KCC CHILDCARE LEARNING CENTER

7390 S 6TH STREET

KLAMATH FALLS, OR 97603

INSPECTIONS AND TESTING

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, EOR = ENGINEER OF RECORD.

	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
	CEMENT TREATED BASE	GEO	CONTINUOUS VISUAL, FINAL PROOF ROLL	
	PAVEMENT SUBGRADE	GEO, SI, EOR	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
	SIDEWALK SUBGRADE	GEO, EOR	AS REQUIRED	PROBE OR PROOF ROLL
	FOUNDATION SUBGRADE	REFER TO GEOTECHNIAL REPORT & STRUCTURAL PLANS		
	PAVEMENT AGGREGATE BASE	GEO, SI, EOR	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
	SIDEWALK AGGREGATE BASE	GEO, EOR	AS REQUIRED	PROBE OR PROOF ROLL
	FOUNDATION AGGREGATE BASE	REFER TO GEOTECHNIAL REPORT & STRUCTURAL PLANS		
	ASPHALT PAVEMENT	GEO, SI, EOR	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	EOR	AIR PRESSURE TEST	CONTRACTOR TO PROVIDE TESTING, WITNESSED BY EOR
	STORM SEWER LINE	EOR	AIR PRESSURE TEST	CONTRACTOR TO PROVIDE TESTING, WITNESSED BY EOR
	POTABLE WATER LINE	EOR	AS REQUIRED	FLUSH, BACTERIA, PRESSURE; CONTRACTOR TO PROVIDE TESTING, WITNESSED BY EOR
	FIRE WATER LINE	EOR	AS REQUIRED	FLUSH, BACTERIA, PRESSURE; CONTRACTOR TO PROVIDE TESTING, WITNESSED BY EOR

PROJECT INFORMATION

PROJECT TEAM

OWNER REPRESENTATIVE
KLAMATH COMMUNITY COLLEGE
CONTACT: TIM WILLIAMS
7390 S 6TH STREET
KLAMATH FALLS, OR 97603
(541) 880-2244

ENGINEER OF RECORD
ZACHARY A. STOKES, PE
CONTACT: MALIA WATERS
ZCS
900 KLAMATH AVENUE
KLAMATH FALLS, OR 97601
(541) 884-7421

GEOTECHNICAL ENGINEER
DENNIS DURU, PE, CEG, GE
THE GALLI GROUP
612 NW THIRD STREET
GRANTS PASS, OR 97526
(541) 955-1611

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

POWER PROVIDER
PACIFICORP
1950 MALLARD LANE
KLAMATH FALLS, OR 97601
(541) 883-7828

ARCHITECT
JOHN STAPLETON, AIA
CONTACT: KAREN WILLIAMS, AIA
PIVOT ARCHITECTURE
44 W BROADWAY #300
EUGENE, OR 97401
(541) 342-7291

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

WATER PROVIDER
CITY OF KLAMATH FALLS
PUBLIC WORKS
226 S 5TH STREET
KLAMATH FALLS, OR 97601
(541) 883-5363

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

NATURAL GAS PROVIDER
AVISTA CORPORATION
2825 DAKOTA COURT
KLAMATH FALLS, OR 97603
(541) 880-1648

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:	CO - (CG) GENERAL COMMERCIAL CO - (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

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
DEQ	DEPARTMENT OF ENVIRONMENTAL QUALITY
EPA	ENVIRONMENTAL PROTECTION AGENCY
ESC	EROSION AND SEDIMENT CONTROL
(E)	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
GC	GENERAL CONTRACTOR
IE	INVERT ELEVATION
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

SHEET INDEX

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 'THE GALLI GROUP' DATED MAY 28, 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. ALL UNDERGROUND UTILITIES AND SERVICE LATERALS SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF CURBS AND GUTTERS. CONTRACTOR SHALL STAMP CURBS OR SIDEWALKS (AS APPLICABLE) TO MARK THE LOCATIONS OF ALL SERVICE LINES (S - SANITARY, W - WATER, D - STORM DRAIN, G - GAS).
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 C700 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.

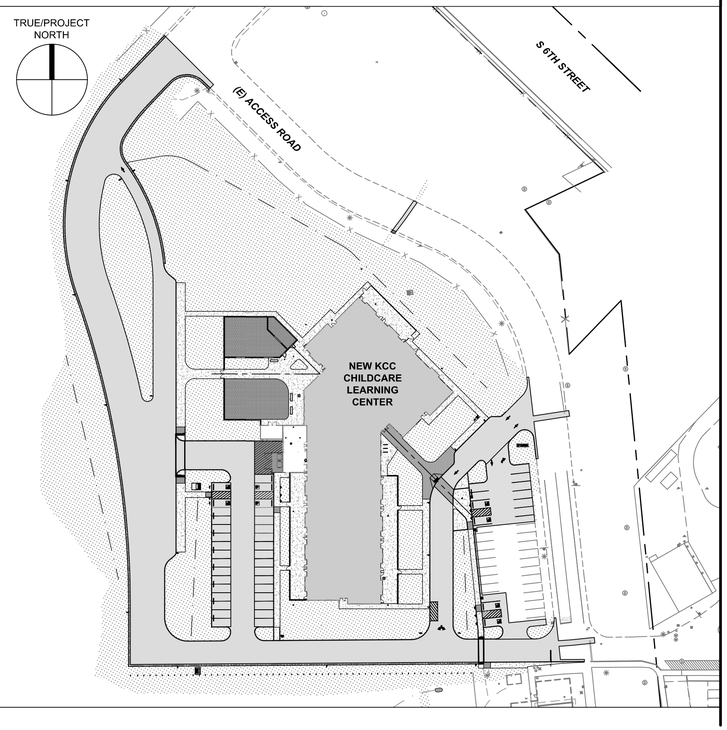
UTILITY STATEMENT:

EXISTING UNDERGROUND UTILITIES ILLUSTRATED IN THESE PLANS ARE APPROXIMATED BASED ON AS-BUILTS OBTAINED FROM KLAMATH COMMUNITY COLLEGE, 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.

SITE PLAN



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FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:
CIVIL COVER SHEET

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C000

LEGEND

HATCHES & LINE TYPES:

- FIRE RISER ROOM
- FIRE APPARATUS ROUTE - 20' WIDE
- EXIT DISCHARGE ROUTE
- PROPERTY LINE
- FIRE HYDRANT DISTANCE ARC
- 6" FW — FIRE WATER LINE - SIZE VARIES

SYMBOLS:

- FIRE DEPARTMENT CONNECTION
- FIRE WATER VAULT
- FIRE HYDRANT
- EXISTING FIRE HYDRANT

CODE SUMMARY:

OREGON FIRE CODE (OFC)

503.1.1 - BUILDINGS AND FACILITIES:
APPROVED FIRE ACCESS ROAD SHALL EXTEND TO WITHIN 150-FT OF ALL PORTIONS OF THE EXTERIOR WALLS OF THE FIRST STORY.

APPENDIX B - FIRE FLOW REQUIREMENTS FOR BUILDINGS:
B104, FIRE-FLOW CALCULATION AREA:
FIRE-FLOW AREA: ±28,200 SF
AREA INCLUDES ALL AREAS WITHIN EXTERIOR WALLS AND UNDER HORIZONTAL ROOF PROJECTIONS. NO B104.2 AREA SEPARATION PROPOSED.

B105, FIRE-FLOW REQUIREMENTS:
TYPE V-B CONSTRUCTION, AUTOMATIC FIRE SPRINKLERS PROPOSED
REQUIRED SITE FIRE FLOW: 1,125 GPM FOR 2 HOURS

APPENDIX C - FIRE HYDRANT LOCATIONS AND DISTRIBUTION:
C102, REQUIRED NUMBER AND SPACING OF FIRE HYDRANTS:
FIRE-FLOW LESS THAN 1,125 GPM: 1 HYDRANT, 600' MAX. DISTANCE FROM FRONTAGE TO HYDRANT

APPENDIX D - FIRE APPARATUS ACCESS ROAD:
BUILDING PARAPET LESS THAN 30-FT ABOVE GRADE, SO FIRE APPARATUS ACCESS ROAD UNOBSTRUCTED CLEAR DIMENSIONAL REQUIREMENTS ARE 20-FT WIDE AND 13'-6" VERTICAL, MINIMUM. FIRE APPARATUS ACCESS IS VIA THE EXISTING GRANTS PASS SHOPPING CENTER PARKING LOT.

OREGON STRUCTURAL SPECIALTY CODE (OSSC)

1008.2.3 EXIT DISCHARGE:
ILLUMINATION SHALL BE PROVIDED ALONG THE PATH OF TRAVEL FOR THE EXIT DISCHARGE FROM EACH EXIT TO THE PUBLIC WAY. ILLUMINATION SHALL NOT BE LESS THAN 1 FOOTCANDLE AT THE WALKING SURFACE (10 FOOTCANDLES FOR STAIRWAYS AND ASSOCIATED LANDINGS, WHERE APPLICABLE).

1028.3 EXIT DISCHARGE WIDTH OR CAPACITY:
MINIMUM WIDTH OR CAPACITY SHALL NOT BE LESS THAN THE MINIMUM WITH OR REQUIRED CAPACITY OF THE EXITS BEING SERVED. SIDEWALK WIDTH MUST MEET OR EXCEED THIS MINIMUM. SEE ARCHITECTURAL CODE PLAN FOR OCCUPANCY AND REQUIRED EXIT WIDTHS.

1028.5 ACCESS TO A PUBLIC WAY:
THE EXIT DISCHARGE SHALL PROVIDE A DIRECT AND UNOBSTRUCTED ACCESS TO A PUBLIC WAY. WHERE ACCESS TO A PUBLIC WAY CANNOT BE PROVIDED, A SAFE DISPERSAL AREA SHALL BE PROVIDED WHERE:

1. THE AREA SHALL BE OF A SIZE TO ACCOMMODATE NOT LESS THAN 5 SQUARE FEET (0.46 M2) FOR EACH PERSON.
2. THE AREA SHALL BE LOCATED ON THE SAME LOT NOT LESS THAN 50 FEET (15 240 MM) AWAY FROM THE BUILDING REQUIRING EGRESS.
3. THE AREA SHALL BE PERMANENTLY MAINTAINED AND IDENTIFIED AS A SAFE DISPERSAL AREA.
4. THE AREA SHALL BE PROVIDED WITH A SAFE AND UNOBSTRUCTED PATH OF TRAVEL FROM THE BUILDING.

30 0 15 30 60
1 IN = 30 FT

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FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

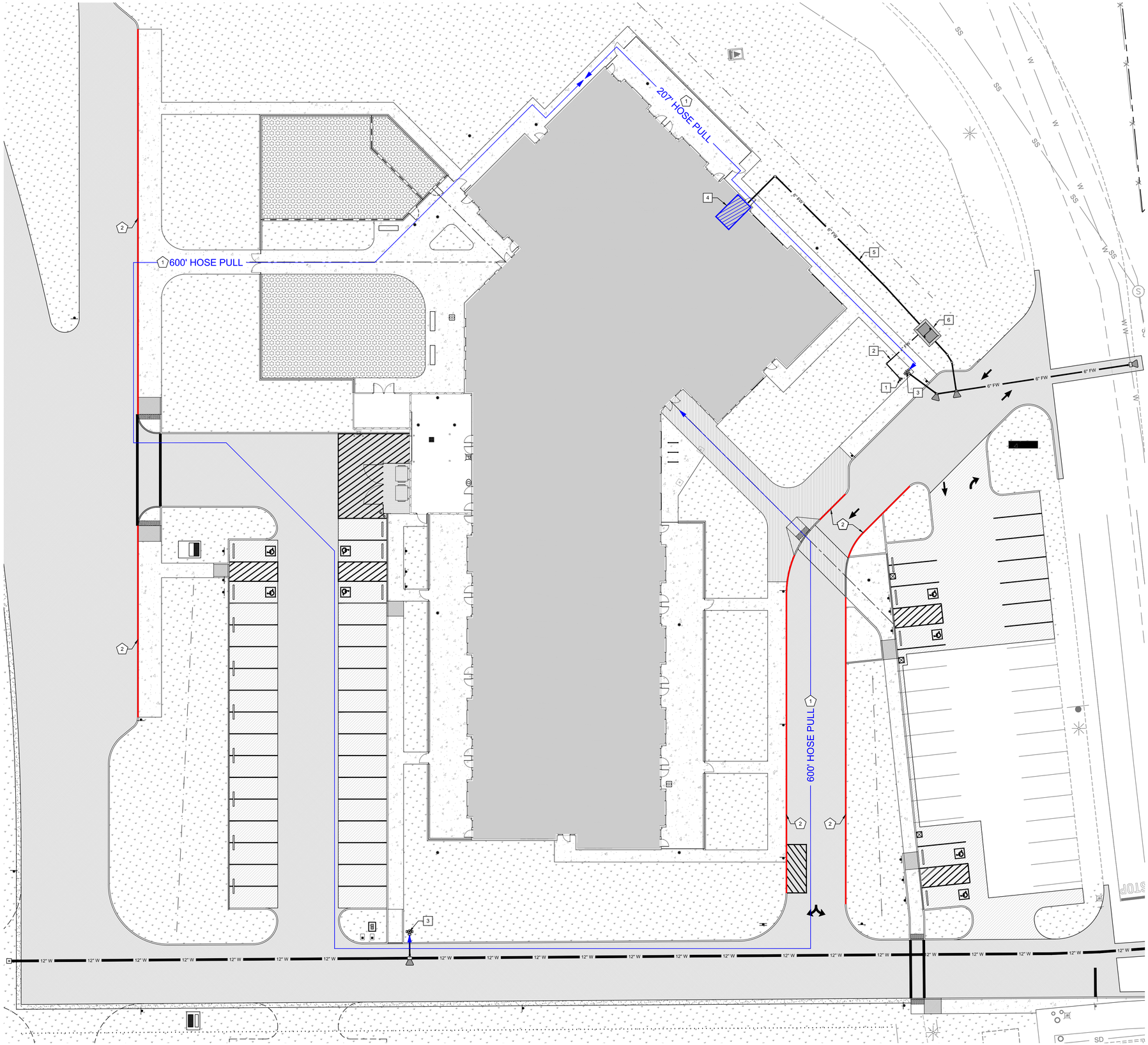
SHEET TITLE:
OVERALL SITE CODE PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C020



LEGEND

HATCHES & LINE TYPES:

- FIRE RISER ROOM
- HOSE PULL DISTANCE
- PROPERTY LINE
- 4" FW — FIRE WATER LINE - SIZE VARIES

SYMBOLS:

- FIRE DEPARTMENT CONNECTION
- FIRE WATER VAULT
- EXISTING FIRE HYDRANT

GENERAL NOTES

SEE ARCHITECTURAL CODE PLAN FOR ADDITIONAL INFORMATION.

SITE FEATURE NOTES:

1. HOSE PULL DISTANCE.
2. CURB PAINTED SOLID RED WITH 'NO PARKING - FIRE LANE' TEXT SPACED 50' ON CENTER.

FIRE WATER SYSTEM NOTES:

1. FIRE DEPARTMENT CONNECTION (FDC)
2. FDC LINE.
3. FIRE HYDRANT.
4. FIRE RISER ROOM.
5. FIRE RISER SUPPLY LINE.
6. FIRE WATER VAULT.

CODE SUMMARY:

OREGON FIRE CODE (OFC)

503.1.1 - BUILDINGS AND FACILITIES:
APPROVED FIRE ACCESS ROAD SHALL EXTEND TO WITHIN 150-FT OF ALL PORTIONS OF THE EXTERIOR WALLS OF THE FIRST STORY.

APPENDIX B - FIRE FLOW REQUIREMENTS FOR BUILDINGS:
B104, FIRE-FLOW CALCULATION AREA:
FIRE-FLOW AREA: ±28,200 SF
AREA INCLUDES ALL AREAS WITHIN EXTERIOR WALLS AND UNDER HORIZONTAL ROOF PROJECTIONS. NO B104.2 AREA SEPARATION PROPOSED.

B105, FIRE-FLOW REQUIREMENTS:
TYPE V-B CONSTRUCTION, AUTOMATIC FIRE SPRINKLERS PROPOSED
REQUIRED SITE FIRE FLOW: 1,125 GPM FOR 2 HOURS

APPENDIX C - FIRE HYDRANT LOCATIONS AND DISTRIBUTION:
C102, REQUIRED NUMBER AND SPACING OF FIRE HYDRANTS:
FIRE-FLOW LESS THAN 1,125 GPM: 1 HYDRANT, 600' MAX. DISTANCE FROM FRONTAGE TO HYDRANT

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OREGON STRUCTURAL SPECIALTY CODE (OSSC)

1008.2.3 EXIT DISCHARGE:
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4. THE AREA SHALL BE PROVIDED WITH A SAFE AND UNOBSTRUCTED PATH OF TRAVEL FROM THE BUILDING.

30 0 15 30 60

1 IN = 30 FT

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PIVOT ARCHITECTURE

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EXPIRES: 06-30-26

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KLAMATH COMMUNITY COLLEGE
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SHEET TITLE:
CLC SITE CODE PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C021

ATTENTION:
TOPOGRAPHIC SURVEY BY OTHERS. INCLUDED IN THIS PLAN SET FOR REFERENCE. SURVEY IS SHOWN AT FULL SCALE SPLIT ONTO TWO SHEETS, REFER TO C031. CONTACT PROJECT SURVEYOR FOR ADDITIONAL INFORMATION, IF NECESSARY

TOPOGRAPHIC SURVEY

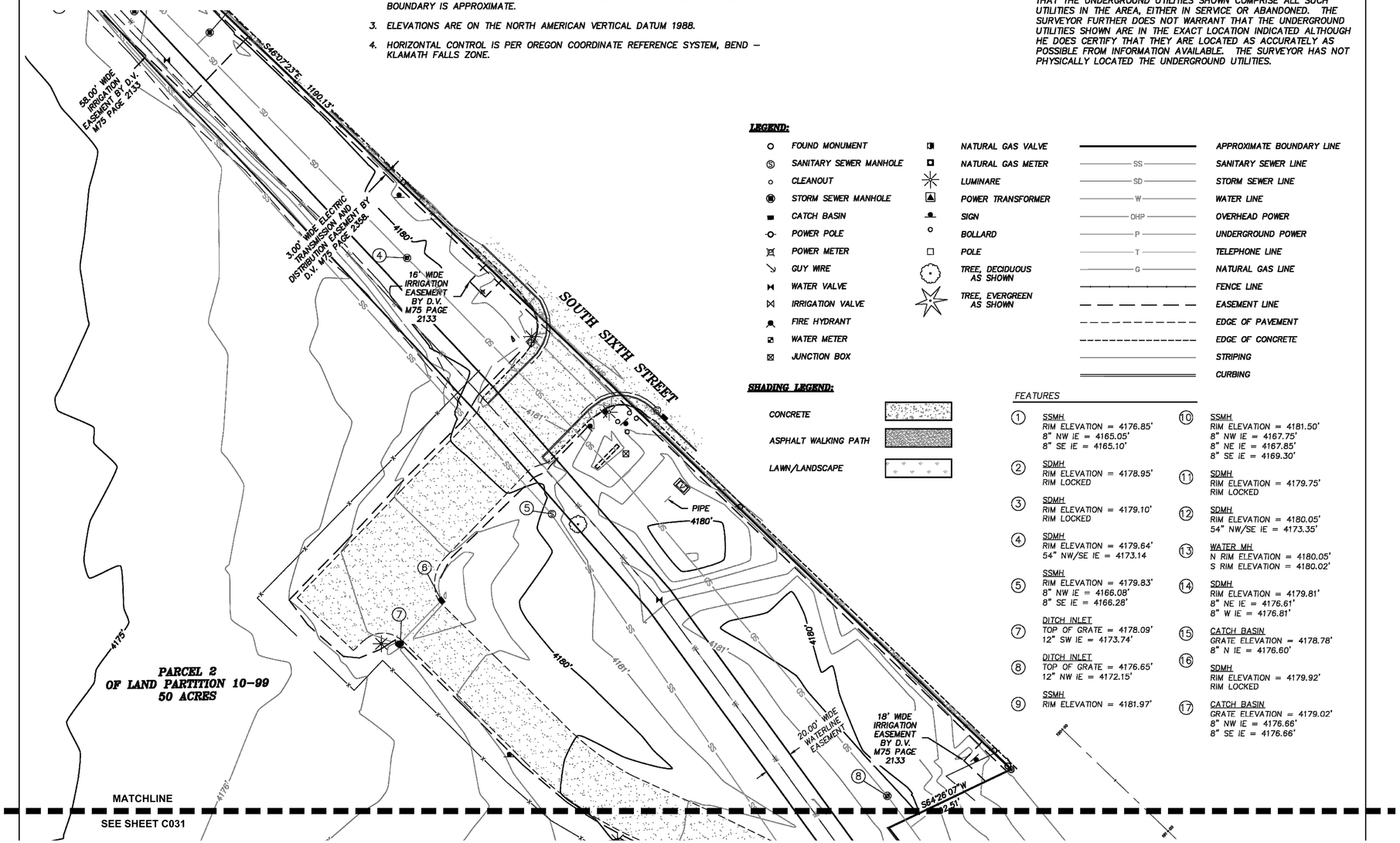
BEING PARCEL 2 OF "LAND PARTITION 10-99"
SITUATED IN THE NE1/4
OF SECTION 12, T39S, R09E, W.M.
KLAMATH COUNTY, OREGON

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 ft.

NOTES:

1. ALL UTILITIES SHOWN WERE LOCATED FROM VISIBLE STRUCTURES AND PAINT IN THE FIELD.
2. A BOUNDARY RESOLUTION WAS NOT PERFORMED FOR THIS TOPOGRAPHIC SURVEY. THE BOUNDARY IS APPROXIMATE.
3. ELEVATIONS ARE ON THE NORTH AMERICAN VERTICAL DATUM 1988.
4. HORIZONTAL CONTROL IS PER OREGON COORDINATE REFERENCE SYSTEM, BEND – KLAMATH FALLS ZONE.

UTILITY STATEMENT:
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



LEGEND:

- FOUND MONUMENT
- SANITARY SEWER MANHOLE
- CLEANOUT
- STORM SEWER MANHOLE
- CATCH BASIN
- POWER POLE
- POWER METER
- GUY WIRE
- WATER VALVE
- IRRIGATION VALVE
- FIRE HYDRANT
- WATER METER
- JUNCTION BOX
- NATURAL GAS VALVE
- NATURAL GAS METER
- LUMINARE
- POWER TRANSFORMER
- SIGN
- BOLLARD
- POLE
- TREE, DECIDUOUS AS SHOWN
- TREE, EVERGREEN AS SHOWN
- APPROXIMATE BOUNDARY LINE
- SANITARY SEWER LINE (SS)
- STORM SEWER LINE (SD)
- WATER LINE (W)
- OVERHEAD POWER (OHP)
- UNDERGROUND POWER (P)
- TELEPHONE LINE (T)
- NATURAL GAS LINE (G)
- FENCE LINE
- EASEMENT LINE
- EDGE OF PAVEMENT
- EDGE OF CONCRETE
- STRIPING
- CURBING

SHADING LEGEND:

- CONCRETE
- ASPHALT WALKING PATH
- LAWN/LANDSCAPE

FEATURES

1. SSMH
   RIM ELEVATION = 4176.85'
   8" NW IE = 4165.05'
   8" SE IE = 4165.10'
2. SDMH
   RIM ELEVATION = 4178.95'
   RIM LOCKED
3. SDMH
   RIM ELEVATION = 4179.10'
   RIM LOCKED
4. SDMH
   RIM ELEVATION = 4179.64'
   54" NW/SE IE = 4173.14
5. SSMH
   RIM ELEVATION = 4179.83'
   8" NW IE = 4166.08'
   8" SE IE = 4166.28'
6. DITCH INLET
   TOP OF GRATE = 4178.09'
   12" SW IE = 4173.74'
7. DITCH INLET
   TOP OF GRATE = 4176.65'
   12" NW IE = 4172.15'
8. SSMH
   RIM ELEVATION = 4181.97'
10. SSMH
    RIM ELEVATION = 4181.50'
    8" NW IE = 4167.75'
    8" NE IE = 4167.85'
    8" SE IE = 4169.30'
11. SDMH
    RIM ELEVATION = 4179.75'
    RIM LOCKED
12. SDMH
    RIM ELEVATION = 4180.05'
    54" NW/SE IE = 4173.35'
13. WATER MH
    N RIM ELEVATION = 4180.05'
    S RIM ELEVATION = 4180.02'
14. SDMH
    RIM ELEVATION = 4179.81'
    8" NE IE = 4176.61'
    8" W IE = 4176.81'
15. CATCH BASIN
    GRATE ELEVATION = 4178.78'
    8" N IE = 4176.60'
16. SDMH
    RIM ELEVATION = 4179.92'
    RIM LOCKED
17. CATCH BASIN
    GRATE ELEVATION = 4179.02'
    8" NW IE = 4176.66'
    8" SE IE = 4176.66'

PRINTED ON:
SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED
FROM FILE:

PIVOT ARCHITECTURE

FOR INFORMATION ONLY

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-8381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:
TOPOGRAPHIC SURVEY - NORTH

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C030

ATTENTION:
TOPOGRAPHIC SURVEY BY OTHERS. INCLUDED IN THIS PLAN SET FOR REFERENCE. SURVEY IS SHOWN AT FULL SCALE SPLIT ONTO TWO SHEETS, REFER TO C030. CONTACT PROJECT SURVEYOR FOR ADDITIONAL INFORMATION, IF NECESSARY

SHEET NAME:	EXISTING CONDITIONS
DRAWN BY:	OJA
CHK'D BY:	
DATE:	MAY 2025
REVISIONS:	
JOB NO.	2475
SHEET NO.	1/1

KCC CHILDCARE TOPOGRAHIC SURVEY

KLAMATH FALLS OREGON

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
SEPTEMBER 13, 2022
ORLANDO J. AQUINO
99358
EXPIRES: 12-31-25

R-C RHINE-CROSS GROUP
RHINE-CROSS GROUP LLC
ENGINEERING - SURVEYING - PLANNING
112 N 5th ST - SUITE 200 - P.O. BOX 909
KLAMATH FALLS, OREGON 97601
Phone: (541) 851-9405 Fax: (541) 273-9200 admin@rc-grp.com

KLAMATH COMMUNITY COLLEGE
DENISE REID
7390 SOUTH 6TH ST
KLAMATH FALLS, OR 97603
(541) 880-2392

FROM FILE:
PRINTED ON:
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PIVOT ARCHITECTURE

FOR INFORMATION ONLY

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:
TOPOGRAPHIC SURVEY - SOUTH

REVISIONS:
DESCRP. DATE

ISSUE DATE: 08.01.2025

C031

LEGEND

DEMOLITION

HATCHES & LINE TYPES:

- ASPHALT PAVING
- CONCRETE
- GRAVEL PAVING
- CLEARING AND GRUBBING
- CURB
- FENCING

SYMBOLS:

- TREE AND ROOT BALL - SIZE AND TYPE VARY
- SIGN
- SITE LIGHT

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.

NOT ALL NOTES APPEAR ON EACH SHEET.

NOTES:

101. ASPHALT PAVING.
102. CONCRETE SIDEWALK.
103. CONCRETE CURB.
104. GRAVEL PAVING.
105. TREE AND ROOT BALL - SIZE AND TYPE VARY.
106. SITE LIGHT AND FOOTING.
107. FENCE, GATES, POSTS, AND FOOTINGS.
108. TRAFFIC SIGN AND FOOTING.
109. TRENCHING FOR DRY UTILITY BANK.
110. CLEARING AND GRUBBING.

50 0 25 50 100

1 IN = 50 FT

PRINTED ON:
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FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-8381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

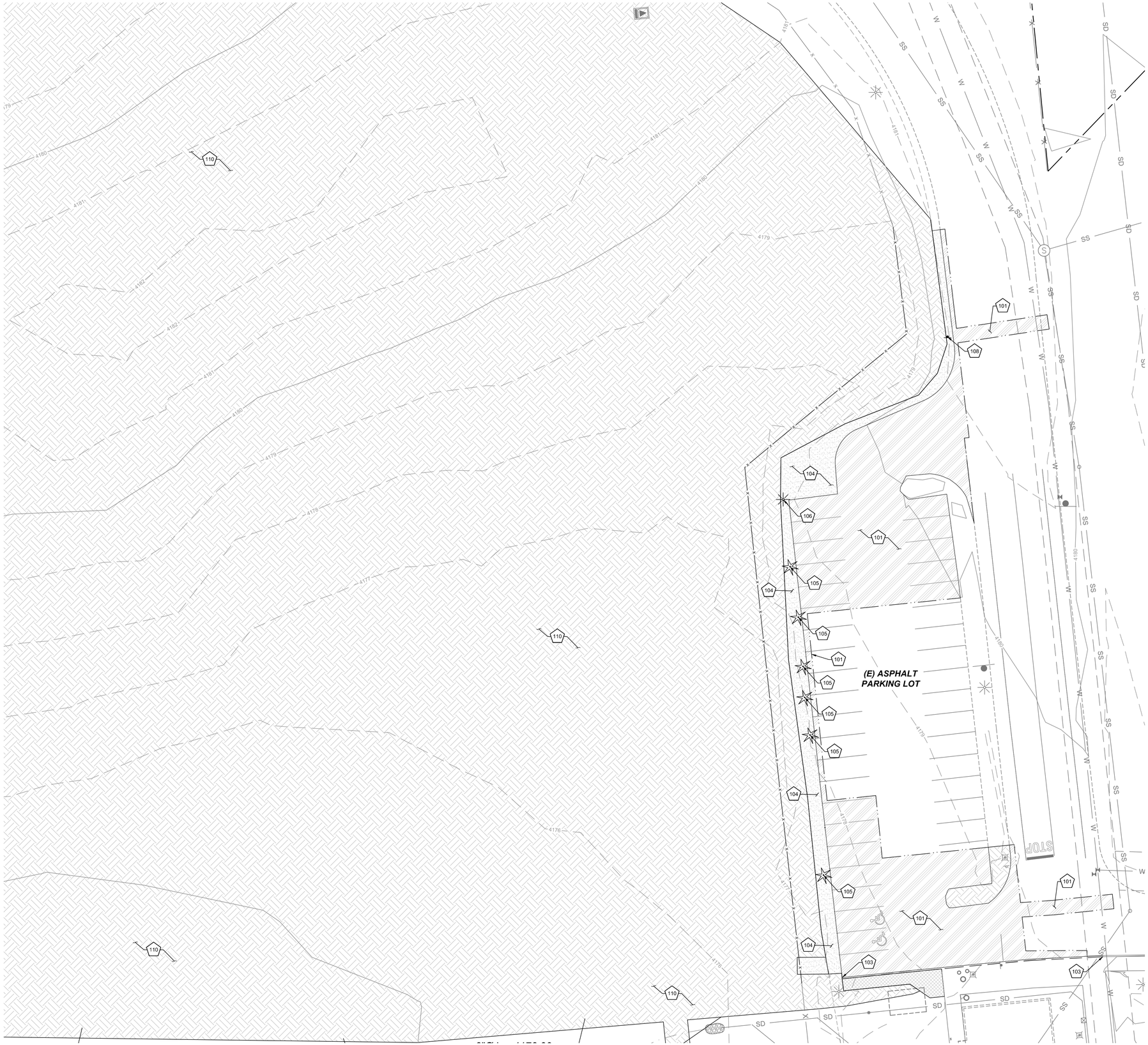
OVERALL DEMOLITION PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C100



LEGEND

DEMOLITION

HATCHES & LINE TYPES:

- ASPHALT PAVING
- CONCRETE
- GRAVEL PAVING
- CLEARING AND GRUBBING
- CURB
- FENCING

SYMBOLS:

- TREE AND ROOT BALL - SIZE AND TYPE VARY
- SIGN
- SITE LIGHT

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.

NOT ALL NOTES APPEAR ON EACH SHEET.

NOTES:

101. ASPHALT PAVING.
102. CONCRETE SIDEWALK.
103. CONCRETE CURB.
104. GRAVEL PAVING.
105. TREE AND ROOT BALL - SIZE AND TYPE VARY.
106. SITE LIGHT AND FOOTING.
107. FENCE, GATES, POSTS, AND FOOTINGS.
108. TRAFFIC SIGN AND FOOTING.
109. TRENCHING FOR DRY UTILITY BANK.
110. CLEARING AND GRUBBING.

20 0 10 20 40

1 IN = 20 FT

PRINTED ON:
SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED

FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

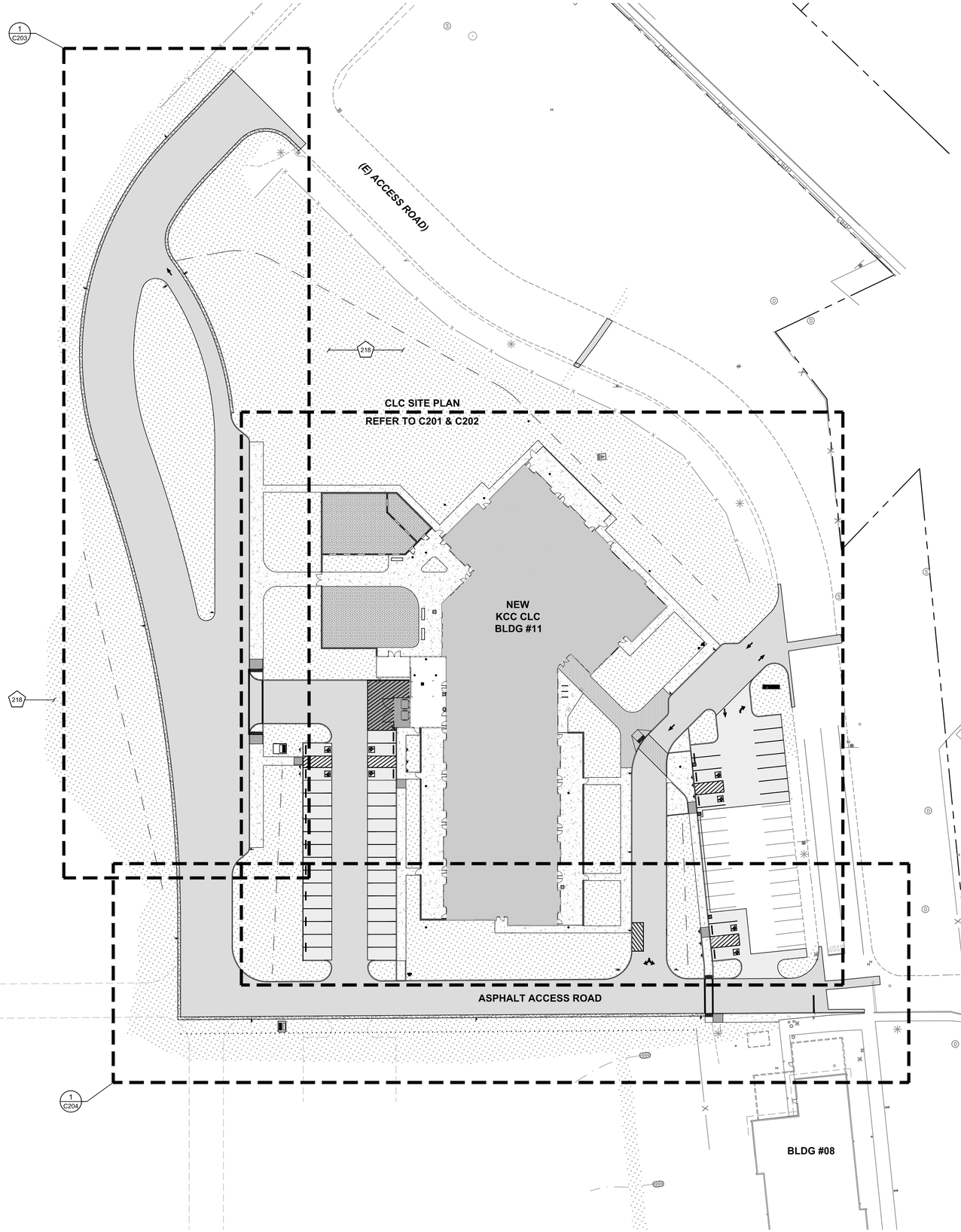
CLC
DEMOLITION
PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C101



LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING - REINFORCED
- CONCRETE PAVING - SNOWMELT
- CONCRETE PAVING - STANDARD
- ASPHALT PAVING - HEAVY DUTY
- ASPHALT PAVING - STANDARD DUTY
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL SHOULDER REPAIR
- FENCING
- CURB

SYMBOLS:

- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE
- SIGN
- SIGN

SITE CONSTRUCTION NOTES:

GENERAL SITE CONSTRUCTION NOTES:

REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOT ALL NOTES APPEAR ON EACH SHEET.

PAVING AND SURFACING NOTES:

201. STANDARD CONCRETE PAVING PER 1/C500.
202. REINFORCED CONCRETE PAVING PER 2/C500.
203. ASPHALT PAVING PER 3/C500.
204. HEAVY DUTY ASPHALT PAVING PER 4/C500.
205. CONCRETE SIDEWALK WITH SNOWMELT PER 13/C501 AND MECHANICAL PLANS.
206. GRAVEL PAVING PER 5/C500.
207. GRAVEL ROADWAY SHOULDER REPAIR PER 6/C500.
208. STANDARD CURB PER 9/C501.
209. FLUSH CURB PER 10/C501.
210. TRANSITION CURB FROM FLUSH TO FULL HEIGHT OVER 18".
211. CURB CUT PER 11/C501.
212. BOLLARD PER 12/C501.
213. CURB RAMP PER ODOT RD910/C602 FIGURE 'PERPENDICULAR'.
214. CURB RAMP PER ODOT RD910/C602 FIGURE 'PERPENDICULAR THROUGH BUFFER STRIP'.
215. CURB RAMP SIMILAR TO ODOT RD920/C602 FIGURE 'PARALLEL'.
216. CURB RAMP PER ODOT RD950/C602.
217. PLAYGROUND SURFACING PER LANDSCAPE PLANS.
218. LANDSCAPE PER LANDSCAPE PLANS.

PAVEMENT MARKING NOTES:

225. ACCESSIBLE PARKING STALL PER 8/C500.
226. ACCESSIBLE PARKING ACCESS AISLE PER 8/C500.
227. 4" WIDE SOLID WHITE STRIPING, ANGLED AS SHOWN, TYPICAL.
228. TURN ARROW PER FIGURE 'RALA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
229. TURN ARROW PER FIGURE 'RA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
230. DIRECTIONAL ARROW PER FIGURE 'SA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
231. STANDARD CROSSWALK PER FIGURE 'CW' ON TM503/C603.
232. STOP BAR PER FIGURE 'S' ON TM503/C603.
233. 4" SOLID YELLOW STRIPING ANGLED AT 30° FROM PARALLEL, SPACED AT 2' ON CENTER WITH PERIMETER AS SHOWN.
234. PAINT CURB SOLID RED WITH 'NO PARKING - FIRE LANE' TEXT SPACED 50' ON CENTER.

