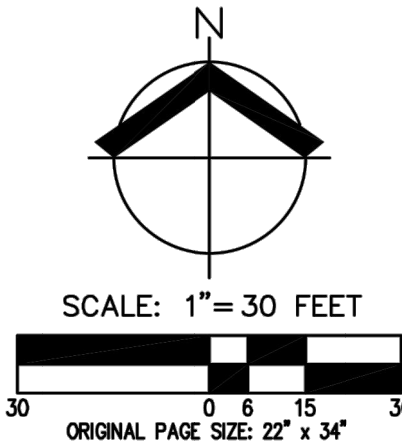


NOTES:

- UTILITIES SHOWN ARE BASED ON UNDERGROUND UTILITY LOCATE MARKINGS PROVIDED BY OTHERS PER PUBLIC UTILITY LOCATE TICKET NUMBERS 21033012, 21033016, AND 21040299 AND PER PRIVATE LOCATING SERVICES. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND LOCATES REPRESENT THE ONLY UTILITIES IN THE AREA. CONTRACTORS ARE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
- FIELD WORK WAS CONDUCTED FEBRUARY 11, 16, AND 17 AND MARCH 4 AND 18, 2021.
- VERTICAL DATUM: ELEVATIONS ARE BASED ON NGS BENCHMARK QEI447, LOCATED AT THE INTERSECTION OF LANCASTER DRIVE NE AND WOLVERINE STREET NE APPROXIMATELY 105 FEET EAST OF THE CENTERLINE OF THE NORTHBOUND LANES OF THE DRIVE AND 30 FT SOUTH OF THE CENTER OF THE STREET. THE NAVD83 ELEVATION OF 202.94 FEET WAS ADJUSTED TO NGVD29 WITH A VERTCON SHIFT OF -3.36 FEET, SETTING THE NGVD29 ELEVATION AT 199.58.
- HORIZONTAL DATUM: A LOCAL DATUM PLANE DERIVED FROM STATE PLANE OREGON NORTH 3601 NAD83 (2011) EPOCH 2010.0000 BY MULTIPLYING BY A PROJECT MEAN GROUND COMBINED SCALE FACTOR OF 1.00010483058952 AT A CENTRAL PROJECT POINT WITH INTERNATIONAL FEET STATE PLANE GRID COORDINATES OF N:488178.996 E:7556065.358 AND A MERIDIAN CONVERGENCE ANGLE OF -1'46"15". STATE PLANE COORDINATES WERE DERIVED FROM GPS OBSERVATIONS USING THE TRIMBLE VRS NOW NETWORK. DISTANCES SHOWN ARE INTERNATIONAL FEET GROUND VALUES.
- THIS IS NOT A BOUNDARY SURVEY TO BE RECORDED WITH THE COUNTY. BOUNDARIES MAY BE PRELIMINARY AND SHOULD BE CONFIRMED WITH THE STAMPING SURVEYOR PRIOR TO RELYING ON FOR DETAILED DESIGN OR CONSTRUCTION.
- BUILDING FOOTPRINTS ARE MEASURED TO SIDING UNLESS NOTED OTHERWISE. CONTACT SURVEYOR WITH QUESTIONS REGARDING BUILDING TIES.
- CONTOUR INTERVAL IS 1 FOOT.
- TREES WITH A DIAMETER OF 6" AND GREATER ARE SHOWN. TREE DIAMETERS WERE MEASURED WITH A DIAMETER TAPE AT BREAST HEIGHT. TREE INFORMATION IS SUBJECT TO CHANGE UPON ARBORIST INSPECTION.
- STRUCTURE WAS FOUND WITHOUT UTILITIES MARKED. ADDITIONAL UNDERGROUND UTILITIES MAY BE IN THE AREA.
- SUBJECT TO A STATE OF OREGON EASEMENT FOR THE IMPROVEMENT AND MAINTENANCE OF CLAGGETT CREEK PER VOLUME 474 PAGE 528.
- SUBJECT TO CITY OF SALEM EASEMENTS FOR SEWER UTILITIES AND RESTRICTIONS PER VOLUME 99 PAGES 375 AND 384, MARION COUNTY DEED RECORDS. THE EASEMENTS FALL WITHIN THE WESTERLY PORTION OF THE SITE. THE EXACT LOCATION CAN NOT BE DETERMINED.
- AN EASEMENT OVER THE ENTIRETY OF TAX LOT 3200 OF TAX MAP 07 3W 12AC WAS GRANTED BY ITS FORMER OWNER TO SALEM-KEIZER SCHOOL DISTRICT 24J FOR THE PURPOSE OF A BUS ACCESS AND TURNAROUND PER R2973 P268.



LEGEND

EXISTING	EXISTING
DECIDUOUS TREE	STORM DRAIN CLEAN OUT
CONIFEROUS TREE	STORM DRAIN CATCH BASIN
FIRE HYDRANT	STORM DRAIN AREA DRAIN
WATER BLOWOFF	STORM DRAIN MANHOLE
WATER METER	STORM DRAIN DOWNSPOUT
WATER VALVE	GAS METER
WATER VAULT	GAS VALVE
WATER IRRIGATION VALVE	GUY WIRE ANCHOR
DOUBLE CHECK VALVE	UTILITY POLE
AIR RELEASE VALVE	TRAFFIC SIGNAL POLE
SANITARY SEWER CLEAN OUT	POWER VAULT
SANITARY SEWER MANHOLE	POWER JUNCTION BOX
SIGN	POWER PEDESTAL
STREET LIGHT	COMMUNICATIONS VAULT
MAILBOX	COMMUNICATIONS JUNCTION BOX
	COMMUNICATIONS RISER

EXISTING
RIGHT-OF-WAY LINE
BOUNDARY LINE
PROPERTY LINE
CENTERLINE
DITCH
CURB
EDGE OF PAVEMENT
EASEMENT
FENCE LINE
GRAVEL EDGE
POWER LINE
OVERHEAD WIRE
COMMUNICATIONS LINE
FIBER OPTIC LINE
GAS LINE
STORM DRAIN LINE
SANITARY SEWER LINE
WATER LINE

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HALLMAN
ELEMENTARY SCHOOL
SALEM
TAX LOTS 3200 AND 3201

EXISTING CONDITIONS
PLAN

DESIGNED BY: _____
DRAWN BY: JB
MANAGED BY: JFS
CHECKED BY: NSW
DATE: 03/31/2021

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Nick White
NICK WHITE
JANUARY 9, 2007
7065215
RENEWALS: 6/30/22

REVISIONS

JOB NUMBER
6656-32

SHEET
C001

TREE TABLE		
TREE NUMBER	TYPE	DBH (IN.)
10405	DECIDUOUS	13 16
10674	DECIDUOUS	6
10675	DECIDUOUS	6 10
10676	DECIDUOUS	8
10684	DECIDUOUS	10
10716	DECIDUOUS	7
10823	DECIDUOUS	18
10824	DECIDUOUS	17
10825	CONIFEROUS	38
10826	DECIDUOUS	10
10827	DECIDUOUS	10 16
10828	DECIDUOUS	12

REFERENCE SURVEY

1" = 30'-0"



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J.O. 17061-S

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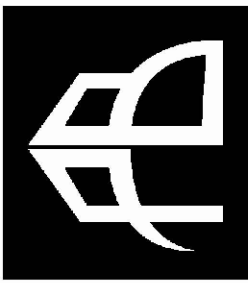
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ELEMENTARY SCHOOL
SALEM, OR
4000 DEERHAVEN DR. NE



DRAWN BY: SC
CHECKED BY: GL
DATE: 10/1/2021
TITLE: REFERENCE SURVEY
SCALE: SEE SHEET

SHEET NO:
C-0.3
OF 26

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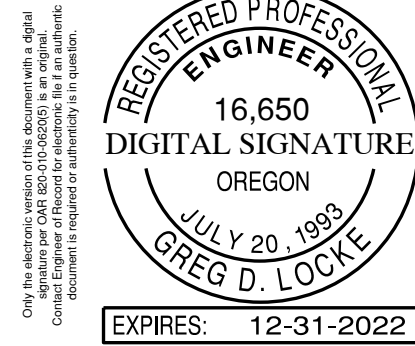
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HALLMAN ELEMENTARY SCHOOL

4000 DEERHAVEN DR. NE SALEM, OR



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TITLE:	OVERALL SITE DEVELOPMENT PLAN
SCALE:	SEE SHEET

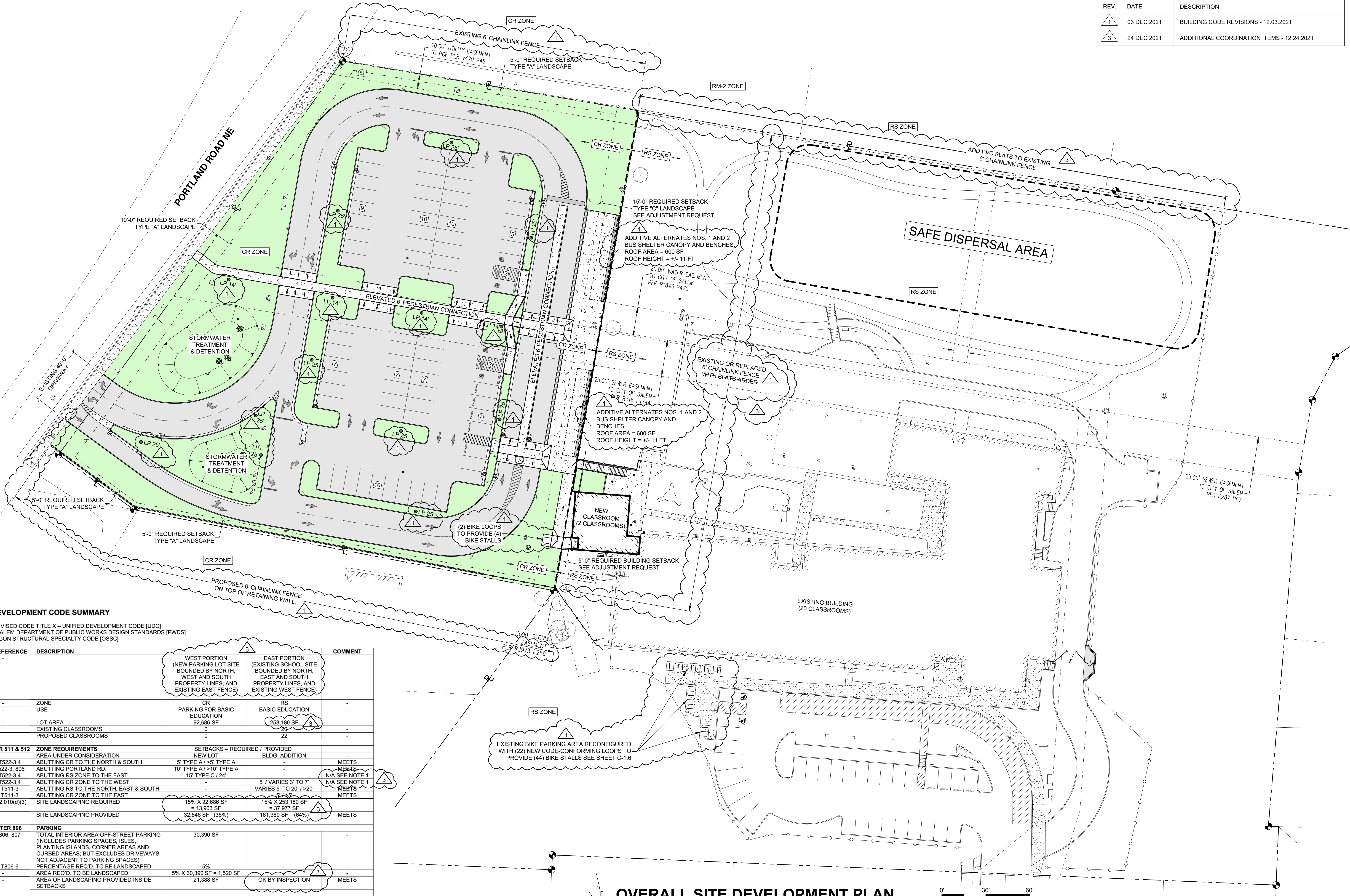
SHEET NO:	C-0.4
OF	26

SITE DEVELOPMENT CODE SUMMARY

CODES
SALEM REVISED CODE TITLE X – UNIFIED DEVELOPMENT CODE [UDC]
CITY OF SALEM DEPARTMENT OF PUBLIC WORKS DESIGN STANDARDS [PWDS]
2019 OREGON STRUCTURAL SPECIALTY CODE [OSSC]

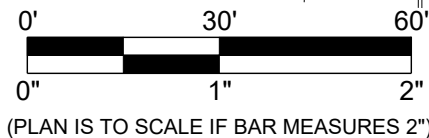
CODE REFERENCE	DESCRIPTION	COMMENT
-	WEST PORTION (NEW PARKING LOT SITE BOUNDED BY NORTH, WEST AND SOUTH PROPERTY LINES, AND EXISTING EAST FENCE)	EAST PORTION (EXISTING SCHOOL SITE BOUNDED BY NORTH, EAST AND SOUTH PROPERTY LINES, AND EXISTING WEST FENCE)
-	CR	RS
-	ZONE	USE
-	LOT AREA	EXISTING CLASSROOMS
-	PROPOSED CLASSROOMS	0
CHAPTER 511 & 512 ZONE REQUIREMENTS		
UDC T522-3.4	AREA UNDER CONSIDERATION	SETBACKS – REQUIRED / PROVIDED
UDC T522-3.806	ABUTTING CR TO THE NORTH & SOUTH	5' TYPE A / >5' TYPE A
UDC T522-3.4	ABUTTING PORTLAND RD.	10' TYPE A / >10' TYPE A
UDC T522-3.4	ABUTTING RS ZONE TO THE EAST	15' TYPE C / 24'
UDC T522-3.4	ABUTTING CR ZONE TO THE WEST	-
UDC T511-1.3	ABUTTING RS TO THE NORTH, EAST & SOUTH	5' / VARIES 3' TO 7'
UDC T511-1.3	ABUTTING CR ZONE TO THE EAST	VARIES 5' TO 20' / >20'
UDC 522.010(d)(3)	SITE LANDSCAPING REQUIRED	15% X 92,686 SF = 13,903 SF (15%)
	SITE LANDSCAPING PROVIDED	32,546 SF (35%)
CHAPTER 806 PARKING		
UDC 806.807	TOTAL INTERIOR AREA OFF-STREET PARKING (INCLUDES PARKING SPACES, ISLES, PARKING ISLANDS, CORNER AREAS AND CURBED AREAS, BUT EXCLUDES DRIVEWAYS NOT ADJACENT TO PARKING SPACES)	30,390 SF
UDC T806-6	PERCENTAGE REQ'D. TO BE LANDSCAPED	5%
-	AREA REQ'D. TO BE LANDSCAPED	5% X 30,390 SF = 1,520 SF
-	AREA OF LANDSCAPING PROVIDED INSIDE SETBACKS	21,388 SF
UDC T806-1	MINIMUM NUMBER OF PARKING STALLS	TWO PER CLASSROOM X 22 = 44
UDC T806-2A	MAXIMUM NUMBER OF PARKING STALLS	1.75 X 44 = 77
	PARKING STALLS EXISTING	0
	PARKING STALLS PROPOSED	76
OSSC TABLE 1106.1	TOTAL STALLS PROPOSED FOR SITE	108
	ADA STALLS REQUIRED	5
	ADA STALLS PROVIDED	(INCL. 1 VAN & 1 WHEELCHAIR ONLY)
UDC T806-8	BICYCLE PARKING SPACES REQUIRED	6
	BICYCLE PARKING SPACES PROVIDED	(INCL. 2 VAN & 1 WHEELCHAIR ONLY)
UDC T806-9	LOADING SPACES REQUIRED	4
		2

NOTES
1. SINCE LOTS ARE BEING CONSOLIDATED, THERE ARE NO ZONE-TO-ZONE SETBACK REQUIREMENTS WHERE THE TWO PARCELS ONCE MET ALONG THE EXISTING FENCE.

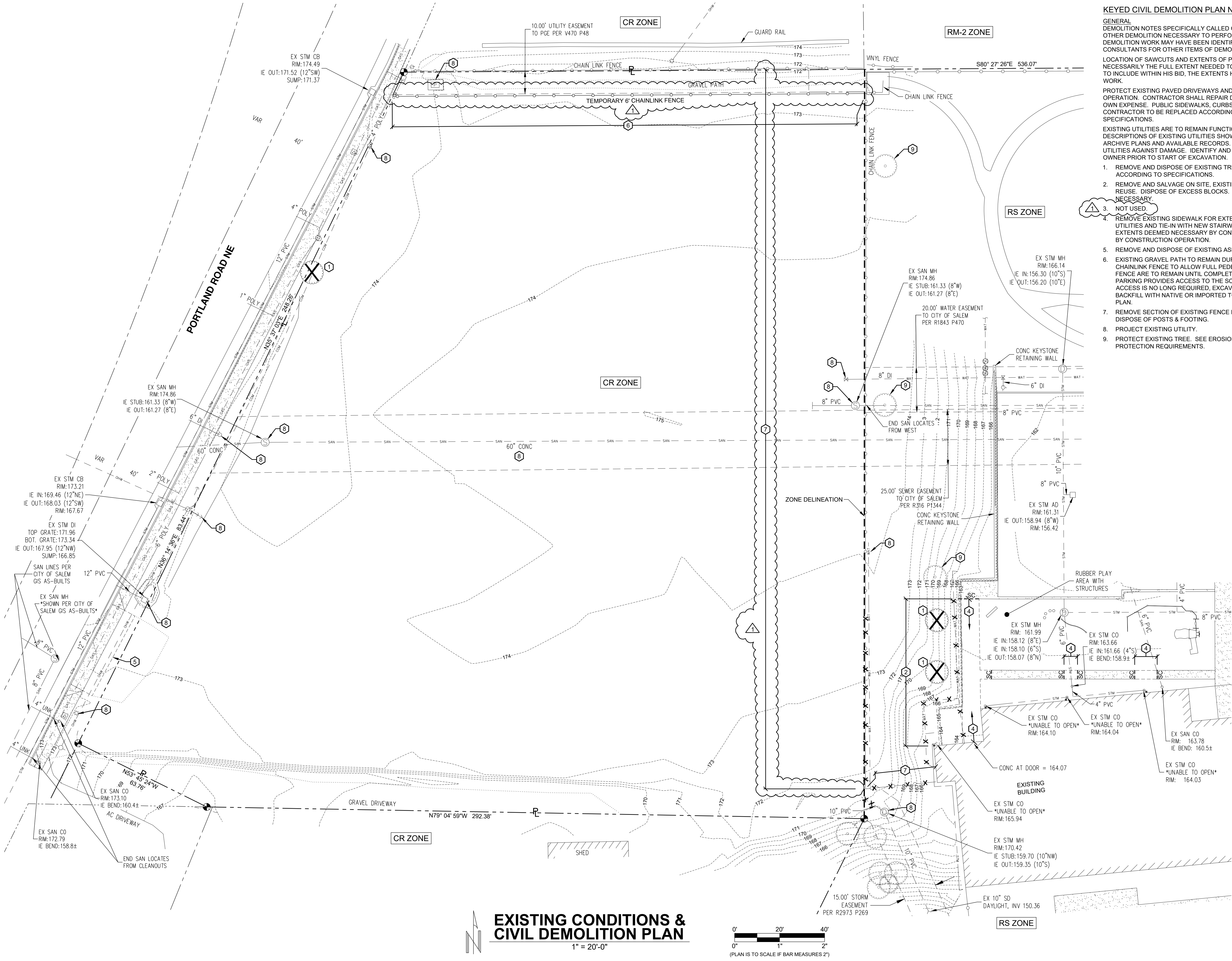


OVERALL SITE DEVELOPMENT PLAN

1" = 30'-0"

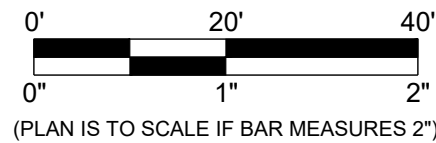


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EXISTING CONDITIONS & CIVIL DEMOLITION PLAN

1" = 20'-0"



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1	03 DEC 2021	BUILDING CODE REVISIONS - 12.03.2021

KEYED CIVIL DEMOLITION PLAN NOTES (##):

GENERAL

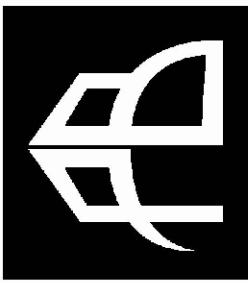
DEMOLITION NOTES SPECIFICALLY CALLED OUT ON PLAN ARE IN ADDITION TO ANY INCIDENTAL OR OTHER DEMOLITION NECESSARY TO PERFORM THE REQUIRED WORK. NOT ALL REQUIRED DEMOLITION WORK MAY HAVE BEEN IDENTIFIED. SEE DEMO PLANS OF ARCHITECT AND OTHER CONSULTANTS FOR OTHER ITEMS OF DEMOLITION NOT RELATED TO CIVIL DESIGN.

LOCATION OF SAWCUTS AND EXTENTS OF PAVEMENT REMOVAL IS SCHEMATIC AND NOT NECESSARILY THE FULL EXTENT NEEDED TO PERFORM THE WORK. CONTRACTOR IS RESPONSIBLE TO INCLUDE WITHIN HIS BID, THE EXTENTS HE FEELS IS NEEDED TO PROPERLY COMPLETE THE WORK.

PROTECT EXISTING PAVED DRIVEWAYS AND SIDEWALKS FROM DAMAGE FROM CONSTRUCTION OPERATION. CONTRACTOR SHALL REPAIR DAMAGED SURFACE SCHEDULED TO REMAIN AT THEIR OWN EXPENSE. PUBLIC SIDEWALKS, CURBS AND DRIVEWAY APPROACHES DAMAGED BY CONTRACTOR TO BE REPLACED ACCORDING TO CITY OF SALEM STANDARD DRAWINGS AND SPECIFICATIONS.

EXISTING UTILITIES ARE TO REMAIN FUNCTIONAL DURING ENTIRE PROJECT. LOCATIONS AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE AND BASED ON FIELD SURVEY, ARCHIVE PLANS AND AVAILABLE RECORDS. TAKE PRECAUTIONS TO LOCATE AND PROTECT UTILITIES AGAINST DAMAGE. IDENTIFY AND MARK LOCATION OF WATER SHUTOFF VALVES WITH OWNER PRIOR TO START OF EXCAVATION.

- REMOVE AND DISPOSE OF EXISTING TREE AND/OR STUMP. CLEAR AND GRUB ROOT BALL ACCORDING TO SPECIFICATIONS.
- REMOVE AND SALVAGE ON SITE, EXISTING SEGMENTAL RETAINING WALL BLOCKS FOR FUTURE REUSE. DISPOSE OF EXCESS BLOCKS. CONTRACTOR VERIFY EXTENTS OF REMOVAL NECESSARY.
- NOT USED.
- REMOVE EXISTING SIDEWALK FOR EXTENTS REQUIRED FOR INSTALLATION OF BUILDING, UTILITIES AND TIE-IN WITH NEW STAIRWAY. CUT SIDEWALK AT FIRST TOOLED JOINT BEYOND EXTENTS DEEMED NECESSARY BY CONTRACTOR. REPLACE ANY OTHER SECTIONS DAMAGED BY CONSTRUCTION OPERATION.
- REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT DRIVEWAY APPROACH.
- EXISTING GRAVEL PATH TO REMAIN DURING CONSTRUCTION. PROVIDE TEMPORARY 6" CHAINLINK FENCE TO ALLOW FULL PEDESTRIAN ACCESS. GRAVEL PATH AND TEMPORARY FENCE ARE TO REMAIN UNTIL COMPLETION OF PERMANENT SIDEWALK PATH THROUGH THE PARKING PROVIDES ACCESS TO THE SCHOOL PROPERTY FROM THE PUBLIC SIDEWALK. ONCE ACCESS IS NO LONG REQUIRED, EXCAVATE TO REMOVE GRAVEL FROM EXISTING PATH, AND BACKFILL WITH NATIVE OR IMPORTED TOPSOIL TO FINAL GRADE ELEVATIONS PER GRADING PLAN.
- REMOVE SECTION OF EXISTING FENCE FABRIC AND POSTS. SALVAGE FABRIC TO OWNER AND DISPOSE OF POSTS & FOOTING.
- PROJECT EXISTING UTILITY.
- PROTECT EXISTING TREE. SEE EROSION AND SEDIMENT CONTROL PLANS FOR TREE PROTECTION REQUIREMENTS.



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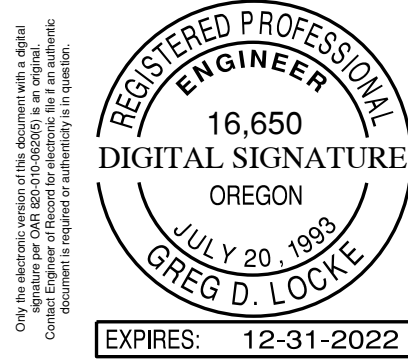
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HALLMAN ELEMENTARY SCHOOL

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SALEM, OR



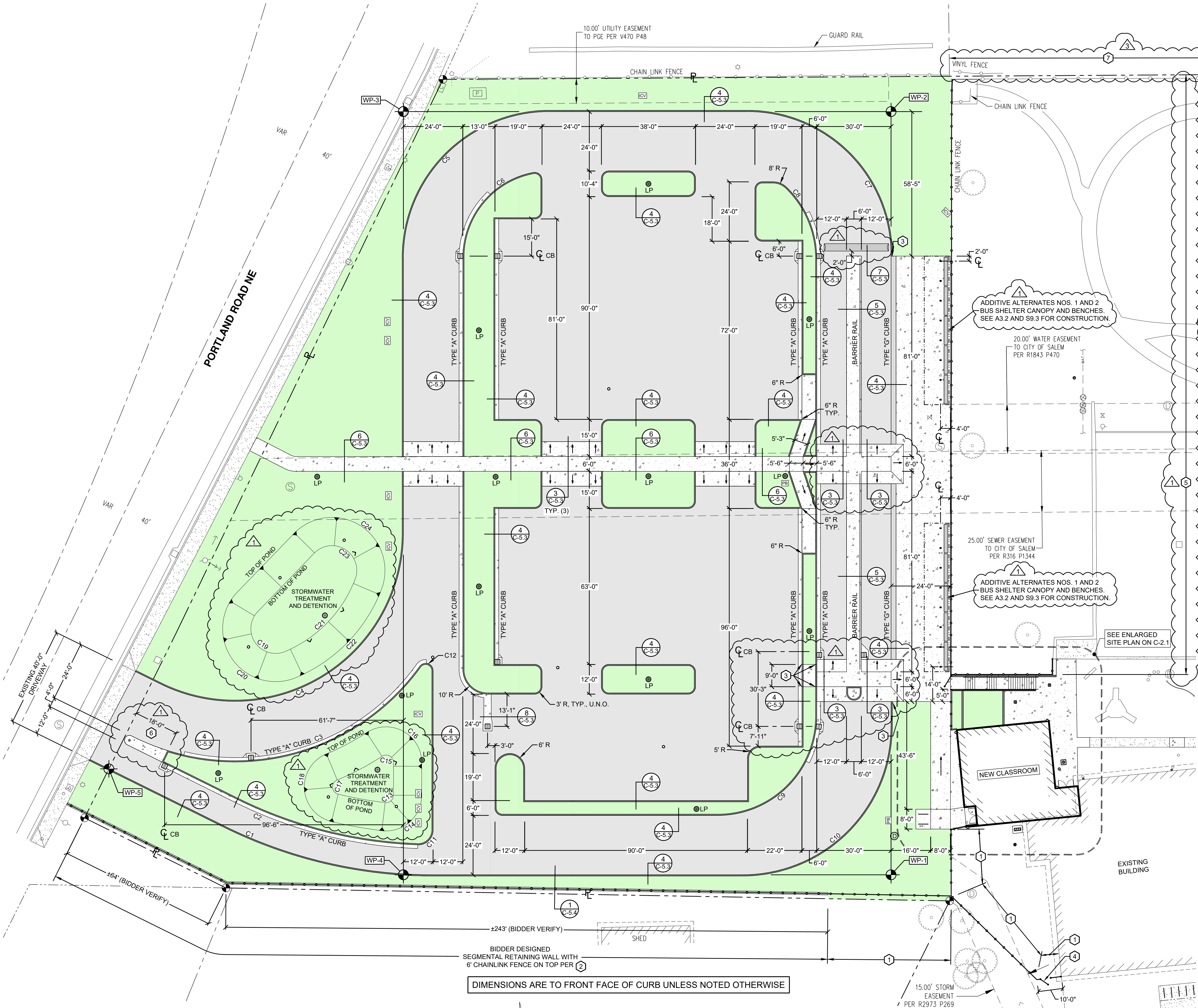
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KEYED SITE PLAN NOTES

GENERAL

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- PROPOSED 6" CHAINLINK FENCE WITH POSTS AT 10' O.C. MAX. SEE SPECIFICATIONS FOR MATERIAL AND INSTALLATION REQUIREMENTS.
- PROPOSED 6" CHAINLINK FENCE WITH POSTS AT 8' O.C. MAX ON TOP OF RETAINING WALL. SEE SPECIFICATIONS FOR FENCE MATERIAL REQUIREMENTS. SEE RETAINING WALL SHOP DRAWINGS FOR POST INSTALLATION IN TOP OF WALL ACCORDING TO MANUFACTURER'S REQUIREMENTS. SALVAGED FABRIC MEETING SPECIFICATIONS AND WITH NO DAMAGE MAY BE USED. VERIFY CONFORMANCE TO SPECIFICATIONS.
- TAPER CURB HEIGHT TO MATCH OVER 12" LENGTH.
- NEW 4" CHAINLINK SWING GATE WITH LOCKABLE LATCH THAT WILL ACCEPT PADDLE LOCK.
- 6" CHAINLINK FENCE WITH SLATS WITH POSTS AT 10' O.C. MAX. INSTALLED OUTSIDE EDGE OF PAVEMENT. SEE SPECIFICATIONS FOR MATERIAL AND INSTALLATION REQUIREMENTS. SET TOP OF FENCE AT 8" ABOVE SLAB EDGE.
- CONSTRUCT TRAFFIC ISLAND SIMILAR TO CITY OF SALEM STANDARD DRAWING NO. 320. PROVIDE SOLID CONCRETE CONSTRUCTION WITH MODIFIED NOSE ANCHORED TO ASPHALT, DELINEATOR POST AND REFLECTORIZED YELLOW PAINT WITH BEAD BINDER PAINT AND GLASS BEADS ON TOP AND FACE AS INDICATED.
- ADD PVC SLATS TO EXISTING FENCE. COLOR TO BE STOCK COLOR CHOSEN BY OWNER.

WORK POINT LOCATION DATA

WP #	NORTHING	EASTING
1	487987.24	7556152.19
2	488291.03	7556205.17
3	488324.88	7556011.10
4	488021.09	7555958.12
5	488083.70	7555848.26

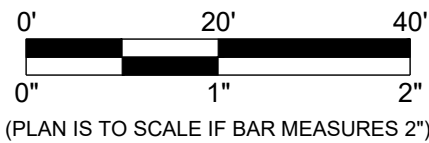
CURVE DATA

(FACE OF CURB, U.N.O.)

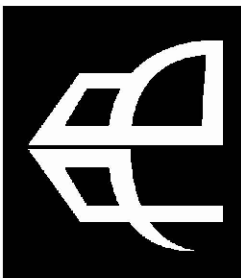
CURVE #	RADIUS	DELTA	CHORD BEARING	CENTER NORTHING	CENTER EASTING
C1	190.0'	26.34°	S 66°58'10.9" E	488206.22	7556002.51
C2	178.0'	24.37°	S 65°56'55.9" E	488206.21	7556002.51
C3	92.0'	81.14°	N 86°18'56.6" E	488168.84	7555914.84
C4	68.0'	116.62°	N 68°42'08.8" E	488168.83	7555914.84
C5	59.0'	90.00°	S 54°53'35.7" W	488256.62	7556059.08
C6	35.0'	79.19°	S 49°29'24.5" W	488256.62	7556059.08
C7	58.0'	90.13°	N 35°10'19.0" W	488243.86	7556138.07
C8	40.0'	46.13°	N 12°59'35.3" W	488244.57	7556126.01
C9	40.0'	89.51°	N 54°43'00.9" E	488062.32	7556094.22
C10	60.0'	89.94°	N 54°54'38.1" E	488056.66	7556103.39
C11	6.0'	91.97°	N 55°52'50.3" E	488037.89	7555967.14
C12	3.0'	144.15°	N 62°10'51.6" W	488100.77	7555981.15
C13	3.0'	96.84°	N 58°18'41.8" E	488053.95	7555956.74
C14	14.4'	96.84°	N 58°18'50.5" E	488053.95	7555956.74
C15	3.0'	123.34°	N 51°46'36.0" W	488066.98	7555959.01
C16	14.4'	122.81°	N 51°33'33.5" W	488066.98	7555959.01
C17	3.0'	143.89°	S 5°30'07.4" W	488060.47	7555938.97
C18	14.4'	144.67°	S 5°45'05.0" W	488060.46	7555938.98
C19	10.0'	156.74°	S 24°27'11.6" E	488127.93	7555924.38
C20	21.4'	156.72°	S 24°10'32.6" E	488127.93	7555924.38
C21	51.7'	46.26°	N 53°55'53.5" E	488168.56	7555915.03
C22	63.1'	46.38°	N 53°59'26.8" E	488168.56	7555915.03
C23	10.0'	156.88°	N 47°38'27.5" W	488147.21	7555950.84
C24	21.4'	156.59°	N 47°29'50.3" W	488147.21	7555950.84

CIVIL SITE PLAN

1" = 20'-0"



(PLAN IS TO SCALE IF BAR MEASURES 2")



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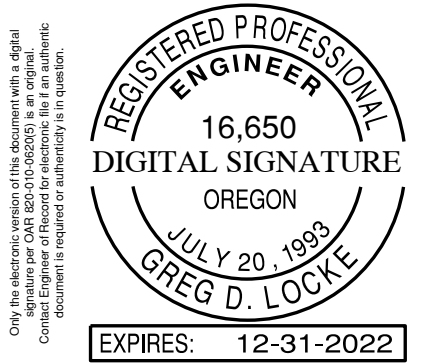
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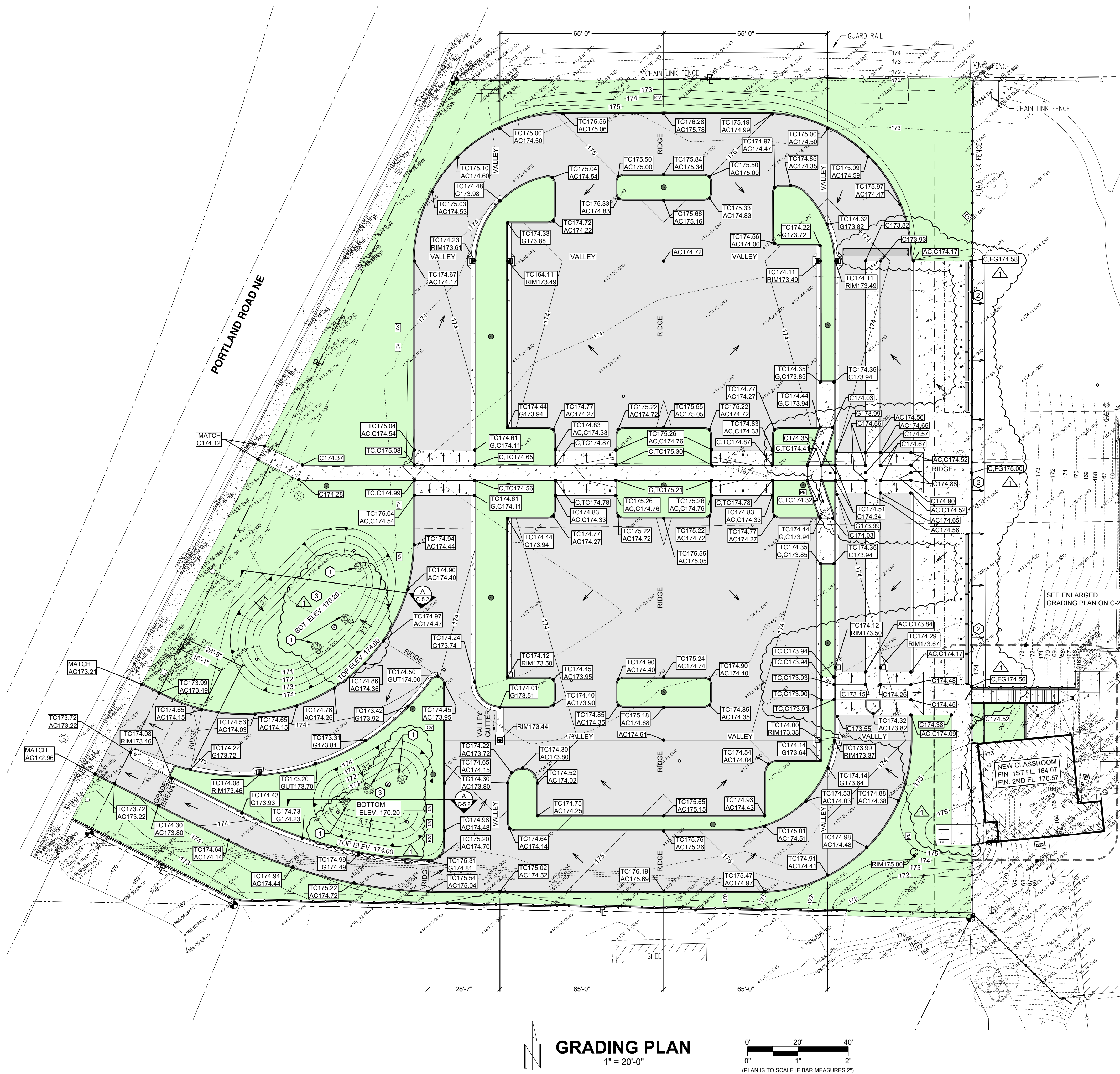
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4000 DEERHAVEN DR. NE



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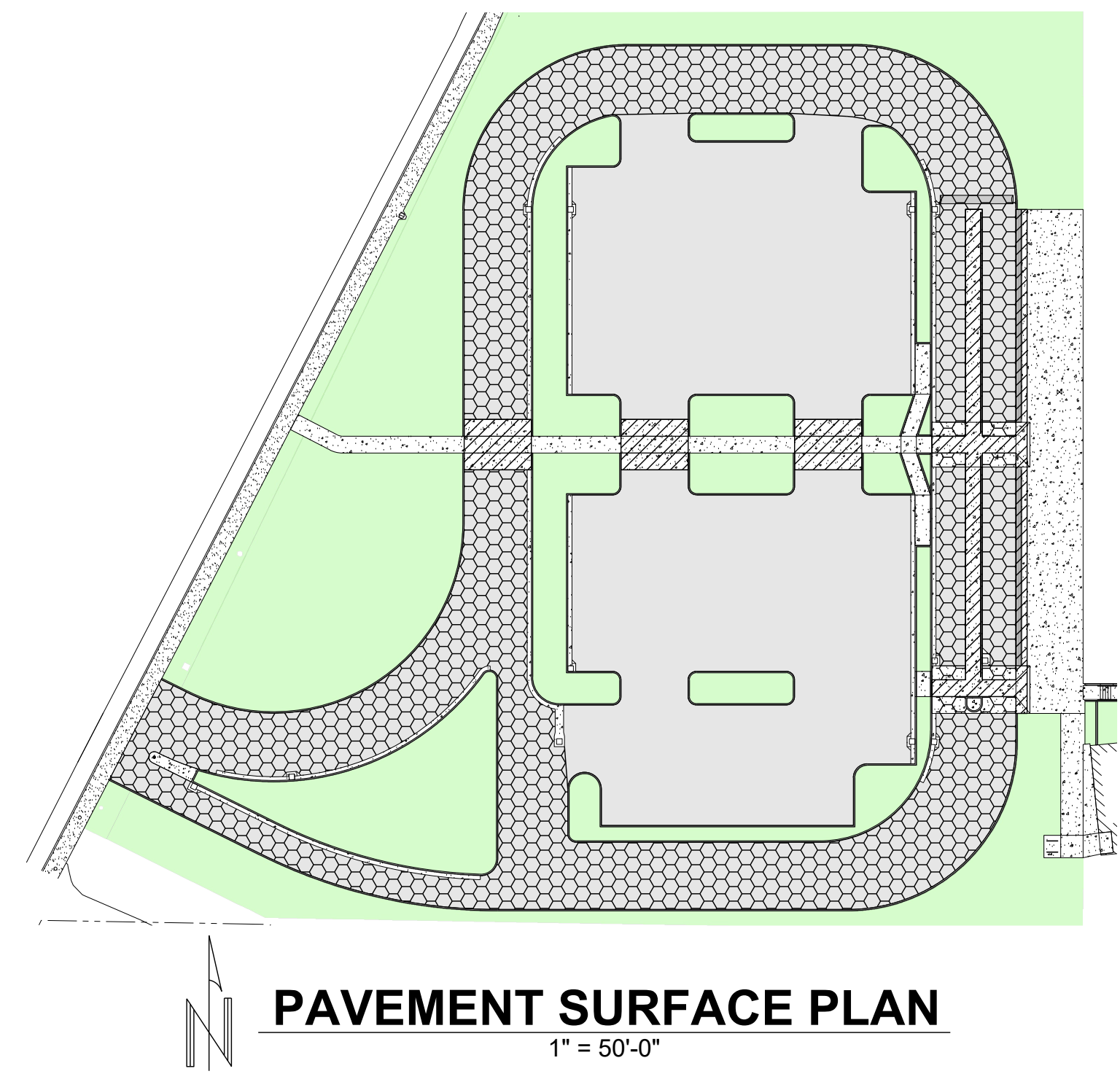


KEYED GRADING PLAN NOTES

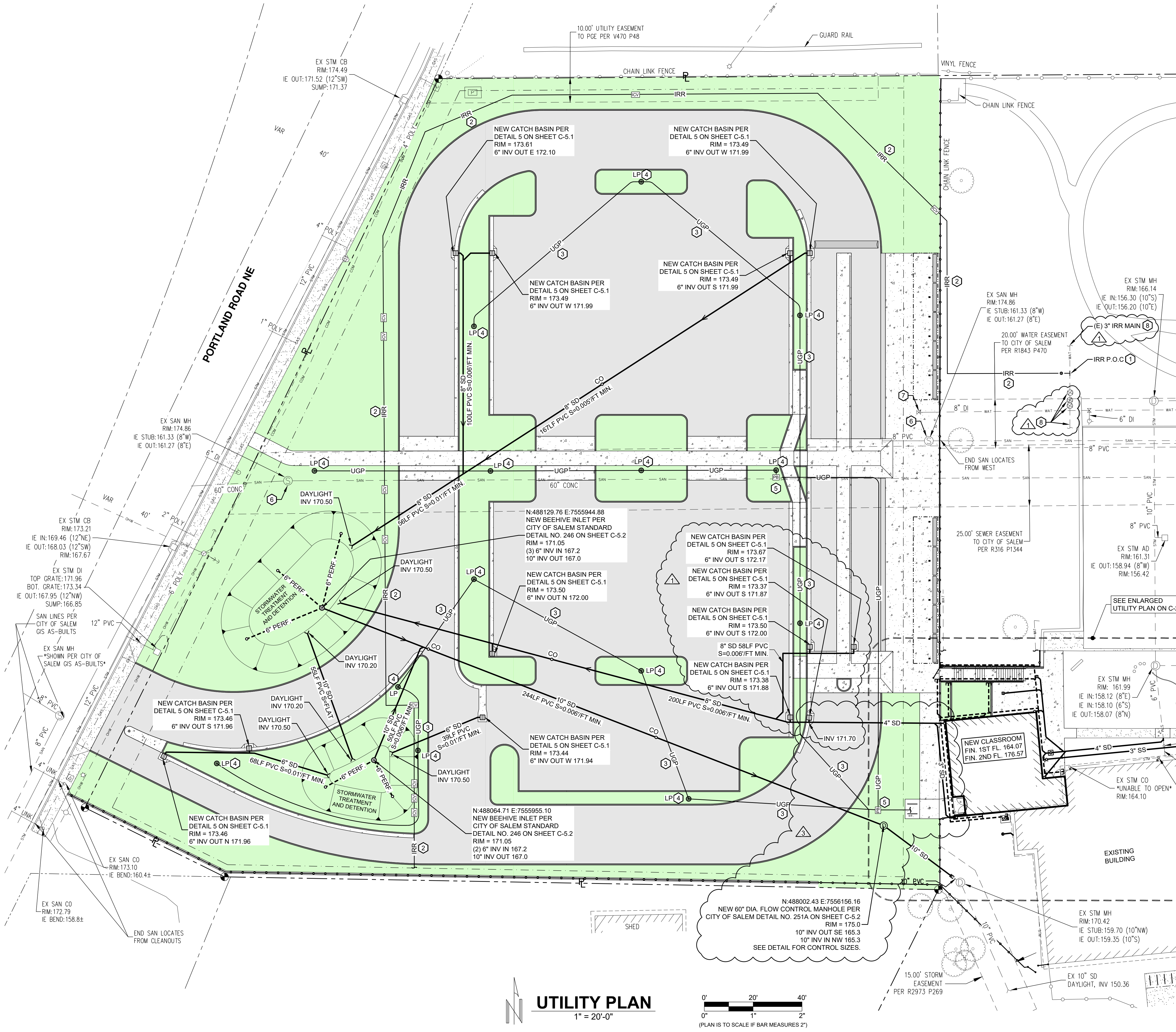
GENERAL

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1. CONSTRUCT ROCK PAD AT PIPE OUTLET PER DETAIL 2 ON C-5.2.
2. BACKFILL TO TOP OF SLAB WITH TOPSOIL AND BARK MULCH ACCORDING TO LANDSCAPE SPECIFICATIONS. MATCH SLAB EDGE AND SLOPE MIN. 2' AT 2% SLOPE, AND ADDITIONAL 5' MIN. TO TIE IN WITH EXISTING GROUND.
3. SEE CIVIL SITE PLAN C-1.2 FOR POND LAYOUT, AND TOP AND BOTTOM OF POND GEOMETRY.



