# KCC CHILDCARE LEARNING CENTER

## 7390 S 6TH STREET KLAMATH FALLS, OR 97603

#### INSPECTIONS AND TESTING

I. 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.

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 AHJ, GEOTECHNICAL, SPECIAL INSPECTOR, AND ENGINEER OF RECORD INSPECTIONS, CONTRACTOR SHALL COORDINATE ANY ADDITIONAL AGENCY INSPECTIONS WITH THE APPROPRIATE

GEOTECHNICAL TESTING AND OBSERVATION MUST BE PERFORMED BY THE PROJECT

5. REFER TO GEOTECHNICAL REPORT AND PROJECT SPECIFICATIONS, WHERE APPLICABLE, FOR ADDITIONAL INFORMATION.

	= AGENCY INSPECTOR ( TOR, EOR = ENGINEER		CHNICAL ENGINEER, SI	= SPECIAL
	CONSTRUCTION ELEMENT	INSPECTOR	FREQUENCY	NOTES
	CLEARING & GRUBBING	GEO	AS REQUIRED	VISUAL
	GENERAL FILL	GEO, SI	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
	ENGINEERED FILL	GEO, SI	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
	PAVEMENT SUBGRADE	GEO, SI, EOR	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
9 N	SIDEWALK SUBGRADE	GEO, EOR	AS REQUIRED	PROBE OR PROOF ROLL
k PAVI	FOUNDATION SUBGRADE	REFER TO	GEOTECHNIAL REPOR PLANS	T & STRUCTURAL
GRADING & PAVING	PAVEMENT AGGREGATE BASE	GEO, SI, EOR	1 DENSITY TEST PER 4,000 SF PER LIFT (4 TESTS MIN)	DENSITY OR PROOF ROLL
GR/	SIDEWALK AGGREGATE BASE	GEO, EOR	AS REQUIRED	PROBE OR PROOF ROLL
	FOUNDATION AGGREGATE BASE	REFER TO	GEOTECHNIAL REPOR PLANS	T & STRUCTURAL
	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	01	1 TEST PER 100 CY	CYLINDERS,

CONCRETE

TRENCH BACKFILL

RESTORATION

SANITARY SEWER

TORM SEWER L**I**NE

POTABLE WATER

FIRE WATER LINE

#### PROJECT INFORMATION

JOHN STAPLETON, AIA

PIVOT ARCHITECTURE

44 W BROADWAY #300

ORLANDO J. AQUINO, PLS

RHINE-CROSS GROUP, LLC

KLAMATH FALLS, OR 97601

112 N 5TH STREET SUITE 200

EUGENE, OR 97401

(541) 342-7291

(541) 851-9405

WATER PROVIDER

PUBLIC WORKS

(541) 883-5363

226 S 5TH STREET

**SEWER PROVIDER** 

2201 LAVERNE AVE

(541) 882-5744

(541) 880-1648

CITY OF KLAMATH FALLS

KLAMATH FALLS, OR 97601

SOUTH SUBURBAN SANITARY

KLAMATH FALLS, OR 97603

**NATURAL GAS PROVIDER** 

KLAMATH FALLS, OR 97603

AVISTA CORPORATION

2825 DAKOTA COURT

CONTACT: KAREN WILLIAMS, AIA

#### **PROJECT TEAM**

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

ZACHARY A. STOKES, PE

**CONTACT: MALIA WATERS** 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 1950 MALLARD LANE KLAMATH FALLS, OR 97601 (541) 883-7828

SLUMP, AIR TESTS

CONTRACTOR TO

PROVIDE TESTING.

WITNESSED BY

EOR

CONTRACTOR TO

PROVIDE TESTING

WITNESSED BY

EOR

FLUSH, BACTERIA.

PRESSURE;

CONTRACTOR TO

PROVIDE TESTING.

WITNESSED BY

FLUSH, BACTERIA

PRESSURE:

CONTRACTOR TO

THEREOF PER DAY

PER 200 LF PER LIFT

1 DENSITY TEST

PER 200 LF PER LIFT

(4 TESTS MIN)

AIR PRESSURE

AS REQUIRED

AS REQUIRED

#### **LOT INFORMATION**

SITE LOCATION:

7390 S 6TH STREET KLAMATH FALLS, OR 97603

TAX MAP: T09S-R09E-S12

TAX LOT: SITE ACREAGE: ±50.00 ACRES

ZONING: CO - (CG) GENERAL COMMERCIAL CO - (RH) HIGH DENSITY RESIDENTIAL

#### **BENCHMARK/SURVEY DATA:**

OCRS BEND - KLAMATH FALLS (NAD83) HORIZONTAL DATUM:

**VERTICAL DATUM:** 

CONTACT PROJECT SURVEYOR FOR ADDITIONAL INFORMATION, IF NECESSARY

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).

**GENERAL NOTES** 

#### **ABBREVIATIONS**

AMERICAN PUBLIC WORKS ASSOCIATION

AMERICAN STANDARD TEST METHOD HIGH-DENSITY POLYETHYLENE AMERICAN WATER WORKS ASSOCIATION **INVERT ELEVATION** KLAMATH COMMUNITY COLLEGE **ASPHALT PAVEMENT** MECHANICAL, ELECTRICAL, & PLUMBING

**BACK WATER VALVE** BEST MANAGEMENT PRACTICE

CATCH BASIN **CLEANOUT RISER** 

CONC CONCRETE

DEPARTMENT OF ENVIRONMENTAL QUALITY

DISCHARGE CONTROL STRUCTURE DOUBLE CHECK DETECTOR ASSEMBLY

**DUCTILE IRON** DRAWING

DWG **ENVIRONMENTAL PROTECTION AGENCY** 

**EROSION AND SEDIMENT CONTROL EXISTING GRADE** 

FINISHED FLOOR ELEVATION FINISHED GRADE

FIRE DEPARTMENT CONNECTION FLOW LINE

**GRADE BREAK** 

**GENERAL CONTRACTOR** 

GRD

**FLANGE** 

GRVL

ODO

OSSC

GRAVEL

**MECHANICAL JOINT** 

NORTH AMERICAN VERTICAL DATUM

OREGON PLUMBING SPECIALTY CODE

**OUTSIDE SCREW AND YOKE** 

PACIFIC POWER CORP

PERFORMANCE GRADE

POLYVINYL CHLORIDE

STORM DRAIN CLEANOUT

TIME OF CONSTRUCTION

SANITARY SEWER CLEANOUT

RIGHT-OF-WAY

OREGON STRUCTURAL SPECIALTY CODE

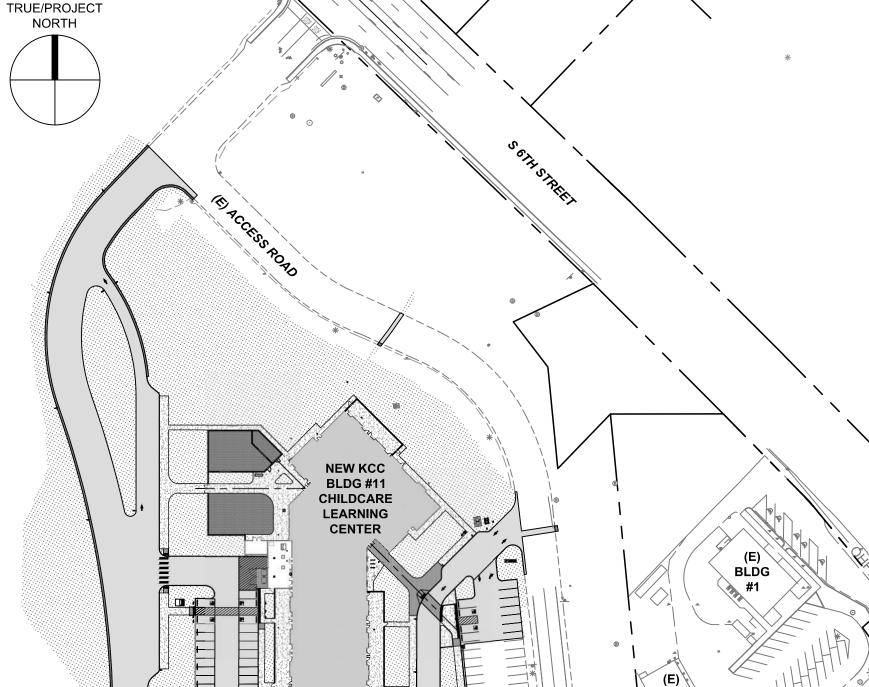
OREGON DEPARTMENT OF TRANSPORTATION

MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

TOP OF BACK OF CURB

UNLESS NOTED OTHERWISE

SITE PLAN



**VICINITY MAP** 

PROJECT.

Hager Ln

\BLDG \\

(E) ACCESS ROAD

Booth Rd

Andrew Dr

SHEET TITLE:

CIVIL COVER

EXPIRES: 06-30-26

**REVISIONS:** 

ISSUE DATE: 08.01.2025

C000 CIVIL COVER SHEET

SHEET INDEX

OVERALL SITE CODE PLAN C021 CLC SITE CODE PLAN TOPOGRAPHIC SURVEY - NORTH TOPOGRAPHIC SURVEY - SOUTH ČKCČ CĂMPUS ĚXISTINĞ CÖNDİTIONS 🕽

> OVERALL DEMOLITION PLAN CLC DEMOLITION PLAN

SITE CONSTRUCTION AND DIMENSIONING SITE KEY CLC SITE CONSTRUCTION PLAN CLC DIMENSIONING AND HORIZONTAL CONTROL PLAN ACCESS ROAD CONSTRUCTION AND DIMENSIONING

ACCESS ROAD CONSTRUCTION AND DIMENSIONING PLAN - SOUTH GRADING AND DRAINAGE SITE KEY

NORTHWEST GRADING AND DRAINAGE PLAN SQUTHWEST GRADING AND DRAINAGE PLAN SOUTHEAST GRADING AND DRAINAGE PLAN 4 C303 NORTHWEST GRADING AND DRAINAGE PLAN ACCESS ROAD AND OUTER SITE GRADING AND DRAINAGE PLAN

CLC WATER AND SEWER UTILITIES PLAN CLC FRANCHISE UTILITIES PLAN UTILITY CONNECTIONS PLAN C404 CKF WATER MAIN PLAN AND PROFILE

AGENCY STANDARD DETAILS AGENCY STANDARD DETAILS AGENCY STANDARD DETAILS AGENCY STANDARD DETAILS

ESCP - NOTES ESCP - EXISTING CONDITIONS C703 **ESCP - CONSTRUCTION STAGING AND DEMOLITION** 

ESCP - CLEARING, GRADING, AND EXCAVATION PHASE ESCP - SITE STABILIZATION PHASE ESCP - UTILITY INSTALLATION PHASE ESCP - VERTICAL CONSTRUCTION PHASE ESCP - PAVING AND FLATWORK PHASE ESCP - PERMANENT LANDSCAPING AND STABILIZATION **ESCP - DETAILS** 

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

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 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 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

NOTIFICATION CENTER" AT 1-800-332-2344 TO LOCATE EXISTING UTILITIES, 48 HOURS BEFORE DIGGING. 8. CONTRACTOR SHALL NOTIFY ALL APPLICABLE REGULATORY AGENCIES AND

DURING THE COURSE OF CONSTRUCTION. CALL THE "OREGON UTILITY

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.

WORK SUB-GRADE, COMPACTION REQUIREMENTS, ETC. SHALL BE AS NOTED IN THE SITE PREPARATION NOTES AND/OR THE PROJECT

11. ALL UTILITY SERVICES SHALL BE INSTALLED PER THE RESPECTIVE UTILITY CODES AND STANDARDS

SET OR AS OTHERWISE SPECIFIED BY THE RESPECTIVE UTILITY COMPANY.

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

STAMP CURBS OR SIDEWALKS (AS APPLICABLE) TO MARK THE LOCATIONS OF ALL SERVICE LINES (S - SANITARY, W - WATER, D - STORM DRAIN, G -

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 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

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.

CONSTRUCTION TO IDENTIFY PERMIT REQUIREMENTS.

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

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.

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.

# EROSION CONTROL NOTE:

SYSTEM.

CONTRACTOR SHALL RESTORE BACK TO ORIGINAL CONDITION, PRIOR TO

PROVIDE TESTING, WITNESSED BY CIVIL DETAILS UTILITY COMPANIES 48 HOURS PRIOR TO BEGINNING WORK. C501 CIVIL DETAILS C502 CIVIL DETAILS 10. ALL EXCAVATION, TRENCH BACK FILL, PARKING LOT/ROAD SUB-GRADE, FLAT C602 C603

ESCP - DETAILS

**ESCP - COVER SHEET** 12. ALL UTILITIES SHALL HAVE A MINIMUM COVER AS IDENTIFIED IN THE PLAN

13. GAS, POWER, TELEPHONE, CABLE, AND FIBER OPTIC LINES SHALL BE



EXPIRES: 06-30-26



CO CE

MINIMUM WIDTH OR CAPACITY SHALL NOT BE LESS THAN THE MINIMUM WIDTH OR REQUIRED CAPACITY OF THE EXITS BEING SERVED. SIDEWALK WIDTH MUST MEET OR EXCEED THIS MINIMUM. SEE ARCHITECTURAL CODE PLAN FOR

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:

5 SQUARE FEET (0.46 M2) FOR EACH PERSON.

2. THE AREA SHALL BE LOCATED ON THE SAME LOT NOT LESS THAN 50

3. THE AREA SHALL BE PERMANENTLY MAINTAINED AND IDENTIFIED

AS A SAFE DISPERSAL AREA.

SHEET TITLE:

**CODE PLAN** 

REVISIONS:

1 ADD 4

08.29.2025

**OVERALL SITE** 

ISSUE DATE: 08.01.2025

C020

1 IN = 30 FT

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 ASPHALT PAVED ACCESS ROAD (±36-FT WIDE). 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: OCCUPANCY AND REQUIRED EXIT WIDTHS. 1028.5 ACCESS TO A PUBLIC WAY: 1. THE AREA SHALL BE OF A SIZE TO ACCOMMODATE NOT LESS THAN FEET (15 240 MM) AWAY FROM THE BUILDING REQUIRING EGRESS. 4. THE AREA SHALL BE PROVIDED WITH A SAFE AND UNOBSTRUCTED PATH OF TRAVEL FROM THE BUILDING.

LEGEND

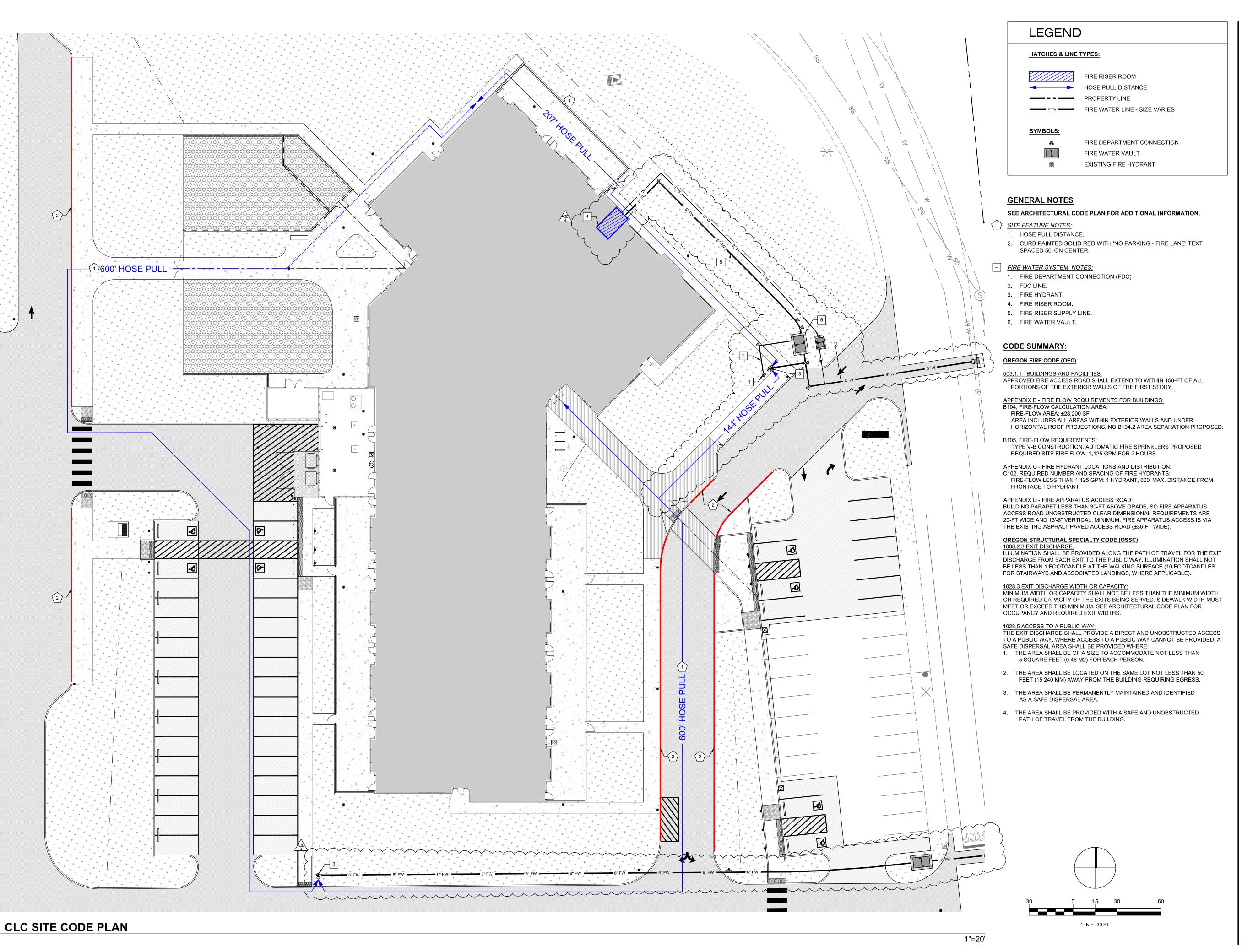
**HATCHES & LINE TYPES:** 

1"=40'

