

DEMOLITION KEYNOTES:

1 EXISTING ABANDONED TO BE REMOVED



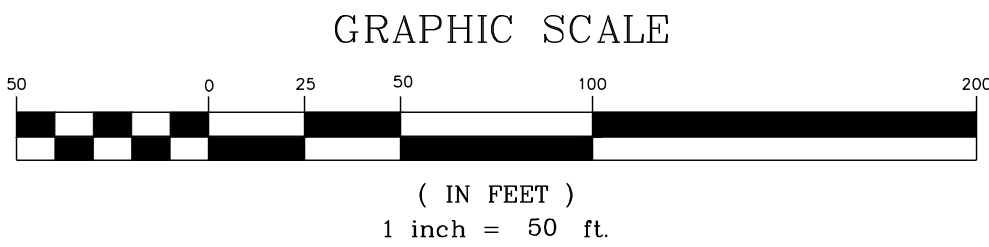
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

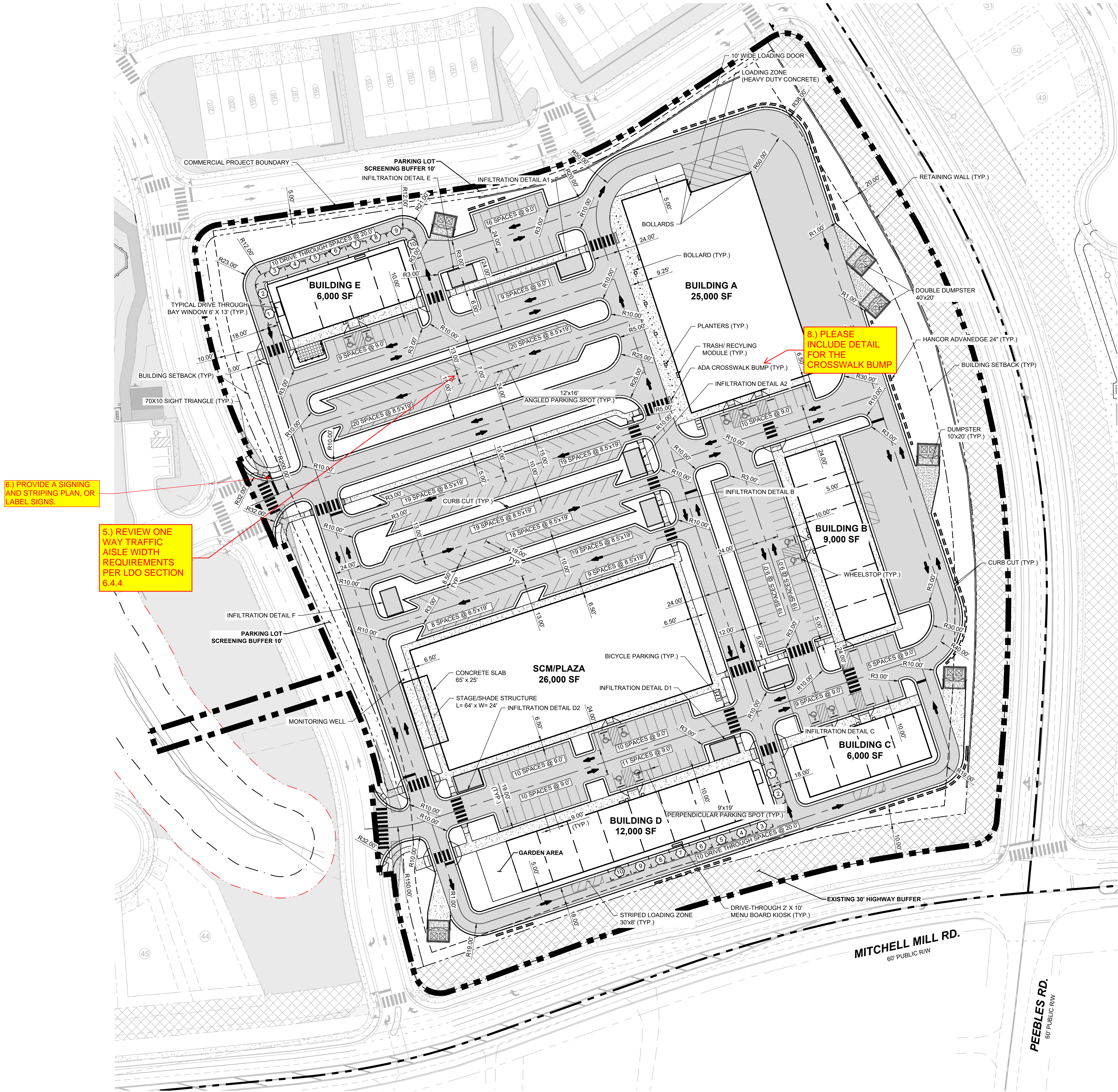
STRONG ROCK PROJECT	DESIGNED BY	SRG
PSP-24-03	DRAWN BY	SRG
NOT FOR CONSTRUCTION	CHECKED BY	SRG
SCALE AS SHOWN		

RESERVE @ MITCHELL MILL
COMMERCIAL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EXISTING CONDITIONS &
DEMOLITION PLAN

DRAWING SHEET

C-2.0





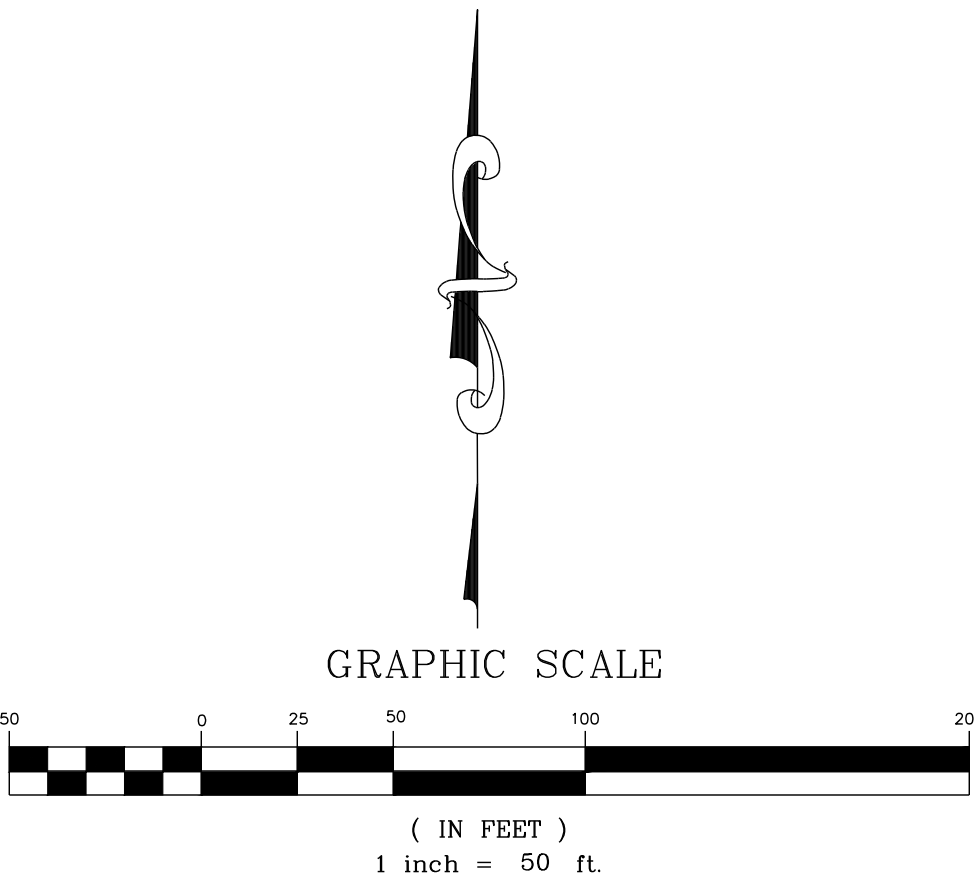
6.) PROVIDE A SIGNING AND STRIPING PLAN, OR LABEL SIGNS.

5.) REVIEW ONE WAY TRAFFIC AISLE WIDTH REQUIREMENTS PER LDO SECTION 6.4.4

8.) PLEASE INCLUDE DETAIL FOR THE CROSSWALK BUMP

7.) PROVIDE BUILDING USAGE AND NUMBER OF STORIES FOR EACH BUILDING

PARKING CALCULATIONS		
PARKING RATIO	1:200 SF	
BUILDINGS SQUARE FOOTAGE	A	25,000
	B	9,000
	C	6,000
	D	12,000
	E	6,000
TOTAL SQUARE FOOTAGE		58,000
CODE MIN SPACES*		2.5/1000
MIN REQUIRED		145
PROPOSED SPACES		288
		(PROPOSED INCLUDES ADA)
ADA PARKING		
Accessible Parking Spaces ADA.gov		
REQUIRED ADA SPACES		7
PROPOSED ADA SPACES		12
		6 CAR
		6 VAN
BICYCLE PARKING		
CODE 6.4.7.A.6 - 1 PER 5000 SF		
REQUIRED SPACES		11.6
PROPOSED SPACES		12
*TABLE 6.4.3.G. ROLESVILLE OFF-STREET PARKING REQUIREMENTS		



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STRONG ROCK PROJECT
PSP-24-03

NOT FOR CONSTRUCTION

SCALE AS SHOWN

DESIGNED BY SRG

DRAWN BY SRG

CHECKED BY SRG

RESERVE @ MITCHELL MILL
COMMERCIAL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
SITE PLAN

DRAWING SHEET
C-3.0

03 OF 17

08/01/2025

CD SUBMITTAL #1

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REVISIONS

DATE

BY

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #1	4"	278.86	272.28 N	272.08 SW	6.78
SSMH #2	4"	282.15	272.93 E	272.73 S	9.43
SSMH #3	4"	283.94	273.85 E 274.05 N	273.65 W	10.28
SSMH #4	5"	288.92	274.99 S	274.79 W	14.13
SSMH #5	5"	288.06	276.09 E	275.89 N	12.17
SSMH #6	4"	288.13	276.58 S	276.38 W	11.75
SSMH #7	4"	287.52	276.92 S 276.92 E	276.72 N	10.80
SSMH #8	4"	287.00	278.28 W	278.08 N	8.93
SSMH #9	4"	286.85	278.69 S 278.69 W	278.49 E	8.36
SSMH #10	4"	285.03	279.08 S	278.88 E	6.15
SSMH #239	4"	276.99	267.50 E	265.00 N	11.99

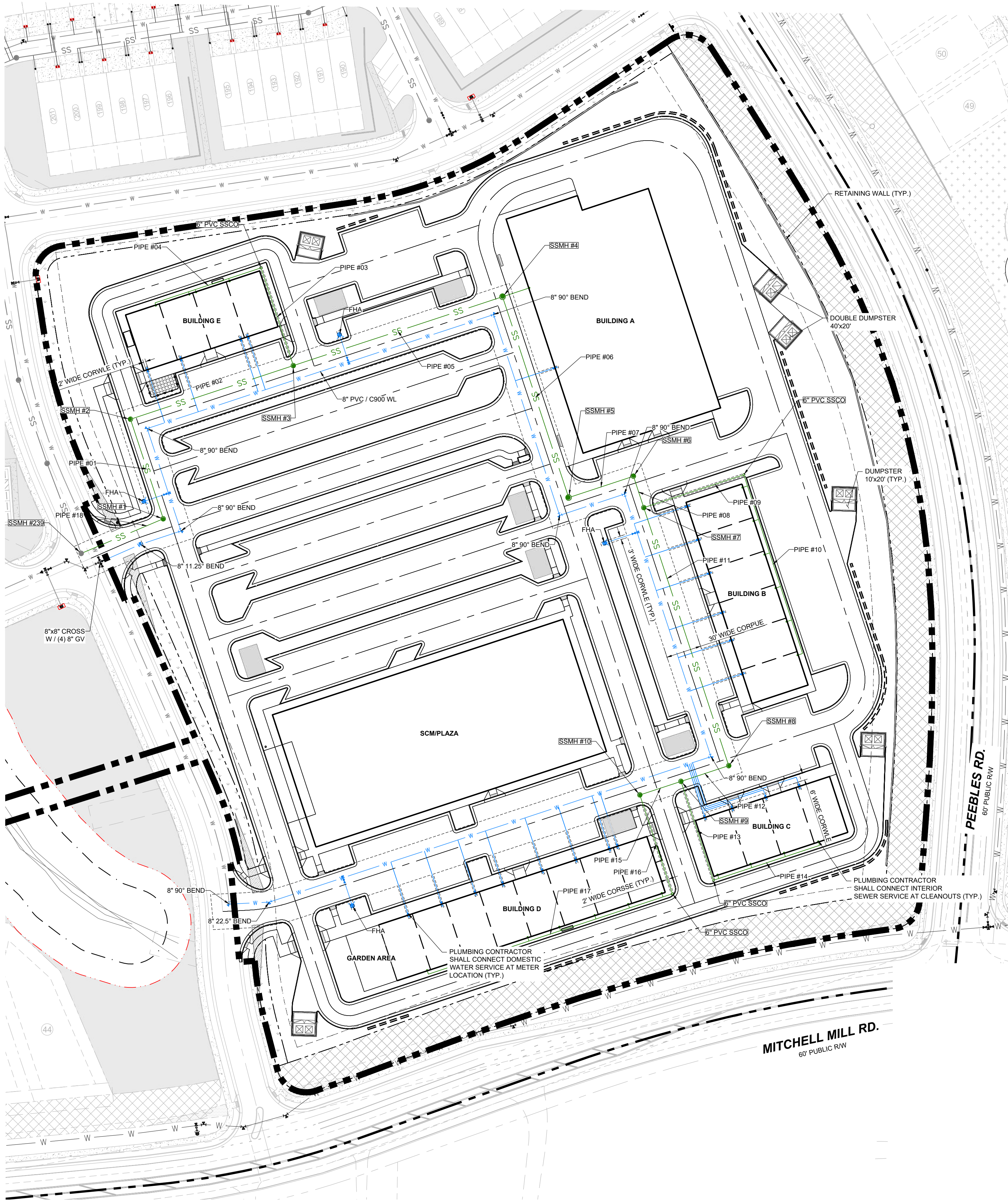
PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
PIPE #01 BEGIN: SSMH #2 END: SSMH #1	PVC - SDR 26	8"	89	272.73	272.28	0.50%
PIPE #02 BEGIN: SSMH #3 END: SSMH #2	PVC - SDR 26	8"	146	273.65	272.93	0.50%
PIPE #03 BEGIN: SSCO #04 END: SSMH #3	PVC - SDR 26	8"	87	274.49	274.05	0.50%
PIPE #04 BEGIN: END: SSCO #04	PVC - SDR 26	8"	95	274.96	274.49	0.50%
PIPE #05 BEGIN: SSMH #4 END: SSMH #3	PVC - SDR 26	8"	187	274.79	273.85	0.50%
PIPE #06 BEGIN: SSMH #5 END: SSMH #4	PVC - SDR 26	8"	180	275.89	274.99	0.50%
PIPE #07 BEGIN: SSMH #6 END: SSMH #5	PVC - SDR 26	8"	58	276.38	276.09	0.50%
PIPE #08 BEGIN: SSMH #7 END: SSMH #6	PVC - SDR 26	8"	28	276.72	276.58	0.50%
PIPE #09 BEGIN: SSCO #03 END: SSMH #7	PVC - SDR 26	8"	89	277.37	276.92	0.50%
PIPE #10 BEGIN: END: SSCO #03	PVC - SDR 26	8"	160	278.17	277.37	0.50%
PIPE #11 BEGIN: SSMH #8 END: SSMH #7	PVC - SDR 26	8"	231	278.08	276.92	0.50%
PIPE #12 BEGIN: SSMH #9 END: SSMH #8	PVC - SDR 26	8"	43	278.49	278.28	0.50%
PIPE #13 BEGIN: SSCO #02 END: SSMH #9	PVC - SDR 26	8"	89	279.13	278.69	0.50%
PIPE #14 BEGIN: END: SSCO #02	PVC - SDR 26	8"	95	279.61	279.13	0.50%
PIPE #15 BEGIN: SSMH #10 END: SSMH #9	PVC - SDR 26	8"	37	278.88	278.69	0.50%
PIPE #16 BEGIN: SSCO #01 END: SSMH #10	PVC - SDR 26	8"	88	279.52	279.08	0.50%
PIPE #17 BEGIN: END: SSCO #01	PVC - SDR 26	8"	218	280.61	279.52	0.50%
PIPE #18 BEGIN: SSMH #1 END:	PVC - SDR 26	8"	76	272.08	267.50	6.05%
PIPE #19 BEGIN: SSCO #04 END: SSCO #04	PVC - SDR 26	8"	97	262.91	262.43	0.50%

ATTENTION CONTRACTORS

THE CONTRACTOR RESPONSIBLE FOR THE EXTENSION OF WATER, SEWER, AND/OR REUSE, AS APPROVED IN THESE PLANS, IS RESPONSIBLE FOR CONTACTING THE INFRASTRUCTURE INSPECTIONS DIVISION AND SCHEDULE A PRE-CONSTRUCTION MEETING ON THE DEVELOPMENT PORTAL PRIOR TO BEGINNING ANY CONSTRUCTION. RALEIGH WATER MUST BE CONTACTED AT (919) 996-4540 AT LEAST TWENTY-FOUR HOURS PRIOR TO BEGINNING ANY WORK ACTIVITY AROUND CRITICAL WATER AND SEWER INFRASTRUCTURE.

FAILURE TO NOTIFY CITY DEPARTMENTS IN ADVANCE OF BEGINNING CONSTRUCTION, WILL RESULT IN THE ISSUANCE OF MONETARY FINES AND REQUIRE REINSTALLATION OF ANY WATER OR SEWER FACILITIES NOT INSPECTED AS A RESULT OF THIS NOTIFICATION FAILURE.

FAILURE TO CALL FOR INSPECTION, INSTALL A DOWNSTREAM PLUG, HAVE PERMITTED PLANS ON THE JOBSITE, OR ANY OTHER VIOLATION OF CITY OF RALEIGH STANDARDS WILL RESULT IN A FINE AND POSSIBLE EXCLUSION FROM FUTURE WORK IN THE CITY OF RALEIGH.