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3	24 DEC 2021	ADDITIONAL COORDINATION ITEMS - 12.24.2021

- GENERAL UTILITY PLAN NOTES**
- ALL CONSTRUCTION IN A PUBLIC RIGHT-OF-WAY OR EASEMENT SHALL BE IN ACCORDANCE WITH THE LOCAL JURISDICTION'S STANDARD CONSTRUCTION SPECIFICATIONS AND ANY SPECIAL PROVISIONS INCLUDED AS A PART OF THE APPROVED PLANS.
 - 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 952-001-0100. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS 503-232-1987.
 - VERIFY EXACT POSITIONS OF UTILITY SERVICE ENTRY POINTS WITH PLUMBING AND ELECTRICAL PLANS, BY OTHERS.
 - CONSTRUCT PRIVATE UTILITY TRENCH BEDDING AND BACKFILL PER DETAIL 3 ON C-5.1.
 - ALL DOWNSPOUT LATERALS ARE TO BE 3" DIA. UNLESS NOTED OTHERWISE. CONNECTION TO DOWNSPOUT SHALL INCLUDE AN INTEGRAL CLEANOUT PER DETAIL 1 ON C-5.1.
 - STORM DRAIN AND SANITARY SEWER PIPE MATERIAL:
 - WITHIN 5' OF A BUILDING FOUNDATION:
 - USE ASTM 1785 SCHEDULE 40 PVC PIPE WHERE COVER IS 12 INCHES OR GREATER.
 - USE ANSI CLASS 50 DUCTILE IRON PIPE WHERE COVER IS LESS THAN 12 INCHES.
 - BEYOND 5' OF A BUILDING FOUNDATION:
 - USE ASTM D3034 SDR35 PVC PIPE WHERE COVER IS 24 INCHES OR GREATER.
 - USE ASTM 1785 SCHEDULE 40 PVC PIPE WHERE COVER IS 12 INCHES OR GREATER.
 - USE ANSI CLASS 50 DUCTILE IRON PIPE WHERE COVER IS LESS THAN 12 INCHES.
 - STORM DRAIN AND SANITARY SEWER PIPE SIZE AND SLOPE:
 - ALL STORM DRAIN AND SANITARY SEWER PIPE SLOPES TO BE 0.01'/FT. MINIMUM UNLESS NOTED OTHERWISE.
 - ALL STORM DRAIN SIZING PER OPSC DESIGN METHOD UNLESS PIPE IS MARKED WITH A SLOPE LESS THAN 0.01'/FT.
 - PIPE SLOPES INDICATED ARE APPROXIMATE MINIMUM SLOPES BASED ON THE STATED INVERTS. INSTALL PIPES ACCORDING TO INVERTS NOTED ON PLAN AND IN STRUCTURE SCHEDULE.
 - UNLESS NOTED OTHERWISE ALL FITTINGS ARE TO BE CONCENTRIC. PIPE INVERT ELEVATIONS NOTED AT FITTINGS ARE CALCULATED FOR THE LARGEST DIAMETER PIPE CONNECTED TO THAT FITTING. TEES TO BE SANITARY TEE OR WYE WITH 1/8 TH BEND.
 - CLEANOUTS ON SANITARY SEWER AND STORM DRAIN PIPING TO BE SPACED MAXIMUM OF 100 FEET APART. CLEANOUTS ARE REQUIRED FOR EACH AGGREGATE HORIZONTAL CHANGE IN DIRECTION EXCEEDING 135 DEGREES (OPSC 707).
 - FOR 4" RISER PIPE, COVER ON SANITARY SEWER AND STORM DRAIN CLEANOUT TO BE TYPICALLY 18" TALL CAST IRON 910 VALVE BOX AND COVER. AT SHALLOW PIPE DEPTH, 10" CAST IRON 950 VALVE BOX AND COVER IS ACCEPTABLE. INSTALL FLUSH WITH FINISHED GRADE. SEE DETAIL 2 ON C5.01. ALTERNATE CONCRETE BROOKS VALVE BOX IS ACCEPTABLE. FOR 6" RISER PIPE, USE 8" INSIDE DIAMETER EXTENSION AND 10"X12" CONCRETE BODY WITH CAST IRON RING AND CAST IRON TRAFFIC COVER, MODEL 3-RT AS MANUFACTURED BY BROOKS PRODUCTS, INC., OR APPROVED EQUAL. FOR SHALLOW PIPE DEPTH, USE 10"X12" CONCRETE BODY WITH CAST IRON RING AND CAST IRON TRAFFIC COVER, MODEL 3-RT AS MANUFACTURED BY BROOKS PRODUCTS, INC., OR APPROVED EQUAL.

- KEYED UTILITY PLAN NOTES (M):**
- GENERAL**
- UTILITY NOTES SPECIFICALLY CALLED OUT ON PLAN ARE IN ADDITION TO ANY INCIDENTAL WORK NECESSARY TO PERFORM THE REQUIRED WORK. NOT ALL REQUIRED UTILITY WORK MAY HAVE BEEN IDENTIFIED. SEE ARCHITECTURAL, PLUMBING AND ELECTRICAL PLANS FOR ADDITIONAL UTILITY WORK.
- EXISTING UTILITIES ARE TO REMAIN FUNCTIONAL DURING ENTIRE PROJECT. LOCATIONS AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE AND BASED ON FIELD SURVEY, ARCHIVE PLANS AND AVAILABLE RECORDS. TAKE PRECAUTIONS TO LOCATE AND PROTECT UTILITIES AGAINST DAMAGE. IDENTIFY AND MARK LOCATION OF WATER SHUTOFF VALVES WITH OWNER PRIOR TO START OF EXCAVATION.
- IRRIGATION POINT OF CONNECTION. SEE LANDSCAPE & IRRIGATION PLANS FOR EXACT CONNECTION LOCATION AND DETAIL.
 - IRRIGATION MAIN AND CONTROLLER VALVES. SEE LANDSCAPE PLANS FOR SIZE, MATERIAL, QUANTITY AND OTHER DETAILS.
 - NEW ELECTRICAL AND/OR SECURITY CAMERA CONDUIT DESIGN IS BY OTHERS. SEE ELECTRICAL SITE PLAN FOR SIZE, MATERIAL, QUANTITY, AND OTHER DETAILS.
 - NEW UTILITY POLE FOR SITE LIGHTING AND SECURITY CAMERAS. ROUTE CONDUITS SO AS NOT TO CONFLICT WITH UTILITIES SHOWN ON THIS PLAN. SEE SITE ELECTRICAL PLAN FOR INSTALLATION.
 - IN-GROUND ELECTRICAL PULL BOX. SEE SITE ELECTRICAL PLAN FOR INSTALLATION.
 - ADJUST EXISTING PUBLIC SANITARY SEWER MANHOLE LID TO FINISH GRADE PER CITY OF SALEM STANDARD DRAWING NO. 104.
 - ADJUST EXISTING PUBLIC WATER MAIN VALVE LID TO FINISH GRADE PER CITY OF SALEM STANDARD DRAWING NOS. 401A AND 401C AS APPROPRIATE.
 - EXISTING IRRIGATION CONTROL VALVES, MAIN AND LATERAL LINES. EXISTING IRRIGATION METER AND BACKFLOW IS LOCATED AT SCHOOL MAIN ENTRANCE OFF DEERHAVEN ST. THERE IS NO CONNECTION TO PUBLIC WATERMAIN AT THIS LOCATION.



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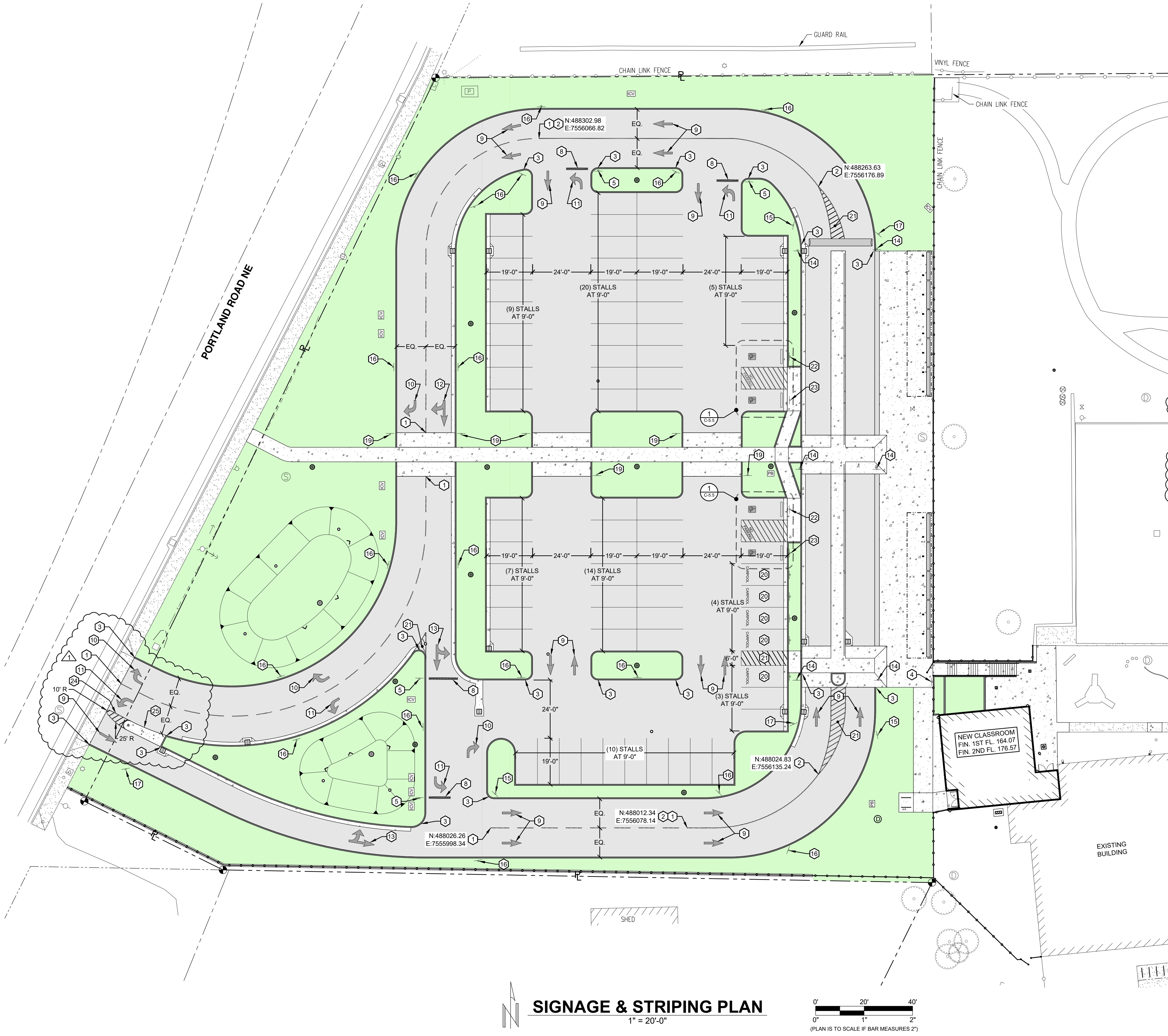
A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @
**HALLMAN
ELEMENTARY SCHOOL**
SALEM, OR
4000 DEERHAVEN DR. NE



DRAWN BY:	SC
CHECKED BY:	GL
DATE:	10/1/2021
TITLE:	UTILITY PLAN
SCALE:	SEE SHEET

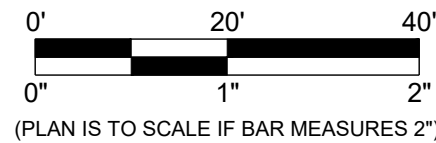
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SIGNAGE & STRIPING PLAN

1" = 20'-0"



(PLAN IS TO SCALE IF BAR MEASURES 2")

REV.	DATE	DESCRIPTION
1	03 DEC 2021	BUILDING CODE REVISIONS - 12.03.2021

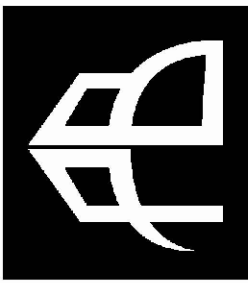
KEYED SIGNAGE & STRIPING PLAN NOTES (M) :

GENERAL

NOTES SPECIFICALLY CALLED OUT ON PLAN ARE IN ADDITION TO ANY INCIDENTAL WORK NECESSARY TO PERFORM THE REQUIRED WORK. NOT ALL REQUIRED WORK MAY HAVE BEEN IDENTIFIED. ALL MATERIALS AND PREPARATION OF NEW AND EXISTING SURFACES TO RECEIVE PAINT SHALL BE ACCORDING TO SPECIFICATIONS. LOCATE ALL UTILITIES IN FIELD PRIOR TO INSTALLING SIGNS.

KEYED NOTED

1. PAINT - START/STOP PROPOSED DRIVEWAY DASHED WHITE CENTER LINE STRIPE, 4" X 10' SEGMENTS AT 20' O.C.
2. PAINT - START/STOP PROPOSED DRIVEWAY SOLID WHITE CENTER LINE STRIPE, 4" WIDE.
3. PAINT - START / STOP YELLOW NO PARKING CURB PAINT ZONE. PAINT WITH YELLOW PAINT TOP AND FACE OF CURB. PREP CURB FOR PAINT PER SPECIFICATIONS.
4. SIGN - "GATES LOCKED DURING SCHOOL HOURS. NO ACCESS TO SCHOOL." ENGLISH AND SPANISH PER SIGN TYPE 8 ON C-5.6. MOUNT ON FENCE.
5. SIGN - "STOP" PER SIGN TYPE 1 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
6. SIGN - "RIGHT TURN ONLY" PER SIGN TYPE 11 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
7. SIGN - "DO NOT ENTER" PER DETAIL SIGN TYPE 2 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
8. PAINT - STOP BAR - 12" X 10", WHITE.
9. PAINT - DIRECTIONAL ARROW - STRAIGHT "SA" PER DETAIL 7 ON C-5.5.
10. PAINT - DIRECTIONAL ARROW - RIGHT TURN "RA" PER DETAIL 7 ON C-5.5.
11. PAINT - DIRECTIONAL ARROW - LEFT TURN "LA" PER DETAIL 7 ON C-5.5.
12. PAINT - DIRECTIONAL ARROW - RIGHT TURN STRAIGHT "RSA" PER DETAIL 7 ON C-5.5.
13. PAINT - DIRECTIONAL ARROW - LEFT TURN STRAIGHT "LSA" PER DETAIL 7 ON C-5.5.
14. SIGN - "DROP-OFF/PICK-UP" PER SIGN TYPE 4 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
15. SIGN - "NO PARKING" WITH ARROW POINTING RIGHT PER SIGN TYPE 5 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
16. SIGN - "NO PARKING" WITH ARROW POINTING BOTH WAYS PER SIGN TYPE 6 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
17. SIGN - "NO PARKING" WITH ARROW POINTING LEFT PER SIGN TYPE 7 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
18. SIGN - "STOP HERE" PER SIGN TYPE 9 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
19. SIGN - "PEDESTRIAN CROSSING WITH ARROW" PER SIGN TYPE 10 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
20. DESIGNATED CARPOOL / VANPOOL SPACES. SIGN - "CARPOOL PARKING ONLY" PER SIGN TYPE 14 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5. PAINT - "CARPOOL" PER DETAIL 2 ON C-5.5.
21. PAINT - SOLID WHITE LINES, 4" WIDE, BOUNDARY LINES WITH STRIPES ANGLED 36 DEG. SPACED 2' O.C.
22. "RESERVED PARKING" AND "VAN ACCESSIBLE" SIGNS PER DETAIL 4 ON C-5.5. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
23. "RESERVED PARKING" SIGN PER DETAIL 4 ON C-5.5. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
24. PAINT - SOLID YELLOW LINES, 4" WIDE, BOUNDARY LINES WITH STRIPES ANGLED 36 DEG. SPACED 2' O.C.
25. CONSTRUCT TRAFFIC ISLAND SIMILAR TO CITY OF SALEM STANDARD DRAWING NO. 320. PROVIDE SOLID CONCRETE CONSTRUCTION WITH MODIFIED NOSE ANCHORED TO ASPHALT, DELINEATOR POST AND REFLECTORIZED YELLOW PAINT WITH BEAD BINDER PAINT AND GLASS BEADS ON TOP AND FACE AS INDICATED.



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A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @

HALLMAN ELEMENTARY SCHOOL

4000 DEERHAVEN DR. NE
SALEM, OR



DRAWN BY:	SC
CHECKED BY:	GL
DATE:	10/1/2021
TITLE:	SIGNAGE & STRIPING PLAN
SCALE:	SEE SHEET

SHEET NO:
C-1.5
OF 26

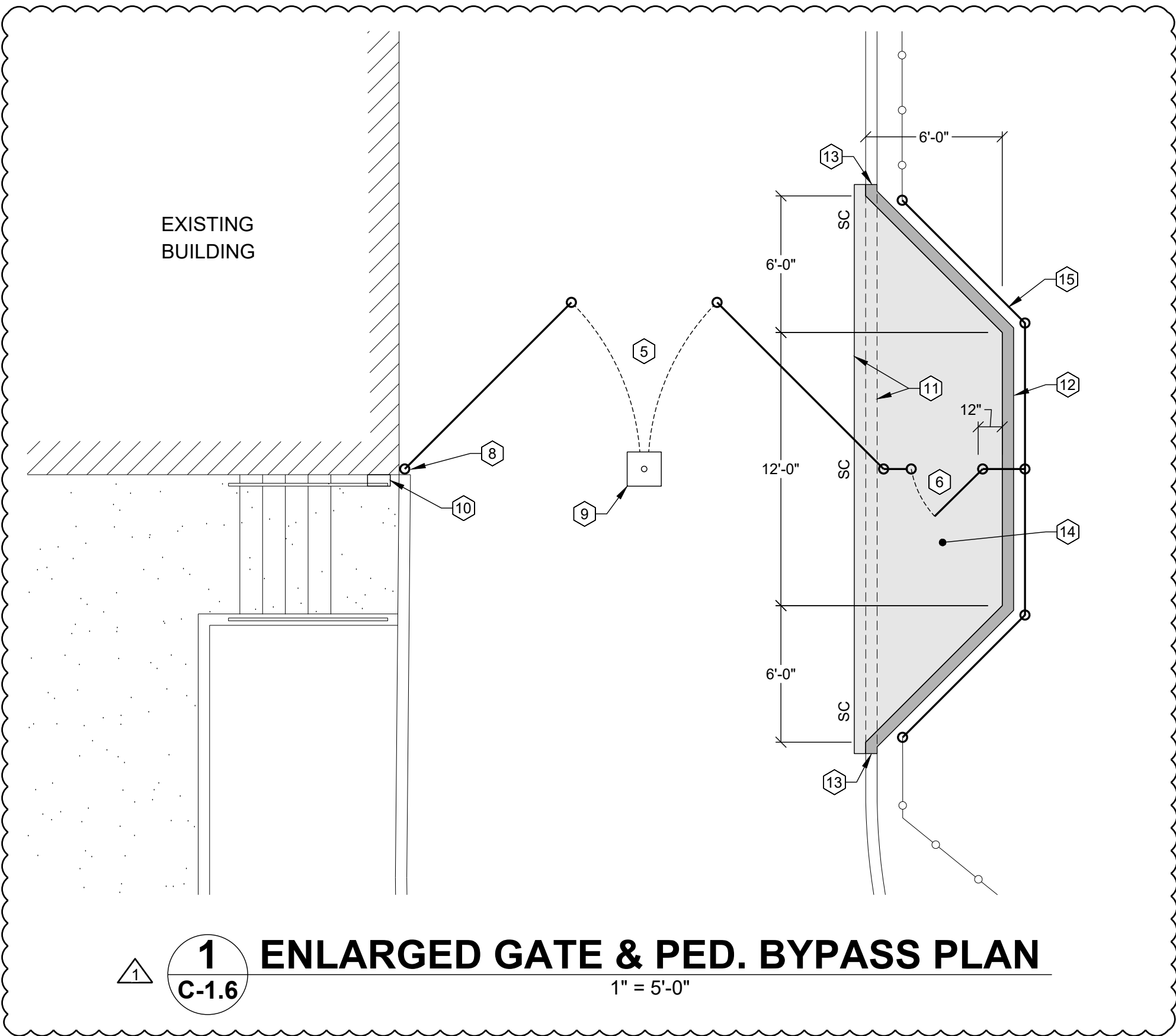
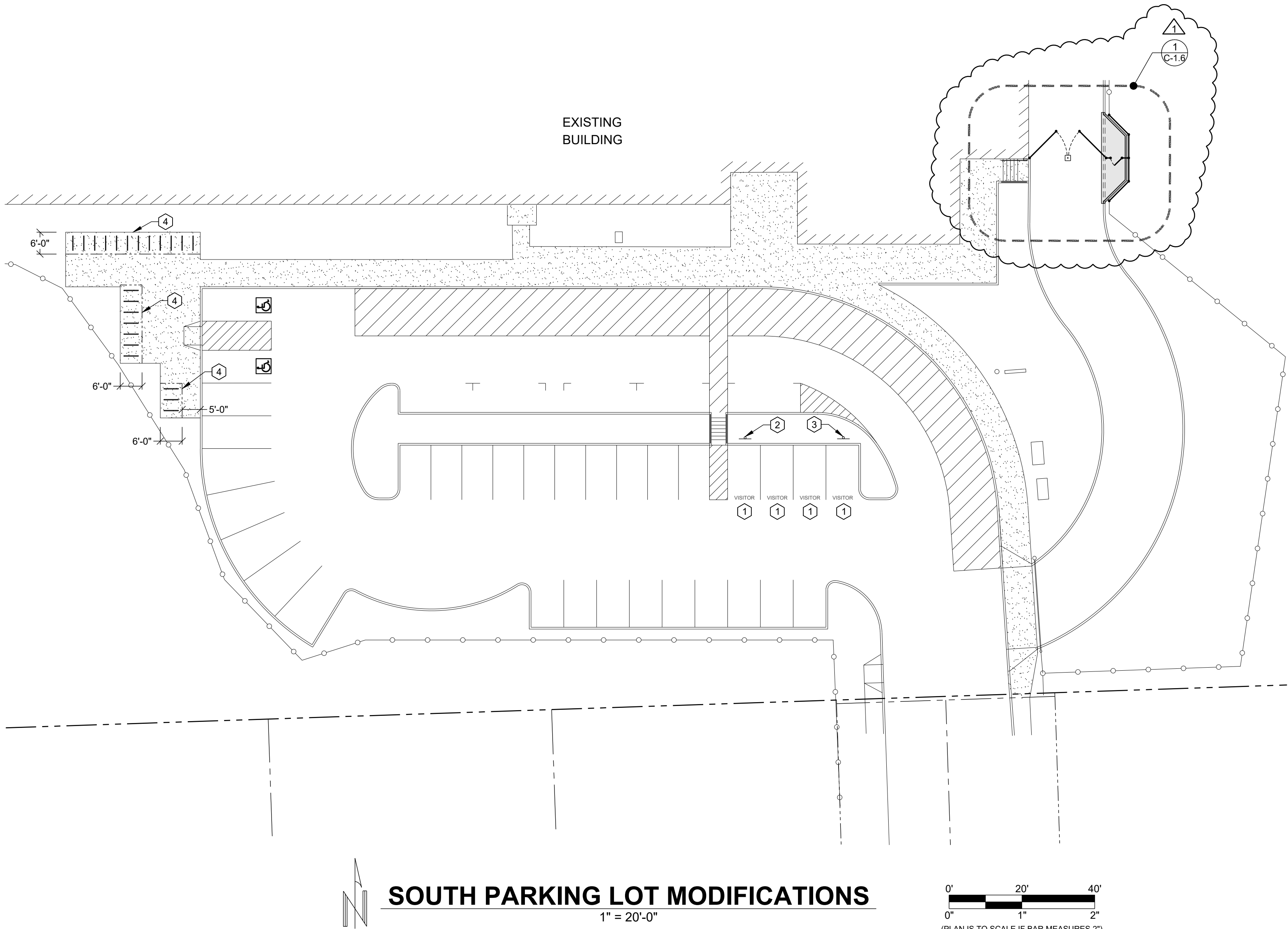
REV.	DATE	DESCRIPTION
	03 DEC 2021	BUILDING CODE REVISIONS - 12.03.2021

KEYED SOUTH PARKING LOT NOTES

GENERAL
SITE PLAN NOTES SPECIFICALLY CALLED OUT ON PLAN ARE IN ADDITION TO ANY INCIDENTAL WORK NECESSARY TO PERFORM THE REQUIRED WORK. NOT ALL REQUIRED WORK MAY HAVE BEEN IDENTIFIED.

1. PAINT - "VISITOR" IN STALL PER DETAIL 2 ON C-5.5.
2. SIGN - "VISITOR ONLY (RIGHT)" PER SIGN TYPE 15 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
3. SIGN - "VISITOR ONLY (LEFT)" PER SIGN TYPE 16 ON C-5.6. MOUNT ON SIGNPOST PER DETAIL 9 ON C-5.5.
4. REPLACE EXISTING BICYCLE RACKS WITH (22) BLACK POWDER-COATED INVERTED-LOOP RACKS AT 36" O.C. INDIVIDUALLY MOUNTED OR ATTACHED ON RAILS MOUNTED TO EXISTING CONCRETE SLAB WITH EXPANSION ANCHORS PER MANUFACTURER'S REQUIREMENTS. CENTER OF RACKS TO BE POSITIONED 3' OFF EDGE OF CONCRETE. PROVIDE 2' MINIMUM CLEAR FROM EDGE OF SLAB TO END RACK.
5. INSTALL PAIR OF 10' CHAINLINK FENCE GATES. PROVIDE DROP ROD AND LOCKING MECHANISM.
6. INSTALL 3' CHAINLINK PERSONNEL GATE. SEE ARCHITECTURAL AND ELECTRICAL PLANS FOR HARDWARE AND SECURITY FEATURES. GATE SHALL BE DESIGNED TO ACCEPT THE SPECIFIED HARDWARE AND PREVENT REACH-THROUGH AND WIRE LOOPING AROUND HANDLE LEVER. INTERIOR HANDLE SHOULD BE SET INTO A STEEL BOX WITH 3 1/2" HORIZONTAL LEGS TO PROTECT THE HANDLE.
7. REMOVE AND REPLACE CURB AS NEEDED FOR INSTALLATION OF GATE POST. MATCH CURB HEIGHT AND TYPE. PAINT RED TO MATCH.
8. BIDDER DESIGNED WALL MOUNTED HINGE BRACKET. ANCHOR INTO EXISTING CONCRETE MASONARY BLOCK WALL WITH EPOXY ANCHORS.
9. 18" SQR. X 6" CONCRETE DROP ROD ANCHOR PAD.
10. PROVIDE KNOX BOX MEETING FIRE DEPARTMENT SPECIFICATIONS. MOUNT ON CONCRETE MASONRY BLOCK WALL.

-
11. SAWCUT AND REMOVE EXISTING CONCRETE CURB. JUST PRIOR TO PLACING NEW ASPHALT IN PEDESTRIAN BYPASS, SAWCUT EDGE OF PAVEMENT TO FORM A CLEAN LINE TO PAVE AGAINST.
 12. INSTALL TYPE "C" CURB PER DETAIL 4 ON C-5.3.
 13. CONNECT NEW CURB TO EXISTING WITH #4 X 24" DOWEL EMBEDDED INTO EXISTING CURB 6" WITH EPOXY.
 14. EXCAVATE TO SUBGRADE AND INSTALL 2 1/2" ASPHALT OVER 8" COMPACTED CRUSHED ROCK. SLOPE TOWARD EXISTING ROAD AT 2% MAX.
 15. REALIGN FENCE WITH NEW 6' CHAINLINK FENCE AND POSTS AT 10' O.C. MAX. SEE SPECIFICATIONS FOR MATERIAL AND INSTALLATION REQUIREMENTS.



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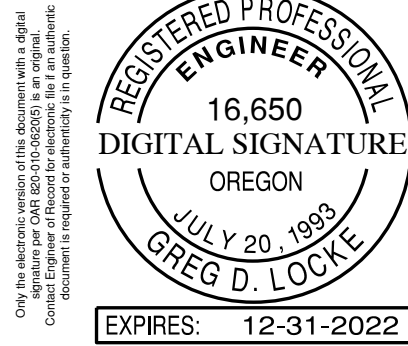
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A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @

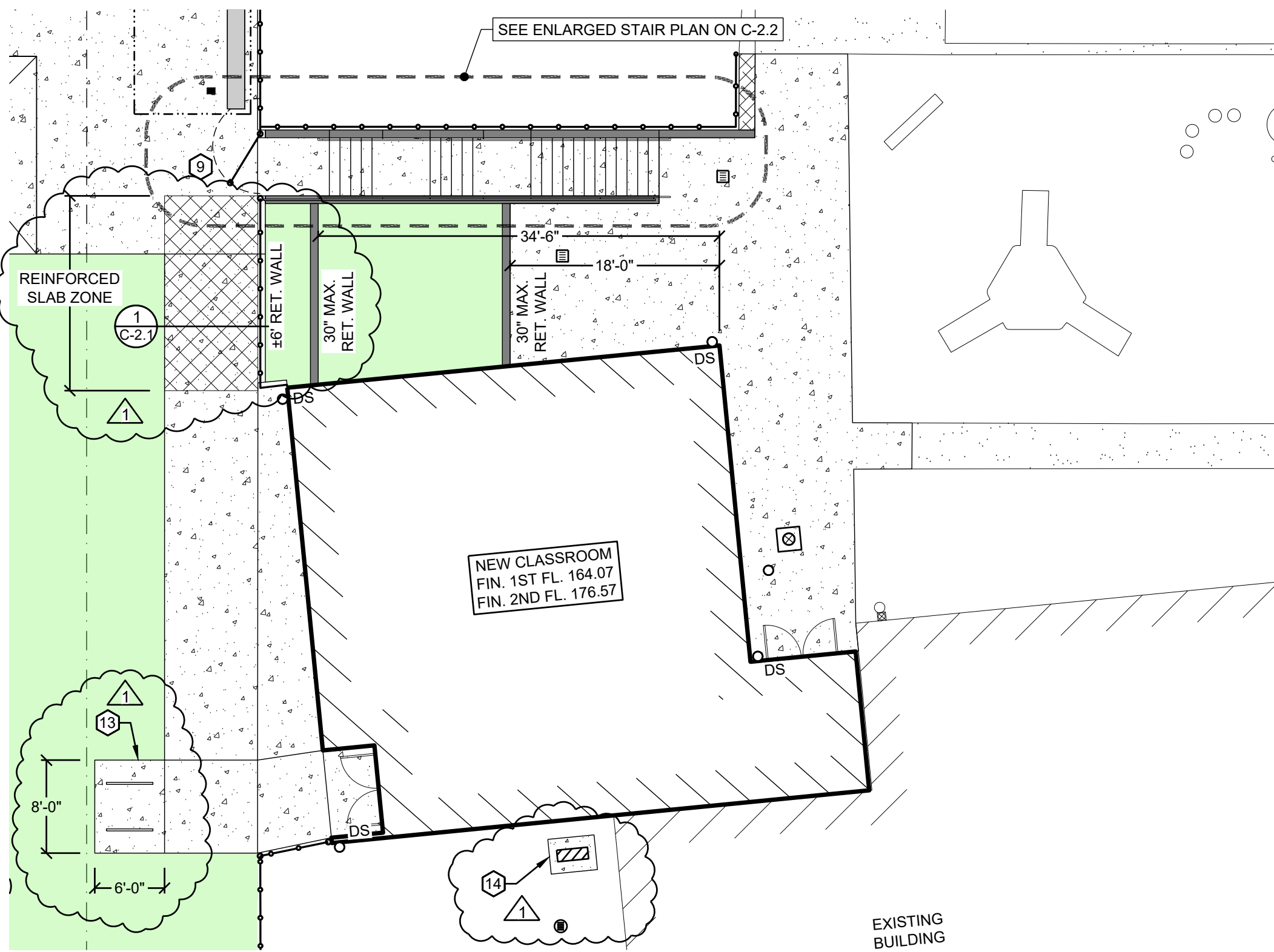
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ELEMENTARY SCHOOL

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SALEM, OR



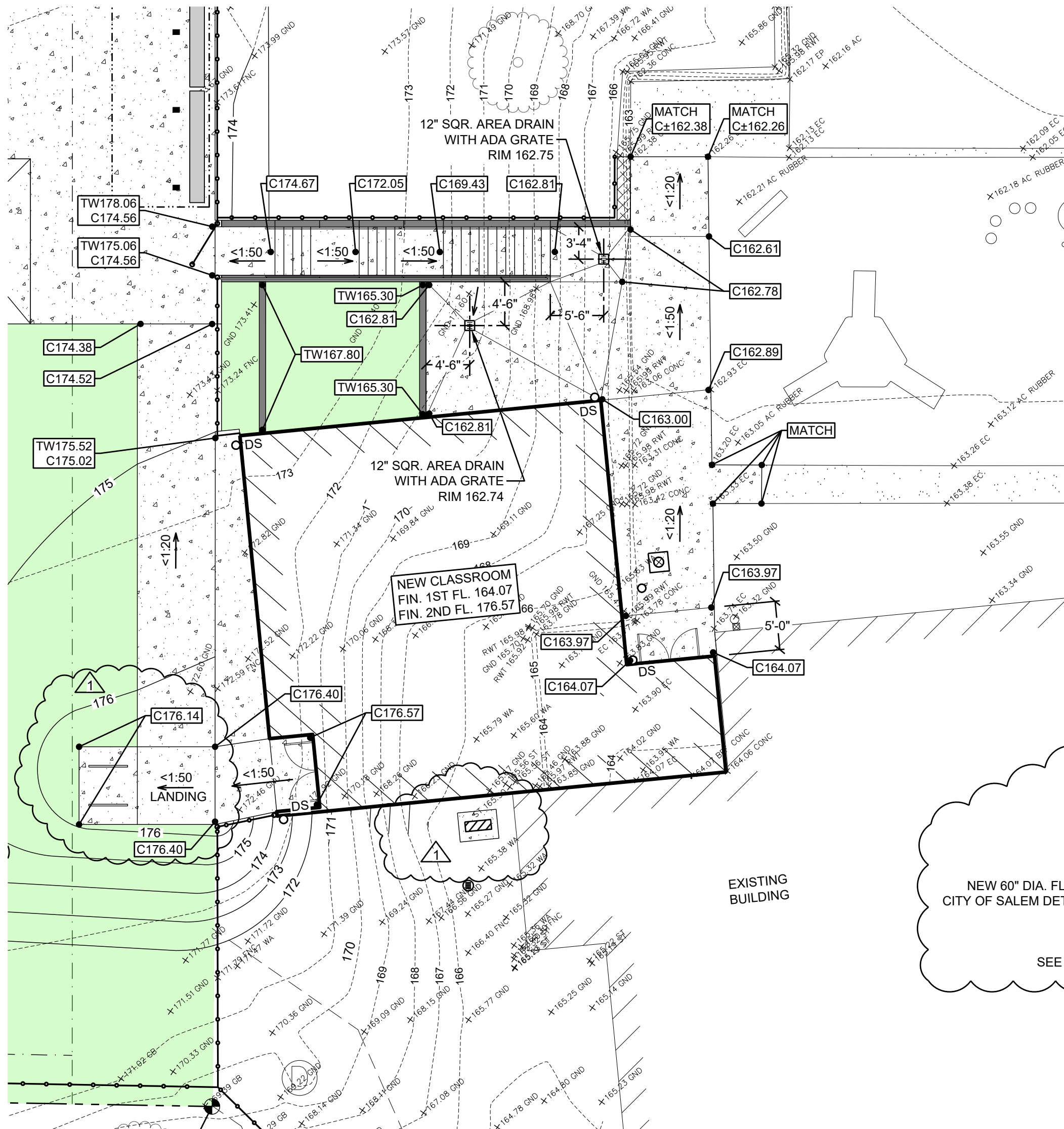
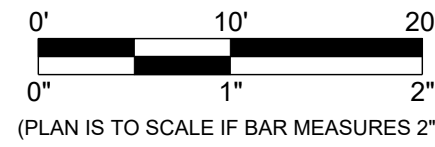
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TITLE:	SOUTH PARKING LOT MODIFICATIONS
SCALE:	SEE SHEET

