

SHEET NO.	
CV	
PROJECT ID	DATE:
A-1000	07/01/26
FILE NAME:	SCALE:
PRJ-7S1	1"=50'

		SQ. FT.	/	ACRES.
LOT		713,419	/	16.378
	BUILDING FOOTPRINT	258,132	/	5.926
	PROPOSED ASPHALT	204,339	/	4.691
	TOTAL LANDSCAPING	129,879	/	2.982
	PARKING LANDSCAPING	8054.77	/	0.185
	REMAINING LANDSCAPING	121,824	/	2.797
	CONCRETE	121,070	/	2.779

	SQ. FT.	
PARKING AREA	84,097	
PARKING LANDSCAPE REQUIRED	4,205	5%
PARKING LANDSCAPE PROVIDED	8,055	9.6%
TOTAL LANDSCAPING PROVIDED	129,879	18.2% PROVIDED

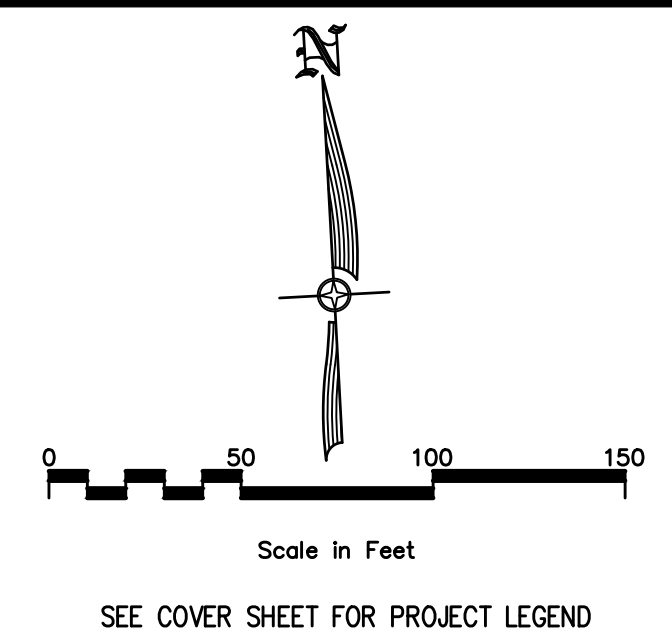
	SQ. FT.	CITY REQ'T
OFFICE	3,209	6 71 MIN (2/1000)
WAREHOUSE	254,923	106 MAX (3/1000)
TOTAL REQUIRED	6	NO MIN OR MAX
TOTAL PROVIDED	198	
ACCESSIBLE SPACES	8	(7 REQ'D 201 TO 300)
BICYCLE SPACES	18	

1. ALL AREA CALCULATIONS ARE APPROXIMATE AND CAN CHANGE DUE TO CONSTRUCTION TOLERANCES.
2. BICYCLE CALCULATIONS - $(\frac{1}{10000}) \times 35,370 + (\frac{1}{15000}) \times 201,603 = 18$

"U"-STYLE BIKE RACKS ARE TO BE LOCATED WITHIN 50FT OF MAIN ENTRANCE. SEE SHEET C1.1 FOR LOCATION AND C4.1 FOR DETAIL.



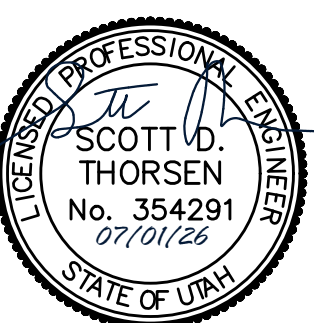
UNION PACIFIC RAILROAD
14-11-504-001



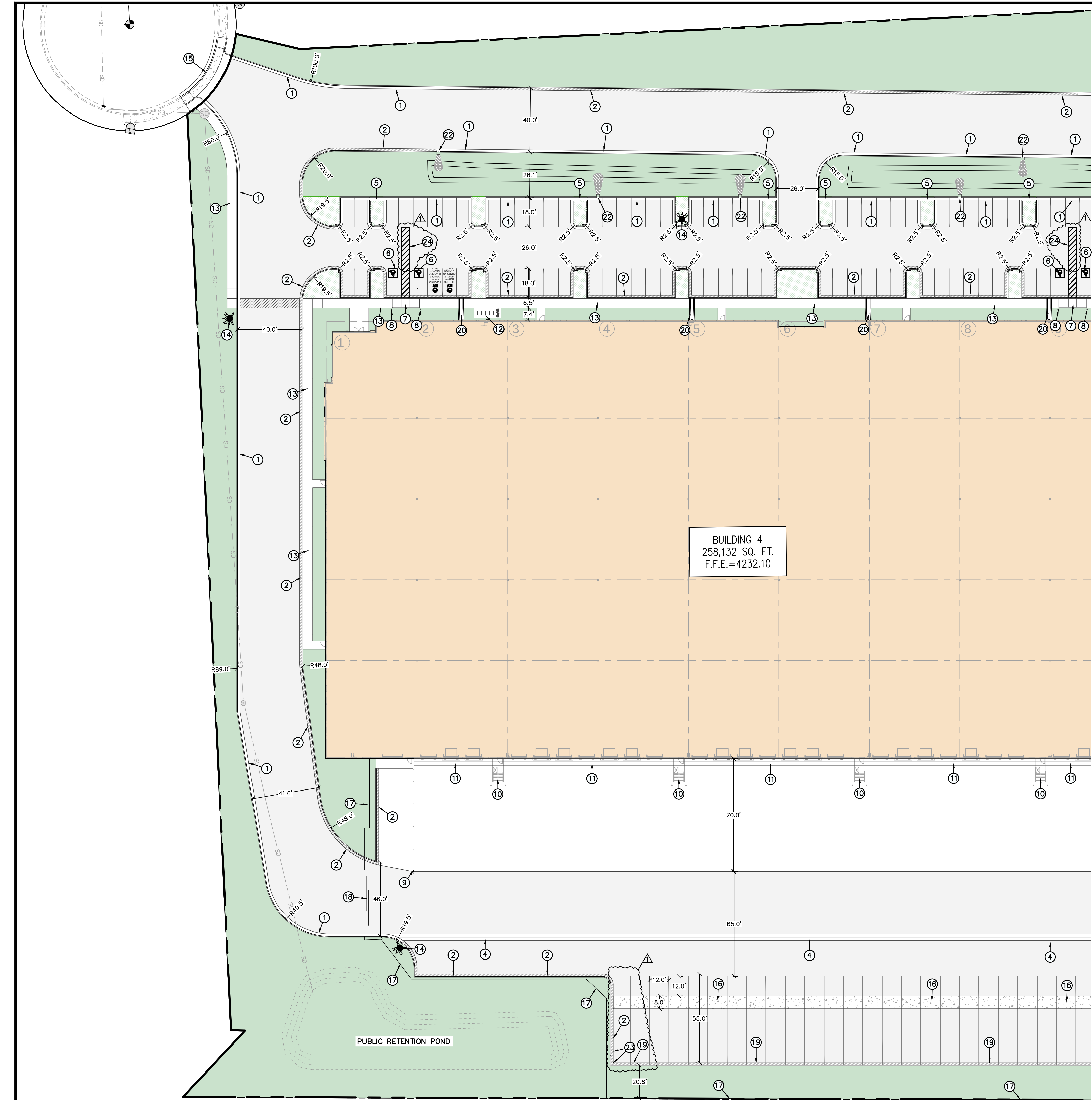
**CIVIL ENGINEERING
+ SURVEYING**

10718 S BECKSTEAD LANE, SUITE 102
South Jordan, Utah - 801-949-6296

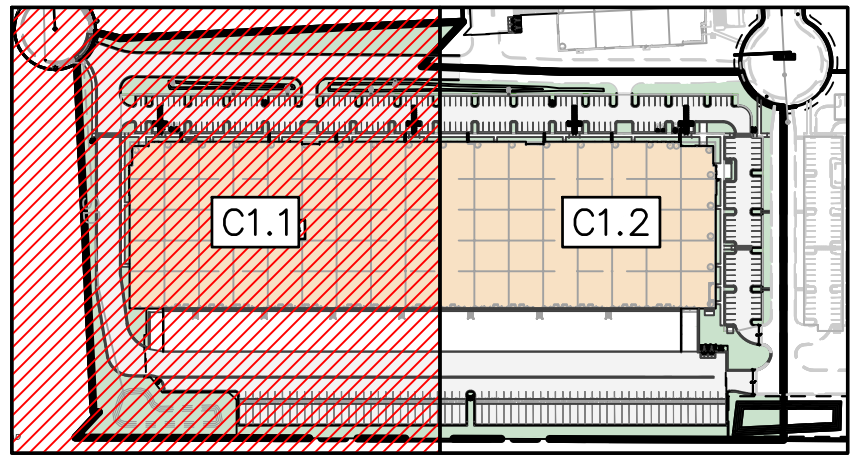
700 SOUTH – BUILDING 4
804 S 6200 W, SALT LAKE CITY, UTAH
SITE PLAN OVERVIEW



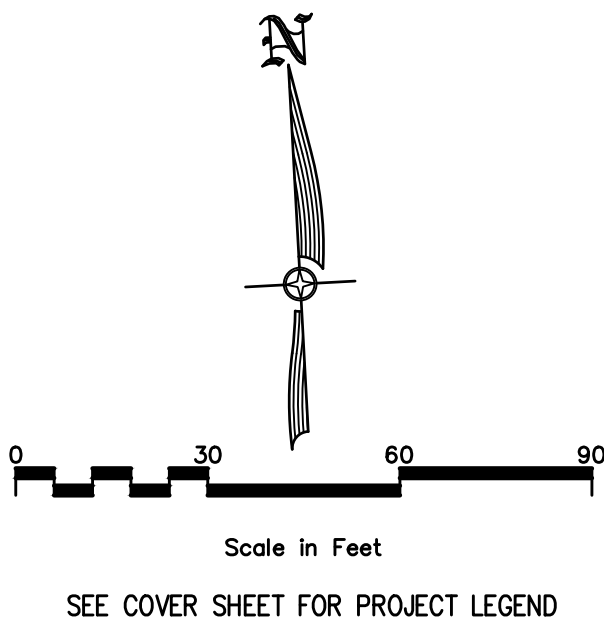
SHEET NO.	
C1.0	
PROJECT ID	DATE:
A-1000	07/01/26
FILE NAME:	SCALE:
PRJ-7S1	1"=50'



MATCHLINE - SEE SHEET C1.2



KEY MAP
NOT TO SCALE



RIGHT OF WAY NOTE
ENGINEERING AND TRANSPORTATION PERMITS ARE REQUIRED TO WORK IN THE RIGHT OF WAY. PLANS, LICENSE, BOND AND INSURANCE REQUIRED WITH PERMIT APPLICATION. ALL WORK IN THE PUBLIC WAY SHALL FOLLOW APWA STANDARDS. ENGINEERING PERMIT AND TRANSPORTATION PERMIT REQUIRED TO TERMINATE/CAP/KILL ANY EXISTING SERVICES IN THE PUBLIC RIGHT OF WAY.

SITE LIGHTING NOTE
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SITE PLAN KEYNOTES:

- ① INSTALL 24" CATCH CURB & GUTTER PER APWA STD. PLAN NO. 205.1 TYPE E. SEE DETAIL 1/C4.0.
- ② INSTALL 24" REVERSE PAN CURB & GUTTER PER APWA STD. PLAN NO. 205. SEE DETAIL 2/C4.0.
- ③ CONTRACTOR TO PROVIDE SMOOTH TRANSITION BETWEEN PROPOSED CURB & GUTTER AND REV PAN CURB & GUTTER.
- ④ INSTALL 4' WIDE CONCRETE WATERWAY PER APWA STD. PLAN NO. 211. SEE DETAIL 3/C4.0
- ⑤ CONTINUE GUTTER THROUGH PLANTER AREA PROVIDING A CONCRETE WATERWAY TO ALLOW STORM WATER TO FLOW THROUGH. SEE DETAIL 14/C4.0.
- ⑥ INSTALL ADA PARKING STALLS PER ADA STANDARDS. ONE STALL IS TO BE DESIGNATED FOR ACCESSIBLE VAN PARKING. SLOPES TO BE LESS THAN 2% IN ALL DIRECTIONS. SEE DETAIL 10/C4.0.
- ⑦ ADA RAMPS ARE TO BE INSTALLED PER CITY AND ADA STANDARDS AND SPECIFICATIONS. SEE DETAILS 4/C4.0 & 5/C4.0.
- ⑧ INSTALL ADA SIGN BEHIND SIDEWALK. SEE DETAIL 11/C4.0
- ⑨ INSTALL DOCK WALL. SEE STRUCTURAL PLANS FOR DETAILS.
- ⑩ INSTALL STAIR SECTION W/BOLLARDS. SEE ARCHITECTURAL PLANS FOR DETAILS.
- ⑪ INSTALL WARPED ROLL GUTTER PER DETAIL 12/C4.0. SEE GRADING ON SHEET C2.0.
- ⑫ INSTALL "U" STYLE BIKE RACKS PER SLC STANDARDS. SEE DETAILS ON SHEET C4.1.
- ⑬ INSTALL CONCRETE SIDEWALK PER APWA STD. PLAN NO. 231. SEE DETAIL ON SHEET C5.0.
- ⑭ PROPOSED FIRE HYDRANT, SEE SHEET C5.0 FOR DETAILS.
- ⑮ INSTALL DRIVE APPROACH PER APWA PLAN NO. 215.
- ⑯ INSTALL 8' WIDE CONCRETE DOLLY PAD.
- ⑰ INSTALL 6' TALL CHAINLINK FENCE. SEE ARCHITECTURAL PLANS FOR DETAIL.
- ⑱ PROPOSED 6' TALL 40' WIDE MANUAL SLIDE GATE.
- ⑲ INSTALL 1' TALL REVERSE PAN CURB & GUTTER PER APWA STD. PLAN NO. 205. SEE DETAIL 6/C4.0.
- ⑳ INSTALL CONCRETE ROOF DRAINAGE CHANNEL. SEE DETAIL 12 ON SHEET A022.
- ㉑ PROVIDE TWO BOLLARDS IN FRONT OF FIRE HYDRANT. BOLLARDS TO BE AT LEAST 3' AWAY FROM HYDRANT.
- ㉒ INSTALL 2' WIDE CURB CUT W/ RIPRAP EROSION PROTECTION.
- ㉓ PROVIDE SMOOTH TRANSITION BETWEEN 6" TALL CURB TO 12" CURB OVER 6'.
- ㉔ INSTALL PAINTED PEDESTRIAN CROSSWALK.

SKG 07/01/26

1

QTY COMMENTS

NO

REVISIONS

BY DATE

DESIGNER: SDT

PROJECT ENGINEER: SDT

CIVIL ENGINEERING
+ SURVEYING

CIR

10718 S BECKSTEAD LANE, SUITE 102
South Jordan, Utah - 801-949-6296

700 SOUTH - BUILDING 4

804 S 6200 W, SALT LAKE CITY, UTAH

SITE PLAN

SCOTT D. THORSEN
No. 354291
07/01/26
STATE OF UTAH

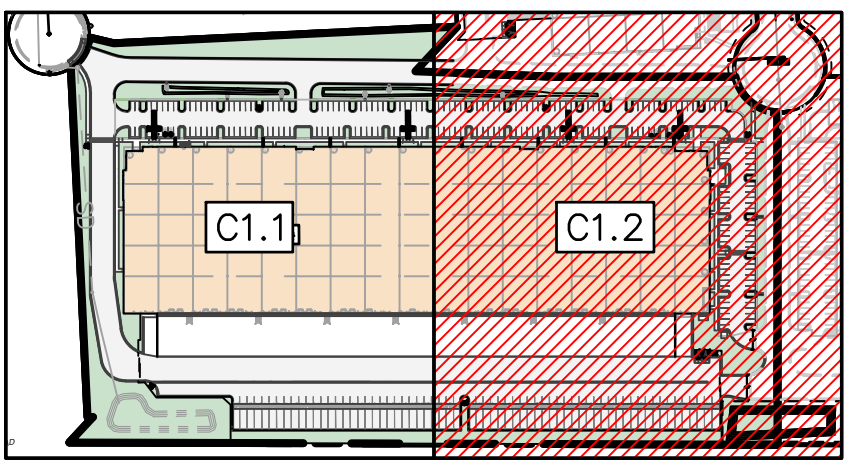
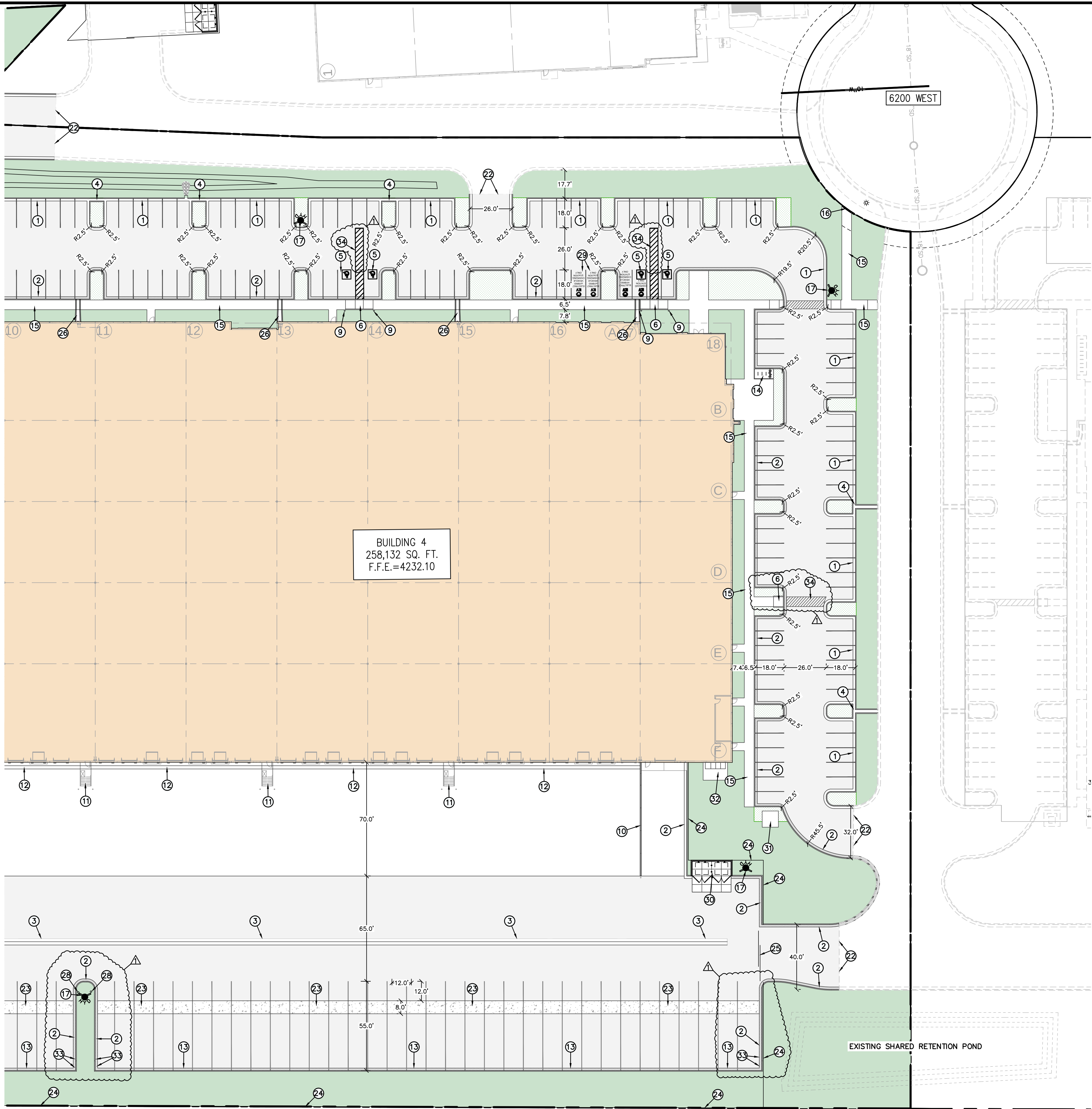
Blue Stakes of UTAH 811

SHEET NO. C1.1

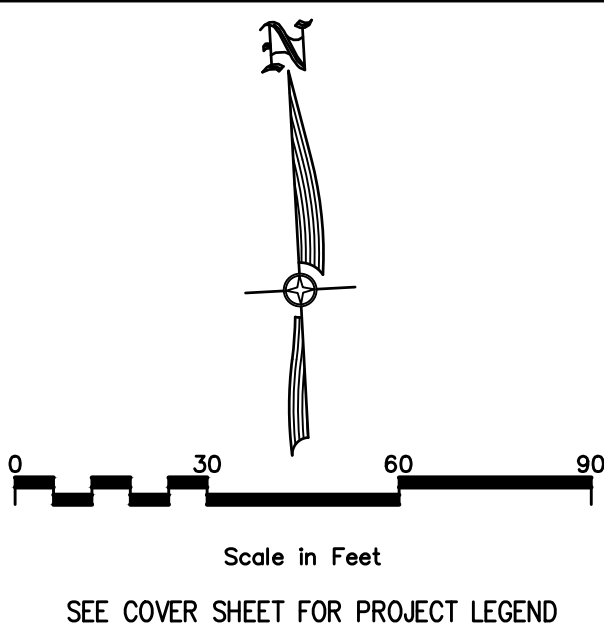
PROJECT ID: A-1000
FILE NAME: PRJ-751

DATE: 07/01/26
SCALE: 1"=30'