**OVERALL SITE CODE PLAN** 



C021/



ARCHITECTURE



ZCS

ND PERMIT SET

MATH COMMUNITY COLLEGE

DCARE LEARNING CENTER

SHEET TITLE:

CLC SITE CODE
PLAN

REVISIONS:

REVISIONS: 1 ADD 4

08.29.2025

ISSUE DATE: 08.01.2025

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

**SEE SHEET C031** 

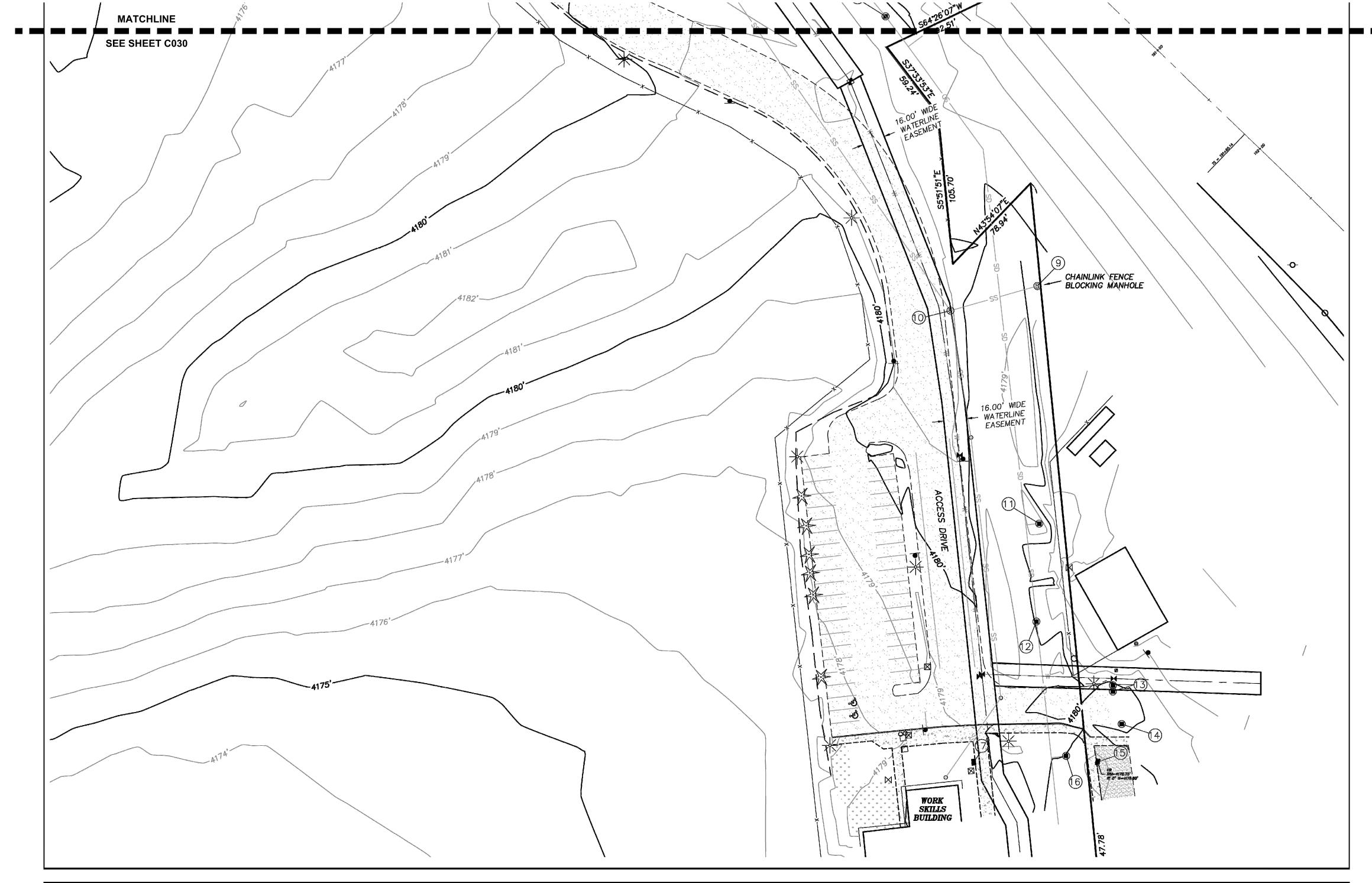
SHEET TITLE: TOPOGRAPHIC SURVEY -SOUTH

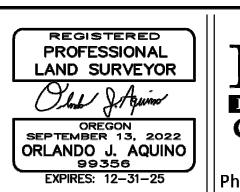
REVISIONS:

C031

ISSUE DATE: 08.01.2025

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







# RHINE-CROSS GROUP LLC

ENGINEERING - SURVEYING - PLANNING 112 N 5th ST - SUITE 200 - P.O. BOX 909 KLAMATH FALLS, OREGON 97601

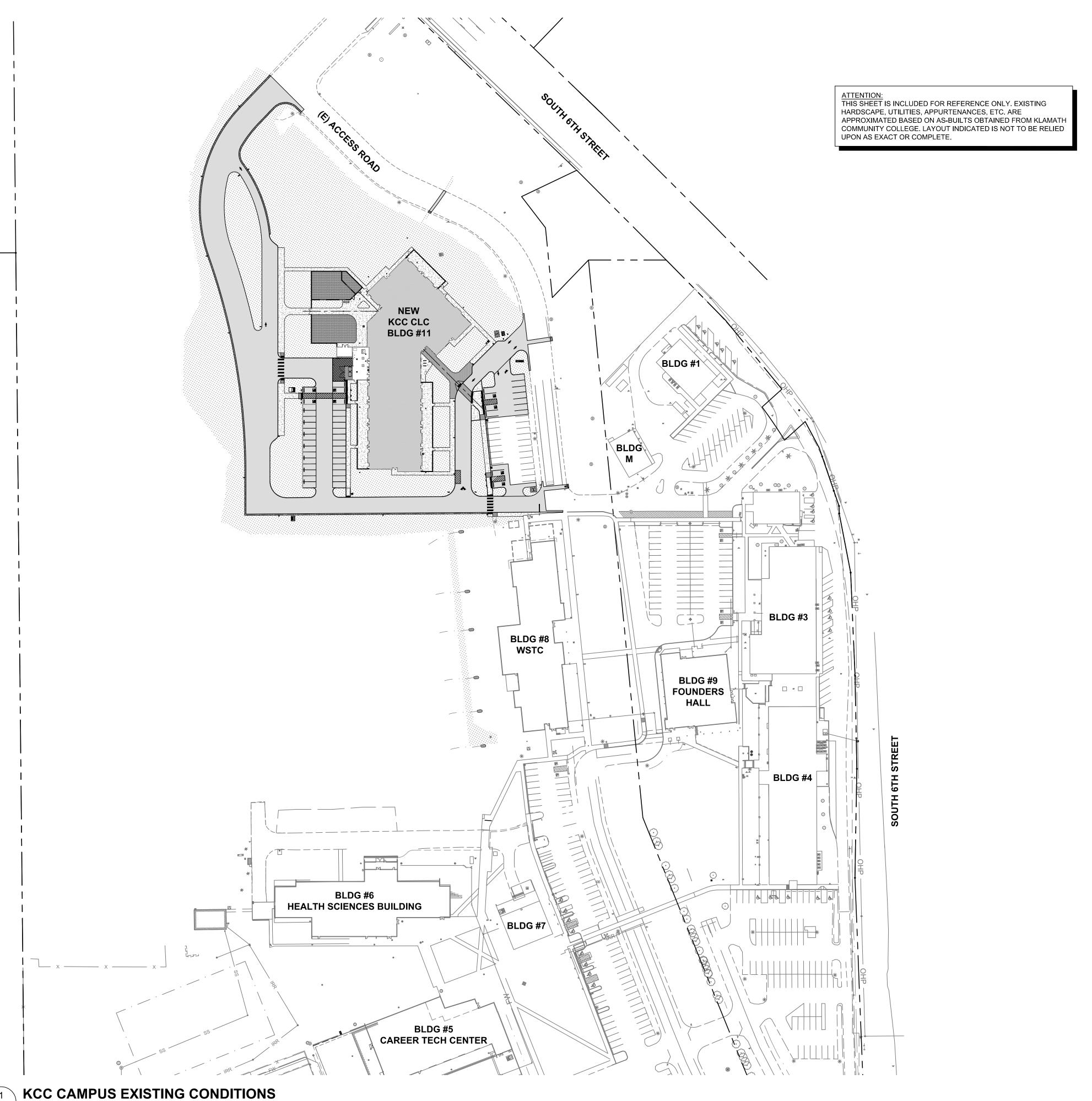
DENISE REID 7390 SOUTH 6TH ST KLAMATH FALLS, OR 97603 (541) 880-2392

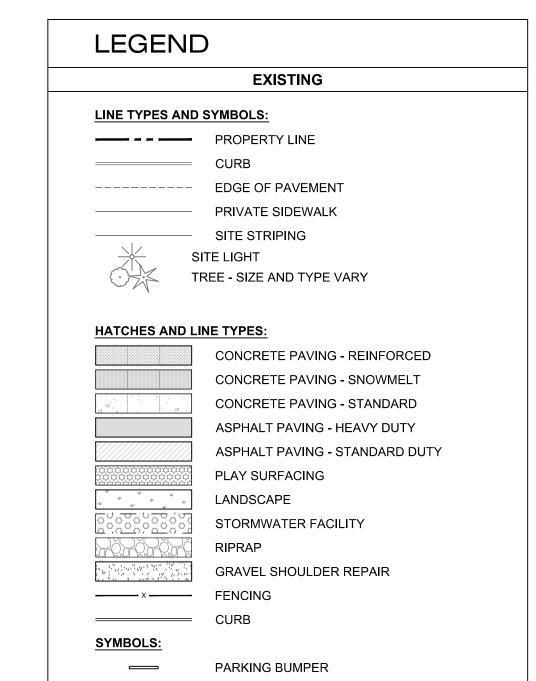
KLAMATH COMMUNITY COLLEGE

KLAMATH FALLS

OREGON |







BOLLARD

SIGN

1 IN = 80 FT

ACCESSIBLE PARKING SYMBOL
TREE - PER LANDSCAPE PLANS

BICYCLE PARKING SPACE

ZCS

A.

EXPIRES: 06-30-26

ZCS

BID AND PERMIT SET

KLAMATH COMMUNITY COLLE

CHILDCARE LEARNING CENTE

ZCS PROJECT #: K-6381-24

SHEET TITLE:

KCC CAMPUS

EXISTING

CONDITIONS

REVISIONS:

REVISIONS:

1 ADD 4

08.29.2025

ISSUE DATE: 08.29.2025





ZCS

D AND PERMIT SET

AMATH COMMUNITY COLLEG

HILDCARE LEARNING CENTER

SHEET TITLE:

OVERALL

DEMOLITION

PLAN

REVISIONS:

REVISIONS: 1 ADD 4

08.29.2025

ISSUE DATE: 08.01.2025

C100

1"=50'

LEGEND

**HATCHES & LINE TYPES:** 

===== CURB -----× FENCING

SYMBOLS:

**DEMOLITION NOTES:** 

101. ASPHALT PAVING.102. CONCRETE SIDEWALK.103. CONCRETE CURB.104. GRAVEL PAVING.

106. SITE LIGHT AND FOOTING.

110. CLEARING AND GRUBBING.

108. TRAFFIC SIGN AND FOOTING.

**DEMOLITION** 

ASPHALT PAVING

GRAVEL PAVING

CLEARING AND GRUBBING

TREE AND ROOT BALL - SIZE AND TYPE VARY

CONCRETE

SITE LIGHT

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

CONTRACTOR SHALL COORDINATE VEHICULAR AND PEDESTRIAN ACCESS

REQUIREMENTS WITH OWNER PRIOR TO CONSTRUCTION.

105. TREE AND ROOT BALL - SIZE AND TYPE VARY.

107. FENCE, GATES, POSTS, AND FOOTINGS.

109. TRENCHING FOR DRY UTILITY BANK.

NOT ALL NOTES APPEAR ON EACH SHEET.

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

**OVERALL DEMOLITION PLAN** 

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

- 101. ASPHALT PAVING.
- 102. CONCRETE SIDEWALK.
- 105. TREE AND ROOT BALL SIZE AND TYPE VARY.

- 109. TRENCHING FOR DRY UTILITY BANK. 110. CLEARING AND GRUBBING.

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

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

#### NOT ALL NOTES APPEAR ON EACH SHEET.

- 103. CONCRETE CURB.
- 104. GRAVEL PAVING.
- 106. SITE LIGHT AND FOOTING.
- 107. FENCE, GATES, POSTS, AND FOOTINGS. 108. TRAFFIC SIGN AND FOOTING.