SHEET NO:	C-1.6
OF	26



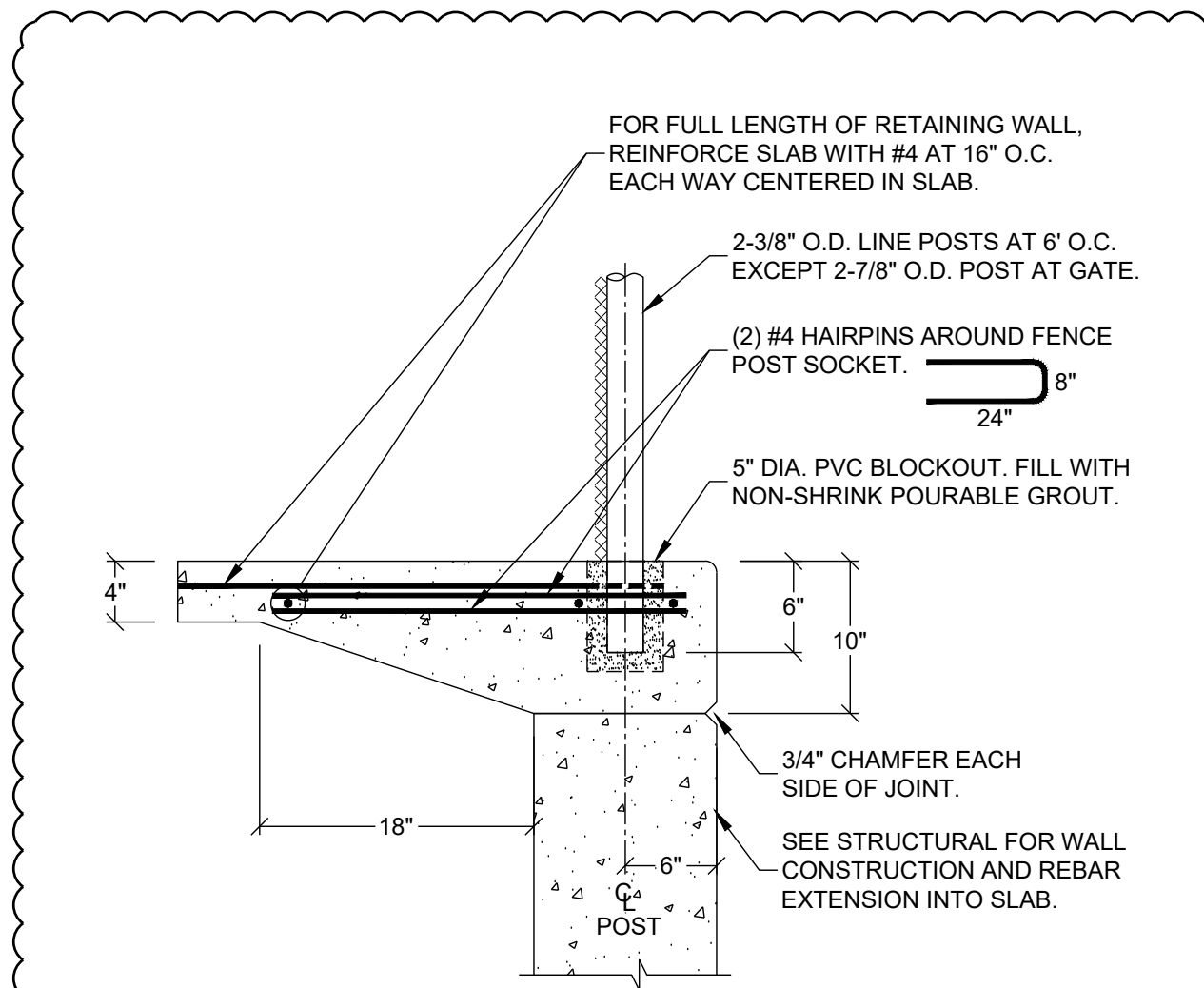
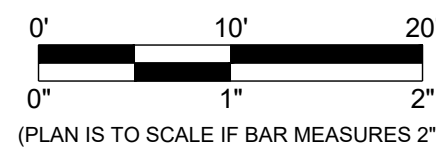
ENLARGED CIVIL SITE PLAN

1" = 10'-0"



ENLARGED GRADING PLAN

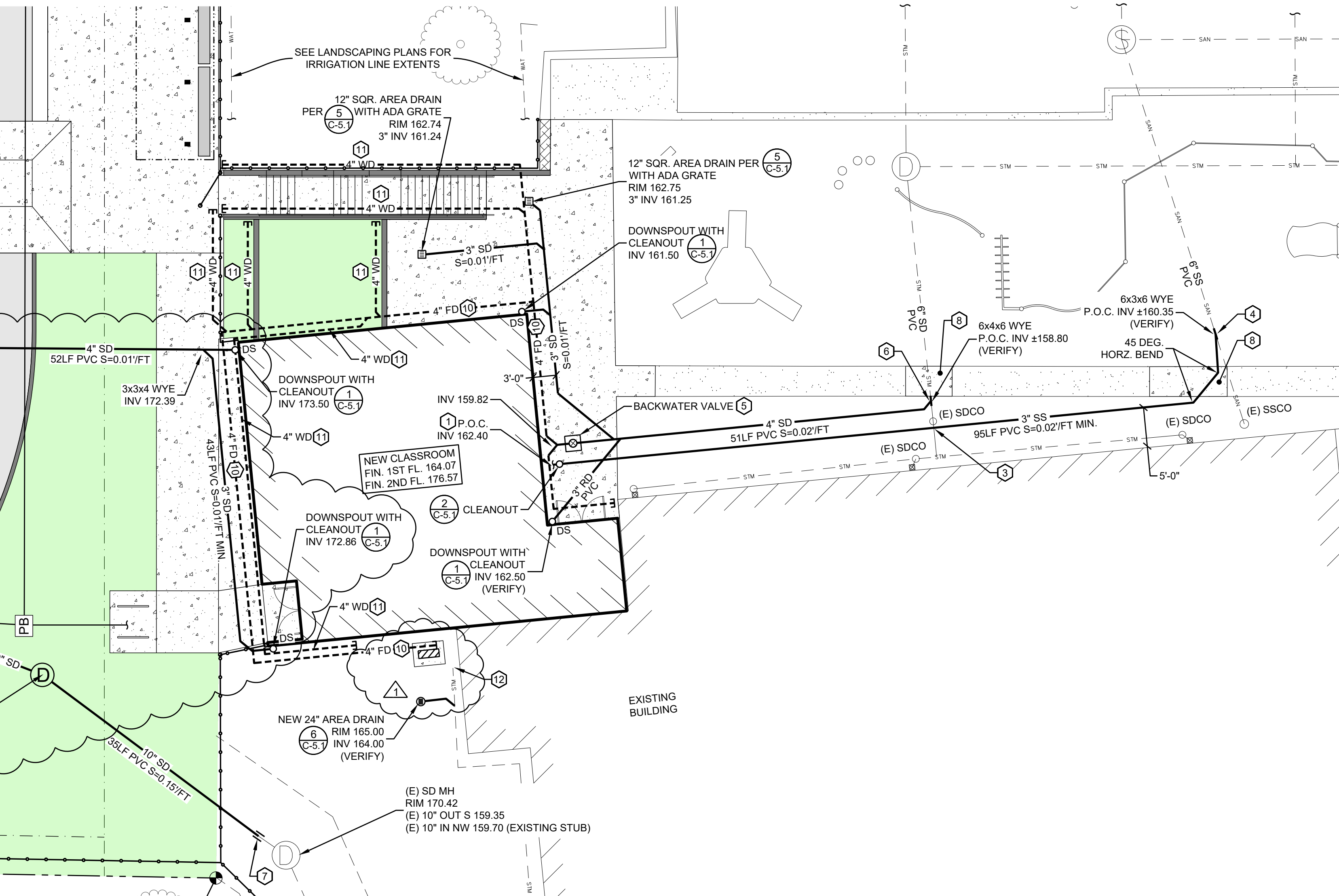
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FENCE & SLAB EDGE AT RETAINING WALL

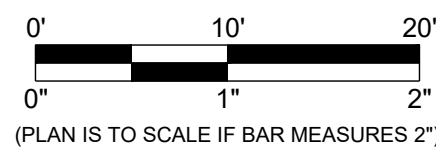
1" = 1'-0"

1 C-2.1



ENLARGED UTILITY PLAN

1" = 10'-0"



REV.	DATE	DESCRIPTION
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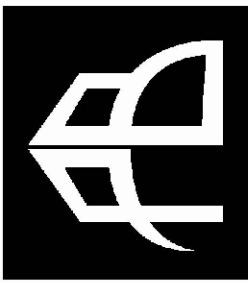
KEYED ENLARGED PLAN NOTES:

GENERAL

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EXISTING UTILITIES ARE TO REMAIN FUNCTIONAL DURING ENTIRE PROJECT. LOCATIONS AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE AND BASED ON FIELD SURVEY, ARCHIVE PLANS AND AVAILABLE RECORDS. TAKE PRECAUTIONS TO LOCATE AND PROTECT UTILITIES AGAINST DAMAGE. IDENTIFY AND MARK LOCATION OF WATER SHUTOFF VALVES WITH OWNER PRIOR TO START OF EXCAVATION.

- SANITARY SEWER POINT OF CONNECTION. SEE PLUMBING PLANS FOR CONNECTION AND CONTINUATION INSIDE BUILDING. VERIFY INVERT WITH PLUMBING PLANS.
- FOOTING DRAIN POINT OF CONNECTION. SEE FOUNDATION PLAN FOR PERIMETER FOOTING AND WALL DRAIN SIZE AND LOCATION. SET INVERT 12" MINIMUM BELOW BOTTOM OF FOOTING.
- PRIOR TO START OF SAN. SEWER SERVICE INSTALLATION, POTHOLE EXISTING STORM DRAIN TO VERIFY DEPTH AND CLEARANCE WITH PROPOSED SAN. SEWER PIPE. ADJUST DEPTH FOR 6" CLEARANCE WHILE MAINTAINING MINIMUM PIPE SLOPE.
- PRIOR TO START OF SAN. SEWER SERVICE INSTALLATION, POTHOLE EXISTING PIPE TO VERIFY DEPTH. NOTIFY ENGINEER IF SIGNIFICANTLY DIFFERENT THAN EXPECTED OR NEW SERVICE CANNOT BE INSTALLED AT STATED SLOPE.
- 4" PVC BACKWATER VALVE WITH EXTENDABLE HANDLE AND REMOVABLE FLAPPER SERVICEABLE FROM GROUND SURFACE. PROVIDE CAST IRON VALVE BOX AND COVER FLUSH WITH GROUND SURFACE SIMILAR TO DETAIL 2 ON C-5.1.
- PRIOR TO START OF FOOTING AND RAIN DRAIN INSTALLATION, POTHOLE EXISTING PIPE TO VERIFY DEPTH. NOTIFY ENGINEER IF SIGNIFICANTLY DIFFERENT THAN EXPECTED OR NEW SERVICE CANNOT BE INSTALLED AT STATED SLOPE.
- REMOVE EXISTING PIPE BACK TO 24" FROM FACE OF MANHOLE. CONNECT NEW SD PIPE TO EXISTING STUB WITH FLEXIBLE COUPLER.
- NEW 4" CONCRETE SIDEWALK OVER 4" MIN. COMPACTED SUBBASE COURSE.
- NEW 5" CHAINLINK SWING GATE. SEE ARCHITECTURAL AND ELECTRICAL PLANS FOR HARDWARE AND SECURITY FEATURES. GATE SHALL BE DESIGNED TO ACCEPT THE SPECIFIED HARDWARE AND PREVENT REACH-THROUGH AND WIRE LOOPING AROUND PANIC BAR. PANICS SHOULD BE SET INTO A 10" TALL C-CHANNEL WITH 3 1/2" HORIZONTAL LEGS TO PROTECT THE PANIC PUSH BAR.
- PERFORATED SCH 40 PVC FOOTING DRAIN LAID AT 0.005'/FT MIN.
- PERFORATED SCH 40 PVC WALL DRAIN LAID ON TOP OF FOOTING. SEE STRUCTURAL PLANS. WYE INTO FOOTING DRAIN WHERE RETAINING WALL ENDS.
- AFTER EXISTING DOWNSPOUT IS REMOVED, CONNECT NEW AREA DRAIN TO EXISTING STORM DRAIN.
- INSTALL (2) BLACK POWDER-COATED INVERTED-LOOP BICYCLE RACKS AT 36" O.C. INDIVIDUALLY MOUNT TO CONCRETE SLAB WITH EXPANSION ANCHORS PER MANUFACTURER'S REQUIREMENTS. CENTER RACKS ON CONCRETE PAD.
- 30"x48"x6" CONCRETE PAD FOR MECHANICAL EQUIPMENT. REINFORCE WITH #4 REBAR AT 16" O.C. EACH WAY CENTERED IN SLAB. SEE MECHANICAL PLANS FOR EXACT LOCATION AND ANCHORAGE OF UNIT.



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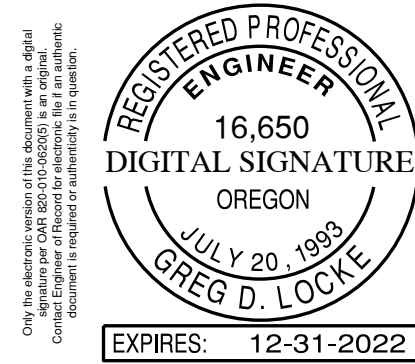
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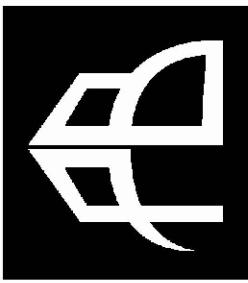
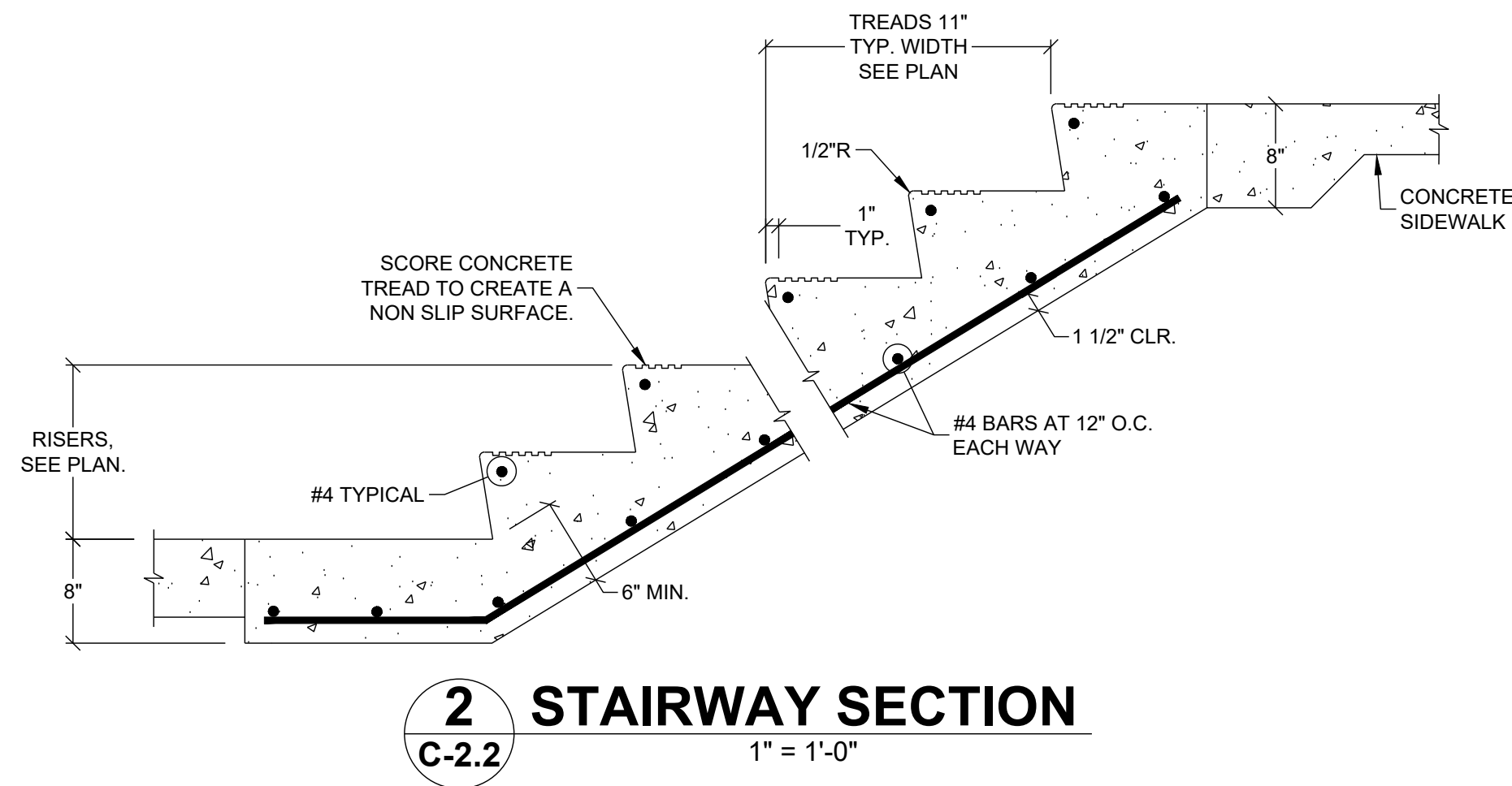
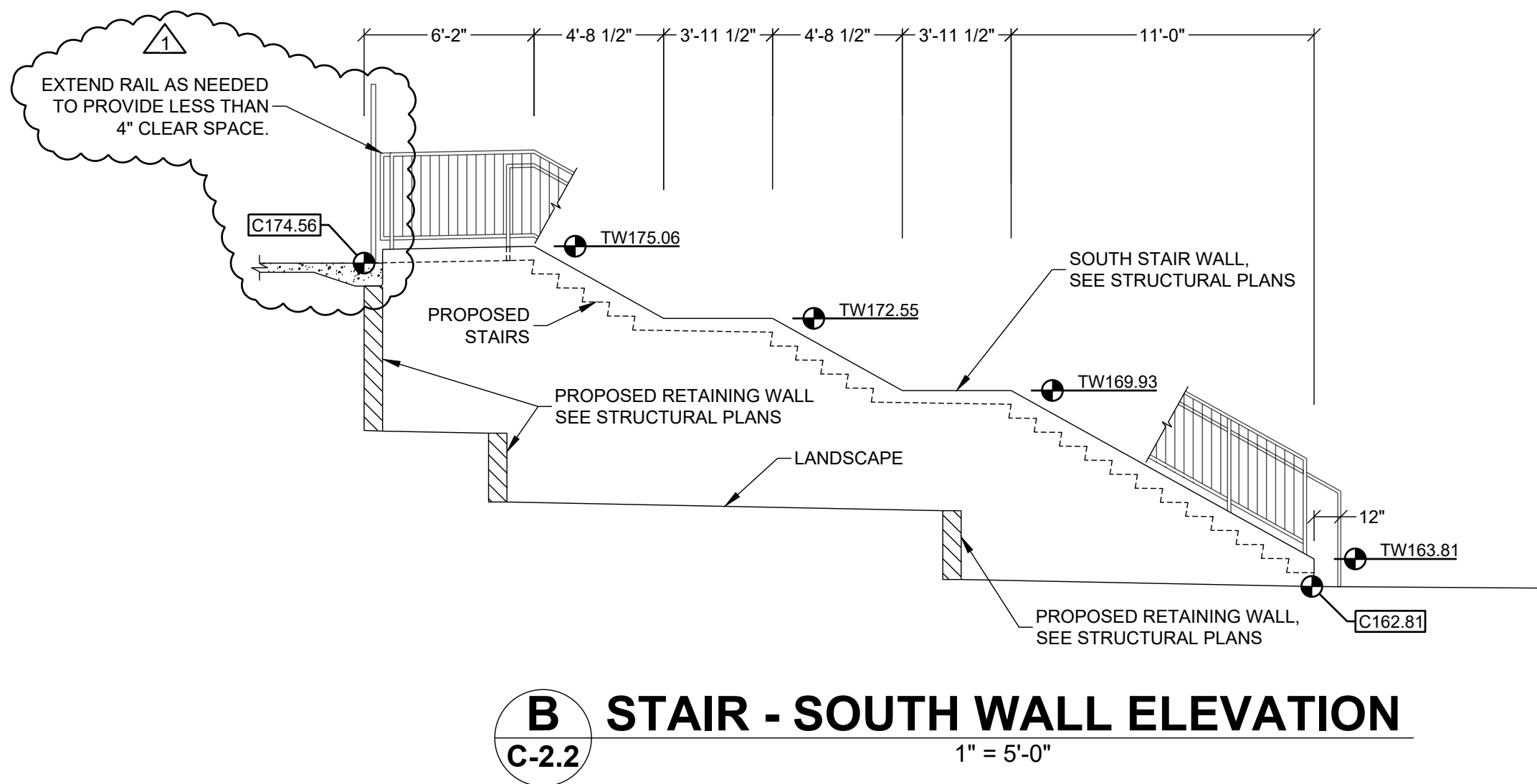
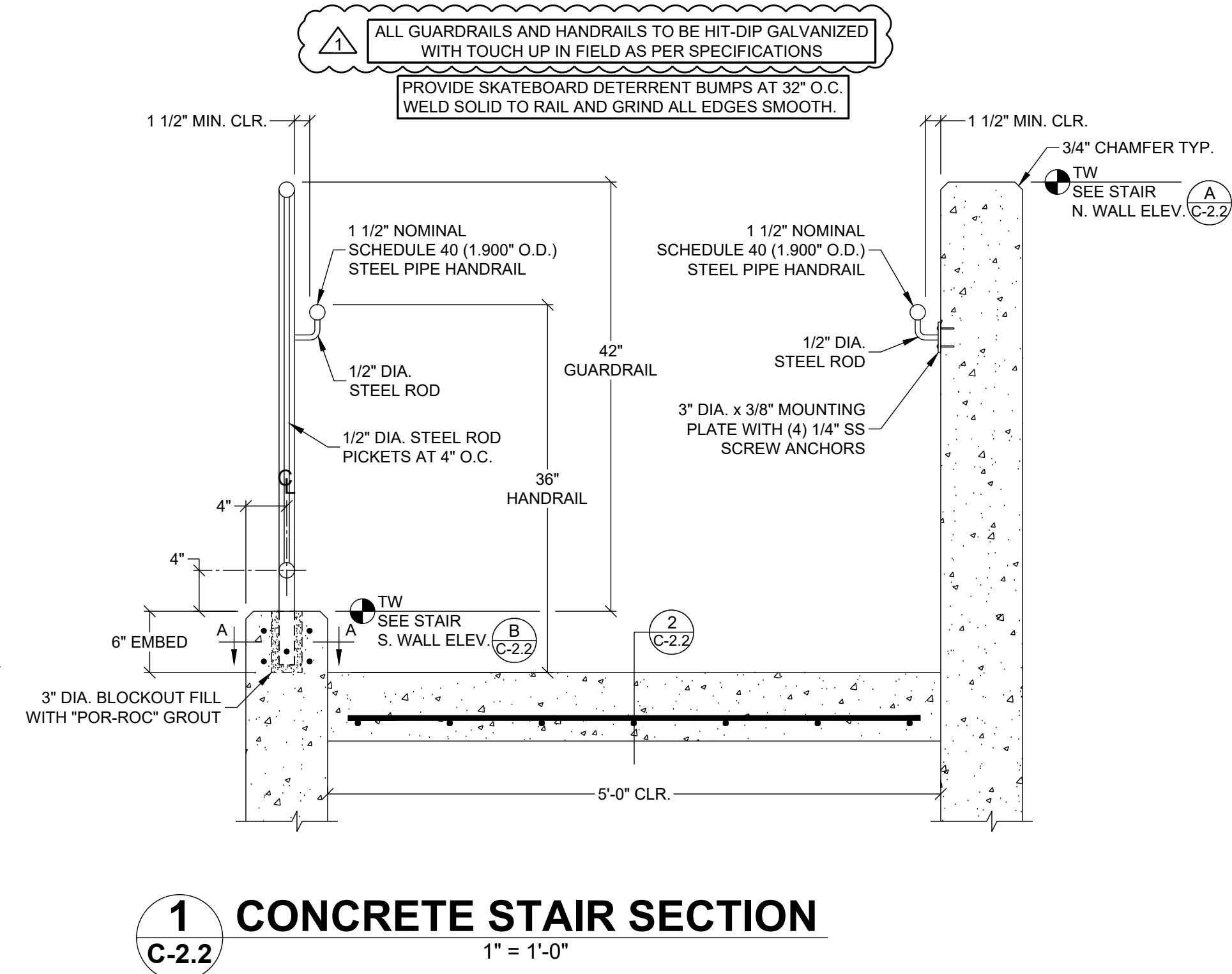
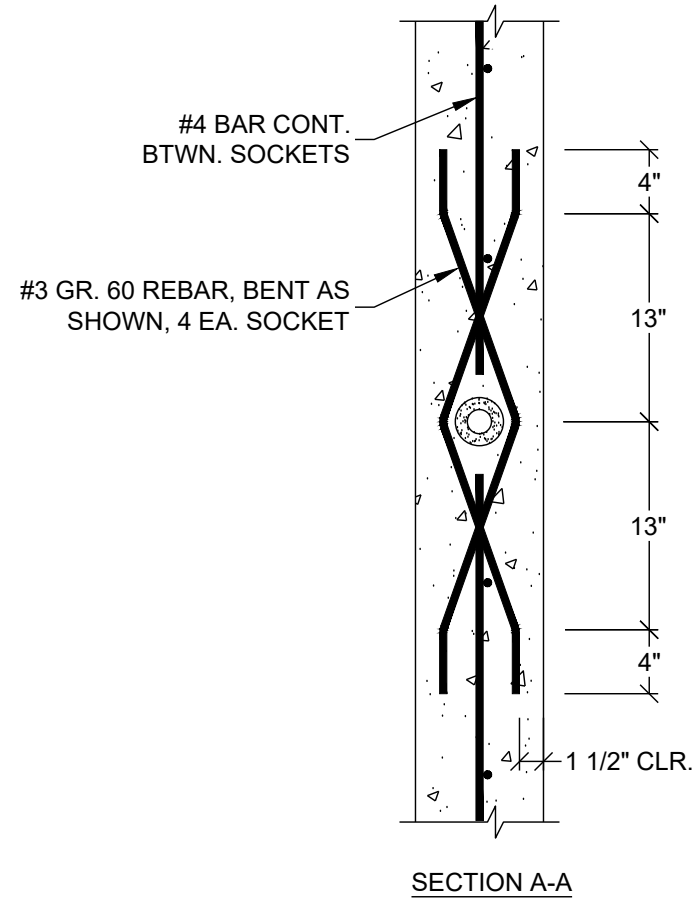
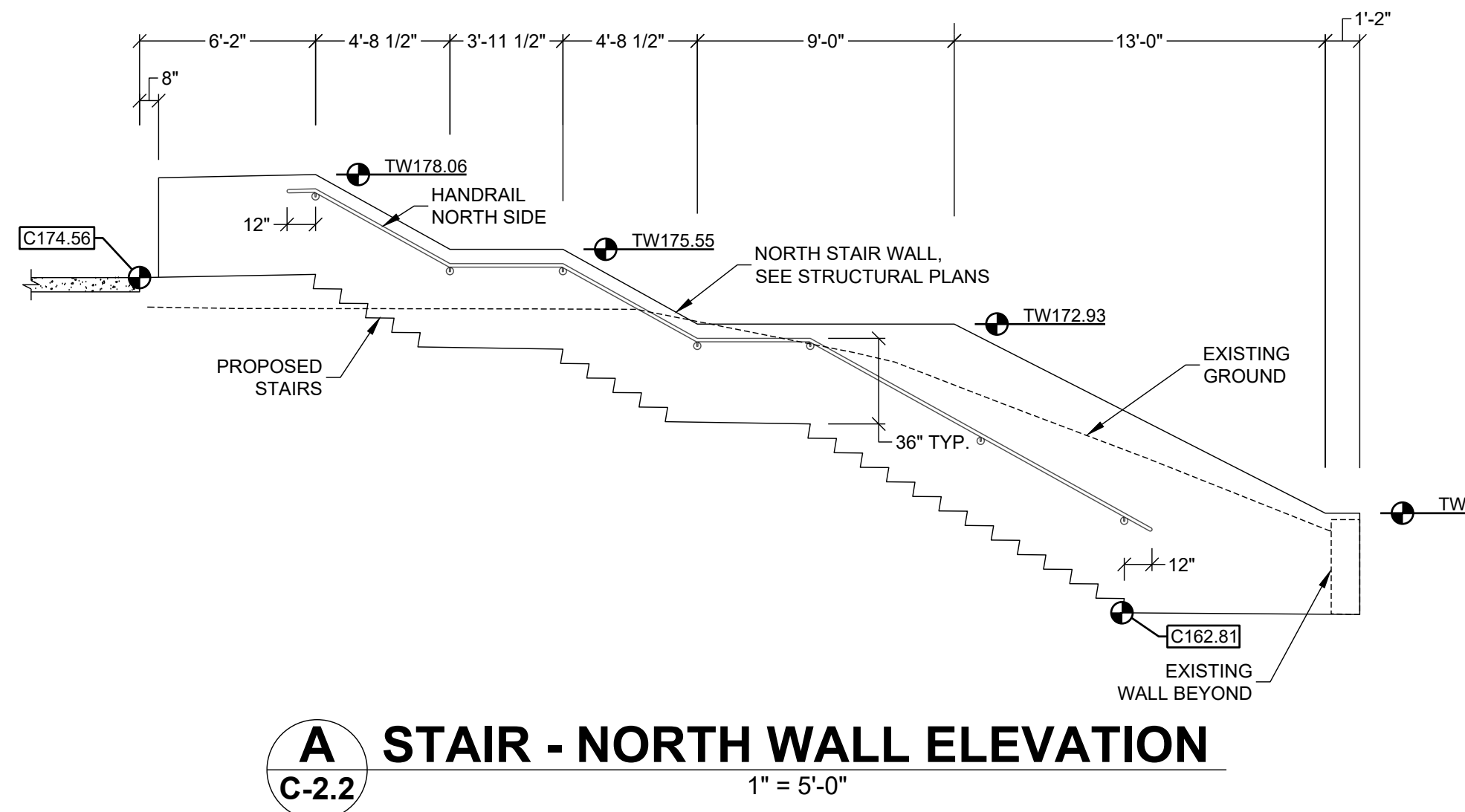
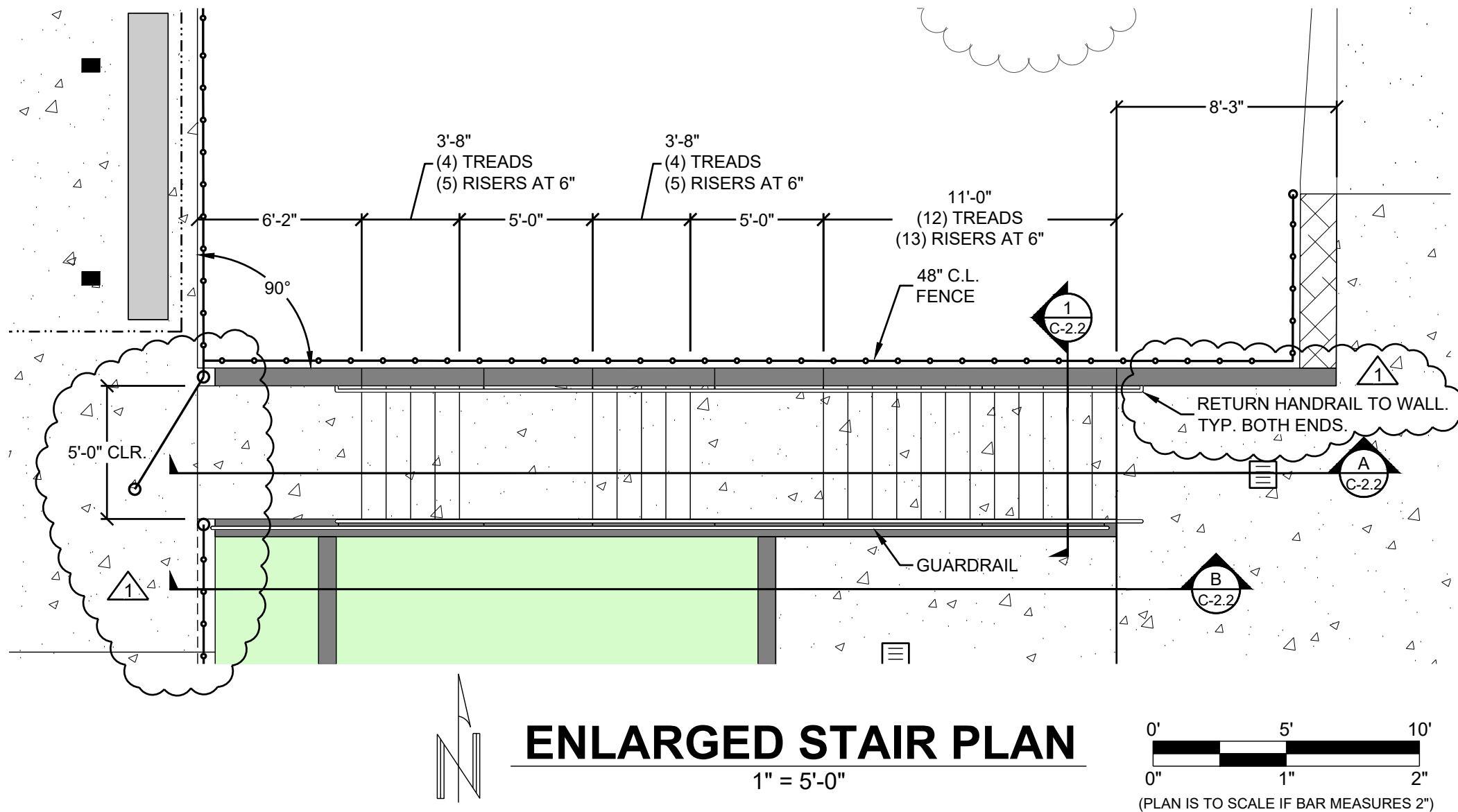
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DRAWN BY:	SC
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DATE:	10/1/2021
TITLE:	ENLARGED PLANS
SCALE:	SEE SHEET

SHEET NO:	C-2.1
OF	26

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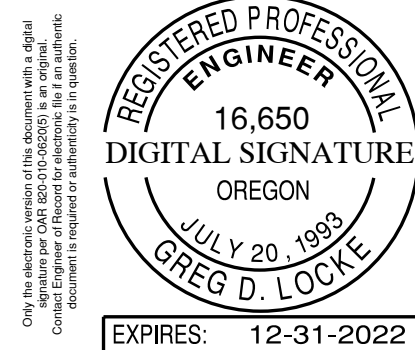
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289 E Ellendale Ave., Suite 703
Dallas, Oregon 97338
503.364.8207 LockeEngineers.com
J.O. 17061-S

PERMIT SET

A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @

HALLMAN
ELEMENTARY SCHOOL

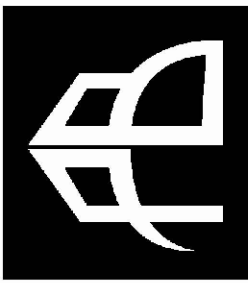
4000 DEERHAVEN DR. NE
SALEM, OR



DRAWN BY:	SC
CHECKED BY:	GL
DATE:	10/1/2021
TITLE:	ENLARGED STAIR PLAN & ELEVATIONS
SCALE:	SEE SHEET

SHEET NO:
C-2.2
OF 26

REV.	DATE	DESCRIPTION
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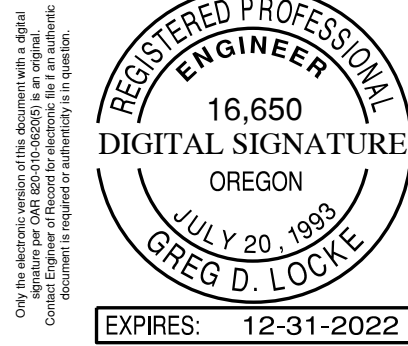
615 SE JACSEN STREET
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503.673.7546 FAX
PAUL@PAULBENTLEYARCHITECT.COM

PAUL L BENTLEY Architect A.I.A. P.C.