STANDARD UTILITY NOTES:

UTILITY PLAN(S) FOR CITY OF RALEIGH AND MERGER TOWNS

STANDARD UTILITY NOTES :

- ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION)
- UTILITY SEPARATION REQUIREMENTS:
 - A DISTANCE OF 100' SHALL BE MAINTAINED BETWEEN SANITARY SEWER & ANY PRIVATE OR PUBLIC WATER SUPPLY SOURCE SUCH AS AN IMPOUNDED RESERVOIR USED AS A SOURCE OF DRINKING WATER. IF ADEQUATE LATERAL SEPARATION CANNOT BE ACHIEVED, FERROUS SANITARY SEWER PIPE SHALL BE SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS. HOWEVER, THE MINIMUM SEPARATION SHALL NOT BE LESS THAN 25' FROM A PRIVATE WELL OR 50' FROM A PUBLIC WELL.
 - WHEN INSTALLING WATER &/OR SEWER MAINS, THE HORIZONTAL SEPARATION BETWEEN UTILITIES SHALL BE 10'. IF THIS SEPARATION CANNOT BE MAINTAINED DUE TO EXISTING CONDITIONS, THE VARIATION ALLOWED IS THE WATER MAIN IN A SEPARATE TRENCH WITH THE ELEVATION OF THE WATER MAIN AT LEAST 18" ABOVE THE TOP OF THE SEWER & MUST BE APPROVED BY THE PUBLIC UTILITIES DIRECTOR. ALL DISTANCES ARE MEASURED FROM OUTSIDE DIAMETER TO OUTSIDE DIAMETER.
 - WHERE IT IS IMPOSSIBLE TO OBTAIN PROPER SEPARATION, OR ANYTIME A SANITARY SEWER PASSES OVER A WATERMAIN, DIP MATERIALS OR STEEL ENCASEMENT EXTENDED 10' ON EACH SIDE OF CROSSING MUST BE SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS.
 - 5.0' MINIMUM HORIZONTAL SEPARATION IS REQUIRED BETWEEN ALL SANITARY SEWER & STORM SEWER FACILITIES, UNLESS DIP MATERIAL IS SPECIFIED FOR SANITARY SEWER
 - MAINTAIN 18" MIN. VERTICAL SEPARATION AT ALL WATERMAIN & RCP STORM DRAIN CROSSINGS; MAINTAIN 18" MIN. VERTICAL SEPARATION AT ALL SANITARY SEWER & RCP STORM DRAIN CROSSINGS. WHERE ADEQUATE SEPARATIONS CANNOT BE ACHIEVED, SPECIFY DIP MATERIALS & A CONCRETE CRADLE HAVING 6" MIN. CLEARANCE (PER CORPUD DETAILS W-41 & S-48).
 - ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER & SEWER FACILITIES WITH 18" MIN. VERTICAL SEPARATION REQUIRED.
- ANY NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW & APPROVAL OF AN AMENDED PLAN &/OR PROFILE BY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT PRIOR TO CONSTRUCTION.
- DEVELOPER SHALL PROVIDE 30 DAYS ADVANCE WRITTEN NOTICE TO OWNER FOR ANY WORK REQUIRED WITHIN AN EXISTING CITY OF RALEIGH UTILITY EASEMENT TRAVERSING PRIVATE PROPERTY.
- CONTRACTOR SHALL MAINTAIN CONTINUOUS WATER & SEWER SERVICE TO EXISTING RESIDENCES & BUSINESSES THROUGHOUT CONSTRUCTION OF PROJECT. ANY NECESSARY SERVICE INTERRUPTIONS SHALL BE PRECEDED BY A 24-HOUR ADVANCE NOTICE TO THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT.
- SEWER BYPASS PUMPING -- A BYPASS PLAN SEALED BY AN NC PROFESSIONAL ENGINEER SHALL BE PROVIDED TO RALEIGH WATER PRIOR TO PUMPING OPERATIONS FOR APPROVAL. THE OPERATIONS AND EQUIPMENT SHALL COMPLY WITH THE PUBLIC UTILITIES HANDBOOK.
- 3.0' MINIMUM COVER IS REQUIRED ON ALL WATER MAINS & SEWER FORCE MAINS. 4.0' MINIMUM COVER IS REQUIRED ON ALL REUSE MAINS.
- IT IS THE DEVELOPER'S RESPONSIBILITY TO ABANDON OR REMOVE EXISTING WATER & SEWER SERVICES NOT BEING USED IN REDEVELOPMENT OF A SITE UNLESS OTHERWISE DIRECTED BY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT. THIS INCLUDES ABANDONING TAP AT MAIN & REMOVAL OF SERVICE FROM ROW OR EASEMENT PER CORPUD HANDBOOK PROCEDURE.
- INSTALL WATER SERVICES WITH METERS LOCATED AT ROW OR WITHIN A 2'X2' WATERLINE EASEMENT IMMEDIATELY ADJACENT.
NOTE: IT IS THE APPLICANT'S RESPONSIBILITY TO PROPERLY SIZE THE WATER SERVICE FOR EACH CONNECTION TO PROVIDE ADEQUATE FLOW & PRESSURE.
- INSPECTIONS OF 4" AND LARGER WATER MAINS OF THE PRIVATE DISTRIBUTION SYSTEM WILL BE INSPECTED AS PART OF THE INFRASTRUCTURE PERMIT.
- PRIVATE SEWER MAINS AS PART OF A COLLECTION SYSTEM ARE PERMITTED AND INSPECTED UNDER THE PRIVATE INFRASTRUCTURE PERMIT FOR SEWER.
- ANY WATER OR SEWER SERVICES ON PRIVATE PROPERTY THAT WILL BE INSTALLED UNDER CONSTRUCTION DRAWINGS MAY REQUIRE A PLUMBING UTILITY PERMIT IN THE CITY OF RALEIGH. CONSULT WITH THE ENGINEERING INSPECTION COORDINATOR DURING THE PRE-CONSTRUCTION MEETING ON THE NECESSARY PERMITS.
- INSTALL SEWER SERVICES WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED PER THE CURRENT NC PLUMBING CODE.
- PRESSURE REDUCING VALVES ARE REQUIRED ON ALL WATER SERVICES EXCEEDING 80 PSI; BACKWATER VALVES ARE REQUIRED ON ALL SANITARY SEWER SERVICES HAVING BUILDING DRAINS LOWER THAN 1.0' ABOVE THE NEXT UPSTREAM MANHOLE.
- ALL ENVIRONMENTAL PERMITS APPLICABLE TO THE PROJECT MUST BE OBTAINED FROM NCDWQ, USACE &/OR FEMA FOR ANY RIPARIAN BUFFER, WETLAND &/OR FLOODPLAIN IMPACTS (RESPECTIVELY) PRIOR TO CONSTRUCTION.
- NCDOT / RAILROAD ENCROACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK (INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RAILROAD ROW PRIOR TO CONSTRUCTION.
- GREASE INTERCEPTOR / OIL WATER SEPARATOR SIZING CALCULATIONS & INSTALLATION SPECIFICATIONS SHALL BE PROVIDED BY THE RW FOG PROGRAM COORDINATOR PRIOR TO ISSUANCE OF A JC AND/OR BUILDING PERMIT. CONTACT (919) 996-4516 OR fog@raleighnc.gov FOR MORE INFORMATION.
- CROSS-CONNECTION CONTROL PROTECTION DEVICES ARE REQUIRED BASED ON THE DEGREE OF HEALTH HAZARD INVOLVED AS LISTED IN APPENDIX B OF THE RULES GOVERNING PUBLIC WATER SYSTEMS IN NORTH CAROLINA.
- THE DEVICES SHALL MEET THE AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE) STANDARDS AND BE ON THE UNIVERSITY OF SOUTHERN CALIFORNIA APPROVAL LIST.
- THE DEVICE AND INSTALLATION SHALL MEET THE GUIDELINES OF APPENDIX A -- GUIDELINES AND REQUIREMENTS FOR THE CROSS CONNECTION PROGRAM IN RALEIGH'S SERVICE AREA.
- THE DEVICES SHALL BE INSTALLED AND TESTED (BOTH, INITIAL AND PERIODIC TESTING THEREAFTER) IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS OR THE LOCAL CROSS CONNECTION CONTROL PROGRAM, WHICHEVER IS MORE STRINGENT.
- CONTACT Cross.connection@raleighnc.gov FOR MORE INFORMATION.
- NOTICE FOR PROJECTS THAT INVOLVE AN OVERSIZED MAIN OR URBAN MAIN REPLACEMENT. ANY CITY REIMBURSEMENT GREATER THAN \$250,000.00 MUST UNDERGO THE PUBLIC BIDDING PROCESS.
- PRIVATE SUB-METERING - NO RESALE OF WATER SHALL OCCUR WITHOUT APPROVAL OF THE NORTH CAROLINA UTILITY COMMISSION. SUB-METERING SHALL BE IN ACCORDANCE WITH SECTION 1400 OF THE "SAFE DRINKING WATER ACT".

PUBLIC
WATER DISTRIBUTION / EXTENSION SYSTEM
THE CITY OF RALEIGH CONSENTS TO THE CONNECTION AND EXTENSION OF THE CITY'S PUBLIC WATER SYSTEM AS SHOWN ON THIS PLAN. THE MATERIAL AND CONSTRUCTION METHODS USED FOR THIS PROJECT SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY'S PUBLIC UTILITIES HANDBOOK.
CITY OF RALEIGH
PUBLIC UTILITIES DEPARTMENT PERMIT # _____

PRIVATE
SEWER COLLECTION / EXTENSION SYSTEM
THE CITY OF RALEIGH CONSENTS TO THE CONNECTION TO ITS PUBLIC SEWER SYSTEM AND EXTENSION OF THE PRIVATE SEWER COLLECTION SYSTEM AS SHOWN ON THIS PLAN. THE MATERIAL AND CONSTRUCTIONS METHODS USED FOR THIS PROJECT SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY'S PUBLIC UTILITIES HANDBOOK.
CITY OF RALEIGH
PUBLIC UTILITIES DEPARTMENT PERMIT # _____

- LEGEND:**
- W WATER LINE
 - SS SANITARY SEWER LINE
 - Water Meter / Service
 - Sanitary Cleanout / Service
 - Sanitary Manhole

GRAPHIC SCALE



(IN FEET)
1 inch = 50 ft.

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RESERVE @ MITCHELL MILL COMMERCIAL TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA CONSTRUCTION PLANS UTILITY PLAN	DRAWING SHEET	C-4.0	04 OF 17	DATE	BY

9.) PLEASE PROVIDE MORE SCALED IN VIEWS FOR THE GRADING PLAN AND INCLUDE SPOT ELEVATIONS AND MORE DETAILS. CURRENTLY, IT IS VERY HARD TO CONFIRM ALL DRAINAGE IS BEING CAPTURED BY THE DRAINAGE SYSTEM AND NOT CREATING LOW POINTS. SPECIFICALLY, PARKING LOTS AND PED RAMPS SHOULD PROVIDE SPOT ELEVATIONS. PED RAMPS AND SIDEWALKS SHOULD BE ADA COMPLIANT.

10.) RETAINING WALLS OVER 4' SHOULD HAVE FALL PROTECTION. PLEASE PROVIDE DETAILS.

11.) PLEASE PROVIDE SPOT CURB GRADES OR LONGITUDINAL GRADES WHERE NOT CURRENTLY LABELED. TO ENSURE POSITIVE DRAINAGE WITHIN THE SITE

12.) CONSIDER COMBINING YOUR DRAINAGE AND GRADING PLANS TO CLEARLY SHOW THE DRAINAGE PATTERNS AND SYSTEM.

LEGEND:

EXISTING PROPERTY LINE

EX. MAJOR CONTOURS

EX. MINOR CONTOURS

PROP. MAJOR CONTOURS

PROP. MINOR CONTOURS

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CONSTRUCTION PLANS
GRADING PLAN

DRAWING SHEET
C-5.0

05 OF 17

CD SUBMITTAL #1

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08/01/2025

ISREC

SEAL:

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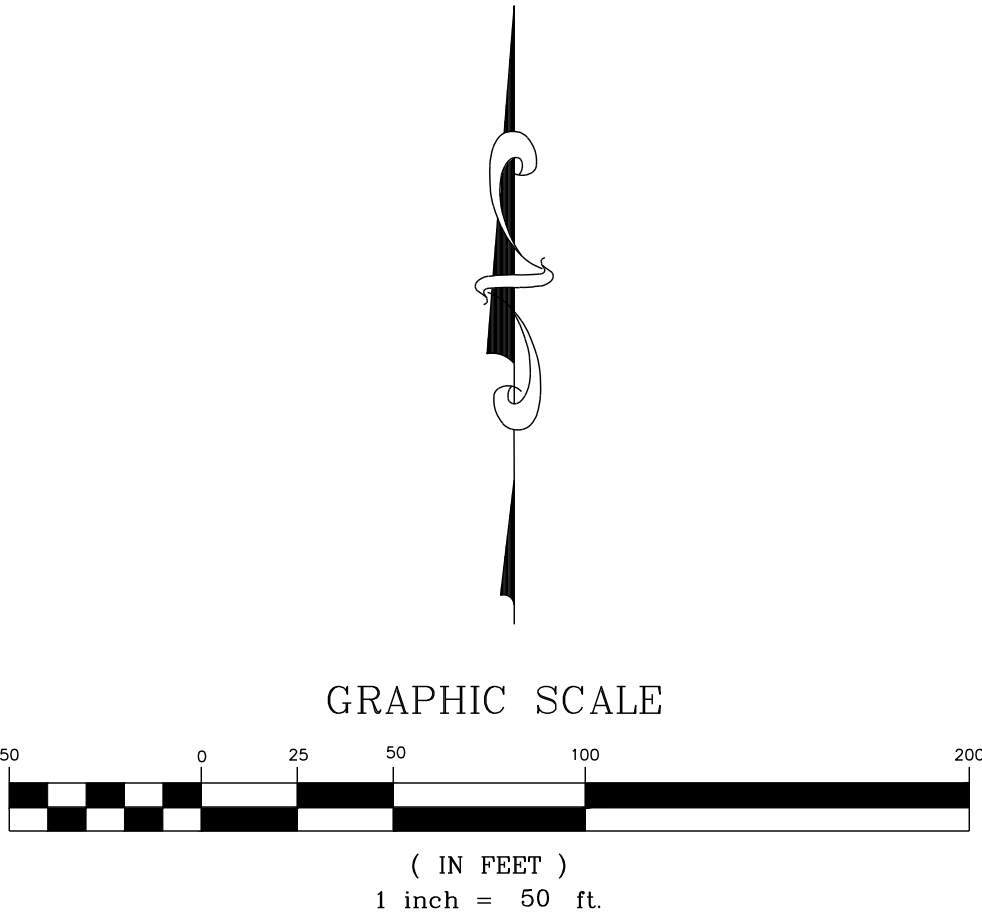
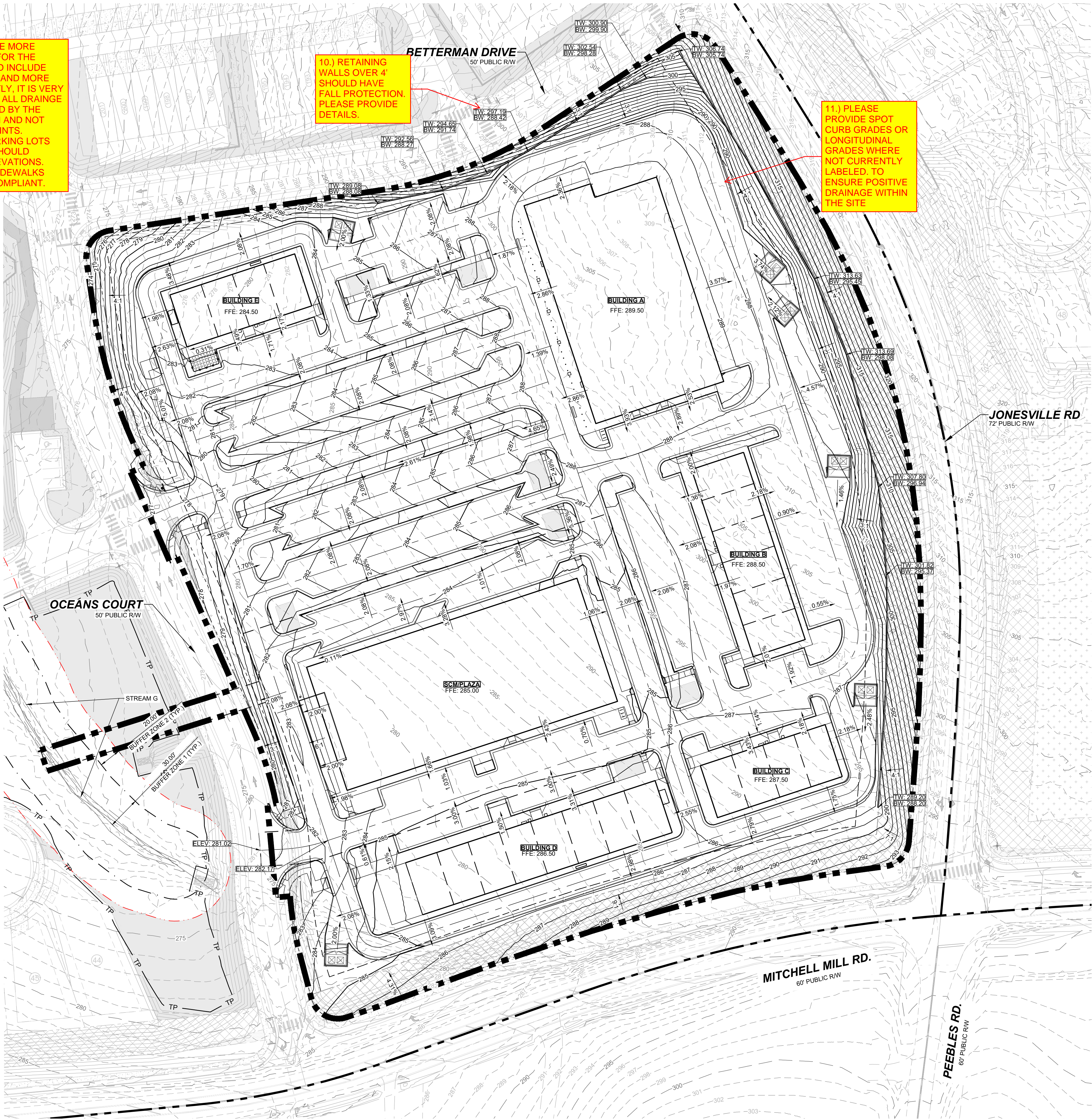
08/01/2025

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REVISIONS

DATE

BY



STORM STRUCTURE TABLE			
#	TOP	INV. IN	INV. OUT
CB #01	283.04		278.46 S
CB #02	283.63	278.34 N	278.14 S
CB #03	282.32		277.05 E
CB #04	282.65	276.95 N 276.95 W	276.75 SE
CB #05	279.36		274.92 E
CB #06	278.51		273.81 E
CB #07	281.03		273.15 E
CB #08	283.85	278.09 E	277.89 S
CB #09	284.09	277.76 N	277.56 SE
CB #10	284.31	276.47 E 276.47 S	276.27 NW
CB #11	285.50		276.77 N
CB #12	283.63	277.41 NW	277.21 E
CB #13	281.39	277.89 N	277.69 SE
CB #14	281.69		278.18 S
CB #15	287.92	281.48 NE 281.48 S	281.28 W
CB #16	286.88		281.78 N
CB #17	287.30	284.00 E	283.80 W
CB #18	288.81	278.43 NE	278.23 W
CB #19	288.69	277.71 E	277.51 SW
CB #20	287.63	275.95 E	275.75 SW
CB #21	287.64	276.50 E	276.30 W
CB #22	284.33		277.49 W
FES #02	271.42	267.75 E	
OUTLET STRUCTURE	272.33		268.50 W
ROOF TREATMENT BOX D	286.34	277.45 S	277.25 NW
YI #01	284.71	276.21 NW 276.21 E	276.01 S 276.01 W
YI #02	284.34	275.75 N 275.75 E	275.55 S 275.55 W
YI #03	284.01	275.34 N 275.34 E	275.14 S 275.14 W
YI #04	284.18	274.53 N 274.53 E	274.33 S 274.33 W
YI #05	284.06	274.08 N 274.08 E	273.88 W
YI #06	280.66	274.89 N 274.69 W 274.69 E	274.49 SE
YI #07	280.90	274.14 NW 273.54 W 273.54 E	273.34 S
YI #08	281.38	273.06 N 273.06 E	272.86 S
YI #09	281.92	276.15 NW 275.35 E	275.15 S
YI #10	288.00	277.02 N	276.82 S 276.82 W
YI #11	287.85	276.56 N	276.36 W 276.36 S
YI #12	287.59	276.15 N	275.95 W 275.95 S
YI #13	285.52	277.07 W	276.87 N
YI #14	282.92	272.74 E	272.54 W

14.) DRAINAGE IS BEING PUSHED ACROSS THE ROAD BASED ON THE SLOPE. CONFIRM IF THIS IS AN APPROPRIATE LOCATION FOR THIS CB.

BETTERMAN DRIVE
50' PUBLIC R/W

JONESVILLE RD
72' PUBLIC R/W

OCEANS COURT
50' PUBLIC R/W

MITCHELL MILL RD.
60' PUBLIC R/W

PEEBLES RD.
60' PUBLIC R/W

BUILDING A

BUILDING B

BUILDING C

BUILDING D

BUILDING E

SCM PLAZA

INFILTRATION DETAIL A1

INFILTRATION DETAIL A2

INFILTRATION DETAIL B

INFILTRATION DETAIL C

INFILTRATION DETAIL D1

INFILTRATION DETAIL D2

INFILTRATION DETAIL E

12" HDPE (TYP.)

