OF PROJECT CONSTRUCTION COMPLETION.

INSPECTION, TESTING, & OBSERVATION

1. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING ALL INSPECTIONS, TESTING, AND OBSERVATIONS. THESE MUST BE COMPLETED AND APPROVED PRIOR TO BEGINNING SUBSEQUENT WORK. ADDITIONAL OR MORE FREQUENT TESTING MAY BE REQUIRED BY GEOTECHNICAL OR CIVIL ENGINEER AT TIME OF CONSTRUCTION.
2. SPECIAL INSPECTIONS MUST BE PERFORMED BY AN APPROVED INDEPENDENT TESTING LABORATORY RETAINED BY THE OWNER. REPORTS SHALL BE PROVIDED TO THE ENGINEER AND THE AGENCY HAVING JURISDICTION.
3. GEOTECHNICAL TESTING AND OBSERVATION MUST BE PERFORMED BY THE PROJECT GEOTECHNICAL ENGINEERING FIRM. REPORTS AND A FINAL LETTER OF COMPLIANCE SHALL BE PROVIDED TO THE ENGINEER AND THE AGENCY HAVING JURISDICTION.
4. ADDITIONAL INSPECTIONS MAY BE REQUIRED BY THE AGENCY HAVING JURISDICTION, THE TABLE BELOW IS ONLY FOR GEOTECHNICAL, SPECIAL INSPECTOR, AND ENGINEER OF RECORD INSPECTIONS. CONTRACTOR SHALL COORDINATE ANY AGENCY INSPECTIONS WITH THE APPROPRIATE INSPECTOR.
5. REFER TO GEOTECHNICAL REPORT AND PROJECT SPECIFICATIONS, WHERE APPLICABLE, FOR ADDITIONAL INFORMATION.
6. GEO = GEOTECHNICAL ENGINEER, SI = SPECIAL INSPECTOR, AHJ = AGENCY INSPECTOR

	CONSTRUCTION ELEMENT	INSPECTOR	FREQUENCY	NOTES
GRADING & PAVING	CLEARING & GRUBBING	GEO	AS REQUIRED	VISUAL
	GENERAL FILL	GEO, SI	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
	ENGINEERED FILL	GEO, SI	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
	PAVEMENT SUBGRADE	GEO, SI	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
	SIDEWALK SUBGRADE	GEO	AS REQUIRED	PROBE OR PROOF ROLL
	FOUNDATION SUBGRADE	REFER TO GEOTECHNIAL REPORT & STRUCTURAL PLANS		
	PAVEMENT AGGREGATE BASE	GEO, SI	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
	SIDEWALK AGGREGATE BASE	GEO	AS REQUIRED	PROBE OR PROOF ROLL
	FOUNDATION AGGREGATE BASE	REFER TO GEOTECHNIAL REPORT & STRUCTURAL PLANS		
	ASPHALT PAVEMENT	GEO, SI	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
	CONCRETE PAVEMENT	SI	1 TEST PER 100 CY OR PORTION THEREOF PER DAY	CYLINDERS, SLUMP, AIR TESTS
	SIDEWALK CONCRETE	SI	1 TEST PER 100 CY OR PORTION THEREOF PER DAY	CYLINDERS, SLUMP, AIR TESTS
UTILITIES	TRENCH BACKFILL	SI	1 DENSITY TEST PER 200 LF PER LIFT (4 TESTS MIN)	
	ASPHALT PAVEMENT RESTORATION	SI	1 DENSITY TEST PER 200 LF PER LIFT (4 TESTS MIN)	
	SANITARY SEWER LINE	AHJ	AIR PRESSURE TEST	CONTRACTOR TO PROVIDE TESTING, WITNESSED BY AHJ
	STORM SEWER LINE	AHJ	AIR PRESSURE TEST	CONTRACTOR TO PROVIDE TESTING, WITNESSED BY AHJ
	POTABLE WATER LINE	AHJ	AS REQUIRED	FLUSH, BACTERIA, PRESSURE; CONTRACTOR TO PROVIDE TESTING, WITNESSED BY AHJ
	FIRE WATER LINE	AHJ	AS REQUIRED	FLUSH, BACTERIA, PRESSURE; CONTRACTOR TO PROVIDE TESTING, WITNESSED BY AHJ
	CAST IN PLACE LIGHT POLE BASE	SI, AHJ	AS REQUIRED	VISUAL

ALTERNATES (ADD 1)

(ADD 1) **CIVIL ALTERNATES:**

ALTERNATE #1: WORK NORTH OF EXISTING CAMPUS ACCESS ROAD

(ADD 2)

SITE CONSTRUCTION PERMIT SET
OWNER / DEVELOPER — DATE

SITE CONSTRUCTION PERMIT SET
CITY WATER ONLY — DATE

SITE CONSTRUCTION PERMIT SET
SOUTH SUBURBAN SANITARY DISTRICT — DATE

PROJECT INFORMATION

PROJECT TEAM

OWNER
KLAMATH COMMUNITY COLLEGE
CONTACT: DENISE REID
7390 S 6TH STREET
KLAMATH FALLS, OR 97603
(541) 880-2392

ARCHITECT
BBT ARCHITECTS INC
CONTACT: BENNETT SAPIN
1140 SW SIMPSON AVENUE #200
BEND, OR 97702
(541) 382-5535

CIVIL ENGINEER OF RECORD
LUCAS G. GOWEY, PE
CONTACT: MASON LINDORF
ZCS
900 KLAMATH AVENUE
KLAMATH FALLS, OR 97601
(541) 479-3865

SURVEYOR
ORLANDO J. AQUINO, PLS
RHINE-CROSS GROUP, LLC
112 N 5TH STREET SUITE #200
KLAMATH FALLS, OR 97601
(541) 851-9405

GEOTECHNICAL ENGINEER
SAM KANE, PE
CARLSON GEOTECHNICAL
35 SE BRIDGEFORD BOULEVARD
BEND, OR 97702
(541) 330-9155

(ADD 2) **WATER PROVIDER**
CITY OF KLAMATH FALLS
WATER DIVISION / PUBLIC WORKS
CONTACT: ROBBIE WEST
500 KLAMATH AVE
KLAMATH FALLS, OR 97601
(541) 883-4952

COUNTY ENGINEER
MICHAEL ZAROSINSKI, PE
KLAMATH COUNTY PUBLIC WORKS
305 MAIN STREET
KLAMATH FALLS, OR 97601
(541) 883-4969

SEWER PROVIDER
SOUTH SUBURBAN SANITARY DISTRICT
2201 LAVERNE AVENUE
KLAMATH FALLS, OR 97603
(541) 882-5744

LOT INFORMATION:

SITE LOCATION: 7390 S 6TH STREET, KLAMATH FALLS, OR 97603
TAX MAP: T09S-R09E-S12
TAX LOT: 102
SITE ACREAGE: ±50.00 ACRES
ZONING: CG - GENERAL COMMERCIAL; RH - HIGH DENSITY RESIDENTIAL

BENCHMARK/SURVEY DATA:

HORIZONTAL DATUM: OCRS BEND - KLAMATH FALLS (NAD83)
VERTICAL DATUM: NAVD88

CONTACT PROJECT SURVEYOR FOR ADDITIONAL INFORMATION, IF NECESSARY

LAND USE REVIEW:

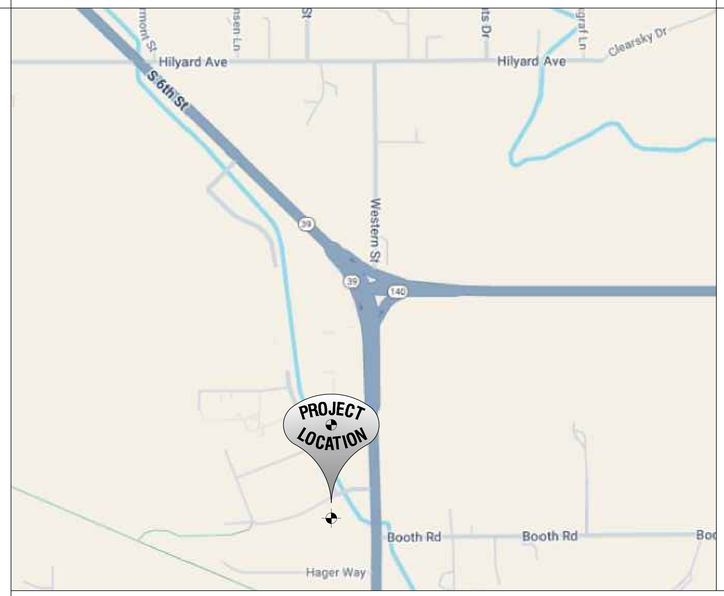
KLAMATH COUNTY COMMERCIAL SITE PLAN REVIEW
APPLICATION #: COMM 1-26

ATTENTION:
OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503 232-1987).

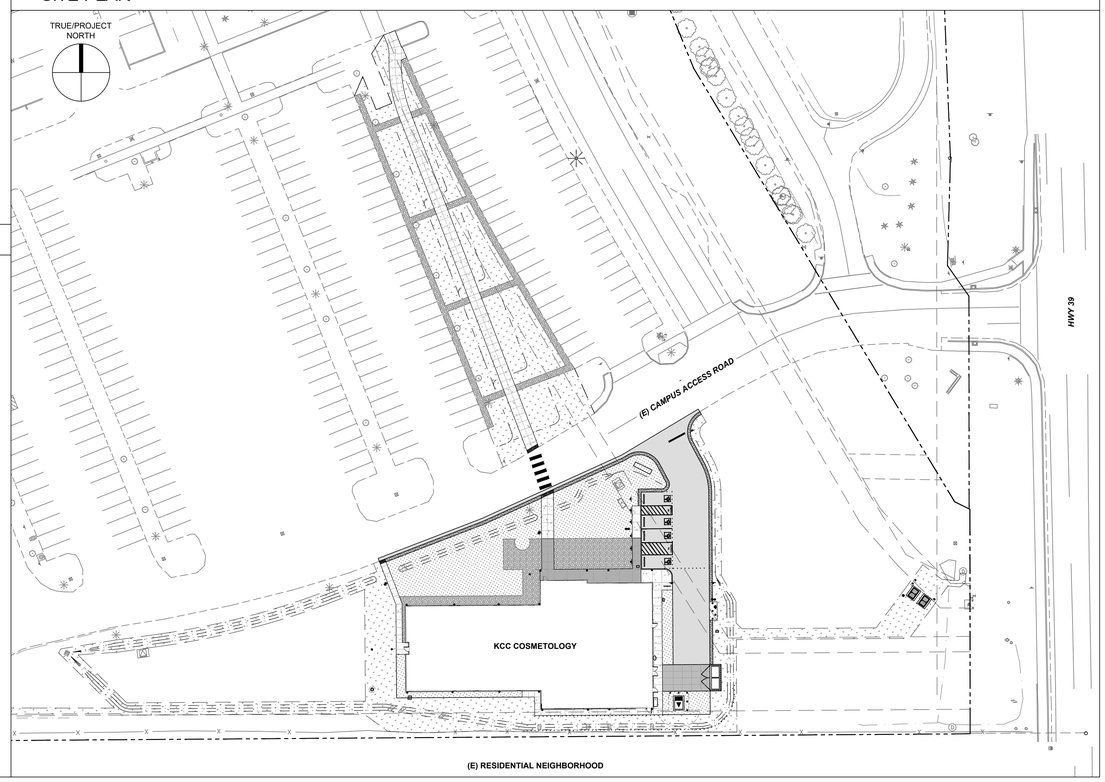
ABBREVIATIONS

APWA	AMERICAN PUBLIC WORKS ASSOCIATION
ASTM	AMERICAN STANDARD TEST METHOD
AWWA	AMERICAN WATER WORKS ASSOCIATION
BMP	BEST MANAGEMENT PRACTICE
CKF	CITY OF KLAMATH FALLS
DEQ	DEPARTMENT OF ENVIRONMENTAL QUALITY
DWV	DRAIN WASTE VENT
EPA	ENVIRONMENTAL PROTECTION AGENCY
ESC	EROSION AND SEDIMENT CONTROL
(E)	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
GC	GENERAL CONTRACTOR
IE	INVERT ELEVATION
KCC	KLAMATH COMMUNITY COLLEGE
LF	LINEAL FEET
MEP	MECHANICAL, ELECTRICAL, & PLUMBING
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
MAX	MAXIMUM
MIN	MINIMUM
NAVD	NORTH AMERICAN VERTICAL DATUM
ODOT	OREGON DEPARTMENT OF TRANSPORTATION
OSSC	OREGON STRUCTURAL SPECIALTY CODE
OPSC	OREGON PLUMBING SPECIALTY CODE
OFOI	OWNER FURNISHED, OWNER INSTALLED
PG	PERFORMANCE GRADE
ROW	RIGHT-OF-WAY
TOC	TIME OF CONSTRUCTION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE

VICINITY MAP



SITE PLAN



SHEET INDEX

C0.00	CIVIL COVER SHEET
C0.20	KCC CAMPUS KEY
C0.30	SITE CODE PLAN
C0.40	TOPOGRAPHIC SURVEY
C1.00	DEMOLITION PLAN
C2.00	SITE CONSTRUCTION KEY
C2.10	SITE CONSTRUCTION PLAN - AREA 1
C2.20	SITE CONSTRUCTION PLAN - AREA 2
C2.30	SITE CONSTRUCTION PLAN - AREA 3
C3.00	GRADING AND DRAINAGE KEY
C3.10	GRADING AND DRAINAGE PLAN - AREA 1
C3.20	GRADING AND DRAINAGE PLAN - AREA 2
C3.30	GRADING AND DRAINAGE PLAN - AREA 3
C4.00	CIVIL UTILITY PLAN
C4.10	PRESSURIZED SANITARY SEWER PLAN
C4.50	FRANCHISE UTILITY PLAN
C5.00	CIVIL DETAILS
C5.10	CIVIL DETAILS
C6.00	AGENCY STANDARD DETAILS
~~C6.10~~	~~AGENCY STANDARD DETAILS~~
C6.20	AGENCY STANDARD DETAILS (ADD 2)
C7.00	ESCP - COVER SHEET
C7.01	ESCP - NOTES
C7.10	ESCP - EXISTING CONDITIONS
C7.20	ESCP - CONSTRUCTION STAGING AND DEMOLITION PHASE
C7.30	ESCP - CLEARING, GRADING, AND EXCAVATION PHASE
C7.40	ESCP - SITE STABILIZATION PHASE
C7.50	ESCP - UTILITY INSTALLATION PHASE
C7.60	ESCP - VERTICAL CONSTRUCTION PHASE
C7.70	ECSP - PAVING AND FLATWORK PHASE
C7.80	ECSP - PERMANENT LANDSCAPING AND STABILIZATION PHASE
C7.90	ESCP - DETAILS
C7.91	ESCP - DETAILS

BBT ARCHITECTS
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Bend, Oregon 97702
t 541.382.5535 | f 541.389.8033

REGISTERED PROFESSIONAL ENGINEER
OREGON
SEPT. 10, 2021
LUCAS G. GOWEY
EXPIRES: 06/30/27

ZCS

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR 97603

CITY OF KLAMATH FALLS MASTER FILE #: 339426 (ADD 2)

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

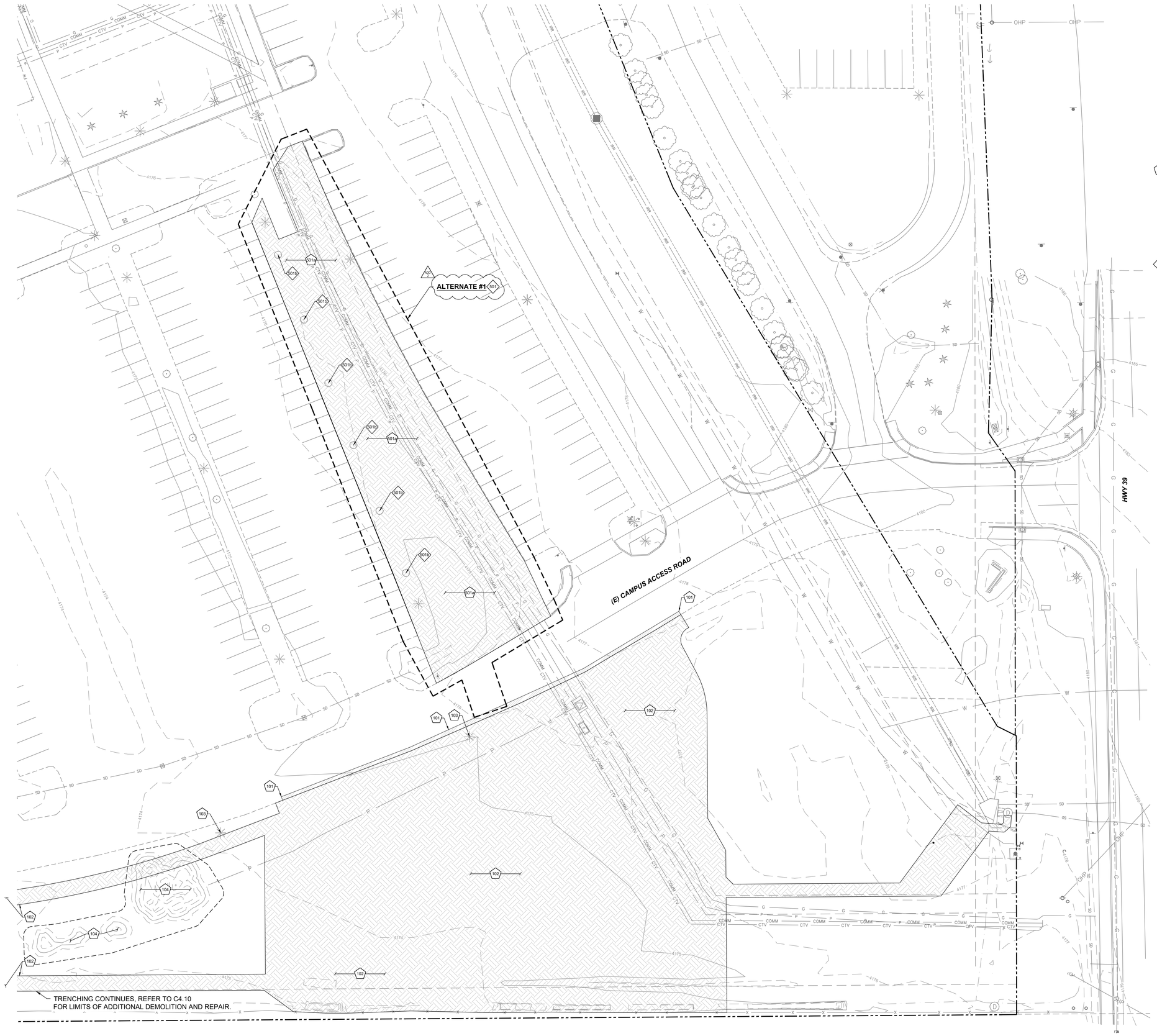
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

CIVIL COVER SHEET

C0.00

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1 C1.00 **DEMOLITON PLAN**

1"=20'

20 0 10 20 40

1 IN = 20 FT

LEGEND

HATCHES & LINE TYPES:

- ASPHALT PAVING TO BE REMOVED
- CLEARING AND GRUBBING LIMITS
- MATERIAL STOCKPILES

DEMOLITION NOTES:

GENERAL DEMOLITION NOTES:

CONTRACTOR SHALL REPORT TO ENGINEER FOR DIRECTION IN EVENT OF DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS.

EXISTING STRUCTURES, HARDSCAPE, AND UTILITIES/APPURTENANCES SHALL BE PROTECTED THROUGHOUT ALL PHASES OF CONSTRUCTION, UNLESS OTHERWISE NOTED.

CONTRACTOR SHALL COORDINATE VEHICULAR AND PEDESTRIAN ACCESS REQUIREMENTS WITH OWNER PRIOR TO CONSTRUCTION.

NOTES:

101. ASPHALT PAVING TO BE REMOVED.
102. APPROXIMATE LIMITS OF CLEARING AND GRUBBING. ALL DISTURBED SURFACES NOT RECEIVING HARDSCAPE SHALL BE TREATED WITH NATIVE GRASS HYDROSEED MIX TO MATCH EXISTING. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
103. EXISTING SITE LIGHT TO REMAIN AND BE PROTECTED IN PLACE.
104. APPROXIMATE LIMITS OF MATERIAL STOCKPILES. CONTRACTOR TO COORDINATE AND EXECUTE RELOCATION OF PILES TO FACILITATE ALL IMPROVEMENTS PER PLAN. RELOCATE PILES OUTSIDE THE IMMEDIATE LIMITS OF WORK TO PREVENT MULTIPLE RELOCATIONS. COORDINATE WITH NATHAN BUCKLEY, KCC FACILITIES DIRECTOR, PRIOR TO PERFORMING WORK.

ALTERNATE NOTES:

501. ALTERNATE #1 ~~WITHIN LIMITS~~ SHOWN. ASPHALT PAVING AND GRAVEL SHOULDER ALONG EXISTING ACCESS ROAD SHALL BE INCLUDED WITH BASE BID.
   501a. APPROXIMATE LIMITS OF CLEARING AND GRUBBING FOR CONSTRUCTION OF ALTERNATE #1, IF ACCEPTED. PRIOR TO START OF WORK, MOW THE AREA SHORT AND MINIMIZE CLEARING AND GRUBBING TO RETAIN EXISTING GRASS. ALL DISTURBED SOFTSCAPE AREAS NOT RECEIVING NEW HARDSCAPE SHALL BE TREATED WITH NATIVE GRASS HYDROSEED MIX TO MATCH EXISTING. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
   501b. CONTRACTOR SHALL LIMB EXISTING TREES TO BE A MINIMUM OF 7' FROM THE GRAVEL WALKING SURFACE IF ALTERNATE #1 IS ACCEPTED. REFER TO C2.00 SERIES FOR ADDITIONAL INFORMATION.

BBT ARCHITECTS
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t 541.382.5535 | f 541.389.8033

REGISTERED PROFESSIONAL ENGINEER
OREGON
DEC. 10, 2024
LUCAS G. GOWEY
EXPIRES: 06/30/27

ZCS

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR
97603

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

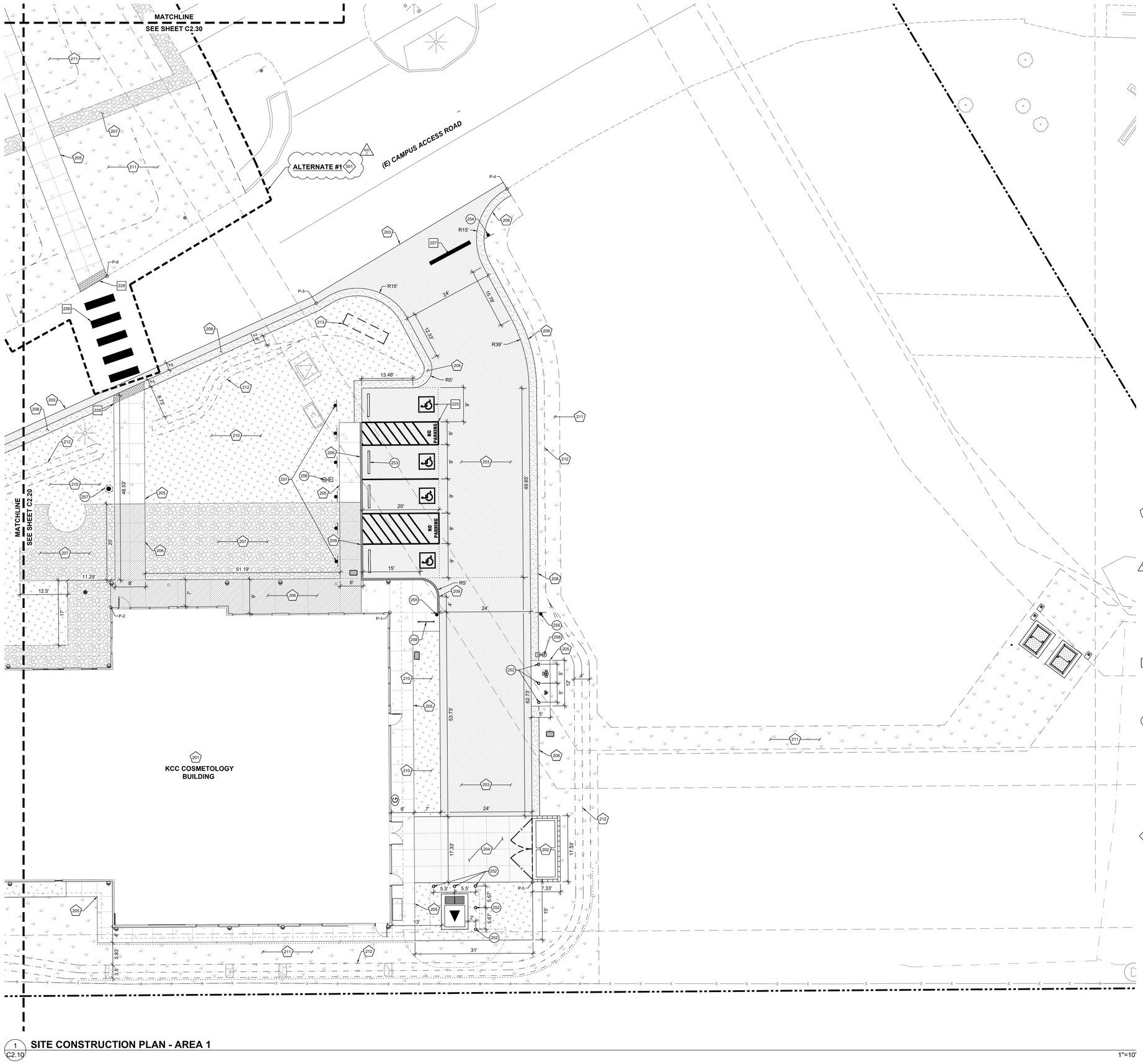
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

DEMOLITION PLAN

C1.00

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1 C2.10 **SITE CONSTRUCTION PLAN - AREA 1**

1"=10'

10 0 5 10 20

1 IN = 10 FT

LEGEND

PROPOSED

HATCHES & LINE TYPES:

- BUILDING
- ASPHALT PAVING
- CONCRETE SIDEWALK
- CONCRETE SIDEWALK - SNOWMELT
- HYDROSEED
- LANDSCAPING
- GRAVEL ROADWAY SHOULDER
- CRUSHED ROCK PAVING
- RIPRAP - SEE C3.00 SERIES
- CURB
- CONVEYANCE SWALE

SYMBOLS:

- HORIZONTAL CONTROL POINT
- BOLLARD
- NEW SITE LIGHT
- PARKING BUMPER
- SIGN
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- WATER VAULT
- WATER METER
- STORM DRAIN CLEANOUT
- DOWNSPOUT CONNECTION POINT
- BACK WATER VALVE
- SANITARY SEWER PUMP STATION
- POWER TRANSFORMER

HORIZONTAL CONTROL POINT TABLE

POINT #	NORTHING	EASTING
1	161206.533	276281.999
2	161207.932	276208.587
3	161287.775	276262.647
4	161317.853	276312.813
5	161135.726	276319.494
6	161294.899	276207.650
7	161192.117	276114.627
8	161220.343	276103.758
9	161395.464	276169.155
10	161510.278	276116.640

SITE CONSTRUCTION NOTES:

GENERAL SITE CONSTRUCTION NOTES:
REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOT ALL NOTES ARE USED ON EACH SHEET.

PAVING AND SURFACING NOTES:

201. NEW KCC COSMETOLOGY BUILDING PER ARCHITECTURAL AND STRUCTURAL PLANS.
202. GARBAGE ENCLOSURE PER ARCHITECTURAL AND STRUCTURAL PLANS.
203. ASPHALT PAVEMENT PER 1/C5.00.
204. REINFORCED CONCRETE PAVEMENT PER 2/C5.00.
205. CONCRETE SIDEWALK PER 3a/C5.00.
206. ALTERNATE: SNOWMELT SIDEWALK (REFER TO ELECTRICAL PLANS)
BASE BID: CONCRETE SIDEWALK PER 3a/C5.00.
ALTERNATE: SNOWMELT CONCRETE SIDEWALK PER 3b/C5.00.
207. CRUSHED ROCK PAVING PER 4/C5.00.
208. GRAVEL ROADWAY SHOULDER 5/C5.00.
209. FLUSH CURB PER 6/C5.00.
210. LANDSCAPING PER LANDSCAPE PLANS.
211. HYDROSEEDING PER PROJECT SPECIFICATIONS.
212. CONVEYANCE CHANNEL. SURFACING PER PLAN. REFER TO C3.00 SERIES FOR ADDITIONAL INFORMATION.
213. APPROXIMATE SIZE AND LOCATION OF MONUMENT SIGN BY OWNER.

PAVEMENT MARKING NOTES:

225. ACCESSIBLE PARKING STRIPING PER 8/C5.00. LAYOUT AS INDICATED ON PLAN, TYPICAL.
226. CONTINENTAL CROSSWALK SIMILAR TO ODOT TM503/C6.10 FIGURE 'CW-SC'.
227. STOP BAR PER TM503/C6.10 FIGURE 'S'.
228. DETECTABLE WARNING SIMILAR TO ODOT RD902/C6.10.

SIGNAGE AND FIXTURE NOTES:

251. ACCESSIBLE PARKING SIGNAGE PER 9/C5.00. SIGN POST AND BASE PER 10/C5.00.
252. BOLLARD PER 11/C5.00.
253. 'BARCO PREMIUM' BLUE WHEEL STOP (OR APPROVED EQUAL) PER 7/C5.00, TYPICAL.
254. 'STOP' SIGN PER MUTCD R1-1, SIZE 24" x 24". SIGN POST AND BASE PER 10/C5.00.
255. 'NO PARKING FIRE LANE' OR SIMILAR SIGN. SIZE 12" x 18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 10/C5.00.
256. POST-MOUNTED SITE LIGHT ON BASE PER 24/C5.10. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
257. BOLLARD-STYLE SITE LIGHTING PER ELECTRICAL PLANS.
258. BICYCLE PARKING PER PROJECT SPECIFICATIONS.

ALTERNATE NOTES:

501. ALTERNATE #1 ALL WORK NORTH OF THE EXISTING ACCESS ROAD WITHIN LIMITS SHOWN. ASPHALT PAVING AND GRAVEL SHOULDER ALONG EXISTING ACCESS ROAD SHALL BE INCLUDED WITH BASE BID.

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REGISTERED PROFESSIONAL ENGINEER
OREGON
SEPT. 10, 2021
LUCAS G. GOWEY
EXPIRES: 06/30/27

ZCS

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR 97603

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

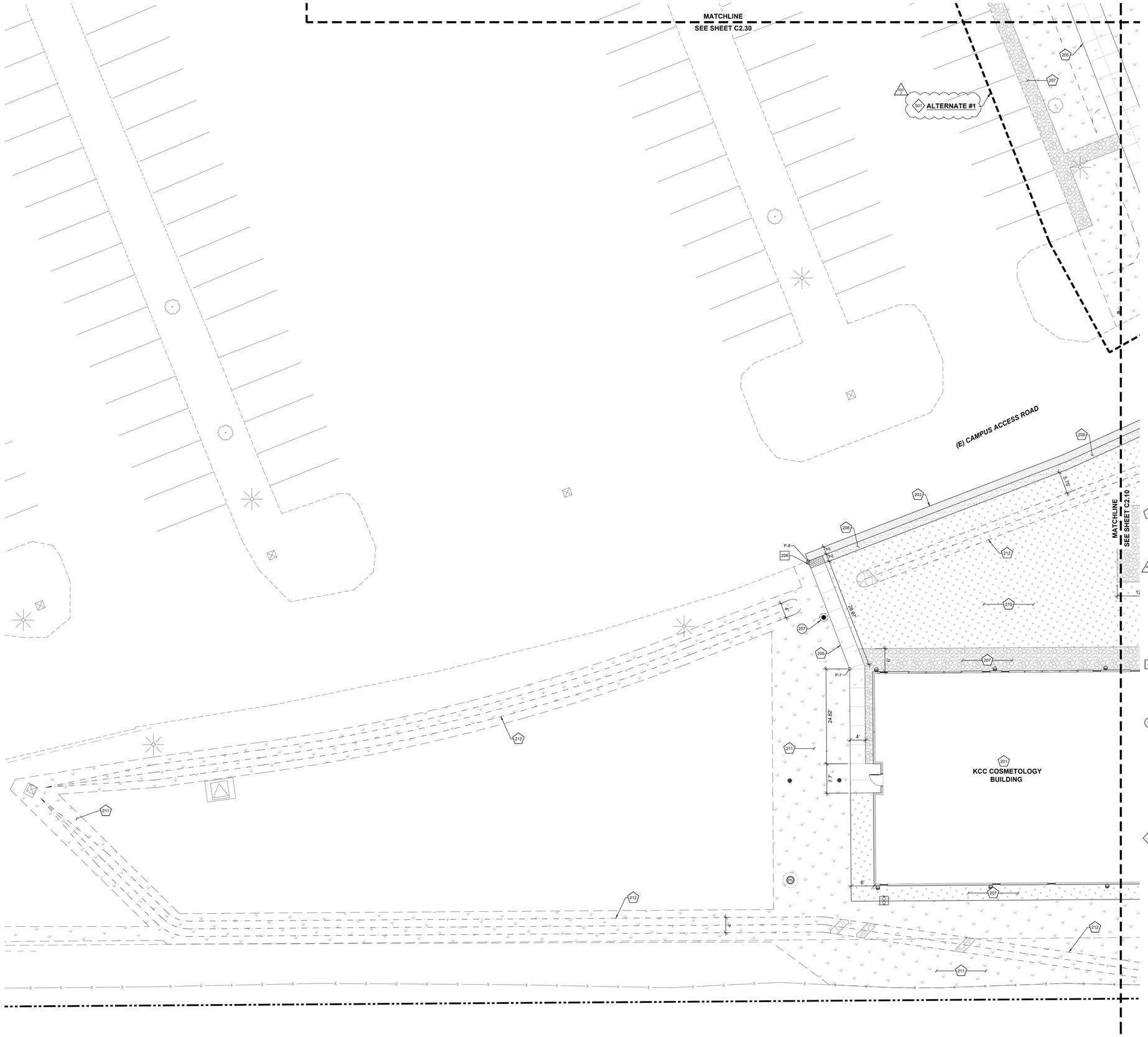
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Date 3/16/2026

PERMIT / BID SET

SITE CONSTRUCTION PLAN - AREA 1

C2.10

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1 C2.20 **SITE CONSTRUCTION PLAN - AREA 2**

1"=10'

LEGEND

PROPOSED

HATCHES & LINE TYPES:

- BUILDING
- ASPHALT PAVING
- CONCRETE SIDEWALK
- CONCRETE SIDEWALK - SNOWMELT
- HYDROSEED
- LANDSCAPING
- GRAVEL ROADWAY SHOULDER
- CRUSHED ROCK PAVING
- RIPRAP - SEE C3.00 SERIES
- CURB
- CONVEYANCE SWALE

SYMBOLS:

- HORIZONTAL CONTROL POINT
- BOLLARD
- NEW SITE LIGHT
- PARKING BUMPER
- SIGN
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- WATER VAULT
- WATER METER
- STORM DRAIN CLEANOUT
- DOWNSPOUT CONNECTION POINT
- BACK WATER VALVE
- SANITARY SEWER PUMP STATION
- POWER TRANSFORMER

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10	161510.278	276116.640

SITE CONSTRUCTION NOTES:

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REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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227. STOP BAR PER TM503/C6.10 FIGURE 'S'.
228. DETECTABLE WARNING SIMILAR TO ODOT RD902/C6.10.

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10 0 5 10 20

1 IN = 10 FT

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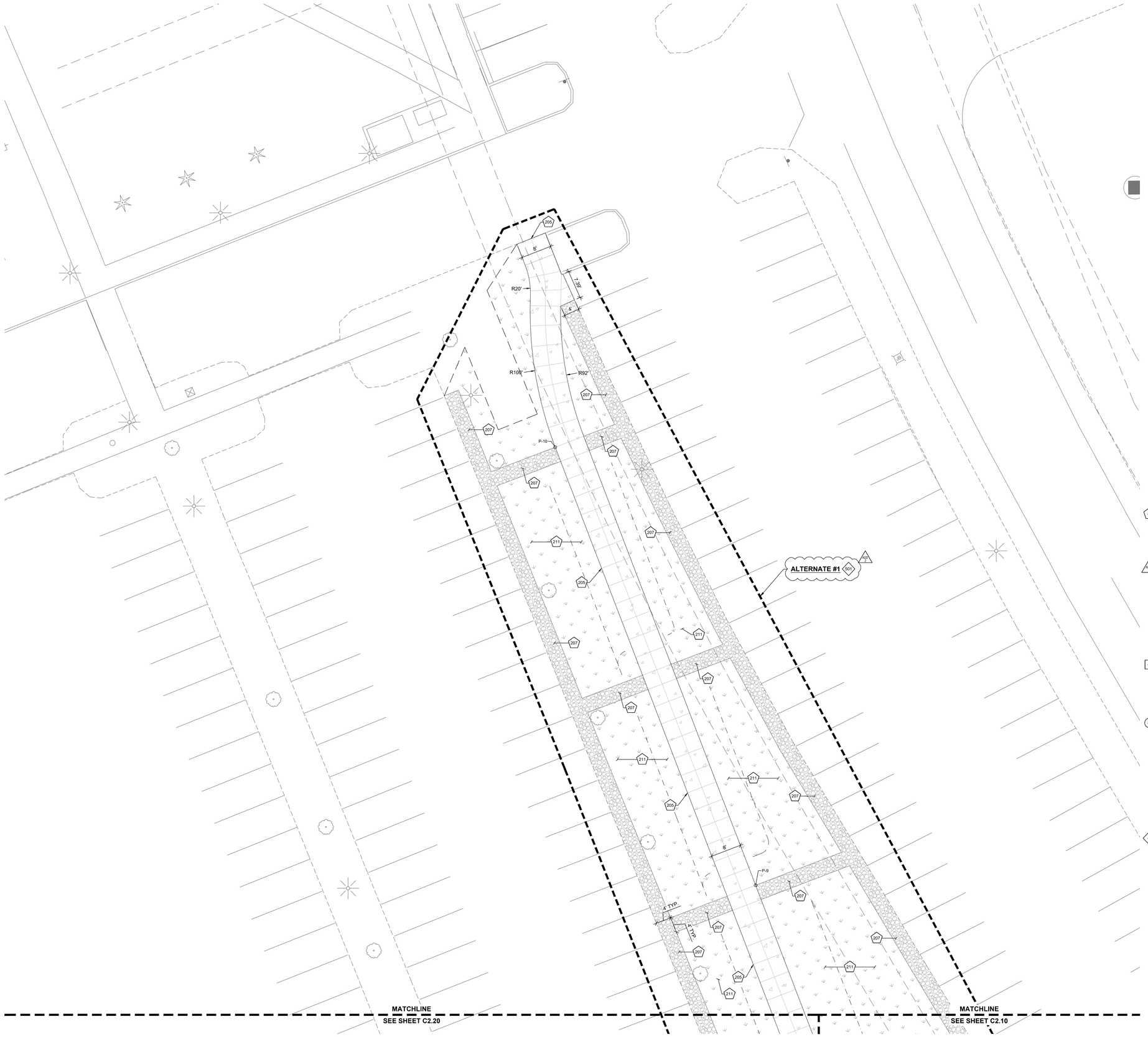
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SITE CONSTRUCTION PLAN - AREA 2

C2.20

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1 C2.30 **SITE CONSTRUCTION PLAN - AREA 3**

1"=10'

LEGEND

PROPOSED

HATCHES & LINE TYPES:

- BUILDING
- ASPHALT PAVING
- CONCRETE SIDEWALK
- CONCRETE SIDEWALK - SNOWMELT
- HYDROSEED
- LANDSCAPING
- GRAVEL ROADWAY SHOULDER
- CRUSHED ROCK PAVING
- RIPRAP - SEE C3.00 SERIES
- CURB
- CONVEYANCE SWALE

SYMBOLS:

- HORIZONTAL CONTROL POINT
- BOLLARD
- NEW SITE LIGHT
- PARKING BUMPER
- SIGN
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ALTERNATE: SNOWMELT CONCRETE SIDEWALK PER 3b/C5.00.
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227. STOP BAR PER TM503/C6.10 FIGURE 'S'.
228. DETECTABLE WARNING SIMILAR TO ODOT RD902/C6.10.

SIGNAGE AND FIXTURE NOTES:

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10 0 5 10 20

1 IN = 10 FT

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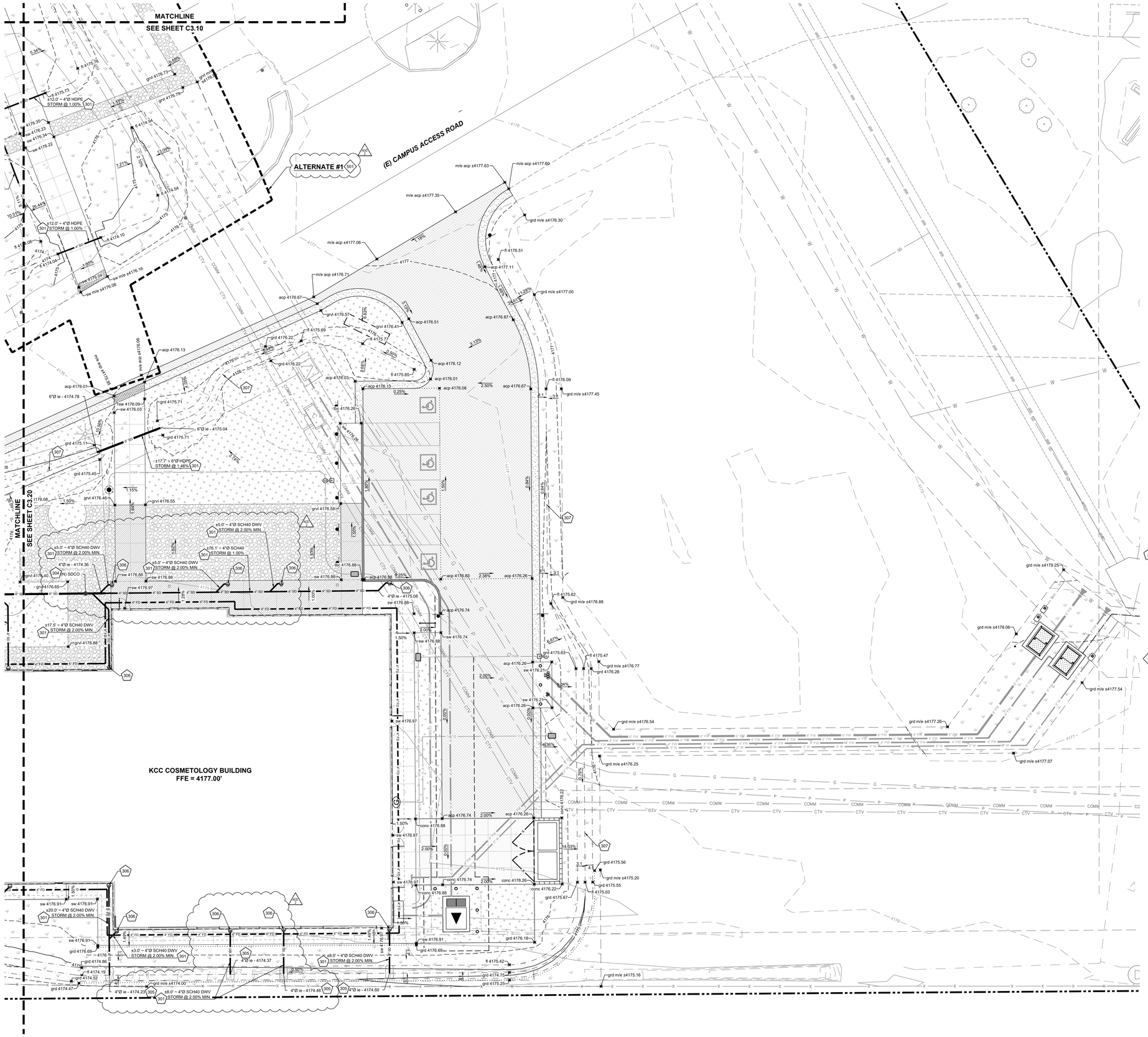
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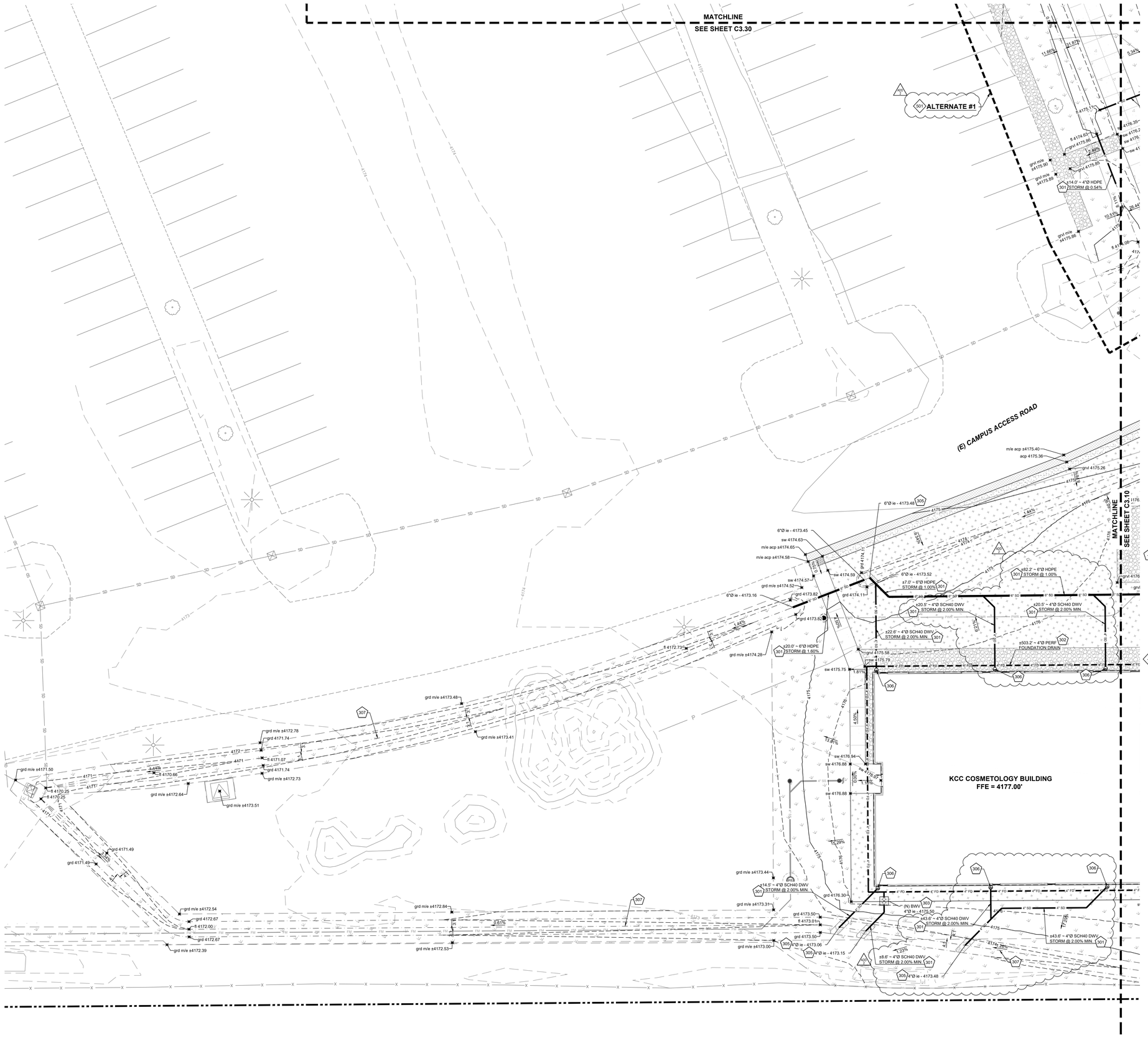
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SITE CONSTRUCTION PLAN - AREA 3

C2.30

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MATCHLINE
SEE SHEET C3.10
MATCHLINE
SEE SHEET C3.20
(E) CAMPUS ACCESS ROAD
ALTERNATE #1
KCC COSMETOLOGY BUILDING
FFE = 4177.00'
±12.0' ~ 4"Ø HDPE
STORM @ 1.00%
±17.7' ~ 6"Ø HDPE
STORM @ 1.46%
±5.0' ~ 4"Ø SCH40 DWV
STORM @ 2.00% MIN.
±76.1' ~ 4"Ø SCH40
STORM @ 1.00%
±20.0' ~ 4"Ø SCH40 DWV
STORM @ 2.00% MIN.
±3.0' ~ 4"Ø SCH40 DWV
STORM @ 2.00% MIN.
±8.0' ~ 4"Ø SCH40 DWV
STORM @ 2.00% MIN.
(N) SDCO
4"Ø ie - 4174.36
4"Ø ie - 4174.37
4"Ø ie - 4174.23
4"Ø ie - 4174.46
4"Ø ie - 4174.60
6"Ø ie - 4174.78
6"Ø ie - 4175.04
m/e acp ±4176.64
m/e acp ±4176.60
m/e acp ±4177.63
m/e acp ±4177.60
m/e acp ±4177.35
m/e acp ±4177.06
m/e acp ±4176.71
grd m/e ±4176.30
grd m/e ±4177.00
grd m/e ±4177.45
grd m/e ±4179.25
grd m/e ±4178.06
grd m/e ±4177.54
grd m/e ±4177.26
grd m/e ±4177.07
grd m/e ±4176.54
grd m/e ±4176.25
grd m/e ±4176.77
grd m/e ±4175.20
grd m/e ±4175.16
grd m/e ±4174.00
grd m/e ±4176.16
grd m/e ±4176.08
acp 4176.67
acp 4176.87
acp 4176.13
acp 4176.01
acp 4176.03
acp 4176.12
acp 4176.08
acp 4176.83
acp 4176.74
acp 4176.51
acp 4176.26
conc 4176.88
conc 4176.74
conc 4176.22
grvl 4176.57
grvl 4176.41
grvl 4176.73
grvl 4176.79
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grd 4174.47
grd 4176.18
grd 4175.63
grd 4176.28
grd 4175.56
grd 4175.55
grd 4175.67
grd 4175.70
grd 4175.25
tbc 4176.20
tbc 4176.26
tbc 4176.88
f/f 4176.09
f/f 4175.62
f/f 4175.47
f/f 4175.42
f/f 4174.19
f/f 4175.03
sw 4176.09
sw 4176.03
sw 4176.88
sw 4176.97
sw 4176.91
sw 4176.74
sw 4176.21
sw 4176.04
sw 4176.10
sw 4176.22
sw 4176.54
4176.36
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4176.88
4176.97
4176.91
4176.69
4176.42
4176.16
4176.22
4176.74
4176.88
4176.97
4176.92
4176.91
4176.69
4176.70



1 C3.20 **GRADING AND DRAINAGE PLAN - AREA 2**

1"=10'

10 0 5 10 20

1 IN = 10 FT

LEGEND

HATCHES & LINE TYPES:

- BUILDING
- ASPHALT PAVING
- CONCRETE SIDEWALK
- CONCRETE SIDEWALK - SNOWMELT
- HYDROSEED
- LANDSCAPING
- GRAVEL ROADWAY SHOULDER
- CRUSHED ROCK PAVING
- RIPRAP
- CURB
- CONVEYANCE SWALE
- 4175 SURFACE CONTOUR - MAJOR
- 4176 SURFACE CONTOUR - MINOR
- 4175 NEW SURFACE CONTOUR - MAJOR
- 4176 NEW SURFACE CONTOUR - MINOR
- 4" FD FOUNDATION DRAIN
- 4" SD STORM SEWER - Ø VARIES
- SANITARY SEWER
- 3" W DOMESTIC WATER - Ø VARIES
- 4" FW FIRE WATER
- 2" P POWER - BURIED
- 1.5" G NATURAL GAS - BURIED

SYMBOLS:

- acp 100.00 GRADE SPOT ELEVATION
- 2.00% GRADING SLOPE
- STORM DRAIN CLEANOUT
- DOWNSPOUT CONNECTION POINT
- BACK WATER VALVE
- BOLLARD
- PARKING BUMPER
- NEW SITE LIGHT
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- WATER VAULT
- WATER METER
- SANITARY SEWER PUMP STATION
- POWER TRANSFORMER

ABBREVIATIONS

ACP	ASPHALT PAVEMENT
CONC	CONCRETE PAVEMENT
FFE	FINISHED FLOOR ELEVATION
FL	FLOWLINE
GRD	GROUND
GRVL	GRAVEL
M/E	MATCH EXISTING
SW	SIDEWALK
TBC	TOP BACK OF CURB

GRADING AND DRAINAGE NOTES:

GENERAL GRADING AND DRAINAGE NOTES:
REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOT ALL NOTES ARE USED ON EACH SHEET.

GRADING AND DRAINAGE NOTES:

301. STORM PIPE IN TRENCH PER 12/C5.00. MATERIAL AS NOTES ON PLAN:
HDPE - DUAL WALL CORRUGATED HDPE
PVC - SCHEDULE 40 DVW PVC
302. FOUNDATION DRAIN PER 13/C5.00. MATERIAL AS NOTED ON PLAN:
PERF - PERFORATED SCHEDULE 40 DVW PVC
303. FOUNDATION DRAIN BACKFLOW DEVICE PER 14/C5.00.
304. CLEANOUT RISER TO GRADE PER 15/C5.00.
305. MITERED DRAIN END CAP AND RIP RAP OR COBBLE DISCHARGE PER 16/C5.10.
306. DOWNSPOUT BOOT AND CONNECTION PER 17/C5.10.
307. LANDSCAPED CONVEYANCE CHANNEL. TYPICAL SECTION PER 18/C5.10.

ALTERNATE NOTES:

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No.	Description	Date
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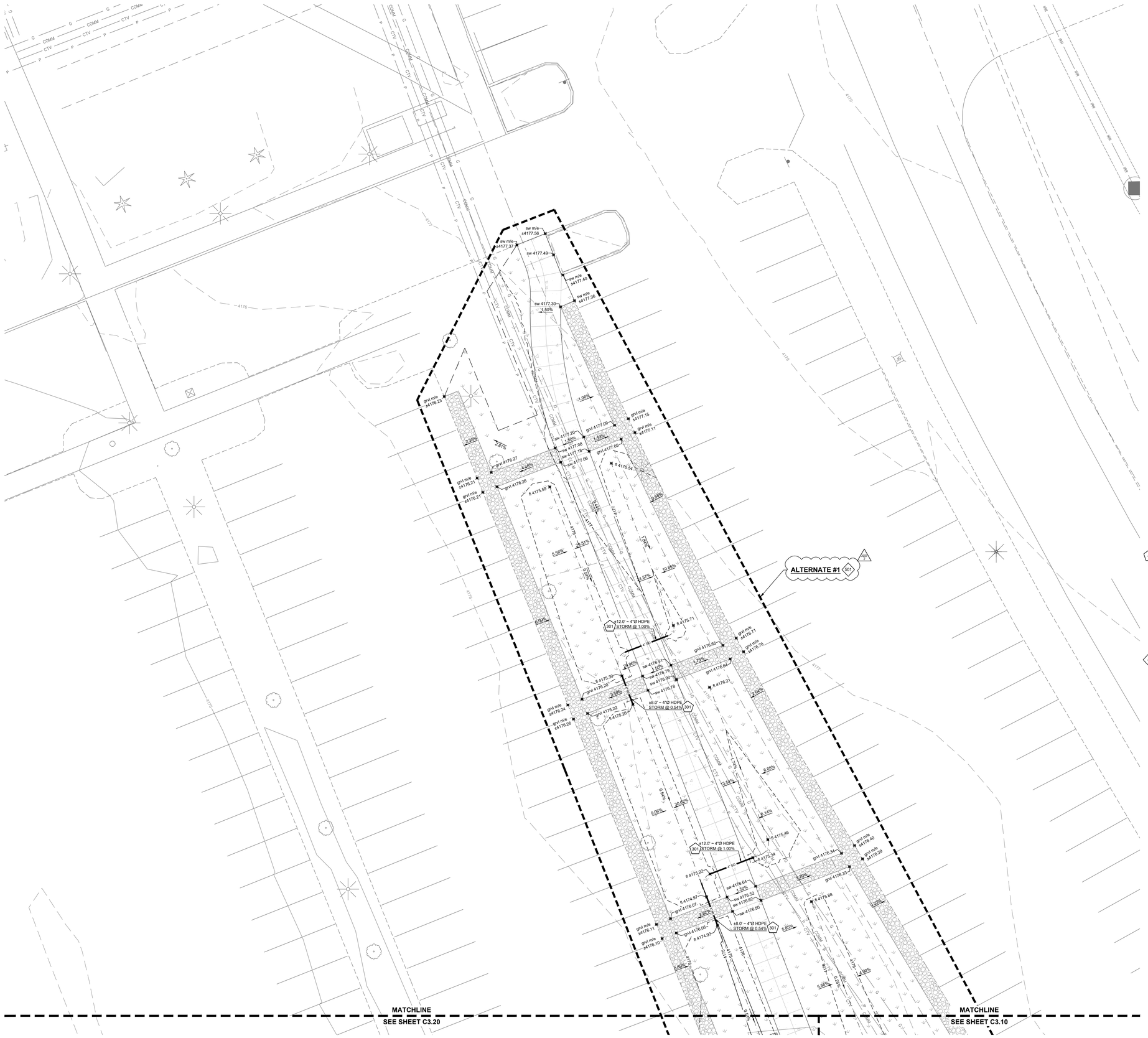
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

GRADING AND DRAINAGE PLAN - AREA 2

C3.20

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1 C3.30 **GRADING AND DRAINAGE PLAN - AREA 3**

1"=10'

10 0 5 10 20

1 IN = 10 FT

LEGEND

HATCHES & LINE TYPES:

- BUILDING
- ASPHALT PAVING
- CONCRETE SIDEWALK
- CONCRETE SIDEWALK - SNOWMELT
- HYDROSEED
- LANDSCAPING
- GRAVEL ROADWAY SHOULDER
- CRUSHED ROCK PAVING
- RIPRAP
- CURB
- CONVEYANCE SWALE
- 4175 — SURFACE CONTOUR - MAJOR
- 4176 — SURFACE CONTOUR - MINOR
- 4175 — NEW SURFACE CONTOUR - MAJOR
- 4176 — NEW SURFACE CONTOUR - MINOR
- 4" FD — FOUNDATION DRAIN
- 4" SD — STORM SEWER - Ø VARIES
- SANITARY SEWER
- DOMESTIC WATER - Ø VARIES
- FIRE WATER
- POWER - BURIED
- NATURAL GAS - BURIED

SYMBOLS:

- acp 100.00 — GRADE SPOT ELEVATION
- 2.00% — GRADING SLOPE
- STORM DRAIN CLEANOUT
- DOWNSPOUT CONNECTION POINT
- BACK WATER VALVE
- BOLLARD
- PARKING BUMPER
- NEW SITE LIGHT
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- WATER VAULT
- WATER METER
- SANITARY SEWER PUMP STATION
- POWER TRANSFORMER

ABBREVIATIONS

ACP	ASPHALT PAVEMENT
CONC	CONCRETE PAVEMENT
FFE	FINISHED FLOOR ELEVATION
FL	FLOWLINE
GRD	GROUND
GRVL	GRAVEL
M/E	MATCH EXISTING
SW	SIDEWALK
TBC	TOP BACK OF CURB

GRADING AND DRAINAGE NOTES:

GENERAL GRADING AND DRAINAGE NOTES:
REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOT ALL NOTES ARE USED ON EACH SHEET.

GRADING AND DRAINAGE NOTES:

301. STORM PIPE IN TRENCH PER 12/C5.00. MATERIAL AS NOTES ON PLAN:
HDPE - DUAL WALL CORRUGATED HDPE
PVC - SCHEDULE 40 DVW PVC
302. FOUNDATION DRAIN PER 13/C5.00. MATERIAL AS NOTED ON PLAN:
PERF - PERFORATED SCHEDULE 40 DVW PVC
303. FOUNDATION DRAIN BACKFLOW DEVICE PER 14/C5.00.
304. CLEANOUT RISER TO GRADE PER 15/C5.00.
305. MITERED DRAIN END CAP AND RIP RAP OR COBBLE DISCHARGE PER 16/C5.10.
306. DOWNSPOUT BOOT AND CONNECTION PER 17/C5.10.
307. LANDSCAPED CONVEYANCE CHANNEL. TYPICAL SECTION PER 18/C5.10.

ALTERNATE NOTES:

501. ALTERNATE #1: ALL WORK NORTH OF THE EXISTING ACCESS ROAD WITHIN LIMITS SHOWN. ASPHALT SHOULDER REPLACEMENT SHALL BE INCLUDED WITH BASE BID.

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1140 sw Simpson Ave. - Suite 200
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REGISTERED PROFESSIONAL ENGINEER
105488PE
OREGON
SEPT. 10, 2021
LUCAS G. GOWEY
EXPIRES: 06/30/27

ZCS

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR
97603

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

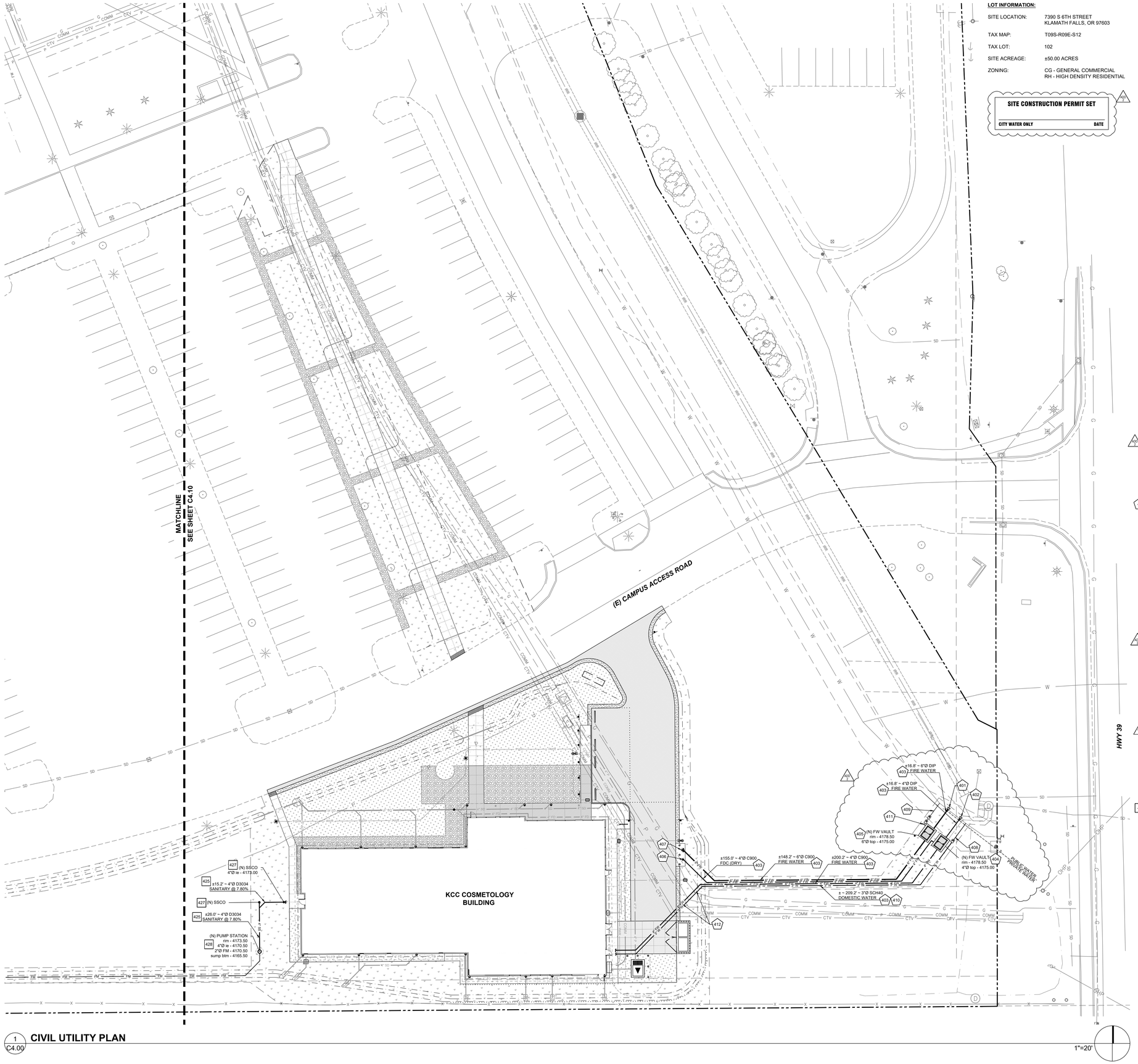
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

GRADING AND DRAINAGE PLAN - AREA 3

C3.30

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1 C4.00 **CIVIL UTILITY PLAN**

1"=20'

LOT INFORMATION:

SITE LOCATION:	7390 S 6TH STREET KLAMATH FALLS, OR 97603
TAX MAP:	T09S-R09E-S12
TAX LOT:	102
SITE ACREAGE:	±50.00 ACRES
ZONING:	CG - GENERAL COMMERCIAL RH - HIGH DENSITY RESIDENTIAL

SITE CONSTRUCTION PERMIT SET

CITY WATER ONLY DATE

LEGEND

HATCHES & LINE TYPES:

- BUILDING
- ASPHALT PAVING
- CONCRETE SIDEWALK
- CONCRETE SIDEWALK - SNOWMELT
- HYDROSEED
- LANDSCAPING
- GRAVEL ROADWAY SHOULDER
- CRUSHED ROCK PAVING
- RIPRAP
- CURB
- CONVEYANCE SWALE
- 4175 — SURFACE CONTOUR - MAJOR
- 4176 — SURFACE CONTOUR - MINOR
- 3"W — DOMESTIC WATER - Ø VARIES
- 4"FW — FIRE WATER
- 8"SS — SANITARY SEWER
- 2"P — POWER - BURIED
- 1.5"G — NATURAL GAS - BURIED
- 4"FD — FOUNDATION DRAIN
- 4"SD — STORM SEWER - Ø VARIES

SYMBOLS:

- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- WATER VAULT
- WATER METER
- SANITARY SEWER PUMP STATION
- POWER TRANSFORMER
- STORM DRAIN CLEANOUT
- DOWNSPOUT CONNECTION POINT
- BACK WATER VALVE
- BOLLARD
- PARKING BUMPER
- NEW SITE LIGHT

CIVIL UTILITY NOTES:

GENERAL CIVIL UTILITY NOTES:

REFER TO MEP PLANS FOR REQUIREMENTS AND CONTINUATION OF SERVICES WITHIN FIVE (5) FEET OF BUILDING FOOTPRINT.

CONTRACTOR TO COORDINATE WITH ALL APPLICABLE DESIGNERS AND AGENCIES AS NECESSARY IN EVENT OF UTILITY CONFLICT.

ALL PRIVATE WATER LINES AND FITTINGS 4"Ø AND LARGER SHALL BE FULLY RESTRAINED PER 22/CS.10.

THE CONTRACTOR SHALL NOT ADJUST OR OPERATE WATER VALVES UNDER CITY JURISDICTION. COORDINATE WITH CITY INSPECTOR IF A CITY VALVE NEEDS TO BE TURNED.

CITY WATER DIVISION WILL CONDUCT INITIAL TESTING ON ALL (4) BACKFLOW DEVICES. COORDINATE WITH CITY INSPECTOR AT TIME OF CONSTRUCTION.

NOT ALL NOTES ARE USED ON EACH SHEET

WATER NOTES:

401. 6"Ø CONNECTION TO EXISTING 12"Ø PVC WATER MAIN PER CKF 7-105, 7-105s, AND 7-105b ON C6.00. CONTRACTOR SHALL HOT-TAP MAIN UNDER CITY INSPECTION. CHLORINATE ALL PIPE, FITTINGS, AND VALVES TO DOUBLE CHECK DETECTOR. PROVIDE THRUST BLOCKING PER CKF 2-120/C6.00.
402. 4"Ø CONNECTION TO EXISTING 12"Ø PVC WATER MAIN PER CKF 7-105, 7-105A, AND 7-105B ON C6.00. CONTRACTOR SHALL HOT-TAP MAIN UNDER CITY INSPECTION. CHLORINATE ALL PIPE, FITTINGS, AND VALVES TO DOUBLE CHECK DETECTOR. PROVIDE THRUST BLOCKING PER CKF 2-120/C6.00.
403. WATER LINE IN TRENCH PER 2-105/C6.00. MATERIAL AS NOTED ON PLAN:
    - C900 - BLUE C900 DR18
    - DIP - CLASS 50 DUCTILE IRON
    - SCH40 - SCHEDULE 40 PVC
404. 4"Ø "FEBCO" LF856" IN VAULT PER 23/C5.10.
405. 6"Ø "FEBCO" LF856" IN VAULT SIMILAR TO 23/C5.10.
406. FIRE DEPARTMENT CONNECTION PER 21/C5.10.
407. FIRE HYDRANT ASSEMBLY SIMILAR TO CKF 7-110/C6.10. HYDRANTS SHALL BE PAINTED RED IN COLOR BY MANUFACTURER
408. CITY TO INSTALL 2"Ø DOMESTIC WATER LATERAL, PLACE METER BOX, AND INSTALL CITY PROVIDED 2"Ø METER PER CKF 7-100, 7-100B, AND 7-100C ON C6.00. COORDINATE METER INSTALLATION AT TIME OF CITY PROJECT ACCEPTANCE. ALL HARDSCAPE REMOVAL AND REPLACEMENT BY CONTRACTOR
409. INSTALL 1"Ø IRRIGATION WATER LATERAL, PLACE METER BOX, AND INSTALL CITY PROVIDED 1"Ø METER PER CKF 7-100, 7-100B, AND 7-100C ON C6.00. COORDINATE METER INSTALLATION AT TIME OF CITY PROJECT ACCEPTANCE. PROVIDE CONTINUATION PER LANDSCAPE PLANS. ALL HARDSCAPE REMOVAL AND REPLACEMENT BY CONTRACTOR.
410. 3"Ø DOMESTIC WATER CONTINUATION TO REDUCED PRESSURE BACKFLOW DEVICE INTERNAL TO BUILDING. REFER TO MEP PLANS FOR ADDITIONAL INFORMATION.
411. POINT OF CONNECTION TO IRRIGATION SYSTEM BEHIND BACKFLOW DEVICE PER LANDSCAPE PLANS. REFER TO LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
412. APPROXIMATE LOCATION OF NEW WATER SERVICES CROSSING EXISTING UTILITY CORRIDOR. CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES TO AVOID CONFLICTS THROUGHOUT CONSTRUCTION. WATER SYSTEMS SHALL PASS BELOW ALL EXISTING UTILITIES SHOWN AND FOUND WITH 12" MINIMUM SEPARATION FROM OUTSIDE OF PIPES OR CONDUITS (AS APPLICABLE) TO WATER PIPING. COORDINATE WITH ENGINEER AT TIME OF CONSTRUCTION AS REQUIRED.

SANITARY SEWER NOTES:

425. SANITARY SEWER GRAVITY LINE IN TRENCH PER 12/C5.00. MATERIAL AS NOTED ON PLAN:
    - D3034 - GREEN ASTM D3034 SDR 35
426. SANITARY SEWER FORCE MAIN IN TRENCH PER 12/C5.00. MATERIAL AS NOTED ON PLAN:
    - SCH40 - ASTM D1785 SCHEDULE 40 PVC

    TRENCHING, BACKFILL, AND SURFACING REPLACEMENT BY CONTRACTOR. MATCH EXISTING SECTION FOR LANDSCAPING, ASPHALT PAVING, GRAVEL PAVING, ETC. AS APPLICABLE. CONTRACTOR MAY ELECT TO BORE UNDER EXISTING WALKWAY TO MINIMIZE DISTURBANCE WHERE FEASIBLE
427. SANITARY SEWER CLEANOUT PER 15/C5.00.
428. GRINDER PUMP STATION. FURNISH AND INSTALL 'ZOELLER' MODEL '840-0007' 2-HORSEPOWER REVERSING GRINDER PUMP IN PREPACKAGED 'ZOELLER' 48"Ø X 96" DUPLEX FIBERGLASS BASIN (OR APPROVED EQUAL). INSTALL PER MANUFACTURER RECOMMENDATIONS. PUMP VAULT LID SHALL SIT 1-2" PROUD OF FINISHED GRADE. PROVIDE CUTSHEET TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ORDERING MATERIALS. REFER TO ELECTRICAL PLANS FOR POWER REQUIREMENTS.
429. PROVIDE PRESSURE-BREAK CLEANOUT PER 25/C5.10 AND CONNECTION TO EXISTING PRIVATE SANITARY SEWER LATERAL PER SD-7/C6.10.
430. SANITARY SEWER FORCE MAIN CROSSING BENEATH EXISTING STORM DRAIN LINE. CONTRACTOR SHALL POTHOLE TO VERIFY DEPTH AT START OF CONSTRUCTION AND REPORT TO ENGINEER IN EVENT OF DISCREPANCY. PROTECT EXISTING STORM DRAIN LINE THROUGHOUT ALL PHASES OF CONSTRUCTION.

20 0 10 20 40

1 IN = 20 FT

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REGISTERED PROFESSIONAL ENGINEER
OREGON
SEPT. 10, 2002
LUCAS G. GOWEY
EXPIRES: 06/30/27

ZCS

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR 97603

CITY OF KLAMATH FALLS
MASTER FILE #: 339426

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

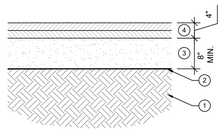
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

CIVIL UTILITY PLAN

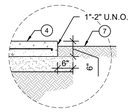
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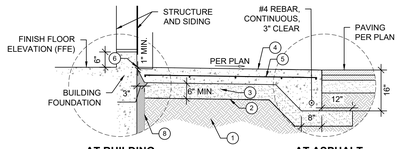


KEY NOTES:
1. APPROVED SUBGRADE.
2. WOVEN GEOTEXTILE SUPPORT FABRIC.
3. 3/4" MINUS AGGREGATE BASE PLACED IN 8" MAXIMUM LOOSE LIFTS COMPACTED TO 95% OF ASTM D1557 (MODIFIED PROTOR) PER THE PROJECT GEOTECHNICAL REPORT.
4. 4" ASPHALT PAVEMENT INSTALLED IN TWO (2) LIFTS.
   4.1. BASE COURSE: 2" OF ODOT LEVEL 2 ~ 1/2" DENSE MIX ACP WITH PG 64-28 BINDER.
   4.2. WEARING COURSE: 2" OF ODOT LEVEL 2 ~ 1/2" DENSE MIX ACP WITH PG 64-28 BINDER.

1 ASPHALT PAVEMENT SECTION - STANDARD DUTY
C5.00 — 1" = 1'



AT LANDSCAPE

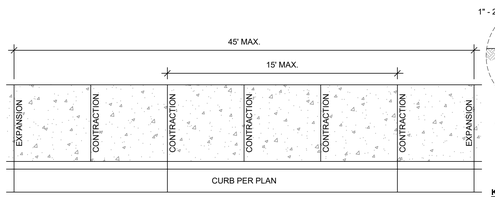


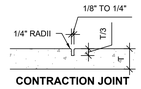
AT BUILDING — AT ASPHALT CONNECTION

KEY NOTES:
1. STRUCTURAL BACKFILL OUTSIDE BUILDING FOUNDATION OR APPROVED SUBGRADE AS APPLICABLE.
2. WOVEN GEOTEXTILE FABRIC.
3. 3/4" MINUS AGGREGATE BASE PLACED IN 6" MAXIMUM LOOSE LIFTS COMPACTED TO 95% OF ASTM D1557 (MODIFIED PROCTOR) PER THE PROJECT GEOTECHNICAL REPORT.
4. REINFORCED CONCRETE PAVEMENT, 6" THICK, 4,000 PSI COMMERCIAL GRADE CONCRETE.
5. #4 REBAR AT 18" O.C. EACH WAY, 2" CLEAR TOP & SIDES, 3" CLEAR BOTTOM.
6. 3/8" OR 1/2" PRE-MOLDED JOINT FILLER.
7. LANDSCAPE AREA PER LANDSCAPE PLANS.
8. EXTERIOR INSULATION PER ARCHITECTURAL PLANS.

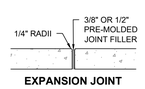
NOTES:
1. SIDEWALK PANELS TO BE GENERALLY SQUARE. JOINT LAYOUT SIMILAR TO UNREINFORCED SIDEWALK.
2. SIDEWALK PANELS TO HAVE BROOMED FINISH.
3. PROVIDE EXPANSION JOINTS AROUND POLES, BOXES, AND OTHER FIXTURES.
4. PROVIDE CONTRACTION JOINTS AT CURB RAMPS AND DRIVEWAYS.

2 6" THICK REINFORCED CONCRETE
C5.00 — 1/2" = 1'





CONTRACTION JOINT

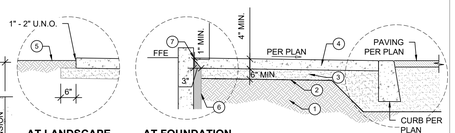


EXPANSION JOINT

KEY NOTES:
1. APPROVED SUBGRADE.
2. WOVEN GEOTEXTILE FABRIC.
3. 3/4" MINUS COMPACTED AGGREGATE BASE PLACED IN 8" MAXIMUM LOOSE LIFTS COMPACTED TO 95% OF ASTM D1557 (MODIFIED PROCTOR) PER THE PROEJCT GEOTECHNICAL REPORT.
4. UNREINFORCED CONCRETE SIDEWALK.
5. LANDSCAPE AREA PER LANDSCAPE PLANS.
6. EXTERIOR INSULATION PER ARCHITECTURAL PLANS.
7. 3/8" OR 1/2" PRE-MOLDED JOINT FILLER.

NOTES:
1. SIDEWALK PANELS TO BE GENERALLY SQUARE.
2. SIDEWALK PANELS TO HAVE BROOMED FINISH.
3. PROVIDE EXPANSION JOINTS AROUND POLES, BOXES, AND OTHER FIXTURES.
4. PROVIDE CONTRACTION JOINTS AT CURB RAMPS AND DRIVEWAYS.

3a 4" THICK UNREINFORCED SIDEWALK
C5.00 — 1/2

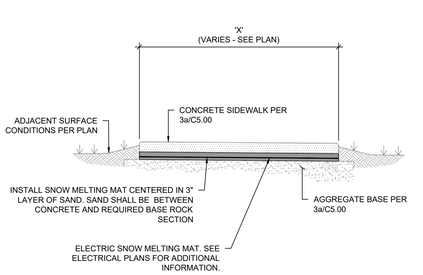


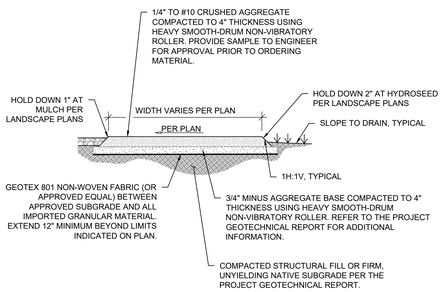
AT LANDSCAPE — AT FOUNDATION OR WALL — AT CURB

KEY NOTES:
1. APPROVED SUBGRADE.
2. GEOTEXTILE WHERE SPECIFIED WITH PAVEMENT SECTION.
3. 3/4" MINUS AGGREGATE BASE PLACED IN 8" MAXIMUM LOOSE LIFTS COMPACTED TO 95% OF ASTM D1557 (MODIFIED PROCTOR) PER THE PROJECT GEOTECHNICAL REPORT.

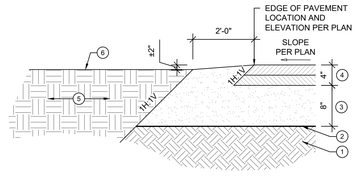
NOTES:
1. CONSTRUCT CURB EXPANSION JOINTS AT 45' MAXIMUM SPACING, AT POINTS OF TANGENCY, AND AT ENDS OF DRIVEWAYS/RAMPS.
2. CONSTRUCT CURB CONTRACTION JOINTS AT 15' MAXIMUM SPACING.
3. TRANSITION BETWEEN CURB EXPOSURES OR CURB TYPES PER PLAN.
4. TOP OF CURB TO SLOPE TOWARD PAVEMENT AT 1.5% UNLESS NOTED OTHERWISE.
5. DIMENSIONS AT RADII ARE MEASURED TO THE POINT OF INTERSECTION OF THE CURB SURFACES.

3b ALTERNATE SNOWMELT CONCRETE PAVING
C5.00 — NTS



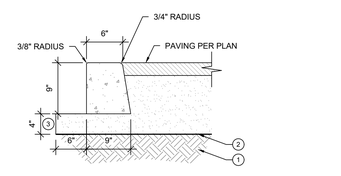


4 CRUSHED ROCK PAVING SECTION
C5.00 — NTS



KEY NOTES:
1. COMPACTED SUBGRADE.
2. WOVEN GEOTEXTILE SUPPORT FABRIC.
3. 3/4" MINUS AGGREGATE BASE PLACED IN 8" MAXIMUM LOOSE LIFTS COMPACTED TO 95% OF ASTM D1557 (MODIFIED PROCTOR) PER THE PROJECT GEOTECHNICAL REPORT.
4. 4" ASPHALT PAVEMENT INSTALLED IN TWO (2) LIFTS OF ODOT LEVEL 2 1/2" DENSE MIX ASPHALT PAVEMENT WITH PG 64-28 BINDER.
5. LANDSCAPE SECTION PER PLANS.
6. HYDROSEEDING PER LANDSCAPE PLANS.

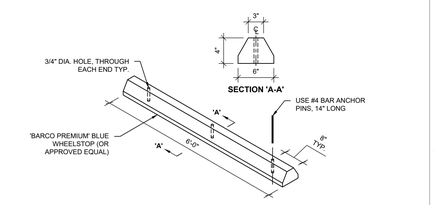
5 GRAVEL ROADWAY SHOULDER
C5.00 — NTS



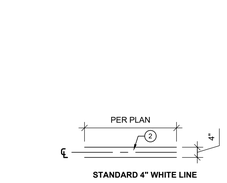
KEY NOTES:
1. APPROVED SUBGRADE.
2. GEOTEXTILE WHERE SPECIFIED WITH PAVEMENT SECTION.
3. 3/4" MINUS AGGREGATE BASE PLACED IN 8" MAXIMUM LOOSE LIFTS COMPACTED TO 95% OF ASTM D1557 (MODIFIED PROCTOR) PER THE PROJECT GEOTECHNICAL REPORT.

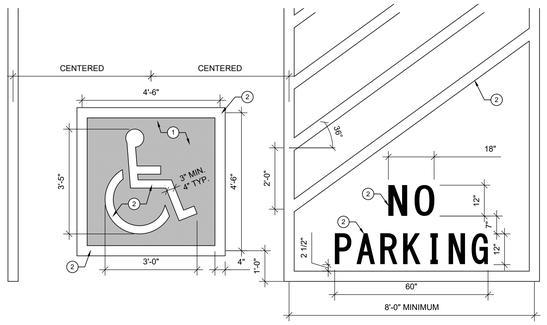
NOTES:
1. CONSTRUCT CURB EXPANSION JOINTS AT 45' MAXIMUM SPACING, AT POINTS OF TANGENCY, AND AT ENDS OF DRIVEWAYS/RAMPS.
2. CONSTRUCT CURB CONTRACTION JOINTS AT 15' MAXIMUM SPACING.
3. TRANSITION BETWEEN CURB EXPOSURES OR CURB TYPES PER PLAN.
4. TOP OF CURB TO SLOPE TOWARD PAVEMENT AT 1.5% UNLESS NOTED OTHERWISE.
5. DIMENSIONS AT RADII ARE MEASURED TO THE POINT OF INTERSECTION OF THE CURB SURFACES.

6 FLUSH CURB
C5.00 — NTS



7 WHEEL STOP
C5.00 — NTS



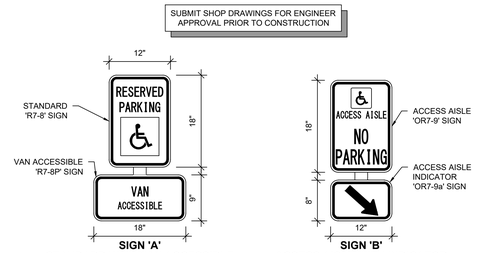


KEY NOTES:
1. BLUE RETROREFLECTIVE PAINT.
2. WHITE RETROREFLECTIVE PAINT.

NOTES:
1. PAINT TO BE RETROREFLECTIVE AND LISTED ON THE ODOT QPL.
2. ALL PAINT SHALL BE APPLIED WITH TWO COATS.
3. ACCESSIBLE PARKING ELEMENTS SHALL MEET THE CURRENT "STANDARDS FOR ACCESSIBLE PARKING SPACES" PUBLISHED BY THE *OREGON TRANSPORTATION COMMISSION*.
4. LETTERS AND SYMBOLS SHALL BE STENCILED. FREE HAND IS NOT PERMITTED.

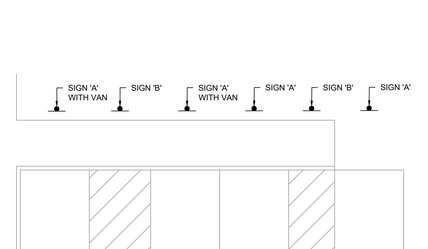
8 ACCESSIBLE PARKING STRIPING
C5.00 — NTS

SUBMIT SHOP DRAWINGS FOR ENGINEER APPROVAL PRIOR TO CONSTRUCTION

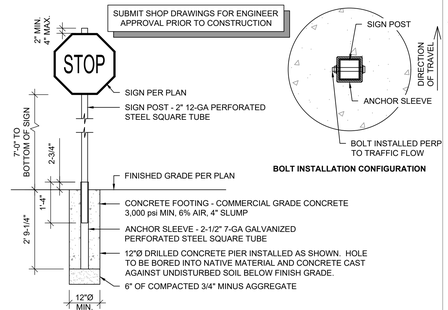


NOTES:
1. SIGN MATERIAL TO BE 0.063" MINIMUM RUST-FREE ALUMINUM SHEET.
2. BACKGROUND: WHITE, RETROREFLECTIVE.
3. LEGEND: R7-9 & R7-8P, GREEN, RETROREFLECTIVE. R7-9 & R7-8A, RED, RETROREFLECTIVE
4. ACCESSIBLE SYMBOL: WHITE ON BLUE, RETROREFLECTIVE.
5. ACCESSIBLE PARKING ELEMENTS SHALL MEET THE CURRENT "STANDARDS FOR ACCESSIBLE PARKING SPACES" PUBLISHED BY THE *OREGON TRANSPORTATION COMMISSION*.

9 ACCESSIBLE PARKING SIGNING
C5.00 — NTS



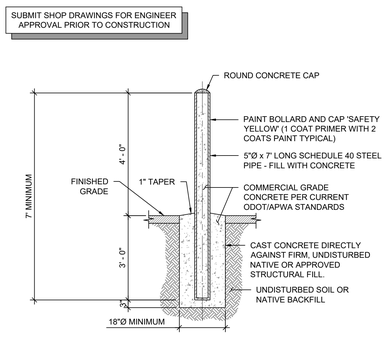
SUBMIT SHOP DRAWINGS FOR ENGINEER APPROVAL PRIOR TO CONSTRUCTION



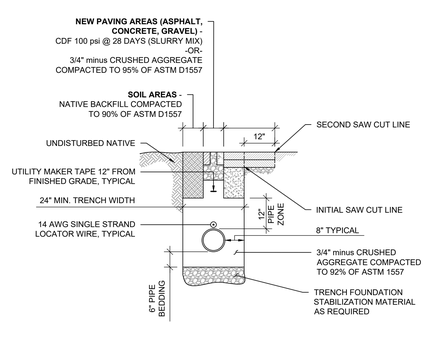
NOTES
1. CONNECT SIGN POST TO SLIP SLEEVE USING 3/8"Ø BOLT WITH FLAT WASHER AND LOCK WASHER UNDER NUT AND FLAT WASHER UNDER HEAD.
2. CONNECT SIGN TO POST USING 3/8"Ø BOLT. INSTALL WITH BOLT HEAD ON SIGN FACE. INSTALL NYLON WASHER ON SIGN FACE THEN DOUBLE FLAT WASHERS BELOW BOLT HEAD. INSTALL FLAT WASHER AND NYLON LOCKING NUT AT BACK OF SIGN POST.
3. ALL BOLTS AND NUTS TO BE 304 OR 316 STAINLESS STEEL UNLESS NOTED OTHERWISE.
4. BOLT ENDS SHALL NOT EXTEND MORE THAN 1/4" BEYOND THE NUT.