FENCING, SIGNAGE, AND FIXTURE NOTES:

250. BICYCLE PARKING PER LANDSCAPE PLANS.
251. FENCING AND GATES PER ARCHITECTURAL PLANS, TYPICAL.
252. STANDARD ACCESSIBLE PARKING SIGN ASSEMBLY PER 8/C500.
253. VAN ACCESSIBLE PARKING SIGN ASSEMBLY PER 8/C500.
254. ACCESSIBLE PARKING ACCESS AISLE SIGN ASSEMBLY PER 8/C500.
255. 'STOP' SIGN PER MUTCD R1-1, SIZE 24"x24". SIGN POST AND BASE PER 7/C500.
256. 'YIELD' SIGN PER MUTCD R1-2. SIZE 24"x24"x24". SIGN POST AND BASE PER 7/C500.
257. 'DO NOT ENTER' SIGN PER MUTCD R5-1. SIZE 24"x24". SIGN POST AND BASE PER 7/C500.
258. 'NO STUDENT DROP-OFF OR PICKUP BUSES ONLY' OR SIMILAR SIGN. SIZE 12"x18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 7/C500.
259. 'PICK-UP AND DROP-OFF ONLY NO PARKING' OR SIMILAR SIGN. SIZE 12"X18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 7/C500.
260. 'NO PARKING BETWEEN SIGNS' OR SIMILAR SIGN. SIZE 12"X18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 7/C500.

40 0 20 40 80

1 IN = 40 FT

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-638I-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST. KLAMATH FALLS, OR 97603

SHEET TITLE:

SITE CONSTRUCTION AND DIMENSIONING SITE KEY

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C200

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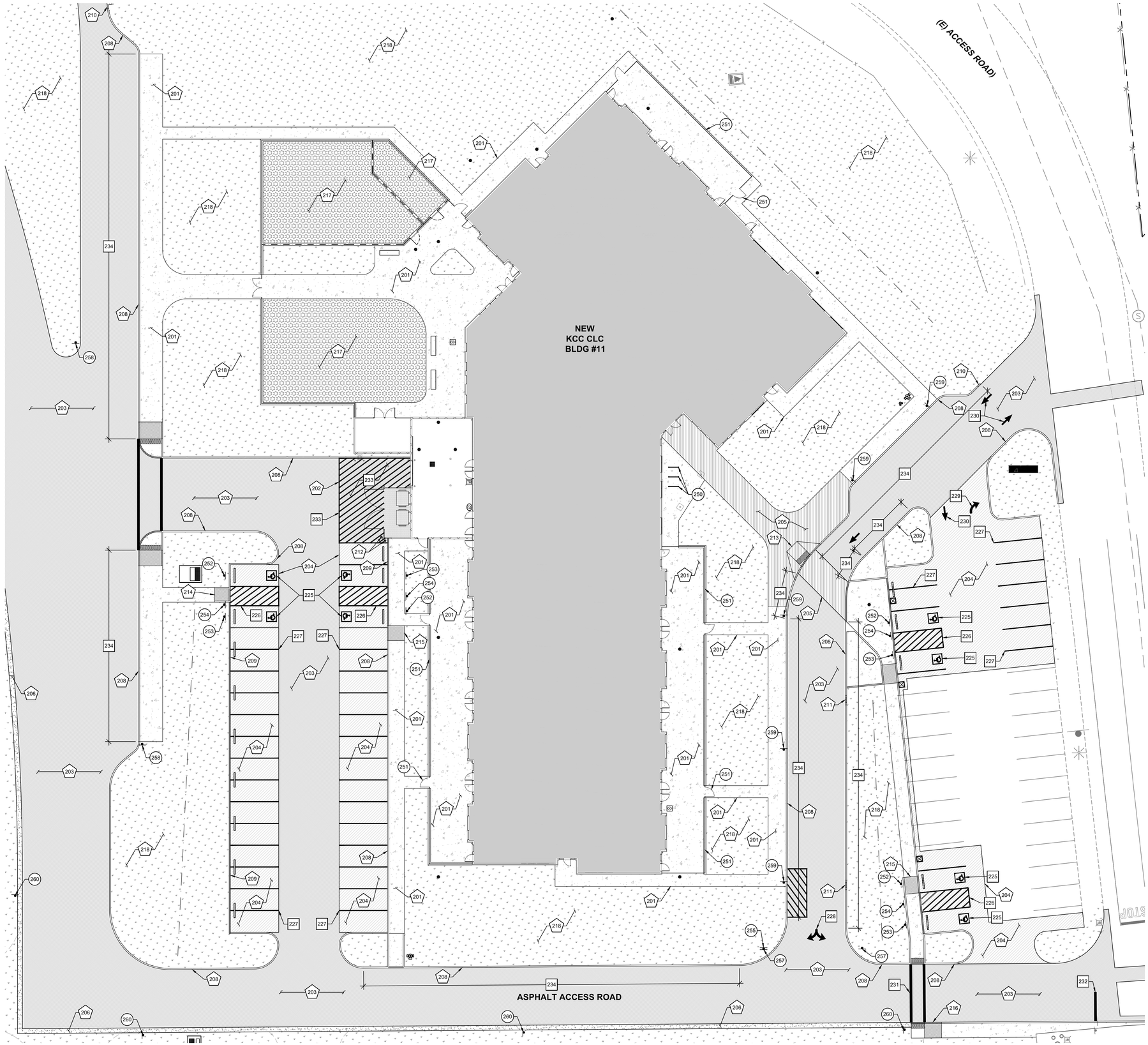

LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING - REINFORCED
- CONCRETE PAVING - SNOWMELT
- CONCRETE PAVING - STANDARD
- ASPHALT PAVING - HEAVY DUTY
- ASPHALT PAVING - STANDARD DUTY
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL SHOULDER REPAIR
- FENCING
- CURB

SYMBOLS:

- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE
- SIGN
- SIGN

SITE CONSTRUCTION NOTES:

GENERAL SITE CONSTRUCTION NOTES:

REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOT ALL NOTES APPEAR ON EACH SHEET.

PAVING AND SURFACING NOTES:

201. STANDARD CONCRETE PAVING PER 1/C500.
202. REINFORCED CONCRETE PAVING PER 2/C500.
203. ASPHALT PAVING PER 3/C500.
204. HEAVY DUTY ASPHALT PAVING PER 4/C500.
205. CONCRETE SIDEWALK WITH SNOWMELT PER 13/C501 AND MECHANICAL PLANS.
206. GRAVEL PAVING PER 5/C500.
207. GRAVEL ROADWAY SHOULDER REPAIR PER 6/C500.
208. STANDARD CURB PER 9/C501.
209. FLUSH CURB PER 10/C501.
210. TRANSITION CURB FROM FLUSH TO FULL HEIGHT OVER 18".
211. CURB CUT PER 11/C501.
212. BOLLARD PER 12/C501.
213. CURB RAMP PER ODOT RD910/C602 FIGURE 'PERPENDICULAR'.
214. CURB RAMP PER ODOT RD910/C602 FIGURE 'PERPENDICULAR THROUGH BUFFER STRIP'.
215. CURB RAMP SIMILAR TO ODOT RD920/C602 FIGURE 'PARALLEL'.
216. CURB RAMP PER ODOT RD950/C602.
217. PLAYGROUND SURFACING PER LANDSCAPE PLANS.
218. LANDSCAPE PER LANDSCAPE PLANS.

PAVEMENT MARKING NOTES:

225. ACCESSIBLE PARKING STALL PER 8/C500.
226. ACCESSIBLE PARKING ACCESS AISLE PER 8/C500.
227. 4" WIDE SOLID WHITE STRIPING, ANGLED AS SHOWN, TYPICAL.
228. TURN ARROW PER FIGURE 'RALA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
229. TURN ARROW PER FIGURE 'RA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
230. DIRECTIONAL ARROW PER FIGURE 'SA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
231. STANDARD CROSSWALK PER FIGURE 'CW' ON TM503/C603.
232. STOP BAR PER FIGURE 'S' ON TM503/C603.
233. 4" SOLID YELLOW STRIPING ANGLED AT 30° FROM PARALLEL, SPACED AT 2' ON CENTER WITH PERIMETER AS SHOWN.
234. PAINT CURB SOLID RED WITH 'NO PARKING - FIRE LANE' TEXT SPACED 50' ON CENTER.

FENCING, SIGNAGE, AND FIXTURE NOTES:

250. BICYCLE PARKING PER LANDSCAPE PLANS.
251. FENCING AND GATES PER ARCHITECTURAL PLANS, TYPICAL.
252. STANDARD ACCESSIBLE PARKING SIGN ASSEMBLY PER 8/C500.
253. VAN ACCESSIBLE PARKING SIGN ASSEMBLY PER 8/C500.
254. ACCESSIBLE PARKING ACCESS AISLE SIGN ASSEMBLY PER 8/C500.
255. 'STOP' SIGN PER MUTCD R1-1, SIZE 24"x24". SIGN POST AND BASE PER 7/C500.
256. 'YIELD' SIGN PER MUTCD R1-2. SIZE 24"x24"x24". SIGN POST AND BASE PER 7/C500.
257. 'DO NOT ENTER' SIGN PER MUTCD R5-1. SIZE 24"x24". SIGN POST AND BASE PER 7/C500.
258. 'NO STUDENT DROP-OFF OR PICKUP BUSES ONLY' OR SIMILAR SIGN. SIZE 12"x18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 7/C500.
259. 'PICK-UP AND DROP-OFF ONLY NO PARKING' OR SIMILAR SIGN. SIZE 12"X18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 7/C500.
260. 'NO PARKING BETWEEN SIGNS' OR SIMILAR SIGN. SIZE 12"X18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 7/C500.

20 0 10 20 40

1 IN = 20 FT

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FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

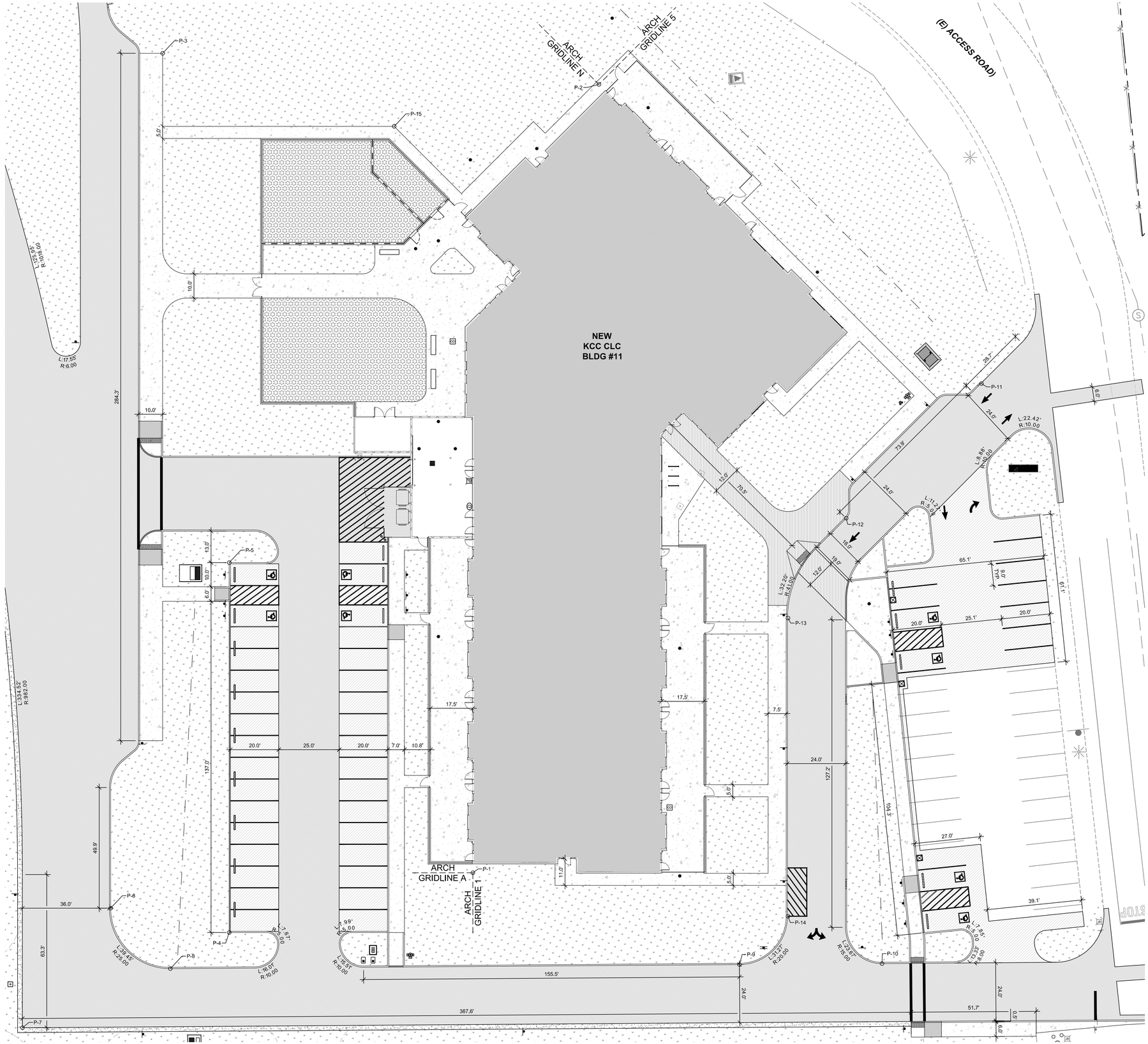
CLC SITE CONSTRUCTION PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C201



HORIZONTAL CONTROL NOTES:

GENERAL HORIZONTAL CONTROL NOTES:
NOT ALL HORIZONTAL CONTROL POINTS APPEAR ON EACH SHEET.

HORIZONTAL CONTROL POINT TABLE

POINT #	NORTHING	EASTING
1	162482.703	275726.229
2	162808.791	275778.371
3	162821.648	275597.915
4	162457.990	275625.437
5	162610.990	275625.437
6	162468.055	275576.415
7	162418.621	275539.915
8	162443.056	275601.093
9	162444.729	275836.496
10	162445.149	275895.461
11	162685.060	275936.597
12	162629.355	275880.658
13	162588.068	275856.588
14	162464.729	275856.588
15	162791.424	275693.684
16	162810.050	275483.485
17	162928.788	275512.842
18	162975.939	275532.546
19	163033.677	275581.380
20	163081.401	275577.249

20 0 10 20 40
1 IN = 20 FT

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FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

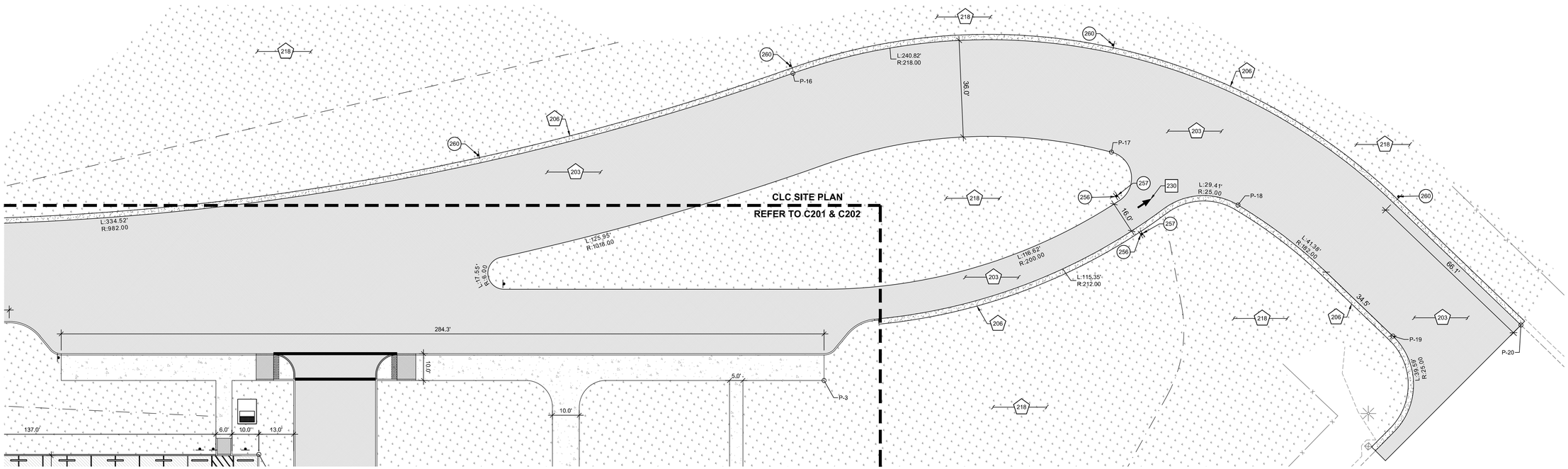
ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:
CLC DIMENSIONING & HORIZONTAL CONTROL PLAN

REVISIONS:
DESCRP. DATE

ISSUE DATE: 08.01.2025

C202



1 C203 **SITE AND DIMENSIONING PLAN - WEST ACCESS ROAD**

1"=20'

20 0 10 20 40

1 IN = 20 FT

LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING - REINFORCED
- CONCRETE PAVING - SNOWMELT
- CONCRETE PAVING - STANDARD
- ASPHALT PAVING - HEAVY DUTY
- ASPHALT PAVING - STANDARD DUTY
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL SHOULDER REPAIR
- FENCING
- CURB

SYMBOLS:

- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE
- SIGN
- SIGN

SITE CONSTRUCTION NOTES:

GENERAL SITE CONSTRUCTION NOTES:

REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOT ALL NOTES APPEAR ON EACH SHEET.

PAVING AND SURFACING NOTES:

201. STANDARD CONCRETE PAVING PER 1/C500.
202. REINFORCED CONCRETE PAVING PER 2/C500.
203. ASPHALT PAVING PER 3/C500.
204. HEAVY DUTY ASPHALT PAVING PER 4/C500.
205. CONCRETE SIDEWALK WITH SNOWMELT PER 13/C501 AND MECHANICAL PLANS.
206. GRAVEL PAVING PER 5/C500.
207. GRAVEL ROADWAY SHOULDER REPAIR PER 6/C500.
208. STANDARD CURB PER 9/C501.
209. FLUSH CURB PER 10/C501.
210. TRANSITION CURB FROM FLUSH TO FULL HEIGHT OVER 18".
211. CURB CUT PER 11/C501.
212. BOLLARD PER 12/C501.
213. CURB RAMP PER ODOT RD910/C602 FIGURE 'PERPENDICULAR'.
214. CURB RAMP PER ODOT RD910/C602 FIGURE 'PERPENDICULAR THROUGH BUFFER STRIP'.
215. CURB RAMP SIMILAR TO ODOT RD920/C602 FIGURE 'PARALLEL'.
216. CURB RAMP PER ODOT RD950/C602.
217. PLAYGROUND SURFACING PER LANDSCAPE PLANS.
218. LANDSCAPE PER LANDSCAPE PLANS.

PAVEMENT MARKING NOTES:

225. ACCESSIBLE PARKING STALL PER 8/C500.
226. ACCESSIBLE PARKING ACCESS AISLE PER 8/C500.
227. 4" WIDE SOLID WHITE STRIPING, ANGLED AS SHOWN, TYPICAL.
228. TURN ARROW PER FIGURE 'RALA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
229. TURN ARROW PER FIGURE 'RA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
230. DIRECTIONAL ARROW PER FIGURE 'SA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
231. STANDARD CROSSWALK PER FIGURE 'CW' ON TM503/C603.
232. STOP BAR PER FIGURE 'S' ON TM503/C603.
233. 4" SOLID YELLOW STRIPING ANGLED AT 30° FROM PARALLEL, SPACED AT 2' ON CENTER WITH PERIMETER AS SHOWN.
234. PAINT CURB SOLID RED WITH 'NO PARKING - FIRE LANE' TEXT SPACED 50' ON CENTER.

FENCING, SIGNAGE, AND FIXTURE NOTES:

250. BICYCLE PARKING PER LANDSCAPE PLANS.
251. FENCING AND GATES PER ARCHITECTURAL PLANS, TYPICAL.
252. STANDARD ACCESSIBLE PARKING SIGN ASSEMBLY PER 8/C500.
253. VAN ACCESSIBLE PARKING SIGN ASSEMBLY PER 8/C500.
254. ACCESSIBLE PARKING ACCESS AISLE SIGN ASSEMBLY PER 8/C500.
255. 'STOP' SIGN PER MUTCD R1-1, SIZE 24"x24". SIGN POST AND BASE PER 7/C500.
256. 'YIELD' SIGN PER MUTCD R1-2. SIZE 24"x24"x24". SIGN POST AND BASE PER 7/C500.
257. 'DO NOT ENTER' SIGN PER MUTCD R5-1. SIZE 24"x24". SIGN POST AND BASE PER 7/C500.
258. 'NO STUDENT DROP-OFF OR PICKUP BUSES ONLY' OR SIMILAR SIGN. SIZE 12"x18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 7/C500.
259. 'PICK-UP AND DROP-OFF ONLY NO PARKING' OR SIMILAR SIGN. SIZE 12"X18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 7/C500.
260. 'NO PARKING BETWEEN SIGNS' OR SIMILAR SIGN. SIZE 12"X18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 7/C500.

HORIZONTAL CONTROL NOTES:

GENERAL HORIZONTAL CONTROL NOTES:

NOT ALL HORIZONTAL CONTROL POINTS APPEAR ON EACH SHEET.

HORIZONTAL CONTROL POINT TABLE

POINT #	NORTHING	EASTING
1	162482.703	275726.229
2	162808.791	275778.371
3	162821.648	275597.915
4	162457.990	275625.437
5	162610.990	275625.437
6	162468.055	275576.415
7	162418.621	275539.915
8	162443.056	275601.093
9	162444.729	275836.496
10	162445.149	275895.461
11	162685.060	275936.597
12	162629.355	275880.658
13	162588.068	275856.588
14	162464.729	275856.588
15	162791.424	275693.684
16	162810.050	275483.485
17	162928.788	275512.842
18	162975.939	275532.546
19	163033.677	275581.380
20	163081.401	275577.249

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FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-8381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

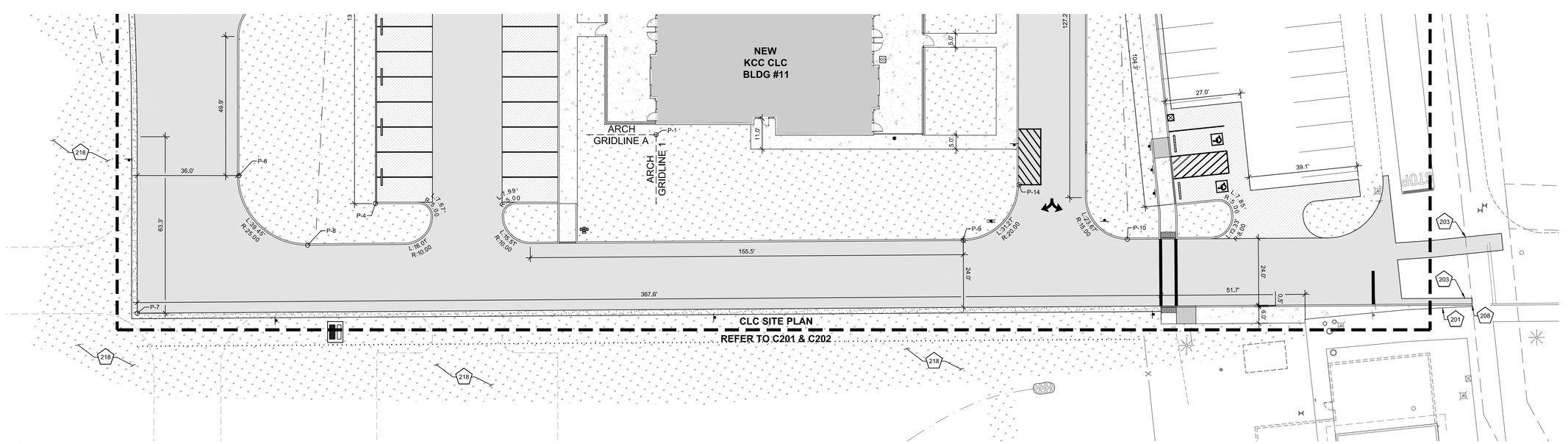
SHEET TITLE:
ACCESS ROAD CONSTRUCTION AND DIMENSIONING PLAN - WEST

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C203



1 C204 **SITE AND DIMENSIONING PLAN - SOUTH ACCESS ROAD**

1"=20'

20 0 10 20 40

1 IN = 20 FT

LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING - REINFORCED
- CONCRETE PAVING - SNOWMELT
- CONCRETE PAVING - STANDARD
- ASPHALT PAVING - HEAVY DUTY
- ASPHALT PAVING - STANDARD DUTY
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL SHOULDER REPAIR
- FENCING
- CURB

SYMBOLS:

- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE
- SIGN
- SIGN

SITE CONSTRUCTION NOTES:

GENERAL SITE CONSTRUCTION NOTES:

REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOT ALL NOTES APPEAR ON EACH SHEET.

PAVING AND SURFACING NOTES:

201. STANDARD CONCRETE PAVING PER 1/C500.
202. REINFORCED CONCRETE PAVING PER 2/C500.
203. ASPHALT PAVING PER 3/C500.
204. HEAVY DUTY ASPHALT PAVING PER 4/C500.
205. CONCRETE SIDEWALK WITH SNOWMELT PER 13/C501 AND MECHANICAL PLANS.
206. GRAVEL PAVING PER 5/C500.
207. GRAVEL ROADWAY SHOULDER REPAIR PER 6/C500.
208. STANDARD CURB PER 9/C501.
209. FLUSH CURB PER 10/C501.
210. TRANSITION CURB FROM FLUSH TO FULL HEIGHT OVER 18".
211. CURB CUT PER 11/C501.
212. BOLLARD PER 12/C501.
213. CURB RAMP PER ODOT RD910/C602 FIGURE 'PERPENDICULAR'.
214. CURB RAMP PER ODOT RD910/C602 FIGURE 'PERPENDICULAR THROUGH BUFFER STRIP'.
215. CURB RAMP SIMILAR TO ODOT RD920/C602 FIGURE 'PARALLEL'.
216. CURB RAMP PER ODOT RD950/C602.
217. PLAYGROUND SURFACING PER LANDSCAPE PLANS.
218. LANDSCAPE PER LANDSCAPE PLANS.

PAVEMENT MARKING NOTES:

225. ACCESSIBLE PARKING STALL PER 8/C500.
226. ACCESSIBLE PARKING ACCESS AISLE PER 8/C500.
227. 4" WIDE SOLID WHITE STRIPING, ANGLED AS SHOWN, TYPICAL.
228. TURN ARROW PER FIGURE 'RALA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
229. TURN ARROW PER FIGURE 'RA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
230. DIRECTIONAL ARROW PER FIGURE 'SA' ON TM501/C603. DIRECTION AS INDICATED ON PLAN.
231. STANDARD CROSSWALK PER FIGURE 'CW' ON TM503/C603.
232. STOP BAR PER FIGURE 'S' ON TM503/C603.
233. 4" SOLID YELLOW STRIPING ANGLED AT 30° FROM PARALLEL, SPACED AT 2' ON CENTER WITH PERIMETER AS SHOWN.
234. PAINT CURB SOLID RED WITH 'NO PARKING - FIRE LANE' TEXT SPACED 50' ON CENTER.

FENCING, SIGNAGE, AND FIXTURE NOTES:

250. BICYCLE PARKING PER LANDSCAPE PLANS.
251. FENCING AND GATES PER ARCHITECTURAL PLANS, TYPICAL.
252. STANDARD ACCESSIBLE PARKING SIGN ASSEMBLY PER 8/C500.
253. VAN ACCESSIBLE PARKING SIGN ASSEMBLY PER 8/C500.
254. ACCESSIBLE PARKING ACCESS AISLE SIGN ASSEMBLY PER 8/C500.
255. 'STOP' SIGN PER MUTCD R1-1, SIZE 24"x24". SIGN POST AND BASE PER 7/C500.
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15	162791.424	275693.684
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19	163033.677	275581.380
20	163081.401	275577.249

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FROM FILE: SCALE OF

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

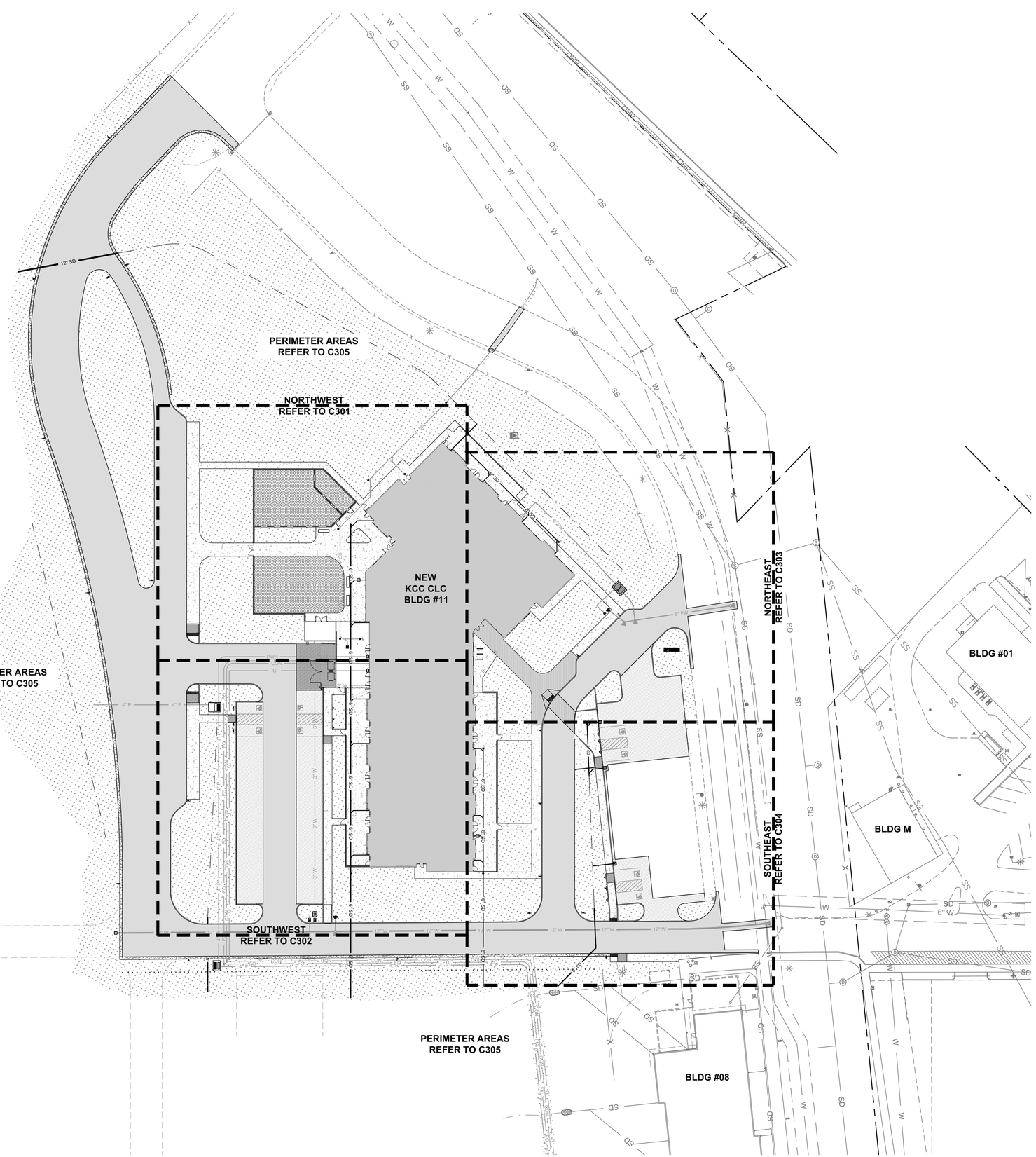
ACCESS ROAD CONSTRUCTION AND DIMENSIONING PLAN - SOUTH

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C204



LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING
- CONCRETE PAVING - SNOWMELT
- ASPHALT PAVING
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL PAVING
- FENCING
- CURB
- STORM SEWER
- GRADE BREAK
- (E) SURFACE CONTOUR - MAJOR
- (E) SURFACE CONTOUR - MINOR
- SURFACE CONTOUR - MAJOR
- SURFACE CONTOUR - MINOR
- SANITARY SEWER
- WATER - POTABLE (Ø VARIES)
- WATER - FIRE (Ø VARIES)
- CAMPUS DATA LINE
- FIBER
- TELEVISION
- COMMUNICATIONS
- POWER
- GAS

SYMBOLS:

- BACK WATER VALVE
- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE
- FIRE WATER VAULT
- WATER BOX
- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- POWER METER
- CLEANOUT TO GRADE
- GREASE INTERCEPTOR
- SANITARY SEWER MANHOLE
- GAS METER

40 0 20 40 80

1 IN = 40 FT

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OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

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KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

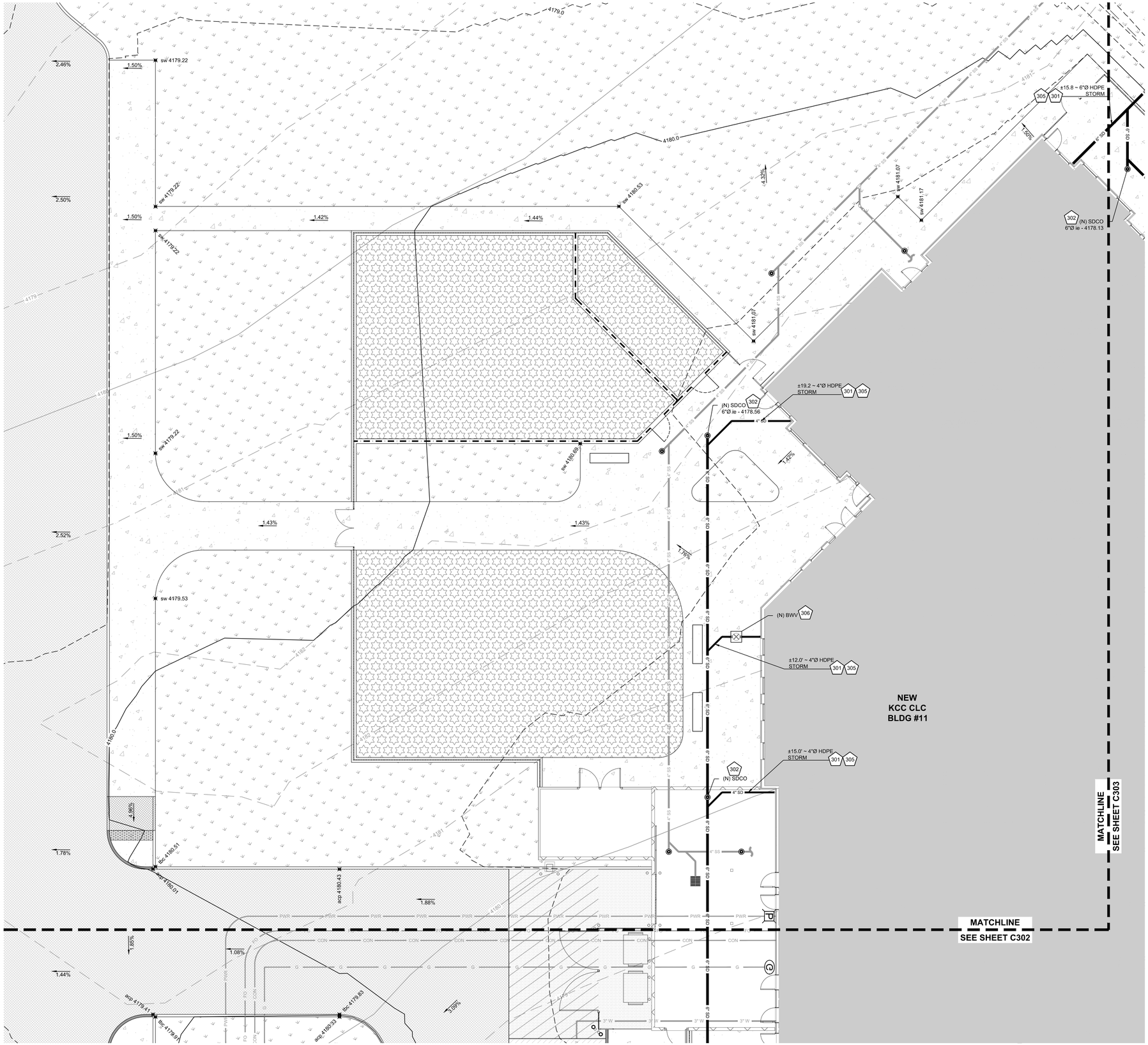
GRADING AND DRAINAGE SITE KEY

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C300



LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING
- CONCRETE PAVING - SNOWMELT
- ASPHALT PAVING
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL PAVING
- FENCING
- CURB
- STORM SEWER
- GRADE BREAK
- (E) SURFACE CONTOUR - MAJOR
- (E) SURFACE CONTOUR - MINOR
- SURFACE CONTOUR - MAJOR
- SURFACE CONTOUR - MINOR
- SANITARY SEWER
- WATER - POTABLE (Ø VARIES)
- WATER - FIRE (Ø VARIES)
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- FIBER
- TELEVISION
- COMMUNICATIONS
- POWER
- GAS

SYMBOLS:

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- BICYCLE PARKING SPACE
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- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- POWER METER
- CLEANOUT TO GRADE
- GREASE INTERCEPTOR
- SANITARY SEWER MANHOLE
- GAS METER

GRADING & DRAINAGE NOTES:

GENERAL GRADING & DRAINAGE NOTES:

REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOT ALL NOTES APPEAR ON EACH SHEET.

NOTES:

301. STORM PIPE IN TRENCH PER 19/C502. MATERIAL AS NOTED ON PLAN: HDPE - DUAL WALL CORRUGATED HDPE
302. CLEANOUT RISER TO GRADE PER 14/C501.
303. 24" CATCH BASIN PER 15/C501.
304. MITERED DRAIN END CAP AND RIPRAP DISCHARGE TO POND PER 16/C501.
305. DOWNSPOUT BOOT AND CONNECTION PER 17/C501.
306. FOUNDATION DRAIN BACKFLOW DEVICE PER 21/C502. FOUNDATION DRAIN PER STRUCTURAL PLANS.
307. GRASSY CONVEYANCE CHANNEL PER GRADES SHOWN ON PLAN. SURFACING PER LANDSCAPE PLANS.