MATCHLINE - SEE SHEET C1.1



KEY MAP
NOT TO SCALE



RIGHT OF WAY NOTE
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SITE LIGHTING NOTE
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SITE PLAN KEYNOTES:

1. INSTALL 24" CATCH CURB & GUTTER PER APWA STD. PLAN NO. 205.1 TYPE E. SEE DETAIL 1/C4.0.
2. INSTALL 24" REVERSE PAN CURB & GUTTER PER APWA STD. PLAN NO. 205. SEE DETAIL 2/C4.0.
3. INSTALL 4' WIDE CONCRETE WATERWAY PER APWA STD. PLAN NO. 211. SEE DETAIL 3/C4.0.
4. CONTINUE GUTTER THROUGH PLANTER AREA PROVIDING A CONCRETE WATERWAY TO ALLOW STORM WATER TO FLOW THROUGH. SEE DETAIL 14/C4.0.
5. INSTALL ADA PARKING STALLS PER ADA STANDARDS. ONE STALL IS TO BE DESIGNATED FOR ACCESSIBLE CAN PARKING. SLOPES TO BE LESS THAN 2% IN ALL DIRECTIONS. SEE DETAIL 10/C4.0.
6. INSTALL PEDESTRIAN ACCESS RAMP PER APWA STD. PLAN NO. 236.3. RAMP TO MEET ADA STANDARDS. RAMP SLOPE TO BE LESS THAN 8.33%. SEE DETAIL 4/C4.0.
7. INSTALL PEDESTRIAN ACCESS RAMP PER APWA STD. PLAN NO. 236.1. EXAMPLE 2, W/CURB WALL. RAMP TO MEET ADA STANDARDS. RAMP SLOPE TO BE LESS THAN 8.33%. SEE DETAIL 5/C4.0.
8. INSTALL PAINTED PEDESTRIAN CROSSWALK.
9. INSTALL ADA SIGN BEHIND SIDEWALK. SEE DETAIL 11/C4.0.
10. INSTALL DOCK WALL. SEE STRUCTURAL PLANS FOR DETAILS.
11. INSTALL STAIR SECTION W/BOLLARDS. SEE ARCHITECTURAL PLANS FOR DETAILS.
12. INSTALL WARPED ROLL GUTTER PER DETAIL 12/C4.0. SEE GRADING ON SHEET C2.0.
13. INSTALL 1' TALL REVERSE PAN CURB & GUTTER PER APWA STD. PLAN NO. 205. SEE DETAIL 6/C4.0.
14. INSTALL 4 "U" STYLE BIKE RACKS PER SLC STANDARDS. SEE DETAILS ON SHEET C4.1.
15. INSTALL CONCRETE SIDEWALK PER APWA STD. PLAN NO. 231. SEE DETAIL ON SHEET C5.0.
16. PROVIDE SMOOTH TRANSITION BETWEEN EXISTING PUBLIC SIDEWALK AND PROPOSED PRIVATE SIDEWALK.
17. PROPOSED FIRE HYDRANT, SEE SHEET C5.0 FOR DETAILS.
18. PROPOSED TRANSFORMER. SEE SITE ELECTRICAL PAD FOR DETAILS.
19. PROPOSED ELECTRICAL SWITCHGEAR. SEE SITE ELECTRICAL PAD FOR DETAILS.
20. PROPOSED 6' TALL FENCE.
21. PROPOSED 6' TALL 20' WIDE MANUAL SLIDE GATE.
22. DRIVE APPROACH, TO BE INSTALLED AS PART OF INFRASTRUCTURE PACKAGE.
23. PROVIDE SMOOTH TRANSITION BETWEEN ASPHALT INSTALLED AS PART OF ADJACENT PROJECT AND PROPOSED ASPHALT.
24. INSTALL 8' WIDE CONCRETE DOLLY PAD.
25. INSTALL 6' TALL CHAINLINK FENCE. SEE ARCHITECTURAL PLANS FOR DETAIL.
26. PROPOSED 6' TALL 40' WIDE MANUAL SLIDE GATE.
27. INSTALL CONCRETE ROOF DRAINAGE CHANNEL. SEE DETAIL 12 ON SHEET A022.
28. PROVIDE TWO BOLLARDS IN FRONT OF FIRE HYDRANT. BOLLARDS TO BE AT LEAST 3' AWAY FROM HYDRANT.
29. INSTALL 2' WIDE CURB CUT W/ RIPRAP EROSION PROTECTION.
30. PROPOSED ELECTRIC CAR CHARGING STALL.
31. PROPOSED DUMPSTER ENCLOSURE. SEE ARCHITECTURAL PLANS FOR DETAILS.
32. PROPOSED TRANSFORMER. SEE SITE ELECTRICAL PAD FOR DETAILS.
33. PROPOSED ELECTRICAL SWITCHGEAR. SEE SITE ELECTRICAL PAD FOR DETAILS.
34. PROVIDE SMOOTH TRANSITION BETWEEN 6" TALL CURB TO 12" CURB OVER 6'.
35. INSTALL PAINTED PEDESTRIAN CROSSWALK.

CIVIL ENGINEERING
+ SURVEYING

10718 S BECKSTEAD LANE, SUITE 102
South Jordan, Utah - 801-949-6296

700 SOUTH - BUILDING 4
804 S 6200 W, SALT LAKE CITY, UTAH

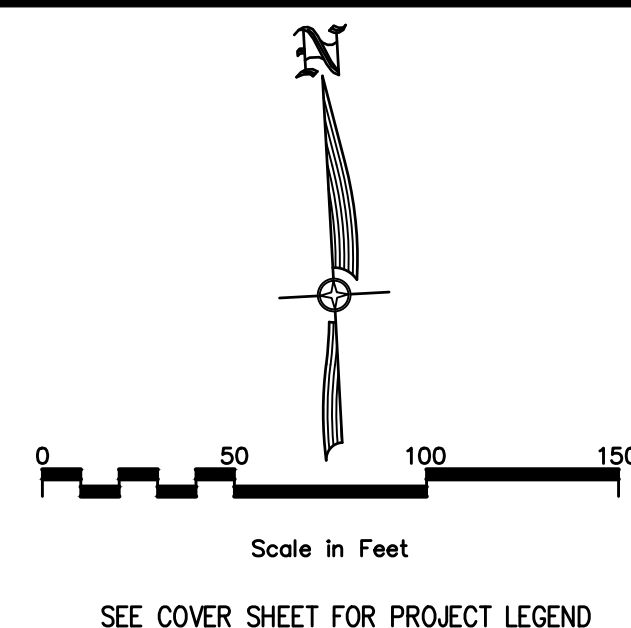
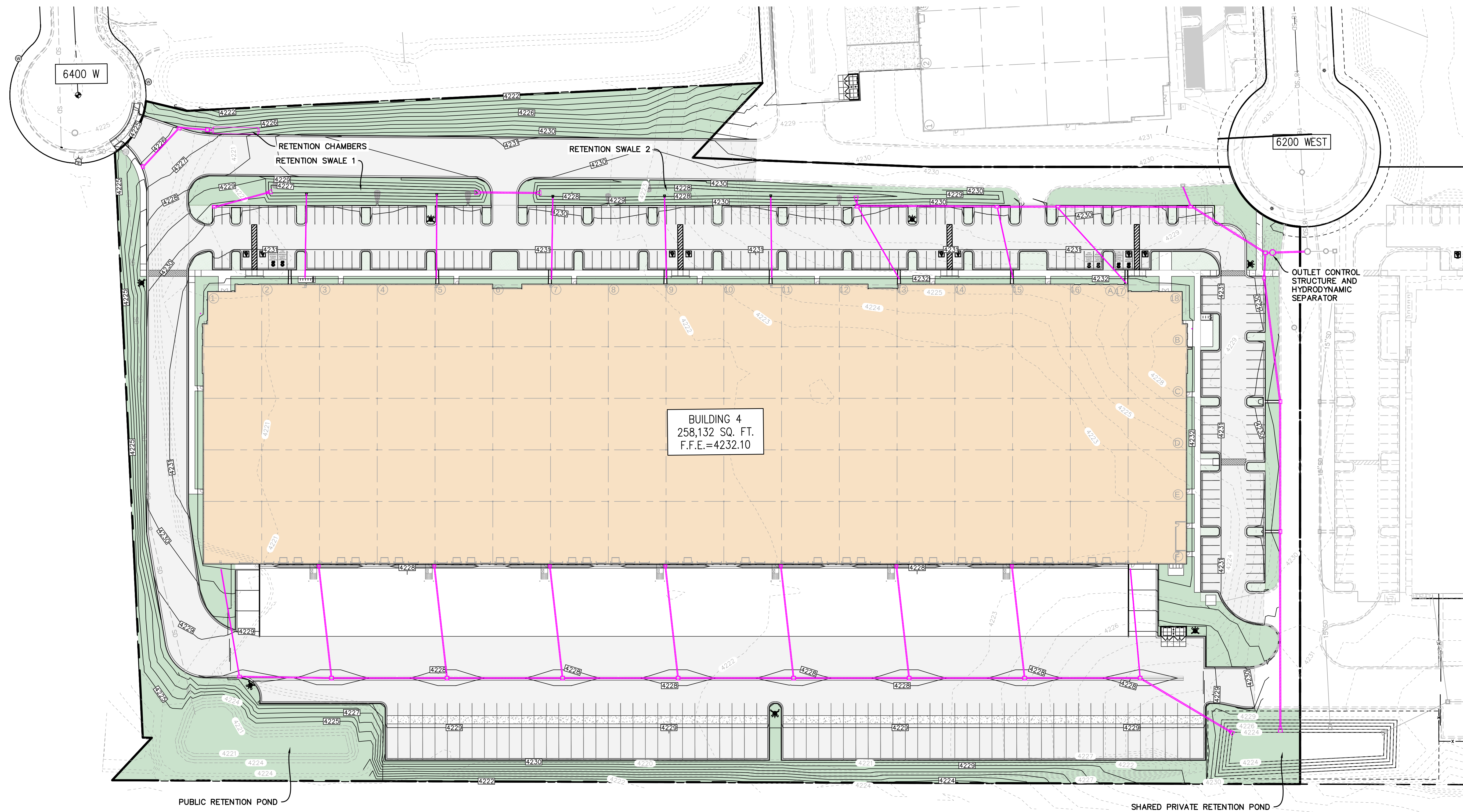
SITE PLAN

PROFESSIONAL ENGINEER
SCOTT D. THORSEN
No. 354291
07/01/26
STATE OF UTAH

SHEET NO.
C1.2

PROJECT ID: A-1000
FILE NAME: PRJ-751

DATE: 07/01/26
SCALE: 1"=30'



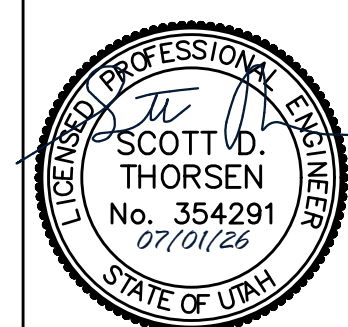
NO.	REVISIONS	BY	DATE
1	CITY COMMENTS	SKG	07/01/26

**CIVIL ENGINEERING
+ SURVEYING**

10718 S BECKSTEAD LANE, SUITE 102
South Jordan, Utah - 801-949-6296

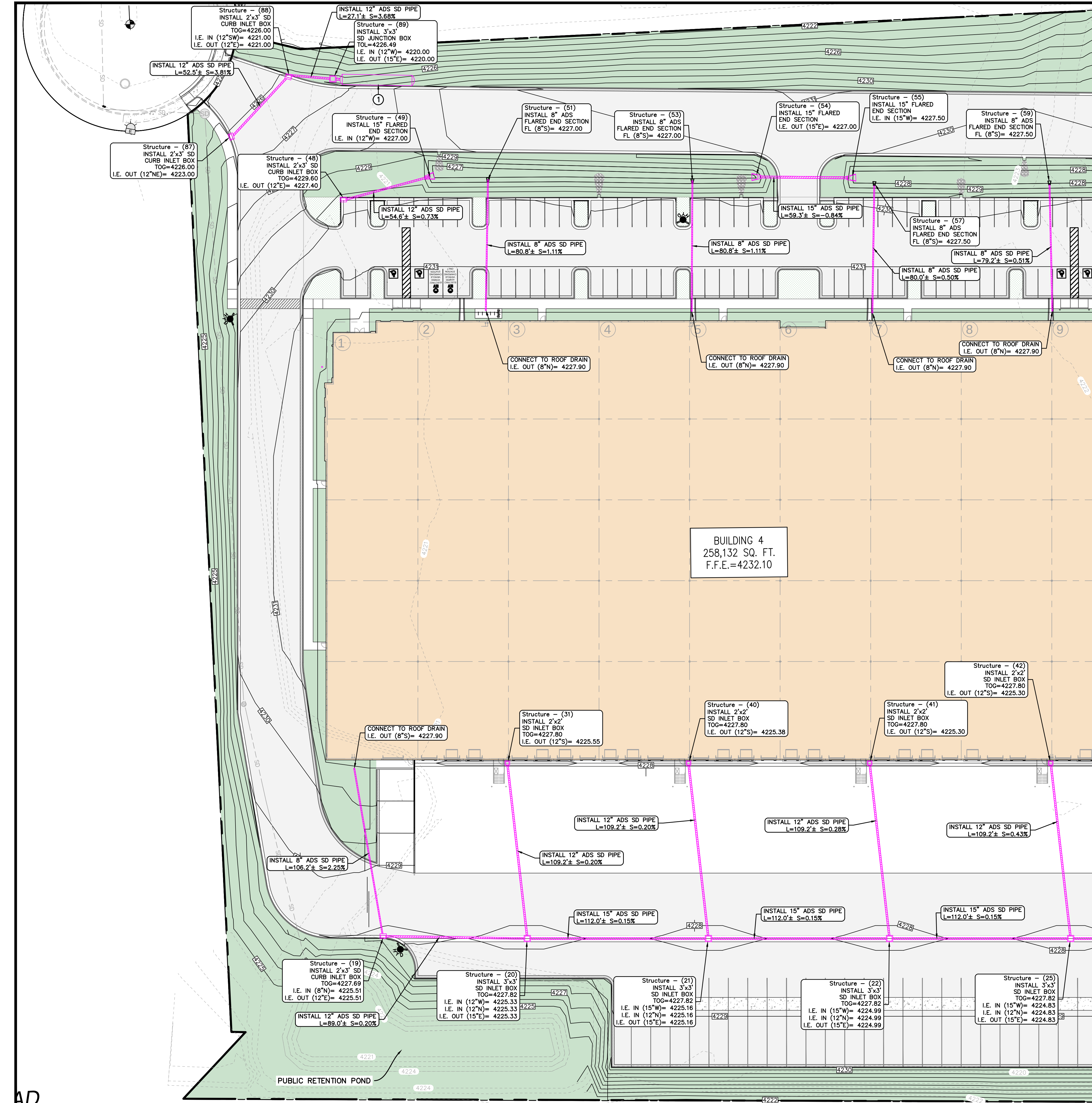
700 SOUTH – BUILDING 4
804 S 6200 W, SALT LAKE CITY, UTAH

GRADING & DRAINAGE OVERVIEW

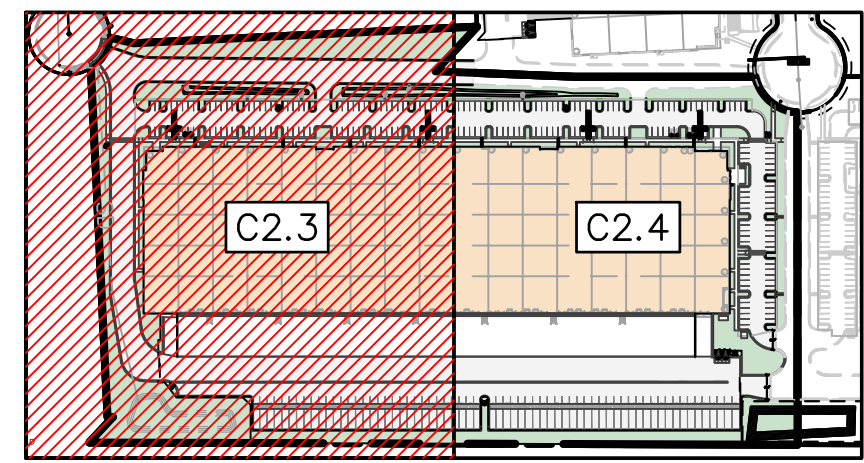


SHEET NO.
C2.0

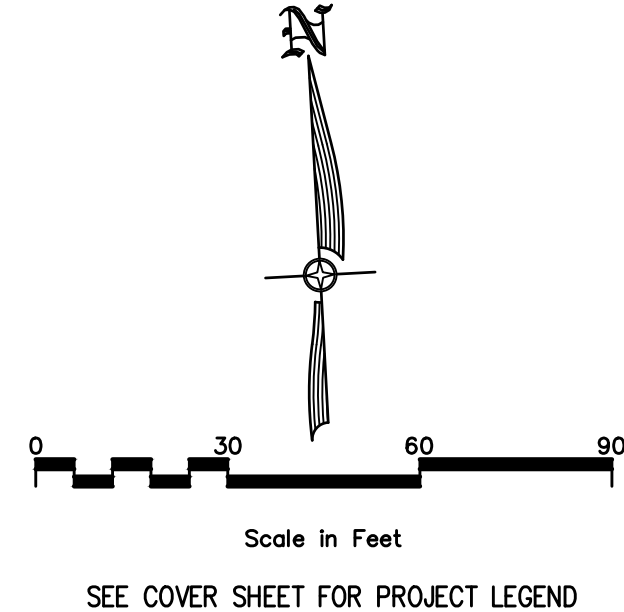
PROJECT ID: A-1000	DATE: 07/01/20
FILE NAME: PRJ-7S1	SCALE: 1"=50'



MATCHLINE - SEE SHEET C2.4



KEY MAP
NOT TO SCALE



RIGHT OF WAY NOTE
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SITE LIGHTING NOTE
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DRAINAGE PLAN KEYNOTES:
① INSTALL ONE ROW OF 6 MC-3500 STORMTECH RETENTION CHAMBER OR APPROVED EQUIVALENT. BOTTOM OF CHAMBERS TO BE INSTALLED AT 4220.00. RETENTION VOL PROVIDED = 1,315 CF. CHAMBERS TO BE INSTALLED PER MANUFACTURES SPECIFICATIONS.

1	QTY	COMMENTS	SKG	07/01/26

NO	REVISIONS	BY	DATE

DESIGNER: SDT
PROJECT ENGINEER: SDT

CIVIL ENGINEERING + SURVEYING

10718 S BECKSTEAD LANE, SUITE 102
South Jordan, Utah - 84094-6296

700 SOUTH - BUILDING 4
804 S 6200 W, SALT LAKE CITY, UTAH
DRAINAGE PLAN



SHEET NO.
C2.3

PROJECT ID: A-1000
DATE: 07/01/26
FILE NAME: PRJ-751
SCALE: 1"=30'



UTILITY NOTES:
ALL UTILITIES MUST MEET HORIZONTAL AND VERTICAL CLEARANCE REQUIREMENTS. WATER AND SEWER LINES REQUIRE 10 FEET MINIMUM HORIZONTAL SEPARATION AND 18 INCHES MINIMUM VERTICAL SEPARATION. SEWER MUST MAINTAIN 5 FEET MINIMUM HORIZONTAL SEPARATION AND 12 INCHES VERTICAL SEPARATION FROM ANY NON-WATER UTILITIES. WATER MUST MAINTAIN 3 FEET MINIMUM HORIZONTAL SEPARATION AND 12 INCHES VERTICAL SEPARATION FROM ANY NON-SEWER UTILITIES.

WATER SERVICE MUST RUN PERPENDICULAR TO THE WATER MAIN FROM THE CONNECTION OF THE WATER MAIN TO THE WATER METER AND FOR THREE FEET BEYOND THE WATER METER. WATER SERVICE CAN THEN BEND AS NEEDED.

SEWER LATERALS MUST GRAVITY DRAIN ALL FLOORS AND MEET MINIMUM SLOPE REQUIREMENTS PER CITY ORDINANCE.

ALL UTILITY TRENCHING MUST BE PER SLOPU STANDARD PRACTICE NO. 1.

POWER COMPANY, GAS COMPANY AND COMMUNICATION COMPANIES ARE RESPONSIBLE FOR SUBMITTING DESIGN PLANS AS REQUIRED BY TITLE 14 CHAPTER 32 OF THE REVISED ORDINANCES OF SALT LAKE CITY FOR ALL PROPOSED WORK FOR THEIR RESPECTIVE UTILITY LINES FOR THIS PROJECT IN OR ADJACENT TO THE CITY ROW OR A PUBLIC UTILITY ROW. PLAN REVIEWS ARE REQUIRED BY THE PUBLIC UTILITIES DEPARTMENT. UTILITY COORDINATOR AND THE CITY ENGINEERING PUBLIC WAY PERMIT PLAN REVIEWER.

ALL THRUST BLOCKS ON FIRE LINES TO MEET THE SIZE REQUIREMENTS PER NFPA 24 SPECIFICATIONS.