10 SIGN INSTALLATION
C5.00 — NTS

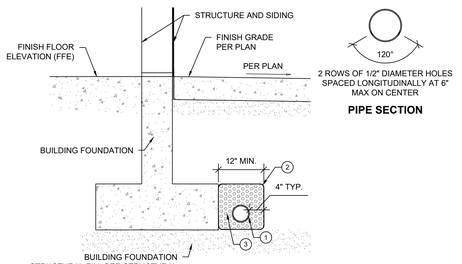
SUBMIT SHOP DRAWINGS FOR ENGINEER APPROVAL PRIOR TO CONSTRUCTION



11 STATIONARY BOLLARD DETAIL
C5.00 — NTS



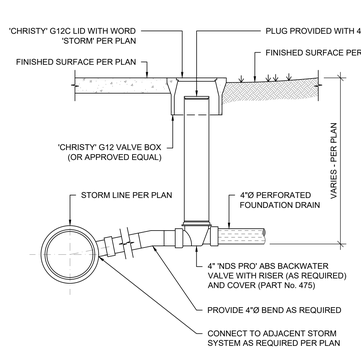
12 PRIVATE WET UTILITY TRENCH SECTION
C5.00 — 1/2" = 1'



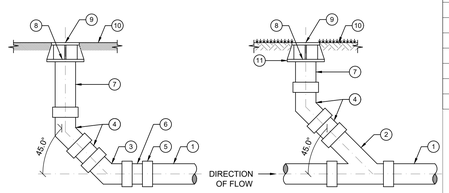
KEY NOTES:
1. 4"Ø SOLVENT WELD ASTM D1785 PERFORATED SCHEDULE 40 DWV PVC. ALL FITTINGS TO BE SOLVENT WELD SCHEDULE 40 PVC.
2. NON-WOVEN FILTER FABRIC.
3. 1-1/2" TO 3/4" WASHED DRAIN ROCK.

NOTES:
1. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION. COORDINATE WITH ARCHITECT AND ENGINEERS AS NECESSARY.

13 FOUNDATION DRAIN DETAIL
C5.00 — NTS



14 FOUNDATION DRAIN BACK WATER VALVE
C5.00 — 3/4" = 1'



BEGINNING OF LINE CLEANOUT — IN-LINE CLEANOUT

KEY NOTES:
1. MAIN LINE PER PLAN
2. WYE
3. 45° BEND
4. SPOOL AND 45° BEND OR BELL x SPIGOT 45° BEND
5. ECCENTRIC REDUCER AS NECESSARY
6. SPOOL AS NECESSARY
7. CLEANOUT RISER. 4"Ø FOR 4"Ø LINE, 6"Ø FOR 6"Ø AND LARGER LINE
8. PROVIDE MECHANICAL PLUG, 'CHERNE' 'END OF PIPE GRIPPER' OR APPROVED ALTERNATIVE
9. PROVIDE RING AND COVER CASTING WITH THE WORD 'STORM' OR 'SEWER', AS APPLICABLE
10. FINISH GRADE PER PLAN
11. IF LOCATED WITHIN LANDSCAPE OR OPEN GROUND AREAS PROVIDE 24"Ø 4" THICK CONCRETE COLLAR AROUND CLEANOUT RING AND COVER.

NOTES:
1. ALL FITTING, RISER, AND SPOOL MATERIALS TO MATCH MAIN LINE, UNLESS NOTED OTHERWISE.

15 TYPICAL PRIVATE CLEANOUT TO GRADE
C5.00 — NTS

BBT ARCHITECTS
1140 sw Simpson Ave. - Suite 200
Bend, Oregon 97702
t 541.382.5535 | f 541.389.8033

REGISTERED PROFESSIONAL ENGINEER — OREGON — 105488PE — SEPT. 10, 2021 — LUCAS G. GOWEY
EXPIRES: 06/30/27

ZCS

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR 97603

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

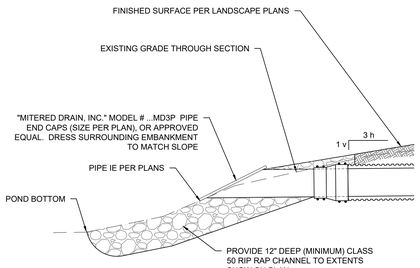
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

CIVIL DETAILS

C5.00

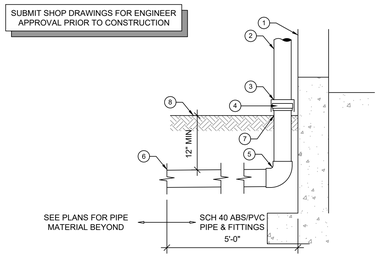
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16 C5.10 PIPE OUTFALL WITH ENERGY DISSIPATER

NTS

SUBMIT SHOP DRAWINGS FOR ENGINEER APPROVAL PRIOR TO CONSTRUCTION

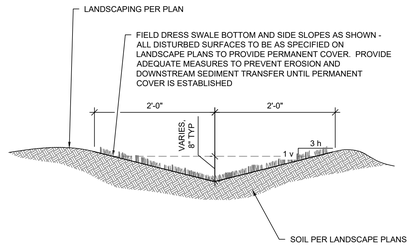


KEY NOTES:

1. BUILDING AND FOUNDATION PER ARCHITECTURAL AND STRUCTURAL DRAWINGS.
2. DOWNSPOUT PER ARCHITECTURAL DRAWINGS.
3. COVER PER ARCHITECTURAL DRAWINGS.
4. HUB.
5. 90° BEND.
6. CONNECT TO STORM SYSTEM PER PLAN. TRANSITION MATERIAL WITH APPROVED MANUFACTURED ADAPTER.
7. PROVIDE EXPANSION JOINT MATERIAL OR SIMILAR AROUND PIPE WHEN PASSING THROUGH CONCRETE TO ALLOW MOVEMENT.
8. FINISH GRADE PER PLAN.

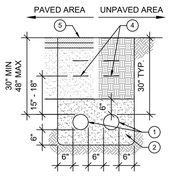
21 C5.20 PVC HUB DOWNSPOUT CONNECTION

NTS



18 C5.10 LANDSCAPED CONVEYANCE CHANNEL

NTS



KEY NOTES:

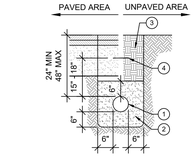
1. PACIFICORP PRIMARY POWER CONDUIT.
2. PIPE ZONE: BACKFILL SCREENED TO 4" MINUS OR APPROVED IMPORTED STRUCTURAL FILL.
3. COMPACTED RECLAIMED NATIVE BACKFILL.
4. 6" WIDE X 0.004" THICK (MIN) WARNING TAPE, RED, READING 'CAUTION BURIED ELECTRIC LINE BELOW'. 3M SCOTCH #368 OR APPROVED ALTERNATIVE.
5. PAVEMENT SECTION PER PLAN.

NOTES:

1. PRIMARY POWER INSTALLATION SHALL MEET THE REQUIREMENTS OF POWER COMPANY, REFER TO APPROVED POWER PLAN. CONTRACTOR TO COORDINATE FINAL REQUIREMENTS AND INSPECTIONS.
2. PRIMARY POWER CONDUIT MUST BE 36" MIN HORIZONTALLY FROM OTHER UTILITIES, AND 12" MIN VERTICALLY AT CROSSINGS.
3. CONTRACTOR TO PROVIDE AND INSTALL FLAT PULL LINE RATED TO 1,000-LB TENSION WITH 6 FT EXTRA LINE EXTENDING FROM EACH END OF THE CONDUIT. SECURE EXTRA LINE AND CAP CONDUIT.
4. PRIMARY CONDUIT SHALL BE ELECTRICAL GRADE SCH 40 PVC. HORIZONTAL SWEEPS SHALL BE 60" RADIUS FIBERGLASS WITH 0.11" MINIMUM WALL THICKNESS.

19 C5.10 PRIMARY POWER TRENCH

NTS



KEY NOTES:

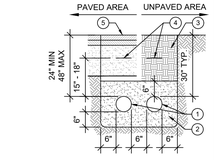
1. SECONDARY POWER OR DATA/COMMUNICATIONS CONDUIT.
2. PIPE ZONE: 3/4" MINUS COMPACTED CRUSHED ROCK.
3. COMPACTED RECLAIMED NATIVE BACKFILL.
4. WARNING TAPE
   POWER: 6" WIDE, RED, READING 'CAUTION BURIED ELECTRIC LINE BELOW'.
   COMMUNICATIONS: 6" WIDE, ORANGE, READING 'CAUTION BURIED COMMUNICATIONS LINE BELOW'.
5. PAVEMENT SECTION PER PLAN.

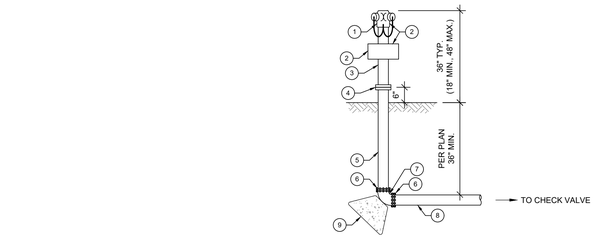
NOTES:

1. BACKFILL CONTROL LOW-STRENGTH MATERIAL IN AREAS WITHIN 12" OF ADJACENT UTILITY PIPING OR STRUCTURES PER SPECIFICATION SECTION 31_23_16.13.

20 C5.10 SECONDARY POWER / CONDUIT TRENCH

NTS





KEY NOTES:

1. 4"Ø FREE-STANDING FIRE DEPARTMENT CONNECTION WITH (2) 2-1/2" NST CLAPPERED SNOOTS OR APPROVED ALTERNATIVE.
2. FACILITY IDENTIFICATION PLATE MARKED "COSMETOLOGY BUILDING" OR AS APPROVED BY FIRE MARSHAL.
3. 4"Ø SCHEDULE 80 GALVANIZED STEEL THREADED NIPPLE.
4. 4"Ø THREADED FLANGE ADAPTER/COMPANION FLANGE WITH 1/8" THICK MIN. FULL-FACE STYRENE BUTADIENE GASKET.
5. 4"Ø CLASS 50 DIP, FLG x PE.
6. 4"Ø MECHANICAL JOINT RESTRAINT HARNESS, MEGALUG OR APPROVED ALTERNATIVE.
7. 4"Ø DUCTILE IRON PIPE 90° BEND, MJ x MJ.
8. 4"Ø DR18 C900 PVC OR 4"Ø CLASS 50 DIP. PER PLAN
9. CONCRETE THRUST BLOCK, SIZE SAME AS HORIZONTAL 90° BEND THRUST BLOCK.

21 C5.10 FIRE DEPARTMENT CONNECTION

NTS

CALCULATIONS FOR DUCTILE IRON PIPE RESTRAINT BASED ON THE 'DUCTILE IRON PIPE RESEARCH ASSOCIATION' *THRUST RESTRAINT FOR DUCTILE IRON PIPE, SEVENTH EDITION* (LAST REVISED MAY 2016) AND THE FOLLOWING CONDITIONS:

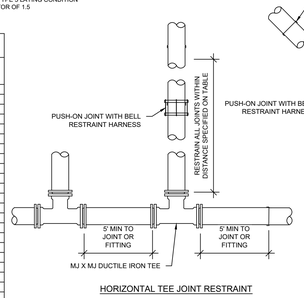
- LINE IS NOT POLYWRAPPED
- HYDROSTATIC TESTING TO 200 PSI
- 36" OF PIPE COVER
- SOIL DESIGNATION SILT 1 (SILT OF MEDIUM TO LOW PLASTICITY, LL<50)
- AWWA C150 TYPE 5 LAYING CONDITION
- SAFETY FACTOR OF 1.5

CALCULATIONS FOR PVC PIPE RESTRAINT BASED ON THE 'EBAA IRON SALES INC.' *RESTRAINT LENGTH CALCULATOR*, AND THE FOLLOWING CONDITIONS:

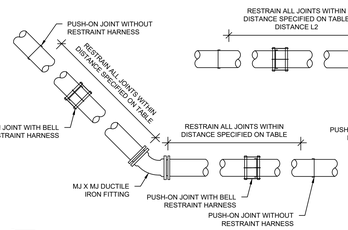
- LINE IS NOT POLYWRAPPED
- HYDROSTATIC TESTING TO 200 PSI
- 36" OF PIPE COVER
- SOIL DESIGNATION SILT 1 (SILT OF MEDIUM TO LOW PLASTICITY, LL<50)
- AWWA C150 TYPE 5 LAYING CONDITION
- SAFETY FACTOR OF 1.5

RESTRAINT DISTANCE SIZE CHART

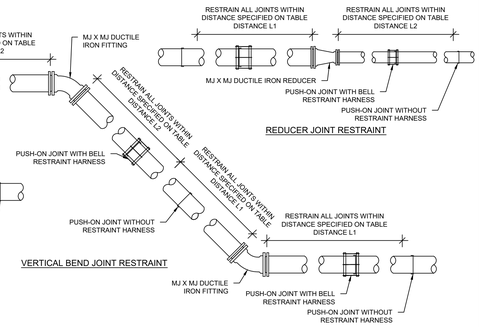
SIZE (INCHES)	FITTING TYPE	DUCTILE IRON PIPE RESTRAINT DISTANCE (FT)	PVC PIPE RESTRAINT DISTANCE (FT)
4	11.25 HORIZONTAL	3	3
	22.5 HORIZONTAL	5	5
	45 HORIZONTAL	10	9
	90 HORIZONTAL	24	21
	DEAD END	58	70
	TEE	51	35
6	11.25 HORIZONTAL	4	4
	22.5 HORIZONTAL	7	6
	45 HORIZONTAL	14	12
	90 HORIZONTAL	33	29
	TEE	74	62
12	11.25 HORIZONTAL	6	6
	22.5 HORIZONTAL	12	11
	45 HORIZONTAL	25	22
	90 HORIZONTAL	59	53
	TEE	145	145
REDUCING TEE	6x4	47	40
	8x6	72	51
	10x6	70	38
	10x8	97	83
REDUCER	10x6	L1: 79 L2: 130	95
	10x8	L1: 43 L2: 54	52



HORIZONTAL TEE JOINT RESTRAINT



HORIZONTAL BEND JOINT RESTRAINT



VERTICAL BEND JOINT RESTRAINT

22 C5.10 PIPE RESTRAINT

NTS

STRUCTURE AND VALVE ASSEMBLY NOTES:

1. ROGUE VALLEY PRECAST VAULT MODEL 675 SOLID-23. VAULT LID MODEL 676-23 WITH LOCKING H20 LOAD RATED GALVANIZED ACCESS HATCH.
2. ROGUE VALLEY PRECAST GALVANIZED LADDER WITH LOCKABLE EXTENSION CONFORMING TO OSHA REQUIREMENTS. MOUNT LADDER TO VAULT PER MANUFACTURER SPECIFICATIONS.
3. 4" FEBCO DOUBLE CHECK VALVE ASSEMBLY - MODEL LF855
4. 6" FEBCO DOUBLE CHECK DETECTOR ASSEMBLY - MODEL LF856.
5. 4" (FL) CHECK VALVE. VALVE SHALL BE UL LISTED AND FM APPROVED.
6. ZOELLER MODEL 151 SUMP PUMP (1/3 HP, 115 V, SINGLE PHASE) CONFORMING TO U.P.C. & N.E.C. WITH APPROVED CHECK VALVE AND UNION FITTING.

PIPE, FITTINGS, AND CONDUIT NOTES:

A. ALL PIPE WITHIN VAULT SHALL BE DUCTILE IRON PIPE ('DIP') WITH FLANGED ENDS (FL).

B. 6"Ø DIP PIPE FROM CONNECTION AT PUBLIC MAIN.

C. 4"Ø DIP PIPE FROM CONNECTION AT PUBLIC MAIN.

D. 6"Ø C900 PIPE TO PRIVATE HYDRANT. PIPE SHALL BE FULLY RESTRAINED.

E. 4"Ø C900 PIPE TO FIRE RISER ROOM. PIPE SHALL BE FULLY RESTRAINED.

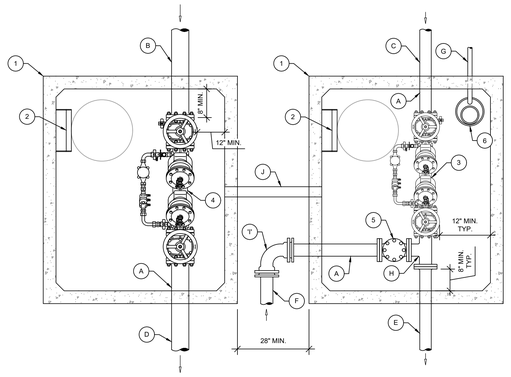
F. 4"Ø C900 PIPE TO FDC RISER. PIPE SHALL BE FULLY RESTRAINED.

G. 1.5"Ø PVC PIPE. DISCHARGE TO EXISTING STORM DRAIN MANHOLE. ROUTE DISCHARGE PIPE PER PLAN. CORE DRILL AND GROUT CONNECTION TO EXISTING MANHOLE USING WATER-TIGHT NON-SHRINK GROUT.

H. 4 x 4 (FL) DI TEE FITTING.

I. 4" (MJ) 90° BEND FITTING. FITTING SHALL BE FULLY RESTRAINED.

J. 4"Ø SCHEDULE 40 PVC HYDRAULIC LINKING PIPE, SET FLUSH WITH BOTTOM OF VAULT.



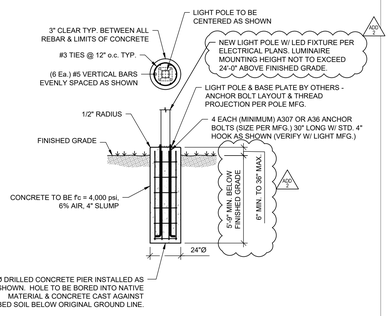
SUPPLEMENTAL NOTES:

- VAULT LIDS SHALL SIT A MINIMUM OF 3" ABOVE ADJACENT FINISHED GRADES.
- MAINTAIN 12" CLEAR FROM VAULT FLOOR TO CENTERLINE OF VALVE ASSEMBLY AND SUPPORT DCDA USING APPROVED PIPE SUPPORTS. MAINTAIN 12" CLEAR FROM TOP OF OS&Y VALVE STEM TO VAULT CEILING WHEN VALVE IS IN THE FULLY OPEN POSITION
- DRILL VAULT AND SEAL VOID AROUND ALL PIPE PENETRATIONS WITH 'LINK-SEAL MODULAR SEALS', TYPICAL. SEAL SHALL PROVIDE 2" CLEARANCE ALL AROUND PIPE PER NFPA 13, SECTION 9.3.4. SIZE CORE DRILL PER MANUFACTURER SPECIFICATIONS. COORDINATE DISCREPANCIES WITH ENGINEER AS REQUIRED DURING CONSTRUCTION.
- FURNISH APPROVED TAMPER SWITCHES AT VALVES WITHIN VAULT PER NFPA 72. COORDINATE ALL CONDUIT ROUTING AND REQUIREMENTS WITH ELECTRICAL PRIOR TO ORDERING MATERIALS.
- VERIFY ALL FIRE SERVICE VAULT COMPONENT SIZES WITH HOTEL AND APARTMENT FIRE SPRINKLER SYSTEM PRIOR TO ORDERING MATERIALS. REPORT DISCREPANCIES TO ENGINEER FOR DIRECTIVE PRIOR TO ORDERING MATERIALS.
- COORDINATE ALL POWER, ALARMS, FDC BELL, AND SUMP PUMP ELECTRICAL REQUIREMENTS FOR BELL WITH ELECTRICAL ENGINEER AND FIRE MARSHAL PRIOR TO ORDERING MATERIALS. REPORT TO ENGINEER IN EVENT OF DISCREPANCY FOR DIRECTION PRIOR TO ORDERING MATERIALS.
- SEE UTILITY PLAN ON C-400 FOR CONTINUATION OF PIPE, TYPICAL.

23 C5.10 FIRE WATER VAULTS

NTS



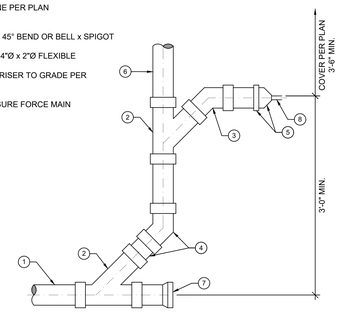


24 C5.10 LIGHT POLE FOUNDATION

NTS

KEY NOTES:

1. TO MAIN LINE PER PLAN
2. WYE
3. 45° BEND
4. SPOOL AND 45° BEND OR BELL x SPIGOT 45° BEND
5. APPROVED 4"Ø x 2"Ø FLEXIBLE COUPLING
6. CLEANOUT RISER TO GRADE PER 15/C5.00
7. PLUG
8. LOW-PRESSURE FORCE MAIN



25 C5.10 PRESSURE-BREAK CLEANOUT

NTS

BBT ARCHITECTS
1140 sw Simpson Ave., Suite 200
Bend, Oregon 97702
t 541.382.5535 | f 541.389.8033

REGISTERED PROFESSIONAL ENGINEER
OREGON
SEPT. 10, 2021
LUCAS G. GOWEY
EXPIRES: 06/30/27

ZCS

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR 97603

CITY OF KLAMATH FALLS MASTER FILE #: 339426

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

Project Number 2507
Date 3/16/2026

PERMIT / BID SET

CIVIL DETAILS

C5.10

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GENERAL NOTES

GENERAL

G-1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CURRENT STANDARD SPECIFICATIONS OF THE OREGON CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA), AND THE AWWA STANDARD SPECIFICATIONS, AND THE CITY OF KLAMATH FALLS STANDARD DRAWINGS, EXCEPTED AS AMENDED IN THESE SPECIAL PROVISIONS.

G-2. DEFINITIONS:
FOR MUNICIPAL WATER, SEWER & STREET: ENGINEER IS THE DIRECTOR OF PUBLIC WORKS OR CITY ENGINEER ENGINEER WHO REPRESENTS THE CITY UNDER WHOSE AUTHORITY THE QUALITY OF WORK AND ACCEPTABILITY OF MATERIALS WILL BE DETERMINED. INSPECTOR IS THE AUTHORIZED REPRESENTATIVE OF THE CITY. DESIGN ENGINEER SHALL BE ZCS

FOR PRIVATE IMPROVEMENTS:
ENGINEER IS ZCS
INSPECTOR IS TBD
DESIGN ENGINEER SHALL BE ZCS
PUBLIC IMPROVEMENTS SHALL BE CONSIDERED AS WATER, SANITARY SEWER, GAS, ELECTRIC, TELEPHONE/COMMUNICATIONS AND CABLE TV WITHIN THE MAIN ACCESS STREET RIGHT-OF-WAY. ALL OTHER IMPROVEMENTS SHALL BE DEEMED AS PRIVATE, INCLUDING THE MAIN ACCESS ROAD.

G-3. THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE INDUSTRIAL SAFETY REGULATION. THE CITY OF KLAMATH FALLS AND ITS OFFICIALS, THE ENGINEER, AND THE OWNER SHALL NOT BE RESPONSIBLE FOR ENFORCING SAFETY REGULATIONS.

G-4. EXCAVATORS MUST COMPLY WITH THE PROVISIONS OF OAR 952-001-0020.

G-5. ALL CONSTRUCTION PERMITS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND BE INCLUDED IN THE BID.

G-6. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AND IMPROVEMENTS.

G-7. THE CONTRACTOR SHALL EXPOSE, VERIFY, CONNECT AND/OR MATCH EXISTING UTILITIES AND IMPROVEMENTS, IN CONFORMANCE WITH THE INTENT OF THESE PLANS AND SPECIFICATIONS, TO PROVIDE COMPLETE AND/OR OPERATIONAL SYSTEMS.

G-8. DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL COORDINATE AND ACCOMMODATE OTHER CONTRACTORS OR OPERATIONS OF OWNER.

G-9. CONTRACTOR SHALL RESTRICT ALL OPERATIONS TO STREET OR DRIVEWAY AREAS WITHIN THE PROJECT BOUNDARIES. ANY DISRUPTION TO NATIVE LANDSCAPES, OUTSIDE OF STREET AND DRIVEWAY AREAS, SHALL BE RESTORED AT NO COST TO THE PROPERTY OWNER.

G-10. CONTRACTOR SHALL NOTIFY CITY OF KLAMATH FALLS AND THE DESIGN ENGINEER TWO WORKING DAYS IN ADVANCE OF STARTING CONSTRUCTION AND SHALL COORDINATE NECESSARY INSPECTIONS THROUGH FINAL CITY APPROVAL. THE CONTRACTOR SHALL NOT COMMENCE ANY WORK WITHOUT FIRST RECEIVING A NOTICE TO PROCEED FROM THE DESIGN ENGINEER AND THE SITE CONSTRUCTION PERMIT.

G-11. THE CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT, AND METHODS REQUIRED TO PREVENT CONSTRUCTION OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO PROPERTY, CULTIVATED VEGETATION, AND DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM CONSTRUCTION OPERATIONS.

CITY OF KLAMATH FALLS

Date	Revision:
2 5/10	5th EDITION
1 6/06	4th EDITION

PUBLIC WORKS CONSTRUCTION PROJECTS
GENERAL NOTES
Approved By: Don Wilcox

Drwn. By: GDG
Date: 1/2002
Dwg. No.: **1-100a**

(GENERAL NOTES, CONTINUED)

G-12. CONTRACTOR SHALL VERIFY ALL CONDITIONS ON THE JOB SITE INCLUDING ALL DIMENSIONS, GRADES ELEVATIONS, EXTENT AND COMPATIBILITY TO THE EXISTING SITE CONDITIONS, AND WITH THE WORK DESCRIBED ON THE DESIGN ENGINEER'S DRAWINGS. ANY DISCREPANCIES OR UNEXPECTED CONDITIONS THAT AFFECT OR CHANGE THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE DESIGN ENGINEER'S ATTENTION IMMEDIATELY. THE CONTRACTOR SHALL NOT PROCEED WITH ANY OF THE WORK IN THE AREA OF DISCREPANCIES UNTIL ALL SUCH DISCREPANCIES ARE RESOLVED. IF THE CONTRACTOR CHOOSES TO DO SO, THEN IT IS UNDERSTOOD THAT THE CONTRACTOR SHALL BE PROCEEDING AT THE CONTRACTOR'S OWN RISK AND SHALL INCUR ALL COST, IF ANY, TO RESOLVE THE ISSUE TO THE SATISFACTION OF THE ENGINEER.

G-13. ALL WORK AND MATERIALS SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER OF IMPROVEMENTS, BY OBTAINING A WARRANTY BOND IN ACCORDANCE WITH SECTION 11.925(4) OF THE CITY OF KLAMATH FALLS COMMUNITY DEVELOPMENT ORDINANCES. THE WARRANTY FOR ALL INFRASTRUCTURE DOES NOT COMMENCE UNTIL THE FINAL RECORD DRAWINGS HAVE BEEN SUBMITTED TO CITY ENGINEERING.

G-14. CONTRACTOR SHALL MAINTAIN AN ACCURATE SET OF RECORD DRAWINGS AND SHALL SUBMIT THESE TO THE DESIGN ENGINEER WITHIN 7 DAYS OF PROJECT COMPLETION. THE INSPECTOR SHALL ALSO SUBMIT A COPY OF THE INSPECTOR'S NOTES AND ANY AVAILABLE DRAWINGS TO THE DESIGN ENGINEER WITHIN THAT SAME TIME PERIOD. THE DESIGN ENGINEER SHALL SUBMIT A COMPLETE SET OF RECORD DRAWINGS TO CITY ENGINEERING WITHIN 15 DAYS OF RECEIVING THE REQUESTED INFORMATION.

G-15. PLANS ARE APPROVED IN GENERAL ONLY AND DO NOT RELIEVE THE CONTRACTOR AND/OR APPLICANT FROM COMPLETING THE CONSTRUCTION IMPROVEMENTS THAT ARE SATISFACTORY TO THE CITY OF KLAMATH FALLS. FIELD CHANGES MAY BE REQUIRED BY THE PUBLIC WORKS DEPARTMENT OR REPRESENTATIVE. IF REVISIONS ARE MADE IN THE FIELD, AS-BUILT DRAWINGS SHALL BE SUBMITTED TO THE CITY INSPECTOR.

G-16. APPLICANT SHALL BE RESPONSIBLE FOR LOCATING AND PRESERVING ALL EXISTING SURVEY MONUMENTATION WITHIN THE WORK AREA IN ACCORDANCE WITH ORS 209.150 AND/OR 209.155. IF MONUMENTATION OR ITS ACCESSORIES ARE INADVERTENTLY OR OTHERWISE DISTURBED OR DESTROYED, APPLICANT SHALL BE RESPONSIBLE FOR ALL COSTS AND COORDINATION ASSOCIATED WITH ITS RE-ESTABLISHMENT BY A PROFESSIONAL OREGON LICENSED SURVEYOR.

G-17. HORIZONTAL/VERTICLE DATUM SHALL CONFORM TO THE MOST CURRENT EDITION OF THE FOLLOWING PUBLICATION: OREGON COORDINATE REFERENCE SYSTEM (OCRS) FOR THE BEND-KLAMATH FALLS ZONE, TRANSVERSE MERCATOR MAP PROJECTION. THE OCRS ZONES ARE REFERENCED TO THE NATIONAL SPATIAL REFERENCE SYSTEM (NSRS) WHICH IS CURRENTLY DEFINED GEOMETRICALLY AS NAD83 (GRS-80 ELLIPSOID) AND IT WILL FOLLOW THE NATIONAL GEODETIC SURVEY (NGS) PATH (NEW DATUM DEFINITIONS") IN THE FUTURE. THE VERTICAL DATUM WILL BE THE CURRENT NAVD88, BUT WILL ALSO FOLLOW THE NGS LEAD ADOPTING THE FUTURE NAVD BASED ON A PURE GRAVIMETRIC GEOID (VIA THE GRAV-D PROJECT).

UTILITIES – GENERAL

U-1. ALL TRENCH BACKFILL WITHIN PUBLIC RIGHTS-OF-WAY, AND AREAS TO BE PAVED WITH AC OR GRAVEL, SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY PER AASHTO T-99. TRENCH BACKFILL IN SOIL AREAS OUTSIDE OF PAVING SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAX DRY DENSITY PER AASHTO T-99. REFER TO STANDARD DWG. NO. 2-105.

CITY OF KLAMATH FALLS

Date	Revision:
4 2/11	5th EDITION
3 6/06	4th EDITION
2 6/05	3rd EDITION
1 6/04	2nd EDITION

PUBLIC WORKS CONSTRUCTION PROJECTS
GENERAL NOTES
Approved By: Don Wilcox

Drwn. By: GDG
Date: 1/2002
Dwg. No.: **1-100b**

(GENERAL NOTES, CONTINUED)

U-2. CONTRACTOR SHALL MARK CURBS OR BACK OF SIDEWALKS (STAMPED) FOR ALL CONDUITS AND SERVICE LINES FOR EASE IN SEARCHING FUTURE USE:
S – SANITARY
W – WATER
H – GEOTHERMAL
D – STORM DRAIN

U-3. GAS, POWER, TELEPHONE & CABLE TV UTILITY TRENCHING SHALL BE COMPLETED IN ACCORDANCE WITH PLANS AND SPECIFICATIONS FROM APPLICABLE UTILITY COMPANIES. ALL CABLE AND GAS UTILITIES SHALL BE INSTALLED BY THE APPLICABLE UTILITY COMPANY IN CONFORMANCE WITH THE JOINT TRENCH DETAIL ON THE ATTACHED SHEET. CONTRACTOR SHALL COORDINATE TRENCH EXCAVATIONS, CONDUIT INSTALLATIONS, BEDDING AND BACKFILLING WITH APPROPRIATE UTILITY REPRESENTATIVES.

U-4. ALL UTILITIES SHOWN ARE ACCURATE TO THE EXTENT OF AVAILABLE RECORDS AND KNOWLEDGE. POT HOLING TO VERIFY UTILITY LOCATIONS AND ELEVATIONS WAS NOT AUTHORIZED BY THE OWNER. THE CONTRACTOR HAS TOTAL RESPONSIBILITY IN VERIFYING THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY INSPECTOR AND DESIGN ENGINEER IMMEDIATELY.

U-5. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO DIGGING BY CONTACTING THE KLAMATH UTILITIES COORDINATING COUNCIL 1-800-332-2344, 48 HOURS BEFORE DIGGING.

U-6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ALL IMPROVEMENTS AND UTILITIES DAMAGED DURING CONSTRUCTION. ALL REPAIR WORK SHALL MEET OR EXCEED EXISTING CONDITIONS AND BE AT THE CONTRACTOR'S EXPENSE.

U-7. INITIAL CONSTRUCTION STAKING WILL BE PROVIDED BY THE OWNER. IN THE EVENT CONSTRUCTION STAKES ARE LOST OR DISTURBED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF SAID STAKES. ALL STAKING SHALL BE DONE BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF OREGON.

U-8. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UTILITIES WITH THE UTILITY OWNERS TO PREVENT DELAYS DURING CONSTRUCTION.

U-9. ALL UTILITIES SHALL BE MARKED WITH AN APPROVED LOCATOR TAPE PLACED 12" BELOW GROUND SURFACE. ALL TAPE SHALL BE COLOR CODED FOR THE UTILITY BEING MARKED.

U-10. UTILITIES WITHIN A PUBLIC RIGHT-OF-WAY SHALL HAVE THE FOLLOWING MINIMUM HORIZONTAL CLEARANCES (LINES BEING PARALLEL)

MAIN LINES:	SERVICE LATERALS:
ELECTRIC & TELEPHONE/CATV = 12 INCHES	ELECTRIC & TELEPHONE/CATV = 12 INCHES
ELECTRIC & GAS = 3 FEET	ELECTRIC & GAS = 3 FEET
GAS & WATER = 3 FEET	GAS & WATER = 3 FEET
WATER & SEWER = SEE NOTE U-11	WATER & SEWER = SEE NOTE U-11
WATER & POWER = 3 FEET	WATER & POWER = 3 FEET
WATER & STORM = 3 FEET	WATER & STORM = 3 FEET
ALL OTHERS = 12 INCHES	ALL OTHERS = 12 INCHES

CITY OF KLAMATH FALLS

Date	Revision:
4 2/11	5th EDITION
3 6/06	4th EDITION
2 6/05	3rd EDITION
1 6/04	2nd EDITION

PUBLIC WORKS CONSTRUCTION PROJECTS
GENERAL NOTES
Approved By: Don Wilcox

Drwn. By: GDG
Date: 1/2002
Dwg. No.: **1-100c**

(GENERAL NOTES, CONTINUED)

U-11. CONTRACTOR SHALL MAINTAIN THE FOLLOWING SEPARATION BETWEEN WATER & SEWER LINES PER OAR 333-061-0050(10):
HORIZONTAL – 10' MINIMUM; VERTICAL – 18" MINIMUM WITH WATER ABOVE SEWER.
VERTICAL SEPARATION FOR: WATER AND POWER = 12" MINIMUM
WATER AND GAS = 12" MINIMUM
ALL UTILITIES OTHER THAN WATER AND SEWER SHALL BE 12" MINIMUM.

UTILITIES – WATER

W-1. THE WATER LINE SHALL HAVE A SINGLE STRAND TRACER WIRE (14 ga – BLUE) PLACED ON TOP OF THE PIPE ZONE (12" FROM TOP OF PIPE) AND BEING CONTINUOUS BETWEEN VALVE BOXES. THE WIRE SHALL EXTEND UP THE OUTSIDE OF THE VALVE BOX EXTENSION THEN UP THE INSIDE OF THE VALVE BOX. 24" OF WIRE SHALL BE LEFT COILED JUST BENEATH THE LID. ALL CONNECTIONS SHALL BE WATERTIGHT.

W-2. ALL SPLICES IN THE TRACER WIRE SHALL BE MADE USING DBR SPLICE KIT, PART NO. 054007-09053 BE ELECTRICAL PRODUCTS DIVISION OF 3M CO. OR APPROVED EQUAL. A CONTINUITY TEST SHALL BE PERFORMED BY THE CITY OF KLAMATH FALLS TO INSURE A CONTINUOUS RUN. TRACER WIRE ON SERVICE LINES SHALL BE SPLICED INTO MAIN TRACER WIRE.

W-3. ALL VALVES SHALL BE IRON BODIED, RESILIENT SEAT WEDGE TYPE EPOXY LINED AND COATED WITH NON-RISING STEMS AND SHALL OPEN WHEN ROTATED COUNTER-CLOCKWISE. VALVE BOX AND COVER SHALL BE BROOKS PRODUCTS 4TT SERIES WITH COVER MARKED "WATER." VALVES SHALL BE MANUFACTURED BY THE KENNEDY VALVE COMPANY. VALVE BOX ASSEMBLIES SHALL CONFORM TO THE "WATER BLOW-OFF ASSEMBLY" STANDARD DWG. NO. 7-115.

W-4. WATER PIPE SHALL BE C900 CLASS 235 POLYVINYL CHLORIDE PIPE AND SHALL BE BLUE IN COLOR THROUGHOUT THE PVC CHEMICAL MIX UNLESS NOTED OTHERWISE. ALL WATER PIPE SHALL BE NEW AND A MANUFACTURER'S WRITTEN CERTIFICATION AND WARRANTY SHALL ACCOMPANY ANY PIPE THAT IS NOT THE ONE YEAR MANUFACTURED DATE. SIZE AS INDICATED ON THE DRAWINGS. ALL PIPE, FITTINGS, VALVES AND APPURTENANCES SHALL BE NSF AND OREGON HEALTH DEPARTMENT APPROVED.

W-5. ALL WATER LINE FITTINGS SHALL BE CAST OR DUCTILE IRON AND SHALL BE INSTALLED WITH THRUST BLOCKS PER THE THRUST BLOCK STANDARD DWG. NO. 2-120 UNLESS NOTED OTHERWISE.

W-6. GENERAL CONTRACTOR SHALL PERFORM DISINFECTION OF FACILITIES BY CHLORINATION ACCORDING TO OREGON ADMINISTRATIVE RULES 333-061-0050 (10) AND AWWA STANDARDS C651 THROUGH C654. CITY PERSONNEL SHALL PERFORM CHLORINE RESIDUAL TESTS IMMEDIATELY AFTER DISINFECTION AND IMMEDIATELY AFTER FLUSHING. CITY PERSONNEL SHALL PERFORM MICROBIOLOGICAL TEST PER CURRENT STANDARDS. SHOULD ANY TEST FAIL, THE CONTRACTOR IS RESPONSIBLE TO PAY THE CITY'S CURRENT HOURLY RATE AT NO LESS THAN 1/2 HOUR INCREMENTS FOR ADDITIONAL TESTS. CALL 883-5368 FOR CURRENT RATE. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DE-CHLORINATION AS REQUIRED BY FEDERAL, STATE AND LOCAL REGULATIONS.

W-7. GENERAL CONTRACTOR SHALL PRESSURE TEST THE WATER LINE AND ALL SERVICES BY HYDROSTATIC METHOD PER CURRENT AWWA STANDARD SECTION C600. TEST PRESSURE SHALL BE A MINIMUM 150 PSI FOR A TWO HOUR DURATION. CITY PERSONNEL SHALL APPROVE ALL EQUIPMENT USED AND WITNESS THE FILLING OF THE LINE AND THE PRESSURE TESTING PROCESS. SHOULD THE TEST FAIL, THE CONTRACTOR IS RESPONSIBLE TO PAY THE CITY'S CURRENT HOURLY RATE AT NO LESS THAN 1/2 HOUR INCREMENTS FOR ADDITIONAL TESTS. CALL 883-5368 FOR CURRENT RATE.

CITY OF KLAMATH FALLS

Date	Revision:
4 2/11	5th EDITION
3 6/06	4th EDITION
2 6/05	3rd EDITION
1 6/04	2nd EDITION

PUBLIC WORKS CONSTRUCTION PROJECTS
GENERAL NOTES
Approved By: Don Wilcox

Drwn. By: GDG
Date: 1/2002
Dwg. No.: **1-100d**

(GENERAL NOTES, CONTINUED)

W-8. THE CONTRACTOR SHALL MECHANICALLY CLEAN THE CONSTRUCTED WATER MAINS BEFORE WATER IS ALLOWED TO ENTER THE NEW MAIN. CLEANING WILL BE ACCOMPLISHED BY PROPELLING OR PULLING AN APPROPRIATELY SIZED BULLET SHAPED FOAM PLUG (PIG) THROUGH THE ENTIRE LENGTH OF THE WATER MAIN. REFER TO THE WATER DISTRIBUTION OPERATOR TRAINING HANDBOOK FOR INSTRUCTIONS. A COPY OF THIS SECTION CAN BE OBTAINED FROM CITY ENGINEERING.

W-9. ALL FIRE HYDRANTS SHALL BE PER CITY STANDARD DWG. NO. 7-110.

W-10. ALL CONNECTIONS TO EXISTING CITY WATER LINES SHALL BE MADE BY THE CONTRACTOR UNDER THE CITY'S SUPERVISION. CONTRACTOR SHALL COORDINATE WITH THE CITY ON TIMING OF THE WORK. THE DESIGN ENGINEER WILL PROVIDE THE CITY WITH A DETAIL DRAWING OF THE CONNECTION FOR APPROVAL THREE WORKING DAYS PRIOR TO INSTALLATION.

W-11. REFER TO THE CITY STANDARD DWG. NO. 2-120 FOR THRUST BLOCK DETAILS. THE DESIGN ENGINEER WILL PROVIDE THE CITY WITH A RESTRAINT JOINT TABLE/SCHEDULE IN-LIEU OF THRUST BLOCKS.

W-12. ONLY NEW, UNUSED PIPE, FITTINGS, METERS, AND ALL OTHER APPURTENANCES WILL BE ACCEPTED BY THE CITY FOR DEDICATED INFRASTRUCTURE WITHIN THE CITY'S WATER SYSTEM. REFURBISHED, RECONDITIONED, ETC. MATERIALS OR EQUIPMENT OF ANY KIND ARE NOT ACCEPTABLE FOR USE IN THE CITY'S WATER SYSTEM.

UTILITIES – STREETS

T-1. THE DESIGN ENGINEER WILL INCLUDE IN THEIR DESIGN/CONSTRUCTION DRAWINGS A PLAN SHOWING TRAFFIC SIGNS, STREET SIGNS, NO PARKING SIGNS, STRIPING, CURB MARKINGS AND ANY OTHER STREET RELATED ITEMS THAT ARE DEEMED NECESSARY BY THE CITY STREET SUPERINTENDENT AND TRAFFIC ENGINEER.

T-2. ALL BASE ROCK THAT IS AFFILIATED WITH STREET CONSTRUCTION, UTILITY TRENCHES AND SIDEWALKS WILL MEET STATE SPECIFICATIONS.

T-3. PLACEMENT OF ASPHALT AND PORTLAND CEMENT CONCRETE WILL ADHERE TO THE SPECIFICATIONS OF THE COMBINED "ODOT/APWA STANDARDS."

T-4. THE GENERAL CONTRACTOR SHALL CONDUCT A PRE-PAVING MEETING WITH THE CITY ON SITE NO LESS THAN THREE WORKING DAYS BEFORE PAVING OPERATIONS START.

T-5. PLATES MUST BE PINNED & WEDGED ON ALL SIDES AND MUST BE MAINTAINED DAILY FOR A MAXIMUM OF 72 HOURS (CITY APPROVAL REQUIRED FOR DURATIONS EXCEEDING 72 HOURS).

CITY OF KLAMATH FALLS

Date	Revision:
3 3/11	5th EDITION
2 6/06	4th EDITION
1 6/04	2nd EDITION

PUBLIC WORKS CONSTRUCTION PROJECTS
GENERAL NOTES
Approved By: Don Wilcox

Drwn. By: GDG
Date: 1/2002
Dwg. No.: **1-100e**

ADD 2

SITE CONSTRUCTION PERMIT SET

CITY WATER ONLY DATE

ADD 2

BBT ARCHITECTS
1140 sw Simpson Ave., Suite 200
Bend, Oregon 97702
t 541.382.5535 | f 541.389.8033

FOR INFORMATION ONLY

ZCS

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR 97603

CITY OF KLAMATH FALLS MASTER FILE #: 339426

ADD 2

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

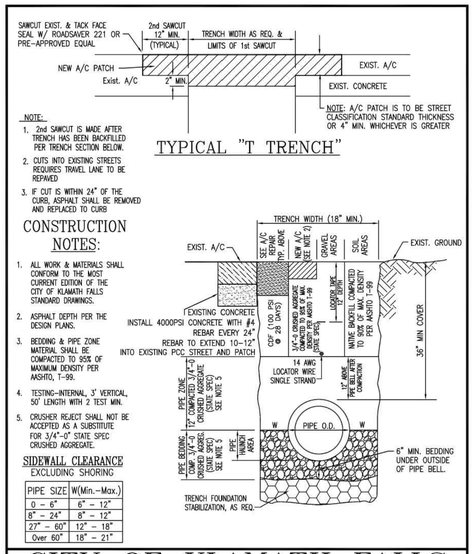
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

AGENCY STANDARD DETAILS

C6.00

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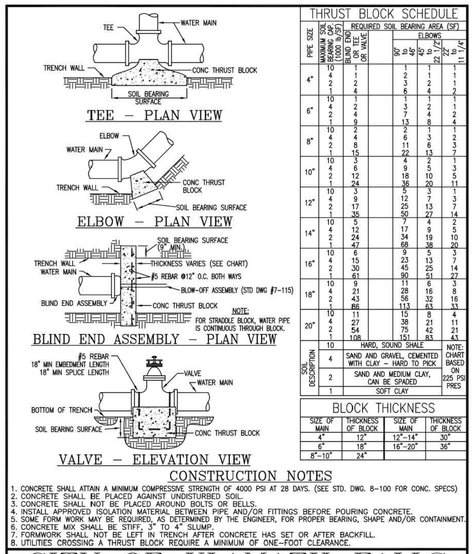


CITY OF KLAMATH FALLS

Date	Revision:	
3	3/10	5th EDITION
2	6/06	4th EDITION
1	6/04	2nd EDITION

TRENCH SECTION — Approved By: *Don Wilcox*

Drawn By: GDG | Date: 1/2002 | Dwg. No.: **2-105**



THRUST BLOCK SCHEDULE

PIPE SIZE	MAXIMUM TEST & SURGE PRESSURE (PSI)	REQUIRED SOIL BEARING AREA (SF) BLIND END OR VALVE	ELBOWS 90°	45°	22 1/2°	11 1/4°
4"	10	4	1	1	1	1
	4	1	2	1	1	1
	2	2	3	2	1	1
	1	4	6	4	2	1
6"	10	4	1	1	1	1
	4	2	3	2	1	1
	2	4	7	4	2	1
	1	9	13	8	4	2
8"	10	7	2	1	1	1
	4	4	4	3	1	1
	2	8	11	6	3	2
	1	15	22	13	7	3
10"	10	3	4	2	1	1
	4	6	6	4	2	1
	2	12	18	10	5	3
	1	24	36	20	11	5
12"	10	3	5	3	1	1
	4	5	12	7	3	2
	2	17	25	13	7	3
	1	35	50	27	14	7
14"	10	5	7	4	2	1
	4	12	17	9	5	2
	2	24	34	19	10	5
	1	47	68	38	20	10
16"	10	6	9	5	3	2
	4	15	23	13	7	3
	2	30	45	25	14	7
	1	61	90	51	27	14
18"	10	9	11	6	3	2
	4	21	28	16	8	4
	2	43	56	32	16	8
	1	86	113	63	33	16
20"	10	11	15	8	4	2
	4	27	38	21	11	5
	2	54	75	42	21	11
	1	108	151	83	43	21

SOIL DESCRIPTION			
	10	HARD, SOUND SHALE	NOTE: CHART BASED ON 225 PSI PRES
	4	SAND AND GRAVEL, CEMENTED WITH CLAY – HARD TO PICK	
	2	SAND AND MEDIUM CLAY, CAN BE SPADED	
	1	SOFT CLAY	

BLOCK THICKNESS

SIZE OF MAIN	THICKNESS OF BLOCK	SIZE OF MAIN	THICKNESS OF BLOCK
4"	12"	12"–14"	30"
6"	18"	16"–20"	36"
8"–10"	24"		

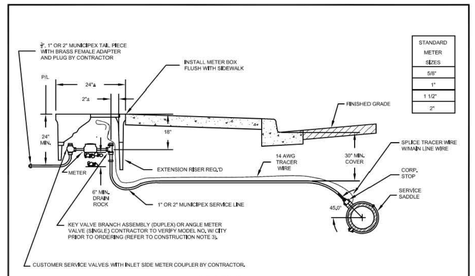
CONSTRUCTION NOTES
1. CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. (SEE STD. DWG. 8-100 FOR CONC. SPECS)
2. CONCRETE SHALL BE PLACED AGAINST UNDISTURBED SOIL.
3. CONCRETE SHALL NOT BE PLACED AROUND BOLTS OR BELLS.
4. INSTALL APPROVED ISOLATION MATERIAL BETWEEN PIPE AND/OR FITTINGS BEFORE POURING CONCRETE.
5. SOME FORM WORK MAY BE REQUIRED, AS DETERMINED BY THE ENGINEER, FOR PROPER BEARING, SHAPE AND/OR CONTAINMENT.
6. CONCRETE MIX SHALL BE STIFF, 3" TO 4" SLUMP.
7. FORMWORK SHALL NOT BE LEFT IN TRENCH AFTER CONCRETE HAS SET OR AFTER BACKFILL.
8. UTILITIES CROSSING A THRUST BLOCK REQUIRE A MINIMUM OF ONE-FOOT CLEARANCE.

CITY OF KLAMATH FALLS

MK	Date	Revision:	
2	6/05	3rd EDITION	
1	6/04	2nd EDITION	

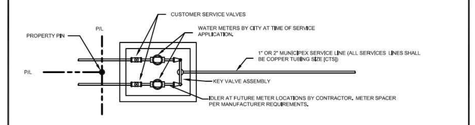
STANDARD THRUST BLOCKS — Approved By: *Mike Kuenzi*

Drawn By: GDG | Date: 1/2002 | Dwg. No.: **2-120**



STANDARD METER SIZES
5/8"
1"
1 1/2"
2"

PROFILE



PLAN (DUAL 5/8" METER CONFIGURATION SHOWN)

CONSTRUCTION NOTES
1. ALL MUNICIPEX PIPE SHALL CONTAIN STAINLESS STEEL INSERT STIFFENERS INSIDE BOTH ENDS OF PIPE.
2. METER BOXES SHALL BE SET IN THE PLANTER STRIP, IN THE SIDEWALK AT THE BACK OF SIDEWALK OR DIRECTLY BEHIND THE BACK OF SIDEWALK.
3. REFER TO STANDARD DRAWINGS 7-100a - 7-100c FOR PARTS LIST.
4. TRACER WIRE SHALL BE EXTENDED 24" ABOVE FINISHED SURFACE AND LEFT COILED UNDER METER BOX LID.

MK	Date	Revisions:

WATER SERVICE CONNECTION FOR METERS 2" & SMALLER — CITY OF KLAMATH FALLS

Drawn By: GDG | Date: 3/2020 | Dwg. No.: 7-100

1"-2" SERVICES

		1" Single Service	QTY	FORD	AY McDONALD	MUELLER
1		Saddle Main Size OD" x 1" IP Romac 101s (12"+ 202s)	1			
2		Corp 1" MIP x CTS Grip	1	F1100-4Q	74704Q-1	H-15028 N
3		1" CTS Grip x 1" Angle Meter Valve	2	BA43-444W G	74602BG-1	B24350N
				BA43-444W CI	74602BQ-1	
4		1" CTS Grip x 1" FIP cplg	1	C14-44G	74754G-1	H-15451 N
				C14-44Q	74754Q-1	
5		1" PVC Plug	1			
6		1" Stiffener (each connection)	3	Insert 52	6133T	
		Meter Boxes		Armorcast		
7		Box Body	1	P6000485X24		
8		Box Body Traffic Cover	1	A6000484T-H7		
		Pipe Materal				
9		1" MUNICIPEX Pipe (see 1-100 c)				
10		2" Water Detector Tape				
11		14 gauge X 1 Blue UF Irr Cont Wire				
		2" Service				
1		Saddle Main Size OD" x 2" IP Romac 101s (12"+ 202s)	1			
2		Corp 2" MIP x CTS Grip	1	FB11007Q	74704BQ-2	B25028N
3		2" CTS Grip X Angle Meter Valve Flange	2	FV43-777W	74602BCS-222	H-14277 N
4		2" CTS Grip x FIP cplg	1	C14-77G	74754Q-2	H-15451 N
				C14-77Q		
5		2" PVC Plug	1			
6		2" CTS Grip x CTS Grip 90 (optional)	2	L44-77G	74761G-2	H-15526 N
				L44-77Q	74761Q-2	
7		2" Stiffener (each connection)	3	Insert 55	6133T	
				Insert55Q		
		Meter Boxes		Armorcast		
8		Box Body	1	P6001534X22		
9		Box Body Traffic Cover	1	A6001947T-H7		
		Pipe Material				
10		2" MUNICIPEX Pipe (see 1-100 c)				
11		2" Water Detector Tape				
12		14 gauge X 1 Blue UF Irr Cont Wire				

MK	Date	Revisions:

WATER SERVICE CONNECTION FOR METERS 2" & SMALLER — CITY OF KLAMATH FALLS

Drawn By: GDG | Date: 3/2020 | Dwg. No.: 7-100 B

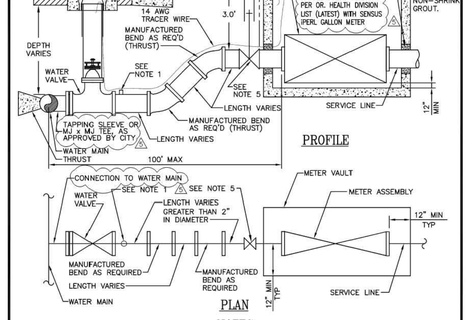
PEXa WATER SERVICE LINE
- CROSS-LINKED POLYETHYLENE (PEXA) MUNICIPAL WATER SERVICE PIPE SHALL BE MANUFACTURED USING THE HIGH-PRESSURE PEROXIDE METHOD OF CROSS-LINKING, REHAU-MUNICIPEX OR EQUAL.
- PIPE SHALL BE CERTIFIED TO AWWA C 904 CROSS-LINKED POLYETHYLENE (PEX) PRESSURE PIPE, ¾ IN. THROUGH 3 IN., FOR WATER SERVICE BY APPROVED TESTING AGENCY. IN ADDITION, PIPE SHALL BE CERTIFIED TO STANDARDS ASTM F876, CSA B137.5, NSF 14, NSF 61 AND PPI TR-4, BY APPROVED TESTING AGENCIES, WITH A STANDARD MATERIALS DESIGNATION CODE OF 3306.
- PIPE SHALL BE RATED FOR 200 PSI @ 73.4°F (1379 KPA @ 23°C) BASED ON A 0.63 DESIGN FACTOR.
- PIPE SHALL HAVE A CO-EXTRUDED UV SHIELD MADE FROM UV-RESISTANT HIGH-DENSITY POLYETHYLENE, COLOR BLUE.
- PIPE SHALL HAVE MINIMUM RECOMMENDED UV EXPOSURE TIME OF ONE (1) YEAR WHEN TESTED IN ACCORDANCE WITH ASTM F2657, OR AS PER MANUFACTURER'S RECOMMENDATIONS.
- PIPE SHALL BE COMPATIBLE WITH COLD-EXPANSION COMPRESSION-SLEEVE FITTINGS CERTIFIED TO ASTM F2080 FOR INSTALLATIONS AS COLD AS -40°°F (-40°C).
- PIPE SHALL BE APPROVED FOR USE WITH AWWA C800 FITTINGS WHEN USING MANUFACTURER'S RECOMMENDED INSERT.
- PIPE SHALL BE APPROVED BY MANUFACTURER FOR USE WITH MANUAL PLASTIC PIPE SQUEEZE-OFF TOOLS FOR TEMPORARY STOPPAGE OF FLOW.
- PIPE SHALL BE APPROVED BY MANUFACTURER TO BE REPAIRED USING HOT AIR, IF KINKED IN THE FIELD.
- PIPE SHALL HAVE THE MINIMUM MARKINGS: PEXA 3306, CSA B137.5, ASTM F876, F2023 AND F2080, NSF-PW.

PEX WATER SERVICE SPEC AWWA SHORT 07.11, PAGE 1 OF 1

MK	Date	Revisions:

WATER SERVICE CONNECTION FOR METERS 2" & SMALLER — CITY OF KLAMATH FALLS

Drawn By: GDG | Date: 3/2020 | Dwg. No.: 7-100 C



NOTES:
1. 1" TESTING AND CHLORINATION TAP, TEMPORARY PIPE TO FINISH SURFACE (LOCATED AWAY FROM TRAFFIC AREAS) IPT OUTLET CORPORATION STOP AT SURFACE, TO BE REMOVED AND CAPPED (PLUGGED) AT THE MAIN AS SOON AS THE TESTING AND CHLORINATION IS COMPLETED.
2. ALL FIRE SERVICES TO BE CLASS 50 DUCTILE IRON PIPE WITH APPROPRIATE FITTINGS.
3. TRACER WIRE SHALL BE EXTENDED 24" ABOVE FINISHED SURFACE ON BOTH ENDS AND LEFT COILED UNDER VALVE CASE LID AND METER VAULT LID.
4. CITY PERSONNEL MUST BE PRESENT ANY TIME A TAP IS MADE ON AN EXISTING CITY WATER LINE.
5. WHEN INSTALLING FIRE SERVICE, INSTALL RESILIENT WEDGE GATE VALVE AT PROPERTY LINE.
6. FOR BACKFLOW PREVENTOR INSTALLATIONS, SEE STD DWGS 7-130 THRU 7-226.
7. REQUIRES BYPASS VALVE, SEE STD DWG 7-106.

CITY OF KLAMATH FALLS

Date	Revision:	
5	3/14	5th ED. UPDATE
4	3/11	5th EDITION
3	6/09	4th EDITION
2	6/05	3rd EDITION

WATER SERVICE CONNECTION GREATER THAN 2" & FIRE SERVICE — Approved By: *Mark Willrett*

Drawn By: GDG | Date: 1/2002 | Dwg. No.: **7-105**

CONSTRUCTION NOTES
FOR THE INSTALLATION OF FIRE SERVICES, OR SERVICE LINE GREATER THAN 2"
1. ALL WORK AND MATERIALS SHALL CONFORM TO THE MOST CURRENT EDITION OF APWA "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AND THE CITY OF KLAMATH FALLS STANDARD DRAWINGS AND SPECIFICATIONS UNLESS OTHERWISE NOTED OR AMENDED.
2. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO DIGGING BY CONTACTING THE KLAMATH UTILITIES COORDINATING COUNCIL @ 811, 48 HOURS BEFORE DIGGING.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ALL IMPROVEMENTS AND UTILITIES DAMAGED DURING CONSTRUCTION. ALL REPAIR WORK SHALL MEET OR EXCEED EXISTING CONDITIONS AND BE AT CONTRACTOR'S EXPENSE.
4. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UTILITIES WITH THE UTILITY OWNERS TO PREVENT DELAYS DURING CONSTRUCTION.
5. ALL UTILITIES SHALL BE MARKED WITH AN APPROVED LOCATOR TAPE PLACED 12" BELOW THE GROUND SURFACE. TAPE SHALL BE COLOR CODED FOR THE UTILITY BEING MARKED. TRACER WIRE (14 AWG SINGLE STRAND WITH BLUE INSULATION) TO BE PLACED ON TOP OF PIPE ZONE. LOCATOR TAPE AND WIRE SHALL BE PLACED PER THE CITY OF KLAMATH FALLS STANDARD DRAWING NO. 2-105 UNLESS OTHERWISE NOTED.
6. ALL VALVES SHALL BE RESILIENT WEDGED EPOXY LINED AND COATED GATE VALVES. VALVES SHALL OPEN WHEN ROTATED COUNTER-CLOCKWISE.
7. ALL WATERLINE FITTINGS SHALL BE DUCTILE IRON AND SHALL BE INSTALLED WITH THRUST BLOCKS PER THE CITY OF KLAMATH FALLS STANDARD DRAWING NO. 2-120, UNLESS OTHERWISE NOTED.
8. GENERAL CONTRACTOR SHALL PERFORM DISINFECTION OF FACILITIES BY CHLORINATION ACCORDING TO OREGON ADMINISTRATIVE RULES 333-061-0050 (10) AND AWWA STANDARDS C651 THROUGH C654. CITY PERSONNEL SHALL PERFORM CHLORINE RESIDUAL TESTS IMMEDIATELY AFTER DISINFECTION AND IMMEDIATELY AFTER FLUSHING. CITY PERSONNEL SHALL PERFORM MICROBIOLOGICAL TEST PER CURRENT STANDARDS. SHOULD ANY TEST FAIL, THE CONTRACTOR IS RESPONSIBLE TO PAY THE CITY'S CURRENT HOURLY RATE AT NO LESS THAN 1/2 HOUR INCREMENTS FOR ADDITIONAL TESTS. CALL 883-5368 FOR CURRENT RATE. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DE-CHLORINATION AS REQUIRED BY FEDERAL, STATE AND LOCAL REGULATIONS.
9. THE CONTRACTOR SHALL MECHANICALLY CLEAN THE CONSTRUCTED WATER MAINS BEFORE WATER IS ALLOWED TO ENTER THE NEW MAIN. CLEANING WILL BE ACCOMPLISHED BY PROPELLING OR PULLING AN APPROPRIATELY SIZED BULLET SHAPED FOAM PLUG (PIG) THROUGH THE ENTIRE LENGTH OF THE WATER MAIN. REFER TO THE WATER DISTRIBUTION OPERATION TRAINING HANDBOOK FOR INSTRUCTIONS. A COPY OF THIS SECTION CAN BE OBTAINED FROM CITY ENGINEERING.
10. THE CONTRACTOR SHALL PRESSURE TEST THE WATERLINE AND THE SERVICE BY HYDROSTATIC METHOD PER CURRENT AWWA STANDARDS SECTION C600. TEST PRESSURE SHALL BE A MINIMUM OF 150 PSI FOR A TWO HOUR PERIOD DURATION. CITY PERSONNEL SHALL APPROVE ALL EQUIPMENT USED AND WITNESS FILLING OF THE LINE AND PRESSURE TESTING PROCESS. SHOULD THE TEST FAIL, THE CONTRACTOR IS RESPONSIBLE TO PAY THE CITY'S CURRENT RATE AT NOT LESS THAN 1/2 HOUR INCREMENTS FOR ADDITIONAL TESTS. CALL 883-5368 FOR CURRENT RATE.
11. CONNECTION TO THE EXISTING WATERLINES SHALL BE MADE BY THE CONTRACTOR (CONTRACTOR TO FURNISH AND INSTALL ALL FITTINGS) WITH THE CITY PERSONNEL OBSERVING. THE CONTRACTOR SHALL COORDINATE WITH THE CITY ON THE TIMING OF WORK.
12. MECHANICAL JOINT ADAPTERS SHALL BE FOSTER ADAPTERS, OR A COMPATIBLE EQUAL.
13. ALL WORK AND MATERIALS SHALL BE WARRANTED BY THE CONTRACTOR OR THE DEVELOPER FOR A PERIOD OF ONE YEAR AFTER THE DATE OF ACCEPTANCE BY THE CITY OF KLAMATH FALLS.
14. ALL TRENCH WORK SHALL CONFORM TO THE DETAILS ON STANDARD DRAWING NO. 2-105 OF THE CITY OF KLAMATH FALLS STANDARD DRAWINGS.

CITY OF KLAMATH FALLS

Date	Revision:	
4	3/10	5th EDITION
3	6/06	4th EDITION
2	6/05	3rd EDITION
1	6/04	2nd EDITION

CONSTRUCTION NOTES FOR STANDARD DRAWING NO. 7-105 — Approved By: *Don Wilcox*

Drawn By: GDG | Date: 1/2002 | Dwg. No.: **7-105a**

CONSTRUCTION NOTES
FOR THE INSTALLATION OF FIRE SERVICES, OR SERVICE LINE GREATER THAN 2" (CONTINUED)
15. ALL VAULTS SHALL BE MANUFACTURED BY UTILITY VAULT COMPANY OR A COMPATIBLE EQUAL. APPROVAL OF EQUALS REQUIRED. ALL VAULTS SHALL CONTAIN A CUT-OUT OR HOLE ADEQUATE FOR INSTALLATION OF CITY AUTOMATED METER READING EQUIPMENT. CONTRACTOR OR INSTALLER SHALL BE RESPONSIBLE FOR PROPERLY SIZED CUT-OUT OR HOLE IN VAULT COVER OR LID. (AGY 1)
16. WATER METERS SHALL BE MANUFACTURED BY SENSUS TECHNOLOGIES, INC. AND WILL MEET ALL CITY REQUIREMENTS FOR EACH APPLICATION. 1 1/2" AND LARGER SHALL BE SENSUS OMNI METER.
17. FIRE SERVICE METERS SHALL CONFORM WITH AWWA STANDARD C703. PRIOR TO FIRE SERVICE BEING APPROVED AND PLACED INTO SERVICE:
- CITY SHALL INSTALL SENSUS IPERL METER AND AUTOMATED METER READING EQUIPMENT
- CITY SHALL, AS REQUIRED BY STATE, TEST NEWLY INSTALLED DOUBLE CHECK DETECTOR ASSEMBLY TO ASSURE PROPER INSTALLATION AND BACKFLOW PROTECTION. (AGY 1)

18. FOR FIRE SERVICES INTO A BUILDING: (AGY 1)
- SENSUS IPERL GALLON METER W/LENGTH OF WIRE PER EACH UNIT
- PAD HEIGHT – REASONABLE
- TOUCH PAD-2" HOLE THROUGH WALL, 1 1/2"± CONDUIT IN WALL FOR WIRE TO CONNECT PAD TO SENSOR. WIRE SHALL BE STRAPPED TO FITTINGS AND PIPE.

19. WHEN TAPPING EXISTING WATER MAIN LINES, THE CONTRACTOR SHALL MAKE PROVISIONS TO CONTINUOUSLY FLUSH AND PURGE WATER THROUGH THE NON-PRESSURIZED SIDE OF THE TAPPING VALVE (TOWARD THE BOTTOM), OR THROUGH THE TAPPING MACHINE. USING A CORPORATION STOP ON THE TESTING TAP ON THE TAPPING SLEEVE IS NOT ACCEPTABLE. AN ALTERNATE METHOD MAY BE APPROVED BY THE CITY INSPECTOR TWO WORKING DAYS PRIOR TO THE ACTUAL TAP. WHEN WORKING WITH ASBESTOS PIPE, REFER TO APPENDIX 7-A FOR PROPER HANDLING. THE CONTRACTOR IS RESPONSIBLE TO DISPOSE OF CONTAMINATED WATER AND ASBESTOS PIPE IN ACCORDANCE WITH DEQ REGULATIONS.
20. THE CONTRACTOR SHALL NOT ADJUST OR OPERATE WATER VALVES UNDER CITY JURISDICTION. IF IT IS DETERMINED BY THE CONTRACTOR THAT A CITY VALVE NEEDS TO BE OPERATED, THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR A MINIMUM OF TWO WORKING DAYS BEFORE THE CONTRACTOR'S SCHEDULED DATE.
21. CONTRACTOR TO NOTIFY THE CITY INSPECTOR A MINIMUM OF THREE WORKING DAYS BEFORE THE PRESSURE TEST SO THE CITY INSPECTOR CAN NOTIFY THE WATER DIVISION TO SCHEDULE MICROBIOLOGICAL TESTING.
22. IF THE CONTRACTOR IS PLANNING A CITY WATER MAIN SHUT DOWN, THE CONTRACTOR SHALL GIVE ALL AFFECTED WATER USERS A MINIMUM OF TWO WORKING DAYS WRITTEN NOTICE (FLYERS INSERTED ON DOOR HANDLES ARE RECOMMENDED) PRIOR TO THE CITY SHUTTING DOWN THE MAIN LINE. THE CITY INSPECTOR WILL SUPPLY THE CONTRACTOR WITH THE ADDRESSES OF THE AFFECTED WATER USERS.
23. THE CONTRACTOR SHALL NOT MIX GALVANIZED AND BRASS FITTINGS.
24. A RESTRAINT SCHEDULE SHALL BE INCLUDED ON THE DESIGN PLANS OR SUBMITTED BY THE CONTRACTOR SEPARATELY FOR CITY ENGINEERING APPROVAL.

CITY OF KLAMATH FALLS

Date	Revision:	
5	3/14	5th ED. UPDATE
4	3/10	5th EDITION
3	6/06	4th EDITION
2	6/05	3rd EDITION

CONSTRUCTION NOTES FOR STANDARD DRAWING NO. 7-105 — Approved By: *Mark Willrett*

Drawn By: GDG | Date: 1/2002 | Dwg. No.: **7-105b**

(AGY 2)

SITE CONSTRUCTION PERMIT SET (AGY 3)
CITY WATER ONLY — DATE

BBT ARCHITECTS
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Bend, Oregon 97702
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FOR INFORMATION ONLY

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7390 S 6TH STREET
KLAMATH FALLS, OR 97603

CITY OF KLAMATH FALLS MASTER FILE # 33926 (AGY 2)

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

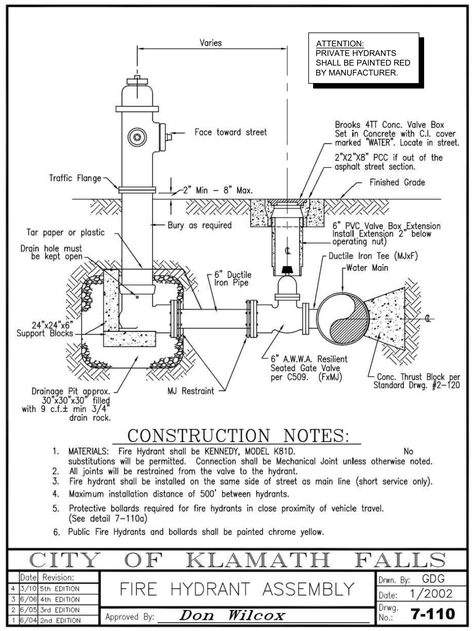
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

AGENCY STANDARD DETAILS

C6.10

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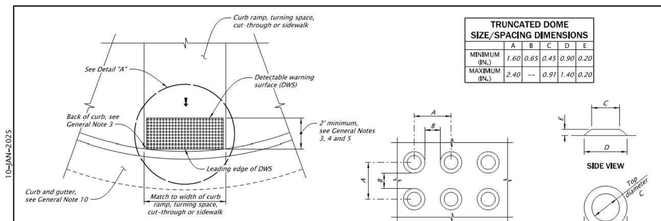


CONSTRUCTION NOTES:

1. MATERIALS: Fire Hydrant shall be KENNEDY, MODEL K81D. No substitutions will be permitted. Connection shall be Mechanical Joint unless otherwise noted.
2. All joints will be restrained from the valve to the hydrant.
3. Fire hydrant shall be installed on the same side of street as main line (short service only).
4. Maximum installation distance of 500' between hydrants.
5. Protective bollards required for fire hydrants in close proximity of vehicle travel. (See detail 7-110a)
6. Public Fire Hydrants and bollards shall be painted chrome yellow.

CITY OF KLAMATH FALLS		
Date Revision:	FIRE HYDRANT ASSEMBLY	Drwn. By: GDG
4 11/10 5th EDITION		Date: 1/2002
3 6/06 4th EDITION	Approved By: *Don Wilcox*	Drwg. No.: **7-110**
2 6/05 3rd EDITION		
1 6/04 2nd EDITION		

10-JAN-2025
RD902.dgn



TRUNCATED DOME SIZE/SPACING DIMENSIONS

	A	B	C	D	E
MINIMUM (IN.)	1.60	0.65	0.45	0.90	0.20
MAXIMUM (IN.)	2.40	--	0.91	1.40	0.20

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. *Detectable warning surface details and locations are based on applicable ODOT Standards.*
2. *See project plans for details not shown. See drawings RD700 and RD701 for curbs.*
3. *The detectable warning surface shall extend the full width of the curb ramp opening, shared use path, blended transition, turning space, or other roadway entrance as applicable. A gap of up to 2 inches on each side of the detectable warning surface is permitted (measured at the leading edge of the detectable warning surface panel as shown in Detail "A").*
4. *Detectable warning surface shall be placed at the back of curb for a minimum depth of 2 feet in the direction of pedestrian travel at curb ramps that are adjacent to traffic. Detectable warning surface may be radial or rectangular, but must comply with the truncated dome size and spacing standards. Detectable warning surface may be cut to meet necessary shape as shown in plans. Detectable warning surface across a grade break is prohibited. Place abutting panels within1/4 -inch of each other and install anchors, as specified by manufacturers, along cut edge.*
5. *Color to be safety yellow, if no color specified in construction note. Alternative colors require a design exception on or along state highways.*
6. *Detectable warning surface shall be used in the following locations:*
   a) *Curb ramps at street crossings*
   b) *Crossing islands (Accessible Route Islands)*
   c) *Rail crossings*
7. *Where public transportation stations (rail, bus, etc.) use platform boarding, detectable warning surface shall be placed along the full edge length of the station, when not protected by platform screens or guards. See drawing RD908.*
8. *Detectable warning surface shall not be used on the following locations:*
   a) *End of sidewalk transitions that are not at a crosswalk. See drawings RD950, RD952 and RD960.*
   b) *Driveways, unless constructed with curb return or are signalized.*
   c) *Parking lots, access aisles and passenger loading zones where curb ramp does not lead to vehicular way.*
9. *Where no curb is present, the detectable warning surface shall be placed at the edge of the roadway.*
10. *On or along state highways, curb and gutter is required at curb ramps.*

LEGEND:

- *Detectable warning surface*
- *Cross slope 1.5% maximum (Maximum 2.0% finished surface slope) (Normal sidewalk cross slope)*
- *Running slope 7.5% maximum (Maximum 8.3% finished surface slope)*

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

DETECTABLE WARNING SURFACE DETAILS

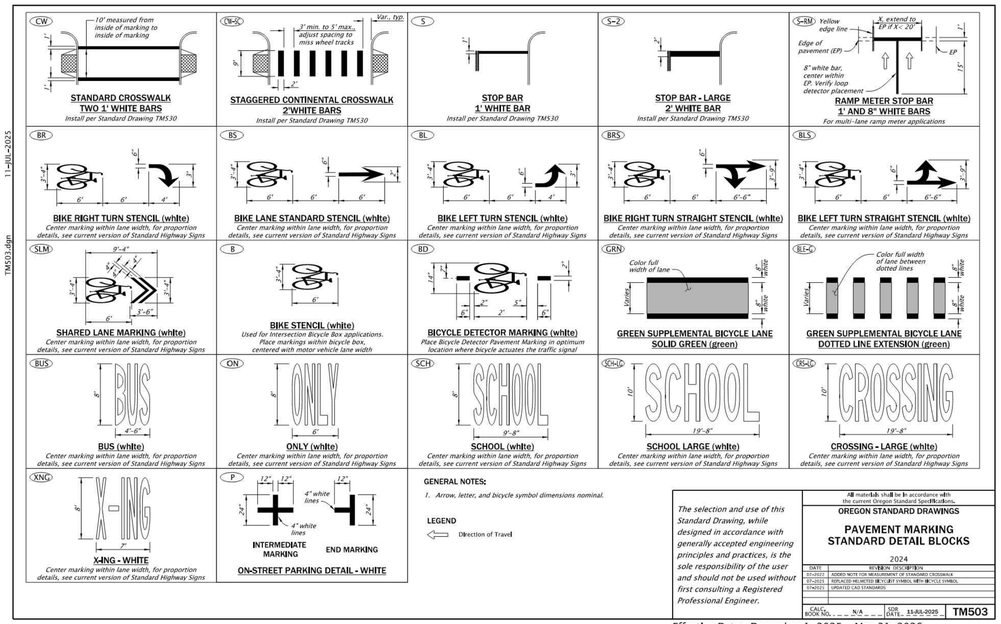
2024

DATE	REVISION DESCRIPTION
01-2025	UPDATED CAD STANDARDS

CAD Cv. BOOK NO. - - - N/A - - - | SDR DATE 10-JAN-2025 | **RD902**

Effective Date: December 1, 2025 – May 31, 2026

11-JUL-2025
TM503.dgn



GENERAL NOTES:

1. *Arrow, letter, and bicycle symbol dimensions nominal.*

LEGEND

⟸ Direction of Travel

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

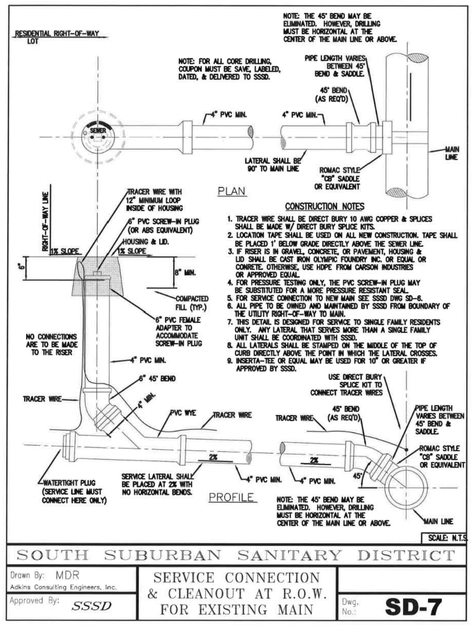
PAVEMENT MARKING STANDARD DETAIL BLOCKS

2024

DATE	REVISION DESCRIPTION
07-2022	ADDED NOTE FOR MEASUREMENT OF STANDARD CROSSWALK
07-2023	REPLACED MUNITED BICYCLE SYMBOL WITH BICYCLE SYMBOL
07-2025	UPDATED CAD STANDARDS

CAD Cv. BOOK NO. - - - N/A - - - | SDR DATE 11-JUL-2025 | **TM503**

Effective Date: December 1, 2025 – May 31, 2026



CONSTRUCTION NOTES

1. TRACER WIRE SHALL BE DIRECT BURY 10 AWG COPPER & SPLICES SHALL BE MADE W/ DIRECT BURY SPLICE KITS.
2. LOCATION TAPE SHALL BE USED ON ALL NEW CONSTRUCTION. TAPE SHALL BE PLACED 1' BELOW GRADE DIRECTLY ABOVE THE SEWER LINE.
3. IF RISER IS IN GRAVEL, CONCRETE, OR PAVEMENT, HOUSING & LID SHALL BE CAST IRON OLYMPIC FOUNDRY INC. OR EQUAL OR CONCRETE. OTHERWISE, USE HDPE FROM CARSON INDUSTRIES OR APPROVED EQUAL.
4. FOR PRESSURE TESTING ONLY, THE PVC SCREW-IN PLUG MAY BE SUBSTITUTED FOR A MORE PRESSURE RESISTANT SEAL.
5. FOR SERVICE CONNECTION TO NEW MAIN SEE SSSD DWG SD-8.
6. ALL PIPE TO BE OWNED AND MAINTAINED BY SSSD FROM BOUNDARY OF THE UTILITY RIGHT-OF-WAY TO MAIN.
7. THIS DETAIL IS DESIGNED FOR SERVICE TO SINGLE FAMILY RESIDENTS ONLY. ANY LATERAL THAT SERVES MORE THAN A SINGLE FAMILY UNIT SHALL BE COORDINATED WITH SSSD.
8. ALL LATERALS SHALL BE STAMPED ON THE MIDDLE OF THE TOP OF CURB DIRECTLY ABOVE THE POINT IN WHICH THE LATERAL CROSSES.
9. INSERTA-TEE OR EQUAL MAY BE USED FOR 10" OR GREATER IF APPROVED BY SSSD.

SOUTH SUBURBAN SANITARY DISTRICT

Drawn By: MDR Adkins Consulting Engineers, Inc.	SERVICE CONNECTION & CLEANOUT AT R.O.W. FOR EXISTING MAIN	
Approved By: *SSSD*		Dwg. No.: **SD-7**

SITE CONSTRUCTION PERMIT SET

CITY WATER ONLY — DATE

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KLAMATH FALLS, OR 97603

CITY OF KLAMATH FALLS MASTER FILE #: 339426

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

Project Number 2507
Date 3/16/2026

PERMIT / BID SET

AGENCY STANDARD DETAILS

C6.20

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BASE BID:
- IRRIGATION WATER METER PER CIVIL.
- IRRIGATION SLEEVES PER SHEET L1.00 AND SPECIFICATION SECTION 328424 - IRRIGATION.
- IRRIGATION BACKFLOW PER SHEET L1.00, LANDSCAPE DETAIL #211 AND SPECIFICATION SECTION 328424 - IRRIGATION.

ALTERNATE #4:
- COMPLETE IRRIGATION SYSTEM DOWNSTREAM OF P.O.C PER SHEET L1.00, LANDSCAPE DETAILS #201 - #264, AND SPECIFICATION SECTION 328424 - IRRIGATION.

VALVE SCHEDULE

#	MODEL	TYPE	(GPM)
1	RAINBIRD 100-PEB	ROOT WATERING SYSTEM	2.0
2	RAINBIRD XCZ-100-PRB-LC	POINT-SOURCE EMITTERS	2.19

GENERAL IRRIGATION NOTES:

A. THE LANDSCAPE CONTRACTOR SHALL INSPECT THE SITE AND VERIFY CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.

B. INSTALL IRRIGATION SYSTEM TO COMPLY WITH THE CODES AND ORDINANCES OF ALL JURISDICTIONAL AGENCIES.

C. IRRIGATION PLANS ARE SCHEMATIC. PLACE IRRIGATION LINES IN COMMON TRENCH WHENEVER POSSIBLE. FIELD ADJUST LINES TO AVOID CONFLICT WITH UTILITIES.

D. UPON INSTALLATION, VERIFY BACKFLOW PREVENTION DEVICE HAS BEEN INSPECTED AND APPROVED BY THE APPROPRIATE AUTHORITY.

E. ALL VALVES SHALL BE PLACED IN VALVE BOXES IN A MANNER WHICH FACILITATES ACCESS FOR MAINTENANCE. LOCATE VALVE BOXES IN SHRUB BEDS WHENEVER POSSIBLE.

F. ALL COMPONENTS OF IRRIGATION SYSTEM SHALL BE INSTALLED AND ADJUSTED TO PROVIDE COMPLETE COVERAGE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE WORKING SYSTEM.

G. VERIFY MINIMUM STATIC WATER PRESSURE OF 48 PSI AT POINT OF CONNECTION TO METER. NOTIFY THE LANDSCAPE ARCHITECT IF ACTUAL FIELD DATA DIFFERS FROM THIS INFORMATION.

H. SYSTEM IS DESIGNED TO OPERATE WITH A MINIMUM OF 30 PSI AT THE FURTHEST BUBBLER FROM THE POINT OF CONNECTION AND 20 PSI AT THE FURTHEST DRIP EMITTER. HEAD AND DRIP IRRIGATION LAYOUT AND ZONES ARE BASED ON THIS DATA AND COMPONENTS SHOWN IN THE IRRIGATION LEGEND. NOTIFY THE LANDSCAPE ARCHITECT IF ACTUAL FIELD DATA DIFFERS FROM THIS INFORMATION.

I. IRRIGATION LATERALS ARE SIZED STARTING AT THE VALVE AND CONTINUING IN THE DIRECTION OF FLOW. REDUCTION IN PIPE SIZE ARE LABELLED BEGINNING DOWNSTREAM OF NEAREST FITTING. ALL LATERALS NOT SIZED ARE MINIMUM 1 INCH OR SAME SIZE AS NEAREST ADJACENT PIPE.

J. INSTALL ALL IRRIGATION PIPE, TUBING AND WIRE IN PVC SLEEVES BELOW ALL PAVED SURFACES AS SPECIFIED.

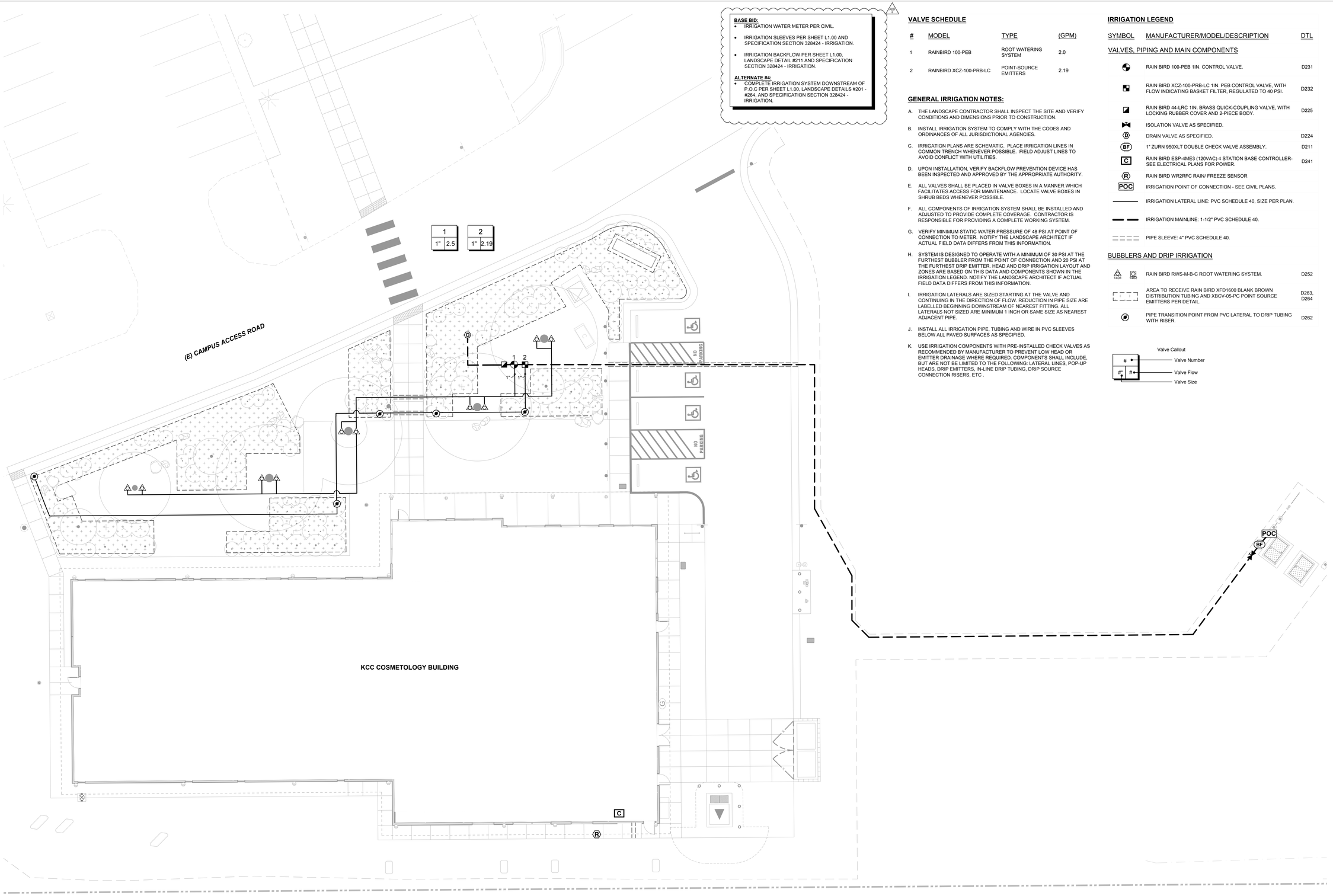
K. USE IRRIGATION COMPONENTS WITH PRE-INSTALLED CHECK VALVES AS RECOMMENDED BY MANUFACTURER TO PREVENT LOW HEAD OR EMITTER DRAINAGE WHERE REQUIRED. COMPONENTS SHALL INCLUDE, BUT ARE NOT BE LIMITED TO THE FOLLOWING: LATERAL LINES, POP-UP HEADS, DRIP EMITTERS, IN-LINE DRIP TUBING, DRIP SOURCE CONNECTION RISERS, ETC .

IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DTL
VALVES, PIPING AND MAIN COMPONENTS		
	RAIN BIRD 100-PEB 1IN. CONTROL VALVE.	D231
	RAIN BIRD XCZ-100-PRB-LC 1IN. PEB CONTROL VALVE, WITH FLOW INDICATING BASKET FILTER, REGULATED TO 40 PSI.	D232
	RAIN BIRD 44-LRC 1IN. BRASS QUICK-COUPLING VALVE, WITH LOCKING RUBBER COVER AND 2-PIECE BODY.	D225
	ISOLATION VALVE AS SPECIFIED.	
D	DRAIN VALVE AS SPECIFIED.	D224
BF	1" ZURN 950XLT DOUBLE CHECK VALVE ASSEMBLY.	D211
C	RAIN BIRD ESP-4ME3 (120VAC) 4 STATION BASE CONTROLLER- SEE ELECTRICAL PLANS FOR POWER.	D241
R	RAIN BIRD WR2RFC RAIN/ FREEZE SENSOR	
POC	IRRIGATION POINT OF CONNECTION - SEE CIVIL PLANS.	
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40, SIZE PER PLAN.	
	IRRIGATION MAINLINE: 1-1/2" PVC SCHEDULE 40.	
	PIPE SLEEVE: 4" PVC SCHEDULE 40.	
BUBBLERS AND DRIP IRRIGATION		
1401 1402	RAIN BIRD RWS-M-B-C ROOT WATERING SYSTEM.	D252
	AREA TO RECEIVE RAIN BIRD XFD1600 BLANK BROWN DISTRIBUTION TUBING AND XBCV-05-PC POINT SOURCE EMITTERS PER DETAIL.	D263, D264
	PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER.	D262

Valve Callout

#	Valve Number
4"	# Valve Flow
	Valve Size



1 L1.00 **IRRIGATION PLAN** 1"=10'

10 0 5 10 20
(FEET)
1 INCH = 10 FT

BBT ARCHITECTS
1140 sw Simpson Ave. - Suite 200
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t 541.382.5535 | f 541.389.8033

REGISTERED LANDSCAPE ARCHITECT
OREGON
Gregory T. Cooney
295
12/29/92
EXPIRES: 12/31/2026

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KLAMATH FALLS, OR 97603

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

Project Number 2507
Date 3/16/2026

PERMIT / BID SET

IRRIGATION PLAN

L1.00

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BASE BID:
- SUBGRADE PREPARATION PER SPECIFICATION SECTION 329113 - SUBGRADE PREPARATION, PARAGRAPH 3.02

ALTERNATE #1:
- SEEDING NORTH LANDSCAPE PER SHEET L2.00, AND SPECIFICATION SECTIONS 329113 - SOIL PREPARATION AND 329200 - HYDROSEEDING.