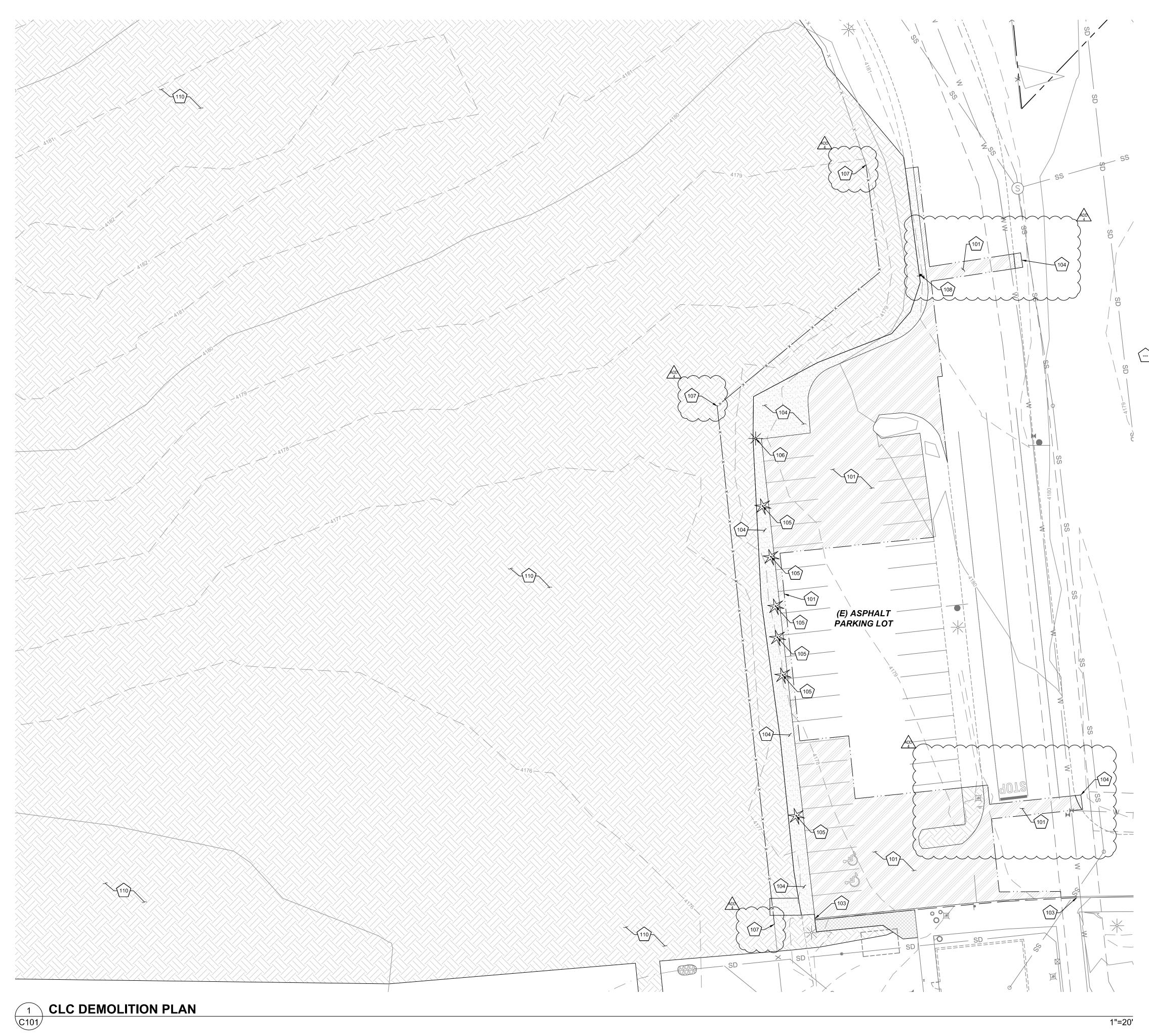
EXPIRES: 06-30-26

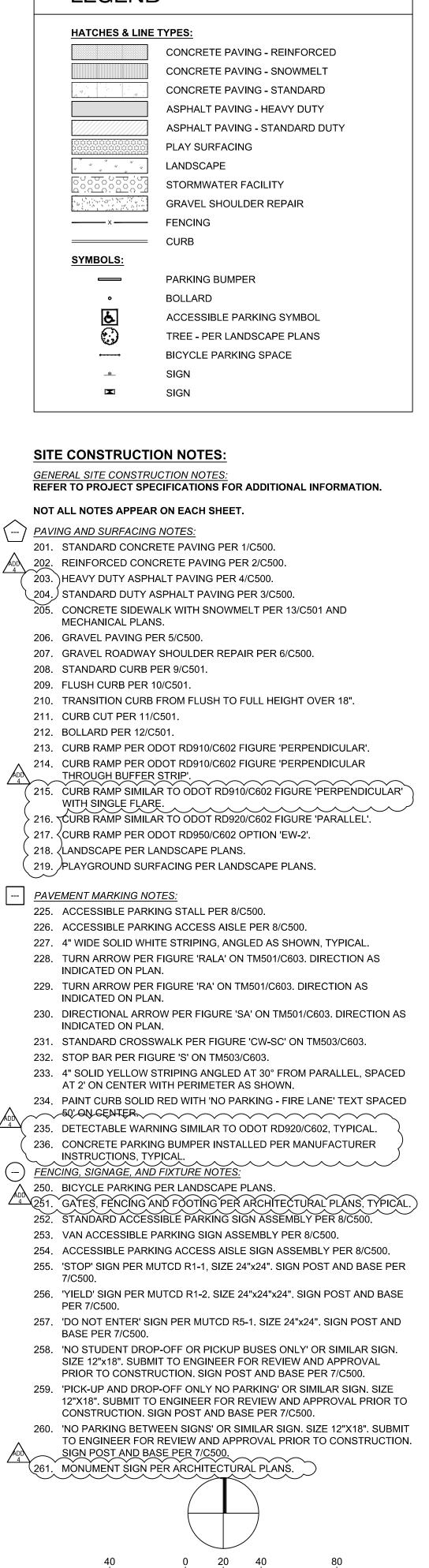
SHEET TITLE: CLC DEMOLITION PLAN

REVISIONS: 1 ADD 4

08.29.2025

ISSUE DATE: 08.01.2025







SHEET TITLE: SITE CONSTRUCTION

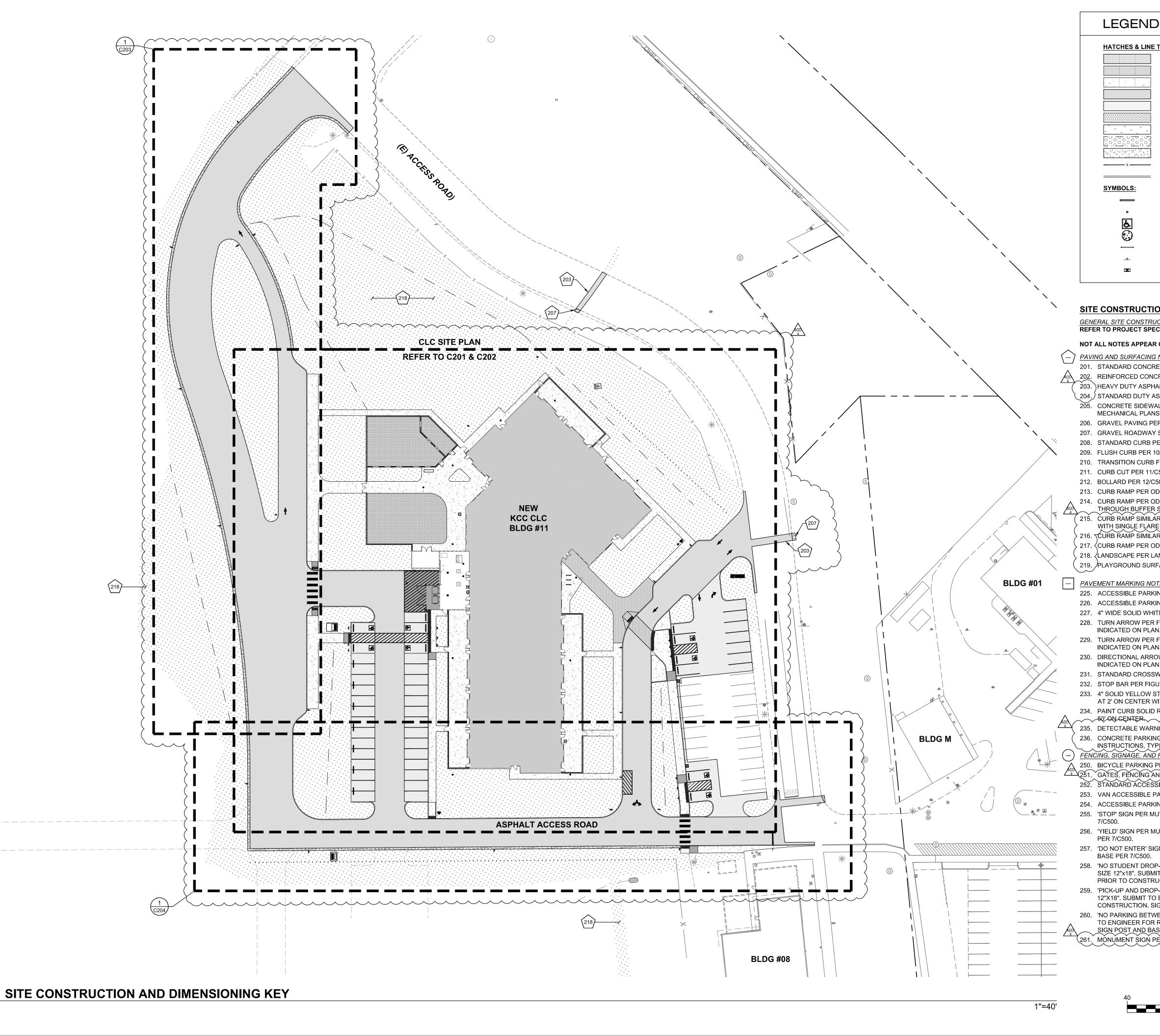
DIMENSIONING SITE KEY

1 ADD 4

REVISIONS:

08.29.2025

ISSUE DATE: 08.01.2025

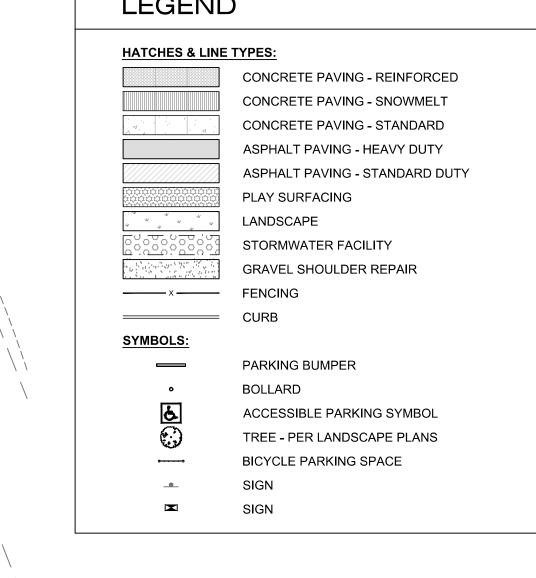


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**CLC SITE CONSTRUCTION PLAN** 

208

227

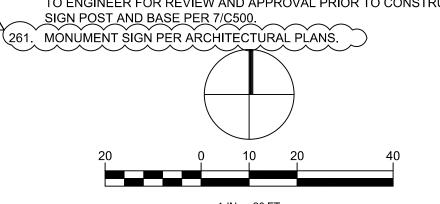


- 215. CURB RAMP SIMILAR TO ODOT RD910/C602 FIGURE 'PERPENDICULAR' WITH SINGLE FLARE.
- 217. CURB RAMP PER ODOT RD950/C602 OPTION 'EW-2'.
- 218. LANDSCAPE PER LANDSCAPE PLANS. 219. PLAYGROUND SURFACING PER LANDSCAPE PLANS.

- 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-SC' 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 AND 50'ON GENTER.
- 235. DETECTABLE WARNING SIMILAR TO ODOT RD920/C602, TYPICAL. 236. CONCRETE PARKING BUMPER INSTALLED PER MANUFACTURER INSTRUCTIONS, TYPICAL.
- (-) FENCING, SIGNAGE, AND FIXTURE NOTES:

1"=20'

- 250. BICYCLE PARKING PER LANDSCAPE PLANS. 251. GATES, FÉNCING AND FOOTING 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
- 256. 'YIELD' SIGN PER MUTCD R1-2. SIZE 24"x24"x24". SIGN POST AND BASE
- 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
- 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.



EXPIRES: 06-30-26

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SHEET TITLE:

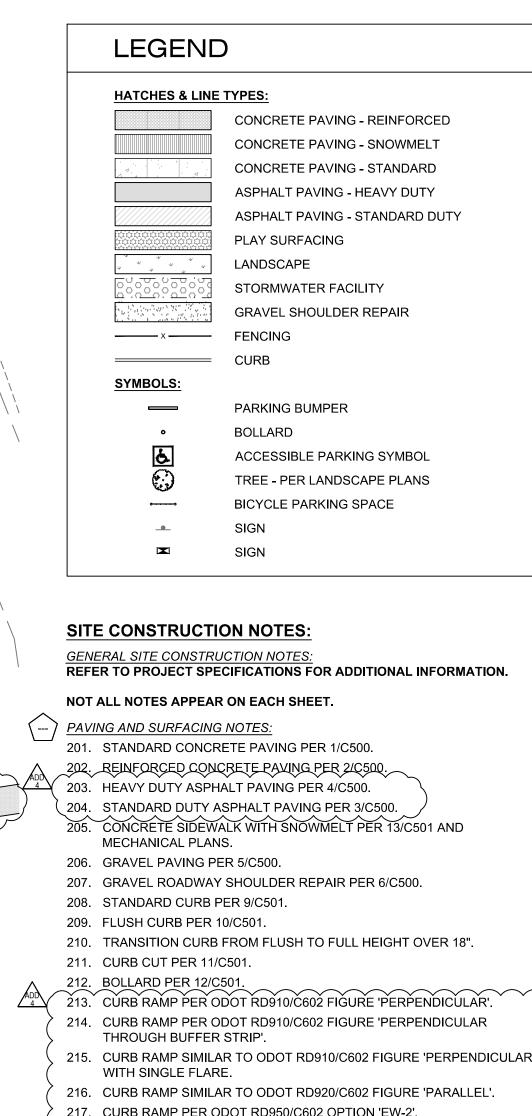
CLC SITE CONSTRUCTION PLAN

REVISIONS: 1 ADD 4

08.29.2025

ISSUE DATE: 08.01.2025

C201



ASPHALT ACCESS ROAD

(218)

NEW

KCC CLC

**BLDG #11** 

36.0'

20.0'

**CLC DIMENSIONING AND HORIZONTAL CONTROL PLAN** 

25.0'

20.0'

ARCH GRIDLINE A

155.5'

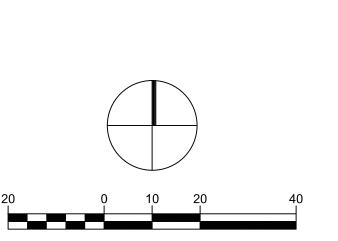
DIMENSIONING NOTES: L = CURVE LENGTH R = CURVE RADIUS

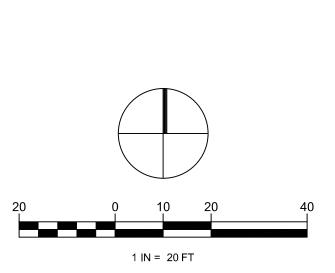
**HORIZONTAL CONTROL NOTES:** 

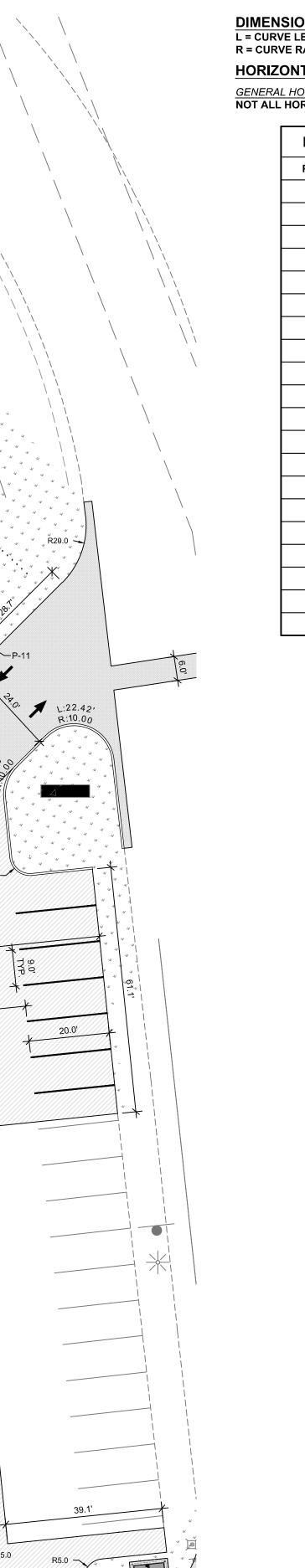
GENERAL HORIZONTAL CONTROL NOTES:
NOT ALL HORIZONTAL CONTROL POINTS APPEAR ON EACH SHEET.

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

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		
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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		







1"=20'

NEW KCC CLC BLDG #11

<sup>A</sup> 17.5', <sup>A</sup>

EXPIRES: 06-30-26

SHEET TITLE: CLC DIMENSIONING HORIZONTAL

CONTROL PLAN REVISIONS:

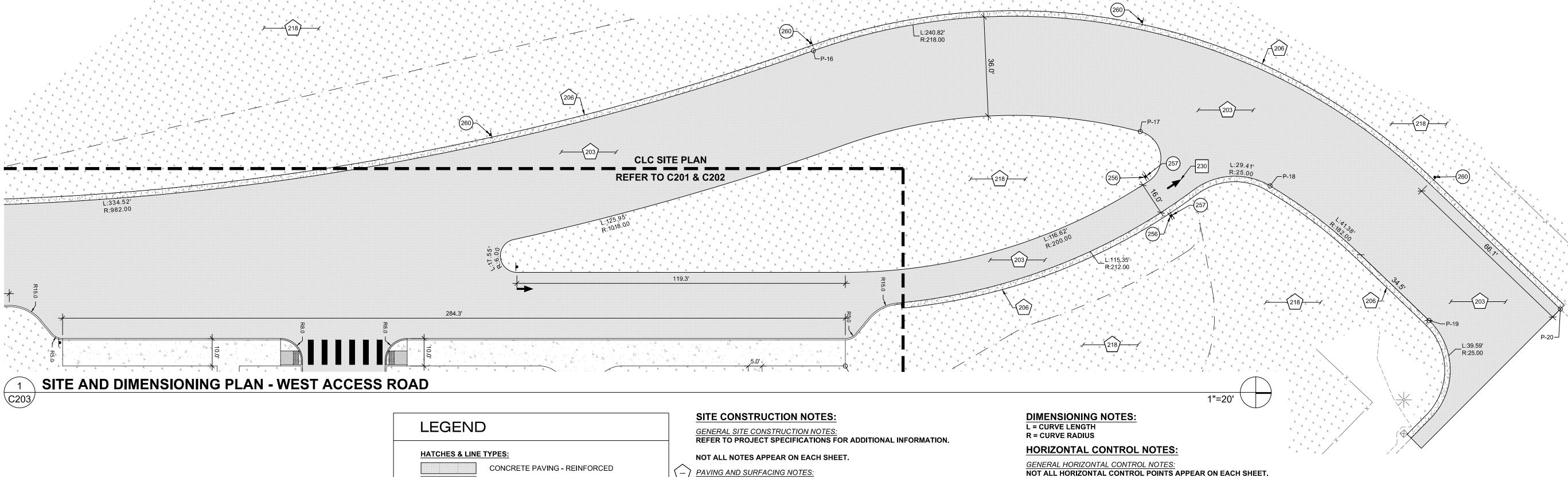
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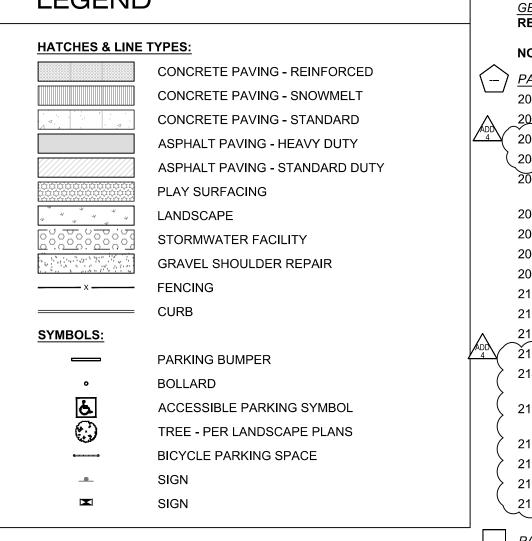
ISSUE DATE: 08.01.2025

1 IN = 20 FT

08.29.2025

ISSUE DATE: 08.01.2025





(-) PAVING AND SURFACING NOTES:

202. REINFORCED CONCRETE PAVING PER 2/C500.

STANDARD DUTY ASPHALT PAVING PER 3/C500. 205. CONCRETE SIDEWALK WITH SNOWMELT PER 13/C501 AND

207. GRAVEL ROADWAY SHOULDER REPAIR PER 6/C500.

210. TRANSITION CURB FROM FLUSH TO FULL HEIGHT OVER 18".

212. BOLLARD PER 12/C501. 213. CÚRB RAMP PER ODOT RO910/C602 FIĞURE 'PERPENDICULAR'.

THROUGH BUFFER STRIP'. 215. CURB RAMP SIMILAR TO ODOT RD910/C602 FIGURE 'PERPENDICULAR'

228. TURN ARROW PER FIGURE 'RALA' ON TM501/C603. DIRECTION AS

INDICATED ON PLAN.