ALL WATER MAINS AND LATERALS SHALL HAVE A MINIMUM DEPTH OF BURY OF 5 FEET.

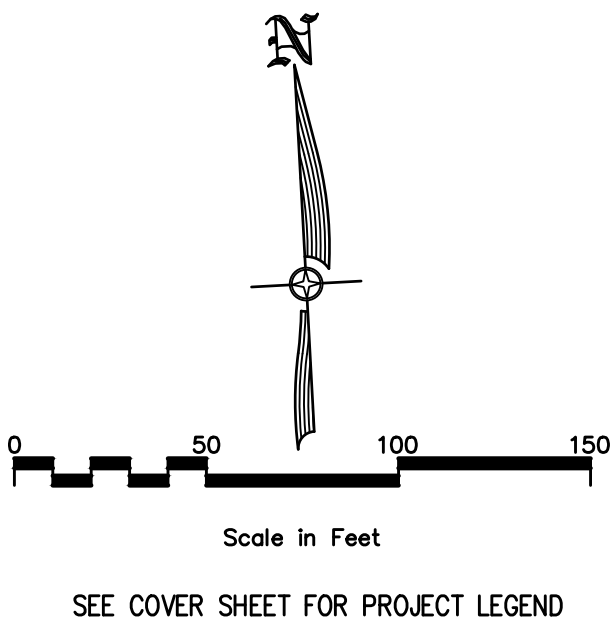
IN WET CONDITIONS, ADDITIONAL FABRIC SHALL BE REQUIRED BY SALT LAKE CITY PUBLIC UTILITIES.

WATER LATERALS THAT SUPPLY WATER BASED FIRE PROTECTION SHALL BE FERROUS PIPE WHEN IT PASSES THROUGH A FOUNDATION WALL OR UNDER FOOTING AND FOUNDATION WALLS AND SHALL EXTEND SIX FEET BEYOND THE FOOTING AND FOUNDATION WALLS.

IRRIGATION SLEEVING NOTE:
CONTRACTOR TO REFER TO IRRIGATION PLANS FOR IRRIGATION SLEEVING LOCATIONS. ALL SLEEVING TO BE INSTALLED PRIOR TO PAVING.

PUBLIC ROW NOTE:
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PUBLIC LIGHTING NOTE:
ALL PUBLIC LIGHTING SHALL REMAIN OPERATIONAL THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. IF ANY DAMAGE HAPPENS TO A STREET LIGHT, THE CONTRACTOR WILL BE REQUIRED TO FIX THE STREETLIGHT TO MEET THE CURRENT SLOPU STANDARDS AT THE OWNER'S EXPENSE.



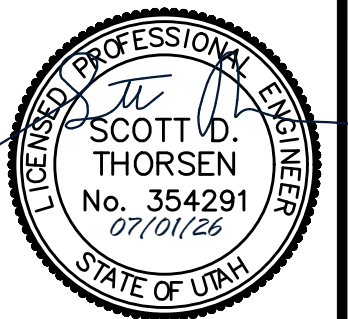
NO	REVISIONS	BY	DATE
1			

1	CITY COMMENTS	SKG	07/01/26
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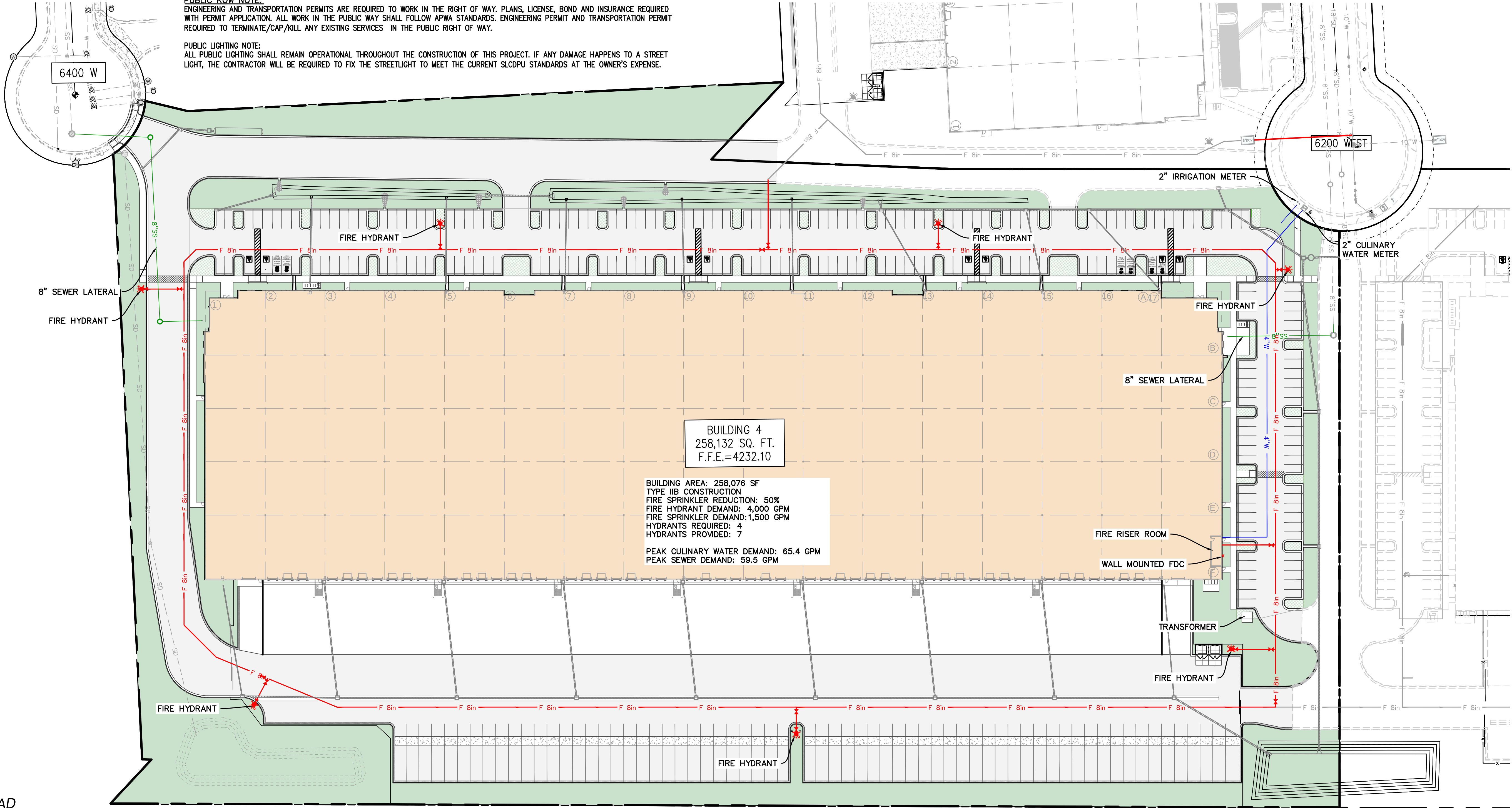
DESIGNER: SDT	PROJECT ENGINEER: SDT
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CIR | CIVIL ENGINEERING + SURVEYING
10718 S BECKSTEAD LANE, SUITE 102
South Jordan, Utah - 84094-6296

700 SOUTH — BUILDING 4
804 S 6200 W, SALT LAKE CITY, UTAH
UTILITY OVERVIEW

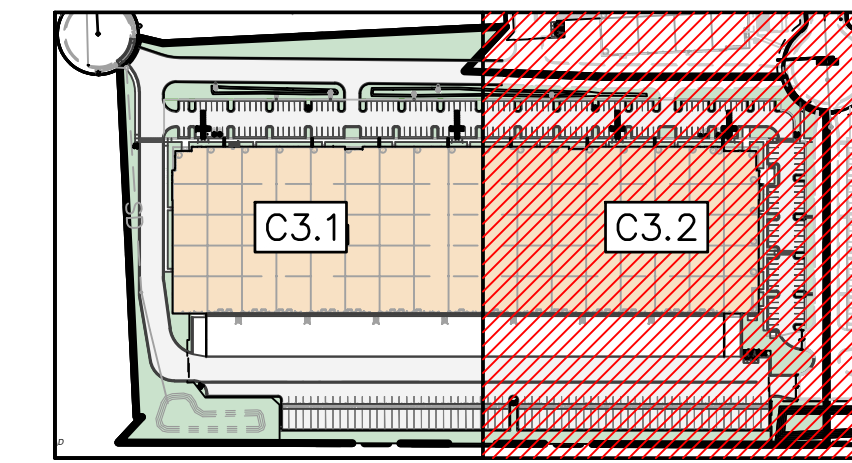
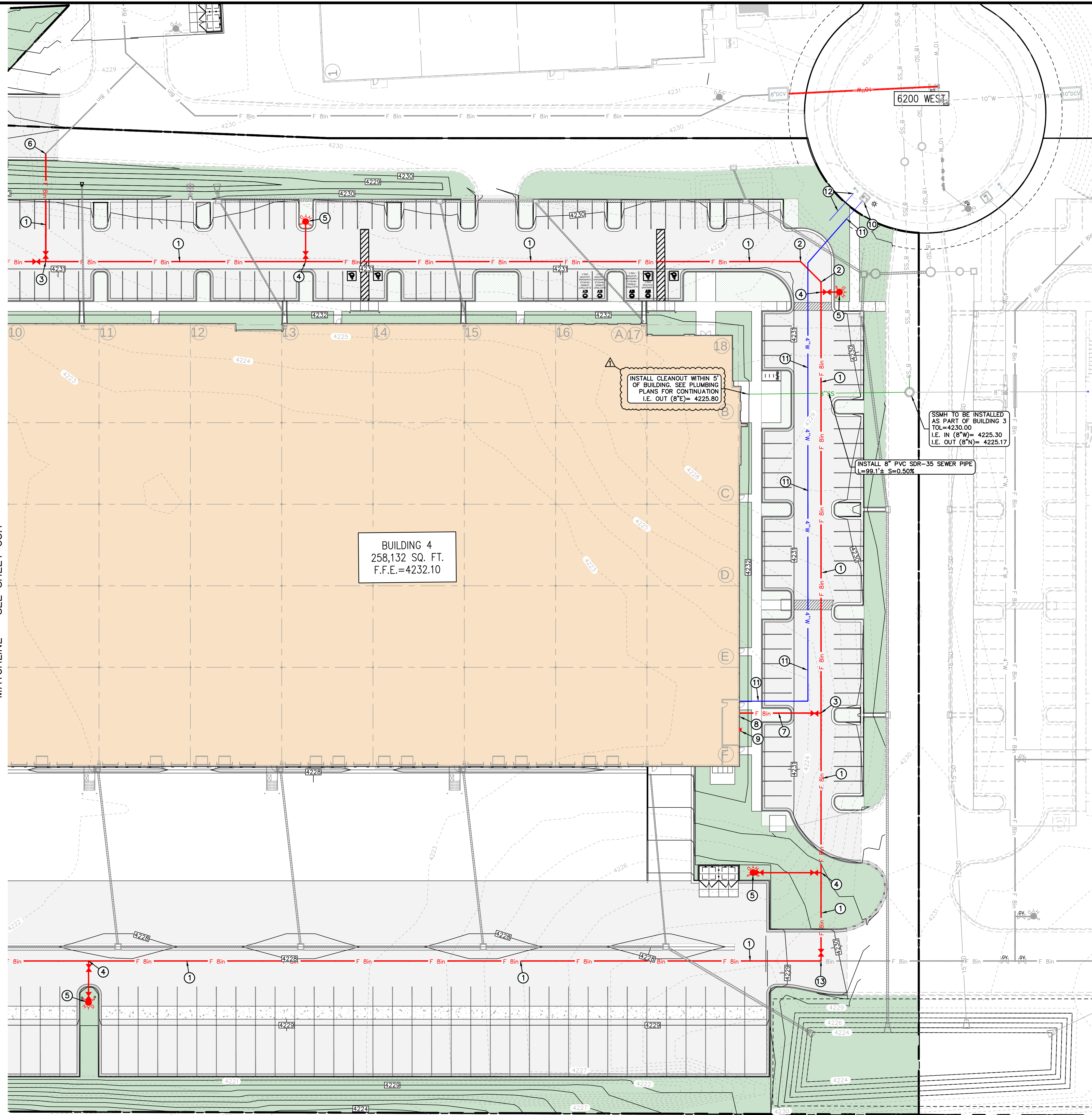


SHEET NO.	C3.0
PROJECT ID:	A-1000
DATE:	07/01/26
FILE NAME:	PRJ-751
SCALE:	1"=50'