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Dallas, Oregon 97338
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J.O. 17061-S

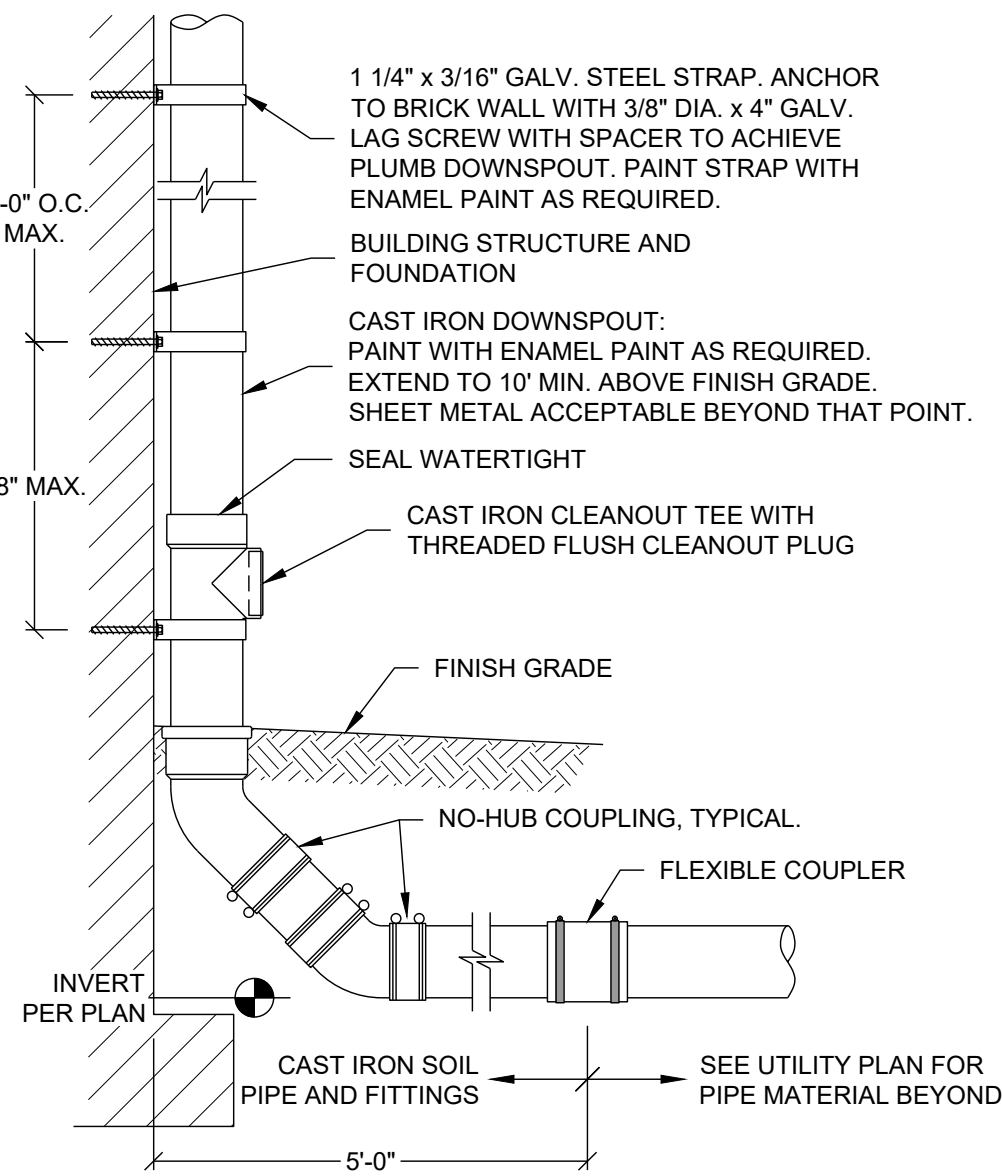
PERMIT SET

A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @
HALLMAN ELEMENTARY SCHOOL
SALEM, OR
4000 DEERHAVEN DR. NE

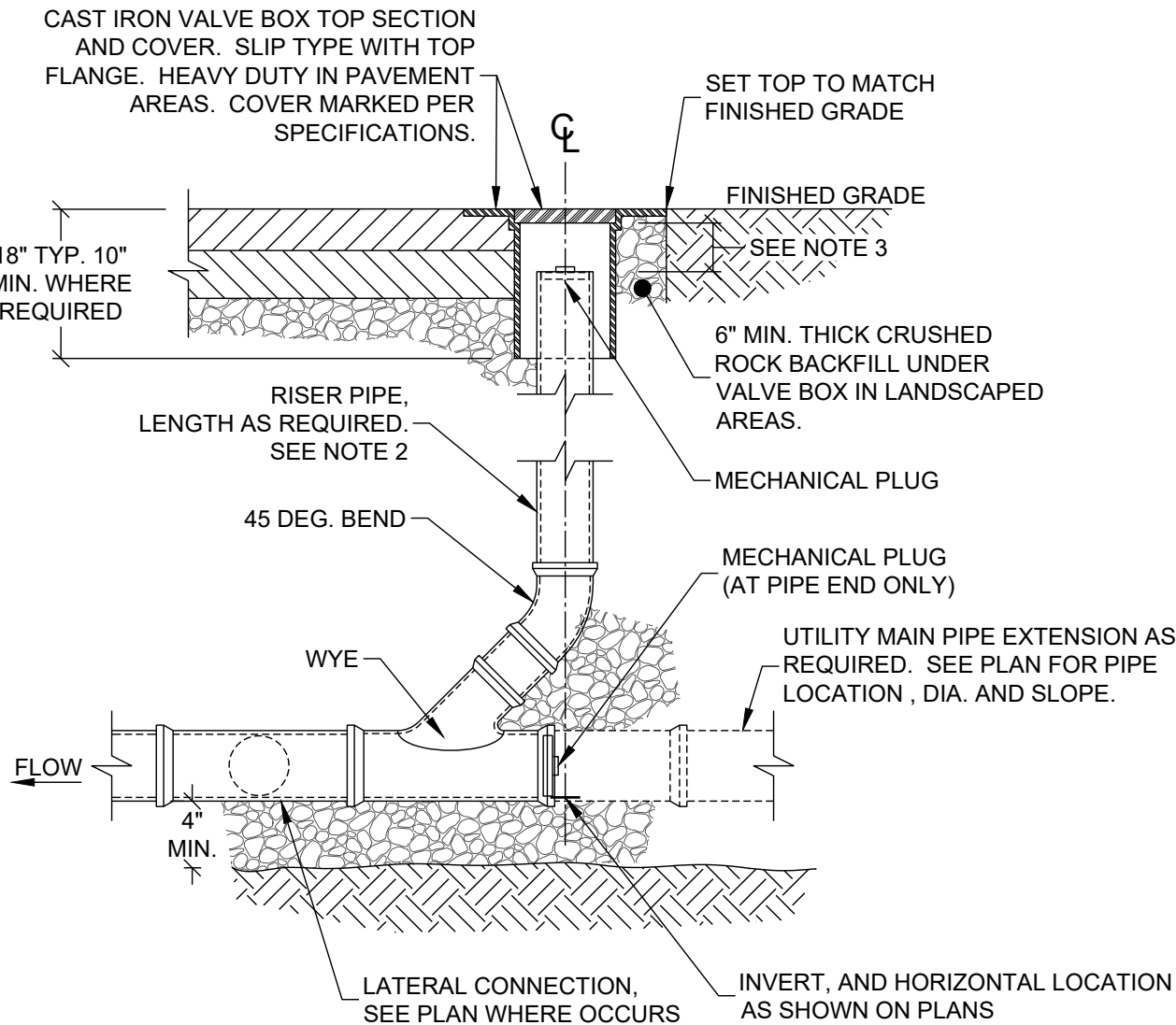


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DATE:	10/1/2021
TITLE:	CIVIL DETAILS
SCALE:	SEE SHEET

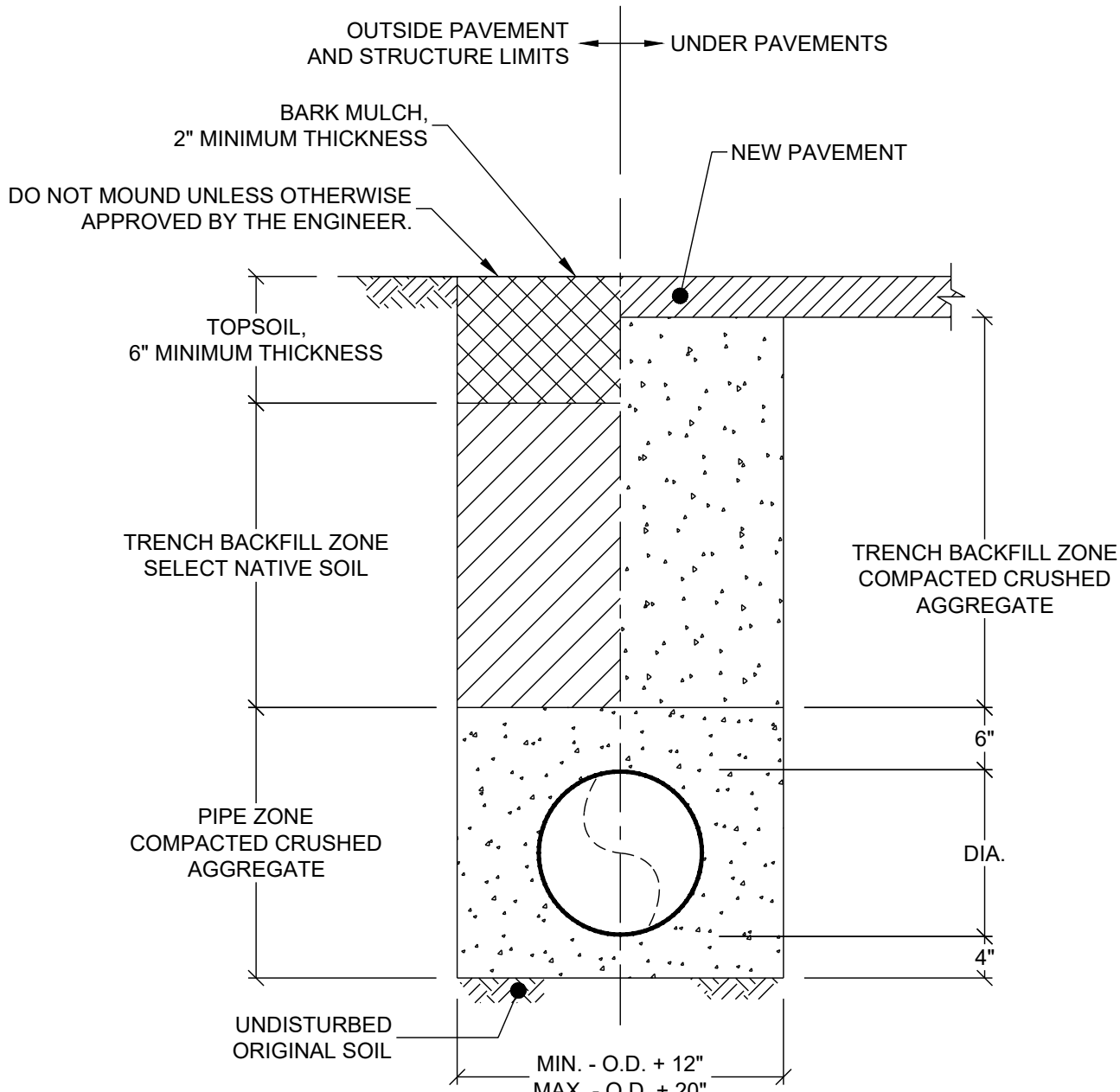
SHEET NO:
C-5.1
OF 26



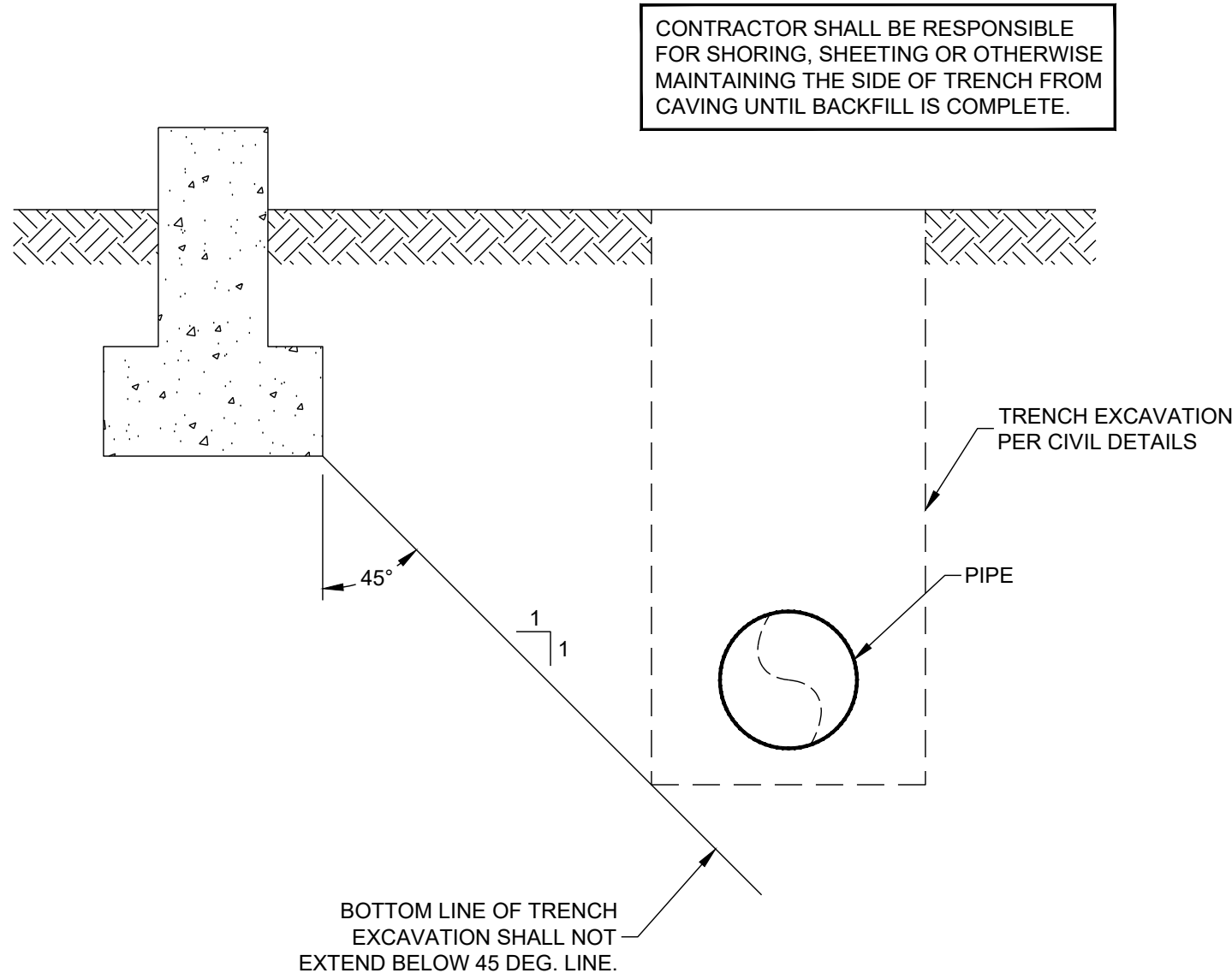
1
C-5.1 **CAST IRON DOWNSPOUT WITH CAST IRON CLEANOUT TEE**
1" = 1'-0"



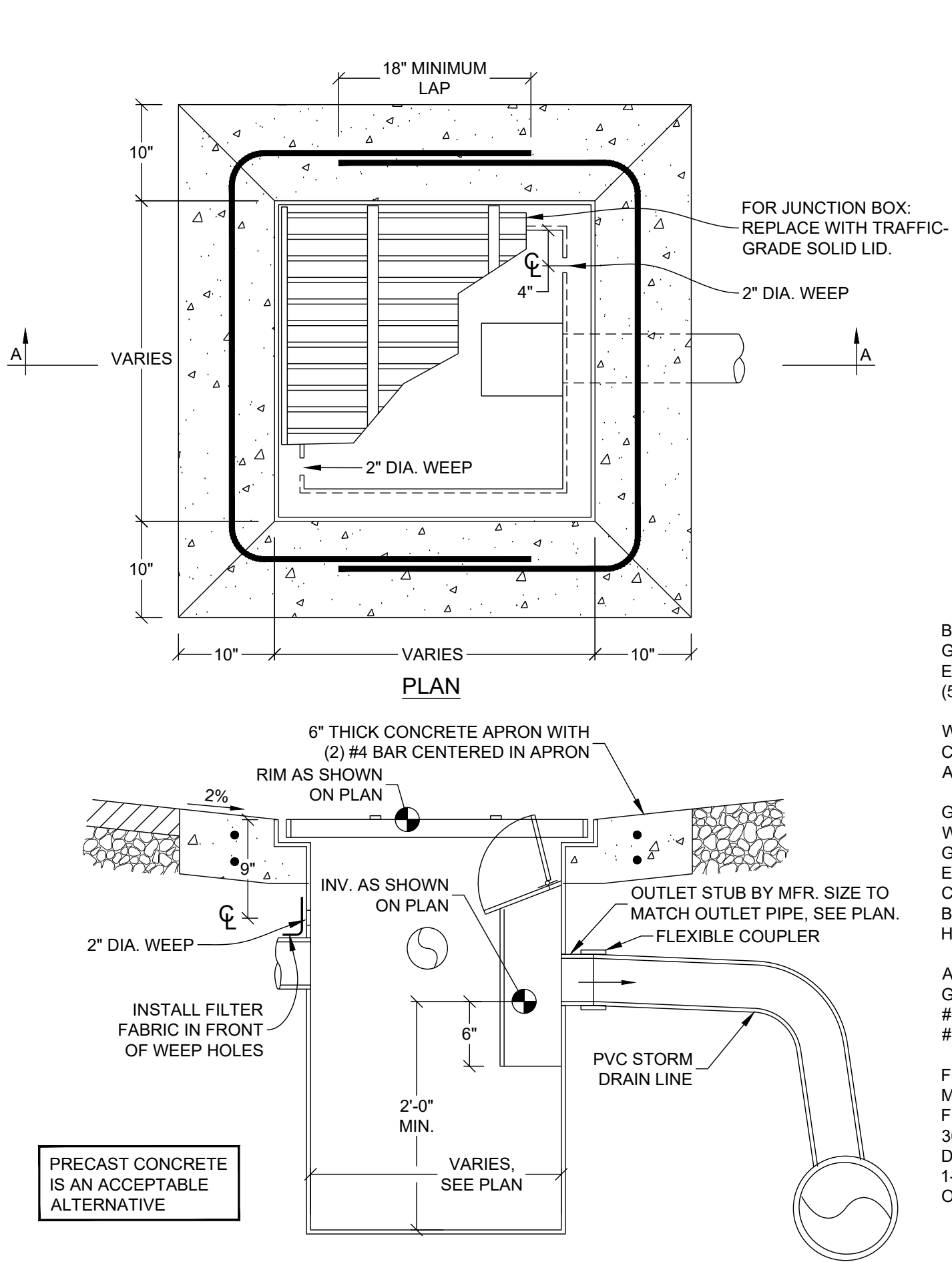
2
C-5.1 **STANDARD PRIVATE CLEANOUT (CO)**
1" = 1'-0"



3
C-5.1 **TYPICAL TRENCH SECTION**
N.T.S.



4
C-5.1 **RELATION OF TRENCHES TO FOOTINGS**
1" = 1'-0"



BASIN AS MANUFACTURED BY:
GIBSON STEEL BASINS
EUGENE, OREGON
(541)484-7200

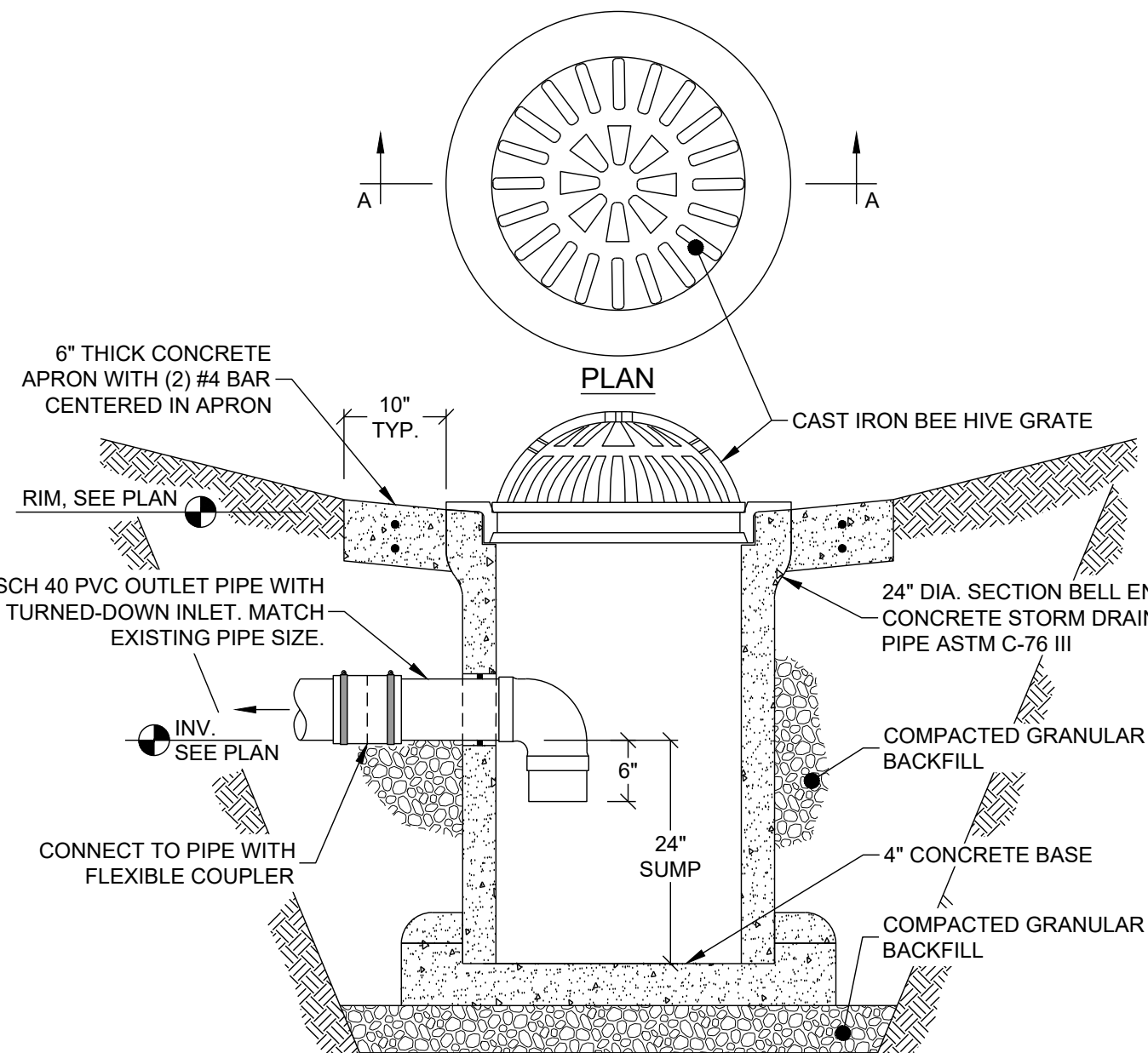
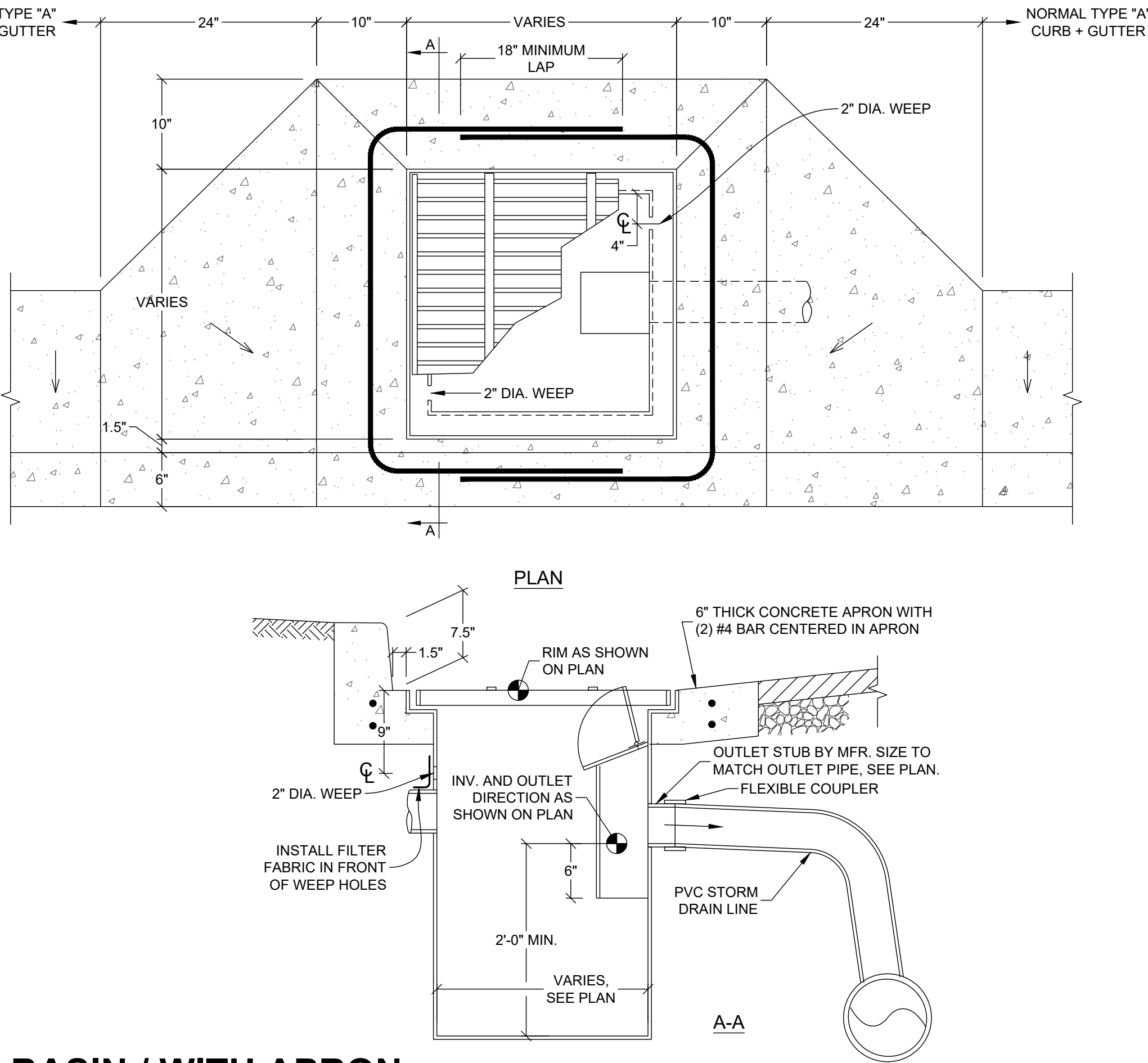
WELDED 10 GA. MILD STEEL,
COATED ALL SURFACES WITH
ASPHALTIC PAINT.

GRATE:
WELDED STEEL DROP-IN BAR
GRATE (ASTM A36).
END BARS: 1/2"x2"
CROSS BARS: 1/2"x2" AT 2' O.C.
BIKE STRAPS: 1/8"x1"
H-25 LOAD CAPACITY

ADA GRATE:
GIBSON STEEL BASIN MODEL
#SM-77-ADA FOR 24" SQ. BASIN
#14-SQ-CKR FOR 12" SQ. BASIN

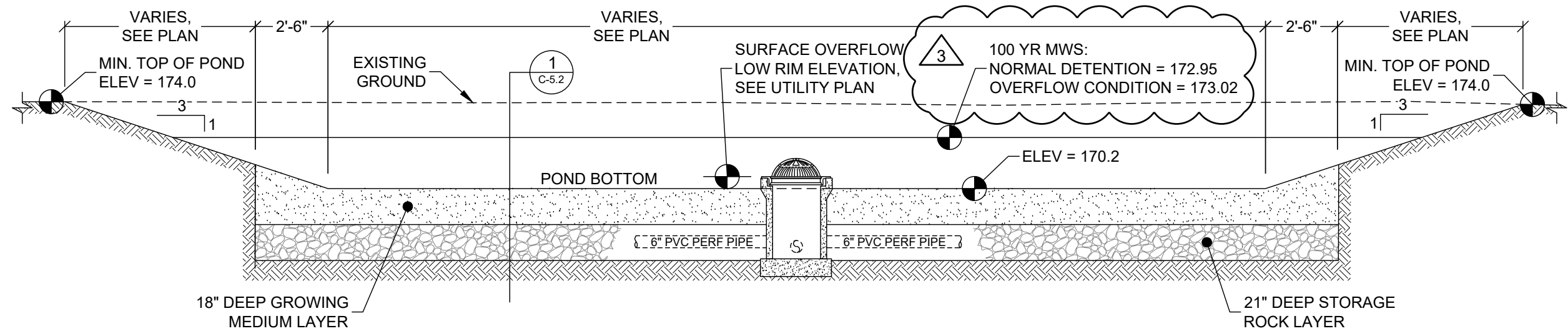
FLEXIBLE COUPLER AS
MANUFACTURED BY:
FERNCO
300 S. DAYTON ST.
DAVISON MI 48423
1-800-521-1283
OR APPROVED EQUAL

5
C-5.1 **CATCH BASIN / WITH APRON**
1" = 1'-0"

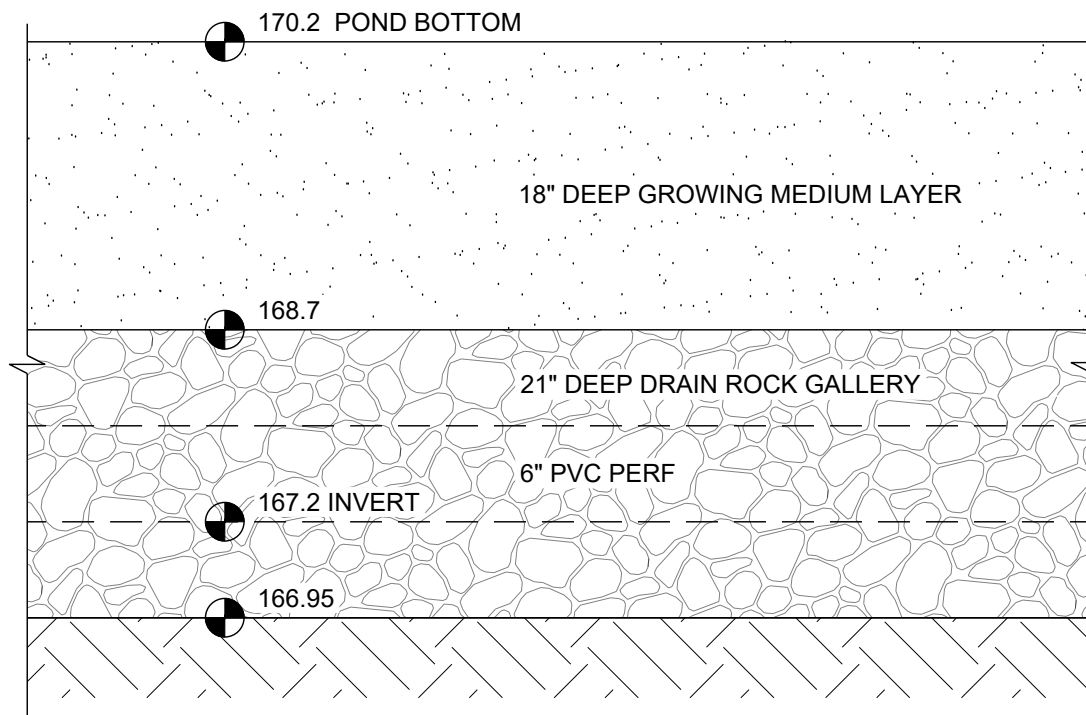


6
C-5.1 **AREA DRAIN**
3/4" = 1'-0"

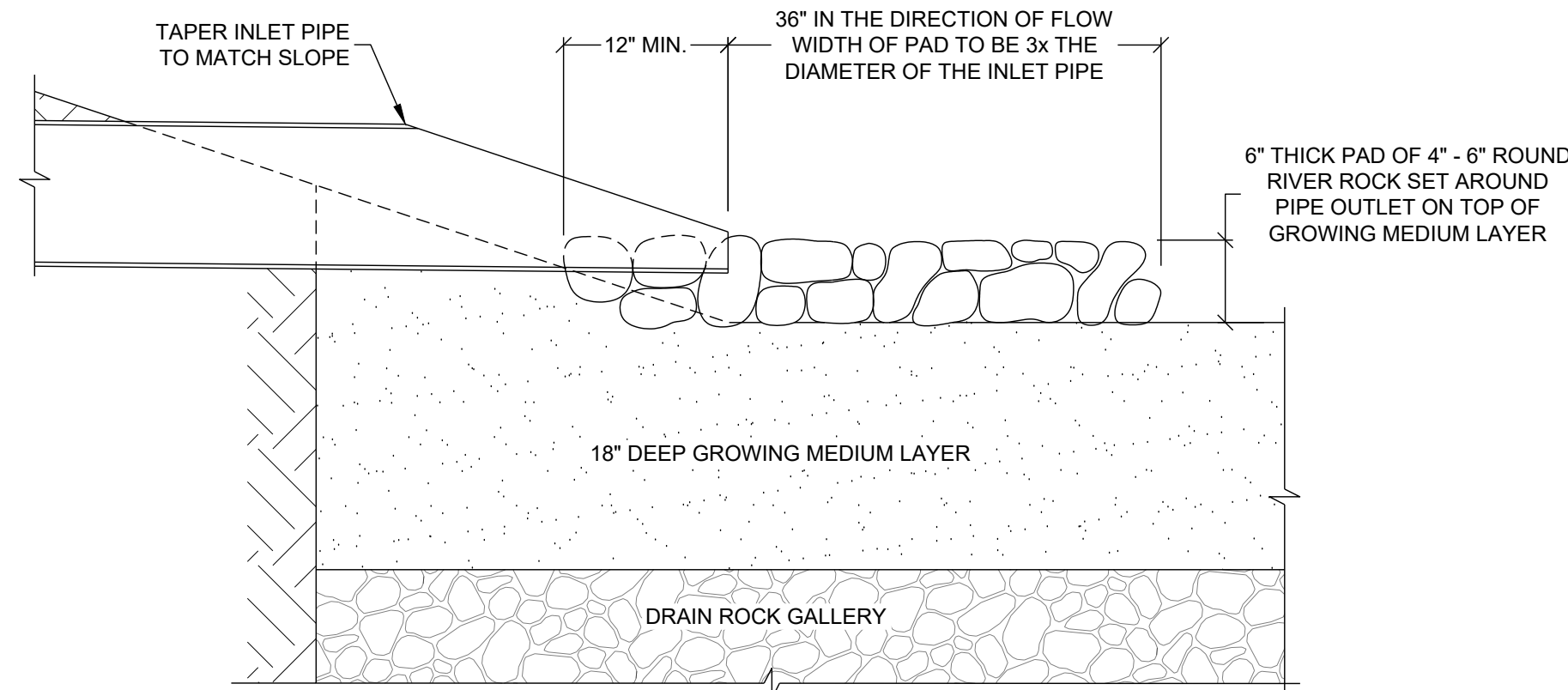
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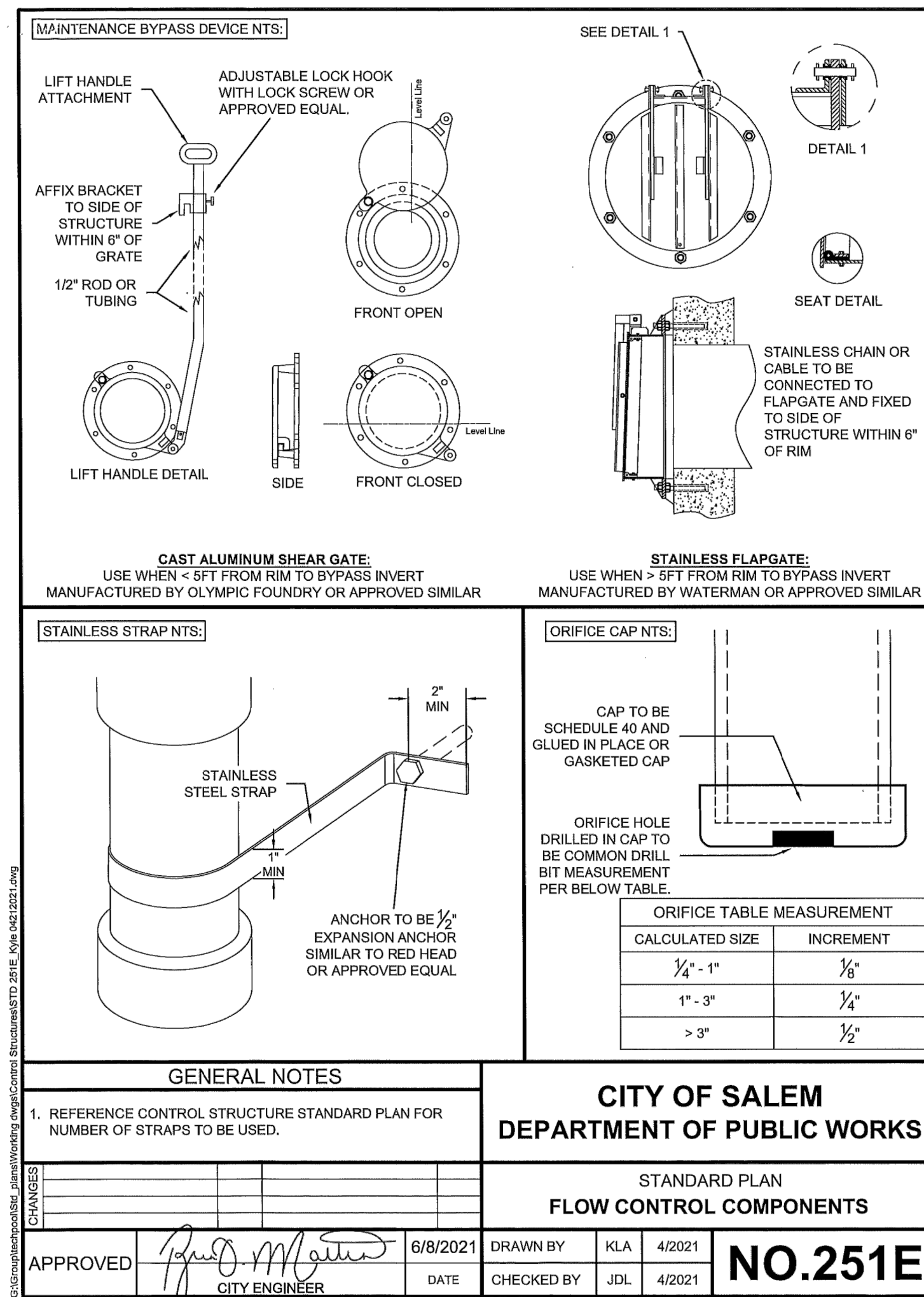
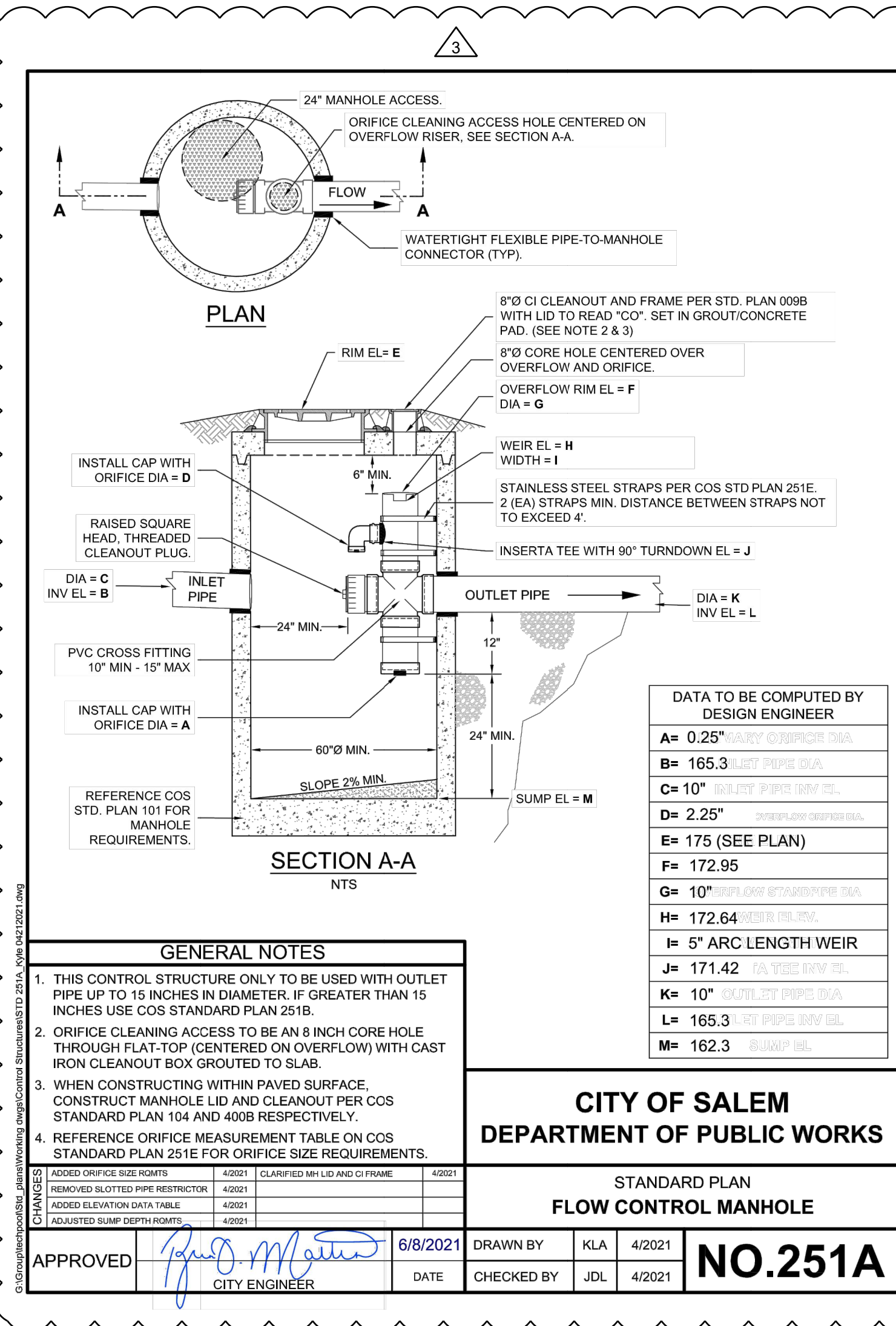
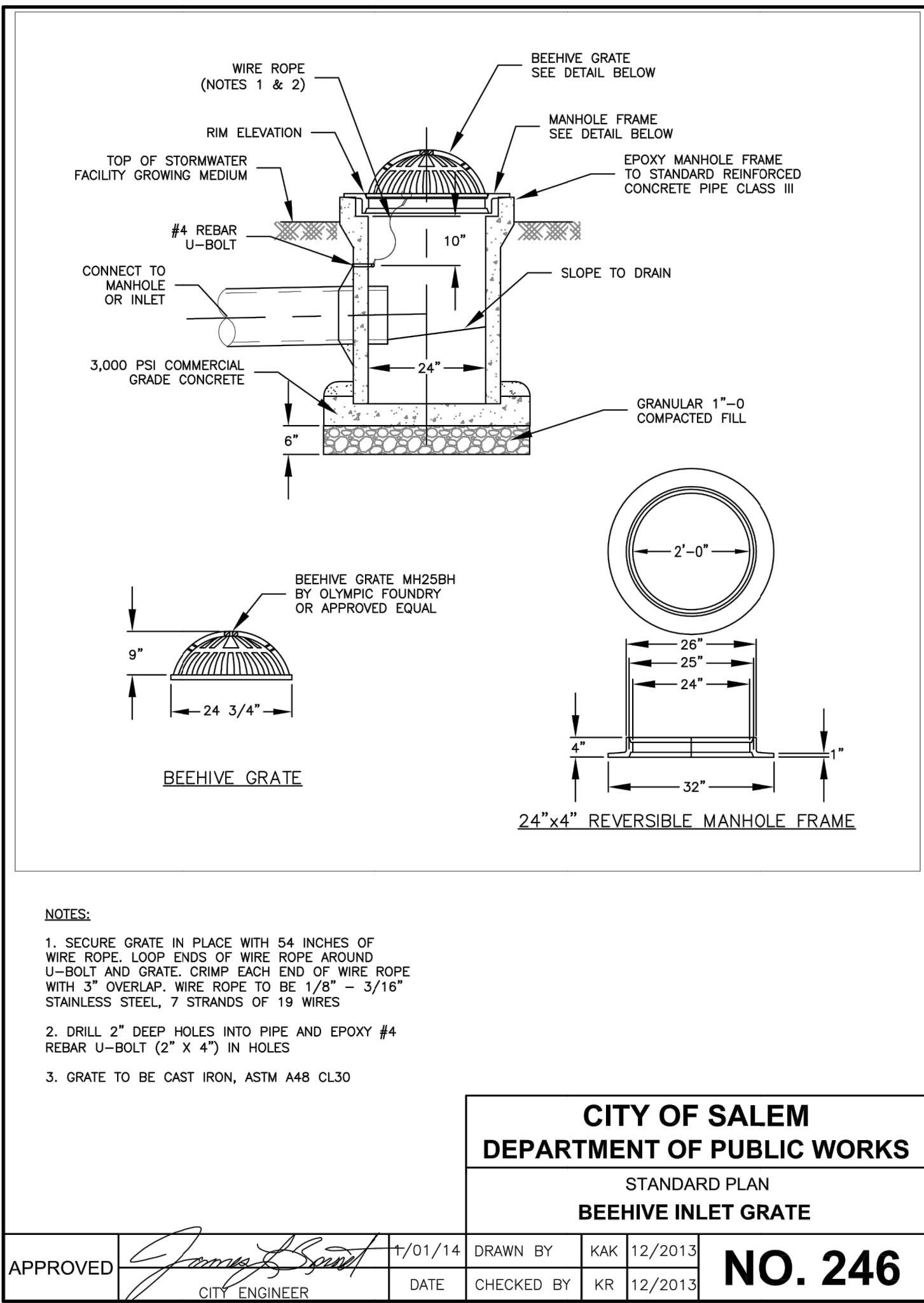
A BASIN SECTION - NORTH/SOUTH
C-5.2 1" = 5'-0"



1 BASIN DETAIL
C-5.2 1" = 1'-0"



2 ROCK PAD AT PIPE OUTLET
C-5.2 1" = 1'-0"



PERMIT SET

A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @

HALLMAN ELEMENTARY SCHOOL

4000 DEERHAVEN DR. NE
SALEM, OR

EXPIRES:	12-31-2022
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DRAWN BY:

CHECKED BY:

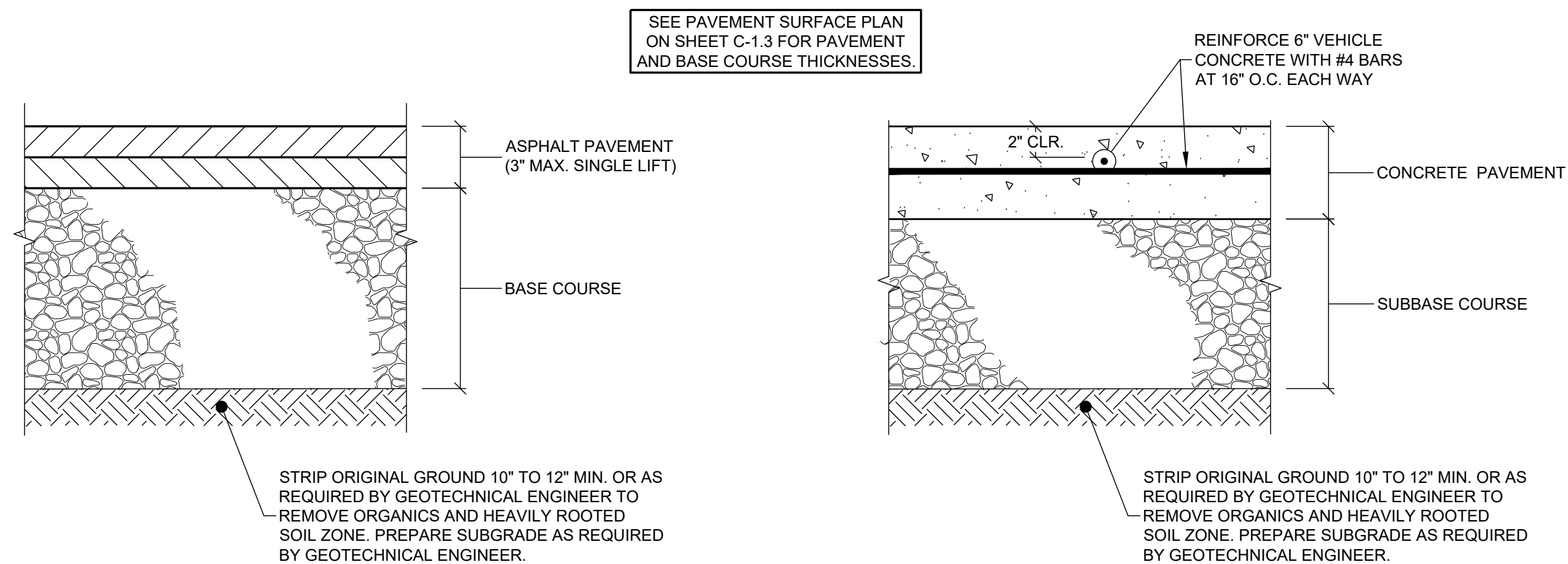
10/1/202

SEE SHEET

SHEET NO:

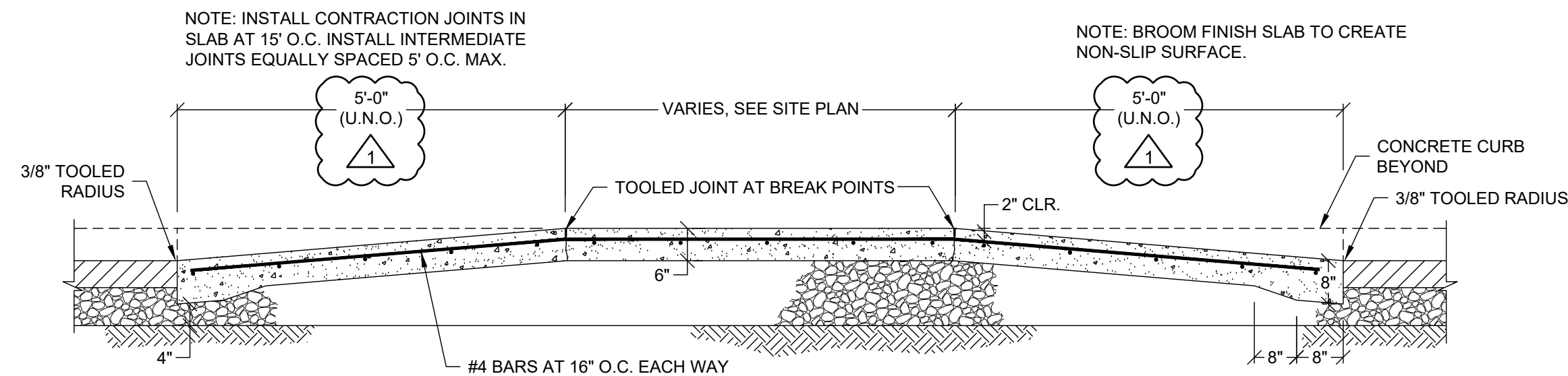
C-5.3

OF 26

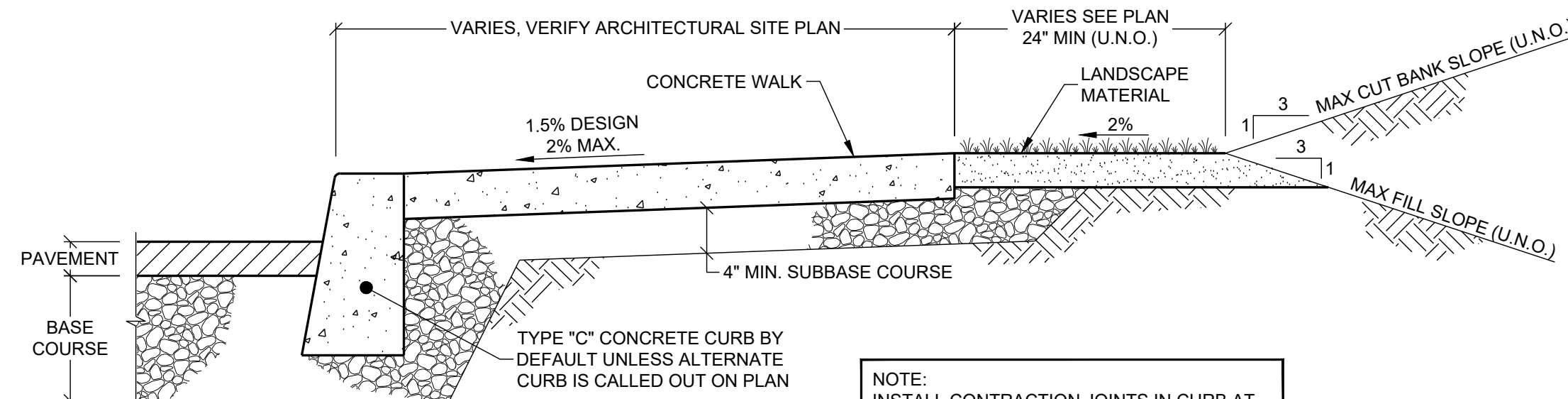


1 TYPICAL ASPHALT PAVEMENT SECTION

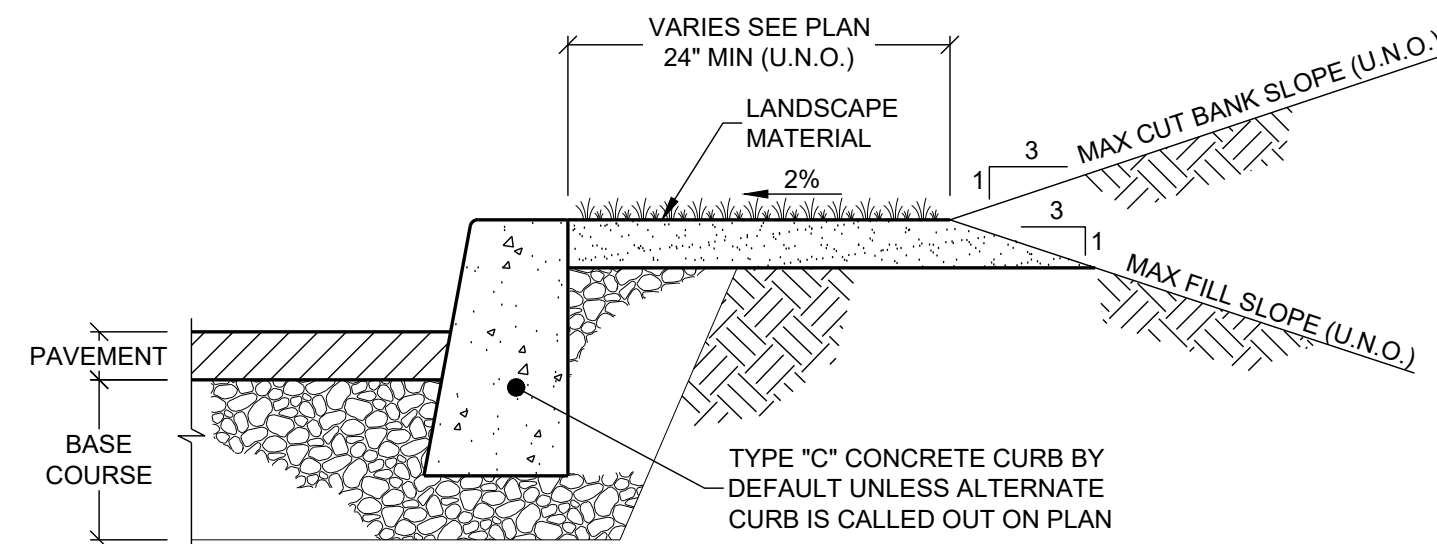
2 TYPICAL CONCRETE PAVEMENT SECTION



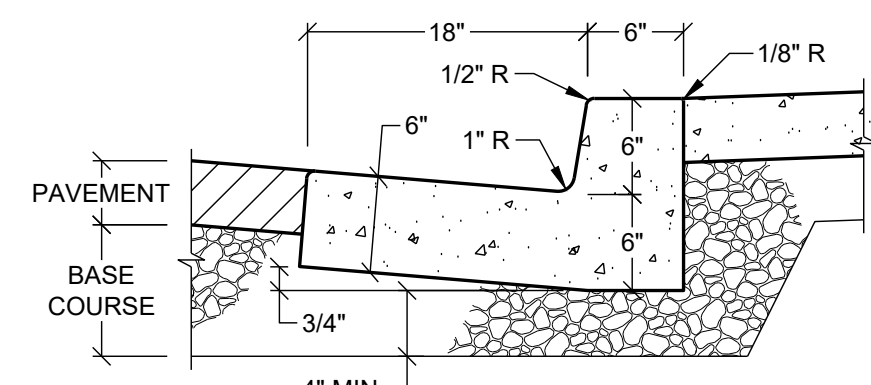
3 **C-5.3** **RAISED CROSSWALK/CONCRETE SPEED HUMP** 1/2" = 1'-0"



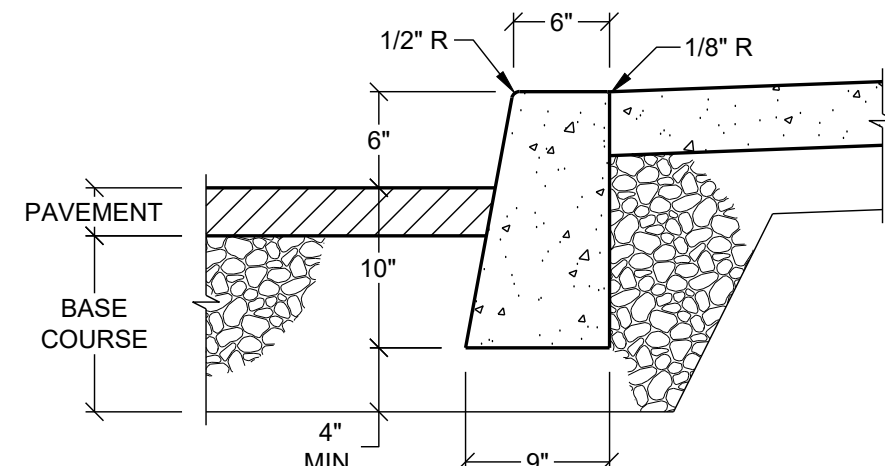
CURB WITH SIDEWALK



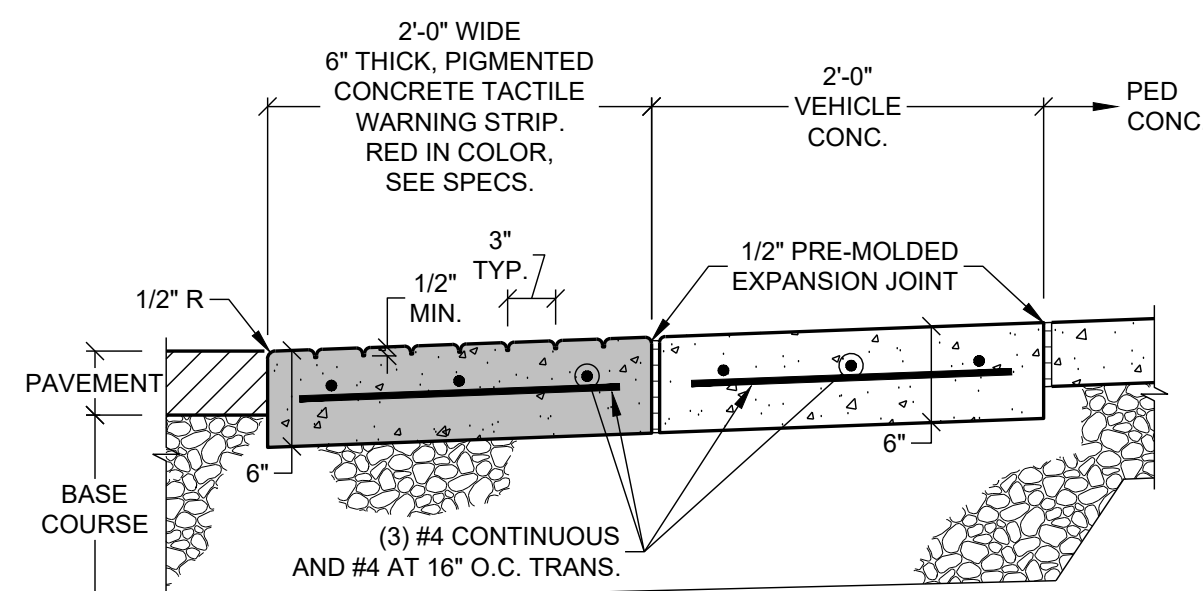
CURB WITH LANDSCAPE



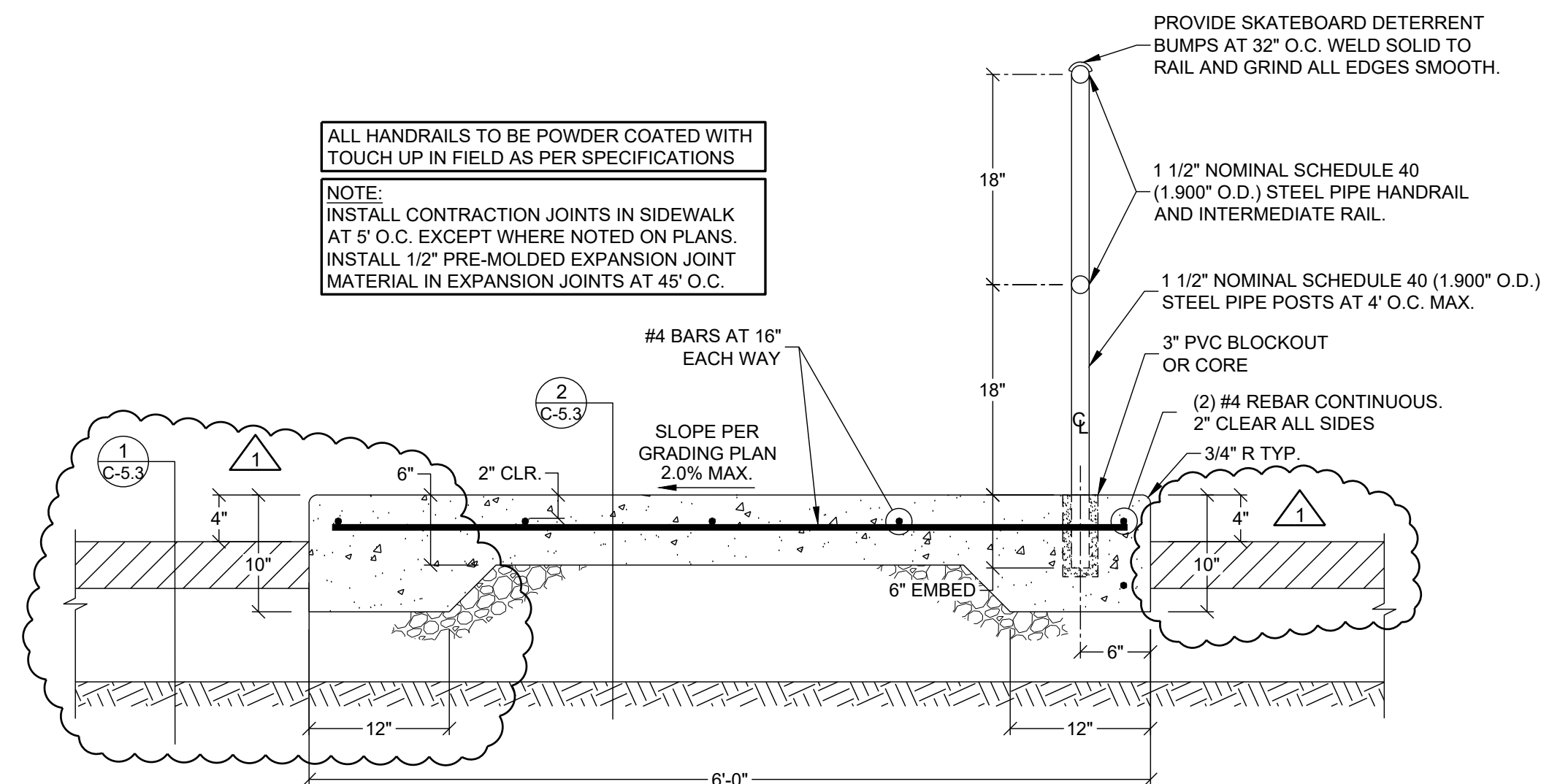
TYPE "A" CURB ALTERNATE



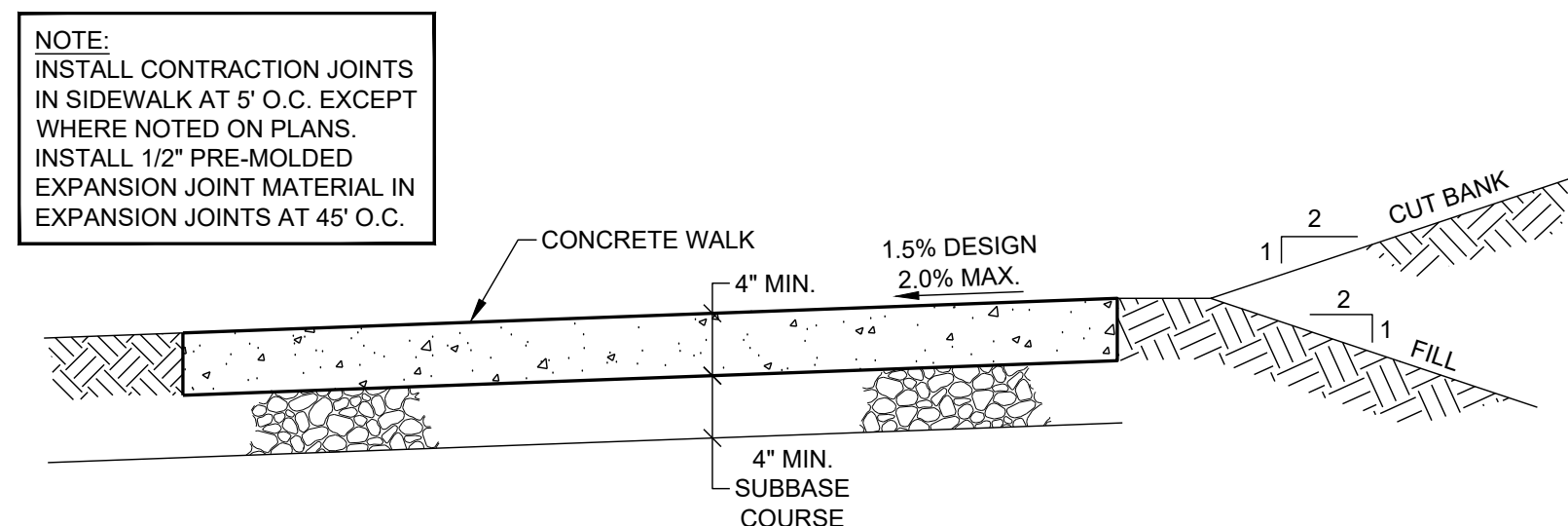
TYPE "C" CURB



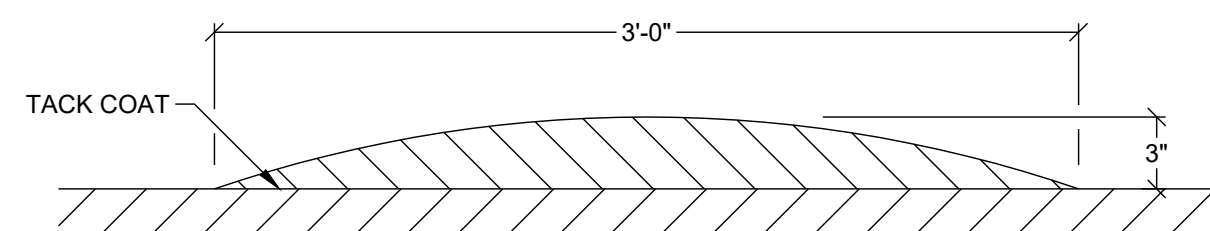
TYPE "G" AT-GRADE TACTILE CURB



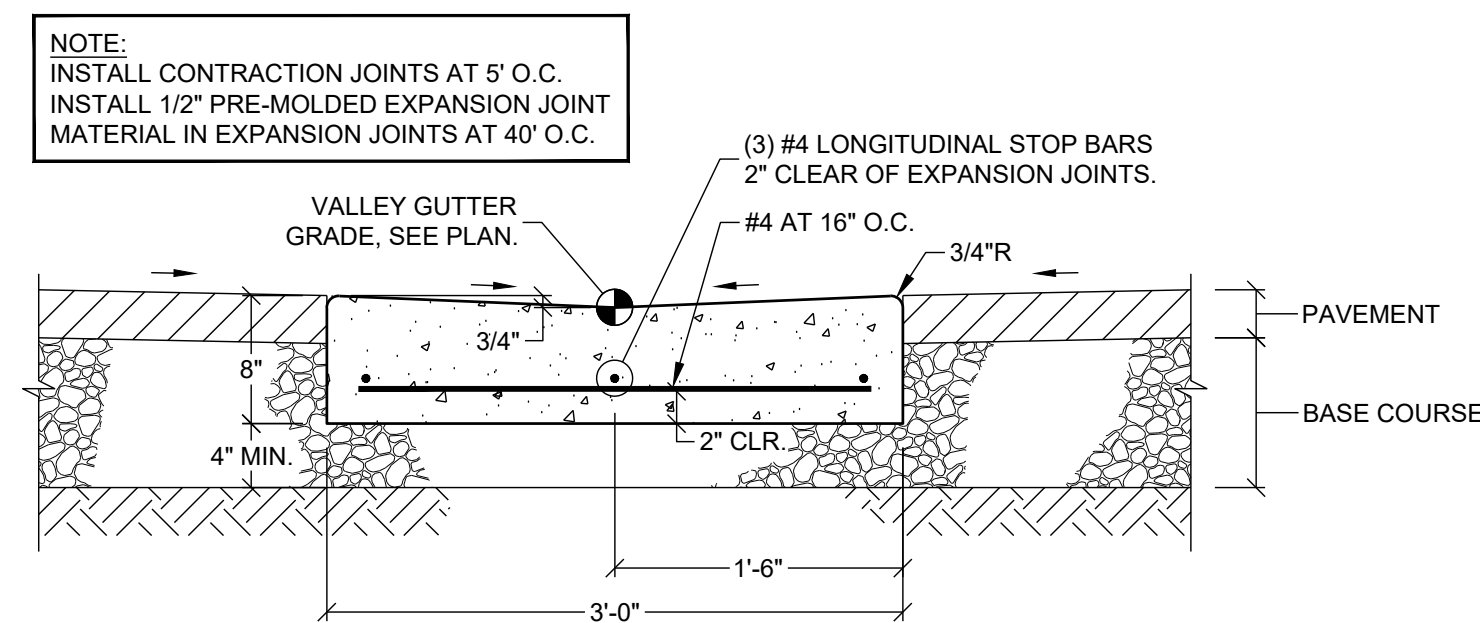
5 INTERIOR WALKWAY AND BARRIER RAIL



6 TYPICAL SIDEWALK
C-5.3 1" = 1'-0"



7 ASPHALT SPEED BUMP
C-5.3 1 1/2" = 1'-0"

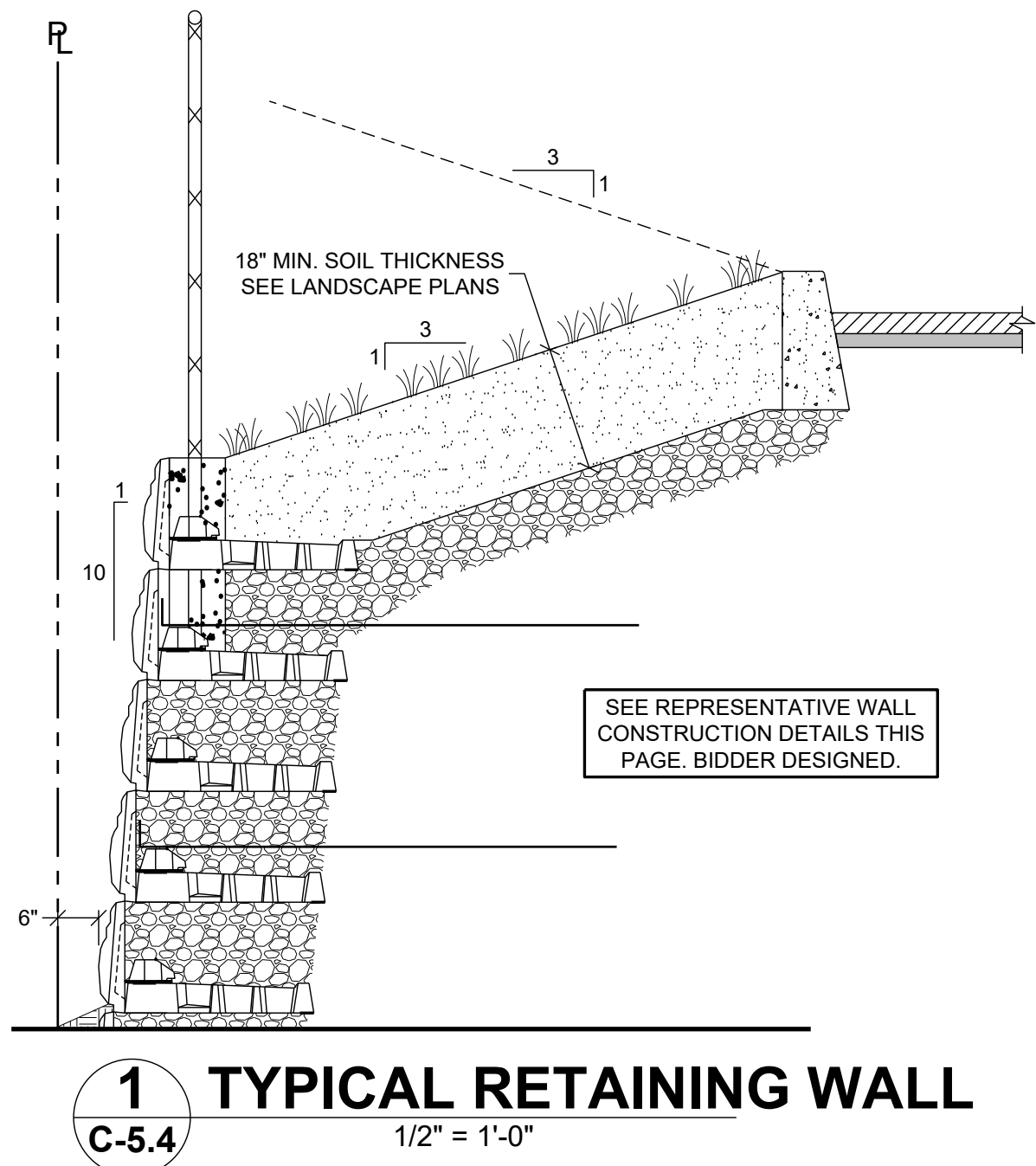
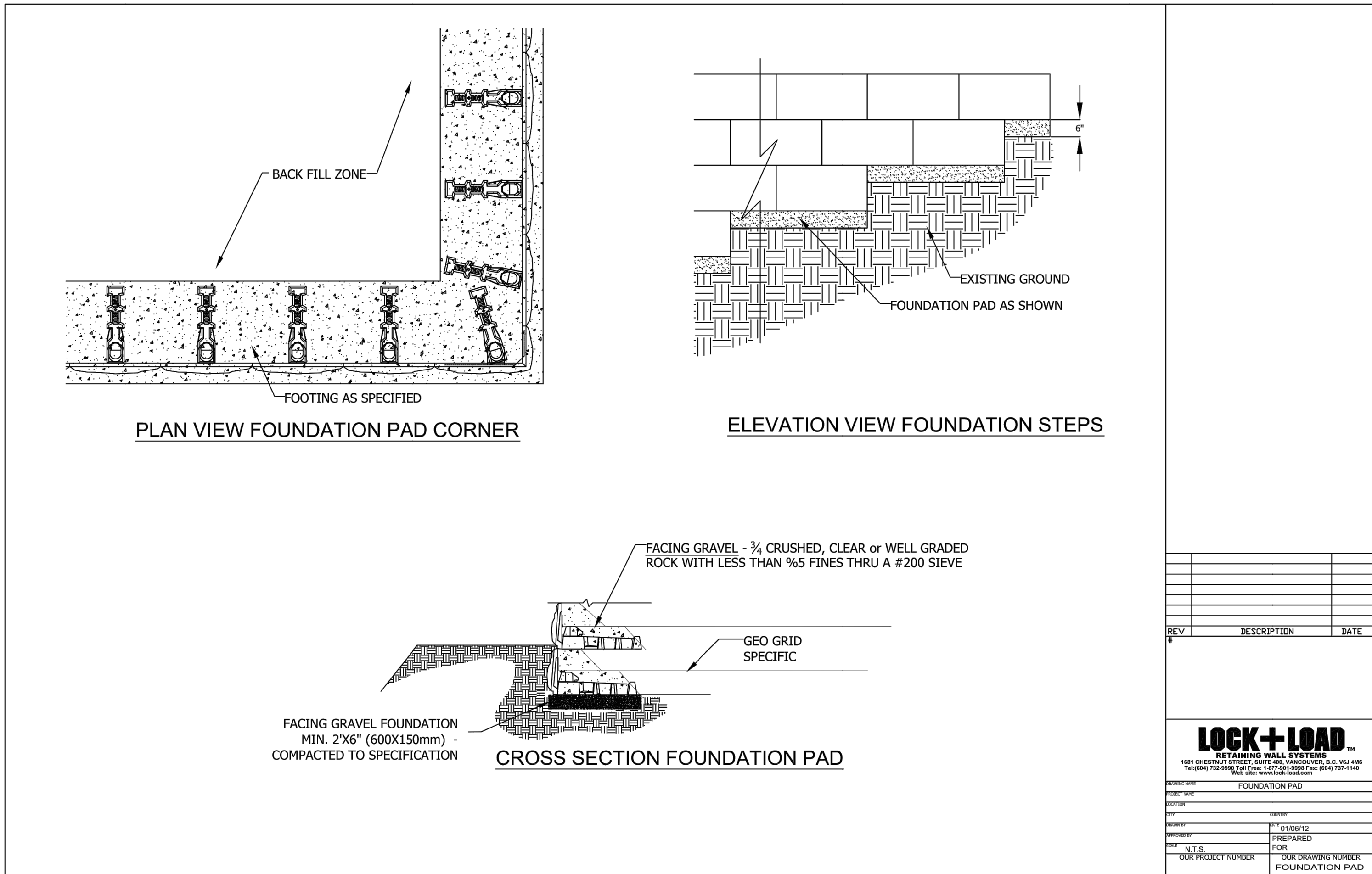
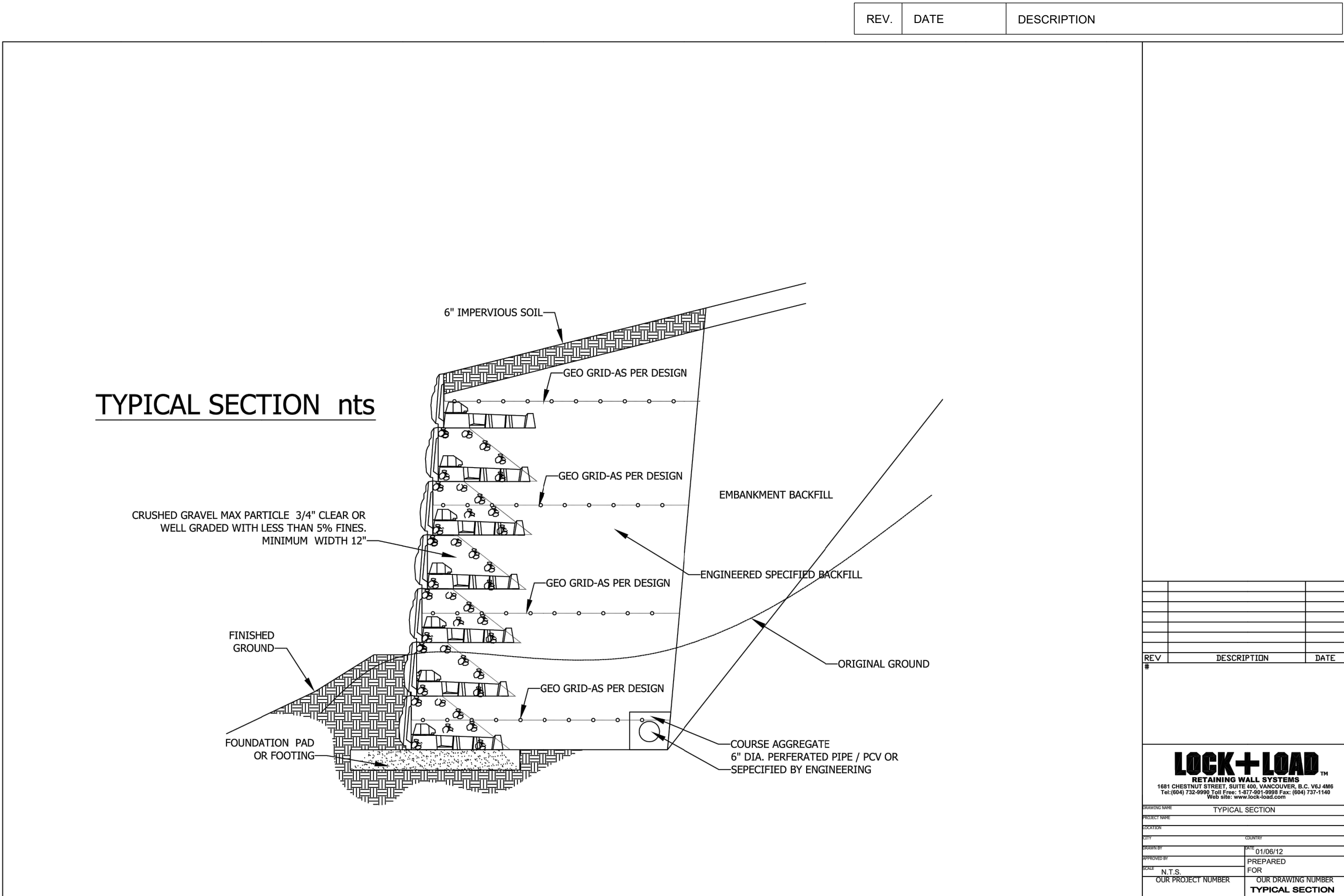
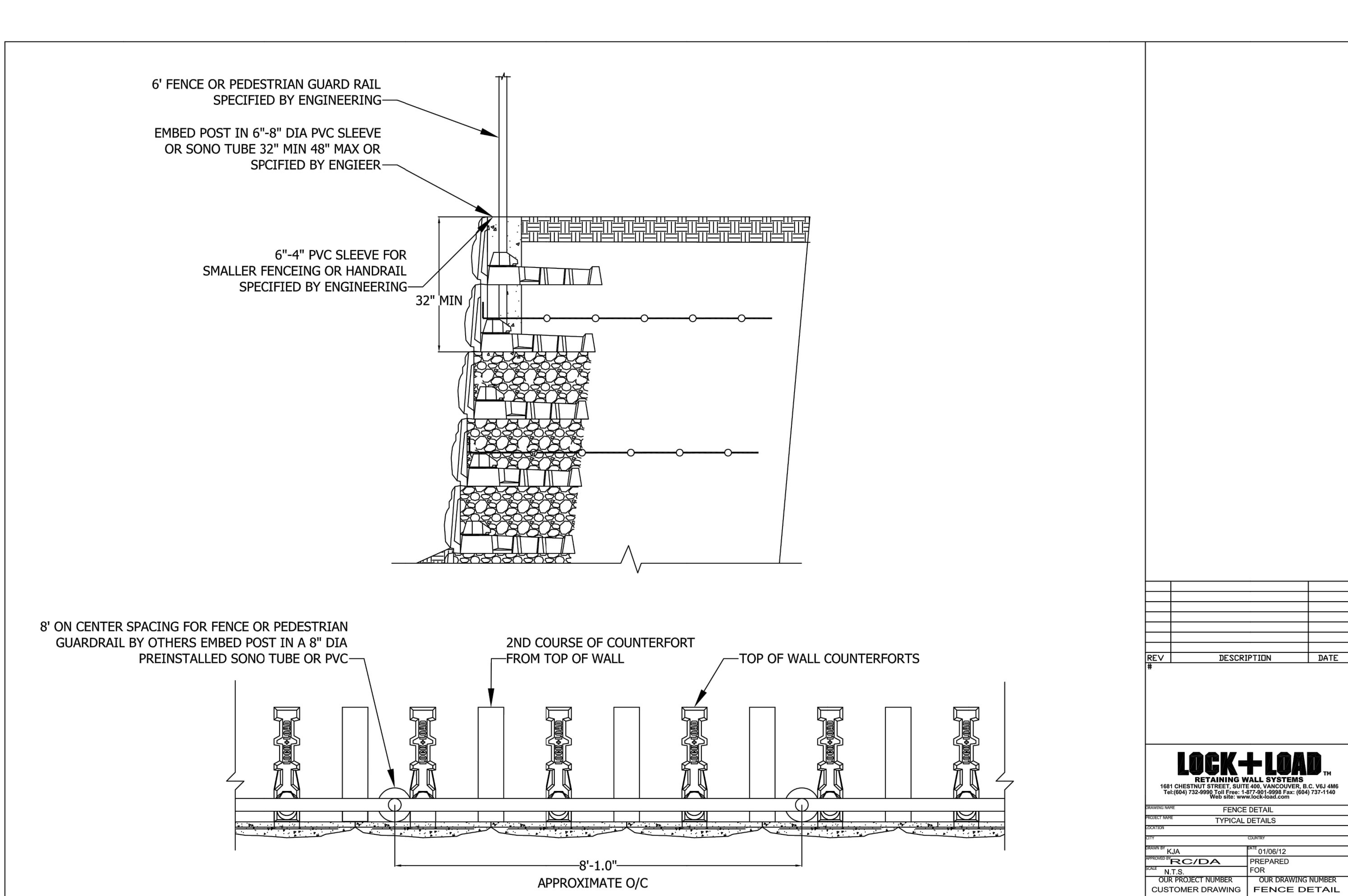


8 CONCRETE VALLEY GUTTER

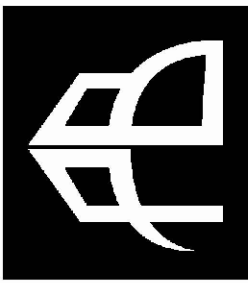
NOTE:
INSTALL CONTRACTION JOINTS
IN SIDEWALK AT 5' O.C. EXCEPT
WHERE NOTED ON PLANS.
INSTALL 1/2" PRE-MOLDED
EXPANSION JOINT MATERIAL IN
EXPANSION JOINTS AT 45' O.C.

NOTE:
INSTALL CONTRACTION JOINTS AT 5' O.C.
INSTALL 1/2" PRE-MOLDED EXPANSION JOINT
MATERIAL IN EXPANSION JOINTS AT 40' O.C.