15" HDPE (TYP.)

18" HDPE (TYP.)

24" HDPE (TYP.)

36" HDPE (TYP.)

12" HDPE SLOTTED PIPES (TYP.)

12" HDPE PERFORATED PIPE (TYP.)

36" GROUND WATER OUTLET

OUTLET STRUCTURE
TOP: 284.00
INV OUT: 268.50 (W)

MONITORING WELL

ROOF TREATMENT BOX D

SCM MAINTENANCE AND ACCESS EASEMENT

ROOF DRAIN CO

ROOF DRAIN CO

CB #01

CB #02

CB #03

CB #04

CB #05

CB #06

CB #07

CB #08

CB #09

CB #10

CB #11

CB #12

CB #13

CB #14

CB #15

CB #16

CB #17

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VI #138

VI #139

VI #140

VI #141

VI #142

VI #143

VI #144

VI #145

VI #146

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VI #194

VI #195

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VI #197

VI #198




VI #199

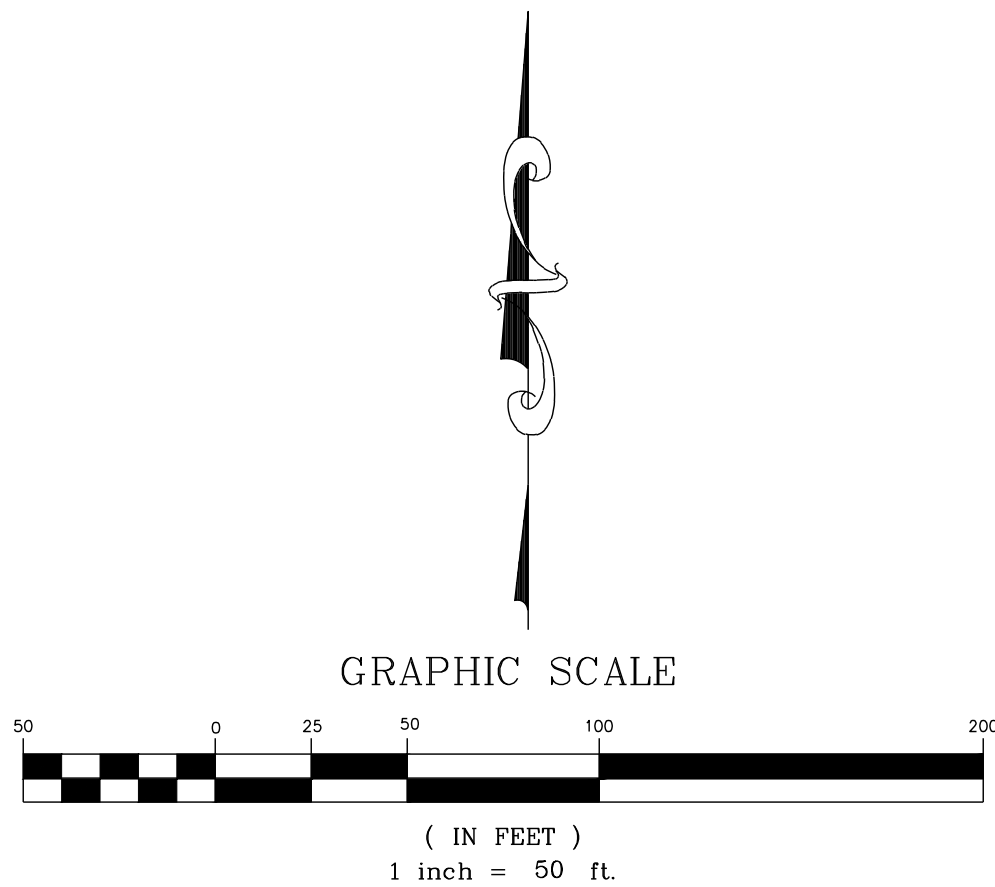
VI #200

VI #201

VI #202

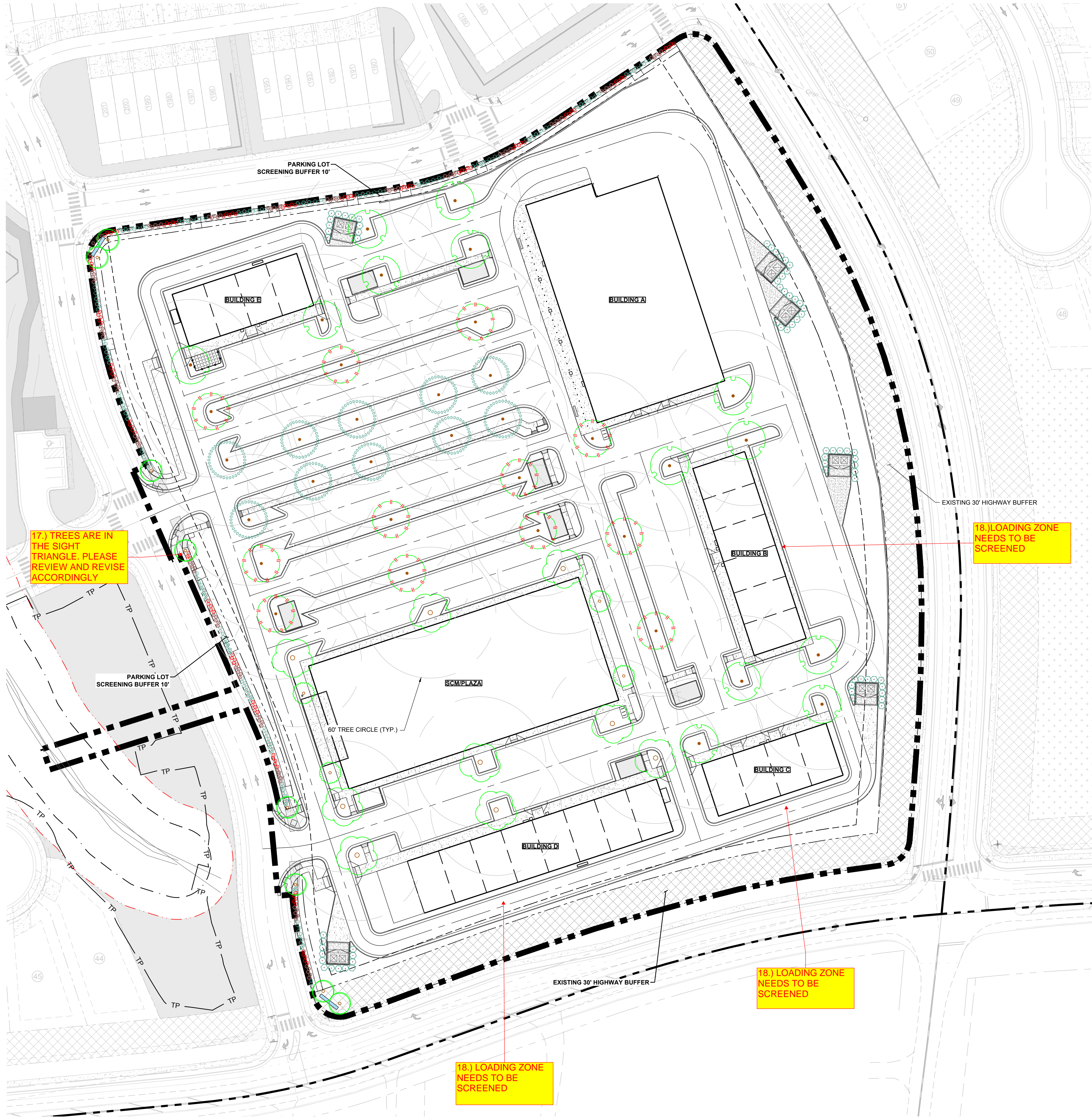
LEGEND:

	EXISTING PROPERTY LINE
	PROPOSED HDPE SOLID PIPE
	PROPOSED HDPE PERFORATED PIPE
	PROPOSED HDPE SLOTTED PIPE
	PROPOSED RCP STORM OUTLET PIPE

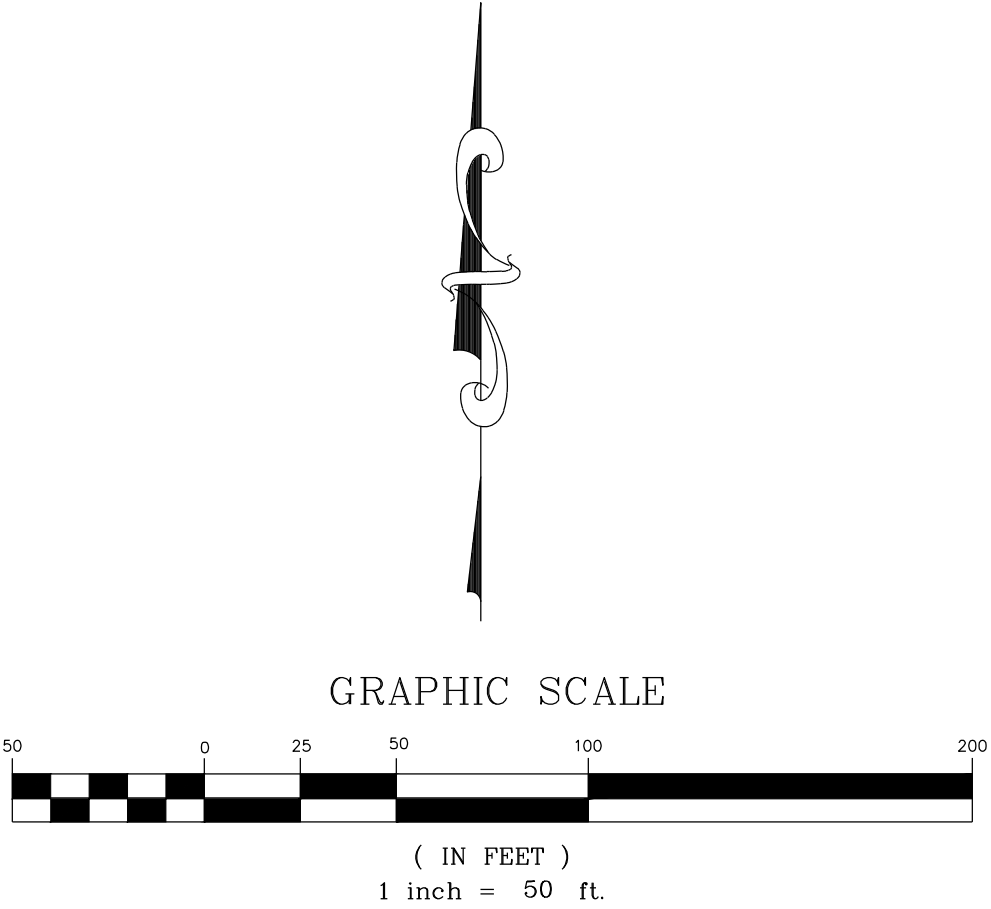


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06 OF 17	C-6.0	<div>DRAWING SHEET</div>	<div>RESERVE @ MITCHELL MILL COMMERCIAL TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA CONSTRUCTION PLANS DRAINAGE PLAN</div>	STRONG ROCK PROJECT PSP-23-03	<div>STRONG ROCK ENGINEERING GROUP</div> <div>STRONG ROCK ENGINEERING GROUP, PLLC COMPANY LICENSE # P-2166 305 CHURCH AT NORTH HILLS STREET, SUITE 110 RALEIGH, NC 27609 INFORMATION@STRONGROCKGROUP.COM</div>			SEAL:	CD SUBMITTAL #1 0	SRCS 08/01/2025
				NOT FOR CONSTRUCTION						
				SCALE AS SHOWN						
				DESIGNED BY SRG						
				DRAWN BY SRG						
				CHECKED BY SRG						
				No.	REVISIONS	DATE	BY			



PLAN SCHEDULE								
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	REMARKS
CANOPY TREE								
	GIN BIL	9	GINKGO BILOBA	MAIDENHAIR TREE	8' HT.	B&B	2.0"	ONLY MALES
	KOE PAN	13	KOELREUTERIA PANICULATA	GOLDEN RAIN TREE	8' HT.	B&B	2.0"	
	MAG SWE	10	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	8' HT.	B&B	2.0"	
	TAX DIS	12	TAXODIUM DISTICHUM	BALD CYPRESS	8' HT.	B&B		
		44	SUBTOTAL:					
UNDERSTORY								
	CAR AME	4	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	6' HT.	B&B	1.5"	
	ILE AME	8	ILEX OPACA	AMERICAN HOLLY	6' HT.	B&B	1.5"	
		12	SUBTOTAL:					
DUMPSTER SCREENING								
	ILE NEL	70	ILEX X 'NELLIE R. STEVENS'	NELLIE R. STEVENS HOLLY	6' HT.	B&B		
		70	SUBTOTAL:					
PERIMETER SHRUBS								
	CAL PR2	108	CALLICARPA DICHOTOMA	PURPLE BEAUTYBERRY	3 GAL.	POT		
	ITE V13	110	ITEA VIRGINICA	VIRGINIA SWEETSPIRE	3 GAL.	POT		
	RHA IN2	104	RHAPHIOLEPIS INDICA	INDIAN HAWTHORN	3 GAL.	POT		
	VIB DA2	98	VIBURNUM DAVIDII	DAVID VIBURNUM	3 GAL.	POT		
		420	SUBTOTAL:					



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08/01/2025

CD SUBMITTAL #1

0

SEAL:

STRONGROCK

ENGINEERING GROUP

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT
PSP-24-03

NOT FOR
CONSTRUCTION

SCALE AS SHOWN

DESIGNED BY
SRG

DRAWN BY
SRG

CHECKED BY
SRG

RESERVE @ MITCHELL MILL
COMMERCIAL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARKING LOT TREES AND
PERIMETER BUFFER

DRAWING
SHEET

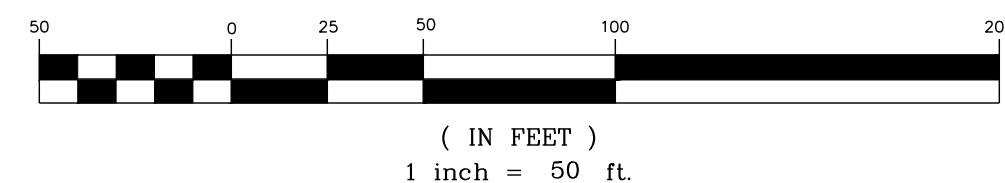
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07 OF 17

REVISIONS

DATE

BY



STRONG ROCK PROJECT PSP-23-03	NOT FOR CONSTRUCTION	SCALE	AS SHOWN	DESIGNED BY	SRG	DRAWN BY	SRG	CHECKED BY	SRG
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DRAWING
SHEET

Product sheet

CODE square planter

2646

Designed by
Hong Ngo-Aandal, Johan Verde

Code square planter consists of rectangular boxes that can be assembled horizontally and vertically to different furniture formations and landscapes.

Anchoring/assembly

100.0 lb

Primary material

Hot-dip galvanised steel

All steel components are hot-dip galvanised, which produces a matt grey surface after a while. We offer a lifetime anti-rust warranty. Corrosion class C4

0.12"

Sustainability

Indicators	Global warming	Total energy used	Recycled materials
Unit	kg CO2	MJ	%
Cradle to Gate A0-A2	285.37	3975	2.69

Certifications

Warranty

- Lifetime warranty against rust
- 15 year warranty on powder coating
- 15 year warranty on wood
- Spare parts always available

Visit www.vestre.com for more information.
Specifications are subject to change without notice.
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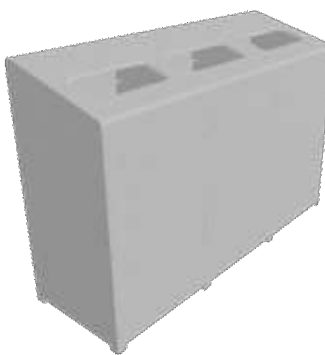
vestre

ACCEPTOR 110


2192

Designed by
Artur Wozniak

Accepter 110 is our smart modular waste-sorting system that can easily be adapted for an increased number of sorting options. The different openings come in optional colours to encourage and facilitate waste sorting, and the receptacles are easily emptied by opening the door and removing the bin bag. We have now redesigned the smallest unit Accepter 110. The design has been optimised based off customer feedback and is now more in line with the larger Accepter 160 version. The system is top-loading for easy access and is available with both rectangular and round openings and with an inner metal receptacle for glass.



110mm (4 3/8") plate - junction / holding




Anchoring/assembly

Free-standing/mounted to the ground

Primary material

Hot-dip galvanised steel

All steel components are hot-dip galvanised, which produces a matt grey surface after a while. We offer a lifetime anti-rust warranty. Corrosion class C4




0.12"

Sustainability

Indicators	Global warming	Total energy used	Recycled materials
Unit	kg CO2	MJ	%
Cradle to Gate A9-A13	214.91	383.97	2.73

Certifications




Warranty

- Lifetime warranty against rust
- 15 year warranty on powder coating
- 15 year warranty on wood
- Spare parts always available

Visit www.vestre.com for more information.
Specifications are subject to change without notice.
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Product sheet

FORUM bicycle rack

2586A

Designed by

Tore Borgersen, Michael Olofsson, Espen Voll

Forum bicycle rack is available in narrow and wide versions. It is sturdily built and provides good support for up to two bicycles.

55.1 lbs

Anchoring/assembly

Type A - Base plate

Primary material

Hot-dip galvanised steel

All steel components are hot-dip galvanised, which produces a matt grey surface after a while. We offer a lifetime anti-rust warranty. Corrosion class C4

0.6"

Sustainability

Indicators	Global warming	Total energy used	Recycled materials
Unit	kg CO2	MJ	%
Cradle to Gate A1-A3	2163	464.81	70.56

Certifications

Warranty

- Lifetime warranty against rust
- 15 year warranty on powder coating
- 15 year warranty on wood
- Spare parts always available

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VROOM modules

620

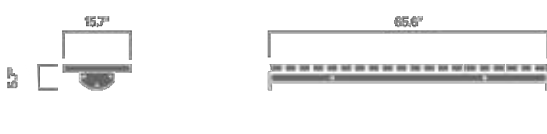
Designed by
Tore Borgersen, Michael Olofsson, Espen Voll

Vroom modules is a modular furniture system that can be extended in endless combinations. The bench comes in two widths, with or without a backrest and armrests. Straight, angled and curved connection elements mean that the seats can be joined to create long benches, formations, large and small circles, and letters.



AWARD FOR DESIGN EXCELLENCE

Anchoring/assembly




64 B

Primary material

Hot-dip galvanised steel



All steel components are hot-dip galvanised, which produces a matt grey surface after a while. We offer a lifetime anti-rust warranty. Corrosion class C4



0.2°

Sustainability

Indicators	Global warming	Total energy used	Recycled materials
Unit	kg CO2	MJ	%
Cradle to Gate A1-A3	54.42	993.62	1.68




Certifications

Warranty

- Lifetime warranty against rust
- 15 year warranty on powder coating
- 15 year warranty on wood
- Spare parts always available

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* ALL DIMENSIONS ARE IN INCHES *

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INFO@SECURITYDESIGN.COM

WWW.SECURITYDESIGN.COM

AVAILABLE OPTIONS:

PAINTS COATING

1) AVAILABLE COLORES: 1- OPTIONAL METALLIC

CUSTOM COLORS (INCLUDING THE FULL RANGE AT AN ADDITIONAL COST)

(ALL POWDER COAT FINISHES ARE DONE AT VICTOR STANLEY, INC. (VSI) TO MATCH THE VSI PRODUCT LINE)

(OTHER FINISHES: STAINLESS STEEL, POLISHED, ANTI-REFLECTIVE)

MOUNTING OPTIONS

STANDARD IN-GROUND (NOT SHOWN) AND SURFACE

AVAILABLE HEIGHTS

2' (AS SHOWN)

4'

3' (NOT AVAILABLE IN STAINLESS STEEL IN GROUND)

NOTES

1. DRAWINGS NOT TO SCALE. DO NOT SCALE DIMENSIONS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL, GALVANNEAL, EPOXY-PRIMED, PHOSPHATIZED, PRIMERED, AND ELECTROSTATICALLY POWDER-COATED WITH A G.I.C. POLYESTER-TONER COATING. PRODUCTS ARE HEAVILY GROUND AND PREPARED, PREHEATED AND COATED BAKE-UP TO FULL CURE AND ARE BUILT COATING/FULL COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH RANGES 8-10 MILS. (200-250 MICRONS).
3. THIS SECURE SITE DESIGN L.L.C. PRODUCT MUST BE PERMANENTLY ANCHORED IN THE GROUND.
CONSULT YOUR LOCAL CODES FOR REGULATIONS.
4. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
5. THIS PRODUCT IS SHIPPED FULLY ASSEMBLED.
OR APPROVED EQUALLY BY DESIGNER ON RECORD.