ALTERNATE #5:
- SEEDING SOUTH LANDSCAPE PER SHEET L2.00, AND SPECIFICATION SECTIONS 329113 - SOIL PREPARATION AND 329200 - HYDROSEEDING.

SEEDING LEGEND:

ROUGH SEED

ALTERNATE #1

ALTERNATE #5

(E) CAMPUS ACCESS ROAD

KCC COSMETOLOGY BUILDING

MATCHLINE THIS SHEET

MATCHLINE THIS SHEET

ALTERNATE #5

1 L2.00 **SEEDING PLAN**

1"=20'

20 0 10 20 40

(FEET)

1 INCH = 20 FT

BBT ARCHITECTS

1140 sw Simpson Ave. - Suite 200
Bend, Oregon 97702
t 541.382.5535 | f 541.389.8033

REGISTERED LANDSCAPE ARCHITECT
295
Gregory T. Cooney
OREGON
12/29/92

EXPIRES: 12/31/2026

ZCS

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7390 S 6TH STREET
KLAMATH FALLS, OR 97603

No.	Description	Date
ADD 2	ADDENDUM NO. 2	04/09/2026

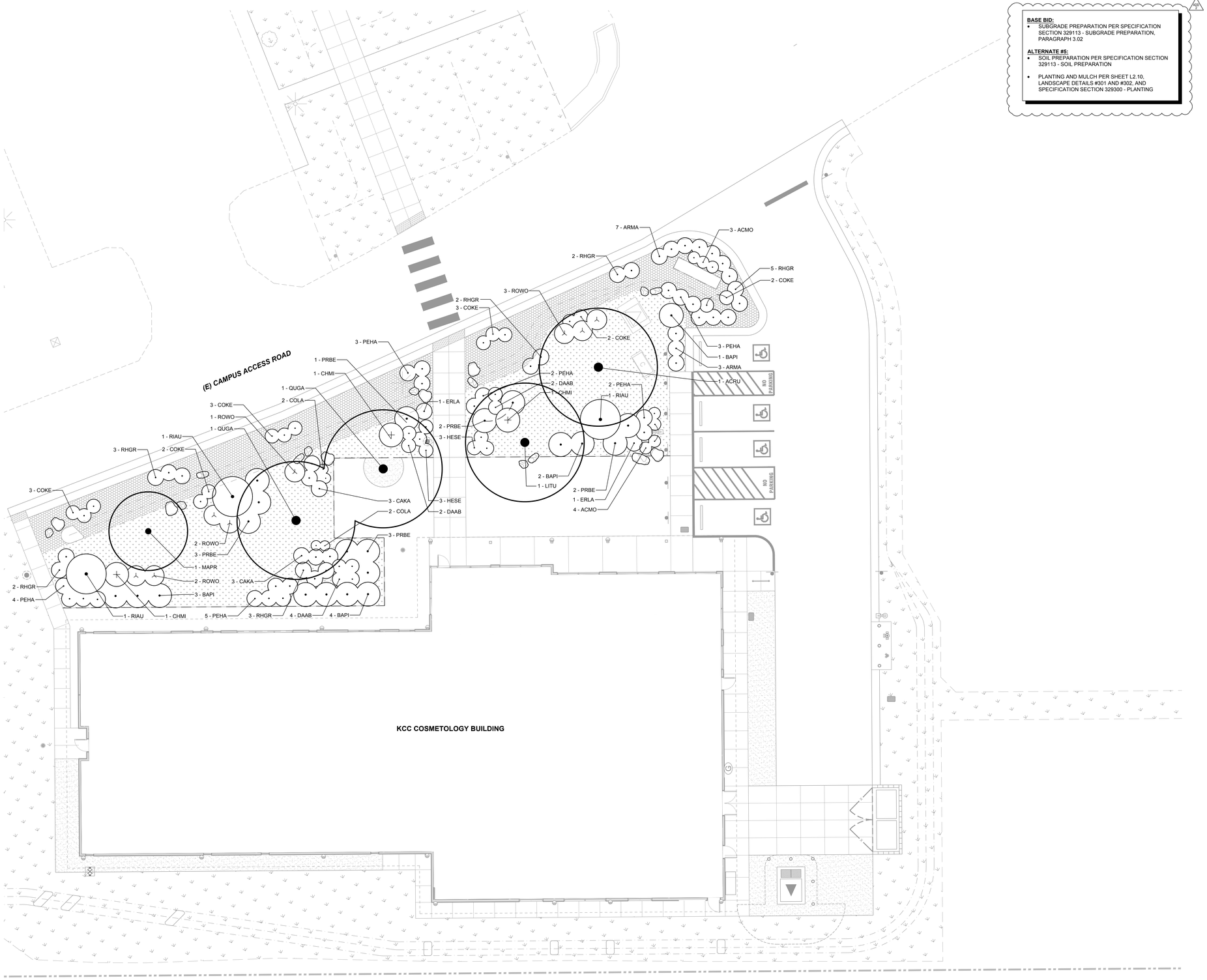
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

SEEDING PLAN

L2.00

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BASE BID:

- SUBGRADE PREPARATION PER SPECIFICATION SECTION 329113 - SUBGRADE PREPARATION, PARAGRAPH 3.02

ALTERNATE #5:

- SOIL PREPARATION PER SPECIFICATION SECTION 329113 - SOIL PREPARATION
- PLANTING AND MULCH PER SHEET L2.10, LANDSCAPE DETAILS #301 AND #302, AND SPECIFICATION SECTION 329300 - PLANTING

PLANTING LEGEND:

- UN-IRRIGATED ROUGH SEED - SEE SHEET L2.00 FOR EXTENTS
- CRUSHED ROCK MULCH
- BARK MULCH
- ROCK COBBLE MULCH
- DECORATIVE BOULDERS - 12-48" DIAMETER COMPETENT GRANITE

PLANT LIST:

ID	NAME	SIZE
TREES		
ACRU	ACER RUBRUM RED MAPLE	1.75" C
LITU	LIRIODENDRON TULIPIFERA TULIP TREE	2" C
MAPR	MALUS X 'PRAIRIFIRE' PRAIRIFIRE CRABAPPLE	1.75" C
QUGA	QUERCUS GARRYANA OREGON WHITE OAK	2" C
SHRUBS		
ARMA	ARCTO. UVA-URSI 'MASS.' MASSACHUSETTS KINNIKINNICK	1 GAL
BAPI	BACCHARIS PILULARIS 'PIGEON POINT' PIGEON POINT COYOTE BRUSH	1 GAL
CHMI	CHAEMBATIARIA MILLEFOLIUM FERNBUSH	5 GAL
COHO	COTONEASTER HORIZONTALIS ROCK COTONEASTER	1 GAL
COKE	CORNUS SERICEA 'KELSEYI' KELSEY'S RED TWIG DOGWOOD	1 GAL
DAAB	DASIPHORA FRUTICOSA 'ABBOTSWOOD' ABBOTSWOOD BUSH CINQUEFOIL	1 GAL
PRBE	PRUNUS BESSEYI 'PAWNEE BUTTES' PAWNEE BUTTES SAND CHERRY	1 GAL
RHGR	RHUS AROMATICA 'GRO LOW' GRO-LOW FRAGRANT SUMAC	1 GAL
RIAU	RIBES AUREUM GOLDEN CURRANT	5 GAL
ROWO	ROSA WOODSII WOODS' ROSE	1 GAL
PERENNIALS & GRASSES		
ACMO	ACHILLEA X 'MOONSHINE' MOONSHINE YARROW	1 GAL
CAKA	CALAMAGROSTIS X 'KARL FOERSTER' KARL FOERSTER FEATHER REED GRASS	1 GAL
COLA	COREOPSIS LANCEOLATA LANCELEAF COREOPSIS	1 GAL
ERLA	ERIOPHYLLUM LANATUM OREGON SUNSHINE	1 GAL
HESE	HELICTRICHON SEMPERVIRENS BLUE OAT GRASS	1 GAL
PEHA	PENNISETUM ALOPECUROIDES 'HAMELN' HAMELN FOUNTAIN GRASS	1 GAL

1 L2.10 **PLANTING PLAN**

1"=10'

10 0 5 10 20
(FEET)
1 INCH = 10 FT

BBT ARCHITECTS
1140 sw Simpson Ave. - Suite 200
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t 541.382.5535 | f 541.389.8033

REGISTERED LANDSCAPE ARCHITECT
295
Gregory T. Cooney
OREGON
12/29/92
EXPIRES: 12/31/2026

ZCS

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PLANTING PLAN

L2.10

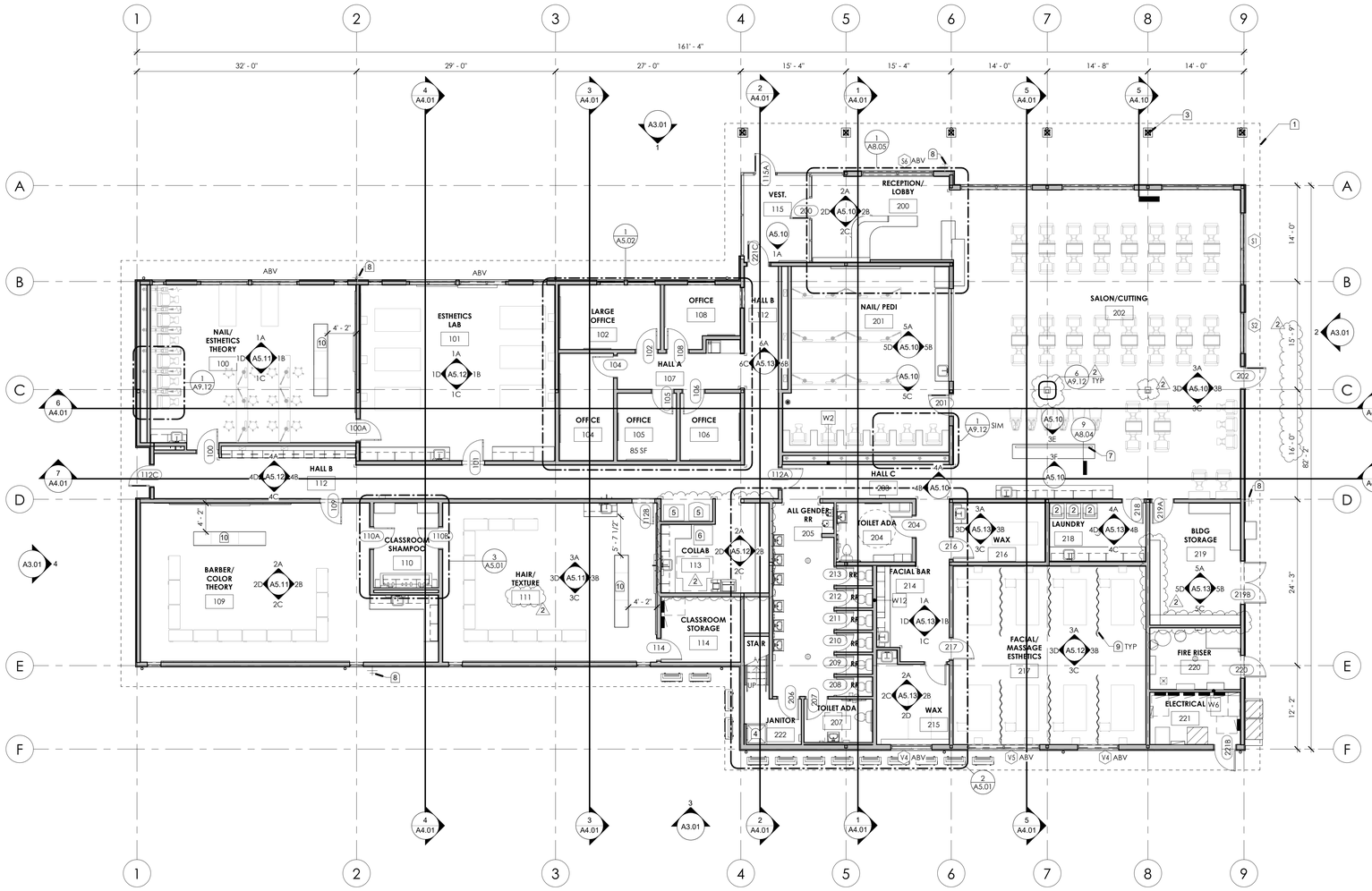
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GENERAL NOTES

A. SEE SHEET G0.01 FOR ARCHITECTURAL ABBREVIATIONS AND SYMBOLS
B. SEE SHEET G0.04 FOR WALL TYPES
C. SEE SHEET A8.01 FOR DOOR SCHEDULE
D. PLAN DIMENSIONS ARE MEASURED FROM THE OUTSIDE FACE OF STUDS.
E. GRID LINES AT EXTERIOR WALLS LOCATED AT FACE OF STUD AND AT CENTER LINE OF STEEL U.N.O.

FLOOR PLAN KEYNOTES

1 ROOF OVERHANG
2 STACKED WASHER DRYER
3 CONCRETE PEDESTAL, TYP.
4 MOP SINK
5 VENDING MACHINE
6 REFRIGERATOR
7 TROUGH IN COUNTERTOP
8 HOSE BIBB
9 RETRACTABLE CURTAIN SYSTEM
10 TYPICAL TEACHING CASEWORK ISLAND - SEE A5.11 FOR ELEVATION AND CABINET TYPES



1 A1.00 **OVERALL FLOOR PLAN - LEVEL 1**
SCALE: 1/8" = 1'-0"

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t 541.382.5535 | f 541.389.8033

REGISTERED ARCHITECT
Kyle Burke
Bend, OR
12047
STATE OF OREGON

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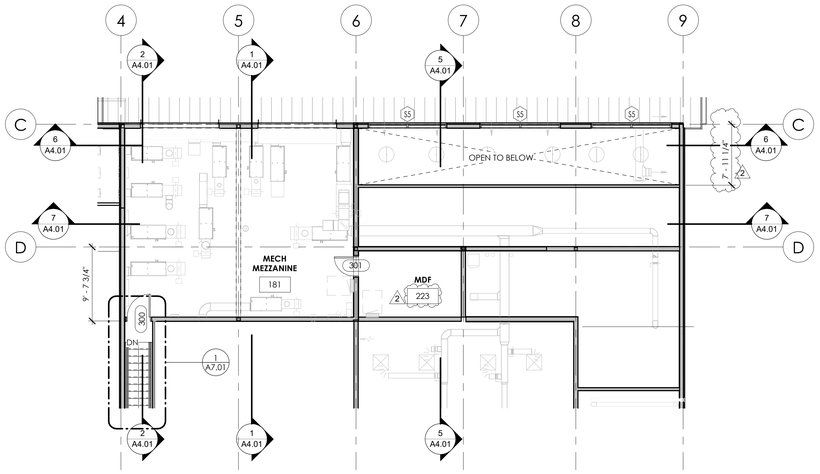
OVERALL FLOOR PLAN - LEVEL 1

A1.00

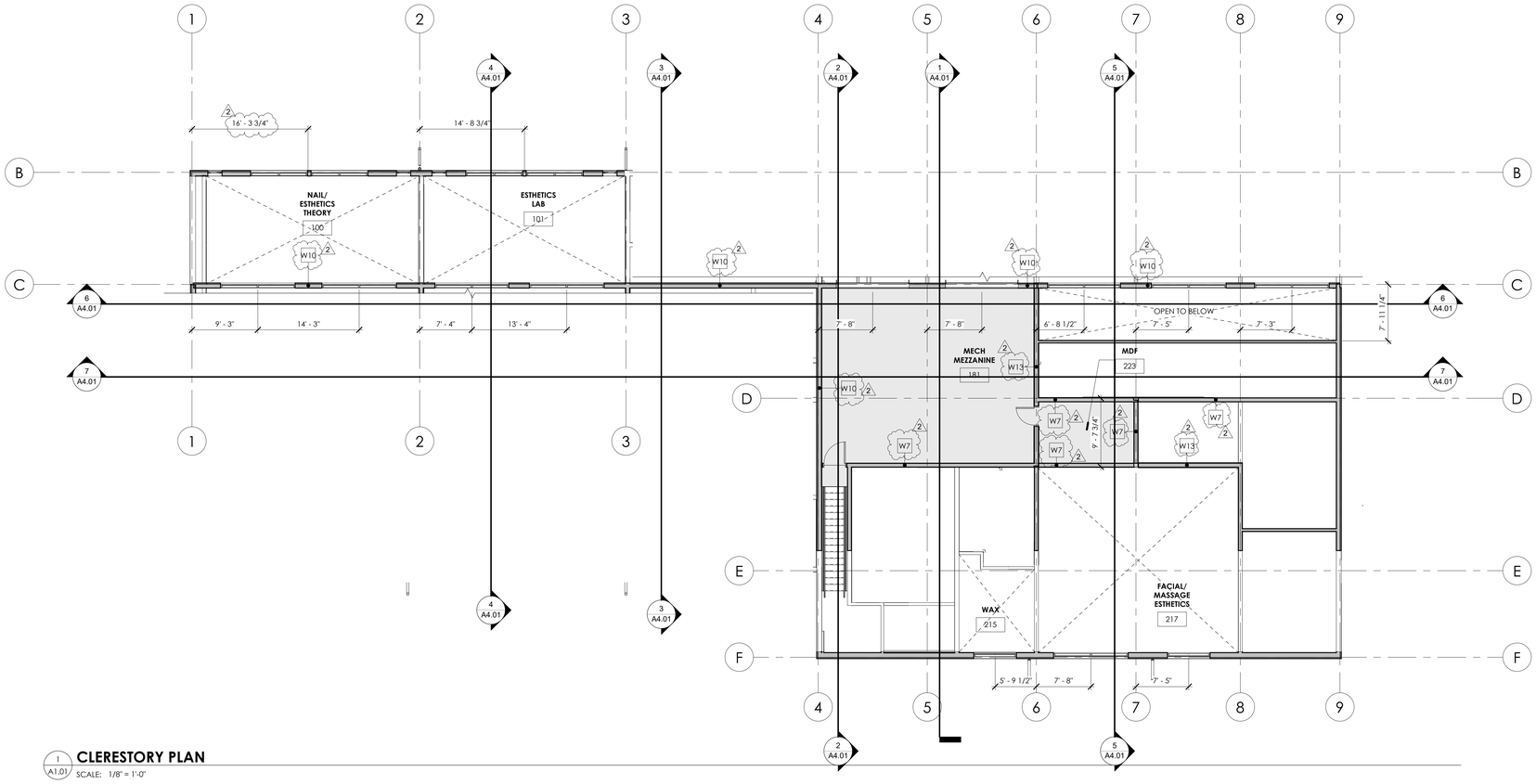
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GENERAL NOTES

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2 A1.01 **MECHANICAL MEZZANINE**
SCALE: 1/8" = 1'-0"



1 A1.01 **CLERESTORY PLAN**
SCALE: 1/8" = 1'-0"

N

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OVERALL FLOOR PLAN - MECH MEZZANINE AND CLERESTORY

A1.01

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GENERAL NOTES

A. SEE SHEET G0.01 FOR ARCHITECTURAL ABBREVIATIONS AND SYMBOLS
B. SEE SHEET G0.04 FOR WALL TYPES
C. SEE SHEET A8.01 FOR DOOR SCHEDULE
D. PLAN DIMENSIONS ARE MEASURED FROM THE OUTSIDE FACE OF STUDS.
E. GRID LINES AT EXTERIOR WALLS LOCATED AT FACE OF STUD AND AT CENTER LINE OF STEEL U.N.O.

WALL TAG LEGEND

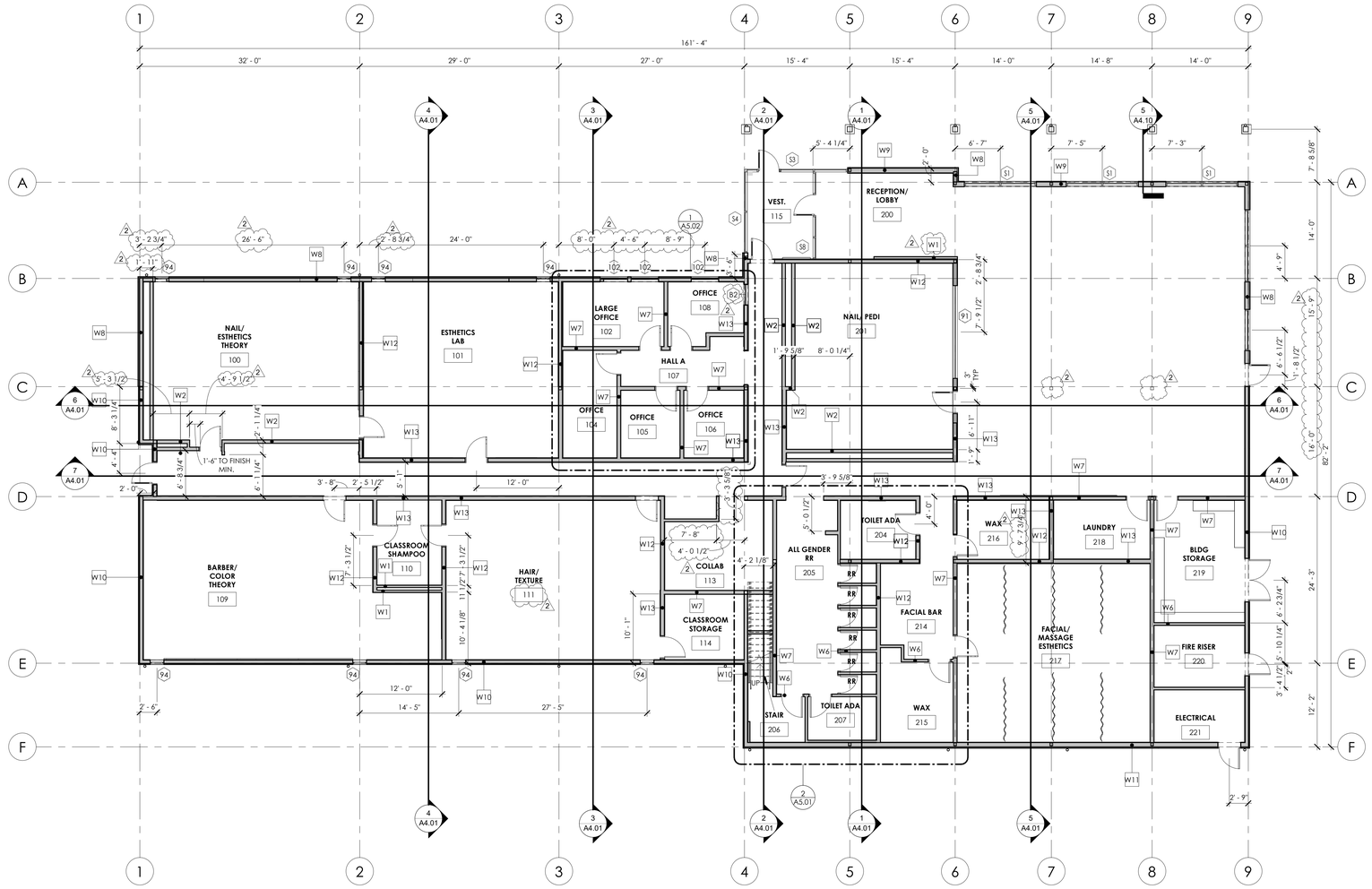
DIMENSION SHEET DESIGNATION:

PARTITION STRUCTURE:
W - WOOD STUD

WX — WALL DESIGNATION
PARTITION TO BE FULL HEIGHT U.N.O.

PARTITION STRUCTURE:
W - WOOD STUD

WX # — WALL DESIGNATION
PARTITION TO TERMINATE AT 6" ABOVE FINISHED CEILING UNO SEE STRUCTURAL FOR TYPICAL BRACING AT NON-FULL HEIGHT WALLS



1 A1.10 **FLOOR PLAN - DIMENSION PLAN**
SCALE: 1/8" = 1'-0"

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OVERALL DIMENSION PLAN

A1.10

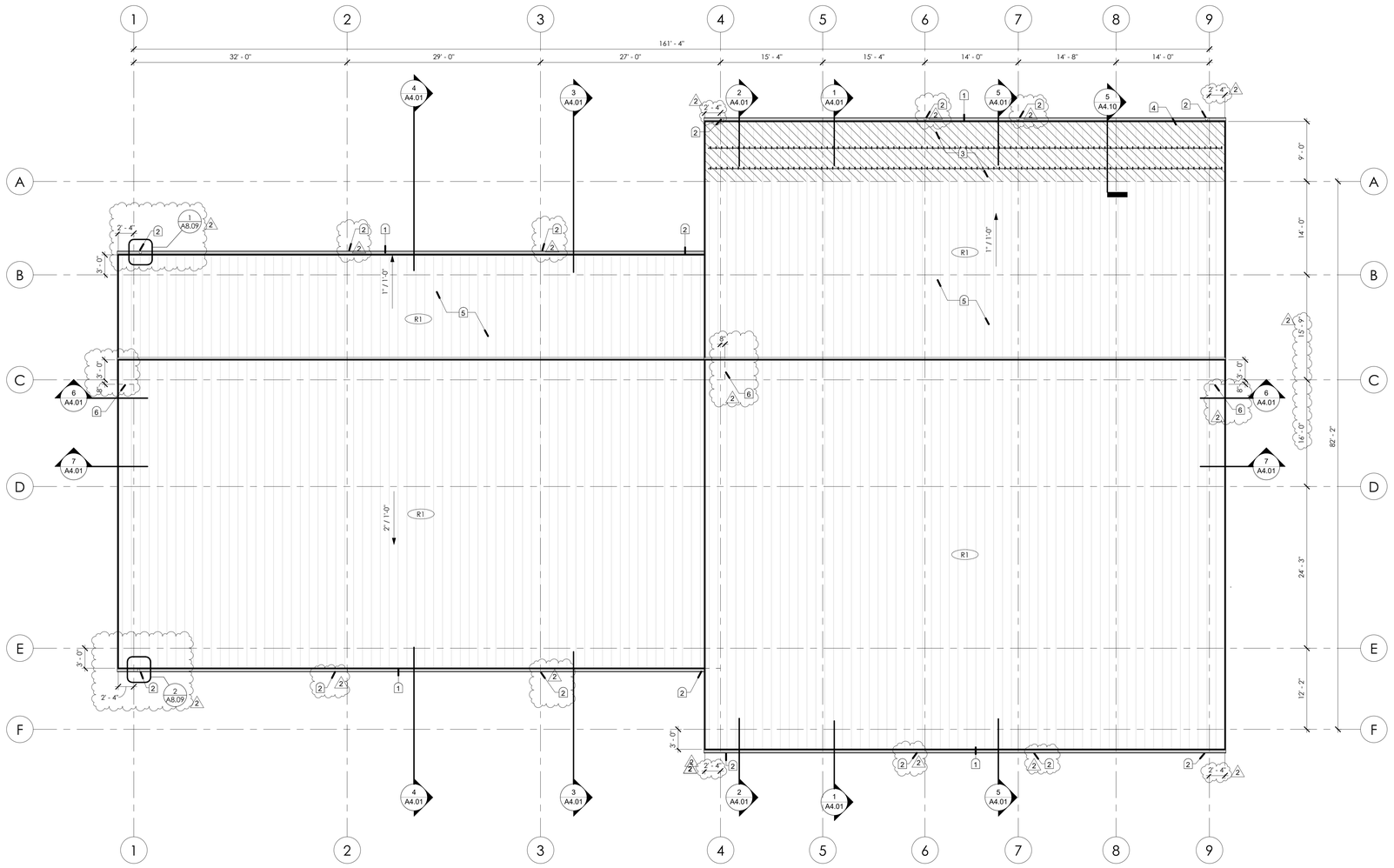
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GENERAL NOTES

A. SEE SHEET G0.01 FOR ARCHITECTURAL ABBREVIATIONS AND SYMBOLS
B. SEE SHEET G0.04 FOR WALL TYPES
C. SEE SHEET A8.01 FOR DOOR SCHEDULE
D. PLAN DIMENSIONS ARE MEASURED FROM THE OUTSIDE FACE OF STUDS.
E. GRID LINES AT EXTERIOR WALLS LOCATED AT FACE OF STUD AND AT CENTER LINE OF STEEL U.N.O.

ROOF KEYNOTES

1 GUTTER
2 DOWNSPOUT
3 SNOW RETENTION SYSTEM IN DIAGONAL HATCH REGION
4 SNOW RAILS
5 APPLIED DECOR STRIPS ON NORTH FACING ROOFS ONLY.
2, 6 OVERHANG AT LOW ROOF BELOW



N

1 A2.01 **Roof Plan**
SCALE: 1/8" = 1'-0"

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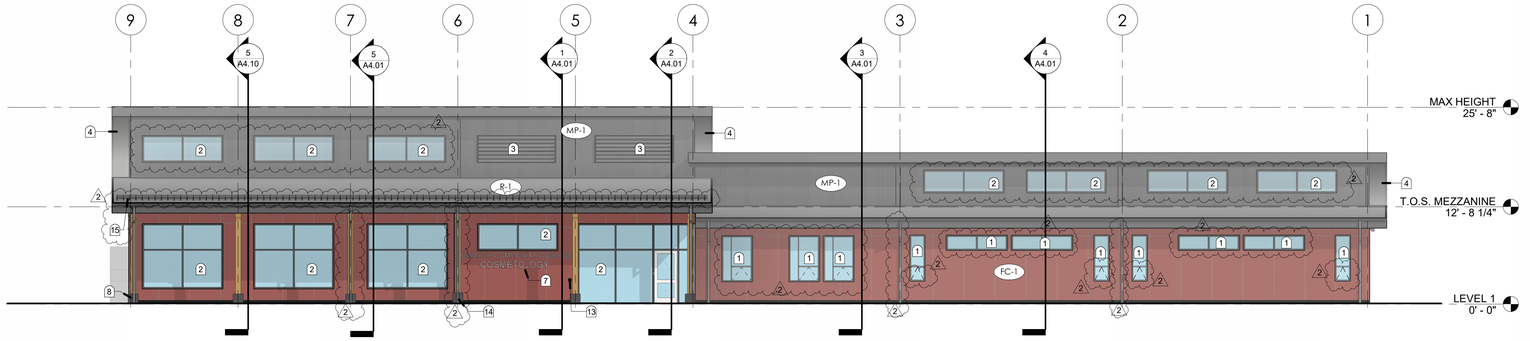
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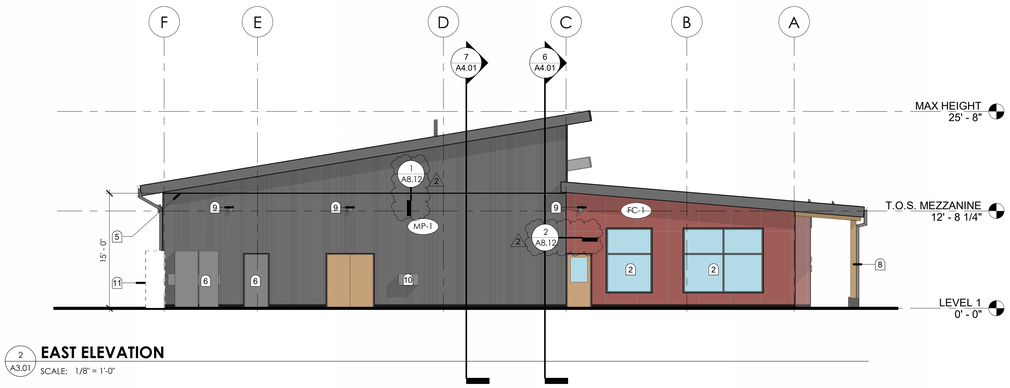
OVERALL ROOF PLAN

A2.01

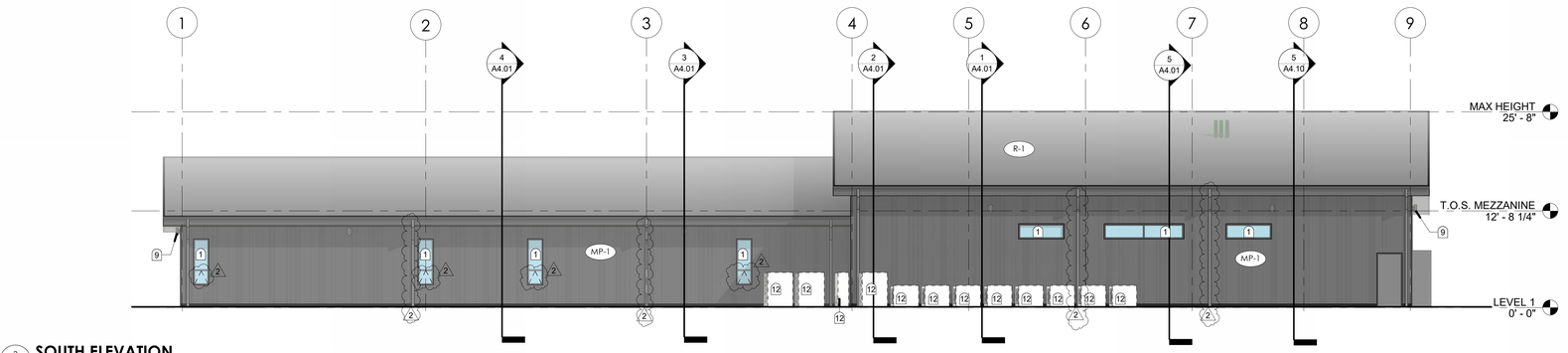
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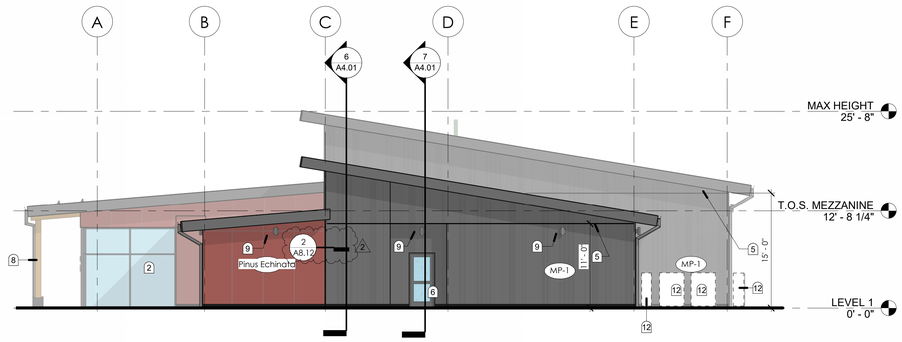
1 A3.01 **NORTH ELEVATION**
SCALE: 1/8" = 1'-0"



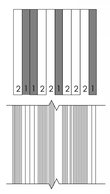
2 A3.01 **EAST ELEVATION**
SCALE: 1/8" = 1'-0"



3 A3.01 **SOUTH ELEVATION**
SCALE: 1/8" = 1'-0"



4 A3.01 **WEST ELEVATION**
SCALE: 1/8" = 1'-0"



5 A3.01 **MP-1 PANEL PATTERN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES

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B. SEE SHEET G0.04 FOR WALL TYPES
C. SEE SHEET A8.01 FOR DOOR SCHEDULE
D. PLAN DIMENSIONS ARE MEASURED FROM THE OUTSIDE FACE OF STUDS / FACE OF CONCRETE ON EXTERIOR WALLS TO THE CENTER LINES OF INTERIOR WALLS AND OPENINGS U.N.O.
E. GRID LINES ALIGN WITH FACE OF STUD U.N.O.
F. ALL EXTERIOR WALLS ARE TYPE xx U.N.O.
G. ALL INTERIOR WALLS ARE TYPE xx U.N.O.
H. SHEET IS INTENDED TO BE PRINTED AND VIEWED IN COLOR

EXTERIOR KEYNOTES

1 VINYL WINDOW, TYP.
2 STOREFRONT
3 MECHANICAL LOUVER
4 MP-2 SOFFIT, TYP
5 METAL PANEL BREAK
6 HOLLOW METAL DOOR
7 RAISED METAL SIGNAGE
8 GLULAM COLUMNS, TYP
9 EXTERIOR LIGHT FIXTURE
10 GAS METER
11 ELECTRICAL EQUIPMENT
12 HEAT PUMP, TYP
13 RECESSED KNOX-BOX 3200 SERIES. VERIFY FINAL LOCATION WITH ARCHITECT AND AHJ.
14 CONCRETE PEDESTAL COLUMN BASE, TYP.
15 SNOW RAILS

EXTERIOR FINISH LEGEND

SPEC SECTION	MATERIAL	ABBREVIATION	MANUFACTURER	MODEL NAME/ #	FINISH/COLOR	COMMENTS
04 4200	**UNIT MASONRY**					
		CMU-1	WILLAMETTE GREYSTONE	STRUCTURAL	GRAY (NATURAL)	SMOOTH FACE
07 4213	**METAL WALL AND SOFFIT PANELS**					
	METAL WALL PANEL	MP-1	AEP SPAN	FLEX SERIES	FACTORY FINISH; COLOR TBD	
	METAL SOFFIT PANEL	MP-2	AEP SPAN	FLUSH PANEL	FACTORY FINISH; COLOR TBD	NON-VENTED, INCLUDE 2 PENCIL RIBS
07 4646	**FIBER CEMENT SIDING**					
	FIBER CEMENT WALL PANEL	FC-1	SWISSPEARL	ZENOR	THROUGH COLORED: 33106	
	FIBER CEMENT WALL PANEL (ALT #6)	FC-1	HARDIE ARCHITECTURAL PANEL		FACTORY PRIMED AND FIELD PAINTED	SEE COVER PAGE FOR DEDUCT ALT #6 DESCRIPTION
07 5419	**MEMBRANE ROOFING**					
	TPO OR PVC ROOFING	R-1			EXPOSED FACE COLOR: GRAY	WITH DECORATIVE STANDING SEAM STRIPS
07 6200	**SHEET METAL FLASHING & TRIM**					
	SHEET METAL FASCIA	--			PREFINISHED - MATCH BACKGROUND COLOR OF ADJACENT MATERIALS	
	SHEET METAL OPENING TRIM				PREFINISHED - MATCH BACKGROUND COLOR OF ADJACENT MATERIALS	
	GUTTER & DOWNSPOUTS				PREFINISHED - MATCH BACKGROUND COLOR OF ADJACENT MATERIALS	
08 1113	**HOLLOW METAL DOORS AND FRAMES**					
	HOLLOW METAL DOOR	--			PAINTED - COLOR TBD	
	HOLLOW METAL FRAME	--			PAINTED - COLOR TBD	
09 9000	**PAINTING**					
	EXTERIOR COLORS	P-8	BENJAMIN MOORE		SW7069 IRON ORE	

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REGISTERED ARCHITECT
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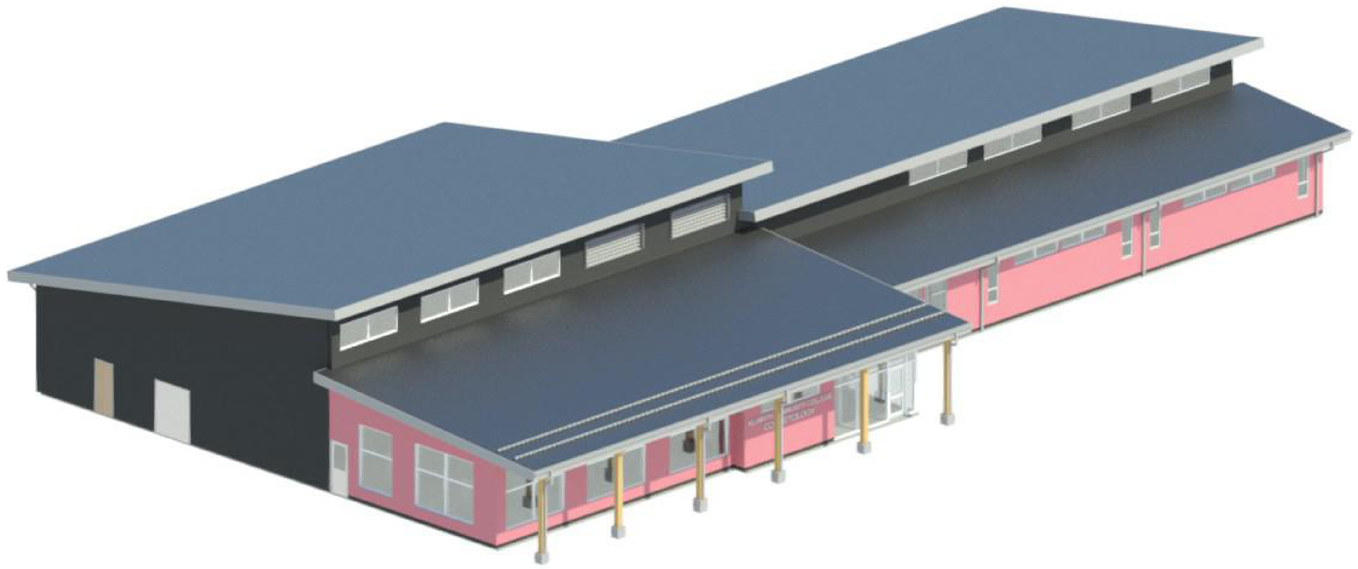
EXTERIOR ELEVATIONS

A3.01

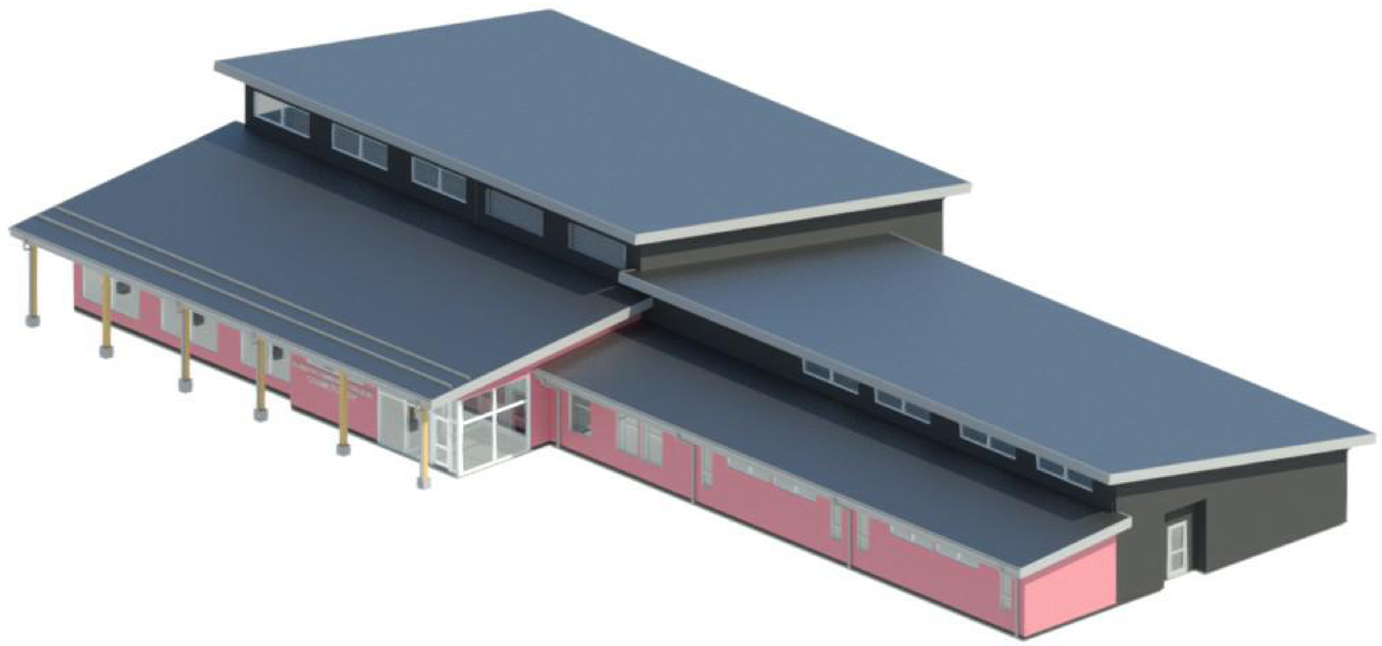
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GENERAL NOTES

A. SHEET IS INTENDED TO BE PRINTED AND VIEWED IN COLOR
B. AXON DRAWINGS ARE FOR GENERAL REFERENCE ONLY AND NOT FOR CONSTRUCTION PURPOSES.



3D AXON VIEW - FROM NORTHEAST



3D AXON VIEW - FROM NORTHWEST

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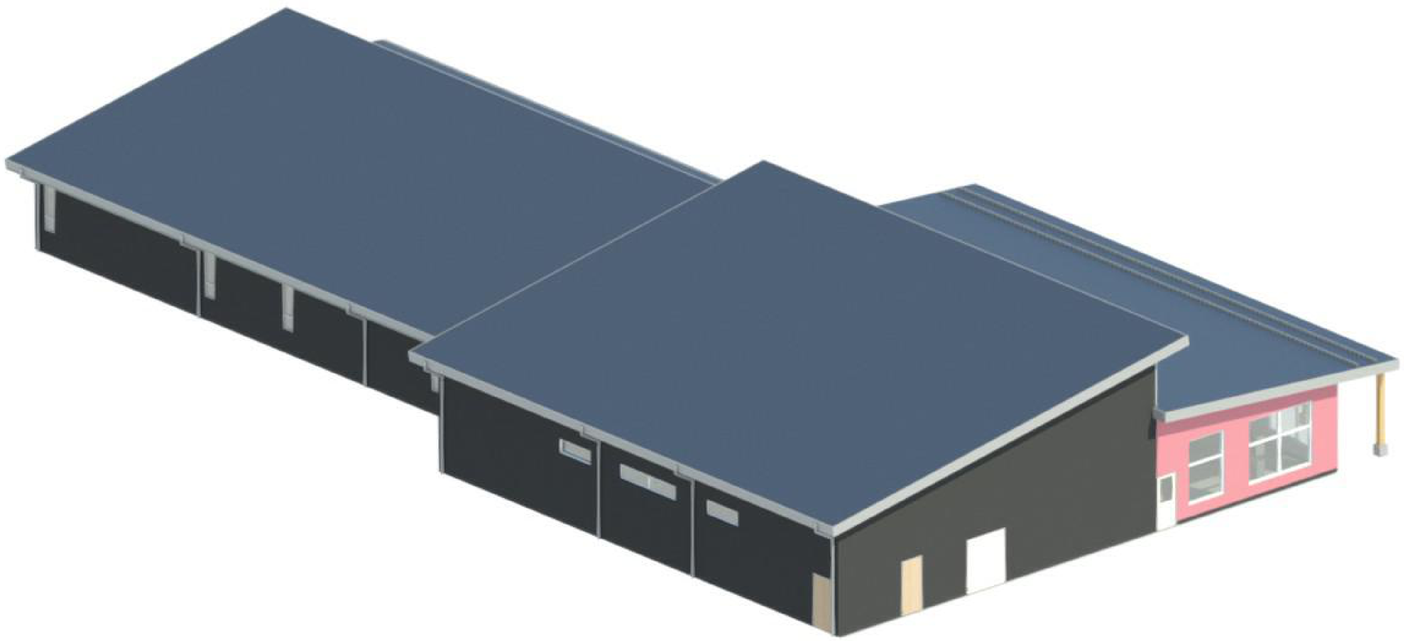
3D AXONOMETRIC VIEWS

A3.10

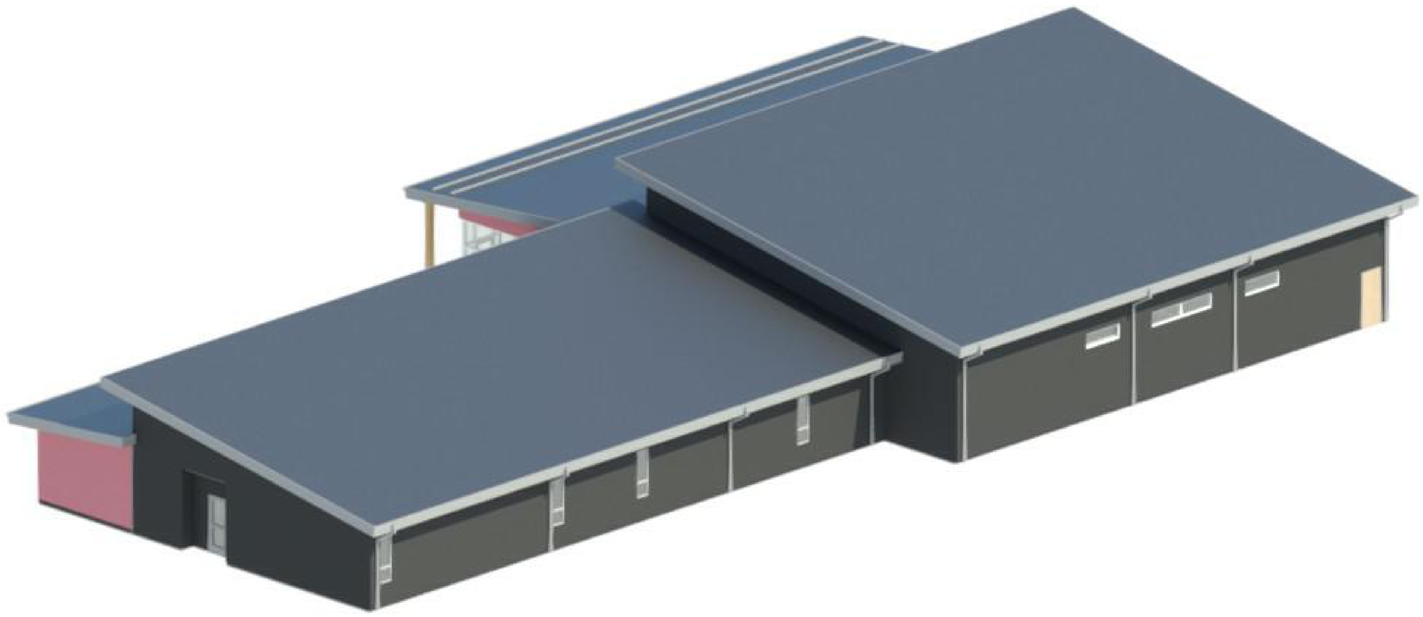
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3D AXON VIEW - FROM SOUTHEAST



3D AXON VIEW - FROM SOUTHWEST

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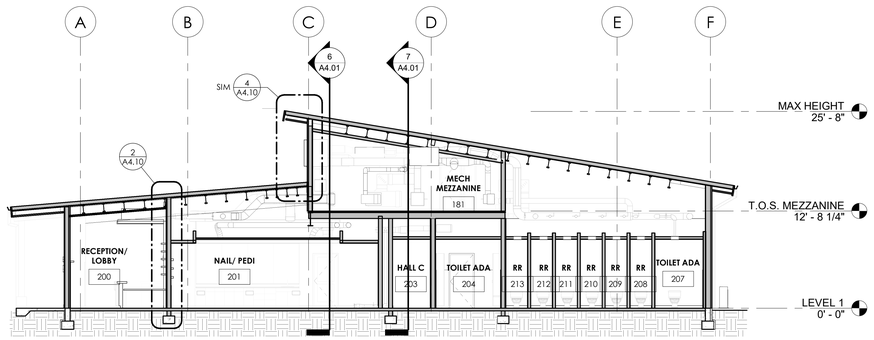
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3D AXONOMETRIC VIEWS

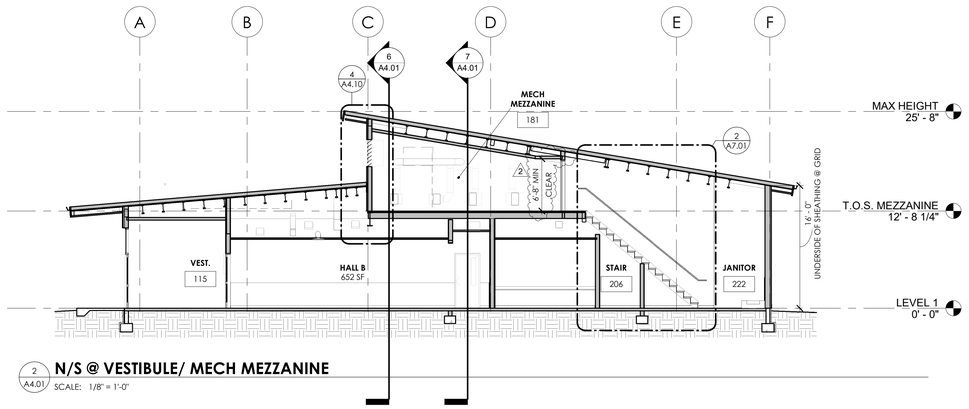
A3.11

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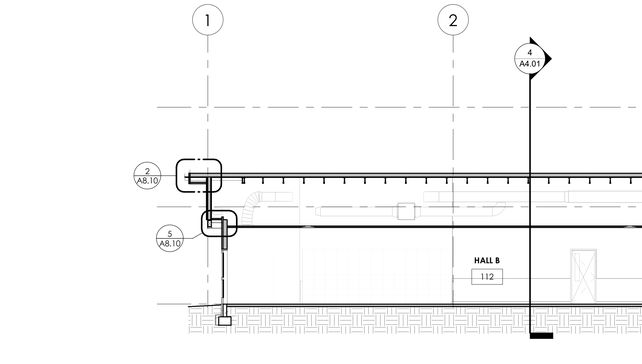
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1 A4.01 **N/S @ RECEPTION/ NAIL**
SCALE: 1/8" = 1'-0"



2 A4.01 **N/S @ VESTIBULE/ MECH MEZZANINE**
SCALE: 1/8" = 1'-0"

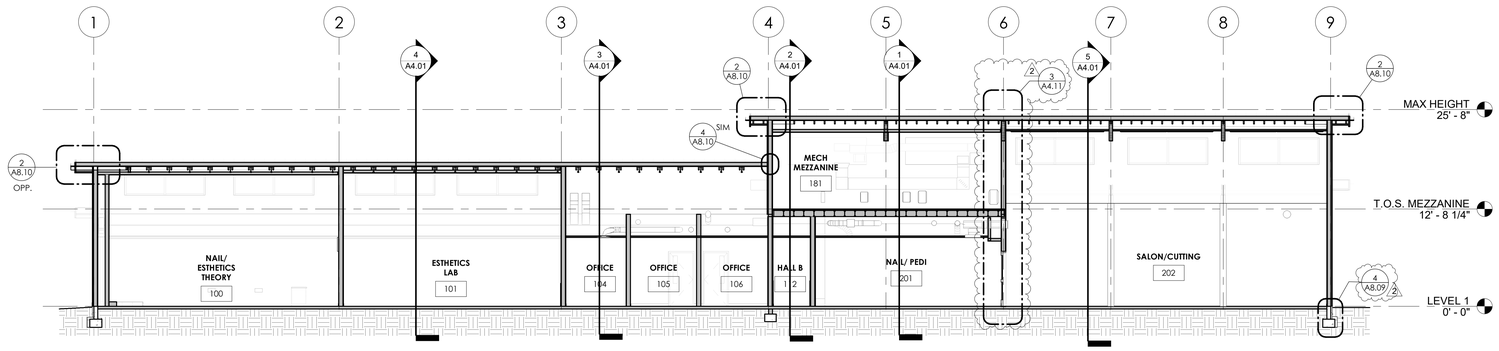


3 A4.01 **N/S @ OFFICES/CLASSROOM**
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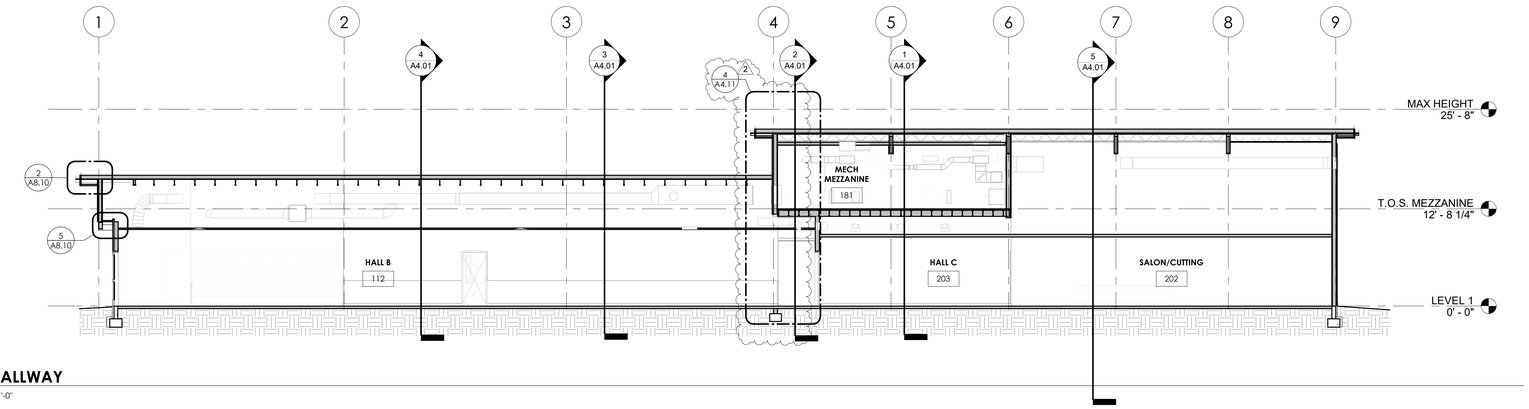
4 A4.01 **N/S @ CLASSROOM**
SCALE: 1/8" = 1'-0"



5 A4.01 **N/S @ CUTTING**
SCALE: 1/8" = 1'-0"



6 A4.01 **E/W @ CLASSROOM/ SALON**
SCALE: 1/8" = 1'-0"



7 A4.01 **E/W @ HALLWAY**
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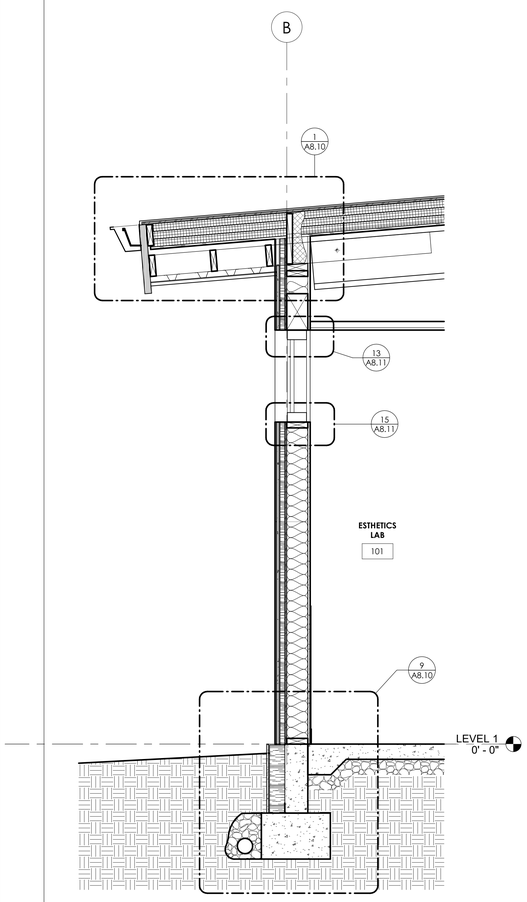
Project Number 2507
Date 3/16/2026

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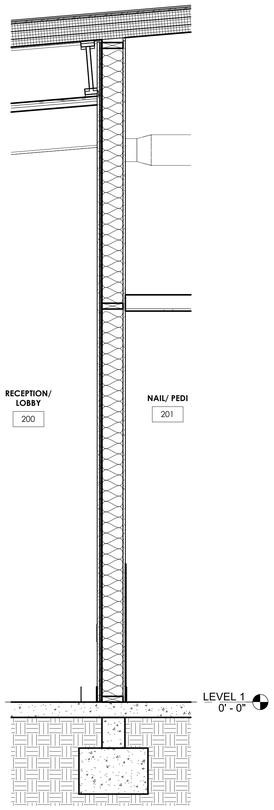
BUILDING SECTIONS

A4.01

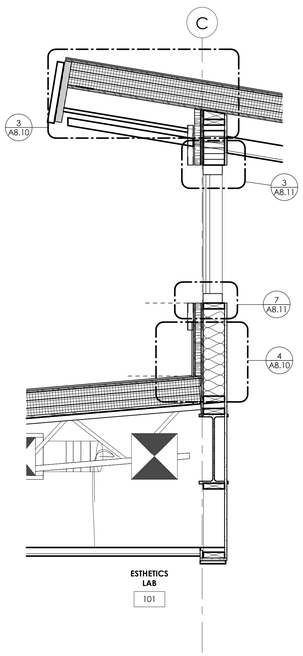
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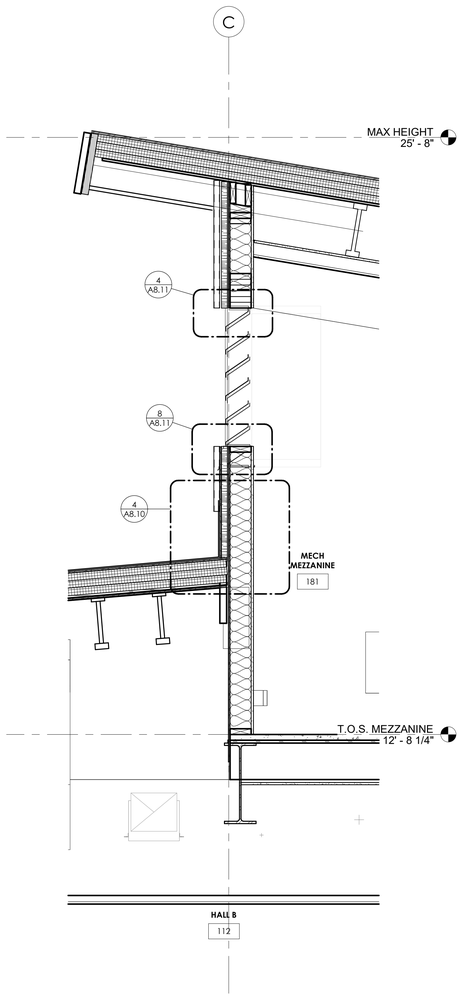
1 A4.10 **WALL SECTION @ GL-B (TYP. AT CLASSROOM WING)**
SCALE: 3/4" = 1'-0"



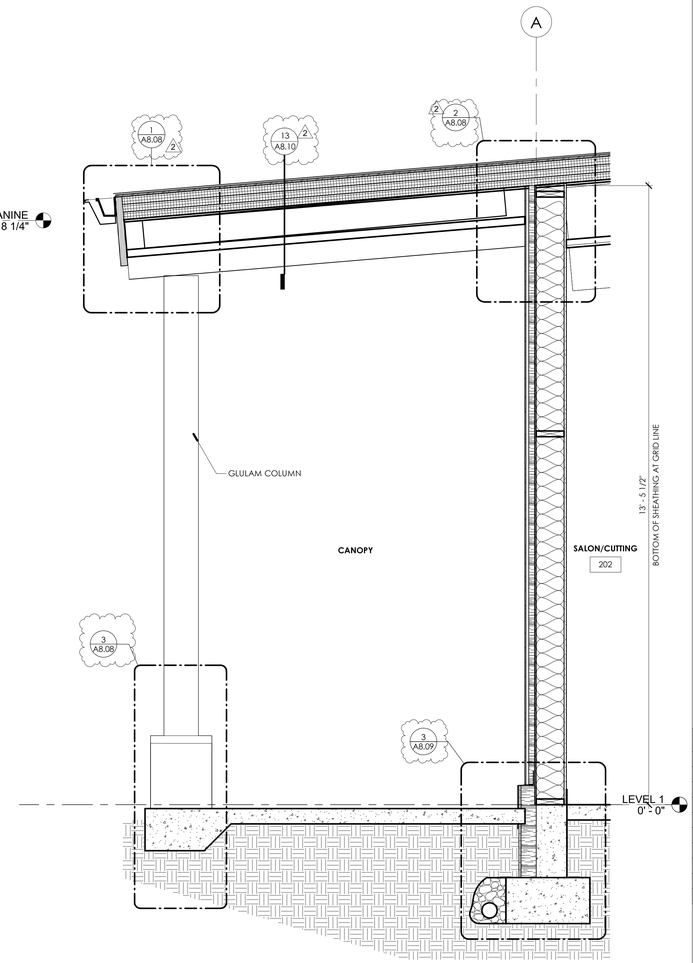
2 A4.10 **N/S @RECEPTION/NAIL**
SCALE: 3/4" = 1'-0"



3 A4.10 **WALL SECTION @ GL-C (TYP. AT CLERESTORY)**
SCALE: 3/4" = 1'-0"



4 A4.10 **WALL SECTION @ GL-C (TYP. AT LOUVER)**
SCALE: 3/4" = 1'-0"



5 A4.10 **SECTION AT CANOPY**
SCALE: 3/4" = 1'-0"

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12047
STATE OF OREGON

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7390 S 6TH STREET
KLAMATH FALLS, OR
97603

No.	Description	Date
2	Addendum #2	4/9/26

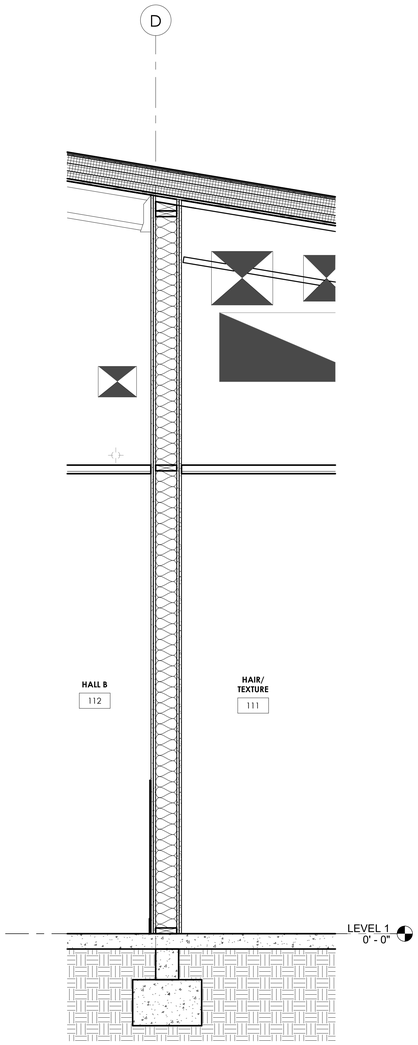
Project Number 2507
Date 3/16/2026

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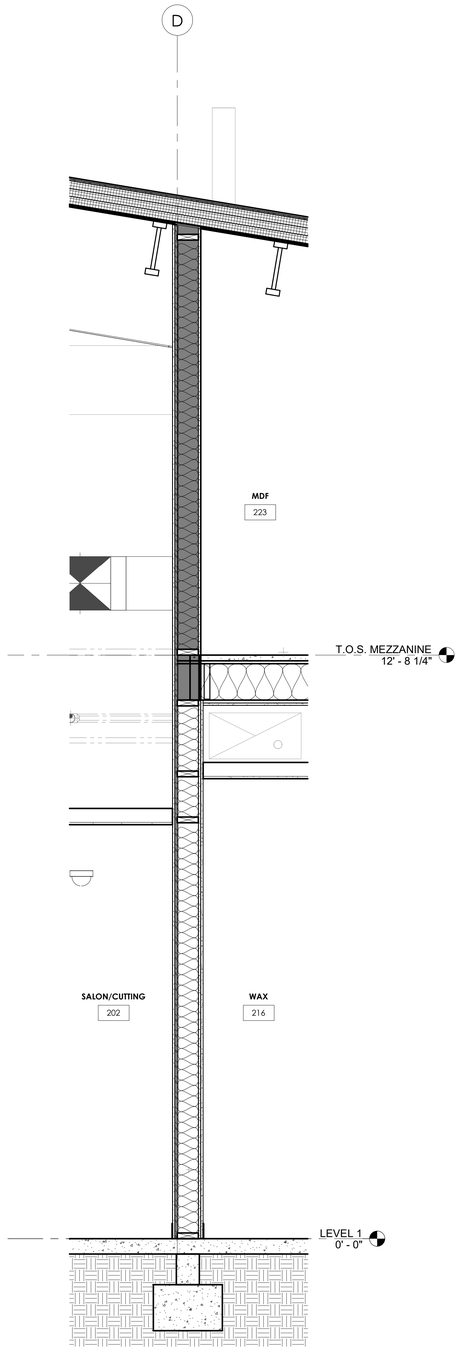
WALL SECTIONS

A4.10

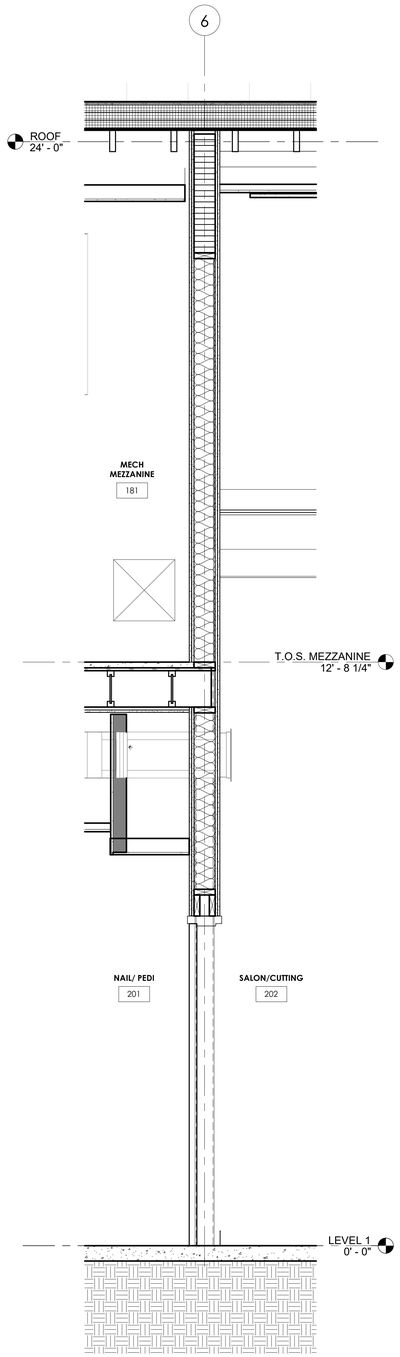
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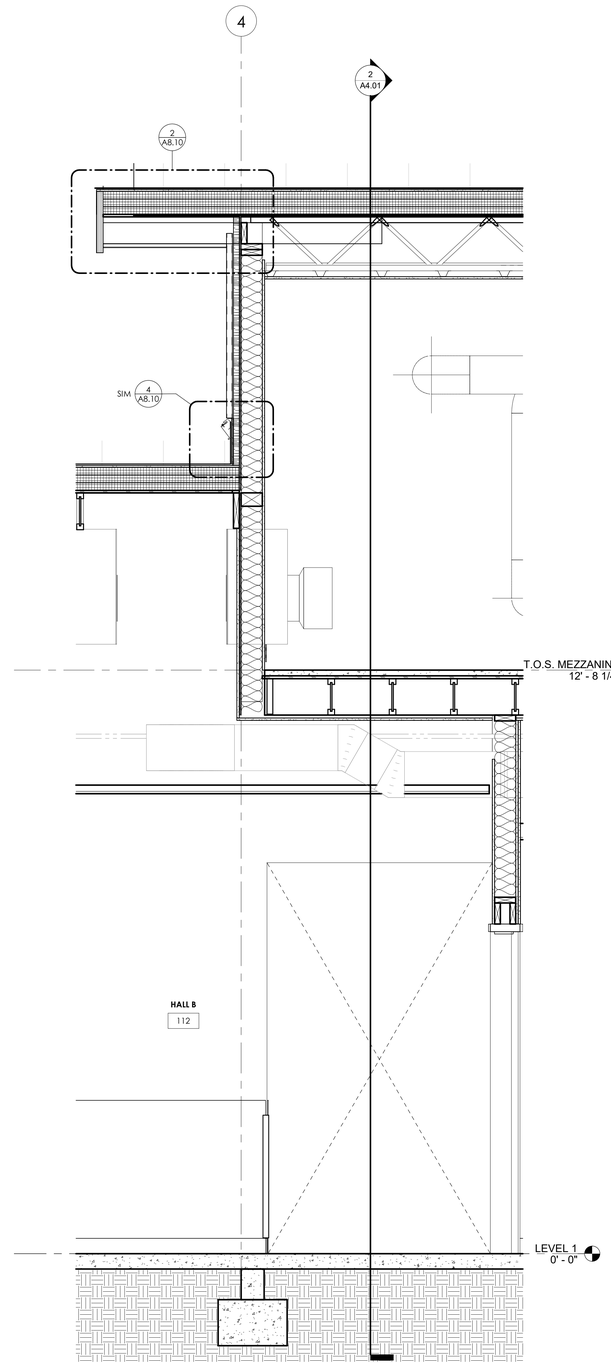
1 A4.11 **N/S @ GRID D/HALL B**
SCALE: 3/4" = 1'-0"



2 A4.11 **N/S @ WAX**
SCALE: 3/4" = 1'-0"



3 A4.11 **E/W @ SALON**
SCALE: 3/4" = 1'-0"



4 A4.11 **E/W @ HALL B**
SCALE: 3/4" = 1'-0"

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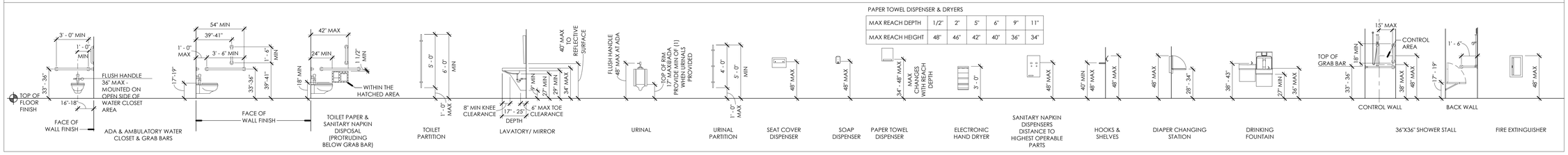
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WALL SECTIONS

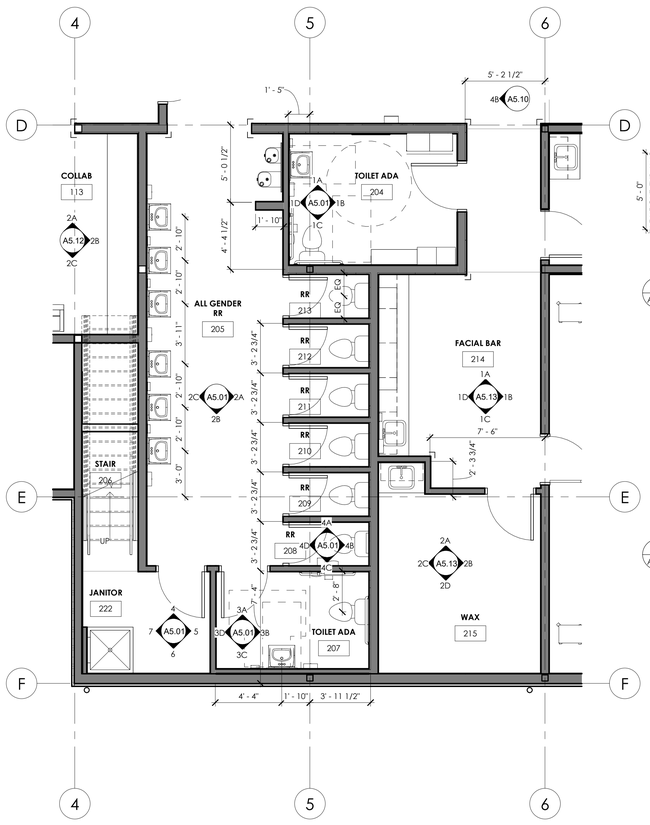
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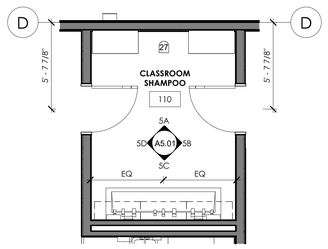
ADA STANDARDS: GENERAL REQUIREMENTS FOR RESTROOM FIXTURES AND ACCESSORIES



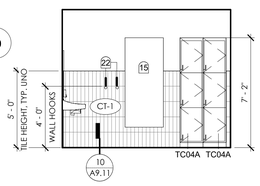
1 A5.01 **ADA STANDARDS**
SCALE: 1/4" = 1'-0"



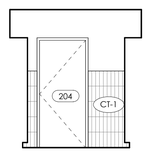
2 A5.01 **ENLARGED RESTROOM PLAN**
SCALE: 1/4" = 1'-0"



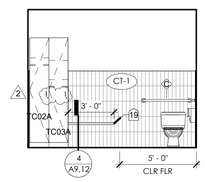
3 A5.01 **ENLARGED CLASSROOM SHAMPOO 110 PLAN**
SCALE: 1/4" = 1'-0"



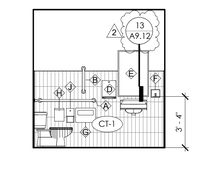
1A A5.01 **TOILET ADA 204**
SCALE: 1/4" = 1'-0"



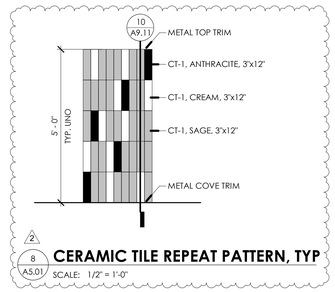
1B A5.01 **TOILET ADA 204**
SCALE: 1/4" = 1'-0"



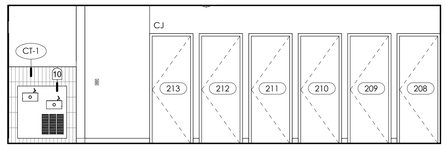
1C A5.01 **TOILET ADA 204**
SCALE: 1/4" = 1'-0"



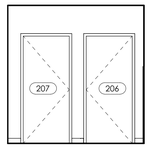
1D A5.01 **TOILET ADA 204**
SCALE: 1/4" = 1'-0"



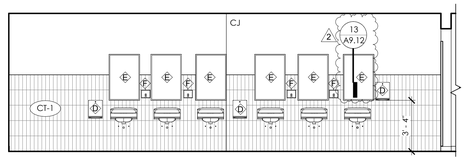
8 A5.01 **CERAMIC TILE REPEAT PATTERN, TYP**
SCALE: 1/2" = 1'-0"



2A A5.01 **ALL GENDER RR 205**
SCALE: 1/4" = 1'-0"



2B A5.01 **ALL GENDER RR 205**
SCALE: 1/4" = 1'-0"



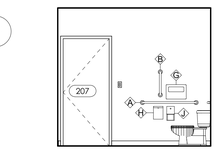
2C A5.01 **ALL GENDER RR 205**
SCALE: 1/4" = 1'-0"

INTERIOR KEYNOTES

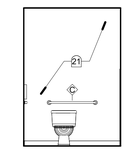
1 SMART TV, OFOI. CONTRACTOR TO PROVIDE BLOCKING
2 PEDICURE SOURCE-CAPTURE VENTILATION
3 MIRROR 50" x 42"
4 MIRROR 50" x 32"
5 CONCEALED BRACKET DISPLAY SHELVES, 8" DEPTH
6 SS-2 COUNTERTOP
7 RAISED METAL SIGNAGE, OFOI. CONTRACTOR TO PROVIDE BLOCKING
8 DOUBLE SIDED CASEWORK ISLAND
9 PL-1 COUNTERTOP, SS-3 BID ALTERNATE
10 DRINKING FOUNTAIN
11 COUNTER BRACKETS @ 24" O.C.
12 PRINTER, OFOI
13 STUDENT LOCKERS
14 SHELVING, OFOI. CONTRACTOR TO PROVIDE BLOCKING
15 MIRROR 70" X 30"
16 CURTAIN
17 STYLING CHAIRS, SEE A8.01 FOR SPECIALTY EQUIPMENT SCHEDULE
18 LAUNDRY BINS, OFOI
19 COMPACT LAMINATE BENCH W/ STUD MOUNTED SUPPORTS
20 ADJUSTABLE SHELVING, CFCI. CONTRACTOR TO PROVIDE BLOCKING
21 PAINT WALL ACCENT COLOR, P-3
22 WALL MOUNTED COAT HOOKS, MOUNT AT 4'-0" MAX.
23 TACK/MARKER BOARD, OFOI. CONTRACTOR TO PROVIDE BLOCKING
24 FIRE EXTINGUISHER CABINET
25 PAINT WALL ACCENT COLOR, P-6
26 VENDING MACHINE, OFOI
27 SEE A8.01 FOR SPECIALTY EQUIPMENT SCHEDULE. CONTRACTOR TO PROVIDE BLOCKING FOR WALL-MOUNTED EQUIPMENT
28 THIS PORTION OF WALL TO BE PAINTED P-7
29 PAINT ACCENT WALL ABOVE WALL PANEL, P-6
30 REFRIGERATOR, OFOI
31 PAINT WALL ACCENT COLOR, P-5
32 MONITOR, OFOI. CONTRACTOR TO PROVIDE BLOCKING
33 MOP SINK
34 PL-3 COUNTERTOP, SS-1 BID ALTERNATE
35 CONCEALED BRACKET DISPLAY SHELF, 6" DEPTH
36 STACK WASHER/DRYER, OFCI
37 FULL-HEIGHT BACKSPLASH, MATCH COUNTERTOP FINISH & COLOR
38 PROVIDE GROMMET IN COUNTER FOR POWER ACCESS

TOILET ACCESSORIES

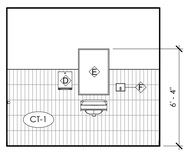
A	GRAB BAR 42"	CFCI
B	GRAB BAR 18"	CFCI
C	GRAB BAR 36"	CFCI
D	PAPER TOWEL DISPENSER	OFOI
E	MIRROR - 24" x 36"	CFCI
F	SOAP DISPENSER	OFOI
G	SEAT COVER DISPENSER	OFOI
H	SANITARY NAPKIN DISPOSAL	CFCI
J	TOILET PAPER DISPENSER	OFOI



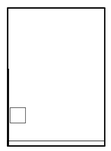
3A A5.01 **TOILET ADA 207**
SCALE: 1/4" = 1'-0"



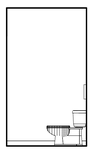
3B A5.01 **TOILET ADA 207**
SCALE: 1/4" = 1'-0"



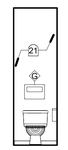
3C A5.01 **TOILET ADA 207**
SCALE: 1/4" = 1'-0"



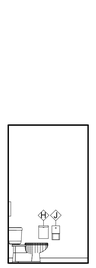
3D A5.01 **TOILET ADA 207**
SCALE: 1/4" = 1'-0"



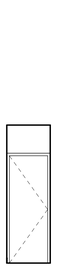
4A A5.01 **RR STALL, TYP**
SCALE: 1/4" = 1'-0"



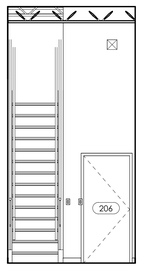
4B A5.01 **RR STALL, TYP**
SCALE: 1/4" = 1'-0"



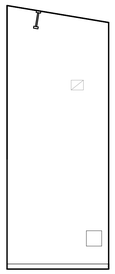
4C A5.01 **RR STALL, TYP**
SCALE: 1/4" = 1'-0"



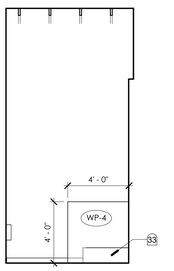
4D A5.01 **RR STALL, TYP**
SCALE: 1/4" = 1'-0"



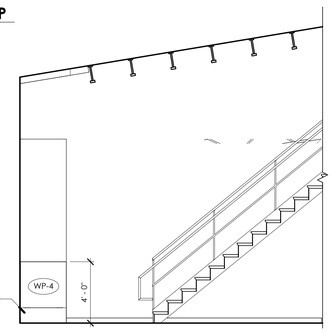
4 A5.01 **JANITOR 222**
SCALE: 1/4" = 1'-0"



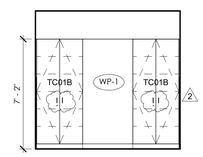
5 A5.01 **JANITOR 222**
SCALE: 1/4" = 1'-0"



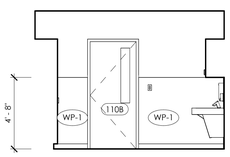
6 A5.01 **JANITOR 222**
SCALE: 1/4" = 1'-0"



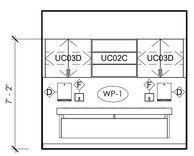
7 A5.01 **JANITOR 222**
SCALE: 1/4" = 1'-0"



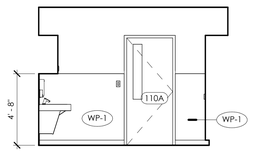
5A A5.01 **CLASSROOM SHAMPOO 110**
SCALE: 1/4" = 1'-0"



5B A5.01 **CLASSROOM SHAMPOO 110**
SCALE: 1/4" = 1'-0"



5C A5.01 **CLASSROOM SHAMPOO 110**
SCALE: 1/4" = 1'-0"



5D A5.01 **CLASSROOM SHAMPOO 110**
SCALE: 1/4" = 1'-0"

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No.	Description	Date
2	Addendum #2	4/9/26

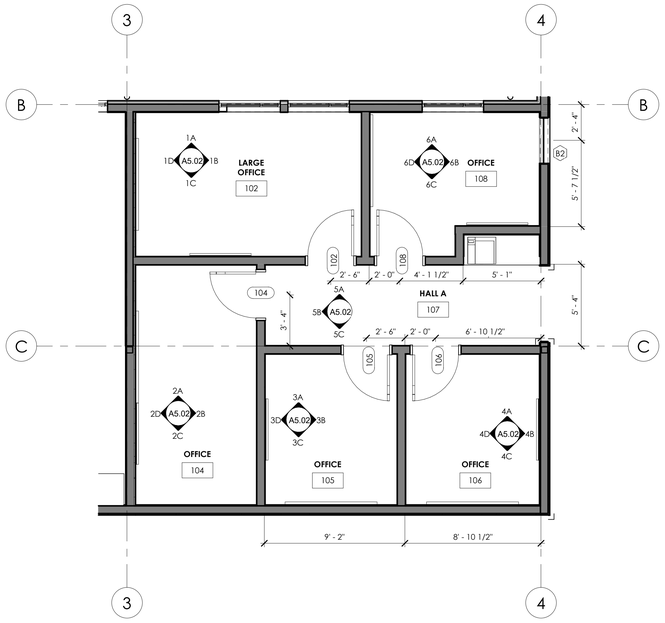
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

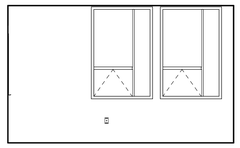
ENLARGED PLANS & ELEVATIONS

A5.01

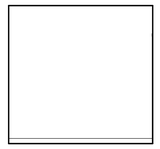
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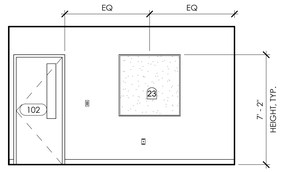
1 A5.02 **ENLARGED PLAN - OFFICES**
SCALE: 1/4" = 1'-0"



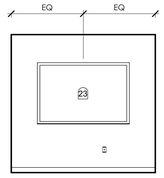
1A A5.02 **LARGE OFFICE 102**
SCALE: 1/4" = 1'-0"



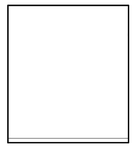
1B A5.02 **LARGE OFFICE 102**
SCALE: 1/4" = 1'-0"



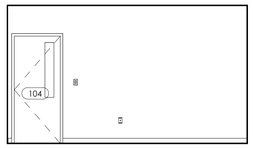
1C A5.02 **LARGE OFFICE 102**
SCALE: 1/4" = 1'-0"



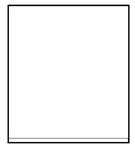
1D A5.02 **LARGE OFFICE 102**
SCALE: 1/4" = 1'-0"



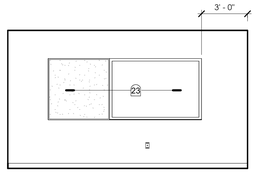
2A A5.02 **OFFICE 104**
SCALE: 1/4" = 1'-0"



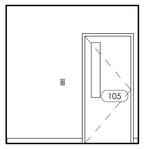
2B A5.02 **OFFICE 104**
SCALE: 1/4" = 1'-0"