(3) #4 LONGITUDINAL STOP BARS
2" CLEAR OF EXPANSION JOINTS



REV.	DATE	DESCRIPTION
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ENGINEERS
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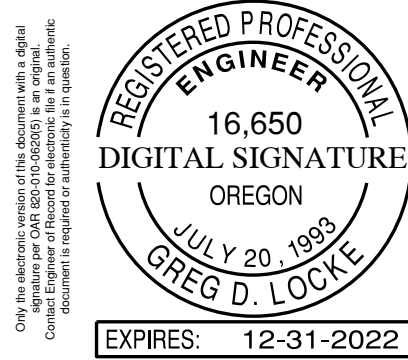
PERMIT SET

A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @

HALLMAN

ELEMENTARY SCHOOL

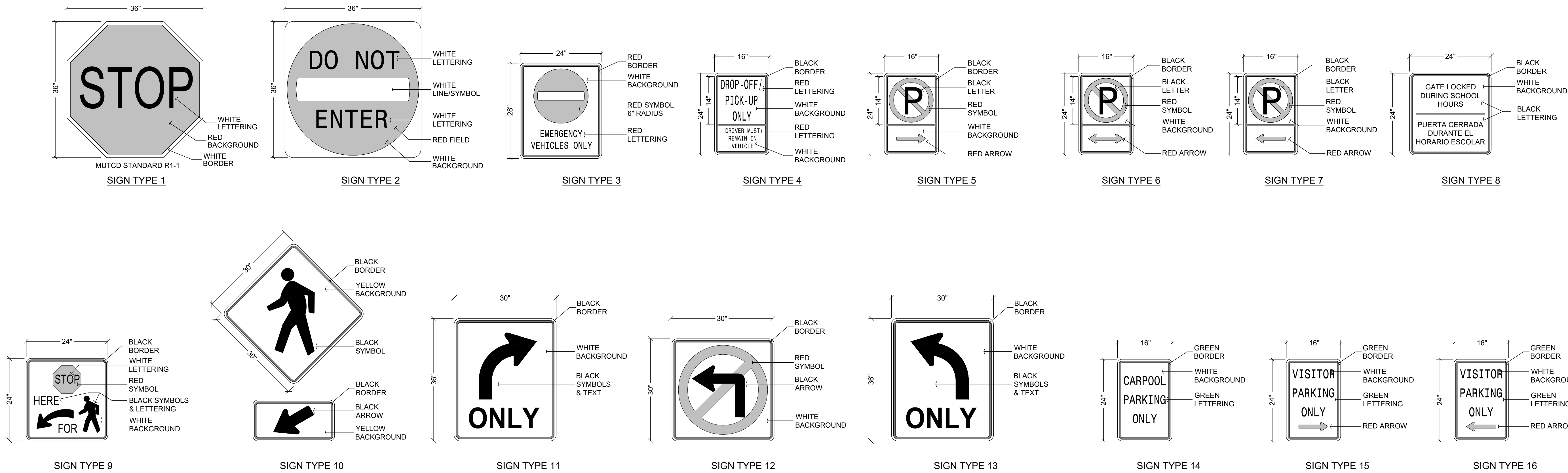
4000 DEERHAVEN DR. NE SALEM, OR



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CHECKED BY:	GL
DATE:	10/1/2021
TITLE:	CIVIL DETAILS
SCALE:	SEE SHEET

SHEET NO:
C-5.4
OF 26

REV.	DATE	DESCRIPTION
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SIGN TYPE DETAILS

3/4" = 1'-0"



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Dallas, Oregon 97338
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J.O. 17061-S

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A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @

HALLMAN

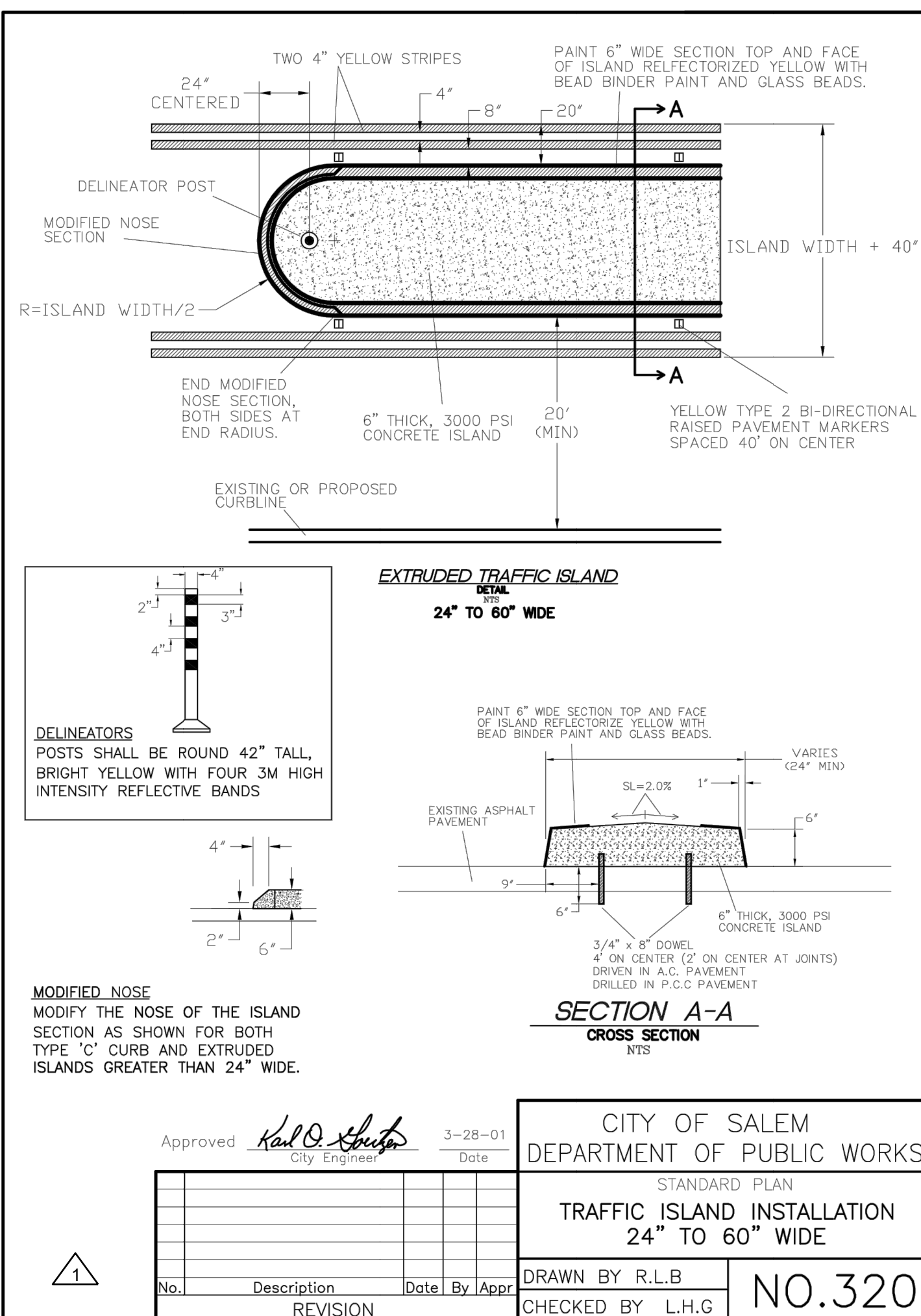
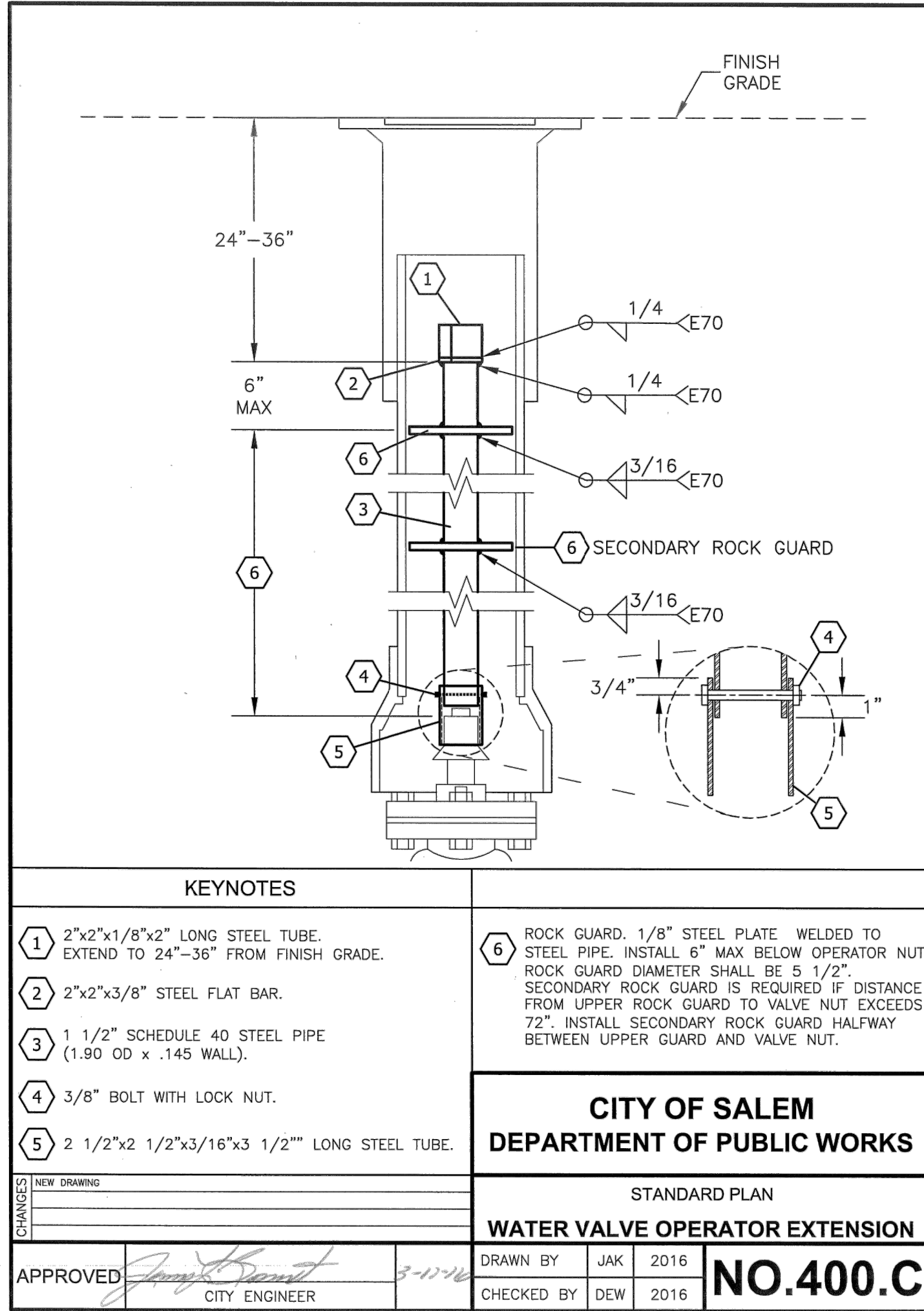
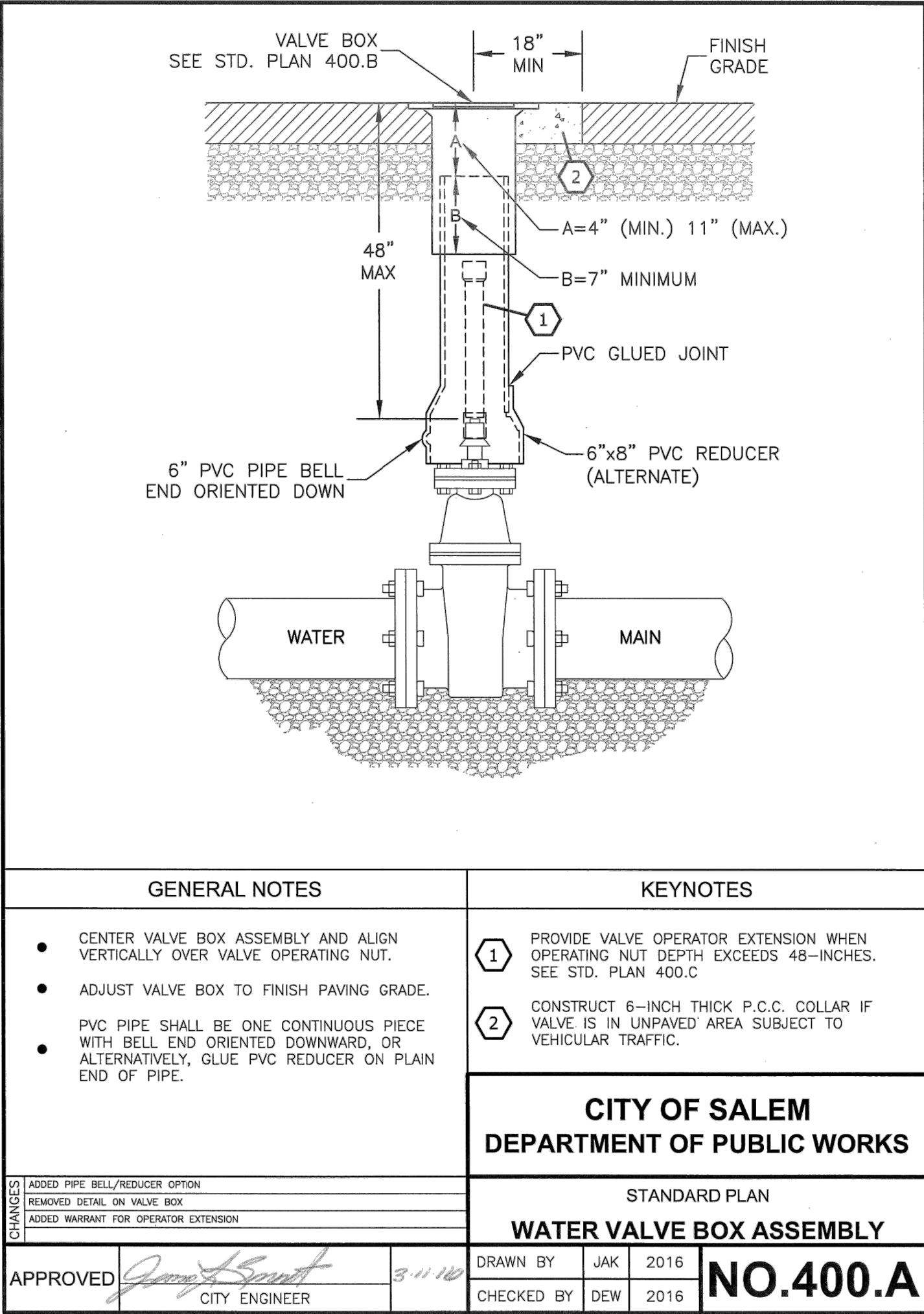
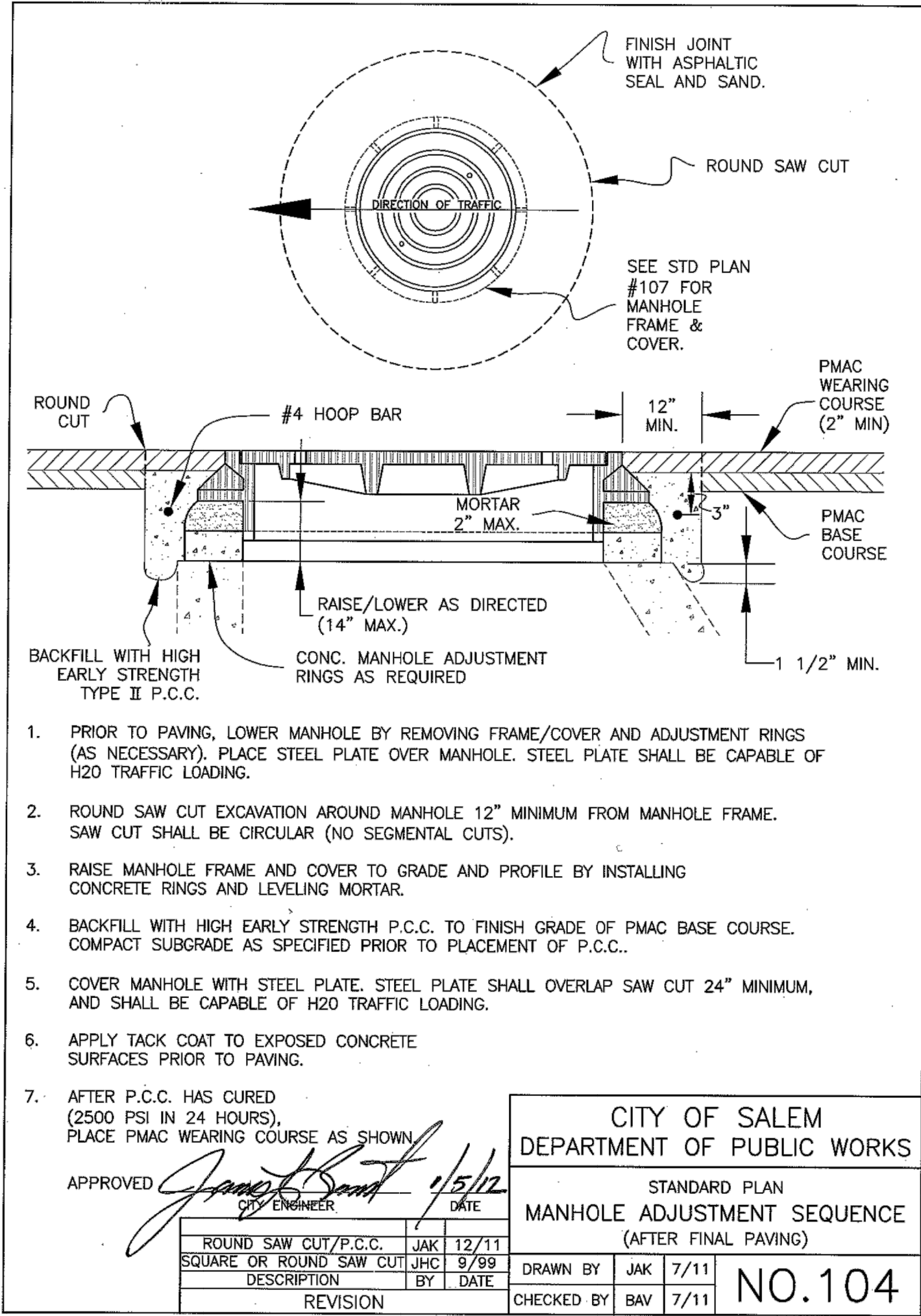
ELEMENTARY SCHOOL

4000 DEERHAVEN DR. NE SALEM, OR

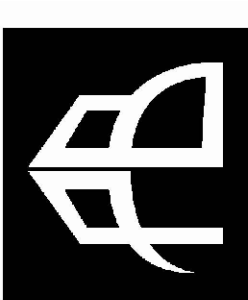


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CHECKED BY:	GL
DATE:	10/1/2021
TITLE:	CIVIL DETAILS
SCALE:	SEE SHEET

SHEET NO:
C-5.6
OF 26



REV.	DATE	DESCRIPTION
1	03 DEC 2021	BUILDING CODE REVISIONS - 12.03.2021



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PAUL L BENTLEY Architect A.I.A. P.C.

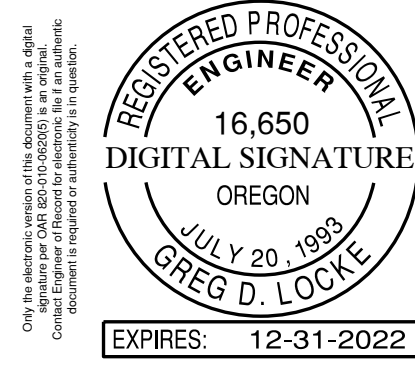
Locke ENGINEERS CIVIL & STRUCTURAL
289 E Ellendale Ave., Suite 703
Dallas, Oregon 97338
503.364.8207 LockeEngineers.com
J.O. 17061-S

PERMIT SET

A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @

HALLMAN
ELEMENTARY SCHOOL

SALEM, OR
4000 DEERHAVEN DR. NE



DRAWN BY:	SC
CHECKED BY:	GL
DATE:	10/1/2021
TITLE:	SALEM STANDARD DETAILS
SCALE:	SEE SHEET

SHEET NO:
C-6.1
OF 26

EROSION AND SEDIMENT CONTROL PLAN (ESCP)

HALLMAN ELEMENTARY SCHOOL

REV.	DATE	DESCRIPTION
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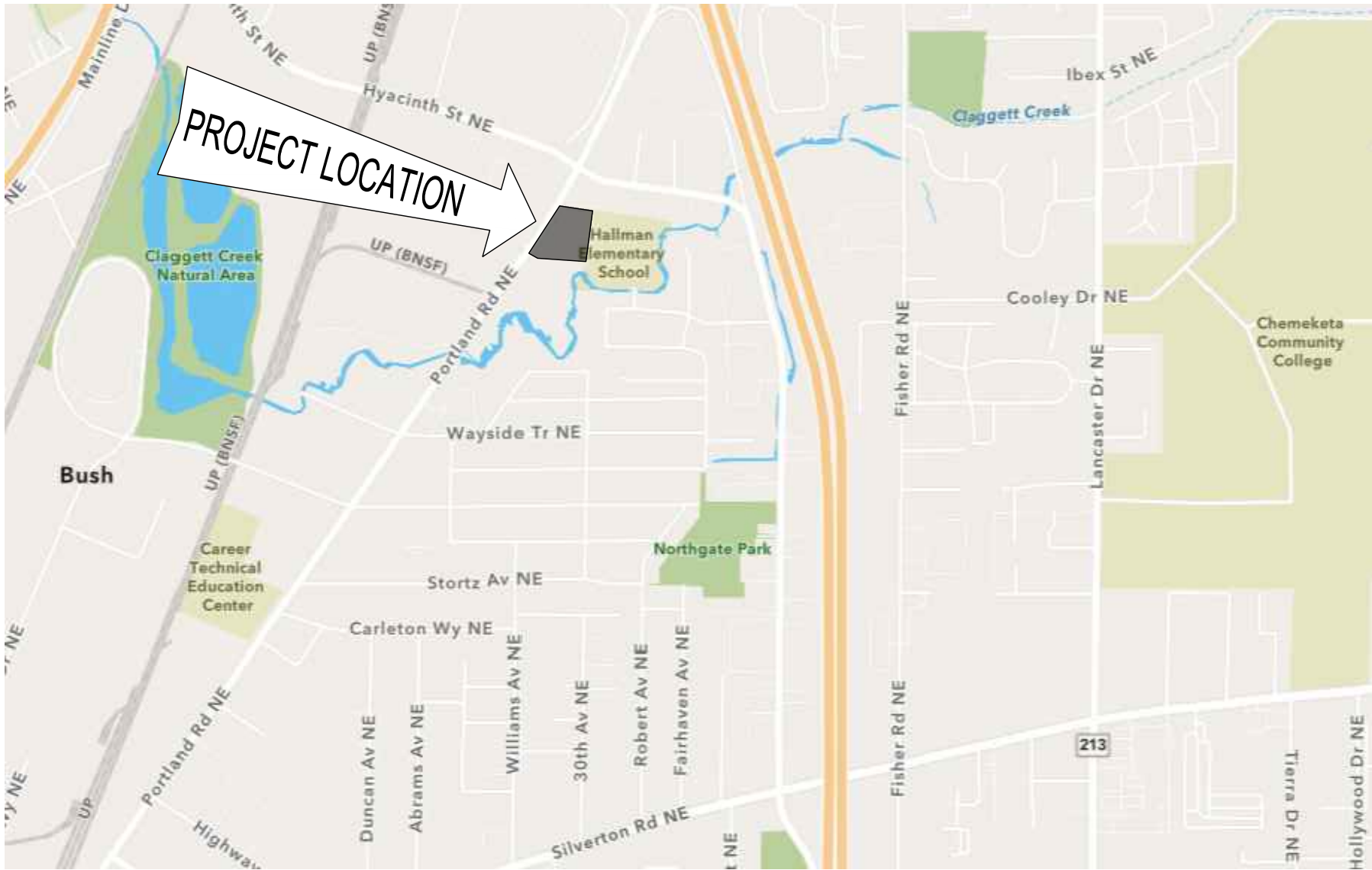
CIVIL LEGEND

SYMBOLS	PROPOSED	ABBREVIATIONS
DRAWING NAME	WATER METER	MATERIAL
SCALE	BACKFLOW ASSEMBLY VAULT	AC DUCTILE IRON
NORTH ARROW	CATCH BASIN	PVC POLYVINYL CHLORIDE
SCALE BAR	SANITARY SEWER MANHOLE	CHDPE HIGH DENSITY POLYETHYLENE
KEYED CONSTRUCTION NOTE	STORM DRAIN MANHOLE	CDB CONTROLLED DENSITY BACKFILL
WORKPOINT	JUNCTION BOX	C, CONC CONCRETE
REVISION CLOUD & NUMBER	FIRE HYDRANT	CI CAST IRON
3" W PROPOSED UTILITY LINE	BLOW-OFF ASSEMBLY	GR GRAVEL
8" SD EXISTING UTILITY LINE	VALVE	RT REINFORCED TURF
X 8" SD X EXISTING UTILITY LINE TO BE REMOVED	THRUST BLOCK	UTILITY
FLOW DIRECTION	CLEAN OUT	SS SANITARY SEWER
PIPE DIAMETER	UTILITY POLE	SD STORM DRAIN
UTILITY TYPE	TRANSFORMER	JB JUNCTION BOX
8" SS 100 LF PVC S=0.02 SLOPE	TELEPHONE PEDESTAL	CO CLEAN OUT
LENGTH	PROPOSED GRADE	GAS GAS
PROPERTY LINE	EXISTING GRADE	W WATER
CENTER LINE	SIGN & POST	UPWR UNDER GROUND POWER
168 EXISTING CONTOUR LINE	SLOPE ARROW FROM HIGH TO LOW	OH PWR OVER HEAD POWER
168 PROPOSED CONTOUR LINE	DITCH OR SWALE FLOW LINE	TEL TELECOMMUNICATIONS
CONCRETE CURB	LANDSCAPING BY OTHERS	FDC FIRE DEPARTMENT CONNECTION
PROPOSED FENCE	EXISTING ASPHALT PAVING	FD FOOTING DRAIN
SEDIMENT FENCE	PROPOSED ASPHALT PAVING	FO FIBER OPTICS
COMPOST FILTER BERM OR WATTLE	EXISTING CONCRETE PAVING	OH OVERHEAD
EASEMENT LINE	PROPOSED CONCRETE PAVING	PWDS PUBLIC WORKS DESIGN STANDARDS
PROPOSED BUILDING	PROPOSED LANDSCAPE AREA	UPC UNIFORM PLUMBING CODE
EXISTING BUILDING		FRAN FRANCHISE UTILITIES
EXISTING BUILDING TO BE REMOVED		GENERAL
PROPOSED SIDEWALK		ASSY ASSEMBLY
POND FLOW LINE		BO BLOW OFF

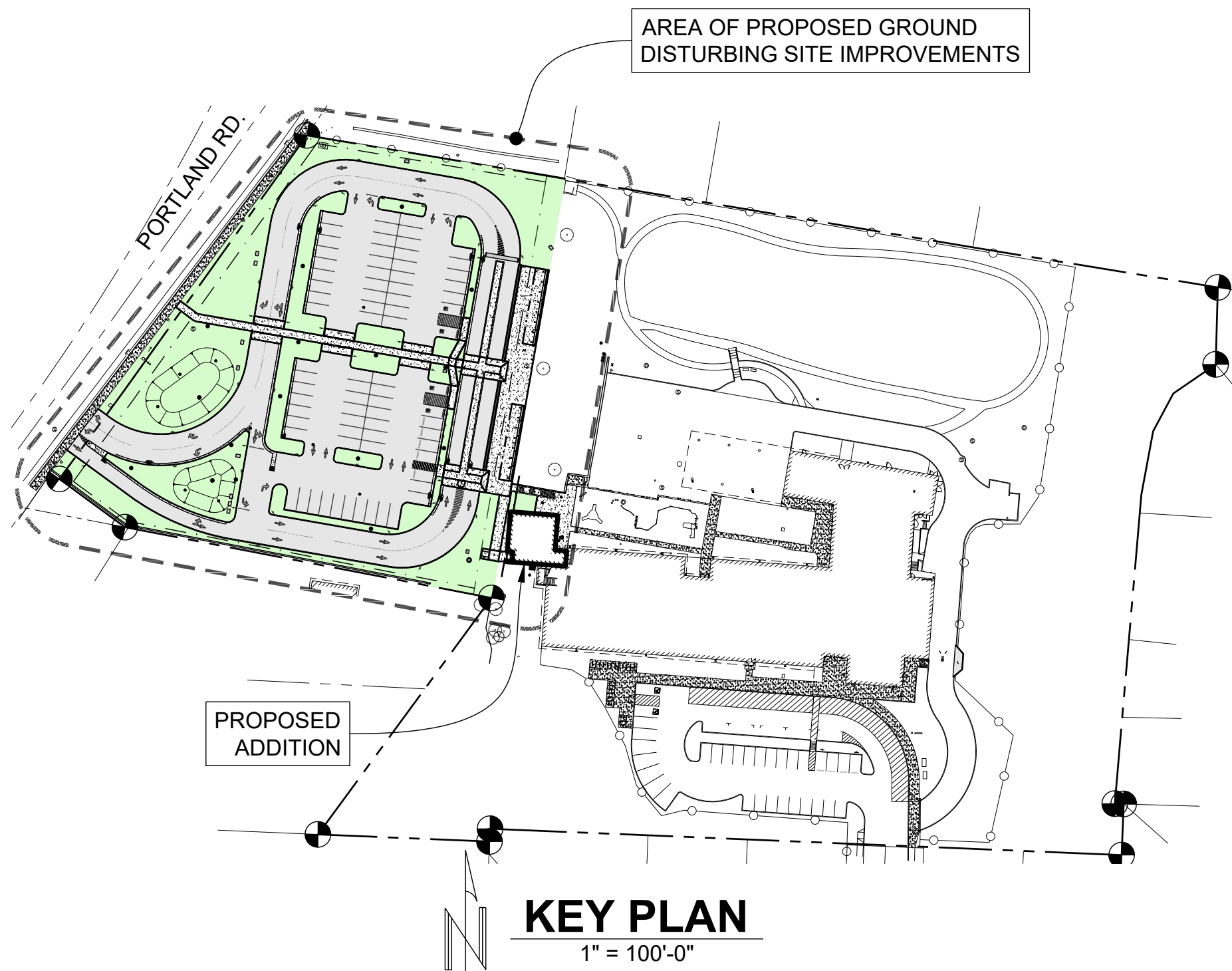
EXISTING CONDITIONS LEGEND

EXISTING	EXISTING	EXISTING
RIGHT-OF-WAY LINE	DECIDUOUS TREE	STORM DRAIN CLEAN OUT
BOUNDARY LINE	CONIFEROUS TREE	STORM DRAIN CATCH BASIN
PROPERTY LINE	FIRE HYDRANT	STORM DRAIN AREA DRAIN
CENTERLINE	WATER BLOWOFF	STORM DRAIN MANHOLE
DITCH	WATER METER	STORM DRAIN DOWNSPOUT
CURB	WATER VALVE	GAS METER
EDGE OF PAVEMENT	WATER VAULT	GAS VALVE
EASEMENT	WATER IRRIGATION VALVE	GUY WIRE ANCHOR
FENCE LINE	DOUBLE CHECK VALVE	UTILITY POLE
GRAVEL EDGE	AIR RELEASE VALVE	TRAFFIC SIGNAL POLE
PWR POWER LINE	SANITARY SEWER CLEAN OUT	POWER VAULT
OHW OVERHEAD WIRE	SANITARY SEWER MANHOLE	POWER JUNCTION BOX
COM COMMUNICATIONS LINE	SIGN	POWER PEDESTAL
FIBER OPTIC LINE	STREET LIGHT	COMMUNICATIONS VAULT
GAS GAS LINE	MAILBOX	COMMUNICATIONS JUNCTION BOX
STM STORM DRAIN LINE		COMMUNICATIONS RISER
SAN SANITARY SEWER LINE		
WAT WATER LINE		

VICINITY MAP



KEY PLAN



PROJECT DATA

PROPERTY OWNER SALEM-KEIZER PUBLIC SCHOOL CONTACT: JOEL SMALLWOOD MANAGER OF MAINTENANCE & CONSTRUCTION SERVICES PHONE: (503)-399-3095 EMAIL: SMALLWOOD_JOEL@SALKEIZ.K12.OR.US	ESCP PREPARER LOCKE ENGINEERS, INC. CONTACT: GREG LOCKE, PE, CESCL ID#: 81806 PRINCIPAL PHONE: (503)-3364-8207 EMAIL: GREG@LOCKENGINEERS.COM
--	--

PROPERTY DESCRIPTION
TAX LOT 3200 (2.07 ACRES) - PROPOSED PARKING LOT SITE AND
TAX LOT 3201 (5.87 ACRES) - EXISTING SCHOOL SITE WITH PROPOSED ADDITION
WITHIN SECTION 12AC OF TOWNSHIP 7 SOUTH, RANGE 3 WEST
WILLAMETTE MERIDIAN, MARION COUNTY, OREGON
TOTAL SITE AREA = 7.94 ACRES
TOTAL DISTURBED AREA = 2.2 ACRES

JURISDICTION
CITY OF SALEM

SHEET INDEX

EROSION & SEDIMENT CONTROL PLANS (ESCP)	
EC-0.1	ECSP COVER PAGE
EC-0.2	ECSP NOTES
EC-1.1	ECSP EXISTING CONDITIONS
EC-1.2	ECSP DEMO, CLEARING & MASS GRADING PHASE
EC-1.3	ECSP PAVEMENT AND UTILITY PHASE
EC-1.4	ECSP LANDSCAPING & FINAL STABILIZATION PHASE
EC-5.1	ECSP DETAILS

ESCP NARRATIVE

EXISTING SITE CONDITIONS:
EXISTING ELEMENTARY SCHOOL ON THE EAST HALF OF THE SITE TO WHICH A SMALL CLASSROOM ADDITION WILL BE CONSTRUCTED.

UNDEVELOPED GROUND ON THE WEST HALF OF THE SITE UPON WHICH A NEW PARKING LOT WILL BE CONSTRUCTED.

PROPOSED CONDITIONS:
CONSTRUCTION OF A TWO STORY, TWO CLASSROOM ADDITION TO THE WEST END OF THE EXISTING SCHOOL BUILDING AND MINOR SITE IMPROVEMENTS DIRECTLY ADJACENT TO THE ADDITION INCLUDING STAIR ACCESS TO THE NEW PARKING LOT AND PERIMETER LANDSCAPING.

CONSTRUCTION OF A DRIVEWAY OFF AN EXISTING DRIVEWAY DROP WITH PERIMETER VEHICLE DRIVE LOOP AND A NEW PARKING LOT WITH FULL LANDSCAPE & IRRIGATION.

NATURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIMELINES:
SPRING 2022 - FALL 2022

MAJORITY OF SITE SOILS - 8" TO 10" OF TOPSOIL, UNDERLAIN BY 20" TO 40" OF UNDOCUMENTED SAND/GRAVEL FILL UNDERLAIN BY SILT WITH SAND NATIVE SOILS.

RECEIVING BODY OF WATER - EXISTING PRIVATE STORM SEWER SYSTEM OUTLETTING TO CLAGGETT CREEK ROUGHLY 80' TO THE SOUTH.

PERMITTEE'S SITE INSPECTOR: - GREG LOCKE, PE, CERTIFIED EROSION AND SEDIMENT CONTROL LEAD ID#: 81806, EXPIRES 8/2/2022

CONTRACTOR'S EROSION CONTROL REQUIREMENTS

FOR ANY PROJECT THAT REQUIRES A 1200C PERMIT, AS PART OF THE CONTRACT BID THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING A CERTIFIED EROSION AND SEDIMENT CONTROL INSPECTOR FOR ALL 1200C INSPECTIONS, INSPECTION LOGS AND MAINTENANCE IN ACCORDANCE WITH DEQ 1200C PERMIT REQUIREMENTS. ALL DOCUMENTS REQUIRED BY DEQ TO FACILITY PERMIT TRANSFER TO THE GENERAL CONTRACTOR AND THEIR EROSION AND SEDIMENT CONTROL INSPECTOR MUST BE SUBMITTED AND APPROVED BY DEQ PRIOR TO THE CONSTRUCTION STARTING.

PRIOR TO ISSUANCE OF NOTICE TO PROCEED, CONTRACTOR SHALL:

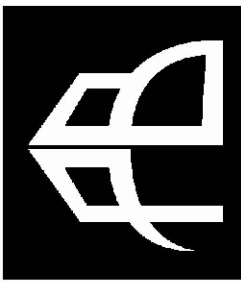
1. PROVIDE THE NAME OF THEIR OWN CERTIFIED EROSION AND SEDIMENT CONTROL SITE INSPECTOR WHICH WILL REPLACE THAT CURRENTLY SHOWN ON THE PLANS.
2. PROVIDE A COMPLETED AND SIGNED DEQ 1200C PERMIT TRANSFER FORM NAMING CONTRACTOR AS LEGALLY RESPONSIBLE 1200C PERMITTEE.

PRIOR TO START OF ANY GROUND DISTURBING ACTIVITY, CONTRACTOR SHALL:

1. MEET ALL REQUIREMENTS OF THE APPROVED 1200C PERMIT.
2. PROVIDE ANY ADDITIONAL BMP'S RECOMMENDED OR DEEMED NECESSARY BY THEIR OWN CERTIFIED EROSION AND SEDIMENT CONTROL SITE INSPECTOR.

DURING ENTIRE DURATION OF CONSTRUCTION, CONTRACTOR SHALL:

1. PROVIDE ONGOING MAINTENANCE OR ENHANCEMENTS OF THE BMP'S REQUIRED BY THEIR OWN CERTIFIED EROSION AND SEDIMENT CONTROL SITE INSPECTOR.
2. PERFORM INSPECTIONS AND PREPARE INSPECTION LOGS IN ACCORDANCE WITH DEQ 1200C PERMIT REQUIREMENTS.



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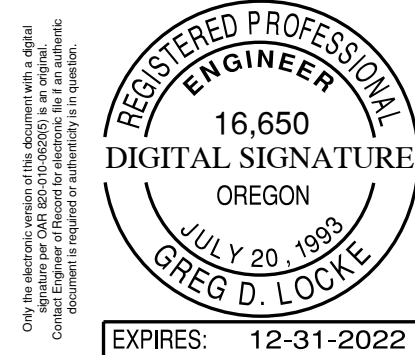
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A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @

HALLMAN
ELEMENTARY SCHOOL

4000 DEERHAVEN DR. NE
SALEM, OR



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BMP MATRIX FOR CONSTRUCTION PHASE					
CONSTRUCTION PERIOD	April 2022 through Sept 2022				
	PHASE OF CONSTRUCTION				
BMP'S	CLEARING	MASS GRADING	PAVEMENT & UTILITY CONST.	VERTICAL CONST.	LANDSCAPE & FINAL STABILIZATION
RUNOFF CONTROLS					
New Outlet Protection			X		
Existing Inlet Protection	X	X	X		
Energy Dissipaters			X		
EROSION PREVENTION					
Dust Control	X	X			
Plastic Sheeting			X	X	
Preserve Existing Vegetation	X	X	X		
Protection of trees with construction fences	X	X			
Temporary Seeding and Planting		X	X		
Permanent Seeding and Planting					X
Mulching (compost or straw with tackifier)		X	X	X	
Compost Blankets		X	X		
Erosion Control Blankets and Geotextile Mats		X	X		
SEDIMENT CONTROL					
Gravel Construction Entrance	X	X	X		
New Inlet Protection	X	X	X		
Sediment Fencing (Perimeter)	X	X	X	X	
Sediment Fencing (Interior)			X		
Compost Berm/Compost Sock			X		
Fiber Rolls/Straw Wattles	X	X	X		
Rock Outlet Protection			X	X	
Sediment Trap		X	X		
POLLUTION PREVENTION					
Concrete Management			X	X	
Paving Operations Controls			X		
Dewatering and Ponded Water Management		X	X	X	
BMPs to Prevent Illicit Connection			X	X	
BMPs to Prevent Illegal Discharge		X	X		
A comprehensive list of available Best Management Practices (BMP) options based on DEQ's 1200-C Permit Application and ESCP Guidance Document has been reviewed to complete this Erosion and Sediment Control Plan. Some of the above listed BMPs 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 ESCP, an Action Plan will be submitted.					

INSPECTION FREQUENCY:		
	SITE CONDITION	MINIMUM FREQUENCY
1. 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 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING.
2. 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.
3. 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.
4. 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.
5. 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.

