

Comments on #SDP-26-0002 - Planning & Zoning: Site Development Plan

Application Number: #SDP-26-0002
Application Type: Site Development Plan
Date: September 8, 2026
Address: 5109 Mitchell Mill, Rolesville, NC 27571



THIS DOCUMENT IS NOT AN APPROVAL.

The Town of Rolesville Technical Review Committee has reviewed your Site Development Plan Application and provided a set of comments requiring your attention. These comments must be addressed in full before approval is issued.

Reviewing this document on the GovWell, our online portal, will allow you to view interactive markups on the document. If you are viewing this as a PDF or offline, a list of all comments will be provided below in this cover sheet. These comments must be addressed before approval is granted.

After you have addressed all comments, please upload corrected versions of the plans by clicking [here](#) or by visiting <https://app.govwell.com/record/566dd923-4dfa-4fd5-a1fd-a171a186ecc9>.

Contacts

Austin Bain
City of Raleigh Engineer

(919) 996-3468
austin.bain@raleighnc.gov

Repeat Comment(s)

Elizabeth Powell
Wake County Watershed Mgmt

elizabeth.powell@wake.gov

Approved

Meredith Gruber
Senior Planner

mgruber@rolesvillenc.gov

Repeat Comment(s)

Michael Elabarger
Assistant Planning Director

melabarger@rolesvillenc.gov

Repeat Comment(s)

Michele Raby
Planner II

mraby@rolesvillenc.gov

Updates Requested

Tim Beasley
City of Raleigh - Public Utilities

timothy.beasley@raleighnc.gov

Repeat Comment(s)

Jacqueline Thompson
On-Call Civil Engineer

jacqueline.thompson@bolton-menk.com

No Comment

Stephen Wensman
Planning Director

swensman@rolesvillenc.gov

No Comment

Comments on Plan

Reviewer feedback tied to specific locations on the plan. The number on each comment corresponds to a matching number marked on the plan page. Each comment must be resolved in GovWell.

1



Tim Beasley
City of Raleigh - Public Utilities

Please see Raleigh Water comments within Energov under MRCP-0031-2025.

V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 1 • September 2, 2026, 11:30am

2



Michele Raby
Planner II

Pls add a revision table as required on checklist #3.

V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 1 • September 3, 2026, 10:58am

3



Elizabeth Powell
Wake County Watershed Mgmt

Approval from Wake County 6/9/26.

V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 1 • September 3, 2026, 11:40am

4



Michele Raby
Planner II

Please add a table with the buildings' information, including each building's square footage, height, etc., per checklist #8.

V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 1 • September 3, 2026, 11:11am

5



Michele Raby
Planner II

Repeat comment: Please add the retaining wall and open space address table to the cover sheet.

V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 1 • September 3, 2026, 12:01pm

6



Michele Raby
Planner II

Is the intention for all of the dumpsters to be screened from public view by the retaining wall and buffer? Will the enclosure sit lower than the retaining wall, creating a screen?

V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 4 • September 3, 2026, 11:28am

7



Michele Raby
Planner II

Thank you for adding general note #10.

V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 4 · September 3, 2026, 11:30am

8



Michele Raby
Planner II

Please add a note: SCM will be maintained by POA.

V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 4 · September 3, 2026, 11:30am

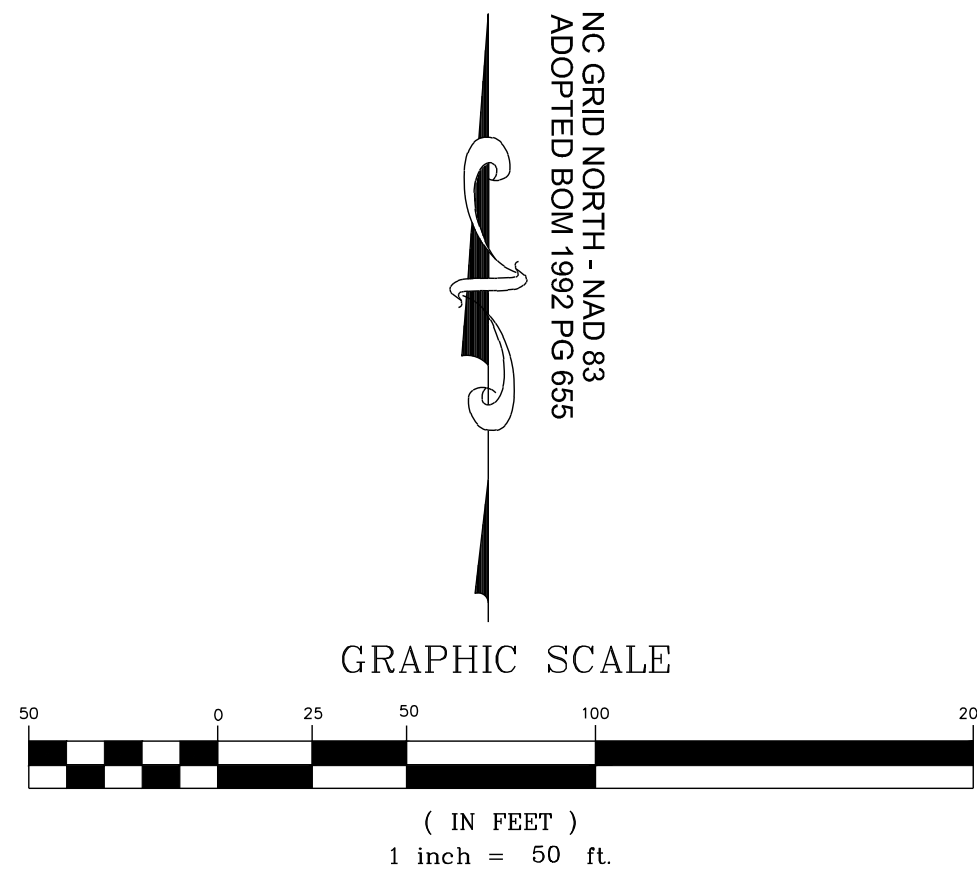
9



Michele Raby
Planner II

Thank you for adding the lighting plan sheets. Please add the sheet index to the lower-right corner for easy identification.

V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 31 · September 3, 2026, 11:50am



1 EXISTING ABANDONED TO BE REMOVED


 MASTER PLAN BOUNDARY
 EXISTING ADJOINER PROPERTY LINE
 5' CONTOUR
 1' CONTOUR
 EXISTING INTERMITTENT STREAM
 EXISTING PERENNIAL STREAM
 EXISTING BUFFER ZONE 1
 EXISTING BUFFER ZONE 2

BLASTED AND EXCAVATED ROCK MATERIAL WILL BE CRUSHED ON-SITE INTO APPROPRIATE SIZES FOR #6 STONE, #78 STONE, AND RIP-RAP. A GEOTECHNICAL ENGINEER WILL BE ON SITE TO ENSURE SUITABLE AGGREGATE PROPERTIES.



STRONGROCK
ENGINEERING GROUP

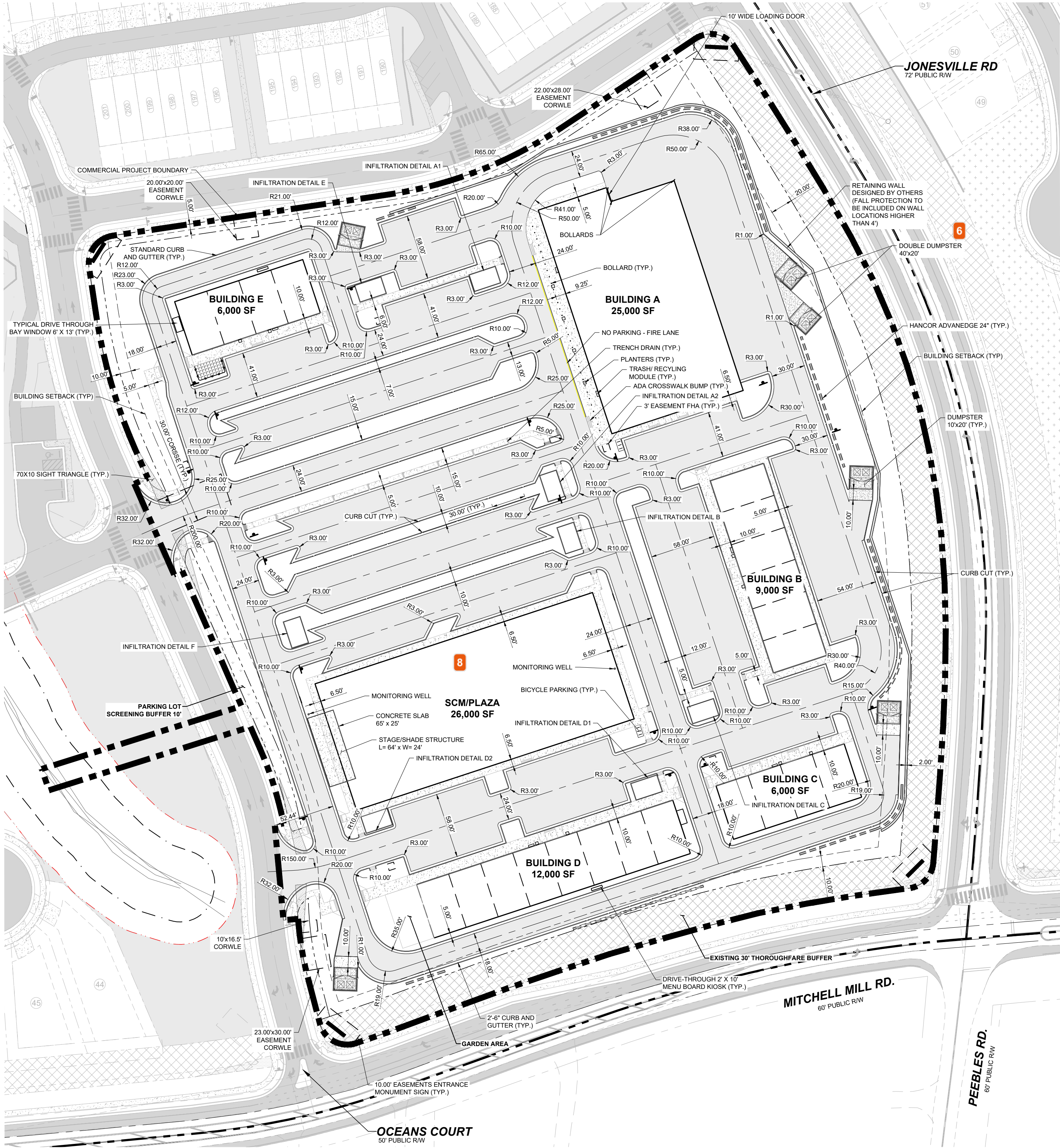
STRONG ROCK ENGINEERING GROUP, PLLC, COMPANY LICENSE # P-2168
NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM
905 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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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**MITCHELL MILL MARKET
TOWN OF ROLESVILLE WAKE COUNTY NORTH CAROLINA
SITE DEVELOPMENT PLANS
EXISTING CONDITIONS &
DEMOLITION PLAN**

DRAWING
SHEET
C-2.0

03 OF 59



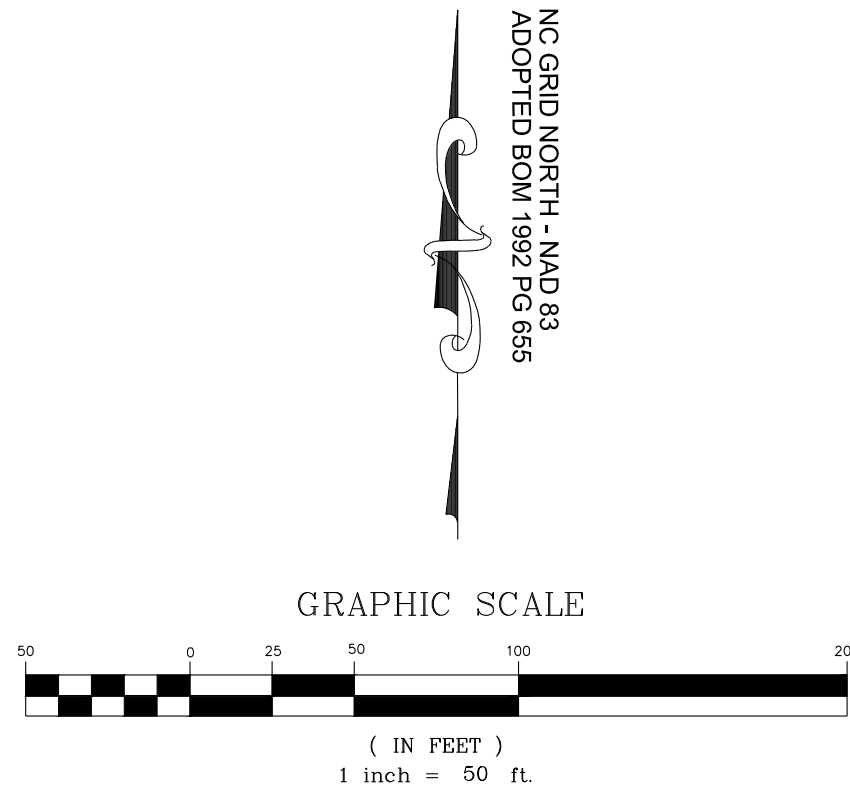
PARKING CALCULATIONS		
PARKING RATIO	1:200 SF	
BUILDINGS SQUARE FOOTAGE	A	25,000
	B	9,000
	C	6,000
	D	12,000
	E	6,000
TOTAL SQUARE FOOTAGE	58,000	
CODE MIN SPACES*	2.5/1000	
MIN REQUIRED	145	
PROPOSED SPACES	286	
	(PROPOSED INCLUDES ADA)	
ADA PARKING	Accessible Parking Spaces ADA.gov	
REQUIRED ADA SPACES	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		

GENERAL NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO TOWN OF ROLESVILLE AND CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.
- ROADS AND DRIVEWAYS SHALL COMPLY WITH NCDOT AND TOWN OF ROLESVILLE STANDARDS.
- SIGN PERMITS SHALL BE REQUIRED FOR ANY ENTRANCE SIGNAGE. PERMITS SHALL BE REQUIRED PRIOR TO FABRICATION OR INSTALLATION OF SIGNS. SIGNAGE SHALL BE RESTRICTED TO AN ON-SITE LOCATION.
- THE WATER AND SEWER SYSTEMS SHALL COMPLY WITH CITY OF RALEIGH STANDARDS.
- ALL DESIGN AND CONSTRUCTION METHODS SHALL COMPLY WITH WAKE COUNTY'S SEDIMENTATION AND EROSION CONTROL REGULATIONS. AN EROSION CONTROL PLAN SHALL BE APPROVED BY TOWN OF ROLESVILLE PRIOR TO ANY GRADING.
- CONSTRUCTION DRAWINGS SHALL BE SUBMITTED AND APPROVED BY TOWN OF ROLESVILLE AND CITY OF RALEIGH PRIOR TO CONSTRUCTION.
- RESTRICTIVE COVENANTS SHALL BE APPROVED AND RECORDED PRIOR TO RECORDING OF FINAL PLAT.
- SUBDIVISION LOTS MUST BE LOTS OF RECORD PRIOR TO RECEIVING A BUILDING PERMIT.
- ALL RETAINING WALLS SHALL BE DESIGNED BY OTHERS AND SHALL REQUIRE A WAKE COUNTY PERMIT.
- ALL DUMPSTERS SHALL REQUIRE A WAKE COUNTY PERMIT. PROVIDE AN OPAQUE ENCLOSURE AT LEAST AS HIGH AS THE HIGHEST POINT OF THE DUMPSTER OR COMPACTOR IN ACCORDANCE WITH ROLESVILLE LDO §6.2.4.6.A AND §6.2.4.4.B. REFER TO SHEET L-1.0 FOR SCREENING REQUIREMENTS AND DETAILS.

LEGEND:

	EXISTING PROPERTY LINE
	SIGN
	ROADWAY CENTER LINE
	PROPOSED PROPERTY LINE
	STANDARD CURB & GUTTER
	CONCRETE SIDEWALK
	ASPHALT PAVEMENT



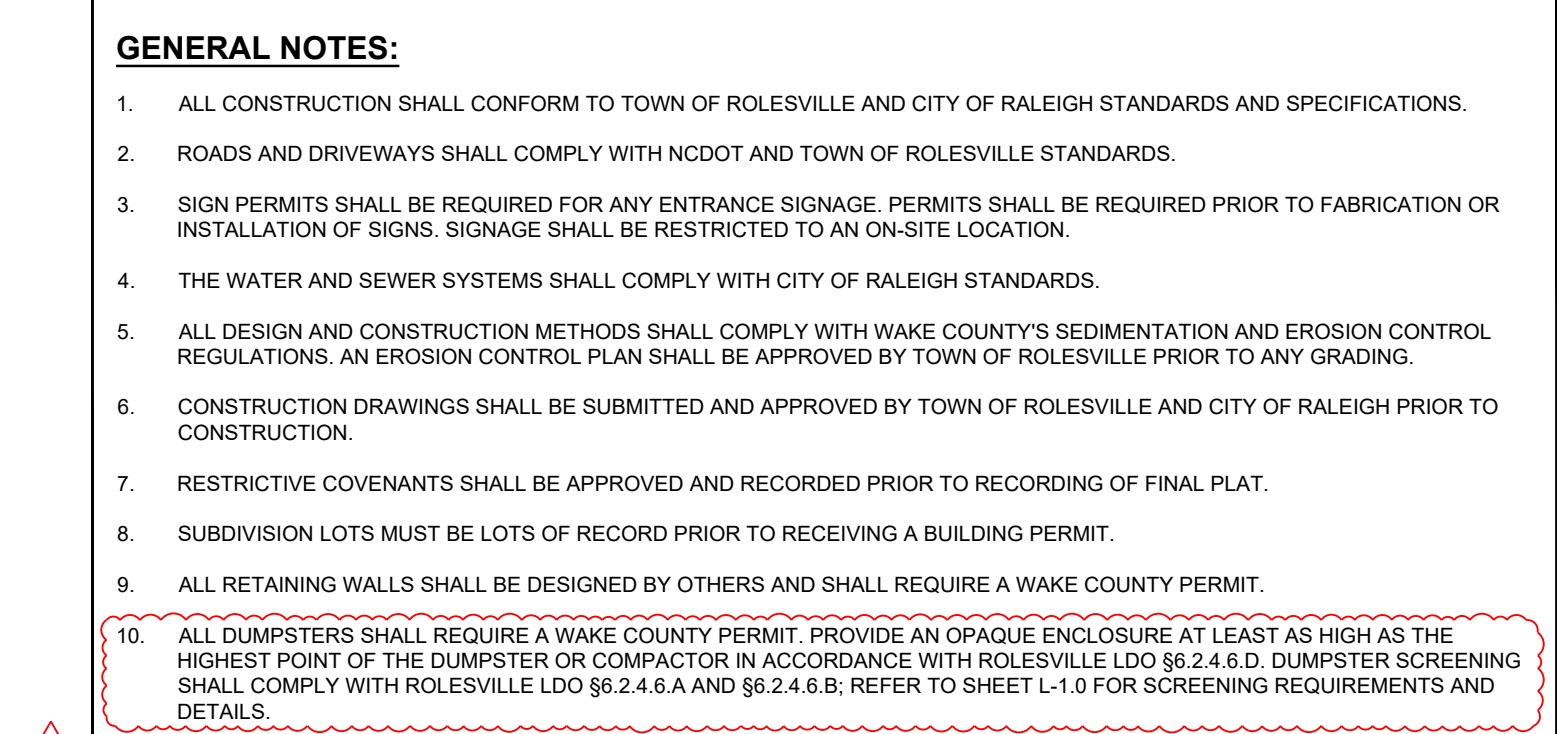
THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

STRONG ROCK PROJECT PBP-25-03 NOT FOR CONSTRUCTION SCALE AS SHOWN DESIGNED BY SRG DRAWN BY SRG CHECKED BY SRG	MITCHELL MILL MARKET TOWN OF ROLESVILLE - WAKE COUNTY, NORTH CAROLINA SITE DEVELOPMENT PLANS SITE PLAN		STRONG ROCK 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		SEAL:		
					0	08/01/2025	SRG
					1	08/01/2025	SRG
					2	CID-25-08 V2	
					3	08/01/2026	SRG
					4	SRP-26-0002_M	
					5	SRP-26-0002_V5	
					6	SRG-25	
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6 Michele Raby
Is the intention for all of the dumpsters to be screened from public view by the retaining wall and buffer? Will the enclosure sit lower than the retaining wall, creating a screen?