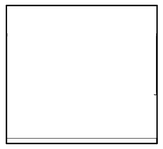
2C A5.02 **OFFICE 104**
SCALE: 1/4" = 1'-0"



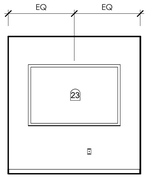
2D A5.02 **OFFICE 104**
SCALE: 1/4" = 1'-0"



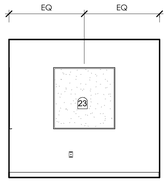
3A A5.02 **OFFICE 105**
SCALE: 1/4" = 1'-0"



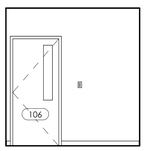
3B A5.02 **OFFICE 105**
SCALE: 1/4" = 1'-0"



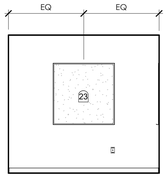
3C A5.02 **OFFICE 105**
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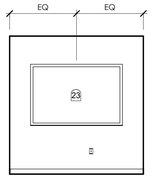
3D A5.02 **OFFICE 105**
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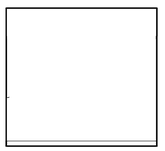
4A A5.02 **OFFICE 106**
SCALE: 1/4" = 1'-0"



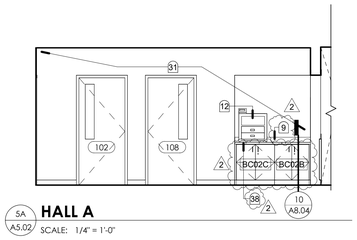
4B A5.02 **OFFICE 106**
SCALE: 1/4" = 1'-0"



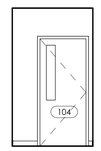
4C A5.02 **OFFICE 106**
SCALE: 1/4" = 1'-0"



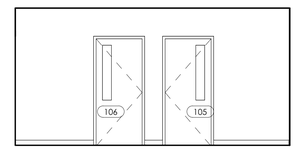
4D A5.02 **OFFICE 106**
SCALE: 1/4" = 1'-0"



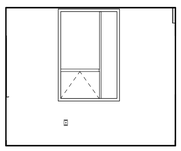
5A A5.02 **HALL A**
SCALE: 1/4" = 1'-0"



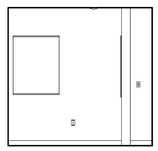
5B A5.02 **HALL A**
SCALE: 1/4" = 1'-0"



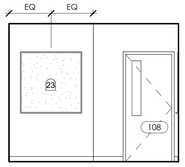
5C A5.02 **HALL A**
SCALE: 1/4" = 1'-0"



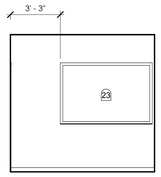
6A A5.02 **OFFICE 108**
SCALE: 1/4" = 1'-0"



6B A5.02 **OFFICE 108**
SCALE: 1/4" = 1'-0"



6C A5.02 **OFFICE 108**
SCALE: 1/4" = 1'-0"



6D A5.02 **OFFICE 108**
SCALE: 1/4" = 1'-0"

INTERIOR KEYNOTES

1	SMART TV, OFOI. CONTRACTOR TO PROVIDE BLOCKING
2	PEDICURE SOURCE-CAPTURE VENTILATION
3	MIRROR 50" x 42"
4	MIRROR 50" x 32"
5	CONCEALED BRACKET DISPLAY SHELVES, 8" DEPTH
6	SS-2 COUNTERTOP
7	RAISED METAL SIGNAGE, OFOI. CONTRACTOR TO PROVIDE BLOCKING
8	DOUBLE SIDED CASEWORK ISLAND
9	PL-1 COUNTERTOP, SS-3 BID ALTERNATE
10	DRINKING FOUNTAIN
11	COUNTER BRACKETS @ 24" O.C.
12	PRINTER, OFOI
13	STUDENT LOCKERS
14	SHELVING, OFOI. CONTRACTOR TO PROVIDE BLOCKING
15	MIRROR 70" X 30"
16	CURTAIN
17	STYLING CHAIRS, SEE A8.01 FOR SPECIALTY EQUIPMENT SCHEDULE
18	LAUNDRY BINS, OFOI
19	COMPACT LAMINATE BENCH W/ STUD MOUNTED SUPPORTS
20	ADJUSTABLE SHELVING, CFCI. CONTRACTOR TO PROVIDE BLOCKING
21	PAINT WALL ACCENT COLOR, P-3
22	WALL MOUNTED COAT HOOKS, MOUNT AT 4'-0" MAX.
23	TACK/MARKER BOARD, OFOI. CONTRACTOR TO PROVIDE BLOCKING
24	FIRE EXTINGUISHER CABINET
25	PAINT WALL ACCENT COLOR, P-6
26	VENDING MACHINE, OFOI
27	SEE A8.01 FOR SPECIALTY EQUIPMENT SCHEDULE. CONTRACTOR TO PROVIDE BLOCKING FOR WALL-MOUNTED EQUIPMENT
28	THIS PORTION OF WALL TO BE PAINTED P-7
29	PAINT ACCENT WALL ABOVE WALL PANEL, P-6
30	REFRIGERATOR, OFOI
31	PAINT WALL ACCENT COLOR, P-5
32	MONITOR, OFOI. CONTRACTOR TO PROVIDE BLOCKING
33	MOP SINK
34	PL-3 COUNTERTOP, SS-1 BID ALTERNATE
35	CONCEALED BRACKET DISPLAY SHELF, 6" DEPTH
36	STACK WASHER/DRYER, OFCI
37	FULL-HEIGHT BACKSPLASH, MATCH COUNTERTOP FINISH & COLOR
38	PROVIDE GROMMET IN COUNTER FOR POWER ACCESS

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REGISTERED ARCHITECT
Kyle Burke
Bend, OR
12047
STATE OF OREGON

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR
97603

No.	Description	Date
2	Addendum #2	4/9/26

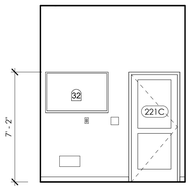
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

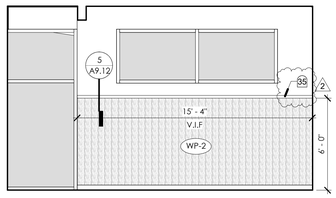
ENLARGED PLANS & ELEVATIONS

A5.02

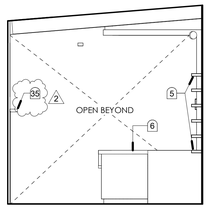
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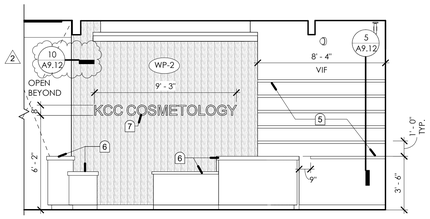
1A A5.10 **VESTIBULE - C**
SCALE: 1/4" = 1'-0"



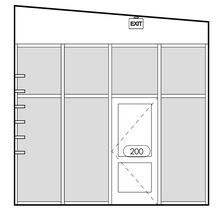
2A A5.10 **RECEPTION/LOBBY 200**
SCALE: 1/4" = 1'-0"



2B A5.10 **RECEPTION/LOBBY 200**
SCALE: 1/4" = 1'-0"



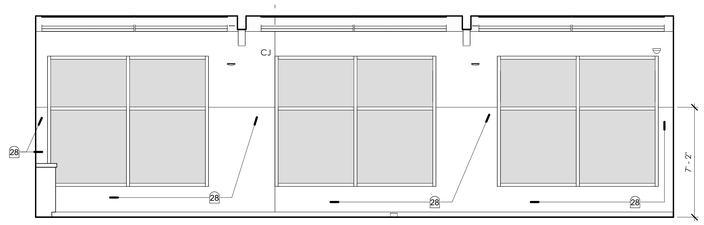
2C A5.10 **RECEPTION/LOBBY 200**
SCALE: 1/4" = 1'-0"



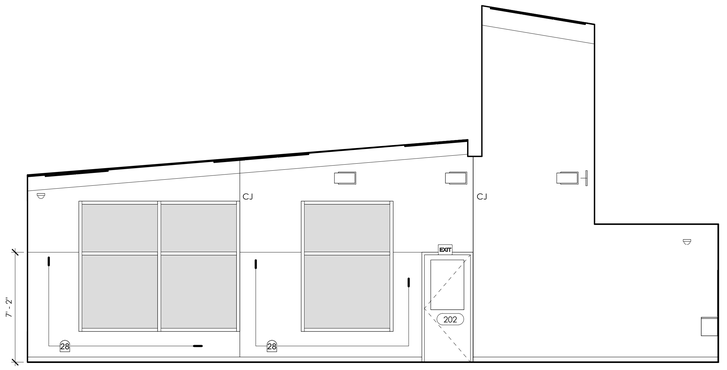
2D A5.10 **RECEPTION/LOBBY 200**
SCALE: 1/4" = 1'-0"

INTERIOR KEYNOTES

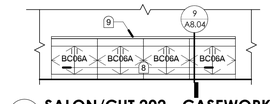
	1	SMART TV, OFOI. CONTRACTOR TO PROVIDE BLOCKING
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	22	WALL MOUNTED COAT HOOKS, MOUNT AT 4'-0" MAX.
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	25	PAINT WALL ACCENT COLOR, P-6
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	34	PL-3 COUNTERTOP, SS-1 BID ALTERNATE
2	35	CONCEALED BRACKET DISPLAY SHELF, 6" DEPTH
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2	37	FULL-HEIGHT BACKSPLASH, MATCH COUNTERTOP FINISH & COLOR
	38	PROVIDE GROMMET IN COUNTER FOR POWER ACCESS



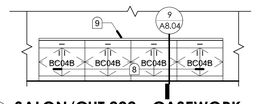
3A A5.10 **SALON/CUT 202**
SCALE: 1/4" = 1'-0"



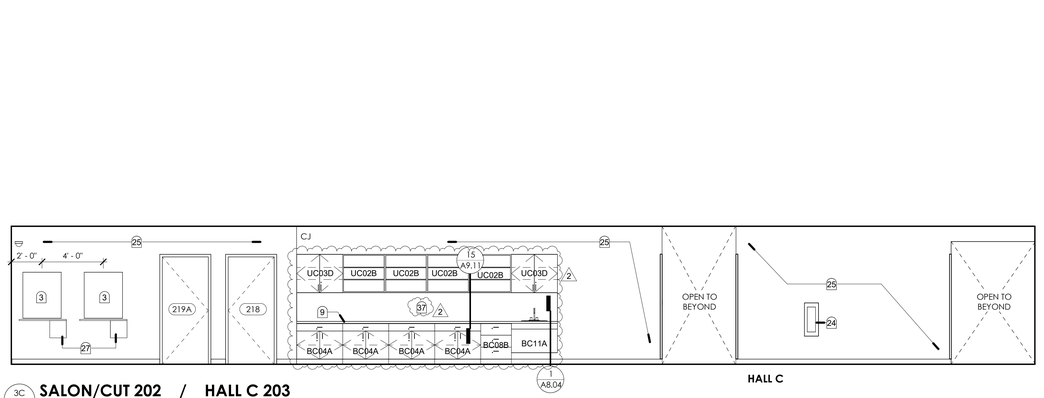
3B A5.10 **SALON/CUT 202**
SCALE: 1/4" = 1'-0"



3E A5.10 **SALON/CUT 202 - CASEWORK**
SCALE: 1/4" = 1'-0"

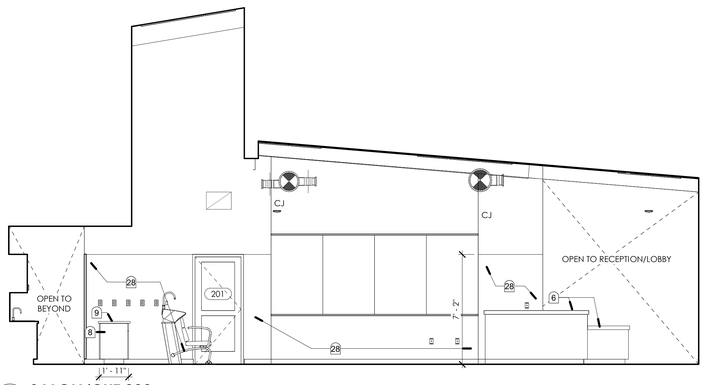


3F A5.10 **SALON/CUT 202 - CASEWORK**
SCALE: 1/4" = 1'-0"

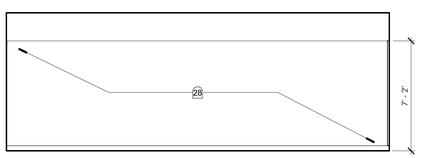


HALL C

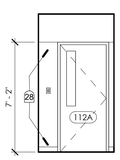
3C A5.10 **SALON/CUT 202 / HALL C 203**
SCALE: 1/4" = 1'-0"



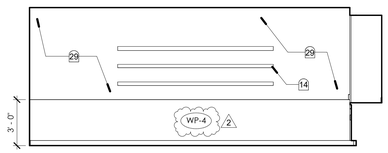
3D A5.10 **SALON/CUT 202**
SCALE: 1/4" = 1'-0"



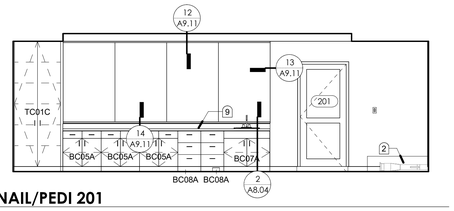
4A A5.10 **HALL C 203 - A**
SCALE: 1/4" = 1'-0"



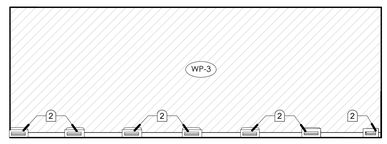
4B A5.10 **HALL C 203**
SCALE: 1/4" = 1'-0"



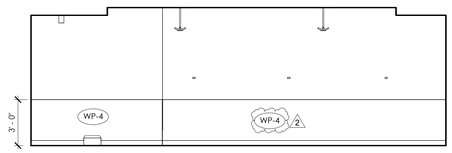
5A A5.10 **NAIL/PEDI 201**
SCALE: 1/4" = 1'-0"



5B A5.10 **NAIL/PEDI 201**
SCALE: 1/4" = 1'-0"



5C A5.10 **NAIL/PEDI 201**
SCALE: 1/4" = 1'-0"



5D A5.10 **NAIL/PEDI 201**
SCALE: 1/4" = 1'-0"

BBT ARCHITECTS
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KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR
97603

No.	Description	Date
2	Addendum #2	4/9/26

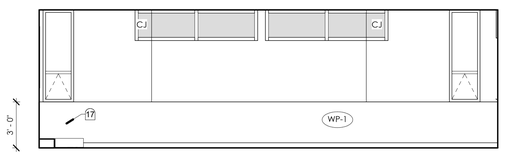
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

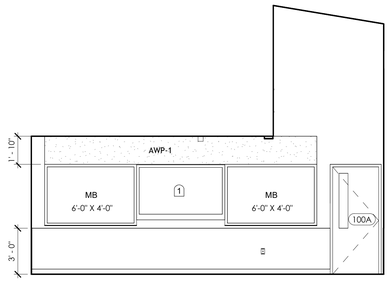
INTERIOR ELEVATIONS

A5.10

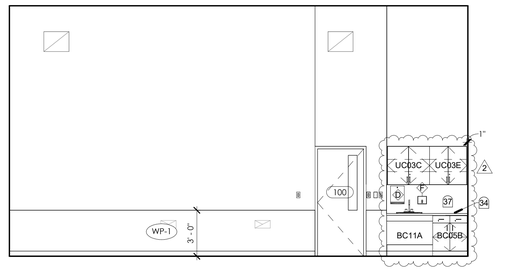
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1A A5.11 **NAIL/ESTHETICS THEORY 100**
SCALE: 1/4" = 1'-0"



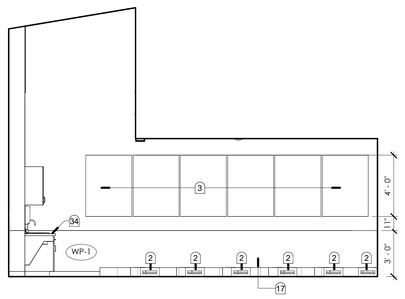
1B A5.11 **NAIL/ESTHETICS THEORY 100**
SCALE: 1/4" = 1'-0"



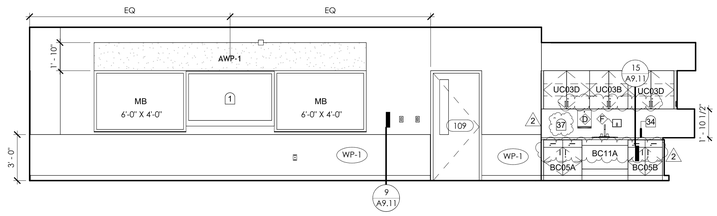
1C A5.11 **NAIL/ESTHETICS THEORY 100**
SCALE: 1/4" = 1'-0"

INTERIOR KEYNOTES

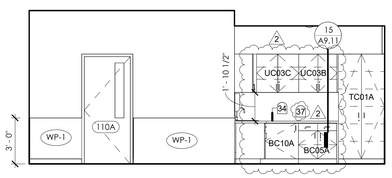
1	SMART TV, OFOI. CONTRACTOR TO PROVIDE BLOCKING
2	PEDICURE SOURCE-CAPTURE VENTILATION
3	MIRROR 50" x 42"
4	MIRROR 50" x 32"
5	CONCEALED BRACKET DISPLAY SHELVES, 8" DEPTH
6	SS-2 COUNTERTOP
7	RAISED METAL SIGNAGE, OFOI. CONTRACTOR TO PROVIDE BLOCKING
8	DOUBLE SIDED CASEWORK ISLAND
9	PL-1 COUNTERTOP, SS-3 BID ALTERNATE
10	DRINKING FOUNTAIN
11	COUNTER BRACKETS @ 24" O.C.
12	PRINTER, OFOI
13	STUDENT LOCKERS
14	SHELVING, OFOI. CONTRACTOR TO PROVIDE BLOCKING
15	MIRROR 70" X 30"
16	CURTAIN
17	STYLING CHAIRS, SEE A8.01 FOR SPECIALTY EQUIPMENT SCHEDULE
18	LAUNDRY BINS, OFOI
19	COMPACT LAMINATE BENCH W/ STUD MOUNTED SUPPORTS
20	ADJUSTABLE SHELVING, CFCI, CONTRACTOR TO PROVIDE BLOCKING
21	PAINT WALL ACCENT COLOR, P-3
22	WALL MOUNTED COAT HOOKS, MOUNT AT 4'-0" MAX.
23	TACK/MARKER BOARD, OFOI. CONTRACTOR TO PROVIDE BLOCKING
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25	PAINT WALL ACCENT COLOR, P-6
26	VENDING MACHINE, OFOI
27	SEE A8.01 FOR SPECIALTY EQUIPMENT SCHEDULE. CONTRACTOR TO PROVIDE BLOCKING FOR WALL-MOUNTED EQUIPMENT
28	THIS PORTION OF WALL TO BE PAINTED P-7
29	PAINT ACCENT WALL ABOVE WALL PANEL, P-6
30	REFRIGERATOR, OFOI
31	PAINT WALL ACCENT COLOR, P-5
32	MONITOR, OFOI. CONTRACTOR TO PROVIDE BLOCKING
33	MOP SINK
34	PL-3 COUNTERTOP, SS-1 BID ALTERNATE
35	CONCEALED BRACKET DISPLAY SHELF, 6" DEPTH
36	STACK WASHER/DRYER, OFCI
37	FULL-HEIGHT BACKSPLASH, MATCH COUNTERTOP FINISH & COLOR
38	PROVIDE GROMMET IN COUNTER FOR POWER ACCESS



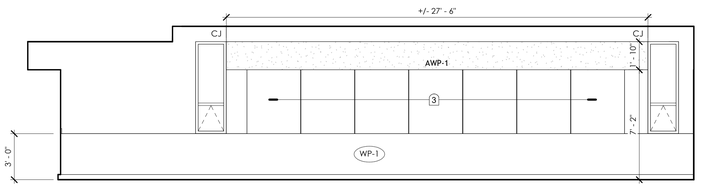
1D A5.11 **NAIL/ESTHETICS THEORY 100**
SCALE: 1/4" = 1'-0"



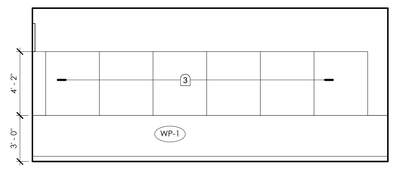
2A A5.11 **BARBER/COLOR THEORY 109**
SCALE: 1/4" = 1'-0"



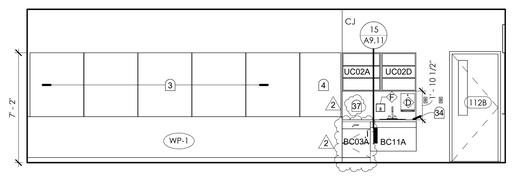
2B A5.11 **BARBER/COLOR THEORY 109**
SCALE: 1/4" = 1'-0"



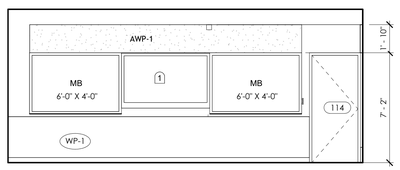
2C A5.11 **BARBER/COLOR THEORY 109**
SCALE: 1/4" = 1'-0"



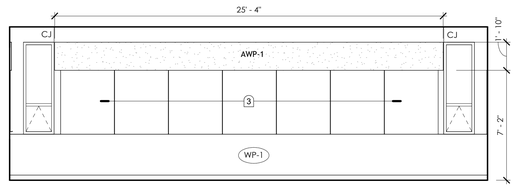
2D A5.11 **BARBER/COLOR THEORY 109**
SCALE: 1/4" = 1'-0"



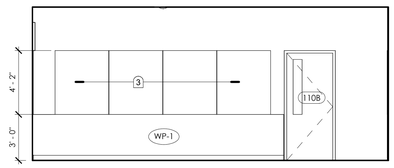
3A A5.11 **HAIR/TEXTURE 111**
SCALE: 1/4" = 1'-0"



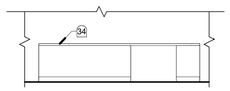
3B A5.11 **HAIR/TEXTURE 111**
SCALE: 1/4" = 1'-0"



3C A5.11 **HAIR/TEXTURE 111**
SCALE: 1/4" = 1'-0"

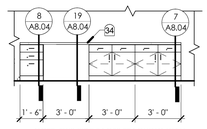


3D A5.11 **HAIR/TEXTURE 111**
SCALE: 1/4" = 1'-0"



NOTE: THIS SIDE FACES CLASSROOM

4A A5.11 **TYPICAL TEACHING CASEWORK ISLAND - BACK**
SCALE: 1/4" = 1'-0"



NOTE: THIS SIDE FACES TEACHING WALL

4B A5.11 **TYPICAL TEACHING CASEWORK ISLAND - FRONT**
SCALE: 1/4" = 1'-0"

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KLAMATH FALLS, OR
97603

No.	Description	Date
2	Addendum #2	4/9/26

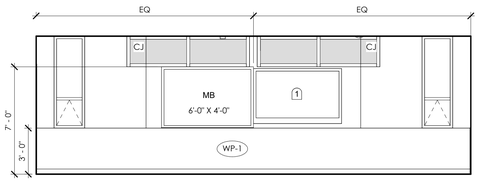
Project Number 2507
Date 3/16/2026

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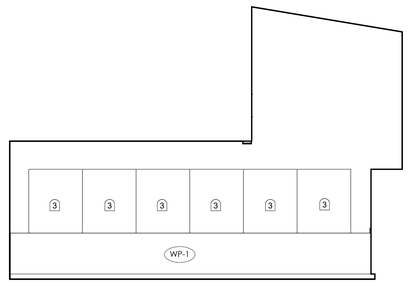
INTERIOR ELEVATIONS

A5.11

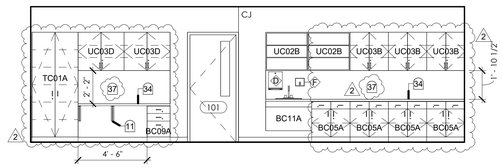
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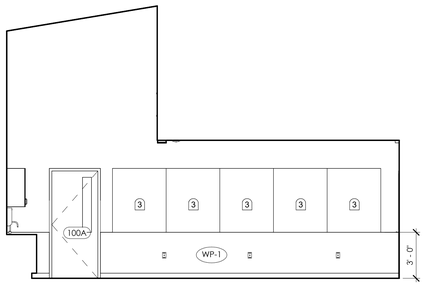
1A A5.12 **ESTHETICS LAB 101**
SCALE: 1/4" = 1'-0"



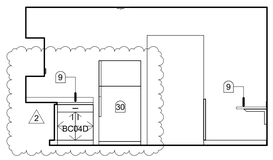
1B A5.12 **ESTHETICS LAB 101**
SCALE: 1/4" = 1'-0"



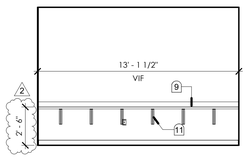
1C A5.12 **ESTHETICS LAB 101**
SCALE: 1/4" = 1'-0"



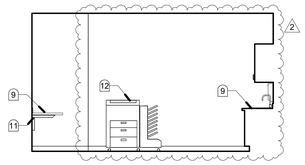
1D A5.12 **ESTHETICS LAB 101**
SCALE: 1/4" = 1'-0"



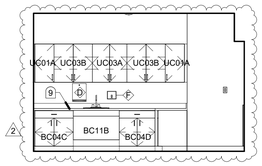
2A A5.12 **COLLAB 113**
SCALE: 1/4" = 1'-0"



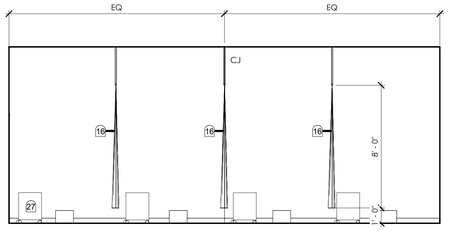
2B A5.12 **COLLAB 113**
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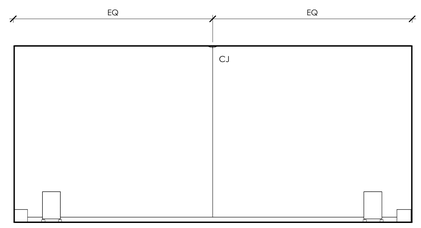
2C A5.12 **COLLAB 113**
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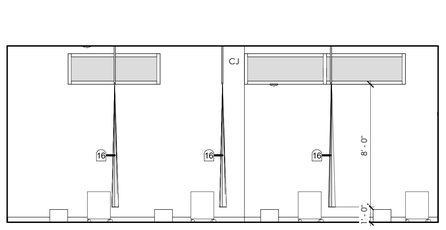
2D A5.12 **COLLAB 113**
SCALE: 1/4" = 1'-0"



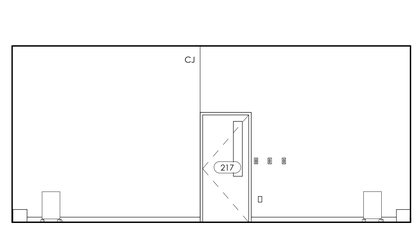
3A A5.12 **FACIAL/MASSAGE ESTHETICS 217**
SCALE: 1/4" = 1'-0"



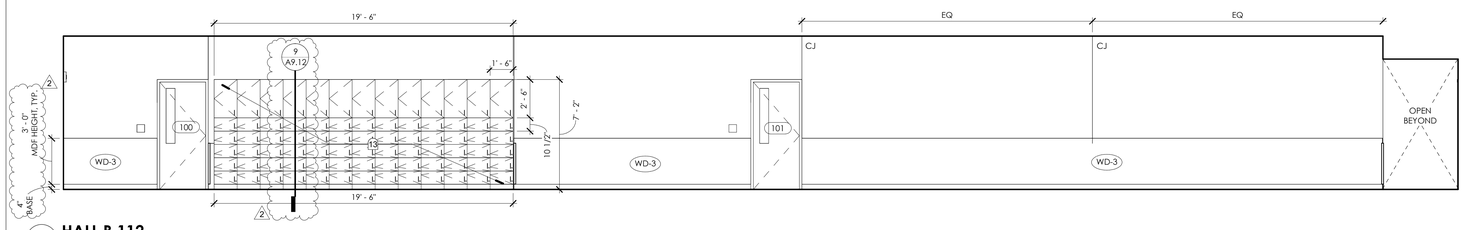
3B A5.12 **FACIAL/MASSAGE ESTHETICS 217**
SCALE: 1/4" = 1'-0"



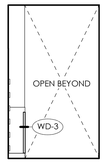
3C A5.12 **FACIAL/MASSAGE ESTHETICS 217**
SCALE: 1/4" = 1'-0"



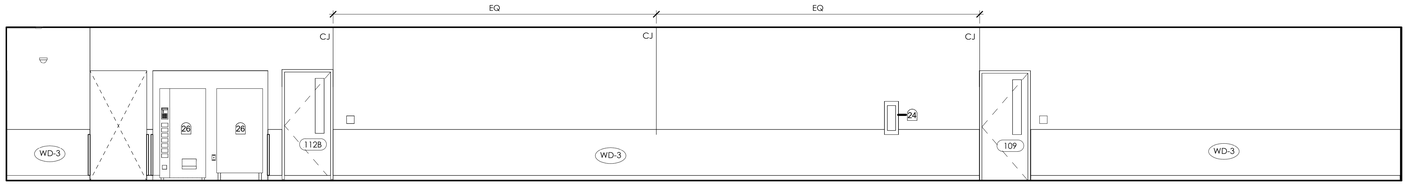
3D A5.12 **FACIAL/MASSAGE ESTHETICS 217**
SCALE: 1/4" = 1'-0"



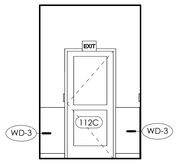
4A A5.12 **HALL B 112**
SCALE: 1/4" = 1'-0"



4B A5.12 **HALL B 112**
SCALE: 1/4" = 1'-0"



4C A5.12 **HALL B 112**
SCALE: 1/4" = 1'-0"



4D A5.12 **HALL B 112**
SCALE: 1/4" = 1'-0"

INTERIOR KEYNOTES

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2	PEDICURE SOURCE-CAPTURE VENTILATION
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16	CURTAIN
17	STYLING CHAIRS, SEE A8.01 FOR SPECIALTY EQUIPMENT SCHEDULE
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REGISTERED ARCHITECT
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12047
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KLAMATH FALLS, OR 97603

No.	Description	Date
1	Addendum #1	Date 2
2	Addendum #2	4/9/26

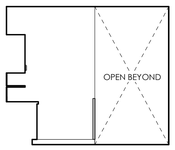
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

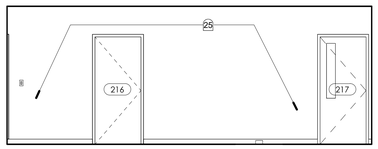
INTERIOR ELEVATIONS

A5.12

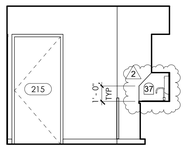
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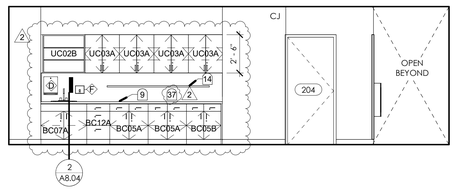
1A A5.13 **FACIAL BAR 214**
SCALE: 1/4" = 1'-0"



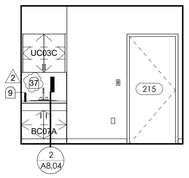
1B A5.13 **FACIAL BAR 214**
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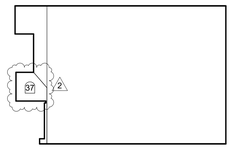
1C A5.13 **FACIAL BAR 214**
SCALE: 1/4" = 1'-0"



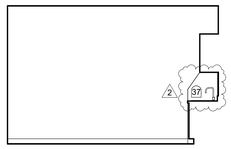
1D A5.13 **FACIAL BAR 214**
SCALE: 1/4" = 1'-0"



2A A5.13 **WAX 215**
SCALE: 1/4" = 1'-0"



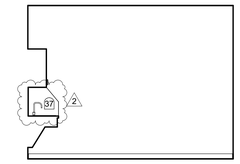
2B A5.13 **WAX 215**
SCALE: 1/4" = 1'-0"



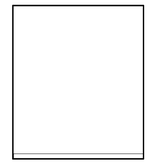
2C A5.13 **WAX 215**
SCALE: 1/4" = 1'-0"



2D A5.13 **WAX 215**
SCALE: 1/4" = 1'-0"



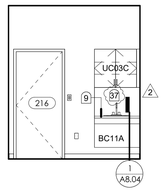
3A A5.13 **WAX 216**
SCALE: 1/4" = 1'-0"



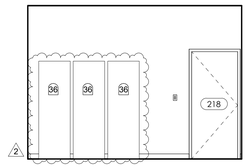
3B A5.13 **WAX 216**
SCALE: 1/4" = 1'-0"



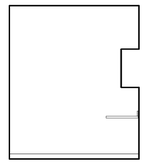
3C A5.13 **WAX 216**
SCALE: 1/4" = 1'-0"



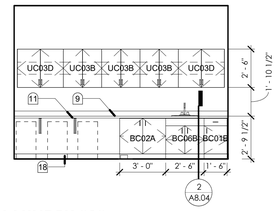
3D A5.13 **WAX 216**
SCALE: 1/4" = 1'-0"



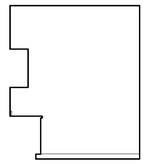
4A A5.13 **LAUNDRY 218**
SCALE: 1/4" = 1'-0"



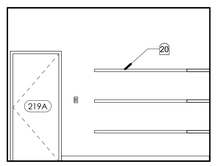
4B A5.13 **LAUNDRY 218**
SCALE: 1/4" = 1'-0"



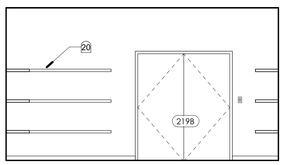
4C A5.13 **LAUNDRY 218**
SCALE: 1/4" = 1'-0"



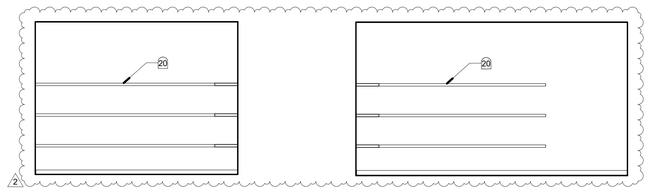
4D A5.13 **LAUNDRY 218**
SCALE: 1/4" = 1'-0"



5A A5.13 **BUILDING STORAGE 219**
SCALE: 1/4" = 1'-0"

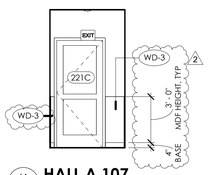


5B A5.13 **BUILDING STORAGE 219**
SCALE: 1/4" = 1'-0"

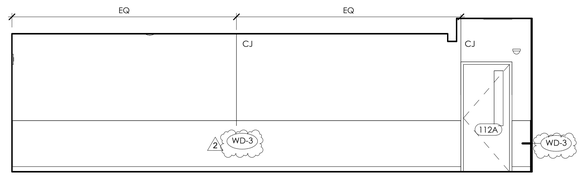


5C A5.13 **BUILDING STORAGE 219**
SCALE: 1/4" = 1'-0"

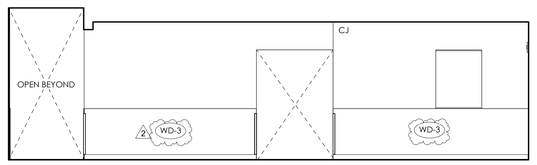
5D A5.13 **BUILDING STORAGE 219**
SCALE: 1/4" = 1'-0"



6A A5.13 **HALL A 107**
SCALE: 1/4" = 1'-0"



6B A5.13 **HALL A 107**
SCALE: 1/4" = 1'-0"



6C A5.13 **HALL A 107**
SCALE: 1/4" = 1'-0"

INTERIOR KEYNOTES

1 SMART TV, OFOI. CONTRACTOR TO PROVIDE BLOCKING
2 PEDICURE SOURCE-CAPTURE VENTILATION
3 MIRROR 50" x 42"
4 MIRROR 50" x 32"
5 CONCEALED BRACKET DISPLAY SHELVES, 8" DEPTH
6 SS-2 COUNTERTOP
7 RAISED METAL SIGNAGE, OFOI. CONTRACTOR TO PROVIDE BLOCKING
8 DOUBLE SIDED CASEWORK ISLAND
9 PL-1 COUNTERTOP, SS-3 BID ALTERNATE
10 DRINKING FOUNTAIN
11 COUNTER BRACKETS @ 24" O.C.
12 PRINTER, OFOI
13 STUDENT LOCKERS
14 SHELVING, OFOI. CONTRACTOR TO PROVIDE BLOCKING
15 MIRROR 70" X 30"
16 CURTAIN
17 STYLING CHAIRS, SEE A8.01 FOR SPECIALTY EQUIPMENT SCHEDULE
18 LAUNDRY BINS, OFOI
19 COMPACT LAMINATE BENCH W/ STUD MOUNTED SUPPORTS
20 ADJUSTABLE SHELVING, CFCI, CONTRACTOR TO PROVIDE BLOCKING
21 PAINT WALL ACCENT COLOR, P-3
22 WALL MOUNTED COAT HOOKS, MOUNT AT 4'-0" MAX.
23 TACK/MARKER BOARD, OFOI. CONTRACTOR TO PROVIDE BLOCKING
24 FIRE EXTINGUISHER CABINET
25 PAINT WALL ACCENT COLOR, P-6
26 VENDING MACHINE, OFOI
27 SEE A8.01 FOR SPECIALTY EQUIPMENT SCHEDULE. CONTRACTOR TO PROVIDE BLOCKING FOR WALL-MOUNTED EQUIPMENT
28 THIS PORTION OF WALL TO BE PAINTED P-7
29 PAINT ACCENT WALL ABOVE WALL PANEL, P-6
30 REFRIGERATOR, OFOI
31 PAINT WALL ACCENT COLOR, P-5
32 MONITOR, OFOI. CONTRACTOR TO PROVIDE BLOCKING
33 MOP SINK
34 PL-3 COUNTERTOP, SS-1 BID ALTERNATE
35 CONCEALED BRACKET DISPLAY SHELF, 6" DEPTH
2 36 STACK WASHER/DRYER, OFCI
37 PULL HEIGHT BACKSPLASH, MATCH COUNTERTOP FINISH & COLOR
38 PROVIDE GROMMET IN COUNTER FOR POWER ACCESS

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No.	Description	Date
2	Addendum #2	4/9/26

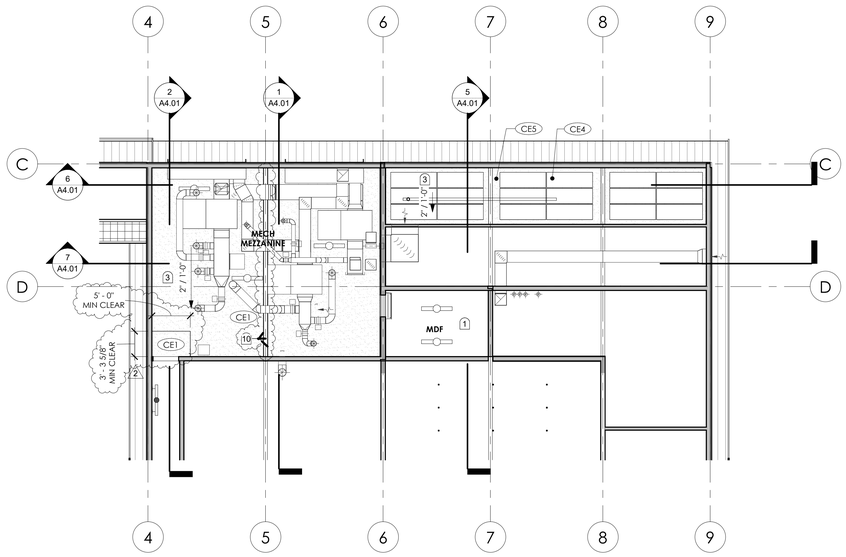
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INTERIOR ELEVATIONS

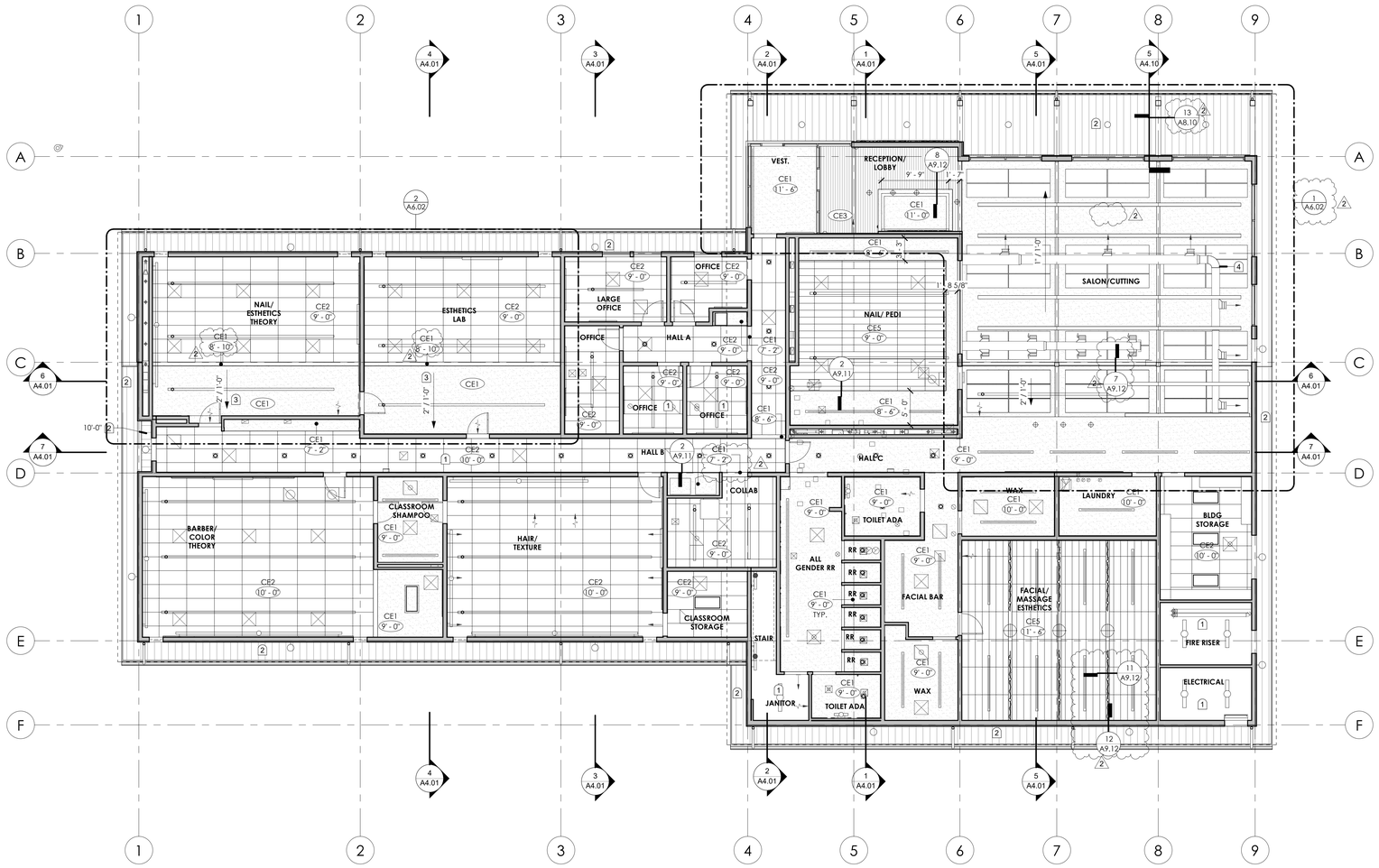
A5.13

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2 A6.01 MECHANICAL MEZZANINE RCP

SCALE: 1/8" = 1'-0"



1 A6.01 REFLECTED CEILING PLAN - LEVEL 1

SCALE: 1/8" = 1'-0"

GENERAL NOTES - RCP

A. SEE SHEET G0.01 FOR ARCHITECTURAL ABBREVIATIONS AND SYMBOLS
B. SEE SHEET G0.04 FOR WALL TYPES
C. SEE SHEET A8.01 FOR DOOR SCHEDULE
D. PAINT ALL EXPOSED CONDUIT AND FIRE SPRINKLER LINES TO MATCH ADJACENT WALL OR CEILING, VERIFY W/ ARCHITECT.
E. PAINT GYP. BOARD CEILINGS P-1, U.N.O.
F. SHEET A6.02 INTENDED TO BE PRINTED AND VIEWED IN COLOR
2 G. PAINT EXPOSED STRUCTURAL STEEL AT CEILING LEVEL TO MATCH ADJACENT WALL OR CEILING, U.N.O.

REFLECTED CEILING KEYNOTES

1 OPEN TO STRUCTURE
2 SHEET METAL SOFFIT - MP-2
3 SLOPED CEILING, TIGHT TO STRUCTURE. COORDINATE W/ SECTIONS
4 PAINT EXPOSED DUCTWORK P-1, TYP.
5 CLERESTORY OPENING DESIGNATED WITH DIAGONAL HATCH TO BE FIRE SPRINKLER NO-FLY ZONE. SPRINKLER LINES TO BE ROUTED AROUND TO AVOID RUNNING THROUGH OPENING
6 FIRE PROTECTION BRANCHLINE LOCATED IN EXPOSED STRUCTURE AREA. PROVIDE EXTENDED COVERAGE SIDEWALL SPRINKLERS, ROUTE TIGHT ALONG EXPOSED GLULAM BEAMS AND CEILING. BRANCH LINES AND SPRINKLER DEFLECTORS SHALL BE SLOPED WITH THE BEAMS/CEILING. SPRINKLER SHALL BE BLACK IN COLOR. COORDINATE WITH ARCHITECT FOR EXACT COLOR AND PIPE.
7 FIRE PROTECTION MAIN IN SALON/CUITTING 202 AND RECEPTION/LOBBY 200 LOCATED IN EXPOSED STRUCTURE AREA TO BE ROUTED TIGHT TO WALL ALONG GRIDLINE A. FIRE PROTECTION MAINS ARE TO BE PAINTED P-1, COORDINATE WITH ARCHITECT FOR EXACT COLOR AND PIPE
8 EXTENDED CANOPY AREA TO BE PROTECTED BY DRY BARREL SIDEWALL FIRE SPRINKLERS FROM MAIN LOCATED ALONG GRIDLINE A
9 FIRE PROTECTION MAIN CROSSING CLERESTORY OPENING TO BE ROUTED TIGHT TO WALL. FIRE PROTECTION MAINS ARE TO BE PAINTED P-1, COORDINATE WITH ARCHITECT FOR EXACT COLOR AND PIPE
10 EXPOSED BEAM WRAPPED WITH GYP BOARD. ALL EXPOSED SIDES
2 11 PAINT EXPOSED STRUCTURAL STEEL AT BEAMS P-5

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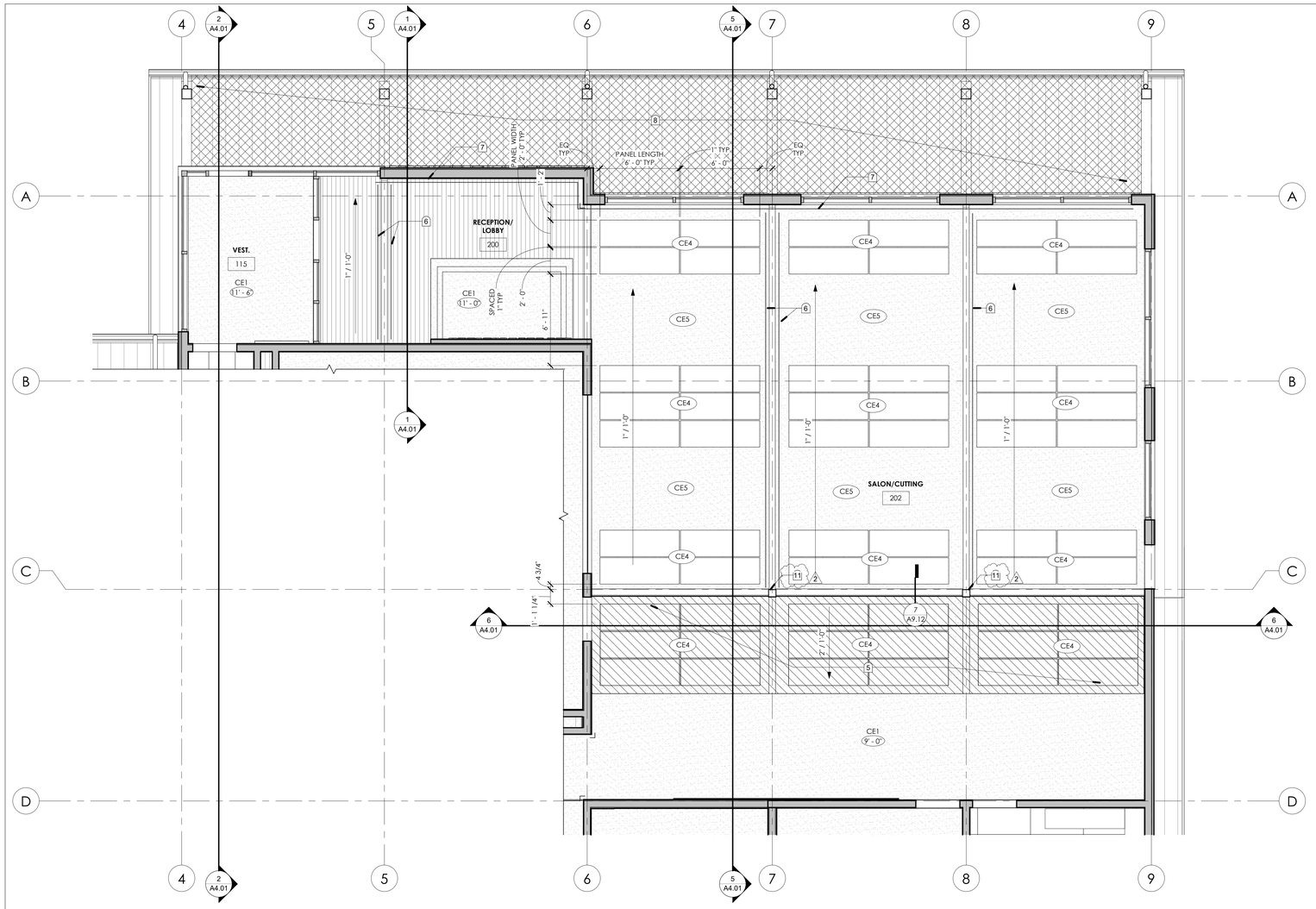
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REFLECTED CEILING PLAN

A6.01

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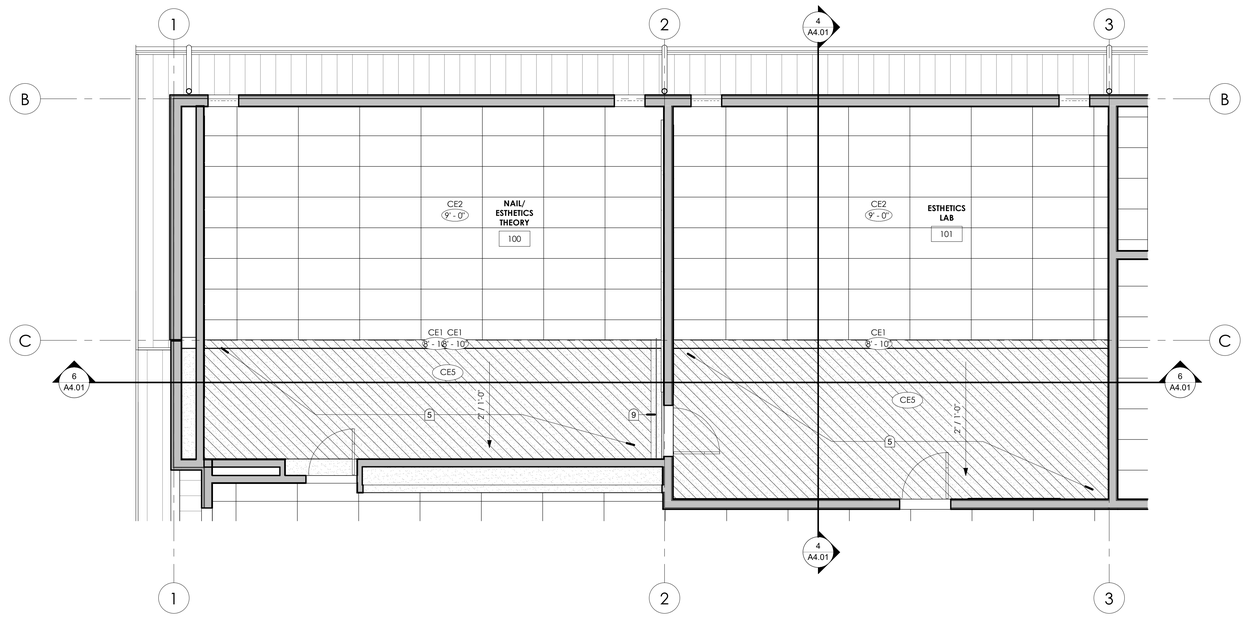
GENERAL NOTES - RCP

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B. SEE SHEET G0.04 FOR WALL TYPES
C. SEE SHEET A8.01 FOR DOOR SCHEDULE
D. PAINT ALL EXPOSED CONDUIT AND FIRE SPRINKLER LINES TO MATCH ADJACENT WALL OR CEILING. VERIFY W/ ARCHITECT.
E. PAINT GYP. BOARD CEILINGS P-1, U.N.O.
F. SHEET A6.02 INTENDED TO BE PRINTED AND VIEWED IN COLOR
2 G. PAINT EXPOSED STRUCTURAL STEEL AT CEILING LEVEL TO MATCH ADJACENT WALL OR CEILING, U.N.O.

REFLECTED CEILING KEYNOTES

1 OPEN TO STRUCTURE
2 SHEET METAL SOFFIT - MP-2
3 SLOPED CEILING, TIGHT TO STRUCTURE. COORDINATE W/ SECTIONS
4 PAINT EXPOSED DUCTWORK P-1, TYP.
5 CLERESTORY OPENING DESIGNATED WITH DIAGONAL HATCH TO BE FIRE SPRINKLER NO-FLY ZONE. SPRINKLER LINES TO BE ROUTED AROUND TO AVOID RUNNING THROUGH OPENING
6 FIRE PROTECTION BRANCHLINE LOCATED IN EXPOSED STRUCTURE AREA. PROVIDE EXTENDED COVERAGE SIDEWALL SPRINKLERS. ROUTE TIGHT ALONG EXPOSED GLULAM BEAMS AND CEILING. BRANCH LINES AND SPRINKLER DEFLECTORS SHALL BE SLOPED WITH THE BEAMS/CEILING. SPRINKLER SHALL BE BLACK IN COLOR. COORDINATE WITH ARCHITECT FOR EXACT COLOR AND PIPE.
7 FIRE PROTECTION MAIN IN SALON/CUTTING 202 AND RECEPTION/LOBBY 200 LOCATED IN EXPOSED STRUCTURE AREA TO BE ROUTED TIGHT TO WALL ALONG GRIDLINE A. FIRE PROTECTION MAINS ARE TO BE PAINTED P-1, COORDINATE WITH ARCHITECT FOR EXACT COLOR AND PIPE
8 EXTENDED CANOPY AREA TO BE PROTECTED BY DRY BARREL SIDEWALL FIRE SPRINKLERS FROM MAIN LOCATED ALONG GRIDLINE A
9 FIRE PROTECTION MAIN CROSSING CLERESTORY OPENING TO BE ROUTED TIGHT TO WALL. FIRE PROTECTION MAINS ARE TO BE PAINTED P-1, COORDINATE WITH ARCHITECT FOR EXACT COLOR AND PIPE
10 EXPOSED BEAM WRAPPED WITH GYP BOARD, ALL EXPOSED SIDES
11 PAINT EXPOSED STRUCTURAL STEEL AT BEAMS P-5

1 A6.02 **ENLARGED REFLECTED CEILING PLAN - SALON/CUTTING**
SCALE: 1/4" = 1'-0"



2 A6.02 **ENLARGED REFLECTED CEILING PLAN - CLASSROOMS**
SCALE: 1/4" = 1'-0"

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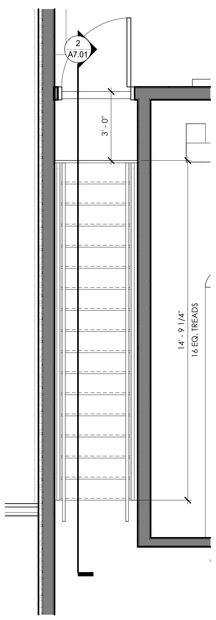
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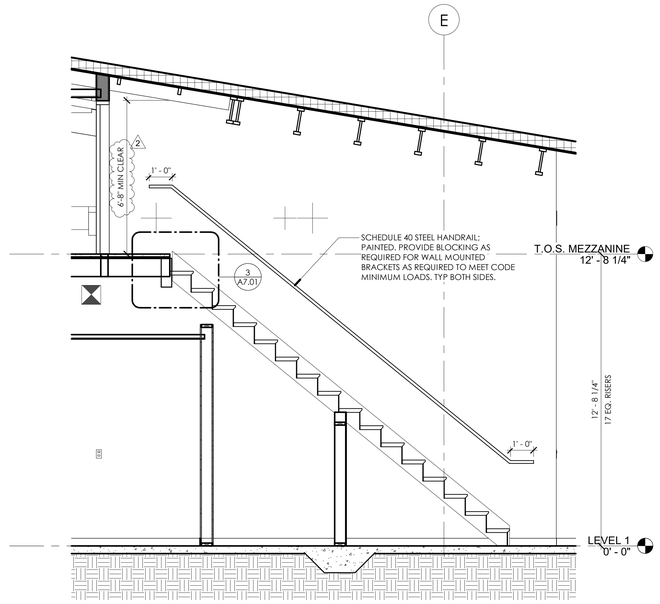
2 ENLARGED REFLECTED CEILING PLAN

A6.02

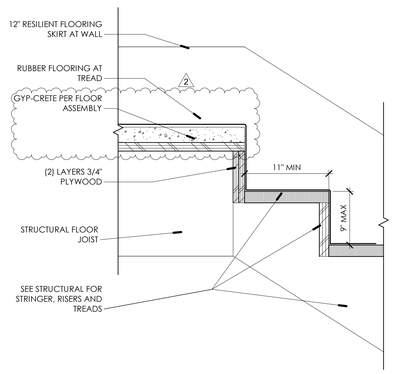
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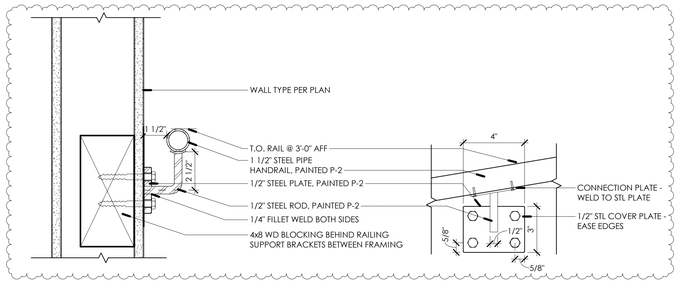
1 A7.01 **FLOOR PLAN - MEZZANINE ACCESS STAIR**
SCALE: 3/8" = 1'-0"



2 A7.01 **STAIR SECTION - MEZZANINE ACCESS STAIR**
SCALE: 3/8" = 1'-0"



3 A7.01 **STAIR - TOP LANDING**
SCALE: 1 1/2" = 1'-0"



2

4 A7.01 **HANDRAIL @ WALL**
SCALE: 3" = 1'-0"

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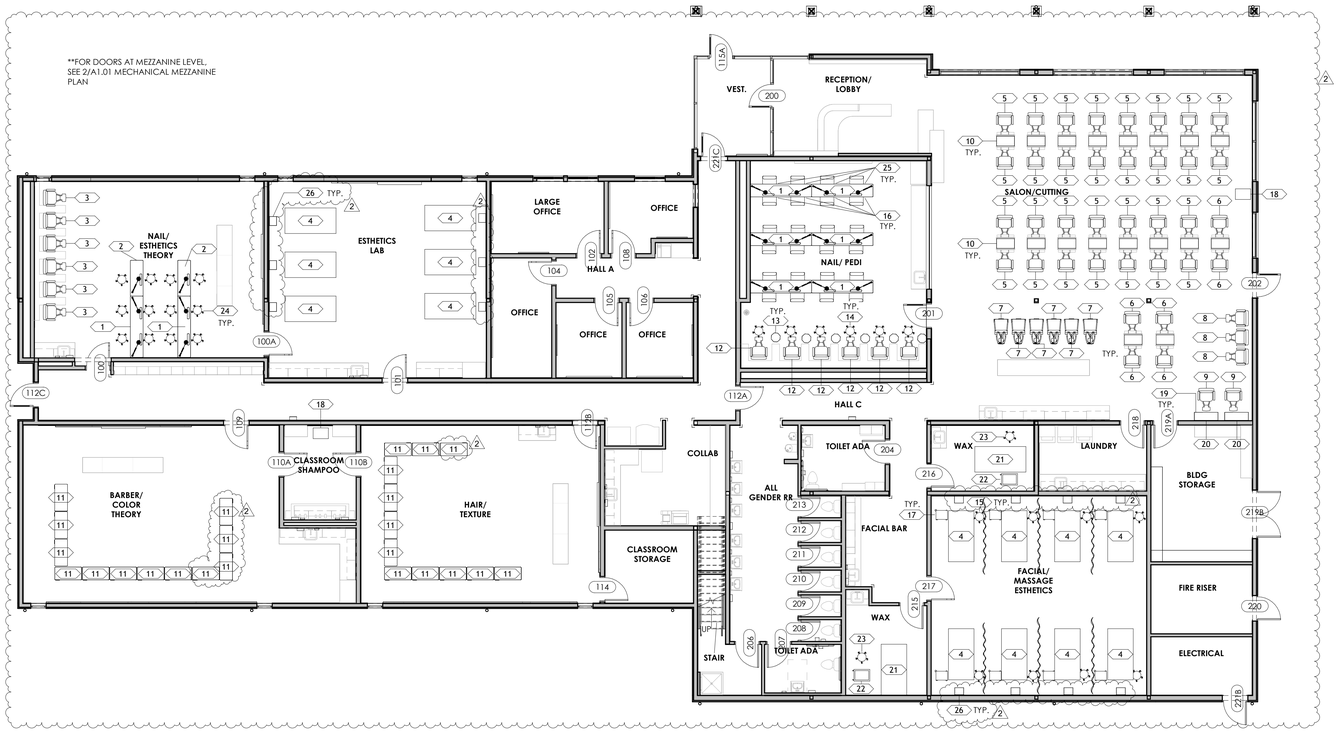
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VERTICAL CIRCULATION

A7.01

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1 A8.01 **SPECIALTY EQUIPMENT & FURNITURE PLAN**

SCALE: 1/8" = 1'-0"

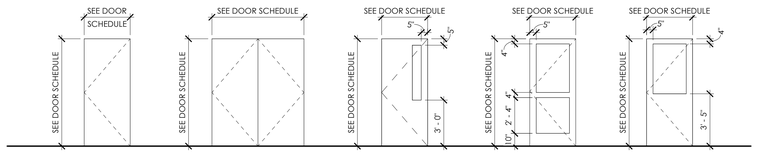
SPECIALTY EQUIPMENT & FURNITURE SCHEDULE

	Type Mark	Model/ID	Manufacturer	Count	Unit Cost	Mechanical Reqs.	Electrical Reqs.	Plumbing Reqs.	Product URL	Procurement Method
NAIL/ESTHETICS CLASSROOM & NAIL/PEDI (SALON)	1	Custom Double Vented Nail Table (EV-75)	Kaemark	8		Yes				OFCI
NAIL/ESTHETICS CLASSROOM	2	Custom Single Vented Nail table (EV-75)	Kaemark	2		Yes				OFCI
NAIL/ESTHETICS CLASSROOM	3	Murano Styling Chair	Minerva Beauty	6	474				https://www.minervabeauty.com/product/minerva-murano-styling-chair/	OFOI
ESTHETICS LAB (CLASSROOM) & FACIAL/MASSAGE ESTHETICS (SALON)	4	Violin Power Tilt (Sondi Treatment Table)	Touch America	14	1280		Yes		https://www.touchamerica.com/collections/spa-tables/products/sondi-treatment-table?variant=42750997659779	OFCI
SALON/CUTTING	5	Lambada Styling Chair - 4306	Pibbs Industries	30	599				https://www.buyritebeauty.com/pibbs-4306-lambada-styling-chair/	OFOI
SALON/CUTTING	6	Lambada Threading Chair - 4347	Pibbs Industries	6	799				https://www.buyritebeauty.com/pibbs-4347-lambada-threading-chair/	OFOI
SALON/CUTTING	7	Cayman Shampoo System (w/Black Bowl)	Minerva Beauty	6	869		Yes		https://www.minervabeauty.com/product/cayman-shampoo-system-with-black-bowl https://www.minervabeauty.com/product/cayman-shampoo-system-with-black-bowl	OFCI
SALON/CUTTING	8	Clinique II Dryer Chair	Minerva Industries	3	714		Yes - 20a 110v		https://www.minervabeauty.com/product/cinque-ii-salon-dryer-chair/	OFOI
~~MAKEUP (SALON)~~	~~9~~	~~Chita Swivel Counter Height Barstools~~	~~Chita~~	~~2~~	~~190~~				~~https://www.amazon.com/dp/B0D91XSJHR~~	~~OFOI~~
SALON/CUTTING	10	Enclosed Formula Island (Double Sided)	Collins	18	3950		Yes		https://collins.co/products/enclosed-formula-island	OFCI
BARBER/COLOR THEORY CLASSROOM & HAIR/TEXTURE CLASSROOM	11	Custom Manhequin Station	Kaemark	24						OFOI
NAIL/PEDI (SALON)	12	Murano Styling Chair	Minerva Beauty	6	474				https://www.minervabeauty.com/product/minerva-murano-styling-chair/	OFOI
NAIL/PEDI (SALON)	13	Pedi Roll-Up Copper Bowl	Living Earth Crafts	6	695				https://www.livingearthcrafts.com/pedi-roll-up-midnight-black-copper-bowl-set.html	OFOI
NAIL/PEDI (SALON)	14	Levitate Pedicure Task Chair	Living Earth Crafts	6	189				https://www.livingearthcrafts.com/levitate-stool-pedi-nt-black.html	OFOI
FACIAL/MASSAGE ESTHETICS (SALON)	15	Esthetics Stool (ProStool)	Touch America	8	240				https://www.touchamerica.com/collections/room-accessories/products/prostool?variant=45655204036739	OFOI
NAIL/PEDI (SALON)	16	Client Chair	Unspecified	12	240					OFOI
FACIAL/MASSAGE ESTHETICS (SALON)	17	Alpha 2 Trolley	Living Earth Crafts	8	595				https://www.livingearthcrafts.com/alpha-2-trolley.html	OFOI
SALON/CUTTING & CLASSROOM SHAMPOO	18	TM-3	Equipro	2	425				https://www.minervabeauty.com/product/equipro-tm-3-standard-skin-care-mobile-cart-with-trio-rack/	OFOI
MAKEUP (SALON)	19	KALLI KA126 - Wall Hung Vanity with Drawers	Belvedere	2	621				https://www.buyritebeauty.com/belvedere-ka126-kalli-wall-vanity/	OFCI
MAKEUP (SALON)	20	LED Lighted Mirror	WISSMELS	2	150		Yes		https://www.amazon.com/dp/B0FBR6CXJ7?th=1	OFCI
WAX (SALON)	21	Amelia Electric Massage Table (Tilting Back)	Minerva Beauty	2	1200		Yes		https://www.minervabeauty.com/product/amelia-electric-massage-table-with-tilting-back-in-beige/	OFCI
WAX (SALON)	22	SilverFox Trolley	Universal Companies	2	275				https://www.universalcompanies.com/products/silver-fox-trolley-23-x-18?variant=31464617345081	OFOI
WAX (SALON)	23	Technician Stool (Pro Stool)	Touch America	2	240				https://www.touchamerica.com/collections/room-accessories/products/prostool?variant=45655204036739	OFOI
NAIL/ESTHETICS CLASSROOM	24	Duet Mani/Pedi Combo Stool (wide range adjustable)	Living Earth Crafts	12	479				https://www.livingearthcrafts.com/duet-stool-square-corners.html	OFOI
NAIL/PEDI (SALON)	25	Task Chair	Unspecified	12	240					OFOI
ESTHETICS LAB (CLASSROOM) & FACIAL/MASSAGE ESTHETICS (SALON)	26	Towel Warmer		14			Yes - 20a 110v			OFOI

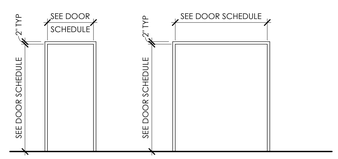
DOOR SCHEDULE

MARK	WIDTH	HEIGHT	PANEL TYPE	PANEL MATERIAL	PANEL FINISH	DOOR GLAZING	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HARDWARE GROUP	FIRE RATING	COMMENTS
100	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	1	-	1
100A	3' - 0"	7' - 0"	C	WD	PT	-	1	HM	PT	3	-	
101	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	1	-	1
102	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	2	-	
104	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	2	-	
105	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	2	-	
106	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	2	-	
108	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	2	-	
109	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	1	-	1
110A	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	17	-	
110B	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	17	-	
112A	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	5	-	
112B	3' - 0"	7' - 0"	E	WD	FS	T	1	HM	PT	1	-	1
112C	3' - 0"	7' - 0"	D	AL	-	T, I	1	HM	-	6A	-	2
114	3' - 0"	7' - 0"	A	WD	FS	-	1	HM	PT	4	-	
115A	3' - 0"	7' - 0"	D	AL	-	T, I	6	AL	-	7	-	1, 2
200	3' - 0"	7' - 0"	D	AL	-	T, I	7	AL	-	7	-	1,2
201	3' - 0"	7' - 0"	D	AL	-	T	1	HM	-	8	-	
202	3' - 0"	7' - 0"	D	AL	-	T, I	1	HM	-	6B	-	2
204	3' - 0"	7' - 0"	A	WD	FS	-	1	HM	PT	9	-	
206	3' - 0"	7' - 0"	A	WD	PT	-	1	HM	PT	10A	-	
207	3' - 0"	7' - 0"	A	WD	PT	-	1	HM	PT	9	-	
208	2' - 6"	7' - 0"	A	WD	PT	-	1	HM	PT	11A	-	
209	2' - 6"	7' - 0"	A	WD	PT	-	1	HM	PT	11A	-	
210	2' - 6"	7' - 0"	A	WD	PT	-	1	HM	PT	11A	-	
211	2' - 6"	7' - 0"	A	WD	PT	-	1	HM	PT	11A	-	
212	2' - 6"	7' - 0"	A	WD	PT	-	1	HM	PT	11A	-	
213	2' - 6"	7' - 0"	A	WD	PT	-	1	HM	PT	11A	-	
215	3' - 0"	7' - 0"	A	WD	FS	-	1	HM	PT	11B	-	
216	3' - 0"	7' - 0"	A	WD	FS	-	1	HM	PT	11B	-	
217	3' - 0"	7' - 0"	C	WD	FS	T	1	HM	PT	11B	-	
218	3' - 0"	7' - 0"	A	WD	FS	-	1	HM	PT	12	-	
219A	3' - 0"	7' - 0"	A	WD	FS	-	1	HM	PT	10B	-	
219B	6' - 0"	7' - 0"	B	HM	PT	-	2	HM	PT	13	-	
220	3' - 0"	7' - 0"	A	HM	PT	-	1	HM	PT	14	-	
221B	3' - 0"	7' - 0"	A	HM	PT	-	1	HM	PT	15	-	
221C	3' - 0"	7' - 0"	D	AL	-	-	1	HM	PT	16	-	1, 2
300	3' - 0"	6' - 6"	A	HM	PT	-	1	HM	PT	18	-	AT MECHANICAL MEZZ. LEVEL - SEE 2/A1.01
301	2' - 6"	7' - 0"	A	HM	PT	-	1	HM	PT	19	-	AT MECHANICAL MEZZ. LEVEL - SEE 2/A1.01
304	16' - 0"	7' - 8"	-	-	-	-	-	-	-	-	-	TRASH ENCLOSURE GATE - SEE A0.10

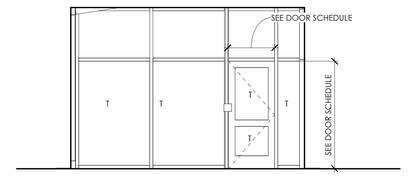
GENERAL NOTES	ABBREVIATIONS	COMMENTS
1. SEE A8.01 FOR DOOR FRAME AND TYPES 2. CONTRACTOR TO VERIFY HM THROAT SIZE BASED ON WALL ASSEMBLY. 3. SEE A8.11 AND A9.11 FOR TYPICAL U.N.O. HM DOOR HEAD AND JAMB DETAILS.	-- - EXISTING TO REMAIN AL - ALUMINUM FF - FACTORY FINISH FS - FACTORY STAIN PT - PAINT WD - WOOD HM - HOLLOW METAL L - LAMINATED GLAZING I - INSULATED GLAZING T - TEMPERED GLAZING	1. ACCESS CONTROL 2. PANIC HARDWARE



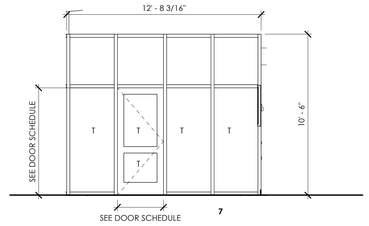
DOOR PANEL TYPES



HOLLOW METAL DOOR FRAME TYPES



STOREFRONT DOOR FRAME TYPES



STOREFRONT DOOR FRAME TYPES



DOOR LEGEND

SCALE: 1/4" = 1'-0"

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7390 S 6TH STREET
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97603

No.	Description	Date
2	Addendum #2	4/9/26

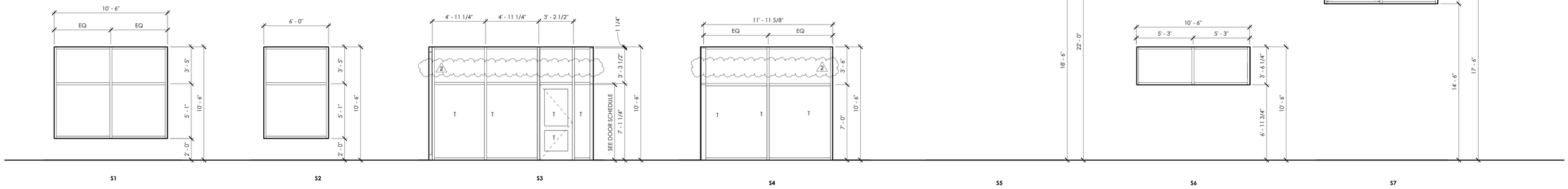
Project Number 2507
Date 3/16/2026

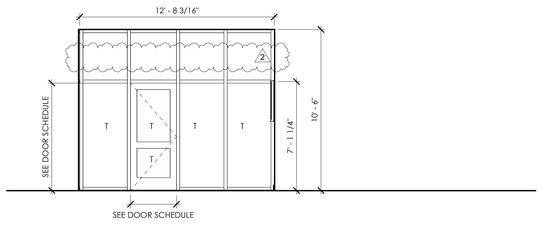
PERMIT / BID SET

SPECIALTY EQUIPMENT PLAN AND DOOR SCHEDULE

A8.01

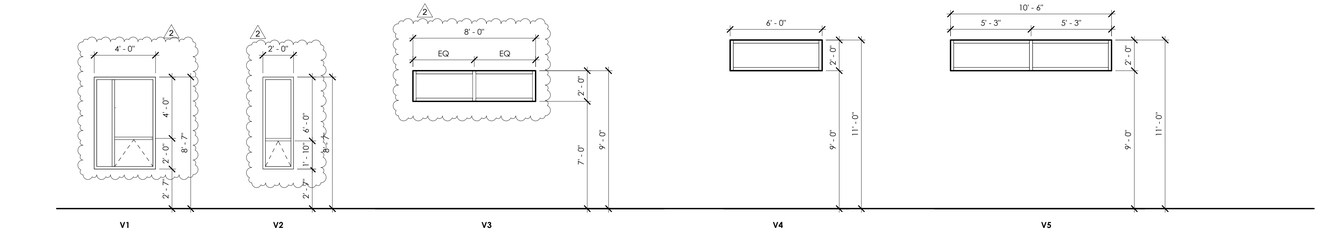
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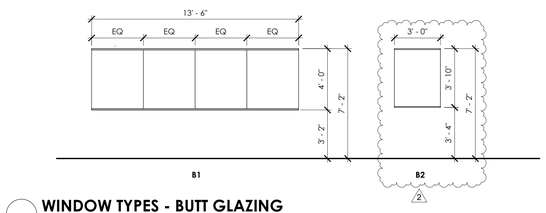
WINDOW TYPES - STOREFRONT

SCALE: 1/4" = 1'-0"



WINDOW TYPES - VINYL

SCALE: 1/4" = 1'-0"



WINDOW TYPES - BUTT GLAZING

SCALE: 1/4" = 1'-0"

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No.	Description	Date
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Project Number 2507
Date 3/16/2026

PERMIT / BID SET

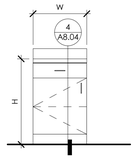
WINDOW SCHEDULES

A8.02

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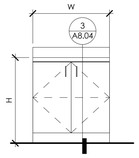
GENERAL NOTES

A. PROVIDE CASEWORK LOCKS WHERE SHOWN ON INTERIOR ELEVATIONS, TYP.



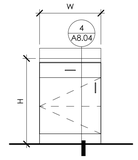
TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC01B	1' - 6"	2' - 9 1/2"	1' - 11"

BC01 - 1 DOOR 1 DRW
SCALE: 1/2" = 1'-0"



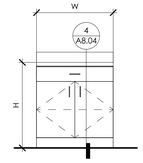
TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC02A	3' - 0"	2' - 9 1/2"	1' - 11"
BC02B	2' - 3"	2' - 9 1/2"	1' - 11"
BC02C	2' - 6"	2' - 9 1/2"	1' - 11"

BC02 - 2 DOOR
SCALE: 1/2" = 1'-0"



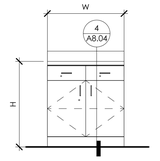
TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC03A	1' - 10"	2' - 10"	1' - 11"

BC03 - 1 DOOR 1 DRW
SCALE: 1/2" = 1'-0"



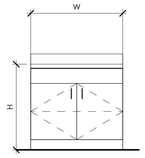
TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC04A	3' - 0"	2' - 9 1/2"	1' - 11"
BC04B	3' - 0"	2' - 9 1/2"	1' - 0"
BC04C	2' - 6"	2' - 9 1/2"	1' - 11"
BC04D	2' - 4"	2' - 9 1/2"	1' - 11"

BC04 - 2 DOOR 1 DRW
SCALE: 1/2" = 1'-0"



TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC05A	2' - 6"	2' - 9 1/2"	1' - 11"
BC05B	2' - 3"	2' - 9 1/2"	1' - 11"
BC05C	3' - 0"	2' - 6"	1' - 11"

BC05 - 2 DOOR 2 DRW
SCALE: 1/2" = 1'-0"



*SEE INTERIOR ELEVATIONS FOR DETAIL TAGS

TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC06A	3' - 0"	2' - 9 1/2"	1' - 0"
BC06B	2' - 6"	2' - 9 1/2"	1' - 11"

BC06 - 2 DOOR W/ BLANK APRON PANEL
SCALE: 1/2" = 1'-0"



TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC07A	3' - 0"	2' - 9 1/2"	1' - 11"

BC07 - 2 DOOR SINK
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC08A	1' - 6"	2' - 9 1/2"	1' - 11"
BC08B	2' - 0"	2' - 9 1/2"	1' - 11"

BC08 - 3 DRW
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC09A	1' - 6"	2' - 6"	1' - 11"

BC09 - 3 DWR FILE
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC10A	2' - 0"	2' - 9 1/2"	1' - 11"

BC10 - CORNER CABINET - RIGHT
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC11A	3' - 0"		1' - 11"
BC11B	2' - 10 3/4"		1' - 11"

BC11 - FRONT APPROACH SINK APRON
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	COUNTER HEIGHT	DEPTH
BC12A	1' - 6"	2' - 9 1/2"	1' - 11"

BC12 - 3 DWR ADJUSTED APRON
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	HEIGHT	DEPTH
UC01A	1' - 3"	2' - 6"	1' - 2"

UC01 - 1 DOOR
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	HEIGHT	DEPTH
UC02A	2' - 6"	2' - 6"	1' - 2"
UC02B	2' - 9"	2' - 6"	1' - 2"
UC02C	3' - 0"	2' - 6"	1' - 2"
UC02D	2' - 3"	2' - 6"	1' - 2"

UC02 - OPEN SHELVES
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	HEIGHT	DEPTH
UC03A	2' - 3"	2' - 6"	1' - 2"
UC03B	2' - 6"	2' - 6"	1' - 2"
UC03C	2' - 9"	2' - 6"	1' - 2"
UC03D	3' - 0"	2' - 6"	1' - 2"
UC03E	2' - 5"	2' - 6"	1' - 2"

UC03 - 2 DOOR
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	HEIGHT	DEPTH
TC01A	3' - 0"	7' - 2"	2' - 1"
TC01B	3' - 0"	7' - 2"	1' - 6"
TC01C	3' - 0"	8' - 6"	2' - 1"

TC01 - TEACHERS CABINET
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	HEIGHT	DEPTH
TC02A	1' - 3"	7' - 2"	1' - 2"

TC02 - TALL CABINET
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	HEIGHT	DEPTH
TC03A	1' - 3"	7' - 2"	1' - 2"

TC03 - TALL CABINET
SCALE: 1/2" = 1'-0"

TYPE	WIDTH	HEIGHT	DEPTH
TC04A	1' - 6"	7' - 2"	1' - 2"

TC04 - 3 DOOR STACKED
SCALE: 1/2" = 1'-0"

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No.	Description	Date
2	Addendum #2	4/9/26

Project Number 2507
Date 3/16/2026

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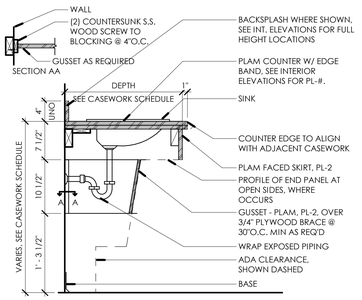
CASEWORK DETAILS AND SCHEDULE

A8.03

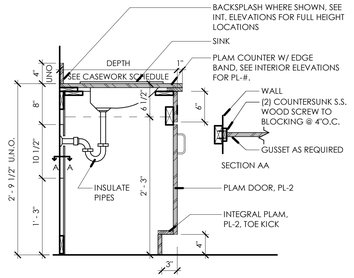
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GENERAL NOTES

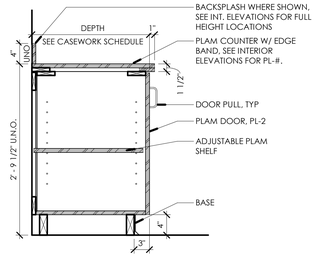
2 A. PROVIDE CASEWORK LOCKS WHERE SHOWN ON INTERIOR ELEVATIONS, TYP.