DEQ STANDARD EROSION AND SEDIMENT CONTROL PLAN DRAWING NOTES:

- 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 (SEE SECTION 4.10), AS WELL AS THEIR INDIVIDUAL RESPONSIBILITIES. (SECTION 4.4.C.II)
- VISUAL MONITORING INSPECTION REPORTS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS. (SECTION 6.5)
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. (SECTION 6.5.O)
- 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)
- THE PERMIT REGISTRANT MUST IMPLEMENT THE ESCP. 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)
- THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS. (SECTION 4.8)
- SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT WITHIN 10 DAYS. (SECTION 4.9)
- SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SECTION 2.2.2)
- CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM BYPASSING CONTROLS AND PONDING. (SECTION 2.2.3)
- 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 AREAS. (SECTION 2.2.1)
- PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (SECTION 2.2.5)
- MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITHIN THE 50-FEET OF WATERS OF THE STATE. (SECTION 2.2.4)
- INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AS WELL AS ALL SEDIMENT BASINS, TRAPS, AND BARRIERS PRIOR TO LAND DISTURBANCE. (SECTIONS 2.1.3)
- CONTROL BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM CHANNELS AND STREAMBANKS. (SECTIONS 2.1.1. AND 2.2.16)
- 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)
- ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SECTION 2.2.14)
- APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATIONS 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)
- ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SECTION 2.3.7)
- 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)
- PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPs SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMPs MUST BE IN PLACE PRIOR TO LAND- DISTURBING ACTIVITIES. (SECTION 2.2.7)
- WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SECTION 2.2.7.F)
- CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE, I.E., CONCRETE WASH-OUT, WASTEWATER FROM CLEANOUT OF STUCCO, PAINT AND CURING COMPOUNDS. (SECTIONS 1.5 AND 2.3.9)
- ENSURE THAT STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES ARE NOT OCCURRING ARE NOT DISTURBED. (SECTION 2.2.10)
- PREVENT SOIL COMPACTION IN AREAS WHERE POST-CONSTRUCTION INFILTRATION FACILITIES ARE TO BE INSTALLED. (SECTION 2.2.12)
- USE BMPs 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)
- PROVIDE PLANS FOR SEDIMENTATION BASINS THAT HAVE BEEN DESIGNED PER SECTION 2.2.17 AND STAMPED BY AN OREGON PROFESSIONAL ENGINEER. (SEE SECTION 2.2.17.A)
- IF ENGINEERED SOILS ARE USED ON SITE, A SEDIMENTATION BASIN/IMPOUNDMENT MUST BE INSTALLED. (SEE SECTIONS 2.2.17 AND 2.2.18)
- PROVIDE A DEWATERING PLAN FOR ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE DUE TO SHALLOW EXCAVATION ACTIVITIES. (SEE SECTION 2.4)
- IMPLEMENT THE FOLLOWING BMPs 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)
- USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SECTION 2.2.9)
- THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH 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)

CITY OF SALEM STANDARD EROSION AND SEDIMENT CONTROL NOTES

(Per City of Salem Department of Public Works Administrative Rules 7A.1--Standard Notes)

(a) Pre-Construction

- Prior to any land disturbing activities, the boundaries of the clearing and grading limits, vegetated buffers, and any sensitive areas shown on this plan shall be clearly delineated in the field. Unless otherwise approved, no disturbance is permitted beyond the clearing limits. The Contractor must maintain the delineation for the duration of the project. Note: vegetated corridors to be delineated with orange construction fence or approved equal.
- BMPs that must be installed prior to land disturbing activities are construction entrance, perimeter sediment control, and inlet protection.
- Hold a pre-construction conference to review the EPSCP and with the City's Project Manager and Inspector.

(a) Construction

- All sediment is required to stay on site. Sediment amounts greater than 1/2 cubic foot which leave the site must be cleaned up within 24 hours and placed back on the site and stabilized or properly disposed. Vacuuming or dry sweeping must be used to clean up released sediment and it must not be swept or washed into storm sewers, drainage ways, or water bodies. The cause of the sediment release must be found and prevented from causing a recurrence of the discharge within the same 24 hours. Any in-stream clean up of sediment shall be performed according to the DSL required time frame.
- Construction, maintenance, replacement, and upgrading of erosion prevention and sediment control facilities is the sole responsibility of the Contractor until all construction is completed, approved, and permanent erosion control (i.e., vegetation/landscaping) is established on all disturbed areas.
- All recommended erosion prevention and sediment control procedures are dependent on construction methods, staging, site conditions, weather, and scheduling. During the construction period, erosion control facilities shall be revised, upgraded, replaced, or added, to comply with SRC and State and Federal regulatory requirements.
- The Contractor is solely responsible for protection of all adjacent property and downstream facilities from erosion and siltation during project construction. Any damage resulting from such erosion and siltation shall be corrected at the sole expense of the Contractor.
- When saturated soil is present, water-tight trucks must be used to transport saturated soils from the construction site. Soil may be drained on site at a designated location, using appropriate BMPs. Soil must be drained sufficiently to drip less than one gallon per hour prior to leaving the site.
- All materials spilled, dropped, or washed into storm drains must be removed immediately, and the Contractor shall provide protection of downstream inlets and catch basins to ensure sediment-laden water does not enter the storm drain system.
- All discharge of sediment-laden water must be treated with an appropriate BMP to remove sediment from discharge waters and to comply with SRC and State and Federal Regulatory Permits.
- In areas subject to wind erosion, appropriate BMPs must be used which may include the application of fine water spraying, plastic sheeting, mulching, or other approved measures.
- The EPSC measures and BMPs shown on this plan are the minimum requirements for anticipated site conditions. During the construction period, these measures shall be upgraded as needed to maintain compliance with all regulations.
- The Contractor shall provide onsite water or other appropriate BMPs to prevent dust and wind erosion of fine grain soils.
- Disturbed areas must be stabilized after 14 days of inactivity, or immediately if rain is forecasted. See Subsection 7A.1.(d)—Wet Weather Period.
- During the wet weather work period or when rain is forecasted, all active and inactive soil stock piles must be covered with appropriate plastic sheeting. Plastic sheeting must cover the entire stock pile and be sufficiently anchored.

(a) Pollutants, Solid Waste and Hazardous Materials Management

- Any use of toxic or other hazardous materials must include proper storage, application, and disposal.
- The contractor is solely responsible to properly manage pollutants, hazardous wastes, used oils, contaminated soils, concrete waste, sanitary waste, liquid waste, or other toxic substances discovered or generated during construction to prevent leakage, spills or release of pollutants to the environment and surface waters.
- Contractor shall develop a project specific written spill prevention and response procedures that includes employee training on spill prevention and proper disposal procedures; regular maintenance schedule for vehicles and machinery; and material delivery and storage controls, signage, material use, and use of covered storage areas for waste and supplies. The plan shall comply with SRC and Federal and State requirements, and shall be available on site at all times.

(a) Wet Weather Period (October 15 through April 30)

- Construction activities must avoid or minimize the duration of disturbed areas.
- Temporary stabilization of the site including covering of bare soils with approved BMPs, must be installed at the end of the shift before a holiday or weekend, or at the end of each workday if rainfall is forecast in the next 24 hours.
- Temporary stabilization or covering of soil stockpiles and protection of stockpiles located away from construction activity must occur at the end of each workday.

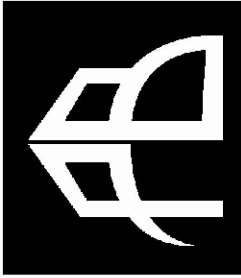
(a) Maintenance

- Erosion control measures shall be maintained in such a manner as to ensure that erosion is prevented and sediment-laden water does not enter a drainage system, roadway, or violate applicable water quality standards.
- Sediment shall not be washed or swept into storm sewers, drainage ways, or water bodies.
- Sediment must be removed from behind all sediment control measures when it has reached a height of 1/2 the barrier height, and prior to the control measures removal.
- Removal of trapped sediment in a sediment basin or sediment trap or catch basins must occur when the sediment retention capacity has been reduced by 50 percent; is not functioning properly and/or at the completion of project.
- Cleaning of all structures, inlet protection BMPs, and sump pumps must be completed regularly and as required to ensure structures and inlets function properly and flow freely.
- Construction site exits shall be maintained in a condition that will prevent tracking or flow of mud onto the ROW or approved access point. The entrance may require periodic top dressing as conditions demand, and repair and/or cleanout of any structures used to trap sediment. Wheel washing shall be required to prevent sediment and material tracking on road surfaces if passive BMPs are not effective.

(a) Inspection

- The EPSCP must be kept onsite at all times. All measures shown on the plan must be installed properly to ensure compliance with SRC and State and Regulatory permits, and that sediment does not enter a surface water system, roadway, or other properties.
- Written EPSC inspection logs shall be maintained onsite and available to City inspectors upon request.
- All BMPs shall be inspected at least every week. When a rainfall event exceeds 1/2" in a 24-hour period, daily inspection of the erosion controls, sediment controls, and discharge outfalls must be conducted and documented. Inspections shall be done by a representative of the permit registrant who is knowledgeable and experienced in the principles, practices, installation, and maintenance of erosion and sediment controls.

- 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 BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (SECTION 1.2.9)
- TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (SECTION 2.2)
- AS NEEDED BASED ON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPs MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (SECTION 2.2.8)
- SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (SECTION 2.1.5.B)
- 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)
- 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)
- 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 A RECURRENCE 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)
- 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)
- 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.)
- 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)
- 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)



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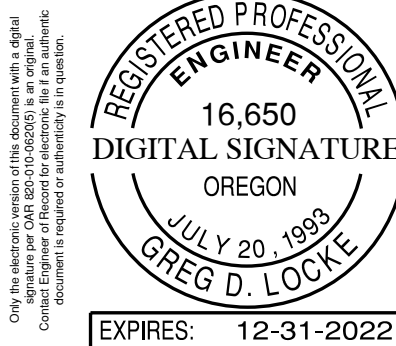
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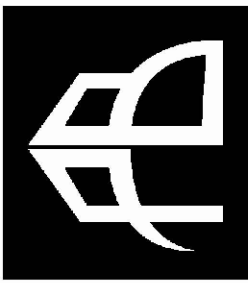
A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @
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4000 DEERHAVEN DR. NE
SALEM, OR



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PERMIT SET

A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @

HALLMAN
ELEMENTARY SCHOOL

4000 DEERHAVEN DR. NE
SALEM, OR



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KEYED EROSION & SEDIMENT CONTROL NOTES (##):

GENERAL

THESE EROSION AND SEDIMENT CONTROL PLANS ASSUME "DRY WEATHER" CONSTRUCTION. IMPLEMENTATION OF "WET WEATHER" CONSTRUCTION MEASURES ARE REQUIRED BETWEEN OCTOBER 1 AND MAY 31. IN ADDITION TO MINIMUM SPECIFIC BMP'S IDENTIFIED IN THESE KEYED NOTES, CONTRACTOR AND HIS SITE INSPECTOR ARE RESPONSIBLE TO FOLLOW ALL REQUIREMENTS OF THE "STANDARD EROSION AND SEDIMENT CONTROL NOTES", AND TO ADD TO THE BMP'S NOTED HERE AS NEEDED TO ENSURE THE INTEGRITY OF THE SYSTEM.

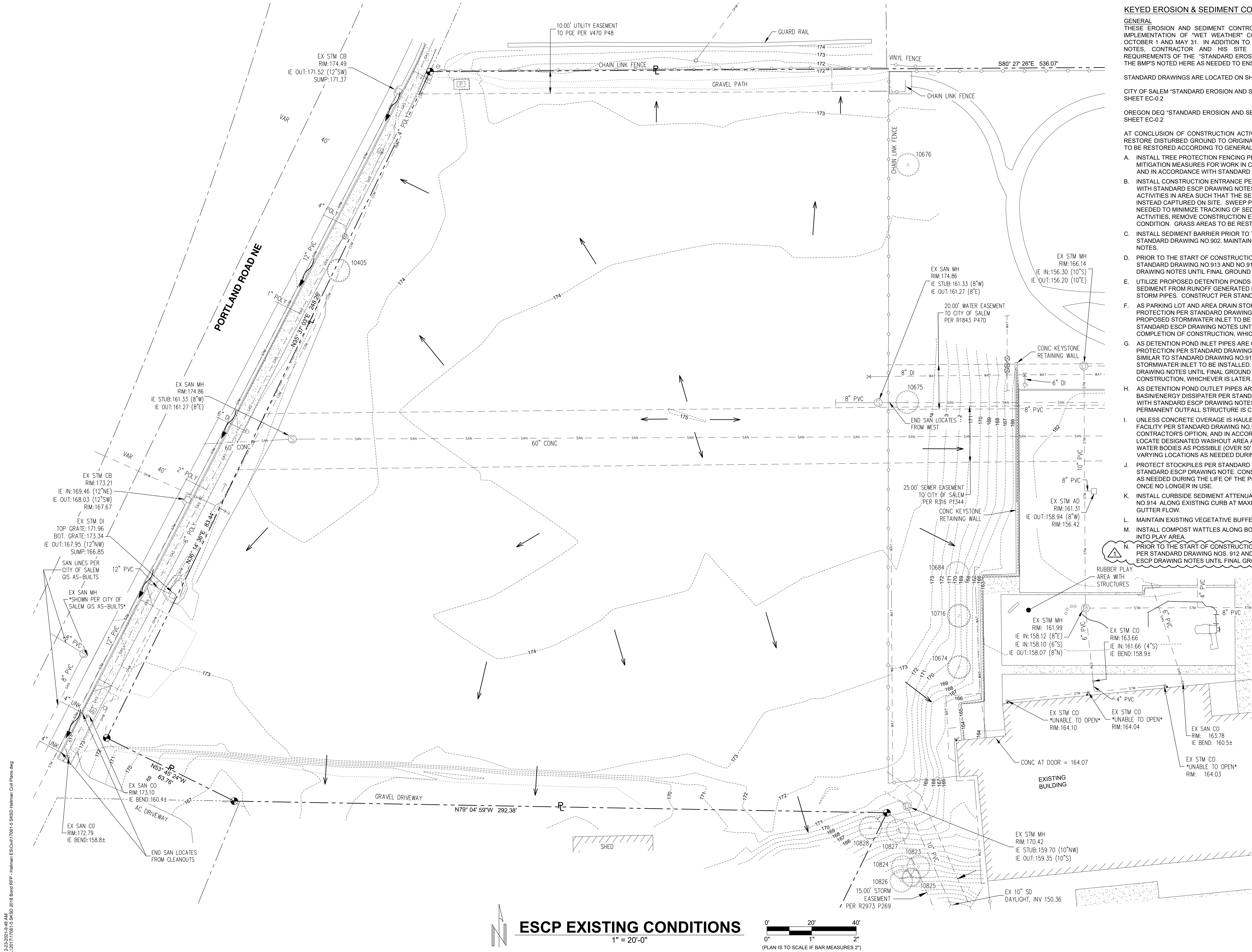
STANDARD DRAWINGS ARE LOCATED ON SHEET EC-5.1

CITY OF SALEM "STANDARD EROSION AND SEDIMENT CONTROL NOTES" ARE LOCATED ON SHEET EC-0.2

OREGON DEQ "STANDARD EROSION AND SEDIMENT CONTROL DRAWING NOTES" ARE LOCATED ON SHEET EC-0.2

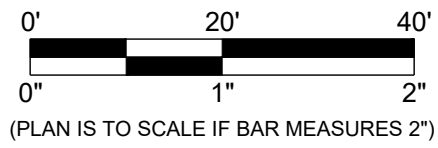
AT CONCLUSION OF CONSTRUCTION ACTIVITIES, REMOVE ALL ESCP FEATURES INCLUDING AND RESTORE DISTURBED GROUND TO ORIGINAL SURFACE CONDITION AND MATERIAL. GRASS AREAS TO BE RESTORED ACCORDING TO GENERAL SEEDING NOTES.

- INSTALL TREE PROTECTION FENCING PER STANDARD DRAWING NO.820 AND IMPLEMENT MITIGATION MEASURES FOR WORK IN CRITICAL TREE AREAS PER STANDARD DRAWING NO.821, AND IN ACCORDANCE WITH STANDARD ESCP DRAWING NOTES.
- INSTALL CONSTRUCTION ENTRANCE PER STANDARD DRAWING NO.901, AND IN ACCORDANCE WITH STANDARD ESCP DRAWING NOTES. PERFORM ALL REQUIRED WHEEL CLEANING ACTIVITIES IN AREA SUCH THAT THE SEDIMENT DOES NOT ENTER THE RIGHT-OF-WAY BUT IS INSTEAD CAPTURED ON SITE. SWEEP PAVED PORTION OF CONSTRUCTION SITE ENTRANCE AS NEEDED TO MINIMIZE TRACKING OF SEDIMENT OFF SITE. AT CONCLUSION OF CONSTRUCTION ACTIVITIES, REMOVE CONSTRUCTION ENTRANCE AND RESTORE TO ORIGINAL SURFACE CONDITION. GRASS AREAS TO BE RESTORED ACCORDING TO GENERAL SEEDING NOTES.
- INSTALL SEDIMENT BARRIER PRIOR TO THE START OF CONSTRUCTION. SILT FENCE PER STANDARD DRAWING NO.902. MAINTAIN IN ACCORDANCE WITH STANDARD ESCP DRAWING NOTES.
- PRIOR TO THE START OF CONSTRUCTION, PROTECT EXISTING STORMWATER INLETS PER STANDARD DRAWING NO.913 AND NO.914. MAINTAIN IN ACCORDANCE WITH STANDARD ESCP DRAWING NOTES UNTIL FINAL GROUND COVER IS ESTABLISHED OR INLET IS REMOVED.
- UTILIZE PROPOSED DETENTION PONDS AS TEMPORARY SEDIMENT PONDS TO REMOVE SEDIMENT FROM RUNOFF GENERATED BY DISTURBED AREAS OF SITE AND CONVEYED BY STORM PIPES. CONSTRUCT PER STANDARD DRAWING NO.910.
- AS PARKING LOT AND AREA DRAIN STORMWATER INLETS ARE CONSTRUCTED INSTALL INLET PROTECTION PER STANDARD DRAWING NO.913. SEE UTILITY PLAN FOR LOCATION OF PROPOSED STORMWATER INLET TO BE INSTALLED. MAINTAIN IN ACCORDANCE WITH STANDARD ESCP DRAWING NOTES UNTIL FINAL GROUND COVER IS ESTABLISHED OR THE COMPLETION OF CONSTRUCTION, WHICHEVER IS LATER.
- AS DETENTION POND INLET PIPES ARE CONSTRUCTED, INSTALL BIOFILTER BAG INLET PROTECTION PER STANDARD DRAWING NO.914 ENCLOSED BY FILTER FABRIC INLET BARRIER SIMILAR TO STANDARD DRAWING NO.912. SEE UTILITY PLAN FOR LOCATION OF PROPOSED STORMWATER INLET TO BE INSTALLED. MAINTAIN IN ACCORDANCE WITH STANDARD ESCP DRAWING NOTES UNTIL FINAL GROUND COVER IS ESTABLISHED OR THE COMPLETION OF CONSTRUCTION, WHICHEVER IS LATER.
- AS DETENTION POND OUTLET PIPES ARE CONSTRUCTED, INSTALL TEMPORARY SCOUR BASIN/ENERGY DISSIPATER PER STANDARD DRAWING NO.1050. MAINTAIN IN ACCORDANCE WITH STANDARD ESCP DRAWING NOTES UNTIL FINAL GROUND COVER IS ESTABLISHED AND PERMANENT OUTFALL STRUCTURE IS CONSTRUCTED PER CIVIL PLANS.
- UNLESS CONCRETE OVERAGE IS HAULED OFF SITE, PROVIDE CONCRETE MANAGEMENT FACILITY PER STANDARD DRAWING NO.917 OR PORTABLE CONTAINMENT TANK AT CONTRACTOR'S OPTION, AND IN ACCORDANCE WITH STANDARD ESCP DRAWING NOTES. LOCATE DESIGNATED WASHOUT AREA AS FAR FROM STORM DRAINS, OPEN DITCHES OR WATER BODIES AS POSSIBLE (OVER 50' AWAY IS PREFERRED). MULTIPLE FACILITIES IN VARYING LOCATIONS AS NEEDED DURING THE LIFE OF THE PROJECT.
- PROTECT STOCKPILES PER STANDARD DRAWING NO.908 AND IN ACCORDANCE WITH STANDARD ESCP DRAWING NOTE. CONSTRUCT MULTIPLE FACILITIES IN VARYING LOCATIONS AS NEEDED DURING THE LIFE OF THE PROJECT. RE-ESTABLISH PERMANENT GROUND COVER ONCE NO LONGER IN USE.
- INSTALL CURBSIDE SEDIMENT ATTENUATORS (FILTRATION BIOBAGS) PER STANDARD DRAWING NO.914 ALONG EXISTING CURB AT MAXIMUM 20' O.C. OR AS NEEDED TO FILTER SEDIMENT IN GUTTER FLOW.
- MAINTAIN EXISTING VEGETATIVE BUFFER.
- INSTALL COMPOST WATTLES ALONG BOUNDARY OF WORK TO PREVENT FLOW OF SEDIMENT INTO PLAY AREA.
- PRIOR TO THE START OF CONSTRUCTION, PROTECT EXISTING PUBLIC STORMWATER INLETS PER STANDARD DRAWING NOS. 912 AND NO. 914. MAINTAIN IN ACCORDANCE WITH STANDARD ESCP DRAWING NOTES UNTIL FINAL GROUND COVER IS ESTABLISHED OR INLET IS REMOVED.



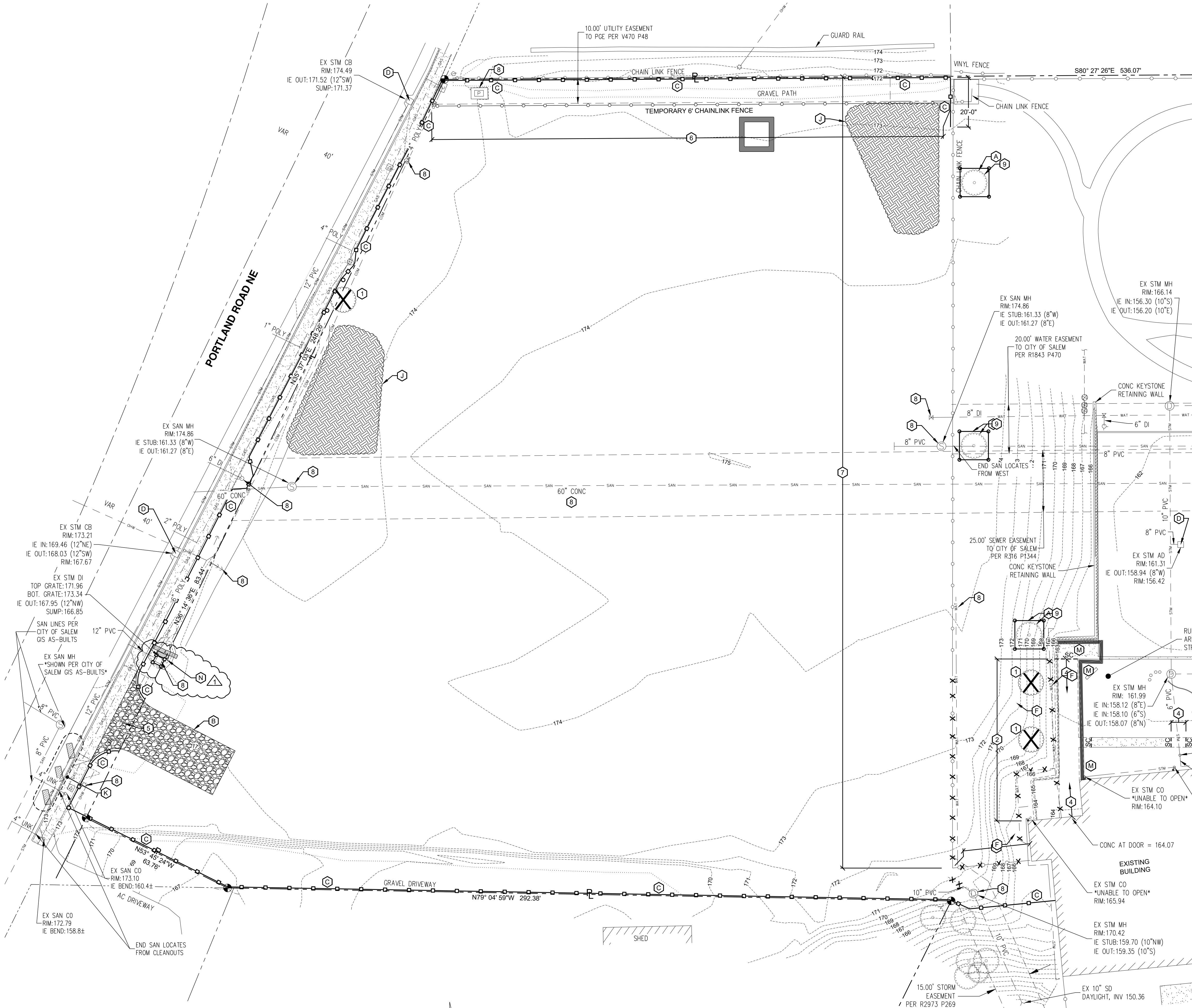
ESCP EXISTING CONDITIONS

1" = 20'-0"



TREE TABLE		
TREE NUMBER	TYPE	DBH (IN.)
10405	DECIDUOUS	13 16
10674	DECIDUOUS	6
10675	DECIDUOUS	6 10
10676	DECIDUOUS	8
10684	DECIDUOUS	10
10716	DECIDUOUS	7
10823	DECIDUOUS	18
10824	DECIDUOUS	17
10825	CONIFEROUS	38
10826	DECIDUOUS	10
10827	DECIDUOUS	10 16
10828	DECIDUOUS	12

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KEYED CIVIL DEMOLITION PLAN NOTES (##):

GENERAL
DEMOLITION NOTES SPECIFICALLY CALLED OUT ON PLAN ARE IN ADDITION TO ANY INCIDENTAL OR OTHER DEMOLITION NECESSARY TO PERFORM THE REQUIRED WORK. NOT ALL REQUIRED DEMOLITION WORK MAY HAVE BEEN IDENTIFIED. SEE DEMO PLANS OF ARCHITECT AND OTHER CONSULTANTS FOR OTHER ITEMS OF DEMOLITION NOT RELATED TO CIVIL DESIGN.

LOCATION OF SAWCUTS AND EXTENTS OF PAVEMENT REMOVAL IS SCHEMATIC AND NOT NECESSARILY THE FULL EXTENT NEEDED TO PERFORM THE WORK. CONTRACTOR IS RESPONSIBLE TO INCLUDE WITHIN HIS BID, THE EXTENTS HE FEELS IS NEEDED TO PROPERLY COMPLETE THE WORK.

PROTECT EXISTING PAVED DRIVEWAYS AND SIDEWALKS FROM DAMAGE FROM CONSTRUCTION OPERATION. CONTRACTOR SHALL REPAIR DAMAGED SURFACE SCHEDULED TO REMAIN AT THEIR OWN EXPENSE. PUBLIC SIDEWALKS, CURBS AND DRIVEWAY APPROACHES DAMAGED BY CONTRACTOR TO BE REPLACED ACCORDING TO CITY OF SALEM STANDARD DRAWINGS AND SPECIFICATIONS.

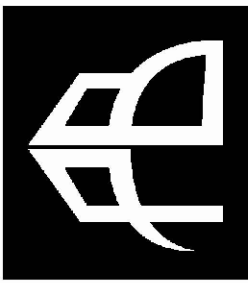
EXISTING UTILITIES ARE TO REMAIN FUNCTIONAL DURING ENTIRE PROJECT. LOCATIONS AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE AND BASED ON FIELD SURVEY, ARCHIVE PLANS AND AVAILABLE RECORDS. TAKE PRECAUTIONS TO LOCATE AND PROTECT UTILITIES AGAINST DAMAGE. IDENTIFY AND MARK LOCATION OF WATER SHUTOFF VALVES WITH OWNER PRIOR TO START OF EXCAVATION.

- REMOVE AND DISPOSE OF EXISTING TREE AND/OR STUMP. CLEAR AND GRUB ROOT BALL ACCORDING TO SPECIFICATIONS.
- REMOVE AND SALVAGE ON SITE, EXISTING SEGMENTAL RETAINING WALL BLOCKS FOR FUTURE REUSE. DISPOSE OF EXCESS BLOCKS. CONTRACTOR VERIFY EXTENTS OF REMOVAL NECESSARY.
- NOT USED.
- REMOVE EXISTING SIDEWALK FOR EXTENTS REQUIRED FOR INSTALLATION OF BUILDING, UTILITIES AND TIE-IN WITH NEW STAIRWAY. CUT SIDEWALK AT FIRST TOOLED JOINT BEYOND EXTENTS DEEMED NECESSARY BY CONTRACTOR. REPLACE ANY OTHER SECTIONS DAMAGED BY CONSTRUCTION OPERATION.
- REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT DRIVEWAY APPROACH.
- EXISTING GRAVEL PATH TO REMAIN DURING CONSTRUCTION. PROVIDE TEMPORARY 6\"/>
- REMOVE SECTION OF EXISTING FENCE FABRIC AND POSTS. SALVAGE FABRIC TO OWNER AND DISPOSE OF POSTS & FOOTING.
- PROJECT EXISTING UTILITY.
- PROTECT EXISTING TREE. SEE EROSION AND SEDIMENT CONTROL PLANS FOR TREE PROTECTION REQUIREMENTS.

SEE SHEET EC-1.1 FOR KEYED EROSION & SEDIMENT CONTROL NOTES SHOWN ON THIS PLAN.

DEMO, CLEARING & MASS GRADING PHASE INFORMATION AND NOTES

- EXISTING VEGETATION CONSISTS OF GRASS.
- EXISTING SOILS CONSIST OF TOPSOIL OVER UNDOCUMENTED GRAVEL/SAND FILL OVER NATIVE SILT WITH SAND.
- CUT AND FILL DATA:
 - STRIP: 2,800 CY.
 - CUT: 480 CY.
 - FILL: 2,700 CY.
- ONSITE FILL MATERIAL WILL BE NATIVE MATERIAL AND CRUSHED ROCK.
- PHASE SCHEDULE: MAY 2022 THRU JULY 2022
- STRAW MULCH WITH TACKIFIER, COMPOST MULCH OR HYDROSEED SHALL BE USED FOR TEMPORARY STABILIZATION OF EXPOSED SOILS AFTER EXCAVATION.



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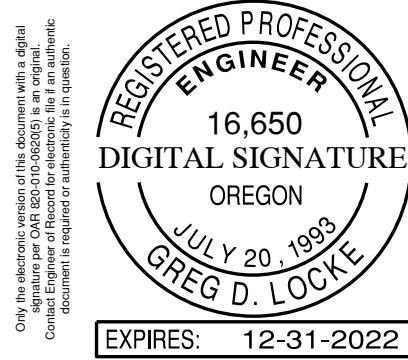
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A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @

HALLMAN
ELEMENTARY SCHOOL

4000 DEERHAVEN DR. NE
SALEM, OR



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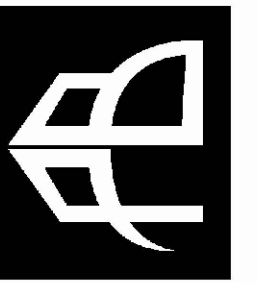
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EC-1.2
OF 26

REV.	DATE	DESCRIPTION
1	03 DEC 2021	BUILDING CODE REVISIONS - 12.03.2021

SEE SHEET EC-1.1 FOR KEYED EROSION & SEDIMENT CONTROL NOTES SHOWN ON THIS PLAN.

PAVEMENT & UTILITIES PHASE INFORMATION AND NOTES

1. PHASE SCHEDULE: JULY 2022 THRU AUGUST 2022
2. STRAW MULCH WITH TACKIFIER, COMPOST MULCH OR HYDROSEED SHALL BE USED FOR TEMPORARY STABILIZATION OF EXPOSED SOILS AFTER EXCAVATION (INCLUDING STOCKPILES IF PLASTIC SHEETING DOES NOT WORK.)
3. PROPOSED DETENTION PONDS TO BE DISCHARGE POINT FOR ALL STORMWATER RUNOFF CONVEYANCE.
4. ANY TRENCH DEWATERING SHALL BE DISCHARGED THROUGH FILTER BAG INTO DETENTION POND WITHIN THE FOREBAY AREA AS SHOWN.



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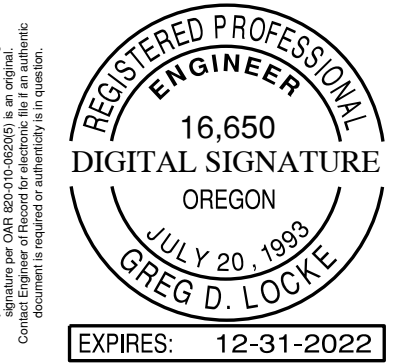
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A NEW PROJECT FOR SALEM-KEIZER SCHOOL DISTRICT @
HAILMAN

HALLMAN ELEMENTARY SCHOOL

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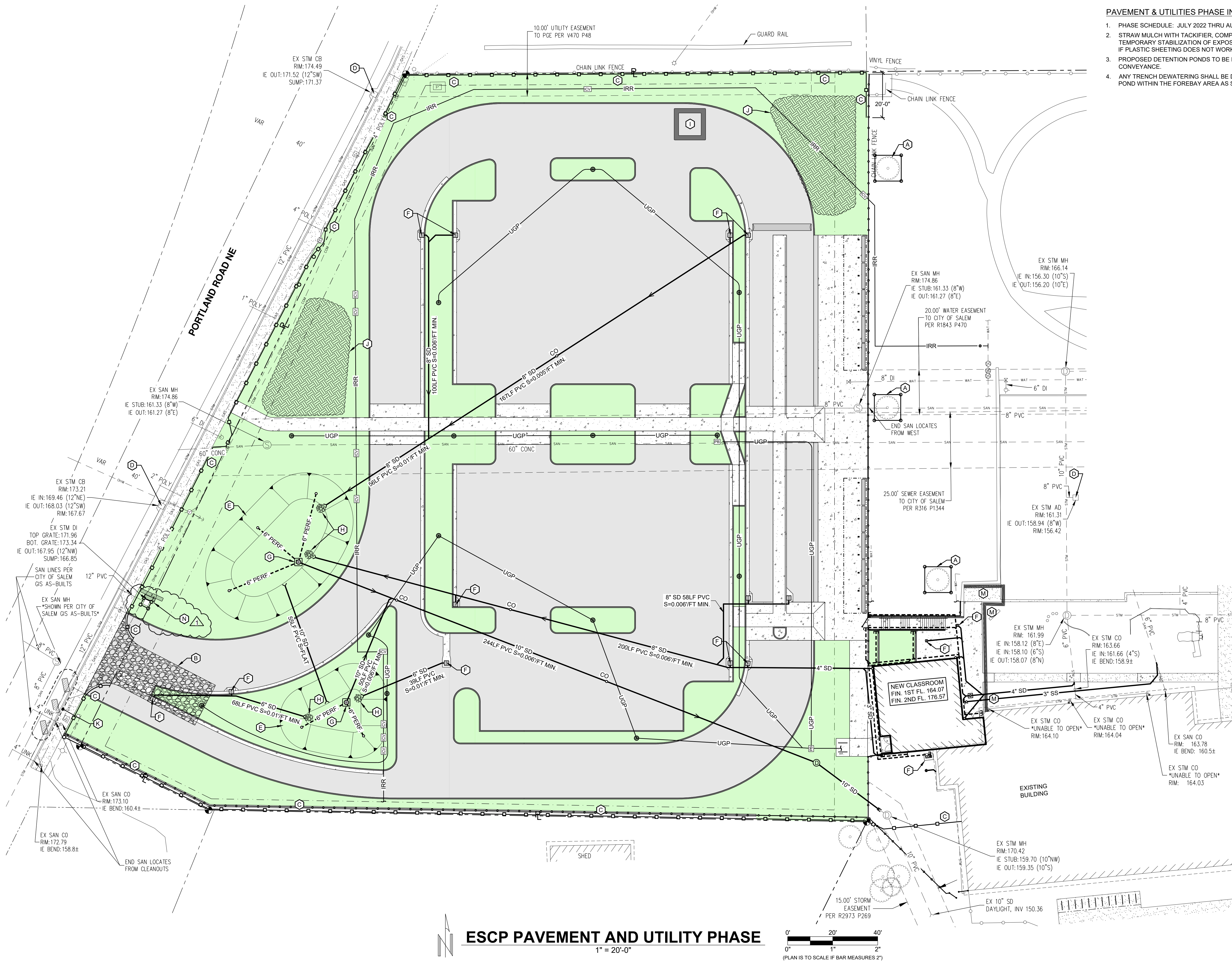
ESCP PAVEMENT AND UTILITY PHASE

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SEE SHEET

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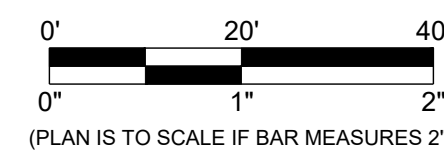
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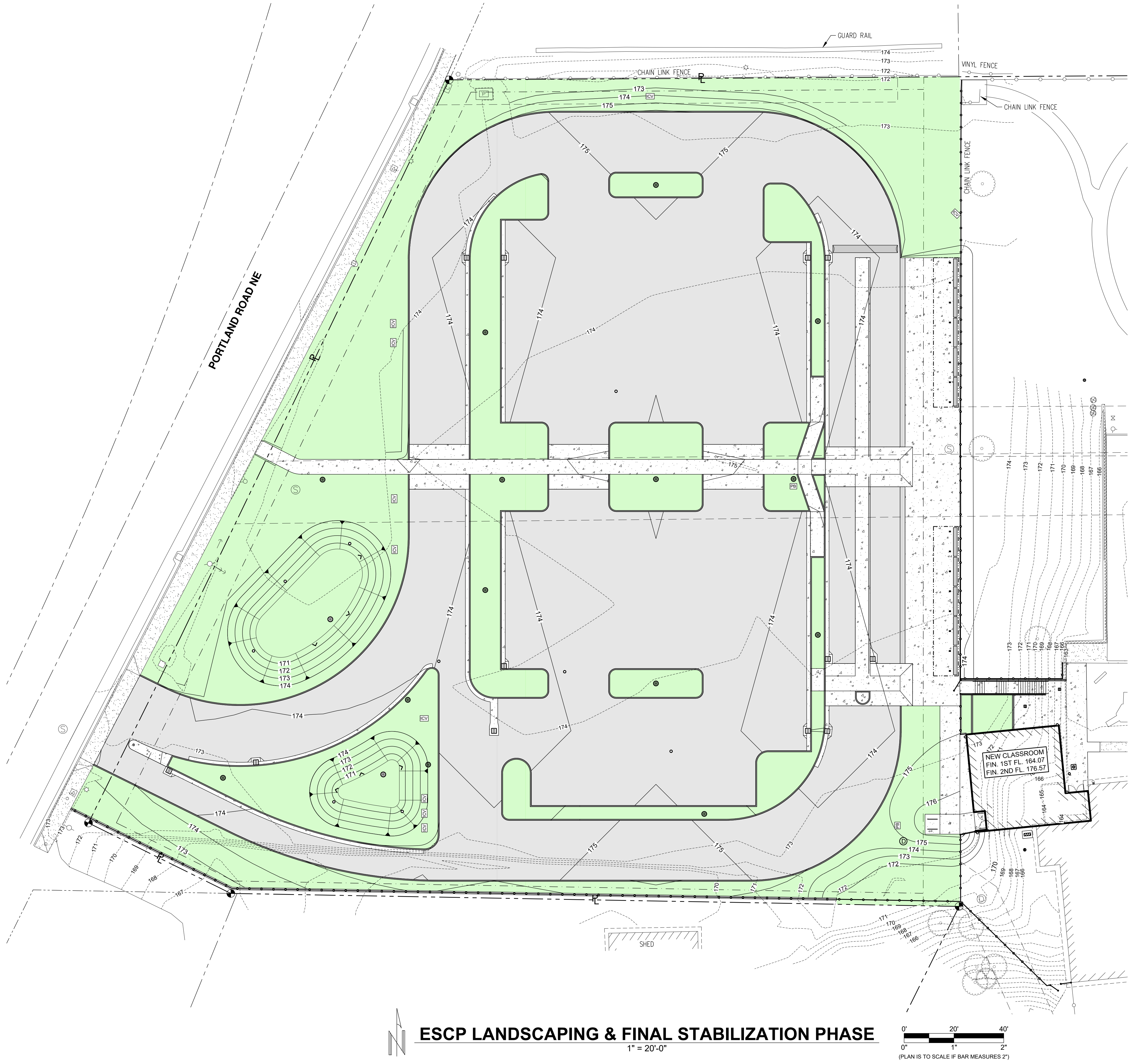
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ESCP PAVEMENT AND UTILITY PHASE

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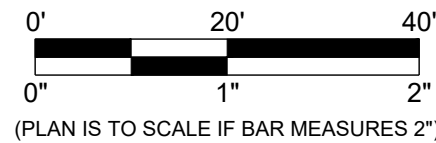


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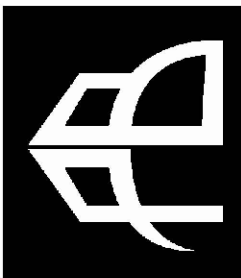


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SEE SHEET EC-1.1 FOR KEYED EROSION & SEDIMENT CONTROL NOTES SHOWN ON THIS PLAN.

LANDSCAPING & FINAL STABILIZATION PHASE INFORMATION AND NOTES

1. PHASE SCHEDULE: AUGUST 2022 THRU OCTOBER 2022
2. DETENTION PONDS TO HAVE TEMPORARY SEDIMENT CONTROLS REMOVED AND PERMANENT UNDER DRAINAGE AND PLANTING SOILS INSTALLED. SEE LANDSCAPE PLANS.
3. INSTALL PERMANENT ROCK SPLASH PADS PER CIVIL PLANS.
4. REMOVE ALL PERIMETER SEDIMENT FENCING, CATCHBASIN INSERTS AND OTHER INLET PROTECTION UPON COMPLETION OF THIS PHASE.