7 Michele Raby
Thank you for adding general note #10.

8 Michele Raby
Please add a note: SCM will be maintained by POA.



LEGEND:

EXISTING PROPERTY LINE

SIGN

ROADWAY CENTER LINE

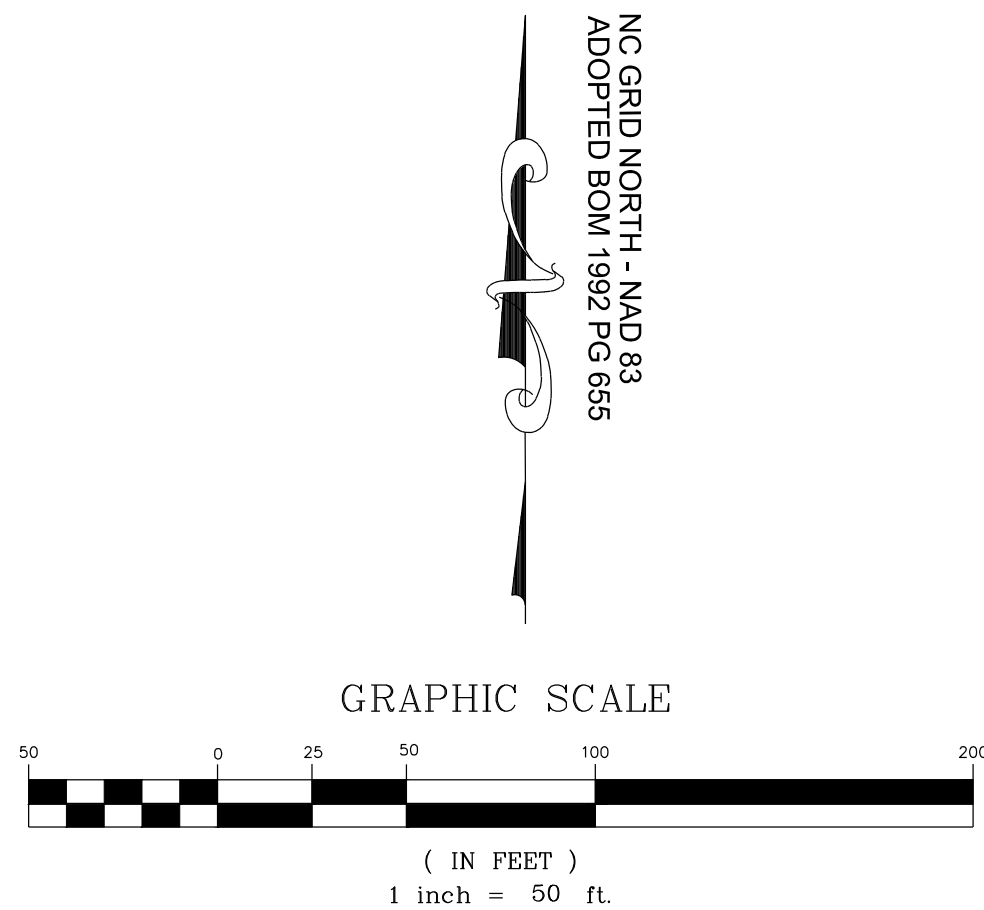
PROPOSED PROPERTY LINE

STANDARD CURB & GUTTER

CONCRETE SIDEWALK

ASPHALT PAVEMENT

4



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UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

STRONG
**ROCK**
E N G I N E E R I N G G R O U P

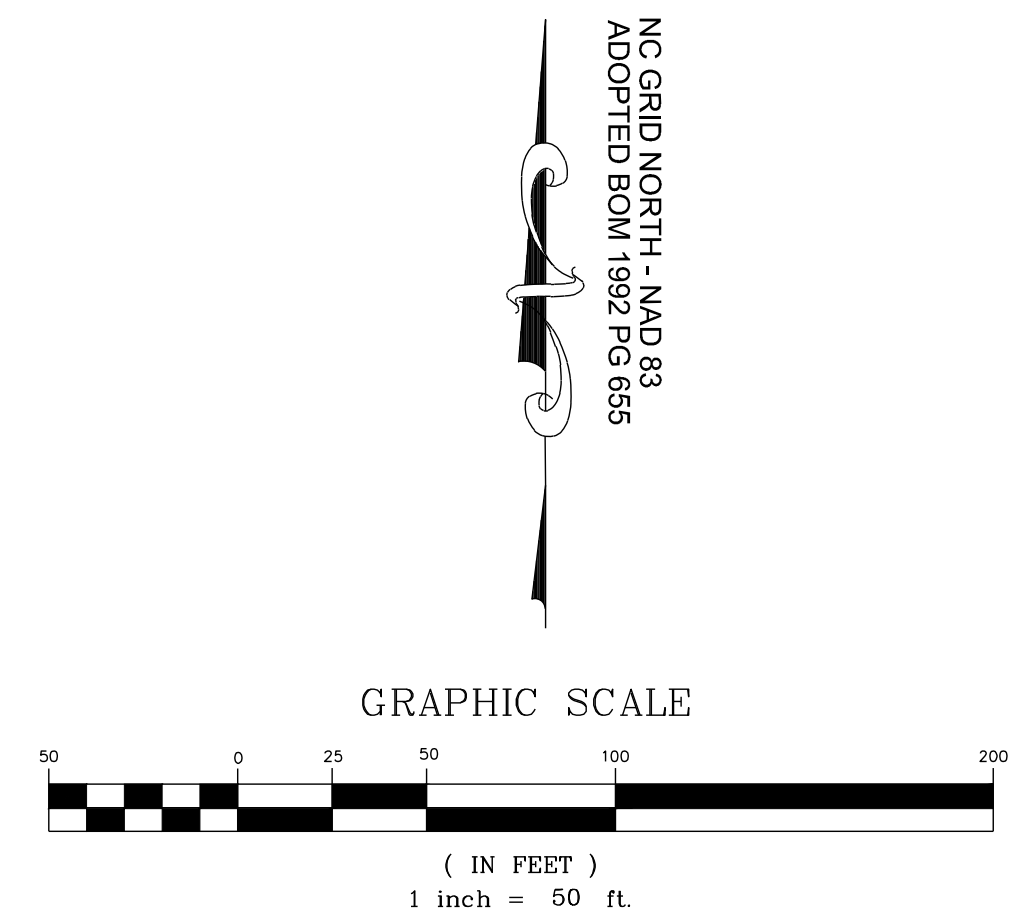
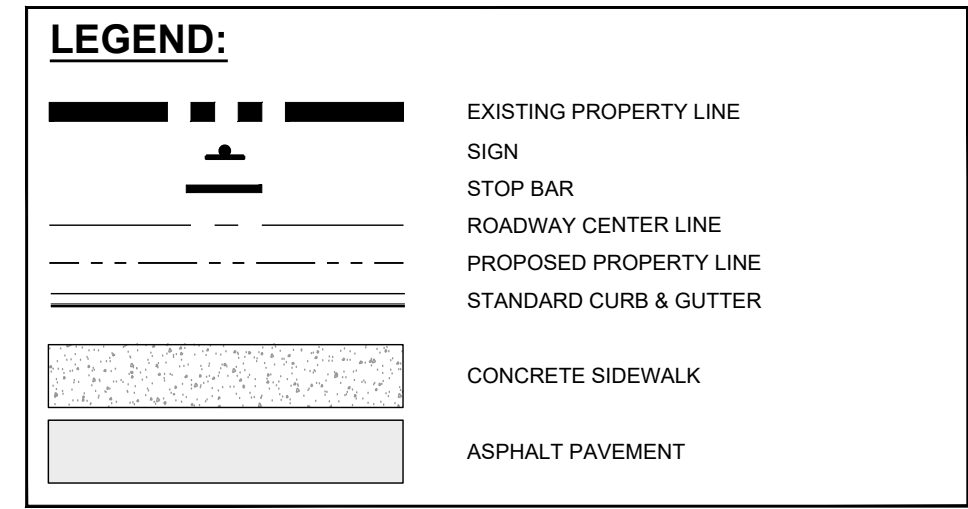
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3005 CHURCH AT NORTH HILLS STREET, SUITE 1110 SALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
BLOCK ADDRESS

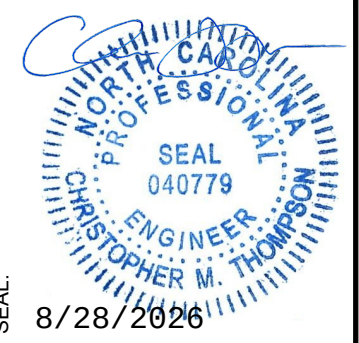
DRAWING
SHEET

C-3.1

05 OF 59



No.	REVISIONS	DATE	BY
1	QD-25-00 V2	10/01/2020	SREG
2	CID-25-06 V3	03/02/2020	SREG
3	SDP-25-0002 V4	05/01/2020	SREG
4	SDP-25-0002 V5	08/28/2020	SREG



STRONG
**ROCK**
E N G I N E E R I N G G R O U P
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
3035 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

PSP-23-03	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

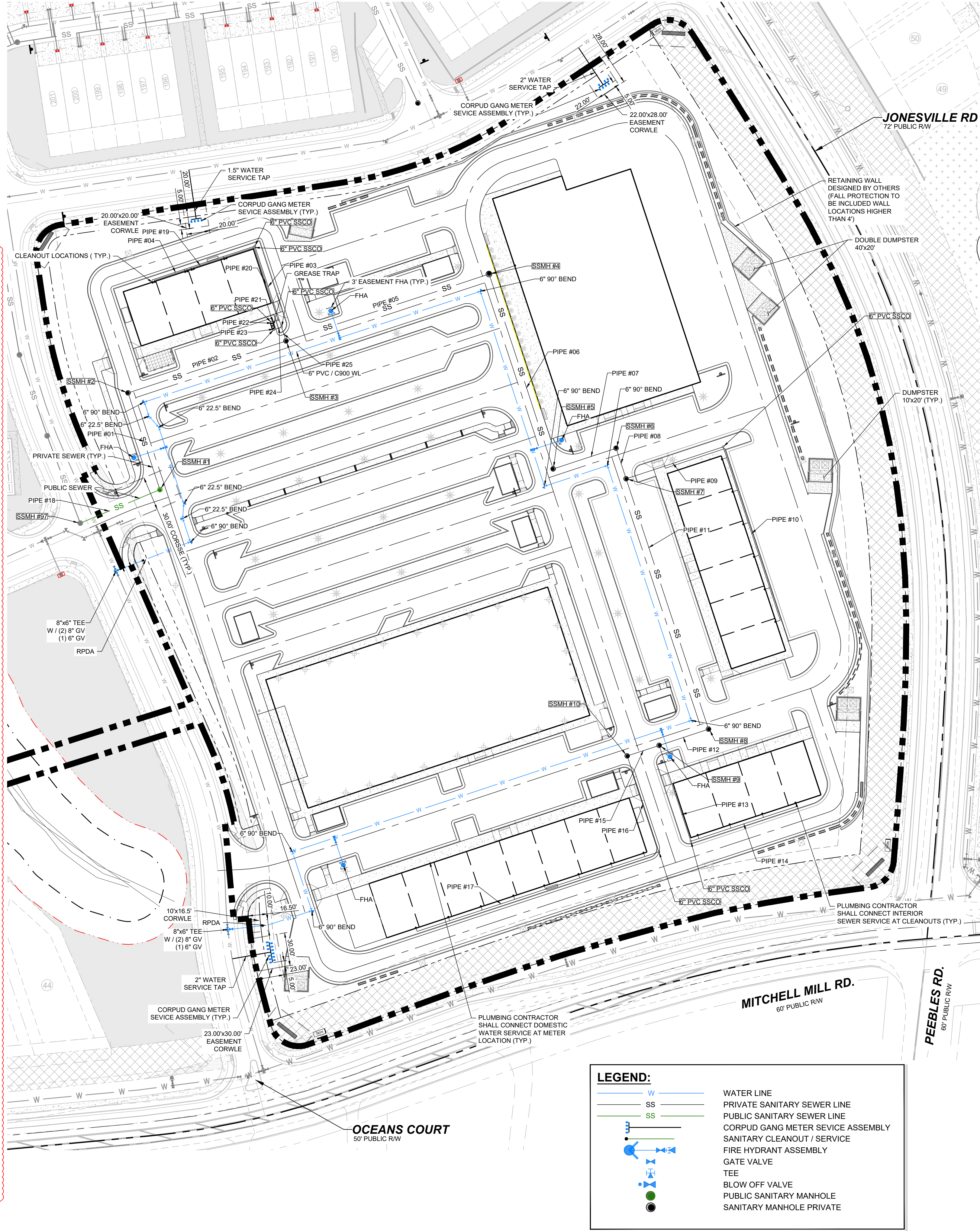
MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
SIGNAGE AND STRIPING PLAN

DRAWING
SHEET
C-4.0

06 OF 59

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #1	4"	278.94	272.08 N	271.88 SW	7.06
SSMH #2	4"	281.98	273.89 E	273.69 S	8.29
SSMH #3	4"	283.12	274.82 E	274.62 W	8.50
SSMH #4	5"	288.87	275.96 S	275.76 W	13.11
SSMH #5	4"	288.35	277.05 E	276.85 N	11.49
SSMH #6	4"	288.49	277.54 S	277.34 W	11.15
SSMH #7	4"	287.88	277.89 S	277.69 N	10.20
SSMH #8	4"	287.43	279.24 W	279.04 N	8.39
SSMH #9	4"	286.92	279.67 W	279.47 E	7.45
SSMH #10	4"	285.91	280.02 S	279.82 E	6.09

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	273.69	272.08	1.81%
PIPE #02 BEGIN: SSMH #3 END: SSMH #2	PVC - SDR 26	8"	146	274.62	273.89	0.50%
PIPE #03 BEGIN: SSCO #04 END: SSCO #09	PVC - SDR 26	8"	75	275.86	275.49	0.50%
PIPE #04 BEGIN: END: SSCO #04	PVC - SDR 26	8"	95	276.53	276.06	0.50%
PIPE #05 BEGIN: SSMH #4 END: SSMH #3	PVC - SDR 26	8"	187	275.76	274.82	0.50%
PIPE #06 BEGIN: SSMH #5 END: SSMH #4	PVC - SDR 26	8"	180	276.85	275.96	0.50%
PIPE #07 BEGIN: SSMH #6 END: SSMH #5	PVC - SDR 26	8"	58	277.34	277.05	0.50%
PIPE #08 BEGIN: SSMH #7 END: SSMH #6	PVC - SDR 26	8"	28	277.69	277.54	0.50%
PIPE #09 BEGIN: SSCO #03 END: SSMH #7	PVC - SDR 26	8"	89	278.34	277.89	0.50%
PIPE #10 BEGIN: END: SSCO #03	PVC - SDR 26	8"	160	279.34	278.54	0.50%
PIPE #11 BEGIN: SSMH #8 END: SSMH #7	PVC - SDR 26	8"	231	279.04	277.89	0.50%
PIPE #12 BEGIN: SSMH #9 END: SSMH #8	PVC - SDR 26	8"	45	279.47	279.24	0.50%
PIPE #13 BEGIN: SSCO #02 END: SSMH #9	PVC - SDR 26	8"	89	280.11	279.67	0.50%
PIPE #14 BEGIN: END: SSCO #02	PVC - SDR 26	8"	98	280.80	280.31	0.50%
PIPE #15 BEGIN: SSMH #10 END: SSMH #9	PVC - SDR 26	8"	30	279.82	279.67	0.50%
PIPE #16 BEGIN: SSCO #01 END: SSMH #10	PVC - SDR 26	8"	88	280.46	280.02	0.50%
PIPE #17 BEGIN: END: SSCO #01	PVC - SDR 26	8"	223	281.78	280.66	0.50%
PIPE #18 BEGIN: SSMH #1 END:	PVC - SDR 26	8"	76	271.88	271.50	0.50%
PIPE #19 BEGIN: END: SSCO #05	PVC - SDR 26	8"	92	276.88	276.42	0.50%
PIPE #20 BEGIN: SSCO #05 END: SSCO #06	PVC - SDR 26	8"	67	276.22	275.89	0.50%
PIPE #21 BEGIN: SSMH #06 END: SSCO #07	PVC Pipe	8"	6	275.69	275.66	0.50%
PIPE #22 BEGIN: SSCO #07 END:	PVC - SDR 26	8"	1	277.47	277.46	0.50%
PIPE #23 BEGIN: END: SSCO #08	PVC - SDR 26	8"	1	277.54	277.52	2.09%
PIPE #24 BEGIN: SSCO #08 END: SSCO #09	PVC - SDR 26	8"	7	275.53	275.49	0.50%
PIPE #25 BEGIN: SSCO #09 END: SSMH #3	PVC - SDR 26	8"	13	275.29	275.23	0.50%



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 10' 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 2' FROM A PRIVATE WELL OR 5' 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 ENCASUREMENT 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-49).
 - 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 TRAVELING 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 NCDWR, USACE &/OR FEMA FOR ANY RIPARIAN BUFFER, WETLAND &/OR FLOODPLAIN IMPACTS (RESPECTIVELY) PRIOR TO CONSTRUCTION.
- NCDDOT / 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 APPROVED BY THE RW FOG PROGRAM COORDINATOR PRIOR TO ISSUANCE OF A UC 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 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 # _____

ATTENTION CONTRACTORS

THE CONTRACTOR RESPONSIBLE FOR THE EXTENSION OF WATER, SEWER, AND/OR REUSE, AS APPROVED IN THESE PLANS, IS RESPONSIBLE FOR CONTRACTING 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 DOWNSTEAM 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.

STRONG ROCK
ENGINEERING GROUP
3055 CHURCH AT NORTH HILLS STREET, SUITE 110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
UTILITY PLAN

DRAWING
SHEET
C-5.0

07 OF 59

CD SUBMITTAL #1

08/07/2025
10/07/2025
03/02/2026
05/01/2026
08/28/2026

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CD-26-0002 V2
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SDP-26-0002 V5

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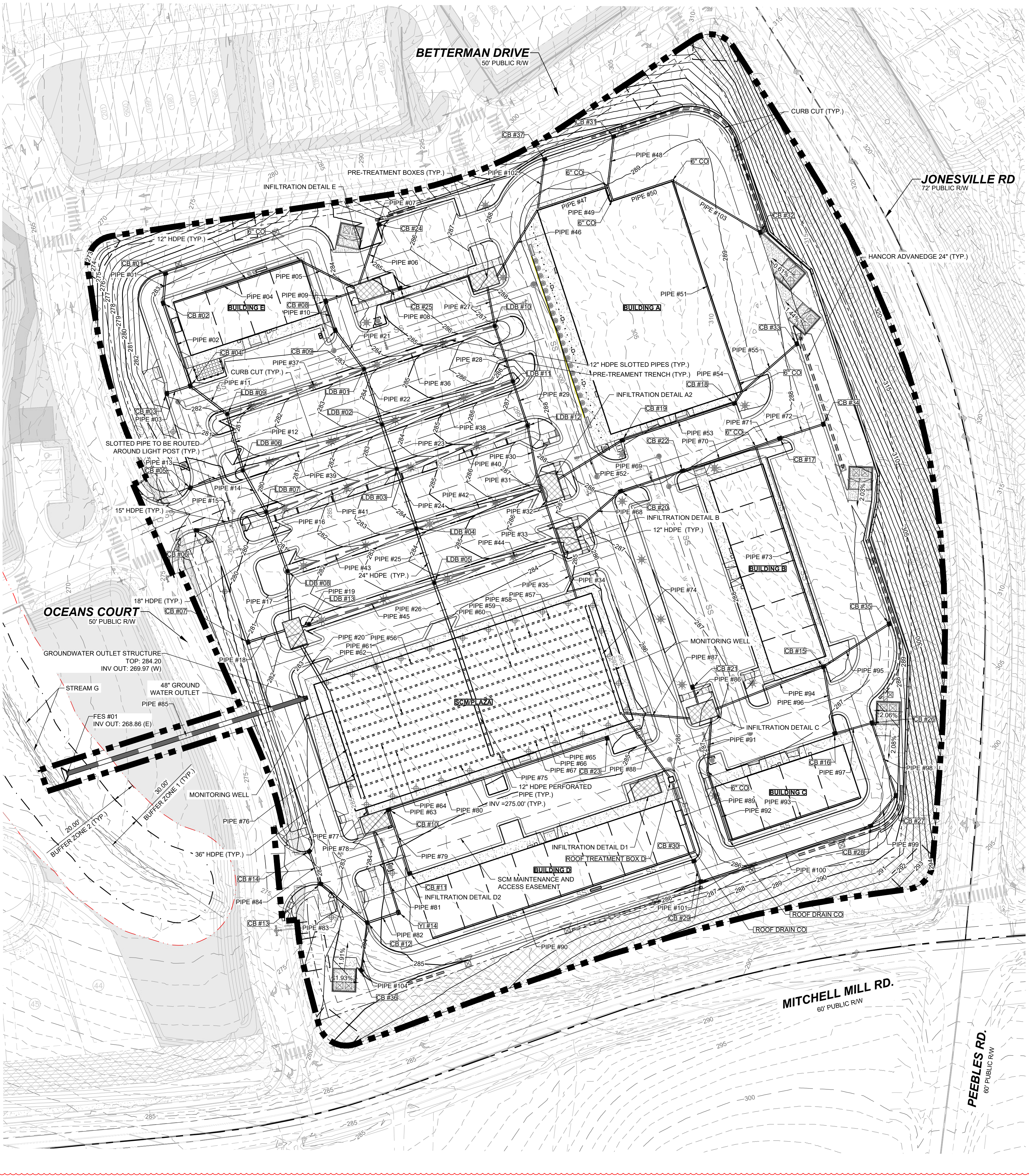
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BY

REVISIONS

No.

4



LEGEND:	
	EXISTING PROPERTY LINE
	EX. MAJOR CONTOURS
	EX. MINOR CONTOURS
	PROP. MAJOR CONTOURS
	PROP. MINOR CONTOURS
	PROPOSED HDPE SOLID PIPE
	PROPOSED HDPE PERFORATED PIPE
	PROPOSED HDPE SLOTTED PIPE
	PROPOSED RCP STORM OUTLET PIPE
	PRE-TREATMENT BOXES

CONSTRUCTION NOTES:

1. SOIL MATERIAL SHALL BE PLACED IN THE INFILTRATION SYSTEM USING TRACK EQUIPMENT ONLY. THE SOIL TESTING IS BASED UPON COMPACTION NOT EXCEEDING 95%.
2. RUNOFF SHALL NOT BE DIVERTED INTO THE INFILTRATION SYSTEM UNTIL IT HAS BEEN CONSTRUCTED. PIPES WILL DIVERT THE RUNOFF INTO THE RIP RAP UNDER THE INFILTRATION SYSTEM AND DRAIN INTO THE GROUNDWATER UNTIL THE LOWER PORTION OF THE INFILTRATION SYSTEM HAS BEEN COMPLETED.
3. THE INFILTRATION SYSTEM SHALL NOT BE COVERED BY ANY TYPE OF IMPERMEABLE OR PARTIALLY IMPERMEABLE SURFACE.

MAINTENANCE OF INFILTRATION SYSTEM:

1. MAINTENANCE ACCESS SHALL BE PROVIDED BY A 10-FOOT WIDE DRIVE ALONG THE NORTHERN AND SOUTHERN SIDES OF THE INFILTRATION SYSTEM, AND EXTENDING TO THE PUBLIC STREET ON THE WEST SIDE OF THE INFILTRATION SYSTEM. PUBLIC AGENCY ACCESS WILL BE ALLOWED ACROSS THE ENTIRE COMMERCIAL SITE TO PROVIDE INSPECTION OF THE PRETREATMENT SYSTEMS AND THE INFILTRATION SYSTEM. THE PRIVATE DEVELOPMENT SHALL OWN THE PROPERTY, BUT ACCESS SHALL BE GRANTED TO THE WAKE COUNTY STORMWATER PROGRAM. THE OPERATION AND MAINTENANCE AGREEMENT SHALL BE RECORDED.
2. INSPECTION SCHEDULE: THE INFILTRATION SYSTEM SHALL BE INSPECTED QUARTERLY AND WITHIN 24 HOURS AFTER EVERY STORM EVENT GREATER THAN 1.0-INCHES. RECORDS OF OPERATION AND MAINTENANCE SHALL BE KEPT IN A KNOWN LOCATION AND SHALL BE AVAILABLE UPON REQUEST.

- ALL SEDIMENT, TRASH, AND DEBRIS SHALL BE REMOVED.
- THE GRASS SHALL BE MOWED ON A WEEKLY BASIS TO MAINTAIN A HEIGHT OF 2-INCHES.
- CORRECT ANY DAMAGES TO THE INFILTRATION SYSTEM.
- WATER SHOULD NOT POND ON THE SURFACE AND IF SO, CORRECTIVE ACTION SHALL BE TAKEN.
- CHECK THE WATER DEPTH IN THE OBSERVATION WELL.