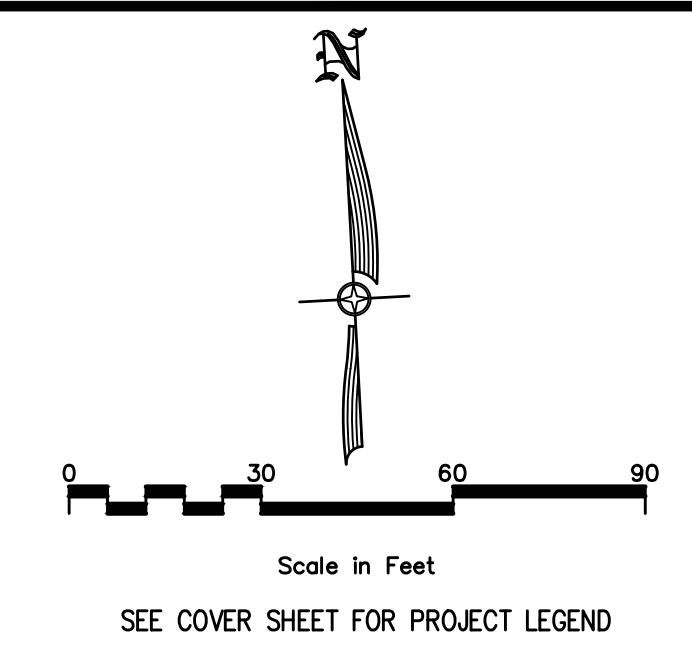
ILROAD
02

UNION PACIFIC RAILROAD
14-11-504-001



KEY MAP
NOT TO SCALE

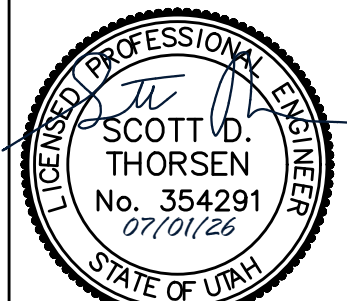
RIGHT OF WAY NOTE
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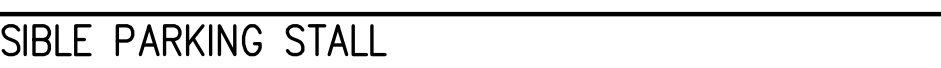
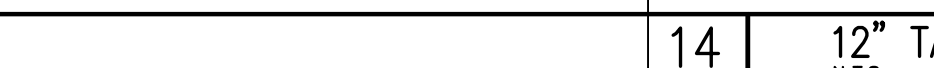
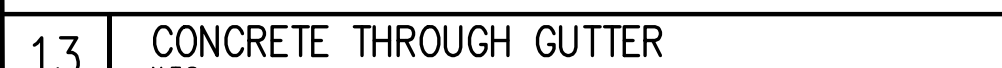
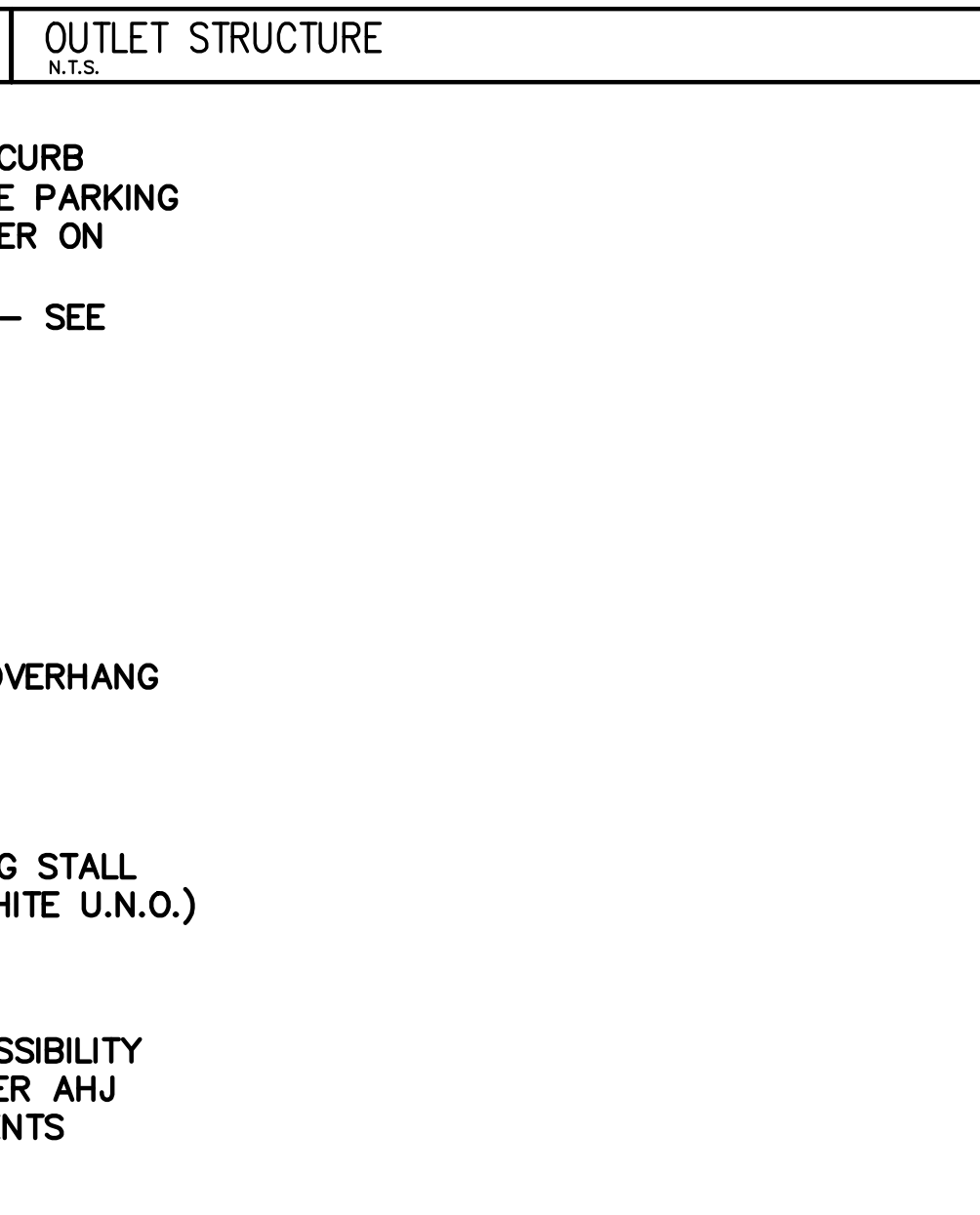
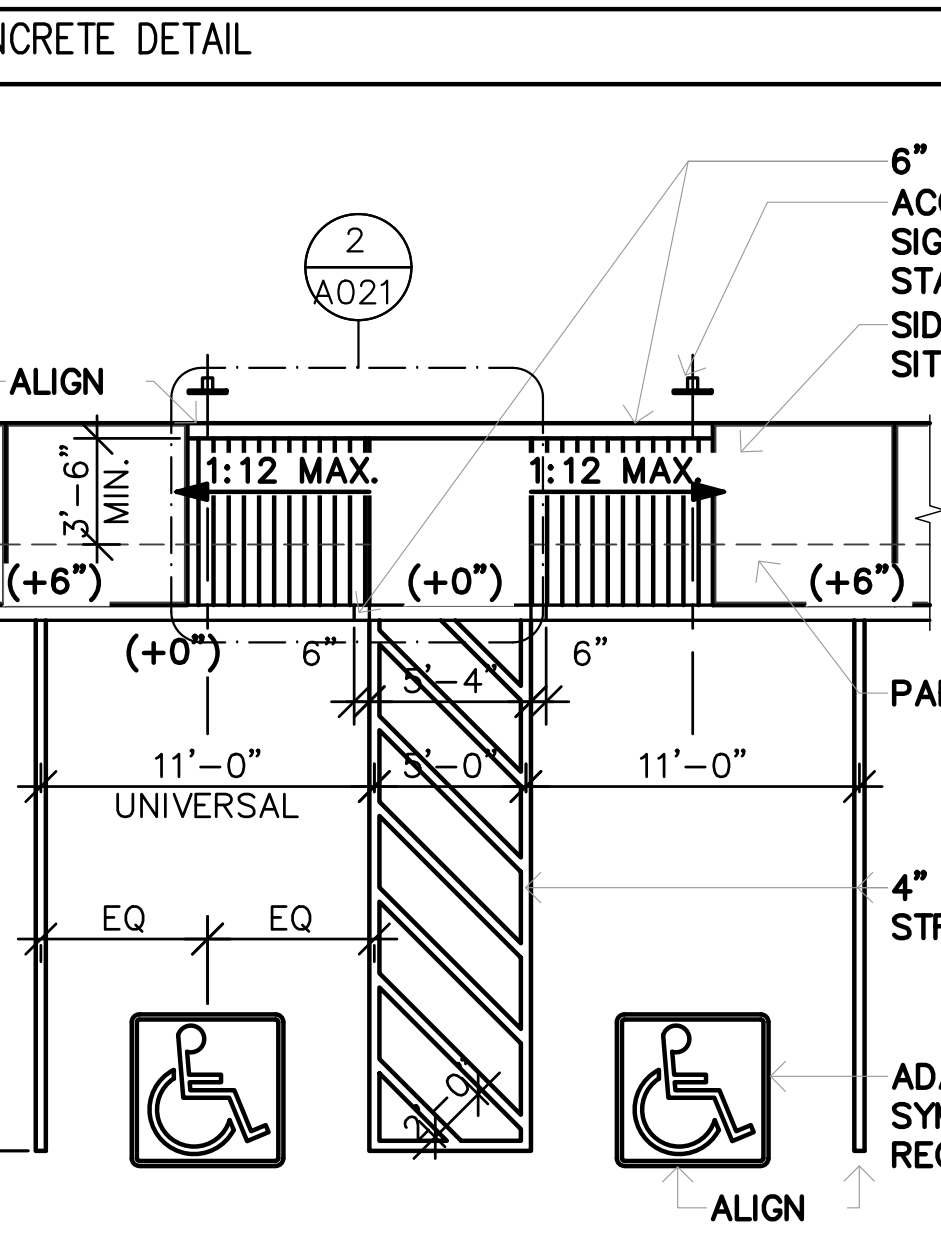
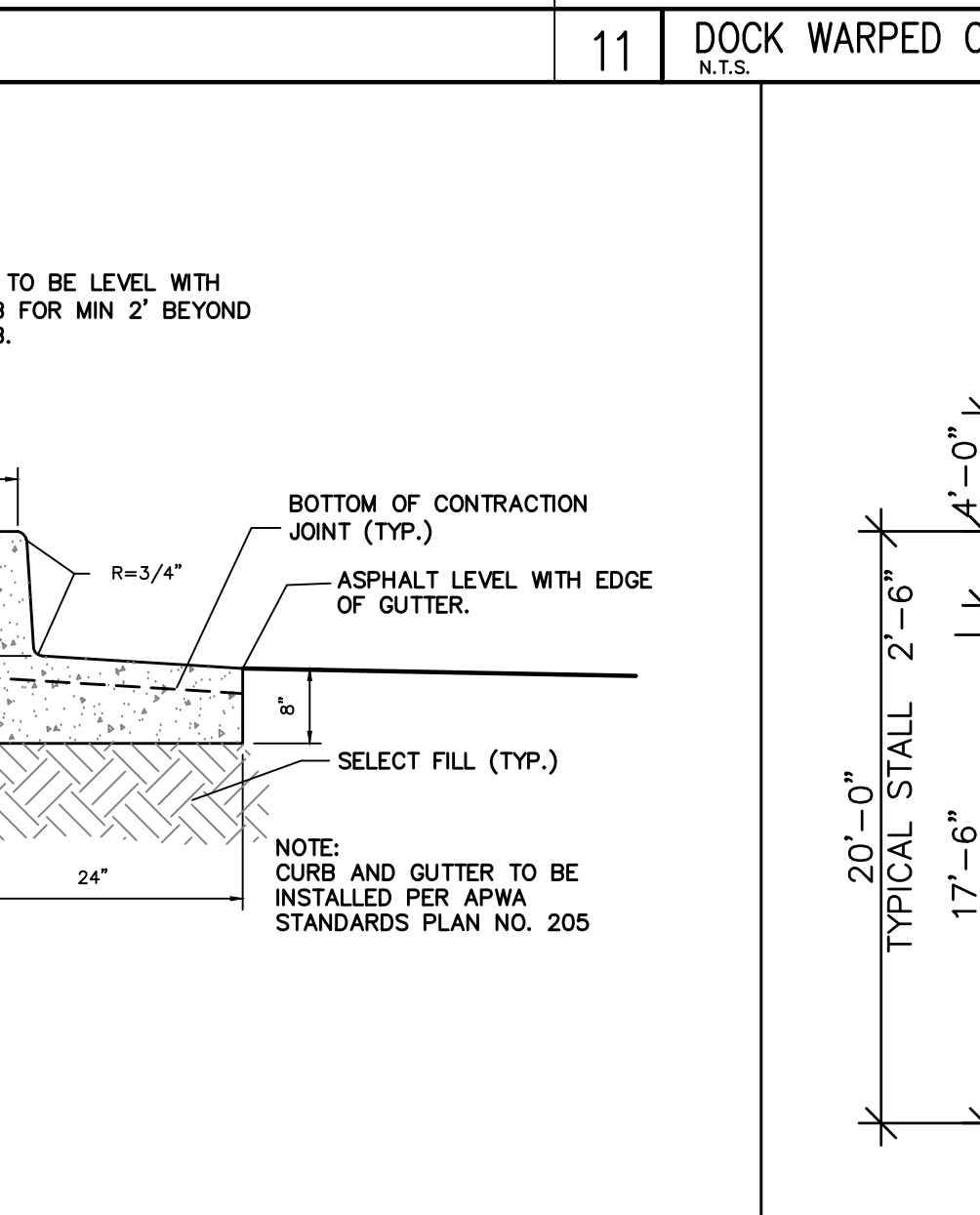
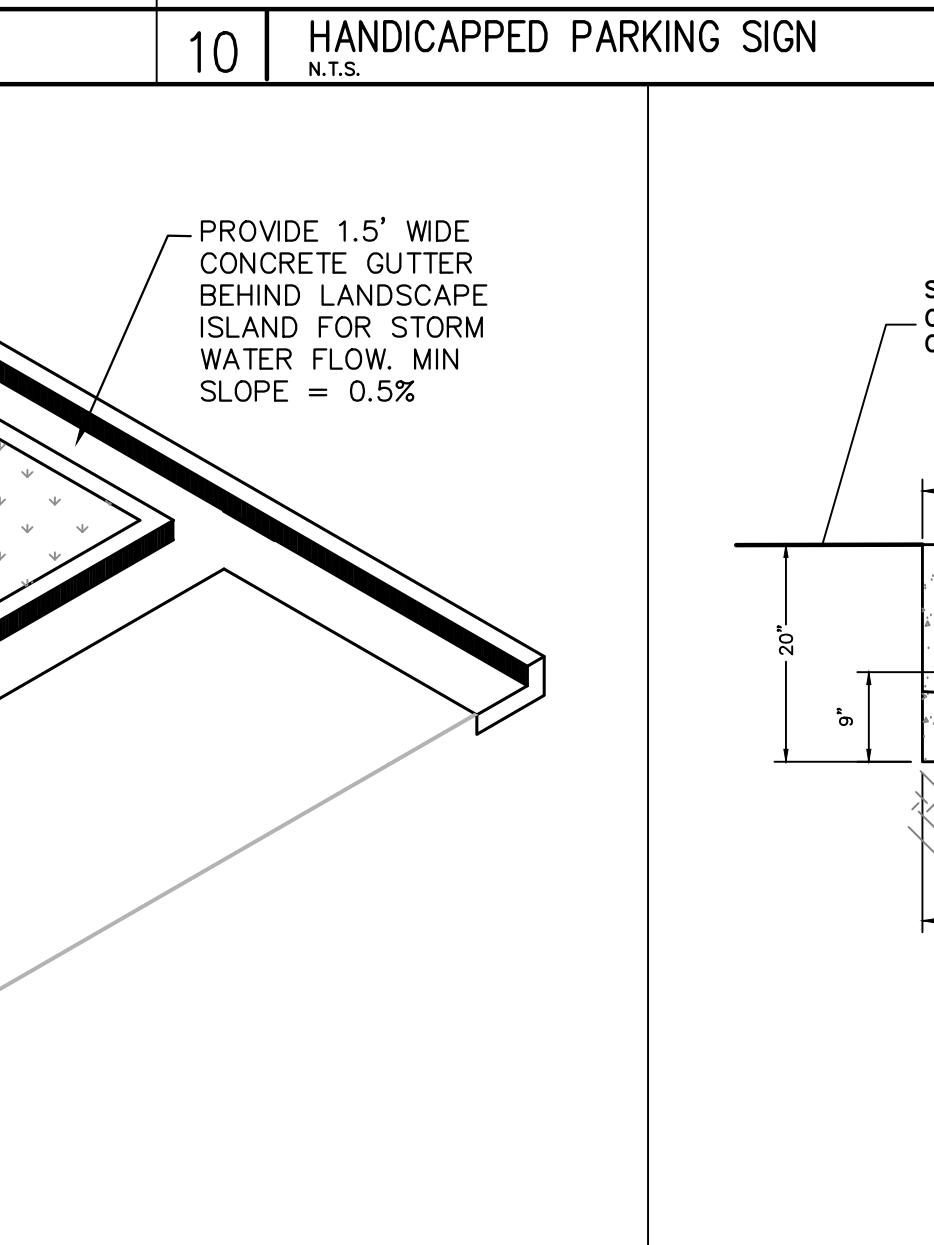
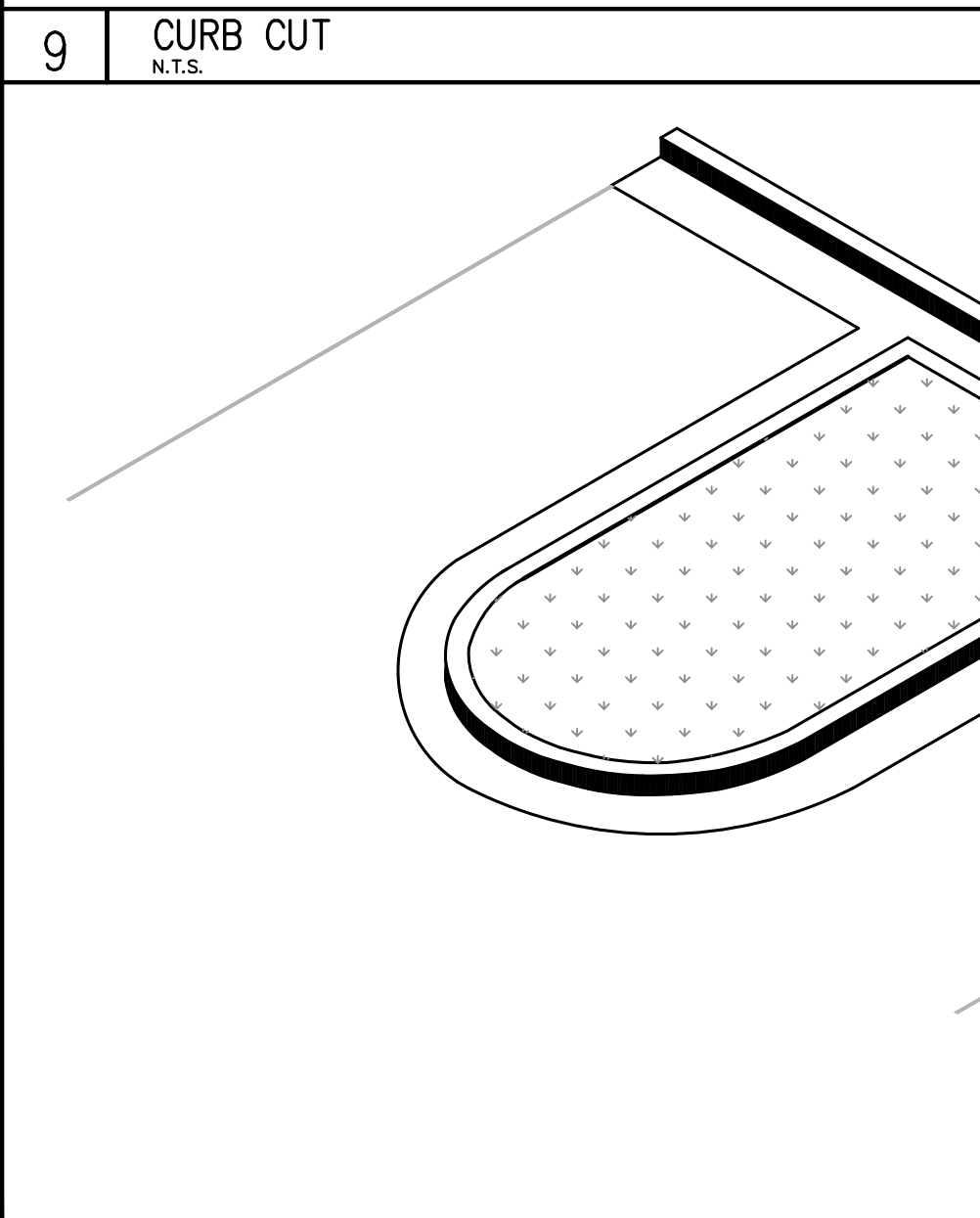