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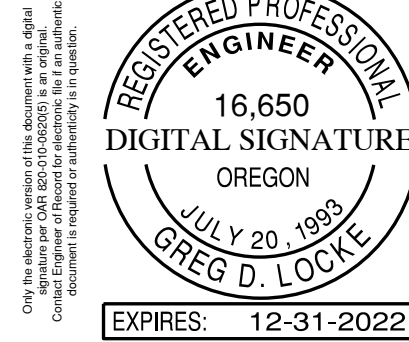
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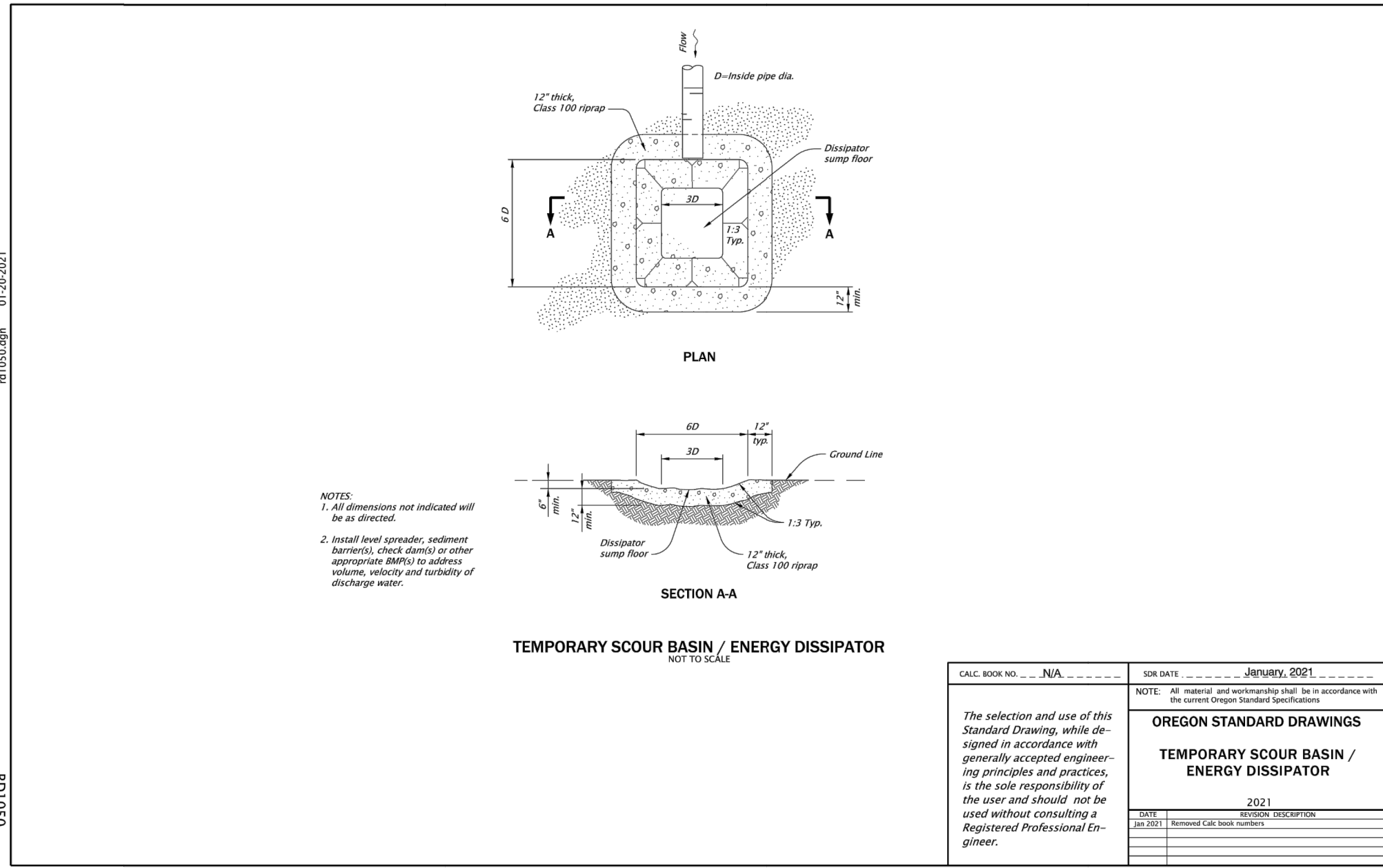
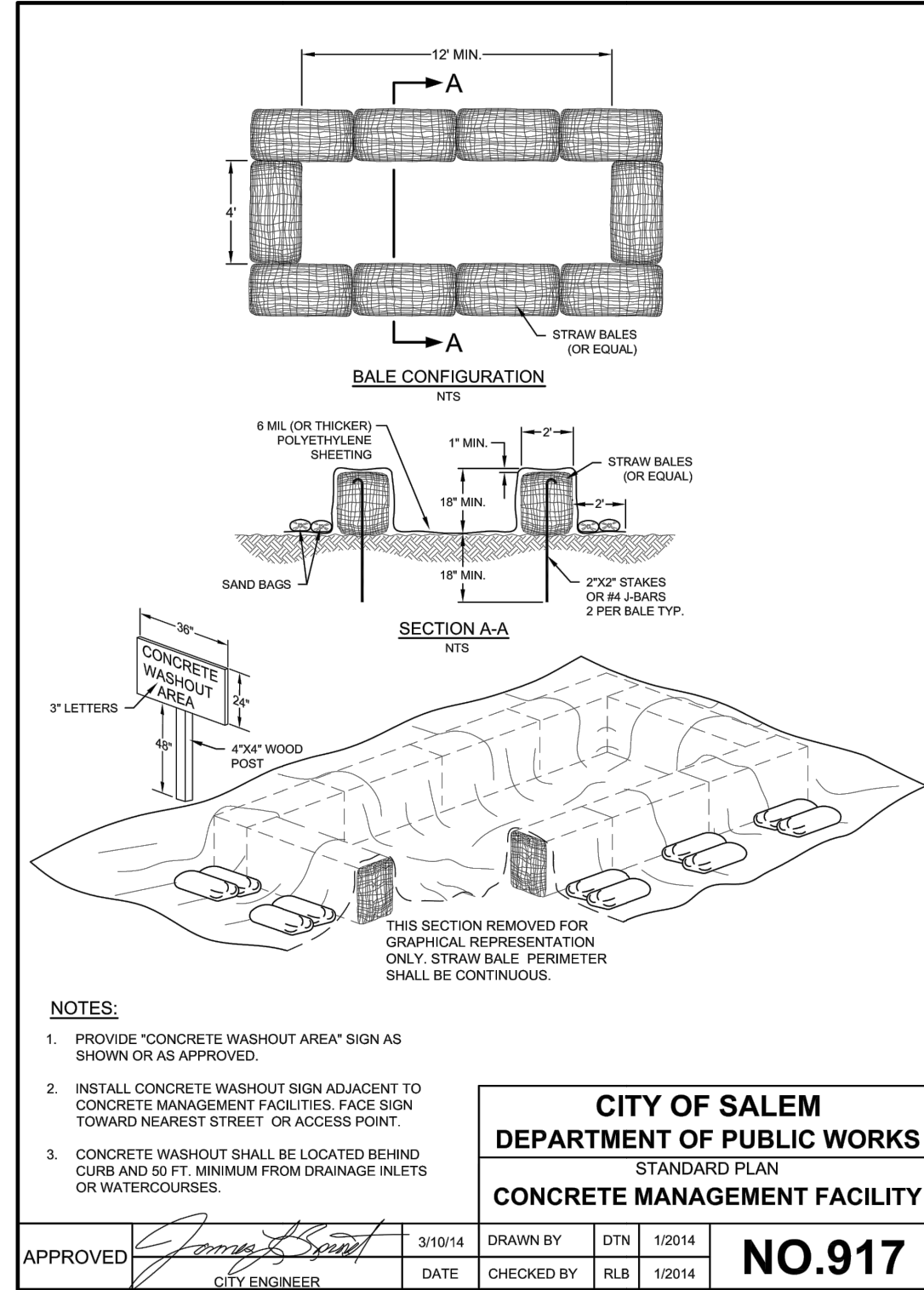
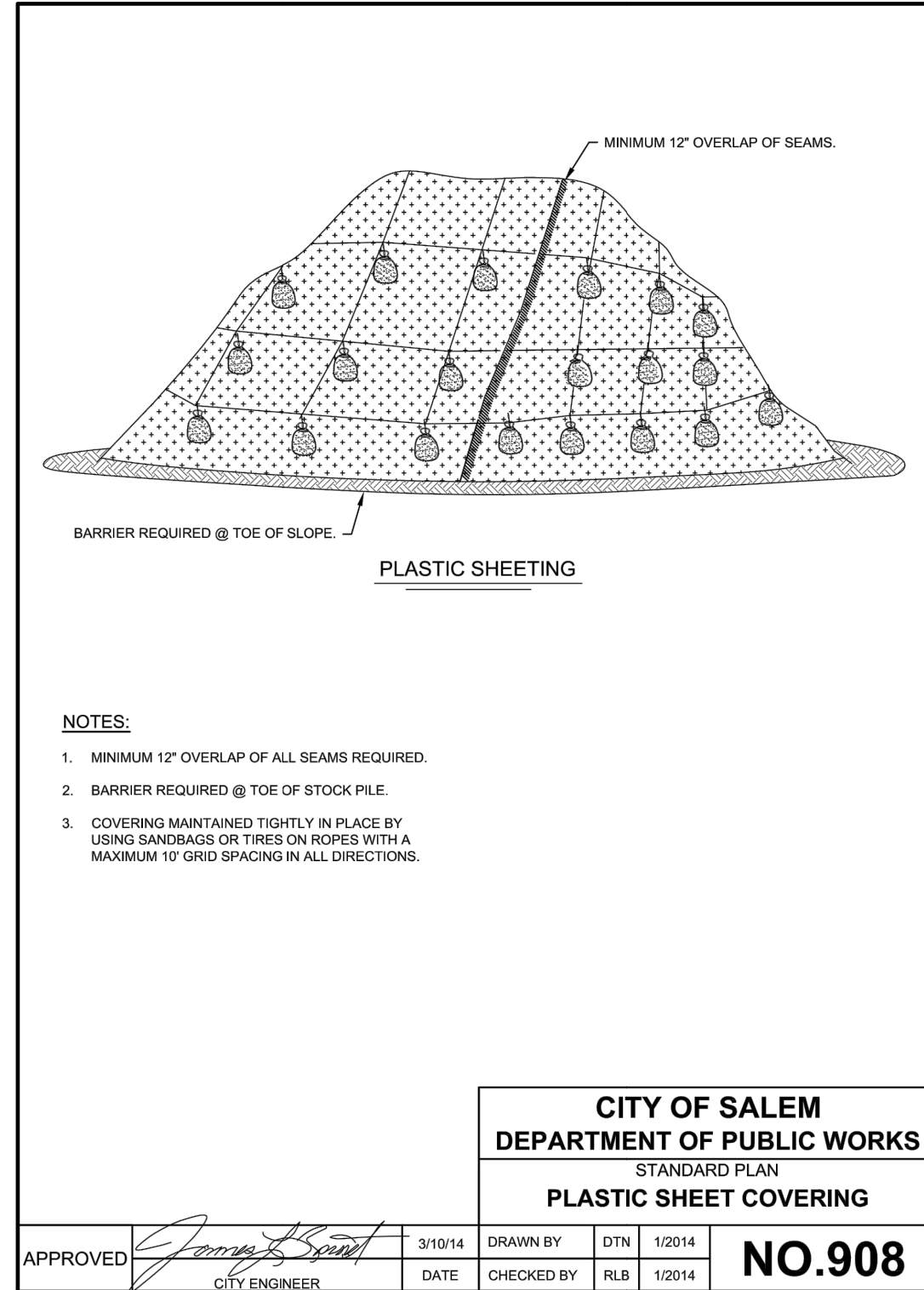
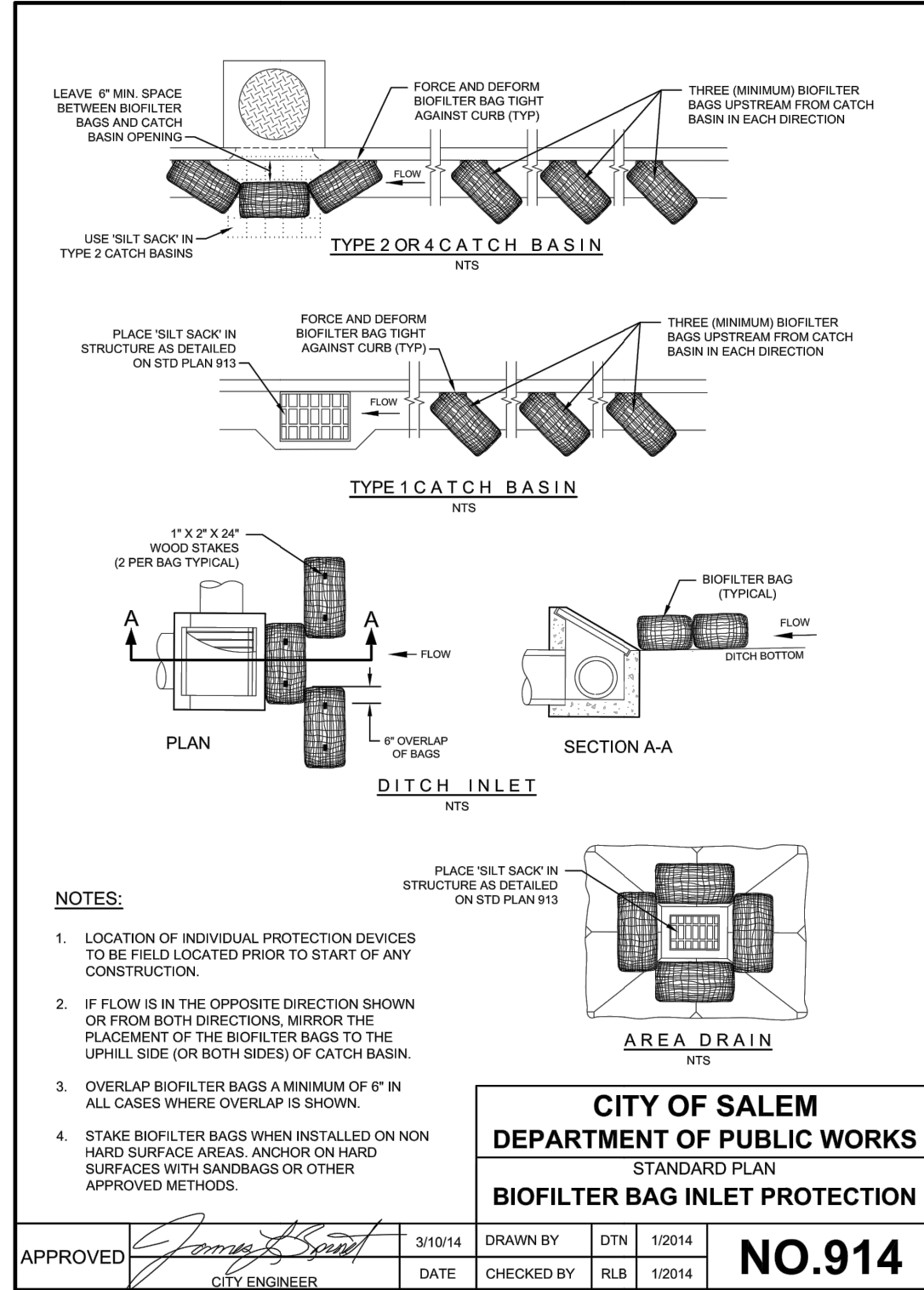
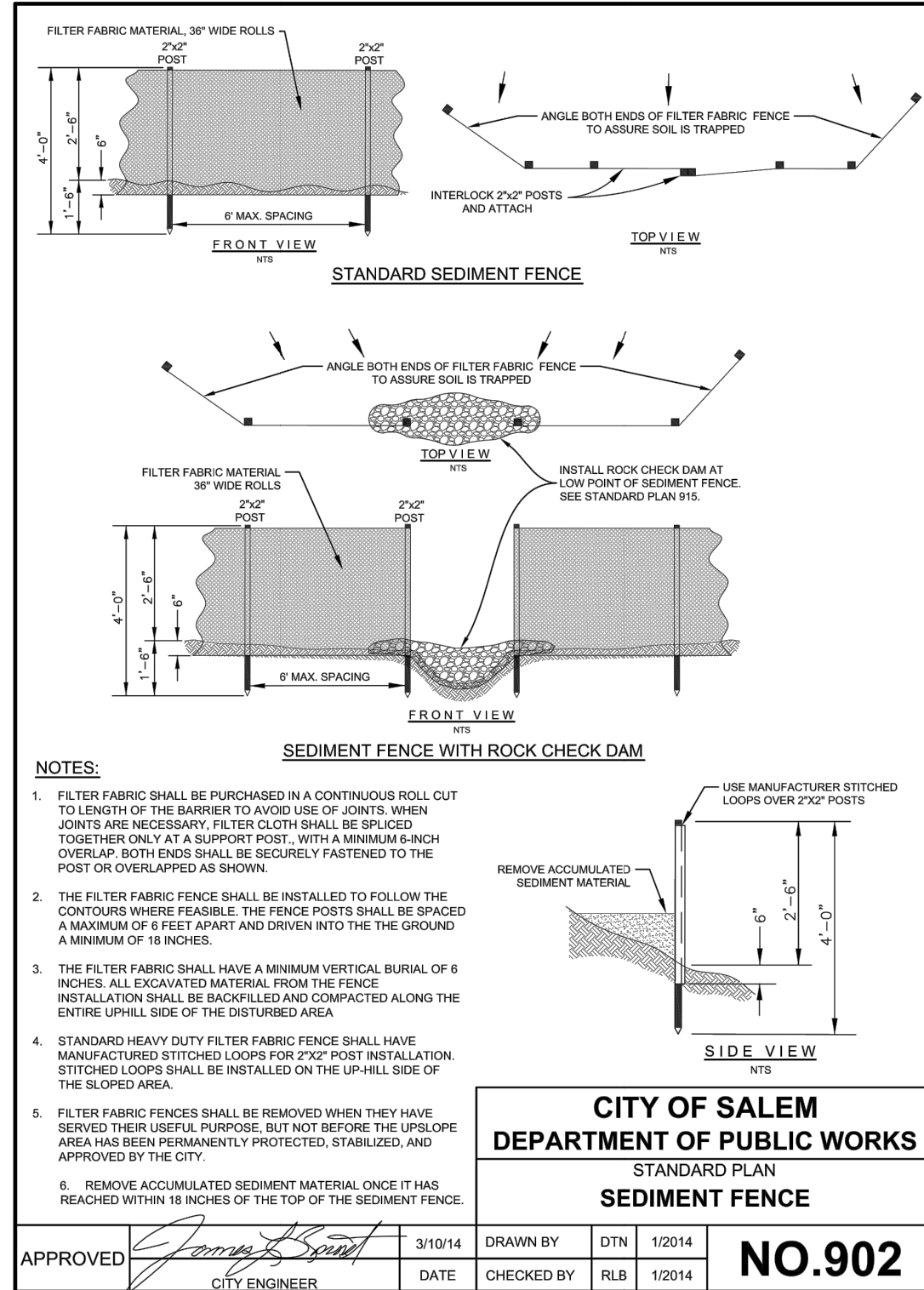
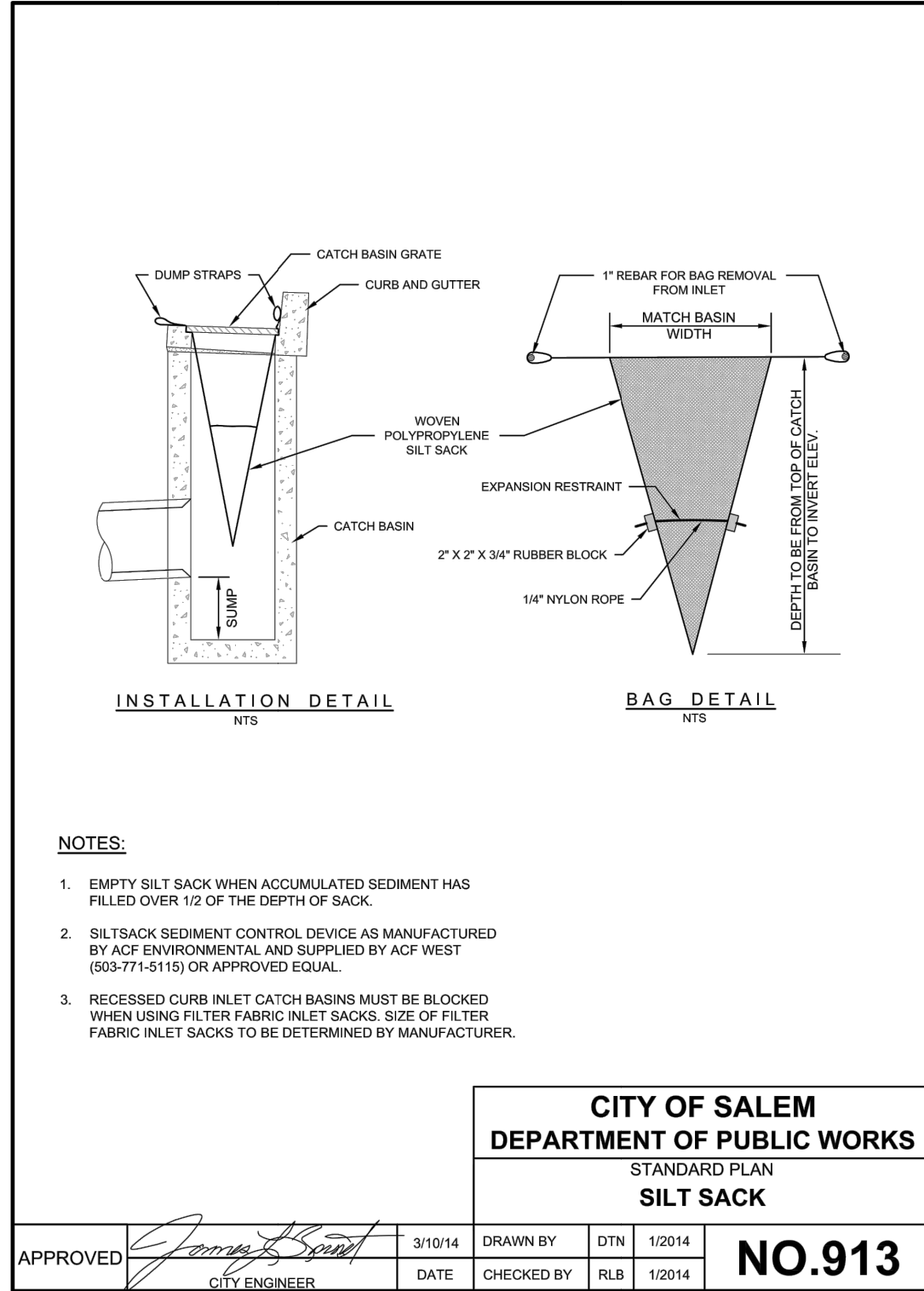
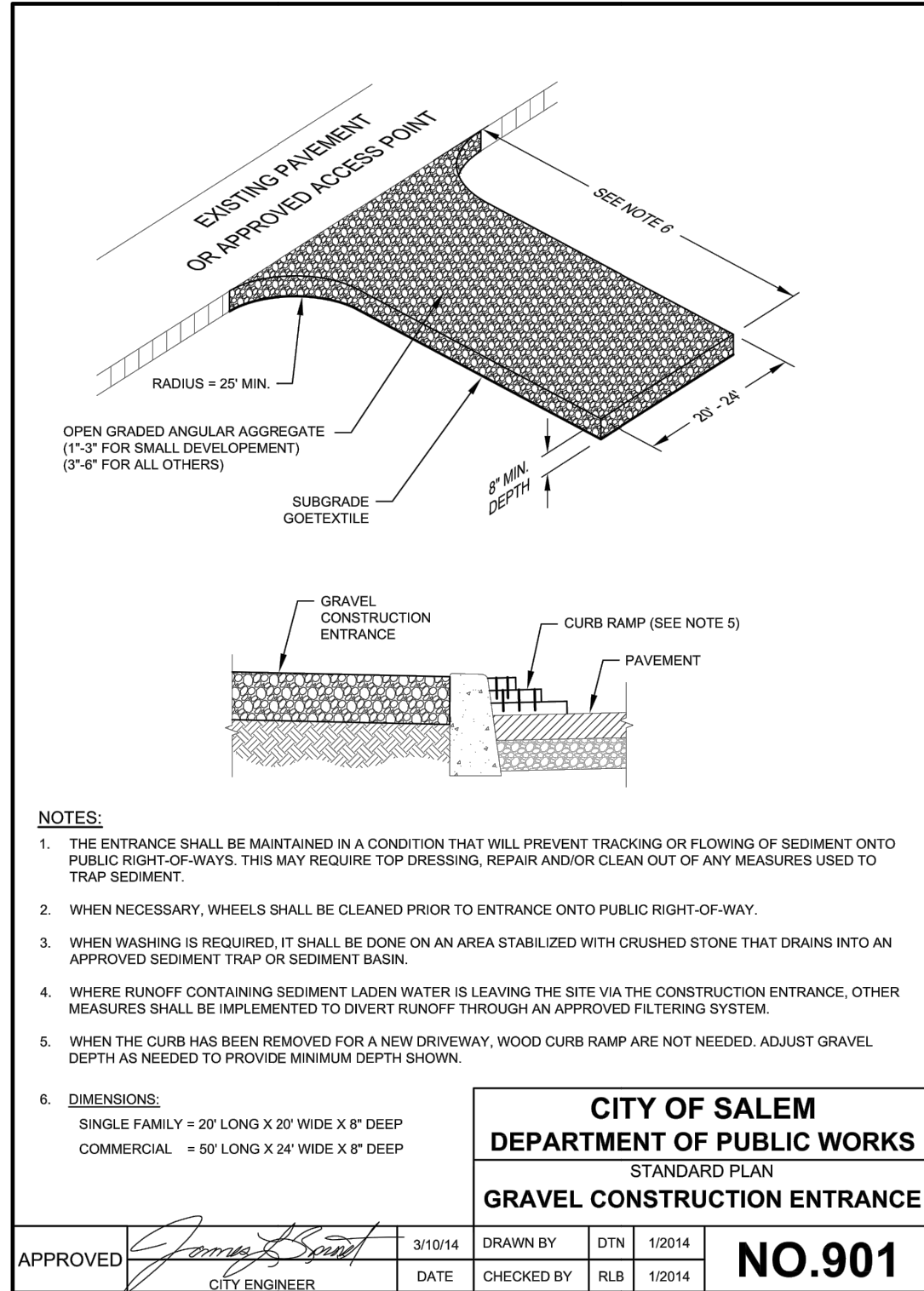
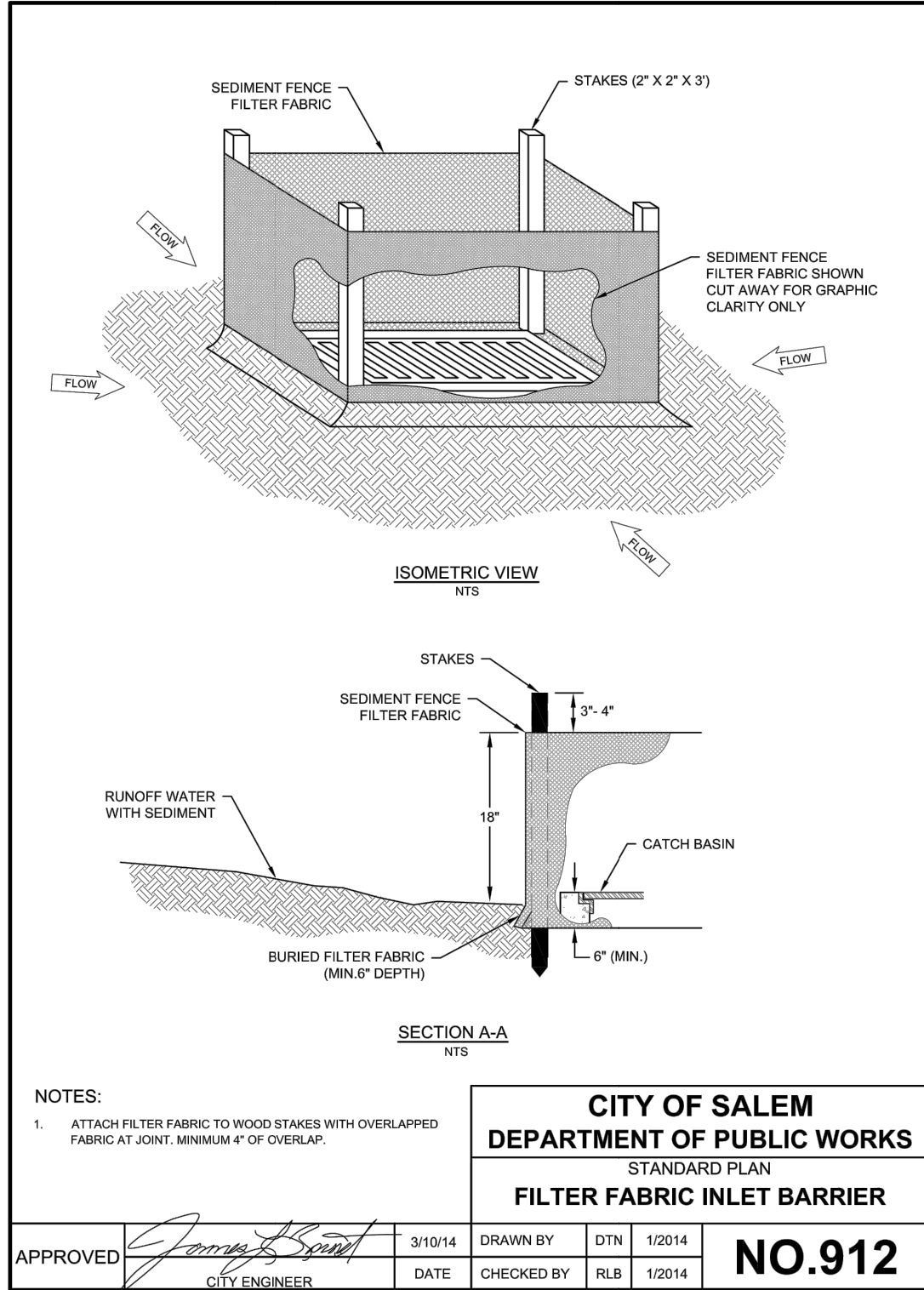
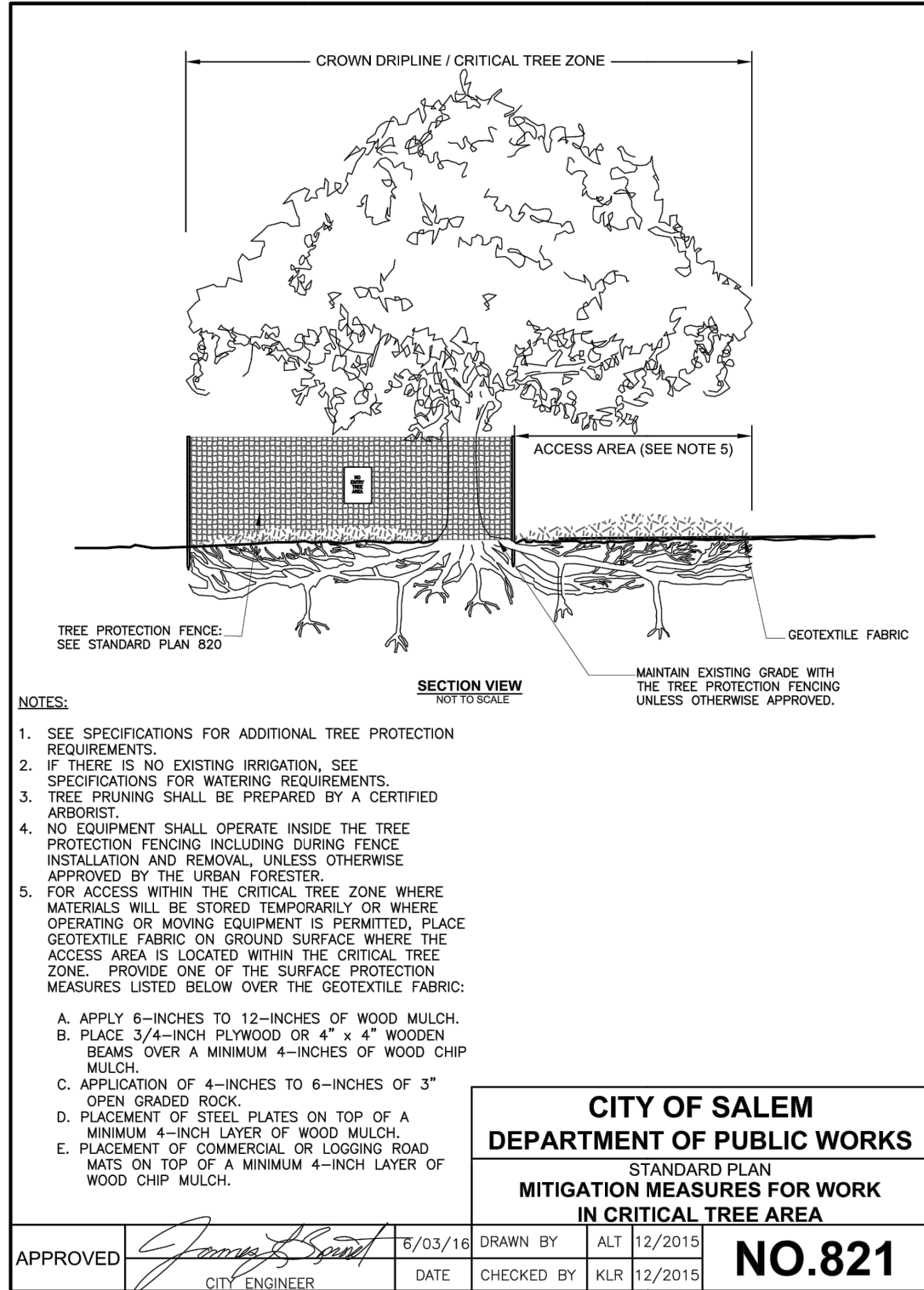
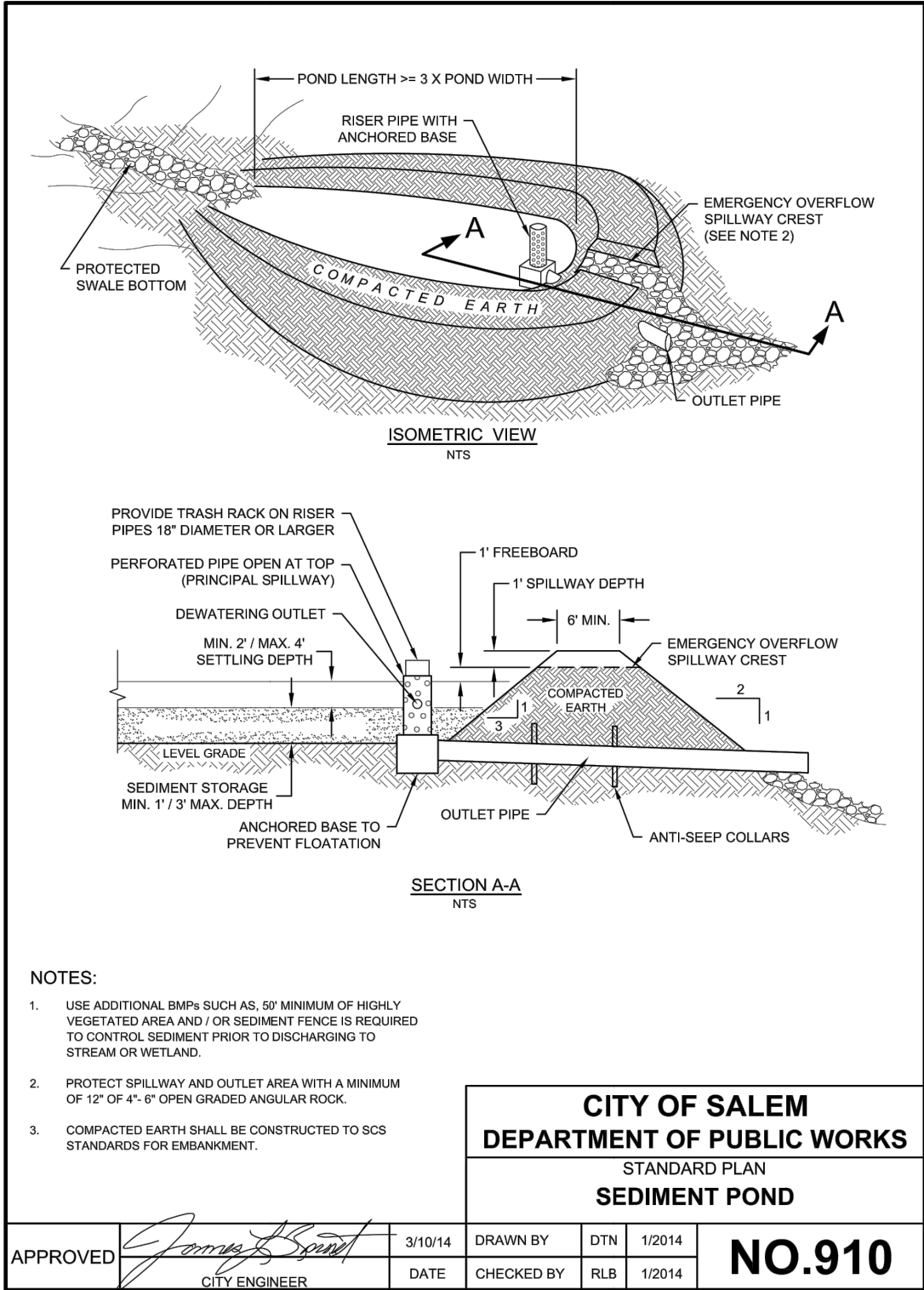
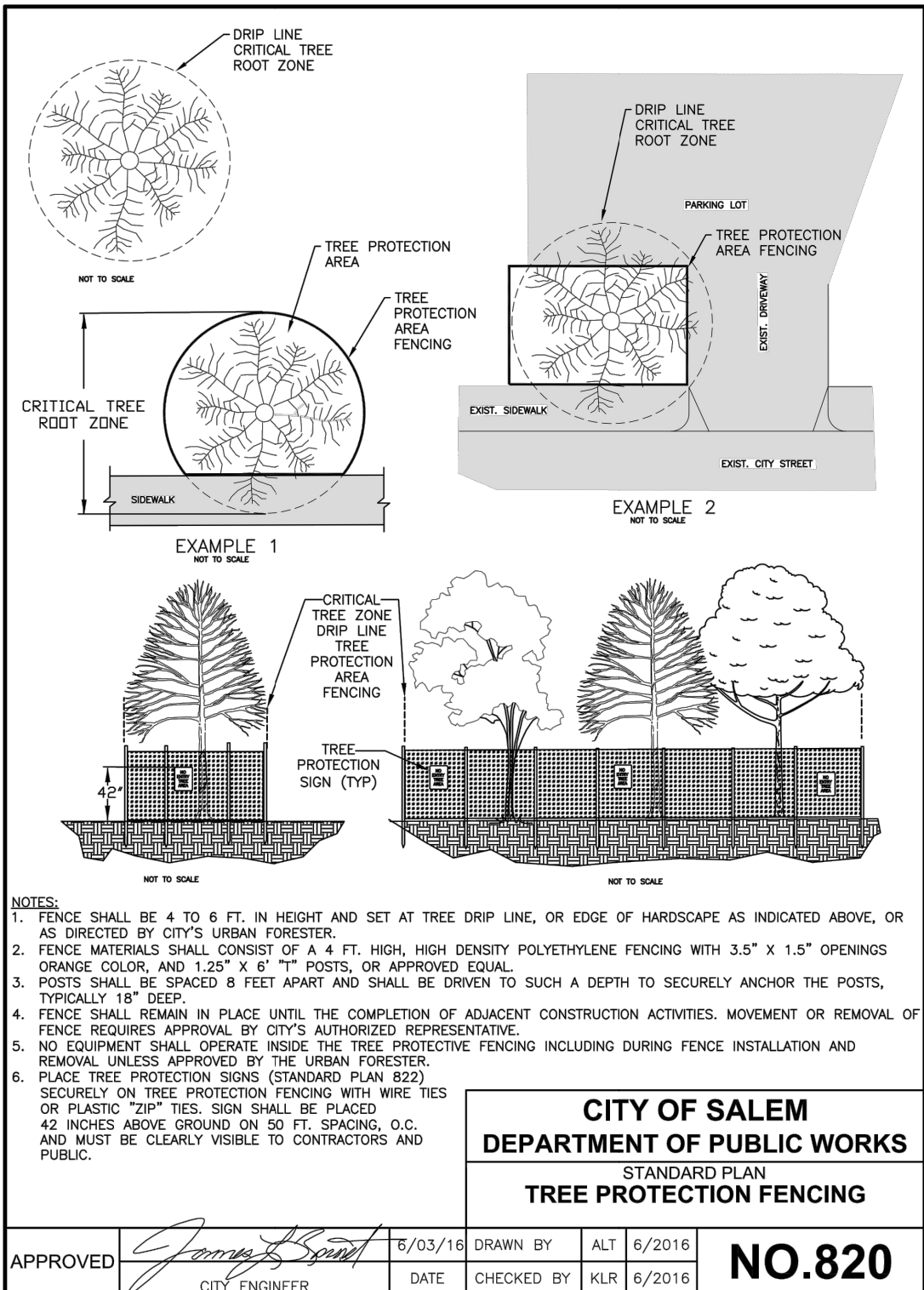
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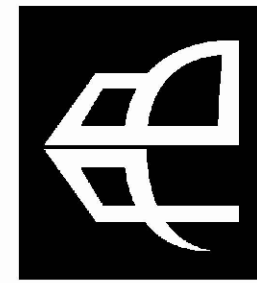
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