BOLLARD
HEIGHT: STANDARD 3-FT HEIGHT
STANDARD IN GROUND MOUNT

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REV. 09/05 09/06 L.D.L. 2016/05/10

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www.superioraluminum.com

☒ SELECT DESIRED FINISH:

- ☐ WHITE
- ☒ BLACK
- ☐ DARK BRONZE
- ☐ SANDSTONE/CLAY
- ☐ SATIN ANODIZED

The technical drawing includes several views: a side elevation of a picket fence section, a detailed view of a rail cut with mounting hardware, and a top-down view of a post cap. Callouts 1 through 7 identify specific parts like the screw, post, picket, wedge base, embedded post, post cap, and set screw.

#9003 RAIL (ALL LINES)

**STANDARD PINCHED PICKET SPEAR.
*OPTIONAL #950 (4" HIGH) &
#991 (5" HIGH) CAST PICKET SPEARS.**

AS REQ'D (72" MAX)

SHOULD BE 4" OR 4"

TYPICAL RAILING SECTION
SEE THE SERIES 7000 PICKET FENCE DESIGN STYLES
PAGES FOR OUR STANDARD FENCE DESIGNS

RAILING CUT VIEW

LEGEND

- ① #9003 RAIL W/ SCREW COVER (1-5/8" WIDE X 1-1/4" HIGH X 0.075" WALL)
- ② POST (2-1/2" SQ. X 0.075" WALL)
- ③ PICKET (3/4" SQ. X 0.05" WALL) SPACED ON 4-1/2" CENTERS
- ④ #957 SURFACE MOUNT WEDGE BASE
- ⑤ POST EMBEDDED 4" - 24" INTO CONCRETE W/ #620 COVER FLANGE
- ⑥ #950 POST CAP
- ⑦ #952 RAIL WEDGE W/ SET SCREW

NOTES:

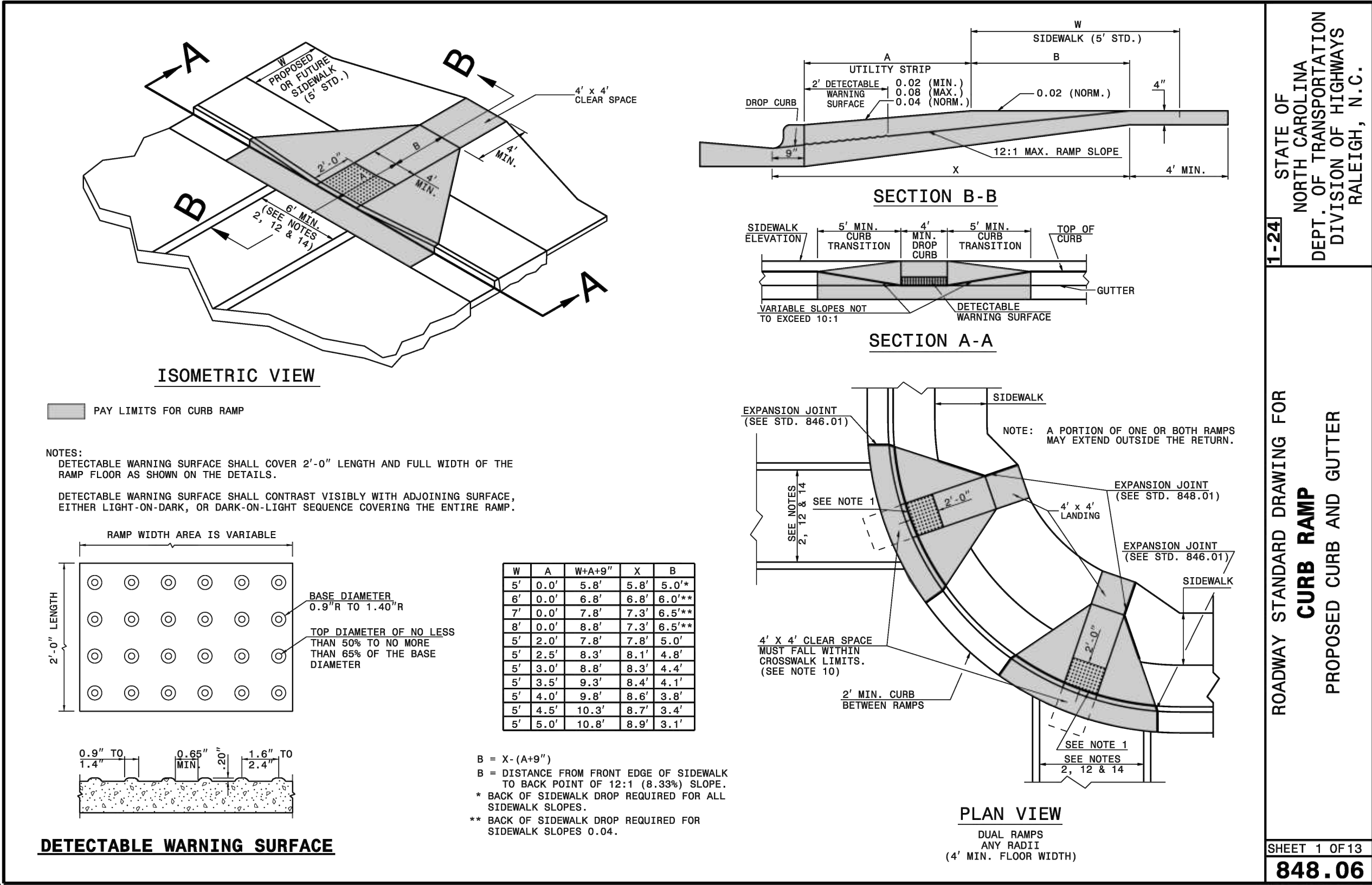
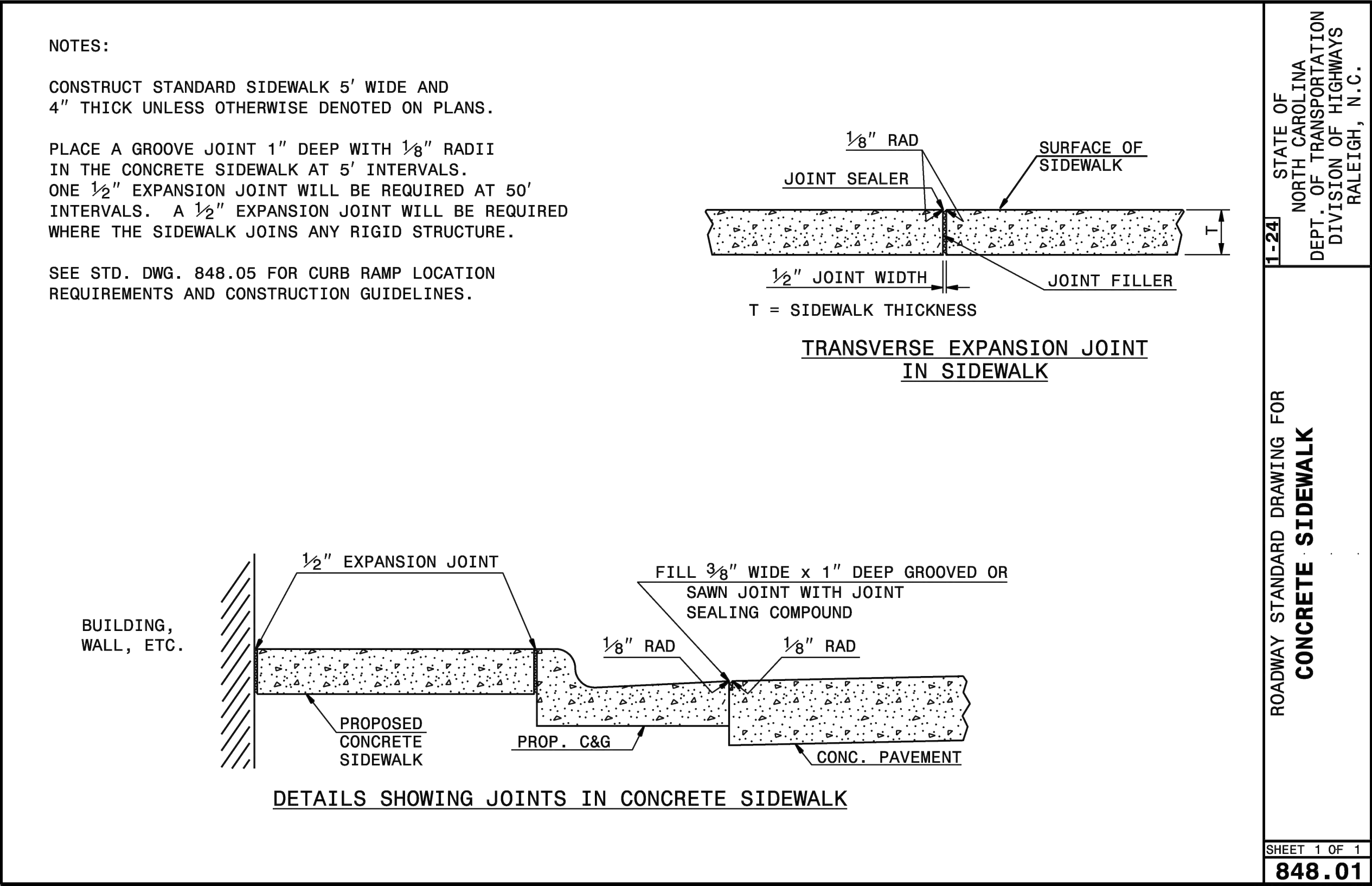
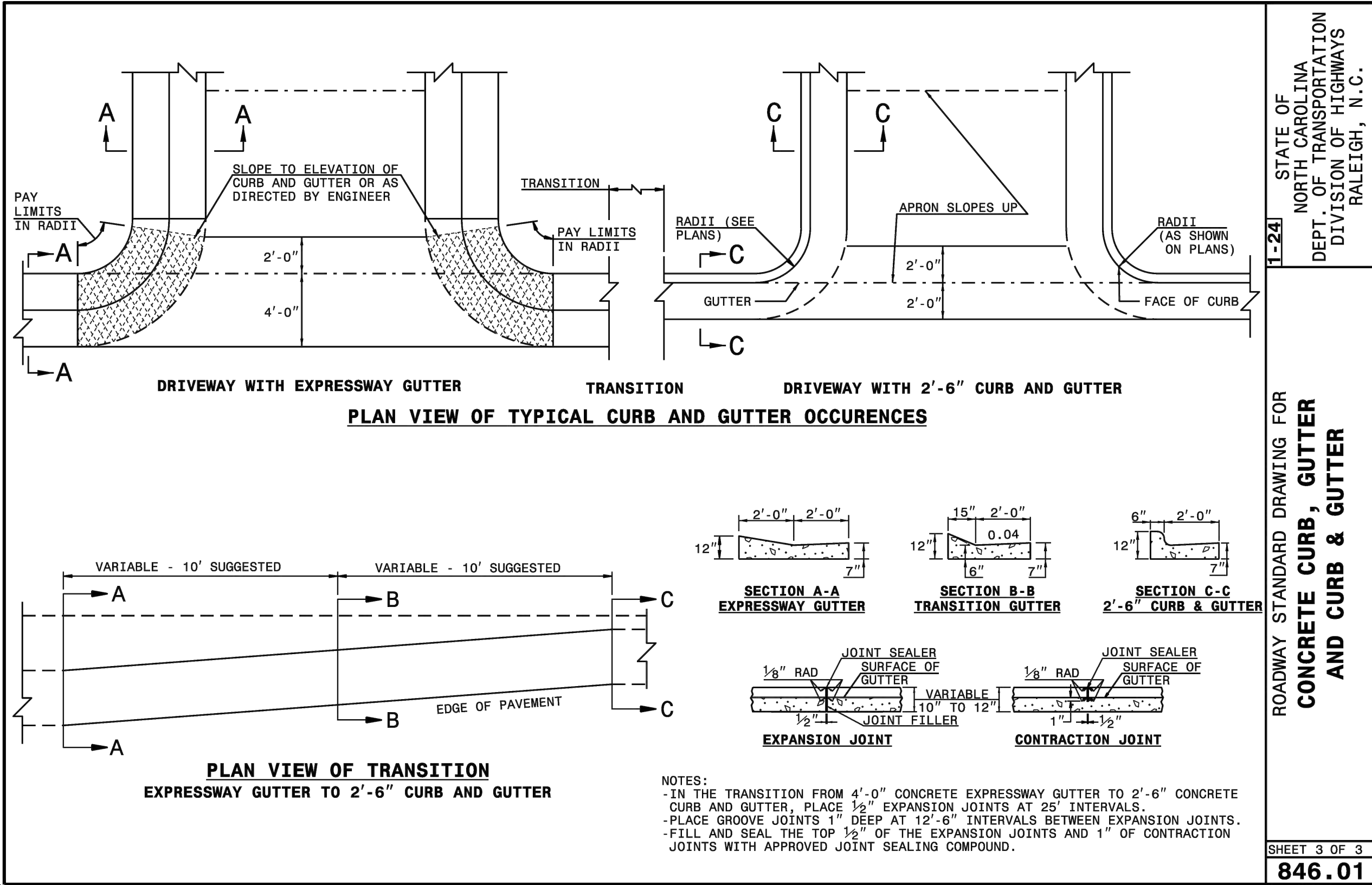
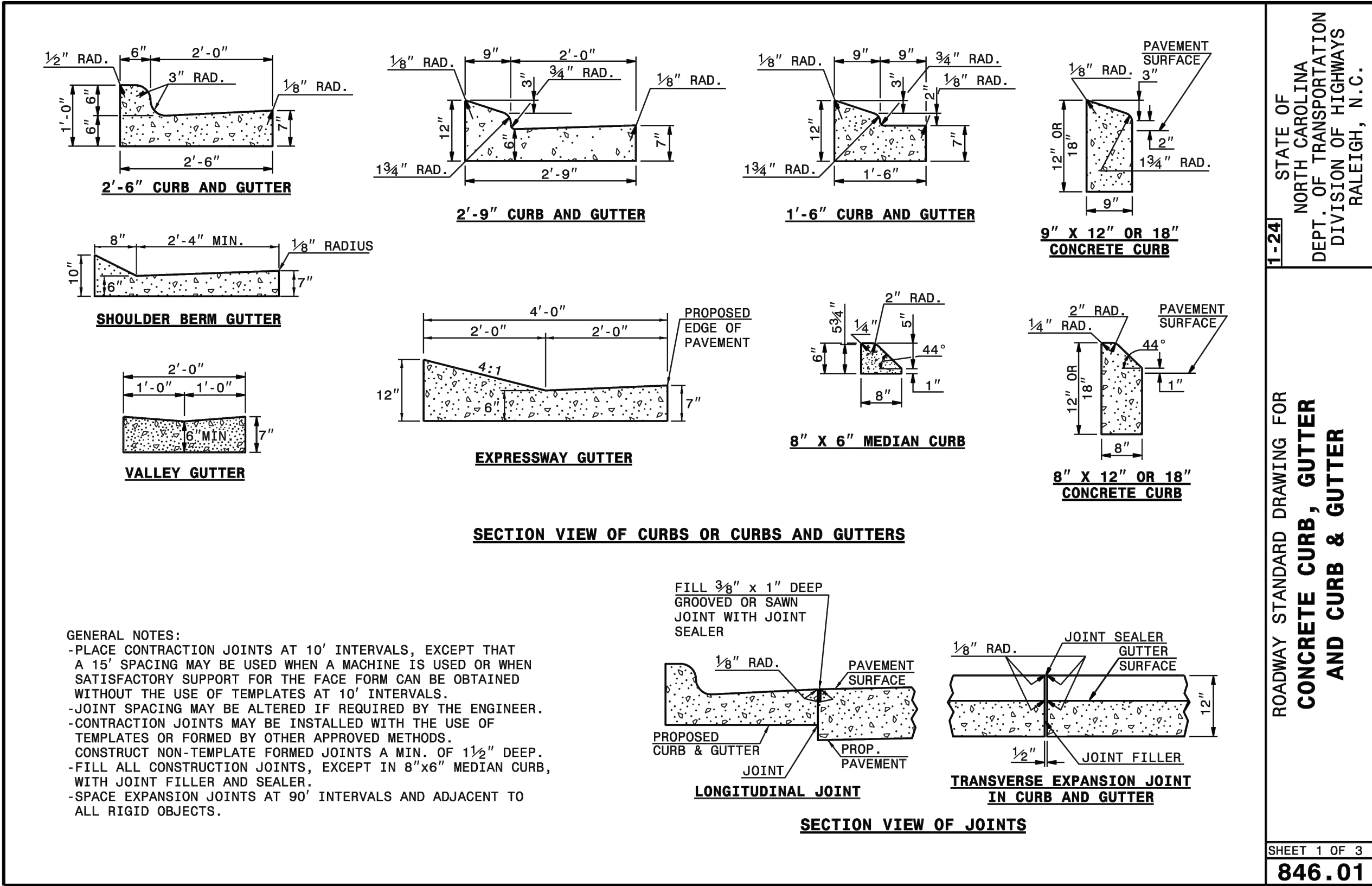
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 5311-012 OR APPROVED EQUAL BY DESIGNER ON RECORD