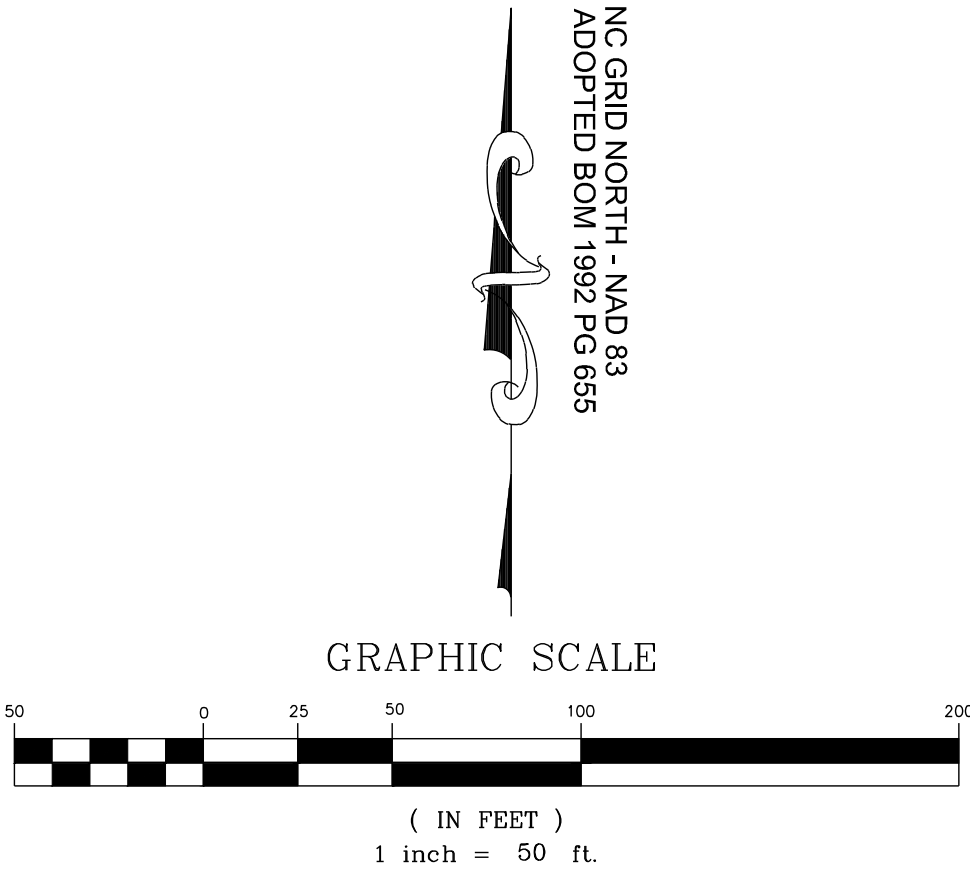
MAINTENANCE OF PRE-TREATMENT SYSTEM:

1. INSPECTION SCHEDULE: THE PRETREATMENT SYSTEMS SHALL BE INSPECTED QUARTERLY AND WITHIN 24 HOURS AFTER EVERY STORM EVENT GREATER THAN 1.0-INCHES. RECORDS OF OPERATION AND MAINTENANCE SHALL BE KEPT IN A KNOWN LOCATION AND SHALL BE AVAILABLE UPON REQUEST.

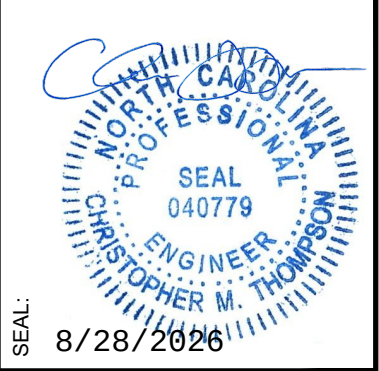
- CLEAN OUT SEDIMENT, TRASH, AND DEBRIS FROM THE STORMWATER PRETREATMENT BOXES (PTB'S).
- CHECK THE STORMWATER PRETREATMENT SYSTEM IN THE PARKING LOTS AND REMOVE ANY SEDIMENT, TRASH, AND DEBRIS.
- CLEAN UP ANY SEDIMENT ACCUMULATED AT THE INLETS TO THE STORMWATER PRETREATMENT SYSTEM IN THE PARKING LOTS.

STORMWATER DESIGN BY OTHERS:

STORMWATER MANAGEMENT SYSTEM DESIGN, INCLUDING BUT NOT LIMITED TO DRAINAGE AREA DELINEATIONS, HYDROLOGIC AND HYDRAULIC CALCULATIONS, STORM DRAINAGE SYSTEM SIZING, AND INFILTRATION SYSTEM DESIGN, WAS PREPARED BY THE STORMWATER CONSULTANT DESIGNER IDENTIFIED HEREIN UNDER SEPARATE SIGNED AND SEALED ENGINEERING AND/OR TECHNICAL DOCUMENTATION. STRONG ROCK ENGINEERING PLLC HAS INCORPORATED AND DETAILED THE STORMWATER DESIGN INFORMATION WITHIN THIS PLAN SET FOR COORDINATION PURPOSES ONLY AND IS NOT RESPONSIBLE FOR THE UNDERLYING STORMWATER DESIGN CALCULATIONS, ANALYSES, OR PERFORMANCE CRITERIA PREPARED BY OTHERS.



CD SUBMITTAL #1	SPR	DATE	BY
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STRONG ROCK
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

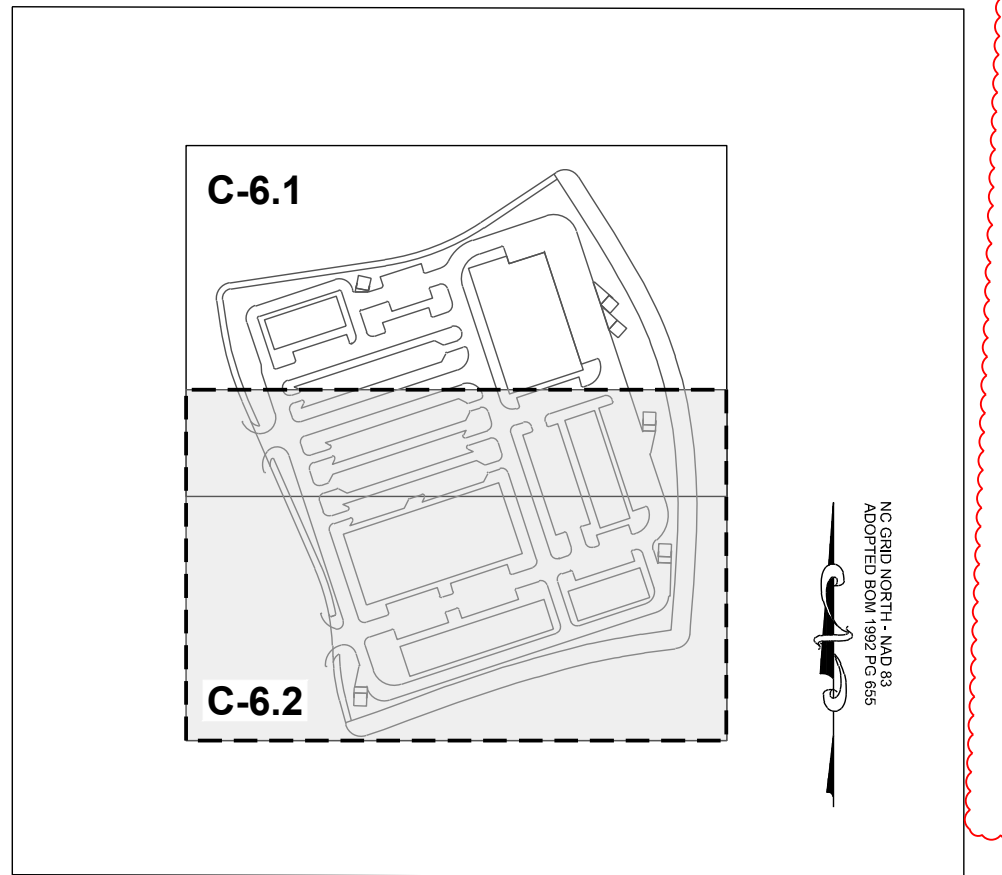
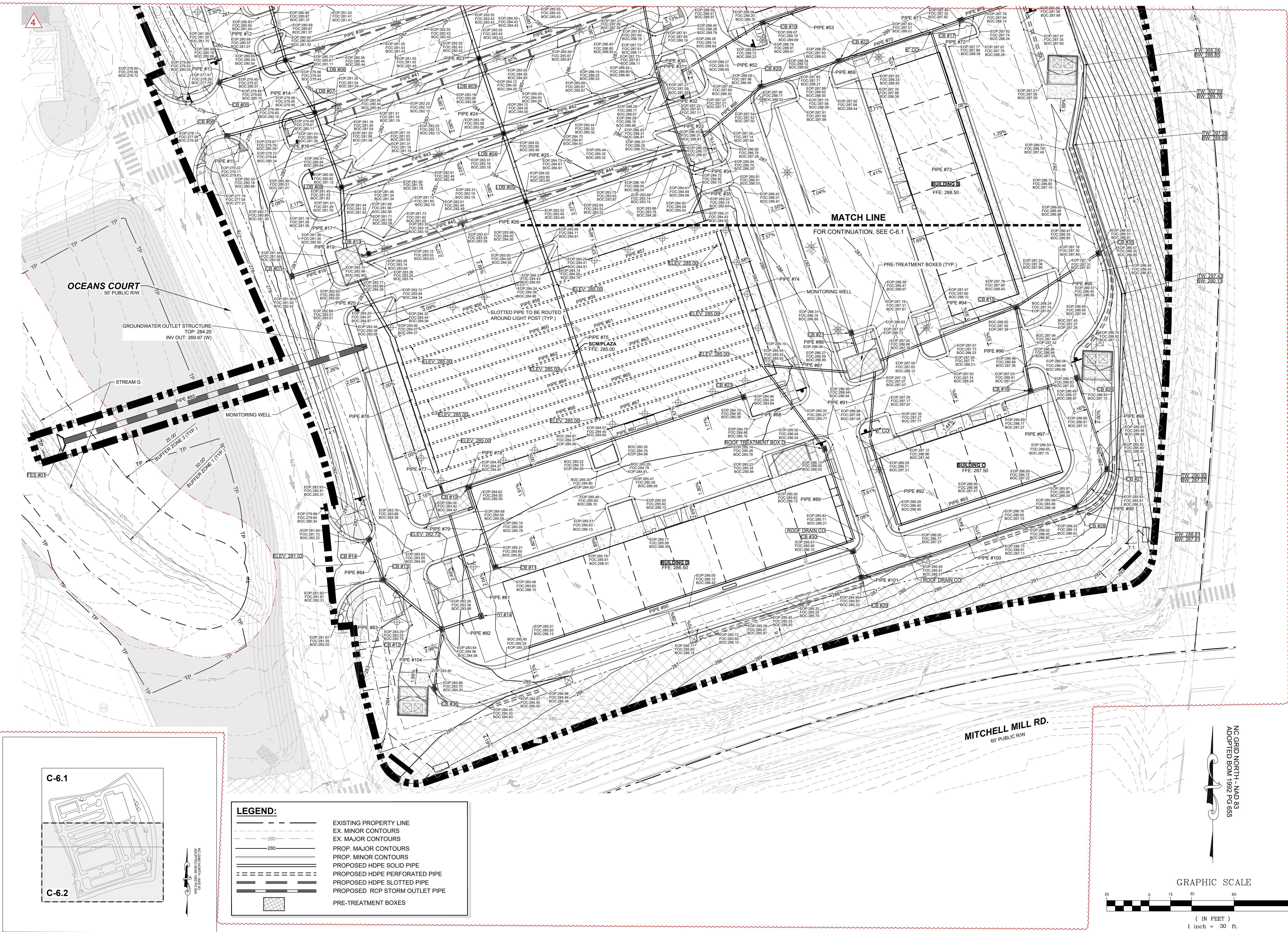
STRONG ROCK PROJECT	SRG
NOT FOR CONSTRUCTION	SRG
SCALE AS SHOWN	SRG
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
OVERALL GRADING & DRAINAGE PLAN

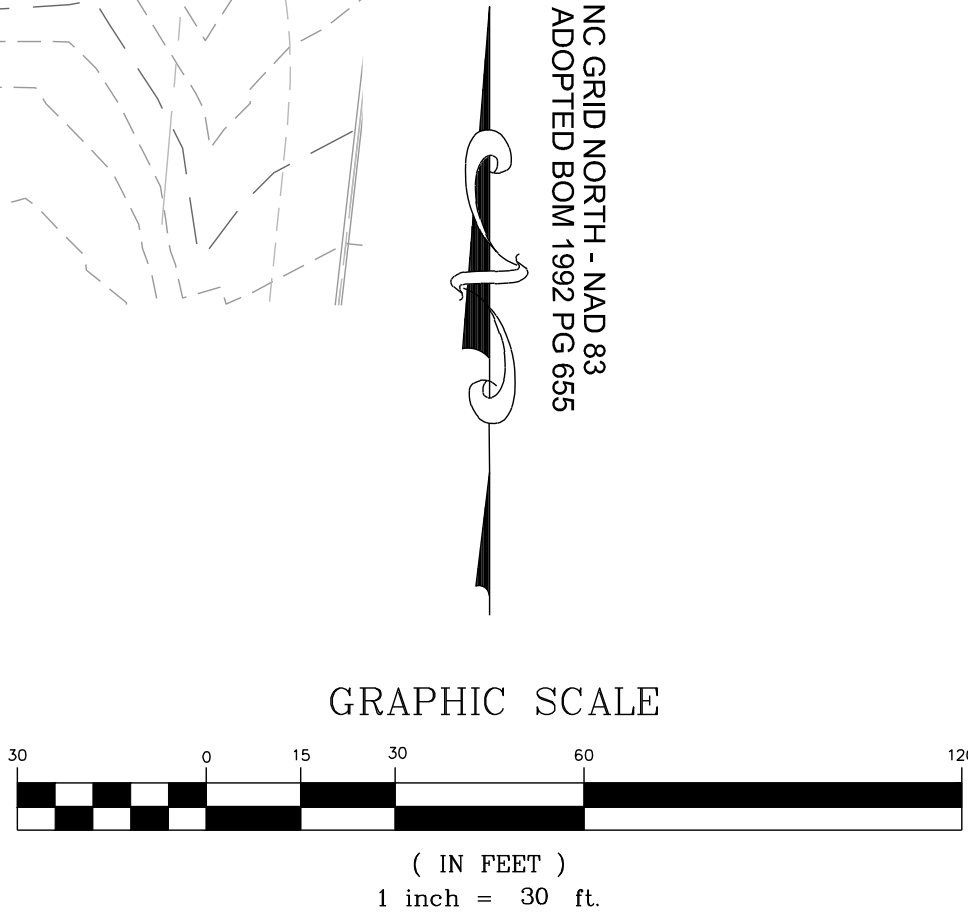
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08 OF 59

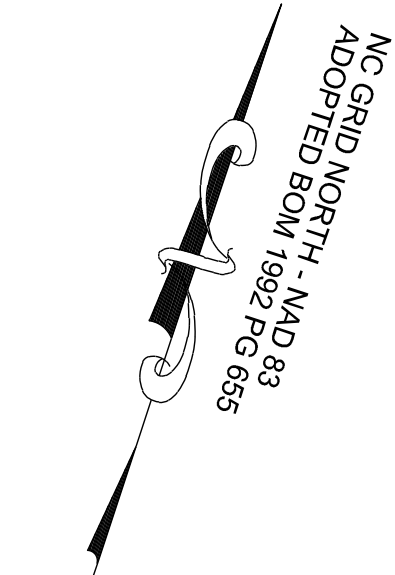




LEGEND:	
	EXISTING PROPERTY LINE
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	EX. MAJOR CONTOURS
	PROP. MAJOR CONTOURS
	PROP. MINOR CONTOURS
	PROPOSED HDPE SOLID PIPE
	PROPOSED HDPE PERFORATED PIPE
	PROPOSED HDPE SLOTTED PIPE
	PROPOSED RCP STORM OUTLET PIPE
	PRE-TREATMENT BOXES

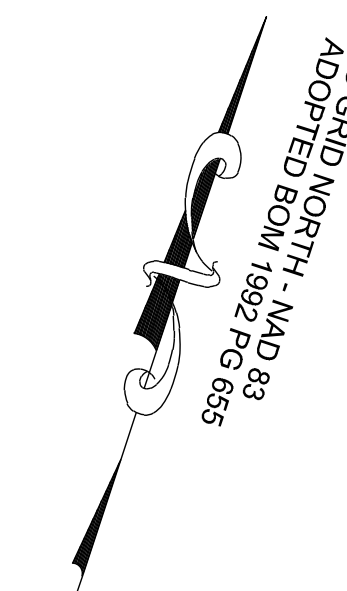


STRONGROCK ENGINEERING GROUP		3005 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 INFORMATION@STRONGROCKGROUP.COM	
MITCHELL MILL MARKET TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA SITE DEVELOPMENT PLANS PARTIAL GRADING & DRAINAGE PLAN		DRAWING SHEET C-6.2	
10 OF 59		BY	
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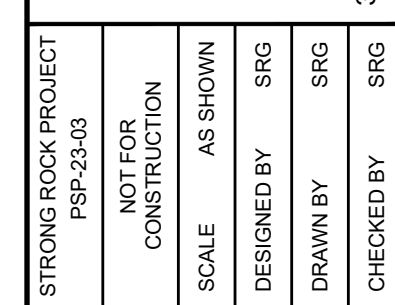
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(IN FEET)
1 inch = 5 ft



(IN FEET)
1 inch = 5 ft

SEAL: 8/28/2026



C-6.4

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CD SUBMITTAL #1

08/01/2025

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CD-26-06-V2

10/07/2025

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03/02/2026

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05/01/2026

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SDP-26-0002 V5

08/28/2026

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No.

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DATE

BY

SEAL

8/28/2026

STRONG ROCK ENGINEERING GROUP, PLLC

040779

SEAL

040779

ENGINEER

FORMER M. THOMPSON

STRONG ROCK PROJECT

FSR-23-03

NOT FOR CONSTRUCTION

SCALE AS SHOWN

DESIGNED BY SRG

DRAWN BY SRG

CHECKED BY SRG

MITCHELL MILL MARKET

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

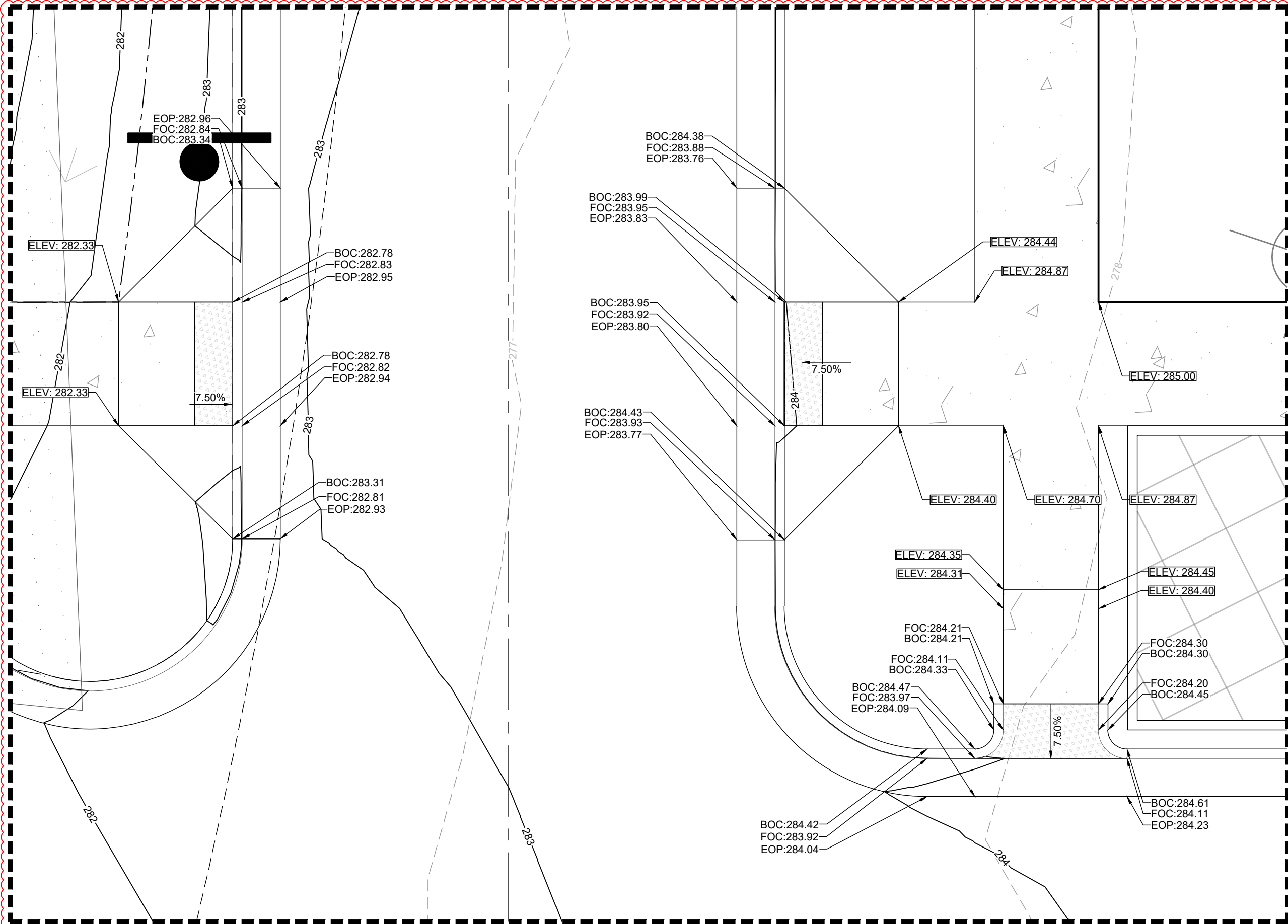
SITE DEVELOPMENT PLANS

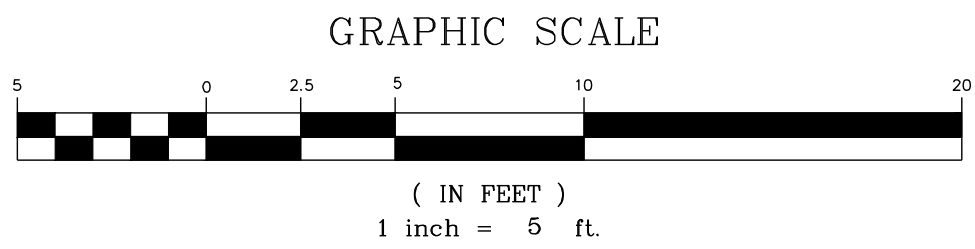
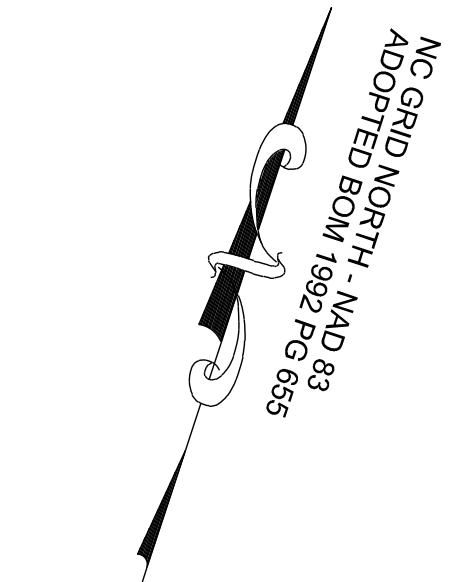
ADA RAMP GRADING PLAN

DRAWING SHEET

C-6.5

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STRONG  **ENGINEERING GROUP**

STRONG ROCK ENGINEERING GROUP, P.L.L.C. | COMPANY LICENSE # P-2168
3035 CHURCH AT NORTH HILLS STREET, SUITE 110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