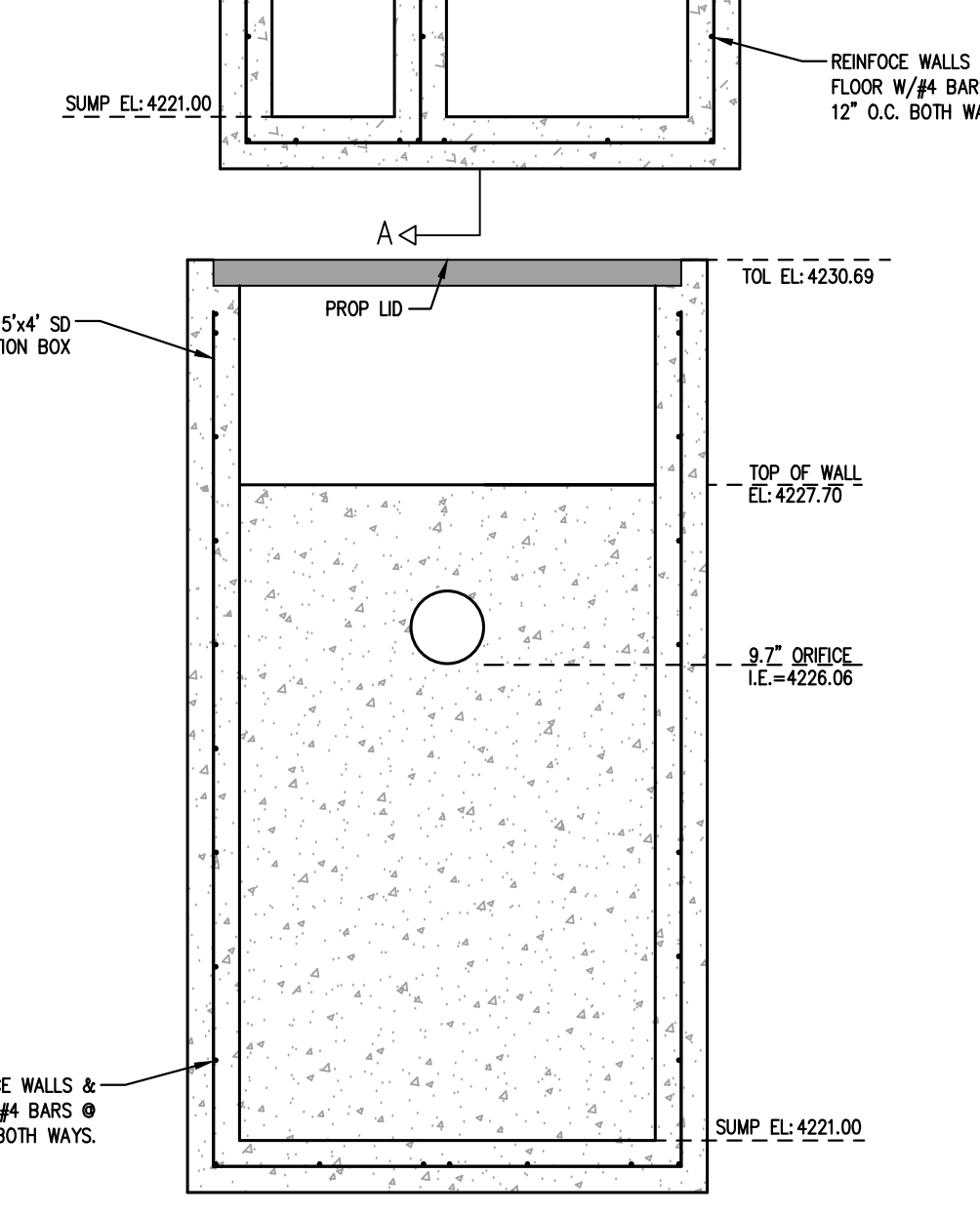
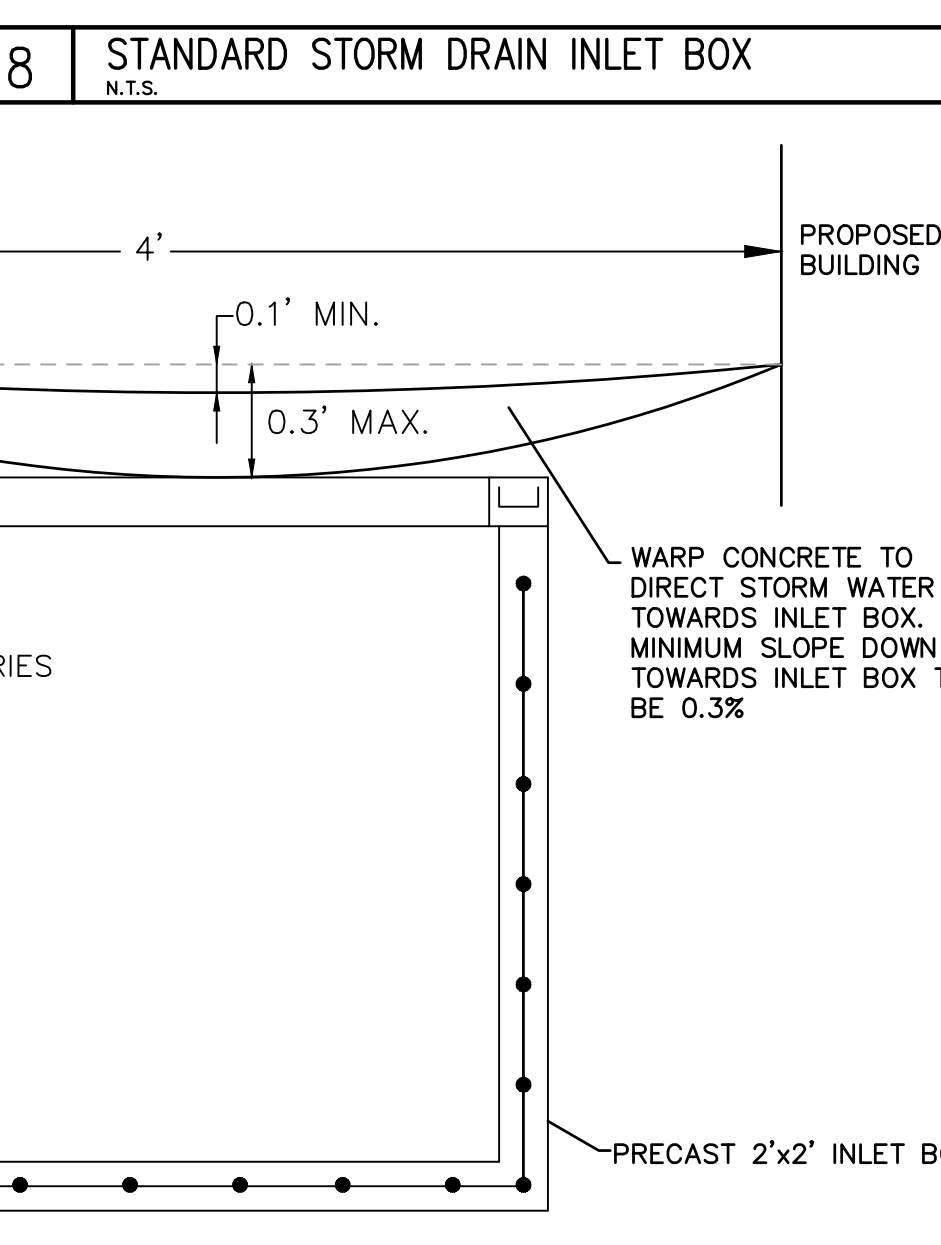
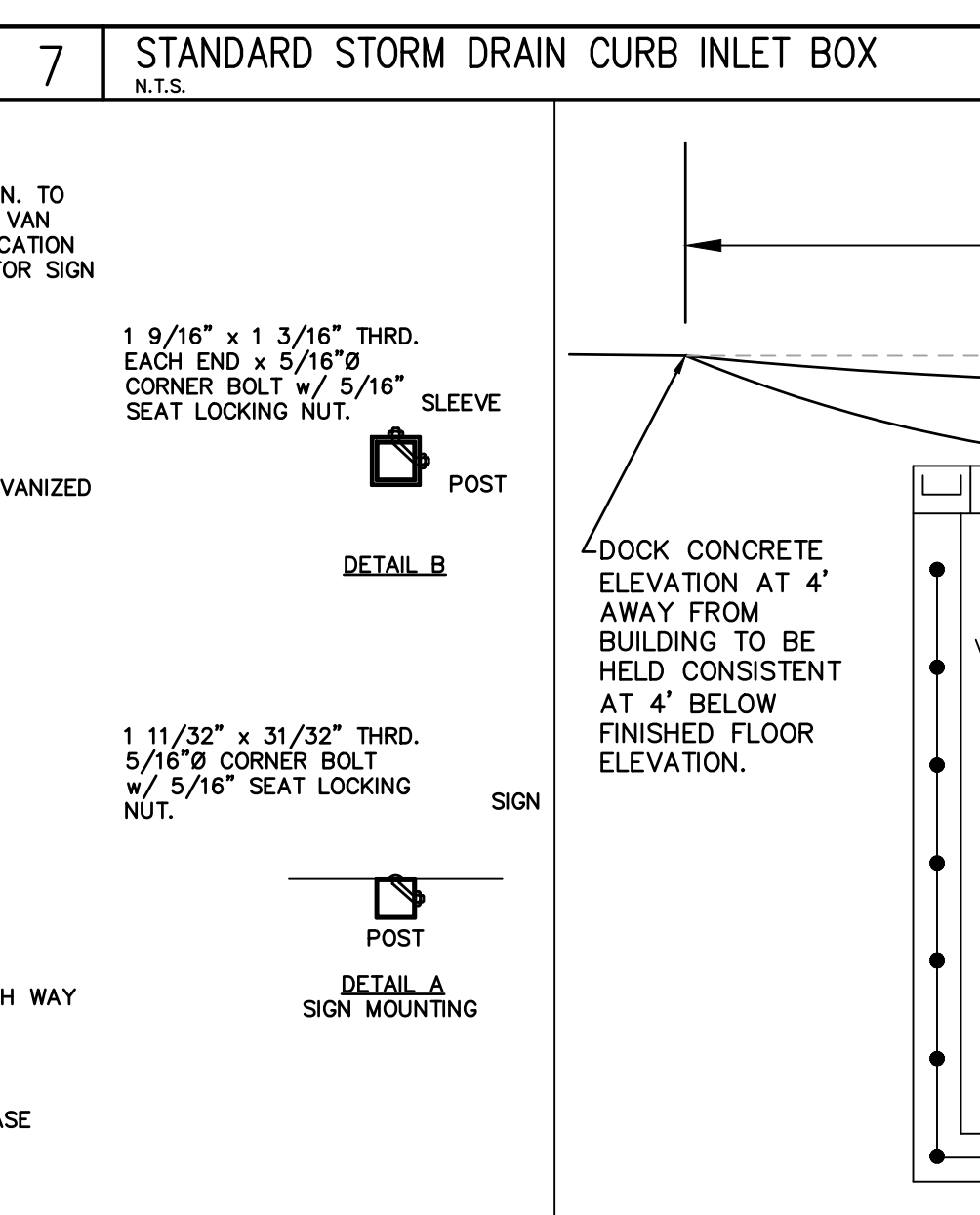
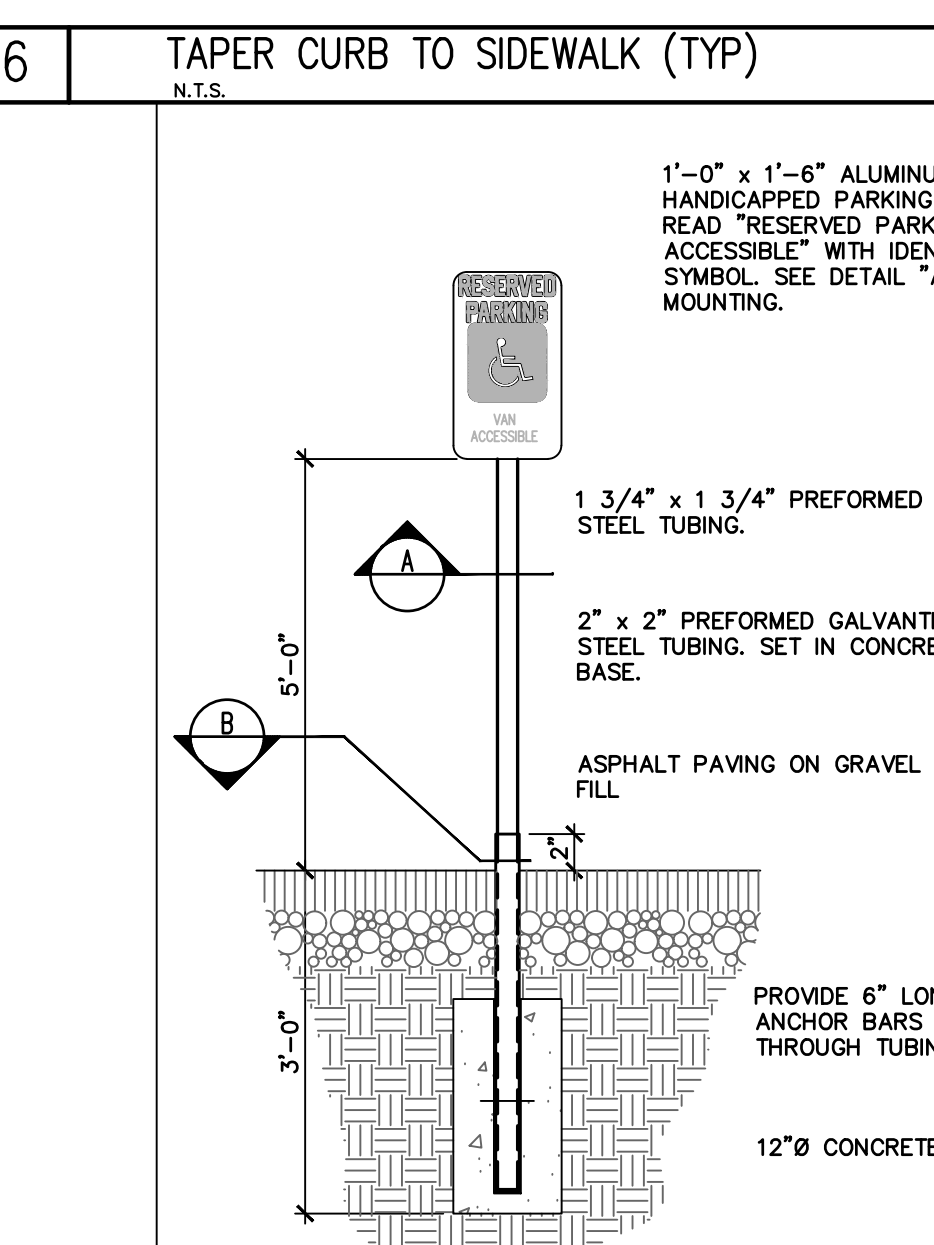
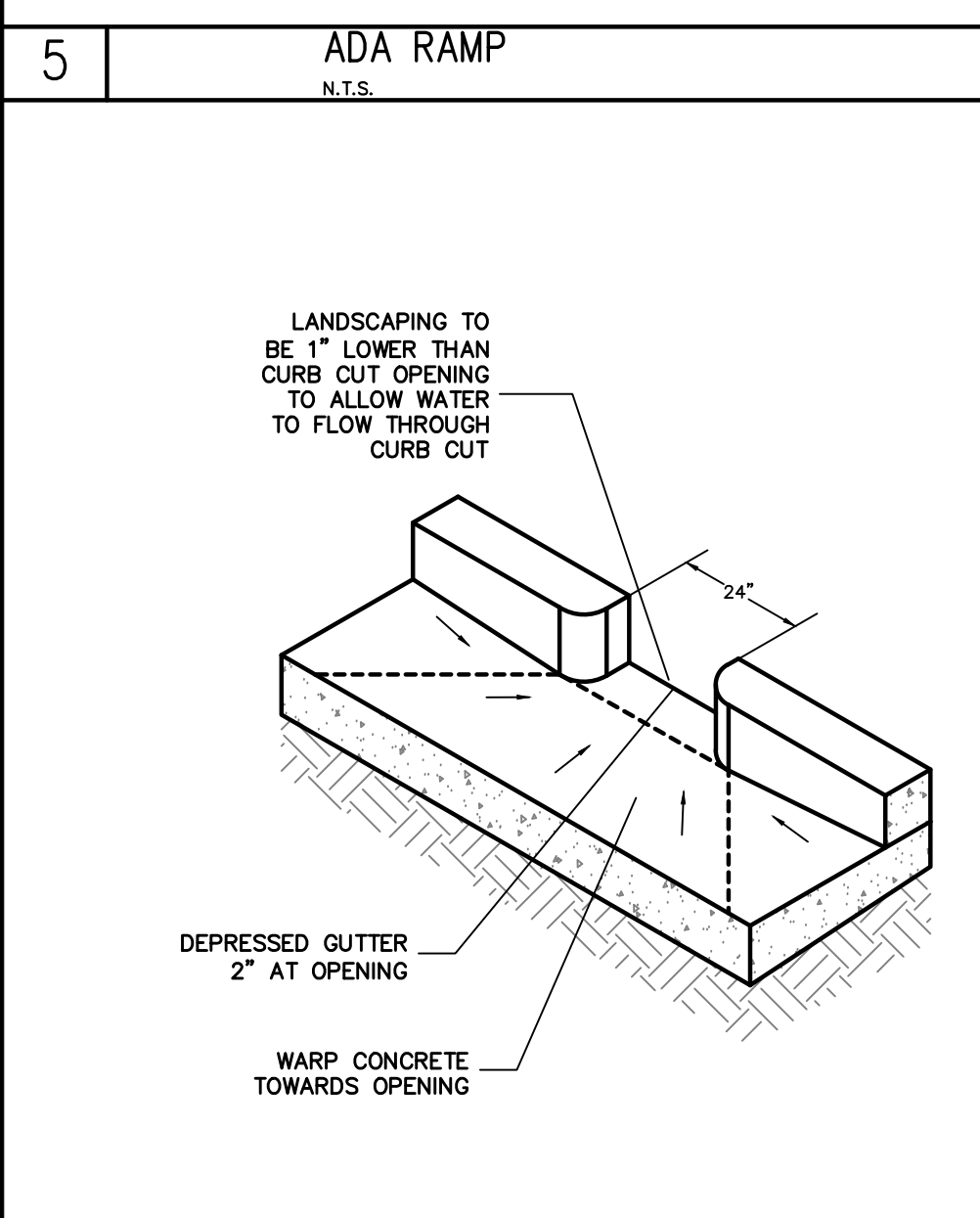
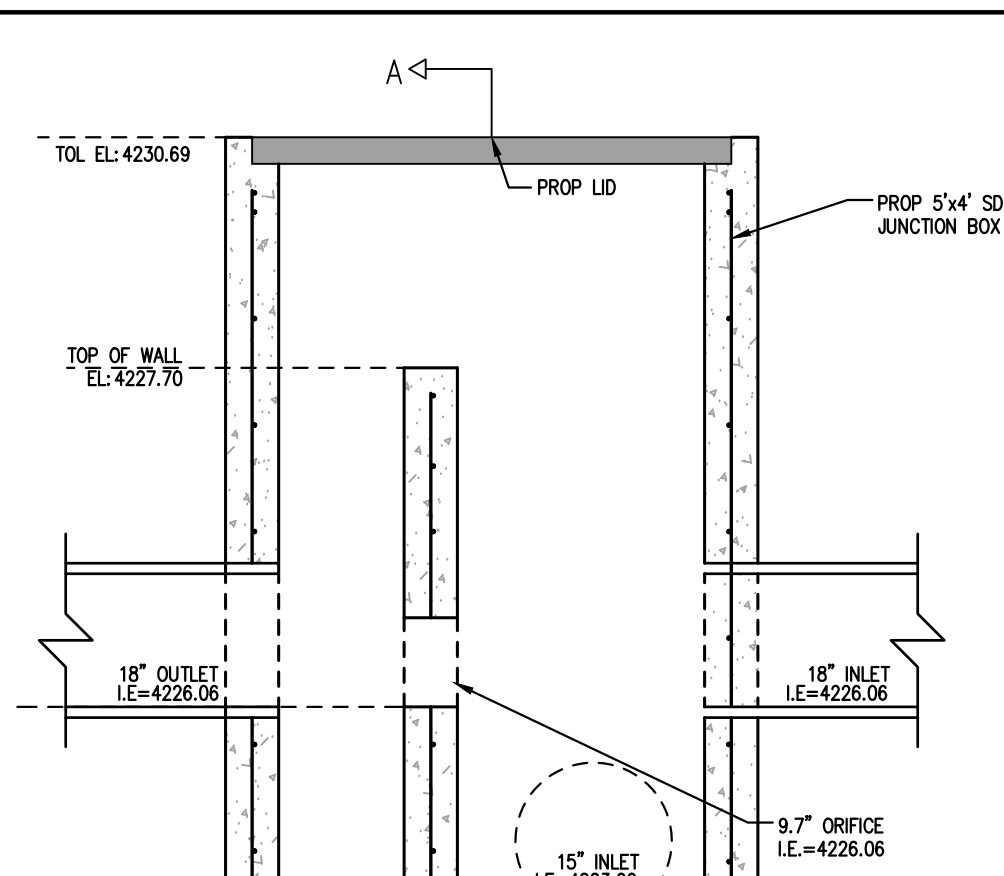
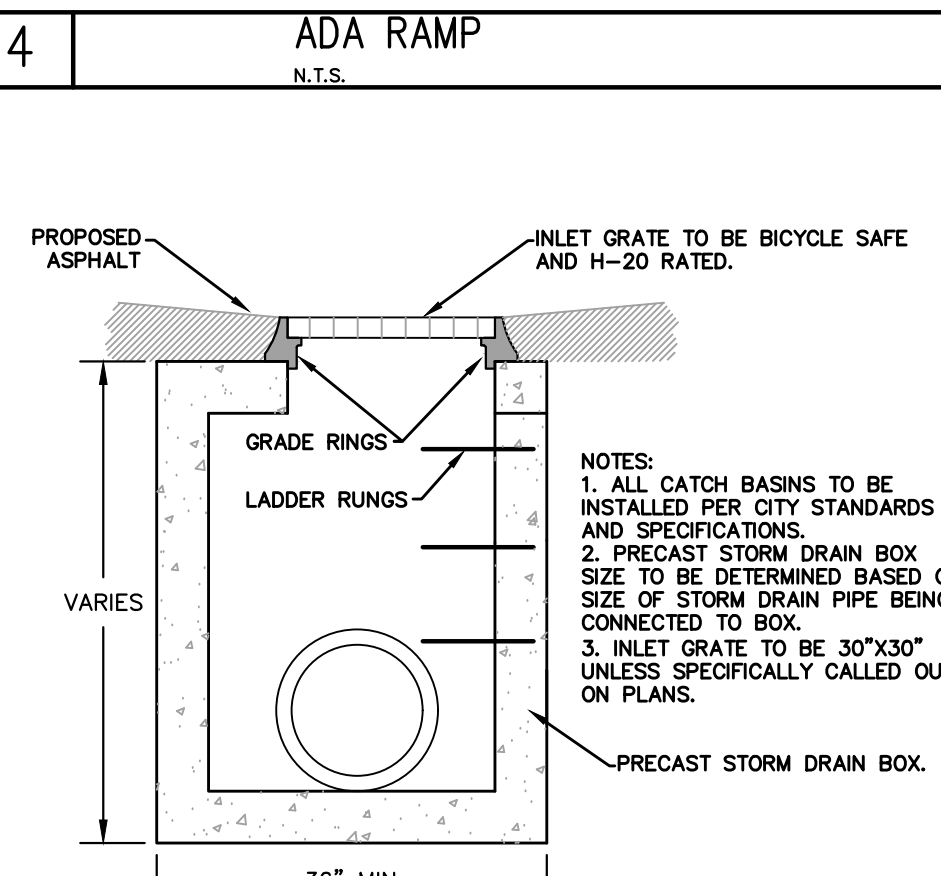
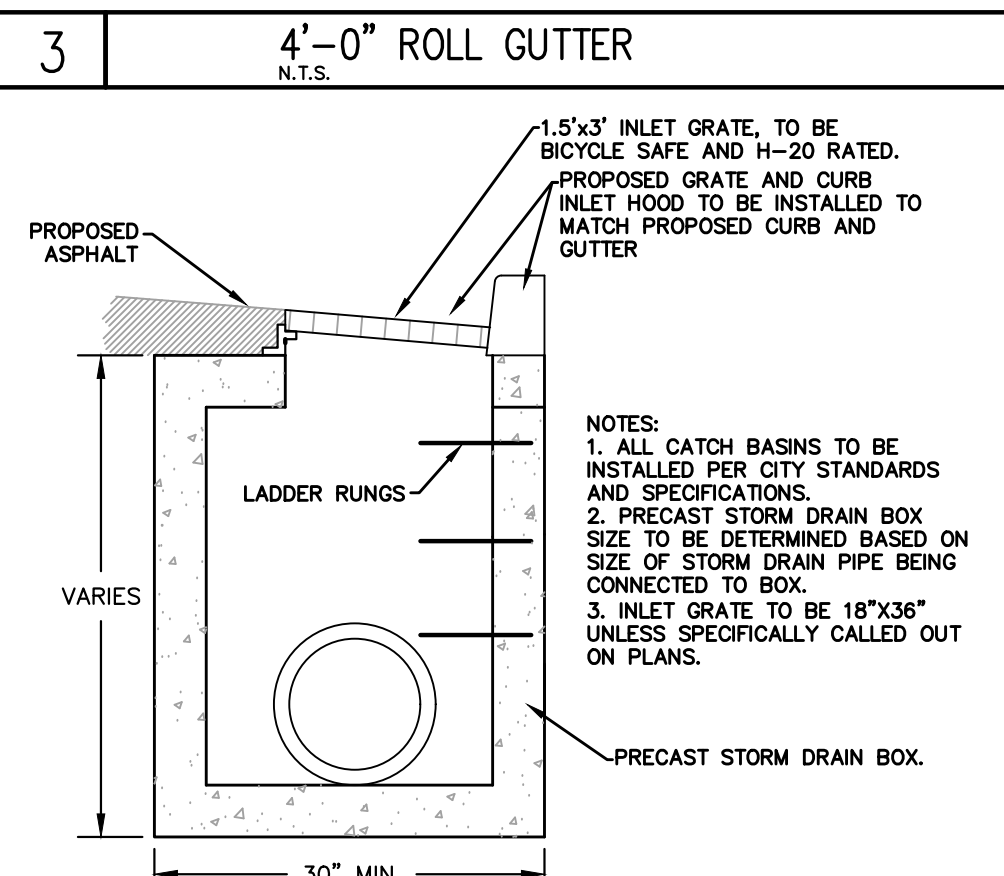
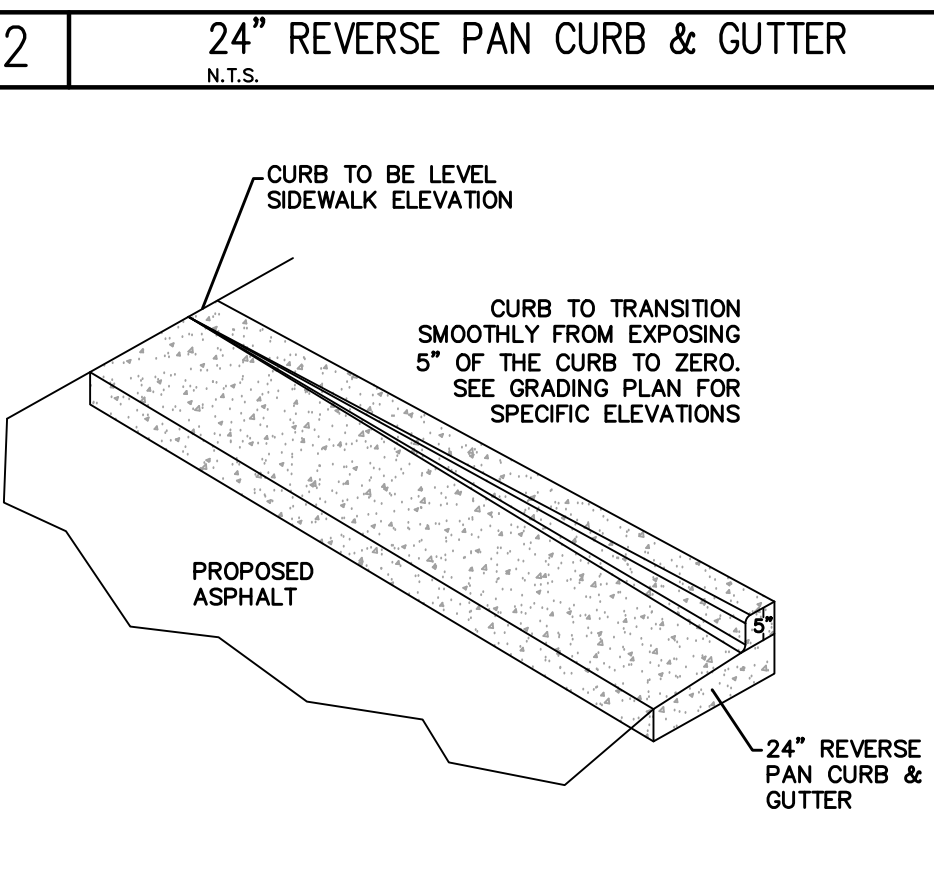
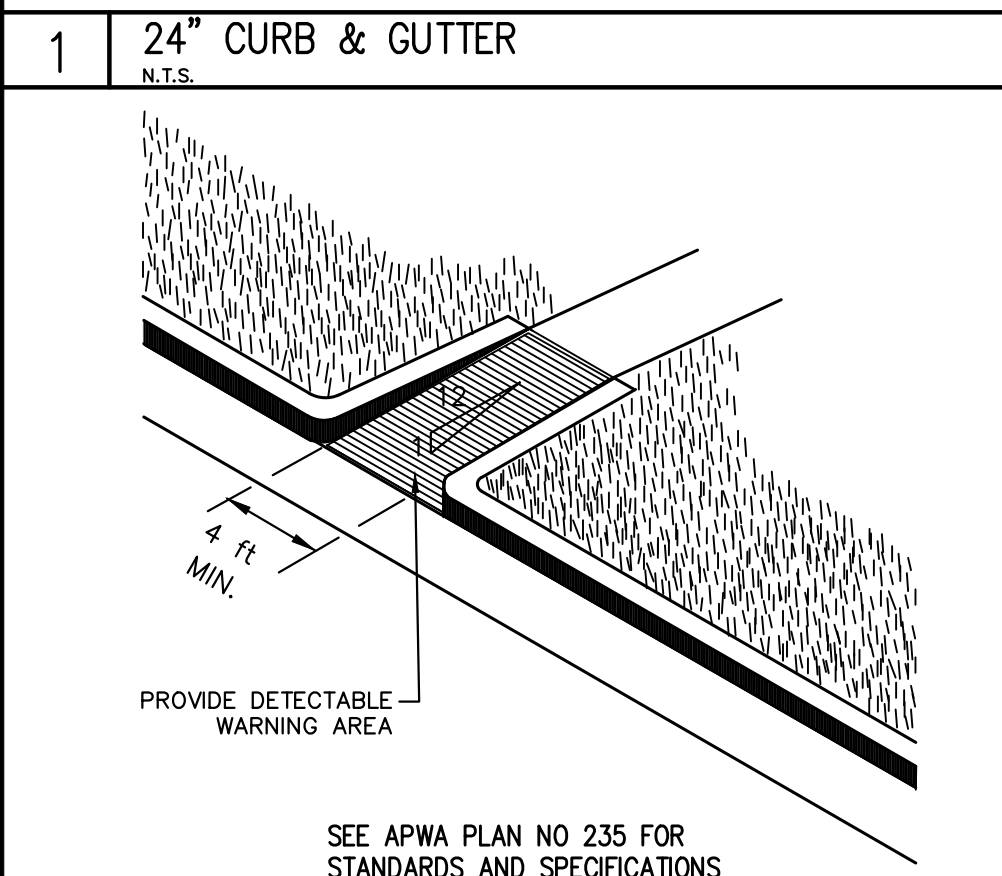
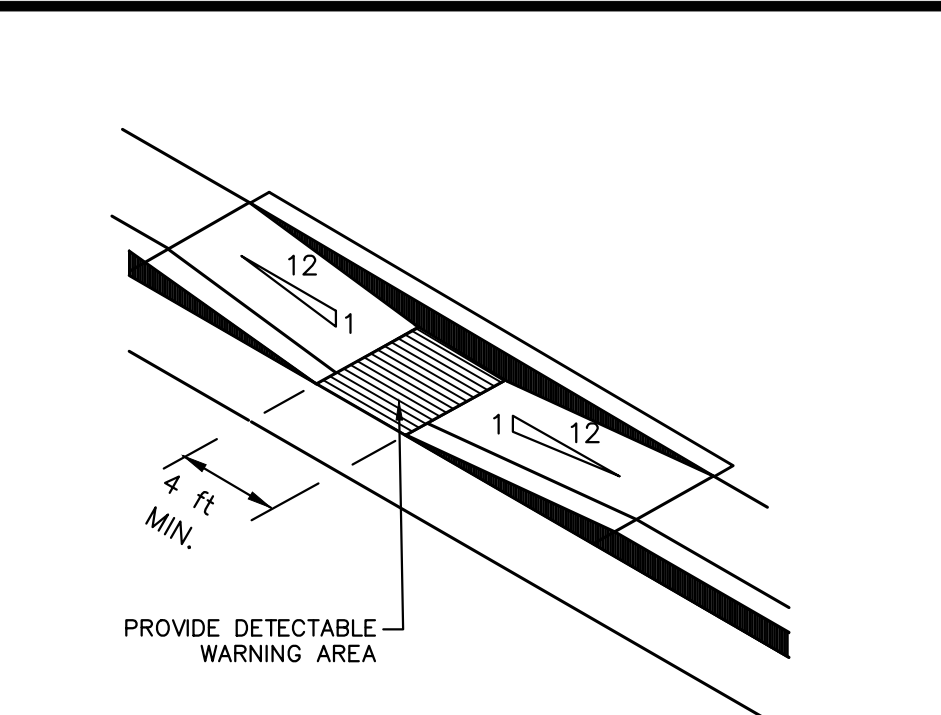
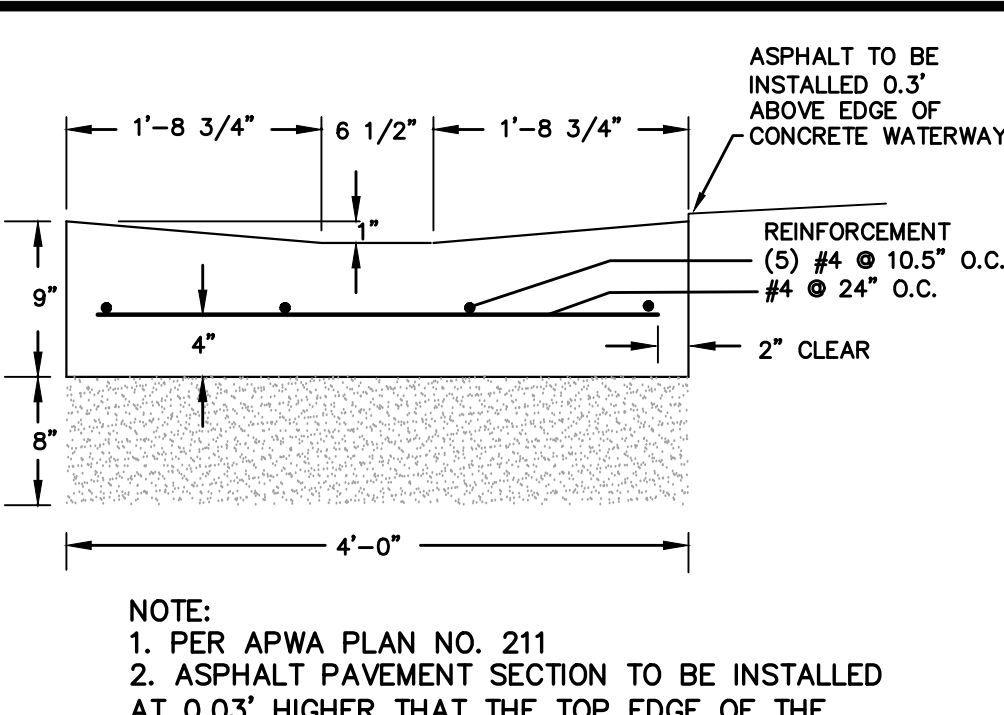
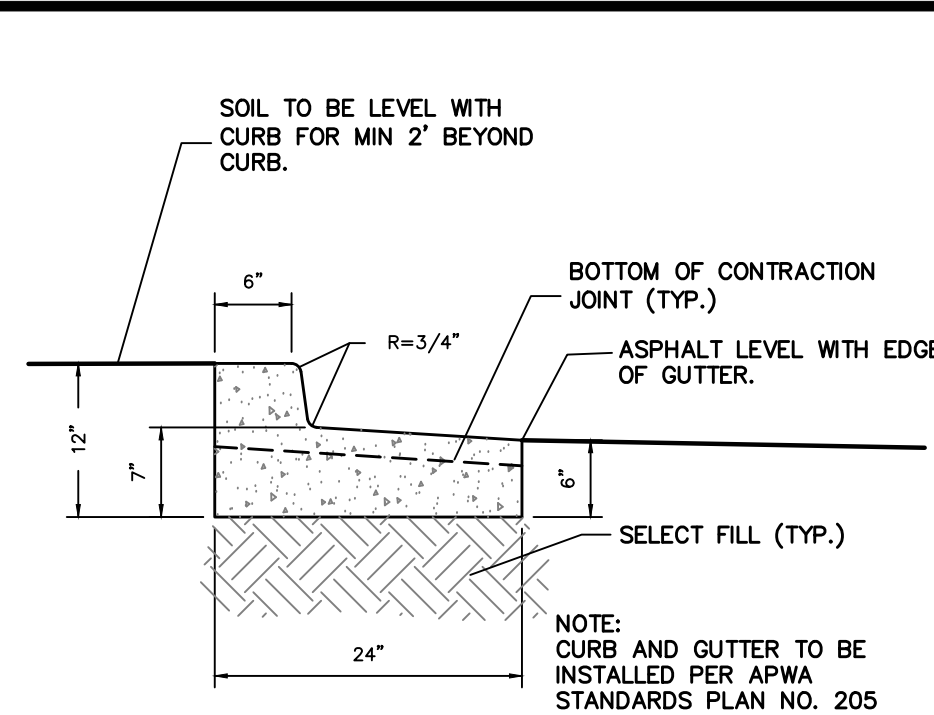
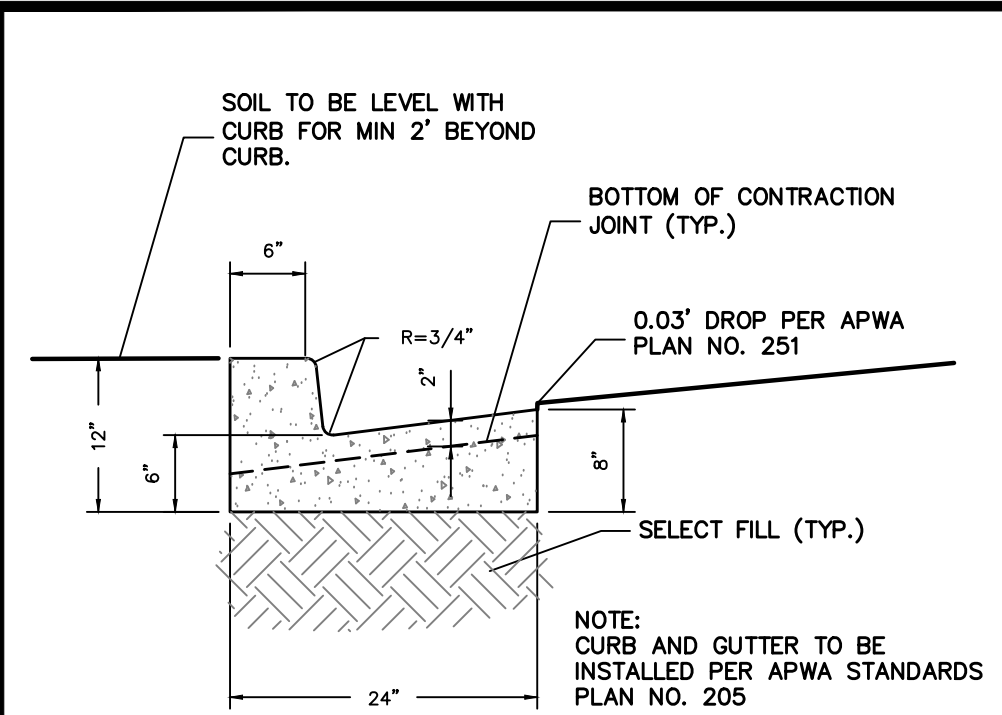