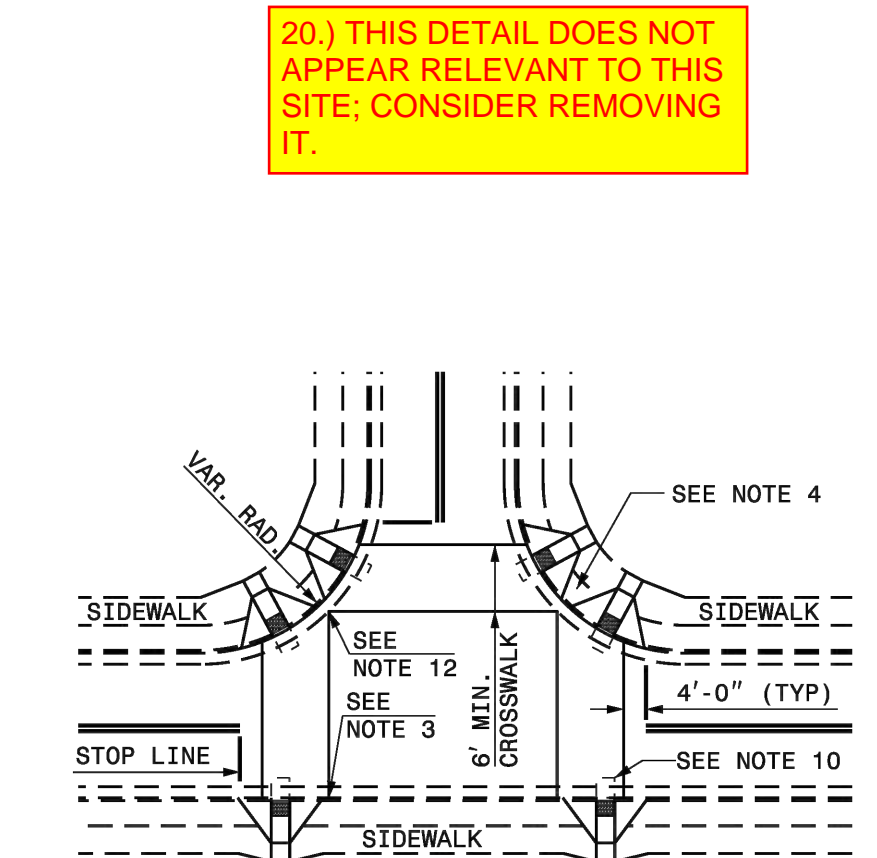
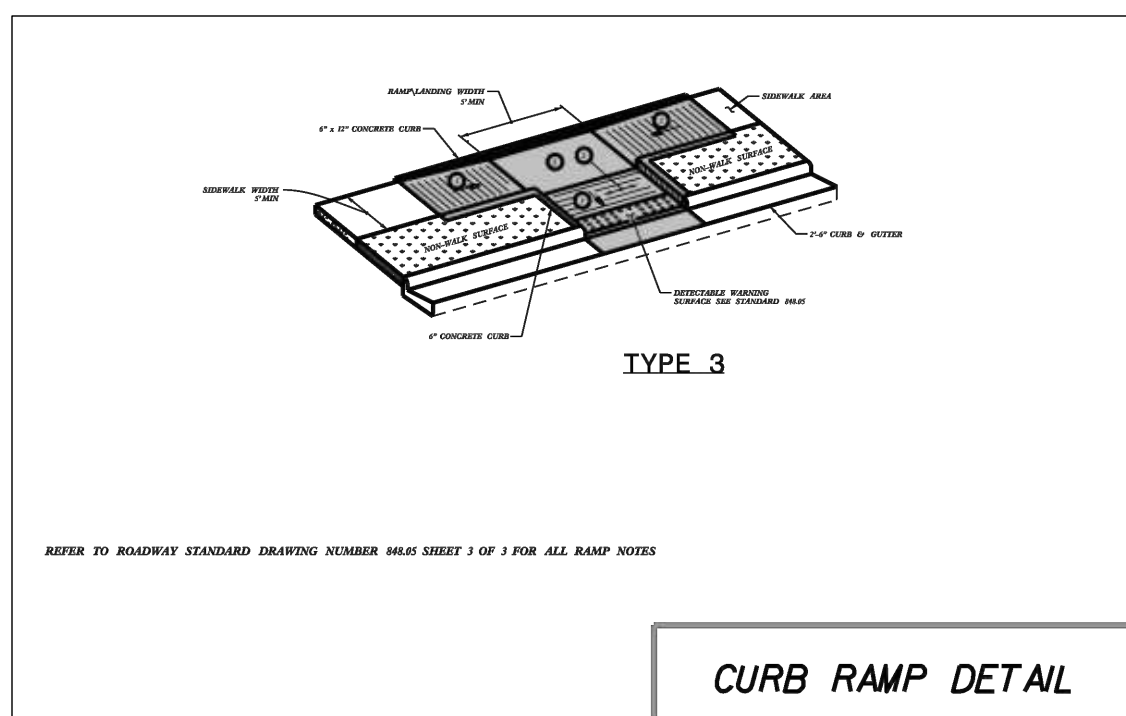
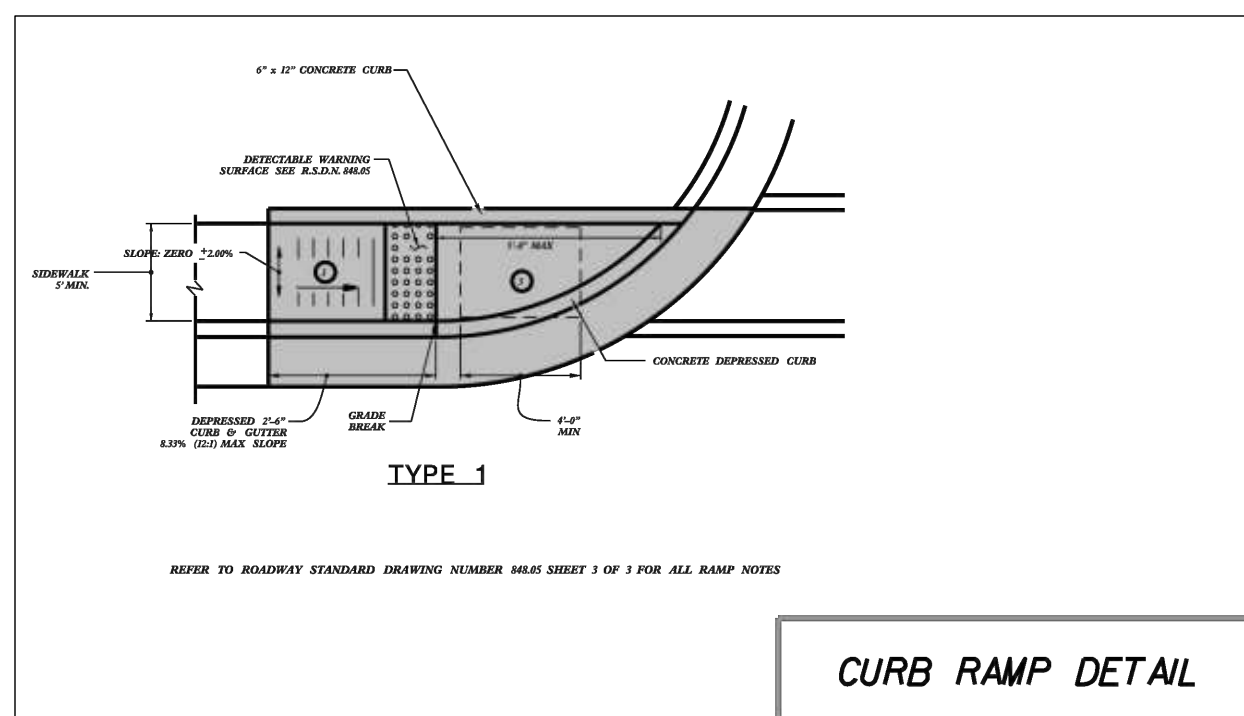
PICKET FENCE SYSTEM

SERIES 7P: PICKET FENCE SYSTEM

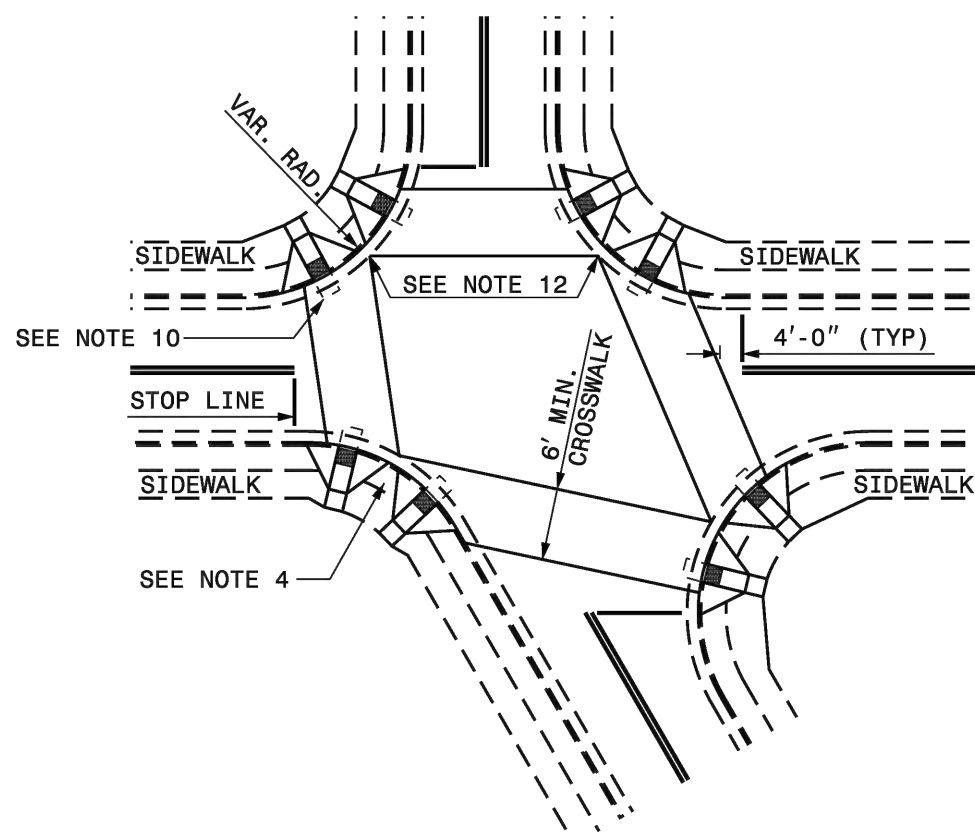
5311-012 PROTECTED BY COPYRIGHT ©2022 CADDETAILS.COM/LTD. REVISION DATE 26/07/2022 CADDetails.com

19.) PLEASE HIGHLIGHT THE TYPE OF CURB TO BE USED, AND LABEL THE TYPE OF CURB ON THE SITE PLAN.

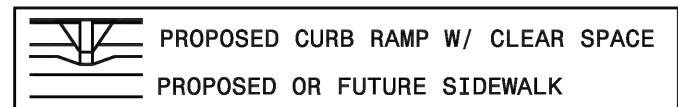
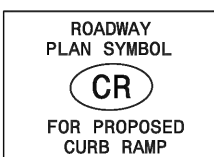




DETAIL SHOWING TYPICAL LOCATION OF CURB RAMPS,
PEDESTRIAN CROSSWALKS AND STOP LINES FOR TEE INTERSECTIONS



DETAIL SHOWING TYPICAL LOCATION OF CURB
RAMPS, PEDESTRIAN CROSSWALKS AND STOP LINES



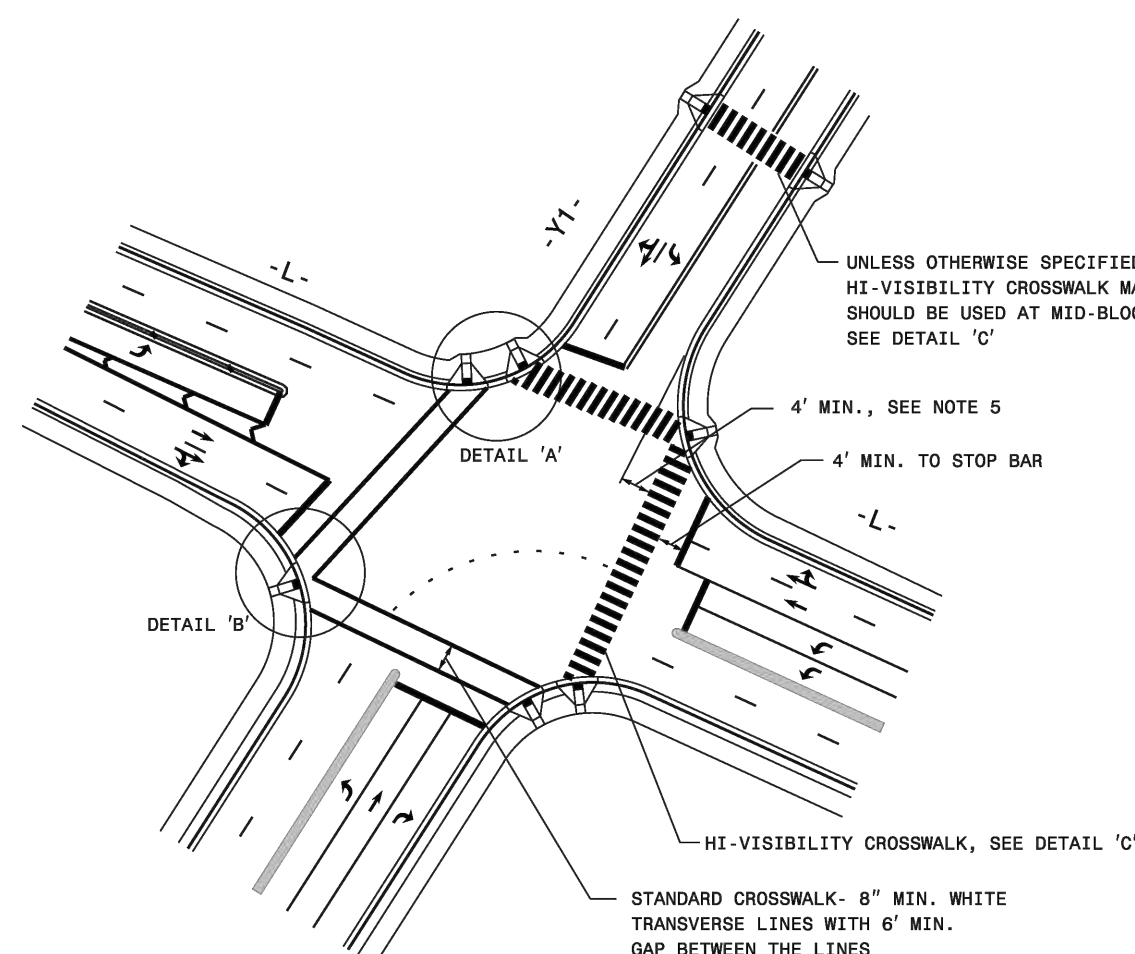
ALLOWABLE LOCATIONS

DUAL RAMP RADII.....ANY

DAY STANDARD DRAWING FOR CURB RAMP CURB RAMP LOCATION	1-24 STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH N.C.
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SHEET 5 OF 13
848.06

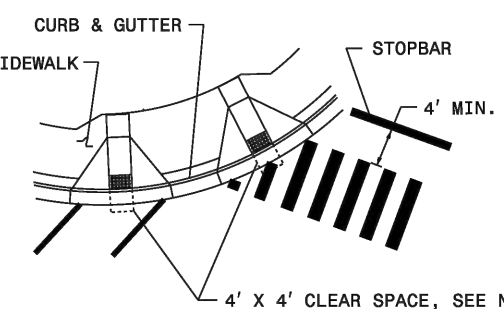
CROSSWALK PLACEMENT GUIDANCE



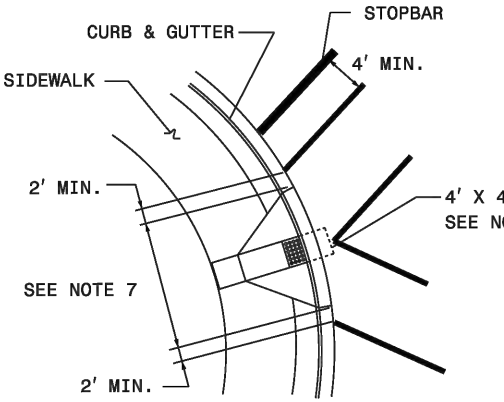
GENERAL NOTES:

1. USE THE DETAILS ABOVE AND THE FOLLOWING NOTES FOR GUIDANCE IN PLACING CROSSWALK MARKINGS.
REFER TO NCOTD ROADWAY STANDARD DRAWINGS, MUTCD AND ADA STANDARDS FOR ADDITIONAL GUIDANCE.
2. THE LOCATION AND TYPE OF CROSSWALK MARKINGS SHOWN ON THE ABOVE DETAILS ARE FOR REFERENCE. LOCATE CROSSWALK MARKINGS AS SHOWN ON THE PROJECT DETAIL SHEETS OR AS DIRECTED BY THE PROJECT ENGINEER. THE CROSSWALK MARKING TYPE, SPACING OR H-VISIBILITY, SHALL BE INSTALLED AS SPECIFIED BY THE PROJECT ENGINEER. THE ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING:
 - a. THE STANDARD CROSSWALK IS TWO WHITE "8" WIDE, TRANSVERSE LINES WITH A 4" WIDE GAP BETWEEN THE LINES. THE H-VISIBILITY CROSSWALK IS TWO WHITE LINES WITH LONGITUDINAL LINES WITH A GAP BETWEEN LINES, SEE DETAIL "C". H-VISIBILITY CROSSWALKS SHOULD BE A MINIMUM OF 6" WIDE CURB RUMPS SHALL BE PROPERLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARES.
 - b. STOP BARS SHOULD BE WHOLLY 4" MIN. IN ADVANCE OF NEAREST CROSSWALK LINE.

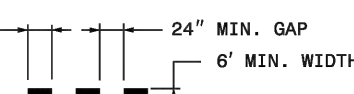
- 5- SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL IS 4' MIN.



DETAIL 'A'- DUAL CURB RAMPS



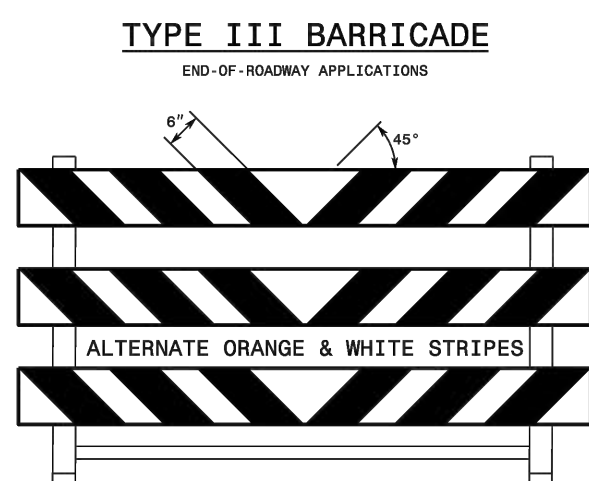
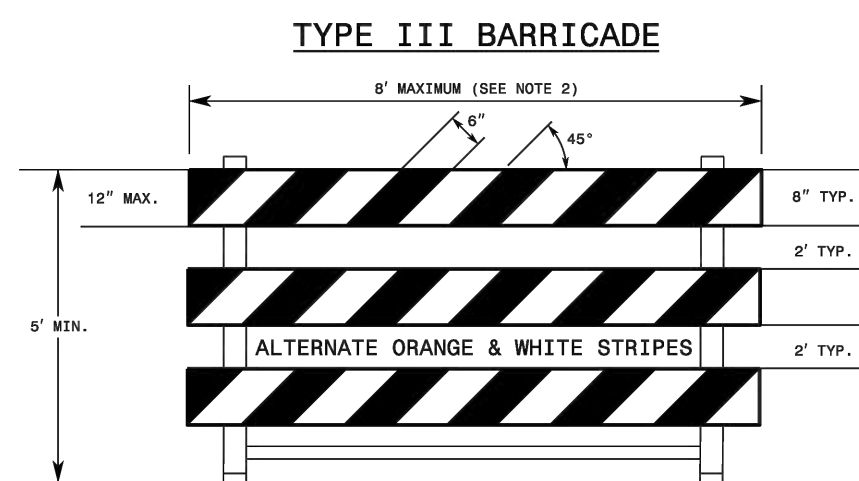
DETAIL 'B'- SINGLE DIAGONAL CURB RAMP



DETAIL 'C'- HI-VISIBILITY CROSSWALK

WAY STANDARD DRAWING FOR PAVEMENT MARKINGS PEDESTRIAN CROSSWALKS	1-24 STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.
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SHEET 1 OF 2
1205.07