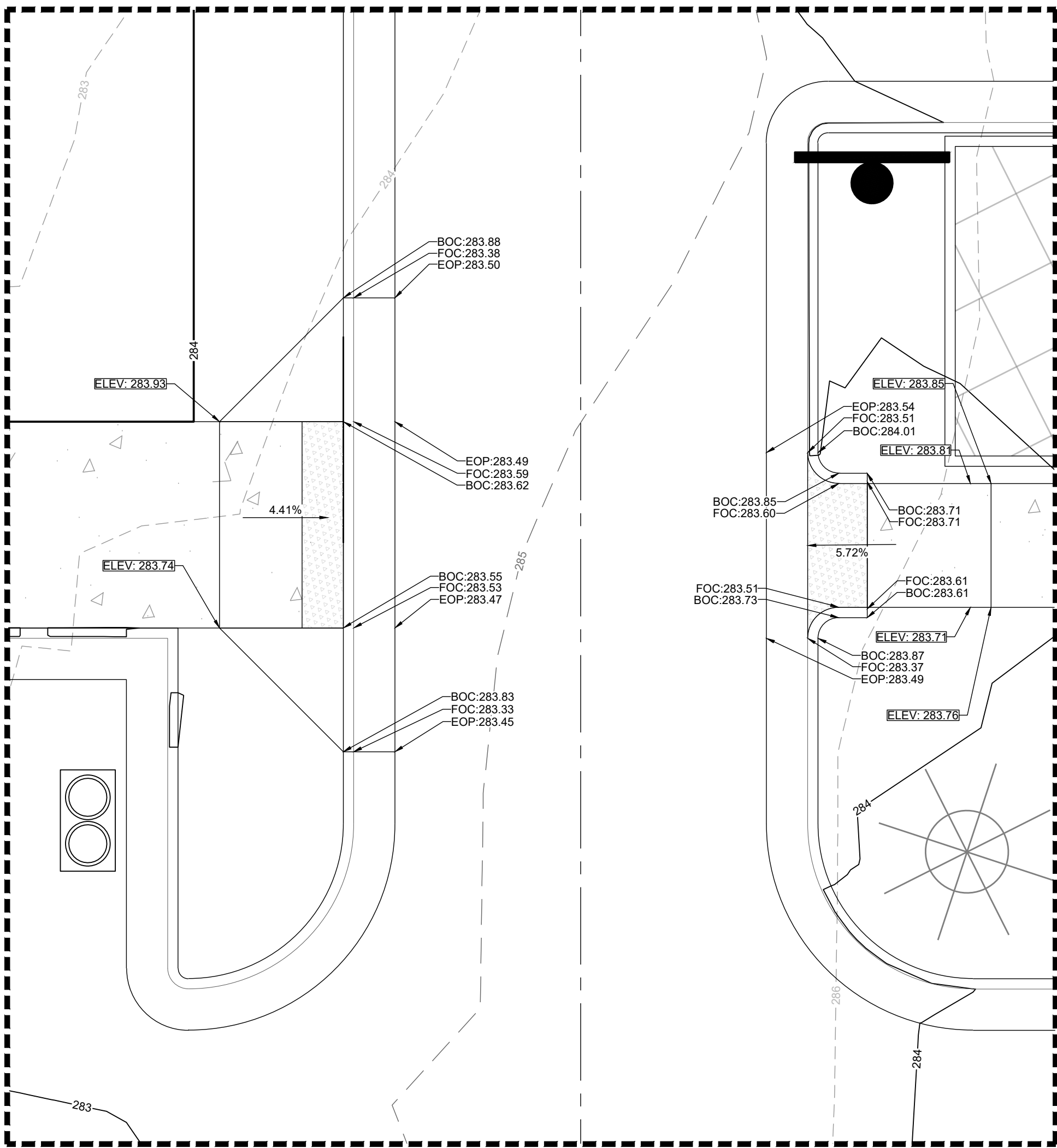
STRONG ROCK PROJECT PSP-23-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY SRG	DRAWN BY SRG	CHECKED BY SRG
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MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
ADA RAMP GRADING PLAN

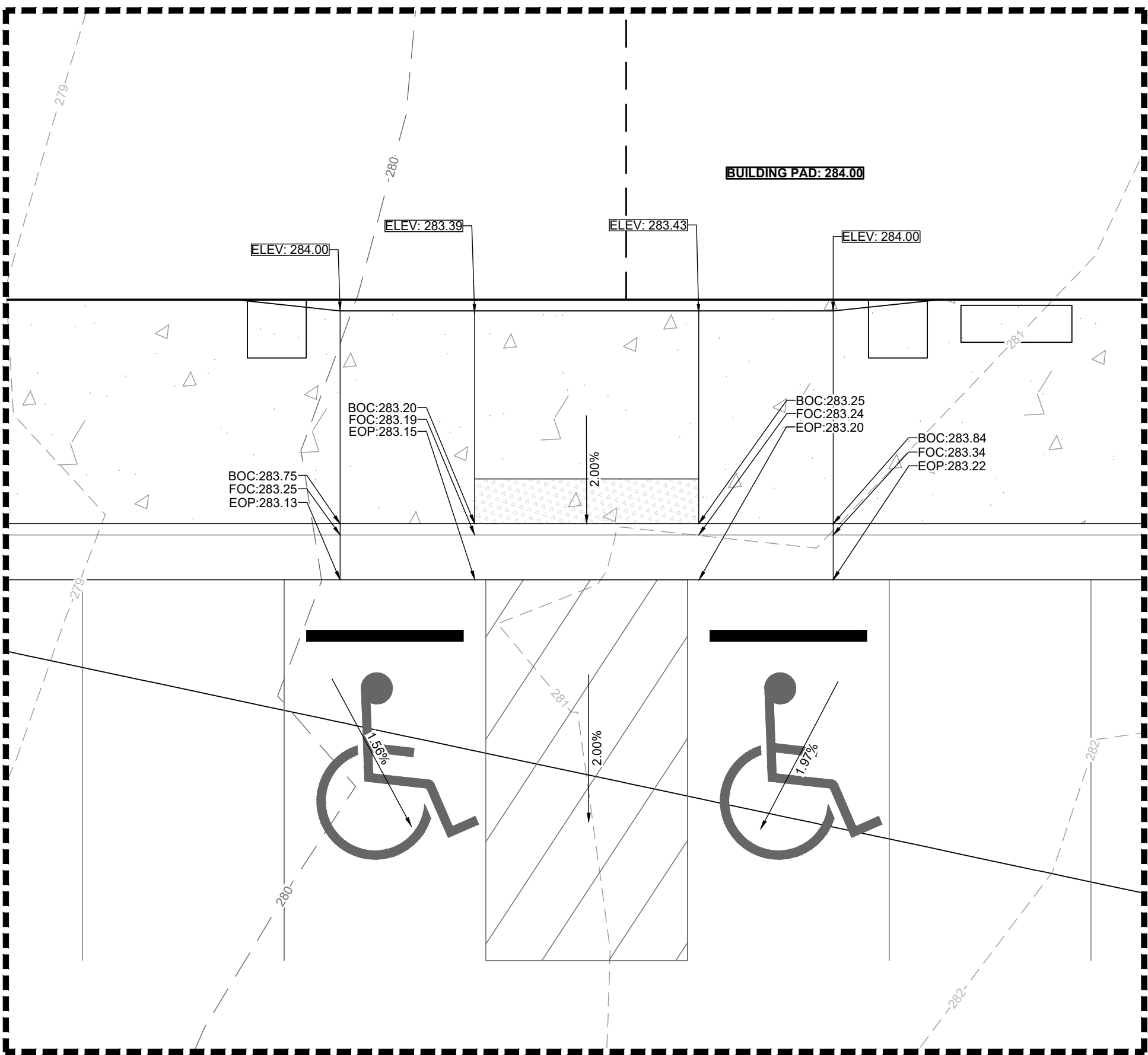
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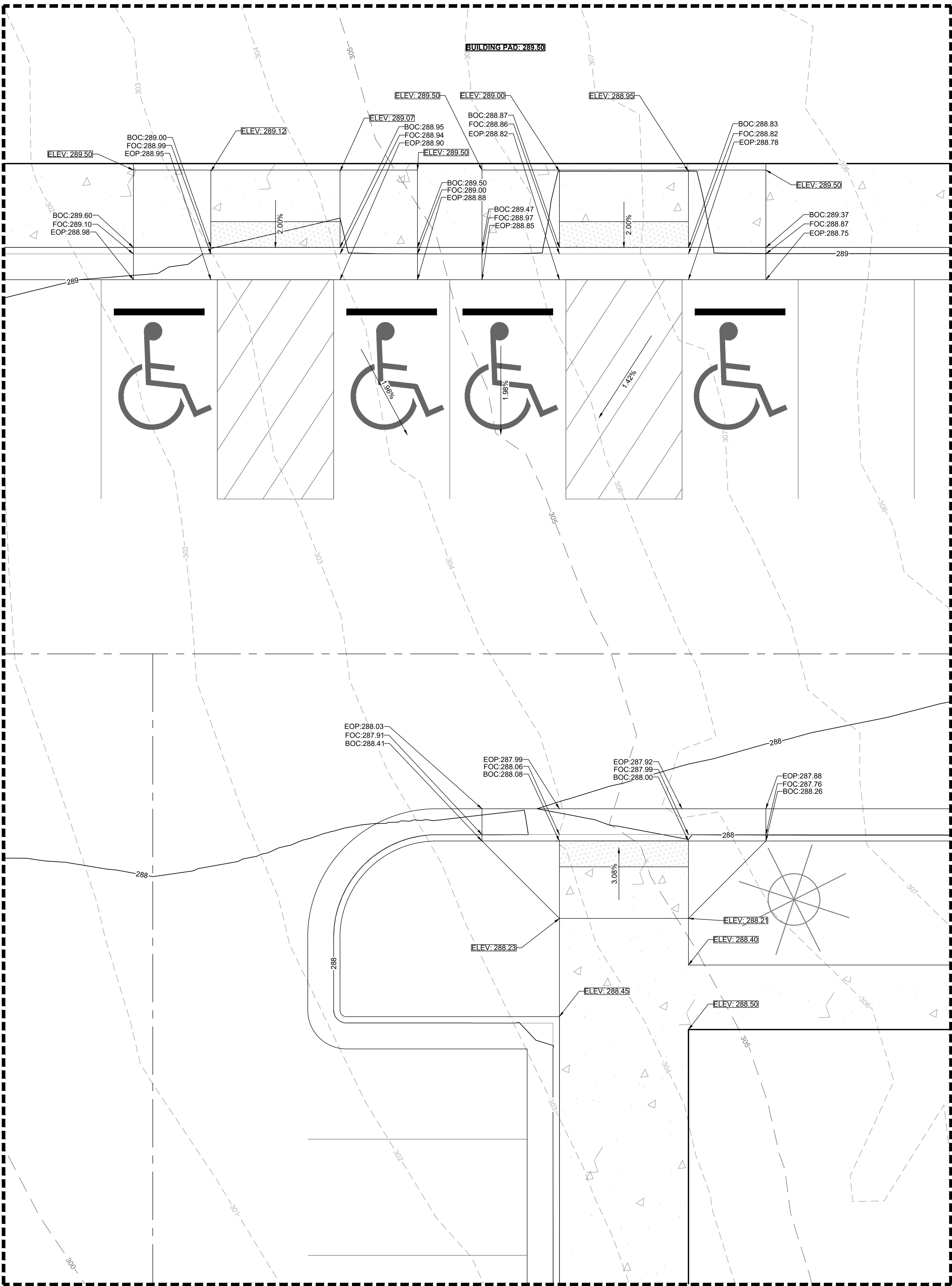
14 OF 59



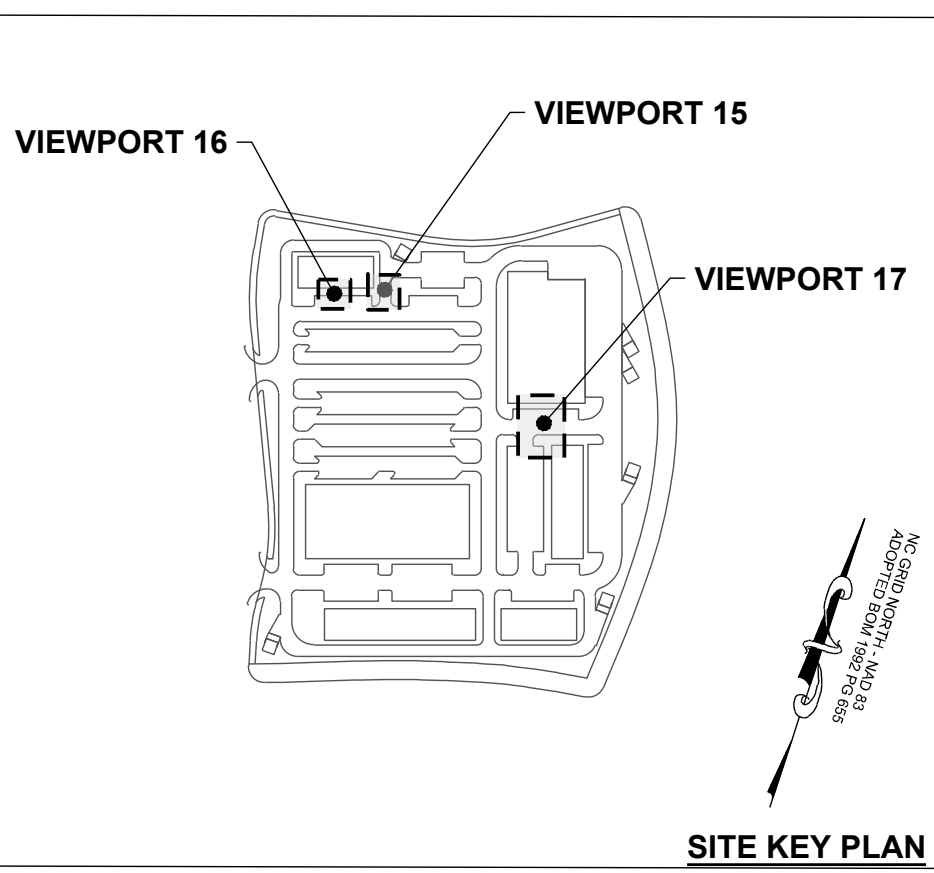
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HORIZONTAL: 1" = 5'



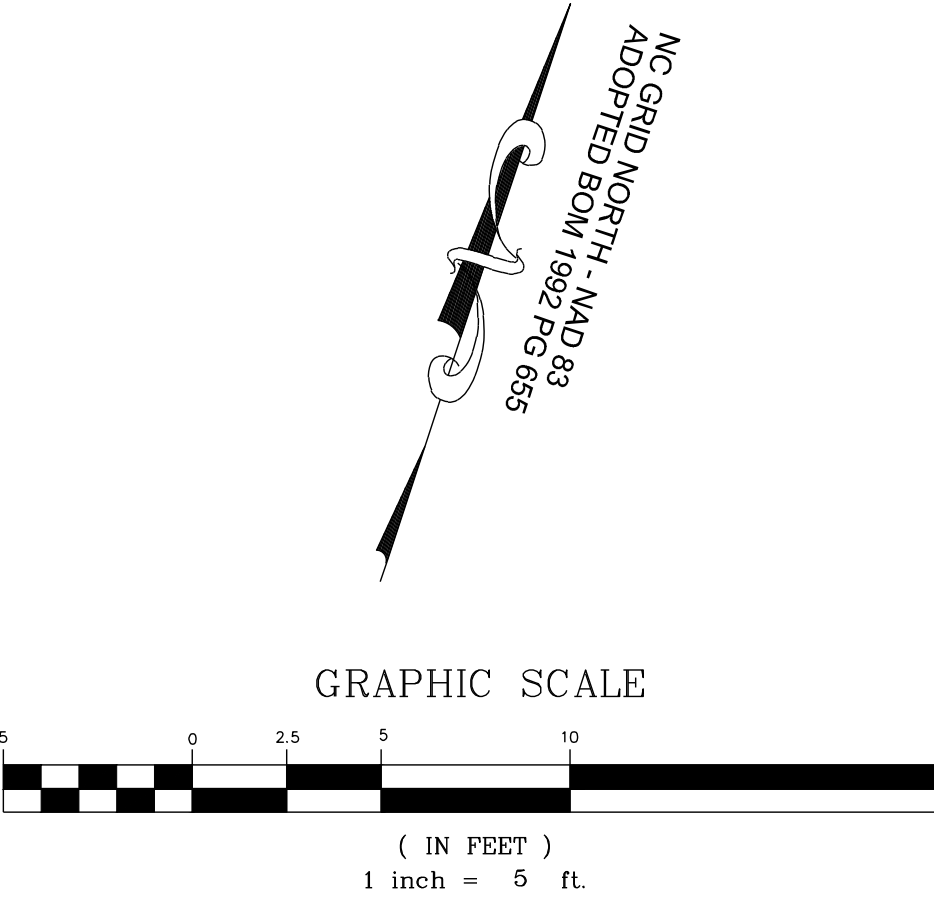
VIEWPORT 16
HORIZONTAL: 1" = 5'



VIEWPORT 17
HORIZONTAL: 1" = 5'



SITE KEY PLAN



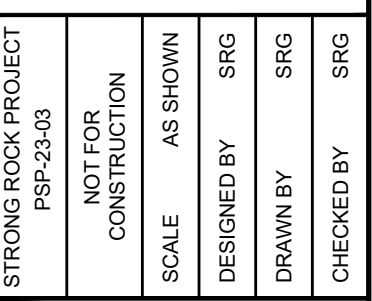
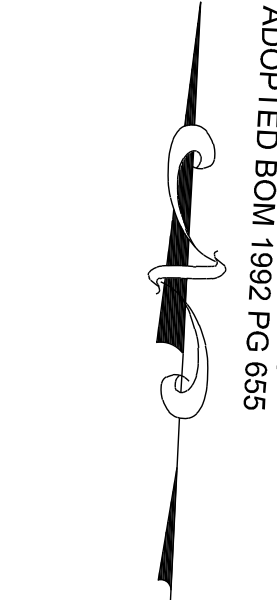
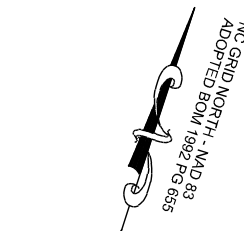
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CD SUBMITTAL #1	SPR	DATE	BY
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1	SPR	10/07/2025	
2	SPR	03/02/2026	
3	SPR	05/01/2026	
4	SPR	08/28/2026	
REVISIONS			
No.			

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	SRG
FOR CONSTRUCTION	SRG
SCALE AS SHOWN	SRG
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
ADA RAMP GRADING PLAN



DRAWING SHEET

C-6.8

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STORM STRUCTURE TABLE			
#	TOP	INV. IN	INV. OUT
CB #01	282.78		278.52 S
CB #02	283.32	278.39 N	278.14 S
CB #03	282.02		278.17 E
CB #04	282.35	277.36 N 278.06 W	277.16 SE
CB #05	278.96		274.87 E
CB #06	278.54		275.10 E
CB #07	281.02		273.15 E
CB #08	283.46	278.67 E	278.47 S
CB #09	283.39	278.33 N	278.13 SE
CB #10	284.44	275.45 E 276.11 S	275.25 W
CB #11	285.53		276.41 N
CB #12	283.92	276.66 NW 278.39 S	276.46 E
CB #13	281.93	277.13 N	276.93 SE
CB #14	282.24		277.28 S
CB #15	287.67	277.97 NE 277.97 S	277.77 W
CB #16	286.84	278.47 E	278.27 N
CB #17	287.40	283.68 E	283.48 W
CB #18	288.76	282.54 NE	282.34 W
CB #19	289.12	280.84 E	280.64 SW
CB #20	288.03	280.76 E	280.56 SW
CB #21	286.22		282.95 S
CB #22	288.00	281.83 E	281.63 W
CB #23	284.41		277.49 W
CB #24	284.83		279.73 S 279.74 N
CB #25	285.23		280.81 W
CB #26	286.46	278.85 S	278.65 W
CB #27	285.92	279.39 SW	279.19 N
CB #28	285.93	279.76 W	279.56 NE
CB #29	284.90	280.76 N	280.56 E
CB #30	285.64		280.86 E

STORM STRUCTURE TABLE			
#	TOP	INV. IN	INV. OUT
CB #31	287.94		282.04 S
CB #32	288.25		283.25 NW
CB #33	287.58		283.13 SW
CB #34	287.46		284.26 W
CB #35	286.38		279.18 SW
CB #36	283.86		278.61 N
CB #37	287.75		282.89 S
FES #01	273.36	268.86 E	
GROUNDWATER OUTLET STRUCTURE	284.20		269.97 W
LDB #01	282.92	276.21 NW 276.21 E	276.01 S 276.01 W
LDB #02	281.28	275.75 N 275.45 E	275.25 S 275.25 W
LDB #03	282.99	275.04 N 275.04 E	274.84 S 274.84 W
LDB #04	282.86	274.53 N 274.53 E	274.33 S 274.33 W
LDB #05	282.03	274.08 N 274.08 E	273.88 W 273.88 S
LDB #06	279.45	274.89 N 274.62 W 274.60 E	274.40 SE
LDB #07	279.50	274.19 NW 274.78 W 273.54 E	273.34 S
LDB #08	280.40	273.06 N 273.06 E	272.86 S
LDB #09	280.10	275.38 NW 275.35 E	275.15 S
LDB #10	285.64	279.32 N	279.12 S 279.12 W
LDB #11	283.64	278.86 N	278.66 W 278.66 S
LDB #12	286.47	278.46 N	278.26 W 278.26 S
LDB #13	281.41	272.74 E	272.54 W
ROOF TREATMENT BOX D	286.42	277.45 S	277.25 NW
YI #14	285.59	276.31 W	276.11 N