10 0 5 10 20

1 IN = 10 FT

FROM FILE:

PRINTED ON: SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

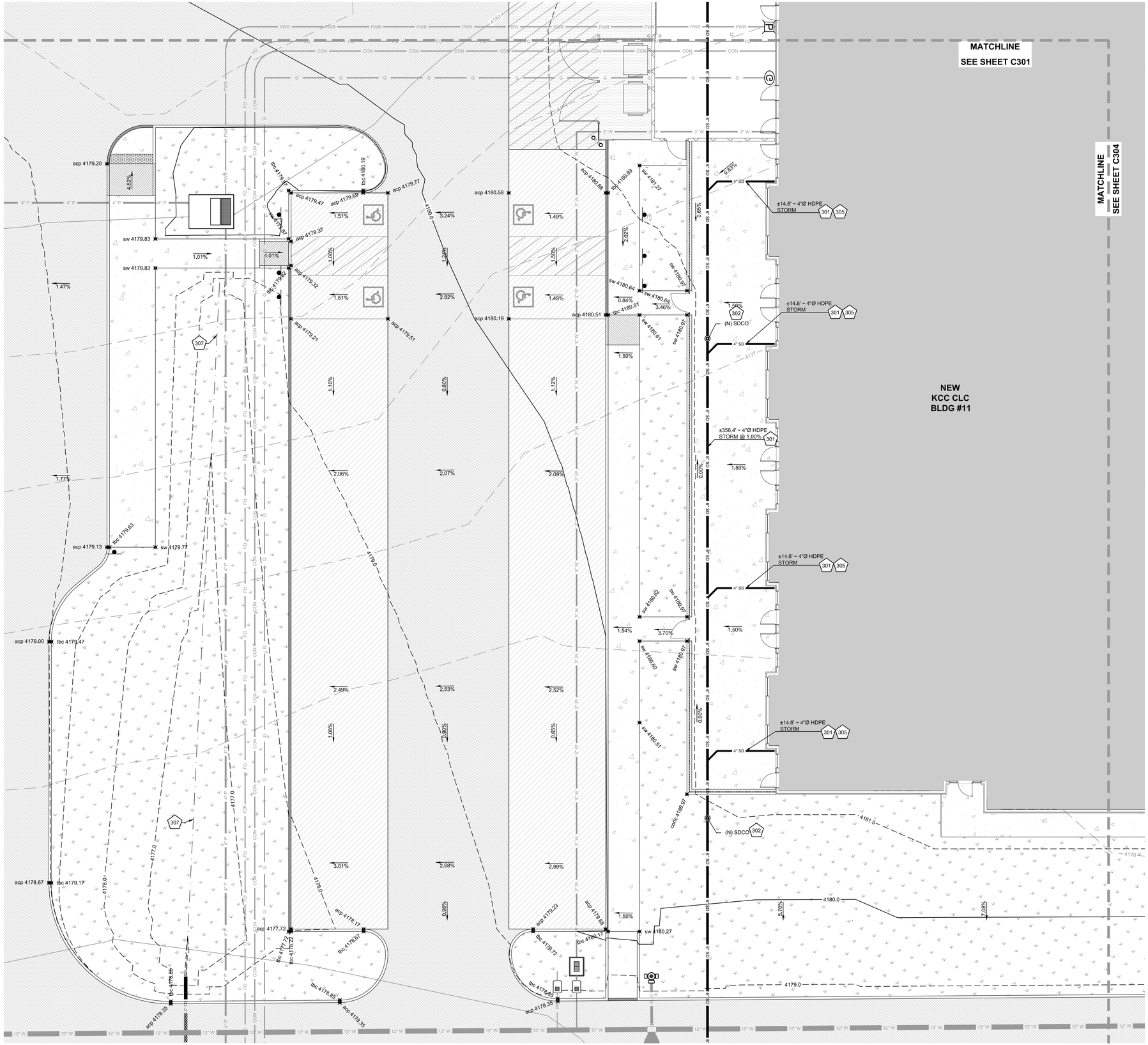
NW GRADING AND DRAINAGE PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C301



LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING
- CONCRETE PAVING - SNOWMELT
- ASPHALT PAVING
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL PAVING
- FENCING
- CURB
- STORM SEWER
- GRADE BREAK
- (E) SURFACE CONTOUR - MAJOR
- (E) SURFACE CONTOUR - MINOR
- SURFACE CONTOUR - MAJOR
- SURFACE CONTOUR - MINOR
- SANITARY SEWER
- WATER - POTABLE (Ø VARIES)
- WATER - FIRE (Ø VARIES)
- CAMPUS DATA LINE
- FIBER
- TELEVISION
- COMMUNICATIONS
- POWER
- GAS

SYMBOLS:

- BACK WATER VALVE
- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE
- FIRE WATER VAULT
- WATER BOX
- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- POWER METER
- CLEANOUT TO GRADE
- GREASE INTERCEPTOR
- SANITARY SEWER MANHOLE
- GAS METER

GRADING & DRAINAGE NOTES:

GENERAL GRADING & DRAINAGE NOTES:

REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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NOTES:

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307. GRASSY CONVEYANCE CHANNEL PER GRADES SHOWN ON PLAN. SURFACING PER LANDSCAPE PLANS.

10 0 5 10 20

1 IN = 10 FT

FROM FILE:

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PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

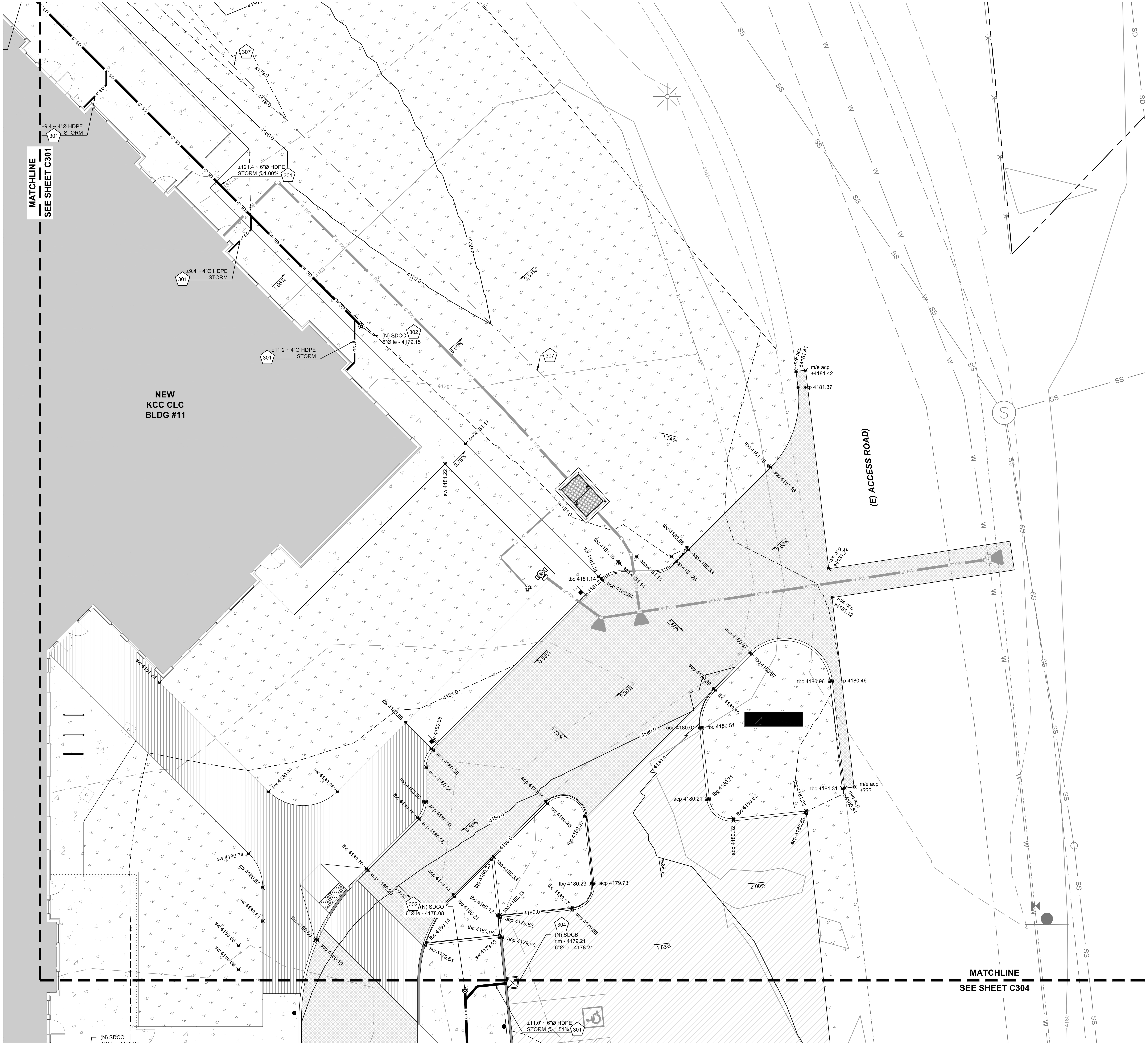
SW GRADING AND DRAINAGE PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C302



LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING
- CONCRETE PAVING - SNOWMELT
- ASPHALT PAVING
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL PAVING
- FENCING
- CURB
- STORM SEWER
- GRADE BREAK
- (E) SURFACE CONTOUR - MAJOR
- (E) SURFACE CONTOUR - MINOR
- SURFACE CONTOUR - MAJOR
- SURFACE CONTOUR - MINOR
- SANITARY SEWER
- WATER - POTABLE (Ø VARIES)
- WATER - FIRE (Ø VARIES)
- CAMPUS DATA LINE
- FIBER
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- POWER
- GAS

SYMBOLS:

- BACK WATER VALVE
- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
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- BICYCLE PARKING SPACE
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- WATER BOX
- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- POWER METER
- CLEANOUT TO GRADE
- GREASE INTERCEPTOR
- SANITARY SEWER MANHOLE
- GAS METER

GRADING & DRAINAGE NOTES:

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

NOT ALL NOTES APPEAR ON EACH SHEET.

NOTES:

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10 0 5 10 20
1 IN = 10 FT

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
Zachary Stokes
EXPIRES: 06-30-26

ZCS

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KLAMATH COMMUNITY COLLEGE
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ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST. KLAMATH FALLS, OR 97603

SHEET TITLE:

NE GRADING AND DRAINAGE PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C303

PRINTED ON:
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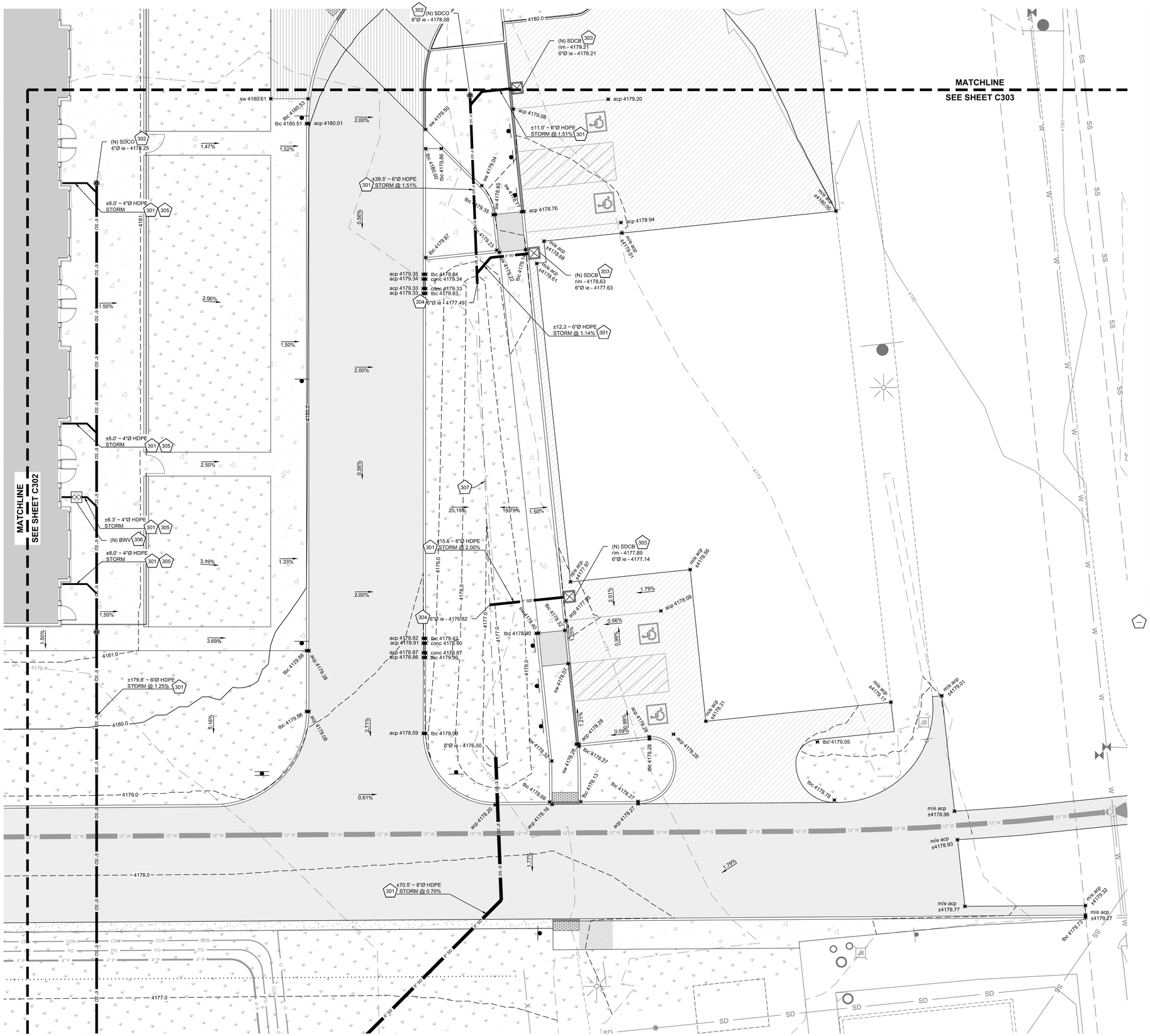

LEGEND

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10 0 5 10 20

1 IN = 10 FT

FROM FILE:

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OREGON
DIGITAL SIGNATURE
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EXPIRES: 06-30-26

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KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

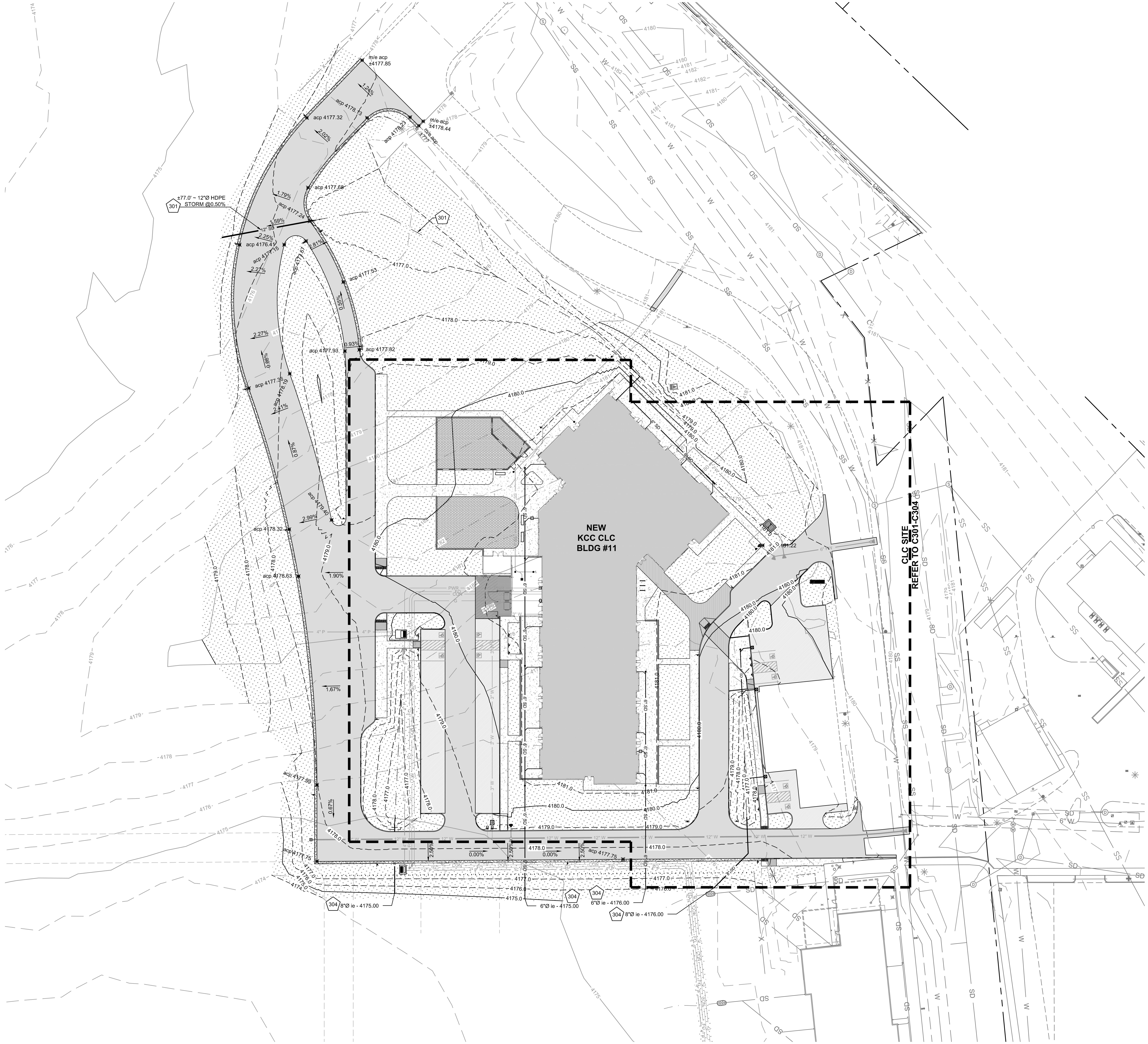
SE GRADING AND DRAINAGE PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C304



LEGEND

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- CONCRETE PAVING - SNOWMELT
- ASPHALT PAVING
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- RIPRAP
- GRAVEL PAVING
- FENCING
- CURB
- STORM SEWER
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- (E) SURFACE CONTOUR - MAJOR
- (E) SURFACE CONTOUR - MINOR
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- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE
- FIRE WATER VAULT
- WATER BOX
- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- POWER METER
- CLEANOUT TO GRADE
- GREASE INTERCEPTOR
- SANITARY SEWER MANHOLE
- GAS METER

GRADING & DRAINAGE NOTES:

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

NOT ALL NOTES APPEAR ON EACH SHEET.

NOTES:

301. STORM PIPE IN TRENCH PER 19/C502. MATERIAL AS NOTED ON PLAN:
HDPE - DUAL WALL CORRUGATED HDPE
302. CLEANOUT RISER TO GRADE PER 14/C501.
303. 24" CATCH BASIN PER 15/C501.
304. MITERED DRAIN END CAP AND RIPRAP DISCHARGE TO POND PER 16/C501.
305. DOWNSPOUT BOOT AND CONNECTION PER 17/C501.
306. FOUNDATION DRAIN BACKFLOW DEVICE PER 21/C502. FOUNDATION DRAIN PER STRUCTURAL PLANS.
307. GRASSY CONVEYANCE CHANNEL PER GRADES SHOWN ON PLAN. SURFACING PER LANDSCAPE PLANS.

40 0 20 40 80
1 IN = 40 FT

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST. KLAMATH FALLS, OR 97603

SHEET TITLE:

ACCESS ROAD AND OUTER SITE GRADING & DRAINAGE PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C305

PRINTED ON:
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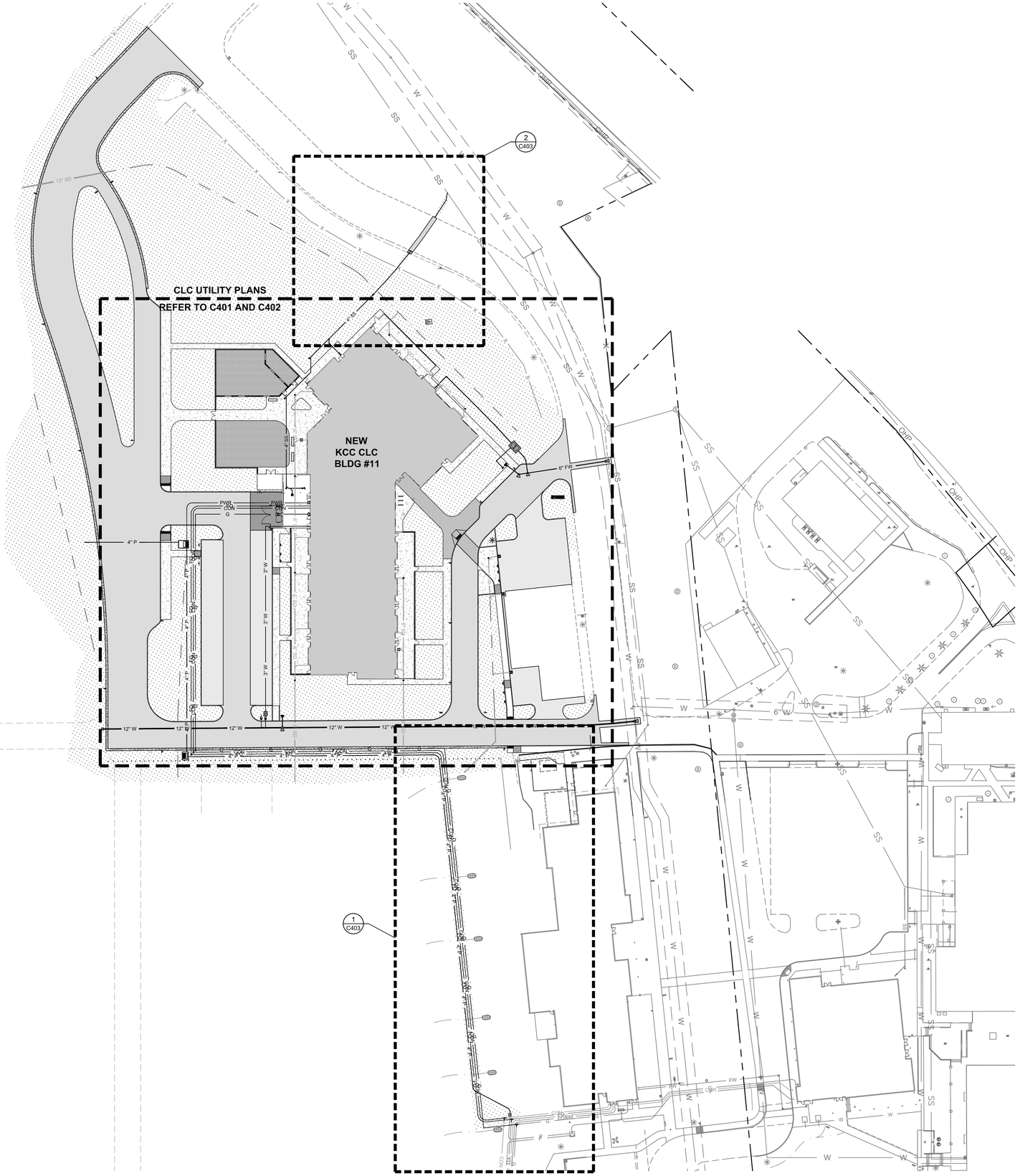


LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING
- CONCRETE PAVING - SNOWMELT
- ASPHALT PAVING
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL PAVING
- FENCING
- CURB
- SANITARY SEWER
- WATER - POTABLE (Ø VARIES)
- WATER - FIRE (Ø VARIES)
- CAMPUS DATA LINE
- FIBER
- TELEVISION
- COMMUNICATIONS
- POWER
- GAS
- STORM SEWER - SEE C300 SERIES

SYMBOLS:

- FIRE WATER VAULT
- WATER BOX
- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- CLEANOUT TO GRADE
- GREASE INTERCEPTOR
- SANITARY SEWER MANHOLE
- GAS METER
- POWER METER
- BACK WATER VALVE - SEE C300 SERIES
- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE

50 0 25 50 100

1 IN = 50 FT

PRINTED ON:
SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED

FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

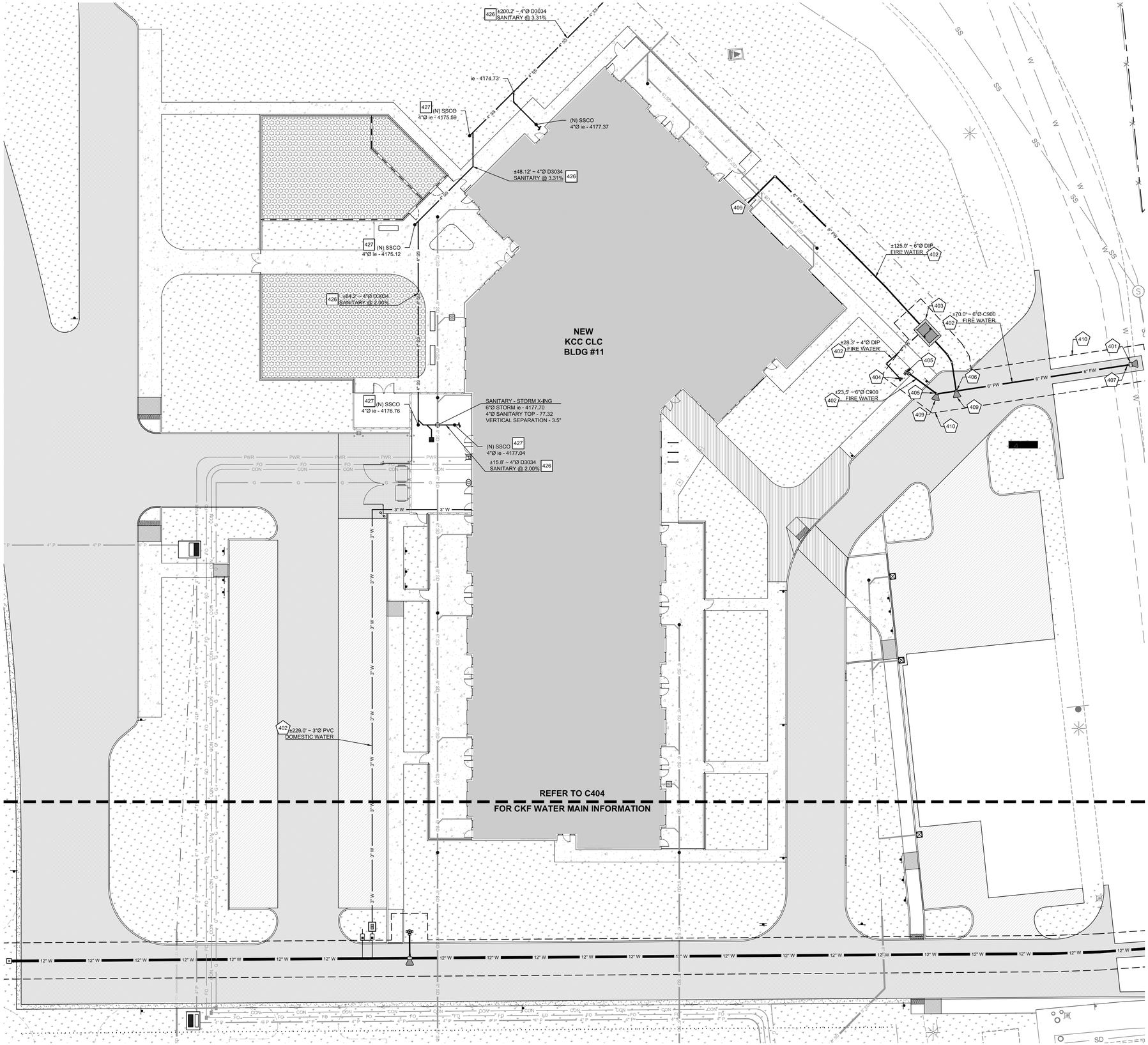
UTILITY SITE KEY

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C400



LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING
- CONCRETE PAVING - SNOWMELT
- ASPHALT PAVING
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL PAVING
- FENCING
- CURB
- 6" SS — SANITARY SEWER
- 2" W — WATER - POTABLE (Ø VARIES)
- 6" FW — WATER - FIRE (Ø VARIES)
- CON — CAMPUS DATA LINE
- FO — FIBER
- CTV — TELEVISION
- TEL — COMMUNICATIONS
- P — POWER
- G — GAS
- 6" SD — STORM SEWER - SEE C300 SERIES

SYMBOLS:

- FIRE WATER VAULT
- WATER BOX
- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- CLEANOUT TO GRADE
- GREASE INTERCEPTOR
- SANITARY SEWER MANHOLE
- GAS METER
- POWER METER
- BACK WATER VALVE - SEE C300 SERIES
- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE

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 WATER LINES AND FITTINGS 4"Ø AND LARGER SHALL BE FULLY RESTRAINED PER 20/C502 OR SHALL HAVE THRUST BLOCKS PER CKF 2-120.

NOT ALL NOTES APPEAR ON EACH SHEET.

WATER NOTES:

401. 6"Ø CONNECTION TO EXISTING 12"Ø PVC WATER MAIN USING 'ROMAC SST TAPPING SLEEVE' (OR APPROVED EQUAL). PROVIDE THRUST BLOCKING PER CKF 2-120/C600.
402. WATER LINE IN TRENCH PER 2-105/C600. MATERIAL AS NOTED ON PLAN:
    - C900 - BLUE C900 DR18
    - DIP - CLASS 50 DUCTILE IRON
    - PVC - SCHEDULE 40 PVC
403. 6"Ø 'FEBCO' 'LF850' DCDA IN VAULT PER 22/C502.
404. PRIVATE FIRE DEPARTMENT CONNECTION (FDC) PER 22/C502.
405. FIRE HYDRANT ASSEMBLY PER CKF 7-110/C601.
406. 6"Ø MJxFL TEE SIMILAR TO CKF 7-110/C601.
407. 6"Ø MJ GATE VALVE IN BOX SIMILAR TO CKF 7-110/C601.
408. PROVIDE THRUST BLOCKING PER CKF 2-120/C600 OR FULLY RESTRAIN PER 20/C502.
409. LOCATION OF FIRE RISER ROOM. VERIFY WITH ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.
410. 15' WIDE PERMANENT EASEMENT BENEFITING THE CITY OF KLAMATH FALLS.

SANITARY SEWER NOTES:

425. CONNECT TO EXISTING PUBLIC SANITARY SEWER MAIN USING A PREFABRICATED 8" x 4" CUT-IN WYE AND 'FERNCO' 'STRONGBACK 1000' PVC-PVC COUPLERS. CONTRACTOR SHALL POTHOLE TO VERIFY SIZE AND ALIGNMENT PRIOR TO ORDERING MATERIALS. REPORT TO ENGINEER FOR DIRECTION IN CASE OF FIELD DISCREPANCIES.
426. SEWER LINE IN TRENCH PER 19/C502. MATERIAL AS NOTED ON PLAN.
    - D3034 - GREEN ASTM D3034 SDR 35
427. CLEANOUT RISER TO GRADE PER 14/C501.
428. GREASE INTERCEPTOR PER PLUMBING PLANS.

20 0 10 20 40

1 IN = 20 FT

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FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER — DIGITAL SIGNATURE — Zachary Stokes — EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

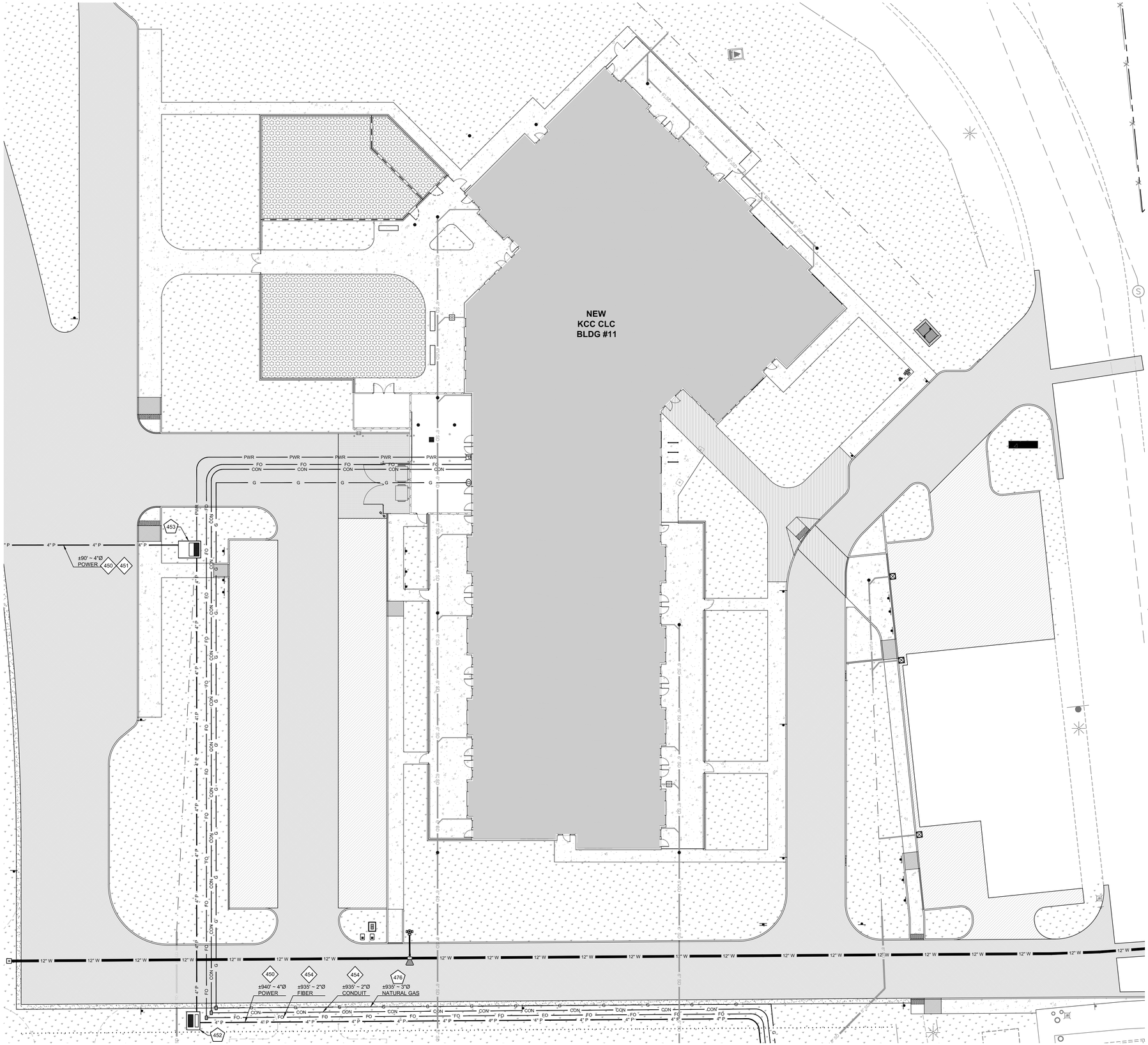
CLC WATER AND SEWER UTILITIES PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C401



LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING
- CONCRETE PAVING - SNOWMELT
- ASPHALT PAVING
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL PAVING
- FENCING
- CURB
- SANITARY SEWER
- WATER - POTABLE (Ø VARIES)
- WATER - FIRE (Ø VARIES)
- CAMPUS DATA LINE
- FIBER
- POWER
- GAS
- STORM SEWER - SEE C300 SERIES

SYMBOLS:

- FIRE WATER VAULT
- WATER BOX
- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- CLEANOUT TO GRADE
- GREASE INTERCEPTOR
- SANITARY SEWER MANHOLE
- GAS METER
- POWER METER
- BACK WATER VALVE - SEE C300 SERIES
- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE

FRANCHISE UTILITY NOTES:

GENERAL FRANCHISE UTILITY NOTES:

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

UTILITY ALIGNMENTS AND EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE.

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

NOT ALL NOTES APPEAR ON EACH SHEET.

POWER AND DATA/COMMUNICATIONS NOTES:

ELECTRICAL PLANS AND PERMITTING BY OTHERS.

COMMUNICATION/LOW VOLTAGE PLANS AND PERMITTING BY OTHERS.

450. PRIMARY POWER CONDUIT AND PULL STRING IN TRENCH SIMILAR TO 18/C501. COORDINATE WITH PACIFICORP AND DESIGN BUILD ELECTRICAL CONTRACTOR FOR CONNECTION, METER, AND SIZE OF CONDUIT.
451. EXTEND AND CAP POWER CONDUIT FOR FUTURE CONNECTION 10' BEYOND WEST EDGE OF ROADWAY.
452. POWER TRANSFORMER. COORDINATE INSTALLATION WITH PACIFICORP.
453. SECTIONALIZING CABINET. COORDINATE INSTALLATION WITH PACIFICORP.
454. DATA/COMMUNICATIONS CONDUIT AND PULL STRING IN TRENCH PER 18/C501.

GAS NOTES:

GAS PLANS AND PERMITTING BY OTHERS.

REFER TO OFFICIAL AVISTA PLAN FOR GAS SUPPLY SPECIFICATIONS AND REQUIREMENTS.

475. COORDINATE CONNECTION TO EXISTING GAS LINE WITH AVISTA.
476. GAS LINE IN TRENCH PER AGENCY STANDARD. LINE SIZE AND MATERIALS DESIGN BUILD BY CONTRACTOR. COORDINATE WITH AVISTA FOR CONNECTION, METER, AND SIZE OF LINE.