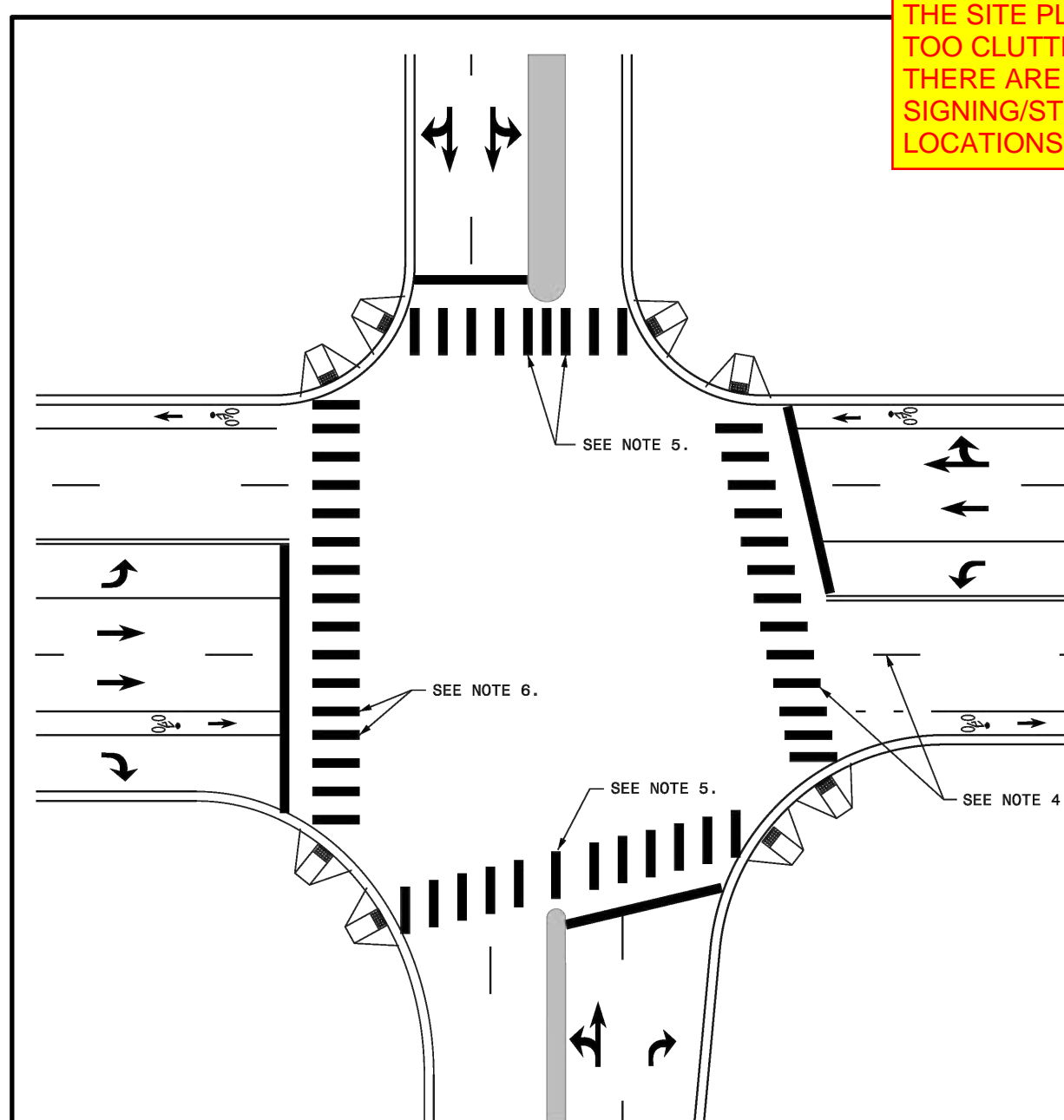
GENERAL NOTES

- 1- HORIZONTAL RAILS FOR BARRICADES MAY BE CONSTRUCTED OF APPROVED COMPOSITE, HOLLOW/ CORRUGATED EXTRUDED RIGID POLYOLEFIN, HIGH DENSITY POLYETHYLENE, OR OTHER NCDDT APPROVED MATERIAL.
- 2- BARRICADE SHALL BE LIMITED TO A MAXIMUM LENGTH OF 8 FT UNLESS NCDDT APPROVED.
- 3- ONLY NCDDT APPROVED COMPOSITE AND ROLL-UP SIGNS MAY BE MOUNTED ON THE BARRICADE RAILS. MOUNT SIGNS TO BARRICADE RAILS TO ENSURE SIGN WILL NOT BECOME DETACHED UNDER NORMAL WIND STRESS.
- 4- SIGNS SHALL BE MOUNTED A MINIMUM OF 1 FOOT FROM THE GROUND TO THE BOTTOM OF THE SIGN UNLESS SIGN R11-3 IS REQUIRED BY THE PLANS OR DIRECTED BY THE ENGINEER.
- 5- ASSEMBLY OF THE GENERIC BARRICADES MUST BE SELF CERTIFIED BY THE ASSEMBLER.
- 6- BARRICADES USED TO CLOSE A ROADWAY SHALL EXTEND ACROSS THE ENTIRE ROADWAY, WHERE LOCAL TRAFFIC MUST BE MAINTAINED, THEY MAY BE PLACED IN A STAGGERED PATTERN.
- 7- STRIPES ON WORK ZONE BARRICADE RAILS SHALL BE ALTERNATE ORANGE AND WHITE RETROREFLECTIVE STRIPES, SLOPE DOWNWARD TOWARDS THE SIDE WHICH TRAFFIC IS TO PASS OR TURN IN DETOURING. WHERE NO TURNS ARE INTENDED, THE STRIPES SHOULD SLOPE DOWNWARD TOWARD THE CENTER OF THE BARRICADE OR BARRICADES.
- 8- USE RED AND WHITE STRIPES FOR PERMANENT BARRICADES.
- 9- ALL BARRICADES MUST BE LISTED ON THE DEPARTMENT'S APPROVED PRODUCTS LIST.
- 10- PLACE SANDBAGS OR OTHER APPROVED BALLASTING METHODS ON THE FEET OF THE FRAME. DO NOT PLACE SANDBAGS ON TOP OF A STRIPED RAIL OR STABILIZER BAR. DO NOT BALLAST BARRICADES BY HEAVY OBJECTS SUCH AS ROCKS, CRUMPS OF CONCRETE OR OTHER ITEMS THAT WOULD CAUSE DAMAGE TO THE BARRICADE.

22.) PLEASE CONFIRM WHERE THESE BARRICADES ARE TO BE LOCATED. IF NOT BEING USED, CONSIDER REMOVING THE DETAIL.

STANDARD DRAWING FOR BARRICADES TYPE-III	1-24 STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.
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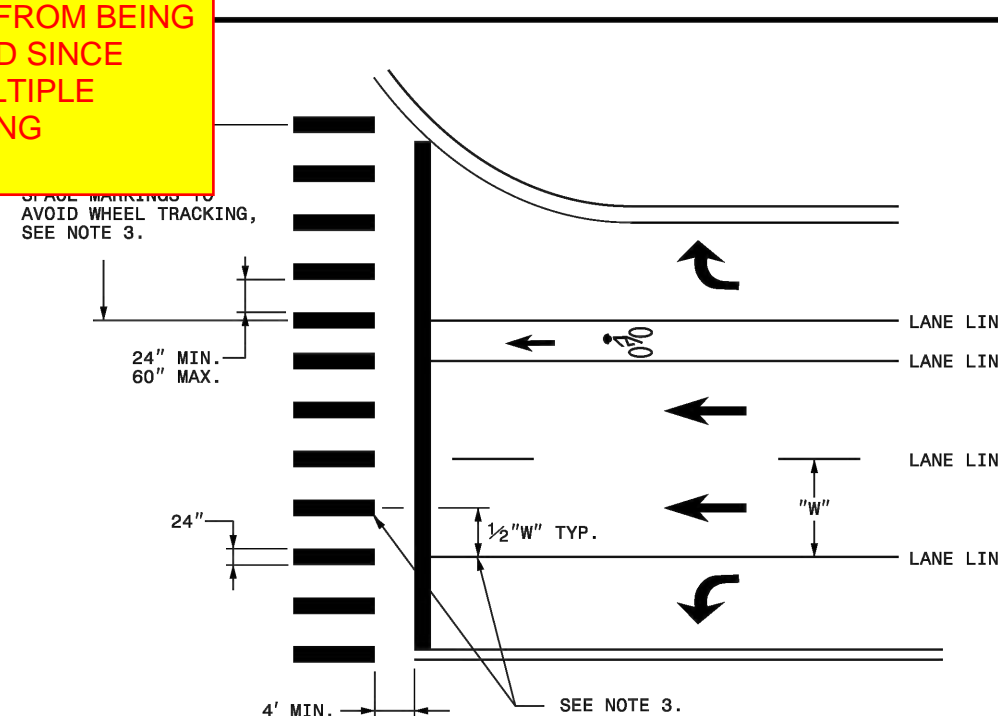
SHEET 1 OF 1
1145.01



CROSSWALK INTERSECTION DETAIL

GENERAL NOTES:

1. THE GUIDANCE IN THIS DETAIL IS TO BE USED WHEN NO-TRACK SPACING OF HI-VISIBILITY MARKINGS IS REQUESTED.
2. USE THE GUIDANCE SHOWN ON THE ABOVE DETAILS IN CONJUNCTION WITH PAYMENT MARKING GUIDANCE SHOWN ON ROADWAY STANDARD DRAWINGS 1205.01 AND 1205.07.
3. PLACE MARKINGS TO AVOID WEAPATH OF VEHICLES. MARKINGS TYPICALLY WILL BE LOCATED CENTERED AT THE 4 FEET, A SINGLE MARKING MAY BE USED. FOR WIDE MEDIANS, INSTALL ADDITIONAL MARKINGS IN THE MEDIAN AREA. THE SPACE BETWEEN THE MARKINGS SHALL NOT BE LESS THAN 24 INCHES OR GREATER THAN 60 INCHES.
4. WHERE THE CROSSWALK IS SKEWED TO THE LANE LINES, THE MARKINGS SHOULD BE PARALLEL TO THE LANE LINES.
5. PLACE MARKINGS ON BOTH EDGES OF THE NOSE OF A MEDIAN. FOR NARROW MEDIANS LESS THAN 4 FEET, A SINGLE MARKING MAY BE USED. FOR WIDE MEDIANS, INSTALL ADDITIONAL MARKINGS IN THE MEDIAN AREA. THE SPACE BETWEEN THE MARKINGS SHALL NOT BE LESS THAN 24 INCHES OR GREATER THAN 60 INCHES.
6. LOCATE MARKINGS CENTERED ON BICYCLE LANE LINES. MARKINGS SHALL NOT BE LOCATED IN THE CENTER OF THE BICYCLE PAVEMENT.



CROSSWALK MARKING DETAIL

ROADWAY STANDARD DRAWING FOR	STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.
PAVEMENT MARKINGS HI-VISIBILITY CROSSWALKS NO-TRACK MARKING GUIDANCE	1-24

SHEET 2 OF 2
1205.07

[illegible]

SEAL:

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC (COMPANY LICENSE # 2-2161)

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
3305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

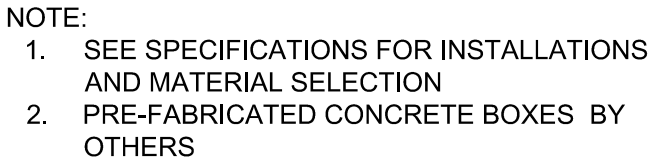
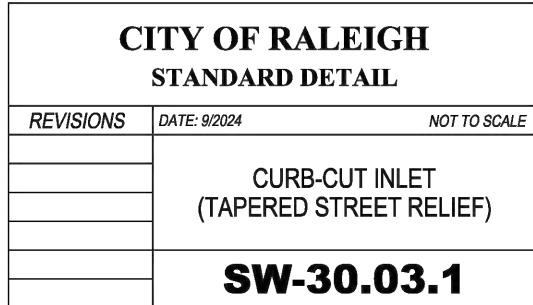
STRONG ROCK PROJECT PSP-23-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY SRG	DRAWN BY SRG	CHECKED BY SRG
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**RESERVE @ MITCHELL MILL
COMMERCIAL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
SITE DETAILS**