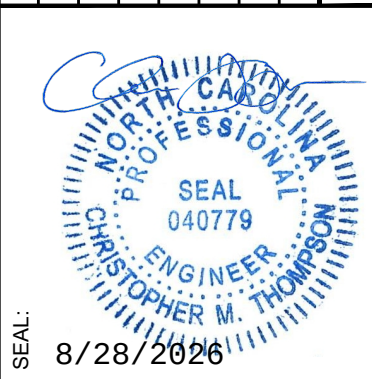
PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
PIPE #01	HDPE SOLID	15"	26	278.52	278.39	0.50%
PIPE #02	HDPE SOLID	15"	77	278.14	277.36	1.00%
PIPE #03	HDPE SOLID	15"	22	278.17	278.06	0.50%
PIPE #04	HDPE	12"	119	279.32	278.72	0.50%
PIPE #05	HDPE SOLID	12"	53	278.72	278.44	0.52%
PIPE #06	HDPE SOLID	12"	56	279.73	279.06	1.19%
PIPE #07	HDPE SOLID	12"	4	279.74	279.72	0.50%
PIPE #08	HDPE SOLID	12"	14	280.81	280.74	0.50%
PIPE #09	HDPE SOLID	12"	28	278.81	278.67	0.50%
PIPE #10	HDPE SOLID	15"	27	278.47	278.33	0.50%
PIPE #11	HDPE SOLID	15"	41	277.16	275.38	4.33%
PIPE #12	HDPE SOLID	18"	52	275.15	274.89	0.50%
PIPE #13	HDPE SOLID	15"	49	274.87	274.62	0.50%
PIPE #14	HDPE SOLID	18"	42	274.40	274.19	0.50%
PIPE #15	HDPE	15"	64	275.10	274.78	0.50%
PIPE #16	HDPE	18"	56	273.34	273.06	0.50%
PIPE #17	HDPE SOLID	24"	44	272.86	272.64	0.50%
PIPE #18	HDPE SOLID	15"	35	273.15	272.20	2.74%
PIPE #19	SLOTTED PIPE	15"	7	272.54	272.20	5.34%
PIPE #20	HDPE SOLID	24"	47	272.12	271.88	0.50%
PIPE #21	HDPE SOLID	15"	43	278.13	276.21	4.49%
PIPE #22	HDPE SOLID	18"	52	276.01	275.75	0.50%
PIPE #23	HDPE SOLID	24"	42	275.25	275.04	0.50%
PIPE #24	HDPE SOLID	24"	56	274.84	274.53	0.56%
PIPE #25	HDPE SOLID	24"	51	274.33	274.08	0.50%
PIPE #26	HDPE SOLID	24"	62	273.88	273.57	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
PIPE #27	HDPE SOLID	12"	35	279.50	279.32	0.50%
PIPE #28	HDPE SOLID	12"	52	279.12	278.86	0.50%
PIPE #29	HDPE SOLID	12"	41	278.66	278.46	0.50%
PIPE #30	HDPE SOLID	12"	48	278.26	278.02	0.50%
PIPE #31	HDPE SOLID	12"	21	278.02	277.27	3.54%
PIPE #32	HDPE SOLID	12"	2	277.28	277.27	0.50%
PIPE #33	HDPE SOLID	12"	49	277.07	275.30	3.61%
PIPE #34	HDPE SOLID	12"	2	275.31	275.30	0.50%
PIPE #35	HDPE SOLID	12"	42	275.10	274.50	1.44%
PIPE #36	SLOTTED PIPE	15"	123	279.12	276.21	2.38%
PIPE #37	SLOTTED PIPE	15"	128	276.01	275.35	0.51%
PIPE #38	SLOTTED PIPE	15"	123	278.66	275.45	2.63%
PIPE #39	SLOTTED PIPE	15"	130	275.25	274.60	0.50%
PIPE #40	SLOTTED PIPE	15"	123	278.26	275.04	2.63%
PIPE #41	SLOTTED PIPE	15"	122	274.84	273.54	1.06%
PIPE #42	SLOTTED PIPE	15"	118	278.37	274.53	3.27%
PIPE #43	SLOTTED PIPE	15"	121	274.33	273.06	1.06%
PIPE #44	SLOTTED PIPE	15"	118	275.02	274.08	0.80%
PIPE #45	SLOTTED PIPE	15"	117	273.88	272.78	0.97%
PIPE #46	HDPE SOLID	12"	70	281.33	279.77	2.24%
PIPE #47	HDPE SOLID	12"	66	281.86	281.53	0.50%
PIPE #48	HDPE SOLID	12"	45	282.04	281.82	0.50%
PIPE #49	HDPE SOLID	12"	13	281.33	281.27	0.50%
PIPE #50	HDPE SOLID	12"	56	281.61	281.33	0.50%
PIPE #51	HDPE SOLID	12"	198	282.80	281.81	0.50%
PIPE #52	HDPE SOLID	12"	67	280.64	279.00	2.45%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
PIPE #53	HDPE SOLID	12"	105	282.34	280.84	1.43%
PIPE #54	HDPE SOLID	12"	12	282.60	282.54	0.50%
PIPE #55	HDPE SOLID	12"	65	283.13	282.80	0.50%
PIPE #56	HDPE PERFORATED	12"	121	275.00	275.00	0.00%
PIPE #57	HDPE PERFORATED	12"	121	275.00	275.00	0.00%
PIPE #58	HDPE PERFORATED	12"	243	275.00	275.00	0.00%
PIPE #59	HDPE PERFORATED	12"	243	275.00	275.00	0.00%
PIPE #60	HDPE PERFORATED	12"	243	275.00	275.00	0.00%
PIPE #61	HDPE PERFORATED	12"	243	275.00	275.00	0.00%
PIPE #62	HDPE PERFORATED	12"	243	275.00	275.00	0.00%
PIPE #63	HDPE PERFORATED	12"	243	275.00	275.00	0.00%
PIPE #64	HDPE PERFORATED	12"	243	275.00	275.00	0.00%
PIPE #65	HDPE PERFORATED	12"	243	275.00	275.00	0.00%
PIPE #66	HDPE PERFORATED	12"	242	275.00	275.00	0.00%
PIPE #67	HDPE PERFORATED	12"	243	275.00	275.00	0.00%
PIPE #68	HDPE SOLID	12"	54	280.56	279.75	1.50%
PIPE #69	HDPE SOLID	12"	58	281.63	280.76	1.50%
PIPE #70	HDPE SOLID	12"	68	282.86	281.83	1.50%
PIPE #71	HDPE SOLID	12"	23	283.48	283.06	1.89%
PIPE #72	HDPE SOLID	12"	41	284.26	283.68	1.42%
PIPE #73	HDPE SOLID	12"	196	285.26	284.06	0.61%
PIPE #74	HDPE SOLID	36"	101	271.50	271.50	0.00%
PIPE #75	HDPE SOLID	36"	100	268.50	268.50	0.00%
PIPE #76	HDPE SOLID	36"	100	271.50	271.50	0.00%
PIPE #77	HDPE SOLID	18"	7	274.62	274.59	0.50%
PIPE #78	HDPE SOLID	18"	2	275.25	275.13	5.00%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
PIPE #79	HDPE SOLID	15"	60	276.41	276.11	0.50%
PIPE #80	HDPE SOLID	15"	204	277.49	275.45	1.00%
PIPE #81	HDPE SOLID	12"	76	276.11	275.74	0.50%
PIPE #82	HDPE SOLID	15"	29	276.46	276.31	0.50%
PIPE #83	HDPE SOLID	15"	54	276.93	276.66	0.50%
PIPE #84	HDPE SOLID	15"	31	277.28	277.13	0.50%
PIPE #85	RCP	48"	222	269.97	268.86	0.50%
PIPE #86	HDPE SOLID	12"	16	282.95	282.88	0.50%
PIPE #87	HDPE SOLID	12"	60	276.50	273.50	5.00%
PIPE #88	HDPE SOLID	12"	74	277.25	273.50	5.10%
PIPE #89	HDPE SOLID	12"	68	277.79	277.45	0.50%
PIPE #90	HDPE SOLID	12"	245	279.02	277.79	0.50%
PIPE #91	HDPE SOLID	12"	48	281.97	281.73	0.50%
PIPE #92	HDPE SOLID	12"	65	282.49	282.17	0.50%
PIPE #93	HDPE SOLID	12"	122	283.31	282.69	0.50%
PIPE #94	HDPE SOLID	12"	103	277.77	275.75	1.96%
PIPE #95	HDPE SOLID	12"	70	279.18	277.97	1.73%
PIPE #96	HDPE SOLID	12"	60	278.27	277.97	0.50%
PIPE #97	HDPE SOLID	12"	34	278.65	278.47	0.50%
PIPE #98	HDPE SOLID	12"	68	279.19	278.85	0.50%
PIPE #99	HDPE SOLID	12"	35	279.56	279.39	0.50%
PIPE #100	HDPE SOLID	12"	159	280.56	279.76	0.50%
PIPE #101	HDPE SOLID	12"	20	280.86	280.76	0.50%
PIPE #102	HDPE SOLID	12"	45	282.89	281.53	3.02%
PIPE #103	HDPE SOLID	12"	91	283.25	281.81	1.59%
PIPE #104	HDPE SOLID	12"	42	278.61	278.39	0.50%

No.	Revisions	Date	By
0	CD-SUBMITTAL #1	08/01/2025	SREG
1	CD-25-06 V2	10/01/2025	SREG
2	CD-25-06 V3	03/02/2026	SREG
3	SDP-26-0002 V4	05/01/2026	SREG
4	SDP-26-0002 V5	08/28/2026	SREG



STRONG
**ROCK**
E N G I N E E R I N G G R O U P

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE #F-21068
3005 CHURCH AT NORTH HILLS STREET, SUITE 110 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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MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS

STORM DRAINAGE TABLES

DRAWING SHEET

C-6.9

17 OF 59

THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

1. IF AN OFFSITE SOIL SPOIL OR BORROW SITE IS UTILIZED, THEN THE DISTURBED AREA FOR THE SPOIL/BORROW SITE MUST BE INCLUDED IN THE LAND-DISTURBANCE PLAN AND PERMIT UNLESS THE SPOIL/BORROW SITE ALREADY HAS A SEPARATE LAND-DISTURBANCE PERMIT.

1. SCHEDULE AND HOLD A PRE-CONSTRUCTION CONFERENCE PRIOR TO BEGINNING ANY LAND-DISTURBING ACTIVITIES. THIS CONFERENCE SHOULD BE ATTENDED BY A REPRESENTATIVE OF THE FINANCIALLY RESPONSIBLE PARTY AND/OR THE GENERAL CONTRACTOR, GRADING SUB-CONTRACTOR, EROSION CONTROL SUB-CONTRACTOR AND THE WAKE COUNTY S&E OFFICE.
2. OBTAIN LAND DISTURBING PERMIT AND PLACARD, AND POST THE PLACARD ON SITE.
3. OBTAIN AN APPROVED (STAMPED) S&E CONTROL PLAN AND KEEP IT ON SITE, EITHER IN THE INSPECTION BOX, CONSTRUCTION OFFICE OR WITH THE CONTRACTOR.
4. OBTAIN THE 401/404 PERMIT (IF APPLICABLE) AND KEEP IT ON-SITE. ENSURE ALL REQUIREMENTS OF THE PERMIT ARE MET.
5. INSTALL CONSTRUCTION EGRESS/EXITS, SILT FENCING, AND ROLLED EROSION CONTROL PRODUCT. JACK AND BORE SEWER CONNECTION SHOULD ALSO BEGIN OPERATION. ENSURE SAFE SHOWING AND MAINTAIN CLEAR ZONES AROUND THE PITS.
6. THE INSTALLATION OF SEDIMENT TRAPS/BASINS, DIVERSION DITCHES, TEMPORARY PIES, CLEAR WATER DIVERSION, CHECK DAMS, AND OTHER INITIAL EROSION CONTROL MEASURES SHOULD COMMENCE AFTER THE JACK AND BORE OPERATION AS SPECIFIED IN THE PLAN. REMOVE ONLY TREES AND GROUND COVER NECESSARY TO INSTALL THESE DEVICES. SEE "STREAM CROSSING SEQUENCE."
7. IF A STOCKPILE IS NECESSARY DUE TO EXCAVATION OF THE SEDIMENT TRAP/BASIN, PLACE A DOUBLE ROW OF SILT FENCE 10 FEET APART. TREES AND GROUND COVER MAY BE REMOVED ONLY IF NECESSARY FOR THIS STOCKPILE. IF MATERIAL IS GOING TO BE HAULED OFF-SITE, A SEPARATE EROSION CONTROL PERMIT MUST BE OBTAINED FOR THE DESTINATION OF THE MATERIAL. SEE "STOCKPILE NOTES".
8. NOTIFY THE WAKE COUNTY S&E SITE INSPECTOR AFTER MEASURES HAVE BEEN INSTALLED AND PROJECT HAS STARTED
9. PROVIDE TEMPORARY GROUND COVER FOR DIVERSION DITCHES AND SEDIMENT TRAPS/BASINS WITHIN 3 DAYS OF COMPLETION.
10. CALL ENVIRONMENTAL CONSULTANT FOR AN ONSITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT TO OBTAIN A CERTIFICATE OF COMPLIANCE.
11. BEGIN CLEARING, GRUBBING AND GRADING OF SITE IN ACCORDANCE WITH THE APPROVED S&E CONTROL PLAN.

1. AFTER CONTRACTOR HAS COMPLETED ROUGH GRADING OPERATIONS:
 - A. TEMPORARY GROUND COVER SUFFICIENT TO RESTRAIN EROSION SHALL BE PROVIDED AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) DAYS AFTER COMPLETING THE WORK.
 - B. PERMANENTLY STABILIZE ALL SLOPES AND/OR OTHER AREAS THAT ARE AT FINAL GRADE. REFER TO SEEDING DETAILS.
2. INSTALL UTILITIES, INCLUDING STORM NETWORK. CONTRACTOR SHALL ONLY EXCAVATE THE AMOUNT OF TRENCH TO ALLOW FOR ONE DAY OF PIPE INSTALLATION. STABILIZE GROUND COVER AS WORK IS COMPLETED.
 - A. USE BERMS, DIVERSIONS, AND PIPE INLET PROTECTION TO PREVENT SEDIMENT RUNOFF FROM ENTERING THE STORM SYSTEM.
 - B. INSTALL INLET PROTECTION ON ALL COMPLETED STORM STRUCTURES.
3. COMPLETE OUTSTANDING CONSTRUCTION: RETAINING WALLS (STABILIZE SLOPES), PAVING, FINE GRADING, ETC. STABILIZE GROUND COVER AS WORK IS COMPLETED.
4. PERMANENTLY STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, DITCH LININGS, ETC. SEED AND MULCH DENUDED AREAS PER GROUND STABILIZATION TIME FRAMES.

1. WHEN CONSTRUCTION IS COMPLETE AND ALL AREAS ARE STABILIZED COMPLETELY, CALL ENVIRONMENTAL CONSULTANT FOR AN INSPECTION.
2. IF SITE IS APPROVED, REMOVE TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT BASINS, ETC. AND SEED OUT OR STABILIZE ANY RESULTING BARE AREAS. ALL REMAINING PERMANENT EROSION CONTROL DEVICES, SUCH AS VELOCITY DISSIPATORS, SHOULD NOW BE INSTALLED.
3. WHEN VEGETATION HAS BECOME ESTABLISHED, CALL FOR A FINAL SITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT. OBTAIN A CERTIFICATE OF COMPLETION.
4. WAKE COUNTY MUST GRANT PERMISSION TO CONVERT THE SEDIMENT BASIN OVER TO STORMWATER USE PRIOR TO COMPLETING ANY RELATED WORK. SEE 'BASIN REMOVAL SEQUENCE.'
5. ADHERE TO ALL REQUIREMENTS OF THE 401/404 PERMIT (IF APPLICABLE).

1. SCHEDULE A SITE MEETING WITH THE ENVIRONMENTAL CONSULTANT TO DETERMINE IF A BASIN CAN BE REMOVED. INSTALL SILT FENCING OR OTHER TEMPORARY EROSION CONTROL MEASURES AS NEEDED PRIOR TO REMOVAL OF THE BASIN.
2. CONTACT NCDCE – RALEIGH REGIONAL OFFICE (919) 791-4200 TO DETERMINE THE DIVISION OF ENERGY, MINERAL AND LAND RESOURCES CONTACT PERSON TO RECEIVE DOWATERING NOTIFICATIONS. AT LEAST 10 DAYS PRIOR TO BEGINNING DOWATERING ACTIVITY, SEND EMAIL TO NCDCE-DEMLR CONTACT PERSON AND COPY EMAIL TO ENVIRONMENTAL CONSULTANT THAT YOU MAY ONSITE THE EMAIL. EMAIL SHOULD INCLUDE: EXERC JURISDICTION, WAKE COUNTY, WAKE COUNTY PROJECT NAME, NUMBER, AND LOCATION (CITY/TOWN), ENVIRONMENTAL CONSULTANT NAME, AND ADDRESS THE FOLLOWING: A) REASON FOR CONVERSION, B) BASIN #, C) DOWATERING METHOD, AND D) ALL OTHER NECESSARY INFO FROM PART II, SECTION G, ITEM 4 OF THE NCGM. (KEEP EMAIL FOR YOUR NPDES MONITORING DOCUMENTATION)
3. AFTER RECEIVING POSITIVE CONFIRMATION FROM NCDCE-DEMLR THAT YOU MAY REMOVE THE BASIN OR ON > DAY 11, WHICHEVER IS SOONER, REMOVE BASIN(S) AND ASSOCIATED TEMPORARY DIVERSION DITCHES. IF PIPES NEED TO BE EXTENDED, PERFORM THIS OPERATION AT THIS TIME. FINE GRADE AREA IN PREPARATION FOR SEEDING.
4. PERFORM SEEDBED PREPARATION, SEED, MULCH AND ANCHOR ANY RESULTING BARE AREAS IMMEDIATELY.
5. INSTALL VELOCITY DISSIPATORS AND/OR LEVEL SPREADERS AS REQUIRED ON THE EROSION CONTROL PLAN.
6. WHEN SITE IS FULLY STABILIZED, CALL ENVIRONMENTAL CONSULTANT FOR APPROVAL OF REMOVING REMAINING TEMPORARY EROSION CONTROL MEASURES AND ADVISE WHEN SITE CAN BE ISSUED A CERTIFICATE OF COMPLETION. NOTE: A MEETING SHOULD ALSO BE SCHEDULED WITH THE ENVIRONMENTAL CONSULTANT TO DETERMINE WHEN A BASIN MAY BE CONVERTED FOR STORMWATER USE. SOME MUNICIPALITIES MAY ALSO REQUIRE THIS.

1. THE PURPOSE OF THIS PLAN IS TO DEVELOP A COMMERCIAL LOT. LAND DISTURBANCE WILL BE KEPT TO THE MINIMUM AMOUNT NEEDED TO INSTALL THE INFRASTRUCTURE STORMWATER DEVICES AND ROUGH GRADED LOT SHOWN ON THE PLANS.
2. EROSION SHALL BE CONTROLLED BY USING A COMBINATION OF TEMPORARY AND PERMANENT STABILIZATION MEASURES THROUGHOUT THE SITE. IN GENERAL STRIPPING OF VEGETATION, REGRADING OR OTHER DEVELOPMENT IS TO BE DONE IN SUCH A WAY THAT WILL MINIMIZE EROSION. EROSION AND SEDIMENT WILL BE CONTROLLED BY SILT FENCE, DIVERSION DITCHES, DAMS, SEDIMENT/SKIMMER BASINS, INLET AND OUTLET PROTECTION, SLOPE DRAINS AND EROSION CONTROL MATTING. CONSTRUCTION OF SLOPE DRAINS SHALL PROCEED ACCORDING TO AREA AND THE DURATION OF EXPOSURE WILL BE KEPT TO A PRACTICAL MINIMUM AND PERMANENT VEGETATION AND SCMS WILL BE INSTALLED AS SOON AS POSSIBLE TO PREVENT EROSION.

1. INSTALL CROSSINGS PRIOR TO ANY OTHER ACTIVITIES. PLACE CROSSINGS IN TEMPORARY CONSTRUCTION EASEMENTS ONLY.
2. MINIMIZE STREAMBANK CLEARING. DO NOT EXCAVATE ROCK BOTTOM STREAMBEDS TO INSTALL THE CROSSING. LAY THE CULVERT PIPES ON THE STREAMBED 'AS IS' WHEN APPLICABLE. PLACE AS MANY PIPES AS POSSIBLE WITHIN THE LOW AREA OF THE STREAM. PLACE REMAINING PIPES REQUIRED TO CROSS THE STREAM ON THE EXISTING STREAM BOTTOM.
3. INSTALL PIPES WITH A MAXIMUM SPACING OF 12-INCHES BETWEEN PIPES. THE MINIMUM SIZED PIPE CULVERT THAT MAY BE USED IS 24-INCHES.
4. INSTALL CULVERTS WITH A LENGTH THAT EXTEND THE FULL WIDTH OF THE CROSSING, INCLUDING SIDE SLOPES.
5. TEMPORARY STREAM CROSSING:
 - * USE COARSE AGGREGATE OF CLEAN LIMESTONE RIPRAP WITH A 6-INCH D50 OR GREATER TO FORM THE CROSSING. INSTALL STONE COVER OVER THE CULVERT EQUAL TO 1/3 THE DIAMETER OF THE CULVERT OR 12-INCHES, WHICHEVER IS GREATER, BUT NOT GREATER THAN 18-INCHES.
 - * FILL MATERIALS ASSOCIATED WITH THE ROADWAY APPROACH TO A MAXIMUM HEIGHT OF 2-FEET ABOVE THE EXISTING FLOOD PLAIN ELEVATION.

1. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST TOWN OF ROSELVILLE STANDARDS, SPECIFICATIONS AND DETAILS.
2. GRADING AND EROSION CONTROL METHODS SHALL ADHERE TO THE TOWN OF ROSELVILLE SOIL AND EROSION CONTROL STANDARDS AND SPECIFICATIONS.
3. GRADING AND EROSION CONTROL METHODS SHALL ADHERE TO THE NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES DIVISION OF WATER QUALITY (DWQ) STANDARDS AND SPECIFICATIONS. WHERE DIFFERENT FROM WAKE COUNTY STANDARDS, THE MORE STRINGENT METHOD SHALL BE APPLIED.
4. FAILURE TO FOLLOW THE APPROVED PLAN SEQUENCE AND DETAILS COULD SUBJECT THE FINANCIALLY RESPONSIBLE PARTY TO FINES AND PENALTIES ISSUED BY EITHER THE WAKE COUNTY EROSION CONTROL DEPARTMENT OR THE DWQ.
5. CONTRACTOR SHALL SEED AND STABILIZE ALL STEEP SLOPES (GREATER THAN 2H:1V) WITHIN 7 DAYS, 10 DAYS FOR MODERATE SLOPES (3H:1V OR GREATER) AND WITHIN 14 CALENDAR DAYS EVERYWHERE ELSE (STATE LAW 2009-486).
6. FOR ANY LAND-DISTURBING ACTIVITY WHERE GRADING ACTIVITIES HAVE BEEN COMPLETED, TEMPORARY OR PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION SHALL BE PROVIDED AS SOON AS PRACTICAL, BUT IN NO CASE LATER THAN SEVEN (7) DAYS AFTER COMPLETING THE WORK. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE ON THE PLAN.
7. NO DEBRIS SHALL BE TRACKED ONTO PUBLIC RIGHT OF WAY. IF THE SITUATION OCCURS WHERE MUD, ROCK AND DEBRIS IS TRACKED ONTO PAVEMENT, THE CONTRACTOR SHALL CLEAN THE PAVEMENT AND INSTALL ADDITIONAL MEASURES TO PREVENT THE FUTURE OCCURRENCE.
8. THE EROSION CONTROL INSPECTOR MAY REQUIRE ADDITIONAL FIELD MEASURES AS NECESSARY TO PROVIDE ADEQUATE PROTECTION FROM RECEIVING WATER COURSES.
9. EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE. THE CONTRACTOR SHALL CALL FOR AN INSPECTION BY NCEQ ONCE INITIAL MEASURES ARE IN PLACE. (SEE CONSTRUCTION SEQUENCES)
10. CONTRACTOR SHALL INSPECT ALL SEDIMENT / EROSION CONTROL DEVICES AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE.
11. A COPY OF THE APPROVED EROSION CONTROL PLAN MUST BE ON FILE AT THE JOB SITE AT ALL TIMES.
12. CONSTRUCTION, MAINTENANCE, AND REMOVAL OF ALL EROSION CONTROL DEVICES ARE THE RESPONSIBILITY OF THE GRADING CONTRACTOR UNLESS OTHERWISE NOTED.
13. ANY GRADING BEYOND THE DENIED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE CITY/COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
14. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF THE CITY/COUNTY ENGINEERING DEPARTMENT AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
15. PROTECTION OF EXISTING VEGETATION: AT THE START OF GRADING INVOLVING THE STRIPPING OF TOPSOIL, OR LOWERING OF EXISTING GRADE AROUND A TREE, A CLEAN, SHARP, VERTICAL CUT SHALL BE MADE AT THE EDGE OF THE TREE SAVE AREA AT THE SAME TIME AS OTHER EROSION CONTROL MEASURES ARE INSTALLED. THE TREE PROTECTION FENCING SHALL BE INSTALLED ON THE SIDE OF THE CUT FARTHEST AWAY FROM THE TREE TRUNK AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE. NO STORAGE OF MATERIALS, FILL, OR EQUIPMENT AND NO TRESPASSING SHALL BE ALLOWED WITHIN THE BOUNDARY OF THE TREE PROTECTION FENCE. THE FENCE SHALL BE POSTED ON THE PROTECTION FENCE. A PROTECTION FENCE CONSTRUCTED OF MATERIAL RESISTANT TO DEGRADATION BY SUN, WIND AND MOISTURE FOR THE DURATION OF THE CONSTRUCTION, SHALL BE INSTALLED AT THE SAME TIME AS THE EROSION CONTROL MEASURES AND SHALL BE IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE.
16. A CONSTRUCTION SEQUENCE HAS BEEN PROVIDED. INSTALLATION OF ALL PROPOSED SEDIMENTATION & EROSION CONTROL MEASURES IN THE SEQUENCE(S) PROVIDED AND MAINTENANCE OF THOSE DEVICES IS REQUIRED. THE CONTRACTOR MAY BE ALLOWED, WITH PRIOR APPROVAL FROM THE OWNER, TO COORDINATE CHANGES TO THE PLAN WITH THE ON-SITE SEDIMENTATION & EROSION CONTROL INSPECTOR AND THE ENGINEER.
17. PROVIDE INLET PROTECTION AROUND ALL SITE STORM INLETS. PROTECT OPEN PIPES UNDER CONSTRUCTION WITH EITHER PLYWOOD OR WITH MESH AND GRAVEL WEIRS. RUNOFF SHALL NOT BE ALLOWED IN ANY OPEN TRENCH.
18. CONTRACTOR WILL FIELD LOCATE SILT FENCE OUTLETS AT LOW POINTS IN SILT FENCE AS REQUIRED TO PROVIDE RELIEF FROM CONCENTRATED FLOWS AND PONDING.
19. TEMPORARY DIVERSIONS SHALL BE MAINTAINED DAILY BY CONTRACTOR SO THAT THEY ARE FUNCTIONAL AT THE END OF EACH WORKDAY AND WHEN STOPPING WORK FOR RAIN.
20. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
21. DISTURBANCE OUTSIDE OF THE SITE PROPERTY LIMITS OR PUBLIC RIGHT-OF-WAY SHALL ONLY BE AS ALLOWED BY SIGNED GRADING AGREEMENTS AND/OR EASEMENTS BETWEEN THE DEVELOPER AND THE OFFSITE PROPERTY OWNER.
22. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN SAFE OPEN ACCESS TO ALL PROPERTIES ALONG ADJACENT PROPERTIES DURING CONSTRUCTION PERIOD FOR IMPROVEMENTS.
23. SLOPES GREATER THAN 3:1 AND/OR GREATER THAN 10' IN VERTICAL DIFFERENCE SHALL BE INSTALLED WITH ROLLED EROSION CONTROL PRODUCT IMMEDIATELY UPON INSTALLATION.