20 0 10 20 40

1 IN = 20 FT

FROM FILE:
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PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST. KLAMATH FALLS, OR 97603

SHEET TITLE:

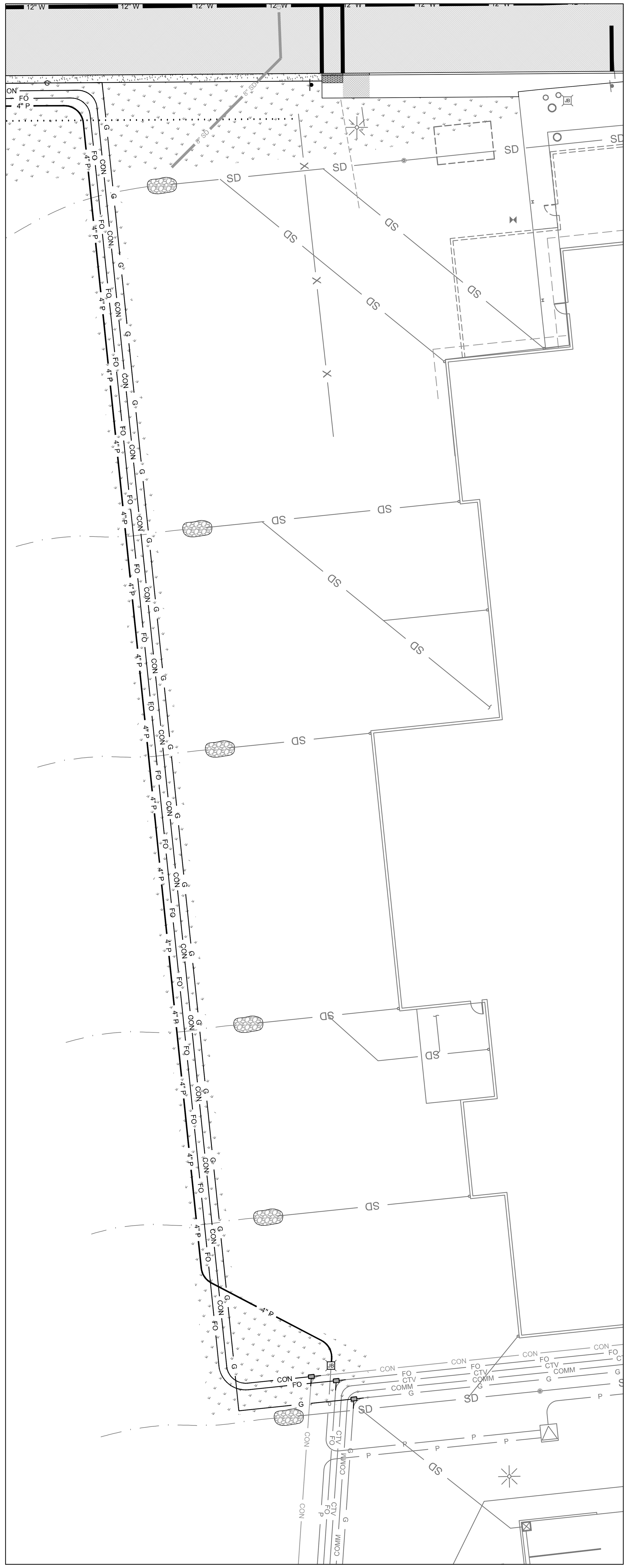
CLC
FRANCHISE
UTILITIES PLAN

REVISIONS:

#	DESCRP.	DATE

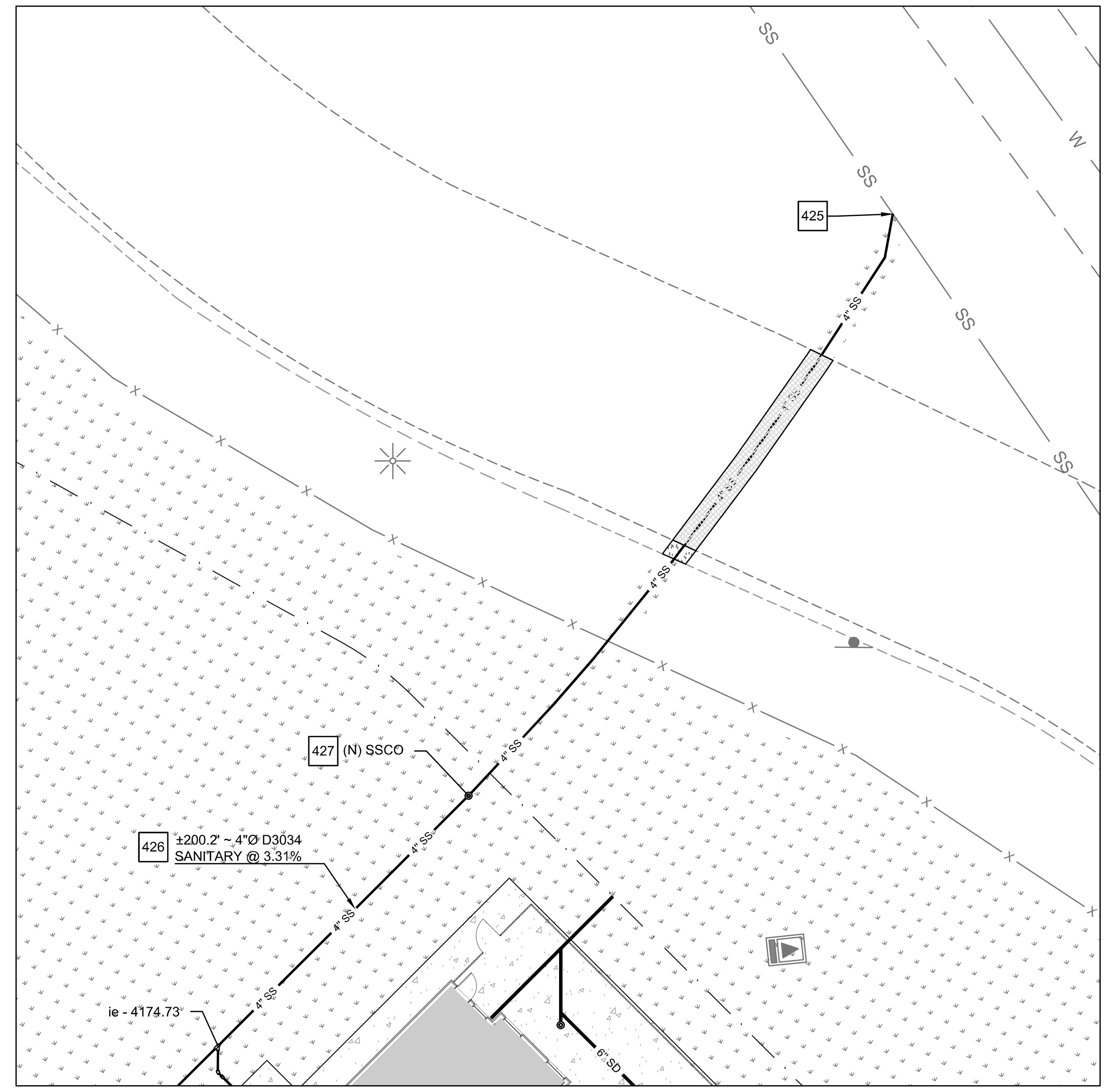
ISSUE DATE: 08.01.2025

C402



1 C403 FRANCHISE UTILITY PLAN - ROUTING FROM BUILDING 10

1"=20'



2 C403 SEWER PLAN - CONNECTION TO EXISTING

1"=20'

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 WATER LINES AND FITTINGS 4"Ø AND LARGER SHALL BE FULLY RESTRAINED PER 20/C502 OR SHALL HAVE THRUST BLOCKS PER CKF 2-120.

NOT ALL NOTES APPEAR ON EACH SHEET.

WATER NOTES:

401. 6"Ø CONNECTION TO EXISTING 12"Ø PVC WATER MAIN USING 'ROMAC SST TAPPING SLEEVE' (OR APPROVED EQUAL). PROVIDE THRUST BLOCKING PER CKF 2-120/C600.
402. WATER LINE IN TRENCH PER 2-105/C600. MATERIAL AS NOTED ON PLAN:
     - C900 - BLUE C900 DR18
     - DIP - CLASS 50 DUCTILE IRON
     - PVC - SCHEDULE 40 PVC
403. 6"Ø 'FEBCO' 'LF850' DCDA IN VAULT PER 22/C502.
404. PRIVATE FIRE DEPARTMENT CONNECTION (FDC) PER 22/C502.
405. FIRE HYDRANT ASSEMBLY PER CKF 7-110/C601.
406. 6"Ø MJxFL TEE SIMILAR TO CKF 7-110/C601.
407. 6"Ø MJ GATE VALVE IN BOX SIMILAR TO CKF 7-110/C601.
408. PROVIDE THRUST BLOCKING PER CKF 2-120/C600 OR FULLY RESTRAIN PER 20/C502.
409. LOCATION OF FIRE RISER ROOM. VERIFY WITH ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.
410. 15' WIDE PERMANENT EASEMENT BENEFITING THE CITY OF KLAMATH FALLS.

SANITARY SEWER NOTES:

425. CONNECT TO EXISTING PUBLIC SANITARY SEWER MAIN USING A PREFABRICATED 8" x 4" CUT-IN WYE AND 'FERNCO' 'STRONGBACK 1000' PVC-PVC COUPLERS. CONTRACTOR SHALL POTHOLE TO VERIFY SIZE AND ALIGNMENT PRIOR TO ORDERING MATERIALS. REPORT TO ENGINEER FOR DIRECTION IN CASE OF FIELD DISCREPANCIES.
426. SEWER LINE IN TRENCH PER 19/C502. MATERIAL AS NOTED ON PLAN.
     - D3034 - GREEN ASTM D3034 SDR 35
427. CLEANOUT RISER TO GRADE PER 14/C501.
428. GREASE INTERCEPTOR PER PLUMBING PLANS.

FRANCHISE UTILITY NOTES:

GENERAL FRANCHISE UTILITY NOTES:

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

UTILITY ALIGNMENTS AND EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE.

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

NOT ALL NOTES APPEAR ON EACH SHEET.

POWER AND DATA/COMMUNICATIONS NOTES:

ELECTRICAL PLANS AND PERMITTING BY OTHERS.

COMMUNICATION/LOW VOLTAGE PLANS AND PERMITTING BY OTHERS.

450. PRIMARY POWER CONDUIT AND PULL STRING IN TRENCH SIMILAR TO 18/C501. COORDINATE WITH PACIFICORP AND DESIGN BUILD ELECTRICAL CONTRACTOR FOR CONNECTION, METER, AND SIZE OF CONDUIT.
451. EXTEND AND CAP POWER CONDUIT FOR FUTURE CONNECTION 10' BEYOND WEST EDGE OF ROADWAY.
452. POWER TRANSFORMER. COORDINATE INSTALLATION WITH PACIFICORP.
453. SECTIONALIZING CABINET. COORDINATE INSTALLATION WITH PACIFICORP.
454. DATA/COMMUNICATIONS CONDUIT AND PULL STRING IN TRENCH PER 18/C501.

GAS NOTES:

GAS PLANS AND PERMITTING BY OTHERS.

REFER TO OFFICIAL AVISTA PLAN FOR GAS SUPPLY SPECIFICATIONS AND REQUIREMENTS.

475. COORDINATE CONNECTION TO EXISTING GAS LINE WITH AVISTA.
476. GAS LINE IN TRENCH PER AGENCY STANDARD. LINE SIZE AND MATERIALS DESIGN BUILD BY CONTRACTOR. COORDINATE WITH AVISTA FOR CONNECTION, METER, AND SIZE OF LINE.

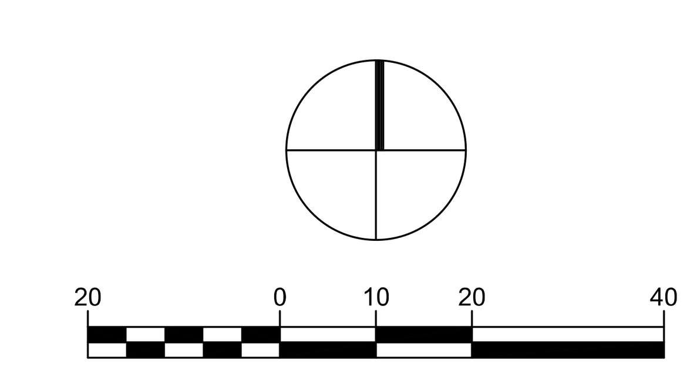
LEGEND

HATCHES & LINE TYPES:

- CONCRETE PAVING
- CONCRETE PAVING - SNOWMELT
- ASPHALT PAVING
- PLAY SURFACING
- LANDSCAPE
- STORMWATER FACILITY
- RIPRAP
- GRAVEL PAVING
- FENCING
- CURB
- SANITARY SEWER
- WATER - POTABLE (Ø VARIES)
- WATER - FIRE (Ø VARIES)
- CAMPUS DATA LINE
- FIBER
- POWER
- GAS
- STORM SEWER - SEE C300 SERIES

SYMBOLS:

- FIRE WATER VAULT
- WATER BOX
- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- CLEANOUT TO GRADE
- GREASE INTERCEPTOR
- SANITARY SEWER MANHOLE
- GAS METER
- POWER METER
- BACK WATER VALVE - SEE C300 SERIES
- PARKING BUMPER
- BOLLARD
- ACCESSIBLE PARKING SYMBOL
- TREE - PER LANDSCAPE PLANS
- BICYCLE PARKING SPACE



P.VOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST. KLAMATH FALLS, OR 97603

SHEET TITLE:

UTILITY CONNECTIONS PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C403

FROM FILE:

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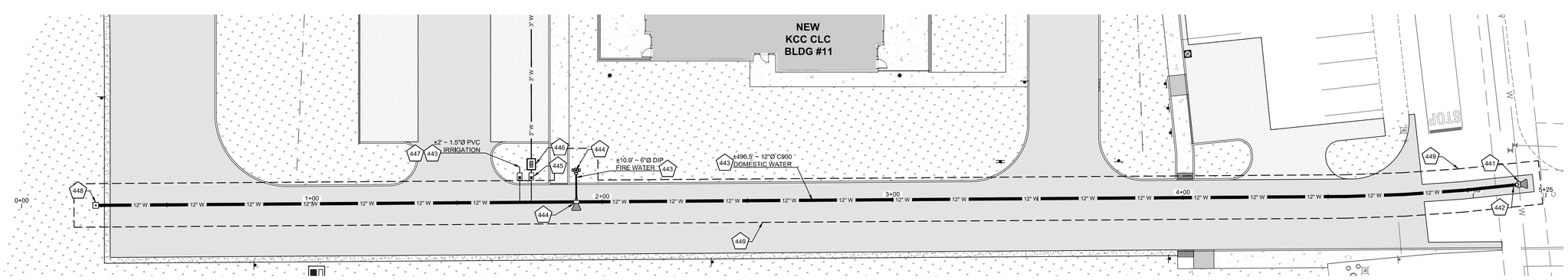
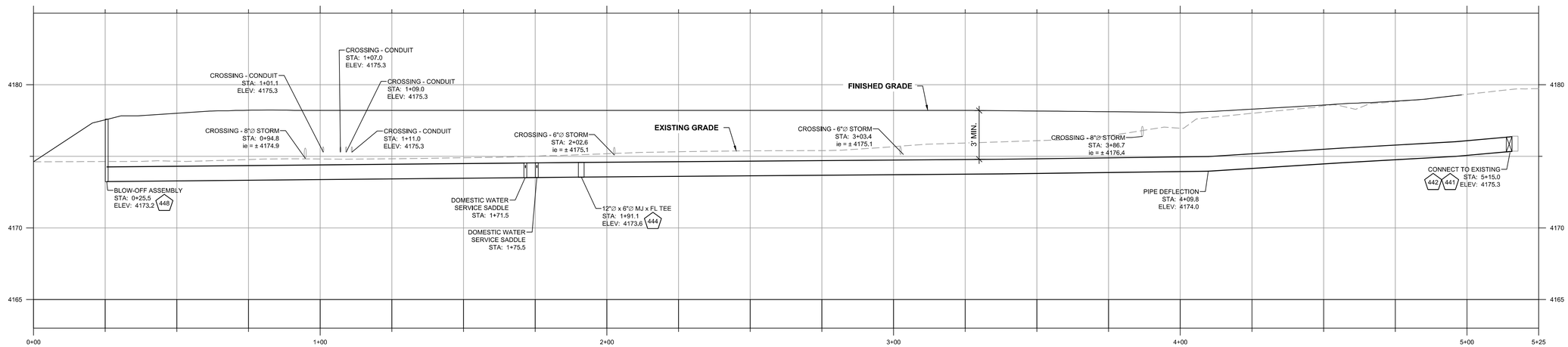


1 C404 **CKF WATER MAIN - PLAN**

1"=20'

CKF WATER MAIN PROFILE



1 C404 **CKF WATER MAIN - PROFILE**

1"=20'

20 0 10 20 40

1 IN = 20 FT

CKF WATER MAIN NOTES:

GENERAL UTILITY NOTES:

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

ALL WATER LINES AND FITTINGS 4"Ø AND LARGER SHALL BE FULLY RESTRAINED PER 20/C502 OR SHALL HAVE THRUST BLOCKS PER CKF 2-120. PROVIDE THRUST BLOCKING WHERE SHOWN.

NOT ALL NOTES APPEAR ON EACH SHEET.

CKF WATER MAIN NOTES:

441. 12"Ø CONNECTION TO EXISTING 12"Ø PVC WATER MAIN USING 'ROMAC SST TAPPING SLEEVE' (OR APPROVED EQUAL). PROVIDE THRUST BLOCKING PER CKF 2-120/C600. INSTALL TESTING PLATE ASSEMBLY PER CKF 7-102/C603. TESTING PLATE LOCATION MAY BE ADJUSTED BY CONTRACTOR AS REQUIRED TO FACILITATE CONSTRUCTION. COORDINATE WITH CITY INSPECTOR AT TIME OF CONSTRUCTION.
442. 12"Ø MJ RESILIENT WEDGE GATE VALVE.
443. WATER LINE IN TRENCH PER CKF 2-105/C600, MATERIAL AS NOTED ON PLAN:
    - C900 - BLUE C900 DR18
    - DIP - CLASS 50 DUCTILE IRON
    - PVC - SCHEDULE 40 PVC
444. 12"Ø X 6"Ø TEE AND FIRE HYDRANT ASSEMBLY PER CKF 7-110/C601.
445. 3"Ø CONNECTION TO CITY INSTALLED 2"Ø WATER METER PER CKF 7-105, 7-105A, AND 7-105B ON C601.
446. 3"Ø BACKFLOW PREVENTION DEVICE IN VAULT.
447. 1.5"Ø CONNECTION TO CITY INSTALLED 1"Ø WATER METER PER CKF 7-105, 7-105A, AND 7-105B ON C601.
448. INSTALL 12"Ø MJ CAP WITH BLOW-OFF ASSEMBLY PER CKF 7-115/C601.
449. 15' WIDE PERMANENT EASEMENT BENEFITING THE CITY OF KLAMATH FALLS.

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FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-8381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

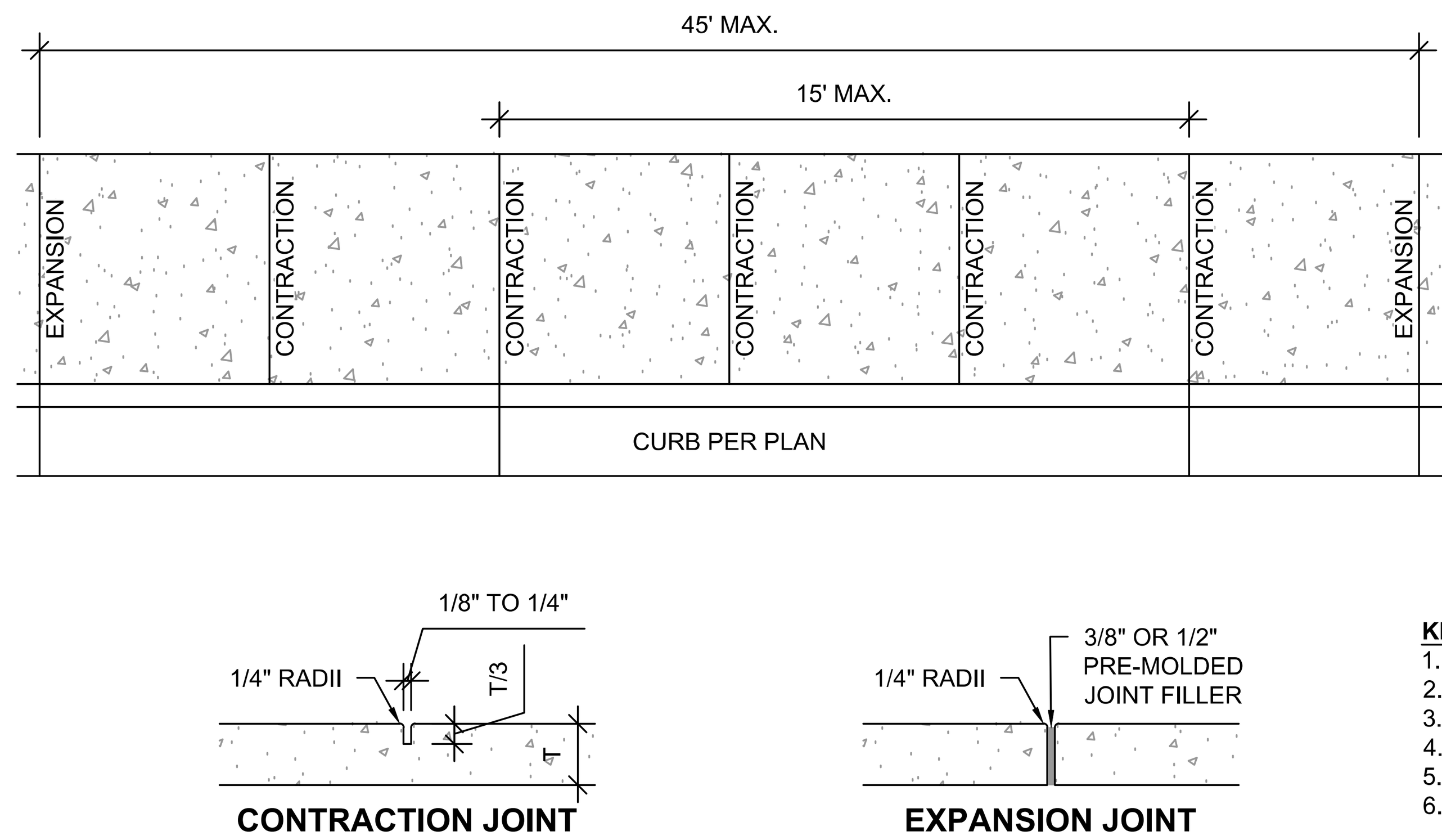
SHEET TITLE:
CKF WATER MAIN PLAN AND PROFILE

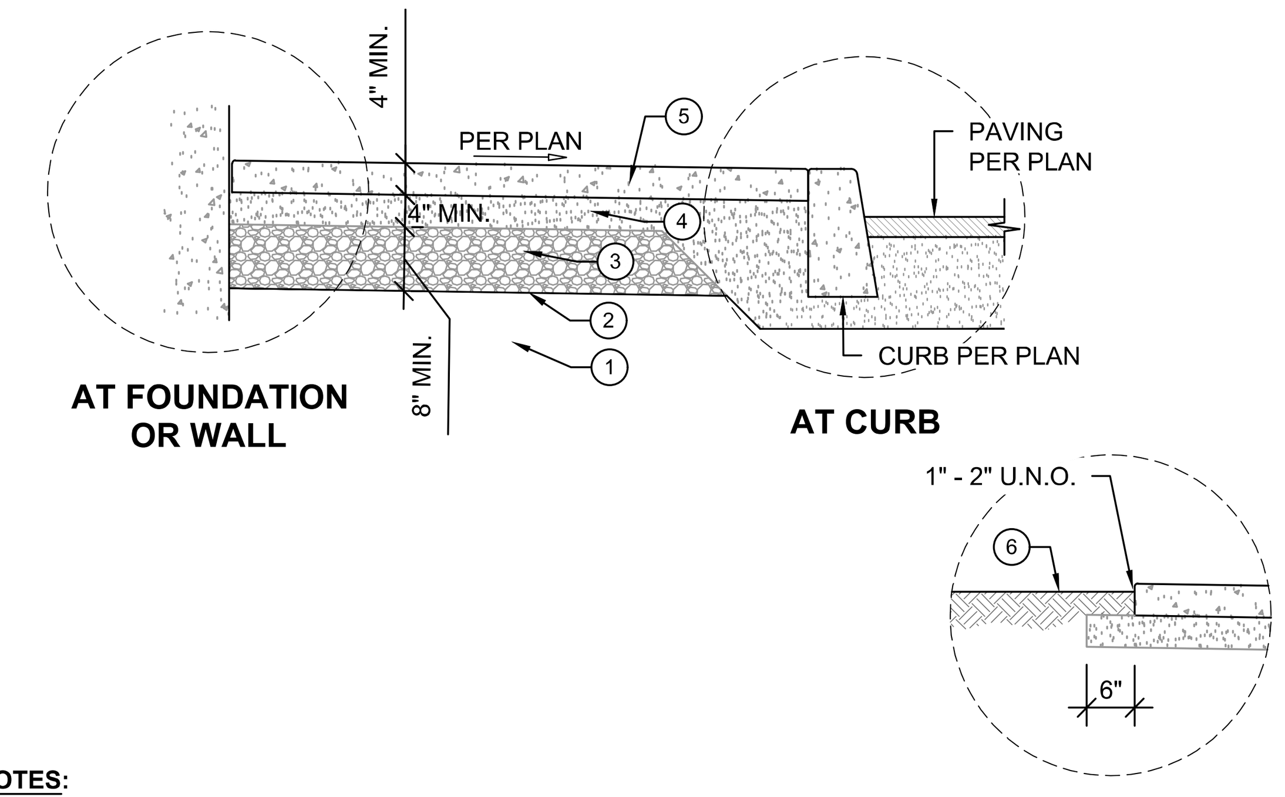
REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C404





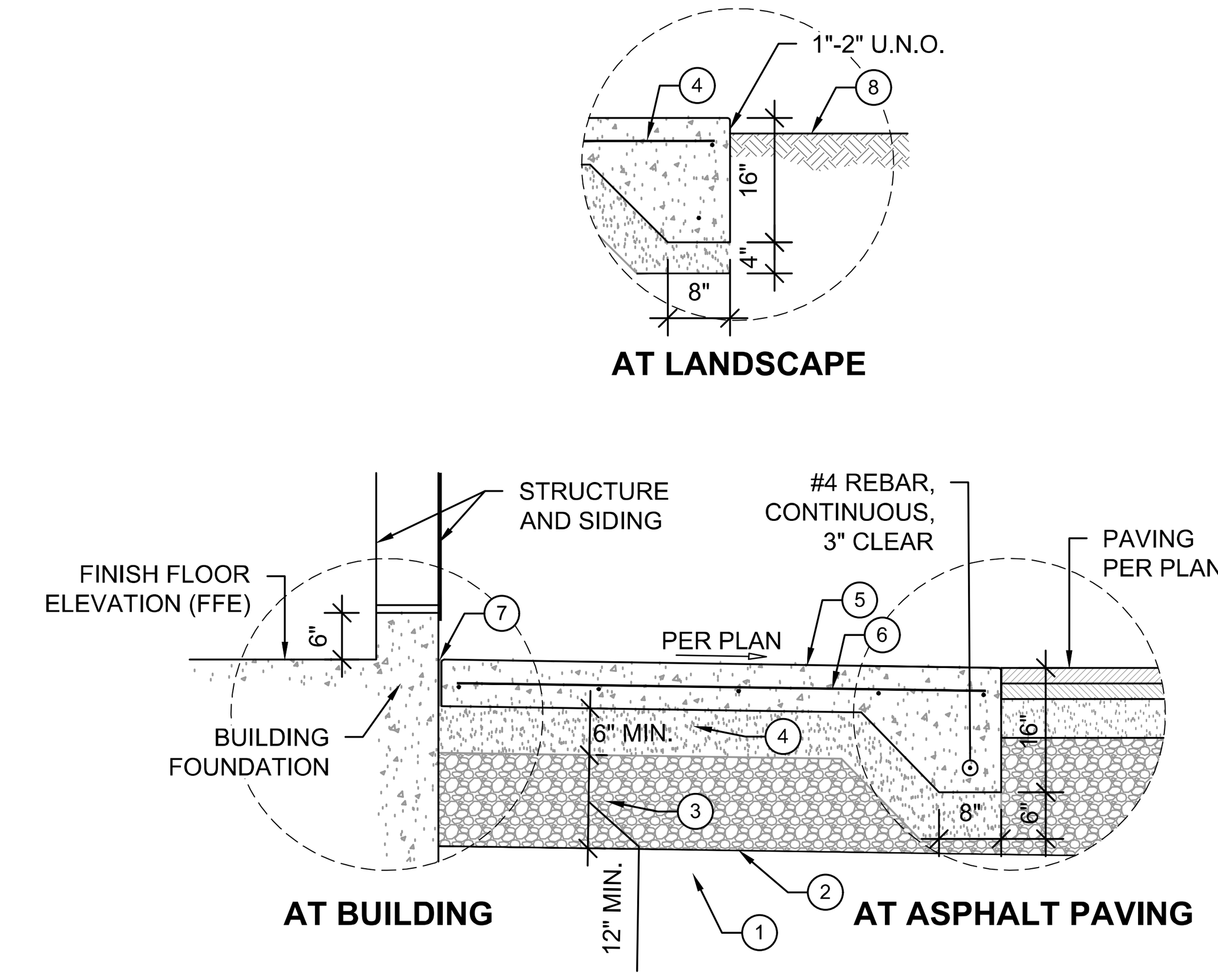
AT LANDSCAPE

KEY NOTES:
1. APPROVED SUBGRADE.
2. WOVEN GEOTEXTILE FABRIC.
3. COMPACTED 4" MINUS CRUSHED ROCK AGGREGATE OR CLEAN JAW-RUN SHALE.
4. COMPACTED 3/4" MINUS AGGREGATE BASE.
5. UNREINFORCED CONCRETE SIDEWALK, 4" THICK PER PLAN.
6. PLANTER AREA. SEE LANDSCAPE PLANS FOR ALL INFORMATION.

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.

1 C500 4" THICK UNREINFORCED SIDEWALK

1/2" = 1'

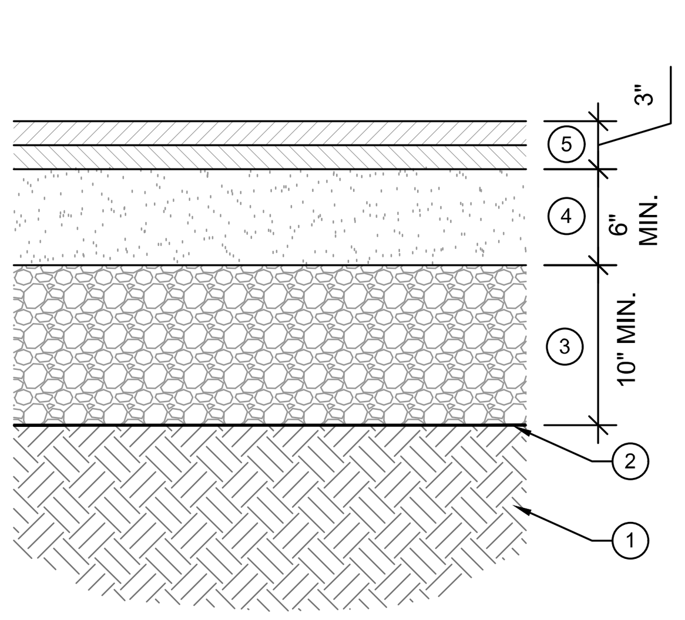


KEY NOTES:
1. STRUCTURAL BACKFILL OUTSIDE BUILDING FOUNDATION OR APPROVED SUBGRADE AS APPLICABLE.
2. WOVEN GEOTEXTILE FABRIC.
3. 4" MINUS JAW-RUN OR 2" TO 4" MINUS CRUSHED ROCK, ANGULAR AND WELL GRADED.
4. 3/4" MINUS STRUCTURAL FILL PLACED IN MAX. 8" LOOSE LIFTS PER ODOT SPEC O2630.10. EACH LIFT COMPACTED TO 92% MAX DRY DENSITY PER ASTM D1557 (MODIFIED PROCTOR).
5. REINFORCED CONCRETE SIDEWALK, 6" THICK, 4,000 PSI COMMERCIAL GRADE CONCRETE.
6. #4 REBAR AT 18" O.C. EACH WAY, 2" CLEAR TYPICAL.
7. 3/8" OR 1/2" PRE-MOLDED JOINT FILLER.
8. PLANTER AREA. SEE LANDSCAPE PLANS FOR ALL INFORMATION.

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 C500 6" THICK REINFORCED CONCRETE

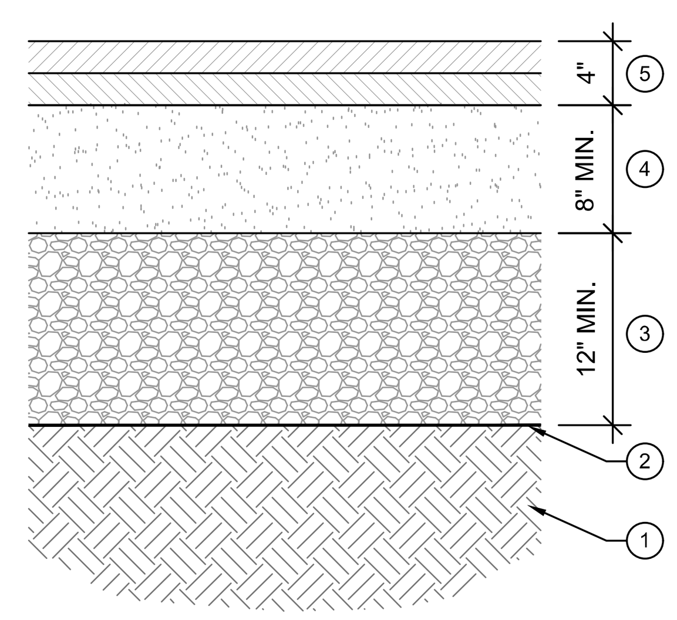
1/2" = 1'



KEY NOTES:
1. APPROVED SUBGRADE.
2. WOVEN GEOTEXTILE SUPPORT FABRIC.
3. COMPACTED 4" MINUS CRUSHED ROCK AGGREGATE OR CLEAN JAW-RUN SHALE.
4. COMPACTED 3/4" MINUS AGGREGATE BASE.
5. 3" ASPHALT PAVEMENT INSTALLED IN TWO (2) LIFTS. MATERIAL, PLACEMENT, AND TESTING PER ODOT SPEC 00744 UNLESS NOTED OTHERWISE IN PLANS OR SPECIFICATIONS.
   5.1. BASE COURSE: 1.5" OF ODOT LEVEL 2 ~ 1/2" DENSE MIX ACP WITH PG 64-22 BINDER.
   5.2. WEARING COURSE: 1.5" OF ODOT LEVEL 2 ~ 1/2" DENSE MIX ACP WITH PG 64-22 BINDER.

3 C500 ASPHALT PAVEMENT SECTION - STANDARD DUTY

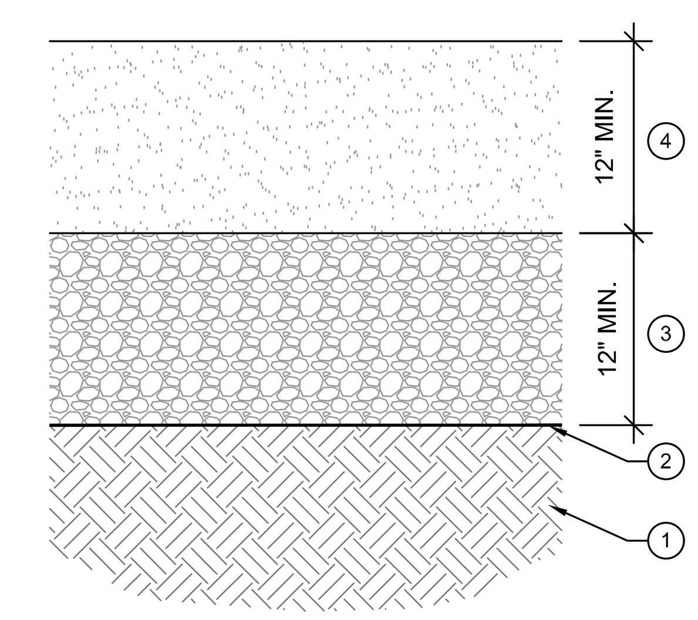
1" = 1'



KEY NOTES:
1. APPROVED SUBGRADE.
2. WOVEN GEOTEXTILE SUPPORT FABRIC.
3. COMPACTED 4" MINUS CRUSHED ROCK AGGREGATE OR CLEAN JAW-RUN SHALE.
4. COMPACTED 3/4" MINUS AGGREGATE BASE.
5. 4" ASPHALT PAVEMENT INSTALLED IN TWO (2) LIFTS. MATERIAL, PLACEMENT, AND TESTING PER ODOT SPEC 00744 UNLESS NOTED OTHERWISE IN PLANS OR SPECIFICATIONS.
   5.1. BASE COURSE: 2" OF ODOT LEVEL 2 ~ 1/2" DENSE MIX ACP WITH PG 64-22 BINDER.
   5.2. WEARING COURSE: 2" OF ODOT LEVEL 2 ~ 1/2" DENSE MIX ACP WITH PG 64-22 BINDER.