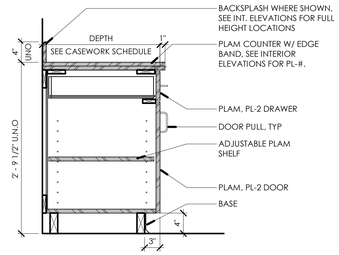
1 A8.04 **CASEWORK - BASE SINK, FRONT APPROACH**
SCALE: 1" = 1'-0"



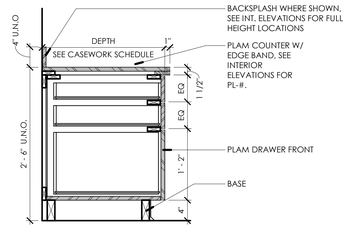
2 A8.04 **BASE CABINET - SINK INTEGRAL**
SCALE: 1" = 1'-0"



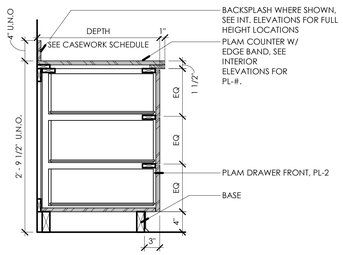
3 A8.04 **BASE CABINET - DOORS**
SCALE: 1" = 1'-0"



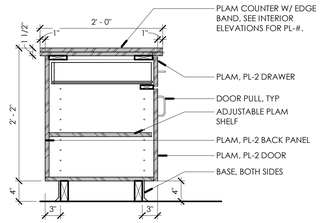
4 A8.04 **BASE CABINET - DOOR, 1 DRAWER**
SCALE: 1" = 1'-0"



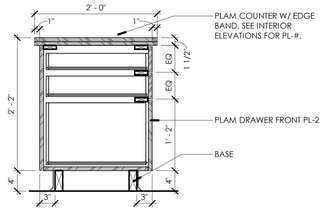
5 A8.04 **BASE CABINET - 3 DWR, FILE**
SCALE: 1" = 1'-0"



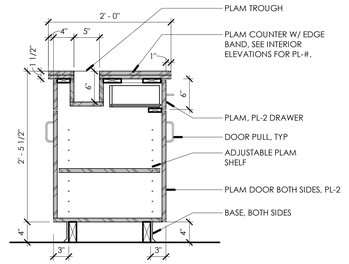
6 A8.04 **CASEWORK - BASE, 3 DRAWER**
SCALE: 1" = 1'-0"



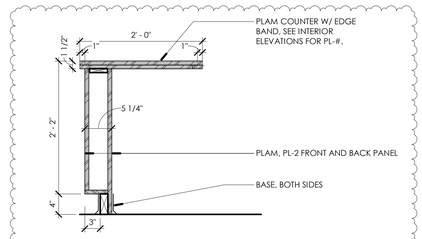
7 A8.04 **TEACHING ISLAND CABINET - DOOR, 1 DRAWER**
SCALE: 1" = 1'-0"



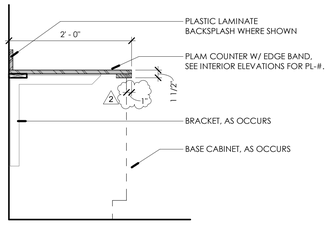
8 A8.04 **TEACHING ISLAND CABINET - 3 DRAWER FILE**
SCALE: 1" = 1'-0"



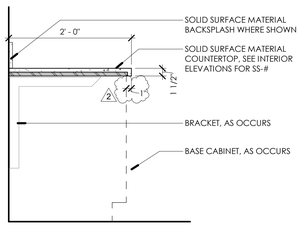
9 A8.04 **SALON/CUT ISLAND CABINET - DOOR, TROUGH**
SCALE: 1" = 1'-0"



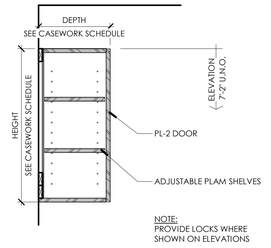
2 19 A8.04 **TEACHING ISLAND - OPENING**
SCALE: 1" = 1'-0"



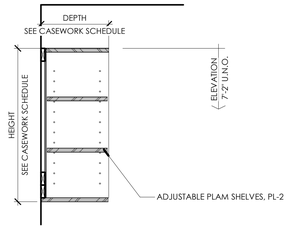
10 A8.04 **COUNTERTOP - PLAM**
SCALE: 1" = 1'-0"



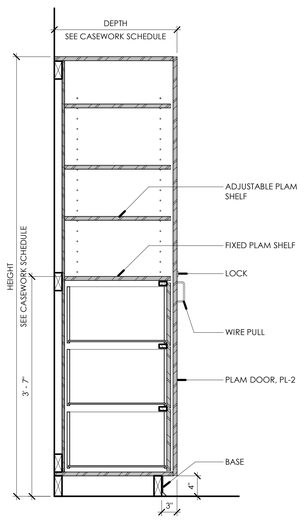
11 A8.04 **COUNTERTOP - SOLID SURFACE (BID ALT.)**
SCALE: 1" = 1'-0"



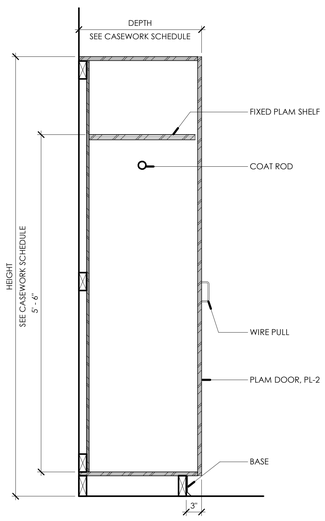
12 A8.04 **UPPER CABINETS, TYP.**
SCALE: 1" = 1'-0"



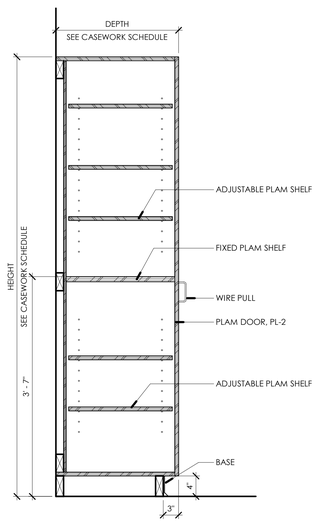
13 A8.04 **UPPER CABINET, OPEN**
SCALE: 1" = 1'-0"



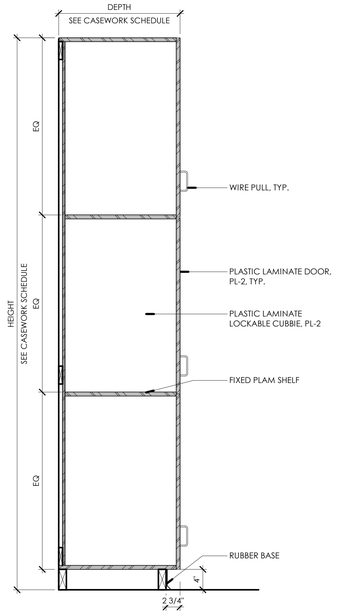
14 A8.04 **CASEWORK - TEACHER'S CAB A**
SCALE: 1" = 1'-0"



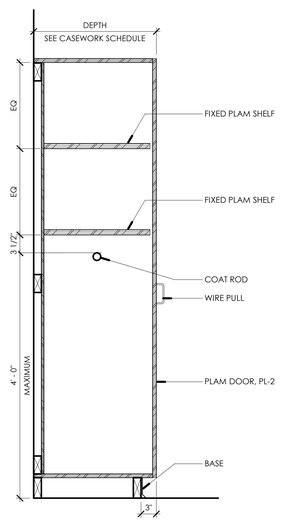
15 A8.04 **CASEWORK - TEACHER'S CAB B**
SCALE: 1" = 1'-0"



16 A8.04 **TALL CABINET**
SCALE: 1" = 1'-0"



17 A8.04 **TALL CABINET - 3-DOOR STACKED**
SCALE: 1" = 1'-0"



18 A8.04 **CASEWORK - ADA COAT CAB**
SCALE: 1" = 1'-0"

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No.	Description	Date
2	Addendum #2	4/9/26

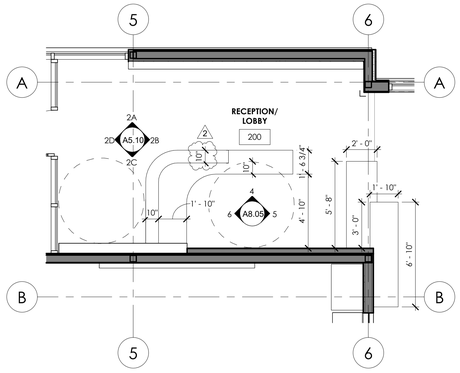
Project Number 2507
Date 3/16/2026

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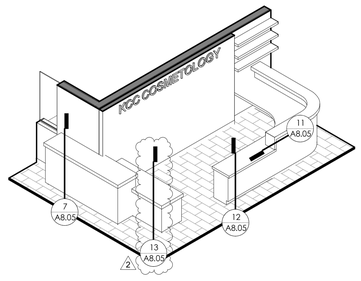
CASEWORK DETAILS AND SCHEDULE

A8.04

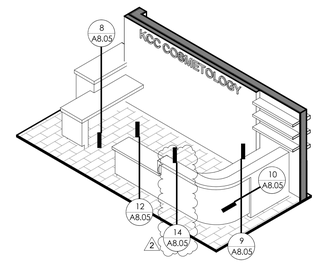
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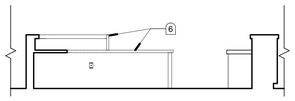
1 A8.05 **RECEPTION DESK ENLARGED PLAN**
SCALE: 1/4" = 1'-0"



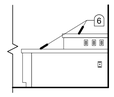
2 A8.05 **RECEPTION DESK - 3D**
SCALE:



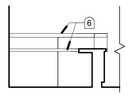
3 A8.05 **RECEPTION DESK - 3D**
SCALE:



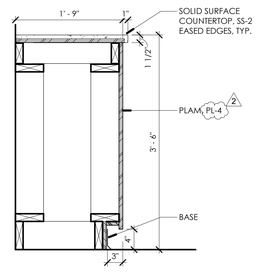
4 A8.05 **RECEPTION DESK**
SCALE: 1/4" = 1'-0"



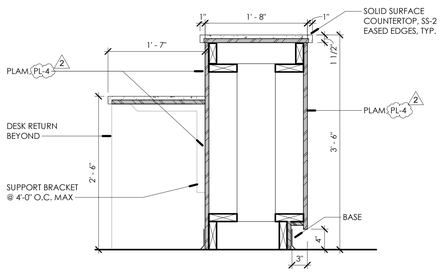
5 A8.05 **RECEPTION DESK**
SCALE: 1/4" = 1'-0"



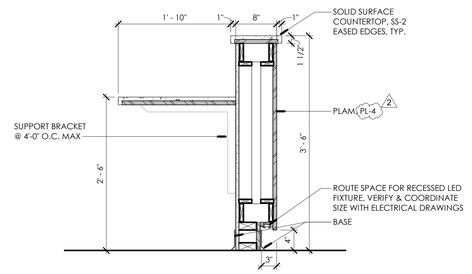
6 A8.05 **RECEPTION DESK**
SCALE: 1/4" = 1'-0"



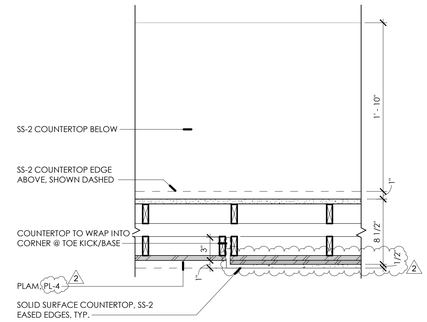
7 A8.05 **RECEPTION - STANDING COUNTER**
SCALE: 1" = 1'-0"



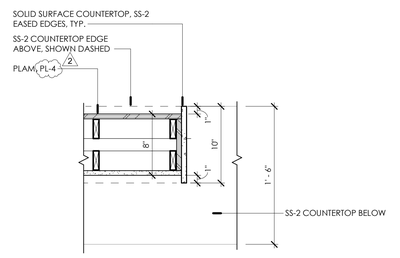
8 A8.05 **RECEPTION - STANDING COUNTER TO DESK**
SCALE: 1" = 1'-0"



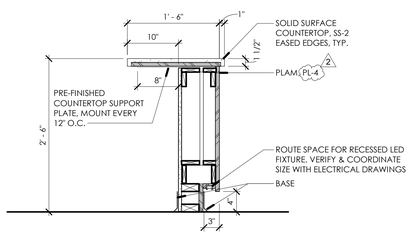
9 A8.05 **RECEPTION - MAIN DESK**
SCALE: 1" = 1'-0"



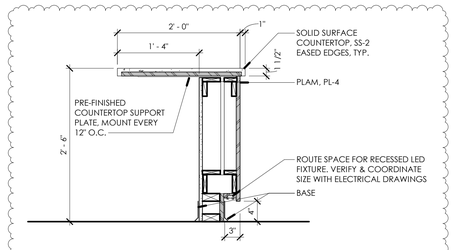
10 A8.05 **DESK - SS TRANSITION - PLAN**
SCALE: 1 1/2" = 1'-0"



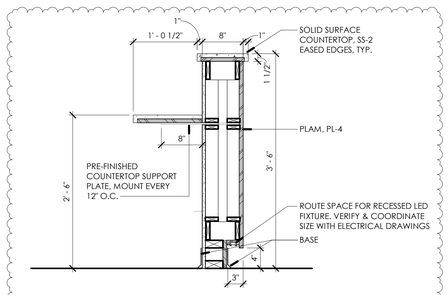
11 A8.05 **DESK - SS TRANSITION - PLAN - WATERFALL EDGE**
SCALE: 1 1/2" = 1'-0"



12 A8.05 **RECEPTION - MAIN DESK - ADA**
SCALE: 1" = 1'-0"



2 13 A8.05 **RECEPTION - DESK - ADA**
SCALE: 1" = 1'-0"



2 14 A8.05 **RECEPTION - MAIN DESK - UPPER**
SCALE: 1" = 1'-0"

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CASEWORK DETAILS - RECEPTION DESK

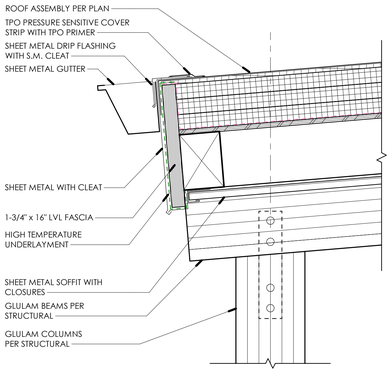
A8.05

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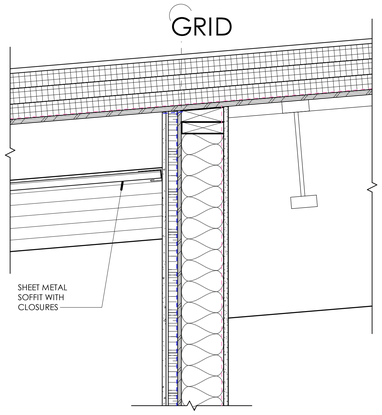
EPOXY PRIMER
FLUID APPLIED WATERPROOFING
PROTECTION MAT

2 FLUID APPLIED WRB (WRB-FA)
WRB (WRB)
VAPOR BARRIER

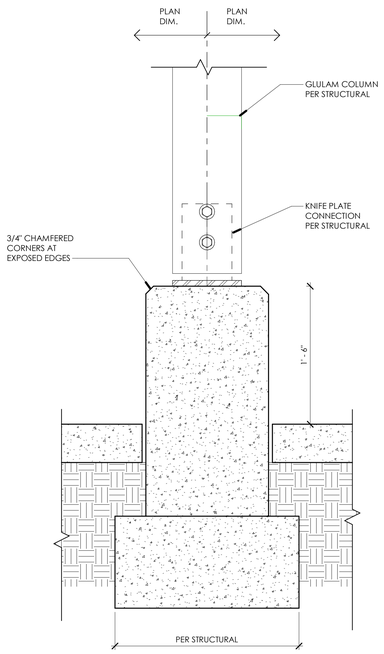
FLUID APPLIED FLASHING (FAF)
SELF-ADHERED MEMBRANE FLASHING (SAMF)
FOIL-FACED SELF-ADHERED MEMBRANE FLASHING (SAMF-FF)
SELF-ADHERED MEMBRANE THRU-WALL FLASHING (SAMF-TW)
SHEET METAL (SM) FLASHING

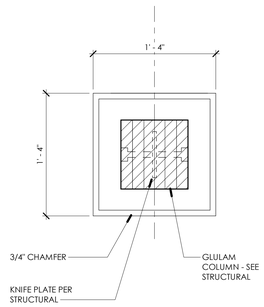


1 A8.08 **CANOPY FASCIA**
SCALE: 1 1/2" = 1'-0"



2 A8.08 **CANOPY @ GRID**
SCALE: 1 1/2" = 1'-0"





3 A8.08 **EXTERIOR - COLUMN BASE**
SCALE: 1 1/2" = 1'-0"

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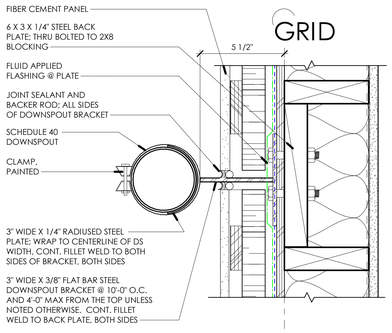
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EXTERIOR DETAILS - CANOPY

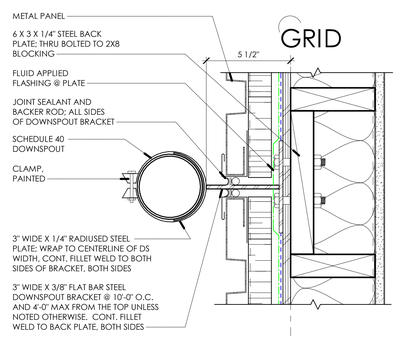
2 A8.08

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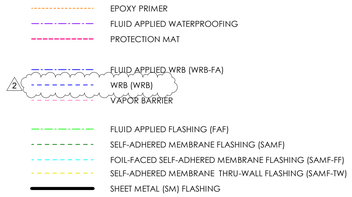
1 A8.09 **DOWNSPOUT @ FIBER CEMENT**

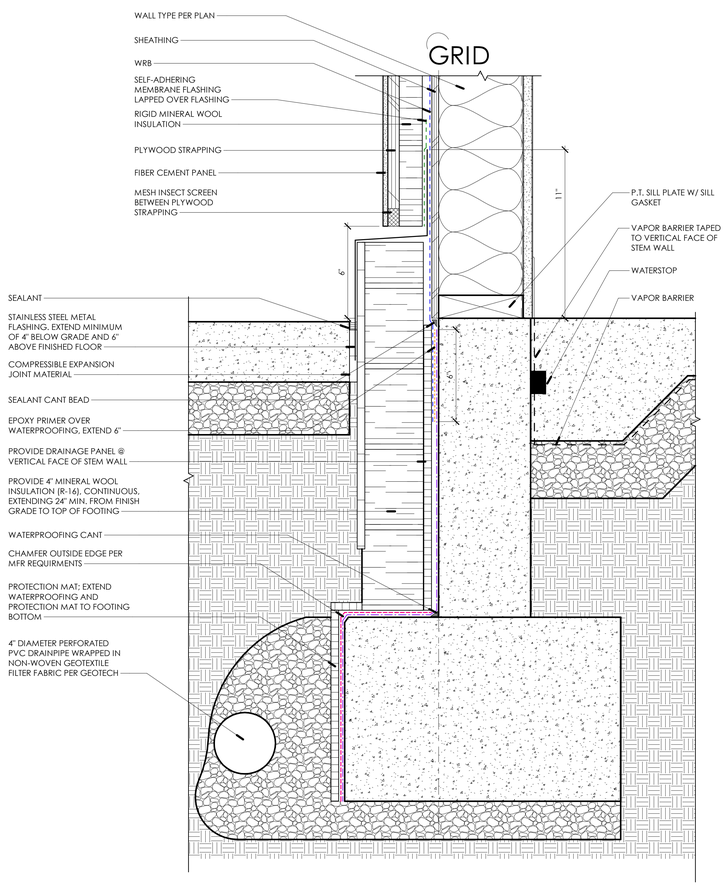
SCALE: 3" = 1'-0"



2 A8.09 **DOWNSPOUT @ METAL PANEL**

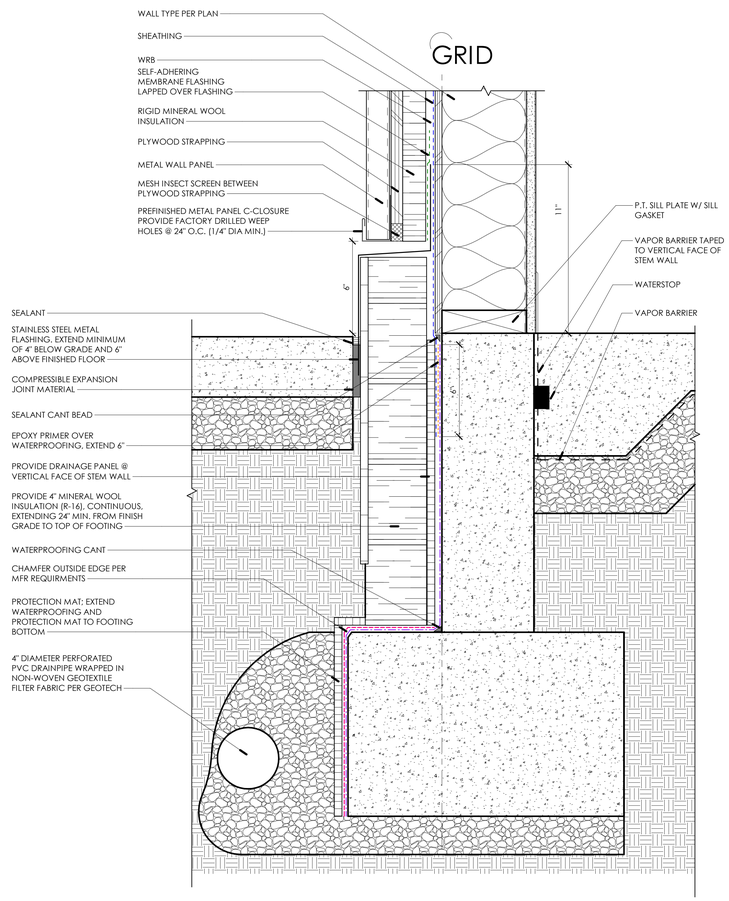
SCALE: 3" = 1'-0"





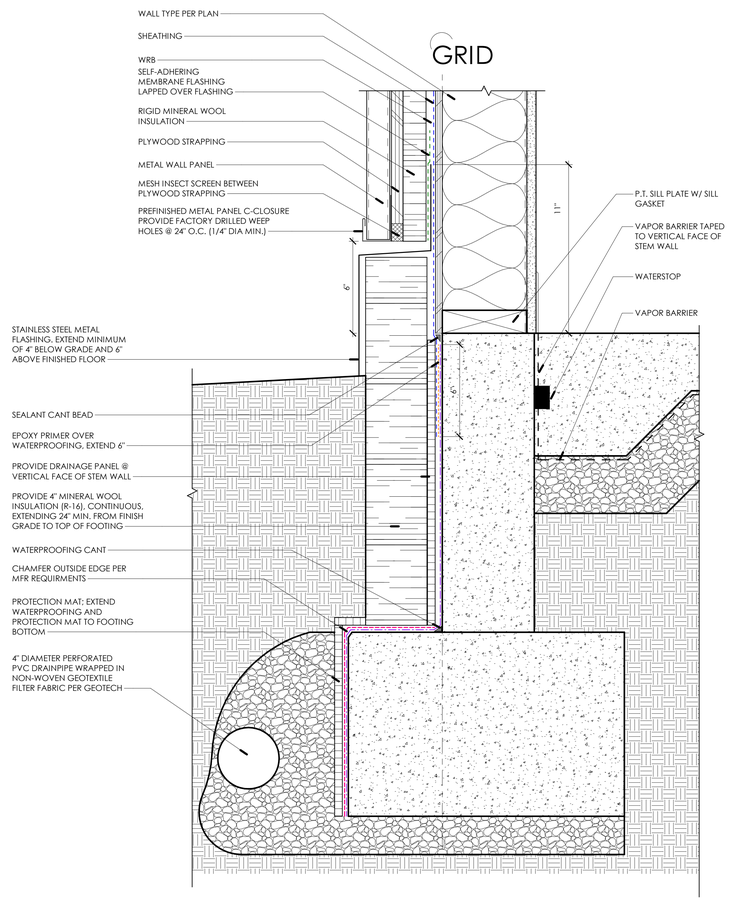
3 A8.09 **FOOTING @ FIBER CEMENT W/ SIDEWALK**

SCALE: 3" = 1'-0"



4 A8.09 **FOOTING @ METAL PANEL W/ SIDEWALK**

SCALE: 3" = 1'-0"



5 A8.09 **FOOTING @ METAL PANEL**

SCALE: 3" = 1'-0"

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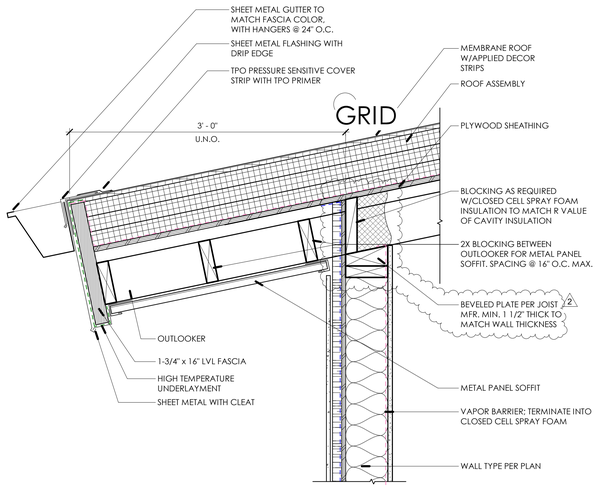
Project Number 2507
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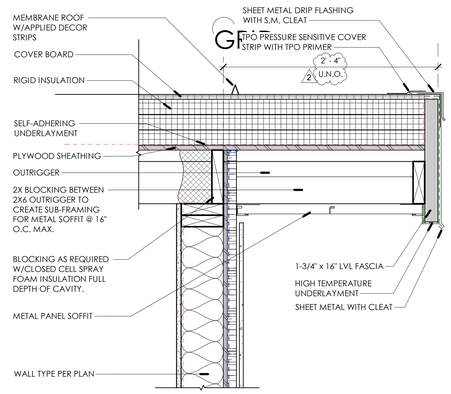
EXTERIOR DETAILS

2 A8.09

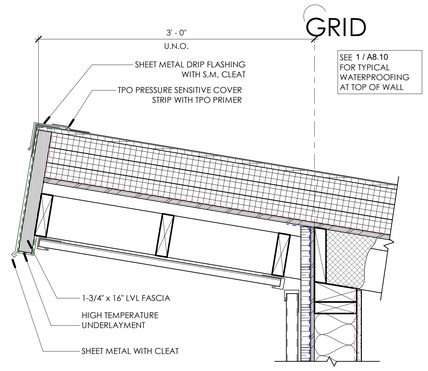
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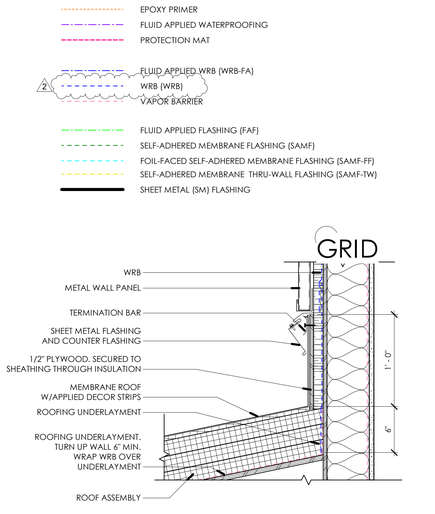
1 A8.10 **LOW EAVE, TYP.**
SCALE: 1 1/2" = 1'-0"



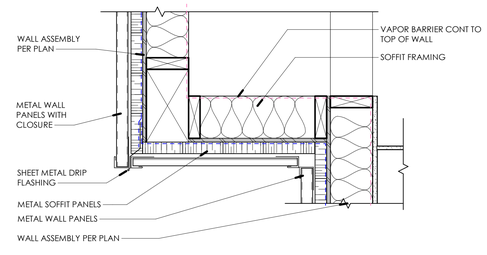
2 A8.10 **RAKE, TYP.**
SCALE: 1 1/2" = 1'-0"



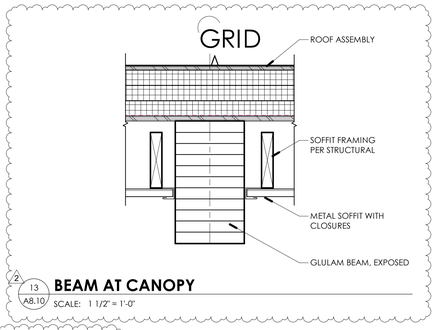
3 A8.10 **HIGH EAVE, TYP**
SCALE: 1 1/2" = 1'-0"



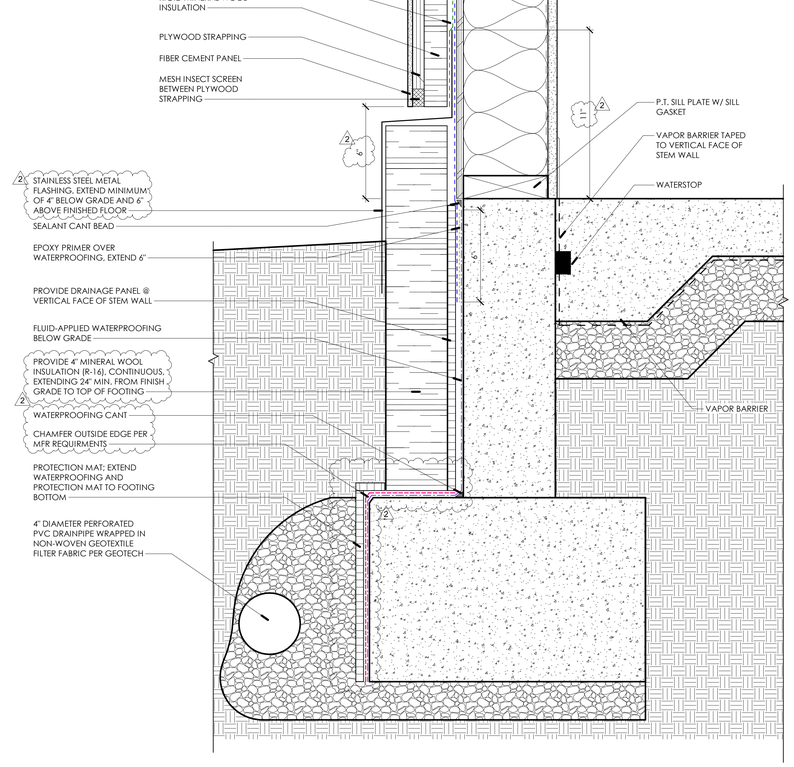
4 A8.10 **ROOF TO WALL**
SCALE: 1 1/2" = 1'-0"



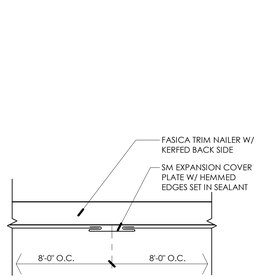
5 A8.10 **SOFFIT AT ALCOVE**
SCALE: 1 1/2" = 1'-0"



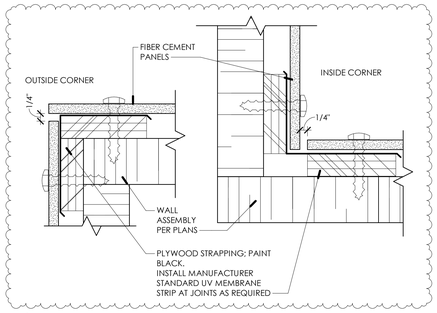
2 13 A8.10 **BEAM AT CANOPY**
SCALE: 1 1/2" = 1'-0"



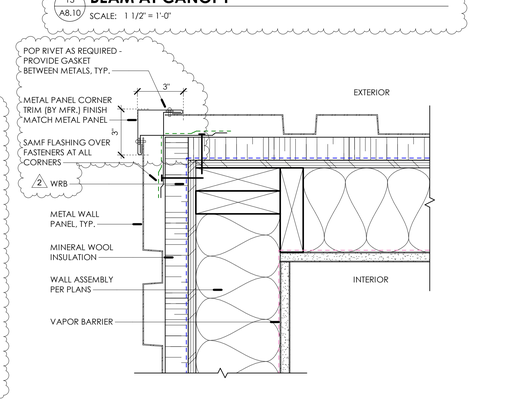
9 A8.10 **FOUNDATION @ FIBER CEMENT**
SCALE: 3" = 1'-0"



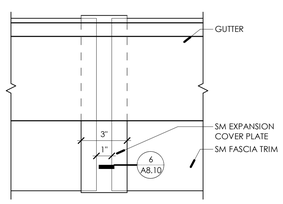
6 A8.10 **SM FASCIA EXPANSION SECTION**
SCALE: 3" = 1'-0"



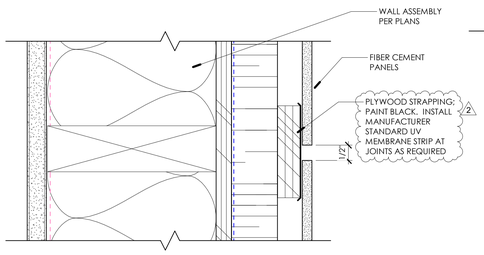
2 7 A8.10 **FIBER CEMENT - INSIDE & OUTSIDE CORNERS**
SCALE: 6" = 1'-0"



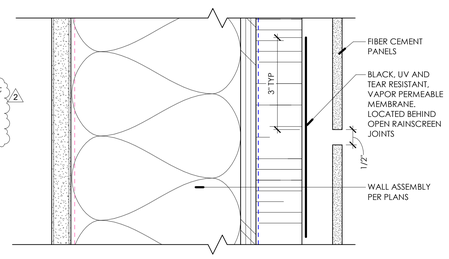
8 A8.10 **EXTERIOR CORNER @ METAL PANEL**
SCALE: 3" = 1'-0"



10 A8.10 **SM FASCIA EXPANSION**
SCALE: 3" = 1'-0"



11 A8.10 **VERTICAL FIBER CEMENT REVEAL**
SCALE: 6" = 1'-0"



12 A8.10 **HORIZONTAL FIBER CEMENT REVEAL**
SCALE: 6" = 1'-0"

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No.	Description	Date
2	Addendum #2	4/9/26

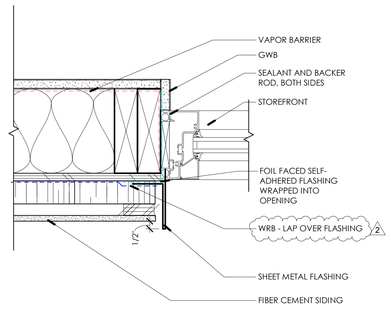
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Date 3/16/2026

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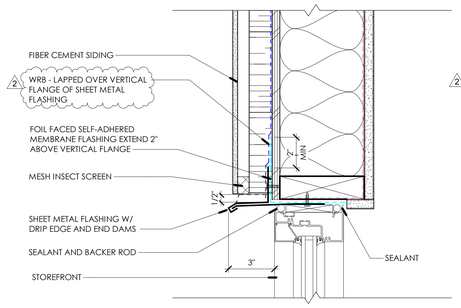
EXTERIOR DETAILS

A8.10

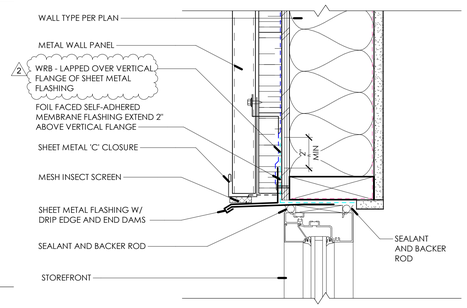
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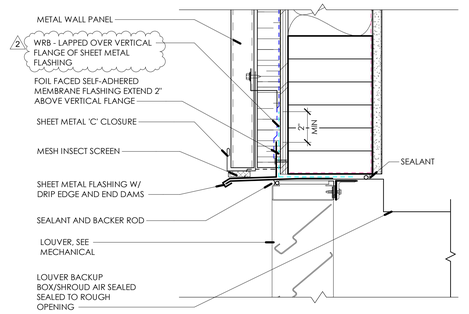
1 A8.11 **STOREFRONT - JAMB @ FIBER CEMENT**
SCALE: 3" = 1'-0"



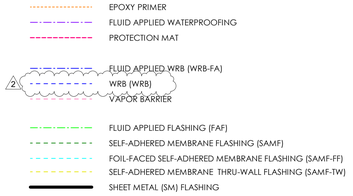
2 A8.11 **STOREFRONT - HEAD @ FIBER CEMENT**
SCALE: 3" = 1'-0"

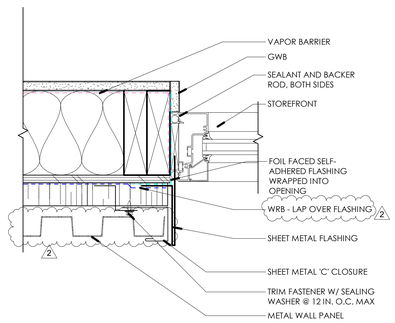


3 A8.11 **STOREFRONT - HEAD @ METAL PANEL**
SCALE: 3" = 1'-0"

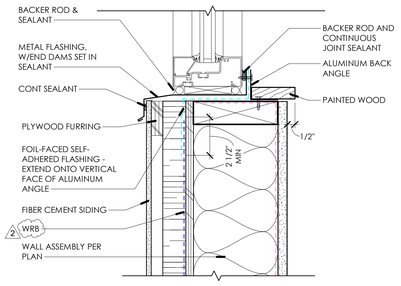


4 A8.11 **LOUVER - HEAD @ METAL PANEL**
SCALE: 3" = 1'-0"

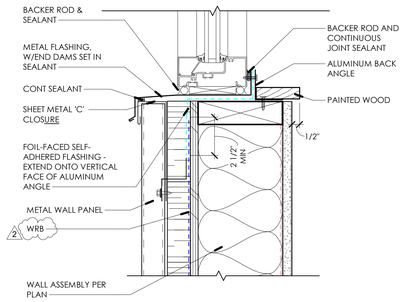




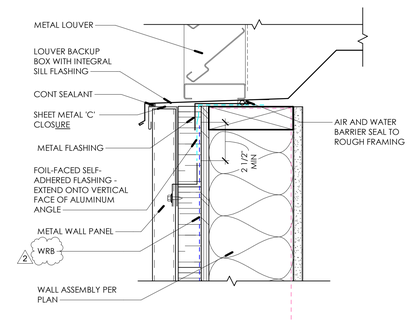
5 A8.11 **STOREFRONT - JAMB @ METAL PANEL**
SCALE: 3" = 1'-0"



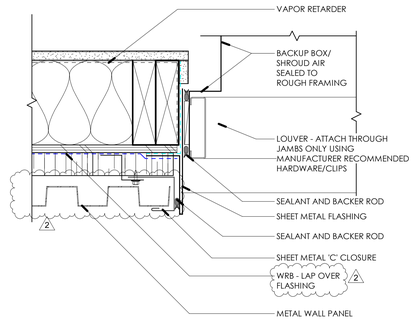
6 A8.11 **STOREFRONT - SILL @ FIBER CEMENT**
SCALE: 3" = 1'-0"



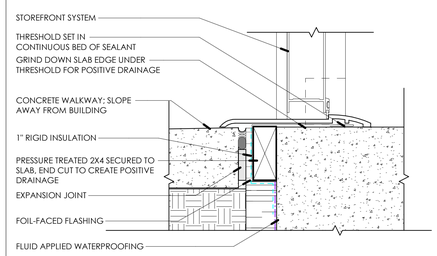
7 A8.11 **STOREFRONT - SILL @ METAL PANEL**
SCALE: 3" = 1'-0"



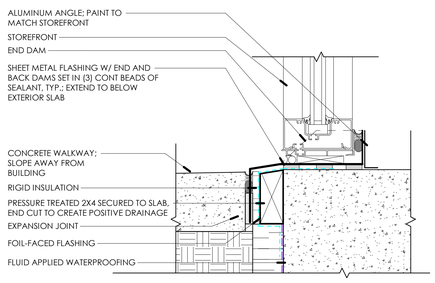
8 A8.11 **LOUVER - SILL @ METAL PANEL**
SCALE: 3" = 1'-0"



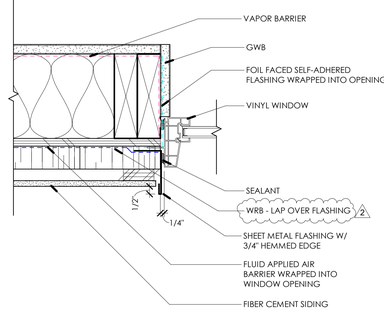
9 A8.11 **LOUVER - JAMB AT METAL PANEL**
SCALE: 3" = 1'-0"



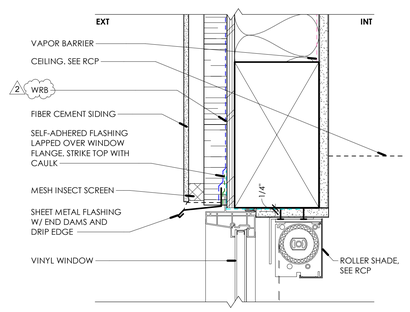
10 A8.11 **STOREFRONT - DOOR THRESHOLD**
SCALE: 3" = 1'-0"



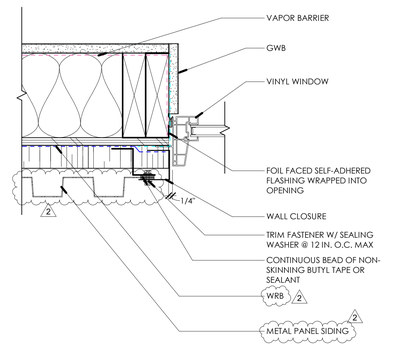
11a A8.11 **STOREFRONT - SILL @ SLAB**
SCALE: 3" = 1'-0"



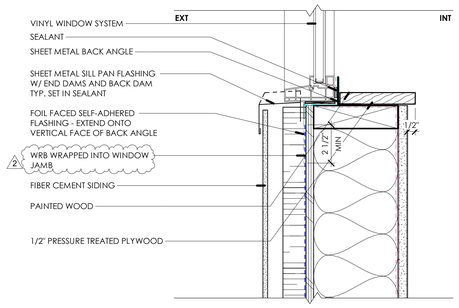
12 A8.11 **VINYL WINDOW - JAMB @ FIBER CEMENT**
SCALE: 3" = 1'-0"



13 A8.11 **VINYL WINDOW - HEAD @ FIBER CEMENT**
SCALE: 3" = 1'-0"



14 A8.11 **VINYL WINDOW - JAMB @ METAL PANEL**
SCALE: 3" = 1'-0"



15 A8.11 **VINYL WINDOW - SILL @ FIBER CEMENT**
SCALE: 3" = 1'-0"

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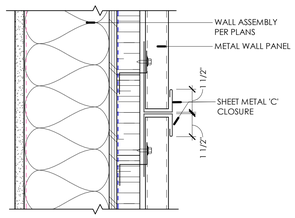
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EXTERIOR DETAILS - OPENINGS

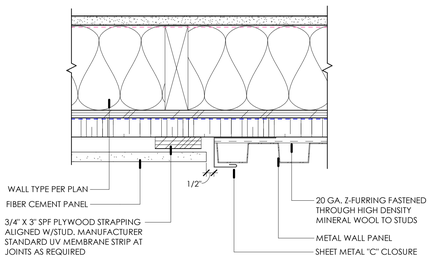
A8.11

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1 A8.12 **HORIZONTAL METAL PANEL REVEAL**

SCALE: 3" = 1'-0"



2 A8.12 **TRANSITION - FIBER CEMENT TO METAL PANEL**

SCALE: 3" = 1'-0"

EPOXY PRIMER
FLUID APPLIED WATERPROOFING
PROTECTION MAT

2 FLUID APPLIED WRB (WRB-FA)
WRB (WRB)
VAPOR BARRIER

FLUID APPLIED FLASHING (FAF)
SELF-ADHERED MEMBRANE FLASHING (SAMF)
FOIL-FACED SELF-ADHERED MEMBRANE FLASHING (SAMF-FF)
SELF-ADHERED MEMBRANE THRU-WALL FLASHING (SAMF-TW)
SHEET METAL (SM) FLASHING

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EXTERIOR DETAILS

A8.12

2

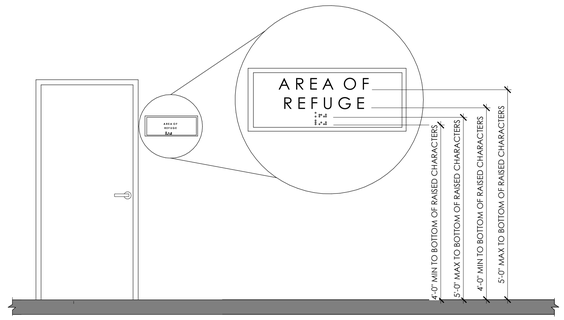
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INTERIOR FINISH LEGEND

SPEC SECTION	MATERIAL	ABBREVIATION	MANUFACTURER	MODEL NAME/ #	FINISH/COLOR	COMMENTS
03 3511	**CONCRETE FLOOR FINISHES**					
	SEALED CONCRETE	SC	N/A			
	POLISHED CONCRETE	PC	N/A			
06 2000	**FINISH CARPENTRY**					
	WOOD SILLS	WD-1			WOOD, PAINTED P-2	
	WOOD TRIM	WD-2			HEMLOCK, CLEAR MIXED GRAIN, CLEAR SATIN FINISH	
	WAINSCOT	WD-3			MDF, PAINTED P-2	
06 4100	**ARCHITECTURAL WOOD CASEWORK**					
	PLASTIC LAMINATE	PL-1	WILSONART	N/A	OILED SOAPSTONE, #4882-60	COUNTERTOPS; CHEMICAL RESISTANT LAMINATE
		PL-2	WILSONART	N/A	FAWN CYPRESS, #8208K-60	CABINET; CHEMICAL RESISTANT LAMINATE
		PL-3	WILSONART	N/A	PEARL SOAPSTONE, #4886-60	COUNTERTOPS; CHEMICAL RESISTANT LAMINATE
		PL-4	WILSONART	N/A	SOLANO WALNUT #17018-K-67	RECEPTION DESK
	COMPACT LAMINATE	2 PL-5	WILSONART	COMPACT LAMINATE, DOUBLE FACED, 1" THICK	BLACK #1595-60	RESTROOM BENCH
08 1416	**FLUSH WOOD DOORS**					
	WOOD DOOR	DR-1	VT INDUSTRIES		WHITE BIRCH, CLEAR FINISH	
09 3000	**TILING**					
	CERAMIC TILE	CT-1	VITL SURFACES	MIDTOWN UNGLAZED PORCELAIN 3"x12"	SEE 8/A5.01 FOR PATTERN REPEAT. COLORS: ANTHRACITE, SAGE, CREAM	LONG LEAD TIME ITEM, PLAN SUFFICIENT TIME FOR ORDERING
	GROUT	GRT-1	LATICRETE	TBD	2 TBD	EPOXY GROUT
09 5100	**ACOUSTICAL CEILINGS**					
	ACOUSTICAL CEILING TILE	ACT-1	ARMSTRONG	ULTIMA TEGULAR, 2'X4', 1944	WHITE	
	ACOUSTICAL CEILING TILE	ACT-2	ARMSTRONG	LYRA TEGULAR PB, 1'X4', 8377PB	WHITE	
	ACOUSTICAL CEILING PANEL	ACP-1	ARMSTRONG	LYRA DIRECT APPLY, 2'X6'	WHITE	
09 6500	**RESILIENT FLOORING**					
	RESILIENT TILES	RT-1	SHAW CONTRACT	MINERAL FLOOR	BASIS, ELABORATE, 4339V-39504	
		RT-2	SHAW CONTRACT	MINERAL FLOOR	ORIGIN, THEORY, 4338V-38140	
		2 RT-3	SHAW CONTRACT	RESIDE 12 MIL LUXURY VINYL PLANK	TBD	
	RUBBER STAIR FLOORING	RST-1	TARKETT/JOHNSONITE	STAIR TREAD/RISER, STRINGER, AND LANDING TILES	VL2 WHISPERING MIST WITH BLACK RUBBER INSERT STRIP AT NOSING	RAISED ROUND TEXTURE
	RUBBER BASE	RB-1	TARKETT/JOHNSONITE	4" COVE BASE	VL2 WHISPERING MIST	
		RB-2	TARKETT/JOHNSONITE	"MILLWORK" RUBBER WALL BASE	MONUMENT 4", COLOR: VL2 WHISPERING MIST, #MW-VL2-S4	.25" THICK
09 6813	**TILE CARPETING**					
	CARPET TILES	CPT	SHAW CONTRACT	SUBTEXT TILE, 9" X 36" TILE	5T409, VERSE 05375	INSTALLATION: ASHLAR
	WALK OFF MAT	WOM	SHAW CONTRACT	PORTAL TILE, 24" X 24" TILE	5T035, LAVA 34549	INSTALLATION: ASHLAR
09 7200	**WALLCOVERINGS**					
		WP-2	MOMENTUM TEXTILES	VANTAGE III, PVC FREE TYPE III WALLCOVERING	LUZON, AFP02-04 KAOLIN	
		WP-3	MDC INTERIORS	TYPE III WALLCOVERING, DS LINEN WITH PROTECTIVE TOP COAT	CUSTOM DIGITAL PRINT, MDC TO PURCHASE IMAGE	IMAGE: SHUTTERSTOCK.COM, ASSET ID: 334521233, "ABSTRACT BACKGROUND IN AGAVE LEAVES...
09 8414	**ACOUSTIC FABRIC WALL SYSTEMS**					
	ACOUSTICAL WALL PANELS	AWP-1	FABRITRAK	1" THICK FABRIC-WRAPPED ACOUSTICAL PANEL	FABRIC: SAHARA MATTE 6089-603	WITH GEOTRACK SQUARE PROFILE, TERRACORE POLY PERFORMANCE INFILL
09 9000	**PAINTING**					
	PAINT	P-1	SHERWIN WILLIAMS	SEE SPECIFICATIONS	SW7636, ORIGAMI WHITE	FIELD
		P-2	SHERWIN WILLIAMS	SEE SPECIFICATIONS	SW7044 AMAZING GRAY	HM FRAMES & PANELS, WOOD TRIM
		P-3	SHERWIN WILLIAMS	SEE SPECIFICATIONS	SW9133 JASPER STONE	ACCENT
		2 P-4	NOT USED			
		P-5	SHERWIN WILLIAMS	SEE SPECIFICATIONS	SW7625 MT ETNA	ACCENT
		2 P-6	SCUFFMASTER	SCRUBTOUGH	MATCH TO SHERWIN WILLIAMS PAINT COLOR	SW6215 ROCKY RIVER
		P-7	SCUFFMASTER	SCRUBTOUGH	MATCH TO SHERWIN WILLIAMS PAINT COLOR	MATCH TO P-1
10 1101	**VISUAL DISPLAY BOARDS**					
	MARKER BOARD	MB	CLARIDGE	PORCELAIN ENAMEL MARKER BOARD		
10 2123	**CUBICLE CURTAINS**					
	CURTAIN TRACK	2	SAMPSON MILLS	F120 HAND OPERATED SUSPENDED TRACK SYSTEM	ANODIZED ALUMINUM FINISH	
	CURTAIN FABRIC		MOMENTUM	SOLACE	4852 3	HOLD CURTAINS 1'-0" ABOVE FINISHED FLOOR
10 2601	**WALL AND CORNER GUARDS**					
	CORNER GUARDS	2 CG-1			1.5" STAINLESS STEEL, 3'-4" HIGH	
		CG-2			1.5" STAINLESS STEEL, 7'-2" HIGH	
		CG-3			1.5" STAINLESS STEEL, 6' HIGH	
	WALL PROTECTION	WP-1	CS ACROVYN	PVC FREE SHEET, .040" THICK, SUEDE TEXTURE	BLUE SILK #930	SHAMPOO AREA, CLASSROOMS, LAUNDRY
	WALL PROTECTION	WP-4	CS ACROVYN	PVC FREE SHEET, .040" THICK, SUEDE TEXTURE	OZARK #314	NAIL SALON, JANITOR CLOSET
10 5100	**METAL LOCKERS**					
		2 LOCKERS	SUPERIOR LIST INDUSTRIES	#738 CHARCOAL	HALLWAY	
12 2400	**WINDOW SHADES**					
	ROLLER SHADES	RS-1	MECHOSHADE	FABRIC: ECOVEIL, 3% OPEN	#1569 SILVER BIRCH	
		RS-2	MECHOSHADE	FABRIC: CHELSEA BLACKOUT	#2806 SILVER BIRCH	
12 3600	**COUNTERTOPS**					
		2 SS-1	CORIAN		ASH CONCRETE	COUNTERTOP BID ALTERNATE FOR PL-3
		SS-2	FORMICA		742 BLANCO TERRAZZO	RECEPTION DESK TOP/FACE
		SS-3	CORIAN		CARBON CONCRETE	COUNTERTOP BID ALTERNATE FOR PL-1

ROOM FINISH SCHEDULE

ROOM NAME	ROOM NUMBER	WALL FINISH				WALL PAINT SYSTEM	CEILING FINISH	CEILING PAINT SYSTEM	BASE FINISH	COMMENTS
		NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL					
NAIL/ ESTHETICS THEORY	100	P-1/WP-1	P-1/WP-1	P-1/WP-1	P-1/WP-1	PS-1B	P-1		RB-1	P-1 ON SOFFI
ESTHETICS LAB	101	P-1/WP-1	P-1/WP-1	P-1/WP-1	P-1/WP-1	PS-1B	P-1		RB-1	P-1 ON SOFFIT
LARGE OFFICE	102	P-1	P-1	P-1	P-1	PS-1B			RB-1	
OFFICE	104	P-1	P-1	P-1	P-1	PS-1B			RB-1	
OFFICE	105	P-1	P-1	P-1	P-1	PS-1B			RB-1	
OFFICE	106	P-1	P-1	P-1	P-1	PS-1B			RB-1	
HALL A	107	P-5	P-1	P-1	P-1	PS-1B			RB-1	
OFFICE	108	P-1	P-1	P-1	P-1	PS-1B			RB-1	
BARBER/ COLOR THEORY	109	P-1/WP-1	P-1/WP-1	P-1/WP-1	P-1/WP-1	PS-1B			RB-1	
CLASSROOM SHAMPOO	110	P-1/WP-1	P-1/WP-1	P-1/WP-1	P-1/WP-1	PS-1A	P-1		RB-1	
2 HAIR/ TEXTURE	111	P-1/WP-1	P-1/WP-1	P-1/WP-1	P-1/WP-1	PS-1B			RB-1	
HALL B	112	P-1/WD-3	P-1/WD-3	P-1/WD-3	P-1/WD-3	PS-1B/PS-4			RB-1	
COLLAB	113	P-3	P-3	P-3	P-3	PS-1B			RB-1	
CLASSROOM STORAGE	114	P-1	P-1	P-1	P-1	PS-1B			RB-1	
VEST.	115	P-1	P-1	P-1	P-1	PS-1B	P-1		RB-2	
MECH MEZZANINE	181	P-1	P-1	P-1	P-1	PS-1B	P-1		RB-1	
RECEPTION/ LOBBY	200	P-1/WP-2		P-1/WP-2	P-1	PS-1B	P-1/WD-2	PS-1B/PS-5	RB-2	P-1 ON SOFFIT
NAIL/ PEDI	201	2 P-6/WP-4	P-1	WP-3	P-1/WP-4	2 PS-1B/PS-6	P-1	PS-1B	RB-2	P-1 ON SOFFIT
SALON/CUTTING	202	P-1/P-7	P-1/P-7	P-6	P-1/P-7	PS-1B/PS-6	P-1/ACP-1	PS-1B	RB-2	P-1 ON EXPOSED DRYWALL
HALL C	203	P-1/P-7		P-6	P-1/P-7	PS-1B/PS-6	P-1	PS-1B	RB-2	
TOILET ADA	204	P-1/CT-1	P-1/CT-1	P-1/CT-1	P-1/CT-1	PS-1A	P-1	PS-1B		TILE TO FLOOR WITH METAL COVE
ALL GENDER RR	205		P-1/CT-1	P-1	P-1/CT-1	PS-1A	P-1	PS-1B	RB-1	OMIT RB-1 AT TILED WALL, TILE TO FLOOR WITH METAL COVE
STAIR	206	P-1	P-1	P-1	P-1	PS-1B			RB-1	
TOILET ADA	207	P-1	P-3	P-1	P-1	PS-1A	P-1	PS-1B	RB-1	
RR	208	P-1	P-3	P-1	P-1	PS-1A	P-1	PS-1B	RB-1	
RR	209	P-1	P-3	P-1	P-1	PS-1A	P-1	PS-1B	RB-1	
RR	210	P-1	P-3	P-1	P-1	PS-1A	P-1	PS-1B	RB-1	
RR	211	P-1	P-3	P-1	P-1	PS-1A	P-1	PS-1B	RB-1	
RR	212	P-1	P-3	P-1	P-1	PS-1A	P-1	PS-1B	RB-1	
RR	213	P-1	P-3	P-1	P-1	PS-1A	P-1	PS-1B	RB-1	
FACIAL BAR	214		2 P-6	P-1	P-6	2 PS-1B/PS-6	P-1	PS-1B	RB-2	
WAX	215	P-3	P-3	P-3	P-3	PS-1B	P-1		RB-2	
WAX	216	P-3	P-3	P-3	P-3	PS-1B	P-1		RB-2	
FACIAL/ MASSAGE ESTHETICS	217	P-5	P-5	P-5	P-5	PS-1B			RB-2	
LAUNDRY	218	P-1	P-1	P-1	P-1	PS-1B			RB-1	
BLDG STORAGE	219	P-1	P-1	P-1	P-1	PS-1B			RB-1	
FIRE RISER	220	P-1	P-1	P-1	P-1	PS-1B	P-1	PS-1B	RB-1	
ELECTRICAL	221	P-1	P-1	P-1	P-1	PS-1B	P-1	PS-1B	RB-1	
JANITOR	222	P-1	P-1	P-1	P-1	PS-1B			RB-1	WP-4 AT MOP SINK
MDF 2	223	P-1	P-1	P-1	P-1	PS-1B	P-1	PS-1B	RB-1	



1 A9.01 **SIGNAGE - ADA HEIGHTS**
SCALE: 1/2" = 1'-0"

GENERAL NOTES

A. SEE SHEET G0.01 FOR ARCHITECTURAL ABBREVIATIONS AND SYMBOLS
B. SEE SHEET G0.04 FOR WALL TYPES
C. SEE SHEET A8.01 FOR DOOR SCHEDULE
D. PLAN DIMENSIONS ARE MEASURED FROM THE OUTSIDE FACE OF STUDS / FACE OF CONCRETE ON EXTERIOR WALLS TO THE CENTER LINES OF INTERIOR WALLS AND OPENINGS U.N.O.
E. GRID LINES ALIGN WITH FACE OF STUD U.N.O.
F. SEE FINISH MATERIAL LEGEND TO IDENTIFY FINISH MATERIAL PRODUCT INFORMATION
G. SEE A5.0 SERIES FOR ADDITIONAL WALL FINISHES NOT NOTED ON THIS PLAN
H. ALL GYP. BOARD WALLS AND CEILINGS TO BE PAINTED P-1 U.N.O
I. EXTEND FLOOR FINISHES UNDER APPLIANCES, BUILT-IN COUNTERTOPS, AND CASEWORK
J. FLOORING TRANSITIONS THAT OCCUR AT DOOR OPENINGS TO BE CENTERED IN OPENING U.N.O.

INTERIOR ROOM SIGNAGE
- ROOM NAMES SHOWN FOR EXAMPLE ONLY
- SEE SPECIFICATIONS, SECTION 10 1400 FOR FURTHER DETAILS

PLATE TYPE A
6" W x 4" H
"EXIT" TEXT & BRAILLE

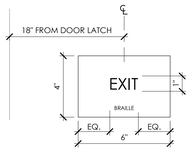


PLATE TYPE B
REGULATORY SIZE
BRAILLE IN ENGLISH



PLATE TYPE C
REFER TO CODE SHEET

PLATE TYPE D

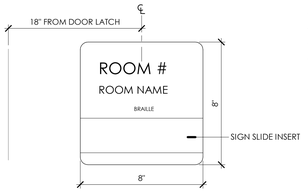
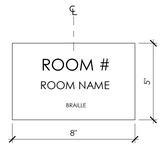


PLATE TYPE E
8" W x 5" H
BRAILLE IN ENGLISH



2 A9.01 **SIGNAGE - INTERIOR TYPES**
SCALE: 3" = 1'-0"

SIGN SCHEDULE

ROOM NAME	ROOM NUMBER	SIGN TYPE	SIGNAGE NOTES
NAIL/ ESTHETICS THEORY	100	E	1
ESTHETICS LAB	101	E	1
LARGE OFFICE	102	D	1
OFFICE	104	D	1
OFFICE	105	D	1
OFFICE	106	D	1
HALL A	107		
OFFICE	108	D	1
BARBER/ COLOR THEORY	109	E	1
CLASSROOM SHAMPOO	110	E	1
HAIR/ TEXTURE	111	E	1
HALL B	112		
COLLAB	113	E	1
CLASSROOM STORAGE	114	E	1
VEST.	115		
MECH MEZZANINE	181	E	2
RECEPTION/ LOBBY	200		
NAIL/ PEDI	201	E	1
SALON/CUTTING	202	E	1
HALL C	203		
TOILET ADA	204	B	1
ALL GENDER RR	205	B	1
TOILET ADA	207	B	1
RR	208		
RR	209		
RR	210		
RR	211		
RR	212		
RR	213		
FACIAL BAR	214	E	1
WAX	215	E	1
WAX	216	E	1
FACIAL/ MASSAGE ESTHETICS	217	E	1
LAUNDRY	218	E	1
BLDG STORAGE	219	E	1
FIRE RISER	220	E	2
ELECTRICAL	221	E	2
JANITOR	222	E	1
MDF	223	E	2

SIGNAGE NOTES
1. OFOI, FINAL DESIGNATED NAME AND ROOM NUMBER TO BE VERIFIED WITH OWNER
2. CFCI, PAINTED ON DOOR
3. SEE SPECIFICATIONS, SECTION 10 1400 FOR FURTHER DETAILS

BBT ARCHITECTS
1140 sw Simpson Ave. - Suite 200
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REGISTERED ARCHITECT Kyle Burke Bend, OR 12047 STATE OF OREGON

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR 97603

No.	Description	Date
2	Addendum #2	4/9/26

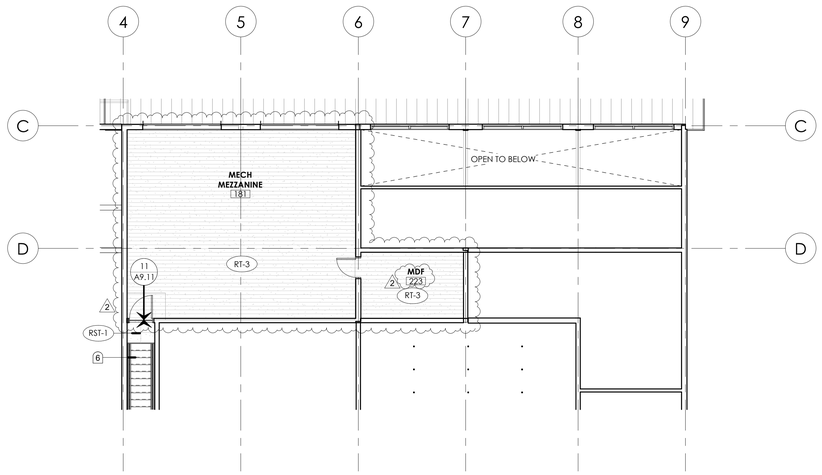
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

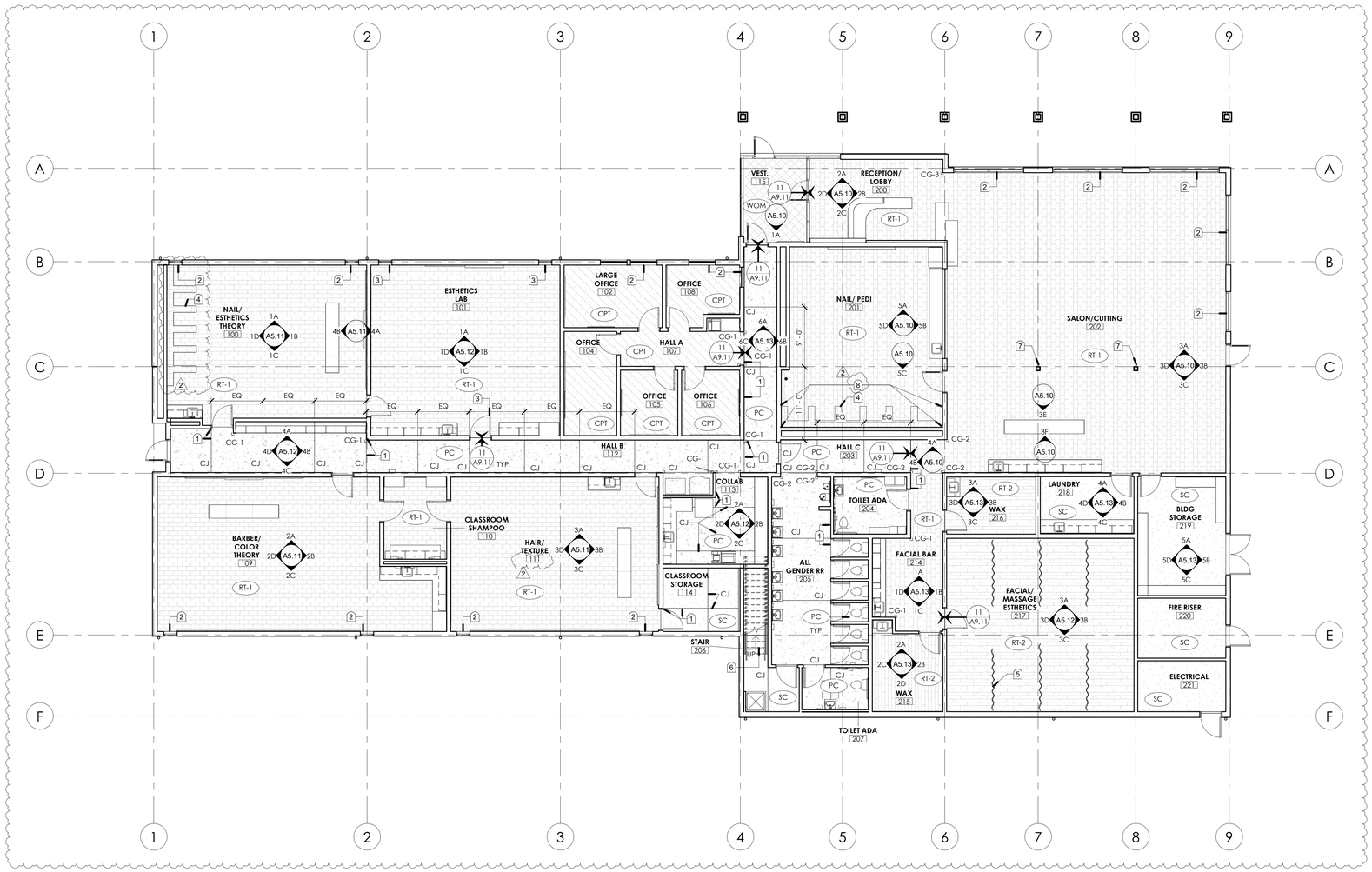
FINISH LEGEND & SCHEDULES

A9.01

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2 A9.10 **MECHANICAL MEZZANINE**
SCALE: 1/8" = 1'-0"



2 A9.10 **FINISH FLOOR PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. SEE SHEET G0.01 FOR ARCHITECTURAL ABBREVIATIONS AND SYMBOLS
B. SEE SHEET G0.04 FOR WALL TYPES
C. SEE SHEET A8.01 FOR DOOR SCHEDULE
D. PLAN DIMENSIONS ARE MEASURED FROM THE OUTSIDE FACE OF STUDS / FACE OF CONCRETE ON EXTERIOR WALLS TO THE CENTER LINES OF INTERIOR WALLS AND OPENINGS U.N.O.
E. GRID LINES ALIGN WITH FACE OF STUD U.N.O.
F. SEE FINISH MATERIAL LEGEND TO IDENTIFY FINISH MATERIAL PRODUCT INFORMATION
G. SEE A5.0 SERIES FOR ADDITIONAL WALL FINISHES NOT NOTED ON THIS PLAN
H. ALL GYP. BOARD WALLS AND CEILINGS TO BE PAINTED P-1 U.N.O
I. EXTEND FLOOR FINISHES UNDER APPLIANCES, BUILT-IN COUNTERTOPS, AND CASEWORK
J. FLOORING TRANSITIONS THAT OCCUR AT DOOR OPENINGS TO BE CENTERED IN OPENING U.N.O.

FINISH PLAN KEYNOTES

1 ALIGN
2 RS-1 WINDOW SHADE
3 RS-2 BLACKOUT SHADE ON WINDOW
4 RT-1 FLOORING ON VENTING PEDESTALS, TYP.
5 DIVIDER CURTAIN ON TRACK, TYP.
6 RST-1 RUBBER TREADS AND ACCESSORIES ON STAIR
7 PAINT EXPOSED STEEL PORTION OF COLUMN P-5
2 8 OMIT WALL BASE AT VENTILATION PEDESTAL, SEE DETAIL

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REGISTERED ARCHITECT
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Bend, OR
12047
STATE OF OREGON

KLAMATH COMMUNITY COLLEGE - COSMETOLOGY CENTER

7390 S 6TH STREET
KLAMATH FALLS, OR
97603

No.	Description	Date
2	Addendum #2	4/9/26

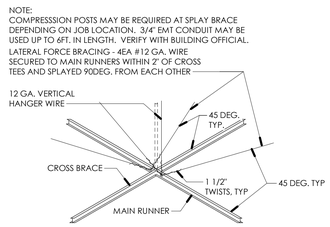
Project Number 2507
Date 3/16/2026

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FINISH PLAN - LEVEL 1

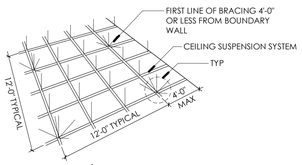
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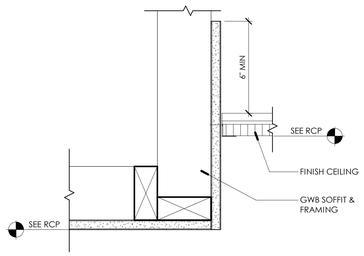
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1 A9.11 CEILING - SUSPENDED CEILING SEISMIC BRACING

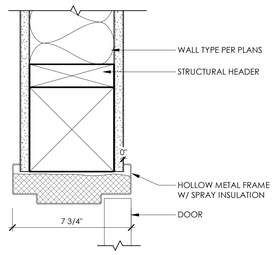
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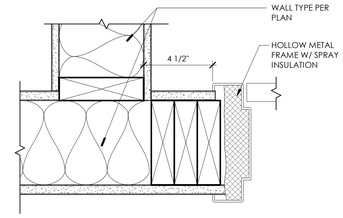
2 A9.11 GYPSUM WALLBOARD SOFFIT

SCALE: 3" = 1'-0"



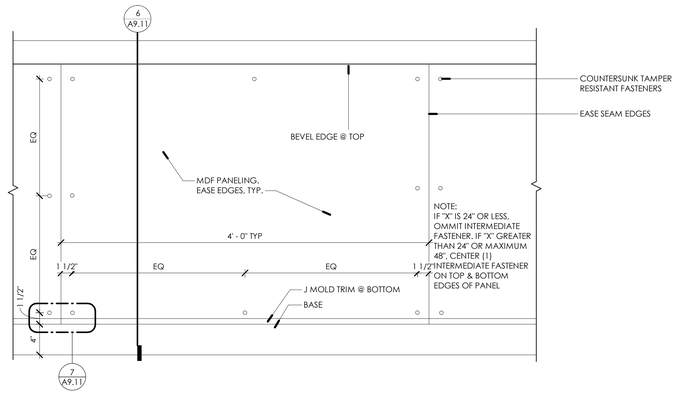
3 A9.11 INT. DOOR - HM FRAME - HEAD @ STUD

SCALE: 3" = 1'-0"



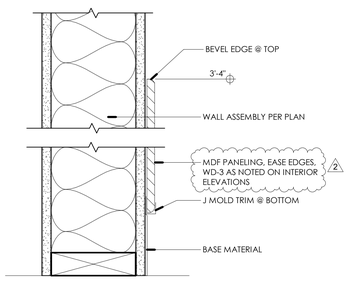
4 A9.11 INT. DOOR - HM FRAME - JAMB @ STUD

SCALE: 3" = 1'-0"



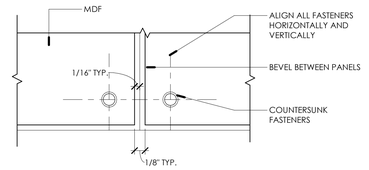
5 A9.11 MDF WAINSCOT

SCALE: 1 1/2" = 1'-0"



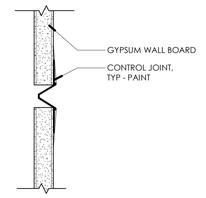
6 A9.11 MDF WALL PROTECTION - WAINSCOT

SCALE: 3" = 1'-0"



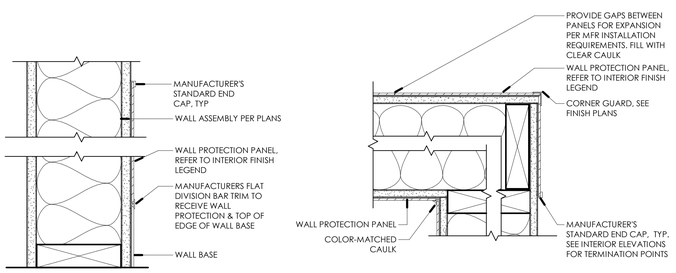
7 A9.11 INTERIOR - MDF FASTENERS

SCALE: 3" = 1'-0"



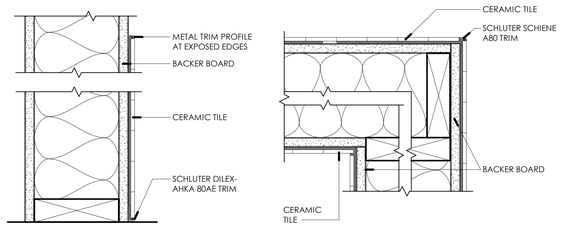
8 A9.11 INTERIOR - CONTROL JOINT

SCALE: 6" = 1'-0"



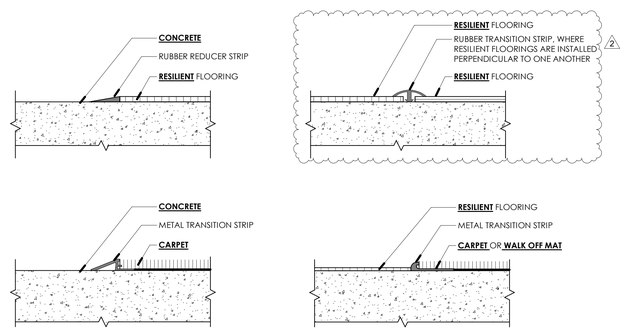
9 A9.11 WALL PANEL - ACROVYN

SCALE: 3" = 1'-0"



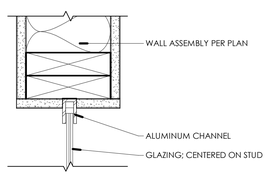
10 A9.11 INTERIOR - CERAMIC TILE - SCHLUTER BASE TRIM

SCALE: 3" = 1'-0"



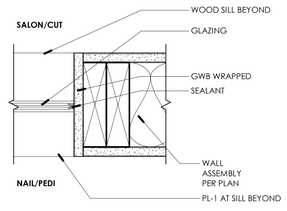
11 A9.11 FLOOR - TRANSITION STRIPS

SCALE: 6" = 1'-0"



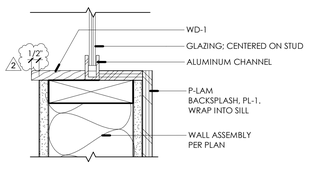
12 A9.11 BUTT GLAZING - HEAD, TYP

SCALE: 3" = 1'-0"



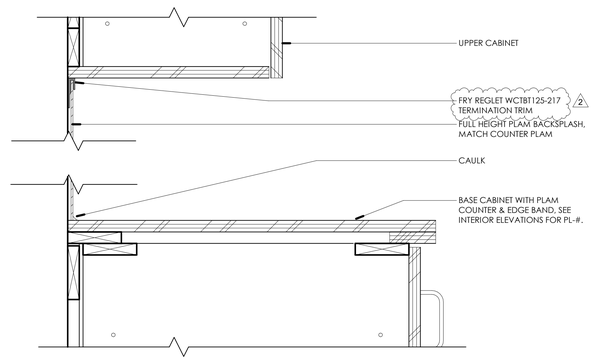
13 A9.11 BUTT GLAZING - JAMB

SCALE: 3" = 1'-0"



14 A9.11 BUTT GLAZING - SILL, TYP.

SCALE: 3" = 1'-0"



15 A9.11 FULL-HEIGHT BACKSPLASH

SCALE: 3" = 1'-0"

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No.	Description	Date
2	Addendum #2	4/9/26

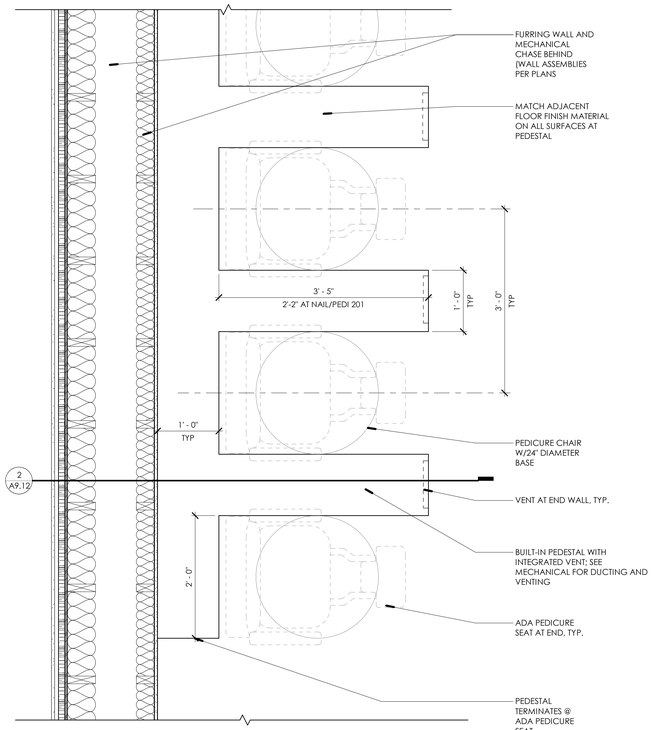
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Date 3/16/2026

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INTERIOR DETAILS

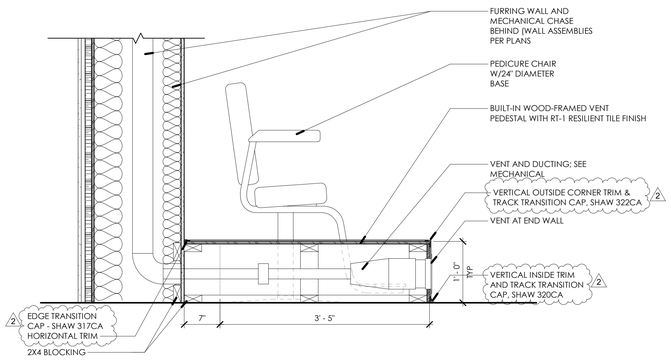
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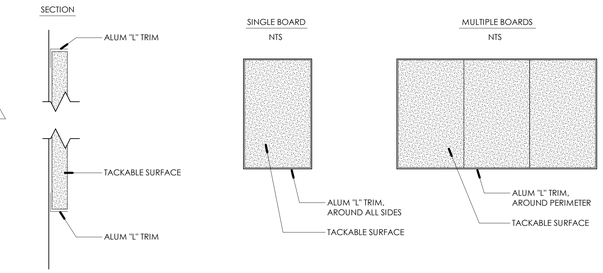
1 A9.12 INTERIOR - FLOOR PLAN - PEDICURE VENT PEDESTAL, TYP.

SCALE: 1" = 1'-0"



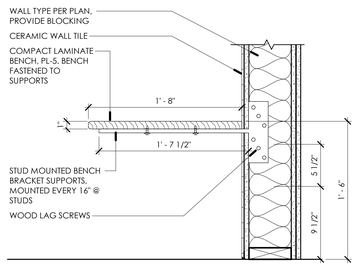
2 A9.12 INTERIOR - SECTION - PEDICURE VENT PEDESTAL

SCALE: 1" = 1'-0"



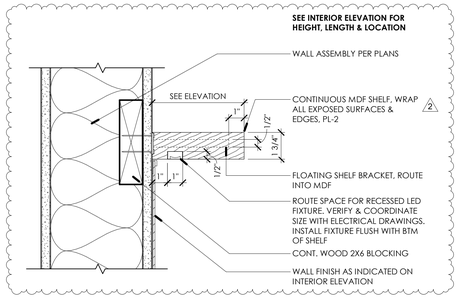
3 A9.12 INTERIOR - TACKABLE WALL SURFACE

SCALE: 12" = 1'-0"



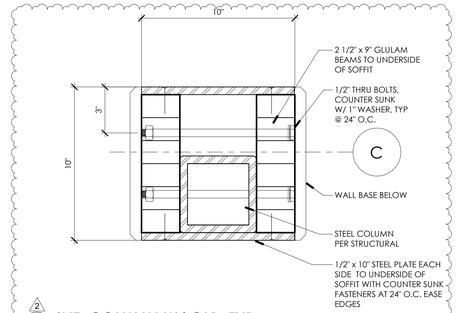
4 A9.12 BENCH @ WALL

SCALE: 1 1/2" = 1'-0"



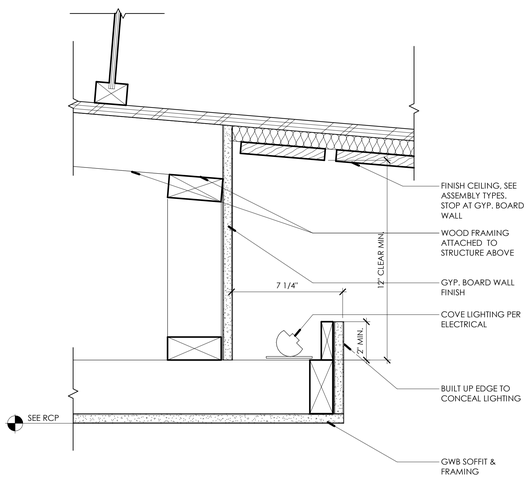
5 A9.12 FLOATING SHELF - RECEPTION

SCALE: 3" = 1'-0"



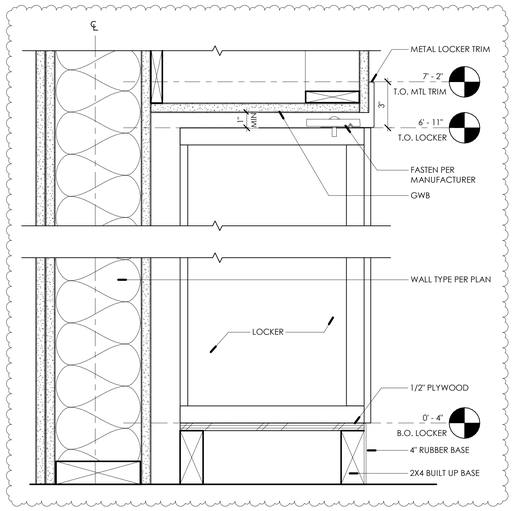
2 6 A9.12 INT. COLUMN W/ GLB, TYP.

SCALE: 3" = 1'-0"



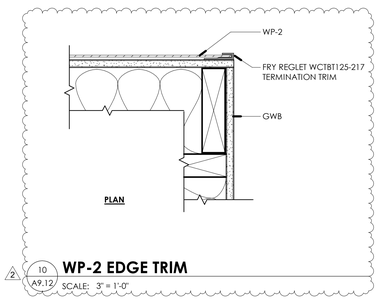
8 A9.12 GYPSUM WALLBOARD SOFFIT - COVE

SCALE: 3" = 1'-0"



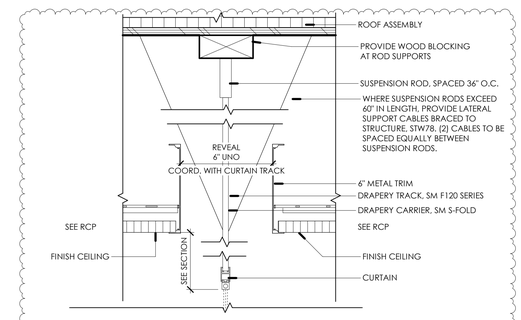
2 9 A9.12 INTERIOR - FRAMED BASE & HEAD DETAIL @ LOCKERS

SCALE: 3" = 1'-0"



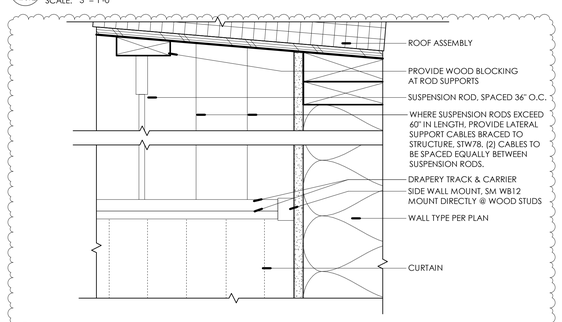
2 10 A9.12 WP-2 EDGE TRIM

SCALE: 3" = 1'-0"



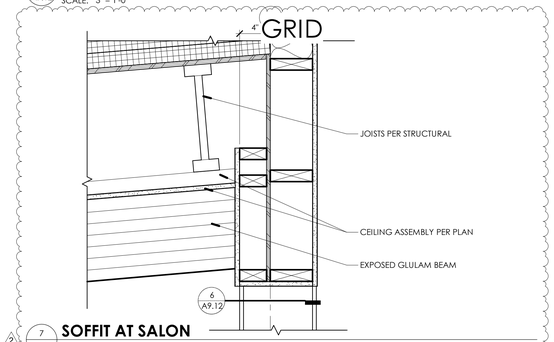
2 11 A9.12 ACT CLOUD - TRIM AT SUSPENDED TRACK

SCALE: 3" = 1'-0"



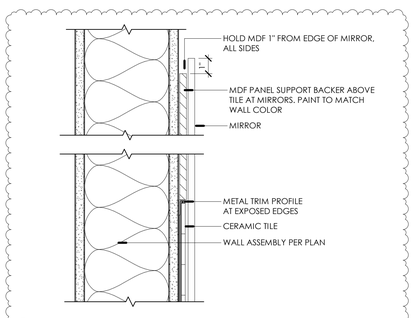
2 12 A9.12 ACT CLOUD - TRIM AND CURTAIN TRACK AT WALL

SCALE: 3" = 1'-0"



2 7 A9.12 SOFFIT AT SALON

SCALE: 1 1/2" = 1'-0"



2 13 A9.12 MIRROR MOUNTED ABOVE CERAMIC WALL TILE

SCALE: 3" = 1'-0"

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97603

No.	Description	Date
2	Addendum #2	4/9/26

Project Number 2507
Date 3/16/2026

PERMIT / BID SET

INTERIOR DETAILS

A9.12

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PROJECT STRUCTURAL NOTES (KLAMATH FALLS, KLAMATH, OR 97603)

GENERAL INFORMATION:

1. STRUCTURAL DRAWINGS ARE A PORTION OF THE CONTRACT DOCUMENTS AND ARE INTENDED TO BE USED WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE REQUIREMENTS FROM THESE DRAWINGS INTO THEIR SHOP DRAWINGS AND WORK. THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. NOTES AND DETAILS ON THE STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
2. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES.
3. ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY SIGNIFICANT DISCREPANCIES FROM CONDITIONS SHOWN ON THE DRAWINGS.
4. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS. RESPONSIBILITY SHALL INCLUDE BUT NOT LIMITED TO DEMOLITION AND CONSTRUCTION MEANS AND METHODS, TECHNIQUES, SEQUENCING, AND SAFETY REQUIRED TO COMPLETE CONSTRUCTION.
5. UNLESS OTHERWISE NOTED, MATERIAL AND DESIGN SPECIFICATIONS CITED HEREIN SHALL BE THOSE CONFORMING WITH THE VERSION OF THE APPLICABLE SPECIFICATIONS OR CODE MOST RECENTLY ADOPTED BY THE PERMITTING AUTHORITY. THESE STRUCTURAL NOTES ARE TO BE USED AS A SUPPLEMENT TO THE SPECIFICATIONS.
6. THIS STRUCTURE AND ALL OF ITS PARTS MUST BE ADEQUATELY BRACED AGAINST WIND, LATERAL EARTH AND SEISMIC FORCES UNTIL THE PERMANENT LATERAL-FORCE RESISTING SYSTEMS HAVE BEEN CONSTRUCTED AND ALL ATTACHMENTS AND CONNECTIONS NECESSARY FOR THE STABILITY OF THE STRUCTURE AND ITS PARTS HAVE BEEN MADE.
7. ALL FEATURES OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF THE SAME TYPE AND CHARACTER AS SHOWN FOR SIMILAR CONDITIONS, SUBJECT TO REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.
8. ALL PRODUCTS AND MATERIALS USED BY THE CONTRACTOR SHALL BE APPLIED, PLACED, ERECTED AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
9. ALL KEYNOTES INDICATE NEW ITEMS TYPICALLY UNLESS NOTED OTHERWISE.

CODE REQUIREMENT:

1. CONFORM TO THE 2025 OREGON STRUCTURAL SPECIALTY CODE, BASED ON THE 2024 INTERNATIONAL BUILDING CODE (IBC). NOTE: THIS APPLIES TO ALL REFERENCES TO OSSC.

DESIGN CRITERIA:

2

1. DESIGN IS BASED ON THE STRENGTH AND DEFLECTION CRITERIA OF THE OSSC. IN ADDITION TO THE DEAD LOADS, THE FOLLOWING LOADING AND ALLOWABLE LOAD IS USED FOR DESIGN:

A. DEAD LOADS:
- ROOF (GRID 1 TO GRID 4) 25 PSF
- ROOF (GRID 4 TO GRID 9) 30 PSF

B. LIVE LOADS:
- ROOF 20 PSF
- MEZZANINE 40 PSF

C. GROUND SNOW LOAD: 59 PSF
- RISK CATEGORY II
- EXPOSURE FACTOR 0.9
- THERMAL FACTOR 1.18
- FLAT ROOF SNOW LOAD 44 PSF

D. WIND LOAD:
- BASIC WIND SPEED (3-SECOND GUST) 98 MPH
- WIND EXPOSURE C
- INTERNAL PRESSURE COEFFICIENT 0.18
- TOPOGRAPHIC FACTOR 1.0

E. COMPONENTS AND CLADDING:
- ROOF FIELD 38 PSF
- ROOF EDGE 49 PSF
- ROOF CORNER 65 PSF
- WALL EDGE 27 PSF
- WALL FIELD 22 PSF

F. EARTHQUAKE DESIGN DATA:
- RISK CATEGORY II
- S_S 0.879g
- S_1 0.343g
- S_{DS} 0.703g
- S_{D1} 0.448g
- SITE CLASS D
- SEISMIC DESIGN CATEGORY D
- SEISMIC IMPORTANCE FACTOR 1.0
- ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE

BASIC SEISMIC-FORCE RESISTING SYSTEM:
LIGHT-FRAMED (WOOD) WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE
- RESPONSE MODIFICATION FACTOR R = 6.5
- SEISMIC RESPONSE COEFFICIENT C_S = 0.108
- TOTAL BASE SHEAR V=65.36 K

G. GEOTECHNICAL DATA:
- BEARING PRESSURE: 3,000 PSF

H. RAIN LOAD:
- RAIN INTENSITY: 1.0 IN/HR

STRUCTURAL OBSERVATION:

THE STRUCTURAL ENGINEER OF RECORD (SEOR) WILL PERFORM STRUCTURAL OBSERVATION BASED ON THE REQUIREMENTS OF THE OSSC AT THE STAGES OF CONSTRUCTION LISTED BELOW. CONTRACTOR SHALL PROVIDE SUFFICIENT ADVANCED NOTICE AND ACCESS FOR THE SER TO PERFORM THESE OBSERVATIONS.

STRUCTURAL OBSERVATION

ITEM	COMMENTS
PRIOR TO FIRST CONCRETE POUR	AFTER REBAR PLACEMENT
PRIOR TO CONCRETE SLAB POUR	AFTER REBAR PLACEMENT
DURING INITIAL STEEL ERECTION	--
PRIOR TO COVERING ROOF AND WALL SHEATHING	--
AS REQUIRED TO ADDRESS STRUCTURAL ISSUES	--

A FIELD REPORT WILL BE SUBMITTED TO THE BUILDING DEPARTMENT FOLLOWING EACH SITE VISIT.

SPECIAL INSPECTIONS AND TESTING:

1. SPECIAL INSPECTION WILL BE PROVIDED BY THE OWNER BASED ON THE REQUIREMENTS OF THE OSSC AS SUMMARIZED IN THE SPECIAL INSPECTION AND TESTING PROGRAM ON SHEETS S0.20-S0.30. CONTRACTOR SHALL PROVIDE SUFFICIENT NOTICE AND ACCESS FOR THE SPECIAL INSPECTOR TO PERFORM THESE INSPECTIONS.