RIP RAP SUMMARY						
RIP RAP #	MATERIAL	LENGTH (FT)	WIDTH (FT)	STONE DIAMETER (IN)	THICKNESS (IN)	SLOPE DRAIN (IN)
1.A	CLASS B	12	6	6	22	24
1.B	CLASS A	8	6	3	9	24
PIPE - 93	CLASS B	24	12	6	22	48

CHANNEL LINING	LENGTH (FT)	START POINT ELEV.	END POINT ELEV.	DRAINAGE AREA (AC)	SLOPE	SIDESLOPE (X:1)	DEPTH (FT)	BOTTOM WIDTH (FT)	TOP WIDTH (FT)	VELOCITY (FT/S)	Q10 FLOW (CFS)	LINING TYPE
CL #1.A	569.863	311.24	288.41	4.95	4.0%	3	1.50	2	8	8.10	17.85	GEACOR/DEKOWE, 700
CL #1.B	271.278	291.90	286.32	3.63	2.1%	3	1.50	2	8	5.81	13.08	NAG, 70% STRAW; 30% COCONUT; DOUBLE NET

NUMBER	REQUIRED VOLUME (CUBIC FEET)	REQUIRED SURFACE AREA (SQARE FEET)	TOP WIDTH (FT)	TOP LENGTH (FT)	BOTTOM WIDTH (FT)	BOTTOM LENGTH (FT)	SKIMMER SIZE (IN)	ORFICE SIZE (IN)	DEPTH (FT)
1	19,164	16,696	120	260	102	242	2.50	2.25	3.00

1. SCHEDULE A PRECONSTRUCTION CONFERENCE WITH THE ENVIRONMENTAL CONSULTANT. OBTAIN A LAND-DISTURBING PERMIT.
2. INSTALL GRAVEL CONSTRUCTION PAD, TEMPORARY DIVERSIONS, SILT FENCE, AND PREPARE JACK AND BORE LOCATIONS. INSTALL SEDIMENT BASINS AND OTHER MEASURES AS SHOWN ON THE APPROVED PLAN. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES. SEED TEMPORARY DIVERSIONS, BERMS AND BASINS IMMEDIATELY AFTER CONSTRUCTION.
3. CALL ENVIRONMENTAL CONSULTANT FOR AN ONSITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT TO OBTAIN A CERTIFICATE OF COMPLIANCE.
4. BEGIN CLEARING AND GRUBBING. MAINTAIN DEVICES AS NEEDED. ROUGH GRADE SITE.
5. INSTALL STORM SEWER, IF SHOWN, AND PROTECT INLETS WITH BLOCK AND GRAVEL INLET CONTROLS. SEDIMENT TRAPS OR OTHER APPROVED MEASURES AS SHOWN ON THE PLAN. BEGIN CONSTRUCTION, BUILDING, ETC.
6. STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, DITCH LININGS, ETC. SEED AND MULCH DENUDED AREAS PER GROUND STABILIZATION TIME FRAMES.
7. WHEN CONSTRUCTION IS COMPLETE AND ALL AREAS ARE STABILIZED COMPLETELY, CALL ENVIRONMENTAL CONSULTANT FOR AN INSPECTION.
8. IF SITE IS APPROVED, REMOVE TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT BASINS, ETC., AND SEED OUT OR STABILIZE ANY RESULTING BARE AREAS. ALL REMAINING PERMANENT EROSION CONTROL DEVICES, SUCH AS VELOCITY DISIPATORS, SHOULD NOW BE INSTALLED.
9. WHEN VEGETATION HAS BECOME ESTABLISHED, CALL FOR A FINAL SITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT. OBTAIN A CERTIFICATE OF COMPLETION.

1. STOCKPILE FOOTPRINTS SHALL BE SETBACK A MINIMUM OF 25' FROM ADJACENT PROPERTY LINES
2. STOCKPILE HEIGHT SHALL NOT EXCEED 35 FEET.
3. STOCKPILE SLOPES SHALL BE 2:1 OR FLATTER
4. STOCKPILING MATERIALS ADJACENT TO A DITCH, DRAINAGEWAY, WATERCOURSE, WETLAND, STREAM BUFFER, OR OTHER BODY OF WATER SHALL BE AVOIDED UNLESS AN ALTERNATIVE LOCATION IS DEMONSTRATED TO BE UNAVAILABLE.
5. ANY CONCENTRATED FLOW LIKELY TO AFFECT THE STOCKPILE SHALL BE DIVERTED TO AN APPROVED BMP
6. OFF-SITE SPOIL OR BORROW AREAS MUST BE IN COMPLIANCE WITH WAKE COUNTY UDO AND STATE REGULATIONS. ALL SPOIL AREAS OVER AN ACRE ARE REQUIRED TO HAVE AN APPROVED SEDIMENT CONTROL PLAN. DEVELOPER/CONTRACTOR SHALL NOTIFY WAKE COUNTY OF ANY OFFSITE DISPOSAL OF SOIL, PRIOR TO DISPOSAL. FILL OF FEMA FLOODWAYS AND NON-ENCROACHMENT AREAS ARE PROHIBITED EXCEPT AS OTHERWISE PROVIDED BY SUBSECTION 14-19.2 OF THE WAKE COUNTY UNIFIED DEVELOPMENT ORDINANCE (CERTIFICATIONS AND PERMITS REQUIRED).

A. SEEDING OR COVERING STOCKPILES WITH TAPPS OR MULCH IS REQUIRED AND WILL REDUCE EROSION PROBLEMS. TAPPS SHOULD BE KEPT IN AT THE TOP OF THE SLOPE TO KEEP WATER FROM RUNNING UNDERNEATH THE PLASTIC.

B. IF A STOCKPILE IS TO REMAIN FOR FUTURE USE AFTER THE PROJECT IS COMPLETE (BUILDERS, ETC.), THE FINANCIAL RESPONSIBLE PARTY MUST NOTIFY WAKE COUNTY OF A NEW RESPONSIBLE PARTY FOR THAT STOCKPILE.

D. ESTABLISH AND MAINTAIN A VEGETATIVE BUFFER AT THE TOE OF THE SLOPE (WHERE PRACTICAL).

1. THE TEMPORARY SEDIMENT BASIN MUST BE INSTALLED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS.
2. TOWN SOIL EROSION & SEDIMENTATION CONTROL STAFF SHALL BE NOTIFIED AT LEAST 10 DAYS PRIOR TO THE DEWATERING OF THE TEMPORARY SEDIMENT BASIN AS REQUIRED BY THE NCG01 PERMIT.
3. DURING THE SCM CONVERSION PROCESS, ALL EFFORTS SHALL BE MADE TO PROTECT DOWNSTREAM WATERS. THE DRAIN VALVE SHALL NOT BE LEFT OPEN AT ANY TIME DURING THE SCM CONVERSION. A SKIMMER DRAWDOWN SYSTEM SHALL BE INSTALLED AND UTILIZED UNTIL THE SCM IS FULLY CONVERTED.
4. THE DESIGN ENGINEER MUST SUBMIT AN AS-BUILT PACKAGE WHICH MEETS ALL REQUIREMENTS IN THE TOWN SPEC BOOK INCLUDING A SIGNED AND SEALED CERTIFICATION STATEMENT.
5. THE APPROPRIATE EXECUTED SCM O&M AGREEMENT MUST BE SUBMITTED.
6. A FINAL INSPECTION BY STORMWATER & UTILITY ENGINEERING STAFF SHALL BE CONDUCTED ONCE THE AS-BUILT SUBMITTAL HAS BEEN RECEIVED. ONCE APPROVED, STAFF WILL SEND AN OFFICIAL SCM APPROVAL LETTER TO THE OWNER.

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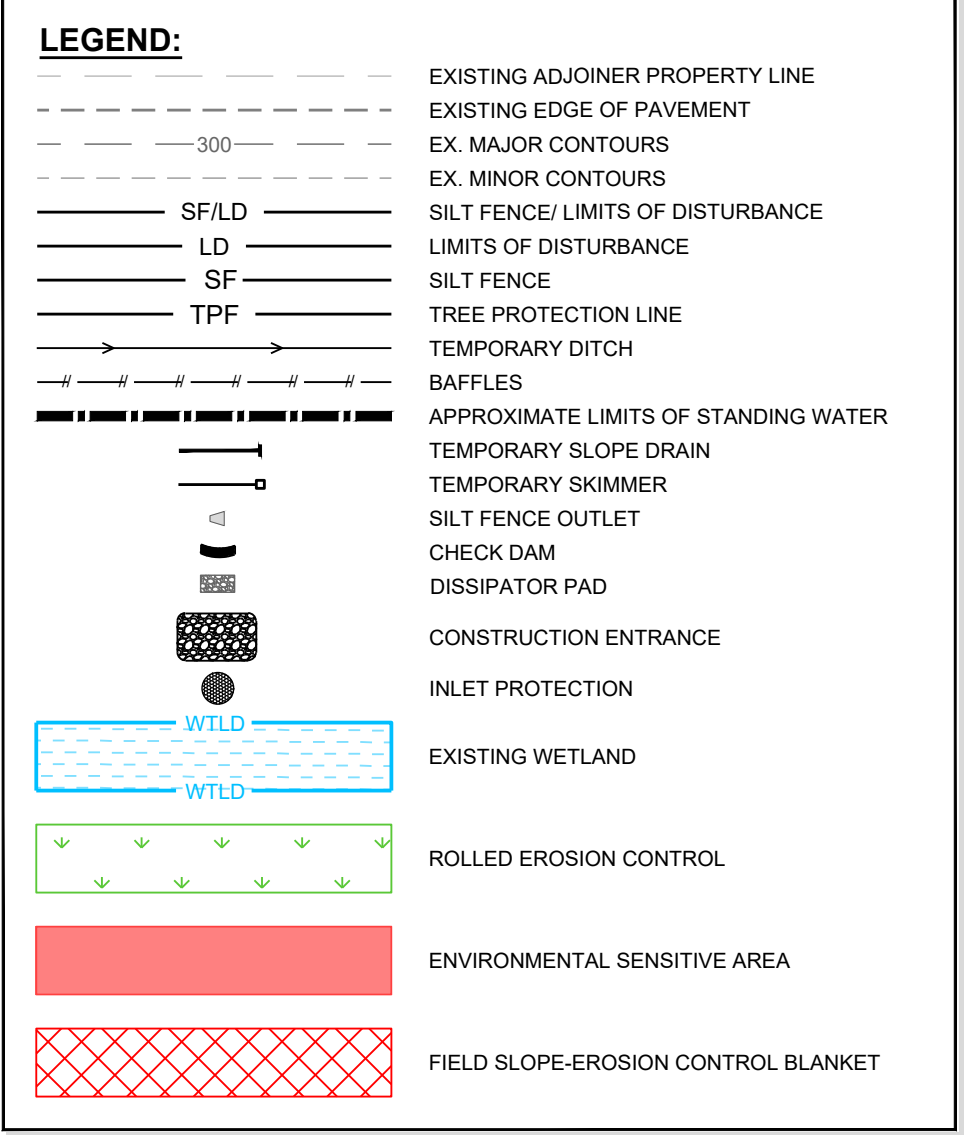
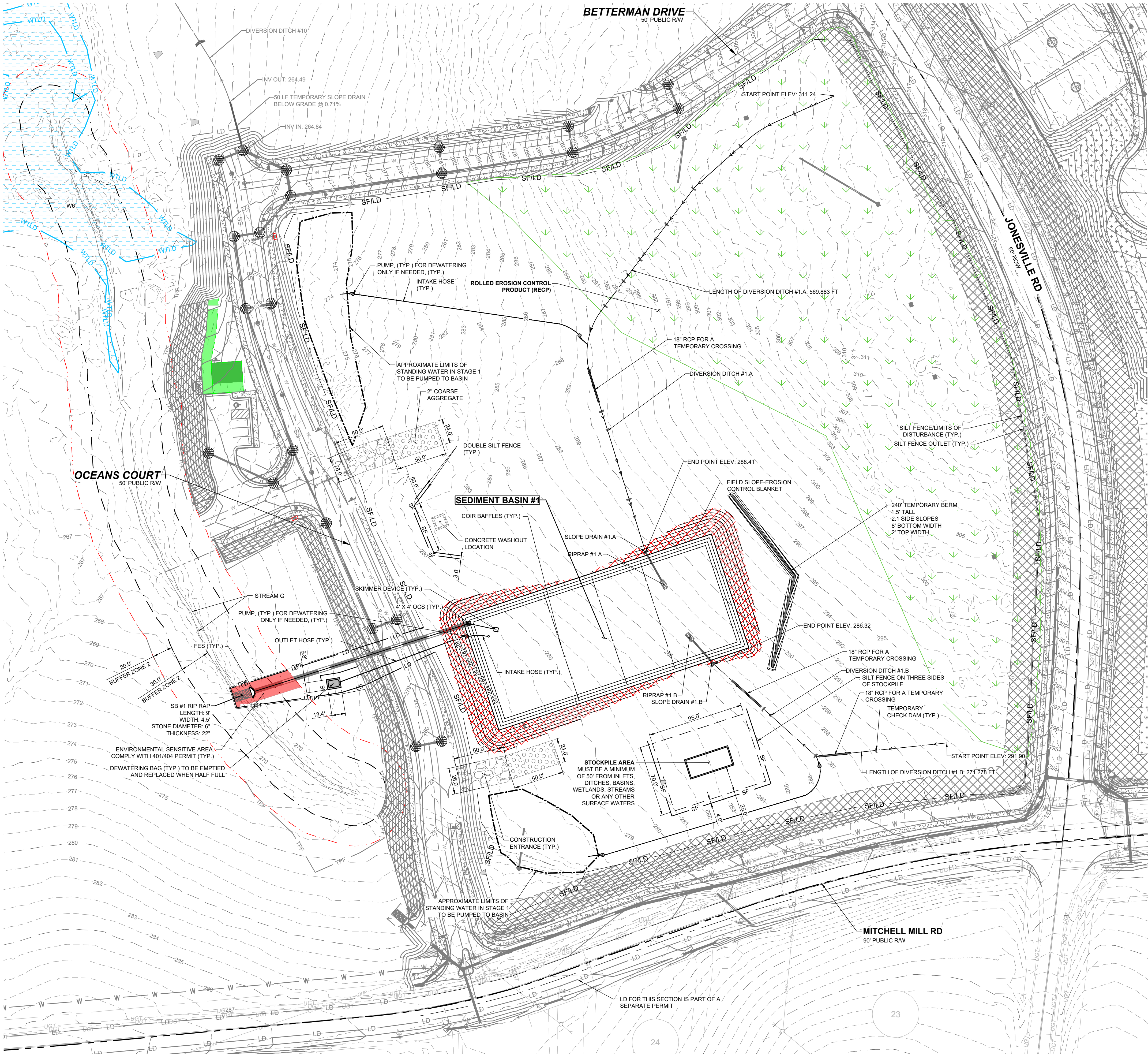
MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS

EROSION CONTROL NOTE

DRAWING
SHEET

C-7.0

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NOTE:

- COMMERCIAL SITE BOUNDARY, ACREAGE: 467,899 SF (10.74 AC)
- EROSION CONTROL NOTES: SEE SHEET C-7.0
- ALL LAND-DISTURBING ACTIVITIES MUST BE PLANNED AND CONDUCTED TO LIMIT THE EXPOSED AREA TO 50 ROLLING ACRES.
- STOCKPILE HEIGHT SHALL NOT EXCEED 35 FEET.



GRAPHIC SCALE



(IN FEET)
1 inch = 50 ft.

THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

CD SUBMITTAL #1	DATE	BY
0		
1	08/27/2025	SRG
2	10/07/2025	SRG
3	03/02/2026	SRG
4	05/01/2026	SRG
5	08/28/2026	SRG

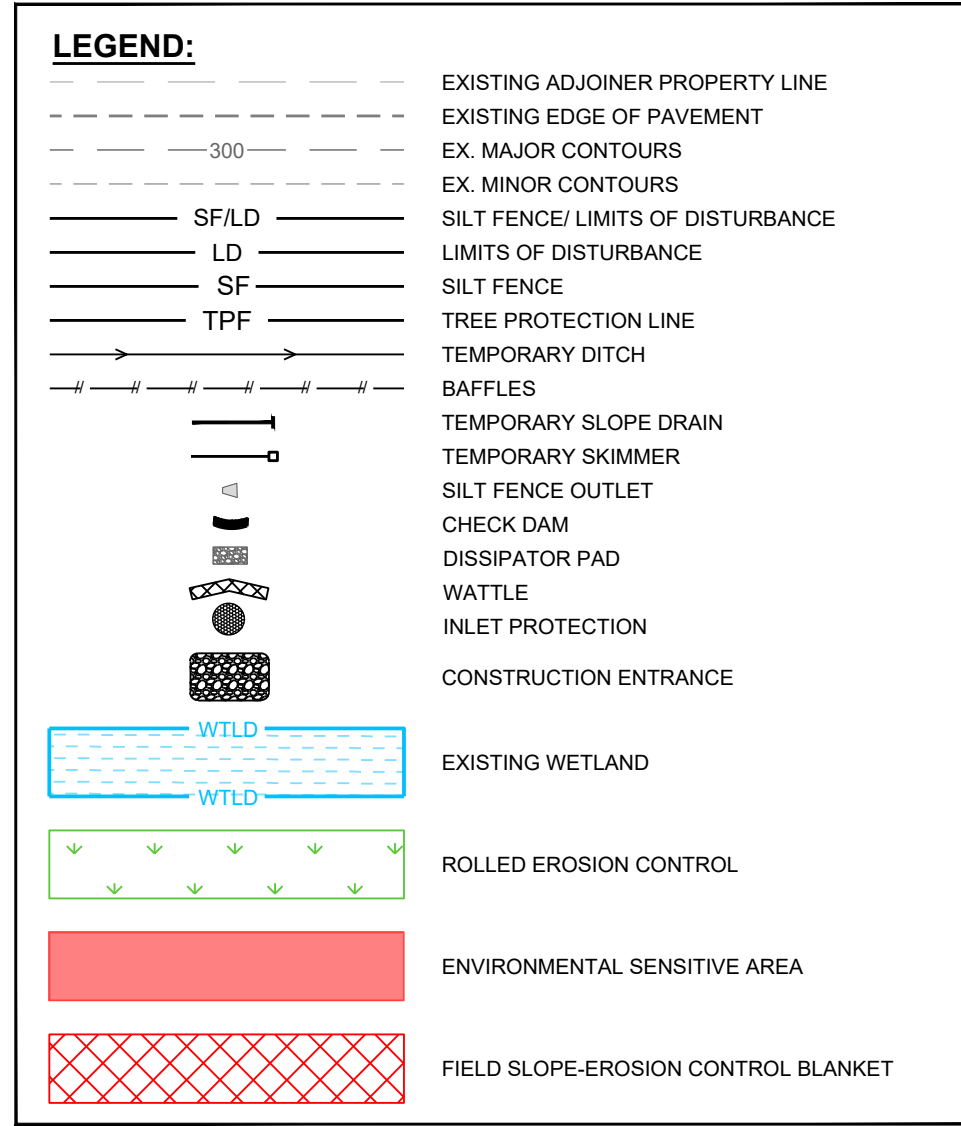


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305 CHURCH AT NORTH HILLS STREET, SUITE 110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

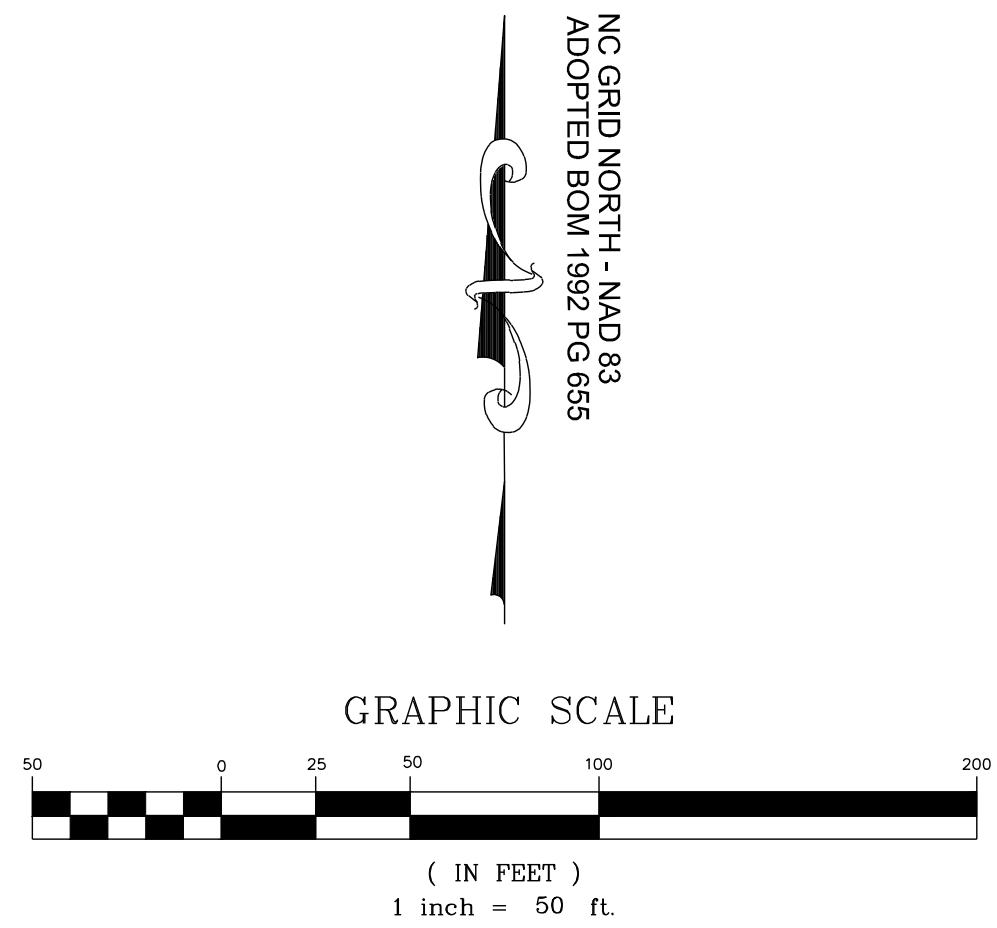
STRONG ROCK PROJECT	SRG
FOR CONSTRUCTION	SRG
SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

MITCHELL MILL MARKET
TOWN OF ROLLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
EROSION CONTROL PLAN -
STAGE 1

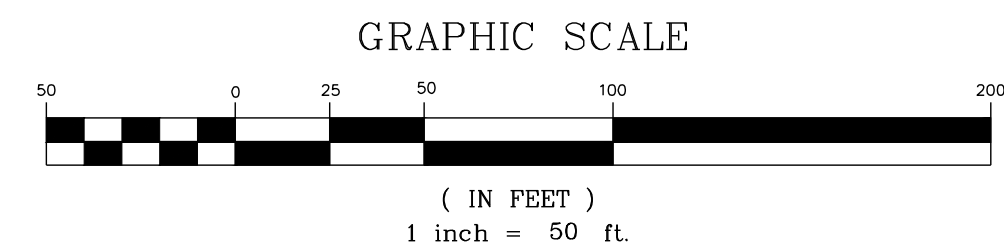
DRAWING SHEET
C-7.1
19 OF 59



1. COMMERCIAL SITE BOUNDARY, ACREAGE: 467,889 SF (10.74 AC)
2. EROSION CONTROL NOTES: SEE SHEET C-7.0
3. ALL LAND-DISTURBING ACTIVITIES MUST BE PLANNED AND CONDUCTED TO LIMIT THE EXPOSED AREA TO 50 ROLLING ACRES.
4. STOCKPILE HEIGHT SHALL NOT EXCEED 35 FEET.