SEE COVER SHEET FOR PROJECT LEGEND

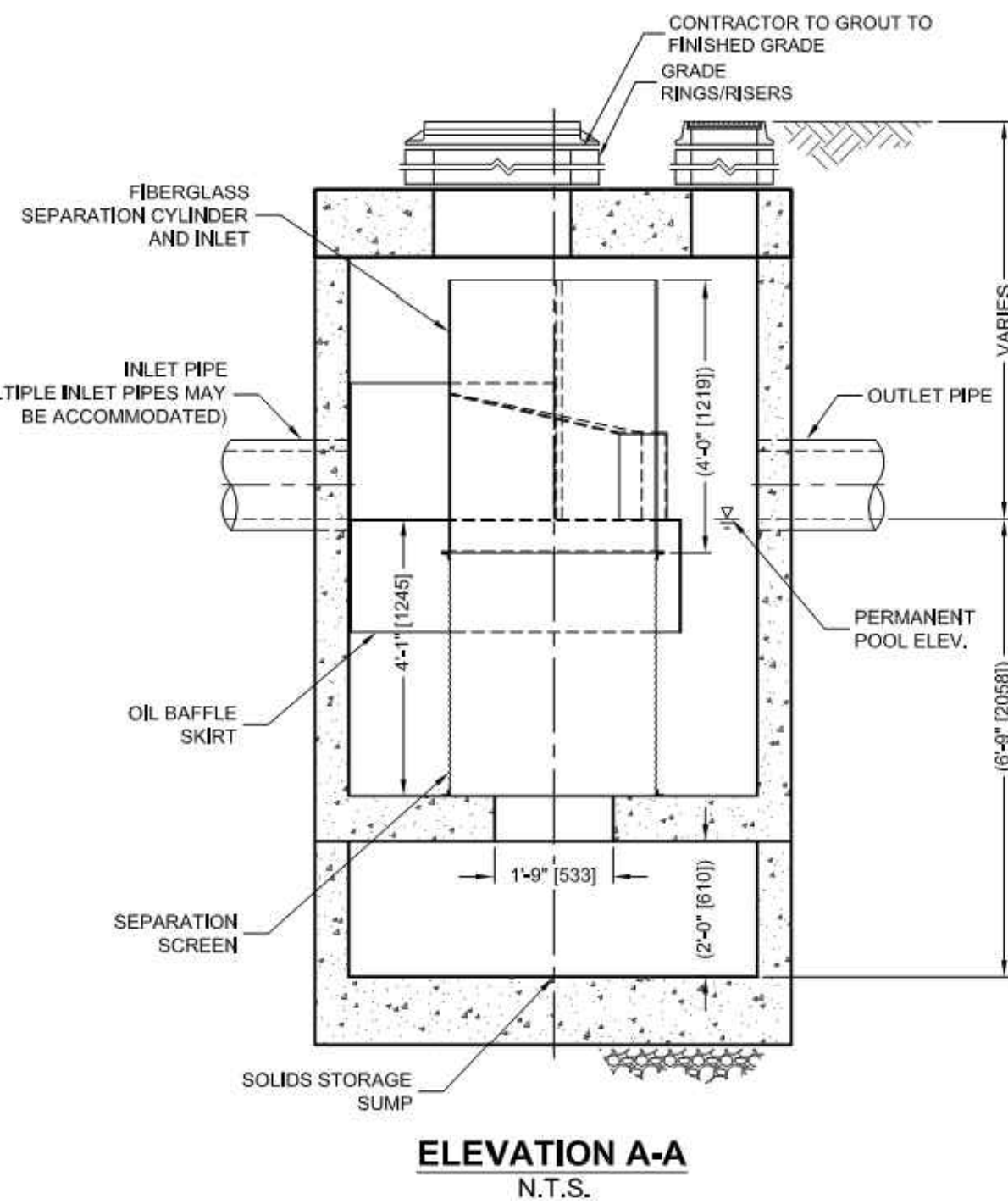
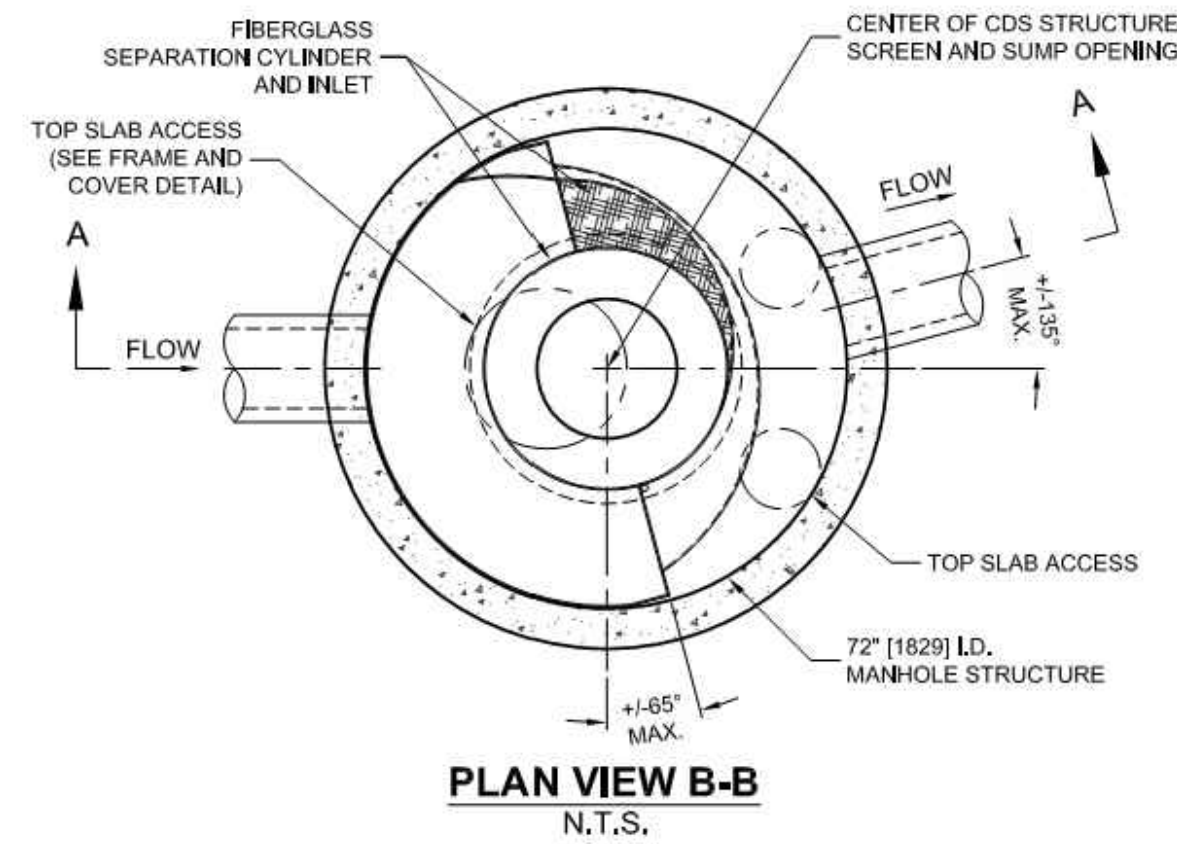
SITE LIGHTING NOTE
ALL LIGHTING ON THE PROPERTY, INCLUDING LIGHTING ON THE BUILDING, PARKING AREAS AND FOR SIGNS, SHALL BE SHIELDED TO DIRECT LIGHT DOWN AND AWAY FROM THE EDGES OF THE PROPERTY TO ELIMINATE GLARE OR LIGHT INTO ADJACENT PROPERTIES AND HAVE CUTOFFS TO PREVENT UPWARD LIGHT. UPLIGHTING AND EVENT SEARCHLIGHTS ARE PROHIBITED PER 21A.34-140.1B.

- ## UTILITY SHEET KEYNOTES:
- ① INSTALL 8" PVC C-900 FIRE LINE.
 - ② INSTALL 8" 45° BEND W/THRUST BLOCK PER NFPA 24 STANDARDS.
 - ③ INSTALL 8"x8" TEE & 6" GATE VALVE W/THRUST BLOCKS PER NFPA 24 STANDARDS.
 - ④ INSTALL 8"x6" TEE & 6" GATE VALVE W/THRUST BLOCKS PER NFPA 24 STANDARDS.
 - ⑤ INSTALL FIRE HYDRANT W/GATE VALVE PER APWA PLAN NO. 511.
 - ⑥ CONNECT TO 8" STUB, INSTALLED AS PART OF BUILDING 1, AND INSTALL 45° BEND W/THRUST BLOCK PER NFPA 24 STANDARDS.
INSTALL 8" PVC C-900 FIRE LINE. END PIPE 5' FROM BUILDING AND INSTALL 8" AMES STAINLESS STEEL IN BUILDING RISER (OR EQUIVALENT). RISER TO EXTEND 6' BEYOND EXTERIOR OF BUILDING FOOTING. IN-BUILDING RISER TO HAVE GROOVED CONNECTION. SEE FIRE SPRINKLER PLANS FOR CONTINUATION.
 - ⑧ INSTALL 3200 SERIES KNOX BOX FOR FIRE DEPARTMENT ACCESS.
 - ⑨ INSTALL WALL MOUNTED FDC. SEE FIRE SPRINKLER PLANS FOR DETAILS.
 - ⑩ CONNECT TO EXISTING CTS POLY 2" WATER STUB AND INSTALL 2" WATER METER IN 5'X5'X5' VAULT. VAULT TO BE INSTALLED AS PART OF INFRASTRUCTURE PACKAGE.
 - ⑪ INSTALL 2" CTS POLY WATER LATERAL FOR 3' BEYOND METER AND THEN UPSIZE TO A 4" PVC C-900 CULINARY WATER LINE. END PIPE 5' FROM BUILDING AND SEE PLUMBING PLANS FOR CONTINUATION TO BUILDING.
 - ⑫ CONNECT TO EXISTING 2" IRRIGATION STUB AND INSTALL 2" IRRIGATION METER IN 5'X5'X5' VAULT. VAULT TO BE INSTALLED AS PART OF INFRASTRUCTURE PACKAGE. SEE IRRIGATION PLANS FOR CONTINUATION TO BACKFLOW PREVENTER.
 - ⑬ CONNECT TO 8" STUB, INSTALLED AS PART OF BUILDING 3, AND INSTALL 8" TEE & GATE VALVE WITH THRUST BLOCK.