DRAWING
SHEET

D-2.1

12 OF 17



285 TURF

282 ELEVATION

281 ELEVATION

277 ELEVATION

276 ELEVATION

PIPE INVERT 27

274 ELEVATION

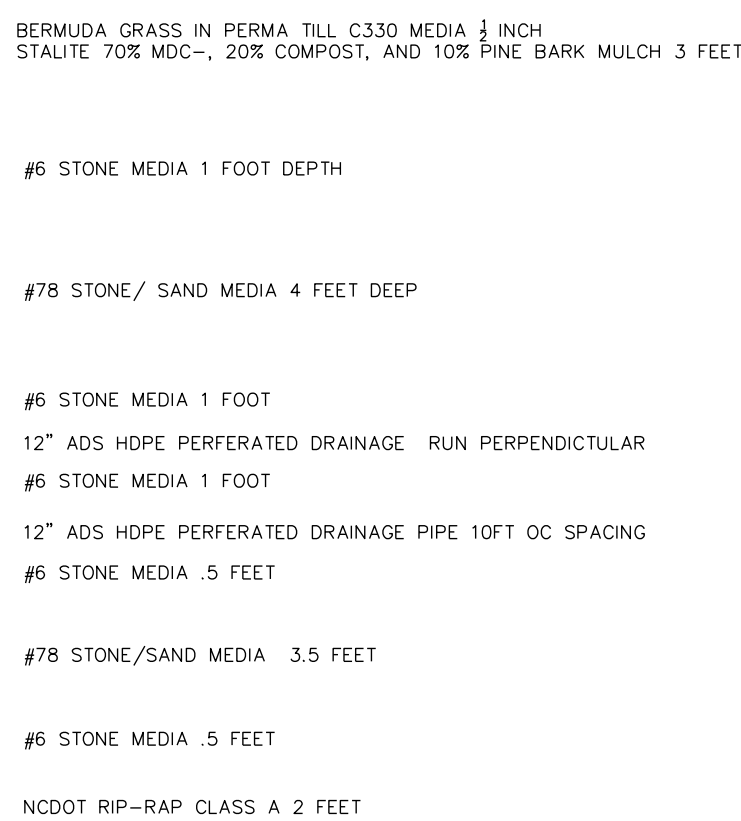
PIPE INVERT 27

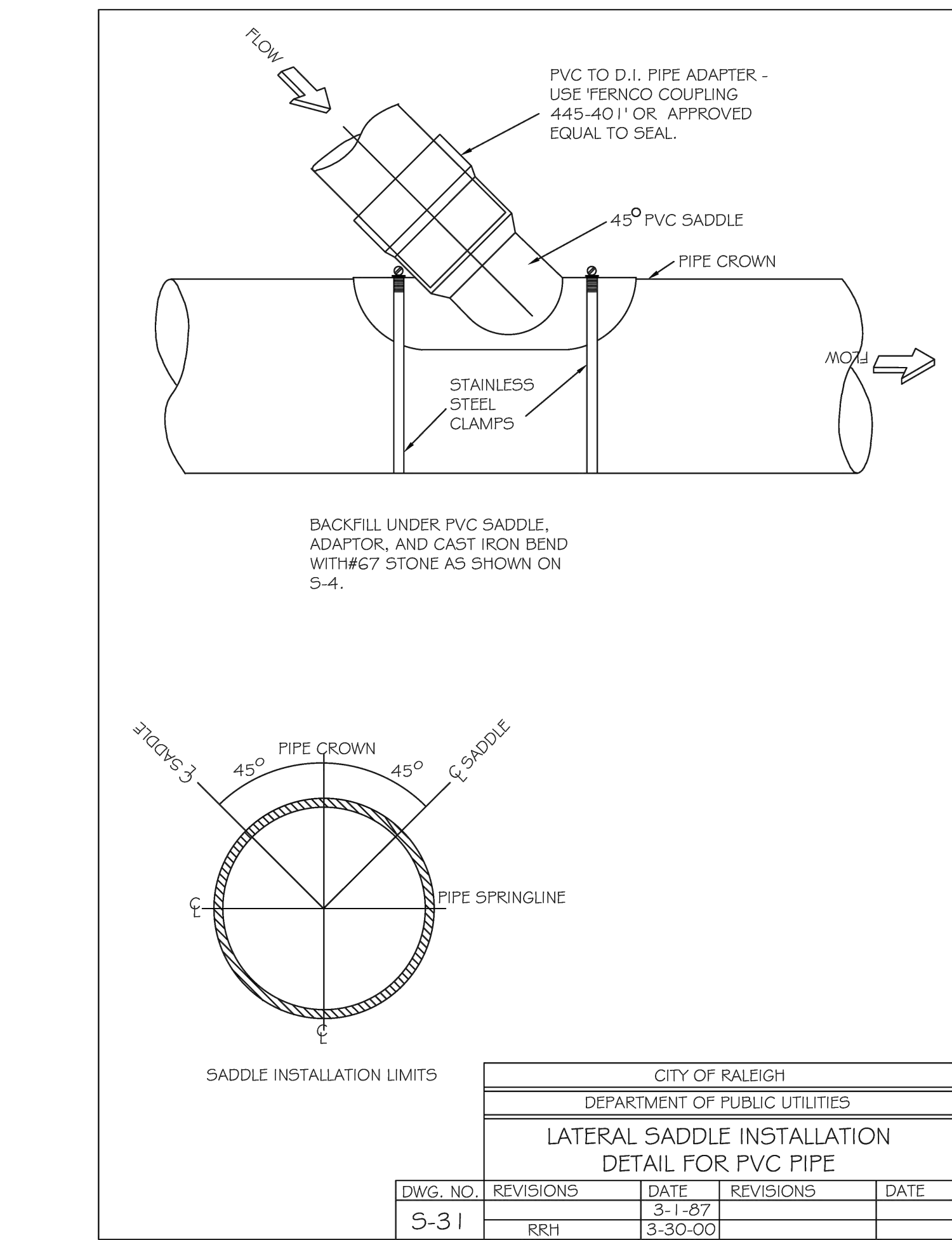
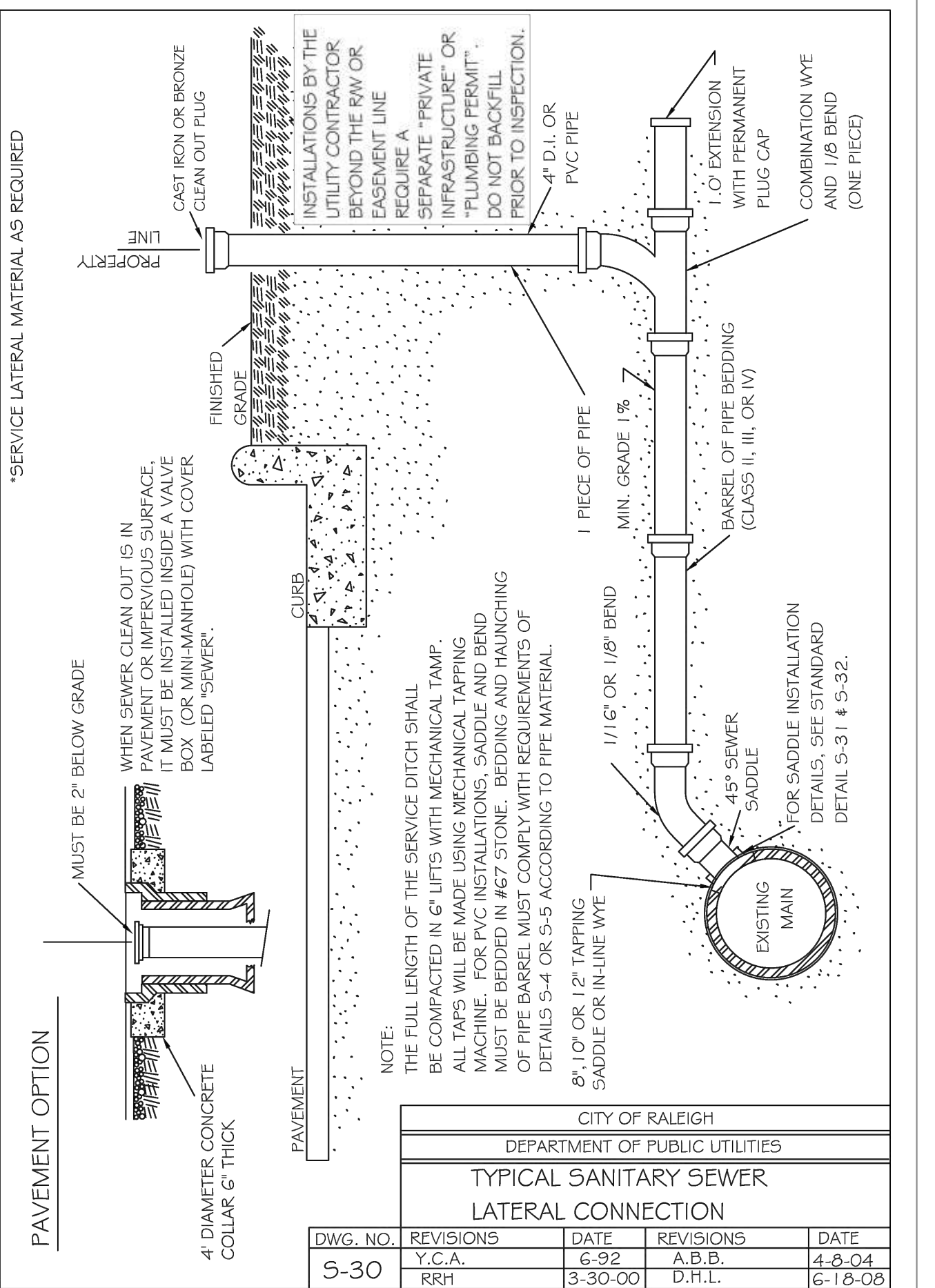
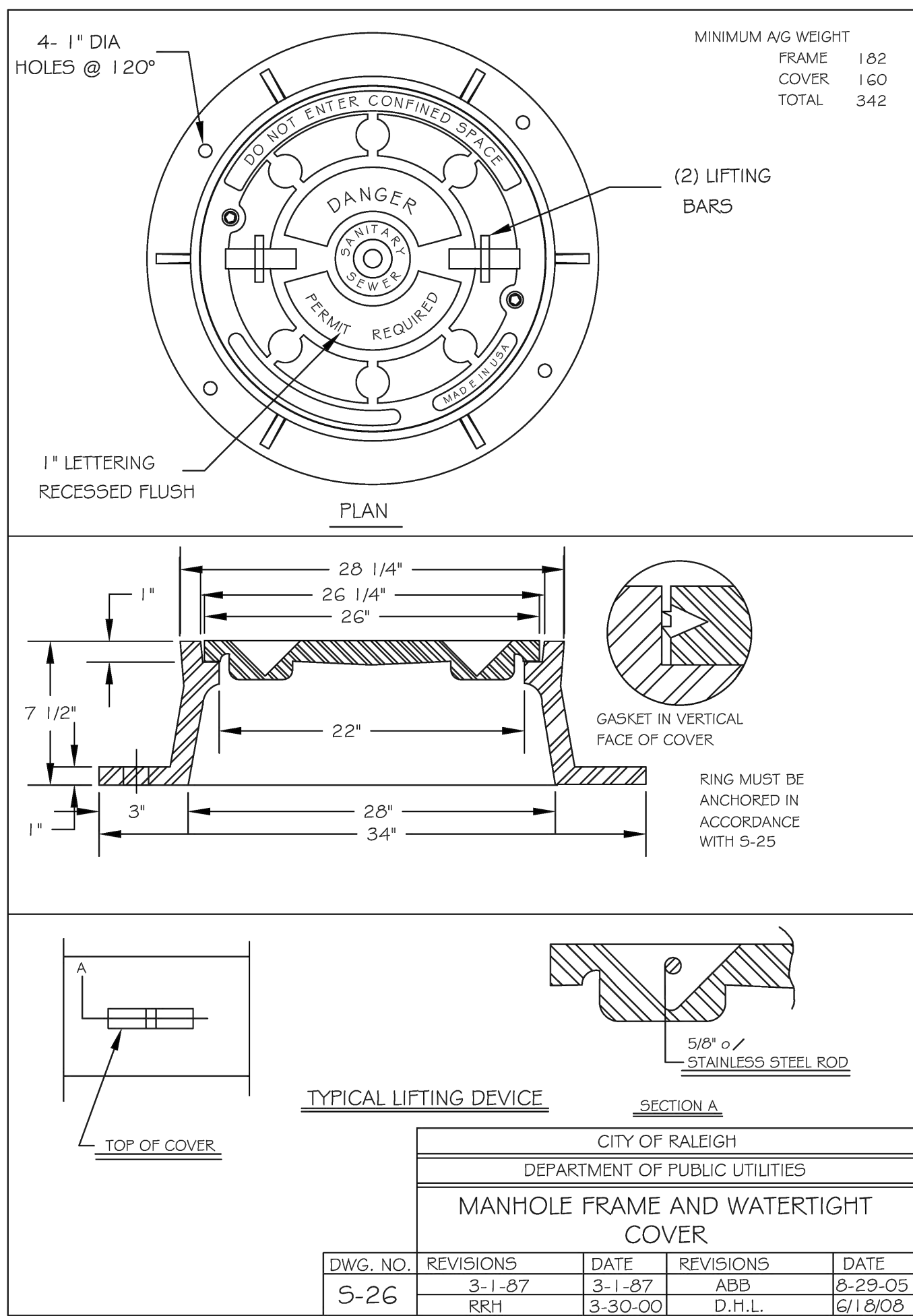
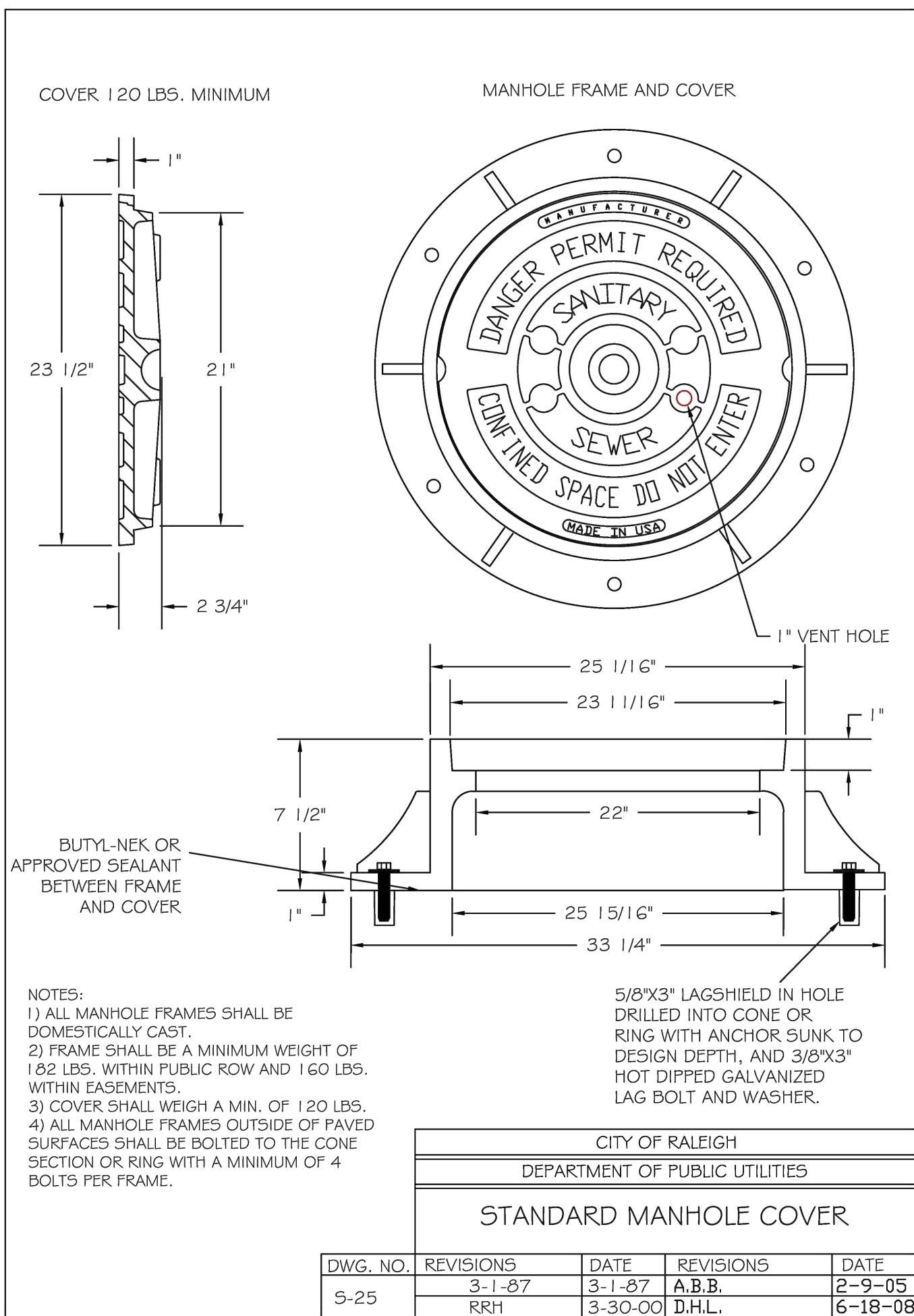
272. ELEVATION

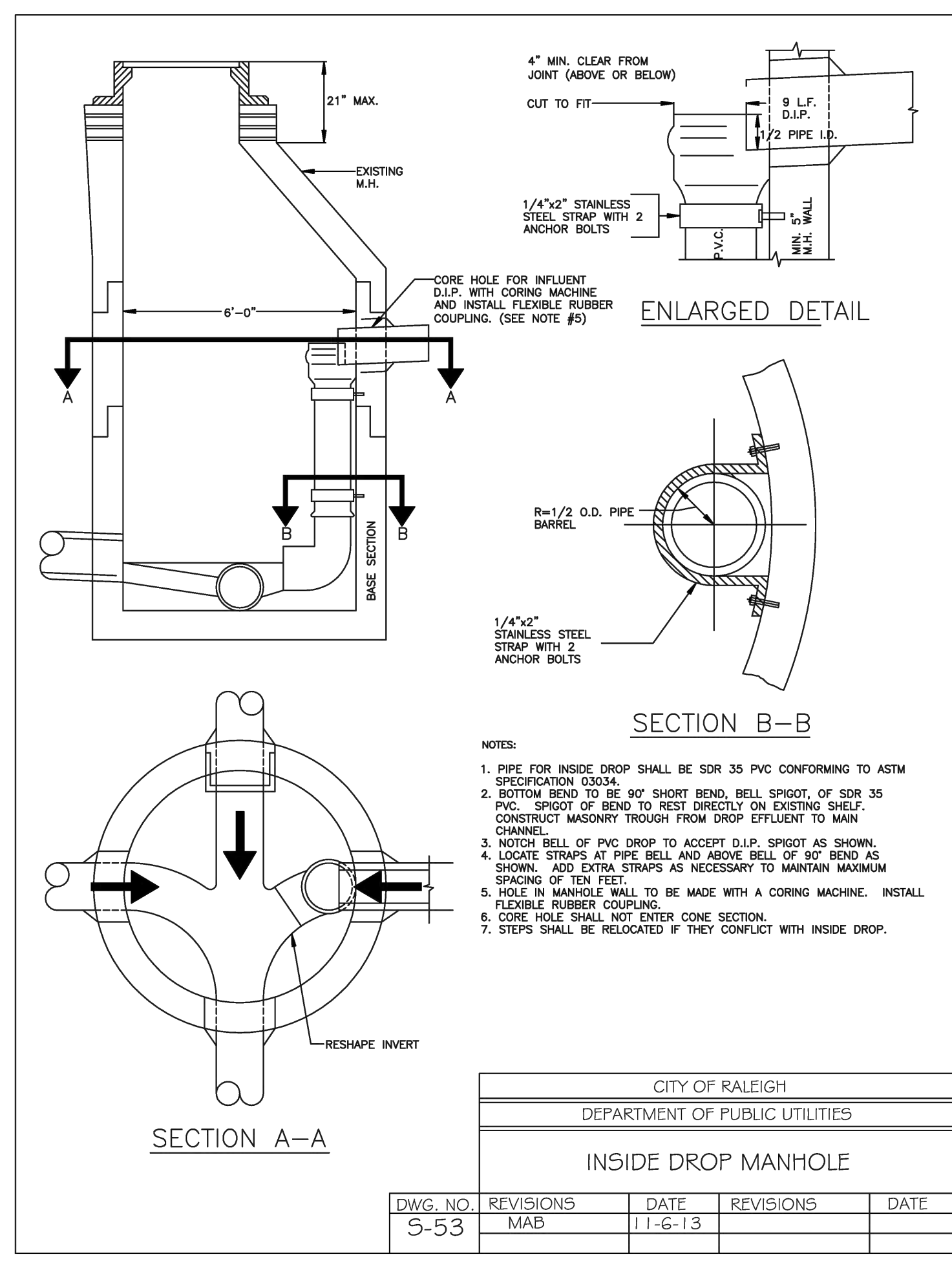
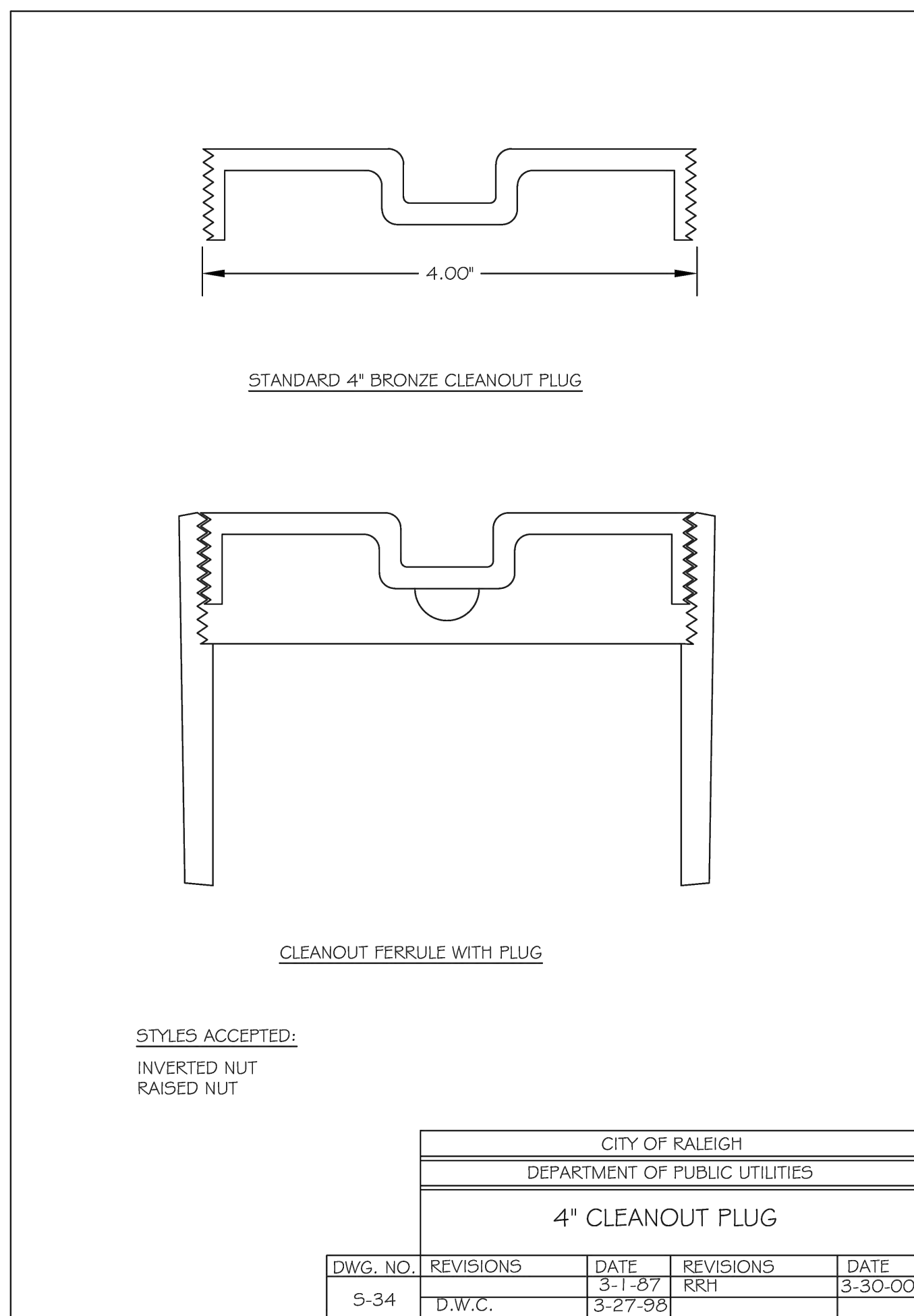
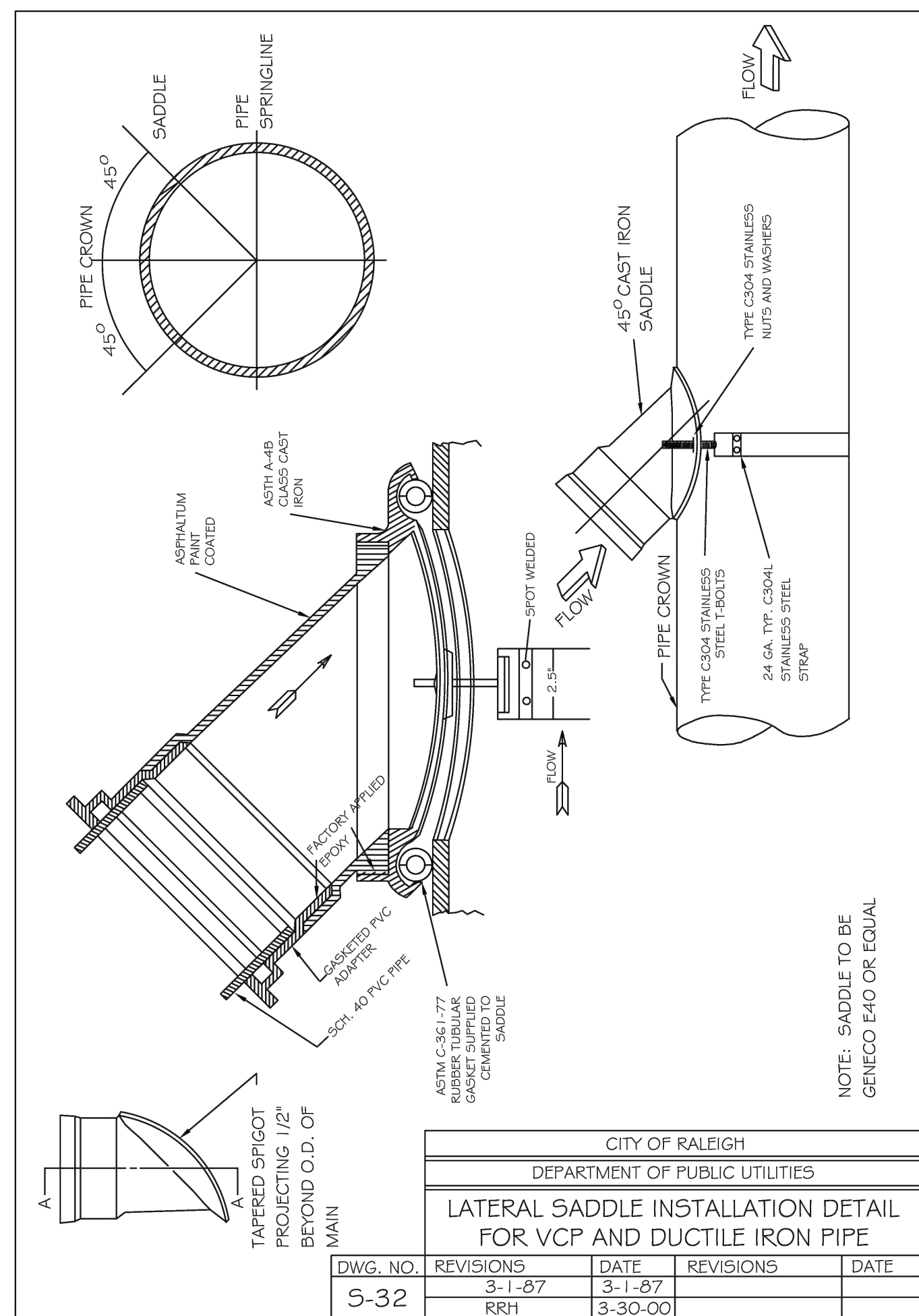
272. ELEVATION