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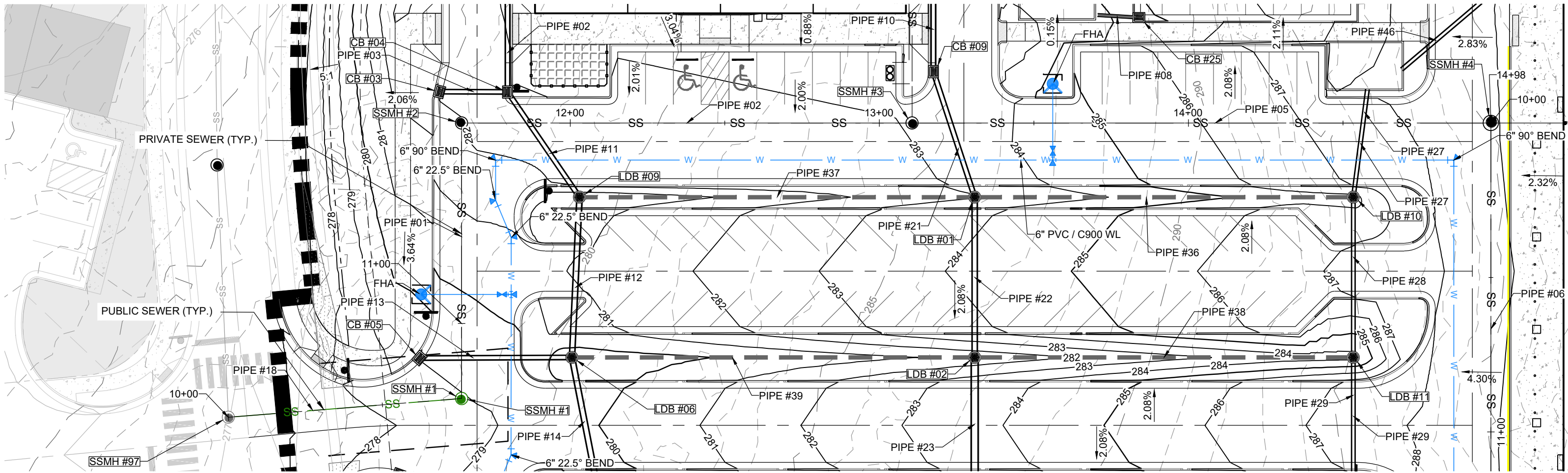


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2. EROSION CONTROL NOTES: SEE SHEET C-7.0
3. ALL LAND-DISTURBING ACTIVITIES MUST BE PLANNED AND CONDUCTED TO LIMIT THE EXPOSED AREA TO 50 ROLLING ACRES.
4. STOCKPILE HEIGHT SHALL NOT EXCEED 35 FEET.

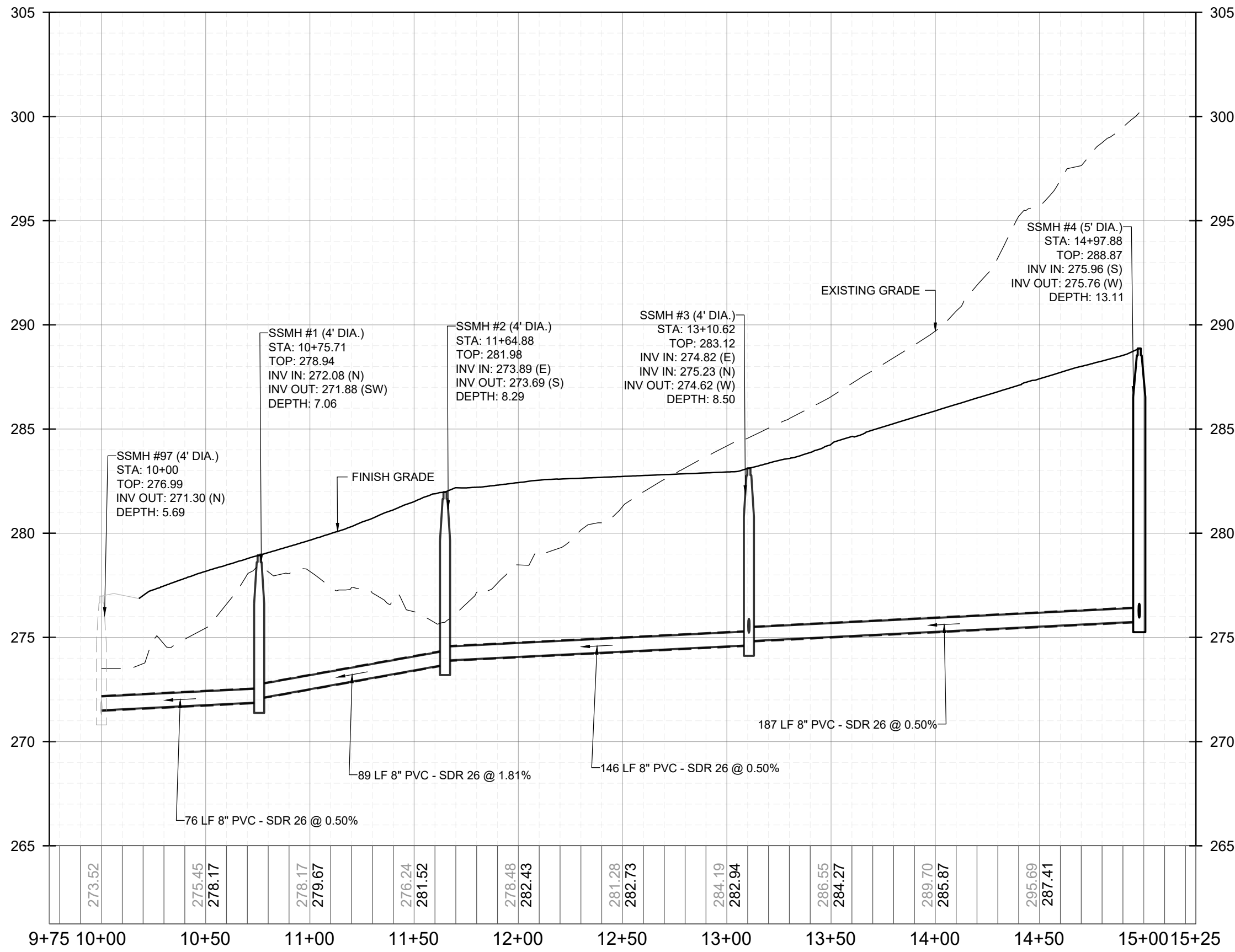
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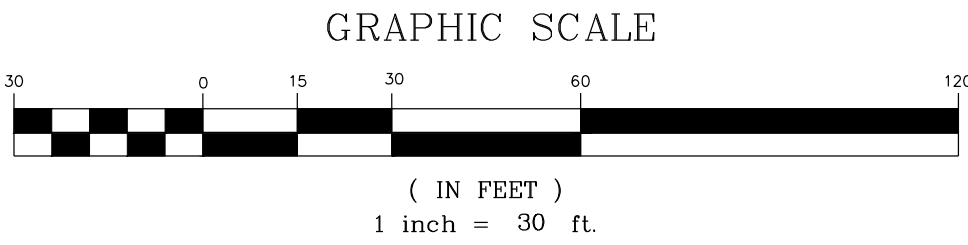
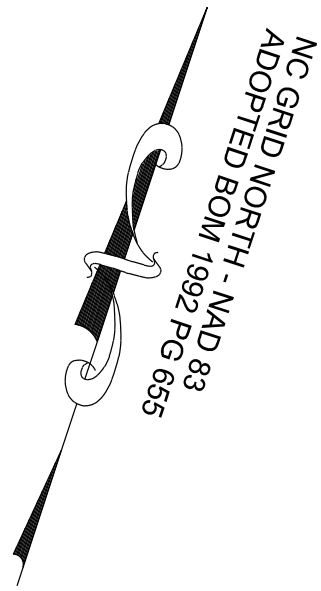
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4	SOP-26-0002 V5	09/29/2026	SREG



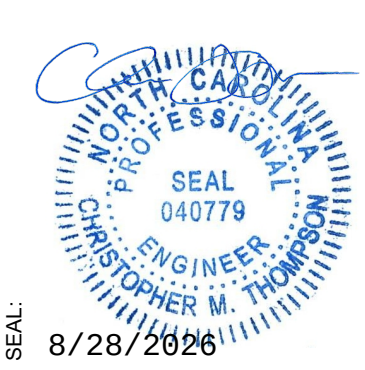
PROPOSED ON-SITE SANITARY SEWER - PLAN
HORIZONTAL: 1" = 30'



PROPOSED ON-SITE SANITARY SEWER - PROFILE
VERTICAL: 1" = 3'
HORIZONTAL: 1" = 30'



0	1	2	3	4					
0	1	2	3	4					
0	1	2	3	4					
0	1	2	3	4					
0	1	2	3	4					
0	1	2	3	4					
0	1	2	3	4					
0	1	2	3	4					
0	1	2	3	4					
0	1	2	3	4					



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ROCK

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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	NOT FOR CONSTRUCTION	SCALE	AS SHOWN	DESIGNED BY	SRG	DRAWN BY	SRG	CHECKED BY	SRG
FSR-23-03									

MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
ON-SITE SANITARY SEWER -
PLAN & PROFILE

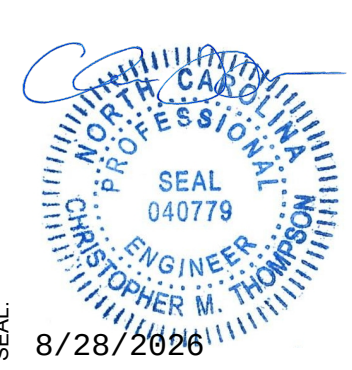
DRAWING
SHEET

C-8.0

22 OF 59

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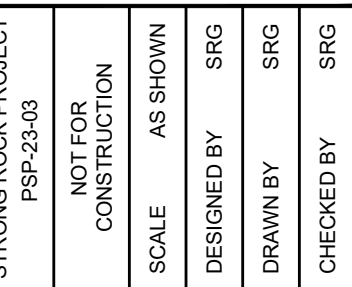
V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 22



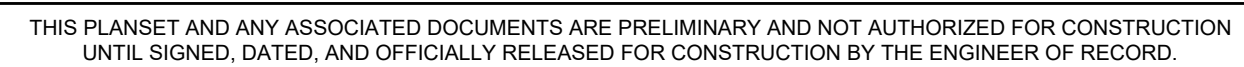
STRONG
**ROCK**

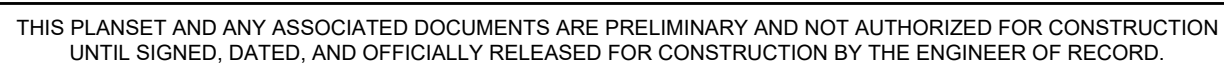
E N G I N E E R I N G G R O U P

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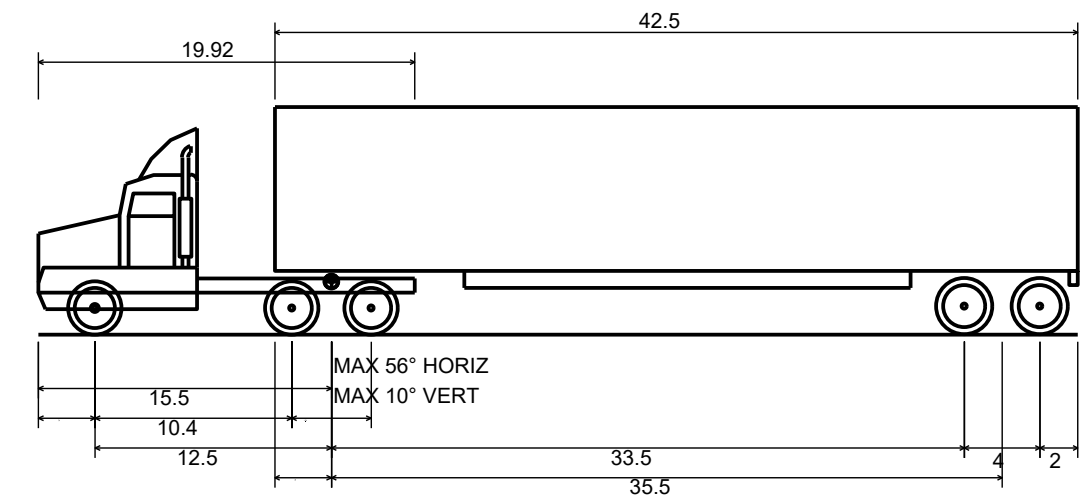
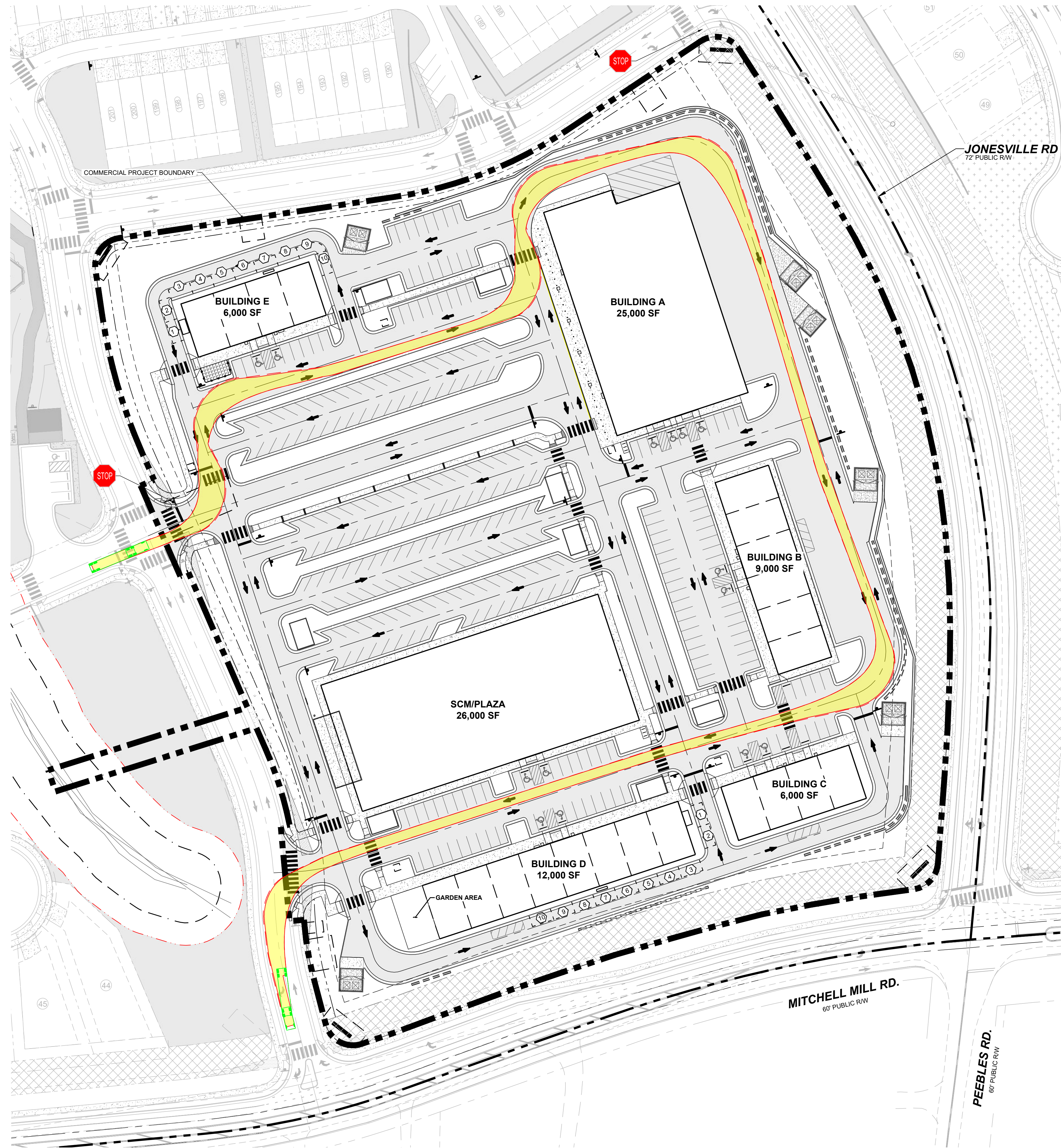


MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
ON-SITE SANITARY SEWER -
PLAN & PROFILE



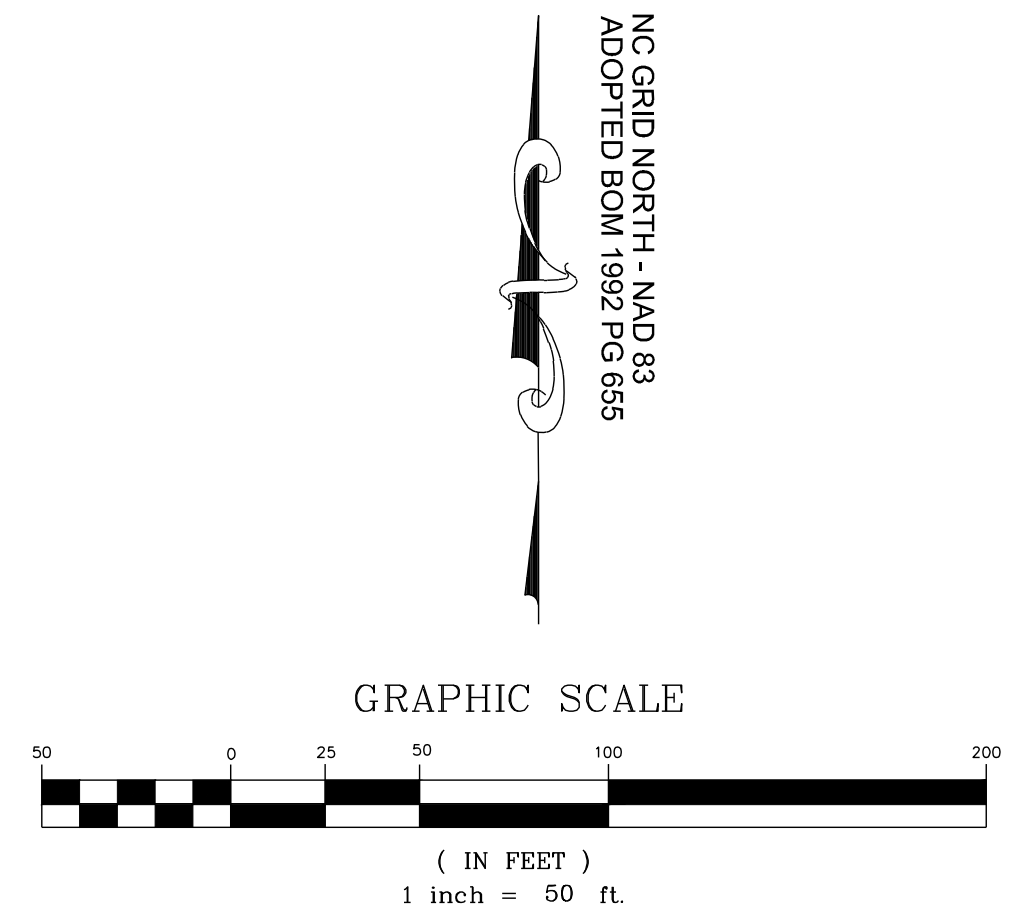
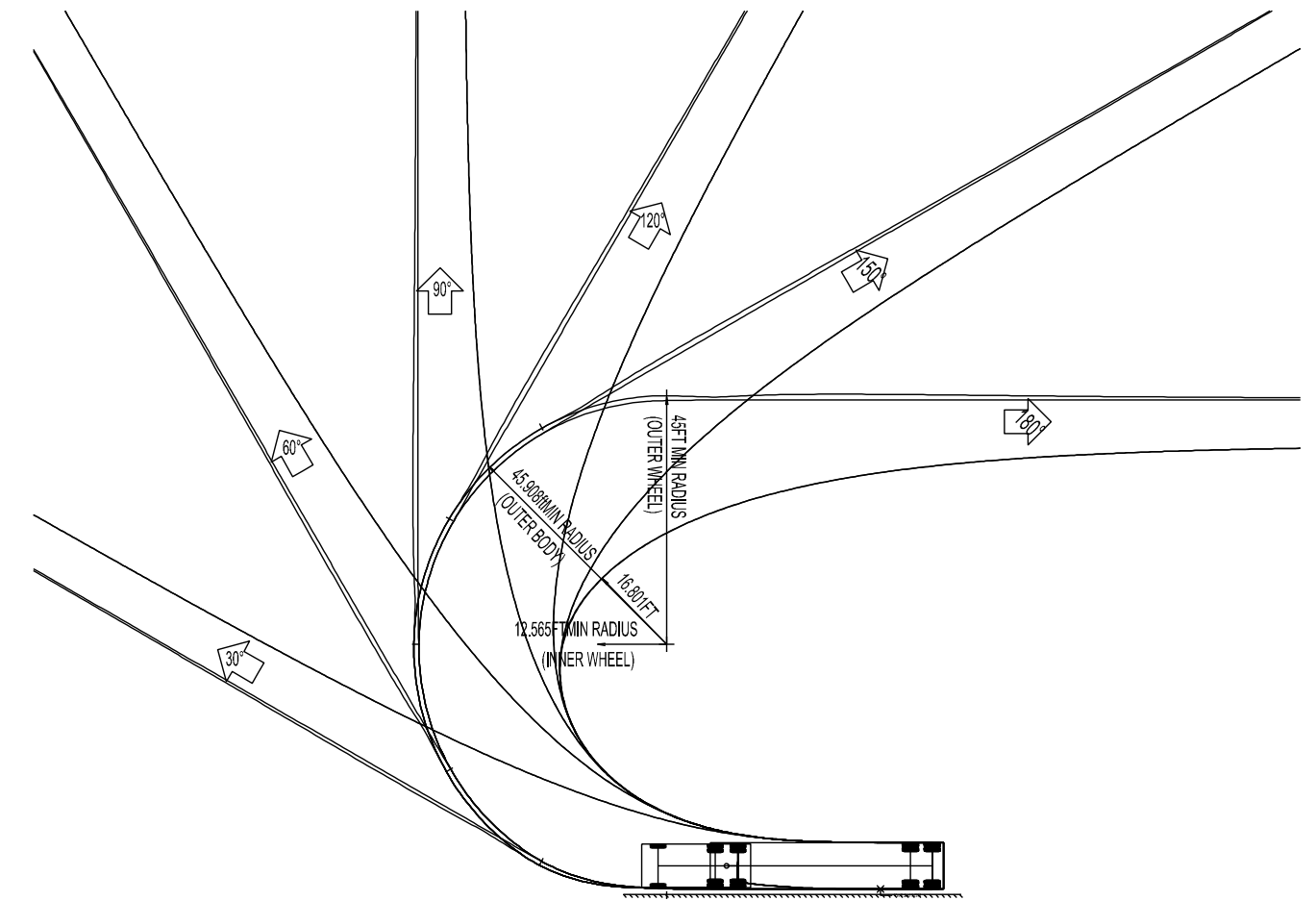