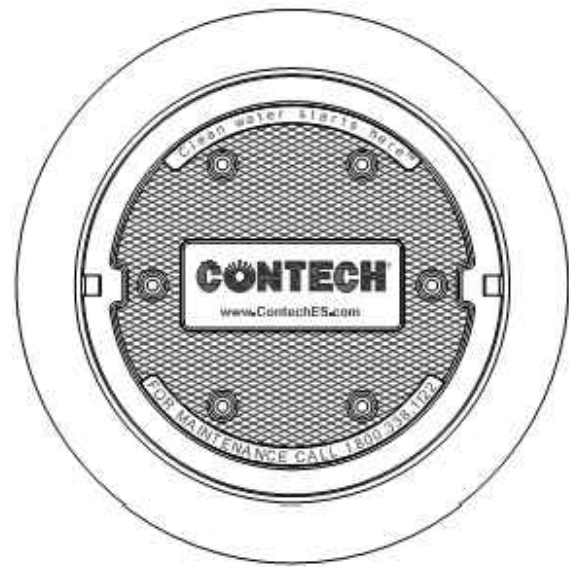




ESTORMWATERCOMMP922 CDS40 STANDARD DRAWINGSLINE CDS3035-6-C CDS3035-6-C-01.DWG 5/13/2014 5:58 PM



CDS3035-6-C DESIGN NOTES	
CDS3035-6-C RATED TREATMENT CAPACITY IS 3.8 CFS [107.6 L/s], OR PER LOCAL REGULATIONS. MAXIMUM HYDRAULIC INTERNAL BYPASS CAPACITY IS 20.0 CFS [566 L/s]. IF THE SITE CONDITIONS EXCEED 20.0 CFS [566 L/s], AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.	
THE STANDARD CDS3035-6-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.	
CONFIGURATION DESCRIPTION	
GRATED INLET ONLY (NO INLET PIPE)	
GRATED INLET WITH INLET PIPE OR PIPES	
CURB INLET ONLY (NO INLET PIPE)	
CURB INLET WITH INLET PIPE OR PIPES	
SEPARATE OIL BAFFLE (SINGLE INLET PIPE REQUIRED FOR THIS CONFIGURATION)	
SEDIMENT WEIR FOR NUDEP / NJCAT CONFORMING UNITS	



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

SITE SPECIFIC DATA REQUIREMENTS	
STRUCTURE ID	
WATER QUALITY FLOW RATE (CFS OR L/s)	*
PEAK FLOW RATE (CFS OR L/s)	*
RETURN PERIOD OF PEAK FLOW (YRS)	*
SCREEN APERTURE (2400 OR 4700)	*
PIPE DATA:	I.E. MATERIAL DIAMETER
INLET PIPE 1	* * *
INLET PIPE 2	* * *
OUTLET PIPE	* * *
RIM ELEVATION	*
ANTI-FLOTATION BALLAST	WIDTH HEIGHT
NOTES/SPECIAL REQUIREMENTS:	
* PER ENGINEER OF RECORD	

GENERAL NOTES

1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. DIMENSIONS MARKED WITH () ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
3. FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
4. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
5. STRUCTURE SHALL MEET AASHTO HS20 AND CASTINGS SHALL MEET HS20 (AASHTO M 306) LOAD RATING. ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
6. PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

INSTALLATION NOTES

- A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
- C. CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
- D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
- E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.



CDS3035-6-C
INLINE CDS
STANDARD DETAIL



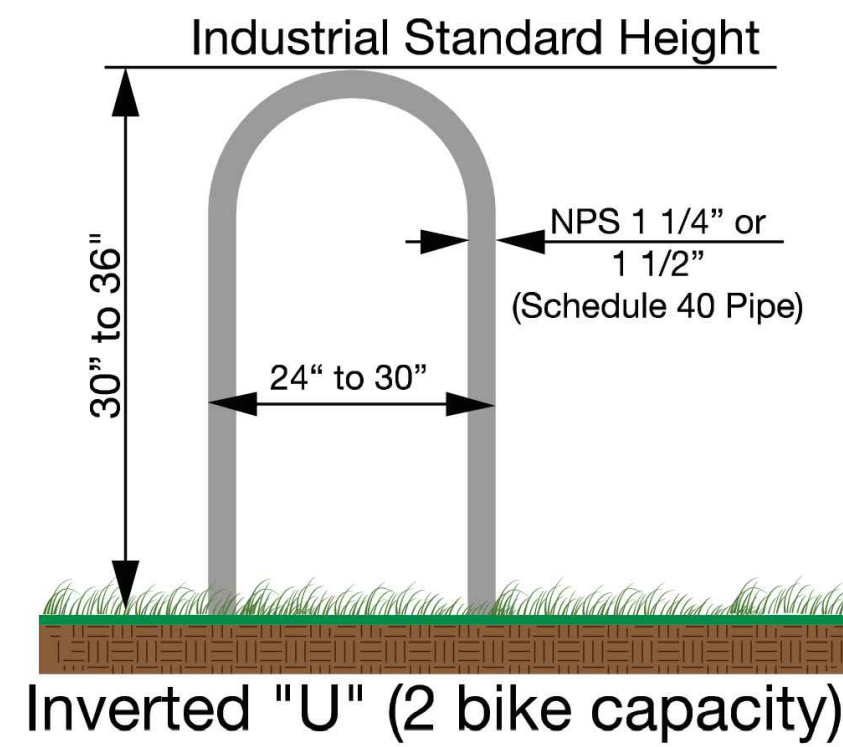
Standard

page 1 of 2 Section F1.f2
of the Division of Transportation
Salt Lake City Community & Economic Development

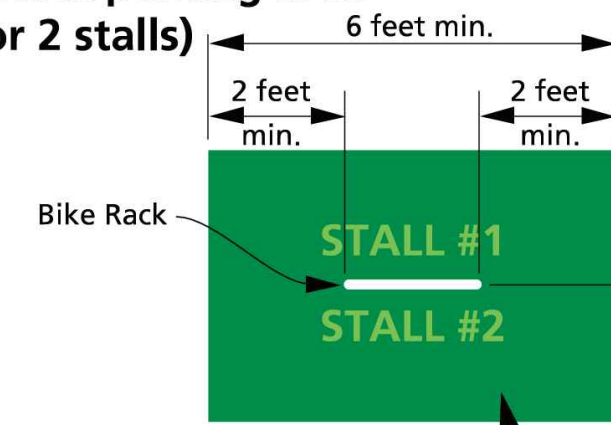
BICYCLE PARKING

STANDARD DETAIL - RACK INSTALL ON PRIVATE PROPERTY

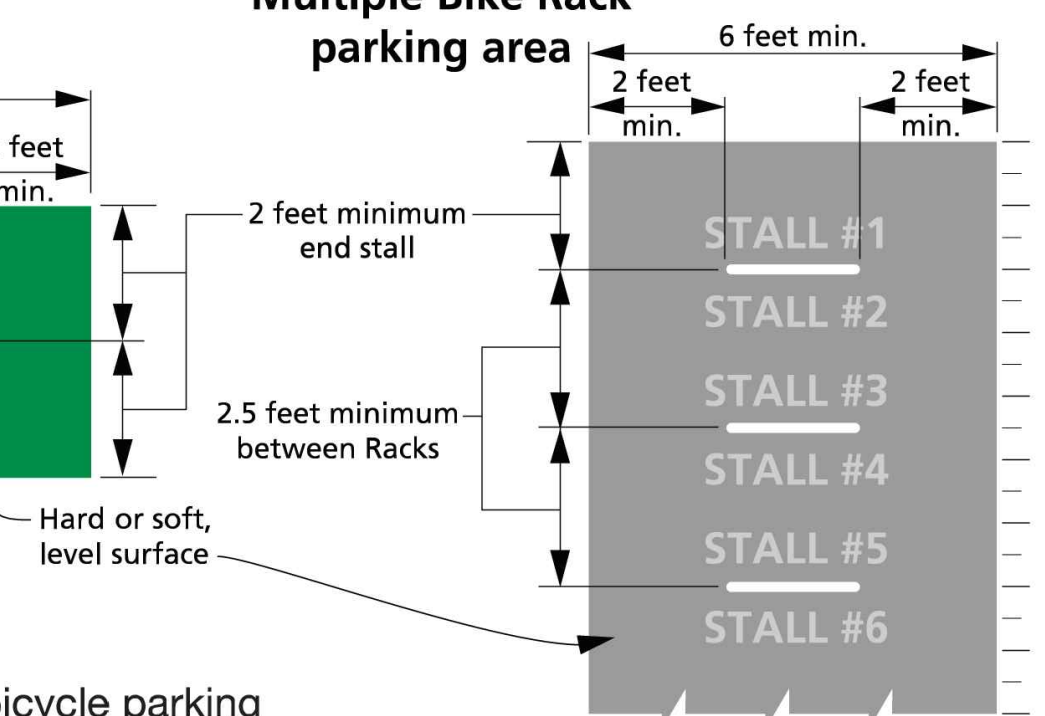
The inverted U rack, pictured, is preferred.



Single Bike Rack parking area (1 or 2 stalls)

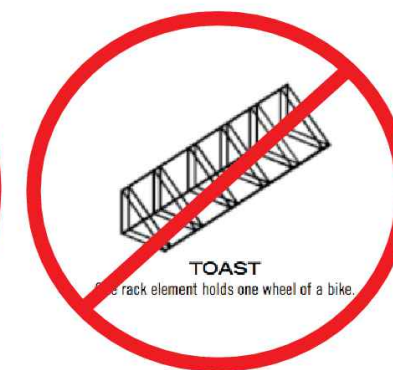
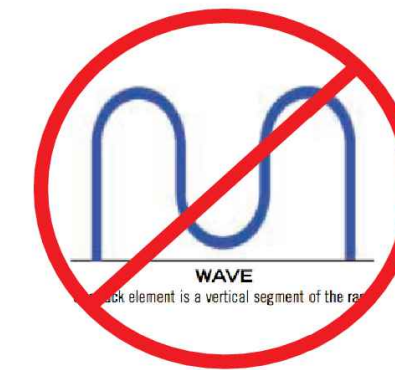


Multiple Bike Rack parking area



Racks not permitted:

The following racks do not meet the bicycle parking standard and will not be permitted to meet the requirements of Salt Lake City's bicycle parking ordinance (Salt Lake City Code, Section 21A.44.040)



700 SOUTH — BUILDING 4
804 S 6200 W, SALT LAKE CITY, UTAH
APWA DETAIL SHEET



SHEET NO. C4.1
PROJECT ID: A-1000
DATE: 07/01/26
FILE NAME: PRJ-751
SCALE:



CIVIL ENGINEERING
+ SURVEYING
10718 S BECKSTEAD LANE, SUITE 102
South Jordan, Utah - 84094-6296

1	QTY COMMENTS	SKG	07/01/26	BY	DATE	DESIGNER	SDT	PROJECT ENGINEER

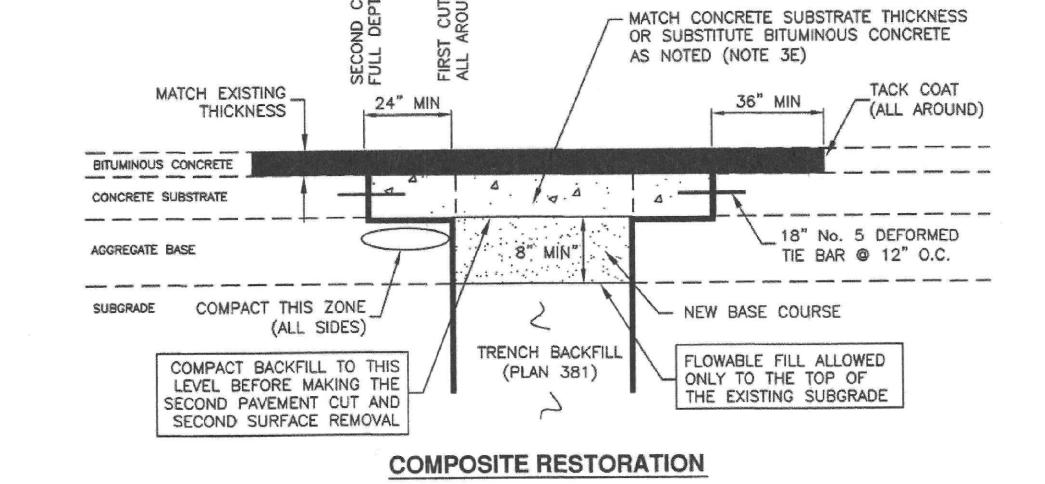
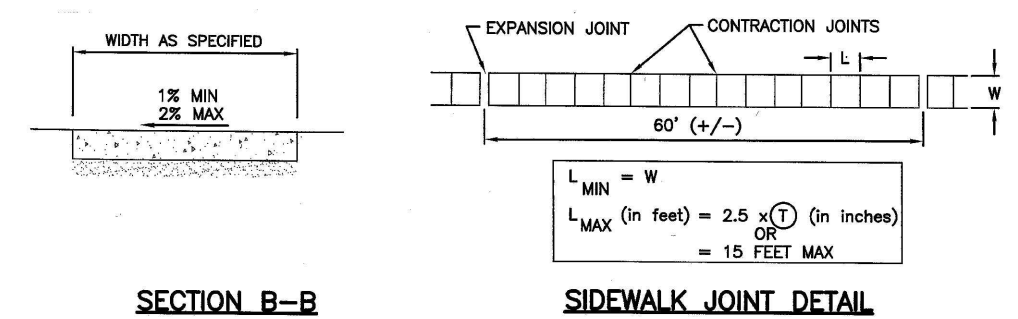
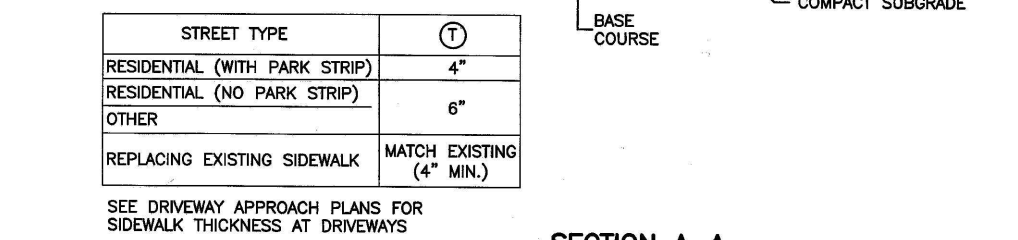
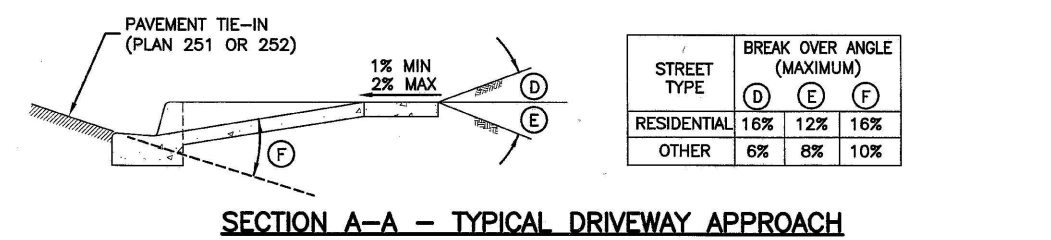


TABLE OF DIMENSIONS						
PIPE SIZE NOMINAL DIAMETER - INCH	APPROXIMATE OUTSIDE RADIUS IN DEGREES	CONCRETE BLOCKING IN CUBIC FEET	USE OF CUBE - FEET	USE OF SHANK OR REBAR RADIUS - INCH	CONCRETE IN CUBIC FEET	REBAR RADIUS - FEET
	°		°			°
4"	1/4"	8	2.0	1.5		
	22 1/2"	15.6	2.5	5/8"	2.0	2.0
6"	11 1/4"	15.6	2.5	5/8"	2.0	2.5
	22 1/2"	34.3	3.25	5/8"	3.0	2.8
8"	11 1/4"	27	3.0	5/8"	3.0	3.0
	22 1/2"	64	4.0	5/8"	2.0	3.0
12"	11 1/4"	64	4.0	5/8"	2.0	3.0
	22 1/2"	125	5.0	3/4"	3.0	3.0
16"	11 1/4"	107	4.25	3/4"	3.0	3.0
	22 1/2"	216	6.0	7/8"	3.0	4.0
20"	11 1/4"	138	5.17	1"	3.5	4.0
	22 1/2"	334	8.5	1"	4.0	4.0
24"	11 1/4"	240	6.22	1 1/4"	4.0	4.0
	22 1/2"	476	8.81	1 1/2"	4.0	4.0
30"	11 1/4"	369	5.17	1 1/2"	4.0	4.0
	22 1/2"	753	9.29	1 1/2"	4.0	4.0

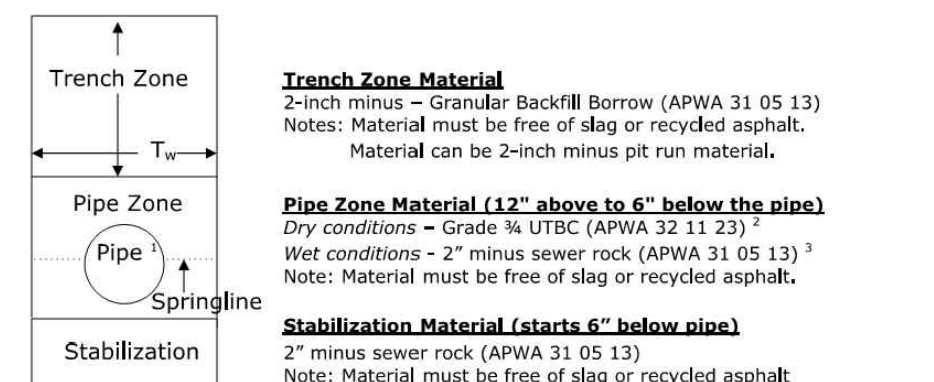
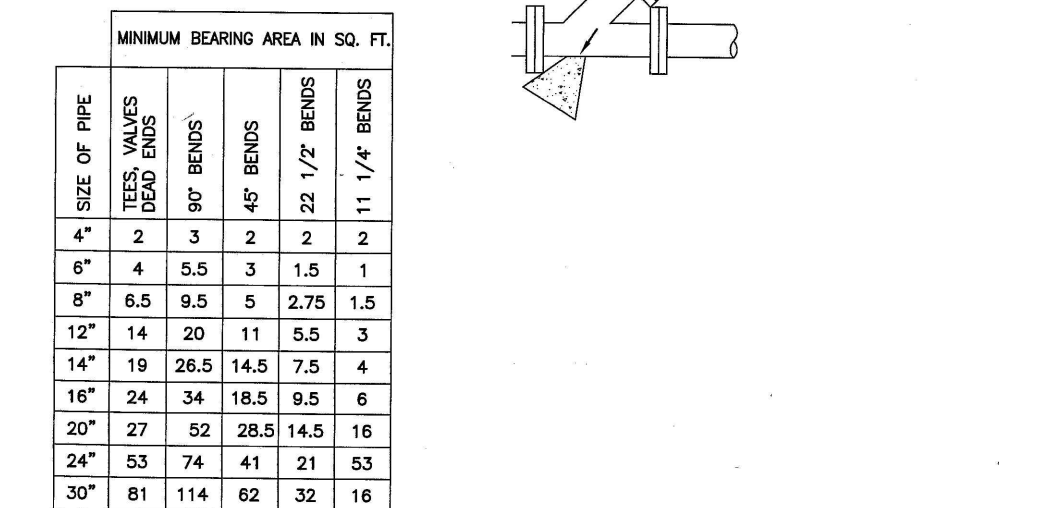
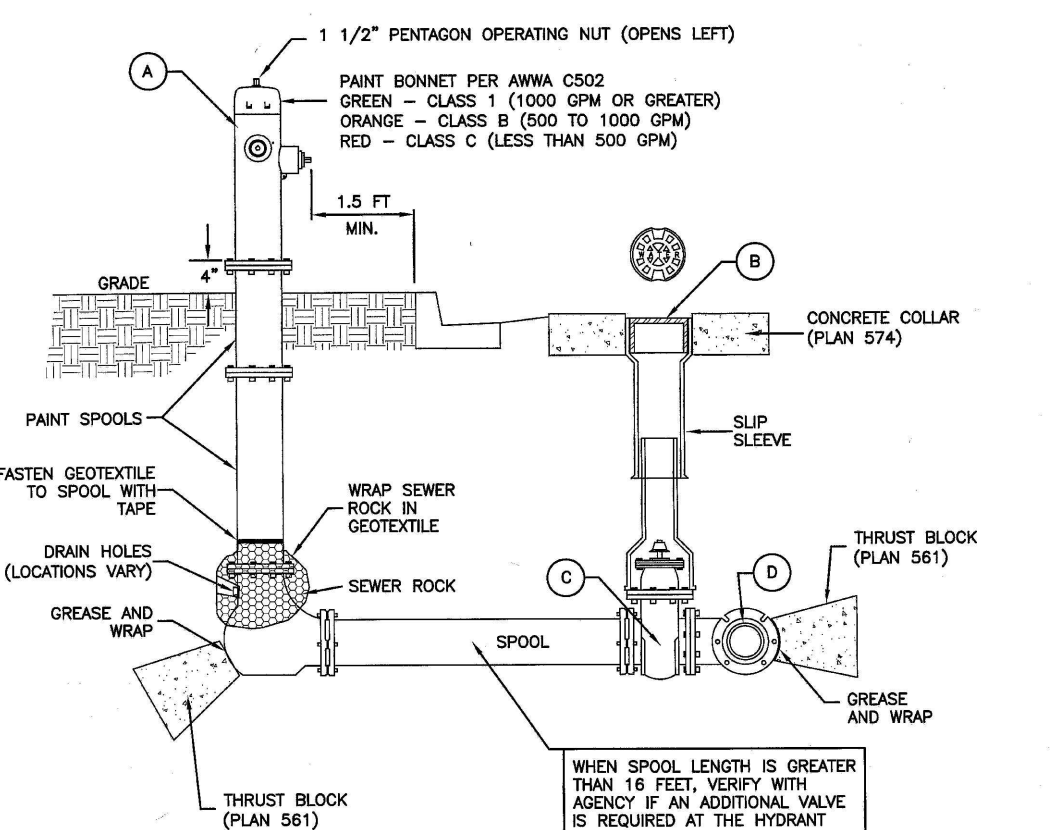


Table 1 – Pipe zone material and minimum pipe zone width.