SUBMITTALS:

1. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION REGARDING ALL STRUCTURAL ITEMS, INCLUDING THE FOLLOWING:
   - A. CONCRETE MIX DESIGNS, CONCRETE REINFORCEMENT (INCLUDING MILL TEST REPORTS), STRUCTURAL STEEL (INCLUDING MILL TEST REPORTS)
   - B. ANY CHANGES TO THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ARE SUBJECT TO REVIEW AND ACCEPTANCE OF THE STRUCTURAL ENGINEER OF RECORD.
   - C. DESIGN DRAWINGS, SHOP DRAWINGS, AND CALCULATIONS FOR THE DESIGN AND FABRICATION OF ITEMS THAT ARE DESIGNED BY OTHERS, INCLUDING: GLUE-LAMINATED MEMBERS, PRE-MANUFACTURED WOOD JOISTS, PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEMS, WINDOW WALL, CURTAIN WALLS, AND ALL OTHER GLAZING SYSTEMS SHALL BEAR THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF OREGON, AND SHALL BE INCLUDED FOR CONNECTIONS TO THE STRUCTURE. CONSIDERING LOCALIZED EFFECTS ON STRUCTURAL ELEMENTS INDUCED BY THE CONNECTION LOADS. DESIGN SHALL BE BASED ON THE REQUIREMENTS OF THE OSSC WITH THE FOLLOWING:
     - EARTHQUAKE AND WIND LOADS AS NOTED IN DESIGN CRITERIA
   - D. THE CONTRACTOR SHALL COORDINATE SEISMIC RESTRAINTS OF MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT, MACHINERY, AND ASSOCIATED PIPING WITH THE STRUCTURE. ANY CONNECTIONS TO THE STRUCTURE SHALL CONFORM TO OSSC AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION.

DIVISION 03 - CONCRETE

CONCRETE:

1. CONCRETE WORK SHALL CONFORM TO CHAPTER 19 OF THE OSSC. CONCRETE STRENGTHS SHALL BE VERIFIED BY STANDARD 28 DAY CYLINDER TESTS PER ASTM C39, AND SHALL BE AS FOLLOWS:

ABSOLUTE WATER-CEMENT RATIO BY WEIGHT			
f'c (PSI)	NON AIR-ENTRAINED	AIR-ENTRAINED	USE
4,000	0.50	N/A	INTERIOR SLABS ON GRADE
4,000	0.45	N/A	ALL FOOTINGS

2. VERIFY WATER/CEMENT RATIO WITH FLOOR COVERING MANUFACTURER FOR CONCRETE FLOORS WITH MOISTURE SENSITIVE FLOOR COVERINGS, AND VERIFY COORDINATE WITH PROJECT SPECIFICATIONS.
3. MINIMUM CEMENT CONTENT PER CUBIC YARD SHALL BE AS FOLLOWS:
   - f'c=4,000 psi: 550 lbs.
4. FLY ASH CONFORMING TO ASTM C618 (INCLUDING TABLE 2A) TYPE F, MAY BE USED TO REPLACE UP TO 20% OF THE CEMENT CONTENT, PROVIDED THAT THE MIX STRENGTH IS SUBSTANTIATED BY TEST DATA.
5. THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS, ALONG WITH TEST DATA COMPLIANT WITH OSSC SECTION 1905, A MINIMUM OF TWO WEEKS PRIOR TO PLACING CONCRETE. NO WATER MAY BE ADDED TO CONCRETE IN THE FIELD UNLESS SPECIFICALLY APPROVED IN WRITING BY THE CONCRETE SUPPLIER IN CONJUNCTION WITH THE CONCRETE MIX DESIGN.
6. A WATER-REDUCING ADMIXTURE CONFORMING TO ASTM C494, USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, SHALL BE INCORPORATED IN CONCRETE DESIGN MIXES. A HIGH-RANGE WATER-REDUCING (HRWR) ADMIXTURE CONFORMING TO ASTM C494, TYPE F OR G, MAY BE USED IN CONCRETE MIXES PROVIDING THAT THE SLUMP DOES NOT EXCEED 8". AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260 SHALL BE USED IN CONCRETE MIXES FOR EXTERIOR HORIZONTAL SURFACES EXPOSED TO WEATHER. THE AMOUNT OF ENTRAINED AIR SHALL BE 5% +/- 1% BY VOLUME.

CONCRETE CAST IN PLACE:

1. CONCRETE SHALL HAVE A MAXIMUM SLUMP OF 4" WITHOUT THE USE OF ADMIXTURES AS NOTED.
2. A MINIMUM OF THREE (3) CONCRETE TEST CYLINDERS SHALL BE PROVIDED FOR EACH ONE HUNDRED (100) CUBIC YARDS, OR EACH DAY OF POUR, FOR EACH CONCRETE STRENGTH. CYLINDERS SHALL BE TESTED AS FOLLOWS:
   - A. ONE (1) AT SEVEN (7) DAYS, AND
   - B. TWO (2) AT TWENTY-EIGHT (28) DAYS
3. CONCRETE CYLINDER SAMPLING AND TESTING SHALL CONFORM WITH ASTM SPECIFICATIONS. ACCEPTANCE OF CONCRETE SHALL BE GOVERNED BY THE PROVISIONS OF ACI 318-19 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". TWO (2) SETS OF MIX DESIGNS, WITH COMPLETE STATISTICAL BACKUP, SHALL BE SUBMITTED FOR REVIEW.
4. CONCRETE MATERIALS, FORM WORK, MIXING, PLACING AND CURING SHALL CONFORM WITH THE SPECIFICATIONS CONTAINED IN THE ACI "MANUAL OF CONCRETE PRACTICE".
5. CONCRETE SLABS SHALL BE INSTALLED WITH CONSTRUCTION JOINTS NOT SPACED FARTHER THAN 12'-6" APART AND SHALL BE DIVIDED INTO APPROXIMATELY SQUARE PANELS. PANEL DIMENSION RATIOS SHALL NOT EXCEED 1.5:1.
6. **ALL SAW CUT CONTROL JOINTS SHALL BE CUT WITHIN 4 TO 12 HOURS AFTER CONCRETE PLACEMENT. SAW CUT SHALL BE 1.5" DEEP.**
7. CONCRETE SHALL NOT BE PLACED ON FROZEN GROUND.
8. ALL EXPOSED CORNERS SHALL HAVE 3/4" CHAMFER, UNLESS NOTES OTHERWISE.

CONCRETE REINFORCING STEEL:

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60. FOR DEFORMED BARS AND ASTM A185 FOR SMOOTH WELDED WIRE FABRIC (WWF), UNLESS OTHERWISE NOTED. REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A706. REINFORCING STEEL SHALL BE SECURELY TIED IN PLACE WITH #16 ANNEALED IRON WIRE.
2. BARS IN SLABS SHALL BE SUPPORTED ON WELL CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, AS SPECIFIED BY THE CRSI MANUAL OF STRANDED PRACTICE. MSP-1. REINFORCING STEEL SHALL BE DETAINED IN ACCORDANCE WITH THE "ACI MANUAL OF STANDARD PRACTICE, MSP-1 REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315. LAP ALL REINFORCING BARS PER THE TYPICAL LAP SPLICE LENGTH SCHEDULE, EXCEPT AS NOTED. MECHANICAL SPLICES NOTED ON THE PLANS SHALL BE DAYTON BAR-GRIP SPLICES OR APPROVED WITH A CURRENT ICC APPROVAL REPORT.

TYPICAL LAP SPLICE LENGTH SCHEDULE

BAR SIZE	3,000 psi		4,000 psi		5,000 psi		6,000 psi	
	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2
#4	29	43	25	37	22	33	20	31
#5	36	54	31	47	28	42	25	38

NOTES:
- A. DIMENSIONS ARE IN INCHES.
- B. CASES 1 AND 2 ARE DEFINED AS FOLLOWS: (db = BAR DIAMETER)
  - a. ALL OTHERS:
    - CASE 1: COVER ≥ db AND c-c SPACING ≥ 3db
    - CASE 2: COVER < db OR c-c SPACING < 3db
- C. FOR TOP BARS, MULTIPLY LAP LENGTH ABOVE BY 1.3. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BARS.

3. REINFORCEMENT SHALL BE SECURED IN FORMS WITH TIES AND ANCHORAGE TO PREVENT DISPLACEMENT. ALL TIE WIRE SHALL BE MIN. #16 ANNEALED STEEL.
4. ALL REINFORCING STEEL SHALL BE TIED 100% ALONG ALL PERIMETER EDGES AND 50%FIELD.
5. REINFORCING (MINIMUM UNLESS NOTED OTHERWISE ON PLANS)
   - A. PLACE TWO (2) NO. 4 CONTINUOUS AT BOTTOM, TOP AND AT DISCONTINUOUS ENDS OF ALL FOUNDATIONS.
   - B. PLACE BARS AT CORNERS AND INTERSECTIONS FOR WALLS AND FOUNDATIONS EQUAL IN SIZE AND NUMBER TO HORIZONTAL REINFORCING WITH LEGS THAT SATISFY THE REQUIRED LAP SPLICE LENGTH PER SCHEDULE ABOVE.
6. ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI DETAILING MANUAL 315.
   - A. ALL REINFORCING STEEL SHALL BE ACCURATELY AND SECURELY PLACED.
   - B. REINFORCING SHALL NOT BE BENT OR DISPLACED FOR THE CONVENIENCE OF OTHER TRADES, UNLESS APPROVED BY THE STRUCTURAL ENGINEER.
   - C. SPLAY REINFORCING STEEL AROUND OPENINGS WITH 1" IN 10" SPLAY, UNLESS NOTED OTHERWISE.
   - D. MINIMUM COVER FROM CONCRETE SURFACES TO REINFORCING STEEL SHALL BE:
     - 3" TO BOTTOM OF FOOTING
     - 2" TO EARTH FACE OF WALL
     - 3/4" TO INSIDE FACE OF WALL
     - 3/4" SLAB TO TOP AND BOTTOM SURFACES, CENTER OF SLAB ON GRADE
7. REINFORCEMENT BARS SHALL NOT BE TACK WELDED, WELDED, HEATED OR CUT, UNLESS INDICATED ON THE CONTRACT DOCUMENTS OR APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
8. REINFORCEMENT COUPLERS SHALL BE LENTON, FOX-HOWLETT OR APPROVED, CAPABLE OF DEVELOPING ONE HUNDRED TWENTY-FIVE PERCENT (125%) OF THE SPECIFIED YIELD STRENGTH OF THE REINFORCEMENT.

CONCRETE ACCESSORIES:

1. PERMANENTLY EXPOSED EMBEDDED PLATES AND ANGLES SHALL BE HOT-DIPPED, GALVANIZED AFTER FABRICATION, UNLESS OTHERWISE NOTED. NO LOADS OR WELDS SHALL BE PLACED ON EMBEDDED PLATES OR ANGLES FOR A MINIMUM OF 7 DAYS AFTER CASTING.

2

DIVISION 05 - METALS

STRUCTURAL STEEL AND MISCELLANEOUS IRON:

STRUCTURAL STEEL SHALL BE:

STRUCTURAL STEEL	
ASTM A992, GRADE 50	WIDE FLANGE SHAPES
ASTM A36	PLATES U.N.O.
ASTM A500, GRADE B (Fy = 46 KSI)	HOLLOW STRUCTURAL SECTIONS (TUBES)

1. DESIGN, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH THE "AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" WITH "COMMENTARY" AND THE "CODE OF STANDARD PRACTICE", WITH EXCEPTIONS NOTED IN SPECIFICATIONS.
2. DRAWINGS ARE DIMENSIONED FOR LAYOUT AND NOT DIMENSIONED PER AISC STANDARDS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE BETWEEN ALL DRAWINGS AND DEVELOP SHOP DRAWINGS WITH DETAIL AND DIMENSIONING DETAILS.
3. ALL FABRICATION, ERECTION, IDENTIFICATION, AND PAINTING SHALL CONFORM TO AISC SPECIFICATIONS.
4. ALL STEEL EXPOSED TO WEATHER, SOIL, MOISTURE, OR AS DENOTED ON PLANS SHALL BE HOT DIP GALVANIZED PER ASTM A-123, OR OTHER APPROVED PROTECTIVE COATING.
5. ALL WELDING SHALL CONFORM TO AWS (LATES EDITION) SPECIFICATIONS.
   - A. ALL WELDERS TO BE QUALIFIED UNDER AWS SPECIFICATIONS WITHIN THE PAST TWO YEARS FOR THE TYPE OF WELDING PERFORMED.
   - B. ALL WELDS SHALL BE PERFORMED USING PRE-QUALIFIED WELDING PROCEDURES.
   - C. WELDS FILLER METAL SHALL BE AWS A5.1 OR AS 5.E70XX ELECTRODES OR AWS AS.18 ER70S-X OR AS.2 E7XT-X.
   - D. AFTER FABRICATION, BUT BEFORE INSTALLATION, REMOVE RUST, SCALE, GREASE, AND OIL BY WIRE BRUSHING AND CHEMICAL TREATMENT.
   - E. WELDING OF REINFORCING STEEL SHALL BE AS SPECIFIED IN THESE STRUCTURAL NOTES UNDER **"CONCRETE REINFORCING STEEL"**
   - F. WELDS TO METAL DECK, METAL STUDS OR OTHER LIGHT GAUGE METALS SHALL CONFORM WITH AWS D1.3.
6. ALL MEMBERS SHALL BE CONNECTED WITH SEMI-FINISHED MACHINE BOLTS, UNLESS NOTED OTHERWISE ON PLANS. MACHINE BOLTS SHALL CONFORM TO ASTM A 307, GRADE A.
7. ERECTION AIDS (SUCH AS BOLTS, CLIPS, SHIMS, SEATS OR ANY OTHERS REQUIRED TO FACILITATE CONSTRUCTION) ARE THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN AND PROVIDE.
8. ALL BRACING SHALL HAVE TWO (2) BOLT CONNECTIONS, UNLESS NOTED OTHERWISE. ALL CROSS BRACING SHALL BE BOLTED AT INTERSECTIONS WITH TWO (2) BOLT MINIMUM FOR ST AND ONE (1) BOLT FOR ANGLES. PROVIDE FILLER PLATE BETWEEN CROSS BRACES, AS REQUIRED.
9. ALL FIELD WELDS TO GALVANIZED STEEL AND AREAS DAMAGED BY WELDING, FLAME CUTTING OR HANDLING, SHALL BE REPAIRED WITH AN ORGANIC COLD GALVANIZING COMPOUND HAVING A MINIMUM OF NINETY-FOUR PERCENT (94%) ZINC DUST IN THE DRY FILM. APPLY IN MULTIPLE COATS, UNTIL AN 8 MIL THICKNESS HAS BEEN ACHIEVED. SURFACES TO RECEIVE ZINC-RICH PAINT SHALL BE CLEAN, DRY AND FREE OF OIL, GREASE, SALT AND CORROSION PRODUCTS.
10. ALL EMBEDDED STEEL SHALL BE FABRICATED FROM MATERIAL CONFORMING WITH THE REQUIREMENTS OF ASTM A 36. HOT-DIP GALVANIZE IN ACCORDANCE WITH ASTM A 123, UNLESS NOTED OTHERWISE.

DIVISION 06 - WOOD, PLASTICS AND COMPOSITES

FRAMING LUMBER:

1. ALL FRAMING LUMBER SHALL BE DOUGLAS FIR-LARCH AND SHALL BE GRADED UNDER THE MOST RECENTLY ADOPTED RULES OF THE WEST COAST LUMBER INSPECTION BUREAU (WCLIB).
2. ALL BEAMS AND JOISTS SHALL BE NO. 2 MINIMUM, UNLESS INDICATED OTHERWISE ON THE PLANS.
3. ALL STUDS AND BLOCKING SHALL BE NO. 2.
4. ALL LUMBER IN CONTACT WITH CONCRETE OR EXPOSED SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD C-2 AND SHALL BEAR THE AWPA QUALITY MARK.
5. ALL GLULAM BEAMS TO BE 24F-1/4 TYPICAL. 24F-V8 FOR CANTILEVERED OR CONTINUOUS SPAN.
6. ALL LVL LUMBER TO BE VERSA-LAM 2.1E 3100 DF LVL OR APPROVED EQUAL.

PLYWOOD SHEATHING:

1. ALL PLYWOOD SHALL BE C-D GRADE WITH EXTERIOR GLUE MANUFACTURED IN ACCORDANCE WITH THE UNITED STATES PRODUCT STANDARDS PS 1-83/ANSI A199.1 "FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD" AND SHALL CONFORM TO OSSC SECTION 2303 AND SHALL BEAR THE APA TRADEMARK OF THE APA.
2. PLYWOOD SHALL BE LAID WITH END JOINTS STAGGERED.
3. BLOCK ALL SHEAR WALL SHEATHING WITH 2x BLOCKING AT ALL EDGES.
4. ROOF SHEATHING TO BE UNBLOCKED 5/8" C-D 240 PLY, UNLESS NOTED OTHERWISE ON PLANS.
5. FLOOR SHEATHING TO BE UNBLOCKED 3/4" T&G C-D 32/16 PLY, UNLESS NOTED OTHERWISE.
6. EXTERIOR WALLS TO BE 7/16" EXPOSURE I, C-D PLY. OR OSB SHEATHING U.N.O. SEE PLANS FOR SHEAR WALL TYPE AND CORRESPONDENCE SHEAR WALL SCHEDULE FOR REQUIREMENTS.
7. OSB MAY BE SUBSTITUTED FOR PLYWOOD WITH SAME SPAN RATING.

NAILING AND FASTENERS:

1. NAILING INDICATED ON PLANS AND DETAILS ARE "COMMON" NAILS. MINIMUM FRAMING NAILING SHALL CONFORM TO OSSC TABLE 2304.10.2. SEE DETAILS FOR ADDITIONAL TYPICAL NAILING REQUIREMENTS. SUBSTITUTION OF NAILS OTHER THAN "COMMON" IS NOT PERMITTED WITHOUT PRIOR APPROVAL.
2. POWER DRIVEN NAILS OTHER THAN "COMMON" NAILS MAY BE USED IF DATA IS SUBMITTED AND APPROVED PRIOR TO USE.
3. APPLY 1/4 DIAMETER CONTINUOUS BEAD OF GLUE TO TOPS OF WOOD FRAMED FLOOR JOISTS, BLOCKING, AND PLATES IMMEDIATELY PRIOR TO PLACEMENT OF FLOOR SHEATHING.
4. ALL BOLTED CONNECTIONS SHALL BE MADE WITH MACHINE BOLTS (M.B.) CONFORMING TO ASTM A307. ALL BOLTS AND LAGS SHALL BE INSTALLED WITH STANDARD WASHERS, UNLESS NOTED.
5. JOIST HANGERS, HOLDOWNS AND OTHER FRAMING ACCESSORIES ARE REFERRED TO ON PLANS BY PARTICULAR TYPE AS MANUFACTURED BY SIMPSON COMPANY, SAN LEANDRO, CA. ALL HARDWARE IS TO BE FASTENED PER MANUFACTURER'S SPECIFICATIONS, U.N.O.
6. ALL PLATES AND LEDGERS SHALL BE ANCHORED WITH A MINIMUM OF THREE FASTENERS PER PIECE.
7. PRE-DRILL HOLES FOR LAG BOLTS. SOAP THREADS OF LAGS IMMEDIATELY PRIOR TO INSTALLATION.
8. EPOXY ANCHOR BOLTS AND ADHESIVE INDICATED ON DRAWINGS MAY BE SUBSTITUTED UPON CONTRACTORS REQUEST WITH E.O.R. APPROVED EQUAL. DEPTH OF EMBEDMENT SHALL BE AS PER MANUFACTURER SPECIFICATIONS, UNLESS NOTED OTHERWISE. INSTALL ALL EPOXY FASTENERS IN STRICT ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS.
9. PLYWOOD NAILING SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLANS:
   - A. WALL SHEATHING: (BLOCK ALL EDGES WITH 2x4 FLATS)
     - a. 2 1/2"x0.131"ø0.281"Ø @ 6" o.c. ALONG ALL PANEL EDGES
     - b. 2 1/2"x0.131"ø0.281"Ø @ 12" o.c. AT INTERMEDIATE STUDS
10. SILL AT WALLS SHALL BE BOLTED TO CONCRETE WITH 5/8" DIAMETER x 10" LONG ANCHOR BOLTS AT 48" o.c. MAXIMUM AND WITHIN 1'-0" OF SILL PLATE ENDS, CORNERS OR SPLICES, UNLESS DETAILED OTHERWISE. STEEL PLATE WASHERS SHALL BE INSTALLED AT ALL ANCHOR BOLTS IN SHEAR WALLS, WITH MINIMUM DIMENSIONS OF 3" x 3" x 1/4" THICK, AND SHALL BE INSTALLED WITHIN 1/2" OF SHEATHING FACE. SIMPSON BPS BEARING PLATE OR APPROVED EQUAL MAY BE USED.

PRE-FABRICATED FLOOR AND ROOF JOISTS:

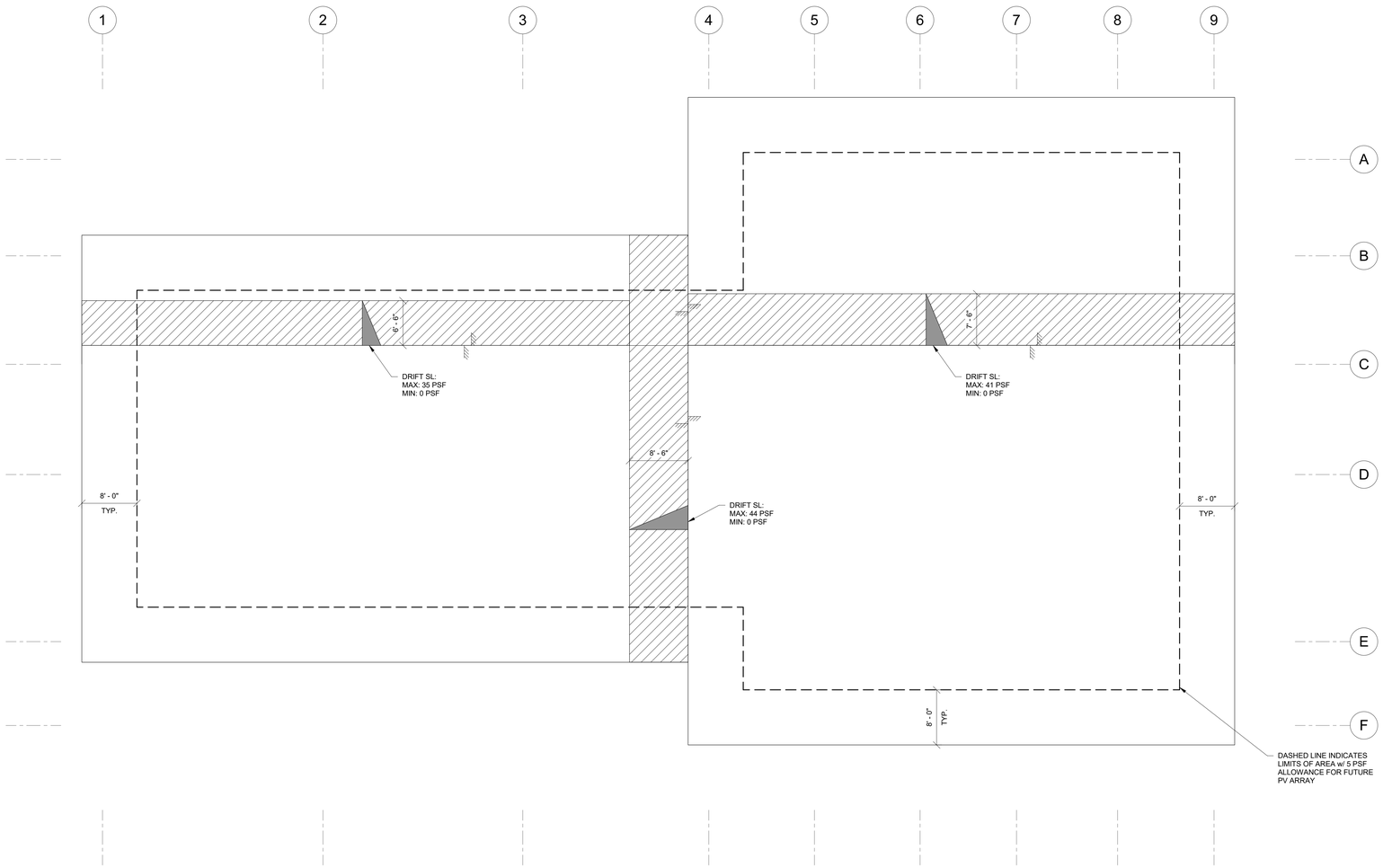
1. ALL ROOF AND FLOOR MEMBERS SHALL BE MANUFACTURED BY REDBUILT OR APPROVED EQUAL.
2. ALL JOISTS SHALL CONFORM WITH ALL APPLICABLE PROVISIONS OF THE OSSC.
3. JOISTS SHALL NOT EXCEED A LIVE LOAD DEFLECTION OF L/240 AT ROOF AND L/600 AT FLOORS, OR THE WORKING STRESSES AS SHOWN IN THE OSSC.
4. JOIST MANUFACTURER SHALL BE RESPONSIBLE FOR COORDINATION SLOPED BEARING REQUIREMENTS WITH BEAM MANUFACTURER.
5. JOIST MANUFACTURER SHALL FURNISH COMPLETE ENGINEERING SHOP DRAWINGS WITH REGISTERED PROFESSIONAL ENGINEER'S SEAL.
6. OPEN WEB JOISTS
   - A. MANUFACTURER SHALL FURNISH ALL END AND INTERMEDIATE STIFFENERS, BLOCKING AND/OR SHEAR PANELS, METAL BRIDGING ASSEMBLIES AND HANGERS, AS REQUIRED TO PROVIDE A COMPLETE FLOOR OR ROOF STRUCTURAL SYSTEM.
7. DRAWINGS SHOWING LAYOUT AND DETAILING NECESSARY FOR DETERMINING FIT AND PLACEMENT IN THE BUILDING SHALL BE PROVIDED BY REDBUILT. DRAWINGS SHOULD BE STAMPED BY A REGISTERED ENGINEER PRACTICING IN THE STATE OF THE GIVEN PROJECT AND AN EMPLOYEE OF THE MANUFACTURER, NOT A THIRD PARTY ENGINEER. ANY DEVIATIONS, MODIFICATIONS, AND SUBSTITUTIONS SHALL BE CLEARLY NOTED FOR REVIEW. FABRICATION AND/OR CUTTING SHALL NOT PROCEED UNTIL THE ARCHITECT AND/OR ENGINEER OF RECORD HAVE APPROVED THE SUBMITTAL PACKAGE.
8. PRODUCTS SPECIFIED ON THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE STANDARDS SET FORTH IN ICC ESR-1774.
9. MATERIALS SHALL COMPLY WITH ICC ESR-1774. CHORD MEMBERS, WEB MEMBERS, CONNECTING PINS AND BEARING HARDWARE/ATTACHMENTS SHALL BE OF MATERIAL AND SIZE AS REQUIRED BY DESIGN.
10. PRIOR TO ENCLOSING THE JOISTS, THE CONTRACTOR SHALL GIVE NOTIFICATION TO THE REDBUILT REPRESENTATIVE TO PROVIDE AN OPPORTUNITY FOR REVIEW OF THE INSTALLATION. A MANUFACTURER'S INSTALLATION REVIEW LETTER IS REQUIRED AND SHALL BE SUBMITTED TO THE DESIGN PROFESSIONAL OF RECORD UPON COMPLETION. REVIEW MUST BE PERFORMED BY AN EMPLOYEE OF THE JOIST MANUFACTURER, NOT BY A THIRD PARTY.
11. FIRE AND SOUND RATINGS ARE TO BE ESTABLISHED IN ACCORDANCE WITH ASSEMBLIES DETAILED IN ICC ESR-1774, OR IN THE DIRECTORY OF LISTED PRODUCTS PUBLISHED BY INTERTEK TESTING SERVICES.
12. BROCHURE AVAILABLE UPON REQUEST FROM THE REDBUILT REPRESENTATIVE OR AT www.redbuilt.com. HANGERS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH NFPA 13 DESIGN SPECIFICATIONS.
13. REDBUILT WARRANTS THAT ITS PRODUCTS WILL BE FREE FROM MANUFACTURING ERRORS OR DEFECTS IN WORKMANSHIP AND MATERIAL. IN ADDITION, PROVIDED THE PRODUCT IS CORRECTLY INSTALLED AND USED, THE COMPANY WARRANTS THE ADEQUACY OF ITS DESIGN FOR THE NORMAL AND EXPECTED LIFE OF THE BUILDING.
14. ALL ALTERNATES MUST BE TRUE PIN CONNECTED TRUSS AND MUST MEET OR EXCEED ALL ABOVE MENTIONED SPECIFICATIONS AND WARRANTIES AS WELL AS THE NAILING CRITERIA AND KEY DESIGN PROPERTIES FOR THE PARTICULAR TRUSS SPECIFIED ON THE PLANS. PLATED OR GANG-NAIL STYLE TRUSSES NOT ALLOWED. ALTERNATE SUBMITTALS MUST HAVE CALCS AND DRAWINGS STAMPED BY A REGISTERED ENGINEER PRACTICING IN THE STATE OF THE GIVEN PROJECT AND AN EMPLOYEE OF THE MANUFACTURER, NOT A THIRD PARTY ENGINEER. FIRE RATINGS/SOUND RATINGS AND SPRINKLER INSTALLATION DETAILS SPECIFIC TO THE PROPOSED ALTERNATE MUST ALSO BE SUBMITTED FOR REVIEW. ADDITIONALLY, JOBSITE REVIEW MUST BE PERFORMED BY AN EMPLOYEE OF THE MANUFACTURER, NOT BY A THIRD PARTY. CONTRACTOR SHOULD MAKE SURE ALL OF THESE QUALIFICATIONS CAN BE MET PRIOR TO SUBMITTING AND ALTERNATE FOR REVIEW. THERE WILL BE A COST FOR REVIEW OF ALTERNATE SYSTEMS AND DOES NOT GUARANTEE ACCEPTANCE OF ALTERNATE SYSTEM. IF ALTERNATE SYSTEM IS REJECTED, CONTRACTOR IS STILL LIABLE FOR THE COST ASSOCIATED WITH THE REVIEW OF THE PROPOSED ALTERNATE. ALTERNATES MUST BE APPROVED BY THE ARCHITECT, ENGINEER OF RECORD, AND OWNER 7 DAYS PRIOR TO BID DATE AND ALL MONETARY SAVINGS THAT MAY BE REALIZED BY USING AN ALTERNATE PRODUCT SHALL BE FORWARDED TO THE OWNER. BASE BID SHALL INCLUDE TRUSSES AS SPECIFIED ON THE PLANS.
15. I-JOISTS
    - A. MANUFACTURER SHALL FURNISH ALL BRIDGING AND BRACING, AS REQUIRED TO PROVIDE A COMPLETE FLOOR OR ROOF SYSTEM. LAMINATED VENEER LUMBER, NOTED ON THE PLANS AS "MICRO-LAM" OR "LVL", SHALL BE PROVIDED BY THE JOIST MANUFACTURER. IT SHALL BE 1 3/4" WIDE AND MATCH THE FLOOR JOIST DEPTH.
16. LUMBER, NOTED ON THE PLANS "PARALLAM", SHALL BE PARALLEL STRAND LUMBER, AS MANUFACTURED BY THE TRUS JOIST MACMILLAN CORPORATION.
17. LUMBER, NOTED ON THE P

ROOF LOADING PLAN NOTES

A. ALL ROOF AREAS SHALL BE DESIGNED FOR A SLOPED ROOF SNOW LOAD OF Ps = 44 PSF PER STRUCTURAL GENERAL NOTES.

B. DRIFT SNOW LOADS INDICATED ON THIS PLAN ARE IN ADDITION TO UNIFORM SNOW LOAD OF Ps = 44 PSF PER ASCE 7-22 SECTION 7.3.

2 C. SEE S0.10 FOR ADDITIONAL LOADING INFORMATION INCLUDING ROOF DEAD LOADS. RAFTER MANUFACTURER TO ASSUME 10 PSF OF SPECIFIED DEAD LOAD IS APPLIED TO THE BOTTOM CHORD.



1 S0.40 ROOF LOADING PLAN
1/8" = 1'-0"

2

SPECIAL NOTE:
LOADING SHOW FOR OWJ. LOAD IS THE SAME FOR I-JOIST ON GRID 1 AS WELL.

ASD BASIC LOAD COMBINATIONS (OSSC 2025):

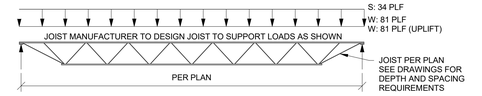
1a. D
2a. D+L
3a. D+(Lr OR 0.7S OR R)
4a. D+0.75L+0.75(Lr OR 0.7S OR R)
5a. D+0.6(W OR Wт)
6a. D+0.75L+0.75(0.6(W OR WT))+0.75(Lr OR 0.72 OR R)
7a. 0.6D+0.6(W OR Wh)

DEFLECTION CRITERIA:

PER OSSC 2025

ROOF TOP HVAC UNIT WEIGHTS:

SEE MECHANICAL PLANS FOR RTU LOCATIONS



2 S0.40 TYP. JOIST LOADING DIAGRAM AT JOIST SUPPORTING PERP. OUTLOOKERS
3/16" = 1'-0"

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97603

No.	Description	Date
2	ADDENDUM #2	04/09/26

Project Number K-6433-25
Date 03/16/2026

PERMIT / BID SET

ROOF LOADING PLAN

S0.40

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FOUNDATION SCHEDULE				
MARK	WIDTH	LENGTH	DEPTH	REINFORCEMENT
F-1	1' - 6"	CONT.	1' - 0"	(2) #4 LONG. BAR BOTTOM
F-2	2' - 0"	2' - 0"	1' - 0"	(4) #4 BAR EACH WAY BOTTOM
F-3	3' - 0"	3' - 0"	1' - 0"	(4) #4 BAR EACH WAY BOTTOM
F-4	4' - 6"	4' - 6"	1' - 0"	(6) #4 BAR EACH WAY TOP AND BOTTOM
F-5	4' - 6"	9' - 0"	1' - 6"	(5) #4 LONG. BAR AND (9) #4 TRANS. BARS TOP AND BOTTOM
F-6	6' - 0"	6' - 0"	1' - 6"	(8) #5 BAR EACH WAY TOP AND BOTTOM

1. UNLESS NOTED OTHERWISE, REINFORCEMENT TO BE SPACED EVENLY IN FOOTING WITH CORRECT SIDE AND BOTTOM CLEARANCES.

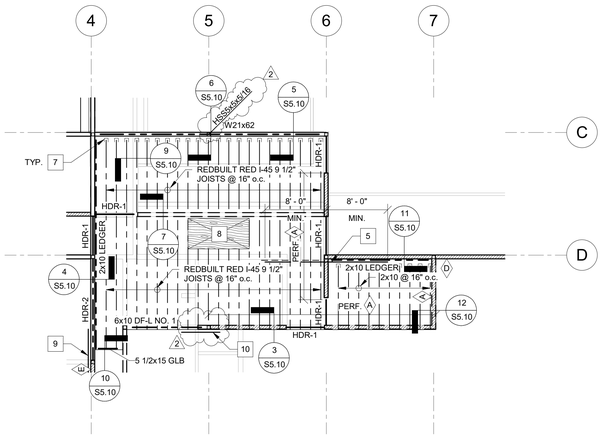
HEADER SCHEDULE			
MARK	BEAM SIZE	KING STUD	TRIMMER STUD
HDR-1	6x10 DF-L NO. 2	(2) 2x6 DF-L NO. 2	2x6 DF-L NO. 2
HDR-2	5 1/2x12 24F-V4 GLB	(2) 2x6 DF-L NO. 2	(2) 2x6 DF-L NO. 2

HOLDOWN SCHEDULE					
(#)	SIMPSON MODEL	POST THICKNESS	FASTENER	ANCHOR	REMARKS
1	HDUE3-SDS3	(2) 2x OR 4x	(7) 1/4 x 2 1/2" SDS	5/8"	PL1/4x3x0'-3" w/ DBL NUT AT BOT OF THREADED ROD
2	HDUE5-SDS3	6x10	(10) 1/4 x 2 1/2" SDS	5/8"	PL1/4x3x0'-3" w/ DBL NUT AT BOT OF THREADED ROD
3	HDUE9-SDS3.5	(3) 2x OR 6x	(16) 1/4 x 3 1/2" SDS	5/8"	PL1/4x3x0'-3" w/ DBL NUT AT BOT OF THREADED ROD

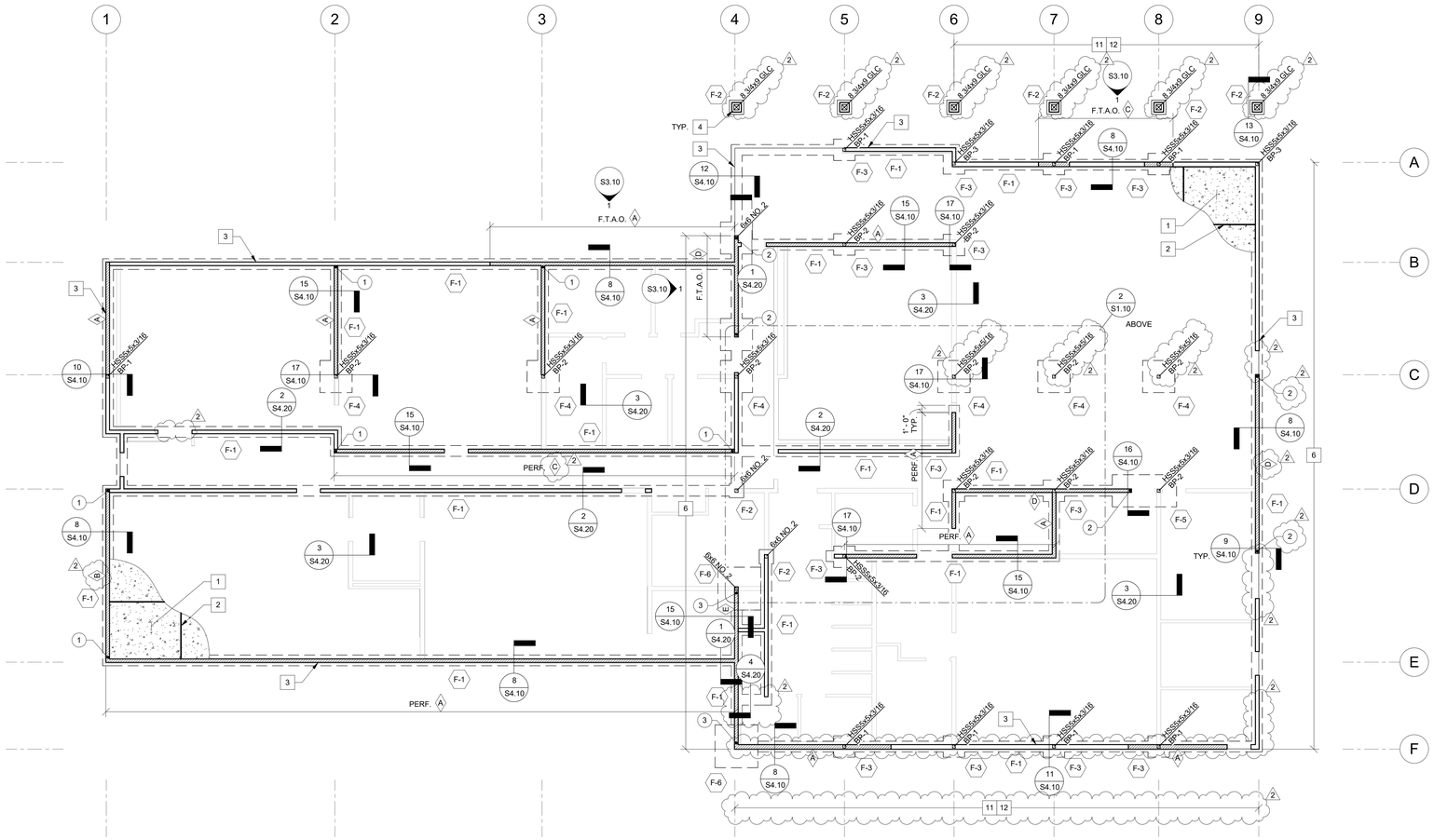
1. NAILS ARE TO BE COMMON WIRE NAILS, U.N.O.
2. HARDWARE IS TO BE SIMPSON, U.N.O.
3. HOLDOWN HARDWARE CAN BE EXTENDED WITH A307 THREADED ROD AND COUPLER.
4. ALL HARDWARE TO BE INSTALLED PER MANUFACTURE'S SPECIFICATIONS.
5. HOLDOWN ANCHOR BOLTS ARE IN ADDITION TO TYPICAL SILL PLATE ANCHOR BOLTS.
6. EXTEND THREADED ROD TO WITHIN 3" CLEAR OF BOTTOM OF FOOTING.
7. SISTER STUDS w/ 3 1/2"x0.162"ø NAILS @ 24" o.c. STAGGERED FULL HEIGHT WHERE SCHEDULE INDICATES (2) 2x STUDS.

SHEAR WALL SCHEDULE									
(X)	SHEATHING	NAIL SIZE (LENGTH, SHANK DIA., HEAD DIA.)	EDGE NAILING (o.c.)	FIELD NAILING (o.c.)	PANEL EDGE STUDS	BOTTOM PLATE DIMENSION	MIN. END STUD SIZE	SILL PLATE ANCHORAGE (o.c.)	REMARKS
A	7/16" APA RATED	2 1/2"x0.131"x0.281"	6"	12"	2x	2x	(2) 2x	5/8" DIA. A.B. @ 4'-0"	--
B	7/16" APA RATED	2 1/2"x0.131"x0.281"	4"	12"	2x	2x	(2) 2x	5/8" DIA. A.B. @ 4'-0"	--
C	7/16" APA RATED	2 1/2"x0.131"x0.281"	3"	12"	(2) 2x	2x	(3) 2x	5/8" DIA. A.B. @ 4'-0"	STAGGER EDGE NAILING AND PANEL BREAKS
D	7/16" APA RATED	2 1/2"x0.131"x0.281"	2"	12"	(2) 2x	2x	6x10	5/8" DIA. A.B. @ 4'-0"	STAGGER EDGE NAILING AND PANEL BREAKS
E	(2) 7/16" APA RATED	2 1/2"x0.131"x0.281"	3"	12"	(2) 2x	2x	(3) 2x	5/8" DIA. A.B. @ 4'-0"	STAGGER PANEL JOINTS EACH SIDE OF WALL

1. ALL PLYWOOD TO BE APA RATED EXPOSURE 1 SHEATHING.
2. ALL NAILS TO BE COMMON OR GALVANIZED BOX TYPE.
3. ALL WALL SHEATHING TO EXTEND FULL HEIGHT OF WALL, TOP PLATE TO BOTTOM PLATE.
4. ALL SHEAR WALLS AND HOLDOWNS MUST HAVE CONTINUOUS LOAD PATH TO FOUNDATION.
5. USE WASHER PL1/4x3x0.3" TYPICAL AT ALL ANCHOR BOLTS.
6. ALL SHEAR WALLS TO BE FULLY BLOCKED U.N.O. BLOCKING TO MATCH REQUIREMENTS FOR PANEL EDGE STUDS.
7. SISTER STUDS w/ 3 1/2"x0.162"ø NAILS @ 24" o.c. STAGGERED FULL HEIGHT WHERE SCHEDULE INDICATES (2) OR MORE END STUDS.
8. FASTEN END STUD TO HSS COLUMN w/ TFG1475S SCREW @ 12" o.c. CENTERED ON HSS COLUMN. MINIMUM (12) SCREWS PER HSS COLUMN.
9. 5/8"ø SIMPSON TITEN ANCHOR CAN BE SUBSTITUTED FOR SILL PLATE ANCHOR SPECIFIED IN TABLE. 5 1/4" MIN. EMBED.



2 S1.10 MEZZANINE FLOOR FRAMING PLAN
1/8" = 1'-0"



1 S1.10 FOUNDATION PLAN
1/8" = 1'-0"

FOUNDATION AND FRAMING PLAN NOTES

A. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY, CONFIRM WITH ARCHITECTURAL PLAN AND DETAILS.

B. BOTTOM OF FOOTINGS TO BE PLACED BELOW FROST DEPTH OR AS NOTED IN THE GEOTECHNICAL REPORT, WHICHEVER IS GREATER.

C. COORDINATE PENETRATIONS OF SITE UTILITIES, MECHANICAL DUCTS, PIPING, AND ELECTRICAL CONDUIT/PANELS TO MINIMIZE IMPACT TO STRUCTURAL FRAMING. PLUMBING FIXTURES SHOWN ON FLOOR FOR REFERENCE AND POSSIBLE FRAMING CONFLICTS ONLY.

D. ALL FOOTINGS ARE TO BE CENTERED UNDER COLUMNS, U.N.O.

E. ALL FOOTINGS TO BEAR OVER GRADE OVER FIRM, UNDISTURBED, NON-ORGANIC, NON-EXPANSIVE NATIVE MATERIAL, OR STRUCTURAL FILL AS REQUIRED PER GEOTECHNICAL REPORT.

F. SEE SHEET S0.10 FOR ADDITIONAL NOTES.

G. INDICATES BEARING WALLS TO BE 2x6 @ 16" o.c. w/ 2x6 DOUBLE TOP PLATE AND SINGLE P.T. BOTTOM PLATE U.N.O.

H. (X) INDICATES SHEAR WALL TYPE. SEE SHEAR WALL SCHEDULE FOR ADDITIONAL INFORMATION.

I. INDICATES SHEAR WALL LOCATION ABOVE FOUNDATION. SEE SHEAR WALL SCHEDULE FOR ADDITIONAL INFORMATION.

J. PERF. (X) ALL SHEAR WALLS INDICATED AS "PERFORATED" THE CONTRACTOR SHALL PROVIDE NAILING PATTERN AROUND ALL WALL PENETRATIONS AS CALLED OUT ON FRAMING PLANS IN CORRESPONDENCE WITH THE SHEAR WALL SCHEDULE.

K. F.T.A.O. (X) INDICATES FORCE TRANSFER AROUND OPENING IN WALL. PROVIDE PANEL EDGE NAILING AROUND ALL WALL PENETRATIONS PER SHEAR WALL SCHEDULE AND STRAPPING AS INDICATED ON SHEET S3.10. SEE ELEVATION ON SHEET S3.10 FOR ADDITIONAL INFORMATION.

L. HDR-X INDICATES HEADER SIZE. SEE HEADER SCHEDULE FOR ADDITIONAL INFORMATION.

M. (#) INDICATES HOLDOWN TYPE AND LOCATION. SEE HOLDOWN SCHEDULE FOR ADDITIONAL INFORMATION.

N. F-XX INDICATES FOOTING TYPE PER FOUNDATION SCHEDULE.

O. BP-X INDICATES BASE PLATE TYP. SEE DETAIL 18/S4.10.

P. DOUBLE ALL FLOOR JOISTS BELOW MECHANICAL EQUIPMENT ON MEZZANINE FLOOR.

FOUNDATION AND FRAMING PLAN KEYNOTES

1. 4" SLAB ON GRADE w/ #4 BARS @ 18" o.c. EACH WAY.
2. CONTROL JOINTS AT MAX. SPACING OF 10'-0" o.c. SEE DETAILS 1 AND 3/S4.10 FOR ADDITIONAL INFORMATION.
3. 6" WIDE REINFORCED CONCRETE STEM WALL w/ #4 HORIZ. BARS @ 12" o.c. AND #4 VERT. BARS @ 18" o.c. (3) MIN. HORIZ. BARS.
4. 1'-4"x1'-4" CONCRETE PEDESTAL w/ (12) #4 VERT. BARS AND #3 HOOPS @ 4" o.c.
5. BACK TO BACK SIMPSON HDUE3-SDS3 FROM MEZZANINE FLOOR TO GRID D SHEAR WALL PER DETAIL 13/S5.10.
6. 1 1/2x5 1/2 VERSA-STUD LVL 1.7E 2400 @ 16" o.c. STUD WALL w/ DOUBLE TOP PLATE AND SINGLE P.T. BOTTOM PLATE.
7. SIMPSON ITS1.81/9.5 HANGER.
8. 3/4" T&G PLYWOOD SHEATHING w/ 3"x0.148"ø NAILS @ 6" o.c. AT BOUNDARY AND PANEL EDGE AND 12" o.c. FIELD NAILING. APPLY 1/4"ø CONT. BEAD OF GLUE TO TOPS OF WOOD FRAMED FLOOR JOISTS, BLOCKING AND PLATES IMMEDIATELY PRIOR TO PLACEMENT OF FLOOR SHEATHING.
9. SIMPSON CS14 STRAP FROM HDR-2 TO GRID 4 UPPER ROOF SHEAR WALL. PROVIDE 4x FULL DEPTH BLOCKING IN WALL. EXTEND 4'-0" INTO SHEAR WALL.
10. 36" LONG SIMPSON CS14 STRAP w/ 2 1/2"x0.148"ø NAILS FROM DOUBLE TOP PLATE TO BEAM CENTERED ON BREAK.
11. 2x8 STUD WALL @ 16" o.c. w/ DOUBLE TOP PLATE AND SINGLE P.T. BOTTOM PLATE.
12. 8" REINFORCED CONCRETE STEM WALL w/ #4 HORIZ. BARS @ 12" o.c. AND #4 VERT. BARS @ 16" o.c. (3) MIN. HORIZ. BARS.

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OREGON JULY 28, 2004
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No.	Description	Date
2	ADDENDUM #2	04/09/26

Project Number K-6433-25
Date 03/16/2026

PERMIT / BID SET

FOUNDATION AND MEZZANINE FLOOR FRAMING PLAN

S1.10

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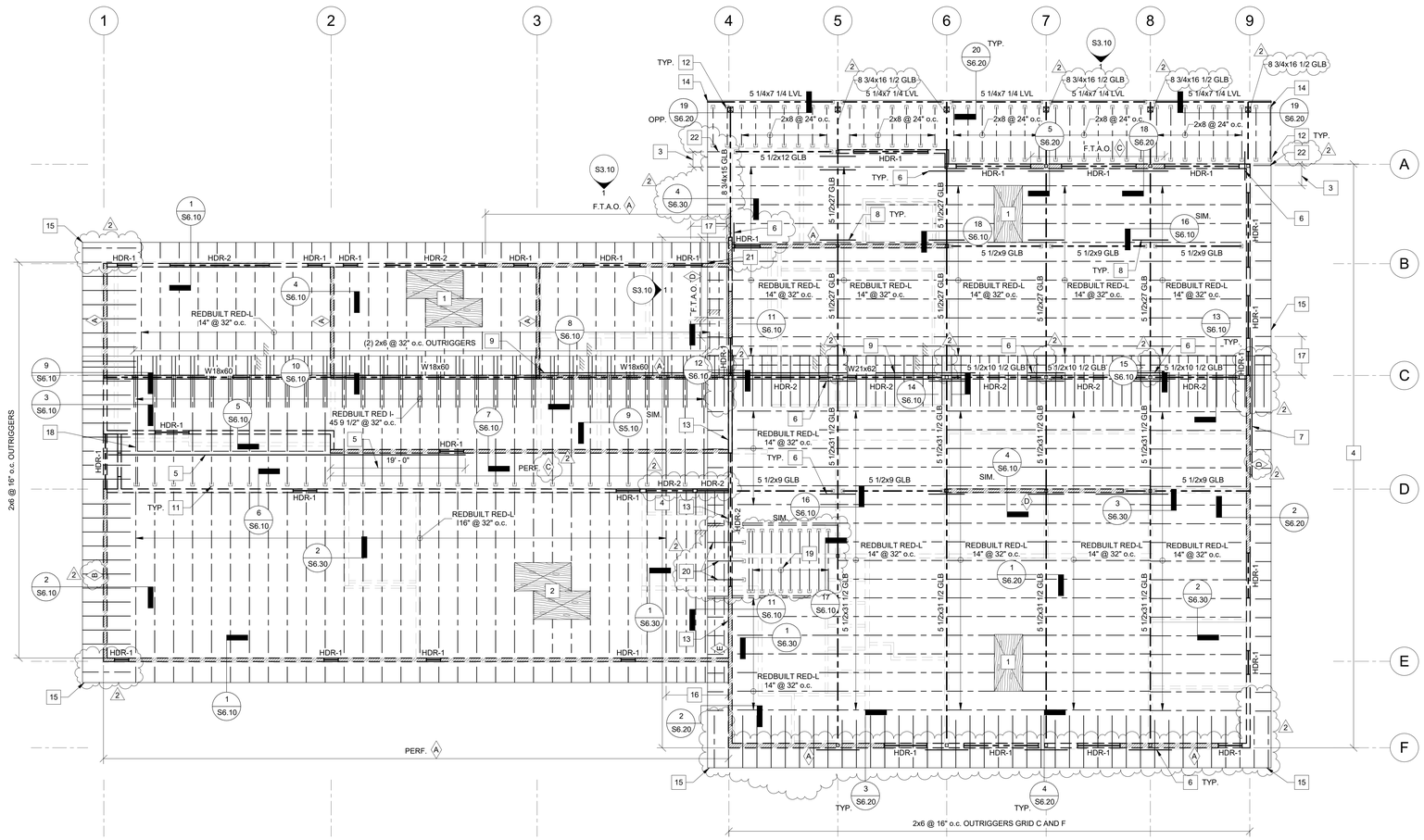
SHEAR WALL SCHEDULE

◇X	SHEATHING	NAIL SIZE (LENGTH, SHANK DIA., HEAD DIA.)	EDGE NAILING (o.c.)	FIELD NAILING (o.c.)	PANEL EDGE STUDS	BOTTOM PLATE DIMENSION	MIN. END STUD SIZE	SILL PLATE ANCHORAGE (o.c.)	REMARKS
A	7/16" APA RATED	2 1/2"x0.131"x0.281"	6"	12"	2x	2x	(2) 2x	5/8" DIA. A.B. @ 4'-0"	--
B	7/16" APA RATED	2 1/2"x0.131"x0.281"	4"	12"	2x	2x	(2) 2x	5/8" DIA. A.B. @ 4'-0"	--
C	7/16" APA RATED	2 1/2"x0.131"x0.281"	3"	12"	(2) 2x	2x	(3) 2x	5/8" DIA. A.B. @ 4'-0"	STAGGER EDGE NAILING AND PANEL BREAKS
D	7/16" APA RATED	2 1/2"x0.131"x0.281"	2"	12"	(2) 2x	2x	6x10	5/8" DIA. A.B. @ 4'-0"	STAGGER EDGE NAILING AND PANEL BREAKS
E	(2) 7/16" APA RATED	2 1/2"x0.131"x0.281"	3"	12"	(2) 2x	2x	(3) 2x	5/8" DIA. A.B. @ 4'-0"	STAGGER PANEL JOINTS EACH SIDE OF WALL

1. ALL PLYWOOD TO BE APA RATED EXPOSURE 1 SHEATHING.
2. ALL NAILS TO BE COMMON OR GALVANIZED BOX TYPE.
3. ALL WALL SHEATHING TO EXTEND FULL HEIGHT OF WALL, TOP PLATE TO BOTTOM PLATE.
4. ALL SHEAR WALLS AND HOLDOWNS MUST HAVE CONTINUOUS LOAD PATH TO FOUNDATION.
5. USE WASHER PL1/4x3x0'-3" TYPICAL AT ALL ANCHOR BOLTS.
6. ALL SHEAR WALLS TO BE FULLY BLOCKED U.N.O. BLOCKING TO MATCH REQUIREMENTS FOR PANEL EDGE STUDS.
7. SISTER STUDS w/ 3 1/2"x0.162"ø NAILS @ 24" o.c. STAGGERED FULL HEIGHT WHERE SCHEDULE INDICATES (2) OR MORE END STUDS.
8. FASTEN END STUD TO HSS COLUMN w/ TFG147SS SCREW @ 12" o.c. CENTERED ON HSS COLUMN. MINIMUM (12) SCREWS PER HSS COLUMN.
9. 5/8"ø SIMPSON TITEN ANCHOR CAN BE SUBSTITUTED FOR SILL PLATE ANCHOR SPECIFIED IN TABLE. 5 1/4" MIN. EMBED.

HEADER SCHEDULE

MARK	BEAM SIZE	KING STUD	TRIMMER STUD
HDR-1	6x10 DF-L NO. 2	(2) 2x6 DF-L NO. 2	2x6 DF-L NO. 2
HDR-2	5 1/2x12 24F-V4 GLB	(2) 2x6 DF-L NO. 2	(2) 2x6 DF-L NO. 2



ROOF FRAMING PLAN NOTES

A. COORDINATE ALL DIMENSIONS AND FEATURES NOT SHOWN WITH ARCHITECT.

B. SEE SHEET S0.10 FOR ADDITIONAL NOTES.

C. INDICATES ROOF STEP TYP. SEE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.

D. BEAMS ARE EQUALLY SPACED IN BAYS, U.N.O.

E. BEAMS ARE CENTERED ON COLUMNS, WALLS, AND/OR GRID LINES, U.N.O.

F. INDICATES BEARING WALLS BELOW FRAMING TO BE 2x6 @ 16" o.c. w/ 2x6 DOUBLE TOP PLATE AND SINGLE BOTTOM PLATE U.N.O.

G. ◇X INDICATES SHEAR WALL TYPE. SEE SHEAR WALL SCHEDULE FOR ADDITIONAL INFORMATION.

H. INDICATES SHEAR WALL LOCATION BELOW FRAMING. SEE SHEAR WALL SCHEDULE FOR ADDITIONAL INFORMATION.

I. PERF. ◇X ALL SHEAR WALLS INDICATED AS "PERFORATED" THE CONTRACTOR SHALL PROVIDE NAILING PATTERN AROUND ALL WALL PENETRATIONS AS CALLED OUT ON FRAMING PLANS IN CORRESPONDENCE WITH THE SHEAR WALL SCHEDULE.

J. F.T.A.O. ◇X INDICATES FORCE TRANSFER AROUND OPENING IN WALL. PROVIDE PANEL EDGE NAILING AROUND ALL WALL PENETRATIONS PER SHEAR WALL SCHEDULE AND STRAPPING AS INDICATED ON SHEET S3.10. SEE ELEVATION ON SHEET S3.10 FOR ADDITIONAL INFORMATION.

K. HDR-X INDICATES HEADER SIZE. SEE HEADER SCHEDULE FOR ADDITIONAL INFORMATION.

ROOF FRAMING PLAN KEYNOTES

1. 5/8" PLYWOOD SHEATHING w/ 3"x0.148"ø NAILS @ 6" o.c. AT BOUNDARY AND PANEL EDGES AND 12" o.c. FIELD NAILING.
2. BLOCKED 5/8" PLYWOOD SHEATHING w/ 3"x0.148"ø NAILS @ 4" o.c. AT BOUNDARY AND CONTINUOUS PANEL EDGES, 6" o.c. AT ALL OTHER PANEL EDGES AND 12" o.c. FIELD NAILING.
3. PROVIDE ADDITIONAL OPEN WEB WOOD JOIST TO BE LOCATED NO MORE THAN 16" FROM GRID A EXTERIOR WALL.
4. 1 1/2x5 1/2 VERSA-LAM LVL 2.1E 2800 @ 16" o.c. STUD WALL w/ DOUBLE TOP PLATE AND SINGLE P.T. BOTTOM PLATE.
5. FULL DEPTH 4x BLOCKING w/ SIMPSON CMST12 STRAP w/ (86) 2 1/2"x0.148"ø NAILS TO EXTEND ALONG WALL TOP PLATES FOR LENGTH PER PLAN.
6. 60" LONG SIMPSON CMST14 STRAP CENTERED ON BREAK w/ (66) 2 1/2"x0.148"ø NAILS EACH SIDE.
7. SIMPSON CMST14 STRAP FROM LOW ROOF DOUBLE TOP PLATES TO SHEAR WALL SOUTH OF GRID C. PROVIDE FULL DEPTH BLOCKING IN SHEAR WALL TO EXTEND 14'-0" MIN.
8. 36" LONG SIMPSON CS14 STRAP CENTERED ON BREAK w/ (26) 2 1/2"x0.148"ø NAILS EACH SIDE.
9. FULL DEPTH 4x BLOCKING w/ SIMPSON CS14 STRAP w/ (26) 2 1/2"x0.148"ø NAILS AND 15" END LENGTH. BLOCKING AND STRAPPING LINE TO EXTEND AS SHOWN FROM GRID 3 TO 4'-0" PAST GRID 6.
10. NOT USED.
11. SIMPSON BA1.81/9.5 HANGER.
12. SIMPSON LUC28 HANGER.
13. 2x10 DF-L NO. 2 ROOF LEDGER ON GRID 4 NOT SHOWN. SEE DETAIL 11/S6.10 FOR REQUIREMENTS. PROVIDE (2) CS14 STRAPS ACROSS ALL BREAKS IN LEDGER.
14. IN THE N/S DIRECTION OF THE ROOF CORNER PROVIDE 1 1/2x16 LVL STRUCTURAL FASCIA FASTENED TO OUTRIGGERS w/ SIMPSON A34 CLIP. STRUCTURAL FASCIA TO BE FASTENED TO MIN. (4) OUTRIGGERS OR 8'-0" WHICHEVER DISTANCE IS GREATER.
15. EACH SIDE OF ROOF CORNER PROVIDE 1 1/2x16 LVL STRUCTURAL FASCIA FASTENED TO OUTRIGGERS w/ SIMPSON A34 CLIP. STRUCTURAL FASCIA TO BE FASTENED TO MIN. (4) OUTRIGGERS OR 8'-0" WHICHEVER DISTANCE IS GREATER.
16. ROOF RAFTER PER PLAN @ 16" o.c. FOR 8'-0" FROM GRID 4.
17. ROOF RAFTER PER PLAN @ 16" o.c. FOR MIN. 48" FROM ROOF STEP. TYP. ALL ROOF RAFTERS AT GRID 4 AND GRID C ROOF STEPS.
18. DOUBLE ROOF RAFTER PER DETAIL 3/S6.10.
19. 2x8 ROOF RAFTERS @ 16" o.c. w/ SIMPSON JB28 HANGER EACH SIDE TO DOUBLE RAFTER.
20. 2x8 OUTLOOKERS @ 16" o.c. w/ SIMPSON LUS26 HANGER. RIP AS REQUIRED.
21. STANDARD BEAM POCKET WITH FOR STRUCTURAL FASCIA PER PLAN.
22. 4x6 DF-L NO. 2 STRONGBACK w/ VERSALOK SCREWS SIM. TO DETAIL 19/S6.20. PROVIDE (2) SIMPSON A34 CLIPS w/ SD SCREWS TO THE FASCIA.

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No.	Description	Date
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Project Number K-6433-25
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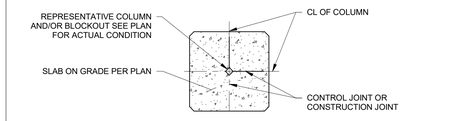
PERMIT / BID SET

ROOF FRAMING PLAN

S2.10

1 S2.10 ROOF FRAMING PLAN
1/8" = 1'-0"

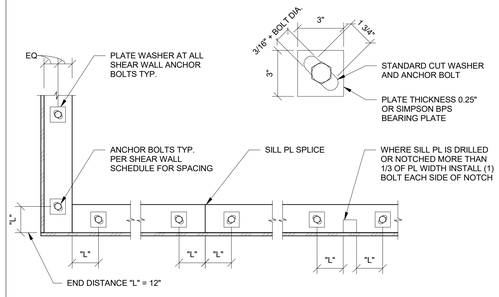
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NOTES:

1. SEE PLAN FOR SLAB ON GRADE THICKNESS AND REINFORCEMENT.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING JOINT LAYOUT FOR REVIEW AND APPROVAL BY ARCHITECT AND STRUCTURAL ENGINEER.
3. PROVIDE JOINT AS SHOWN ON 3/S3.10.
4. SAWED JOINTS SHALL BE MADE AS SOON AS THE JOINT CAN BE CUT WITHOUT EDGES RAVELING AND WITHIN 12 HOURS OF SLAB PLACEMENT.

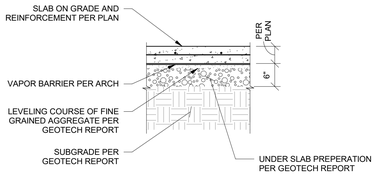
1 JOINTS AT SLAB ON GRADE
S4.10 3/4" = 1'-0"



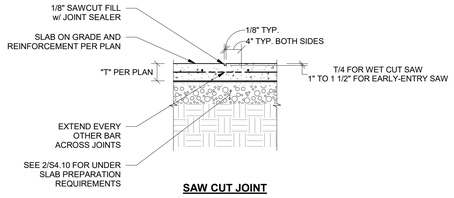
NOTES:

1. ALL SILL PLATES SHALL BE P.T. D.F. OF WIDTH EQUAL TO DEPTH OF STUDS.
2. ALL OVERSIZED BOLT HOLES (HOLES > 1/16" + A.B. ⌀) SHALL BE FILLED w/ EPOXY FOR TIGHT FIT.
3. LOCATE BOLTS CLEAR OF STUDS AND POSTS.
4. PROVIDE A MIN. OF (2) BOLTS PER SILL PIECE.

2 UNDER SLAB PREPERATION AT SLAB ON GRADE
S4.10 3/4" = 1'-0"

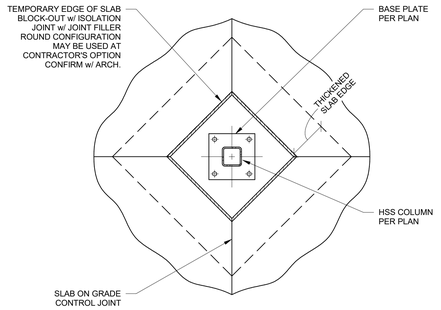


3 CONTROL JOINTS IN SLAB ON GRADE
S4.10 3/4" = 1'-0"

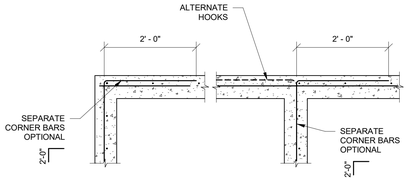


SAW CUT JOINT

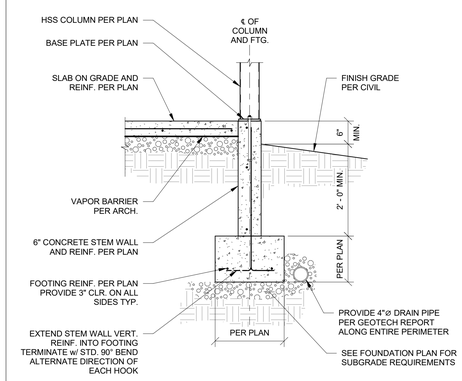
4 ISOLATION JOINT AT COLUMN
S4.10 3/4" = 1'-0"



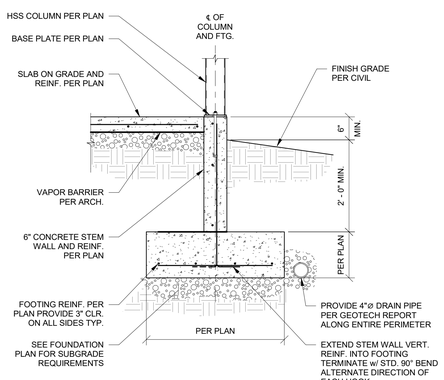
5 STEM WALL CORNER DETAIL
S4.10 3/4" = 1'-0"



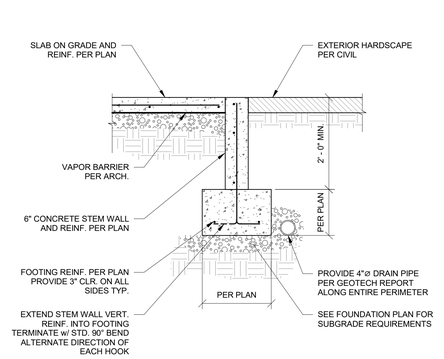
6 SILL PLATE BOLTING AT SHEAR WALLS
S4.10 1" = 1'-0"



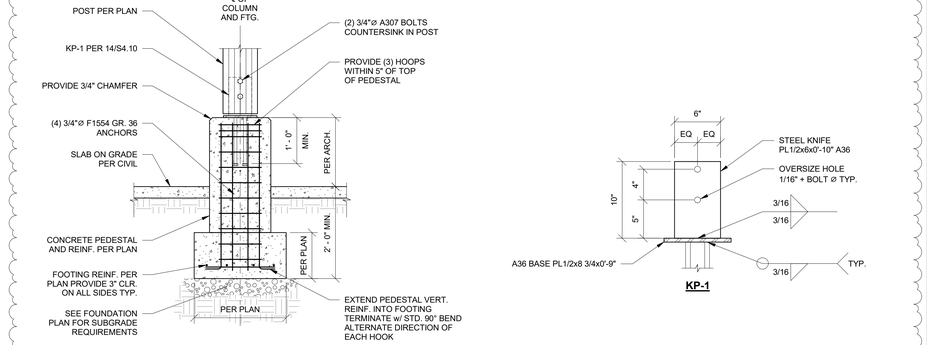
7 SHEAR WALL CORNER AND INTERSECTION DETAIL
S4.10 1" = 1'-0"



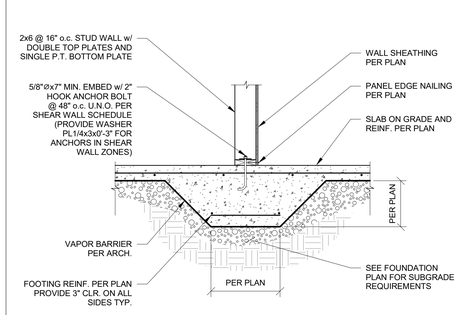
8 TYP. PERIMETER FOOTING
S4.10 3/4" = 1'-0"



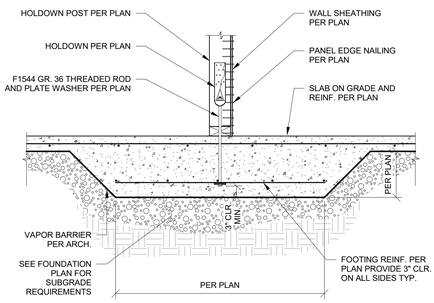
9 TYP. PERIMETER SHEAR WALL HOLDOWN
S4.10 3/4" = 1'-0"



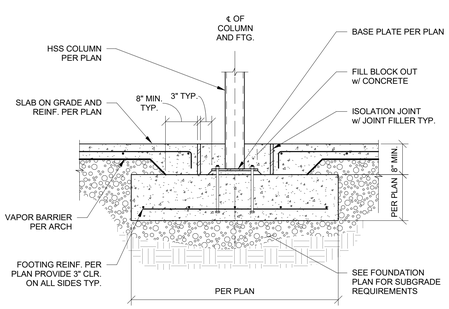
10 HSS AT PERIMETER FOOTING
S4.10 3/4" = 1'-0"



11 HSS AT EXTERIOR SPREAD FOOTING
S4.10 3/4" = 1'-0"

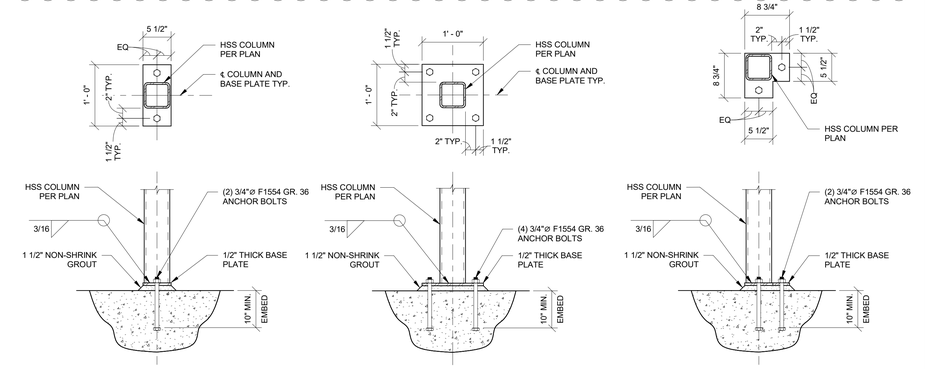


12 TYP. PERIMETER FOOTING AT OPENING
S4.10 3/4" = 1'-0"



13 TYP. SPREAD FOOTING AT CANOPY
S4.10 3/4" = 1'-0"

14 KP-1
S4.10 1 1/2" = 1'-0"



15 TYP. THICKENED SLAB FOOTING AT SHEAR WALL
S4.10 3/4" = 1'-0"

16 TYP. INTERIOR SPREAD FOOTING AT SHEAR WALL
S4.10 3/4" = 1'-0"

17 TYP. HSS INTERIOR SPREAD FOOTING
S4.10 3/4" = 1'-0"

18 TYP. COLUMN BASE PLATE
S4.10 1" = 1'-0"

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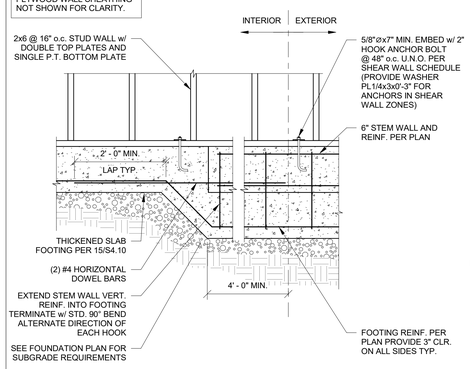
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FOUNDATION DETAILS

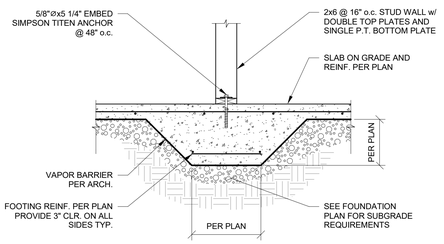
S4.10

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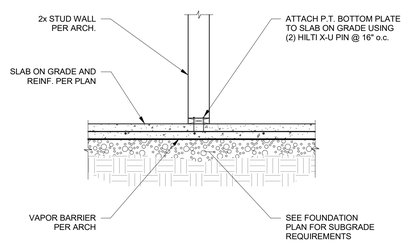
SPECIAL NOTE:
PLYWOOD WALL SHEATHING NOT SHOWN FOR CLARITY.



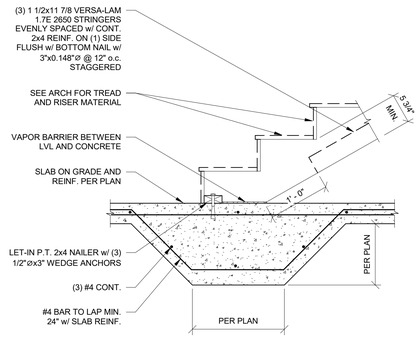
1 S4.20 TYP. EXTERIOR TO INTERIOR WALL TRANSITION
3/4" = 1'-0"



2 S4.20 TYP. THICKENED SLAB FTG. AT BEARING WALL
3/4" = 1'-0"



3 S4.20 TYP. INT. NON-LOAD BEARING WALL ANCHORAGE
3/4" = 1'-0"



4 S4.20 WOOD STRINGER TO THICKENED SLAB
1" = 1'-0"

2

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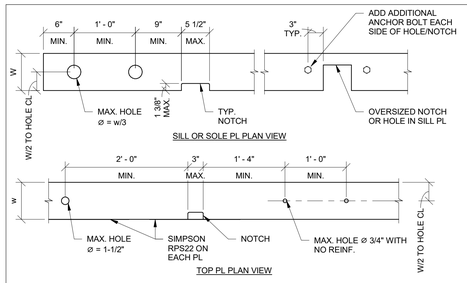
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FOUNDATION DETAILS

S4.20

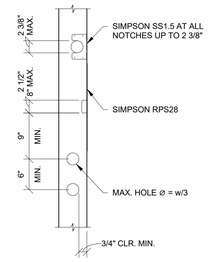
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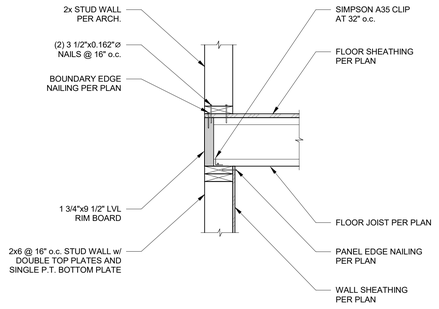
SPECIAL NOTES:
1. "W" DENOTES WIDTH OF WOOD MEMBER.
2. ALL HOLES TO BE DRILLED, NOT SAWN.
3. ALL NOTCHES TO HAVE CORNERS PREDRILLED.

NOTES:
1. "W" DENOTES WIDTH OF WOOD MEMBER.
2. SILL PL NOTES:
   - A. WHERE NOTCH IS GREATER THAN NOTED, PROVIDE ADDITIONAL ANCHOR BOLT EACH SIDE OF NOTCH.
   - B. WHERE BOLT IS LESS THAN 1" CLR. FROM EDGE, PROVIDE ADDITIONAL ANCHOR BOLT.
   - C. ALL OVERSIZED BOLT HOLES (HOLES GREATER THAN 1/16" + ANCHOR BOLT DIAMETER) SHALL BE FILLED w/ EPOXY FOR TIGHT FIT.
3. WHERE NOTCHED OR DRILLED HOLE IN TOP PLATE EXCEEDS ALLOWABLE, CONTACT ZCS.
4. ALL HOLES TO BE DRILLED, NOT SAWN.
5. ALL NOTCHES TO HAVE CORNERS PREDRILLED.