INDICATED ON PLAN.

50'-QN-CENTER.

236. CONCRETE PARKING BUMPER INSTALLED PER MANUFACTURER INSTRUCTIONS, TYPICAL.

251. GATES, FENCING AND FOOTING PER ARCHITECTURAL PLANS, TYPICAL.

254. ACCESSIBLE PARKING ACCESS AISLE SIGN ASSEMBLY PER 8/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.

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

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.

201. STANDARD CONCRETE PAVING PER 1/C500.

203. HEAVY DUTY ASPHALT PAVING PER 4/C500.

HORIZONTAL CONTROL POINT TABLE

**EASTING** 

275726.229

275778.371

275597.915

275625.437

275625.437

275576.415

275539.915

275601.093

275836.496

275895.461

275936.597

275880.658

275856.588

275856.588

275693.684

275483.485

275512.842

275532.546

275581.380

275577.249

NORTHING

162482.703

162808.791

162821.648

162457.990

162610.990

162468.055

162418.621

162443.056

162445.149

162685.060

162629.355

162588.068

162464.729

162791.424

162810.050

162928.788

162975.939

163033.677

163081.401

POINT #

2

5

10

11

12

13

14

15

16

17

18

MECHANICAL PLANS.

206. GRAVEL PAVING PER 5/C500.

208. STANDARD CURB PER 9/C501.

209. FLUSH CURB PER 10/C501.

211. CURB CUT PER 11/C501.

214. CURB RAMP PER ODOT RD910/C602 FIGURE 'PERPENDICULAR

WITH SINGLE FLARE. 216. CURB RAMP SIMILAR TO ODOT RD920/C602 FIGURE 'PARALLEL'.

217. CURB RAMP PER ODOT RD950/C602 OPTION 'EW-2'.

218. LANDSCAPE PER LANDSCAPE PLANS.

219. PLAYGROUND SURFACING 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.

INDICATED ON PLAN. 229. TURN ARROW PER FIGURE 'RA' ON TM501/C603. DIRECTION AS

230. DIRECTIONAL ARROW PER FIGURE 'SA' ON TM501/C603. DIRECTION AS

231. STANDARD CROSSWALK PER FIGURE 'CW-SC' 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

235. DETECTABLE WARNING SIMILAR TO ODOT RD920/C602, TYPICAL.

(-) FENCING, SIGNAGE, AND FIXTURE NOTES: 250. BICYCLE PARKING PER LANDSCAPE PLANS.

252. STANDARD ACCESSIBLE PARKING SIGN ASSEMBLY PER 8/C500.

253. VAN ACCESSIBLE PARKING SIGN ASSEMBLY PER 8/C500.

255. 'STOP' SIGN PER MUTCD R1-1, SIZE 24"x24". SIGN POST AND BASE PER

258. 'NO STUDENT DROP-OFF OR PICKUP BUSES ONLY' OR SIMILAR SIGN.

12"X18". SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. SIGN POST AND BASE PER 7/C500.

MÔNŮMEŇT ŠIGŇ PĚR AŘCHITĚCTŮRAĽ PĽANŠ.

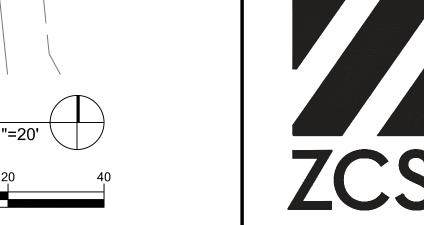
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08.29.2025

ISSUE DATE: 08.01.2025





**DIMENSIONING NOTES: SITE CONSTRUCTION NOTES:** L = CURVE LENGTH GENERAL SITE CONSTRUCTION NOTES.

N\_P-14

R = CURVE RADIUS

**HORIZONTAL CONTROL NOTES:** 

GENERAL HORIZONTAL CONTROL NOTES:

POINT #

10

11

12

13

14

15

17

18

20

NOT ALL HORIZONTAL CONTROL POINTS APPEAR ON EACH SHEET.

HORIZONTAL CONTROL POINT TABLE

**EASTING** 

275726.229

275778.371

275597.915

275625.437

275625.437

275576.415

275539.915

275601.093

275836.496

275895.461

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NORTHING

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162588.068

162464.729

162791.424

162810.050

162928.788

162975.939

163033.677

163081.401

#### NOT ALL NOTES APPEAR ON EACH SHEET.

(--) PAVING AND SURFACING NOTES:

**CLC SITE PLAN** 

**REFER TO C201 & C202** 

NEW KCC CLC **BLDG #11** 

ARCH GRIDLINE A

365.6'

201. STANDARD CONCRETE PAVING PER 1/C500.

202. REINFORCED CONCRETE PAVING PER 2/C500. 203. HEAVY DUTY ASPHALT PAVING PER 4/C500.

204. STANDARD DUTY ASPHALT PAVING PER 3/C500. 205. CONCRETE SIDEWALK WITH SNOWMELT PER 13/C501 AND MECHANICAL PLANS.

REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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'.

THROUGH BUFFER STRIP'. 215. CURB RAMP SIMILAR TO ODOT RD910/C602 FIGURE 'PERPENDICULAR' WITH SINGLE FLARE.

216. CURB RAMP SIMILAR TO ODOT RD920/C602 FIGURE 'PARALLEL'.

217. CURB RAMP PER ODOT RD950/C602 OPTION 'EW-2'. 218. LANDSCAPE PER LANDSCAPE PLANS.

219. PLAYGROUND SURFACING PER LANDSCAPE PLANS.

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-SC' 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.

50'-ON-CENTER. 235. DETECTABLE WARNING SIMILAR TO ODOT RD920/C602, TYPICAL.

236. CONCRETE PARKING BUMPER INSTALLED PER MANUFACTURER INSTRUCTIONS, TYPICAL.

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

261. MONUMENT SIGN PER ARCHITECTURAL PLANS.

(--) FENCING, SIGNAGE, AND FIXTURE NOTES: √ 250. BICYCLE PARKING PER LANDSCAPE PLANS. 251. GATES, FÉNCING AND FOOTING 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 256. 'YIELD' SIGN PER MUTCD R1-2. SIZE 24"x24"x24". SIGN POST AND BASE 257. 'DO NOT ENTER' SIGN PER MUTCD R5-1. SIZE 24"x24". SIGN POST AND

BASE PER 7/C500.

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.

**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 **GRAVEL SHOULDER REPAIR** FENCING CURB PARKING BUMPER 214. CURB RAMP PER ODOT RD910/C602 FIGURE 'PERPENDICULAR ACCESSIBLE PARKING SYMBOL TREE - PER LANDSCAPE PLANS BICYCLE PARKING SPACE SIGN SIGN -- PAVEMENT MARKING NOTES: 234. PAINT CURB SOLID RED WITH 'NO PARKING - FIRE LANE' TEXT SPACED

**LEGEND** 

36.0'

C204

SITE AND DIMENSIONING PLAN - SOUTH ACCESS ROAD

CONCRETE PAVING

ASPHALT PAVING PLAY SURFACING

STORMWATER FACILITY

(E) SURFACE CONTOUR - MAJOR

LANDSCAPE

**GRAVEL PAVING** 

 CONVEYANCE DITCH GRADE BREAK

> BACK WATER VALVE PARKING BUMPER

FIRE WATER VAULT

ACCESSIBLE PARKING SYMBOL BREYECLEEPARAINDOS SPAREEPLANS

FIRE DEPARTMENT CONNECTION

SANITARY SEWER MANHOLE

BOLLARD

WATER BOX WATER VALVE FIRE HYDRANT

POWER METER

**GAS METER** 

CLEANOUT TO GRADE GREASE INTERCEPTOR

RIPRAP

CONCRETE PAVING - SNOWMELT



AUNITY COI

SHEET TITLE: **GRADING AND** DRAINAGE SITE KEY

REVISIONS:

1 ADD 4

08.29.2025

ISSUE DATE: 08.01.2025

C300

1"=40'

2.46%

2.50%

2.41%

1.87%

1.50%

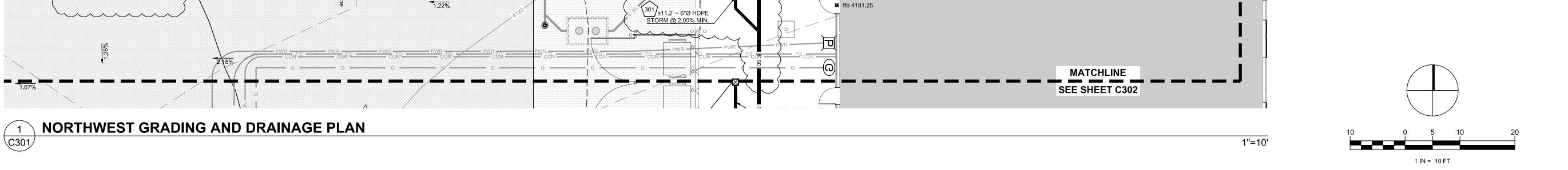
1.50%

0.52%

3.14%

Z 2.929

1.22%



±19.2 ~ 4"Ø PVC 301 306 STORM @ 2.00% MIN.

sw 4181.20

±12.2' ~ 4"Ø PVC (301) STORM @ 2.00% MIN.

±15.0' ~ 4"Ø PVC STORM @ 2.00% 301 306

€ ffe 4181.25

¥ ffe 4181.25

NEW KCC CLC

BLDG #11

(N) SDCO 302 6"Ø ie\_ 4178.56

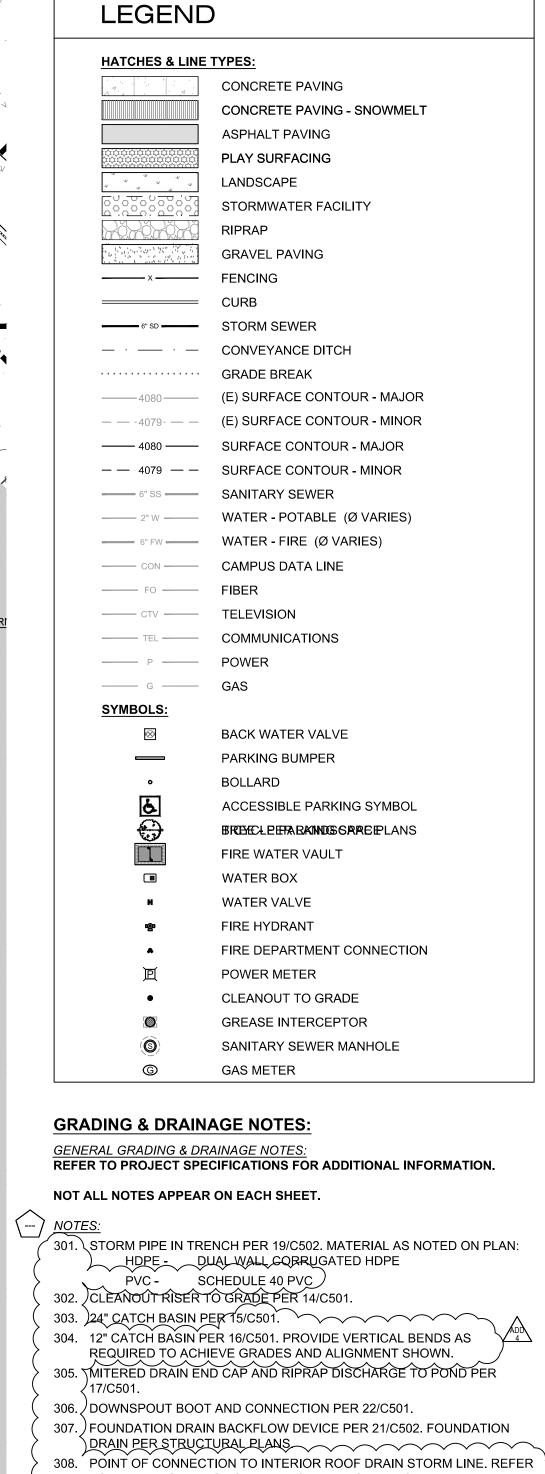
sw 4180.89 🕱

±66.9° ~ 6"Ø HDPE ∑ 301 STORM @ 3.15%

(N) SDCO 6"Ø ie - 4176.45

(N) SDCB - rim - 4181.14

6"Ø ie - 4178.64



306 301 ±15.8 ~ 6"Ø PVC STORM @ 2.00% MIN.

(N) SDCO 6"Ø ie - 4178.13

TO PLUMBING PLANS FOR ADDITIONAL INFORMATION. 

SHEET TITLE:

**NW GRADING** AND DRAINAGE PLAN

CE CE

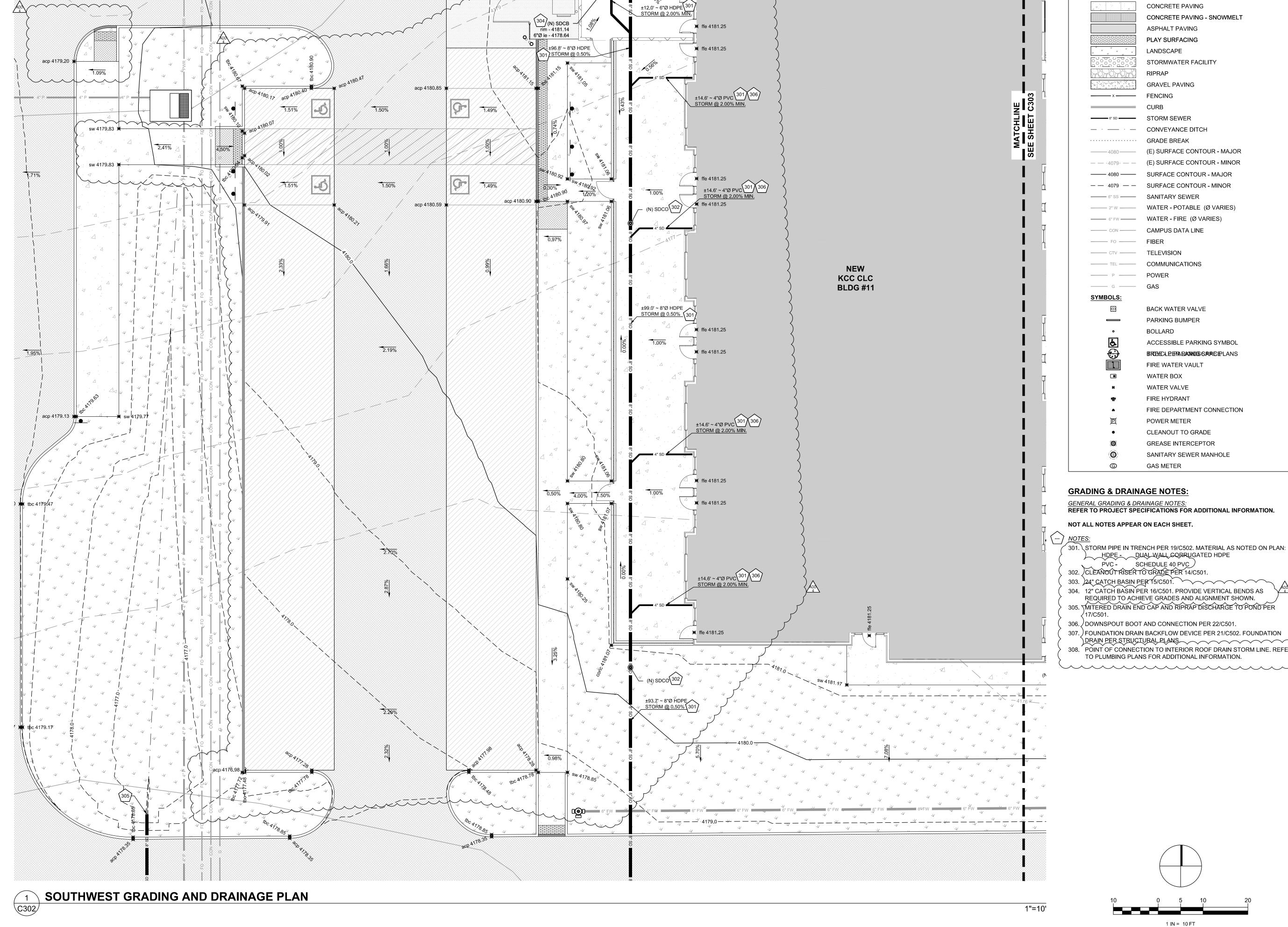
EXPIRES: 06-30-26

REVISIONS:

1 ADD 4

08.29.2025

ISSUE DATE: 08.01.2025







SANITARY SEWER MANHOLE

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

NOT ALL NOTES APPEAR ON EACH SHEET.