Pipe Material	Pipe Zone Material	Min. Pipe Zone Top Width (T_W)
PVC	3/4" minus well graded ²	$T_W = OD + 24" \geq 36"$
HDPE-N12	3/4" minus well graded ²	$T_W = OD + 24" \geq 36"$
DI	3/4" minus well graded ²	$T_W = OD + 24" \geq 36"$
Concrete	3/4" minus well graded ²	$T_W = OD + 24" \geq 36"$

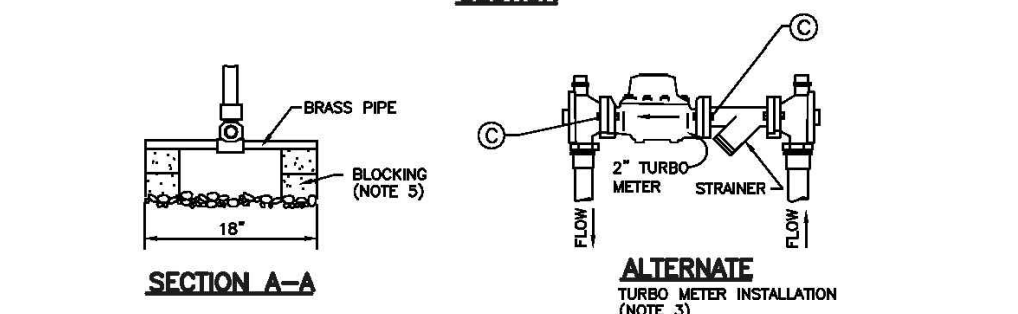
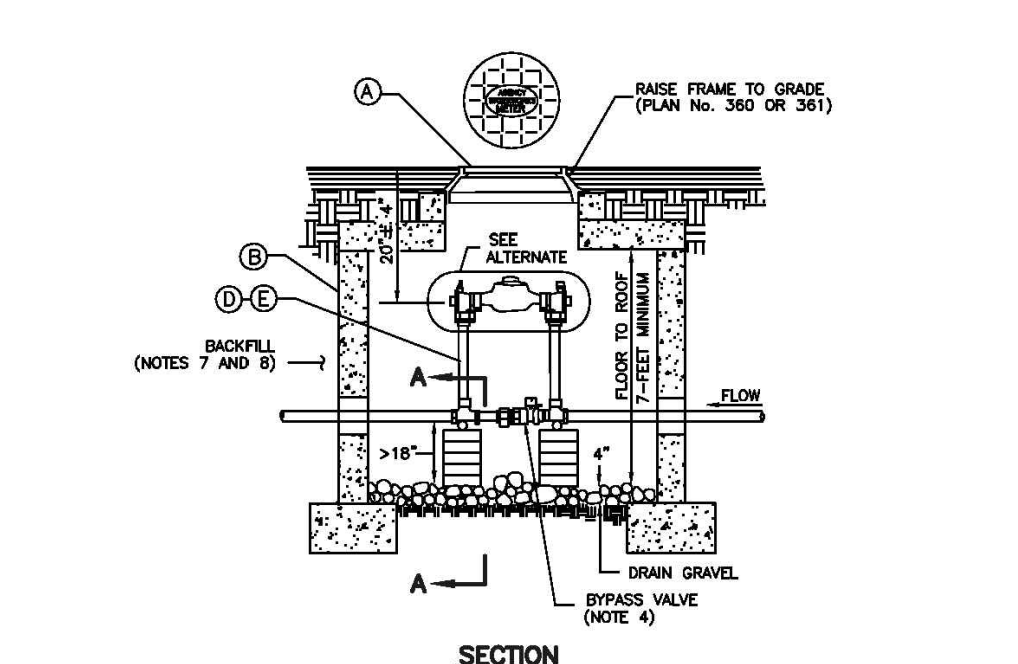
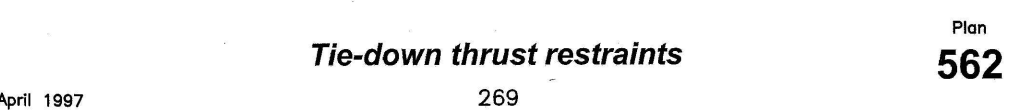
1. Center pipe in trench,
2. Variations must be approved in advance by Chief Engineer.
3. 2" minus sewer rock can be used in areas below water table when approved in advance by Chief Engineer.
4. Outside diameter of the pipe.
5. 2" minus material not permitted with PVC or HDPE pipe.



LEGEND			
No.	*	ITEM	DESCRIPTION
(A)		FIRE HYDRANT	AWWA C502
(B)		VALVE BOX WITH LID	2-PIECE CAST IRON
(C)		GATE VALVE WITH 2" X 2" NUT	AWWA C509
(D)		TEE WITH 125 # FLANGE	AWWA C110

SECTION

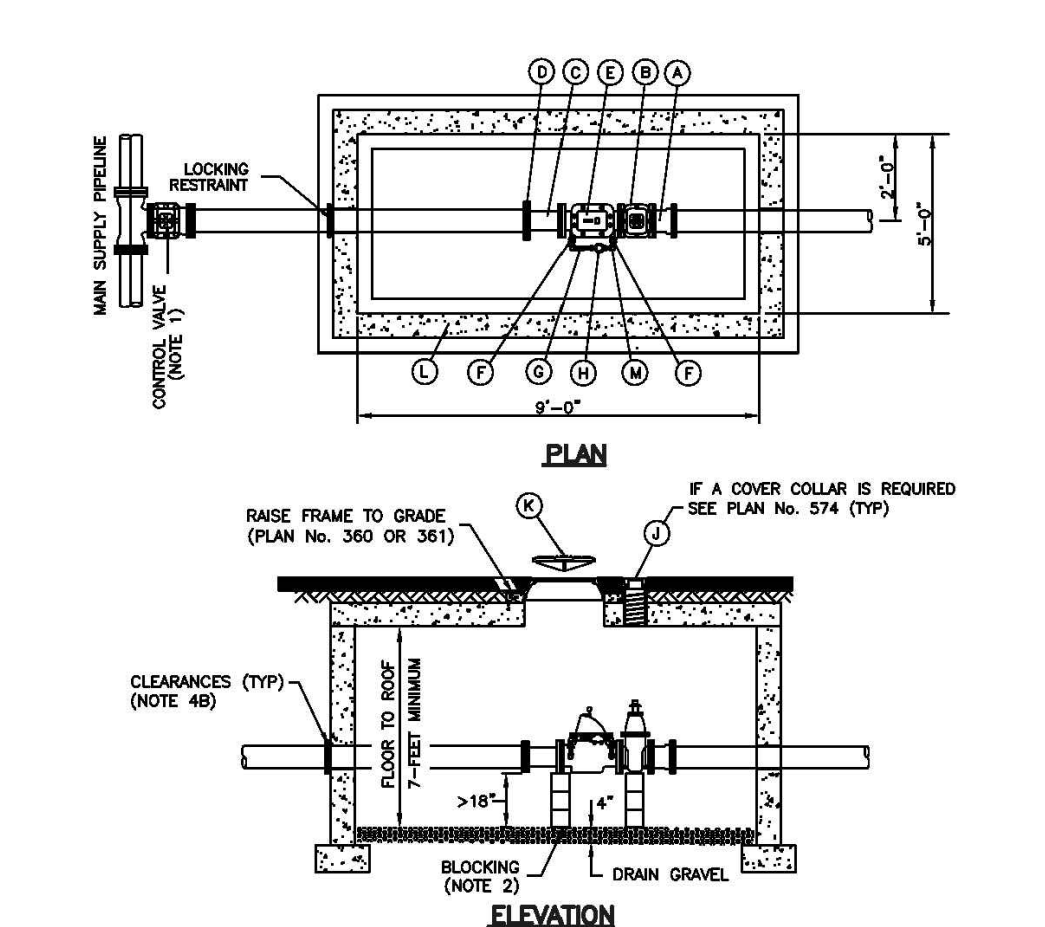
Fire hydrant with valve



LEGEND		
No.	ITEM	DESCRIPTION
(A)	2" FRAME AND COVER	PLAN No. 502
(B)	CONCRETE BOX	PLAN No. 505
(C)	METER BOLTS	5/8" x 2 3/4" BRASS
(D)	1 1/2" CUSTOM SETTER WITH BYPASS	
(E)	2" CUSTOM SETTER WITH BYPASS	

* FURNISHED BY UTILITY AGENCY

1 1/2" and 2" meter



LEGEND		
No.	ITEM	DESCRIPTION
(C)	FLANGE AND M.J. ADAPTER	EPOXY COATED
(C)	GATE VALVE WITH 2"X2" OPERATOR NUT	CEMENT & EPOXY COATED
(C)	FLANGE x P.I.E. SPOOL	NOTE 6
(C)	MECHANICAL JOINT AND FLANGE	EPOXY COATED
(C)	DETENTED CHECK VALVE	EPOXY COATED
(C)	3/4" VALVE	EPOXY COATED
(C)	3/4" CHECK VALVE	EPOXY COATED
(C)	3/4" METER	EPOXY COATED
(C)	TOP SECTION OF VALVE BOX WITH LID	NOTE 7
(C)	2" FRAME AND COVER	PLAN NO. 502
(C)	CONCRETE BOX	PLAN NO. 505
(C)	COPPER PIPING	TYPE L, RIGID

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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Detector check valve with 3/4" bypass meter

1. ALL EROSION CONTROL BEST MANAGEMENT PRACTICES SHALL BE INSPECTED AND MAINTAINED REGULARLY (MINIMUM ONCE A WEEK) AND AFTER EVERY STORM EVENT
2. CONTRACTOR TO KEEP LAND DISTURBANCE TO MINIMUM TO CONTROL RUNOFF FROM THE SITE
3. LIMIT LAND CLEARING AND RESTORE ALL GRADING AS SOON AS POSSIBLE
4. STAGED SEEDING TO RE-VEGETATE CUT AND FILL SLOPES AS THE WORK IS IN PROGRESS
5. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND OTHER EROSION
6. MAINTENANCE OF STREET: STREETS TO BE KEPT CLEAN AND FREE FROM DEBRIS
7. CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION.
8. CONTRACTOR TO HAVE WATER TRUCK AVAILABLE AS WATER SOURCE FOR WHEEL WASH AREA, OR ALTERNATE WATER SOURCE MAY BE USED IF APPROVED BY CITY.
9. IF GROUND WATER IS ENCOUNTERED DURING THE CONSTRUCTION ACTIVITIES AND REQUIRES PUMPING OFF THE PROJECT, THE CONTRACTOR IS TO FILTER THE WATER THROUGH THE USE OF SAND BAGS AND/OR GEO FABRIC. THIS IS TO BE DONE PRIOR TO IT BEING INTRODUCED INTO THE PUBLIC STORM DRAIN SYSTEM.
10. A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE KEPT ON THE SITE DURING ALL CONSTRUCTION ACTIVITY

1. EROSION CONTROL STRUCTURES MAY BE REMOVED ONCE FINAL LANDSCAPING IS IN PLACE
2. EROSION CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS BEEN ESTABLISHED
3. EROSION CONTROL IN PROPOSED PAVEMENT AREAS SHALL REMAIN IN PLACE UNTIL PAVEMENT IS COMPLETE
4. THE FOLLOWING PRECAUTIONS SHALL BE PERFORMED:
 - A) PERIODIC INSPECTION OF CATCH BASIN SEDIMENT TRAPS AND CLEANING WHEN THE BASIN IS MORE THAN 1/4 FULL. INSPECTION SHALL BE DONE AFTER EVERY MAJOR RAINFALL AND EVERY 6 MONTHS AS A MINIMUM. DISPOSAL OF ANY GREASE OR OIL MUST BE DONE IN ACCORDANCE WITH CURRENT ENVIRONMENTAL REGULATIONS
 - B) LITTER, DEBRIS AND CHEMICALS MUST BE PICKED UP AND KEPT IN A CONTAINED LOCATION TO PREVENT POLLUTION OF STORM WATER DISCHARGE
 - C) PARKING AREAS SHALL BE KEPT FREE FROM AUTOMOBILE FLUIDS THAT COULD WASH INTO THE STORM DRAIN SYSTEM

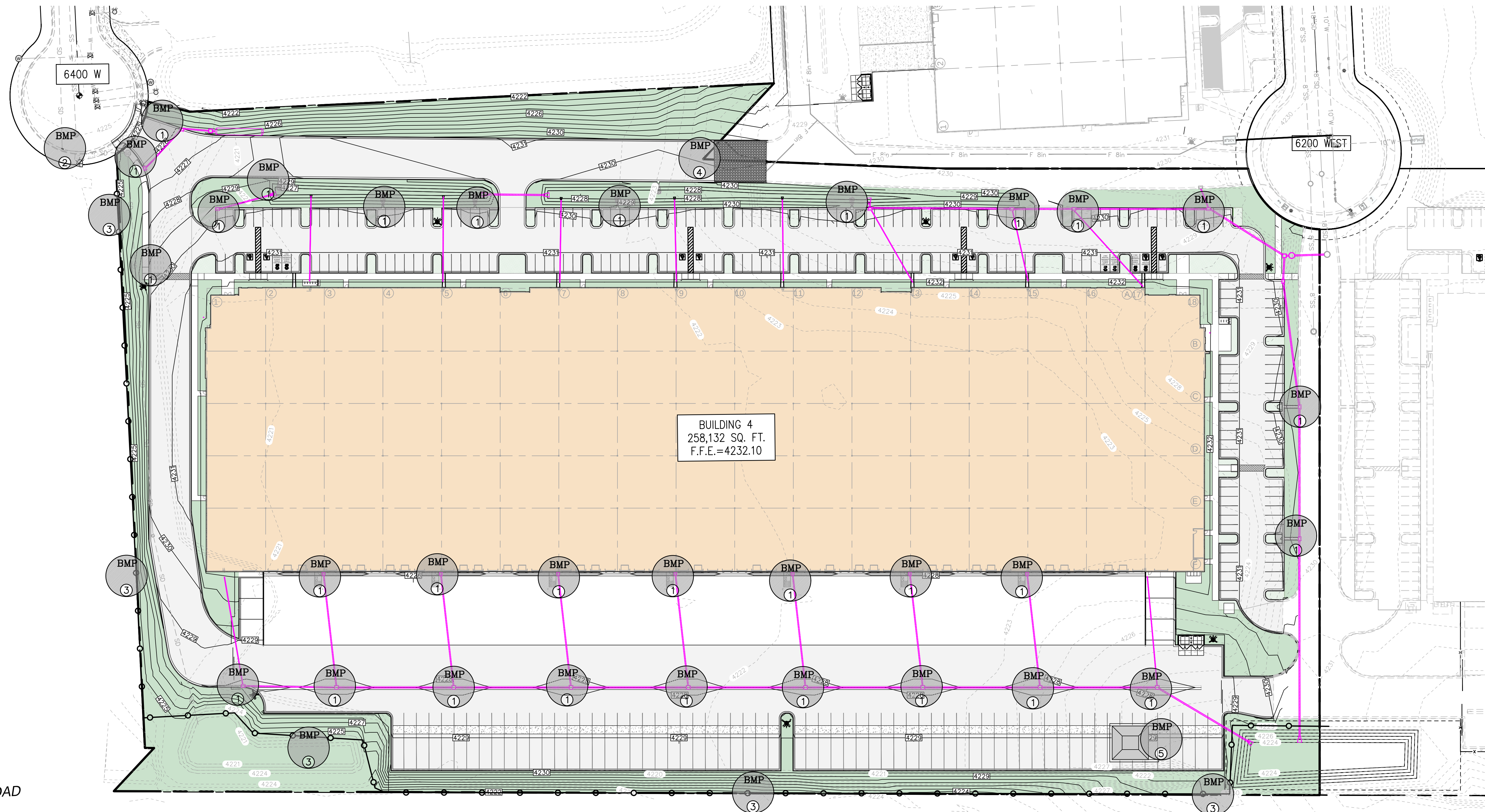
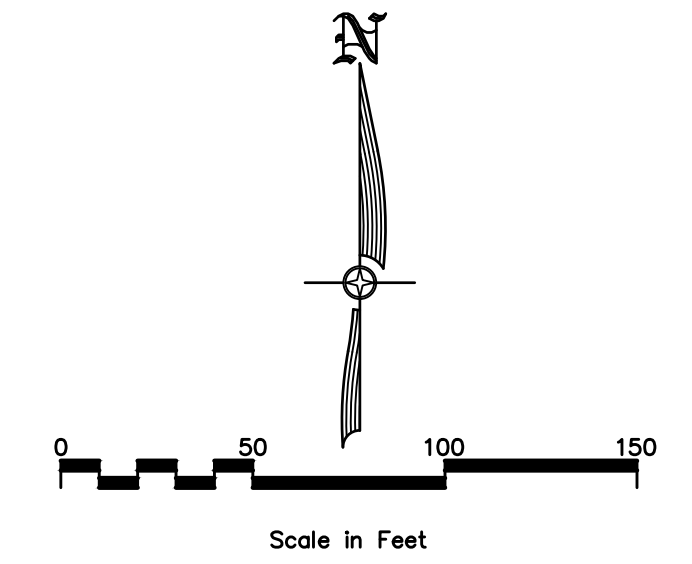
- ① PLACE A SILT FENCE AROUND THE PERIMETER OF THE INLET, ONCE PAVEMENT AND/OR CURB HAS BEEN INSTALLED. PLACE GRAVEL BAGS AROUND THE INLET. GRAVEL BAGS TO BE USED ON PAVED OR CONCRETE SURFACES AND SILT FENCE TO BE USED ON UNIMPROVED SURFACES.
NOTE: IN HIGH TRAFFIC AREAS CONTRACTOR TO USE INTERIOR FILTER FABRIC. IF INLET HAS CURB OPENING, THE FILTER FABRIC IS TO BE EXTENDED UP TO COVER THE CURB OPENING AND GRAVEL BAGS PLACED IN GUTTER AT EACH SIDE OF OPENING TO KEEP FILTER FABRIC SNUG AGAINST CURB WALL.
- ② PLACE GRAVEL BAGS AS NECESSARY TO PREVENT SEDIMENT FROM DRAINING INTO EXISTING CATCH BASINS.
SEE NOTE IN CALLOUT 1.
- ③ INSTALL TYPICAL SILT FENCE, SILT FENCE TO BE INSTALLED PERPENDICULAR TO STORM WATER FLOW. INSTALLATION TO BE DONE SO AS TO PREVENT SEDIMENT FROM LEAVING THE SITE.
NOTE: CONTRACTOR TO USE VEGETATIVE BUFFER AND OR CUT BACK INSTEAD OF SILT FENCE WHERE POSSIBLE.
- ④ CONTRACTOR TO INSTALL A MINIMUM OF 6" DEEP GRAVEL (3" TO 6") OF SUFFICIENT SIZE (MINIMUM OF 50' IN LENGTH AND 20' WIDE) AS TO PROVIDE A WHEEL WASH AREA TO PREVENT THE TRACKING OF MUD OFFSITE. THE LOCATION OF WHEEL WASH MAY VARY FROM LOCATION SHOWN ON PLANS SO AS TO PROVIDE THE BEST PROTECTION AGAINST TRACKING MUD OFFSITE.
CONTRACTOR TO MAINTAIN AND CLEAN WHEEL WASH AREA AS NEEDED TO PREVENT THE TRACKING OF MUD OFFSITE.
- ⑤ CONTRACTOR TO INSTALL CONCRETE WASHOUT AREA. THE LOCATION MAY VARY FROM LOCATION SHOWN ON PLANS.

SILT FENCE

WHEEL WASH AREA

BMP AREA

CONCRETE WASHOUT



ILROAD
02

700 SOUTH – BUILDING 4
804 S 6200 W, SALT LAKE CITY, UTAH
EROSION CONTROL PLAN (SWPPP)

**CIVIL ENGINEERING
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SCOTT D.
THORSEN
No. 354291
07/01/26
STATE OF UTAH

SHEET NO.	
C5.0	
PROJECT ID	DATE:
A-1000	07/01/26
FILE NAME:	SCALE:
PRJ-7S1	1"=50'