4 C500 ASPHALT PAVEMENT SECTION - HEAVY DUTY

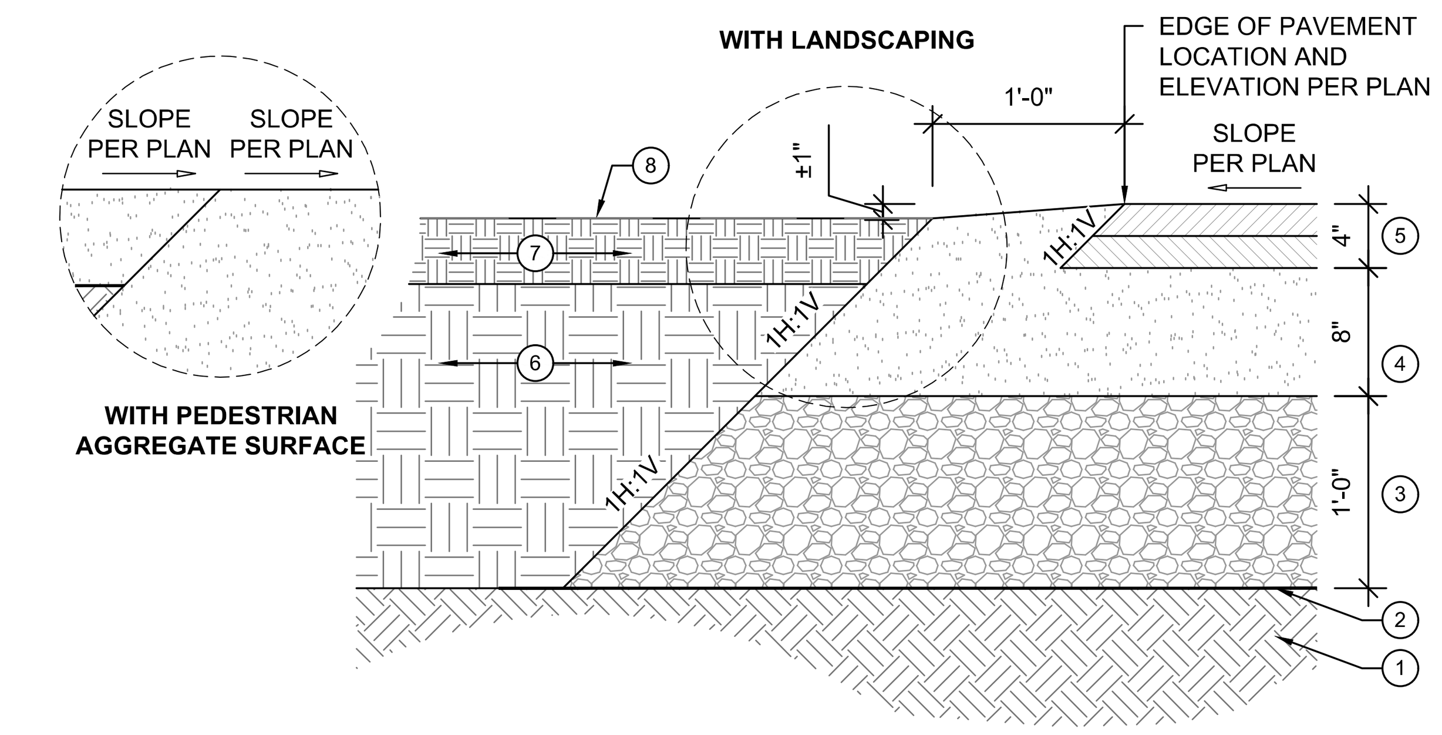
1" = 1'



KEY NOTES:
1. APPROVED SUBGRADE.
2. WOVEN GEOTEXTILE SUPPORT FABRIC.
3. COMPACTED 4" MINUS CRUSHED ROCK AGGREGATE OR CLEAN JAW-RUN SHALE.
4. 3/4" MINUS STRUCTURAL FILL PLACED IN MAX. 8" LOOSE LIFTS PER ODOT SPEC O2630.10. EACH LIFT COMPACTED TO 92% MAX DRY DENSITY PER ASTM D1557 (MODIFIED PROCTOR).

5 C500 GRAVEL PAVEMENT SECTION

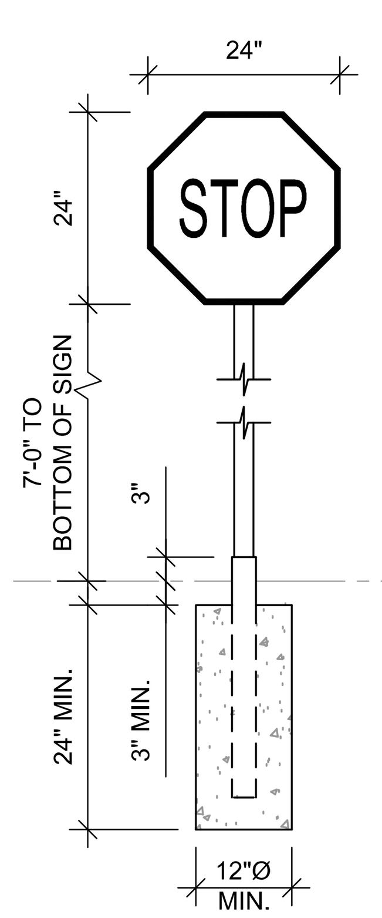
NTS



KEY NOTES:
1. COMPACTED SUBGRADE, PROOF ROLL WITH GEOTECHNICAL ENGINEER OBSERVATION.
2. GEOTEXTILE: TYPE 2 WOVEN MIRAFI RS5801 OR APPROVED EQUAL, ODOT SPEC O2320 TABLE O2320-2.
3. OPEN-GRADED 2" TO 1/4" STABILIZATION LAYER PLACED PER GEOTECHNICAL REPORT RECOMMENDATIONS.
4. 3/4" MINUS STRUCTURAL FILL PLACED IN MAX. 8" LOOSE LIFTS PER ODOT SPEC O2630.10. EACH LIFT COMPACTED TO 92% MAX DRY DENSITY PER ASTM D1557 (MODIFIED PROCTOR).
5. 4" ASPHALT PAVEMENT INSTALLED IN TWO (2) LIFTS OF ODOT LEVEL 2 1/2" DENSE MIX ASPHALT PAVEMENT WITH PG 64-22 BINDER. MATERIAL, PLACEMENT, AND TESTING PER ODOT SPEC 00744.
6. GENERAL FILL, REFER TO GEOTECHNICAL ENGINEERING REPORT.
7. 4" SCARIFIED SOIL, REFER TO LANDSCAPING SPECIFICATIONS.
8. HYDROSEEDING, REFER TO LANDSCAPING SPECIFICATIONS.

6 C500 GRAVEL SHOULDER REPAIR

NTS



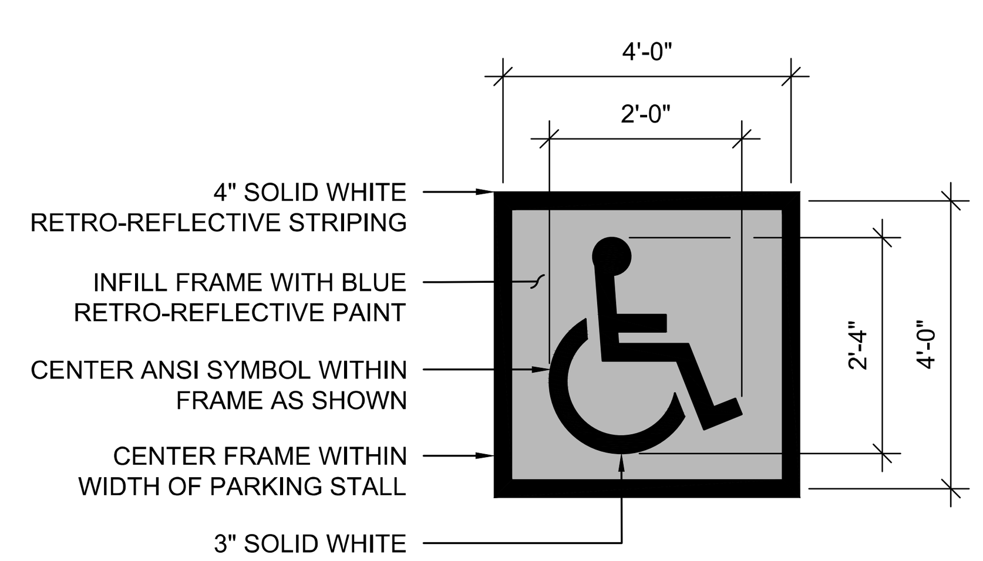
SUBMIT SHOP DRAWINGS FOR ENGINEER APPROVAL PRIOR TO CONSTRUCTION

SPECIAL NOTES
1. MAINTAIN 5' MINIMUM CIRCULATION PATH, UNLESS APPROVED BY THE ENGINEER. THE ENGINEER SHALL NOT APPROVE OF A CIRCULATION PATH LESS THAN 4'.
2. CONNECT SIGN POST TO SLIP SLEEVE USING $\frac{1}{4}$"Ø STEEL BOLT WITH $\frac{5}{16}$"Ø BOLT HOLE PERPENDICULAR TO TRAVEL LANE.

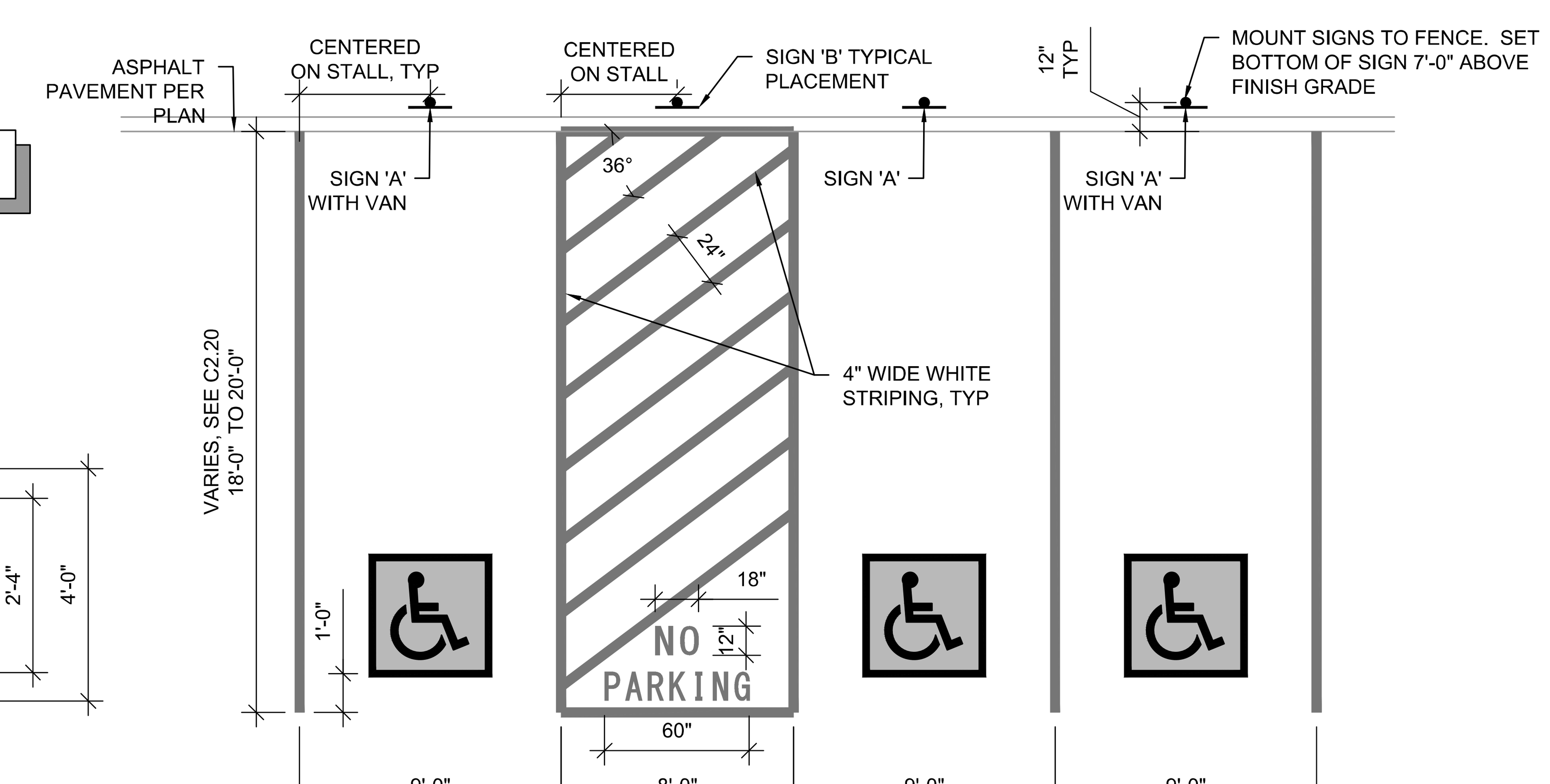
7 C500 BREAKAWAY SIGN DETAIL

NTS

REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION

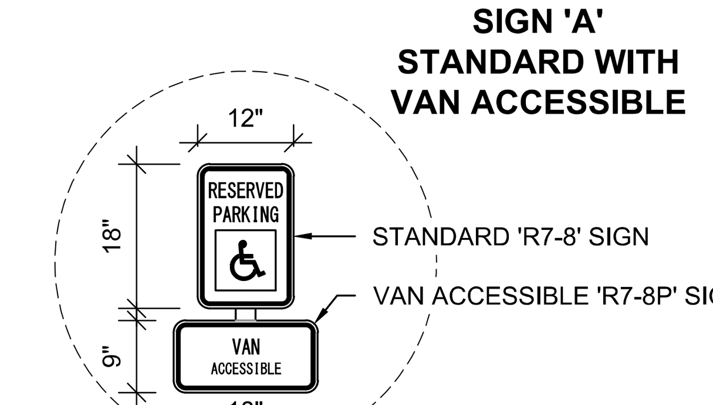


ACCESSIBLE PARKING PAVEMENT MARKING SYMBOL

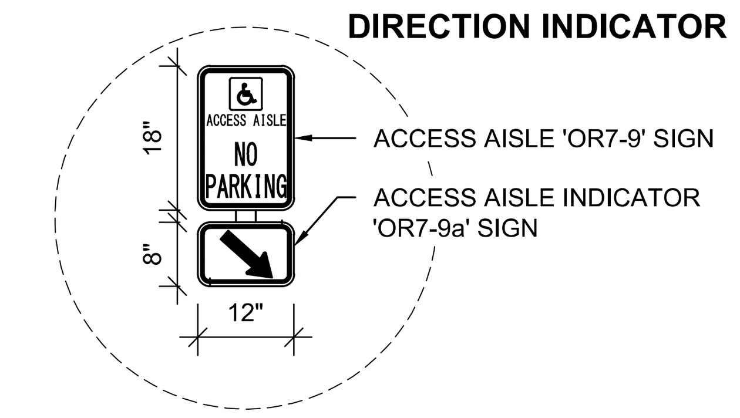


ACCESSIBLE PARKING STALL PAVEMENT MARKING LAYOUT

SIGN 'A' STANDARD WITH VAN ACCESSIBLE



SIGN 'B' ACCESS AISLE WITH DIRECTION INDICATOR



ACCESSIBLE PARKING SIGNAGE

8 C500 ACCESSIBLE PARKING LAYOUT, PAVEMENT MARKINGS, AND SIGNAGE DETAIL

NTS

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FROM FILE:

P.VOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

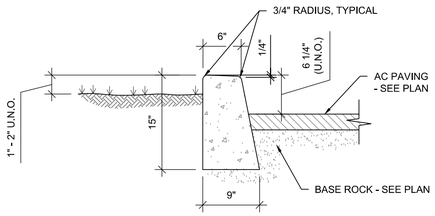
ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:
CIVIL DETAILS

REVISIONS:
#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C500

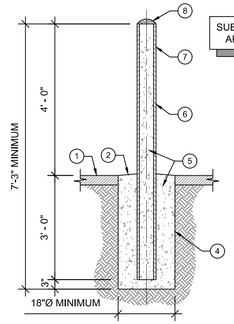


NOTES:

1. PROVIDE CONTRACTION JOINTS AT 15' MAXIMUM SPACING AND AT ENDS OF EACH INLET AND RAMP.
2. PROVIDE 3/8" ISOLATION JOINT (HOLD JOINT FILLER DOWN 1/2", TYPICAL) AT 100' MAXIMUM SPACING, AND AT POINTS OF TANGENCY, AND AT EACH DRIVEWAYS END.
3. COORDINATE JOINT SPACING TO MATCH CONCRETE SIDEWALK SCORING SPACING.

9 C501 TYPE 'B' STANDARD CURB

1" = 1'

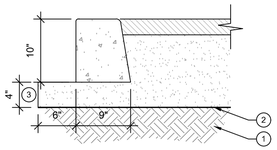


KEY NOTES:

1. FINISH GRADE PER PLAN.
2. SLOPE TOP OF CONCRETE AWAY FROM BOLLARD 1/2" MIN.
3. UNDISTURBED SOIL OR NATIVE BACKFILL.
4. CAST CONCRETE DIRECTLY AGAINS FIRM, UNDISTURBED NATIVE OR APPROVED STRUCTURAL FILL.
5. 3,000-PSI MIN. COMMERCIAL GRADE CONCRETE PER CURRENT ODOT/APWA STANDARDS.
6. 5"Ø x 7' LONG SCHEDULE 40 STEEL PIPE - FILL WITH CONCRETE.
7. PAINT BOLLARD AND CAP 'SAFETY YELLOW' (1 COAT PRIMER WITH 2 COATS PAINT TYPICAL).
8. ROUNDED CONCRETE CAP.

12 C501 STATIONARY BOLLARD DETAIL

NTS

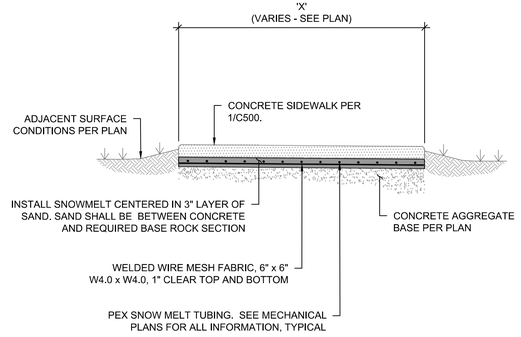


NOTES:

1. CONSTRUCT CURB EXPANSION JOINTS AT 100' 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.

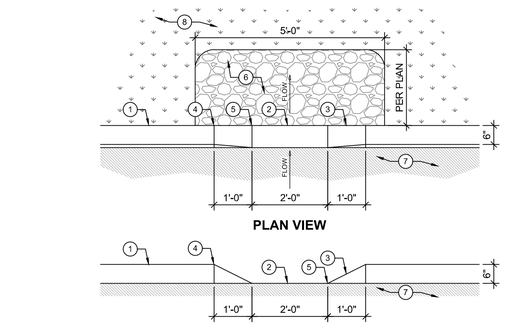
10 C501 FLUSH CURB

1" = 1'



13 C501 SNOWMELT CONCRETE PAVING

NTS



PLAN VIEW

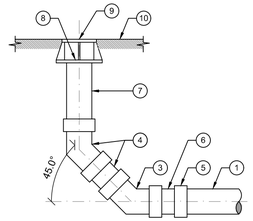
SECTION VIEW

KEY NOTES:

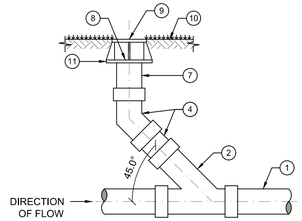
1. FULL HEIGHT CURB.
2. FLUSH CURB.
3. TRANSITION FROM FULL HEIGHT TO FLUSH CURB.
4. 1/2" THICK PRE-FORMED EXPANSION JOINT MATERIAL.
5. TOOLED CONTRACTION JOINT.
6. MINIMUM 12" DEEP SECTION OF COBBLE OR RIPRAP. GROUT RIPRAP WHERE REQUIRED.
7. PAVING PER PLAN.
8. LANDSCAPING PER PLAN.

11 C501 CURB CUT

1/2" = 1'



BEGINNING OF LINE CLEANOUT



IN-LINE CLEANOUT

KEY NOTES:

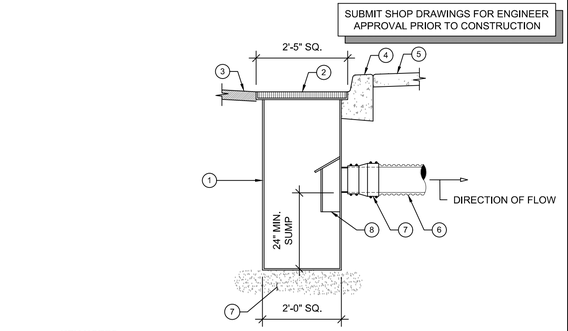
1. MAIN LINE PER PLAN
2. WYE
3. 45° BEND
4. SPOOL AND 45° BEND OR BELL x SPIGOT 45° BEND
5. ECCENTRIC REDUCER AS NECESSARY
6. SPOOL AS NECESSARY
7. CLEANOUT RISER, 4"Ø FOR 4"Ø LINE, 6"Ø FOR 6"Ø AND LARGER LINE
8. PROVIDE MECHANICAL PLUG, 'CHERNE' 'END OF PIPE GRIPPER' OR APPROVED ALTERNATIVE
9. PROVIDE 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.

14 C501 TYPICAL PRIVATE CLEANOUT TO GRADE

NTS

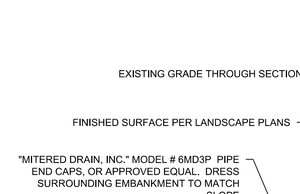


KEY NOTES:

1. ASPHALT DIPPED 24" SQUARE GIBSON STEEL CATCH BASIN (OR APPROVED EQUAL)
2. HEAVY DUTY H-20 LOAD RATED, BICYCLE PROOF GRATE
3. PAVING PER PLAN
4. CURB AND GUTTER PER PLAN
5. SIDEWALK PER PLAN
6. STORM LINE - MATERIAL, SIZE, SLOPE, ALIGNMENT, AND COVER PER PLAN
7. FLEXIBLE COUPLER
8. TRAP WITH HINGED LID
9. 4" OF 3/4" MINUS BASEROCK OVER COMPACTED NATIVE MATERIAL

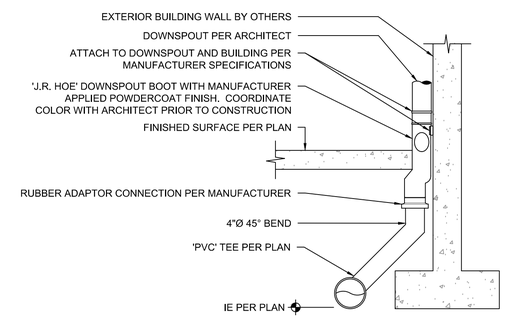
15 C501 STEEL CATCH BASIN

1/2" = 1'



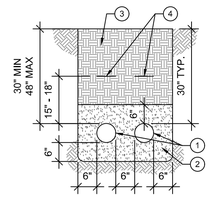
16 C501 PIPE OUTFALL WITH ENERGY DISSIPATER

NTS



17 C501 DOWNSPOUT BOOT AND CONNECTION

NTS



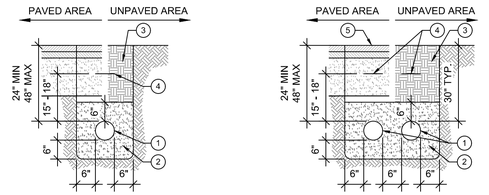
KEY NOTES:

1. PACIFICORP PRIMARY POWER CONDUIT OUTSIDE OF PAVED AREAS.
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.

NOTES:

1. PRIMARY POWER INSTALLATION SHALL MEET THE REQUIREMENTS OF POWER COMPANY, REFER TO APPROVED , 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.

18 C501 POWER/DATA CONDUIT TRENCH



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.

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FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER — OREGON — DIGITAL SIGNATURE — Zachary Stokes — EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-8381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

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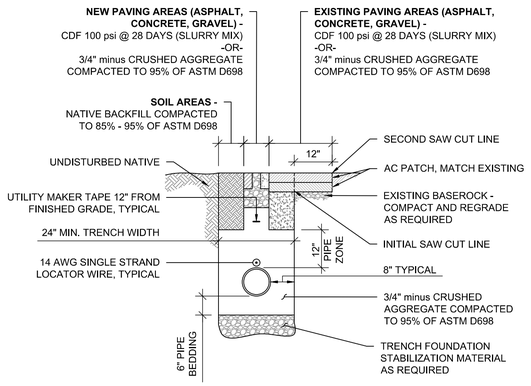


19 C502 **PRIVATE WET UTILITY TRENCH SECTION**

1/2" = 1'

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:

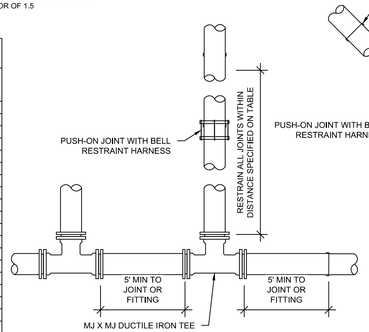
- LINE IS NOT POLYWRAPPED
- HYDROSTATIC TESTING TO 200 PSI
- 36" OF PIPE COVER
- SOIL DESIGNATION SILT 1 (SILT OF MEDIUM TO LOW PLASTICITY, LL<50)
- AWWA C150 TYPE 5 LAYING CONDITION
- SAFETY FACTOR OF 1.5

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

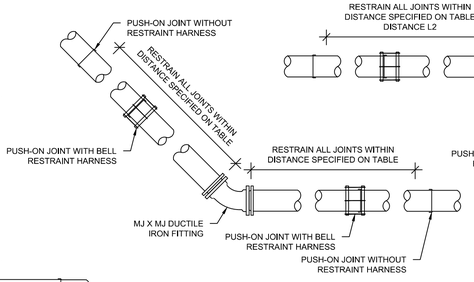
- LINE IS NOT POLYWRAPPED
- HYDROSTATIC TESTING TO 200 PSI
- 36" OF PIPE COVER
- SOIL DESIGNATION SILT 1 (SILT OF MEDIUM TO LOW PLASTICITY, LL<50)
- AWWA C150 TYPE 5 LAYING CONDITION
- SAFETY FACTOR OF 1.5

RESTRAINT DISTANCE SIZE CHART

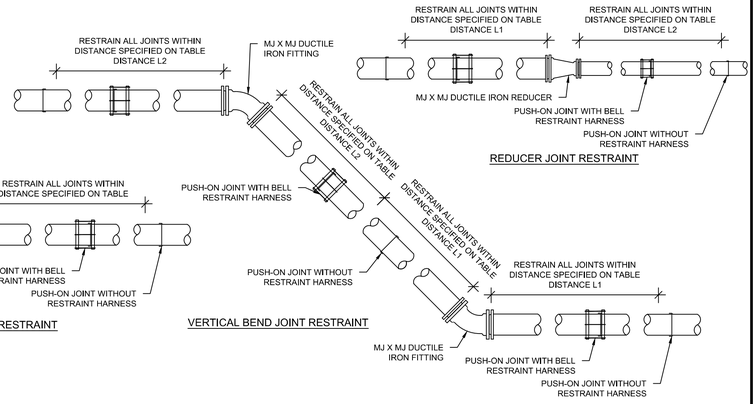
SIZE (INCHES)	FITTING TYPE	DUCTILE IRON PIPE RESTRAINT DISTANCE (FT)	PVC PIPE RESTRAINT DISTANCE (FT)
4	11.25 HORIZONTAL	3	3
	22.5 HORIZONTAL	5	5
	45 HORIZONTAL	10	9
	90 HORIZONTAL	24	21
	DEAD END	58	70
	TEE	51	63
6	11.25 HORIZONTAL	4	4
	22.5 HORIZONTAL	7	6
	45 HORIZONTAL	14	45
	90 HORIZONTAL	33	29
	TEE	74	91
12	11.25 HORIZONTAL	6	5
	22.5 HORIZONTAL	12	9
	45 HORIZONTAL	25	18
	90 HORIZONTAL	59	44
	TEE	145	105
REDUCING TEE	6x4	47	60
	8x6	72	89
	10x6	70	86
	10x8	97	120
REDUCER	10x6	L1: 79 L2: 130	95
	10x8	L1: 43 L2: 54	52



HORIZONTAL TEE JOINT RESTRAINT



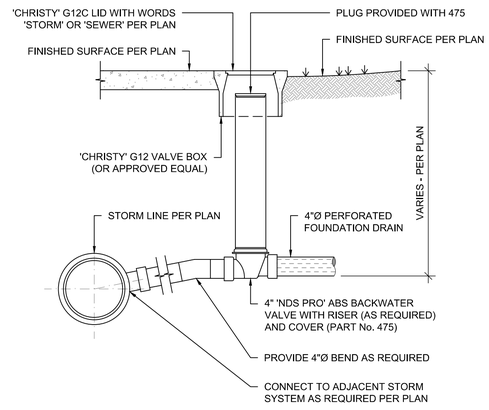
HORIZONTAL BEND JOINT RESTRAINT



VERTICAL BEND JOINT RESTRAINT

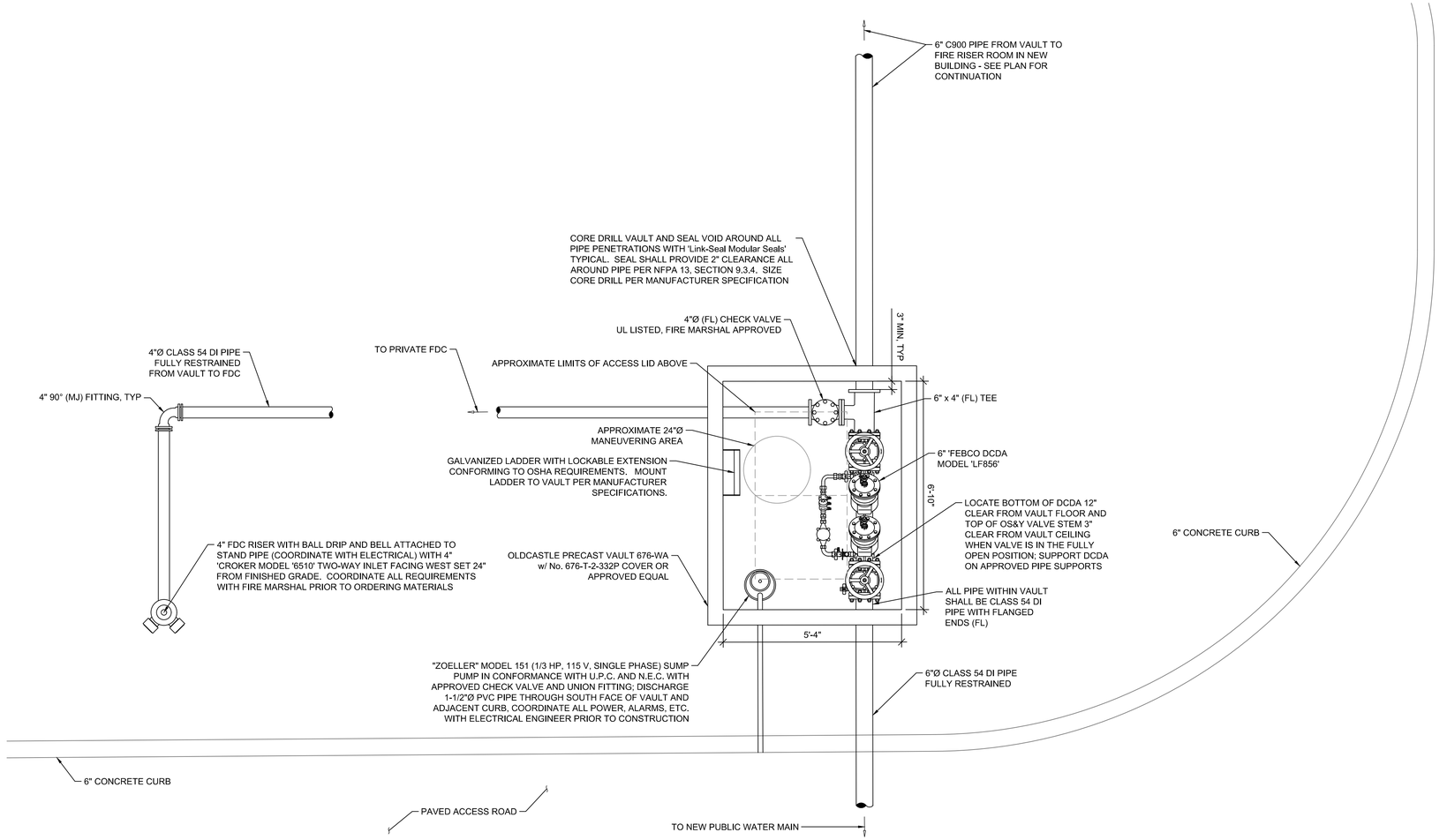
20 C502 **PIPE RESTRAINT**

NTS



21 C502 **FOUNDATION DRAIN BACK WATER VALVE**

3/4" = 1'



22 C502 **FIRE SERVICE ASSEMBLY**

NTS

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REGISTERED PROFESSIONAL ENGINEER — OREGON — DIGITAL SIGNATURE — Zachary Stokes — EXPIRES: 06-30-26

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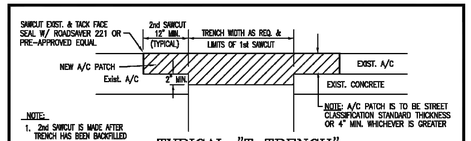

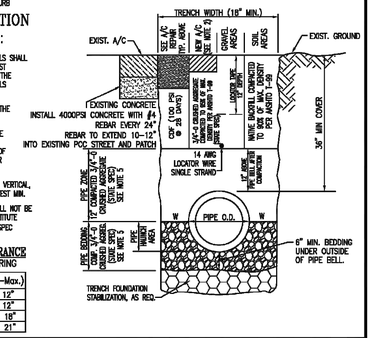

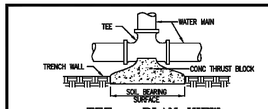

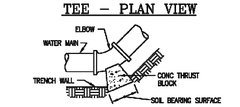

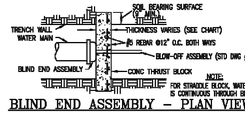

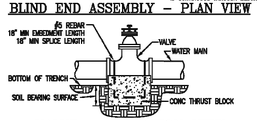

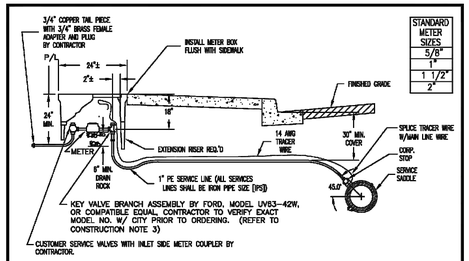

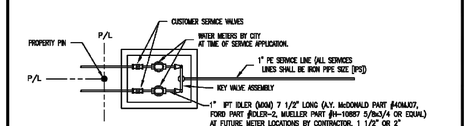

GENERAL NOTES

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	3/10	5th EDITION
1	6/06	4th EDITION

PUBLIC WORKS CONSTRUCTION PROJECTS
GENERAL NOTES
Approved By: Don Wilcox
Drwn. By: GDG
Date: 1/2002
Drwg. 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
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PUBLIC WORKS CONSTRUCTION PROJECTS
GENERAL NOTES
Approved By: Don Wilcox
Drwn. By: GDG
Date: 1/2002
Drwg. 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	12/10	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
Drwg. 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 PAST 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
Drwg. 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:
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1	6/04	2nd EDITION

PUBLIC WORKS CONSTRUCTION PROJECTS
GENERAL NOTES
Approved By: Don Wilcox
Drwn. By: GDG
Date: 1/2002
Drwg. No.: 1-100e

NOTE:
1. 2nd SAWCUT IS MADE AFTER TRENCH HAS BEEN BACKFILLED PER TRENCH SECTION BELOW.
2. CUTS INTO EXISTING STREETS REQUIRES TRAVEL LANE TO BE REPAVED
3. IF CUT IS WITHIN 24" OF THE CURB, ASPHALT SHALL BE REMOVED AND REPLACED TO CURB

TYPICAL "T TRENCH"

CONSTRUCTION NOTES:

1. ALL WORK & MATERIALS SHALL CONFORM TO THE MOST CURRENT EDITION OF THE CITY OF KLAMATH FALLS STANDARD DRAWINGS.
2. ASPHALT DEPTH PER THE DESIGN PLANS.
3. BEDDING & PIPE ZONE MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY PER AASHTO, T-99.
4. TESTING—INTERNAL, 3' VERTICAL, 50' LENGTH WITH 2 TEST MIN.
5. CRUSHER REJECT SHALL NOT BE ACCEPTED AS A SUBSTITUTE FOR 3/4"-0" STATE SPEC CRUSHED AGGREGATE.

SIDEWALL CLEARANCE
EXCLUDING SHORING

PIPE SIZE	W(Min.–Max.)
0 – 6"	6" – 12"
8" – 24"	8" – 12"
27" – 60"	12" – 18"
Over 60"	18" – 21"

CITY OF KLAMATH FALLS

	Date	Revision:
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TRENCH SECTION
Approved By: Don Wilcox
Drwn. By: GDG
Date: 1/2002
Drwg. No.: 2-105

THRUST BLOCK SCHEDULE

PIPE SIZE	MAXIMUM SOIL BEARING CAP. (1000 lb/SF)	REQUIRED SOIL BEARING AREA (SF)				
		BLIND END OR TEE OR VALVE		ELBOWS		
				90° to 45°	45° to 22 1/2°	22° to 11 1/4°
4"	10	1		1	1	1
	4	1		2	1	1
	2	2		3	2	1
	1	4		6	4	2
6"	10	1		1	1	1
	4	2		3	2	1
	2	4		7	4	2
	1	9		13	8	4
8"	10	2		2	1	1
	4	4		6	3	2
	2	8		11	6	3
	1	15		22	13	7
10"	10	3		4	2	1
	4	6		9	5	3
	2	12		18	10	5
	1	24		36	20	11
12"	10	3		5	3	1
	4	9		12	7	3
	2	17		25	13	7
	1	35		50	27	14
14"	10	5		7	4	2
	4	12		17	9	5
	2	24		34	19	10
	1	47		68	38	20
16"	10	6		9	5	3
	4	15		23	13	7
	2	30		45	25	14
	1	61		90	51	27
18"	10	9		11	6	3
	4	21		28	16	8
	2	43		56	32	16
	1	86		113	63	33
20"	10	11		15	8	4
	4	27		38	21	11
	2	54		75	42	21
	1	108		151	83	43

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
Drwn. By: GDG
Date: 1/2002
Drwg. No.: 2-120

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

PROFILE

PLAN

CONSTRUCTION NOTES

1. ALL POLYETHYLENE (PE) PIPE SHALL CONTAIN STAINLESS STEEL INSERT STIFFENERS INSIDE BOTH ENDS OF PIPE.
2. METER BOXES SHALL BE SET 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.