**LEGEND** 

**HATCHES & LINE TYPES:** 

CONCRETE PAVING

ASPHALT PAVING

PLAY SURFACING

**GRAVEL PAVING** 

 CONVEYANCE DITCH GRADE BREAK

- 4080 —— SURFACE CONTOUR - MAJOR

CAMPUS DATA LINE

COMMUNICATIONS

BACK WATER VALVE PARKING BUMPER

FIRE WATER VAULT

WATER BOX WATER VALVE FIRE HYDRANT

POWER METER

**GAS METER** 

CLEANOUT TO GRADE GREASE INTERCEPTOR

ACCESSIBLE PARKING SYMBOL

BREACLEETA BAINDOS GRACEPLANS

FIRE DEPARTMENT CONNECTION

BOLLARD

STORMWATER FACILITY

(E) SURFACE CONTOUR - MAJOR

LANDSCAPE

RIPRAP

- 6" SD ----- STORM SEWER

CONCRETE PAVING - SNOWMELT

**MATCHLINE** 

SEE SHEET C301

₩ ffe 4181.25

301. STORM PIPE IN TRENCH PER 19/C502. MATERIAL AS NOTED ON PLAN: HDPE - DUAL WALL CORRUGATED HDPE
PVC - SCHEDULE 40 PVC
302. CLEANOUT RISER TO GRADE PER 14/C501.

303. 24" CATCH BASIN PER 15/C501.

304. 12" CATCH BASIN PER 16/C501. PROVIDE VERTICAL BENDS AS REQUIRED TO ACHIEVE GRADES AND ALIGNMENT SHOWN. 305. MITERED DRAIN END CAP AND RIPRAP DISCHARGE TO POND PER

306. DOWNSPOUT BOOT AND CONNECTION PER 22/C501.

307. ) FOUNDATION DRAIN BACKFLOW DEVICE PER 21/C502. FOUNDATION DRAIN PER STRUCTURAL PLANS 308. POINT OF CONNECTION TO INTERIOR ROOF DRAIN STORM LINE. REFER

SHEET TITLE:

SW GRADING AND DRAINAGE PLAN

CE CE

REVISIONS:

1 ADD 4

08.29.2025

ISSUE DATE: 08.01.2025

ARCHITECTURE



ZCS

ND PERMIT SET
MATH COMMUNITY COLLEGE
DCARE LEARNING CENTER

SHEET TITLE:

SE GRADING
AND DRAINAGE
PLAN

REVISIONS:

REVISIONS:
1 ADD 4

1 ADD 4

08.29.2025

ISSUE DATE: 08.01.2025

C303

1"=10'

C303

SOUTHEAST GRADING AND DRAINAGE PLAN

(NORTHEAST) GRADING AND DRAINAGE PLAN

ARCHITECTURE



ZCS

V PERMIT SET

ATH COMMUNITY COLLEGE

CARE LEARNING CENTER

SHEET TITLE:

NE GRADING
AND DRAINAGE

PLAN

REVISIONS:

1 ADD 4 08.29.2025

ISSUE DATE: 08.01.2025

C304

0 5 10 20 1 IN = 10 FT

MATCHLINE

SEE SHEET C303

1"=10'





CE CE

SHEET TITLE: ACCESS ROAD AND OUTER SITE GRADING AND DRAINAGE PLAN

REVISIONS:

1 ADD 4

08.29.2025

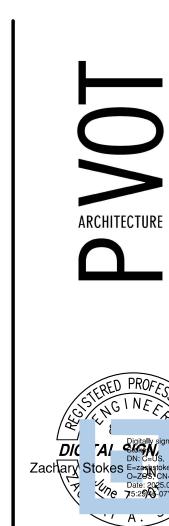
ISSUE DATE: 08.01.2025

C305

1"=40'



**UTILITY SITE KEY** 



CONCRETE PAVING

ASPHALT PAVING PLAY SURFACING

STORMWATER FACILITY

LANDSCAPE

**GRAVEL PAVING** 

CAMPUS DATA LINE

FIRE WATER VAULT

FIRE DEPARTMENT CONNECTION

SANITARY SEWER MANHOLE

ACCESSIBLE PARKING SYMBOL TREE - PER LANDSCAPE PLANS

BICYCLE PARKING SPACE

BACK WATER VALVE - SEE C300 SERIES

CLEANOUT TO GRADE GREASE INTERCEPTOR

WATER BOX WATER VALVE FIRE HYDRANT

**GAS METER** 

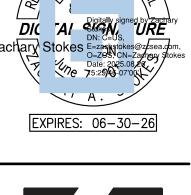
BOLLARD

POWER METER

PARKING BUMPER

RIPRAP

CONCRETE PAVING - SNOWMELT





SHEET TITLE: UTILITY SITE KEY

REVISIONS:

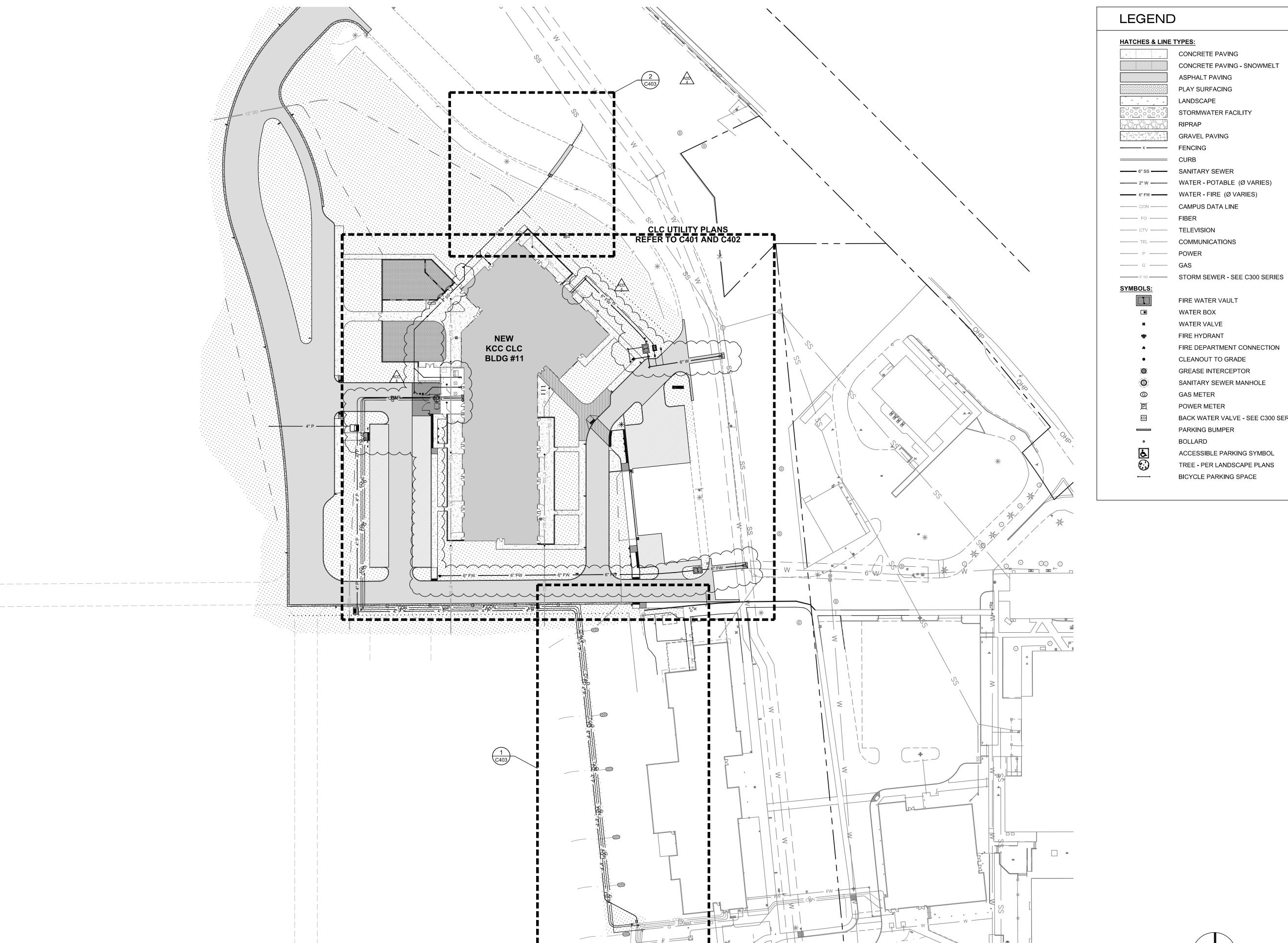
1 ADD 4

08.29.2025

C400

ISSUE DATE: 08.01.2025

1"=50'



45° VERT. BEND

- (N) SSCO 427 4"Ø ie - 4177.38

NEW

KCC CLC

**BLDG #11** FFE = 4181.25

±19.3' ~ 4"Ø D3034 426 SANITARY @ 2.00% MIN.

±70.0' ~ 4"Ø D3034 SANITARY @ 2.38%

SANITARY - STORM X-ING

4"Ø SANITARY TOP - 4176.02

**VERTICAL SEPARATION - 3"** 

8"Ø STORM ie - 4176.36

±52.0' ~ 4"Ø D3034 426

4"Ø ie - 4175.83

(N) SSCO 427

4"Ø ie - 4178.2

SANITARY - STORM X-ING 4"Ø SANITARY ie - 4178.00

VERTICAL SEPARATION - 11"

8"Ø STORM TOP - 4177.06

±39.3' ~ 4"Ø D3034 SANITARY @ 2.22%

±250.0'~ 6"Ø €900 ~

427 (N) SSCO -

<sup>\*</sup>4"Ø ie <sup>\*</sup>- 4,171.71

427 (N) SSCO 4"Ø ie - 4173.33

426 ±60.7' ~ 4"Ø D3034 \$

🗸 SANITARY @ 2.38% 🕽

`4"Ø ie - 4174.79 \*

(N) SSCO -

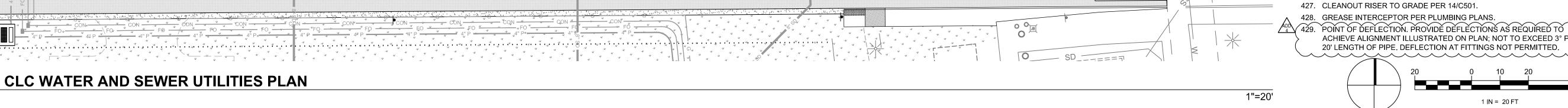
45° VERT. BENDS

4"Ø ie - 4176.82

426 ±26.5' ~ 4"Ø D3034

SANITARY @ 2.00% MIN.

C401/



. ±135.4' ~ 3"Ø PVC 402

±111.2' ~ 6"Ø C900 FIRE WATER 402

±83.3' ~ 6"Ø C900 DOMESTIC WATER

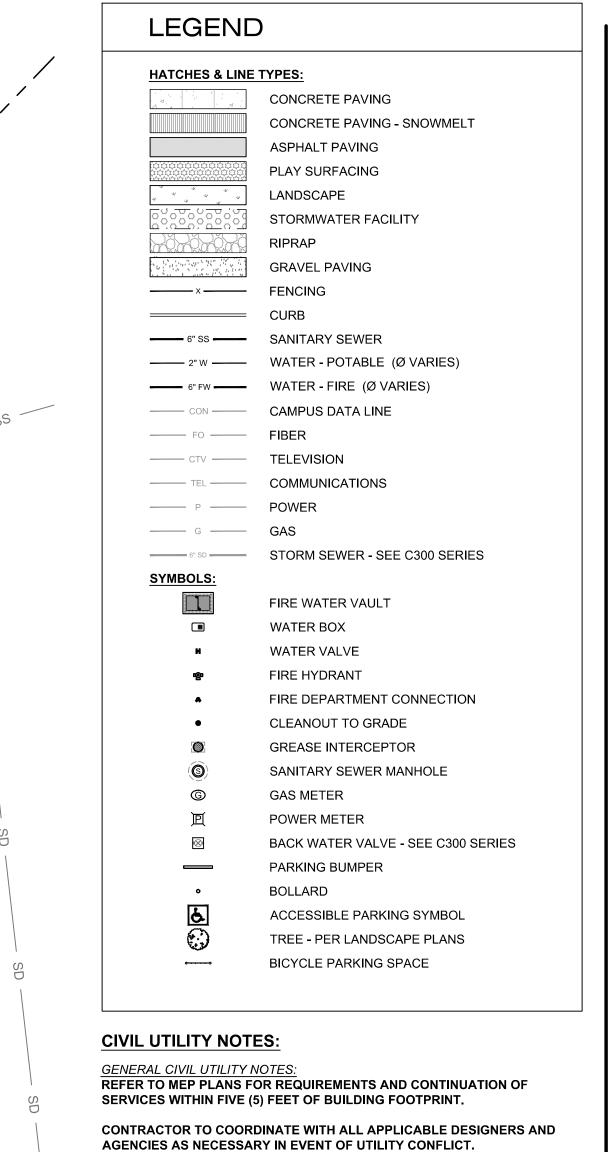
FIRE WATER (402)

±72.0' ~ 6"Ø DIP 402 FIRE WATER

DOMESTIC WATER

±29.5' ~ 4''Ø DJP 402 FIRE WATER

±15.8' ~ 6"Ø DIP 402 FIRE WATER



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.

401. 6"Ø CONNECTION TO EXISTING 12"Ø PVC WATER MAIN USING 'ROMAC SST TAPPING SLEEVE' (OR APPROVED EQUAL) AND GATE VALVE PER CKF 7-105, 7-105a, AND 7-105b ON C601. PROVIDE THRUST BLOCKING PER CKF 2-120/C600. CONTRACTOR TO SWAB ALL PARTS UP TO BACKFLOW DEVICE UNDER CITY INSPECTION. 402. WATER LINE IN TRENCH PER 2-105/C600. MATERIAL AS NOTED ON

C900 - BLUE C900 DR18 DIP - CLASS 50 DUCTILE IRON

PVC- SCHEDULE 40 PVC 403. FIRE SERVICE ASSEMBLY PER 23/C502.

> 404. DOMESTIC WATER SERVICE ASSEMBLY PER 23/C502.

→ 405. 6" 'FEBCO' 'LF856' DCDA IN VAULT SIMILAR TO 23/C502. 406. FIRE HYDRANT ASSEMBLY PER CKF 7-110/C601.

407. POINT OF CONNECTION FOR IRRIGATION SYSTEM. PROVIDE AND INSTALL METER BOX PER CKF 7-100/C600, 7-100a/C601, 7-100b/C601, AND 7-100c/C601. COORDINATE 1" WATER LINE AND METER INSTALLATION WITH CITY AT TIME OF CONSTRUCTION. CONNECT TO

METER PER LANDSCAPE PLANS. 408. POINT OF DEFLECTION. PROVIDE DEFLECTIONS AS REQUIRED TO ACHIEVE ALIGNMENT ILLUSTRATED ON PLAN; NOT TO EXCEED 3° PER 20' LENGTH OF PIPE. DEFLECTION AT FITTINGS NOT PERMITTED. 409. LOCATION OF FIRE RISER ROOM. VERIFY WITH ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.