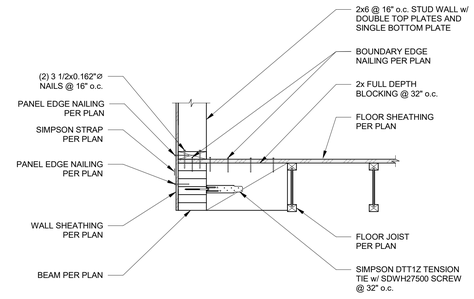
1 S5.10 HOLES AND NOTCHES IN WALL PLATES
1" = 1'-0"



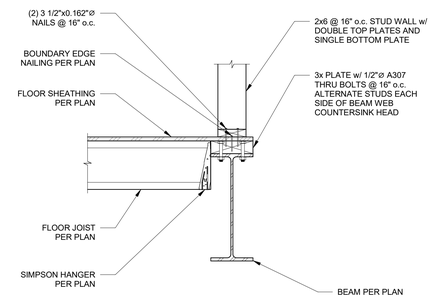
2 S5.10 HOLES AND NOTCHES AT STUDS
1" = 1'-0"



3 S5.10 FLOOR JOIST PERPENDICULAR TO SHEAR WALL
1" = 1'-0"



4 S5.10 FLOOR JOIST PARALLEL TO SHEAR WALL
1" = 1'-0"



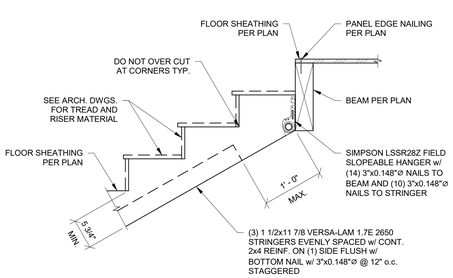
5 S5.10 FLOOR JOIST PERP. TO CLERESTORY
1" = 1'-0"

6 S5.10 HSS COLMN TO BEAM AT CLERESTORY
1" = 1'-0"

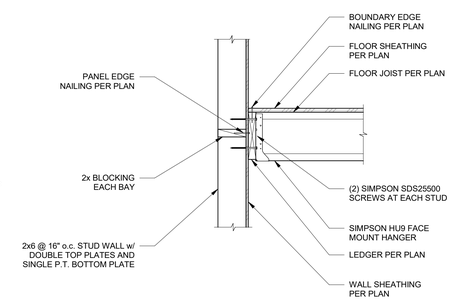
7 S5.10 TYP. INTERIOR BEARING WALL
1" = 1'-0"

8 S5.10 FLOOR JOIST PERPENDICULAR TO PARTITION
1" = 1'-0"

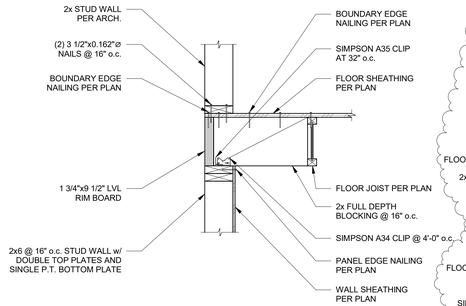
9 S5.10 FLOOR JOIST PARALLEL TO PARTITION
1" = 1'-0"



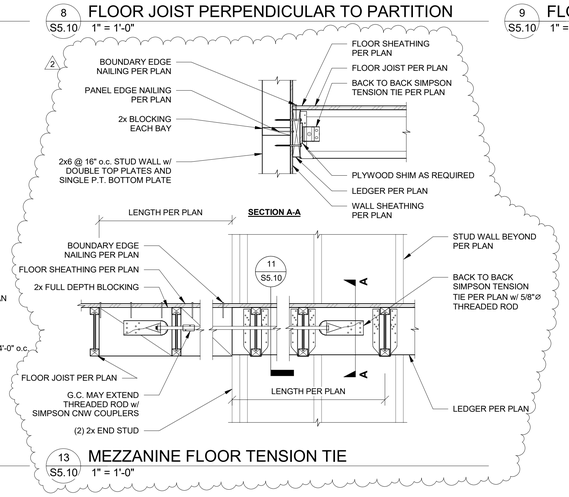
10 S5.10 WOOD STRINGER TO BEAM
1" = 1'-0"



11 S5.10 FLOOR JOIST PERP TO FULL HEIGHT SHEAR WALL
1" = 1'-0"



12 S5.10 FLOOR JOIST PARALLEL TO SHEAR WALL
1" = 1'-0"



13 S5.10 MEZZANINE FLOOR TENSION TIE
1" = 1'-0"

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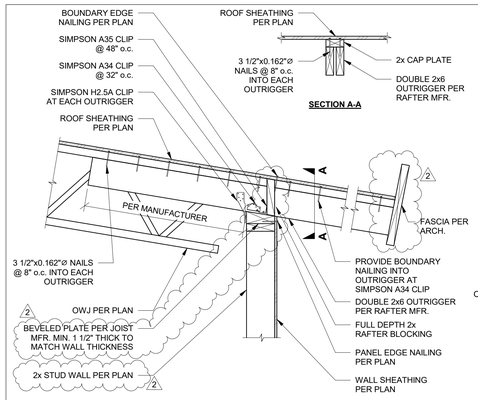
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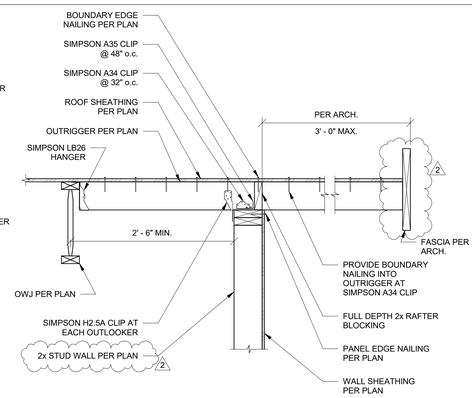
FLOOR FRAMING DETAILS

S5.10

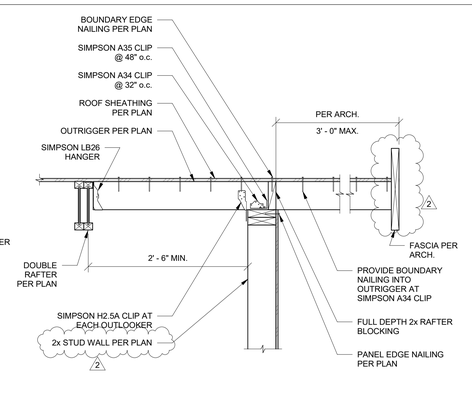
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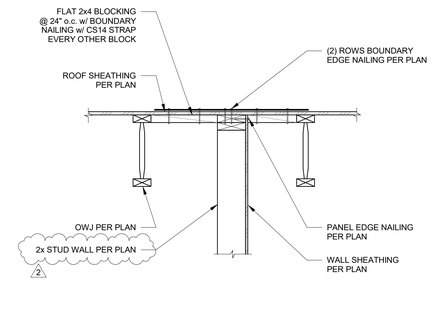
1 S6.10 OWJ PERPENDICULAR TO WALL
1" = 1'-0"



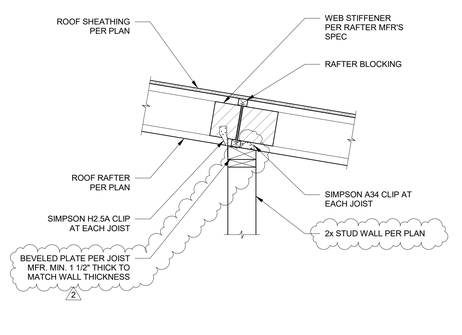
2 S6.10 OWJ PARALLEL TO WALL
1" = 1'-0"



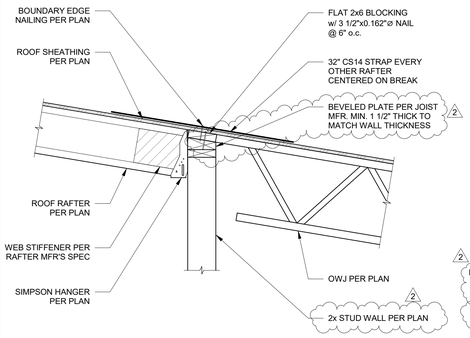
3 S6.10 RAFTER PARALLEL TO WALL
1" = 1'-0"



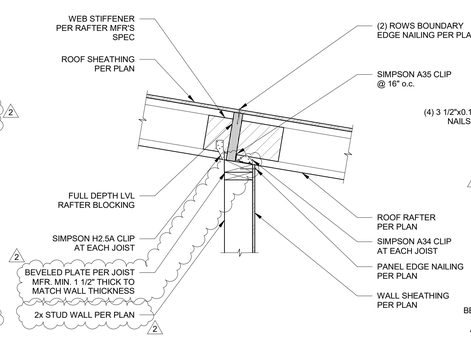
4 S6.10 OWJ PARALLEL TO INTERIOR SHEAR WALL
1" = 1'-0"



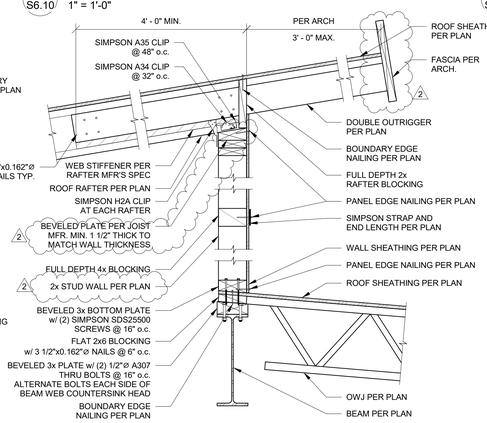
5 S6.10 RAFTER TO BEARING WALL
1" = 1'-0"



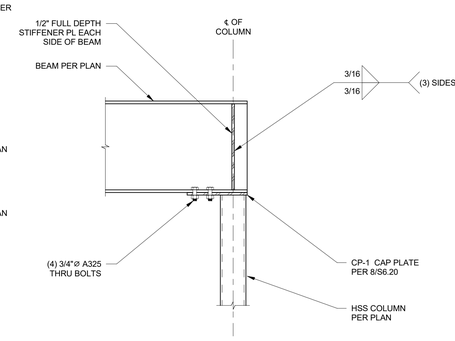
6 S6.10 OWJ TO RAFTER AT BEARING WALL
1" = 1'-0"



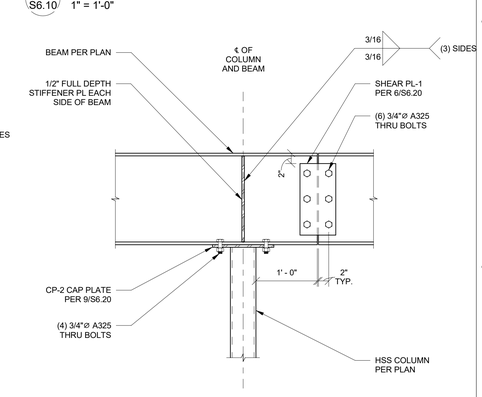
7 S6.10 RAFTER TO INTERIOR SHEAR WALL
1" = 1'-0"



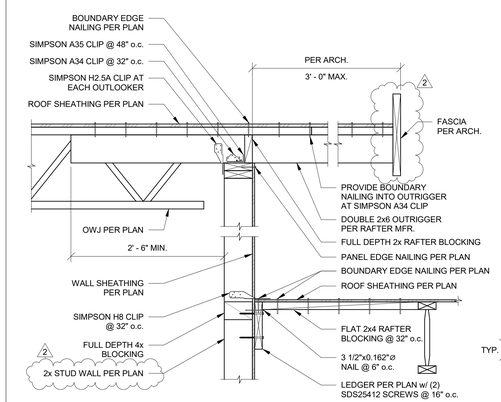
8 S6.10 CLERESTORY AT WEST BUILDING
1" = 1'-0"



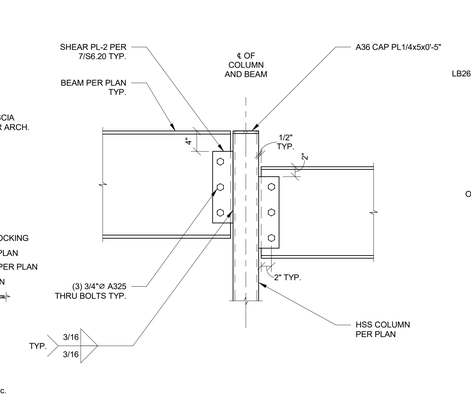
9 S6.10 BEAM TO EXT. HSS COLUMN CONNECTION
1" = 1'-0"



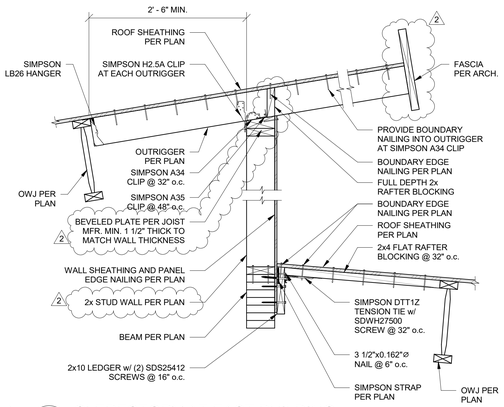
10 S6.10 TYP. BEAM TO INT. HSS COLUMN CONNECTION
1" = 1'-0"



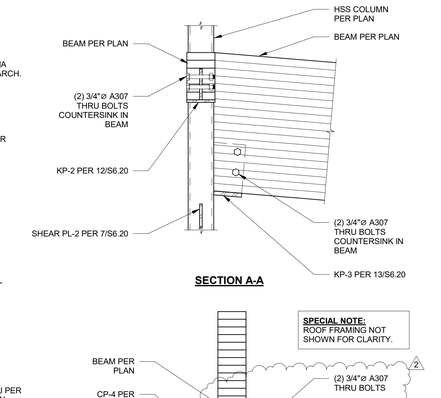
11 S6.10 UPPER ROOF TO LOWER ROOF CONNECTION
1" = 1'-0"



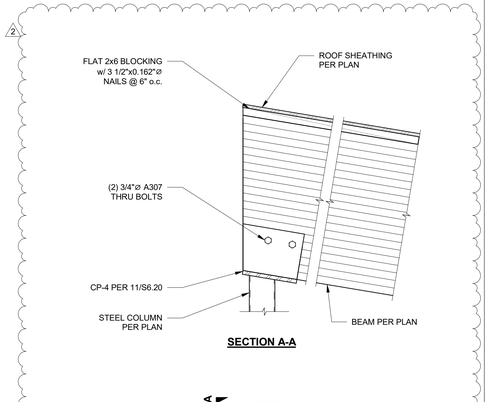
12 S6.10 BEAM TO COLUMN CONNECTION AT GRID C AND 4
1" = 1'-0"



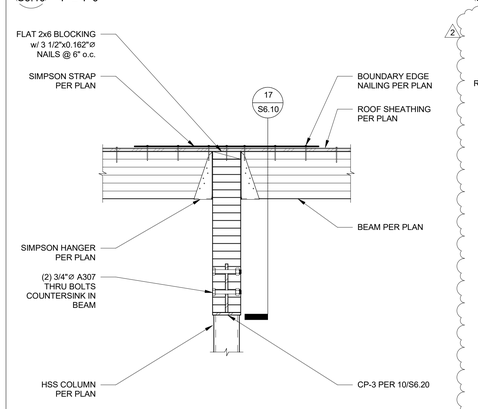
13 S6.10 CLERESTORY AT EAST BUILDING
1" = 1'-0"



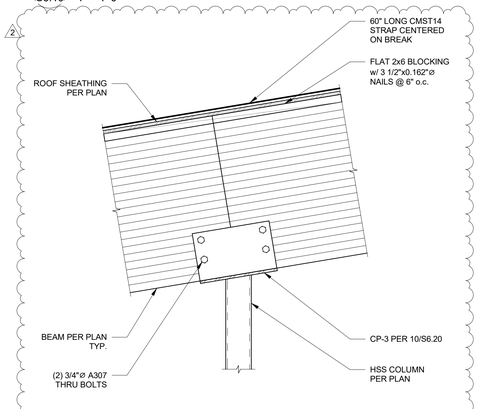
14 S6.10 HSS COLUMN AT GRID 6 & C
1" = 1'-0"



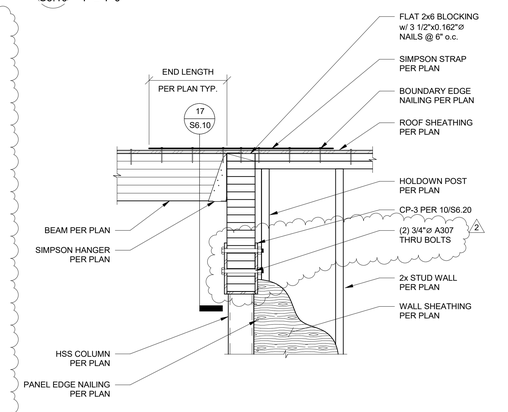
15 S6.10 GLB TO HSS COLUMN CONNECTION
1" = 1'-0"



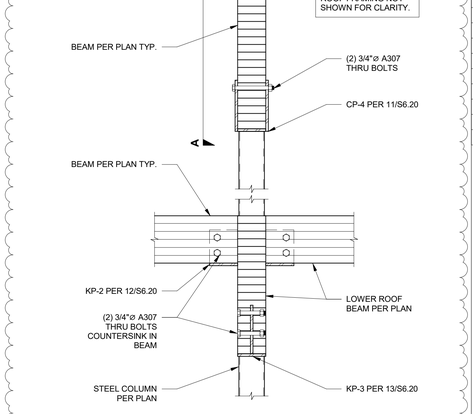
16 S6.10 TYP. DRAG BEAM CONNECTION
1" = 1'-0"



17 S6.10 GLB TO GLB CONNECTION AT HSS COLUMN
1" = 1'-0"



18 S6.10 DRAG BEAM TO SHEAR WALL CONNECTION
1" = 1'-0"



15 S6.10 GLB TO HSS COLUMN CONNECTION
1" = 1'-0"

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No.	Description	Date
2	ADDENDUM #2	04/09/26

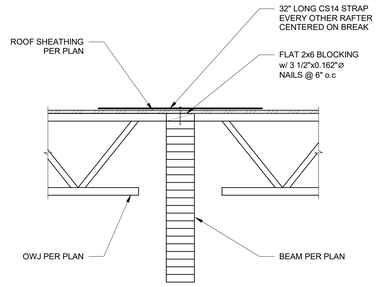
Project Number K-6433-25
Date 03/16/2026

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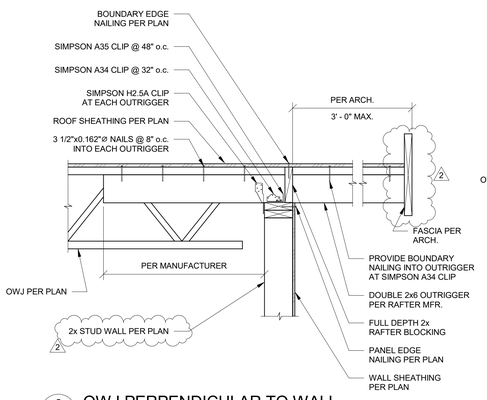
ROOF FRAMING DETAILS

S6.10

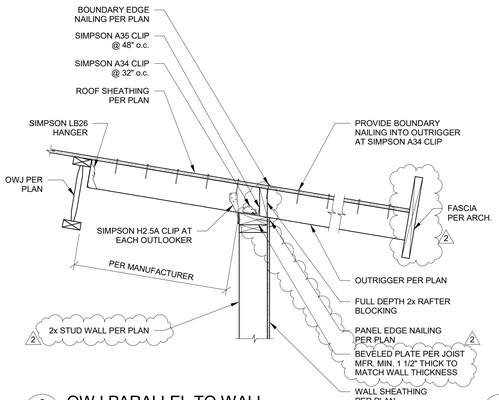
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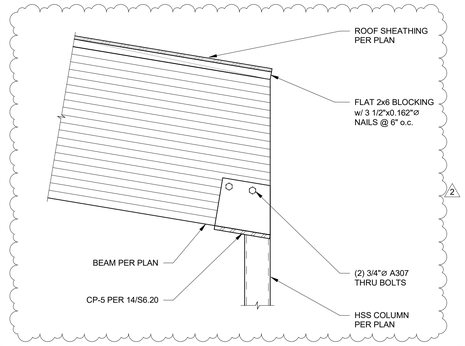
1 S6.20 OWJ PERPENDICULAR TO BEAM
1" = 1'-0"



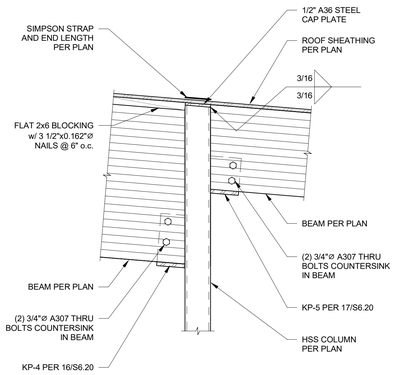
2 S6.20 OWJ PERPENDICULAR TO WALL
1" = 1'-0"



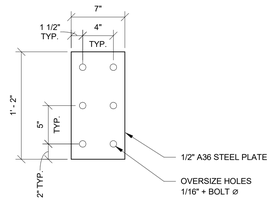
3 S6.20 OWJ PARALLEL TO WALL
1" = 1'-0"



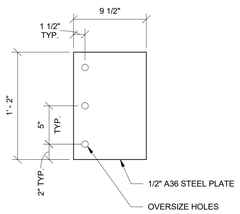
4 S6.20 TYP. GLB TO EXT. HSS COLUMN CONNECTION
1" = 1'-0"



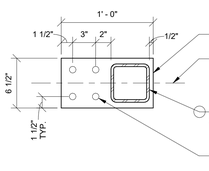
5 S6.20 GLB TO HSS COLUMN CONNECTION AT CANOPY
1" = 1'-0"



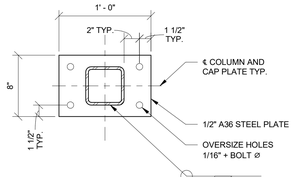
6 S6.20 SHEAR PL-1
1 1/2" = 1'-0"



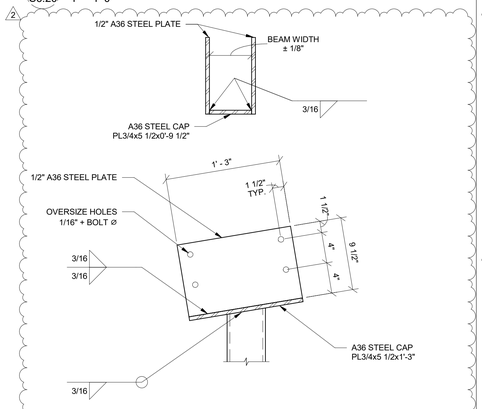
7 S6.20 SHEAR PL-2
1 1/2" = 1'-0"



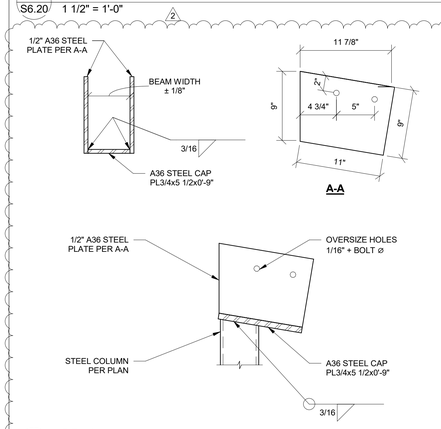
8 S6.20 CP-1
1 1/2" = 1'-0"



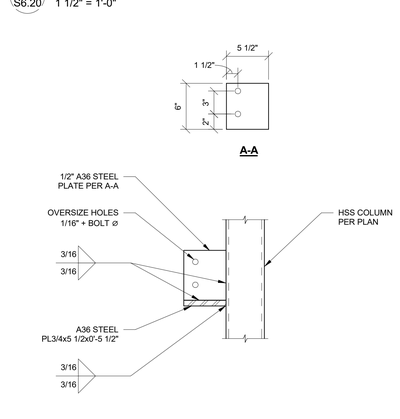
9 S6.20 CP-2
1 1/2" = 1'-0"



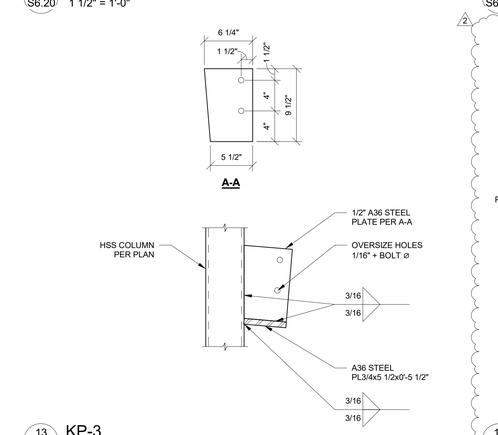
10 S6.20 CP-3
1 1/2" = 1'-0"



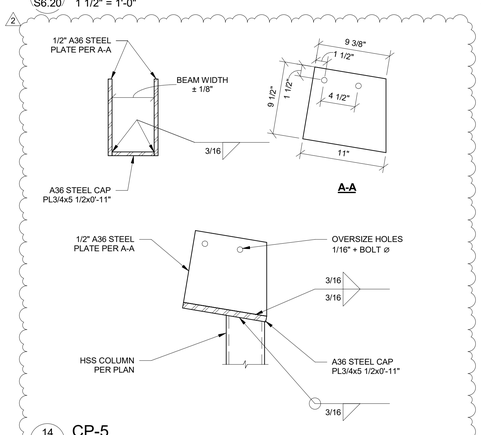
11 S6.20 CP-4
1 1/2" = 1'-0"



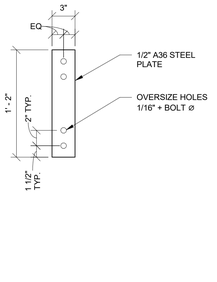
12 S6.20 KP-2
1 1/2" = 1'-0"



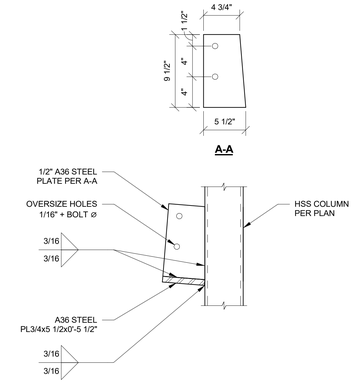
13 S6.20 KP-3
1 1/2" = 1'-0"



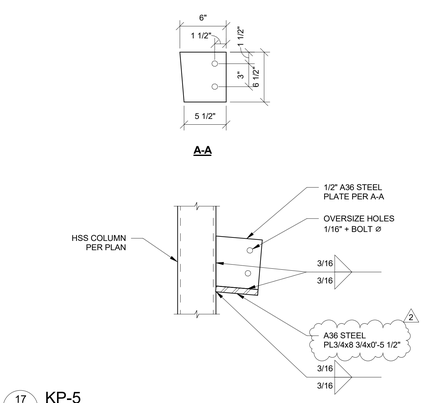
14 S6.20 CP-5
1 1/2" = 1'-0"



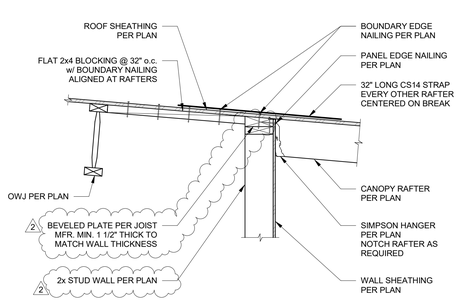
15 S6.20 CP-6
1 1/2" = 1'-0"



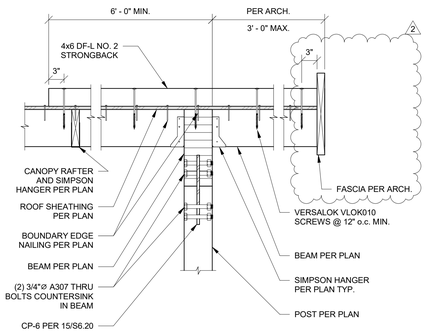
16 S6.20 KP-4
1 1/2" = 1'-0"



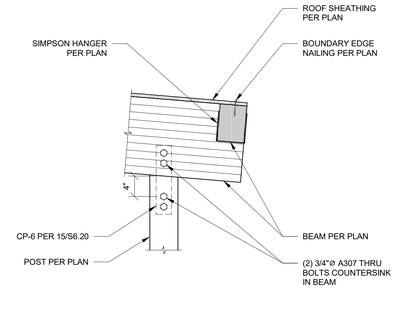
17 S6.20 KP-5
1 1/2" = 1'-0"



18 S6.20 CANOPY RAFTER TO PERPENDICULAR WALL
1" = 1'-0"



19 S6.20 HSS FASCIA TO BEAM CONNECTION
1" = 1'-0"



20 S6.20 CANOPY BEAM TO BEAM CONNECTION
1" = 1'-0"

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No.	Description	Date
2	ADDENDUM #2	04/09/26

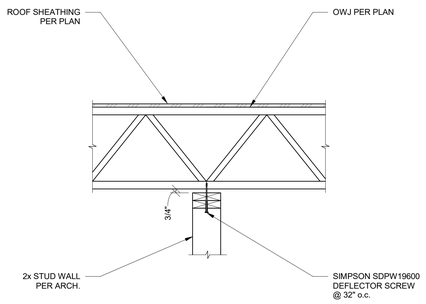
Project Number K-6433-25
Date 03/16/2026

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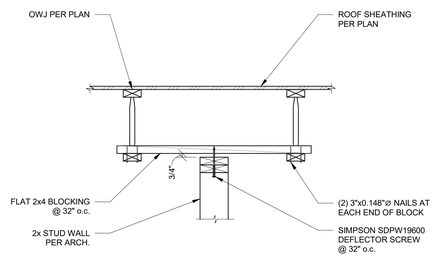
ROOF FRAMING DETAILS

S6.20

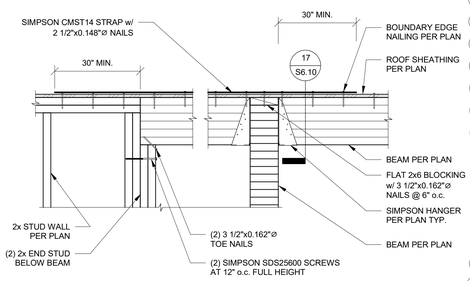
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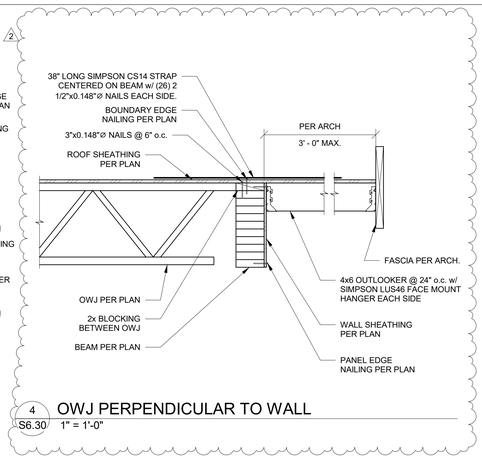
1 S6.30 RAFTER PERPENDICULAR TO PARTITION
1" = 1'-0"



2 S6.30 RAFTER PARALLEL TO PARTITION
1" = 1'-0"



3 S6.30 TYP. DRAG BEAM CONNECTION
1" = 1'-0"



4 S6.30 OWJ PERPENDICULAR TO WALL
1" = 1'-0"

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ROOF FRAMING DETAILS

S6.30

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PUMP SCHEDULE

SYMBOL	EQUIPMENT TYPE	LOCATION / SERVING	BASIS OF DESIGN		FLOW RATE (GPM)	HEAD (FT H2O)	RPM	ELECTRICAL					COMMENTS
			MFR	MODEL				VOLTS	PH	AMPS	WATTS	HP	
BP-1	BOOSTER PUMP (DUPLEX)	FIRE RISER 148 / DOMESTIC WATER SYSTEM	DAB	EASYBOX MAX 45/120	---	---		208	1	(2) 9.4	(2)2000	(2)2.6	PACKAGED PUMP SYSTEM. DUPLEX CONTROL PANEL. SYSTEM INCLUDES HYDROPNEUMATIC TANK.
CP-1	DOMESTIC HOT WATER CIRCULATING PUMP	FIRE RISER 148 / DOMESTIC HOT WATER SYSTEM	TACO	007e-SF4	1	10	1590-4830	120	1	0.54	44	___	STAINLESS STEEL BODY, IN-LINE PUMP.

NOTES:

MISCELLANEOUS EQUIPMENT SCHEDULE

SYMBOL	EQUIPMENT TYPE	LOCATION / SERVING	BASIS OF DESIGN		CAPACITY	GAS DATA	ELECTRICAL					COMMENTS
			MFR	MODEL		INPUT (MBH)	VOLTS	PH	AMPS	WATTS	HP	
EWC-1	ELECTRIC WATER COOLER	HALLWAY 112	---	---	---	---	115	1	3.2	---	---	SEE PLUMBING FIXTURE CONNECTION SCHEDULE
MMV-1	MASTER MIXING VALVE	FIRE RISER 148 / DOMESTIC WATER SYSTEM	---	---	---	---	120	1	3.2	---	---	SEE PLUMBING DEVICE SCHEDULE; PROVIDE OUTLET FOR VLAVE TO PLUG IN TO
TP-1 TP-2 TP-3 (2)	TRAP PRIMER	JC 167 / FLOOR DRAINS	PRECISION PLUMBING PRODUCTS	MP-500	---	---	120	1	2	6.3	---	CONTROLLER INCLUDES CIRCUIT BREAKER, MANUAL SWITCH, AND TIME CLOCK. SERVES 1 TO 4 DRAINS.

NOTES:

WATER & WASTE SERVICE CALCULATIONS

(BASED ON APPENDIX 'A' AND TABLE 702.1/703.2 OF THE 2023 OPSC)

FIXTURE QUANTITY		APPENDIX 'A'	TOTAL FIXTURE UNITS		TABLE 7-3	
PUBLIC GENERAL USE	DESCRIPTION	PUBLIC GENERAL USE	COLD WATER	(.75) HOT WATER	PUBLIC GENERAL USE	TOTAL FIXTURE UNITS
3	CLOTHESWASHER	4.00	12.00	9.00	3.00	9.00
1	DISHWASHER	1.50	1.50	1.50	1.00	1.00
1	DRINKING FOUNTAIN	0.50	0.50	---	1.00	1.00
1	HOSE BIBB	2.50	2.50	---	---	---
4	HOSE BIBB, EACH ADDITIONAL	1.00	4.00	---	---	---
12	LAVATORY	1.00	12.00	9.00	1.00	12.00
8	SINK	1.50	12.00	9.00	2.00	16.00
6	SERVICE SINK/MOP BASIN/SHAMPOO BOWL	3.00	18.00	13.50	3.00	18.00
8	WATER CLOSET, 1.6 GPF, FLUSH VALVE	5.00	40.00	---	4.00	32.00
	TOTAL		102.50	42.00		89.00
	FLOW IN GPM		70	25		
a.	MINIMUM DAILY SERVICE PRESSURE		48	psi		
b.	WATER METER PRESSURE DROP		5	psi		
c.	BACKFLOW PREVENTER		10	psi		
d.	STATIC HEAD LOSS (0.434 /FT X) 10		4.34	psi		
e.	PRESSURE REQUIRED AT FIXTURE		35	psi		
f.	BOOSTED PRESSURE		20	psi		
	PRESSURE AVAILABLE FOR					
	FRICTION LOSS		13.66	psi		
	TOTAL EQUIVALENT PIPE LENGTH					
200	LENGTH X 1.25		250	ft		
.						
	MAXIMUM FRICTION LOSS					
	PRESS. AVAIL. X 100'/EQUIV. LENGTH		5.464	psi		
	SERVICE SIZE TO BUILDING		2"			4"

PLUMBING DEVICES SCHEDULE

SYMBOL	FIXTURE TYPE	DESCRIPTION	BASIS OF DESIGN			CONNECTION				NOTES
			MFR	MODEL	ACCESSORIES	W	V	CW	HW	
CNT-1	CONDENSATE NEUTRALIZING TUBE	UP TO 1.7 GPH, PVC TUBING FILLED WITH 3/8" AGGREGATE AND 100% CALCIUM CARBONATE, SUPPORT BRACKETS, INLET AND OUTLET HOSE BARB FITTING.	AO SMITH	CN2-300		3/4"	---	---	---	0 TO 225,000 BTU/H
DET-1	DOMESTIC WATER EXPANSION TANK - IAPMO	4.4 GALLON CAPACITY, WELDED STEEL CONSTRUCTION, DIAPHRAGM TYPE, SEPARATE WATER RESERVOIR, PRE-PRESSURIZED, IAPMO CERTIFIED.	AMTROL THERM-X-TROL	ST-12		---	---	3/4"	---	
LMV-1	LAVATORY MIXING VALVE	THERMOSTATIC MIXING VALVE, ASSE 1070 COMPLIANT, INTEGRAL CHECK VALVES, LEAD FREE; WATTS LFMMV	CASH ACME	HG135		---	---	1/2"	1/2"	
MMV-1	MASTER MIXING VALVE	FULL PACKAGE SYSTEM WITH HIGH/LOW FLOW MIXING VALVES, GAUGES, PRV(S), VALVES, UNIONS AND OTHER CONNECTIONS, EXPOSED. SYSTEM PEAK = 15 GPM AT 5 PSI FALLOFF.	LEONARD	PNV-100-LF		---	---	3/4"	3/4"	1" OUTLET

NOTES:

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE TYPE	DESCRIPTION	BASIS OF DESIGN			CONNECTION				ELECTRICAL	NOTES
			MFR	MODEL	ACCESSORIES	W	V	CW	HW		
EWC-1	ELECTRIC WATER COOLER	ELECTRIC WATER COOLER - DOUBLE STATION, SURFACE MOUNTED, FILTERED, BOTTLE FILLER,STAINLESS STEEL FINISH, VANDAL RESISTANT, MECHANICALLY ACTIVATED, MOUNTING FRAME	ELKAY	LZSG8WSSK	IN-WALL CARRIER SYSTEM - ELKAY MODEL MLP100	1-1/2"	1-1/2"	1/2"	--	115V, 60HZ, 6 AMPS	SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT, COORDINATE ELECTRICAL REQUIREMENTS WITH DIVISION 26.
FD-1	FLOOR DRAIN	CAST IRON BODY, FLASHING COLLAR, 6-INCH ADJUSTABLE NICKEL BRONZE STRAINER HEAD, TRAP PRIMER, VANDAL PROOF SCREWS	JR SMITH	2005Y-A-06-P050-U-NB		SEE PLANS	SEE PLANS	PRIMER CONN.	--	--	
FS-1	FLOOR SINK	12-1/2" TOP, CAST IRON FLANGED RECEPTOR, SEEPAGE HOLES, ACID RESISTANT COATED INTERIOR, NICKEL BRONZE RIM, LESS GRATE, ALUMINUM DOME BOTTOM STRAINER, 10-INCH DEEP, NO-HUB OUTLET	JR SMITH	3160Y		SEE PLANS	SEE PLANS	PRIMER CONN.	--	--	SEE DRAWINGS FOR GRATE
IM-1	OUTLET BOX	ICE MAKER OUTLET BOX (FIRE RATED) - NSF-372 COMPLIANT, ABS BOX/FRAME, NO-LEAD BRASS VALVE, ASSE 1010 WATER HAMMER ARRESTOR, 1/4" OUTLET CONNECTION	SIOUX CHIEF	696RG1010		--	--	1/2"	--	--	SUPPLY CONNECTION TYPE PER PIPING MATERIAL. INSTALL WITH BOTTOM OF BOX AT 18" A.F.F. UNLESS NOTED OTHERWISE.
L-1	LAVATORY	WALL HUNG, ADA COMPLIANT, VITREOUS CHINA, SINGLE-HOLE PUNCH, REAR OVERFLOW, VITREOUS CHINA SHROUD/KNEE CONTACT GUARD	AMERICAN STANDARD	0955001EC	DECK MOUNTED, METERING FAUCET, SINGLE HOLE, SINGLE-SUPPLY, 0.20 MAX. GALLON/CYCLE, VANDAL RESISTANT; CHICAGO FAUCETS MODEL 3500-E2805ABCP; ASSE 1070 COMPLIANT MIXING VALVE, INTEGRAL CHECK VALVES, WATTS MODEL LFMMV (SET DISCHARGE TEMPERATURE AT 110 DEG. F.)	1-1/2"	1-1/2"	1/2"	1/2"	--	MOUNT LAVATORY AT ADA COMPLIANT HEIGHT, SEE ARCHITECTURAL PLANS FOR HEIGHT AND LOCATION. SEE SPECIFICATION SECTION 224000 FOR FLOOR MOUNTED CARRIER, TRAP COVERS, SUPPLY STOPS AND ADDITIONAL ACCESSORIES
MS-1	MOP SINK	FLOOR MOUNTED, TERRAZZO, 24-INCHES X 24-INCHES X 10-INCHES, WITH OPTIONAL (A-20) ALUMINUM BUMPER GUARDS AND (BP) SPLASH PANELS	STERN WILLIAMS	MTB-2424	WALL HUNG, MOP SINK FAUCET, 8-INCH CENTERS, LEVER HANDLES, PAIL HOOK, CHROME PLATED, ATMOSPHERIC VACUUM BREAKER, 3/4" THREADED HOSE OUTLET AND WALL FLANGE; CHICAGO FAUCETS MODEL 540-LD897SWXFABCP; 3/8" OFFSET INLET SUPPLY ARM WITH INTEGRAL CHECK; CHICAGO FAUCETS MODEL GCJKABCP	3"	2"	1/2"	1/2"	--	
MS-2	MOP SINK	FLOOR MOUNTED, TERRAZZO, 24-INCHES X 24-INCHES X 6-INCHES, WITH OPTIONAL (A-20) ALUMINUM BUMPER GUARDS AND (BP) SPLASH PANELS	STERN WILLIAMS	SB2424	WALL HUNG, MOP SINK FAUCET, 8-INCH CENTERS, LEVER HANDLES, PAIL HOOK, CHROME PLATED, ATMOSPHERIC VACUUM BREAKER, 3/4" THREADED HOSE OUTLET AND WALL FLANGE; CHICAGO FAUCETS MODEL 540-LD897SWXFABCP; 3/8" OFFSET INLET SUPPLY ARM WITH INTEGRAL CHECK; CHICAGO FAUCETS MODEL GCJKABCP; HOSE AND HOSE BRACKET: FIAT 832AA	3"	2"	1/2"	1/2"	--	
S-1	SINK	DROP-IN, SINGLE BOWL, 18 GAUGE STAINLESS STEEL, 19-1/2-INCHES X 19-INCHES X 6-1/2-INCHES DEEP, 30-INCH MINIMUM CABINET SIZE, 1-HOLE PUNCH, BARRIER FREE (2)	ELKAY	LRAD191965 (2)	DECK MOUNTED FAUCET, GOOSENECK WITH PULL DOWN SPOUT, SINGLE LEVER, 1.5 GPM AERATED FLOW RATE; CHICAGO FAUCETS MODEL 434-ABCP	2"	1-1/2"	1/2"	1/2"	--	SEE SPECIFICATION SECTION 224000 FOR SUPPLY STOPS AND ADDITIONAL ACCESSORIES.
S-2	SHAMPOO SINK	BY OTHERS, CONTRACTOR INSTALLED.				2"	1-1/2"	1/2"	1/2"	--	SEE SPECIFICATION SECTION 224000 FOR SUPPLY STOPS AND ADDITIONAL ACCESSORIES.
S-3	SINK	DROP-IN, SINGLE BOWL, 18 GAUGE STAINLESS STEEL, 25-INCHES X 19-1/2-INCHES X 12-1/8-INCHES DEEP, 30-INCH MINIMUM CABINET SIZE, 1-HOLE PUNCH	ELKAY	DLFR251912	DECK MOUNTED FAUCET, GOOSENECK WITH PULL DOWN SPOUT, SINGLE LEVER, 1.5 GPM AERATED FLOW RATE; CHICAGO FAUCETS MODEL 434-ABCP	2"	1-1/2"	1/2"	1/2"	--	SEE SPECIFICATION SECTION 224000 FOR SUPPLY STOPS AND ADDITIONAL ACCESSORIES.
S-4 (2)	LAUNDRY SINK	FLOOR MOUNTED, FAUCET MOUNTING DECK (4-INCH CENTERS), ONE PIECE MOLDED STRUCTURAL THERMOPLASTIC RESIN, STEEL LEGS, 20-INCHES X 24-INCHES X 13 INCHES DEEP TUB	MUSTEE	19F	DECK MOUNTED FAUCET, GOOSENECK WITH PULL DOWN SPOUT, SINGLE LEVER, 1.5 GPM AERATED FLOW RATE; CHICAGO FAUCETS MODEL 434-ABCP	2"	1-1/2"	1/2"	1/2"	--	SEE SPECIFICATION SECTION 224000 FOR SUPPLY STOPS AND ADDITIONAL ACCESSORIES.
WC-1	WATER CLOSET	FLOOR MOUNTED, FLOOR OUTLET, GRAVITY TANK TYPE, VITREOUS CHINA, STANDARD HEIGHT, ELONGATED, 1.28 GPF, 12" ROUGH-IN	AMERICAN STANDARD	3451.001	FLUSH VALVE - MANUAL OPERATION, 1.28 GPF, POLISHED CHROME FINISH, TOP SPUD; SLOAN MODEL ROYAL 111-1.28; SEAT - ELONGATED, PLASTIC, SELF-SUSTAINING CHECK HINGES WITH NON-CORRODING STAINLESS STEEL POSTS; BEMIS MODEL 1955SSCT	3"	2"	1/2"	--	--	SEE ARCHITECTURAL PLANS FOR LOCATION. SEE SPECIFICATION SECTION 224000 FOR ADDITIONAL ACCESSORIES.
WC-2	WATER CLOSET	FLOOR MOUNTED, FLOOR OUTLET, GRAVITY TANK TYPE, VITREOUS CHINA, ADA HEIGHT, ELONGATED, 1.28 GPF, 10" ROUGH-IN	AMERICAN STANDARD	3461.001	FLUSH VALVE - MANUAL OPERATION, 1.28 GPF, POLISHED CHROME FINISH, TOP SPUD; SLOAN MODEL ROYAL 111-1.28; SEAT - ELONGATED, PLASTIC, SELF-SUSTAINING CHECK HINGES WITH NON-CORRODING STAINLESS STEEL POSTS; BEMIS MODEL 1955SSCT	3"	2"	1/2"	--	--	SEE ARCHITECTURAL PLANS FOR LOCATION. SEE SPECIFICATION SECTION 224000 FOR ADDITIONAL ACCESSORIES.
WH-1	WALL HYDRANT	ENCASED (RECTANGULAR BOX), NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING, CHROME PLATED BOX/DOOR ASSEMBLY, DOUBLE CHECK BACKFLOW PREVENTER, LOOSE TEE KEY OPERATION	WOODFORD	B67		--	--	3/4"	--	--	
WM-1	OUTLET BOX	WASHING MACHINE OUTLET BOX (FIRE RATED) - NSF-372 COMPLIANT, ABS BOX/FRAME, NO-LEAD BRASS VALVES, ASSE 1010 WATER HAMMER ARRESTORS, 3/4" OUTLET CONNECTIONS, 2" DRAIN CONNECTION, INDIVIDUAL DRAIN AND SUPPLY BOXES	SIOUX CHIEF	696RG2313		2"	1-1/2"	1/2"	1/2"	--	SUPPLY CONNECTION TYPE PER PIPING MATERIAL. INSTALL WITH BOTTOM OF BOX AT 34" A.F.F. UNLESS NOTED OTHERWISE.

NOTES:
1 SEE ARCHITECTURAL DRAWINGS FOR ALL FIXTURE MOUNTING HEIGHTS AND LOCATIONS.
* UNLESS NOTED OTHERWISE ON DRAWINGS

GAS WATER HEATER SCHEDULE - TANK TYPE

SYMBOL	EQUIPMENT TYPE	LOCATION / SERVING	BASIS OF DESIGN		GAS			CAPACITY			ELECTRICAL			COMMENTS
			MFR	MODEL	TYPE	INPUT (BTU/H)	PRESSURE - MIN/MAX (IN. W.C.) MIN/MAX (IN. W.C.)	TANK CAPACITY (GALLONS) CAPACITY (GALLONS)	RECOVERY RATE @ 100F RISE (GPH)	EFFICIENCY (%)	VOLTS	PH	AMPS	
WH-1	WATER HEATER - GAS FIRED	FIRE RISER 148 / DOMESTIC HOT WATER SYSTEM	AO SMITH	BTH-199	GAS	199,000	3.5 - 14	100	256	96	120	1	5	

NOTES:

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REGISTERED PROFESSIONAL ENGINEER — OREGON — MAY 10, 2005 — ANDREW LASSE

EXPIRES: 12/31/26

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Klamath Community College, Cosmetology Center Project

7390 S 6TH STREET
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97603

No.	Description	Date
2	Addendum #2	4/9/2026

Project Number 2507
Date 3/16/2026

PERMIT / BID SET

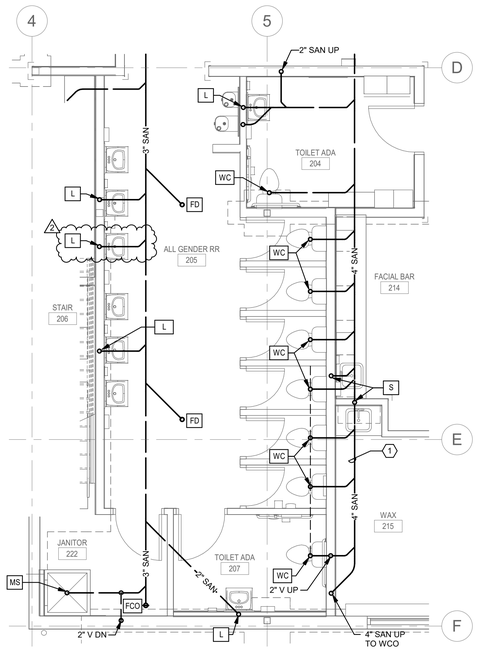
SCHEDULES - PLUMBING

P0.02

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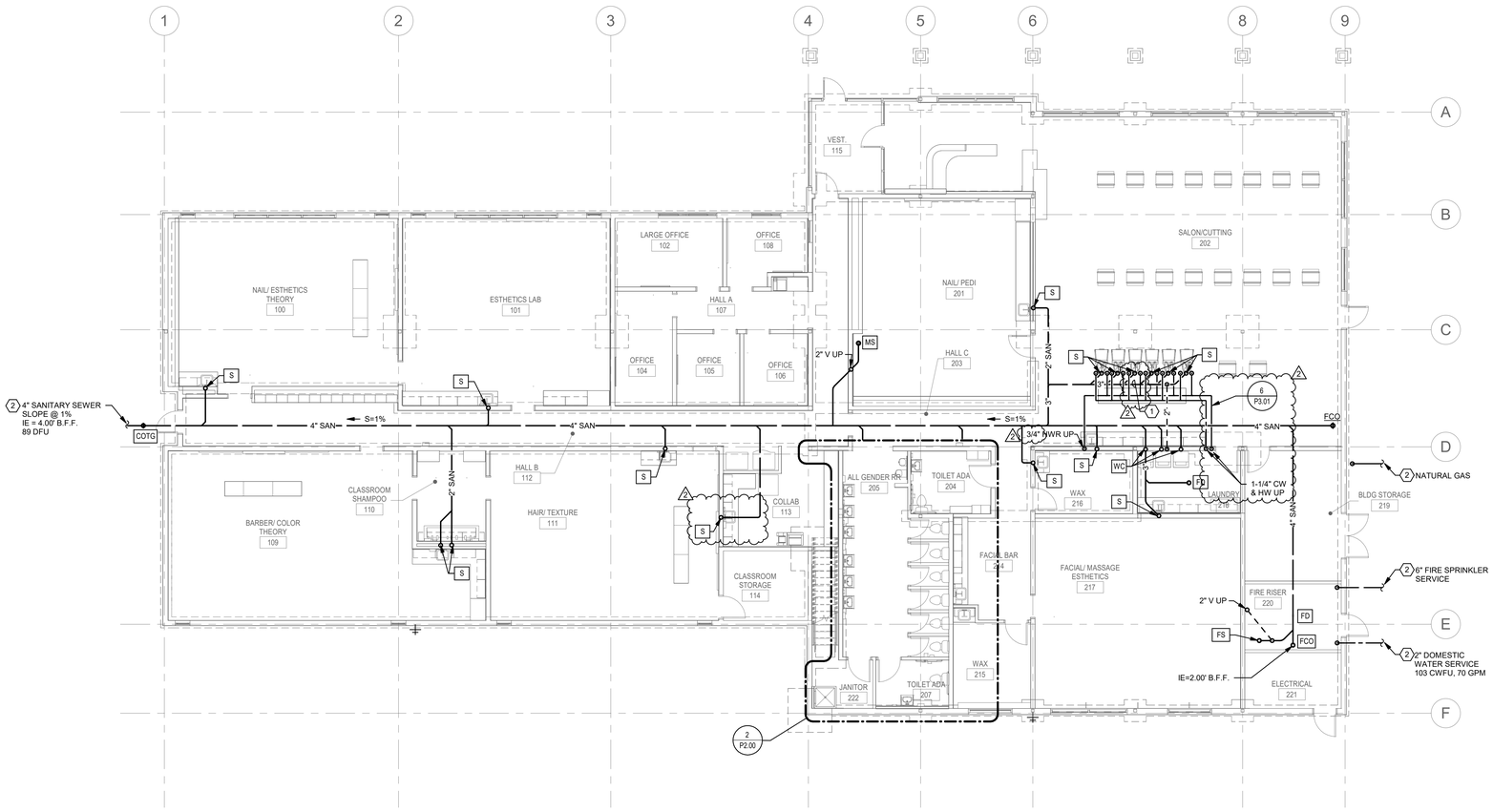
SHEET KEYNOTES

1. PIPING SERVING FIXTURES IS DESIGNED AS A CIRCUIT VENT SYSTEM PER OPSC.
2. SEE CIVIL DRAWINGS FOR CONTINUATION. COORDINATE CONNECTION POINTS PRIOR TO INSTALLATION.



2 ENLARGED PARTIAL PLAN - PLUMBING

0' 2' 4' 8'
1/4" = 1'-0"



1 UNDERFLOOR PLAN - PLUMBING

0' 4' 8' 16'
1/8" = 1'-0"

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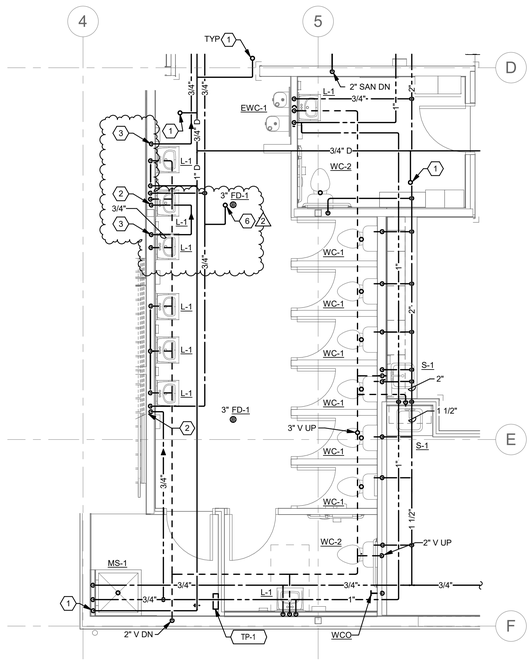
UNDERFLOOR PLAN - PLUMBING

P2.00

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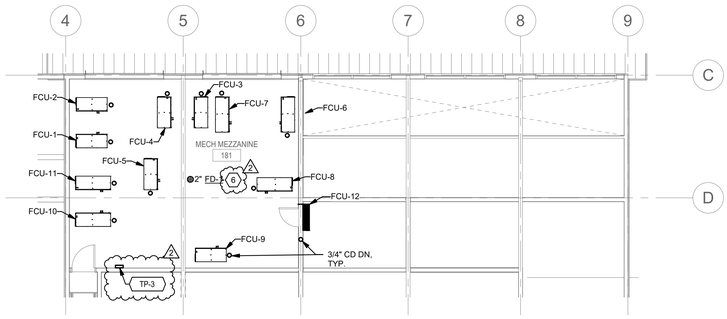
SHEET KEYNOTES

1. ROUTE CONDENSATE PIPING FROM FAN COIL DOWN THROUGH FLOOR AND DISCHARGE TO MOP SINK WITH AIR GAP. COORDINATE EXACT LOCATION WITH EQUIPMENT PRIOR TO INSTALLATION.
2. ROUTE HW PIPING DN IN WALL TO SERVE LAVATORIES. (2)
3. ROUTE CW PIPING UP TO CEILING SPACE AFTER SERVING LAST LAVATORIES. (2)
4. ROUTE CW/HW PIPING IN WALL SO SERVE WASHING MACHINES.
5. INSTALL FAUCET ON WALL OVER MOP SINK. COORDINATE MOUNTING HEIGHT WITH OWNER.
6. PROVIDE ELECTRONIC TRAP PRIMER, TP-3 TO SERVE MEZZANINE FLOOR DRAIN. EXTEND 3/4" CW UP TO MEZZANINE. (2)
7. ALL UTILITIES SERVING SHAMPOO BOWLS TO COME FROM BELOW THE FLOOR. PROVIDE SUPPORTS AS NEEDED TO SECURE WATER AND WASTE PIPING. COORDINATE INSTALLATION WITH EQUIPMENT REQUIREMENTS



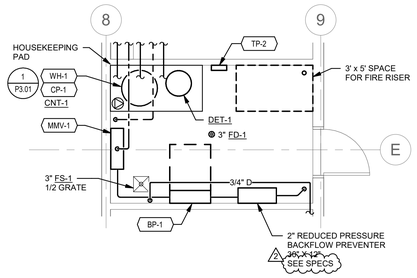
2 ENLARGED PARTIAL PLAN - PLUMBING

1/4" = 1'-0"



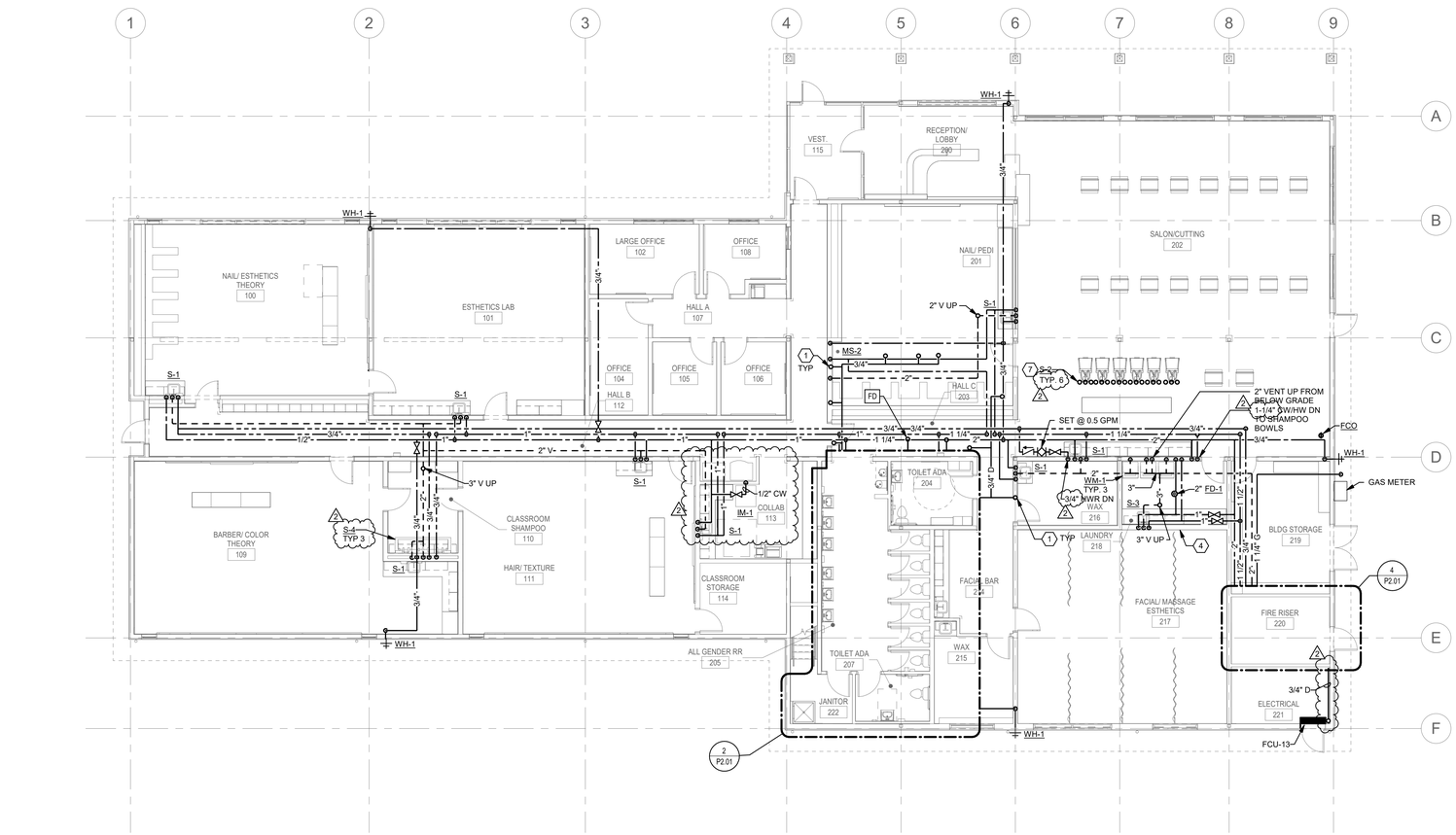
3 MECHANICAL MEZZANINE PLAN - PLUMBING

1/8" = 1'-0"



4 ENLARGED FIRE RISER ROOM - PLUMBING

1/4" = 1'-0"



1 OVERALL FLOOR PLAN - PLUMBING

1/8" = 1'-0"

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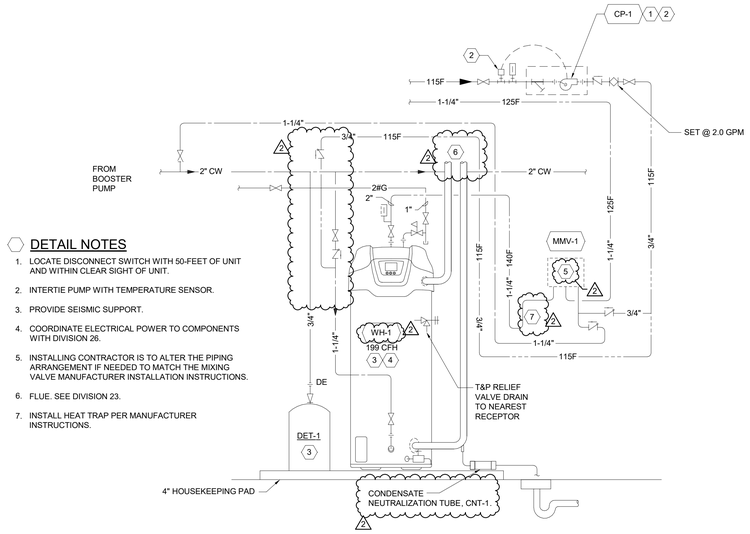
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OVERALL FLOOR PLAN - PLUMBING

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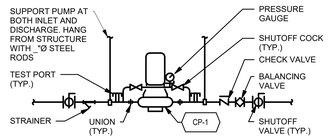


DETAIL NOTES

1. LOCATE DISCONNECT SWITCH WITH 50-FEET OF UNIT AND WITHIN CLEAR SIGHT OF UNIT.
2. INTERTIE PUMP WITH TEMPERATURE SENSOR.
3. PROVIDE SEISMIC SUPPORT.
4. COORDINATE ELECTRICAL POWER TO COMPONENTS WITH DIVISION 26.
5. INSTALLING CONTRACTOR IS TO ALTER THE PIPING ARRANGEMENT IF NEEDED TO MATCH THE MIXING VALVE MANUFACTURER INSTALLATION INSTRUCTIONS.
6. FLUE. SEE DIVISION 23.
7. INSTALL HEAT TRAP PER MANUFACTURER INSTRUCTIONS.

1 WATER HEATER

NO SCALE

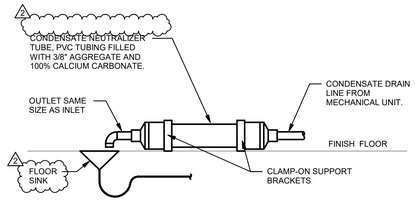


4 CIRCULATION PUMP

NO SCALE

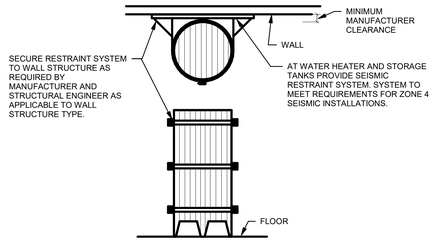
SIZE	TANK HGT ABOVE FLOOR	NO. OF STRAPS	LOCATION
66 GAL OR LESS	12" OR LESS	1	BETWEEN TOP 1/3 AND 1/2 OF TANK
66 GAL OR LESS	MORE THAN 12"	2	TOP-IN TOP 1/3 OF TANK BOTTOM-3" ABOVE OR BELOW ACCESS PANEL
66 GAL OR 100	12" OR LESS	2	TOP-IN TOP 1/3 OF TANK BOTTOM-3" ABOVE OR BELOW ACCESS PANEL
66 GAL OR 100	MORE THAN 12"	3	TOP-IN TOP 1/3 OF TANK BOTTOM-3" ABOVE OR BELOW ACCESS PANEL MIDDLE-CENTER OF TANK

NOTE: MAINTAIN CLEARANCES TO COMBUSTIBLES AS REQUIRED BY MANUFACTURER.
UTILIZE NON COMBUSTIBLE MATERIAL AS SPACER.



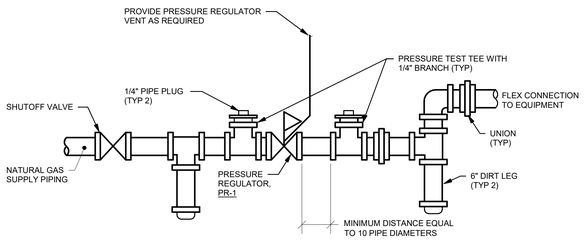
2 CONDENSATE NEUTRALIZATION

NO SCALE



5 SEISMIC BRACING

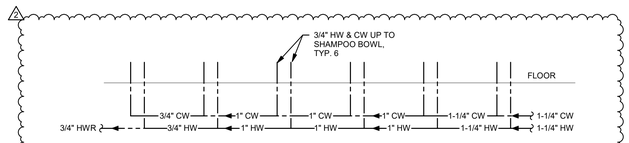
NO SCALE



NOTE: PIPING DOWNSTREAM OF REGULATOR TO BE SAME SIZE OR GREATER AS EQUIPMENT CONNECTION.

3 GAS REGULATOR

NO SCALE



6 SHAMPOO BOWL PIPING DIAGRAM

NO SCALE

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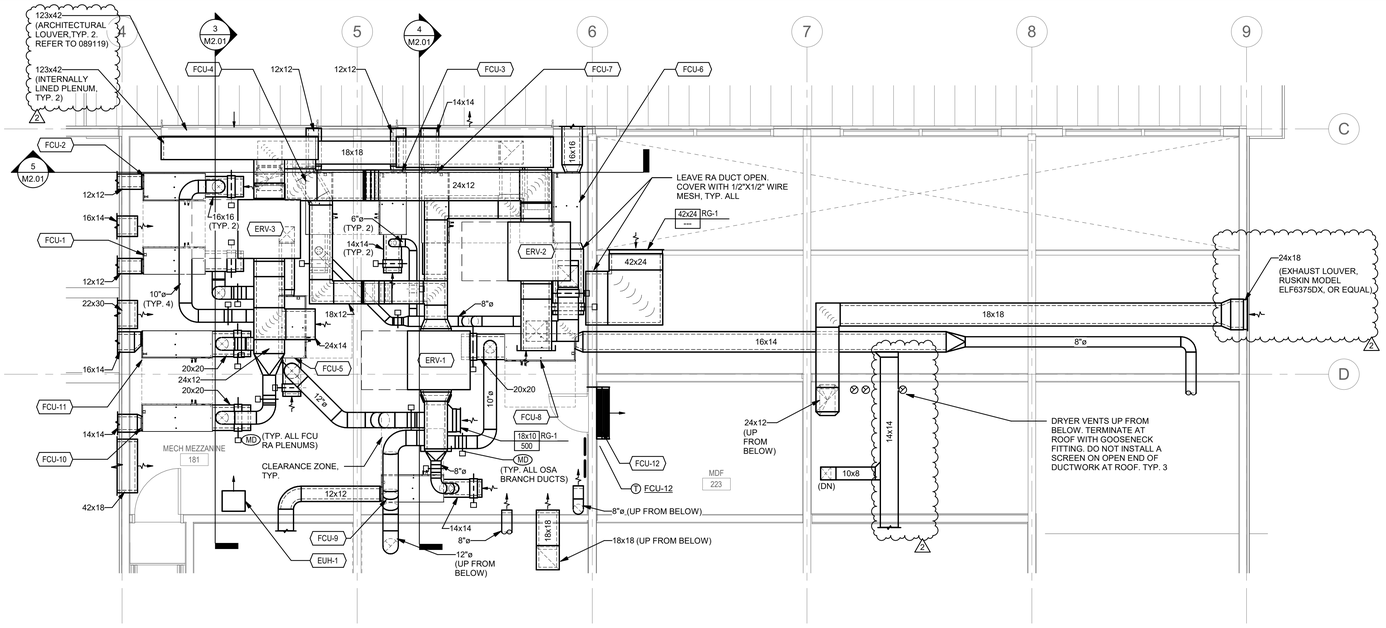
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DETAILS - PLUMBING

P3.01

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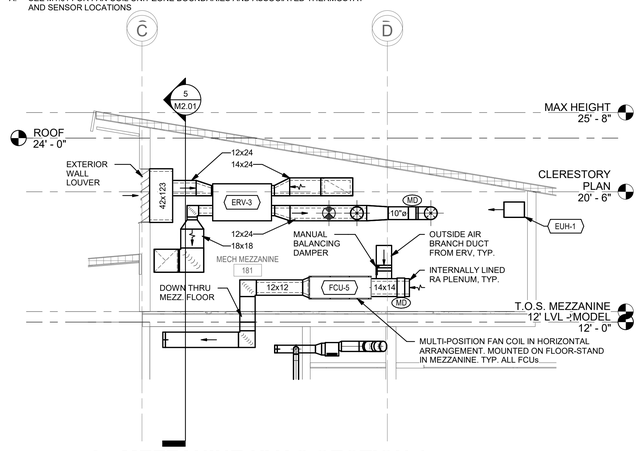


2 MECHANICAL MEZZANINE PLAN - MECHANICAL

0' 4' 8' 16'
1/4" = 1'-0"

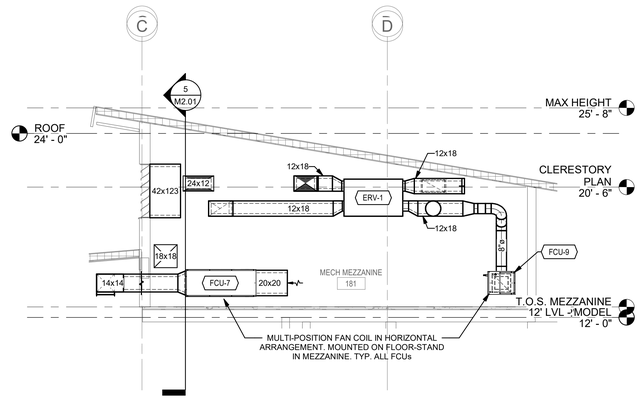
GENERAL SHEET NOTES

A. SEE M1.01 FOR FAN COIL UNIT ZONE BOUNDARIES AND ASSOCIAYED THERMOSTAT AND SENSOR LOCATIONS



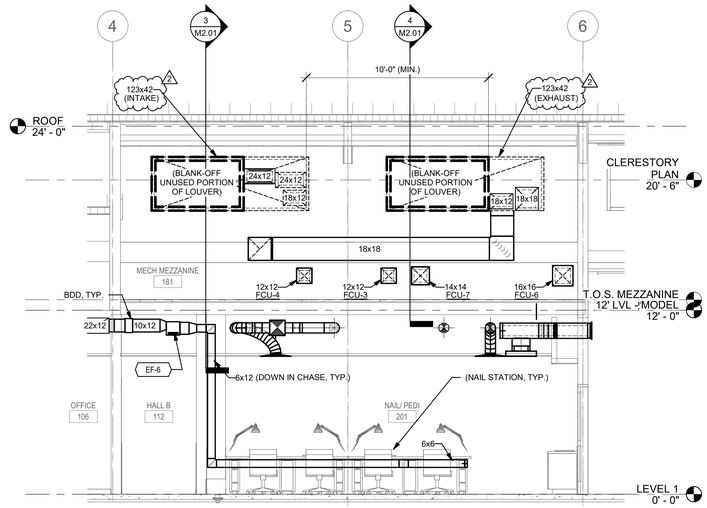
3 MEZZANINE HVAC SECTION 1

0' 4' 8' 16'
1/4" = 1'-0"



4 MEZZANINE HVAC SECTION 2

0' 4' 8' 16'
1/4" = 1'-0"



5 MEZZANINE HVAC SECTION 3

0' 4' 8' 16'
1/4" = 1'-0"

1 OVERALL FLOOR PLAN - MECHANICAL

0' 4' 8' 16'
1/8" = 1'-0"

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REGISTERED PROFESSIONAL ENGINEER
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MAY 10, 2005
ANDREW LASSE
EXPIRES: 12/31/26

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Klamath Community College, Cosmetology Center Project

7390 S 6TH STREET
KLAMATH FALLS, OR
97603

No.	Description	Date
2	Addendum #2	4/9/2026

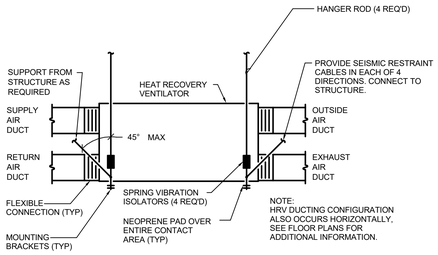
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

OVERALL FLOOR PLAN - MECHANICAL

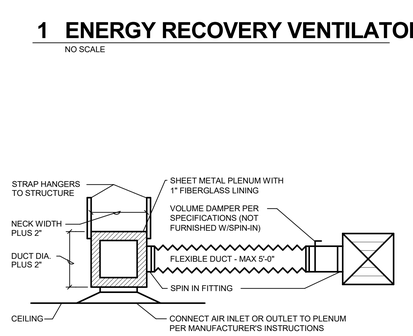
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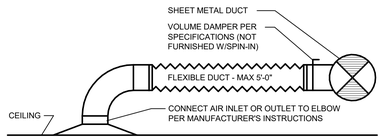
1 ENERGY RECOVERY VENTILATOR

NO SCALE



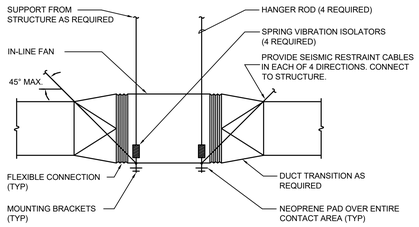
2 AIR INLET OR OUTLET SQUARE NECK

NO SCALE



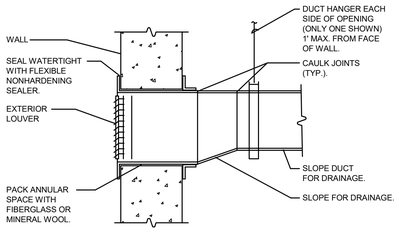
3 AIR INLET OR OUTLET ROUND NECK

NO SCALE



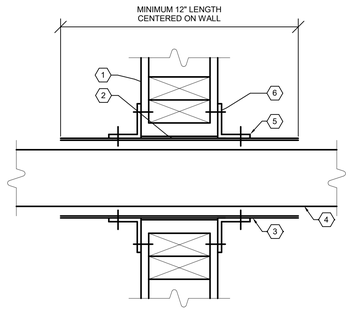
4 IN-LINE FAN

NO SCALE



5 LOUVERED WALL PENETRATION

NO SCALE



6 FIRE PARTITION DUCT PENETRATION

NO SCALE

KEYNOTES THIS DETAIL

1 FIRE RATED PARTITION. COORDINATE WITH ARCHITECTURAL FOR FRAMING AND FIRE RATED LINING REQUIREMENTS.

2 COORDINATE PARTITION OPENING, 1/8" LARGER THAN FIRE DAMPER SLEEVE PER FOOT OF WIDTH OR HEIGHT.

3 STEEL SLEEVE, MINIMUM 0.060 INCH THICK.

4 STEEL DUCT AS SHOWN ON PLANS MINIM 0.0217 INCH THICK. DUCT NOT TO EXCEED 100 SQUARE INCHES.

5 STEEL RETAINING ANGELS MINIMUM 1-1/2 INCH BY 1-1/2 INCH BY 0.060 INCH BOTH SIDES OF THE WALL AND ALL FOUR SIDES OF THE SLEEVE. SECURE RETAINING ANGLES TO THE SLEEVE AND THE WALL WITH NO. 10 (M5) SCREWS. FILL ANNULAR SPACE WITH MINERAL WOOL.

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LIGHTING CONTROL MATRIX: SPACE BY SPACE

ROOM NAME	TYPE OF CONTROLS	CONTROL FUNCTIONS
Hall, Vestibule	Ultrasonic occupancy sensor, Key switch Lighting control panel	Auto On to 100% when occupancy is detected, Auto dim to 25% after 20 minutes of unoccupancy. Auto off within 1-hr of business closing time, coordinate with owner. Key switch to override off.
Reception	Dual-tech occupancy sensor, Low-voltage switches	Auto On to 50%, manual override to 100%, Auto off after 20 minutes of unoccupancy.
Large Restroom	Ultrasonic occupancy sensor	Auto on to 100% when occupancy is detected, Auto dim to 50% after 10 minutes of unoccupancy.
Small Restroom	Passive infrared wall vacancy sensor switch	Manual On, Auto Off after 20 minutes of vacancy.
Storage	Passive infrared wall vacancy sensor switch or Ceiling mounted PIR vacancy sensor, Single or Three-way switches	Manual On, Auto Off after 10 minutes of vacancy.
Janitor Custodial	Wall Timer Switch	Manual On, Auto Off after 15 minutes.
Office, Conference romm	Dual-tech vacancy sensor, Low-voltage switch	Manual On, Auto Off after 20 minutes of unoccupancy. Incorporate manual dimming control to off. Controlled receptacles.
Work area	Passive infrared vacancy sensor, Low-voltage switch	Manual On, Auto Off after 20 minutes of vacancy.
Electrical, Mechanical, IT, Fire riser	Single Pole Switch	Manual On / Manual Off.
Laundry	Dual-tech vacancy sensor, Low-voltage dimming switches	Manual On, Auto Off after 20 minutes of vacancy. Incorporate manual dimming control to off.
Classrooms, Lab	Dual-tech vacancy sensor, Low-voltage switches. Daylight photosensor	Manual On, Auto Off after 20 minutes of vacancy. Incorporate manual dimming control to off. Controlled receptacles.
Cutting	Dual-tech vacancy sensor, Low-voltage switches. Daylight photosensor	Manual On, Auto Off after 20 minutes of vacancy. Incorporate manual dimming control to off.
Nail/Pedi	Dual-tech vacancy sensor, Low-voltage switches.	Auto On to 50% upon occupancy, manual override to 100%, Auto Off after 20 minutes of vacancy. Incorporate manual dimming control to off.
Wax, Facial/Massage Esthetics, Facial Bar, Colab	Dual-tech vacancy sensor, Low-voltage switch	Auto On to 50%, Manual On to 100%, Auto Off after 20 minutes of unoccupancy.
Exterior	Lighting control panel, Photocell and Timeclock	Auto On, Auto Off when sufficient daylight is avaible. All exterior light and signage, auto dim to 50% betweem 12am and 6am., time to be coordinated with owner. Landscape and façade lighting auto off at 12am.

General Notes:

Provide UL relays as needed.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	HOUSING	SHIELDING	MOUNTING	FINISH	UL/IP RATING	DRIVER/POWER SUPPLY	LIGHT SOURCE	INPUT WATTS	MFG/CATALOG #	NOTES
'A1'	SUSPENDED DECORATIVE LED PENDANT; NOMINAL 5IN DIAMETER x 10IN TALL	CERAMIC	GOLD SHADE	SUSPENDED @ 7'-0" AFF, AS MEASURED TO THE BOTTOM OF LUMINAIRE	DARK GREEN EXTERIOR; WHITE INTERIOR	UL DRY	INTEGRAL NON-DIMMING DRIVER	165 NOMINAL LUMENS; 2700K LED; 90CRI	6.0	MARSE PLEAT BOX SERIES	
'A2'	SUSPENDED LED CYLINDER; 45-DEGREE MEDIUM DISTRIBUTION; NOMINAL 2.75IN DIAMETER x 18IN TALL	EXTRUDED ALUMINUM	FROSTED GLASS LENS	SUSPENDED VIA CABLE @ 7'-0" AFF, AS MEASURED TO THE BOTTOM OF LUMINAIRE	BLACK	UL DRY	REMOTE DRIVER LOCATED IN CANOPY; 0-10V DIMMING TO 1%	1051 NOMINAL LUMENS; 3500K LED; 90CRI	9.5	EUREKA SCOUT SERIES; LUMENWERX	
'A3'	PENDANT MOUNTED DRUM LED; NOMINAL 22IN DIAMETER x 20IN TALL	FORMED COLD ROLLED STEEL	UV STABILIZED WHITE ACRYLIC	SUSPENDED @ 9'-0" AFF AS MEASURED TO BOTTOM OF LUMINAIRE	WHITE LINEN	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	4414 NOMINAL LUMENS; 3500K LED; 82CRI	35.0	BROWNLEE TAPER SERIES	
'B1'	RECESSED LINEAR LED; BATWING DISTRIBUTION; NOMINAL 3.5IN WIDE x 4.5IN TALL x 8FT LONG	EXTRUDED ALUMINUM	FROSTED ACRYLIC	RECESSED	WHITE	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	1000 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	73.6	LUMENWERX VIA 3 RECESSED SERIES; FOCAL POINT, AXIS, OR APPROVED	9.2 WATTS PER FOOT
'B2'	RECESSED LINEAR LED; ASYMMETRIC DISTRIBUTION; NOMINAL 3.5IN WIDE x 4.5IN TALL x 20FT LONG	EXTRUDED ALUMINUM	FROSTED ACRYLIC	RECESSED	WHITE	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	500 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	88.0	LUMENWERX VIA 3 RECESSED SERIES; FOCAL POINT, AXIS, OR APPROVED	4.4 WATTS PER FOOT
'B3'	RECESSED LINEAR LED; ASYMMETRIC DISTRIBUTION; NOMINAL 3.5IN WIDE x 4.5IN TALL x 12FT 6IN LONG	EXTRUDED ALUMINUM	FROSTED ACRYLIC	RECESSED	WHITE	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	350 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	38.0	LUMENWERX VIA 3 RECESSED SERIES; FOCAL POINT, AXIS, OR APPROVED	3 WATTS PER FOOT
'B4'	RECESSED LINEAR PERIMETER LED; 1IN REGRESSED LENS; PERIMETER ROOM FILL DISTRIBUTION; TELESCOPING ENDS FOR FIELD ADJUSTABILITY; NOMINAL 3IN WIDE x 6.5IN TALL x 9FT-4IN LONG	EXTRUDED ALUMINUM	FROSTED ACRYLIC	RECESSED W/ SHALLOW 1IN REGRESSED LENS	WHITE	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	500 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	53.2	LUMENWERX VIA 3 PERIMETER SERIES; FOCAL POINT, AXIS, OR APPROVED	
'C1'	SUSPENDED LINEAR LED; INDIRECT AND DIRECT BATWING DISTRIBUTION; NOMINAL 3IN WIDE x 4IN TALL x LENGTHS AS SHOWN ON ELECTRICAL DRAWINGS	EXTRUDED ALUMINUM	FROSTED ACRYLIC	SUSPENDED @ 1'-6" BELOW CEILING AS MEASURED TO TOP OF LUMINAIRE; UNLESS OTHERWISE NOTED ON ELECTRICAL DRAWINGS	BLACK	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	DIRECT: 1000 NOMINAL LUMENS PER FOOT; INDIRECT: 500 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	254.0	LUMENWERX VIA 3 SUSPENDED SERIES; FOCAL POINT, AXIS, OR APPROVED	12.7 WATTS PER FOOT
'C2'	SUSPENDED LINEAR LED; INDIRECT AND DIRECT BATWING DISTRIBUTION; NOMINAL 3IN WIDE x 4IN TALL x LENGTHS AS SHOWN ON ELECTRICAL DRAWINGS	EXTRUDED ALUMINUM	FROSTED ACRYLIC	SUSPENDED @ 1'-6" BELOW CEILING AS MEASURED TO TOP OF LUMINAIRE; UNLESS OTHERWISE NOTED ON ELECTRICAL DRAWINGS	BLACK	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	DIRECT: 500 NOMINAL LUMENS PER FOOT; INDIRECT: 500 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	<varies>	LUMENWERX VIA 3 SUSPENDED SERIES; FOCAL POINT, AXIS, OR APPROVED	7.8 WATTS PER FOOT
'C3'	SUSPENDED LINEAR LED; INDIRECT AND DIRECT BATWING DISTRIBUTION; NOMINAL 3IN WIDE x 4IN TALL x LENGTHS AS SHOWN ON ELECTRICAL DRAWINGS	EXTRUDED ALUMINUM	FROSTED ACRYLIC	SUSPENDED @ 1'-6" BELOW CEILING AS MEASURED TO TOP OF LUMINAIRE; UNLESS OTHERWISE NOTED ON ELECTRICAL DRAWINGS	BLACK	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	DIRECT: 350 NOMINAL LUMENS PER FOOT; INDIRECT: 500 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	<varies>	LUMENWERX VIA 3 SUSPENDED SERIES; FOCAL POINT, AXIS, OR APPROVED	6.5 WATTS PER FOOT
'D1'	RECESSED ROUND LED DOWNLIGHT; WIDE DISTRIBUTION; NOMINAL 4IN DIAMETER APERTURE x 9IN WIDE x 10IN LONG x 6.5IN TALL	GALVANIZED STEEL	CLEAR ACRYLIC	RECESSED	CLEAR REFLECTOR W/ MATTE DIFFUSE FINISH	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	1500 NOMINAL LUMENS; 3500K LED; 90CRI	13.7	GOTHAM EVO 4 SERIES; CALCULITE, PRESCOLITE, OR APPROVED	
'D2'	RECESSED ROUND LED DOWNLIGHT; WIDE DISTRIBUTION; NOMINAL 4IN DIAMETER APERTURE x 9IN WIDE x 10IN LONG x 6.5IN TALL	GALVANIZED STEEL	CLEAR ACRYLIC	RECESSED	CLEAR REFLECTOR W/ MATTE DIFFUSE FINISH	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	1000 NOMINAL LUMENS; 3500K LED; 90CRI	8.8	GOTHAM EVO 4 SERIES; CALCULITE, PRESCOLITE, OR APPROVED	
'F1'	RECESSED LED TAPELIGHT; NOMINAL 1IN WIDE x 0.5IN DEEP x LENGTHS AS SHOWN ON ELECTRICAL DRAWINGS	STAINLESS STEEL MOUNTING CHANNEL	FROSTED ACRYLIC	RECESSED	NATURAL ALUMINUM	IP 54	REMOTE DRIVER; 0-10V DIMMING TO 1%	113 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	<varies>	QTL LATO SERIES, KELVIX, ACCLYTE, OR APPROVED	1.5 WATTS PER FOOT
'F2'	SURFACE MOUNTED BENDABLE LED TAPELIGHT; NOMINAL 0.7IN WIDE BY 0.5IN TALL; GENERAL DISTRIBUTION; IN LENGTHS AS SHOWN ON ELECTRICAL DRAWINGS	STAINLESS STEEL MOUNTING CHANNEL	TRANSLUCENT ENCAPSULATION	SURFACE MOUNTED	NATURAL ALUMINUM	IP 67	REMOTE DRIVER; 0-10V DIMMING TO 1%	91 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	<varies>	QTL ZALA SERIES; OR APPROVED	1.5 WATTS PER FOOT
'F3'	SURFACE MOUNTED ADJUSTABLE LINEAR COVE LED; ASYMMETRIC WALL WASH 30x75 DISTRIBUTION; NOMINAL 2.375IN WIDE x 1.375IN TALL x 12IN OR 48IN LONG MODULE; IN LENGTHS AS SHOWN ON ELECTRICAL DRAWINGS	POLYMER EXTRUDED HOUSING	CLEAR POLYCARBONATE INJECTED LENS	SURFACE MOUNTED WITHIN COVE	WHITE	IP 20	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	300 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	16.4	LUMENPULSE LUMENCOVE NANO 2.0 SERIES; LITECONTROL, OR APPROVED	3 WATTS PER FOOT
'F4'	SURFACE MOUNTED ADJUSTABLE LINEAR COVE LED; ASYMMETRIC WALL WASH 30x75 DISTRIBUTION; NOMINAL 2.375IN WIDE x 1.375IN TALL x 12IN OR 48IN LONG MODULE; IN LENGTHS AS SHOWN ON ELECTRICAL DRAWINGS	POLYMER EXTRUDED HOUSING	CLEAR POLYCARBONATE INJECTED LENS	SURFACE MOUNTED WITHIN COVE	WHITE	IP 20	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	500 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	<varies>	LUMENPULSE LUMENCOVE NANO 2.0 SERIES; LITECONTROL, OR APPROVED	5 WATTS PER FOOT
'G1'	RECESSED 2X4 LED TROFFER; NOMINAL 2FT WIDE x 4FT LONG x 3.7IN TALL	STEEL	FROSTED ACRYLIC	RECESSED	WHITE	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	4000 NOMINAL LUMENS; 3500K LED; 90CRI	36.0	LITHONIA ENVEX SERIES; LEDALITE, LUMENWERX, OR APPROVED	
'H1'	TABLE ARM MOUNTED LINEAR LED W/ ROTATBLE LIGHTING OPTIC; 24IN LONG ARM MOUNT; NOMINAL 1.12IN DIAMETER x 24IN TALL x LENGTHS AS SHOWN ON ELECTRICAL DRAWINGS	EXTRUDED AND MACHINED ALUMINUM	FROSTED ACRYLIC	TABLE MOUNTED VIA 24IN MOUNTING ARMS	BLACK	UL DAMP	REMOTE DRIVER; 0-10V DIMMING TO 1%	392 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	<varies>	VODE RACERAIL TABLE ARM SERIES; PUREEDGE, OR APPROVED	3.5 WATTS PER FOOT
'J1'	WALL MOUNTED LINEAR LED; DIRECT ASYMMETRIC DISTRIBUTION ONLY; NOMINAL 2IN WIDE x 4IN TALL x LENGTHS AS SHOWN IN ELECTRICAL DRAWINGS	EXTRUDED ALUMINUM	FROSTED ACRYLIC	WALL MOUNTED @ 8-0" AFF AS MEASURED TO CENTERLINE OF LUMINAIRE	BLACK	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	350 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	<varies>	LUMENWERX VIA 2 WALL SERIES; FOCAL POINT, AXIS, OR APPROVED	3 WATTS PER FOOT
'R1'	WALL MOUNTED VANITY LED; NOMINAL 1.25IN DIAMETER x 2FT LONG	EXTRUDED ALUMINUM	FROSTED ACRYLIC	WALL MOUNTED @ 7-0" AFF AS MEASURED TO CENTERLINE OF LUMINAIRE	BLACK	UL DAMP	REMOTE DRIVER; 0-10V DIMMING TO 1%	1475 NOMINAL LUMENS; 3500K LED; 90CRI	16.0	BROWNLEE TRACE SERIES; PUREEDGE, OR APPROVED	
'SA1'	SITE/AREA POLE MOUNTED LED; TYPE 2M DISTRIBUTION; NOMINAL 14IN WIDE x 2.25IN TALL x 26IN LONG	DIE CAST ALUMINUM	CLEAR MOLDED ACRYLIC	POLE MOUNTED TO 20FT TALL ROUND POLE; POLE TO WITHSTAND 100MPH WINDS W/ GUST FACTOR OF 1.3	BLACK	IP 66	INTEGRAL DRIVER; 0-10V DIMMING TO 10%	4545 NOMINAL LUMENS; 2700K LED; 80CRI	33.0	BEACON VIPER SERIES	CAMPUS STANDARD LUMINAIRE
'SB1'	WALL MOUNTED LED SCONCE; TYPE 3 DISTRIBUTION; NOMINAL 6IN WIDE x 5.5IN DEEP x 3IN TALL	EXTRUDED ALUMINUM	TEMPERED FROSTED GLASS	WALL MOUNTED @ 11'-0" AFF AS MEASURED TO CENTERLINE OF LUMINAIRE	BLACK	IP 66	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	500 NOMINAL LUMENS; 2700K LED; 80CRI	6.0	LUMENPULSE LUMENBLADE NANO SERIES; SISTEMALUX, OR APPROVED	
'SB2'	WALL MOUNTED LED SCONCE; TYPE 2 DISTRIBUTION; NOMINAL 6IN WIDE x 5.5IN DEEP x 3IN TALL	EXTRUDED ALUMINUM	TEMPERED FROSTED GLASS	WALL MOUNTED @ 11'-0" AFF AS MEASURED TO CENTERLINE OF LUMINAIRE	BLACK	IP 66	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	500 NOMINAL LUMENS; 2700K LED; 80CRI	6.0	LUMENPULSE LUMENBLADE NANO SERIES; SISTEMALUX, OR APPROVED	
'SC1'	SURFACE MOUNTED LED CYLINDER; 80-DEGREE BEAM DISTRIBUTION; NOMINAL 4IN DIAMETER x 8IN TALL	EXTRUDED ALUMINUM	FROSTED DIFFUSED ACRYLIC LENS	SURFACE MOUNTED	BLACK	IP 66	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	1300 NOMINAL LUMENS; 2700K LED; 80CRI	14.0	LUMENWERX AERA 4 SEAL SERIES; DMF, GOTHAM, OR APPROVED	
'SD1'	SITE/AREA POST TOP MOUNTED LED; ASYMMETRIC DISTRIBUTION AIMED AT WALKWAY; NOMINAL 20IN DIAMETER x 22IN TALL	DIE CAST ALUMINUM	TEXTURED UV-STABILIZED ACRYLIC	POST TOP MOUNTED TO 10FT TALL ROUND POLE; POLE TO WITHSTAND 100MPH WINDS W/ GUST FACTOR OF 1.3	BLACK	IP 65	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	2297 NOMINAL LUMENS; 2700K LED; 80CRI	28.0	BEGA 84 121 SERIES; GARDCO, KIM LIGHTING, OR APPROVED	
'T1'	SUSPENDED LINEAR LED W/ INDIRECT BATWING DISTRIBUTION AND DIRECT COMPONENT OF INTEGRATED GLOBAL GES/H-STYLE TRACK; NOMINAL 1.875IN WIDE x 3.125IN TALL x LENGTHS AS SHOWN ON ELECTRICAL DRAWINGS	EXTRUDED ALUMINUM	FROSTED ACRYLIC	SUSPENDED @ 11'-0" AFF AS MEASURED TO TOP OF LUMINAIRE	BLACK	UL DRY	INTEGRAL DRIVER; 0-10V DIMMING TO 1%	500 NOMINAL LUMENS PER FOOT; 3500K LED; 90CRI	<varies>	LUMENWERX SQUERO COMBO SERIES; OR APPROVED	3.5 WATTS PER FOOT
'T2'	LED TRACK HEAD FOR CONNECTION TO TYPE 'T1' LUMINAIRE; LINEAR SPREAD LENS 54x16-DEGREES; NOMINAL 4IN DIAMETER x 5IN TALL	DIE CAST ALUMINUM	ACRYLIC LENS; LINEAR SPREAD LENS	MECHANICALLY FASTNED TO LUMINAIRE TYPE 'T1'	BLACK	UL DRY	INTEGRAL DRIVER; TRIAC, FORWARD PHASE, ELV, OR REVERSE PHASE DIMMING TO 5%	2323 NOMINAL LUMENS; 3000K LED; CRISP WHITE 100CRI	21.0	AMERLUX SPEQ-M SERIES; SOLIAS, OR APPROVED	CONTRACTOR TO AIM LUMINAIRE DIRECTLY DOWN; CONTRACTOR TO ORIENT LINEAR SPREAD LENS TO HAVE ILLUMINATION PARALLEL TO SALON CHAIRS
'X1'	UNIVERSAL EDGE LIT EXIT SIGN; NOMINAL 12IN WIDE x 8.5IN TALL x 0.5IN THICK; CHEVRONS AS INDICATED ON ELECTRICAL DRAWINGS; SINGLE OR DOUBLE FACED AS INDICATED ON ELECTRICAL DRAWINGS; CONTRACTOR TO VERIFY BACK-BOX REQUIREMENTS DURING ROUGH-IN	BRUSHED ALUMINUM	CLEAR ACRYLIC	REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING CONDITIONS	BLACK	UL DAMP	INTEGRAL DRIVER	GREEN LETTERING; LED	2.0	EVENLITE SOVEREIGN II SERIES; ISOLITE, BARRON LIGHTING, OR APPROVED	
2 'Z1'	SURFACE OR SUSPENDED LINEAR LED STRIPLIGHT; GENERAL DISTRIBUTION; NOMINAL 3.5IN TALL x 3.5IN WIDE x 4FT LONG	COLD ROLLED STEEL	ROUND FROSTED ACRYLIC	SURFACE MOUNTED TO CEILING OR SUSPENDED @ 9'-0" AFF	WHITE	UL DAMP	INTEGRAL DRIVER; 0-10V DIMMING TO 10%	5000 NOMINAL LUMENS; 3500K LED; 90CRI	32.0	LITHONIA CLX SERIES; HE WILLIAMS, COLUMBIA, OR APPROVED	
'Z2'	WALL MOUNTED LINEAR LED STRIPLIGHT; GENERAL DISTRIBUTION; NOMINAL 3.5IN TALL x 3.5IN WIDE x 4FT LONG	COLD ROLLED STEEL	ROUND FROSTED ACRYLIC	WALL MOUNTED @ 8'-0" ABOVE WALKING SURFACE	WHITE	UL DAMP	INTEGRAL DRIVER; DIMMING TO 10%	5000 NOMINAL LUMENS; 3500K LED; 90CRI	32.0	LITHONIA CLX SERIES; HE WILLIAMS, COLUMBIA, OR APPROVED	

LUMINAIRE SCHEDULE NOTES

1	THIS LUMINAIRE SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING THE ELECTRICAL SPECIFICATIONS.
2	DIMMING CONTROL PROTOCOL (0-10VDC, LINE VOLTAGE, DALI, ETC.) COMPATIBLE WITH LIGHTING CONTROL SYSTEM AS SPECIFIED AND SHOWN ON DRAWINGS.
3	PROVIDE +/- 12 INCH ADJUSTABILITY IN AIRCRAFT CABLE LENGTH WHERE USED.
4	COORDINATE ALL CEILING TYPES WITH LUMINAIRE LOCATIONS PRIOR TO ORDERING LUMINAIRES. COORDINATE INSTALLATION WITH REFLECTED CEILING PLAN.
5	SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED.
6	PROVIDE SUBMITTALS THAT INCLUDE THE LUMINAIRE, LAMP AND DIMMABLE LED DRIVER INFORMATION OF EACH LUMINAIRE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD.
7	REMOTE DRIVERS: UL LISTED FOR THEIR APPLICATION. DRIVERS MARKED AS UL RECOGNIZED COMPONENT BUT NOT UL LISTED ARE SUBJECT TO REMOVAL AND REPLACEMENT AT NO COST TO OWNER.
8	REFER TO FLOOR PLANS FOR LOCATION, CIRCUITING, AND SWITCH LEG FOR EACH REMOTE DRIVER. LABEL ALL REMOTE DRIVERS TO SHOW LUMINAIRE TYPE IDENTIFICATION AND SOURCE CIRCUIT. PROVIDE WIRING BETWEEN REMOTE DRIVER AND LUMINAIRE AS RECOMMENDED BY MANUFACTURER. DO NOT EXCEED MAXIMUM DISTANCE RECOMMENDED BY MANUFACTURER BETWEEN DRIVER AND FURTHEST LUMINAIRE.
9	PROVIDE FUNCTIONAL TESTING OF LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH THE 2025 OREGON ENERGY EFFICIENCY SPECIALTY CODE (OEESC) FUNCTIONAL TESTING REQUIREMENTS

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No.	Description	Date
2	Addendum #2	4/9/2026

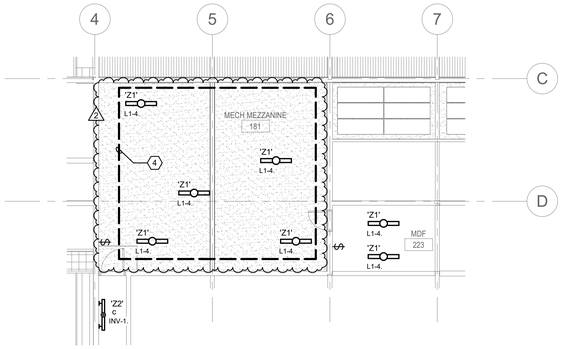
Project Number 2507
Date 3/16/2026

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LUMINAIRE SCHEDULE - ELECTRICAL

E0.02

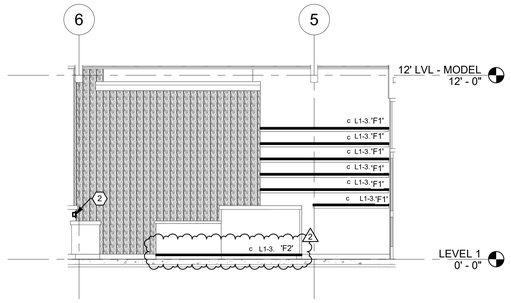
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2 MECHANICAL MEZZANINE PLAN - LIGHTING

0' 4' 8' 16'

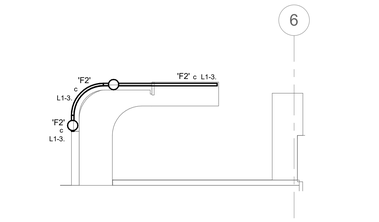
1/8" = 1'-0"



4 ELEVATION NORTH - RECEPTION 200 - LIGHTING

0' 2' 4' 8'

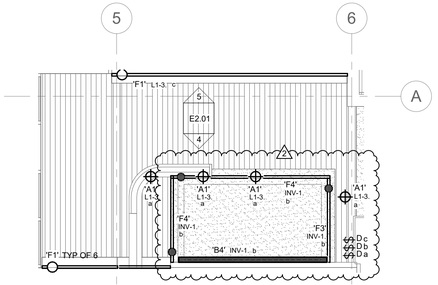
1/4" = 1'-0"



6 ENLARGED FLOOR PLAN - RECEPTION 200 - LIGHTING

0' 2' 4' 8'

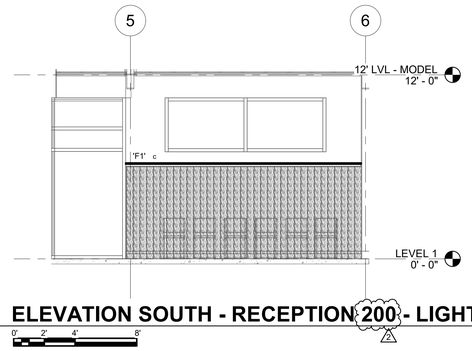
1/4" = 1'-0"



3 ENLARGED RCP - RECEPTION 200 - LIGHTING

0' 2' 4' 8'

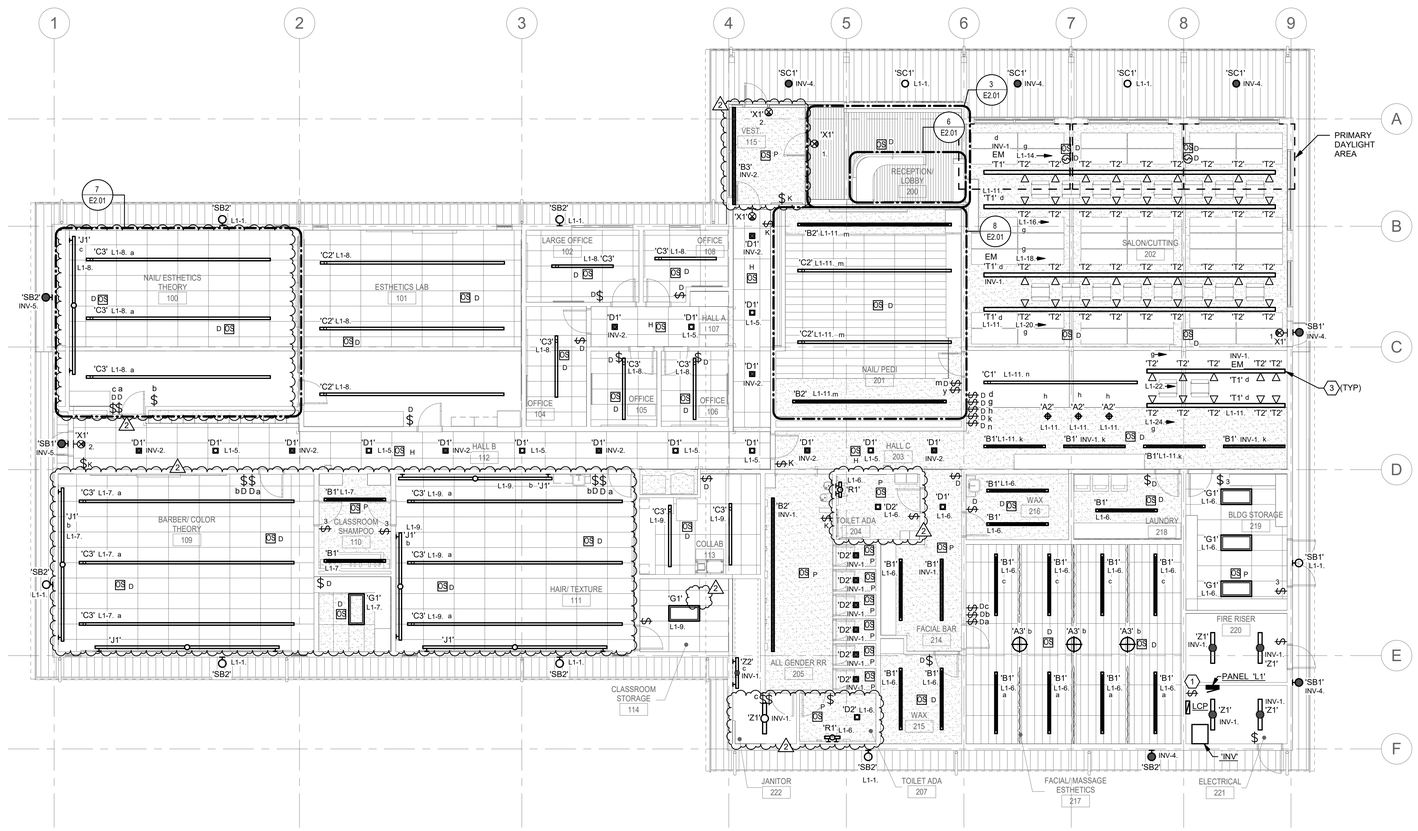
1/4" = 1'-0"

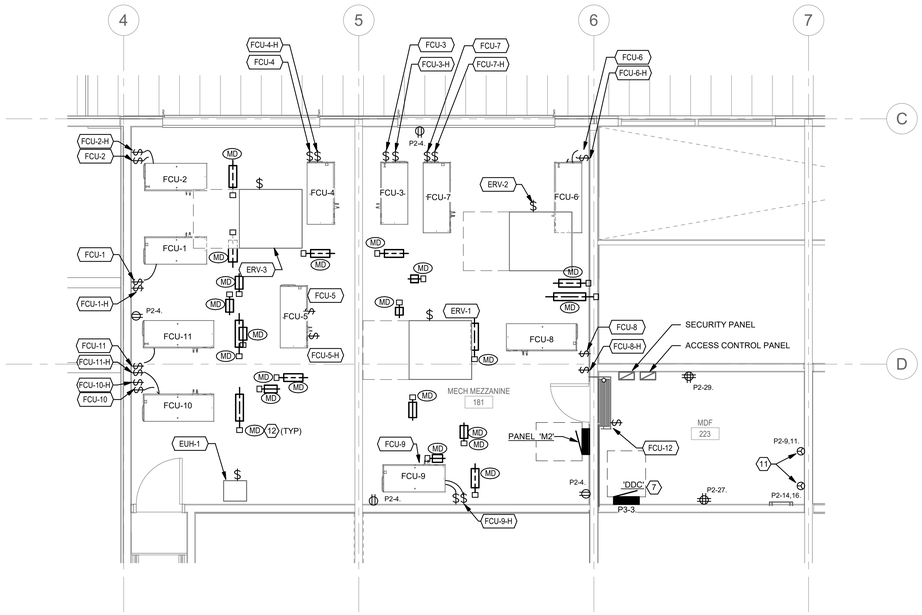


5 ELEVATION SOUTH - RECEPTION 200 - LIGHTING

0' 2' 4' 8'

1/4" = 1'-0"

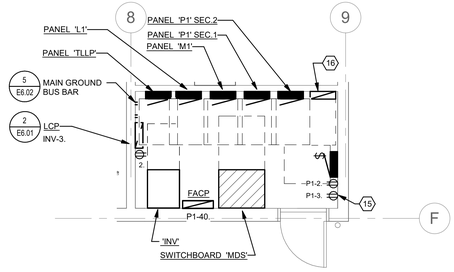

1
2
3
4
5
6
7
8
9
A
B
C
D
E
F
'SC1'
INV-4.
'SC1'
L1-1.
'SC1'
INV-4.
'SC1'
L1-1.
'SC1'
INV-4.
3
E2.01
6
E2.01
5
E2.01
7
E2.01
'X1'
2
'X1'
1
'B3'
INV-2.
VEST
115
RECEPTION/
LOBBY
200
PRIMARY
DAYLIGHT
AREA
'SB2'
L1-1.
'SB2'
L1-1.
'J1'
c
'C3' L1-8. a
L1-8.
NAIL/ ESTHETICS
THEORY
100
'C2' L1-8.
ESTHETICS LAB
101
'C2' L1-8.
'C3' L1-8. a
'C2' L1-8.
'C3' L1-8. a
'C2' L1-8.
'SB2'
INV-5.
'SB1'
INV-5.
'X1'
2
'D1'
INV-2.
'D1'
L1-5.
'D1'
INV-2.
'D1'
L1-5.
H
'D1'
INV-2.
'D1'
L1-5.
HALL B
112
'D1'
INV-2.
'D1'
L1-5.
'D1'
INV-2.
'D1'
L1-5.
'D1'
INV-2.
'D1'
L1-5.