CITY OF KLAMATH FALLS

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

WATER SERVICE CONNECTION
RESIDENTIAL
Approved By: Don Wilcox
Drwn. By: GDG
Date: 1/2002
Drwg. No.: 7-100

PIVOT ARCHITECTURE

FOR INFORMATION ONLY

ZCS

BID AND PERMIT SET
KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER
ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST. KLAMATH FALLS, OR 97603

SHEET TITLE:
AGENCY STANDARD DETAILS

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C600

FROM FILE:
PRINTED ON:
SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED

TYPICAL 1" TAP

#	1"MAIN TAP – FITTING	QTY	FORD	A.Y. McDONALD	MUELLER
1	Saddle Main size OD" x 1"IP tap Romac 101S (12"Main + 202S)	1			
2	Corp Stop 1"IP x 1"PE/PJ	1	F1101–4	4704–33 1"	H–15029
3	PE Pipe 1" IPS 200#PSI Thick Wall				
4	Stiffener 1" IPS PE Pipe	1	Insert 72	6136 1"	505142
5	2" Water Detectotape				
6	14 gauge x 1 Blue UF Irr Cont Wire				
	Dual 5/8" x 3/4" SERVICE SETTING				
7	U Branch Assembly 1" PE/PJx 3/4" mip/MM 3/4"MSN/LW (or)	1	UV63–42W–7.5	09U3MW 1"4X7.5	N/A
8	U Branch 1" PE/Pjx 3/4" mip	1	U63–43–7.5	08U3M 1"4X7.5	N/A
9	Angle meter valve 3/4" fip x 3/4" swivel nut/lock wing	2	BA13–332W	4603–3/4	B 24265
10	Spacer PVC or Idler	2	Idler–2	40MJ07	H–10887
11	Angle meter valve 3/4" swivel nut/lock wing x 3/4" Cu	2	BA43–332W–Q, BA43–332W4602BQ–3/4, 4602B–22–3/4	4602BQ–3/4, 4602B–22–3/4	B24258, P24258
12	Copper tubing 3/4" type K soft	3'			
13	Coupling 3/4" Cu flare x 3/4" Fip	2	C14–33–Q, C14–33	4754Q–3/4, 4754–22–3/4	H15451, P15451
14	Plug 3/4" PVC	2			
	METER BOXES		ARMORCAST		
15	Dual Box Body	2	P6001534X28		
16	Dual Box S–Cover	1			
17	Dual Box St–Lid	1			
18	Dual Box Traffic Cover	1	A6001947T–H7		
	5/8" x 3/4" SINGLE SERVICE SETTING				
19	Angle meter valve 1" PE/Pjx 3/4" swivel nut/lock wing	1	KV63–342W	4602B–33 1" x 3/4"	H–14259
20	Spacer/Idler PVC	1		40MJ07	
21	Angle meter cplg 3/4" meter swivel nut x 3/4" Cu	1	BA43–332W–Q, BA43–332W	4602BQ–3/4, 4602B–22–3/4	B24258, P24258
22	Copper tubing 3/4" type K soft	1.5'			
23	Coupling 3/4" Cu flare x 3/4" Fip	1	C21–33	4754 3/4"	H–15450
24	Plug 3/4" PVC	1			
	METER BOXES		ARMORCAST		
25	Box Body	1			
26	Box Bottom	1			
27	Box Body	2	P6000485X24		
28	Box S–Cover	1			
29	Box St–Lid	1			
30	Box Traffic Cover	1	A6000484T–H7		

CITY OF KLAMATH FALLS

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

WATER SERVICE CONNECTION RESIDENTIAL FITTINGS & BOXES
Drwn. By: GDG · Date: 1/2002 · Drwg. No.: 7-100a
Approved By: Don Wilcox

TYPICAL 1" TAP (CONCLUDED)

#	FITTING	QTY	FORD	A.Y. McDONALD	MUELLER
	1" MAIN TAP				
1	Saddle Main size OD" x 1"IP tap Romac 101S (12"Main + 202S)	1			
2	Corp Stop 1"IPx1"PE/PJ	1	F1101–4	4704–33 1"	H–15029
3	PE Pipe 1"IPS 200#PSI Thick Wall				
4	Stiffener 1"IPS PE Pipe	1	Insert 72	6136 1"	505142
5	2" Water Detectotape				
6	14 gauge x 1 Blue UF Irr Cont Wire				
	1" SINGLE SERVICE SETTING				
7	Angle meter valve 1"PE/PJx1"swivel nut/lock wing	1	KV63–444W	4642B–33 1"	H–14259
	or				
8	Straight meter valve 1"Fip x 1"swivel nut/lock wing	1	B13–444W		
9	Spacer PVC or Idler	1	Idler–4	Not Available	H–10887 1"
10	Angle meter valve 1" swivel nut/lock wing x 1" Cu	1	KV23–444W	4642B	MH41255
11	Copper tubing 1" type K soft	1.5'			
12	Coupling 1"CU flare x 1 Fip	1	C21–44	4754 1"	H–15450
13	Plug 1"PVC	1			
	METER BOXES		ARMORCAST		
14	Box Body	1			
15	Box Bottom	1			
	or				
16	Box Body	2	P6000485X24		
17	Box S–Cover	1			
18	Box St–Lid	1			
	or				
19	Box Traffic Cover	1	A6000484T–H7		

CITY OF KLAMATH FALLS

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

WATER SERVICE CONNECTION RESIDENTIAL FITTINGS & BOXES
Drwn. By: GDG · Date: 1/2002 · Drwg. No.: 7-100b
Approved By: Don Wilcox

TYPICAL 2" TAP

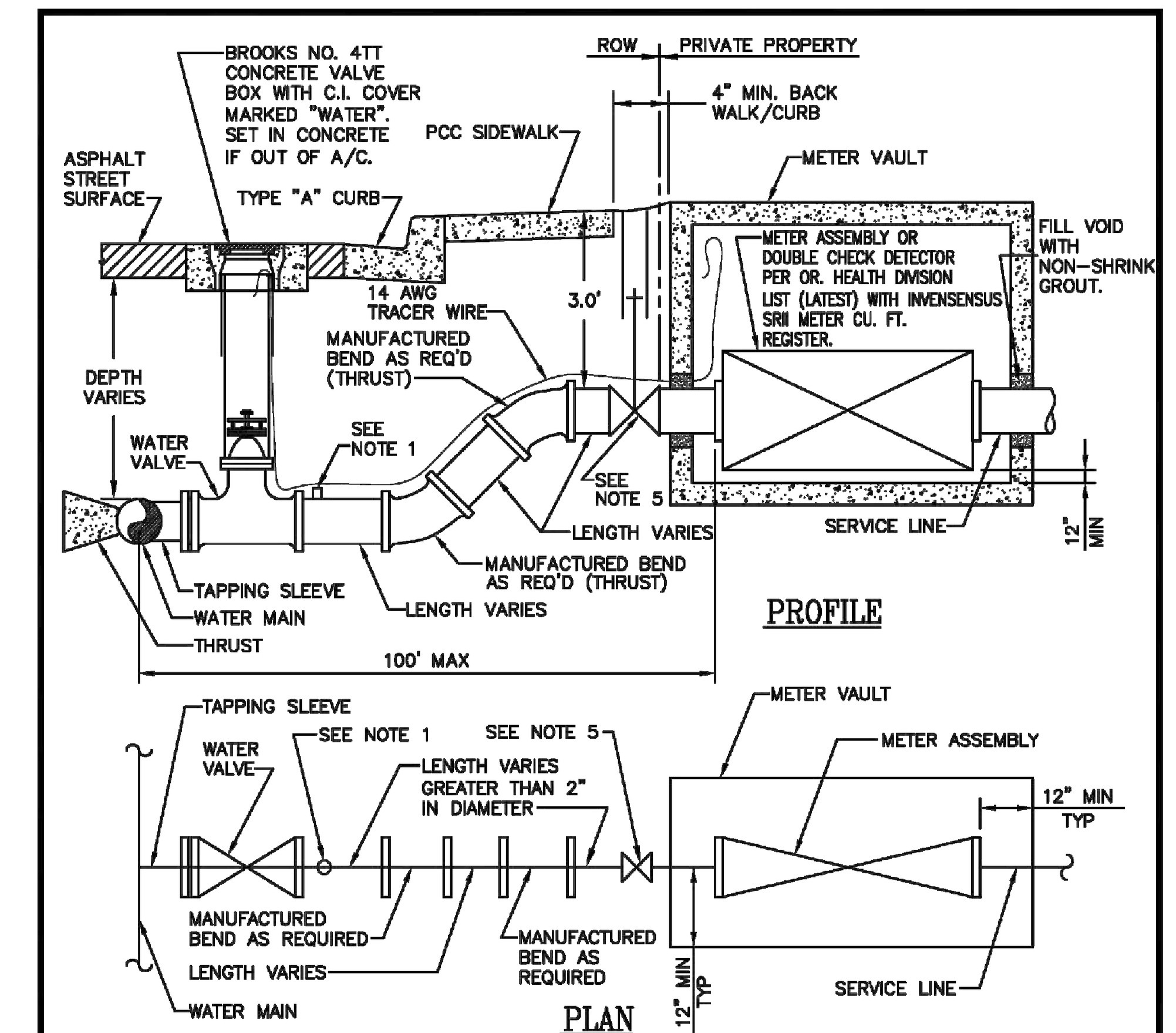
2" MAIN TAP

#	FITTING	QTY	FORD	A.Y. McDONALD	MUELLER
1	Saddle Main size OD" x 2" IP Tap Romac 202S	1			
2	Corp Stop 2" IP x 2" IP	1	FB500–7 MIPT	3131B 2" MIPT	B–2969 2"MIPT
3	Pipe 2" PVC Sch80 with Sch 80 fittings or 2" IPS PE or 2" Cu tubing type K soft				
4	2" Brass Adapter/Bushing/Coupling for connection/reduction				
	or				
5	2" IPS PE or Cu tubing for connection,reduction		C86–77–IDR–7	4753–33 2"	E–15429
6	2" Water Detectotape				
7	14 gauge x 1 Blue UF Irr Cont Wire				
	2" SERVICE SETTING				
8	Angle Meter Valve 2" Fip x Flg	1	BFA13–777W	4604B 2"	B–24286
9	Spacer PVC 2" or Idler	1	Idler–7	N/A	N/A
10	Angle Meter Coupling 2" Fip x Flg	1	LF31–77	4783FF 2"	2" H–14204
11	Pipe 2" PVC Sch80 with Sch80 fittings	1.5			
12	PVC 2" Sch80 Adapter/Bushing/Coupling for connection/reduction				
	or				
13	2" IPS PE or Cu tubing type K soft	1.5			
14	Brass 2" IPS PE or Cu tubing size FOrd/McDonald/Mueller fittings for connection/reduction				
15	Plug 2" Brass	1			
	METER BOXES		ARMORCAST		
16	2" & 3" Box Body	2	P6001534X28		
17	2" & 3" Box S–Cover	1			
18	2" & 3" Box St–Lid	1			
	or				
19	2" & 3" Traffic Cover	1	A6001947T–H7		

CITY OF KLAMATH FALLS

MK	Date	Revision:
2	2/11	5th EDITION
1	6/06	4th EDITION

WATER SERVICE CONNECTION RESIDENTIAL FITTINGS & BOXES
Drwn. By: GDG · Date: 1/2002 · Drwg. No.: 7-100c
Approved By: Don Wilcox



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

WATER SERVICE CONNECTION GREATER THAN 2" & FIRE SERVICE
Drwn. By: GDG · Date: 1/2002 · Drwg. No.: 7-105
Approved By: Don Wilcox

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
Drwn. By: GDG · Date: 1/2002 · Drwg. No.: 7-105a
Approved By: Don Wilcox

CONSTRUCTION NOTES

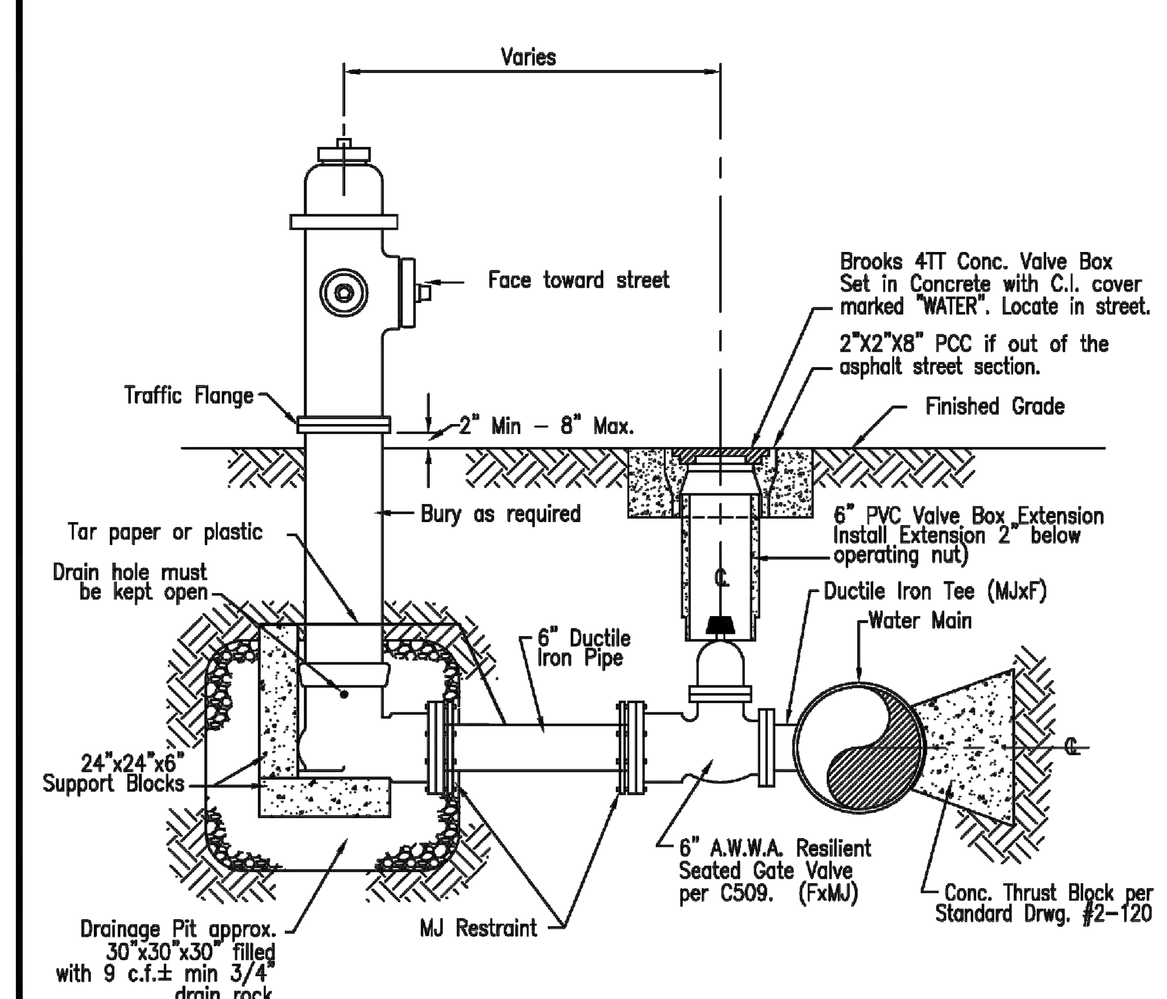
FOR THE INSTALLATION OF FIRE SERVICES, OR SERVICE LINE GREATER THAN 2" (CONTINUED)

15. ALL VAULTS SHALL BE MANUFACTURED BY UTILITY VAULT COMPANY OR A COMPATIBLE EQUAL. APPROVAL OF EQUALS REQUIRED.
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.
18. FOR FIRE SERVICES INSIDE A BUILDING:
    - SENSUS SRII TRPL 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:
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
Drwn. By: GDG · Date: 1/2002 · Drwg. No.: 7-105b
Approved By: Don Wilcox



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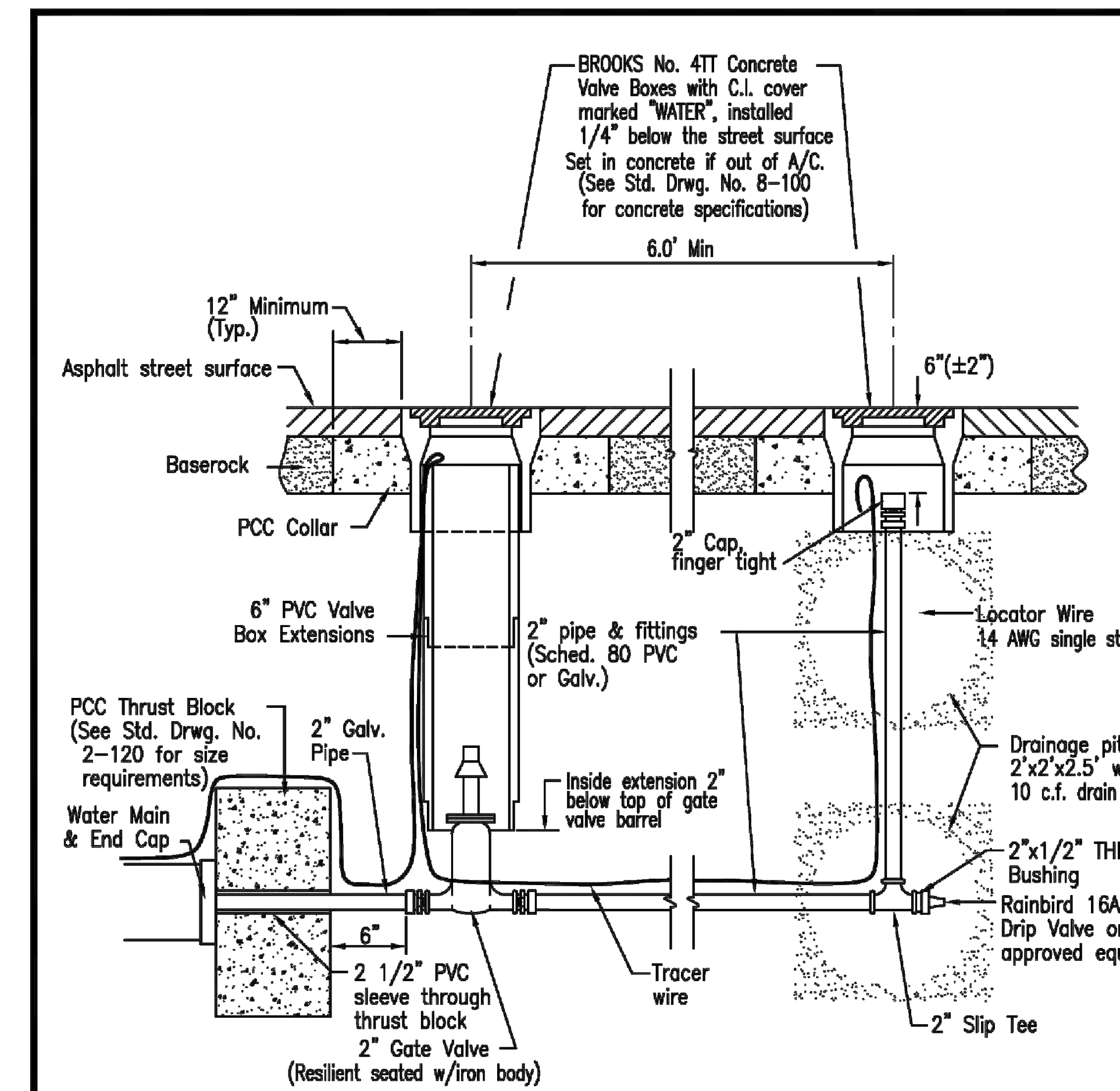
2	6/05	3rd EDITION
1	6/04	2nd EDITION

FIRE HYDRANT ASSEMBLY
Drwn. By: GDG · Date: 1/2002 · Drwg. No.: 7-110
Approved By: Don Wilcox



NOTES:

1. Blow–offs located outside of roadway shall have a raised pad around valve box, conforming to the gate valve box shown above.
2. Tracer wire shall be extended 24" above finished surface on both ends and left coiled under the valve box lids.

CITY OF KLAMATH FALLS

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

BLOW–OFF ASSEMBLY
Drwn. By: GDG · Date: 1/2002 · Drwg. No.: 7-115
Approved By: Don Wilcox

PIVOT ARCHITECTURE

FOR INFORMATION ONLY

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST. KLAMATH FALLS, OR 97603

SHEET TITLE:
AGENCY STANDARD DETAILS

REVISIONS:
DESCRP. DATE

ISSUE DATE: 08.01.2025

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PRINTED ON:
SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED
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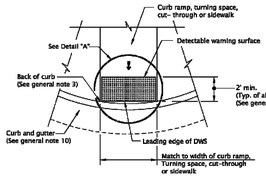
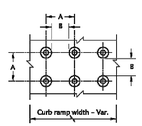


DETECTABLE WARNING SURFACE DETAIL

	A	B	C	D	E
MIN.	1.50"	0.65"	0.45"	0.90"	0.20"
MAX.	2.40"	—	0.91"	1.40"	0.20"



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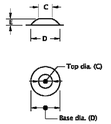

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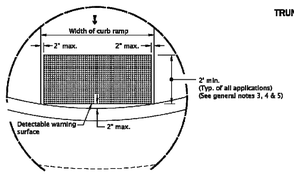
TRUNCATED DOME DETAILS



DETAIL "A"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Detectable warning surface details & locations are based on applicable ODOT Standards.
2. See project plans for details not shown. See Std. Dwgs. RD700 & 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 ft. 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 within¼ 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 notes. 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 Std. Dwg. 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 Std. Dwgs. RD850, 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% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Running slope 7.5% max. (Max. 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

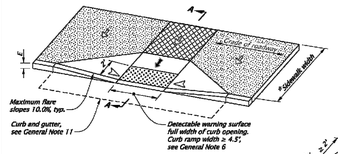
2021

DATE	REVISION DESCRIPTION
07-2020	NEW DRAWING CREATED
01-2021	REVISED DETAILS AND NOTES

CALC BOOK NO. N/A — DGN DATE: 10-JUL-2023 — **RD902**

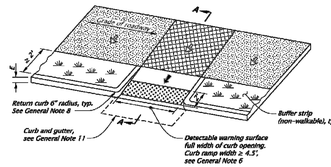
Effective Date: June 1, 2023 – November 30, 2023

RD910.dgn 10-JAN-2025

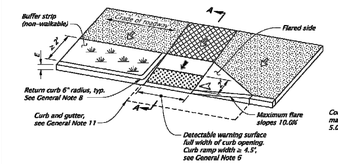


PERPENDICULAR CURB RAMP DETAIL

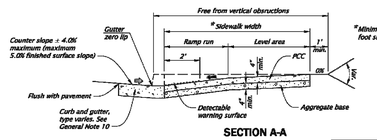
(Use "Parallel Curb Ramp Detail" or "Combination Curb Ramp Detail" when required turning space cannot be obtained)



PERPENDICULAR CURB RAMP THROUGH BUFFER STRIP



PERPENDICULAR CURB RAMP WITH SINGLE FLARE



SECTION A-A

**Minimum width of 14.25 foot sidewalk for E–7".*

LEGEND:

- Sidewalk
- Detectable warning surface (DWS)
- Level area (Turning space/landing) Unobstructed 4.5' x 4.5'

  With obstruction 4.5' x 5.5' (longer dimension in direction of pedestrian street crossing).

  For the purposes of this application, a maximum 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- 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)
- Counter slope 4.0% maximum ascending or descending (Maximum 5.0% finished surface slope) Slope as required for drainage
- Flare slope (Maximum 10.0% finished surface slope)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. *Curb ramp details are based on applicable ODOT standards.*
2. *See project plans for details not shown. See drawings RD700 and RD701 for curbs. See drawings RD720 and RD721 for sidewalks. See drawings RD902 through RD908 for detectable warning surface installation details. See drawings RD912 through RD916 for curb ramp placement options.*
3. *Site conditions normally require a project specific design. See project plans for details not shown.*
4. *Tooled dummy joints are required at all curb ramp slope break lines. See drawing RD722.*
5. *Curb ramp slopes shown are relative to the true level horizon (zero bubble).*
6. *Place detectable warning surface at the back of curb for a minimum depth of 2 feet in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.*
7. *Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.*
8. *Return curb may be provided in lieu of flared slope only if protected from traverse travel by softscape, see drawing RD721. Return curb shall not reduce width of approaching sidewalk.*
9. *Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp opening will be greater than or equal to 8 feet wide. See drawings RD904 and RD909 for additional details.*
10. *Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.*
11. *On or along state highways, curb and gutter is required at curb ramps. Curb and gutter shall be flush with the adjacent pavement.*

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

PERPENDICULAR CURB RAMP

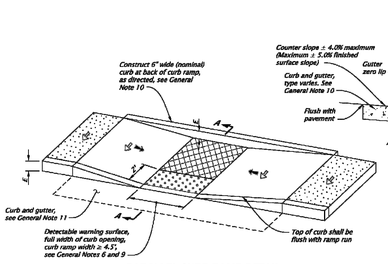
2024

DATE	REVISION DESCRIPTION
01-2025	UPDATED CAD STANDARDS

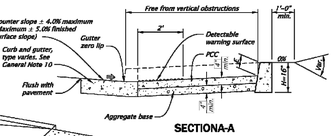
CALC BOOK NO. N/A — DGN DATE: 10-JAN-2025 — **RD910**

Effective Date: June 1, 2025 – November 30, 2025

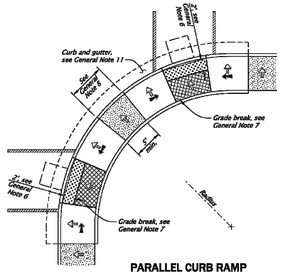
RD920.dgn 10-JAN-2025



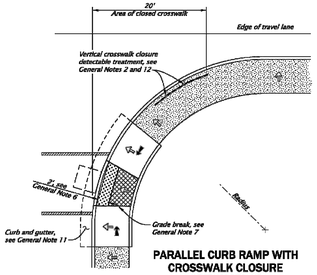
PARALLEL CURB RAMP DETAIL



SECTION A-A



PARALLEL CURB RAMP OPTION "PL-1"



PARALLEL CURB RAMP WITH CROSSWALK CLOSURE OPTION "PL-2"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. *Curb ramp details are based on applicable ODOT Standards.*
2. *See drawings RD700 and RD701 for curbs. See drawings RD720 and RD721 for sidewalks. See drawings RD902 through RD908 for detectable warning surface installation details. See drawing TM240 for crosswalk closure detail.*
3. *Site conditions normally require a project specific design. See project plans for details not shown.*
4. *Tooled dummy joints are required at all curb ramp grade break lines, see drawing RD722.*
5. *Curb ramp slopes shown are relative to the true level horizon (zero bubble).*
6. *Place detectable warning surface at the back of curb for a minimum depth of 2 feet in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.*
7. *Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.*
8. *When two ramp runs are immediately adjacent, the curb exposure (E) between the adjacent side may range between 3 inches and full design exposure.*
9. *Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp opening will be greater than or equal to 8 feet wide. See drawing RD909 for additional details.*
10. *Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.*
11. *On or along state highways, curb and gutter is required at curb ramps. Curb and gutter shall be flush with the adjacent pavement.*
12. *Install crashworthy vertical crosswalk closure detectable treatment approved by road authority.*

LEGEND:

- Sidewalk
- Detectable warning surface (DWS)
- Level area (Turning space/landing) Unobstructed 4.5' x 4.5'

  With obstruction 4.5' x 5.5' (longer dimension in direction of pedestrian street crossing).

  For the purposes of this application, a maximum 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- 4'x4' clear space
- 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)
- Counter slope 4.0% maximum ascending or descending (Maximum 5.0% finished surface slope) (Slope as required for drainage)

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

PARALLEL CURB RAMP

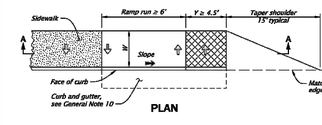
2024

DATE	REVISION DESCRIPTION
01-2025	UPDATED CAD STANDARDS

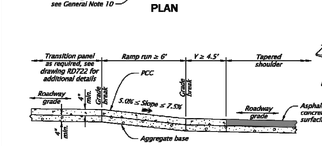
CALC BOOK NO. N/A — DGN DATE: 10-JAN-2025 — **RD920**

Effective Date: June 1, 2025 – November 30, 2025

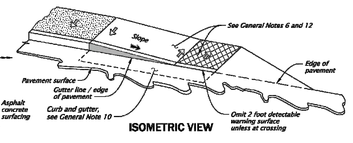
RD950.dgn 10-JAN-2025



PLAN

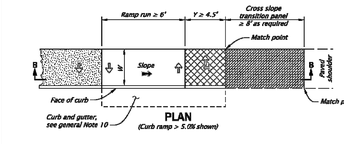


SECTION A-A

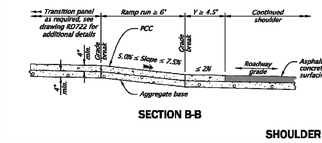


ISOMETRIC VIEW

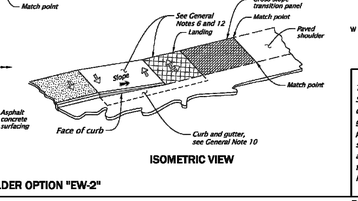
TAPER OPTION "EW-1"



PLAN
(Curb ramp > 5.0% shown)



SECTION B-B



ISOMETRIC VIEW

SHOULDER OPTION "EW-2"

LEGEND:

- Sidewalk
- Transition panel
- Level area (Turning space/landing) Unobstructed 4.5' x 4.5'

  With obstruction 4.5' x 5.5' (longer dimension in direction of pedestrian street crossing).

  For the purposes of this application, a maximum 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- 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)
- W — New construction sidewalk width. See contract plans for dimension.

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

END OF WALK CURB RAMP

2024

DATE	REVISION DESCRIPTION
01-2025	UPDATED CAD STANDARDS

CALC BOOK NO. N/A — DGN DATE: 10-JAN-2025 — **RD950**

Effective Date: June 1, 2025 – November 30, 2025

PRINTED ON: SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED

FROM FILE:

PIVOT ARCHITECTURE

FOR INFORMATION ONLY

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

AGENCY STANDARD DETAILS

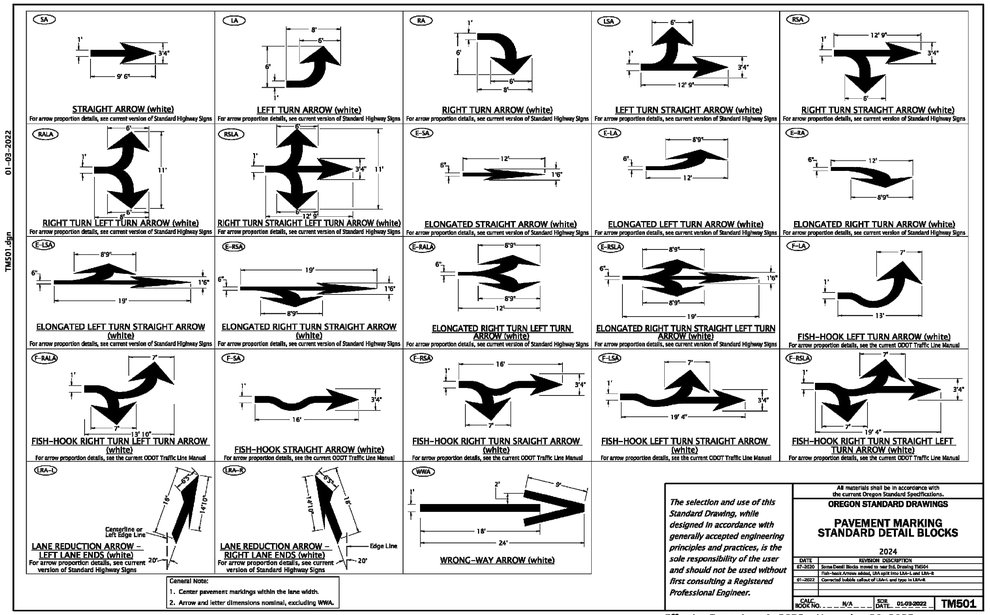
REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C602

TM501.dgn 01-03-2022



General Note:
1. Center pavement markings within the lane width.
2. Arrow and letter dimensions nominal, excluding WWA.

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

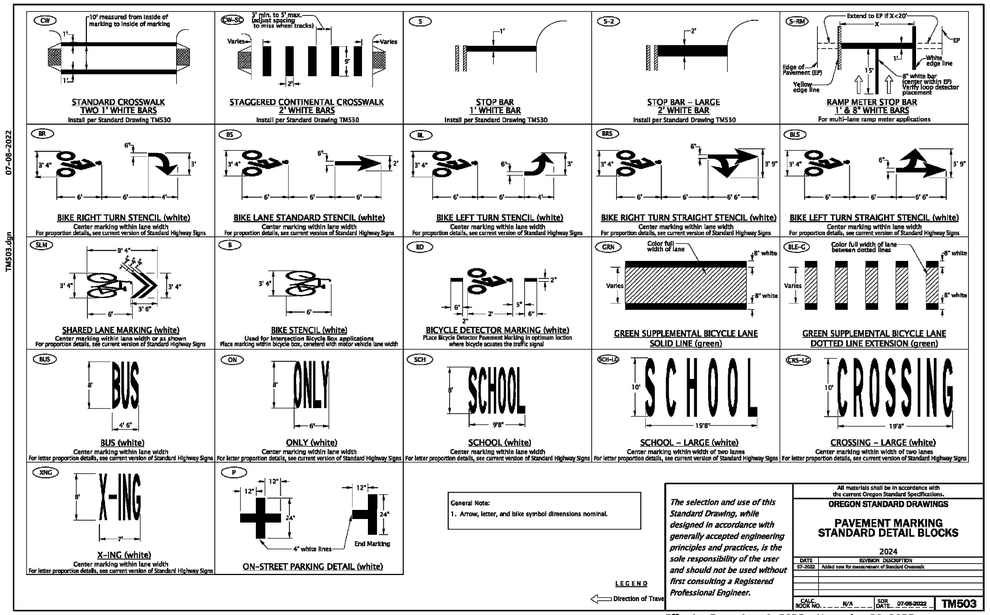
2024

DATE	REVISION DESCRIPTION
07-2020	Snow Dwell Blocks moved to new ESL Drawing TM504
	Fish-hook Arrows added, LRA split into LRA-1 and LRA-R
01-2021	Corrected bubble callout of 10in1 and typo in LRA-R

CALC BOOK NO. N/A DATE DATE: 01-03-2022 **TM501**

Effective Date: June 1, 2025 – November 30, 2025

TM503.dgn 07-08-2022



General Note:
1. Arrow, letter, and bike 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

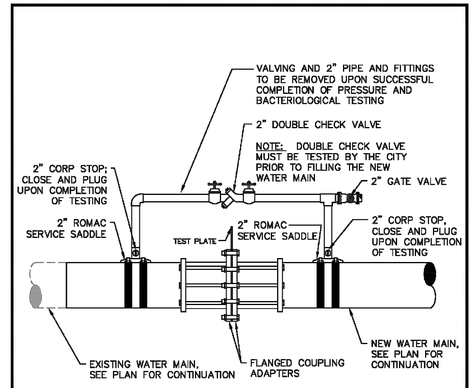
PAVEMENT MARKING STANDARD DETAIL BLOCKS

2024

DATE	REVISION DESCRIPTION
07-2022	Added note for measurement of Standard Crosswalk

CALC BOOK NO. N/A DATE DATE: 07-08-2022 **TM503**

Effective Date: June 1, 2025 – November 30, 2025



CITY OF KLAMATH FALLS

TESTING PLATE

Date	Revision:
1	3/10 5th EDITION

Dwn. By: JDH
Date: 12/2009
Dwg. No.: **7-102**
Approved By: *Don Wilcox*

PRINTED ON:
SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED
FROM FILE:

PIVOT ARCHITECTURE

FOR INFORMATION ONLY

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-8381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

AGENCY STANDARD DETAILS

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C603

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

EROSION AND SEDIMENT CONTROL PLAN

7390 S 6TH ST, KLAMATH FALLS, OR 97603

PROJECT INFORMATION

EROSION AND SEDIMENT CONTROL PLAN SHEET INDEX

PROJECT TEAM

CIVIL ENGINEER OF RECORD
ZACHARY A. STOKES, PE
CONTACT: MALIA WATERS
ZCS
900 KLAMATH AVE
KLAMATH FALLS, OR 97601
(541) 884-7421

OWNER/OWNER REPRESENTATIVE
KLAMATH COMMUNITY COLLEGE
CONTACT: NATHAN BUCKLEY
7390 S 6TH STREET
KLAMATH FALLS, OR 97603
(541) 880-2244

ARCHITECT
JOHN STAPLETON, AIA
CONTACT: KAREN WILLIAMS, AIA
PIVOT ARCHITECTURE
44 W BROADWAY #300
EUGENE, OR 97401
(541) 342-7291

CM/GC
TBD

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

PROJECT INFORMATION

SITE LOCATION:	KLAMATH COMMUNITY COLLEGE 7390 S 6TH ST, KLAMATH FALLS, OR 97603 KLAMATH COUNTY LATITUDE = 42.1962 LONGITUDE =-121.7009
TAX MAP(S)/TAX LOT(S):	T39S - R09E - S12, LOT 102
SITE ACREAGE:	±50.00 ACRES
ZONING:	CG - GENERAL COMMERCIAL RH - HIGH DENSITY RESIDENTIAL
TOTAL DISTURBED AREA:	±268,400 SF = ±6.16 ACRES
NRCS SITE SOIL CLASSIFICATIONS:	CALIMUS FINE SANDY LOAM (6A) - 15.6% OF SITE 0 - 2% SLOPES, HYDROLOGIC SOIL GROUP 'B' 'K' FACTOR = .20 'T' FACTOR = 5 FORDNEY LOAMY FINE SAND (19A) - 55.3% OF SITE 0 - 2% SLOPES, HYDROLOGIC SOIL GROUP 'A' 'K' FACTOR = .17 'T' FACTOR = 5 MODOC FINE SANDY LOAM (58B) - 29.1% OF SITE 2 - 5% SLOPES, HYDROLOGIC SOIL GROUP 'C' 'K' FACTOR = .28 'T' FACTOR = 2
NEARBY WATER BODIES:	ONSITE WATER BODY - MASTER PLAN STORM FACILITY RECEIVING WATER BODY - "A" CANAL DOWNSTREAM WATER BODY - UPPER KLAMATH LAKE 303(d) LIST ID#: OR_LK_1801020303_05_100375
CLOSEST RAIN GAUGE:	SUNSET SOUTH - KORKLAMA216 1256 FT ELEVATION 42.19° N, 121.72° W https://www.wunderground.com/dashboard/pws/KORKLAMA216
NAICS CODE:	611210 SIC CODE: 8222

POTENTIAL POLLUTANT GENERATING MATERIALS ANTICIPATED TO BE USED ON-SITE:

- SEDIMENT FROM DEMOLITION AND GRADING ACTIVITIES
- FERTILIZERS
- PESTICIDES
- PAINTS
- CAULKS
- CLEANING SOLVENTS
- FUELS
- HYDRAULIC FLUID
- ASPHALT AND CONCRETE MATERIALS AND WASTES
- GREEN WASTE

ATTENTION:
CONTRACTOR TO CONTACT OWNER AS NECESSARY TO UPDATE POLLUTANT GENERATING MATERIALS LIST WITH DEQ'S ONLINE SYSTEM

PROJECT SPECIFIC ESC INFORMATION

NATURE OF CONSTRUCTION ACTIVITIES AND ESTIMATED TIME TABLE

- DEMOLITION AND EARTHWORK
  (SEPTEMBER 2026 THROUGH NOVEMBER 2026)
- FOUNDATION
  (OCTOBER 2026 THROUGH NOVEMBER 2026)
- VERTICAL CONSTRUCTION
  (NOVEMBER 2026 THROUGH AUGUST 2027)
- PAVING AND UTILITIES
  (APRIL 2027 THROUGH AUGUST 2027)
- FINAL LANDSCAPING & STABILIZATION
  (JULY 2027 THROUGH SEPTEMBER 2027)
- CLOSEOUT
  (SEPTEMBER 2027)

BMP MATRIX FOR CONSTRUCTION PHASES

REVISED BY DEQ 12/15/20

REFER TO DEQ GUIDANCE MANUAL FOR A COMPREHENSIVE LIST OF AVAILABLE BMP'S.

THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200-C PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200-C PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200-C PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.

	EXISTING CONDITIONS & MOBILIZATION	DEMO, CLEARING & GRADING	EXCAVATION & LAND DEVELOPMENT	PAVING & UTILITIES	VERTICAL CONSTRUCTION	LANDSCAPING & FINAL STABILIZATION
EROSION PREVENTION						
GROUND COVER	X	X	X	X	X	X
PLASTIC SHEETING			X	X	X	
DUST CONTROL	X	X	X	X	X	
TEMPORARY STABILIZATION		X	X			
PERMANENT STABILIZATION		X	X	X	X	X
TREE PROTECTION						
SEDIMENT CONTROL						
PERIMETER SED FENCE	X*	X	X	X	X	X
INTERIOR SED FENCE						
STRAW WATTLES						
INLET PROTECTION	X*	X	X	X	X	
RUNOFF CONTROL						
CONSTRUCTION ENTRANCE	X*	X	X			
(e) OUTLET PROTECTION	X*	X	X	X	X	
NEW OUTLET PROTECTION				X	X	
(e) INLET PROTECTION	X*	X	X	X	X	
NEW INLET PROTECTION				X	X	
POLLUTION PREVENTION						
HZD/WASTE MANAGEMENT	X	X	X	X	X	X
SPILL KIT ONSITE	X	X	X	X	X	X
CONCRETE TRUCK WASHOUT				X	X	

* SIGNIFIES BMP THAT WILL BE INSTALLED PRIOR TO ANY GROUND DISTURBING ACTIVITY.

THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200-C PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200-C PERMIT REQUIREMENTS, IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200-C PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.

HAZARDOUS SPILL RESPONSE PLAN:

EMERGENCY COMMUNICATIONS

- CALL 911 FOR MEDICAL EMERGENCY AND PUBLIC SAFETY ASSISTANCE FROM LOCAL FIRE, POLICE, AND MEDICAL SERVICES.
- IMMEDIATELY REPORT THE SPILL, OR THREATENED SPILL, TO OREGON EMERGENCY RESPONSE SYSTEM (OERS), 1-800-452-0311, WHEN THE SPILL OR THREAT OF A SPILL INCLUDES;
  a. ANY AMOUNT OF OIL TO WATERS OF THE STATE
  b. OIL SPILLS ON LAND IN EXCESS OF 42 GALLONS
  c. HAZARDOUS MATERIALS THAT ARE EQUAL TO THE CODE OF FEDERAL REGULATIONS, 40 CFR PART 302 (LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES), AND AMENDMENTS ADOPTED BEFORE JULY 1, 2002

ACTIONS TO TAKE

- MOVE AWAY FROM, OR UPWIND OF, THE SPILL IF YOU DETECT AN ODOR AND ARE UNSURE IF IT IS SAFE.
- AVOID CONTACT WITH LIQUIDS OR FUMES.
- KEEP NON-EMERGENCY PEOPLE OUT OF THE AREA.
- CONTROL AND CONTAIN THE SPILL.
- CLEAN-UP WHAT YOU CAN IMMEDIATELY.
- REMOVE CLEAN-UP MATERIALS TO AN APPROVED FACILITY, SUCH AS A SOLID OR HAZARDOUS WATER LANDFILL OR RECYCLING FACILITY. SAVE YOUR RECEIPTS FOR DOCUMENTATION.
- CONTINUE WITH LONG-TERM CLEAN UP MEASURES.
- FILE A COMPLETED SPILL RESPONSE REPORT FORM WITH DEQ AS REQUIRED.

EMERGENCY PROPERTY OWNER REPRESENTATIVES

- NATHAN BUCKLEY (KLAMATH COMMUNITY COLLEGE, FACILITIES DIRECTOR)
  (541) 880-2244
- MALIA WATERS (ZCS, ESCP PREPARER)
  (541) 500-8588

PROJECT SPECIFIC ESC INFORMATION

PERMITTEE'S SITE INSPECTOR

NAME:	TO BE DETERMINED
COMPANY:	TO BE DETERMINED TO BE DETERMINED TO BE DETERMINED
PHONE:	TO BE DETERMINED
EMAIL:	TO BE DETERMINED
CERTIFICATION:	TO BE DETERMINED
EXPIRES:	TO BE DETERMINED

RATIONALE STATEMENT

A COMPREHENSIVE LIST OF AVAILABLE BEST MANAGEMENT PRACTICES (BMP) OPTIONS BASED ON DEQ'S GUIDANCE MANUAL HAS BEEN REVIEWED TO COMPLETE THIS EROSION AND SEDIMENT CONTROL PLAN, SOME OF THE ABOVE LISTED BMP'S WERE NOT CHOSEN BECAUSE THEY WERE DETERMINED TO NOT EFFECTIVELY MANAGE EROSION PREVENTION AND SEDIMENT CONTROL FOR THIS PROJECT BASED ON SPECIFIC SITE CONDITIONS, INCLUDING SOIL CONDITIONS TOPOGRAPHIC CONSTRAINTS, ACCESSIBILITY TO THE SITE, AND OTHER RELATED CONDITIONS, AS THE PROJECT PROGRESSES AND THERE IS A NEED TO REVISE THE ESC PLAN, AN ACTION PLAN WILL BE SUBMITTED.

INITIAL _____

INSPECTION FREQUENCY TABLE

REVISED BY DEQ 12/15/20

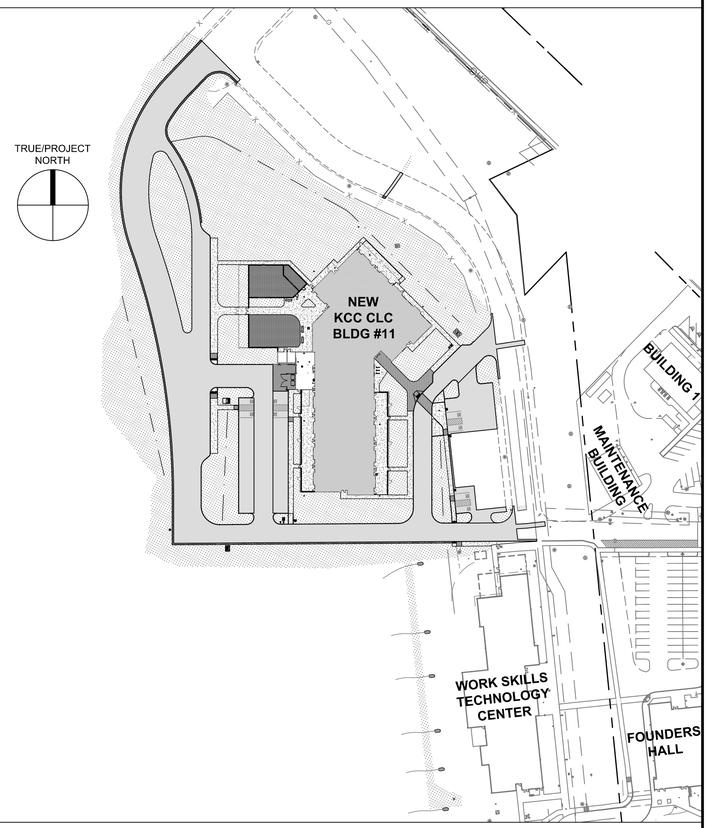
SITE CONDITION	MINIMUM FREQUENCY
ACTIVE PERIOD	ON INITIAL DATE THAT LAND DISTURBANCE ACTIVITIES COMMENCE. WITHIN 24 HOURS OF ANY STORM EVENT, INCLUDING RUNOFF FROM SNOW MELT, THAT RESULTS IN DISCHARGE FROM THE SITE, AT LEAST ONCE EVERY FOURTEEN (14) DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING.
INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS	THE INSPECTOR MAY REDUCE THE FREQUENCY OF INSPECTIONS IN ANY AREA OF THE SITE WHERE THE STABILIZATION STEPS IN SECTION 2.2.20 HAVE BEEN COMPLETED TO TWICE PER MONTH FOR THE FIRST MONTH, NO LESS THAN 14 CALENDAR DAYS APART, THEN ONCE PER MONTH.
PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER	IF SAFE, ACCESSIBLE, AND PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT DISCHARGE POINT OR DOWNSTREAM LOCATION OF THE RECEIVING WATERBODY.
PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE SUSPENDED AND RUNOFF IS UNLIKELY DUE TO FROZEN CONDITIONS	VISUAL MONITORING INSPECTIONS MAY BE TEMPORARILY SUSPENDED. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.
PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE CONDUCTED AND RUNOFF IS UNLIKELY DURING FROZEN CONDITIONS	VISUAL MONITORING INSPECTIONS MAY BE REDUCED TO ONCE A MONTH. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.

- HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS.
- ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS.
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS.
- RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION.

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).

VICINITY MAP

SITE PLAN



PRINTED ON: SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-638I-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:
ESCP - COVER SHEET

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C700

DEQ 1200-C GENERAL EROSION CONTROL NOTES:

REVISED 12/15/2020

1. INCLUDE A LIST OF ALL PERSONNEL (BY NAME AND POSITION) THAT ARE RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND MAINTENANCE OF STORMWATER CONTROL MEASURES (E.G. ESCP DEVELOPER, BMP INSTALLER [SECTION 4.10]), AS WELL AS THEIR INDIVIDUAL RESPONSIBILITIES. [SECTION 4.4.c.ii]
2. VISUAL MONITORING INSPECTION REPORTS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS. [SECTION 6.5]
3. INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. [SECTION 6.5.q]
4. RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. [SECTION 4.7]
5. THE PERMIT REGISTRANT MUST IMPLEMENT THE ESP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. [SECTIONS 4 AND 4.11]
6. THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS. [SECTION 4.8]
7. SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMITTAL ALL NECESSARY REVISIONS TO DEQ OR AGENT WITHIN 10 DAYS. [SECTION 4.9]
8. SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. [SECTION 2.2.2]
9. CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM BYPASSING CONTROLS AND PONDING. [SECTION 2.2.3]
10. IDENTIFY, MARK, AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G. WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER ZONES. [SECTION 2.2.1]
11. PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING AND CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. [SECTION 2.2.5]
12. MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITHIN 50-FEET OF WATERS OF THE STATE. [SECTION 2.2.4]
13. INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION, AS WELL AS SEDIMENT BASINS, TRAPS, AND BARRIERS PRIOR TO LAND DISTURBANCE. [SECTION 2.1.3]
14. CONTROL BOTH PEAK FLOW RATE AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM CHANNELS AND STREAM BANKS. [SECTIONS 2.1.1 AND 2.2.16]
15. CONTROL SEDIMENT AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY. [SECTIONS 2.2.6 AND 2.2.13]
16. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. [SECTION 2.3.7]
17. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATION MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UNVEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS. [SECTIONS 2.2.20 AND 2.2.21]
18. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. [SECTION 2.3.7]
19. KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND CLOSE LIDS AT THE END OF THE BUSINESS DAY FOR THOSE CONTAINERS THAT ARE ACTIVELY USED THROUGHOUT THE DAY. FOR WASTE CONTAINERS THAT DO NOT HAVE LIDS, PROVIDE EITHER (1) COVER (E.G. A TARP, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS (E.G. SECONDARY CONTAINMENT). [SECTION 2.3.7]
20. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMP'S SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMP'S MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES. [SECTION 2.2.7]
21. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. [SECTION 2.2.7.f]
22. CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE, I.E. CONCRETE WASHOUT, WASTEWATER FROM CLEANOUT OF STUCCO, PAINT AND CURING COMPOUNDS. [SECTIONS 1.5 AND 2.3.9]
23. ENSURE THAT STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES AREA NOT OCCURRING ARE NOT DISTURBED. [SECTION 2.2.10]
24. PREVENT SOIL COMPACTION IN AREAS WHERE POST-CONSTRUCTION INFILTRATION ARE TO BE INSTALLED. [SECTION 2.2.12]
25. USE BMP'S TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER, PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS. [SECTIONS 2.2.15 AND 2.3]
26. PROVIDE PLANS FOR SEDIMENTATION BASINS THAT HAVE BEEN DESIGNED PER SECTION 2.2.17 AND STAMPED BY AN OREGON PROFESSIONAL ENGINEER. [SECTION 2.2.17.a]
27. IF ENGINEERED SOILS ARE USED ON SITE, A SEDIMENTATION BASIN/IMPOUNDMENT MUST BE INSTALLED. [SECTIONS 2.2.17 AND 2.2.18]
28. PROVIDE A DEWATERING PLAN FOR ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE DUE TO SHALLOW EXCAVATION ACTIVITIES. [SECTION 2.4]
29. IMPLEMENT THE FOLLOWING BMP'S WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. [SECTION 2.3]
30. USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. [SECTION 2.2.9]

DEQ 1200-C GENERAL EROSION CONTROL NOTES (CONTINUED):

31. THE APPLICATION RATE OF FERTILIZERS USED TO RE-ESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. [SECTION 2.3.5]
32. IF AN ACTIVE TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN ENVIRONMENTAL MANAGEMENT PLAN APPROVAL FROM DEQ PRIOR TO OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. [SECTION 1.2.9]
33. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THE SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. [SECTION 2.2]
34. AS NEEDED BASED ON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMP'S MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. [SECTION 2.2.8]
35. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVEGROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. [SECTION 2.1.5.b]
36. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. [SECTION 2.1.5.c]
37. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. [SECTION 2.1.5.d]
38. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT REOCCURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN-UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIMEFRAME. [SECTION 2.2.19.a]
39. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. [SECTION 2.2.19]
40. DOCUMENT ANY PORTION(S) OF THE SITE WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE TEMPORARILY INACTIVE FOR 14 OR MORE CALENDAR DAYS. [SECTION 6.5.f]
41. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. [SECTION 2.2.20]
42. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED, ALL TEMPORARY EROSION CONTROLS AND RETAINED SOILS MUST BE REMOVED AND DISPOSED OF PROPERLY, UNLESS NEEDED FOR LONG TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE. [SECTION 2.2.21]

EROSION AND SEDIMENT CONTROL BMP IMPLEMENTATION NOTES:

1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. ALL "SEDIMENT BARRIERS (TO BE INSTALLED AFTER GRADING)" SHALL BE INSTALLED IMMEDIATELY FOLLOWING ESTABLISHMENT OF FINISHED GRADE AS SHOWN ON THESE PLANS.
3. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATION MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UNVEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS.
4. STORM WATER FACILITIES SHALL BE CONSTRUCTED AND LANDSCAPED PRIOR TO THE STORM WATER SYSTEM FUNCTIONING AND SITE PAVING.
5. INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING ACTIVITIES.
6. ALL ESC MEASURES AT NEW STORM DRAIN SYSTEM CATCH BASINS AND DOWNSTREAM OFF-SITE CULVERTS SHALL REMAIN IN PLACE UNTIL ALL PHASES OF CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND ASPHALT/CONCRETE/LANDSCAPING HAS BEEN INSTALLED.
7. THE ABOVE REQUIREMENTS SHALL BE CONSIDERED A MINIMUM. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL MEASURES AS REQUIRED TO FACILITATE CONSTRUCTION. ALL COSTS FOR EROSION CONTROL MEASURES SHALL BE BORN BY THE CONTRACTOR.
8. THIS PLAN HAS BEEN PREPARED TO ADDRESS THE OVERALL PRIMARY EROSION CONTROL MEASURES THAT MUST BE IMPLEMENTED FOR CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST SPECIFIC EROSION CONTROL MEASURES TO ACCOMMODATE FOR ADDITIONAL PHASED CONSTRUCTION. ANY MODIFICATIONS TO THIS PLAN SHALL BE REVIEWED AND APPROVED BY THE AGENCIES HAVING JURISDICTION AND THE PROJECT ENGINEER PRIOR TO COMMENCEMENT OF WORK.

PRE-CONSTRUCTION, CLEARING, & DEMOLITION NOTES:

1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. SEDIMENT BARRIERS APPROVED FOR USE INCLUDE SEDIMENT FENCE, BERMS CONSTRUCTED OUT OF MULCH, CHIPPINGS, OR OTHER SUITABLE MATERIAL, STRAW WATTLES, OR OTHER APPROVED MATERIALS.
3. SENSITIVE RESOURCES INCLUDING, BUT NOT LIMITED TO, TREES, WETLANDS, AND RIPARIAN PROTECTION AREAS SHALL BE CLEARLY DELINEATED WITH ORANGE CONSTRUCTION FENCING OR CHAIN LINK FENCING IN A MANNER THAT IS CLEARLY VISIBLE TO ANYONE IN THE AREA. NO ACTIVITIES ARE PERMITTED TO OCCUR BEYOND THE CONSTRUCTION BARRIER.
4. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, STREET SWEEPING, AND VACUUMING, MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
5. RUN-ON AND RUN-OFF CONTROLS SHALL BE IN PLACE AND FUNCTIONING PRIOR TO BEGINNING SUBSTANTIAL CONSTRUCTION ACTIVITIES. RUN-ON AND RUN-OFF CONTROL MEASURES INCLUDE: SLOPE DRAINS (WITH OUTLET PROTECTION), CHECK DAMS, SURFACE ROUGHENING, AND BANK STABILIZATION.

GRADING, PAVEMENT, AND UTILITY EROSION AND SEDIMENT CONSTRUCTION NOTES:

1. SEED USED FOR TEMPORARY OR PERMANENT SEEDING SHALL BE COMPOSED OF ONE OF THE FOLLOWING MIXTURES, UNLESS OTHERWISE AUTHORIZED:
   - A. VEGETATED CORRIDOR AREAS REQUIRE NATIVE SEED MIXES. SEE RESTORATION PLAN FOR APPROPRIATE SEED MIX.
   - B. DWARF GRASS MIX (MIN. 100 LB./AC.)
     - DWARF PERENNIAL RYEGRASS (80% BY WEIGHT)
     - CREEPING RED FESCUE (20% BY WEIGHT)
   - C. STANDARD HEIGHT GRASS MIX (MIN. 100LB./AC.)
     - ANNUAL RYEGRASS (40% BY WEIGHT)
     - TURF-TYPE FESCUE (60% BY WEIGHT)
2. SLOPE TO RECEIVE TEMPORARY OR PERMANENT SEEDING SHALL HAVE THE SURFACE ROUGHENED BY MEANS OF TRACK-WALKING OR THE USE OF OTHER APPROVED IMPLEMENTS. SURFACE ROUGHENING IMPROVES SEED BEDDING AND REDUCES RUN-OFF VELOCITY.
3. LONG TERM SLOPE STABILIZATION MEASURES SHALL INCLUDE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER VIA SEEDING WITH APPROVED MIX AND APPLICATION RATE.
4. TEMPORARY SLOPE STABILIZATION MEASURES SHALL INCLUDE: COVERING EXPOSED SOIL WITH PLASTIC SHEETING, STRAW MULCHING, WOOD CHIPS, OR OTHER APPROVED MEASURES.
5. STOCKPILED SOIL OR STRIPPINGS SHALL BE PLACED IN A STABLE LOCATION AND CONFIGURATION. STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING OR STRAW MULCH. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
6. EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS OR MATS, MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES.
7. AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, PLASTIC SHEETING, STRAW MULCHING, OR OTHER APPROVED MEASURES.
8. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, TIRE WASHES, STREET SWEEPING, AND VACUUMING MAY BE BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
9. ACTIVE INLETS TO STORM WATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED AS NEEDED.
10. SATURATED MATERIALS THAT ARE HAULED OFF-SITE MUST BE TRANSPORTED IN WATER-TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT-LADEN WATER.
11. AN AREA SHALL BE PROVIDED FOR THE WASHING OUT OF CONCRETE TRUCKS IN A LOCATION THAT DOES NOT PROVIDE RUN-OFF THAT CAN ENTER THE STORM WATER SYSTEM. IF THE CONCRETE WASH-OUT AREA CAN NOT BE CONSTRUCTED GREATER THAN 50' FROM ANY DISCHARGE POINT, SECONDARY MEASURES SUCH AS BERMS OR TEMPORARY SETTLING PITS MAY BE REQUIRED. THE WASH-OUT SHALL BE LOCATED WITHIN SIX FEET OF TRUCK ACCESS AND BE CLEANED WHEN IT REACHES 50% OF THE CAPACITY.
12. SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORM WATER SYSTEM. SWEEPINGS SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
13. AVOID PAVING IN WET WEATHER WHEN PAVING CHEMICALS CAN RUN-OFF INTO THE STORM WATER SYSTEM.
14. USE BMPS SUCH AS CHECK-DAMS, BERMS, AND INLET PROTECTION TO PREVENT RUN-OFF FROM REACHING DISCHARGE POINTS.
15. COVER CATCH BASINS, MANHOLES, AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORM WATER SYSTEM.

ENGINEERED SOILS ANTICIPATED TO BE USED ON-SITE:

NO ENGINEERED SOILS ARE PLANNED TO BE USED DURING CONSTRUCTION. IF CONTRACTOR DETERMINES THE USE OF ENGINEERED SOILS IS REQUIRED, CONTACT THE ENGINEER OF RECORD. AN AMENDMENT TO THIS PLAN WILL BE REQUIRED AND DEQ WILL BE NOTIFIED.

POLLUTION PREVENTION CONTROLS:

PROVIDE AN EFFECTIVE MEANS OF ELIMINATING THE DISCHARGE OF ANY WASTE FROM ANY ACTIVITIES PERFORMED ON SITE BY IMPLEMENTING THE FOLLOWING:

a. LOCATE ACTIVITIES AWAY FROM WATERS OF THE STATE AND STORMWATER INLETS OR CONVEYANCES SO THAT STORMWATER COMING INTO CONTACT WITH THESE ACTIVITIES CANNOT REACH WATERS OF THE STATE;
b. ENSURE ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO HANDLE SPILLS, LEAKS, AND DISPOSAL OF LIQUIDS, AND PROVIDE SECONDARY CONTAINMENT (E.G. SPILL BERMS, DECKS, SPILL CONTAINMENT PALLETS);
c. HAVE A SPILL KIT AVAILABLE ON SITE AND ENSURE PERSONNEL ARE AVAILABLE TO RESPOND EXPEDITIOUSLY IN THE EVENT OF A LEAK OR SPILL;
d. CLEAN UP SPILLS OR CONTAMINATED SURFACES IMMEDIATELY USING DRY CLEAN UP MEASURES (DO NOT CLEAN CONTAMINATED SURFACES BY HOSING THE AREA DOWN), AND ELIMINATE THE SOURCE OF THE SPILL TO PREVENT A DISCHARGE OR A CONTINUATION OF AN ONGOING DISCHARGE; AND
e. STORE MATERIALS IN A COVERED AREA (E.G. PLASTIC SHEETING, TEMPORARY ROOFS), OR IN SECONDARY CONTAINMENT TO PREVENT THE EXPOSURE OF THESE CONTAINERS TO PRECIPITATION OR STORMWATER RUNOFF, OR A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS FROM THESES AREAS.

AUTHORIZED NON-STORMWATER DISCHARGES:

THE FOLLOWING NON-STORMWATER DISCHARGES FROM CONSTRUCTION SITES ARE AUTHORIZED IF THE TERMS AND CONDITIONS OF THIS PERMIT ARE MET, ALL NECESSARY CONTROLS ARE IMPLEMENTED TO MINIMIZE SEDIMENT TRANSPORT, THE DISCHARGE IS NOT A SIGNIFICANT SOURCE OF POLLUTANTS AND NOT CONTAMINATED, AND THE DISCHARGE IS PROHIBITED BY LOCAL ORDINANCE:

- WATER AND ASSOCIATED DISCHARGES FROM EMERGENCY FIREFIGHTING ACTIVITIES
- FIRE HYDRANT FLUSHING
- PROPERLY MANAGED LANDSCAPE IRRIGATION
- WATER USED TO WASH EQUIPMENT AND VEHICLES (EXCLUDING THE ENGINE, UNDERCARRIAGE, AND WHEELS/TIRES) PROVIDED THERE IS NO DISCHARGE OF SOAPS, SOLVENTS, OR DETERGENTS USED
- WATER TO CONTROL DUST
- POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS
- EXTERNAL BUILDING WASHDOWN, PROVIDED SOAPS, SOLVENTS, AND DETERGENTS ARE NOT USED, AND EXTERNAL SURFACES DO NOT CONTAIN HAZARDOUS SUBSTANCES
- PAVEMENT WASH WATERS, PROVIDED SPILLS OR LEAKS OF TOXIC OR HAZARDOUS SUBSTANCES HAVE NOT OCCURRED (UNLESS ALL SPILL MATERIAL HAS BEEN REMOVED) AND WHERE SOAPS, SOLVENTS, AND DETERGENTS ARE NOT USED
- UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE
- FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS OR CONTAMINATED GROUNDWATER

PROHIBITED DISCHARGES:

THE FOLLOWING DISCHARGES ARE PROHIBITED DISCHARGES AND ARE NOT AUTHORIZED BY THIS PERMIT. TO PREVENT THESE DISCHARGES, REGISTRANTS MUST COMPLY WITH THE APPLICABLE POLLUTION PREVENTION REQUIREMENTS IN SECTION 2.3:

- VISUALLY TURBID DISCHARGE OR DISCHARGE OF SEDIMENT (SEE SECTION 2.2.11) FROM THE CONSTRUCTION SITE TO SURFACE WATERS OR A CONVEYANCE SYSTEM THAT LEADS TO WATERS OF THE STATE
- CAUSING OR CONTRIBUTING TO AN EXCEEDANCE OF ANY APPLICABLE WATER QUALITY STANDARD
- CONCRETE WASTEWATER FROM WASHING TOOLS AND VEHICLES AFTER POURING, PREPPING, OR FINISHING CONCRETE
- WASTEWATER FROM WASHING AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS
- FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE
- SOAPS, SOLVENTS, OR DETERGENTS USED IN VEHICLE AND EQUIPMENT WASHING OR EXTERNAL BUILDING WASHDOWN
- WHEEL/TIRE WASH WASTEWATER, UNLESS THE DISCHARGE OF WHEEL WASH OR TIRE BATH WASTEWATER IS TO A SEPARATE TREATMENT SYSTEM THAT PREVENTS DISCHARGE TO SURFACE WATER, SUCH AS CLOSED-LOOP RECIRCULATION OR UPLAND LAND APPLICATION, OR TO THE SANITARY SEWER WITH APPROVAL FROM THE LOCAL JURISDICTION
- HYDRO-DEMOLITION WATER AND SAW-CUTTING SLURRY
- TOXICS OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE

DEWATERING REQUIREMENT CONSTRUCTION NOTES:

PER DEQ 1200C PERMIT SECTION 2.4:

THIS SECTION PERTAINS TO ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER DUE TO SHALLOW EXCAVATION ACTIVITIES, NOT FOR THE LOWERING OF CONTAMINATED GROUNDWATER (SEE SECTION 1.2.9). REGISTRANT MUST COMPLY WITH THE FOLLOWING REQUIREMENTS TO PREVENT THE DISCHARGE OF POLLUTANTS IN GROUNDWATER OR ACCUMULATED STORMWATER THAT IS REMOVED FROM EXCAVATIONS, TRENCHES, FOUNDATIONS, VAULTS, OR OTHER SIMILAR POINTS OF ACCUMULATION, IN ACCORDANCE WITH SECTION 1.5.

a. TO THE EXTENT FEASIBLE, USE VEGETATED, UPLAND AREAS OF THE SITE TO INFILTRATE DEWATERING WATER BEFORE DISCHARGE. THE REGISTRANT IS PROHIBITED FROM USING WATERS OF THE STATE AS PART OF THE TREATMENT AREA;
b. IMPLEMENT THE APPROPRIATE CONTROL MEASURES FOR DEWATERING DISCHARGES TO PREVENT THE DISCHARGE OF POLLUTANTS;
c. DO NOT DISCHARGE VISIBLE FLOATING SOLIDS OR FOAM;
d. USE AN OIL-WATER SEPARATOR OR SUITABLE FILTRATION DEVICE (SUCH AS A CARTRIDGE FILTER) THAT IS DESIGNED TO REMOVE OIL, GREASE, OR OTHER PRODUCTS IF DEWATERING WATER IS FOUND TO CONTAIN THESE MATERIALS;
e. AT ALL POINTS WHERE DEWATERING WATER IS DISCHARGED, COMPLY WITH THE VELOCITY DISSIPATION REQUIREMENTS OF SECTION 2.2.16;
f. WITH BACKWASH WATER, EITHER HAUL IT AWAY FOR DISPOSAL OR RETURN IT TO THE BEGINNING OF THE TREATMENT PROCESS;
g. REPLACE AND CLEAN THE FILTER MEDIA USED IN DEWATERING DEVICES WHEN THE PRESSURE DIFFERENTIAL EQUALS OR EXCEEDS THE MANUFACTURER'S SPECIFICATIONS;
h. IF THERE IS NO ALTERNATIVE OPTION, THE USE OF A SANITARY OR COMBINED SEWER DISCHARGE IS AUTHORIZED WITH LOCAL SEWER DISTRICT APPROVAL; AND
i. ACTIVE TREATMENT SYSTEMS FOR TURBIDITY OR ANY OTHER POLLUTANTS MUST BE DESIGNED AND STAMPED BY AN OREGON REGISTERED PROFESSIONAL ENGINEER.

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FROM FILE:

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-638I-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

ESCP - NOTES

REVISIONS:

#	DESCRP.	DATE

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C701

LEGEND

EXISTING

LINE TYPES:

- LIMITS OF WORK (±6.16ACRES)
- PROPERTY LINE
- 4180 SURFACE CONTOUR - MAJOR
- 4178 SURFACE CONTOUR - MINOR
- CURB
- DRAINAGE SWALE
- EASEMENT
- EDGE OF PAVEMENT
- X FENCING
- CTV CABLE TELEVISION - BURIED
- COMM COMMUNICATIONS - BURIED
- CON CONDUIT - BURIED
- FO FIBER - BURIED
- IRR IRRIGATION
- G NATURAL GAS
- P POWER - BURIED
- OHP POWER - OVERHEAD
- SS SANITARY SEWER - GRAVITY
- SD STORM SEWER
- W WATER - POTABLE

LINE TYPES:

- S SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- D STORM DRAIN MANHOLE
- CATCH BASIN
- POWER METER
- JUNCTION BOX
- POWER/UTILITY POLE
- POWER TRANSFORMER
- GUY WIRE
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- IRRIGATION VALVE
- SITE LIGHT
- SIGN
- TREE - DECIDUOUS
- TREE - CONIFER

PHASE SUMMARY INFORMATION:

PHASE 1 - EXISTING CONDITIONS

- EXISTING SITE CONSISTS OF A GENTLY SLOPED GRASSY FIELD AND THE ADJACENT COMMUNITY COLLEGE CAMPUS, WHICH CONSISTS OF SEVERAL BUILDINGS, PEDESTRIAN CONCRETE PATHWAYS, ADJACENT ROADWAYS, AND ASPHALT PARKING AND DRIVE AISLES. THE SURROUNDING VEGETATION IS A MIX OF GRASSES AND A LIMITED NUMBER OF TREES.

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PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

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SHEET TITLE:
ESCP - EXISTING CONDITIONS

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PHASE SPECIFIC CONSTRUCTION

HATCHES & LINE TYPES:

- ASPHALT PAVEMENT TO BE REMOVED
- CONCRETE PAVEMENT TO BE REMOVED
- GRAVEL PAVEMENT TO BE REMOVED
- APPROX. LIMITS OF CLEARING AND GRUBBING
- FENCING TO BE REMOVED

SYMBOLS:

- TREE TO BE REMOVED
- SITE LIGHT TO BE REMOVED

EROSION AND SEDIMENT CONTROL

HATCHES & LINE TYPES:

- TEMP. CONSTRUCTION ENTRANCE
- CONTRACTOR STAGING AREA
- SEDIMENT FENCE
- CONSTRUCTION SECURITY FENCE

SYMBOLS:

- TRAILER — CONSTRUCTION JOB TRAILER
- TRASH — TRASH BIN
- REC. — RECYCLING BIN
- PORTABLE RESTROOM
- INLET PROTECTION - CATCH BASIN
- EXISTING DRAINAGE FLOW DIRECTION

PHASE SUMMARY INFORMATION:

PHASE 2 - CONSTRUCTION STAGING & DEMOLITION

- HARDSCAPE SURFACES TO BE SAWCUT AND REMOVED FROM SITE AND RECYCLED AS APPROPRIATE.
- EXISTING GRASSY AREA TO BE CLEARED AND GRUBBED FOR NEW KCC CLC BUILDING.
- PORTIONS OF EXISTING FENCE, A FEW TREES, AND A LIGHT POLE TO BE REMOVED.
- TRENCHING FOR NEW UTILITY CONNECTIONS.
- CONSTRUCTION ENTRANCES TO BE INSTALLED.
- PERIMETER SEDIMENT FENCE TO BE INSTALLED.
- TEMPORARY PERIMETER CONSTRUCTION FENCE TO BE INSTALLED AS REQUIRED TO RESTRICT ACCESS.
- TEMPORARY CONTRACTOR STAGING AREAS TO BE INSTALLED (ONE LOCATED IN EXISTING PARKING LOT AND ONE LOCATED IN THE FUTURE HYDROSEEDED LAWN).
- INLET PROTECTION INSTALLED AT ALL EXISTING CATCH BASINS.

EROSION CONTROL NOTES:

EROSION AND SEDIMENT CONTROL NOTES:

1. CONSTRUCTION ENTRANCE PER ODOT RD1000/C709.
2. 'TYPE 3' INLET PROTECTION PER ODOT RD1010/C709.
4. PERIMETER SEDIMENT FENCE PER ODOT RD1040/C709.
7. PROVIDE TEMPORARY DUST CONTROL ON DISTURBED SURFACES CREATED BY GRADING ACTIVITIES.
9. PERIMETER SECURITY CONSTRUCTION FENCE AS REQUIRED TO RESTRICT ACCESS.
10. APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND PARKING.
11. FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH BASIN.
12. FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.

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PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER — OREGON — DIGITAL SIGNATURE — Zachary Stokes — EXPIRES: 06-30-26

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ZCS PROJECT #: K-8381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

ESCP - CONSTRUCTION STAGING & DEMOLITION PHASE

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C703

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PHASE SPECIFIC CONSTRUCTION

HATCHES & LINE TYPES:

- MASS GRADING
- 4180 — SURFACE CONTOUR - MAJOR
- 4178 — SURFACE CONTOUR - MINOR

EROSION AND SEDIMENT CONTROL

HATCHES & LINE TYPES:

- TEMP. CONSTRUCTION ENTRANCE
- CONTRACTOR STAGING AREA
- SEDIMENT FENCE
- x — CONSTRUCTION SECURITY FENCE

SYMBOLS:

- TRAILER — CONSTRUCTION JOB TRAILER
- TRASH — TRASH BIN
- REC. — RECYCLING BIN
- PORTABLE RESTROOM
- INLET PROTECTION - CATCH BASIN
- EXISTING DRAINAGE FLOW DIRECTION
- NEW DRAINAGE FLOW DIRECTION

PHASE SUMMARY INFORMATION:

PHASE 3 - CLEARING, GRADING, & EXCAVATION

- MASS GRADING TO OCCUR ACROSS LIMITS OF WORK IN PREPARATION FOR NEW KCC CLC BUILDING.
- CONTOURS SHOWN ARE TO FINISHED GRADE.
- FOUNDATION EXCAVATION IN PREPARATION FOR NEW KCC CLC BUILDING.

EROSION CONTROL NOTES:

-- *EROSION AND SEDIMENT CONTROL NOTES:*

1. CONSTRUCTION ENTRANCE PER ODOT RD1000/C709.
2. 'TYPE 3' INLET PROTECTION PER ODOT RD1010/C709.
4. PERIMETER SEDIMENT FENCE PER ODOT RD1040/C709.
7. PROVIDE TEMPORARY DUST CONTROL ON DISTURBED SURFACES CREATED BY GRADING ACTIVITIES.
9. PERIMETER SECURITY CONSTRUCTION FENCE AS REQUIRED TO RESTRICT ACCESS.
10. APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND PARKING.
11. FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH BASIN.
12. FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.

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EROSION AND SEDIMENT CONTROL

HATCHES & LINE TYPES:

- TEMP. CONSTRUCTION ENTRANCE
- TEMP. HYDROSEEDING
- MATERIAL STOCKPILE
- CONTRACTOR STAGING AREA
- SEDIMENT FENCE
- CONSTRUCTION SECURITY FENCE

SYMBOLS:

- TRAILER — CONSTRUCTION JOB TRAILER
- TRASH — TRASH BIN
- REC. — RECYCLING BIN
- PR — PORTABLE RESTROOM
- INLET PROTECTION - CATCH BASIN

PHASE SUMMARY INFORMATION:

PHASE 4 - SITE STABILIZATION

- STABILIZE MASS GRADED SURFACES USING PERMANENT HYDROSEED MIX, REFER TO LANDSCAPE PLANS.
- CONTRACTOR TO CONTINUE DUST CONTROL MAINTENANCE ON MASS GRADED SURFACES UNTIL PERMANENT IMPERVIOUS SURFACE COVERAGE IS COMPLETED.

EROSION CONTROL NOTES:

EROSION AND SEDIMENT CONTROL NOTES:

1. CONSTRUCTION ENTRANCE PER ODOT RD1000/C709.
2. 'TYPE 3' INLET PROTECTION PER ODOT RD1010/C709.
4. PERIMETER SEDIMENT FENCE PER ODOT RD1040/C709.
6. APPROXIMATE LOCATION OF MATERIAL STOCKPILE. FURNISH AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES AT ALL MATERIAL AND SPOIL STOCKPILES. COVER PILES WITH PLASTIC SHEETING AND STAKE PER ODOT DET6001.
7. PROVIDE TEMPORARY DUST CONTROL ON DISTURBED SURFACES CREATED BY GRADING ACTIVITIES.
8. DISTURBED SURFACES CREATED BY CUT ACTIVITIES SHOULD BE STABILIZED IMMEDIATELY FOLLOWING MASS EXCAVATION AND GRADING WORK. HYDROSEED DISTURBED SURFACES PER LANDSCAPE PLANS.
9. PERIMETER SECURITY CONSTRUCTION FENCE AS REQUIRED TO RESTRICT ACCESS.
10. APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND PARKING.
11. FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH BASIN.
12. FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.