410. (16' WIDE) PERMANENT EASEMENT BENEFITING THE CITY OF KLAMATH

-- 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

ACHIEVE ALIGNMENT ILLUSTRATED ON PLAN; NOT TO EXCEED 3° PER



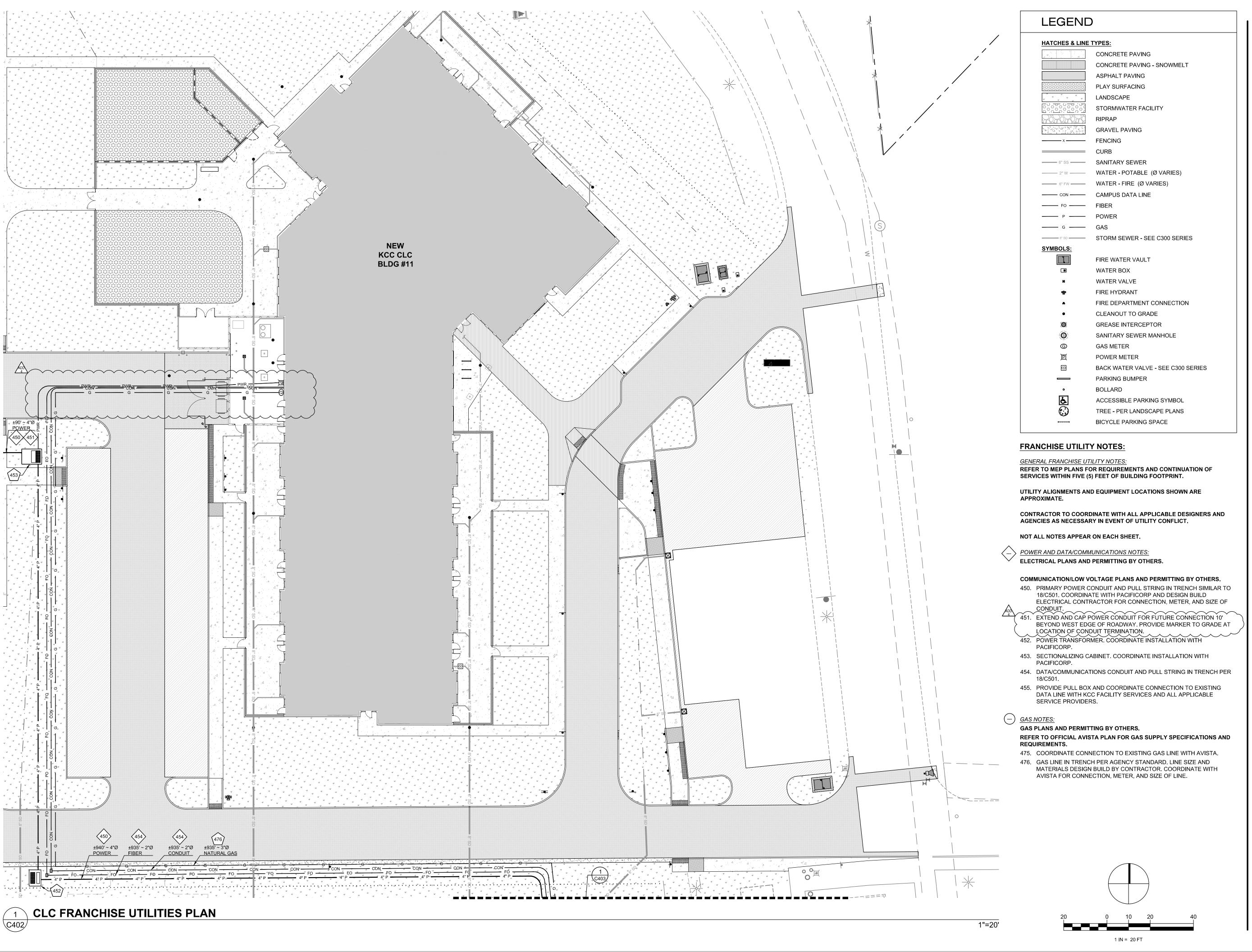


SHEET TITLE:

**CLC WATER** AND SEWER **UTILITIES PLAN** 

REVISIONS: 1 ADD 4 08.29.2025

ISSUE DATE: 08.01.2025



ARCHITECTURE





ND PERMIT SET

MATH COMMUNITY COLLEGE

DCARE LEARNING CENTER

CLC FRANCHISE UTILITIES PLAN

REVISION

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ISSUE DATE: 08.01.2025



±200.2' ~ 4"Ø D3034 SANITARY @ 2.38%

ie - 4171.10

#### **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.

NOT ALL NOTES APPEAR ON EACH SHEET.

(--) <u>SANITARY SEWER NOTES:</u>

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. 429. POINT OF DEFLECTION. PROVIDE DEFLECTIONS AS REQUIRED TO ACHIEVE ALIGNMENT ILLUSTRATED ON PLAN; NOT TO EXCEED 3° PER 20' LENGTH OF PIPE. DEFLECTION AT FITTINGS NOT PERMITTED.

#### 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

451. EXTEND AND CAP POWER CONDUIT FOR FUTURE CONNECTION 10' BEYOND WEST EDGE OF ROADWAY. PROVIDE MARKER TO GRADE AT LOCATION OF CONDUIT TERMINATION. 452. POWER TRANSFORMER. COORDINATE INSTALLATION WITH

PACIFICORP. 453. SECTIONALIZING CABINET. COORDINATE INSTALLATION WITH PACIFICORP.

454. DATA/COMMUNICATIONS CONDUIT AND PULL STRING IN TRENCH PER

455. PROVIDE PULL BOX AND COORDINATE CONNECTION TO EXISTING DATA LINE WITH KCC FACILITY SERVICES AND ALL APPLICABLE SERVICE PROVIDERS.

#### (--) GAS NOTES:

1"=20'

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

----- 6" SS ----- SANITARY SEWER ——— 2" W ——— WATER - POTABLE (Ø VARIES)

—— 6" FW —— WATER - FIRE (Ø VARIES) ---- CON ---- CAMPUS DATA LINE

STORM SEWER - SEE C300 SERIES

SYMBOLS: FIRE WATER VAULT

> WATER BOX WATER VALVE FIRE HYDRANT

FIRE DEPARTMENT CONNECTION CLEANOUT TO GRADE

SANITARY SEWER MANHOLE GAS METER

POWER METER BACK WATER VALVE - SEE C300 SERIES

GREASE INTERCEPTOR

PARKING BUMPER BOLLARD ACCESSIBLE PARKING SYMBOL

> TREE - PER LANDSCAPE PLANS BICYCLE PARKING SPACE



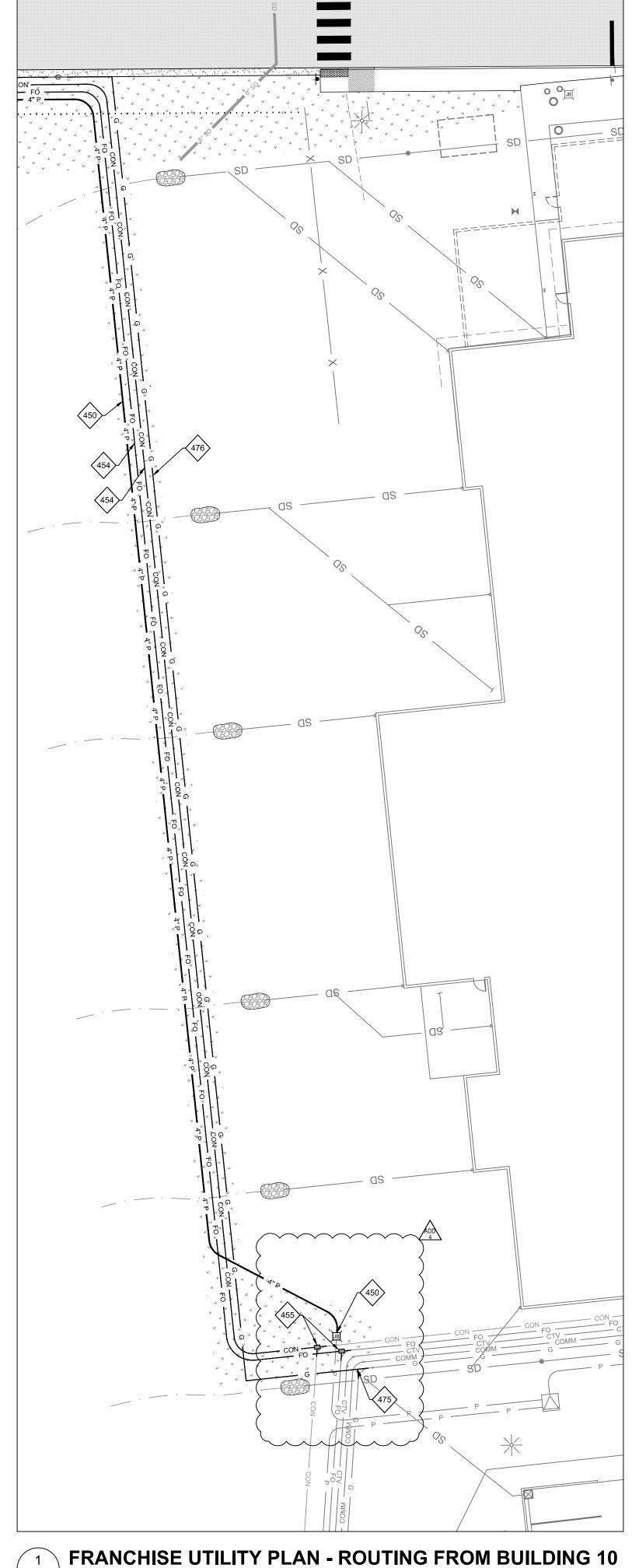


SHEET TITLE: UTILITY CONNECTIONS PLAN

REVISIONS:

ISSUE DATE: 08.01.2025

C403



08.29.2025

G500

C500/

NTS

ARCHITECTURE ■



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AND PERMIT SET
AMATH COMMUNITY COLLEGILDCARE LEARNING CENTEF

SHEET TITLE:

CIVIL DETAILS

REVISIONS:

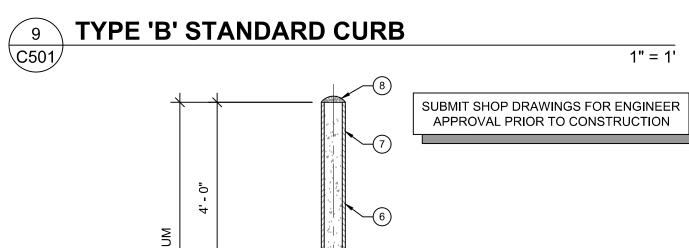
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08.29.2025

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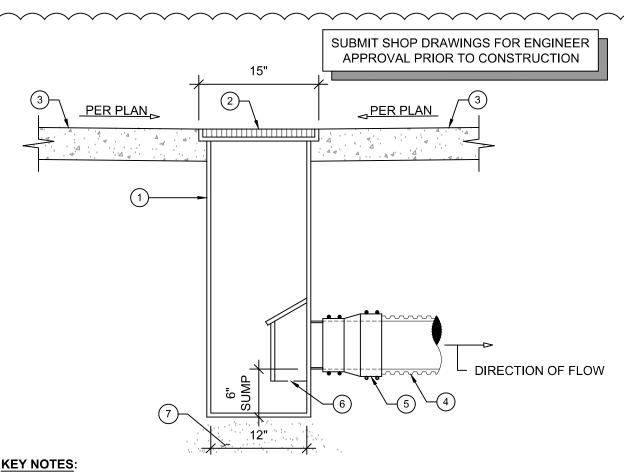
- 1. PROVIDE CONTRACTION JOINTS AT 15' MAXIMUM SPACING AND AT ENDS OF EACH INLET AND RAMP. 2. PROVIDE 3/8" EXPANSION JOINT (HOLD JOINT FILLER DOWN 1/2", TYPICAL) AT 100' MAXIMUM SPACING,
- AND AT POINTS OF TANGENCY, AND AT EACH DRIVEWAYS END. 3. COORDINATE JOINT SPACING TO MATCH CONCRETE SIDEWALK SCORING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



18"Ø MINIMUM Š

- 1. FINISH GRADE PER PLAN.
- 2. SLOPE TOP OF CONCRETE AWAY FROM BOLLARD 1/2" MIN. UNDISTURBED SOIL OR NATIVE BACKFILL.
- 4. CAST CONCRETE DIRECTLY AGAINS FIRM, UNDISTURBED NATIVE OR APPROVED STRUCTURAL FILL. 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.

STATIONARY BOLLARD DETAIL C501



\_\_\_\_\_

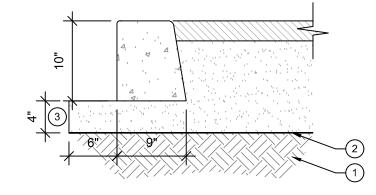
. 12" x 12" x 36" GIBSON STEEL CATCH BASIN (OR APPROVED EQUAL) 2. HEEL-PROOF PEDESTRIAN RATED LID

- 3. SURFACE PER PLAN
- 4. STORM LINE MATERIAL, SIZE, SLOPE, ALIGNMENT, AND COVER PER PLAN
- 5. FLEXIBLE COUPLER 6. TRAP WITH HINGED LID

₹ \C501/

7. 4" OF 3/4" MINUS BASEROCK OVER COMPACTED NATIVE MATERIAL

12" STEEL CATCH BASIN

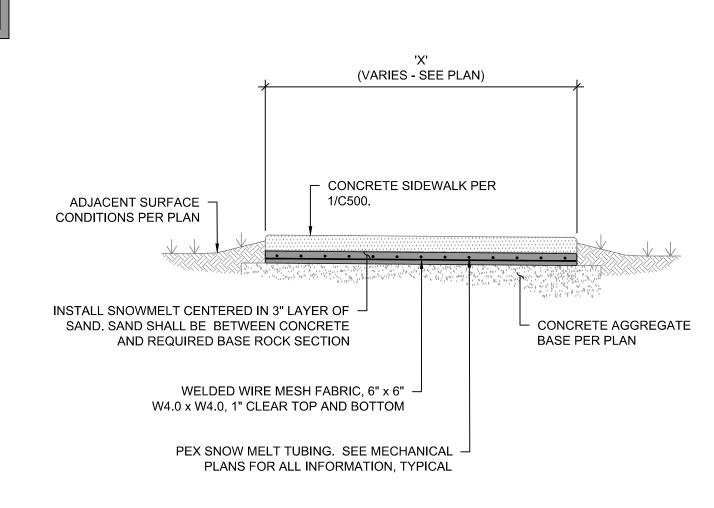


#### **KEY NOTES:** . APPROVED SUBGRADE. GEOTEXTILE WHERE SPECIFIED WITH PAVEMENT SECTION.

3. 3/4" MINUS AGGREGATE BASE.

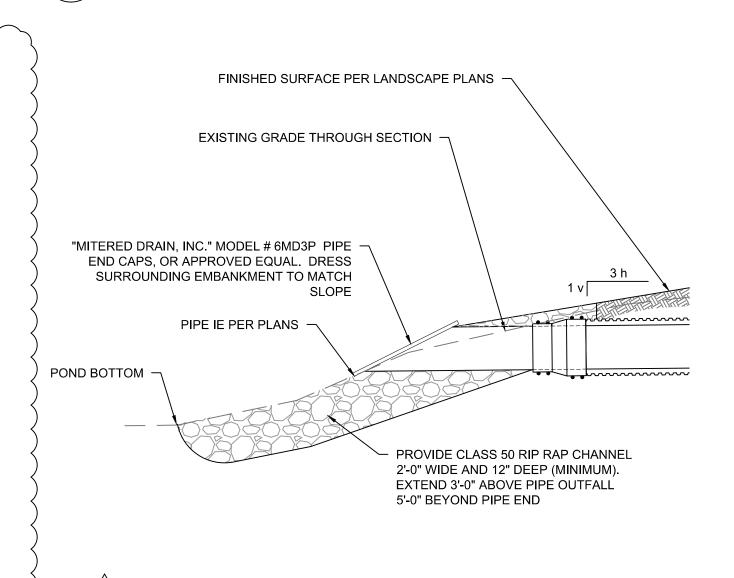
- 1. CONSTRUCT CURB EXPANSION JOINTS AT 100' MAXIMUM SPACING, AT POINTS OF
- TANGENCY, AND AT ENDS OF DRIVEWAYS/RAMPS. CONSTRUCT CURB CONTRACTION JOINTS AT 15' MAXIMUM SPACING.
- TRANSITION BETWEEN CURB EXPOSURES OR CURB TYPES PER PLAN. 4. TOP OF CURB TO SLOPE TOWARD PAVEMENT AT 1.5% UNLESS NOTED OTHERWISE
- DIMENSIONS AT RADII ARE MEASURED TO THE POINT OF INTERSECTION OF THE CURB

**FLUSH CURB** 1" = 1'

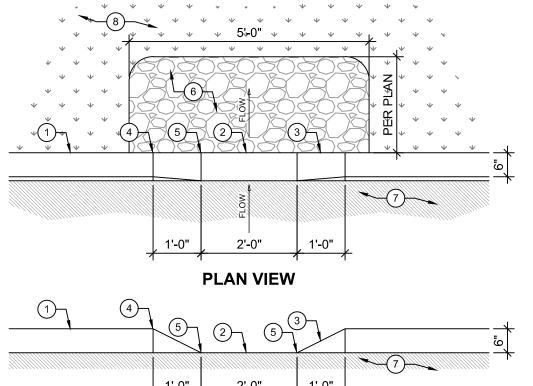


#### **SNOWMELT CONCRETE PAVING** C501

NTS



#### PIPE OUTFALL WITH ENERGY DISSIPATER NTS (\C501)

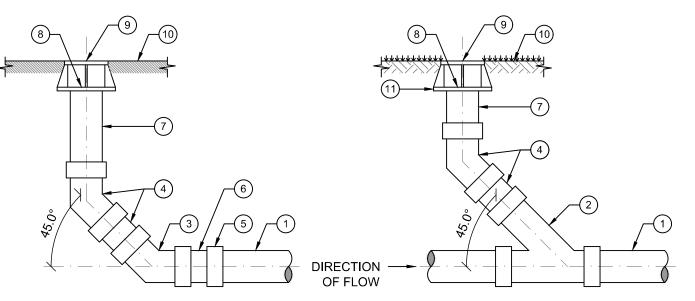


### 2'-0" 1'-0" **SECTION VIEW**

#### KEY NOTES: 1. FULL HEIGHT CURB.

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

**CURB CUT** 



**IN-LINE CLEANOUT** 

NTS

C501

#### **BEGINNING OF LINE CLEANOUT**

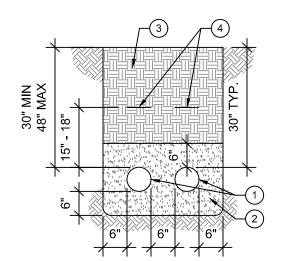
#### I. MAIN LINE PER PLAN

NTS

- 45° BEND SPOOL AND 45° BEND OR BELL x SPIGOT 45° BEND
- ECCENTRIC REDUCER AS NECESSARY SPOOL AS NECESSARY
- CLEANOUT RISER. 4"Ø FOR 4"Ø LINE, 6"Ø FOR 6"Ø AND LARGER LINE
- PROVIDE MECHANICAL PLUG, 'CHERNE' 'END OF PIPE GRIPPER' OR APPROVED ALTERNATIVE 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.