272. ELEVATION

268.5 STONE SU







PUBLIC
WATER DISTRIBUTION / EXTENSION SYSTEM

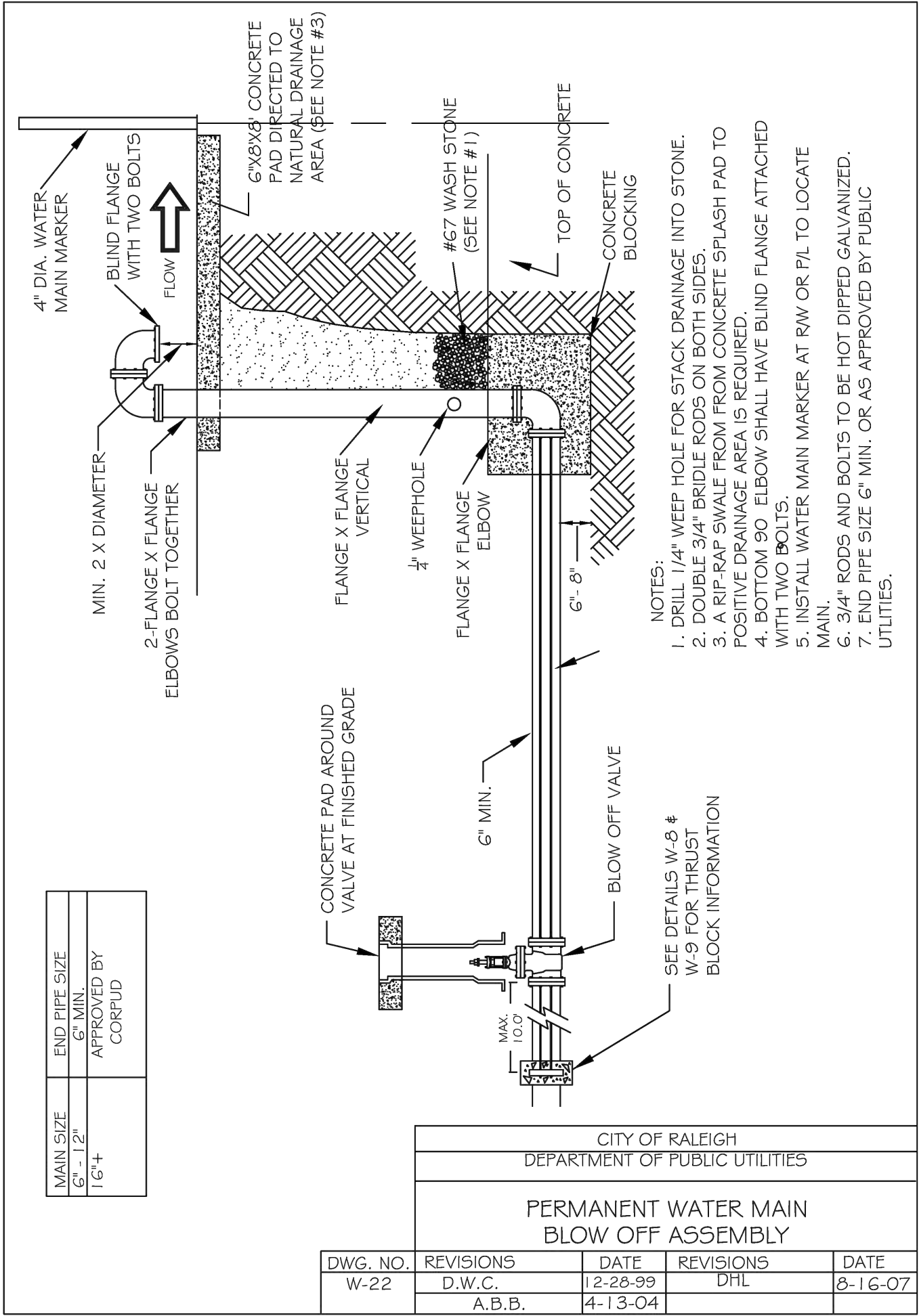
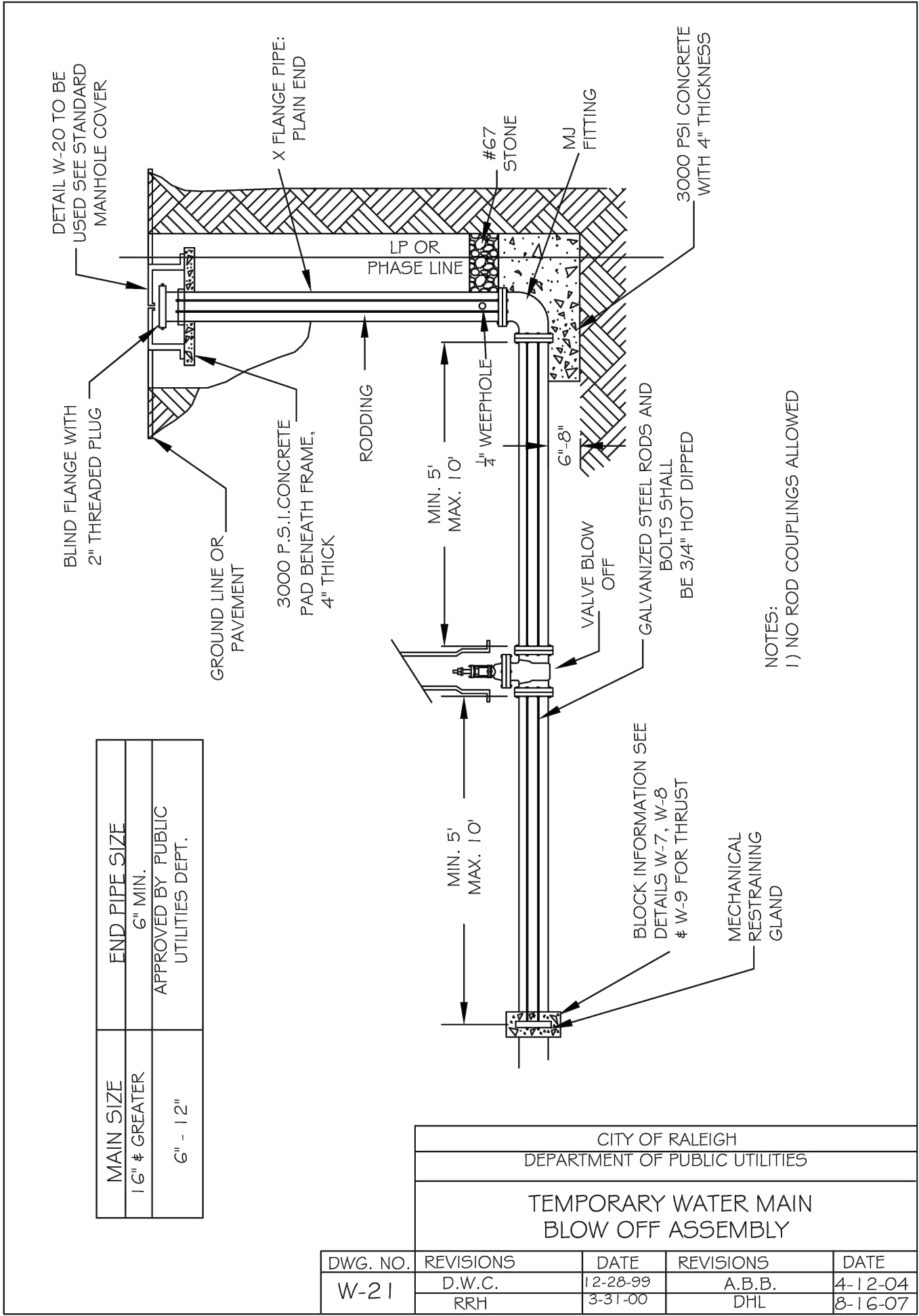
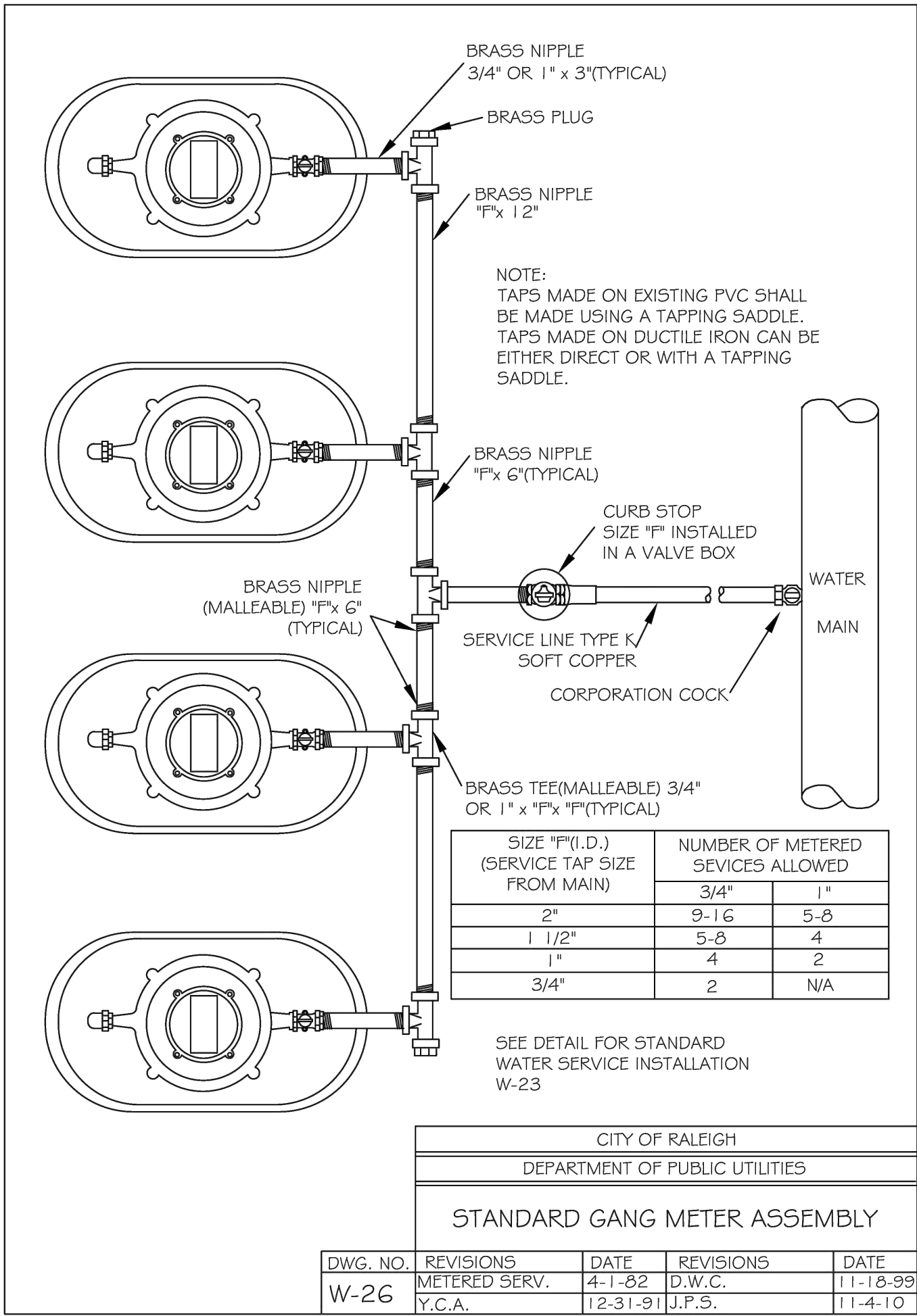
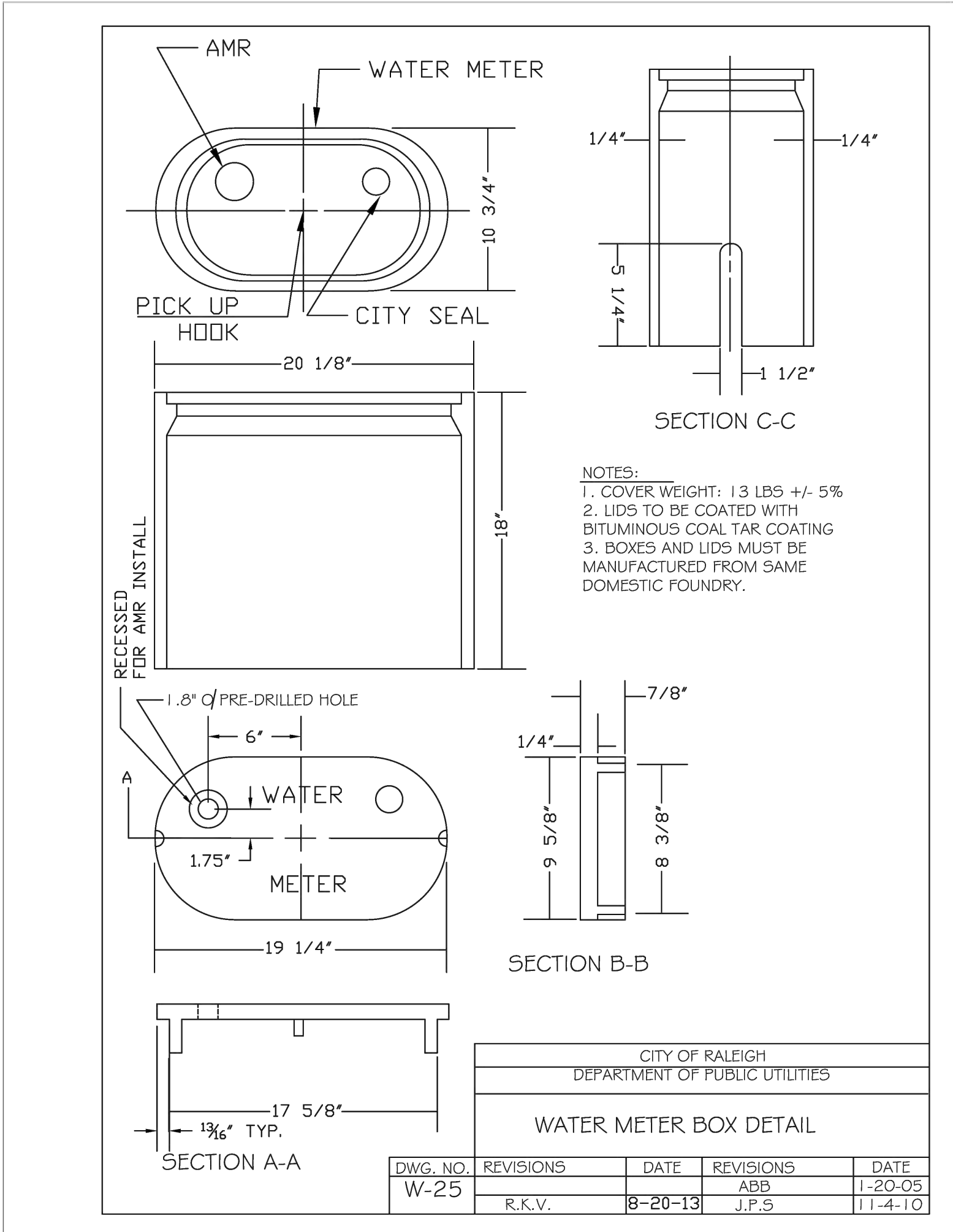
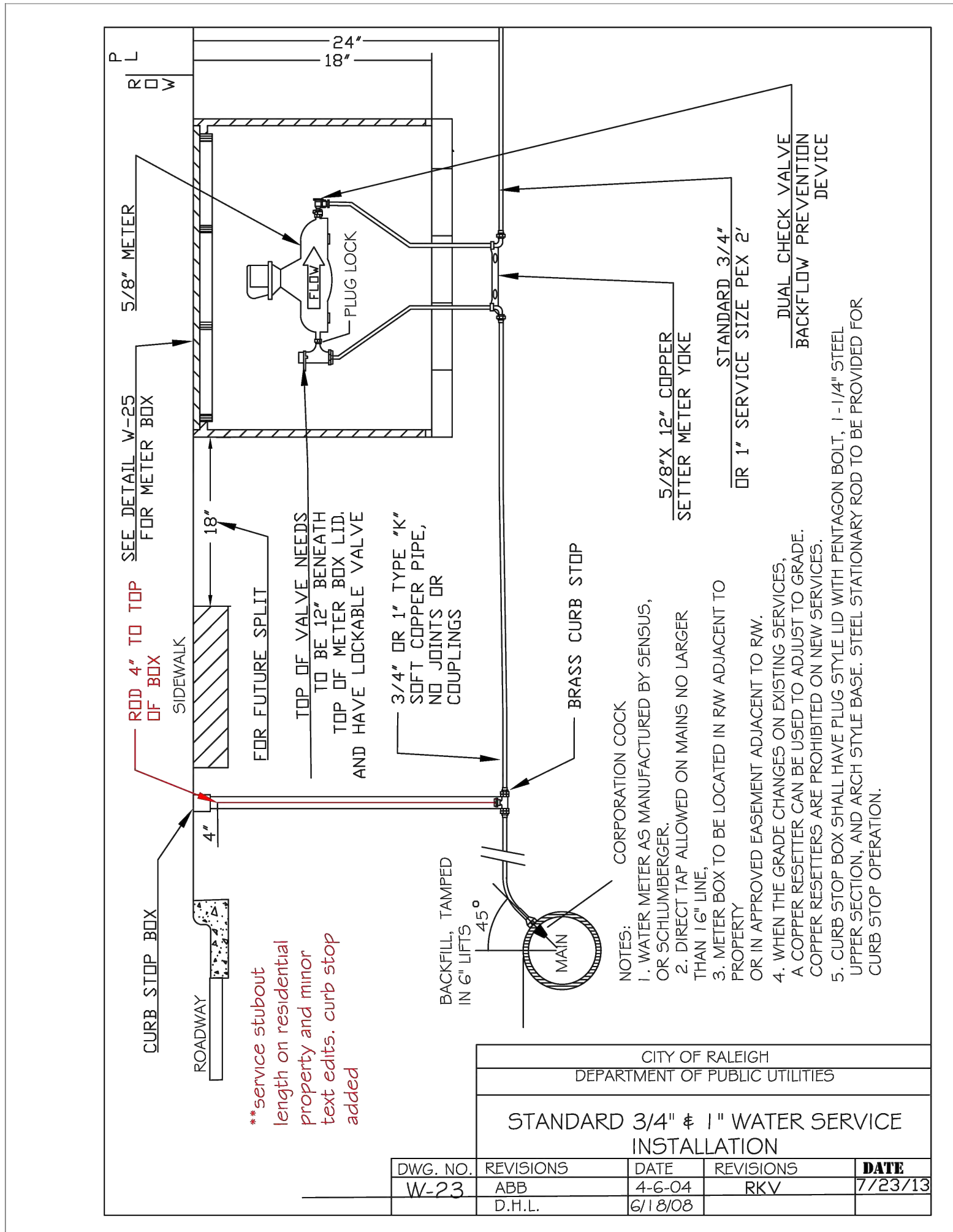
THE CITY OF RALEIGH CONSENTS TO THE CONNECTION AND EXTENSION OF THE CITY'S PUBLIC WATER SYSTEM AS SHOWN ON THIS PLAN. THE MATERIAL AND CONSTRUCTION METHODS USED FOR THIS PROJECT SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY'S PUBLIC UTILITIES HANDBOOK, CITY OF RALEIGH

PUBLIC UTILITIES DEPARTMENT PERMIT # _____

PRIVATE
SEWER COLLECTION / EXTENSION SYSTEM

THE CITY OF RALEIGH CONSENTS TO THE CONNECTION TO ITS PUBLIC SEWER SYSTEM AND EXTENSION OF THE PRIVATE SEWER COLLECTION SYSTEM AS SHOWN ON THIS PLAN, THE MATERIAL AND CONSTRUCTIONS METHODS USED FOR THIS PROJECT SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY'S PUBLIC UTILITIES HANDBOOK.

CITY OF RALEIGH
PUBLIC UTILITIES DEPARTMENT PERMIT # _____



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WATER DISTRIBUTION / EXTENSION SYSTEM

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PRIVATE

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RESERVE @ MITCHELL MILL

COMMERCIAL

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

CONSTRUCTION PLANS

WATER DETAILS

DRAWING SHEET

D-4.1