2 MECHANICAL MEZZANINE PLAN - POWER

0' 2' 4' 8'

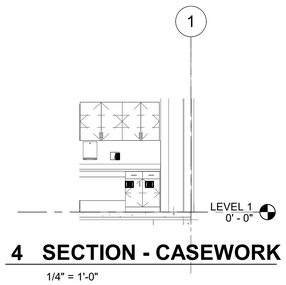
1/4" = 1'-0"



3 ENLARGED ELECT ROOM 148

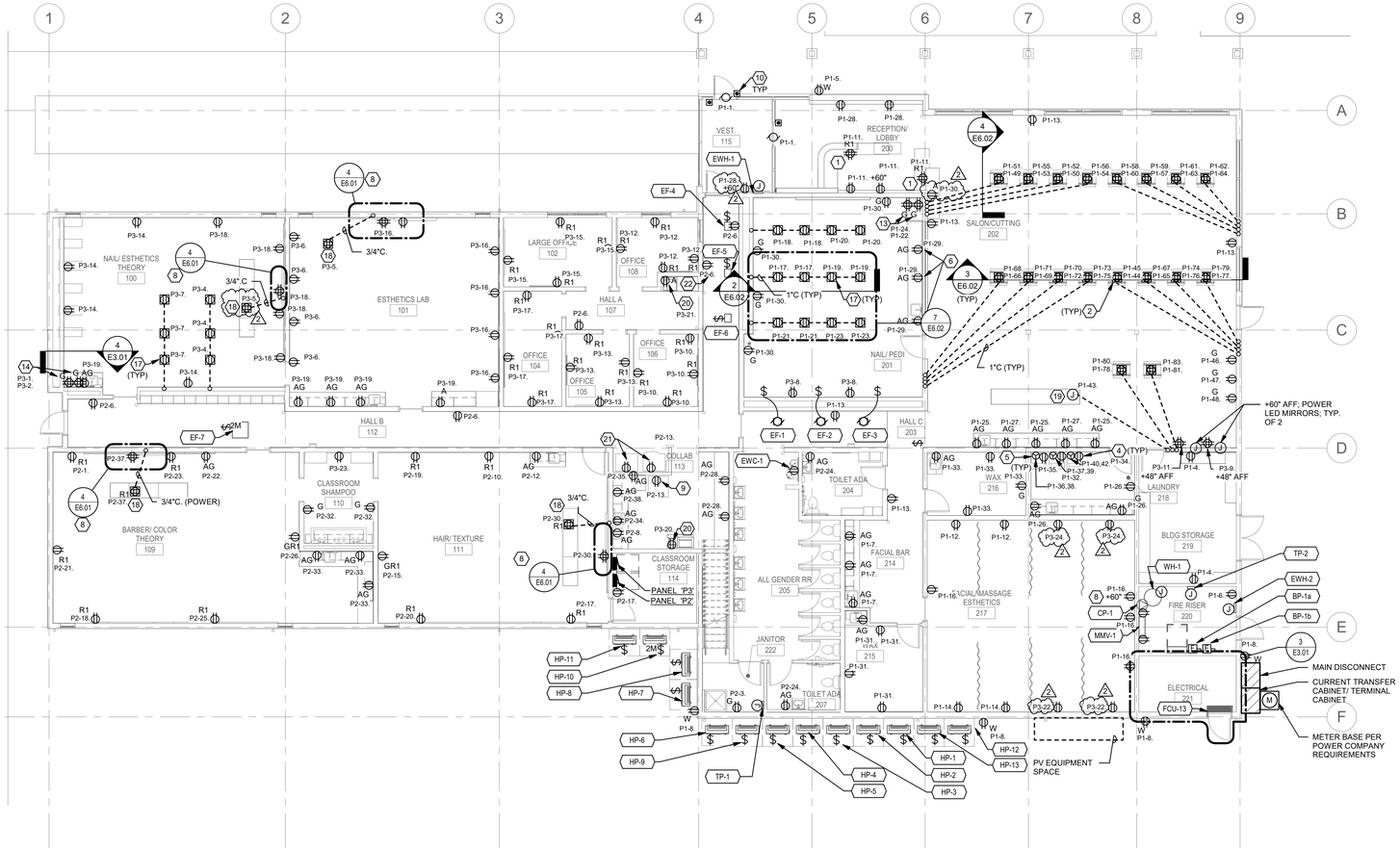
0' 4' 8' 16'

1/4" = 1'-0"



4 SECTION - CASEWORK

1/4" = 1'-0"



1 OVERALL FLOOR PLAN - POWER

0' 4' 8' 16'

1/8" = 1'-0"

GENERAL SHEET NOTES

A. PROVIDE TAMPER RESISTANT RECEPTACLES PER NEC 406.12.

SHEET KEYNOTES

1. CASEWORK MOUNTED RECEPTACLE.
2. FLUSH FLOOR RECEPTACLE FOR CONNECTION OF CUTTING STATION. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. TWO DEDICATED CIRCUITS TO BE PROVIDED TO EACH STATION. CUTTING STATION TO BE PROVIDED WITH INTEGRAL QUAD OUTLET BY MANUFACTURER. ELECTRICAL CONTRACTOR TO CUT A HOLE IN THE BOTTOM OF FURNITURE TO ACCESS FLOOR BOX. FLOORBOX BASIS OF DESIGN: LEGRAND WIREMOLD RPSFB FLOOR BOX WITH RPFCTCBK COVER. REMOVE GASKET PROVIDED WITH COVER AS NECESSARY FOR FLUSH TO FLOOR FIT OF COVER. PROVIDE SILICONE SEALER AROUND EDGE AS NECESSARY TO MAINTAIN LIQUIDTIGHT SEAL.
3. BUILDING SIGN.
4. WASHER. PROVIDE GFCI CIRCUT BREAKER.
5. DRYER. PROVIDE NEMA 6-30R. UTILIZE (2) #10 CU. (1) #10 CU GND., IN 3/4" C. CONFIRM RECEPTACLE REQUIREMENT WITH PRODUCT DATA.
6. MOUNT RECEPTACLE HORIZONTALLY.
7. DIV 26 CONTRACTOR TO COORDINATE FINAL DDC PANEL LOCATION WITH CONTROLS CONTRACTOR.
8. POWER CONNECTION FOR 'SMART BOARD'. SMART BOARD IS OFCI. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. REFER TO DETAIL 4 ON E6.01 FOR CLASSROOM SMART DISPLAY REQUIREMENTS.
9. REFRIGERATOR. PROVIDE GFCI BREAKER.
10. PROVIDE FLUSH MOUNT ADA PUSHBUTTON.
11. (2) 30A, 208V/1P RECEPTACLES FOR DATA RACK.
12. PROVIDE 120V CONNECTION TO MOTORIZED DAMPER. PROVIDE A DEDICATED CIRCUIT PER HVAC ASSOCIATED UNIT. REFER TO PANEL SCHEDULE M1 FOR CIRCUIT INFORMATION.
13. CHARGING STATION. CASEWORK MOUNTED RECEPTACLE INSIDE CABINET.
14. CHARGING STATION; LOCATE OUTLETS IN BACK OF CASEWORK ON TOP SHELF OR LOWER CABINET. COORDINATE EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
15. IRRIGATION CONTROLLER.
16. SNOW MELT CONTROLLER. (ALTERNATE #3)
17. CONCRETE RATED, 4" DIAMETER FLUSH MOUNTED FLOORBOX WITH RECESSED 1-GANG. PROVIDE 20A DUPLEX RECEPTACLE WITH BRUSHED ALUMINUM HINGED LID. BASIS-OF-DESIGN: HUBBELL RF400 BASE WITH RF40BBK BLACK COVER (WITH 20A DUPLEX OPTION). LOCATE FLOORBOX TO BE UNDER THE NAIL STATION CHAIR OPENING. POSITION TO THE FAR RIGHT, CENTER OF THE OPENING BELOW THE FACTORY PROVIDED OUTLET STRIP. COORDINATE/VERIFY FINAL INSTALL DIMENSIONS/LOCATION WITH ARCHITECT.
18. 3-SECTION FLOOR BOX; KCC STANDARD/BASIS-OF-DESIGN: FSR FL-500P-8-B, 8" OPTION WITH BLACK HINGED COVER. FACEPLATES/OPENINGS FOR (2) DUPLEX POWER RECEPTACLES, (1) GANG DATA, (1) GANG AV.
19. POWER FOR CABINET LIGHTING (PROVIDED WITH CABINET).
20. COPIER. PROVIDE DEDICATED CIRCUIT.
21. VENDING MACHINES. PROVIDE GFCI BREAKER.
22. TIMECLOCK CONNECTION. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.

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No.	Description	Date
2	Addendum #2	4/9/2026

Project Number 2507
Date 3/16/2026

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OVERALL FLOOR PLAN - POWER

E3.01

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MECHANICAL EQUIPMENT CONNECTION SCHEDULE

SYMBOL	DESCRIPTION	LOCATION	VOLTS	PH	LOAD(VA)	HP	MCA	MOCP	CIRCUIT NUMBER	WIRE / CONDUIT	NOTES
EF-1	EXHAUST FAN	HALL C	120	1	26.4			15	M2-24	202	
EF-2	EXHAUST FAN	HALLWAY 112	208	1	1664.0	1	10	15	M2-2,4	202	
EF-2	EXHAUST FAN	HALL C	120	1	26.4			15	M2-24	202	
EF-3	EXHAUST FAN	HALL C	120	1	32.4			15	M2-24	202	
EF-4	EXHAUST FAN	HALL B	120	1	136.8			15	M2-43	202	
EF-5	EXHAUST FAN	HALL B	120	1	136.8			15	M2-43	202	
EF-6	EXHAUST FAN	HALL B	120	1	136.8			15	M2-43	202	
ERV-1	ENERGY RECOVERY UNIT	MECH MEZZANINE 181	208	1	1830.4		9.4	15	M2-26,28	202	
ERV-2	ENERGY RECOVERY UNIT	MECH MEZZANINE 181	208	1	1830.4		9.4	15	M2-27,29	202	
ERV-3	ENERGY RECOVERY UNIT	MECH MEZZANINE 181	208	1	1830.4		9.4	15	M2-30,32	202	
EUH-1	ELECTRIC HEATER	MECH MEZZANINE 181	208	1	5628.5			40	M2-12,14	402	
EWH-1	ELECTRIC WALL HEATER	VESTIBULE 108	120	1	999.6			15	M1-2	202	
EWH-2	ELECTRIC WALL HEATER	FIRE RISER 148	120	1	999.6			15	M1-7	202	
FCU-1	FAN COIL UNIT	MECH MEZZANINE 181	208	1	465.9			15		202	1,2
FCU-1-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	2712.3			20	M2-38,40	202	5
FCU-2	FAN COIL UNIT	MECH MEZZANINE 181	208	1	465.9			15		202	1,2
FCU-2-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	2712.3			20	M2-39,41	202	5
FCU-3	FAN COIL UNIT	MECH MEZZANINE 181	208	1	465.9			15		202	1,2
FCU-3-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	2712.3			20	M2-42,44	202	5
FCU-4	FAN COIL UNIT	MECH MEZZANINE 181	208	1	465.9			15		202	1,2
FCU-4-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	2712.3			20	M2-31,33	202	5
FCU-5	FAN COIL UNIT	MECH MEZZANINE 181	208	1	465.9			15		202	1,2
FCU-5-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	2712.3			20	M2-34,36	202	5
FCU-6	FAN COIL UNIT	MECH MEZZANINE 181	208	1	565.8			15		202	1,4
FCU-6-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	7238.4			50	M2-15,17	502	5
FCU-7	FAN COIL UNIT	MECH MEZZANINE 181	208	1	565.8			15		202	1,3
FCU-7-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	4992.0			30	M2-3,5	302	5
FCU-8	FAN COIL UNIT	MECH MEZZANINE 181	208	1	565.8			15		202	1,3
FCU-8-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	4992.0			30	M2-11,13	302	5
FCU-8-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	4992.0			30		302	5
FCU-9	FAN COIL UNIT	MECH MEZZANINE 181	208	1	465.9			15		202	1,2
FCU-9-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	2712.3			20	M2-35,37	202	5
FCU-10	FAN COIL UNIT	MECH MEZZANINE 181	208	1	565.8			15		202	1,3
FCU-10-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	4992.0			30	M2-7,9	302	5
FCU-11	FAN COIL UNIT	MECH MEZZANINE 181	208	1	565.8			15		202	1,3
FCU-11-H	FAN COIL UNIT HEATING	MECH MEZZANINE 181	208	1	4992.0			30	M2-8,10	302	5
FCU-12	FAN COIL UNIT	MDF 204	208	1	66.6			15		202	1
FCU-13	FAN COIL UNIT	ELECTRICAL 178	208	1	66.6			15		402	1
HP-1	HEAT PUMP UNIT	ON GRADE	208	1	2662.4		16	25	M1-17,19	202	1,6
HP-2	HEAT PUMP UNIT	ON GRADE	208	1	2662.4			25	M1-31,33	202	1,6
HP-3	HEAT PUMP UNIT	ON GRADE	208	1	2662.4			25	M1-28,30	202	1,6
HP-4	HEAT PUMP UNIT	ON GRADE	208	1	2662.4			25	M1-35,37	202	1,6
HP-5	HEAT PUMP UNIT	ON GRADE	208	1	2662.4			25	M1-20,22	202	1,6
HP-6	HEAT PUMP UNIT	ON GRADE	208	1	5324.8		32	40	M1-39,41	402	1,6
HP-7	HEAT PUMP UNIT	ON GRADE	208	1	5324.8		32	40	M1-36,38	402	1,6
HP-8	HEAT PUMP UNIT	ON GRADE	208	1	2662.4		32	40	M1-27,29	402	1,6
HP-9	HEAT PUMP UNIT	ON GRADE	208	1	2662.4			25	M1-24,26	202	1,6
HP-10	HEAT PUMP UNIT	ON GRADE	208	1	5324.8		32	40	M1-21,23	402	1,6
HP-11	HEAT PUMP UNIT	ON GRADE	208	1	5324.8		32	40	M1-32,34	402	1,6
HP-12	HEAT PUMP UNIT	ON GRADE	208	1	2496.0		15	20	M1-14,16	202	1,6
HP-13	HEAT PUMP UNIT	ON GRADE	208	1	2496.0		15	20	M1-4,6	202	1,6

GENERAL MECHANICAL EQUIPMENT CONNECTION NOTE:

A. THE ABOVE INFORMATION IS FOR A SPECIFIC MANUFACTURER. ACTUAL MANUFACTURER FOR EQUIPMENT MAY BE DIFFERENT. COORDINATE WITH MECHANICAL EQUIPMENT SUBMITTALS FOR LOADS AND OVER CURRENT PROTECTION REQUIREMENTS PRIOR TO INSTALLATION OF WIRING.

B. MOCP = MAXIMUM OVER CURRENT PROTECTION.
MCA = MINIMUM CIRCUIT AMPACITY

C. PROVIDE DISCONNECTING MEANS FOR EACH ITEM OF EQUIPMENT LISTED IN THE SCHEDULE ABOVE, EXCEPT AS SPECIFICALLY NOTED OTHERWISE IN SCHEDULE NOTES, BELOW.

MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES

1 OUTDOOR CONDENSING UNIT PROVIDES POWER TO ASSOCIATED INDOOR UNIT. DIV 26 TO CONNECT FOR A COMPLETE AND OPERABLE SYSTEM.

2 3KW ELECTRIC HEAT REQUIRES A SEPARATE 208V-1PH 20A CIRCUIT, SEE FCU-X-H CONNECTION.

3 5KW ELECTRIC HEAT REQUIRES A SEPARATE 208V-1PH 30A CIRCUIT, SEE FCU-X-H CONNECTION.

4 8KW ELECTRIC HEAT REQUIRES A SEPARATE 208V-1PH 50A CIRCUIT, SEE FCU-X-H CONNECTION.

5 PROVIDE HEATING CONNECTION FOR FCU UNIT.

6 PROVIDE NEMA 3R ENCLOSURE

WIRE/CONDUIT SCHEDULE

202 2 #12 CU, 1 #12 CU GND., IN 3/4" C.
302 2 #10 CU, 1 #10 CU GND., IN 3/4" C.
402 2 #8 CU, 1 #10 CU GND., IN 3/4" C.
502 2 #6 CU, 1 #10 CU GND., IN 3/4" C.

PLUMBING EQUIPMENT CONNECTION SCHEDULE

SYMBOL	DESCRIPTION	LOCATION	VOLTS	PH	LOAD(VA)	HP	MCA	MOCP	CIRCUIT NUMBER	WIRE / CONDUIT	NOTES
BP-1a	BOOSTER PUMP	FIRE RISER 148	208	1	1955.2	2.2		15	M1-8,10	202	
BP-1b	BOOSTER PUMP	FIRE RISER 148	208	1	1955.2	2.2		15	M1-11,13	202	
CP-1	CIRCULATION PUMP	FIRE RISER 148	120	1	64.8			15	M1-1	202	
EWC-1	ELECTRIC WATER COOLER	HALLWAY 112	120	1	384.0			15	P2-7	202	
MMV-1	MASTER MIXER VALVE	FIRE RISER 148	120	1	384.0			15	M1-5	202	
TP-1	TRAP PRIMER	JC 167	120	1	240.0			15	P2-3	202	1
TP-2	TRAP PRIMER	FIRE RISER 148	120	1	240.0			15	P1-6	202	1
WH-1	WATER HEATER	FIRE RISER 148	120	1	600.0			20	M1-3	202	

GENERAL PLUMBING EQUIPMENT CONNECTION NOTE:

A. THE ABOVE INFORMATION IS FOR A SPECIFIC MANUFACTURER. ACTUAL MANUFACTURER FOR EQUIPMENT MAY BE DIFFERENT. COORDINATE WITH PLUMBING EQUIPMENT SUBMITTALS FOR LOADS AND OVER CURRENT PROTECTION REQUIREMENTS PRIOR TO INSTALLATION OF WIRING.

B. MOCP = MAXIMUM OVER CURRENT PROTECTION.
MCA = MINIMUM CIRCUIT AMPACITY

C. PROVIDE DISCONNECTING MEANS FOR EACH ITEM OF EQUIPMENT LISTED IN THE SCHEDULE ABOVE, EXCEPT AS SPECIFICALLY NOTED OTHERWISE IN SCHEDULE NOTES, BELOW.

PLUMBING EQUIPMENT CONNECTION SCHEDULE NOTES

1 CONNECT TO CONVENIENCE RECEPTACLE CIRCUIT IN SPACE.

WIRE/CONDUIT SCHEDULE

202 2 #12 CU, 1 #12 CU GND., IN 3/4" C.

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SCHEDULES - ELECTRICAL

E5.01

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PANELBOARD: P1 SEC.1

MAIN LUG ONLY | **BUS AMPACITY:** 400 A | **EQUIPMENT RATING:** 120/208 V, 3PH, 4 WIRE | **FOR AIC RATING SEE ONE-LINE DIAGRAM**

MOUNTING: SURFACE | **ENCLOSURE:** TYPE 1 | **LOCATION:** ELECTRICAL ROOM | **SUPPLIED FROM:** MDS

Accessories: Provide Feed -Thru Lugs

CKT	Description/Location	Type	C.B.	Pole	Note	Load (VA) A	B	C	Note	Pole	C.B.	Type	Description/Location	CKT
1	MOTOR DOOR VEST 115	Motor	20 A	1		100				1	20 A	R	R - ELECT ROOM	2
3	IRRIGATION CONTROLLER	G	20 A	1			180			1	20 A	R	R - STORAGE 219	4
5	R - EXTERIOR	R	20 A	1				180		1	20 A	Moto...	R - FIRE RISER 220	6
7	R - FACIAL 214	R	20 A	1		540				1	20 A	R	R - EXTERIOR	8
9	FACP	G	20 A	1			500			1	20 A	G	LED POWERED MIRROR	10
11	R - RECEPTION 200	R	20 A	1				720		1	20 A	R	R - FACIAL/MASSAGE 217	12
13	R - HALL 203, 214, 205, 202	R	20 A	1		900				1	20 A	R	R - FACIAL/MASSAGE 217	14
15	LED POWERED MIRROR	G	20 A	1			550			1	20 A	G	R - FACIAL/MASSAGE 217	16
17	NAIL PEDI 201 - TABLES	G	20 A	1				360		1	20 A	G	NAIL PEDI 201 - TABLES	18
19	NAIL PEDI 201 - TABLES	G	20 A	1		360				1	20 A	G	NAIL PEDI 201 - TABLES	20
21	NAIL PEDI 201 - TABLES	G	20 A	1			360			1	20 A	R	CHARGING STATION - 201	22
23	NAIL PEDI 201 - TABLES	G	20 A	1				360		1	20 A	R	CHARGING STATION - 201	24
25	R - SALON CUTTING 202	R	20 A	1		540				1	20 A	R	R - LAUNDRY 218	26
27	R - SALON CUTTING 202	R	20 A	1			360			1	20 A	R	R - RECEPTION 200	28
29	R- NAIL PEDI 201	R	20 A	1				540		1	20 A	R	R- NAIL PEDI 201	30
31	R - WAX 215 TILT TABLE	R	20 A	1		720				1	20 A	G	WASHER	32
33	R - WAX 216 TILT TABLE	R	20 A	1			720			1	20 A	G	WASHER	34
35	WASHER	G	20 A	1	1			1,500		2	30 A	G	DRYER	36
37	DRYER	G	30 A	2		2,500				--	--	--	--	38
39	--	--	--	--	--		2,500			2	30 A	G	DRYER	40
41	SPARE BREAKER	--	20 A	1				0		--	--	--	--	42
	Total Connected load Ph. A					266 A			Panel Connected Load: 93.3 kVA				258.9 A	
	Total Connected load Ph. B					259 A			Total Demand Load: 93.0 kVA				258.2 A	
	Total Connected load Ph. C					253 A								

Notes:
1. PROVIDE GFCI TYPE CIRCUIT BREAKER.
2. PROVIDE HANDLE TIE FOR CIRCUITS THAT FEED CUTTING STATION, REFER TO FLOOR PLANS FOR CIRCUIT INFORMATION.

Load Type Definitions:
Motor (125% largest Motor + 100% remaining motors) | K = Kitchen (Demand as per NEC Table 220.56) | C = Continuous Load (125%) | X = X-Rays (Demand per NEC 660.6)
R = Receptacles (to 10kVA100%, over 10 kVA 50%) | G = General Load (Non-continuous) (100%) | L = Lighting (125%) | H = Heating (100%)
E = Existing Load 30-day metered (125%) | EL = Elevator (Demand as per NEC Table 620.14) | W = Water Heater (125%) | EV = Electric Vehicle Charger

Load Type	Connected Load	NEC Demand Factor	NEC Demand Load	Panel Totals	
Motor	340.0	117.65%	400.0		
G	82300.0	100.00%	82300.0	Total Connected Load:	93260.0 VA
R	10620.0	97.08%	10310.0	Total NEC Demand:	93010.0 VA
				Total Connected Current:	258.9 A
				Total NEC Demand Current:	258.2 A

PANELBOARD: P1 SEC.2

MAIN LUG ONLY | **BUS AMPACITY:** 400 A | **EQUIPMENT RATING:** 120/208 V, 3PH, 4 WIRE | **FOR AIC RATING SEE ONE-LINE DIAGRAM**

MOUNTING: SURFACE | **ENCLOSURE:** TYPE 1 | **LOCATION:** | **SUPPLIED FROM:** P1

Accessories:

CKT	Description/Location	Type	C.B.	Pole	Note	Load (VA) A	B	C	Note	Pole	C.B.	Type	Description/Location	CKT
43	POWER SPACE 27	G	20 A	1		360			2	1	20 A	G	CUTTING STATION	44
45	CUTTING STATION	G	20 A	1	-		1,500			1	20 A	G	R - HAIR DRYERS	46
47	R - HAIR DRYERS	G	20 A	1				1,500		1	20 A	G	R - HAIR DRYERS	48
49	CUTTING STATION	G	20 A	1	2	1,500			2	1	20 A	G	CUTTING STATION	50
51	CUTTING STATION	G	20 A	1	-		1,500			1	20 A	G	CUTTING STATION	52
53	CUTTING STATION	G	20 A	1	2			1,500		1	20 A	G	CUTTING STATION	54
55	CUTTING STATION	G	20 A	1	-	1,500			2	1	20 A	G	CUTTING STATION	56
57	CUTTING STATION	G	20 A	1	2		1,500		2	1	20 A	G	CUTTING STATION	58
59	CUTTING STATION	G	20 A	1	-			1,500	-	1	20 A	G	CUTTING STATION	60
61	CUTTING STATION	G	20 A	1	2	1,500			2	1	20 A	G	CUTTING STATION	62
63	CUTTING STATION	G	20 A	1	-		1,500		-	1	20 A	G	CUTTING STATION	64
65	CUTTING STATION	G	20 A	1	2			1,500	2	1	20 A	G	CUTTING STATION	66
67	CUTTING STATION	G	20 A	1	-	1,500			-	1	20 A	G	CUTTING STATION	68
69	CUTTING STATION	G	20 A	1	2		1,500		2	1	20 A	G	CUTTING STATION	70
71	CUTTING STATION	G	20 A	1	-			1,500	-	1	20 A	G	CUTTING STATION	72
73	CUTTING STATION	G	20 A	1	2	1,500			2	1	20 A	G	CUTTING STATION	74
75	CUTTING STATION	G	20 A	1	-		1,500		-	1	20 A	G	CUTTING STATION	76
77	CUTTING STATION	G	20 A	1	2			1,500	2	1	20 A	G	CUTTING STATION	78
79	CUTTING STATION	G	20 A	1	-	1,500			-	1	20 A	G	CUTTING STATION	80
81	CUTTING STATION	G	20 A	1	2		1,500			1	20 A	--	SPARE BREAKER	82
83	CUTTING STATION	G	20 A	1	-			1,500		1	20 A	--	SPARE BREAKER	84
	Total Connected load Ph. A					166 A			Panel Connected Load: 58.9 kVA				163.4 A	
	Total Connected load Ph. B					163 A			Total Demand Load: 58.9 kVA				163.4 A	
	Total Connected load Ph. C					163 A								

Notes:

Load Type Definitions:
Motor (125% largest Motor + 100% remaining motors) | K = Kitchen (Demand as per NEC Table 220.56) | C = Continuous Load (125%) | X = X-Rays (Demand per NEC 660.6)
R = Receptacles (to 10kVA100%, over 10 kVA 50%) | G = General Load (Non-continuous) (100%) | L = Lighting (125%) | H = Heating (100%)
E = Existing Load 30-day metered (125%) | EL = Elevator (Demand as per NEC Table 620.14) | W = Water Heater (125%) | EV = Electric Vehicle Charger

Load Type	Connected Load	NEC Demand Factor	NEC Demand Load	Panel Totals	
G	58860.0	100.00%	58860.0		
				Total Connected Load:	58860.0 VA
				Total NEC Demand:	58860.0 VA
				Total Connected Current:	163.4 A
				Total NEC Demand Current:	163.4 A

PANELBOARD: P2

MAIN LUG ONLY | **BUS AMPACITY:** 225 A | **EQUIPMENT RATING:** 120/208 V, 3PH, 4 WIRE | **FOR AIC RATING SEE ONE-LINE DIAGRAM**

MOUNTING: SURFACE | **ENCLOSURE:** TYPE 1 | **LOCATION:** CLASSROOM STORAGE 114 | **SUPPLIED FROM:** MDS

Accessories: Provide Feed -Thru Lugs

CKT	Description/Location	Type	C.B.	Pole	Note	Load (VA) A	B	C	Note	Pole	C.B.	Type	Description/Location	CKT
1	R - BARBER 109	R	20 A	1		180				1	20 A	G	SECURITY PANEL	2
3	R- JAN 222, TP-1	R, G	20 A	1			420			1	20 A	R	R - MECH MEZZ 181	4
5	ACCESS CONTROL PANEL	G	20 A	1				550		1	20 A	R	R - HALL 107, 112	6
7	EWC-1	Motor	15 A	1	1	384				1	20 A	R	R - TOASTER	8
9	DATA RACK - MDF 204	G	30 A	2			2,000			1	20 A	R	R - HAIR TEXTURE 112	10
11	--	--	--	--	--			2,000		1	20 A	R	R - HAIR TEXTURE 112	12
13	REFRIGERATOR - COLAB 113L	G	20 A	1	1	800				2	30 A	G	DATA RACK - MDF 204	14
15	R - HAIR TEXTURE 112	R	20 A	1			180			--	--	--	--	16
17	R - HAIR TEXTURE 112	R	20 A	1				360		1	20 A	R	R - BARBER 109	18
19	R - HAIR TEXTURE 112	R	20 A	1		180				1	20 A	R	R - HAIR TEXTURE 112	20
21	R - BARBER 109	R	20 A	1			180			1	20 A	R	R - BARBER 109	22
23	R - BARBER 109	R	20 A	1				180		1	20 A	R	R - TOILETS 204, 207, 205	24
25	R - BARBER 109	R	20 A	1		180				1	20 A	R	R - BARBER 109	26
27	R - MDF 204	R	20 A	1			360			1	20 A	R	R - COLLAB 113	28
29	R - MDF 204	R	20 A	1				360		1	20 A	R	R - HAIR TEXTURE 112	30
31	R - MDF 204	R	20 A	1		360				1	20 A	R	R - CLASSROOM SHAMPOO 110	32
33	R - BARBER 109 STORAGE	R	20 A	1			540			1	20 A	R	R - DEDICATED COUNTER	34
35	R - MICROWAVE	R	20 A	1				1,500		1	20 A	--	SPARE BREAKER	36
37	R - BARBER 109	R	20 A	1		540				1	20 A	R	R - DED COUNTER	38
39	SPARE BREAKER	--	20 A	1			0			1	20 A	--	SPARE BREAKER	40
41	SPARE BREAKER	--	20 A	1				0		1	20 A	--	SPARE BREAKER	42
	Total Connected load Ph. A					109 A			Panel Connected Load: 39.9 kVA				110.8 A	
	Total Connected load Ph. B					119 A			Total Demand Load: 31.6 kVA				87.6 A	
	Total Connected load Ph. C					105 A								

Notes:
1. PROVIDE GFCI TYPE CIRCUIT BREAKER.

Load Type Definitions:
Motor (125% largest Motor + 100% remaining motors) | K = Kitchen (Demand as per NEC Table 220.56) | C = Continuous Load (125%) | X = X-Rays (Demand per NEC 660.6)
R = Receptacles (to 10kVA100%, over 10 kVA 50%) | G = General Load (Non-continuous) (100%) | L = Lighting (125%) | H = Heating (100%)
E = Existing Load 30-day metered (125%) | EL = Elevator (Demand as per NEC Table 620.14) | W = Water Heater (125%) | EV = Electric Vehicle Charger

Load Type	Connected Load	NEC Demand Factor	NEC Demand Load	Panel Totals	
Motor	384.0	125.00%	480.0		
G	12640.0	100.00%	12640.0	Total Connected Load:	39904.0 VA
R	26880.0	68.60%	18440.0	Total NEC Demand:	31560.0 VA
				Total Connected Current:	110.8 A
				Total NEC Demand Current:	87.6 A

PANELBOARD: M1

MAIN LUG ONLY | **BUS AMPACITY:** 400 A | **EQUIPMENT RATING:** 120/208 V, 3PH, 4 WIRE | **FOR AIC RATING SEE ONE-LINE DIAGRAM**

MOUNTING: SURFACE | **ENCLOSURE:** TYPE 1 | **LOCATION:** ELECTRICAL ROOM | **SUPPLIED FROM:** MDS

Accessories: Provide Feed -Thru Lugs

CKT	Description/Location	Type	C.B.	Pole	Note	Load (VA) A	B	C	Note	Pole	C.B.	Type	Description/Location	CKT
1	CP-1	Motor	15 A	1		65				1	15 A	H	EWH-1	2
3	WH-1	WH	15 A	1			600			2	20 A	Motor	HP-13	4
5	MMV-1	G	15 A	1				384		1	20 A	--	--	6
7	EWH-2	H	15 A	1		1,000				2	15 A	Motor	BP-1a	8
9	SPARE BREAKER	--	20 A	1			0			--	--	--	--	10
11	BP-1b	Motor	15 A	2				978		1	20 A	--	SPARE BREAKER	12
13	--	--	--	--	--	978				2	20 A	Motor	HP-12	14
15	SPARE BREAKER	--	20 A	1			0			--	--	--	--	16
17	HP-1	Motor	20 A	2				1,331		1	20 A	--	SPARE BREAKER	18
19	--	--	--	--	--	1,331				2	25 A	Motor	HP-5	20
21	HP-10	Motor	40 A	2			2,662			--	--	--	--	22
23	--	--	--	--	--			2,662		2	25 A	Motor	HP-9	24
25	SPARE BREAKER	--	20 A	1		0				--	--	--	--	26
27	HP-8	Motor	40 A	2			1,331			1	25 A	Motor	HP-3	28
29	--	--	--	--	--			1,331		--	--	--	--	30
31	HP-2	Motor	25 A	2		1,331				1	40 A	Motor	HP-11	32
33	--	--	--	--	--		1,331			--	--	--	--	34
35	HP-4	Motor	25 A	2				1,331		2	40 A	Motor	HP-7	36
37	--	--	--	--	--	1,331				--	--	--	--	38
39	HP-6	Motor	40 A	2			2,662			1	--	--	BUSSED SPACE	40
41	--	--	--	--	--			2,662		1	--	--	BUSSED SPACE	42
	Total Connected load Ph. A					144 A			Panel Connected Load: 51.9 kVA				144.0 A	
	Total Connected load Ph. B					145 A			Total Demand Load: 53.2 kVA				147.7 A	
	Total Connected load Ph. C					144 A								

Notes:

Load Type Definitions:
Motor (125% largest Motor + 100% remaining motors) | K = Kitchen (Demand as per NEC Table 220.56) | C = Continuous Load (125%) | X = X-Rays (Demand per NEC 660.6)
R = Receptacles (to 10kVA100%, over 10 kVA 50%) | G = General Load (Non-continuous) (100%) | L = Lighting (125%) | H = Heating (100%)
E = Existing Load 30-day metered (125%) | EL = Elevator (Demand as per NEC Table 620.14) | W = Water Heater (125%) | EV = Electric Vehicle Charger

Load Type	Connected Load	NEC Demand Factor	NEC Demand Load	Panel Totals	
H	1999.2	100.00%	1999.2		
Motor	48903.2	102.72%	50234.4	Total Connected Load:	51886.4 VA
G	384.0	100.00%	384.0	Total NEC Demand:	53217.6 VA
WH	600.0	100.00%	600.0	Total Connected Current:	144.0 A
				Total NEC Demand Current:	147.7 A

PANELBOARD: M2

MAIN LUG ONLY | **BUS AMPACITY:** 225 A | **EQUIPMENT RATING:** 120/208 V, 3PH, 4 WIRE | **FOR AIC RATING SEE ONE-LINE DIAGRAM**

MOUNTING: SURFACE | **ENCLOSURE:** TYPE 1 | **LOCATION:** MECHANICAL MEZZANINE | **SUPPLIED FROM:** MDS

Accessories:

CKT	Description/Location	Type	C.B.	Pole	Note	Load (VA) A	B	C	Note	Pole	C.B.	Type	Description/Location	CKT
1	MOTORIZED DAMPER - FCU-1	Motor	20 A	1		550				1	20 A	Motor	EF-2	2
3	FCU-7-H	H	30 A	2			2,496			832			--	4
5	--	--	--	--	--			2,496			832		--	6
7	FCU-10-H	H	30 A	2		2,496				--	--	--	--	8
9	--	--	--	--	--		2,496			2,496			--	10
11	FCU-8-H	H	30 A	2				2,496			2,496		--	12
13	--	--	--	--	--	2,496				2,814			--	14
15	FCU-6-H	H	50 A	2			3,619				550		--	16
17	--	--	--	--	--			3,619				550	--	18
19	MOTORIZED DAMPER - FCU-6	Motor	20 A	1		550				550			--	20
21	MOTORIZED DAMPER - FCU-4	Motor	20 A	1			550				550		--	22
23	MOTORIZED DAMPER - FCU-2	Motor	20 A	1				550		915			--	24
25	MOTORIZED DAMPER - FCU-10	Motor	20 A	1		550					915		--	26
27	ERV-2	Motor	15 A	2			915			915			--	28
29	--	--	--	--	--			915			915		--	30
31	FCU-4-H	H	20 A	2		1,356				915			--	32
33	--	--	--	--	--		1,356				1,356		--	34
35	FCU-9-H	H	20 A	2				1,356				1,356	--	36
37	--	--	--	--	--	1,356				1,356			--	38
39	FCU-2-H	H	20 A	2			1,356				1,356		--	40
41	--	--	--	--	--			1,356				1,356	--	42
43	EF-4,5,6	Motor	20 A	1		410				1,356			--	44
45	SPARE BREAKER	--	20 A	1			0				0		--	46
47	SPARE BREAKER	--	20 A	1				0		0			--	48
49	SPARE BREAKER	--	20 A	1		0					0		--	50
51	BUSSED SPACE	--	--	1			--			--			--	52
53	BUSSED SPACE	--	--	1				--			--		--	54
55	BUSSED SPACE	--	--	1		--				--			--	56
57	BUSSED SPACE	--	--	1			--				--		--	58
59	BUSSED SPACE	--	--	1				--				--	--	60
	Total Connected load Ph. A					176 A			Panel Connected Load: 62.3 kVA				172.8 A	
	Total Connected load Ph. B					174 A			Total Demand Load: 62.7 kVA				174.1 A	
	Total Connected load Ph. C					170 A								

Notes:

Load Type Definitions:
Motor (125% largest Motor + 100% remaining motors) | K = Kitchen (Demand as per NEC Table 220.56) | C = Continuous Load (125%) | X = X-Rays (Demand per NEC 660.6)
R = Receptacles (to 10kVA100%, over 10 kVA 50%) | G = General Load (Non-continuous) (100%) | L = Lighting (125%) | H = Heating (100%)
E = Existing Load 30-day metered (125%) | EL = Elevator (Demand as per NEC Table 620.14) | W = Water Heater (125%) | EV = Electric Vehicle Charger

Load Type	Connected Load	NEC Demand Factor	NEC Demand Load	Panel Totals	
H	49108.8	100.00%	49108.8		
Motor	13150.8	103.48%	13608.4	Total Connected Load:	62259.6 VA
				Total NEC Demand:	62717.2 VA
				Total Connected Current:	172.8 A
				Total NEC Demand Current:	174.1 A

PANELBOARD: P3

MAIN LUG ONLY | **BUS AMPACITY:** 225 A | **EQUIPMENT RATING:** 120/208 V, 3PH, 4 WIRE | **FOR AIC RATING SEE ONE-LINE DIAGRAM**

MOUNTING: SURFACE | **ENCLOSURE:** TYPE 1 | **LOCATION:** | **SUPPLIED FROM:** P2

Accessories:

CKT	Description/Location	Type	C.B.	Pole	Note	Load (VA) A	B	C	Note	Pole	C.B.	Type	Description/Location	CKT
1	R - DEDICATED CHARGING	R	20 A	1		180				1	20 A	R	R - DEDICATED CHARGING	2
3	DDC PANEL	G	20 A	1			500			1	20 A	R	R - NAIL/ESTHETICS FLOOR BOXES	4
5	R -	R	20 A	1				720		1	20 A	R	R - ESTHETICS LAB	6
7	R - NAIL/ESTHETICS FLOOR BOXES	R	20 A	1		1,080				1	20 A	R	R - NAIL/PEDI	8
9	R - SALON/CUTTING MIRROR...	R	20 A	1			360			1	20 A	R	R - OFFICE 106	10
11	R - SALON/CUTTING MIRROR...	R	20 A	1				360		1	20 A	R	R - OFFICE 108	12
13	R - OFFICE 105	R	20 A	1		720				1	20 A	R	R - NAIL/ESTHETICS	14
15	R - OFFICE 102	R	20 A	1			720			1	20 A	R	R - ESTHETICS LAB	16
17	R - OFFICE 104	R	20 A	1				720		1	20 A	R	R - NAIL/ESTHETICS	18
19	R - ESTHETICS LAB	R	20 A	1		900				1	20 A	G	COPIER - COLAB 113	20
21	COPIER - HALL 107	G	20 A	1			1,000			1	20 A	R	R - FACIAL/MASSAGE 217	22
23	R - HAIR DRYER	R	20 A	1				1,000		1	20 A	R	R - FACIAL/MASSAGE 217	24
25	SPARE BREAKER	--	20 A	1		0				--	--	--	SPARE BREAKER	26
27	SPARE BREAKER	--	20 A	1			0			1	20 A	--	SPARE BREAKER	28
29	SPARE BREAKER	--	20 A	1				0		1	20 A	--	SPARE BREAKER	30
31	BUSSED SPACE	--	--	1		--				1	--	--	BUSSED SPACE	32
33	BUSSED SPACE	--	--	1			--			1	--	--	BUSSED SPACE	34
35	BUSSED SPACE	--	--	1				--		1	--	--	BUSSED SPACE	36
37	BUSSED SPACE	--	--	1		--				1	--	--	BUSSED SPACE	38
39	BUSSED SPACE	--	--	1			--			1	--	--	BUSSED SPACE	40
41	BUSSED SPACE	--	--	1				--		1	--	--	BUSSED SPACE	42
	Total Connected load Ph. A					43 A			Panel Connected Load: 16.3 kVA				45.2 A	
	Total Connected load Ph. B					47 A			Total Demand Load: 14.4 kVA				39.9 A	
	Total Connected load Ph. C					46 A								

Notes:

Load Type Definitions:
Motor (125% largest Motor + 100% remaining motors) | K = Kitchen (Demand as per NEC Table 220.56) | C = Continuous Load (125%) | X = X-Rays (Demand per NEC 660.6)
R = Receptacles (to 10kVA100%, over 10 kVA 50%) | G = General Load (Non-continuous) (100%) | L = Lighting (125%) | H = Heating (100%)
E = Existing Load 30-day metered (125%) | EL = Elevator (Demand as per NEC Table 620.14) | W = Water Heater (125%) | EV = Electric Vehicle Charger

Load Type	Connected Load	NEC Demand Factor	NEC Demand Load	Panel Totals	
G	2500.0	100.00%	2500.0		
R	13780.0	86.28%	11890.0	Total Connected Load:	16280.0 VA
				Total NEC Demand:	14390.0 VA
				Total Connected Current:	45.2 A
				Total NEC Demand Current:	39.9 A

PANELBOARD: L1

MAIN LUG ONLY | **BUS AMPACITY:** 125 A | **EQUIPMENT RATING:** 120/208 V, 3PH, 4 WIRE | **FOR AIC RATING SEE ONE-LINE DIAGRAM**

MOUNTING: SURFACE | **ENCLOSURE:** TYPE 1 | **LOCATION:** ELECTRICAL ROOM | **SUPPLIED FROM:** MDS

Accessories:

CKT	Description/Location	Type	C.B.	Pole	Note	Load (VA) A	B	C	Note	Pole	C.B.	Type	Description/Location	CKT
1	L - EXTERIOR WALL MOUNTED	L	20 A	1	1	70				1	20 A	L	L - NAIL/PEDI STATION OVERHEAD	2
3	L - RECEPTION/LOBBY	L	20 A	1			134			1	20 A	L	L - MEZZ	4
5	L - HALL B/C/VEST	L	20 A	1	1			110		1	20 A	L	L - RR/WAX/LAUNDRY/FACIAL/STOR	6
7	L - BARBER/COLOR/SHAMPOO	L	20 A	1		792				1	20 A	L	L - NAIL/ESTHETICS/LAB/OFFICES	8
9	L - HAIR/TEXTURE/COLLAB/STORAGE	L	20 A	1			821			1	20 A	Spar...	INV	10
11	L - SALON/CUTTING/NAIL/PEDI	L	20 A	1				1,247		--	--	--	--	12
13	SPARE BREAKER	--	20 A	1		0				2	1	20 A	L	L - TRACK LIGHTING	14
15	L - SITE LIGHT POLES	L	20 A	2	1		61			2	1	20 A	L	L - TRACK LIGHTING	16
17	--	--	--	--	--			61		2	1	20 A	L	L - TRACK LIGHTING	18
19	SPARE BREAKER	--	20 A	1		0				2	1	20 A	L	L - TRACK LIGHTING	20
21	SPARE BREAKER	--	20 A	1			0			2	1	20 A	L	L - TRACK LIGHTING	22
23	SPARE BREAKER	--	20 A	1				0		2	1	20 A	L	L - TRACK LIGHTING	24
	Total Connected load Ph. A					24 A			Panel Connected Load: 9.0 kVA				24.8 A	
	Total Connected load Ph. B					24 A			Total Demand Load: 11.1 kVA				30.9 A	
	Total Connected load Ph. C					27 A								

Notes:
1. ROUTE CIRCUIT VIA LIGHTING CONTROL PANEL.
2. ROUTE CIRCUIT VIA TLLP LIMITING PANEL.

Load Type Definitions:
Motor (125% largest Motor + 100% remaining motors) | K = Kitchen (Demand as per NEC Table 220.56) | C = Continuous Load (125%) | X = X-Rays (Demand per NEC 660.6)
R = Receptacles (to 10kVA100%, over 10 kVA 50%) | G = General Load (Non-continuous) (100%) | L = Lighting (125%) | H = Heating (100%)
E = Existing Load 30-day metered (125%) | EL = Elevator (Demand as per NEC Table 620.14) | W = Water Heater (125%) | EV = Electric Vehicle Charger

Load Type	Connected Load	NEC Demand Factor	NEC Demand Load	Panel Totals	
L	8700.4	125.00%	10875.5		
G	250.0	100.00%	250.0	Total Connected Load:	8950.4 VA
				Total NEC Demand:	11125.5 VA
				Total Connected Current:	24.8 A
				Total NEC Demand Current:	30.9 A

Battery Inverter: INV

Location: | **Supply From:** L1 | **Service:** 120/208 V, 1PH, 3 WIRE | **A.I.C. Rating:** 0 A | **Rating:**

CKT	Circuit Description	Type	C.B. A/Pole	Note	Load
1	L - CUTTING, RR, FACIAL	L	20 A/1	1	1068.4
2	L - VEST, HALL A, B, C	L	20 A/1		167.3
3	LCP	G	20 A/1		250.0
4	L - EM EXTERIOR WALL MOUNTED EAST	L	20 A/1	1	60.0
5	L - EXTERIOR WALL MOUNTED WEST	L	20 A/1	1	12.0
6	SPARE BREAKER	--	20 A/1		0.0
			Panel Connected Load:		1557.7
			Amps		7 A
			Total Demand Load:		1884.6

Notes:
1. ROUTE CIRCUIT VIA LIGHTING CONTROL PANEL.

LIGHTING CONTROL PANEL 'LCP'

RELAY # / ZONES	CIRCUIT	DESCRIPTION	CONTROL	NOTES
1	L1-11.	L - EXTERIOR WALL MOUNTED	TC, PC	
2	L1-10,12.	L - EXTERIOR SITE POLES	TC, PC	
3	L1-2.	L - VESTIBULE, HALLS A,B,C	TC	
4		SPARE		
		UL BARRIER		
5	INV-4.	L - EXTERIOR WALL MOUNTED WEST	TC, PC	
6	INV-5.	L - EXTERIOR WALL MOUNTED EAST	TC, PC	
7	INV-1	L - VESTIBULE, HALLS A,B,C	TC	
8		SPARE		

INPUTS:
PHOTOCELL
BAS
FA

ABBREVIATIONS:

TC	TIMECLOCK
PC	PHOTOCELL

PANELBOARD: SNOW

MAIN LUG ONLY
BUS AMPACITY: 125 A
EQUIPMENT RATING: 120/208 V, 3PH, 4 WIRE
FOR AIC RATING SEE ONE-LINE DIAGRAM

MOUNTING: SURFACE
ENCLOSURE: TYPE 1
LOCATION:
SUPPLIED FROM: MDS

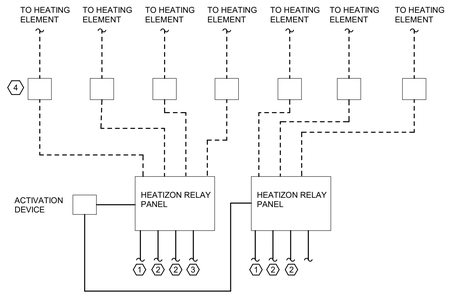
Accessories:

						Load (VA)											
						A	B	C	A	B	C						
CKT	Description/Location	Type	C.B.	Pole	Note							Note	Pole	C.B.	Type	Description/Location	CKT
1	SNOWMELT 1	C	50 A	2	1	3,744			3,744			1	2	50 A	C	SNOWMELT 3	2
3	--	--	--	--			3,744			3,744			--	--	--	--	4
5	SNOWMELT 2	C	50 A	2	1			3,744			3,744	1	2	50 A	C	SNOWMELT 4	6
7	--	--	--	--		3,744			3,744				--	--	--	--	8
9	SNOWMELT 5	C	30 A	2	1	1,664			360				1	20 A	G	CONTROL CIRCUIT	10
11	--	--	--	--			1,664			0			1	20 A	--	SPARE BREAKER	12
13	SPARE BREAKER	--	30 A	2		0			0				1	20 A	--	SPARE BREAKER	14
15	--	--	--	--	--		0			--			1	--	--	BUSSED SPACE	16
17	SPARE BREAKER	--	30 A	2				0			--		1	--	--	BUSSED SPACE	18
19	--	--	--	--	--	0			--				1	--	--	BUSSED SPACE	20
21	BUSSED SPACE	--	--	1			--			--			1	--	--	BUSSED SPACE	22
23	BUSSED SPACE	--	--	1				--			--		1	--	--	BUSSED SPACE	24
	Total Connected load Ph. A					125 A			Panel Connected Load: 33.6 kVA							93.4 A	
	Total Connected load Ph. B					80 A			Total Demand Load: 42.0 kVA							116.5 A	
	Total Connected load Ph. C					76 A											

Notes:
1.) PROVIDE 30mA GFEP TYPE CIRCUIT BREAKER.

Load Type Definitions:
Motor (125% largest Motor + 100% remaining motors)
R = Receptacles (to 10kVA100%, over 10 kVA 50%)
E = Existing Load 30-day metered (125%)
K = Kitchen (Demand as per NEC Table 220.56)
G = General Load (Non-continuous) (100%)
EL = Elevator (Demand as per NEC Table 620.14)
C = Continuous Load (125%)
L = Lighting (125%)
W = Water Heater (125%)
X = X-Rays (Demand per NEC 660.6)
H = Heating (100%)
EV = Electric Vehicle Charger

Load Type	Connected Load	NEC Demand Factor	NEC Demand Load	Panel Totals	
C	33280.0	125.00%	41600.0		
G	360.0	100.00%	360.0	**Total Connected Load:**	33640.0 VA
				Total NEC Demand:	41960.0 VA
				Total Connected Current:	93.4 A
				Total NEC Demand Current:	116.5 A



1 SNOW MELT SYSTEM

NO SCALE

GENERAL SHEET NOTES

A. SNOWMELT SYSTEM IS DESIGN BUILD BY CONTRACTOR. BASIS-OF-DESIGN: HEATIZON HOTT-WIRE SNOWMELT SYSTEM WITH CABLING INSTALLED ON 8" CENTERS, (2) M330 SERIES RELAY PANELS, (1) M326ARS ARIEL MOUNT TEMPERATURE SENSOR CONTROL, (4) 208V, 1PH, 50A CIRCUITS, (1) 208V, 1PH, 30A CIRCUIT, AND 120V, 20A CIRCUIT FOR CONTROL. DESIGN BUILD CONTRACTOR TO PROVIDE NECESSARY COMPONENTS FOR A COMPLETE AND OPERABLE SYSTEM. COORDINATE WITH ARCHITECT/OWNER TO VERIFY ACTIVATION DEVICE AND LOCATION.

B. PROVIDE GFEP PROTECTION FOR CIRCUITS FEEDING RELAY PANEL.

C. HEATING ELEMENT CONNECTION QUANTITY FOR DIAGRAMMATIC PURPOSES ONLY.

SHEET KEYNOTES

1. PROVIDE 120V, 20A/1P CONNECTION FOR RELAY PANEL POWER TO 'SNOW' PANEL.
2. PROVIDE 208V, 50A/2P CONNECTION FOR RELAY SWITCH TO 'SNOW' PANEL.
3. PROVIDE 208V, 30A/2P CONNECTION FOR RELAY SWITCH TO 'SNOW' PANEL.
4. PROVIDE JUNCTION/TERMINAL BOX AS REQUIRED PER MANUFACTURER INSTALLATION INSTRUCTIONS.

BBT ARCHITECTS
1140 sw Simpson Ave. - Suite 200
Bend, Oregon 97702
t 541.382.5535 | f 541.389.8033

REGISTERED PROFESSIONAL ENGINEER
72777PE
OREGON
JUNE 03, 2010
MARK K. O'LEARY
EXPIRES: 12/31/26

INTERFACE ENGINEERING
PROJECT 2025-1011
CONTACT Michael Nelson
100 SW Main Street, Suite 1600
Portland, OR 97204
TEL 503.382.2266
www.interfaceengineering.com

Klamath Community College, Cosmetology Center Project

7390 S 6TH STREET
KLAMATH FALLS, OR
97603

No.	Description	Date
2	Addendum #2	4/9/2026

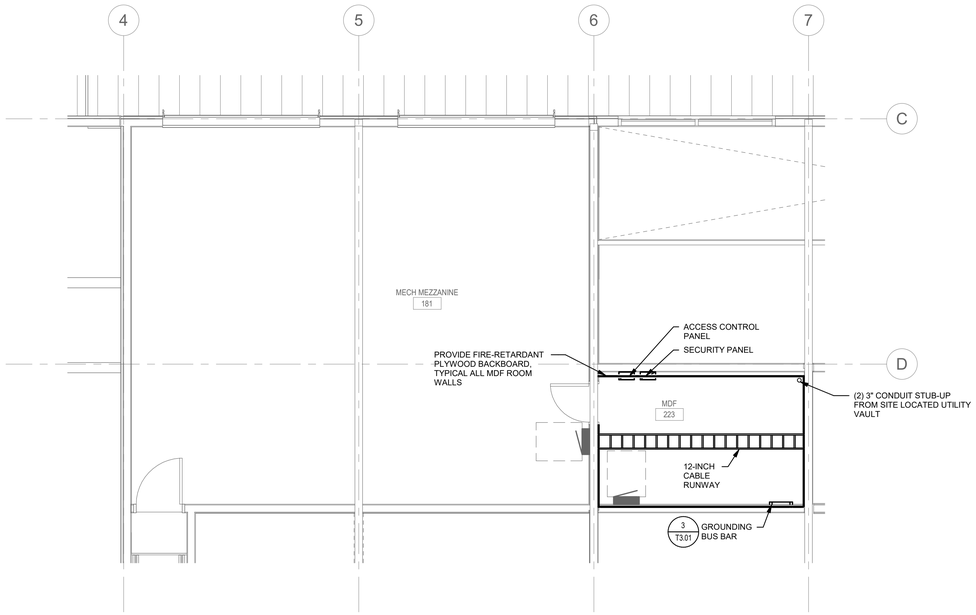
Project Number 2507
Date 3/16/2026

PERMIT / BID SET

DETAILS - ELECTRICAL

E6.03

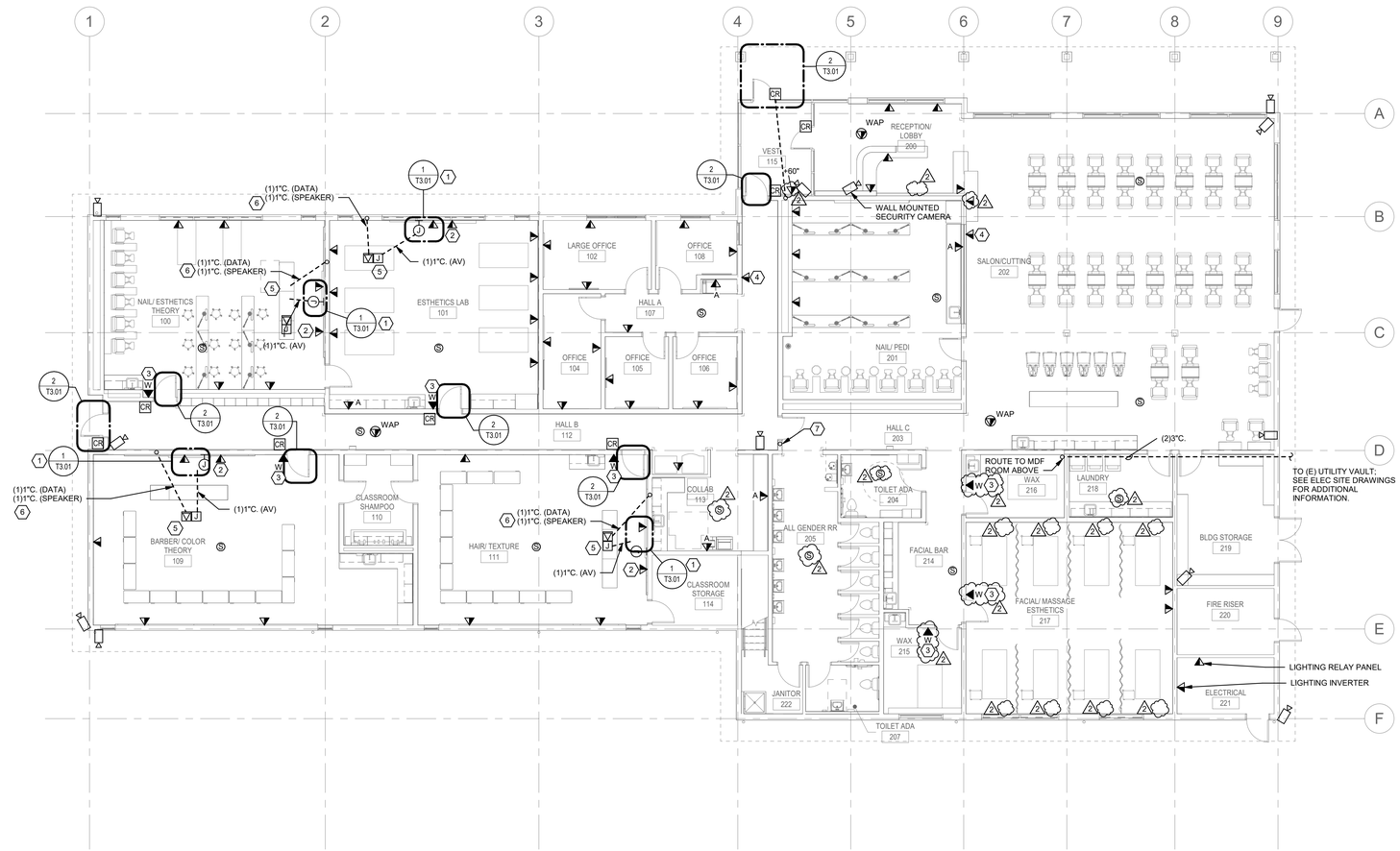
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2 MECHANICAL MEZZANINE PLAN - TECHNOLOGY

0' 2' 4' 8'

1/4" = 1'-0"



1 OVERALL FLOOR PLAN - TECHNOLOGY

0' 4' 8' 16'

1/8" = 1'-0"

SHEET KEYNOTES

1. DATA CONNECTION FOR 'SMART BOARD'. SMART BOARD IS OFCI. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
2. LOCATE DATA OUTLET CENTERED WITH POWER OUTLET DIRECTLY UNDER SMART BOARD LOCATION.
3. PROVIDE SINGLE PORT BOX FOR WALL MOUNTED TELEPHONE. VERIFY MOUNTING HEIGHT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
4. TIMECLOCK CONNECTION. VERIFY MOUNTING HEIGHT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN
5. MULTI-GANG/COMPARTMENT FLOORBOXX- KCC STANDARD/BASIS-OF-DESIGN: FSR FL-500P-8-B, 8" OPTION WITH BLACK HINGED COVER. FACEPLATES/OPENINGS FOR (2) DUPLEX POWER RECEPTACLES, (1) GANG DATA, (1) GANG AV, & (1) GANG SPEAKERS.
6. ROUTE DATA CONDUIT TO MDF ROOM. ROUTE SPEAKER CONDUIT TO ACCESSIBLE CEILING SPACE IN ROOM.
7. PROVIDE (1) 1" CONDUIT STUB UP IN WALL FOR FUTURE DOOR STRIKE. ROUTE CONDUIT FROM NEAREST DOOR CONTROLS CIRCUIT.

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REGISTERED PROFESSIONAL ENGINEER
72777PE
OREGON
JUNE 03, 2010
MARK K. O'LEARY
EXPIRES: 12/31/26

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CONTACT Michael Nelson
100 SW Main Street, Suite 1600
Portland, OR 97204
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www.interfaceengineering.com

Klamath Community College, Cosmetology Center Project

7390 S 6TH STREET
KLAMATH FALLS, OR
97603

No.	Description	Date
2	Addendum #2	4/9/2026

Project Number 2507
Date 3/16/2026

PERMIT / BID SET

OVERALL FLOOR PLAN - TECHNOLOGY

T2.01

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PART 3
SUBSTITUTION REQUESTS & APPROVALS

SECTION 01 2500
SUBSTITUTIONS

01 2500-3

TO: **BBT Architects**
1140 SW Simpson Ave., Ste. 200
Bend, OR. 97702

PROJECT NAME: Klamath Community College Cosmetology Building

We hereby submit for consideration, the following product instead of specified item for above project:

Section: 26 51 00 Paragraph: 2.1

Specified Item **Marset Pleat Box**

Proposed Substitution: Luminaire Type: **A1 - Besa Lighting Lotus**

Attach complete dimensional information and technical data including laboratory tests, if applicable.

Include complete information on changes to Drawings and/or specifications, which proposed substitution will require for its proper installation.

Submit with request all necessary samples and substantiating data to provide equal quality, performance, and appearance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance. Differences in quality of materials and construction shall be indicated.

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

1. The proposed substitutions do not affect dimensions shown on drawings.
2. The undersigned will pay for changes to the building design, including engineering design, detailing and construction costs caused by the requested substitution.
3. The proposed substitution will have no adverse affect on other trades, the construction schedule, or specified warranty requirements.
4. Maintenance and service parts will be locally available for the proposed substitution.
5. The proposed substitution will have no affect on applicable codes.
6. The manufacturer's guarantee or warranties of proposed product is equivalent to; or exceeds that of the specified product.
7. Proposed substituted item will match all sizes, profiles, specifications and colors of item originally specified.

List of names and location of three similar projects on which product was used, date of installation, and Architect's name and phone number.

Project No. 1: **Tistial Village Apartments, Portland, OR, 08/2024, Reyes Engineering, 503/771-1986**
Project No. 2: **Evergreen Lodge Expansion, McMinnville, OR, 07/2024, Mackenzie, 503/224-9560**
Project No. 3: **Willamette View Cottages, Oak Grove, OR, 12/2024, Ankrom Moisan, 503/245-7100**

SECTION 01 2500
SUBSTITUTIONS

CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE

UNDERSIGNED ATTESTS THAT FUNCTION AND QUALITY ARE EQUAL TO OR SUPERIOR TO SPECIFIED ITEMS.

FOR USE BY ARCHITECT:

_____Accepted _____Accepted as Noted
__X__Not Accepted_____Received Too Late

By: Chris Roybal, IEI
Date: 4/3/2026
Remarks: Proposed is socketed vs BOD is dedicated LED

Submitted By: Grant Spolar

Signature : Grant Spolar

Title: Sales Support Coordinator

Firm: The Lighting Project

Address: 4317 E Thurston Way

Vancouver, WA 98662

Telephone: 360/314-4100

Date : _____

Above signature must be by person having authority to legally bind his firm to the above terms.

END OF SECTION

SECTION 01 2500
SUBSTITUTIONS

TO: **BBT Architects**
1140 SW Simpson Ave., Ste. 200
Bend, OR. 97702

PROJECT NAME: Klamath Community College Cosmetology Building

We hereby submit for consideration, the following product instead of specified item for above project:

Section: 26 51 00 Paragraph: 2.1

Specified Item: **Eureka Scout**

Proposed Substitution: Luminaire Type: **A2 - Lumenwerx AERA2 Cylinder**

Attach complete dimensional information and technical data including laboratory tests, if applicable.

Include complete information on changes to Drawings and/or specifications, which proposed substitution will require for its proper installation.

Submit with request all necessary samples and substantiating data to provide equal quality, performance, and appearance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance. Differences in quality of materials and construction shall be indicated.

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4. Maintenance and service parts will be locally available for the proposed substitution.
5. The proposed substitution will have no affect on applicable codes.
6. The manufacturer's guarantee or warranties of proposed product is equivalent to; or exceeds that of the specified product.
7. Proposed substituted item will match all sizes, profiles, specifications and colors of item originally specified.

List of names and location of three similar projects on which product was used, date of installation, and Architect's name and phone number.

Project No. 1: **Miller Nash TI, Portland, OR, 12/2024, GBD Architects, 503/224-9656**
Project No. 2: **Lincoln Place II, Vancouver, WA, 12/2024, Access Architecture, 360/326-1220**
Project No. 3: **Oregon Lung Specialists, Eugene, OR, 07/2022, Pivot Architecture, 541/342-7291**

CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE

UNDERSIGNED ATTESTS THAT FUNCTION AND QUALITY ARE EQUAL TO OR SUPERIOR TO SPECIFIED ITEMS.

FOR USE BY ARCHITECT:

_X_ Accepted _____ Accepted as Noted
_____ Not Accepted _____ Received Too Late

By: Chris Roybal, IEI
Date: 4/3/2026
Remarks: _____

Submitted By: Grant Spolar

Signature : _____

Title: Sales Support Coordinator

Firm: The Lighting Project

Address: 4317 E Thurston Way

Vancouver, WA 98662

Telephone: 360/314-4100

Date : _____

Above signature must be by person having authority to legally bind his firm to the above terms.

END OF SECTION

SECTION 01 2500
SUBSTITUTIONS

01 2500-3

TO: **BBT Architects**
1140 SW Simpson Ave., Ste. 200
Bend, OR. 97702

PROJECT NAME: Klamath Community College Cosmetology Building

We hereby submit for consideration, the following product instead of specified item for above project:

Section: 26 51 00 Paragraph: 2.1

Specified Item: **Brownlee Taper**

Proposed Substitution: Luminaire Type: **A3 - Bover Folie S/60**

Attach complete dimensional information and technical data including laboratory tests, if applicable.

Include complete information on changes to Drawings and/or specifications, which proposed substitution will require for its proper installation.

Submit with request all necessary samples and substantiating data to provide equal quality, performance, and appearance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance. Differences in quality of materials and construction shall be indicated.

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4. Maintenance and service parts will be locally available for the proposed substitution.
5. The proposed substitution will have no affect on applicable codes.
6. The manufacturer's guarantee or warranties of proposed product is equivalent to; or exceeds that of the specified product.
7. Proposed substituted item will match all sizes, profiles, specifications and colors of item originally specified.

List of names and location of three similar projects on which product was used, date of installation, and Architect's name and phone number.

Project No. 1: **Deschutes Public Library - Stevens Ranch, Bend, OR, Steele Architecture, 541/382-9867**
Project No. 2: **Block 290 Apartments, Portland, OR, 02/2024, LRS Architects, 503/221-1121**
Project No. 3: **ZoomInfo - Vancouver Office, 11/2024, GBD Architects, 503/224-9656**

SECTION 01 2500
SUBSTITUTIONS

01 2500-4

CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE

UNDERSIGNED ATTESTS THAT FUNCTION AND QUALITY ARE EQUAL TO OR SUPERIOR TO SPECIFIED ITEMS.

FOR USE BY ARCHITECT:

_____Accepted _____Accepted as Noted
__X__Not Accepted_____Received Too Late

By: Chris Roybal, IEI
Date: 4/3/2026
Remarks: Proposed style is too much of a style change

Submitted By: Grant Spolar

Signature : Grant Spolar

Title: Sales Support Coordinator

Firm: The Lighting Project

Address: 4317 E Thurston Way

Vancouver, WA 98662

Telephone: 360/314-4100

Date : _____

Above signature must be by person having authority to legally bind his firm to the above terms.

END OF SECTION

SECTION 01 2500
SUBSTITUTIONS

01 2500-3

TO: **BBT Architects**
1140 SW Simpson Ave., Ste. 200
Bend, OR. 97702

PROJECT NAME: Klamath Community College Cosmetology Building

We hereby submit for consideration, the following product instead of specified item for above project:

Section: 26 51 00 Paragraph: 2.1

Specified Item: **Lumenpulse Lumencove Nano 2.0**

Proposed Substitution: Luminaire Type: **F3 - Litecontrol 30 Series**

Attach complete dimensional information and technical data including laboratory tests, if applicable.

Include complete information on changes to Drawings and/or specifications, which proposed substitution will require for its proper installation.

Submit with request all necessary samples and substantiating data to provide equal quality, performance, and appearance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance. Differences in quality of materials and construction shall be indicated.

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

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3. The proposed substitution will have no adverse affect on other trades, the construction schedule, or specified warranty requirements.
4. Maintenance and service parts will be locally available for the proposed substitution.
5. The proposed substitution will have no affect on applicable codes.
6. The manufacturer's guarantee or warranties of proposed product is equivalent to; or exceeds that of the specified product.
7. Proposed substituted item will match all sizes, profiles, specifications and colors of item originally specified.

List of names and location of three similar projects on which product was used, date of installation, and Architect's name and phone number.

Project No. 1: **Mountain View High School Replacement, Vancouver, WA, 10/2021, 360/694-8571**
Project No. 2: **Adidas Yellow Building, Portland, OR, 11/2019, IA Interior Architects, 415/434-3305**
Project No. 3: **West Salem High School, Salem, OR, 11/2021, BRIC Architecture, 503/595-4900**

SECTION 01 2500
SUBSTITUTIONS

CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE

UNDERSIGNED ATTESTS THAT FUNCTION AND QUALITY ARE EQUAL TO OR SUPERIOR TO SPECIFIED ITEMS.

FOR USE BY ARCHITECT:

X Accepted _____ Accepted as Noted
_____ Not Accepted _____ Received Too Late

By: Chris Roybal, IEI
Date: 4/3/2026
Remarks: _____

Submitted By: Grant Spolar

Signature : Grant Spolar

Title: Sales Support Coordinator

Firm: The Lighting Project

Address: 4317 E Thurston Way

Vancouver, WA 98662

Telephone: 360/314-4100

Date : _____

Above signature must be by person having authority to legally bind his firm to the above terms.

END OF SECTION

SECTION 01 2500
SUBSTITUTIONS

TO: **BBT Architects**
1140 SW Simpson Ave., Ste. 200
Bend, OR. 97702

PROJECT NAME: Klamath Community College Cosmetology Building

We hereby submit for consideration, the following product instead of specified item for above project:

Section: 26 51 00 Paragraph: 2.1

Specified Item: **Lumenpulse Lumencove Nano 2.0**

Proposed Substitution: Luminaire Type: **F4 - Litecontrol 30 Series**

Attach complete dimensional information and technical data including laboratory tests, if applicable.

Include complete information on changes to Drawings and/or specifications, which proposed substitution will require for its proper installation.

Submit with request all necessary samples and substantiating data to provide equal quality, performance, and appearance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance. Differences in quality of materials and construction shall be indicated.

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List of names and location of three similar projects on which product was used, date of installation, and Architect's name and phone number.

Project No. 1: **Mountain View High School Replacement, Vancouver, WA, 10/2021, 360/694-8571**
Project No. 2: **Adidas Yellow Building, Portland, OR, 11/2019, IA Interior Architects, 415/434-3305**
Project No. 3: **West Salem High School, Salem, OR, 11/2021, BRIC Architecture, 503/595-4900**

SECTION 01 2500
SUBSTITUTIONS

CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE

UNDERSIGNED ATTESTS THAT FUNCTION AND QUALITY ARE EQUAL TO OR SUPERIOR TO SPECIFIED ITEMS.

FOR USE BY ARCHITECT:

X Accepted _____ Accepted as Noted
_____ Not Accepted _____ Received Too Late

By: Chris Roybal, IEI
Date: 4/3/2026
Remarks: _____

Submitted By: Grant Spolar

Signature : Grant Spolar

Title: Sales Support Coordinator

Firm: The Lighting Project

Address: 4317 E Thurston Way

Vancouver, WA 98662

Telephone: 360/314-4100

Date : _____

Above signature must be by person having authority to legally bind his firm to the above terms.

END OF SECTION

SECTION 01 2500
SUBSTITUTIONS

01 2500-3

TO: **BBT Architects**
1140 SW Simpson Ave., Ste. 200
Bend, OR. 97702

PROJECT NAME: Klamath Community College Cosmetology Building

We hereby submit for consideration, the following product instead of specified item for above project:

Section: 26 51 00 Paragraph: 2.1

Specified Item: **Lithonia Envex**

Proposed Substitution: Luminaire Type: **G1 - Lumenwerx CATR24**

Attach complete dimensional information and technical data including laboratory tests, if applicable.

Include complete information on changes to Drawings and/or specifications, which proposed substitution will require for its proper installation.

Submit with request all necessary samples and substantiating data to provide equal quality, performance, and appearance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance. Differences in quality of materials and construction shall be indicated.

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4. Maintenance and service parts will be locally available for the proposed substitution.
5. The proposed substitution will have no affect on applicable codes.
6. The manufacturer's guarantee or warranties of proposed product is equivalent to; or exceeds that of the specified product.
7. Proposed substituted item will match all sizes, profiles, specifications and colors of item originally specified.

List of names and location of three similar projects on which product was used, date of installation, and Architect's name and phone number.

Project No. 1: **Perkins Coie Portland, Portland, OR, 09/2025, Stantec, 503/226-7377**
Project No. 2: **Mountain View Middle School, Beaverton, OR, 11/2025, Bassetti Architects, 503/224-9162**
Project No. 3: **Union Bank - Portland, Portland, OR, 05/2021, LK Design Group, 210/824-8825**

SECTION 01 2500
SUBSTITUTIONS

CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE

UNDERSIGNED ATTESTS THAT FUNCTION AND QUALITY ARE EQUAL TO OR SUPERIOR TO SPECIFIED ITEMS.

FOR USE BY ARCHITECT:

X Accepted _____ Accepted as Noted
_____ Not Accepted _____ Received Too Late

By: Chris Roybal, IEI
Date: 4/3/2026
Remarks: _____

Submitted By: Grant Spolar

Signature : Grant Spolar

Title: Sales Support Coordinator

Firm: The Lighting Project

Address: 4317 E Thurston Way

Vancouver, WA 98662

Telephone: 360/314-4100

Date : _____

Above signature must be by person having authority to legally bind his firm to the above terms.

END OF SECTION

SECTION 01 2500
SUBSTITUTIONS

TO: **BBT Architects**
1140 SW Simpson Ave., Ste. 200
Bend, OR. 97702

PROJECT NAME: Klamath Community College Cosmetology Building

We hereby submit for consideration, the following product instead of specified item for above project:

Section: 26 51 00 Paragraph: 2.1

Specified Item **Bega 84 121 Series**

Proposed Substitution: Luminaire Type: **SD1 - Kim Lighting UR20**

Attach complete dimensional information and technical data including laboratory tests, if applicable.

Include complete information on changes to Drawings and/or specifications, which proposed substitution will require for its proper installation.

Submit with request all necessary samples and substantiating data to provide equal quality, performance, and appearance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance. Differences in quality of materials and construction shall be indicated.

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

1. The proposed substitutions do not affect dimensions shown on drawings.
2. The undersigned will pay for changes to the building design, including engineering design, detailing and construction costs caused by the requested substitution.
3. The proposed substitution will have no adverse affect on other trades, the construction schedule, or specified warranty requirements.
4. Maintenance and service parts will be locally available for the proposed substitution.
5. The proposed substitution will have no affect on applicable codes.
6. The manufacturer's guarantee or warranties of proposed product is equivalent to; or exceeds that of the specified product.
7. Proposed substituted item will match all sizes, profiles, specifications and colors of item originally specified.

List of names and location of three similar projects on which product was used, date of installation, and Architect's name and phone number.

Project No. 1: **PCC Rock Creek Campus Parking Lot, Bethany, OR, 01/2021, BRIC Architecture, 503/595-4900**
Project No. 2: **Washougal Towncenter Revitalization, Washougal, WA, MKE & Associates, 503/892-1188**
Project No. 3: **Benton County Courthouse & DA Offices, Corvallis, OR, 04/2025, DLR Group Portland, 503/274-2675**

SECTION 01 2500
SUBSTITUTIONS

CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE

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FOR USE BY ARCHITECT:

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_____ Not Accepted _____ Received Too Late

By: Chris Roybal, IEI
Date: 4/3/2026
Remarks: _____

Submitted By: Grant Spolar

Signature : Grant Spolar

Title: Sales Support Coordinator

Firm: The Lighting Project

Address: 4317 E Thurston Way

Vancouver, WA 98662

Telephone: 360/314-4100

Date : _____

Above signature must be by person having authority to legally bind his firm to the above terms.

END OF SECTION

SECTION 01 2500
SUBSTITUTIONS

01 2500-3

TO: **BBT Architects**
1140 SW Simpson Ave., Ste. 200
Bend, OR. 97702

PROJECT NAME: Klamath Community College Cosmetology Building

We hereby submit for consideration, the following product instead of specified item for above project:

Section: 26 51 00 Paragraph: 2.1

Specified Item: **Amerlux SPEQ-M Series**

Proposed Substitution: Luminaire Type: **T2 - Solais LCM**

Attach complete dimensional information and technical data including laboratory tests, if applicable.

Include complete information on changes to Drawings and/or specifications, which proposed substitution will require for its proper installation.

Submit with request all necessary samples and substantiating data to provide equal quality, performance, and appearance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance. Differences in quality of materials and construction shall be indicated.

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

1. The proposed substitutions do not affect dimensions shown on drawings.
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4. Maintenance and service parts will be locally available for the proposed substitution.
5. The proposed substitution will have no affect on applicable codes.
6. The manufacturer's guarantee or warranties of proposed product is equivalent to; or exceeds that of the specified product.
7. Proposed substituted item will match all sizes, profiles, specifications and colors of item originally specified.

List of names and location of three similar projects on which product was used, date of installation, and Architect's name and phone number.

Project No. 1: **McGilvra Residence, Seattle, WA, 08/2025, O- Lighting Design, 503/453-7135**
Project No. 2: **Fred Meyer - Medford, Medford, OR, 03/2026, Kroger Co. National Accounts, 513/762-4000**
Project No. 3: **Anacreon Tasting Room, Newberg, OR, 07/2025, CD Redding, 503/854-0496**

SECTION 01 2500
SUBSTITUTIONS

CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE

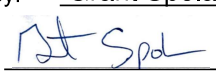
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END OF SECTION