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

#### TYPICAL PRIVATE CLEANOUT TO GRADE C501



C501

NTS

- PACIFICORP PRIMARY POWER CONDUIT OUTSIDE OF PAVED AREAS.
- PIPE ZONE: BACKFILL SCREENED TO 4" MINUS OR APPROVED IMPORTED STRUCTURAL FILL. 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.

- PRIMARY POWER INSTALLATION SHALL MEET THE REQUIREMENTS OF POWER COMPANY, REFER TO APPROVED . CONTRACTOR TO COORDINATE FINAL REQUIREMENTS AND
- PRIMARY POWER CONDUIT MUST BE 36" MIN HORIZONTALLY FROM OTHER UTILITIES, AND 12" MIN VERTICALLY AT CROSSINGS.
- 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.
- PRIMARY CONDUIT SHALL BE ELECTRICAL GRADE SCH 40 PVC. HORIZONTAL SWEEPS SHALL BE 60" RADIUS FIBERGLASS WITH 0.11" MINIMUM WALL THICKNESS.

# **UNLESS NOTED** OTHERWISE

**SECTION VIEW** 

I. ASPHALT DIPPED 24" SQUARE GIBSON STEEL CATCH BASIN (OR APPROVED EQUAL)

STORM LINE - MATERIAL, SIZE, SLOPE, ALIGNMENT, AND COVER PER PLAN

2. HEAVY DUTY H-20 LOAD RATED, BICYCLE PROOF GRATE

(Ž4")STEEL CATCH BASIN

PAVED AREA UNPAVED AREA

9. 4" OF 3/4" MINUS BASEROCK OVER COMPACTED NATIVE MATERIAL

SECONDARY POWER OR DATA/COMMUNICATIONS CONDUIT. PIPE ZONE: 3/4" MINUS COMPACTED CRUSHED ROCK.

POWER: 6" WIDE, RED, READING 'CAUTION BURIED ELECTRIC LINE BELOW'.

PIPING OR STRUCTURES PER SPECIFICATION SECTION 31\_23\_16.13.

COMMUNICATIONS: 6" WIDE, ORANGE, READING 'CAUTION BURIED COMMUNICATIONS LINE

BACKFILL CONTROL LOW-STRENGTH MATERIAL IN AREAS WITHIN 12" OF ADJACENT UTILITY

COMPACTED RECLAIMED NATIVE BACKFILL.

4. WARNING TAPE

5. PAVEMENT SECTION PER PLAN.

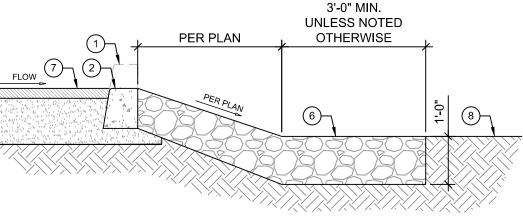
. PAVING PER PLAN

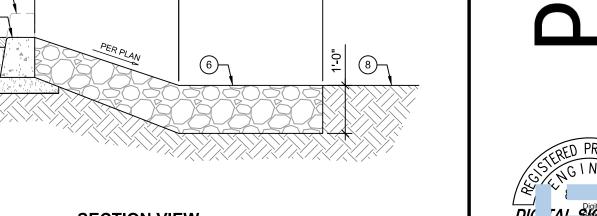
7. FLEXIBLE COUPLER

8. TRAP WITH HINGED LID

4. CURB AND GUTTER PER PLAN

SIDEWALK PER PLAN



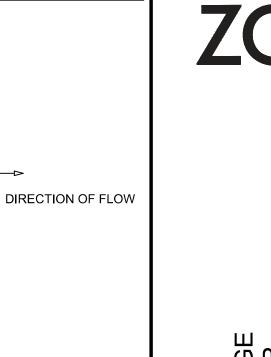


SUBMIT SHOP DRAWINGS FOR ENGINEER

APPROVAL PRIOR TO CONSTRUCTION







1/2" = 1"

1/2" = 1'

UNPAVED AREA

PAVED AREA

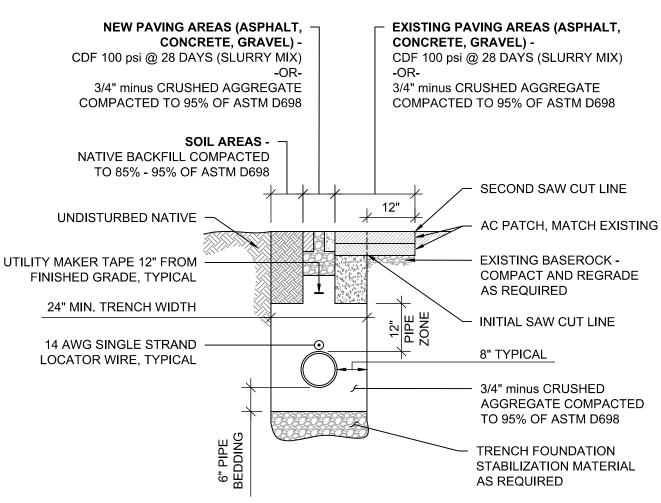
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SHEET TITLE: **CIVIL DETAILS** 

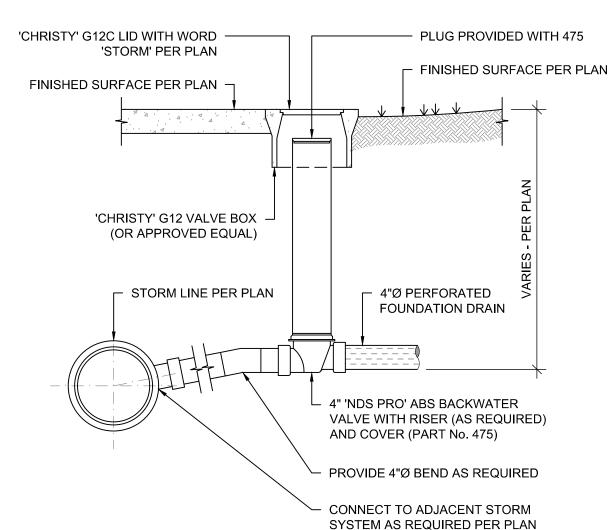
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POWER/DATA CONDUIT TRENCH

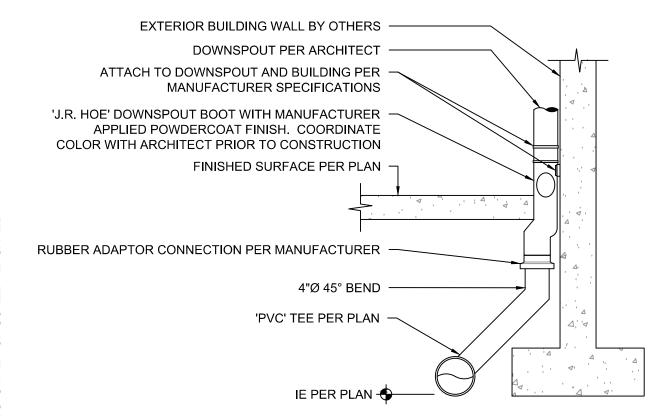








FOUNDATION DRAIN BACK WATER VALVE



**DOWNSPOUT BOOT AND CONNECTION** 

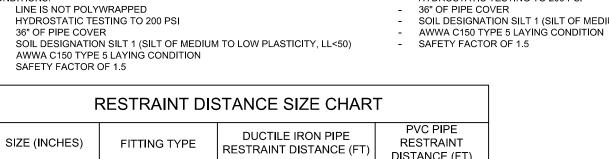
(C502)

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

LINE IS NOT POLYWRAPPED

HYDROSTATIC TESTING TO 200 PSI

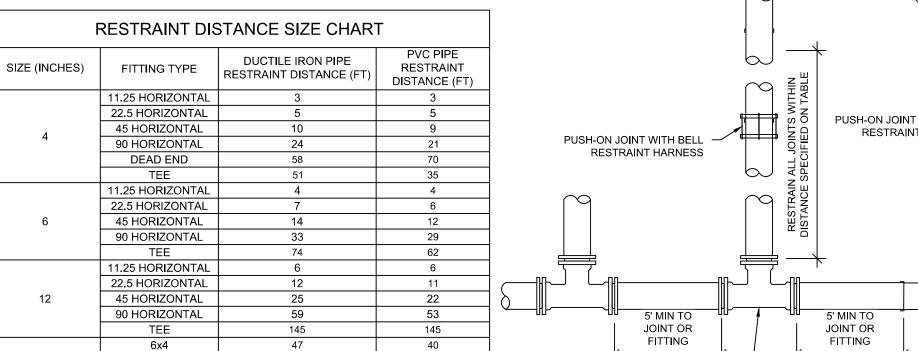
SOIL DESIGNATION SILT 1 (SILT OF MEDIUM TO LOW PLASTICITY, LL<50)



FIRE AND WATER SERVICE ASSEMBLY

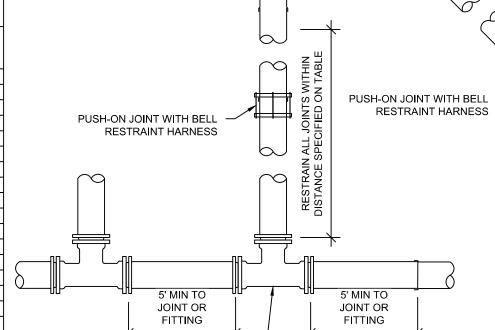
NTS

C502



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 SOIL DESIGNATION SILT 1 (SILT OF MEDIUM TO LOW PLASTICITY, LL<50)



RESTRAIN ALL JOINTS WITHIN DISTANCE SPECIFIED ON TABLE MJ X MJ DUCTILE IRON FITTING PUSH-ON JOINT WITH BELL RESTRAINT HARNESS PUSH-ON JOINT WITHOUT -RESTRAINT HARNESS HORIZONTAL BEND JOINT RESTRAINT

PUSH-ON JOINT WITH BELL RESTRAINT HARNESS PUSH-ON JOINT WITHOUT RESTRAINT HARNESS VERTICAL BEND JOINT RESTRAINT

RESTRAIN ALL JOINTS WITHIN DISTANCE SPECIFIED ON TABLE DISTANCE L1 MJ X MJ DUCTILE IRON FITTING RESTRAINT HARNESS

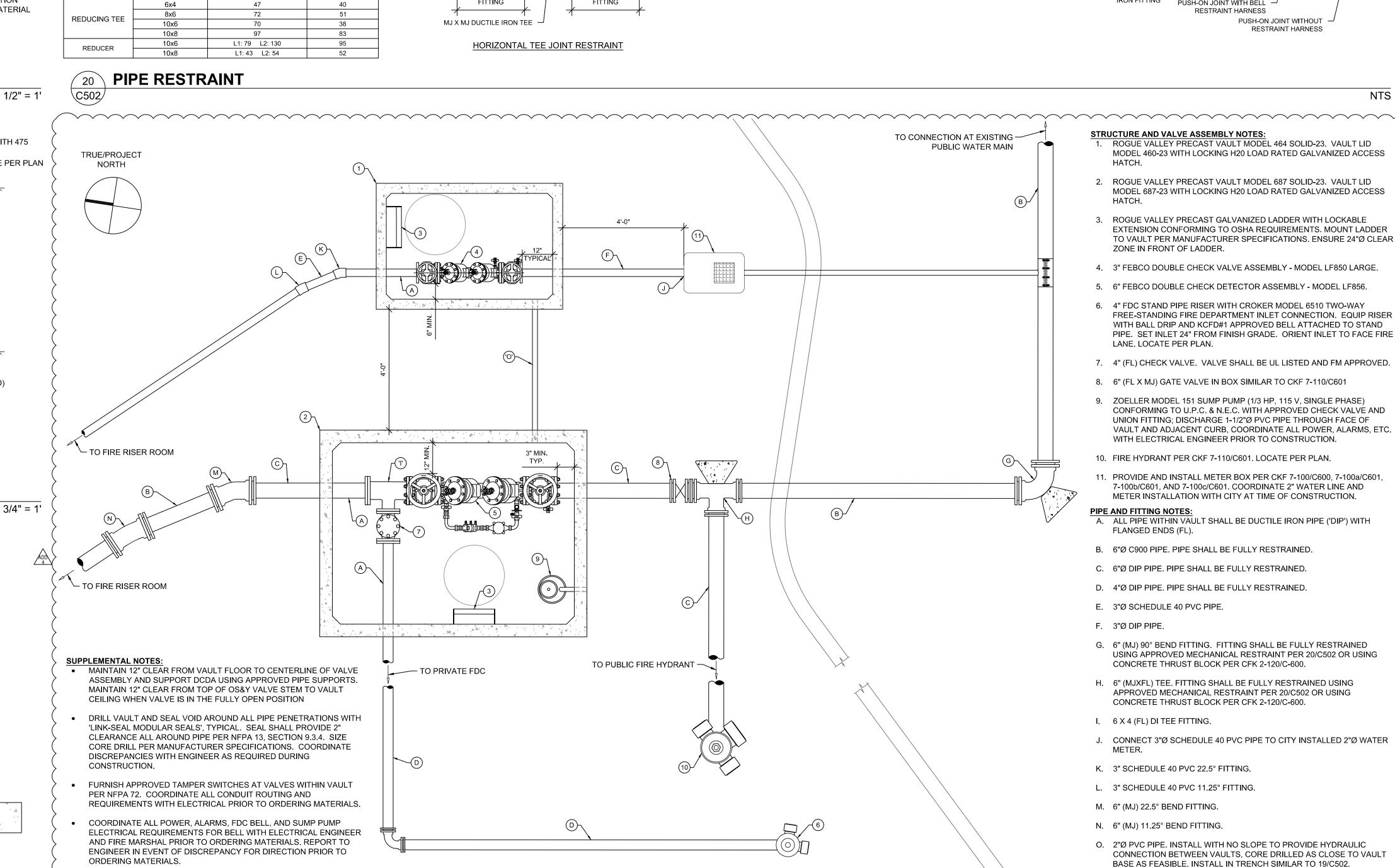
6. 4" FDC STAND PIPE RISER WITH CROKER MODEL 6510 TWO-WAY FREE-STANDING FIRE DEPARTMENT INLET CONNECTION, EQUIP RISER WITH BALL DRIP AND KCFD#1 APPROVED BELL ATTACHED TO STAND PIPE. SET INLET 24" FROM FINISH GRADE. ORIENT INLET TO FACE FIRE

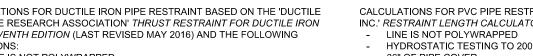
9. ZOELLER MODEL 151 SUMP PUMP (1/3 HP, 115 V, SINGLE PHASE) CONFORMING TO U.P.C. & N.E.C. WITH APPROVED CHECK VALVE AND UNION FITTING; DISCHARGE 1-1/2"Ø PVC PIPE THROUGH FACE OF VAULT AND ADJACENT CURB, COORDINATE ALL POWER, ALARMS, ETC.