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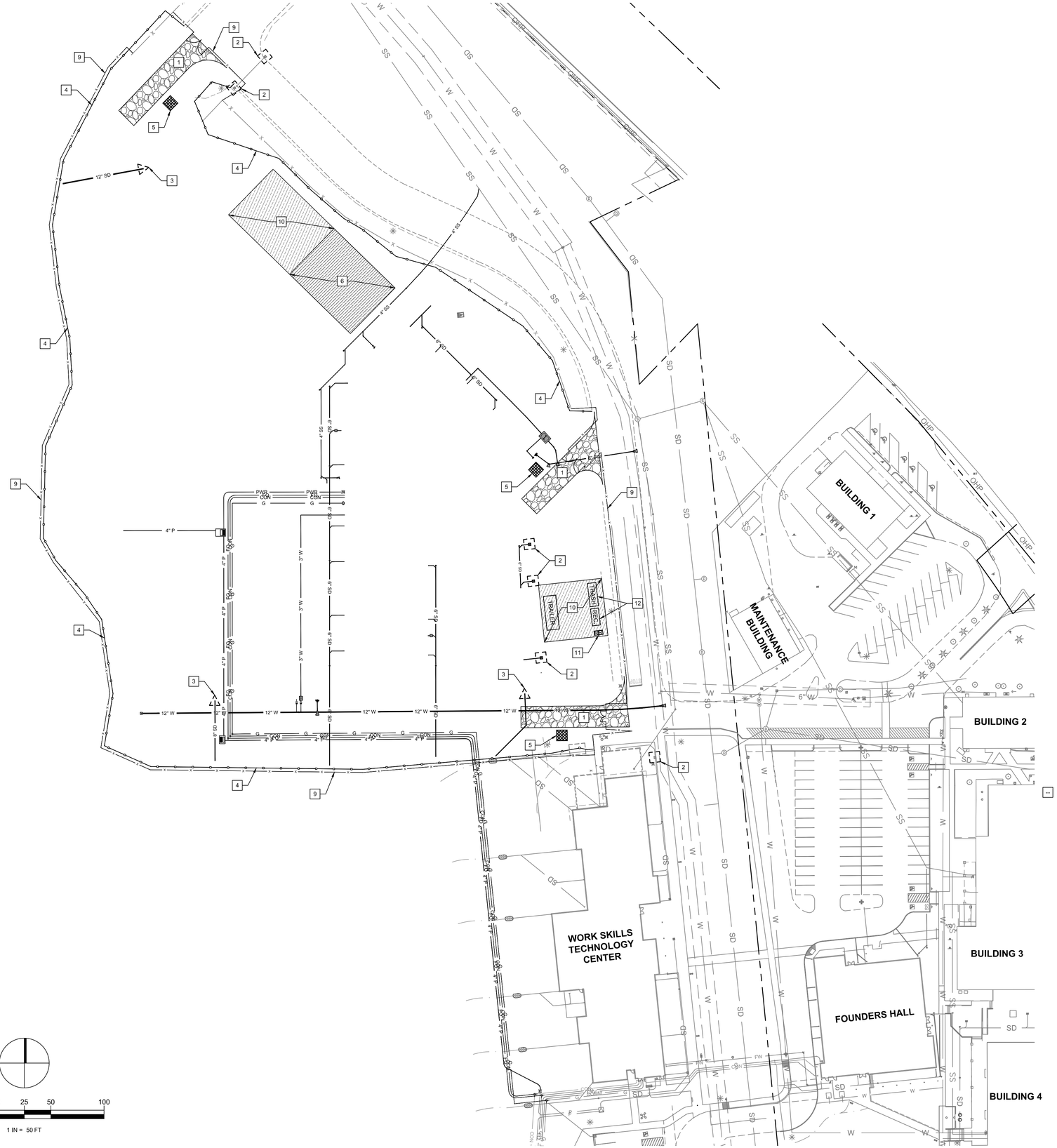

LEGEND

PHASE SPECIFIC CONSTRUCTION

LINE TYPES:

- EXISTING UTILITY TO REMAIN
- CONDUIT
- FIBER
- NATURAL GAS
- POWER - BURIED
- SANITARY SEWER
- STORM SEWER
- WATER - POTABLE
- WATER - FIRE

SYMBOLS:

- CLEANOUT TO GRADE
- CATCH BASIN
- STORM DRAIN CLEANOUT
- POWER METER
- JUNCTION BOX
- POWER TRANSFORMER & VAULT
- PULLBOX
- WATER METER
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- FIRE PROTECTION VAULT
- GAS METER

EROSION AND SEDIMENT CONTROL

HATCHES & LINE TYPES:

- TEMP. CONSTRUCTION ENTRANCE
- MATERIAL STOCKPILE
- CONTRACTOR STAGING AREA
- CONCRETE TRUCK WASHOUT
- SEDIMENT FENCE
- CONSTRUCTION SECURITY FENCE

SYMBOLS:

- CONSTRUCTION JOB TRAILER
- TRASH BIN
- RECYCLING BIN
- PORTABLE RESTROOM
- INLET PROTECTION - CATCH BASIN
- INLET PROTECTION - CULVERT

PHASE SUMMARY INFORMATION:

PHASE 5 - UTILITY INSTALLATION

- INSTALLATION OF ALL SITE UTILITIES INCLUDING PIPES, FIRE HYDRANTS, TRANSFORMERS, CLEANOUTS, ETC. ALL SITE UTILITIES ARE BURIED, NO OVERHEAD SERVICES.
  - DOMESTIC WATER
  - FIRE WATER
  - WASTEWATER
  - FRANCHISE UTILITIES
  - NATURAL GAS
- INSTALLATION OF STORMWATER COLLECTION AND CONVEYANCE SYSTEM INCLUDING PIPES, INLETS, AND CLEANOUTS.
- INSTALLATION OF UNDERSLAB UTILITIES (ALL).
- TRENCH BACKFILL MATERIAL WILL CONSIST OF CRUSHED ROCK (3/4" MINUS OR SIMILAR) OR CEMENT SLURRY.

EROSION CONTROL NOTES:

EROSION AND SEDIMENT CONTROL NOTES:

1. CONSTRUCTION ENTRANCE PER ODOT RD1000/C709.
2. 'TYPE 3' INLET PROTECTION PER ODOT RD1010/C709.
3. 'TYPE 4' INLET PROTECTION PER ODOT RD1015/C709.
4. PERIMETER SEDIMENT FENCE PER ODOT RD1040/C709.
5. CONCRETE TRUCK WASHOUT PER ODOT RD1070/C709.
6. APPROXIMATE LOCATION OF MATERIAL STOCKPILE. FURNISH AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES AT ALL MATERIAL AND SPOIL STOCKPILES. COVER PILES WITH PLASTIC SHEETING AND STAKE PER ODOT DET6001.
9. PERIMETER SECURITY CONSTRUCTION FENCE AS REQUIRED TO RESTRICT ACCESS.
10. APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND PARKING.
11. FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH BASIN.
12. FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.

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ZCS PROJECT #: K-638.1-24
KLAMATH COMMUNITY COLLEGE
7300 S 6TH ST, KLAMATH FALLS, OR 97603

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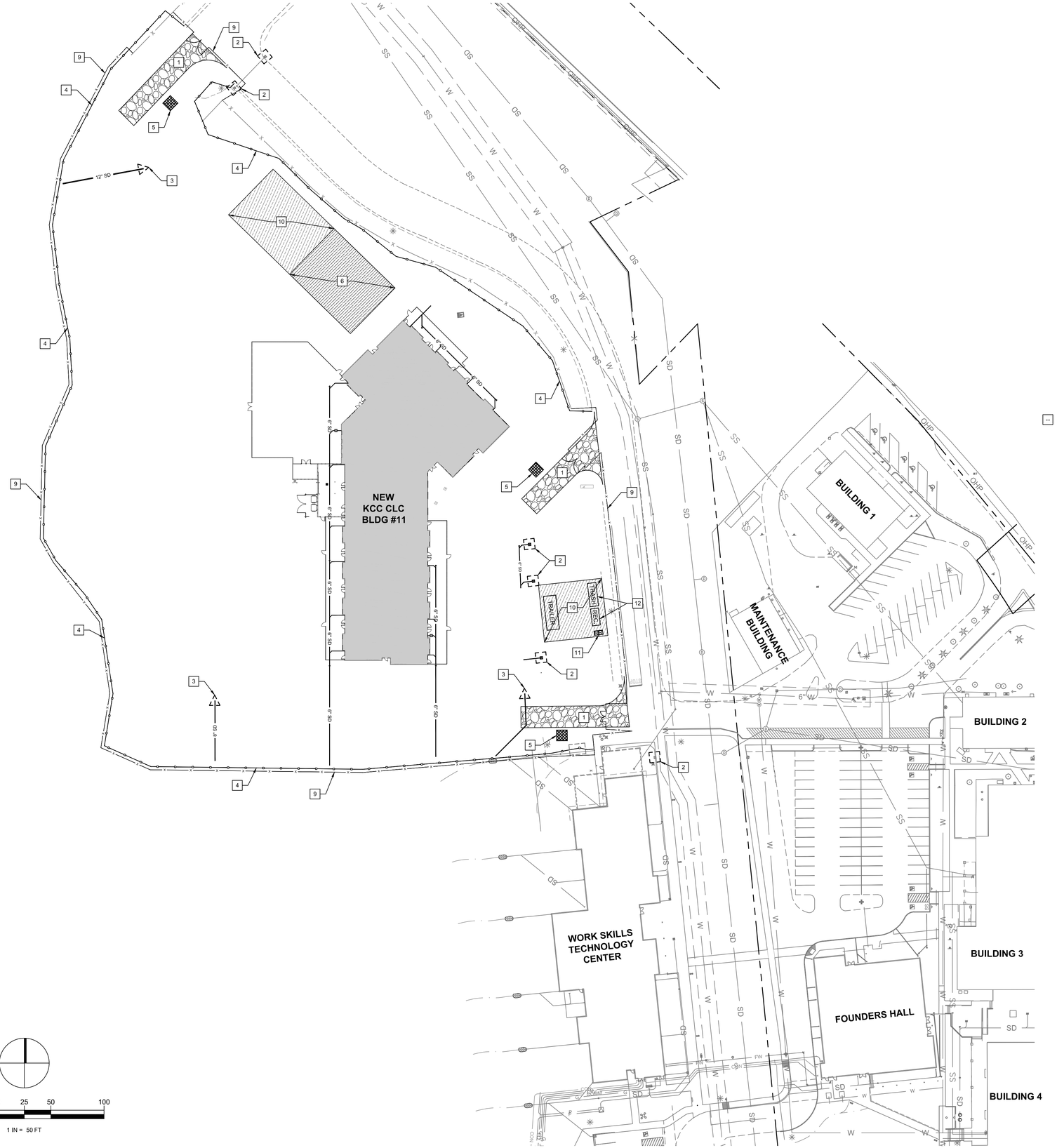

LEGEND

PHASE SPECIFIC CONSTRUCTION

HATCHES & LINE TYPES:

- BUILDING

EROSION AND SEDIMENT CONTROL

HATCHES & LINE TYPES:

- TEMP. CONSTRUCTION ENTRANCE
- MATERIAL STOCKPILE
- CONTRACTOR STAGING AREA
- CONCRETE TRUCK WASHOUT
- SEDIMENT FENCE
- CONSTRUCTION SECURITY FENCE

SYMBOLS:

- TRAILER — CONSTRUCTION JOB TRAILER
- TRASH — TRASH BIN
- REC. — RECYCLING BIN
- PORTABLE RESTROOM
- INLET PROTECTION - CATCH BASIN
- INLET PROTECTION - CULVERT

PHASE SUMMARY INFORMATION:

PHASE 6 - VERTICAL CONSTRUCTION

- INSTALLATION OF BUILDING FOOTINGS AND SLAB.
- CONSTRUCTION OF NEW KCC CLC BUILDING.

EROSION CONTROL NOTES:

EROSION AND SEDIMENT CONTROL NOTES:

1. CONSTRUCTION ENTRANCE PER ODOT RD1000/C709.
2. 'TYPE 3' INLET PROTECTION PER ODOT RD1010/C709.
3. 'TYPE 4' INLET PROTECTION PER ODOT RD1015/C709.
4. PERIMETER SEDIMENT FENCE PER ODOT RD1040/C709.
5. CONCRETE TRUCK WASHOUT PER ODOT RD1070/C709.
6. APPROXIMATE LOCATION OF MATERIAL STOCKPILE. FURNISH AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES AT ALL MATERIAL AND SPOIL STOCKPILES. COVER PILES WITH PLASTIC SHEETING AND STAKE PER ODOT DET6001.
9. PERIMETER SECURITY CONSTRUCTION FENCE AS REQUIRED TO RESTRICT ACCESS.
10. APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND PARKING.
11. FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH BASIN.
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KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

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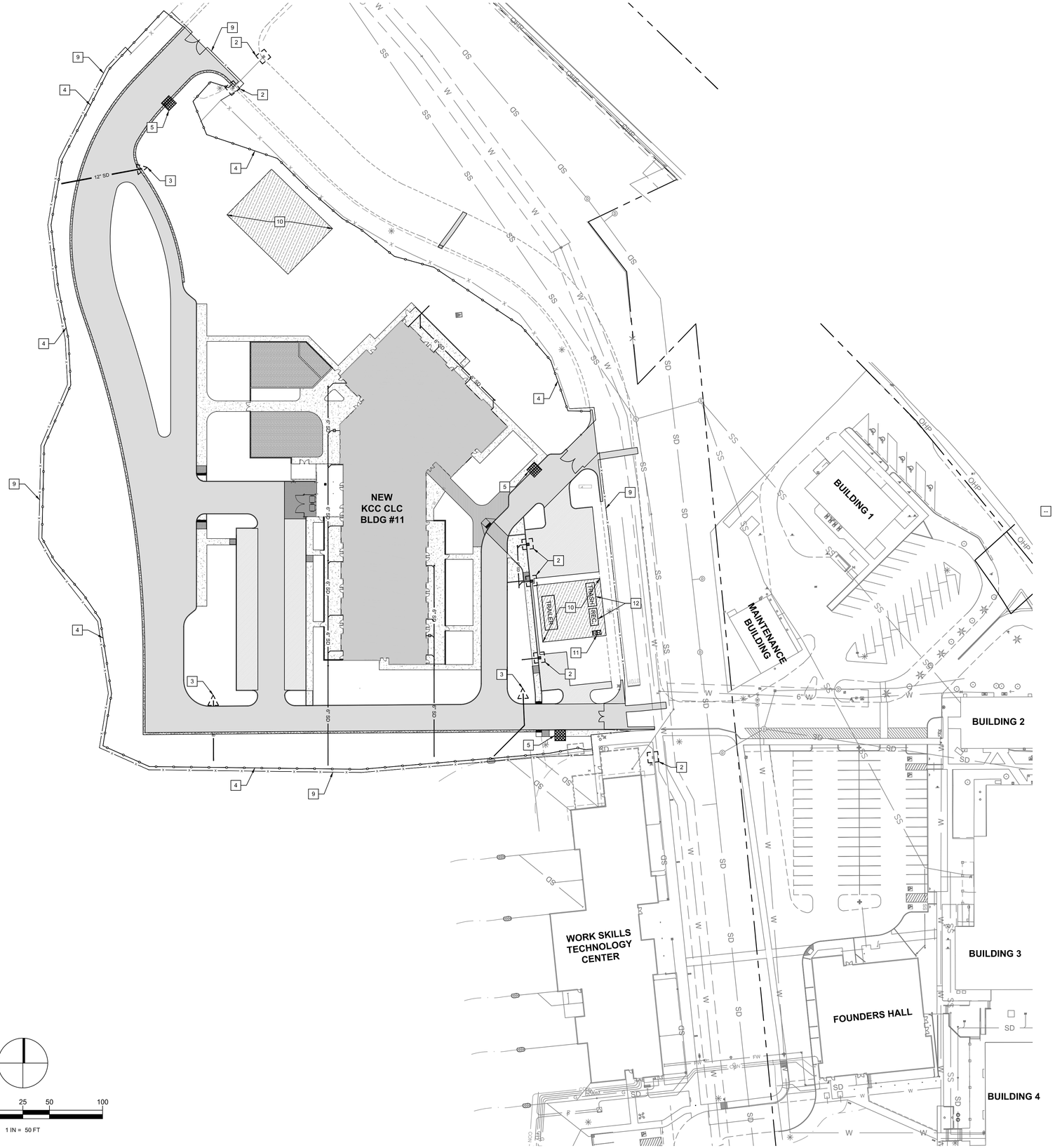

LEGEND

PHASE SPECIFIC CONSTRUCTION

HATCHES & LINE TYPES:

- REINFORCED CONCRETE PAVING
- CONCRETE SIDEWALK
- CONCRETE SIDEWALK - SNOWMELT
- ASPHALT PAVING - STANDARD DUTY
- ASPHALT PAVING - LIGHT DUTY
- GRAVEL PAVING
- NEW SYNTHETIC TURF
- CURB

EROSION AND SEDIMENT CONTROL

HATCHES & LINE TYPES:

- CONTRACTOR STAGING AREA
- CONCRETE TRUCK WASHOUT
- SEDIMENT FENCE
- CONSTRUCTION SECURITY FENCE

SYMBOLS:

- TRAILER — CONSTRUCTION JOB TRAILER
- TRASH — TRASH BIN
- REC. — RECYCLING BIN
- PORTABLE RESTROOM
- INLET PROTECTION - CATCH BASIN
- INLET PROTECTION - CULVERT

PHASE SUMMARY INFORMATION:

PHASE 7 - PAVING & FLATWORK

- INSTALLATION OF CURBS, ASPHALT ROADWAY AND PARKING AREA, REINFORCED CONCRETE TRASH ENCLOSURE, SIDEWALKS, RAMPS, AND GRAVEL SHOULDER.
- CONSTRUCTION OF PLAYGROUNDS.
- REMOVAL OF CONSTRUCTION ENTRANCES AT MAIN PROJECT SITE.

EROSION CONTROL NOTES:

-- *EROSION AND SEDIMENT CONTROL NOTES:*

2. 'TYPE 3' INLET PROTECTION PER ODOT RD1010/C709.
3. 'TYPE 4' INLET PROTECTION PER ODOT RD1015/C709.
4. PERIMETER SEDIMENT FENCE PER ODOT RD1040/C709.
5. CONCRETE TRUCK WASHOUT PER ODOT RD1070/C709.
9. PERIMETER SECURITY CONSTRUCTION FENCE AS REQUIRED TO RESTRICT ACCESS.
10. APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND PARKING.
11. FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH BASIN.
12. FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.

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REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

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BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:
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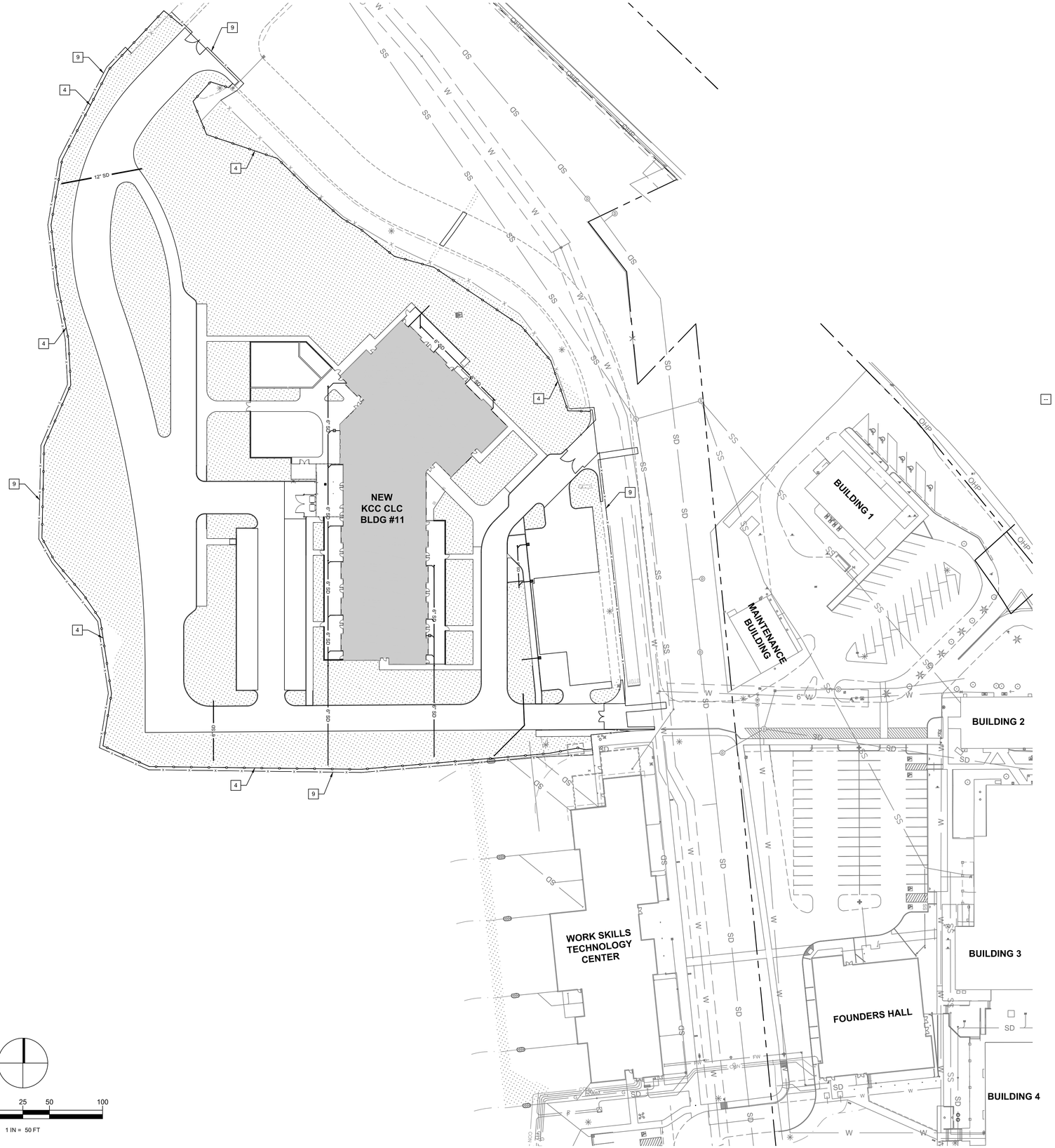

LEGEND

PHASE SPECIFIC CONSTRUCTION

HATCHES:

PERMANENT LANDSCAPING

EROSION AND SEDIMENT CONTROL

LINE TYPES:

SEDIMENT FENCE

CONSTRUCTION SECURITY FENCE

PHASE SUMMARY INFORMATION:

PHASE 8 - FINAL LANDSCAPING & STABILIZATION

- INSTALLATION OF IRRIGATION SYSTEM.
- INSTALLATION OF PERMANENT LANDSCAPE AREAS INCLUDING PLANT BEDS, LAWN, AND IMPROVEMENTS TO HYDROSEEDED AREAS.
- DISTURBED SURFACES SHALL BE SEEDED OR MULCHED (AS APPLICABLE) IMMEDIATELY AFTER SURFACE PREPARATION. MONITOR SEED GROWTH AND PROVIDE TEMPORARY IRRIGATION AS NECESSARY. ADDITIONAL SEEDING MAY BE REQUIRED TO OBTAIN ADEQUATE COVERAGE.
- CONTRACTOR DEMOBILIZATION FROM SITE AND REMOVAL OF ALL TEMPORARY GRAVEL STAGING AREAS, TRAILERS, STORAGE CONTAINERS, TRASH BINS, RECYCLING BINS, PORTABLE RESTROOMS, AND STOCKPILED MATERIALS SHALL OCCUR PRIOR TO THE END OF THIS PHASE.
- REMOVAL OF ALL REMAINING EROSION CONTROL MEASURES INCLUDING SEDIMENT FENCE, INLET PROTECTION, AND CONSTRUCTION SECURITY FENCE TO OCCUR AFTER PERMANENT LANDSCAPE STABILIZATION.

EROSION CONTROL NOTES:

-- *EROSION AND SEDIMENT CONTROL NOTES:*

4. PERIMETER SEDIMENT FENCE PER ODOT RD1040/C709.

9. PERIMETER SECURITY CONSTRUCTION FENCE AS REQUIRED TO RESTRICT ACCESS.

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PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
OREGON
DIGITAL SIGNATURE
Zachary Stokes
EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-638.1-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:

ESCP - PERMANENT LANDSCAPING & STABILIZATION PHASE

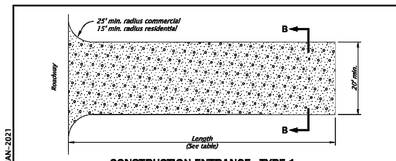
REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 08.01.2025

C709

20-JAN-2021
RD1000.dgn



CONSTRUCTION ENTRANCE - TYPE 1
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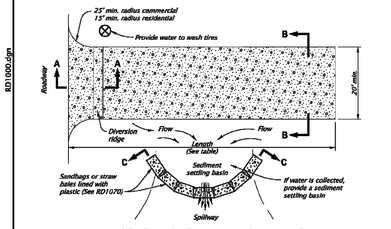

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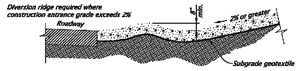
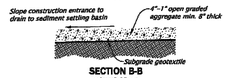


SECTION A-A
NOT TO SCALE



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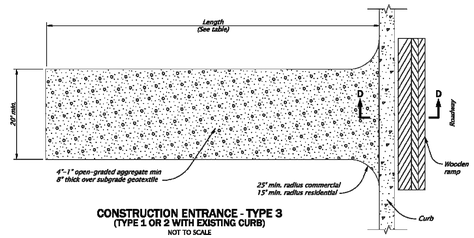

CONSTRUCTION ENTRANCE - TYPE 3
(TYPE 1 OR 2 WITH EXISTING CURB)
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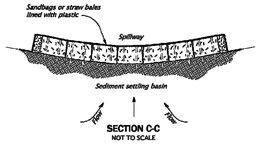
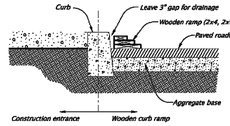


SECTION C-C
NOT TO SCALE



WOODEN CURB RAMP SECTION D-D
NOT TO SCALE

NOTES:
1. The Type 1 entrance is a simple entrance without a diversion ridge or settling basin.
2. The wooden ramp may be used on either Type 1 or Type 2 entrances in situations where there is curb and the curb is not removed for the construction entrance.

CONSTRUCTION ENTRANCE TABLE MINIMUM LENGTH	
Length (FT)	Area Of Exposed Soil (Acre)
20	0.25
50	0.25 < A < 1.0
100	A > 1.0

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

OREGON STANDARD DRAWINGS

CONSTRUCTION ENTRANCES

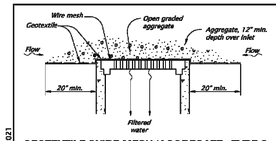
2024

DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC BOOK NUMBERS

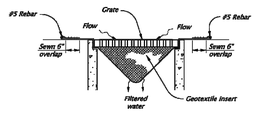
CALC BOOK NO. N/A — SCM DATE: 20-JAN-2021 — RD1000

Effective Date: June 1, 2025 – November 30, 2025

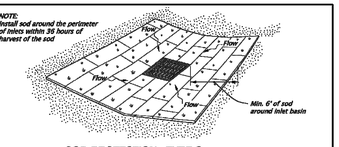
20-JAN-2021
RD1010.dgn



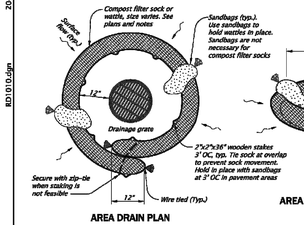
GEOTEXTILE/WIRE MESH/AGGREGATE - TYPE 2
NOT TO SCALE



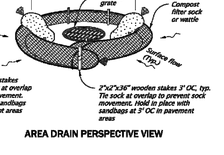
PREFABRICATED FILTER INSERT - TYPE 3
NOT TO SCALE



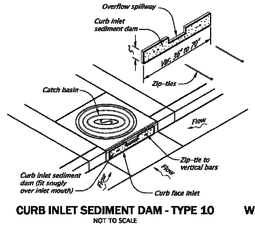
SOD PROTECTION - TYPE 6
NOT TO SCALE



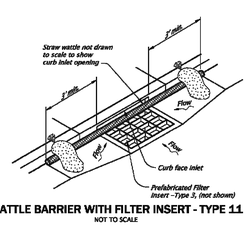
AREA DRAIN PLAN



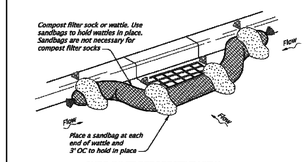
AREA DRAIN PERSPECTIVE VIEW



CURB INLET SEDIMENT DAM - TYPE 10
NOT TO SCALE



WATTLE BARRIER WITH FILTER INSERT - TYPE 11
NOT TO SCALE



CURB INLET PERSPECTIVE VIEW

COMPOST FILTER SOCK OR WATTLE - TYPE 7
NOT TO SCALE

NOTES:
Type 2 – Geotextile/wire mesh/aggregate
Place the wire mesh over the grate. Place sediment fence geotextile over the wire mesh and perimeter area around structure.
Install aggregate over the geotextile fabric.

Type 3 – Prefabricated filter inserts
Install prefabricated filter inserts according to the plans, special provisions, and manufacturer recommendations. Prefabricated inserts with provisions for overflow are allowed only when accompanied by additional BMPs to prevent the potential of sediments entering project storm systems. Field fabricated inserts are not allowed.

Type 7 – Compost filter sock
Drive 2"x2" wood stakes a maximum of 6" into ground and flush with the top of the sock.
Overlap ends of sock per manufacturers recommendations (12"min., 36" max.). Use 8" to 12" dia sock on curbside in traffic areas.

(Type 7 cont.)
Use 12" to 18" dia sock in non-traffic areas or areas where the larger socks can be used safely.
use synthetic mesh socks for temporary installations.

Type 10 – Curb inlet sediment dam
Fit curb inlet sediment dam snugly into inlet mouth. Curb inlet sediment dam is required for use with inlet filter insert where at-grade inlet grate and curb inlet are combined at a catch basin.

Type 11 – Wattle barrier with filter insert
Install prefabricated filter insert per Type 3 detail.
Install wattles over opening and 36" to each side of opening tight against curb. Adjust wattle to force storm water to flow through filter insert or wattle prior to leaving the site.
Adjust, replace or modify the inlet protection as needed to prevent sediment laden water from entering the catch basin.

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

OREGON STANDARD DRAWINGS

INLET PROTECTION
TYPE 2, 3, 6, 7, 10 AND 11

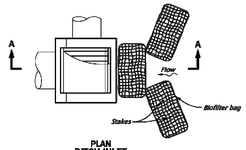
2024

DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC BOOK NUMBERS
01-2021	MOVED NOTES UP FROM DEVELOPING THE SHEET BORDER

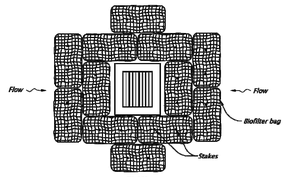
CALC BOOK NO. N/A — SCM DATE: 20-JAN-2021 — RD1010

Effective Date: June 1, 2025 – November 30, 2025

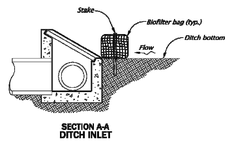
20-JAN-2021
RD1015.dgn



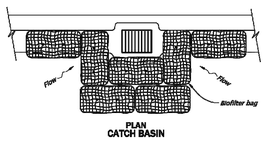
PLAN
DITCH INLET



PLAN
AREA DRAIN



SECTION A-A
DITCH INLET



PLAN
CATCH BASIN

BIOFILTER BAGS - TYPE 4
NOT TO SCALE

NOTES:
1. State biofilter bags with 2"x2"x36" wood stakes, and use a minimum 2 stakes per bag. Drive stakes a minimum of 6" into the ground and flush with the top of the bags.
2. Omit stakes when bags are placed on pavement surface.
3. Overlap all bag joints 6".
4. Biofilter bags used on active roadways are easily displaced and made ineffective if struck by vehicles. If struck by a cyclist, falls with injury could result. On active roadways alternative inlet protection should be considered.

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OREGON STANDARD DRAWINGS

INLET PROTECTION
TYPE 4

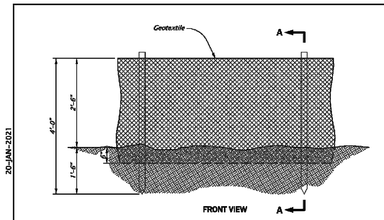
2024

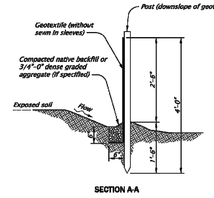
DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC BOOK NUMBERS

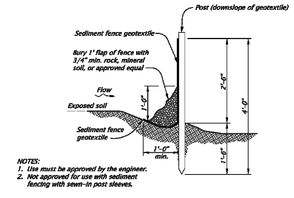
CALC BOOK NO. N/A — SCM DATE: 20-JAN-2021 — RD1015

Effective Date: June 1, 2025 – November 30, 2025

20-JAN-2021
RD1040.dgn



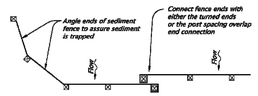




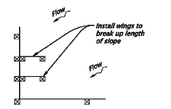
NOTES:
1. Use must be approved by the engineer.
2. Not approved for use with sediment fencing with sewn-in post sleeves.

SEDIMENT FENCE AND GEOTEXTILE BURY DETAIL - TYPE 1
NOT TO SCALE

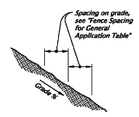
ALTERNATE SEDIMENT FENCE
WITHOUT TRENCHING - TYPE 2
NOT TO SCALE



PLAN VIEW



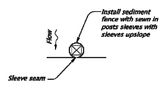
TERMINATION AT CORNER OR PROPERTY LINE



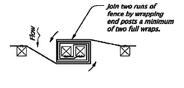
GENERAL NOTES:
1. Use 2"x2" wood fence posts.
2. Posts to be installed on downhill side of sediment fence geotextile. Position posts to prevent separation from geotextile.
3. Compact filter fabric trench backfill and soil on uphill side of fence.
4. Locate fence no closer than three feet to the toe of a slope.
5. Wing spacing shall comply with "Fence Spacing for General Application Table".

FENCE SPACING FOR GENERAL APPLICATION TABLE	
INSTALL PARALLEL ALONG CONTOURS AS FOLLOWS	
GRADE	MAXIMUM SPACING ON GRADE
Grade < 10%	300'
10% ≤ Grade < 15%	150'
15% ≤ Grade < 20%	100'
20% ≤ Grade < 30%	50'
30% ≤ Grade	25'

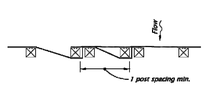
POST SPACING TABLE	
6'	Sediment Fence with Geotextile elongation less than 50%
4'	Sediment Fence with Geotextile elongation 50% or more



GEOTEXTILE WITH POST SLEEVES



TURNED ENDS CONNECTION



POST SPACING OVERLAP CONNECTION

GEOTEXTILE END CONNECTIONS
NOT TO SCALE

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OREGON STANDARD DRAWINGS

SEDIMENT FENCE

2024

DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC BOOK NUMBERS

CALC BOOK NO. N/A — SCM DATE: 20-JAN-2021 — RD1040

Effective Date: June 1, 2025 – November 30, 2025

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PIVOT ARCHITECTURE

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ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLEGE
CHILDCARE LEARNING CENTER

ZCS PROJECT #: K-6381-24
KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

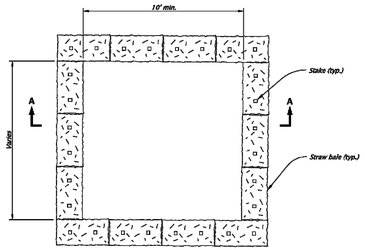
SHEET TITLE:
ESCP - DETAILS

REVISIONS:
DESCRP. DATE

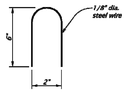
ISSUE DATE: 08.01.2025

C710

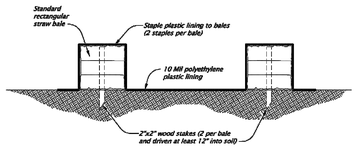
RD1070.dgn 20-JAN-2021



PLAN



STAPLE DETAIL
NOT TO SCALE



SECTION A-A

CONCRETE TRUCK WASH OUT FACILITY
NOT TO SCALE

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OREGON STANDARD DRAWINGS

CONCRETE TRUCK WASH OUT

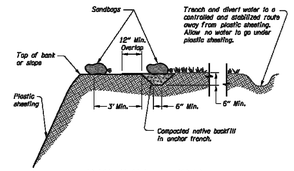
2024

DATE	REVISION DESCRIPTION

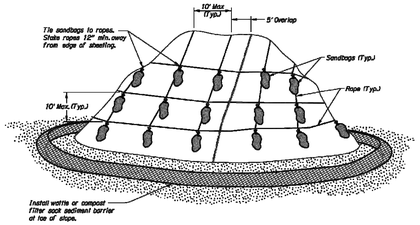
CALC. BOOK NO. N/A DATE 20-JAN-2025 **RD1070**

Effective Date: June 1, 2025 – November 30, 2025

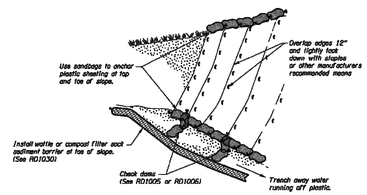
DET8001.dgn 01-JAN-2015



TOP OF SLOPE TIE DOWN



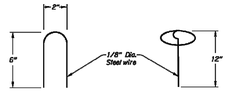
STOCKPILE



SLOPES

NOTES:

1. Install plastic sheeting vertically down slope.
2. Install plastic sheeting so edges overlap and are shingled away from prevailing winds.



STAPLE DETAIL PIN STAPLE

DET8001

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

OREGON DEPARTMENT OF TRANSPORTATION
TECHNICAL SERVICES
DETAILS

PLASTIC SHEETING

DETAIL NO. **DET8001**

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PIVOT ARCHITECTURE

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KLAMATH COMMUNITY COLLEGE
7390 S 6TH ST, KLAMATH FALLS, OR 97603

SHEET TITLE:
ESCP - DETAILS

REVISIONS:
DESCRP. DATE

ISSUE DATE: 08.01.2025

C711