ISSUE DATE: 08.01.2025

NTS

C502





PUSH-ON JOINT WITHOUT

RESTRAINT HARNESS

RESTRAIN ALL JOINTS WITHIN

DISTANCE SPECIFIED ON TABLE

DISTANCE L2

· MJ X MJ DUCTILE

IRON FITTING

RESTRAIN ALL JOINTS WITHIN

DISTANCE SPECIFIED ON TABLE

DISTANCE L1

MJ X MJ DUCTILE IRON REDUCER

PUSH-ON JOINT WITH BELL

REDUCER JOINT RESTRAINT

RESTRAINT HARNESS

RESTRAIN ALL JOINTS WITHIN

DISTANCE SPECIFIED ON TABLE

PUSH-ON JOINT WITHOUT -

RESTRAINT HARNESS

DISTANCE L2

EXPIRES: 06-30-26



SHEET TITLE: **CIVIL DETAILS** 

REVISIONS: ADD 4 08.29.2025





#### **EROSION CONTROL NOTES:**

PHASE SUMMARY INFORMATION:

FOR NEW KCC CLC BUILDING.

BUILDING.

LEGEND

**HATCHES & LINE TYPES:** 

**HATCHES & LINE TYPES:** 

SYMBOLS:

TRAILER

——— SEDIMENT FENCE

PHASE SPECIFIC CONSTRUCTION

FOUNDATION EXCAVATION

**EROSION AND SEDIMENT CONTROL** 

TEMP. CONSTRUCTION ENTRANCE

CONTRACTOR STAGING AREA

CONSTRUCTION JOB TRAILER

INLET PROTECTION - CATCH BASIN

NEW DRAINAGE FLOW DIRECTION

EXISTING DRAINAGE FLOW DIRECTION

MASS GRADING

-----× CONSTRUCTION SECURITY FENCE

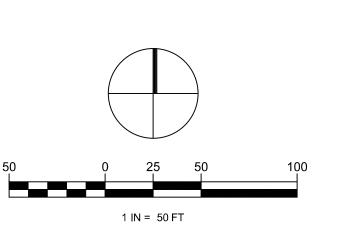
TRASH BIN

RECYCLING BIN

PORTABLE RESTROOM

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

- -- 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.
  - PROVIDE TEMPORARY DUST CONTROL ON DISTURBED SURFACES CREATED BY GRADING ACTIVITIES.
  - PERIMETER SECURITY CONSTRUCTION FENCE AS REQUIRED TO RESTRICT ACCESS.
  - 10. APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND
  - 11. FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH
  - 12. FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.



AUNITY COI RNING CEN

SHEET TITLE: ESCP -CLEARING, GRADING, & **EXCAVATION** 

PHASE REVISIONS:

1 ADD 4

08.29.2025

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#### LEGEND **EROSION AND SEDIMENT CONTROL HATCHES & LINE TYPES:** TEMP. CONSTRUCTION ENTRANCE TEMP. HYDROSEEDING MATERIAL STOCKPILE CONTRACTOR STAGING AREA ——— SEDIMENT FENCE -----× CONSTRUCTION SECURITY FENCE SYMBOLS:

#### PHASE SUMMARY INFORMATION:

TRAILER

RR

 PHASE 4 - SITE STABILIZATION
 STABILIZE MASS GRADED SURFACES USING PERMANENT HYDROSEED MIX, REFER TO LANDSCAPE PLANS.

TRASH BIN

RECYCLING BIN

PORTABLE RESTROOM

 CONTRACTOR TO CONTINUE DUST CONTROL MAINTENANCE ON MASS GRADED SURFACES UNTIL PERMANENT IMPERVIOUS SURFACE COVERAGE IS COMPLETED.

CONSTRUCTION JOB TRAILER

INLET PROTECTION - CATCH BASIN

#### **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.
- 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
- 9. PERIMETER SECURITY CONSTRUCTION FENCE AS REQUIRED TO
- 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
- 12. FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.







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SHEET TITLE: ESCP - SITE STABILIZATION PHASE

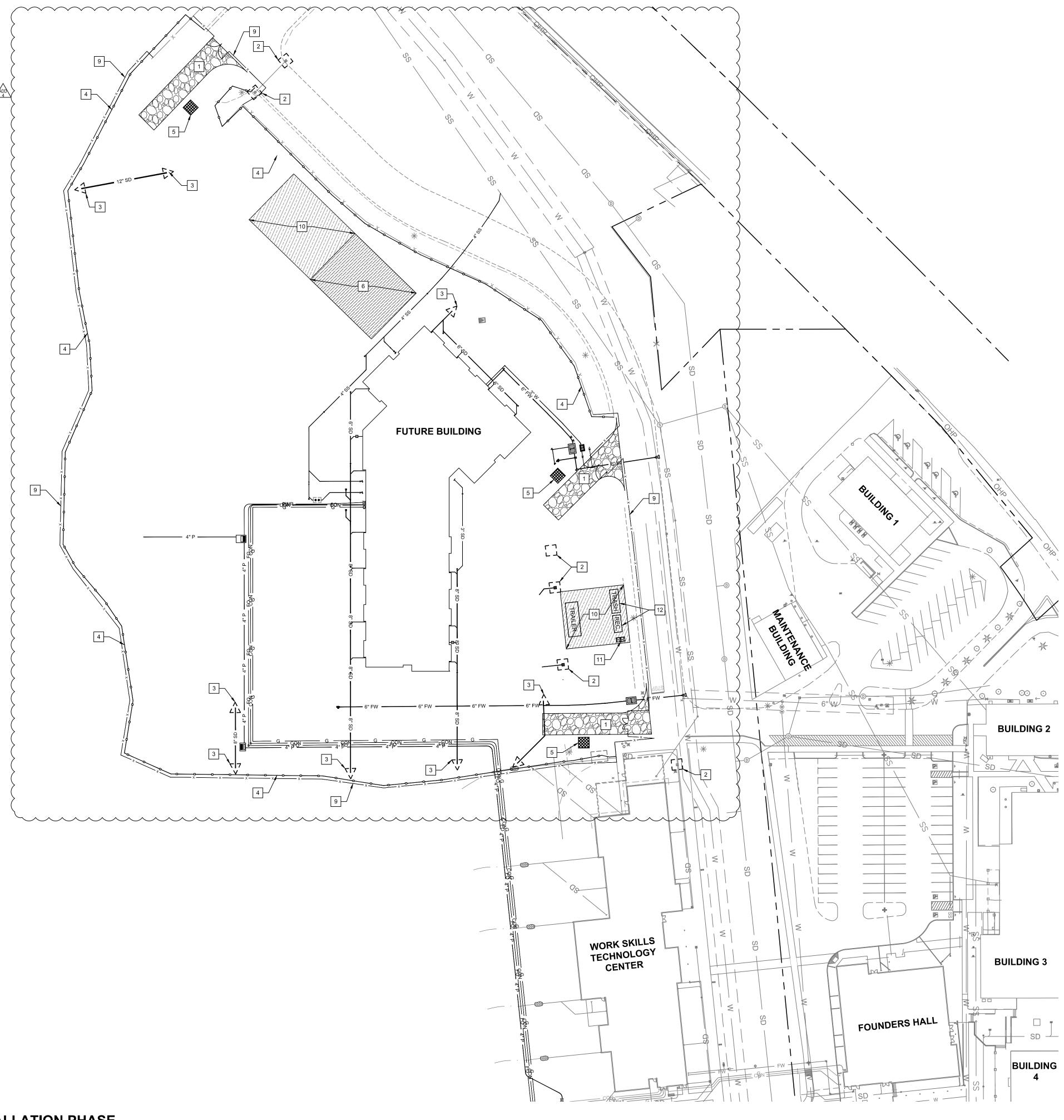
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#### **PHASE SUMMARY INFORMATION:**

**HATCHES & LINE TYPES:** 

——— SEDIMENT FENCE

LEGEND

—— CONDUIT

WATER - FIRE

**LINE TYPES:** 

PHASE SPECIFIC CONSTRUCTION

CLEANOUT TO GRADE

STORM DRAIN CLEANOUT

POWER TRANSFORMER & VAULT

FIRE DEPARTMENT CONNECTION

TEMP. CONSTRUCTION ENTRANCE

CONTRACTOR STAGING AREA CONCRETE TRUCK WASHOUT

CONSTRUCTION JOB TRAILER

INLET PROTECTION - CATCH BASIN

INLET PROTECTION - CULVERT

FIRE PROTECTION VAULT

**EROSION AND SEDIMENT CONTROL** 

MATERIAL STOCKPILE

-----× CONSTRUCTION SECURITY FENCE

TRASH BIN

RECYCLING BIN

PORTABLE RESTROOM

CATCH BASIN

POWER METER JUNCTION BOX

WATER METER FIRE HYDRANT

**GAS METER** 

PULLBOX

——— G ——— EXISTING UTILITY TO REMAIN

SYMBOLS:

TRASH

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:**

1"=50'

-- 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.

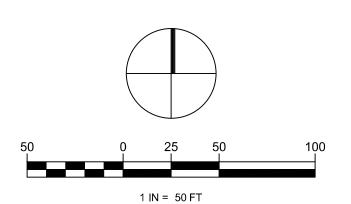
5. CONCRETE TRUCK WASHOUT PER ODOT RD1070/C709. 6. APPROXIMATE LOCATION OF MATERIAL STOCKPILE. FURNISH AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES AT ALL MATERIAL AND SPOIL STOCKPILES. COVER PILES WITH PLASTIC

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

12. FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.



1 ESCP - UTILITY INSTALLATION PHASE





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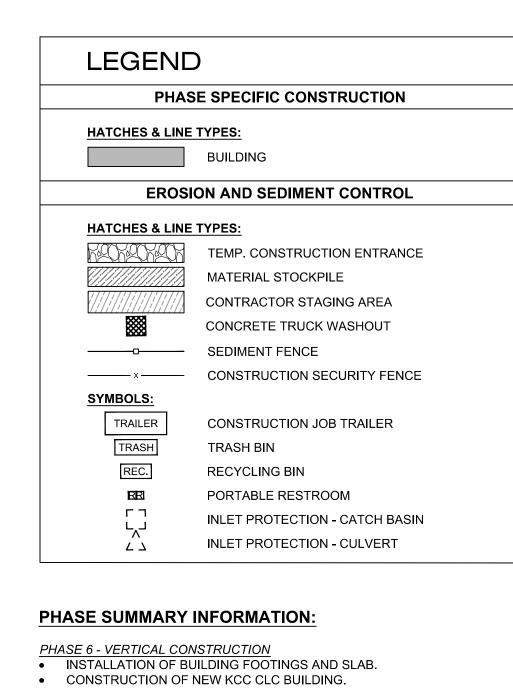
SHEET TITLE: ESCP -VERTICAL CONSTRUCTION PHASE

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**BUILDING 2** 

**BUILDING 3** 

BUILDING

1"=50'

FOUNDERS HALL

4

WORK SKILLS TECHNOLOGY CENTER

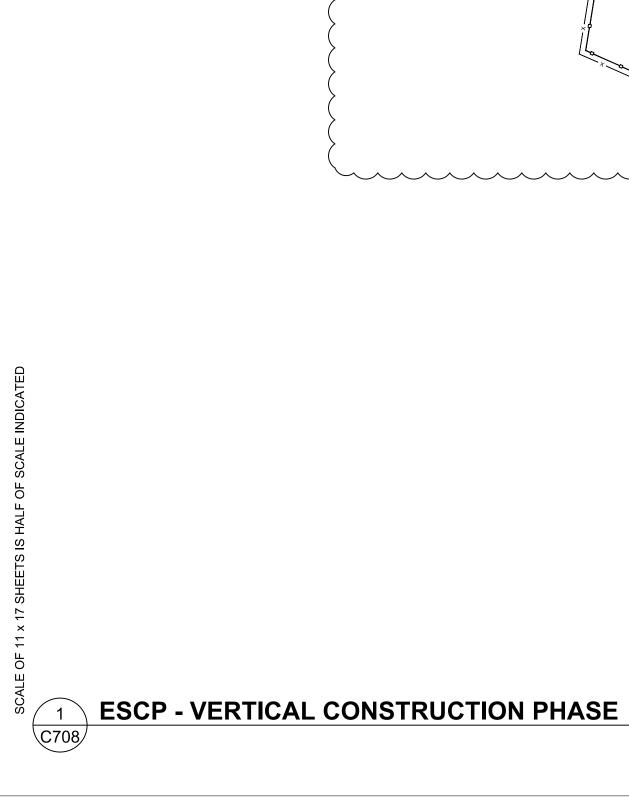
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**BLDG #11** 

- 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
- PERIMETER SECURITY CONSTRUCTION FENCE AS REQUIRED TO RESTRICT ACCESS.
- 10. APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND
- 11. FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH
- 12. FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.

**EROSION CONTROL NOTES:** -- EROSION AND SEDIMENT CONTROL NOTES: 1. CONSTRUCTION ENTRANCE PER ODOT RD1000/C709. SHEETING AND STAKE PER ODOT DET6001.



9

3

-----× CONSTRUCTION SECURITY FENCE

TRASH BIN

RECYCLING BIN

PORTABLE RESTROOM

CONSTRUCTION JOB TRAILER

INLET PROTECTION - CATCH BASIN INLET PROTECTION - CULVERT

#### PHASE SUMMARY INFORMATION:

SYMBOLS:

TRAILER

TRASH

- 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
- 11. FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH
- 12. FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.





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SHEET TITLE: **ESCP - PAVING** 

& FLATWORK PHASE

REVISIONS:

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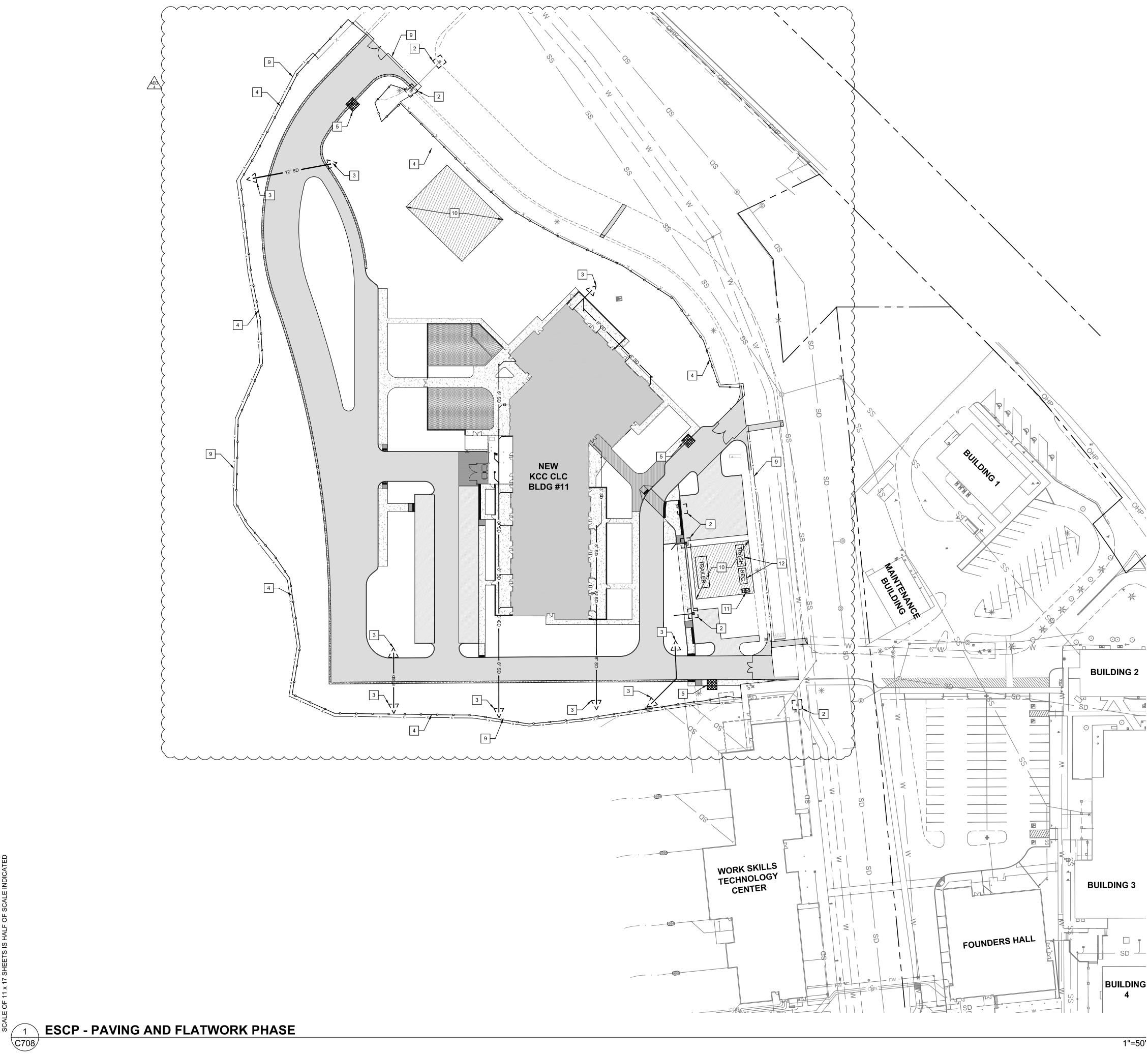
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1 IN = 50 FT

1"=50'



LEGEND

**HATCHES:** 

**LINE TYPES:** 

-----× CONSTRUCTION SECURITY FENCE



COMMUNITY COL

SHEET TITLE:

ESCP -PERMANENT LANDSCAPING & STABILIZATION PHASE

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