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WB-50 - INTERSTATE SEMI-TRAILER

OVERALL LENGTH	55.000FT
OVERALL WIDTH	8.500FT
OVERAL BODY HEIGHT	12.052FT
MIN BODY GROUND CLEARANCE	1.334FT
MAX TRACK WIDTH	8.500FT
LOCK-TO-LOCK TIME	6.00S
CURB TO CURB TURNING RADIUS	45.000FT



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U	V	QID-25-006 V2	DATE	BY
1	0	CID-25-006 V2	10/01/2023	SREG
2	2	CID-25-006 V3	03/02/2026	SREG
3	3	SDP-25-0002 V4	05/01/2026	SREG
4	4	SDP-25-002 V5	09/28/2026	SREG
No.		REVISIONS	DATE	BY



8/28/2026

STRONG
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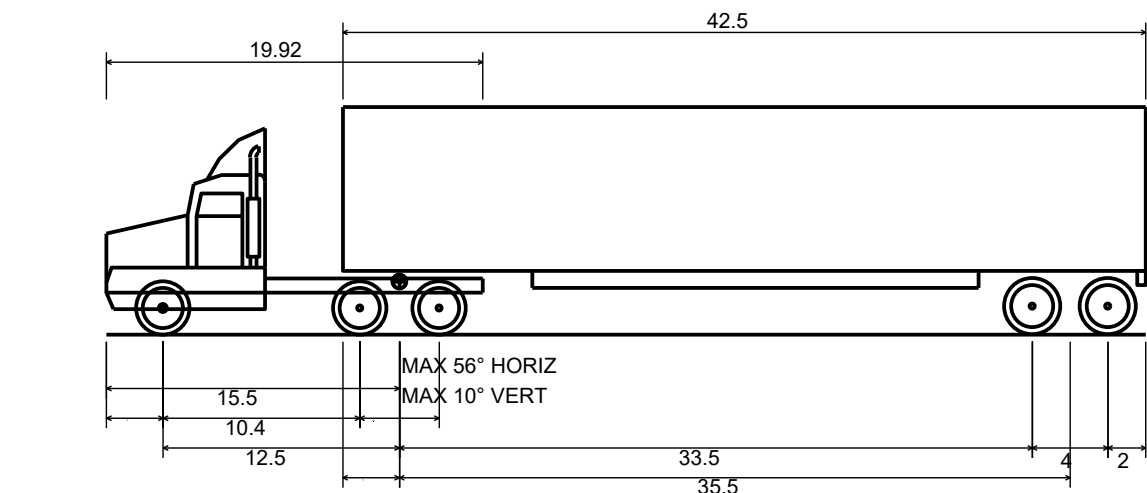
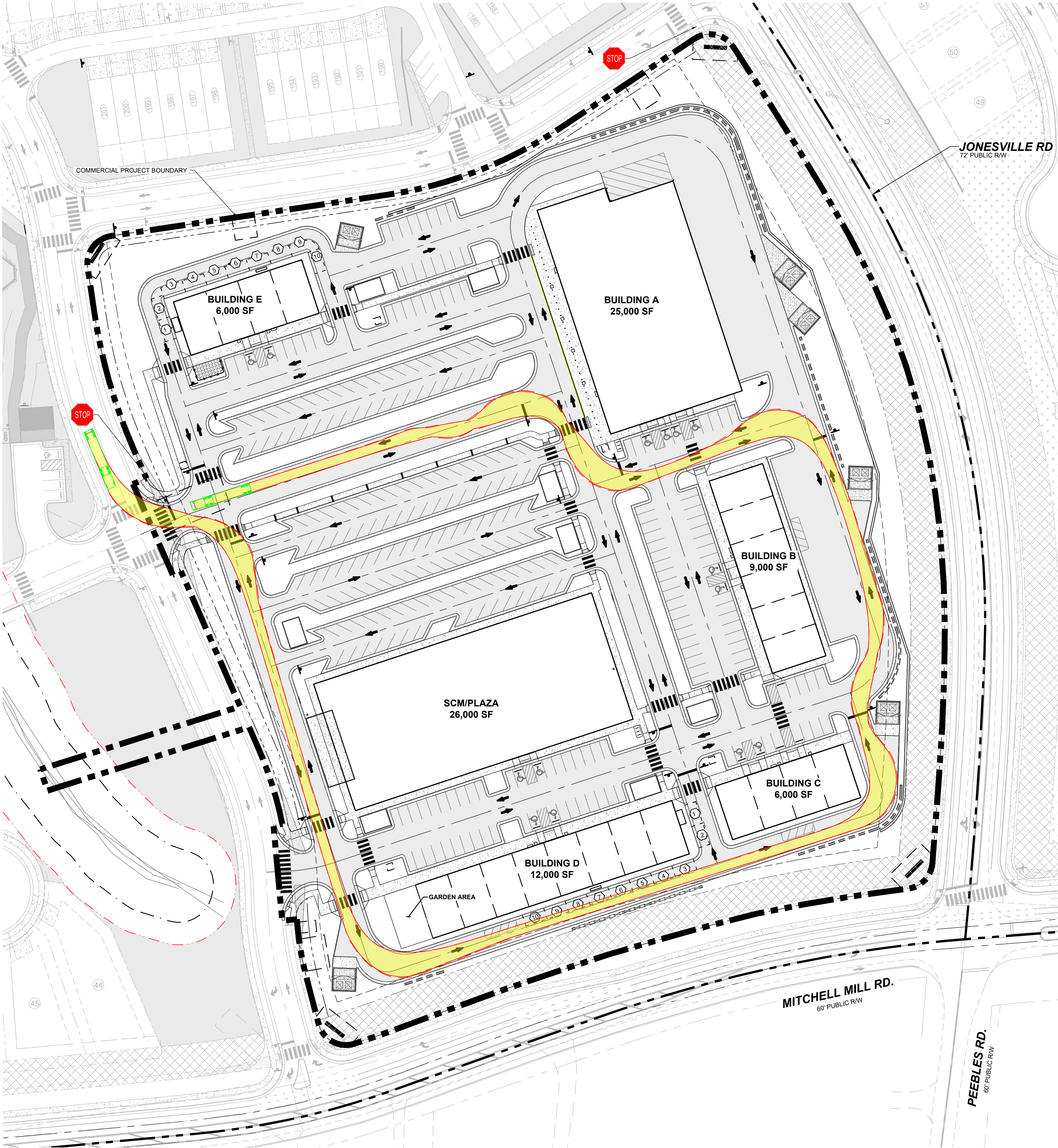
STRONG ROBERT HOGUE	PSP-23-03	NOT FOR CONSTRUCTION	
SCALE	AS SHOWN		
DESIGNED BY	SRG		
DRAWN BY	SRG		
CHECKED BY	SRG		

MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
FIRE TRUCK TURNING PLAN

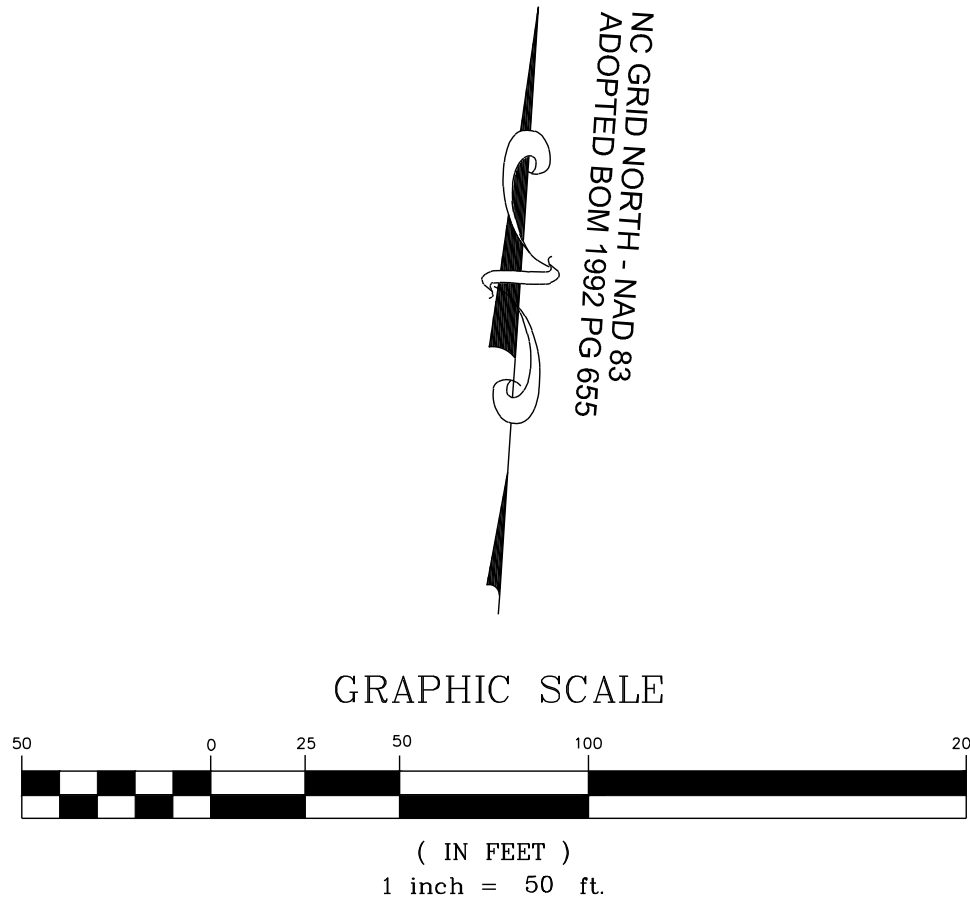
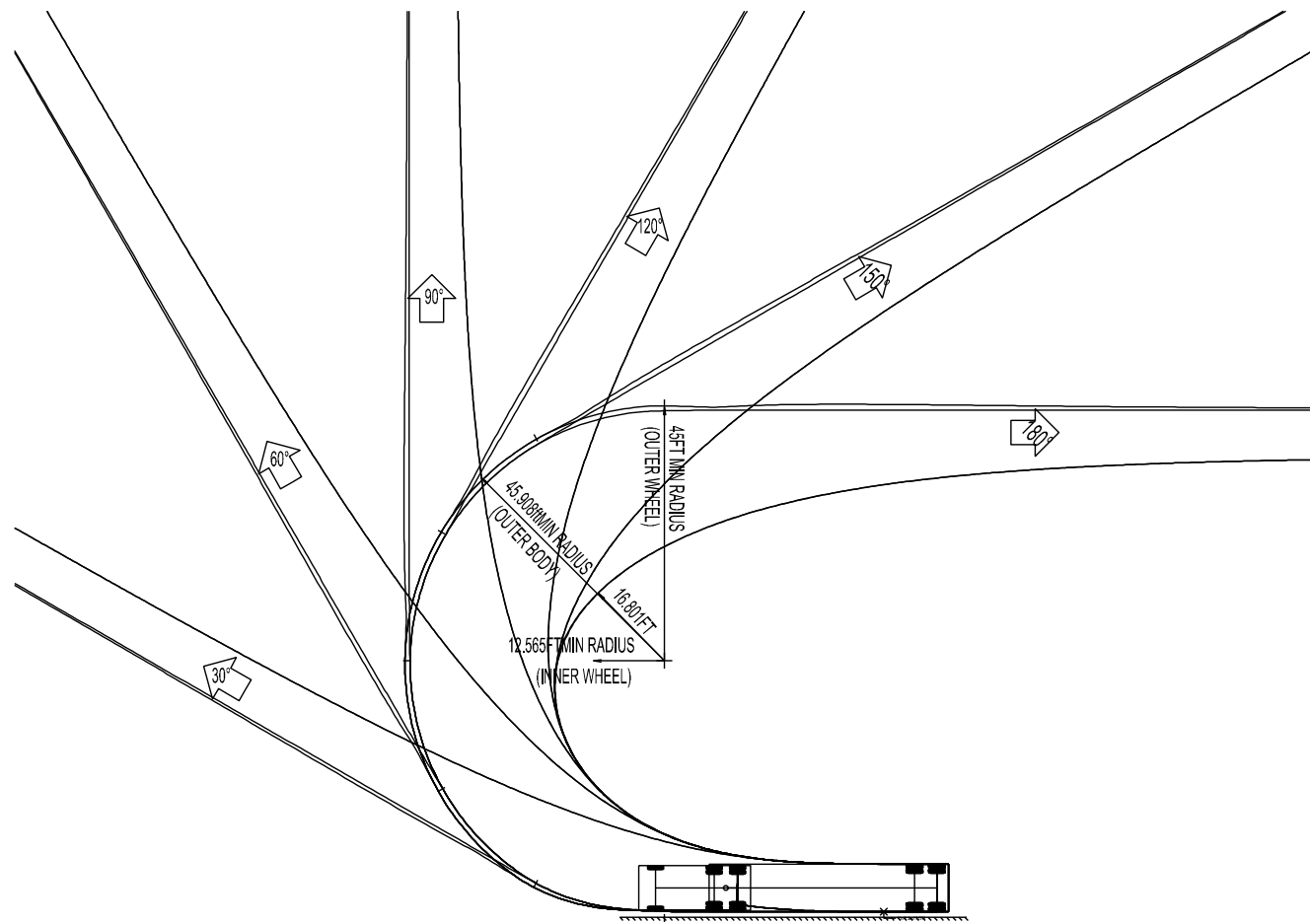
DRAWING
SHEET

C-9.1

25 OF 59

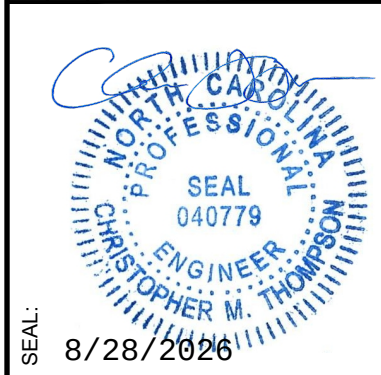


OVERALL LENGTH	55.000FT
OVERALL WIDTH	8.500FT
OVERAL BODY HEIGHT	12.052FT
MIN BODY GROUND CLEARANCE	1.334FT
MAX TRACK WIDTH	8.500FT
LOCK-TO-LOCK TIME	6.00S
CURB TO CURB TURNING RADIUS	45.000FT



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CD SUBMITTAL #1	SPREC	DATE	BY
1	SPREC	08/01/2025	
2	SPREC	10/07/2025	
3	SPREC	03/02/2026	
4	SPREC	05/01/2026	
5	SPREC	08/28/2026	



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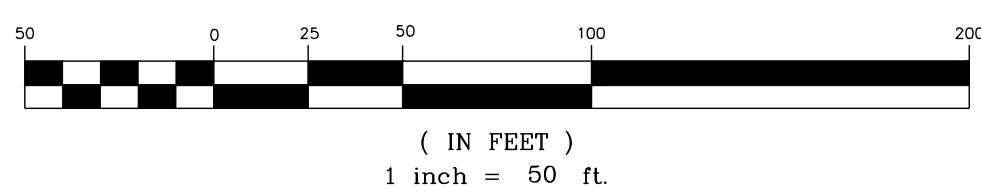
STRONG ROCK PROJECT PSR-23-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY SRG	DRAWN BY SRG	CHECKED BY SRG
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MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
FIRE TRUCK TURNING PLAN

DRAWING
SHEET

C-9.2

26 OF 59



NOTE:
INSTALL ALL PLANTING MATERIALS IN ACCORDANCE WITH ASTM A300 AND Z133
STANDARDS AND IN COMPLIANCE WITH TOWN OF ROLESVILLE REQUIREMENTS.

LIGHTING LEGEND			
SYMBOL	STYLE	DESCRIPTION	NOTE
	TOWN AND COUNTRY (4L)	EVOLVE EPTT TOWN & COUNTRY LED POST TOP EPTT02_0AAAS0-120-27V	15' MOUNTING HEIGHT
	TOWN AND COUNTRY (7L)	EVOLVE EPTT TOWN & COUNTRY LED POST TOP EPTT02_07AAAS0-120-27V	12' MOUNTING HEIGHT
	COPPERHEAD	EVOLVE EACL SERIES LED AREA LIGHT / COMPACT LOW WATTAGE EACL01_0AAAF750	15' MOUNTING HEIGHT
	BOLLARD	US ARCHITECTURAL LIGHTING BDA BOLLARD SERIES - LED BDA6-PR-12LED-350MA-50K	42" HEIGHT

STRONG  **ROCK**
E N G I N E E R I N G G R O U P

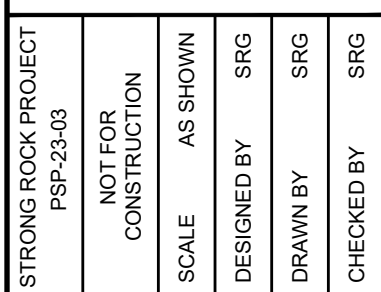
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2168
3035 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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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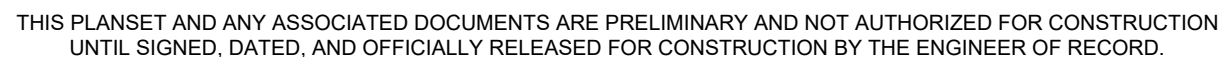
MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
PARKING LOT TREES AND
SCREENING BUFFER

DRAWING
SHEET

L-1.0



28 OF 59



CODE square planter

ACCEPTOR 110

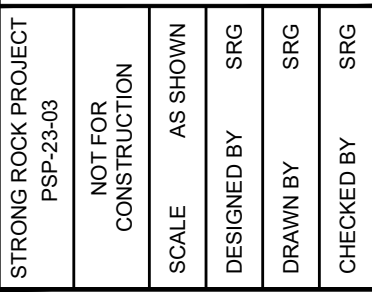
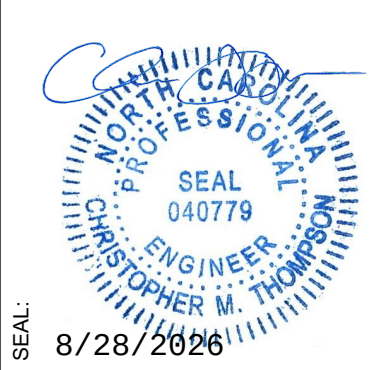
FORUM bicycle rack

VROOM modules



**SECURE SITE
DESIGN™ L.L.C.**
(a VICTOR STANLEY, INC. affiliate)

SUPERIOR
ALUMINUM PRODUCTS



V5-SDP-26-0002 Mitchell Mill Market.pdf · Page 30

LIGHTING LEGEND				
SYMBOL	STYLE	QUANTITY	DESCRIPTION	NOTES
	TOWN AND COUNTRY (4L)	30	EVOLVE EPTT TOWN & COUNTRY LED POST TOP EPTT02_04AN50 -120-277V	15' MOUNTING HEIGHT
	TOWN AND COUNTRY (7L)	32	EVOLVE EPTT TOWN & COUNTRY LED POST TOP EPTT02_07AA50 -120-277V	12' MOUNTING HEIGHT
	COPPERHEAD	14	EVOLVE EACL SERIES LED AREA LIGHT / COMPACT LOW WATTAGE EACL01_D4AF750	15' MOUNTING HEIGHT
	BOLLARD	21	US ARCHITECTURAL LIGHTING BDA BOLLARD SERIES - LED BDA6-PR-12LED-350mA-50K	42" HEIGHT
	SIGN LIGHT	3	SUPERIOR LIGHTING OUTDOOR SIGN LIGHTS - LED LOSL-2FT-50W-50K-BL	GROUND MOUNT POINTING UP @ 45°



9

8/28/2026

Engineer



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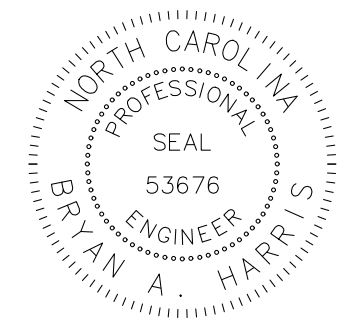
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(919) 996-9455

NORTH CAROLINA
PROFESSIONAL
SEAL
53676
ENGINEER
CHRISTOPHER M. THOMAS

LIGHTING LEGEND				
SYMBOL	STYLE	QUANTITY	DESCRIPTION	NOTES
	TOWN AND COUNTRY (4L)	30	EVOLVE EPTT TOWN & COUNTRY LED POST TOP EPTT02_04AN50 -120-277V	15' MOUNTING HEIGHT
	TOWN AND COUNTRY (7L)	32	EVOLVE EPTT TOWN & COUNTRY LED POST TOP EPTT02_07AA50 -120-277V	12' MOUNTING HEIGHT
	COPPERHEAD	14	EVOLVE EAEL SERIES LED AREA LIGHT / COMPACT LOW WATTAGE EAEL01_D4AF750	15' MOUNTING HEIGHT
	BOLLARD	21	US ARCHITECTURAL LIGHTING BDA BOLLARD SERIES - LED BDA6-PR-12LED-350mA-50K	42" HEIGHT
	SIGN LIGHT	3	SUPERIOR LIGHTING OUTDOOR SIGN LIGHTS - LED LOSL-2FT-50W-50K-BL	GROUND MOUNT POINTING UP @ 45°



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Evolve®



CUSTOMER NAME

PROJECT NAME

DATE

TYPE

CATALOG NUMBER

The Evolve® LED Post Top Town & Country (EPTT) offers energy efficiency and quality of light in a classic look and style. The advanced LED optical system provides improved horizontal and vertical uniformity, reduced glare and improved lighting control.

Construction

Housing:

Die-cast aluminum housing with traditional lantern design. Cupola compatible with C136.41-2010 PE's, Shorting Caps and LightGrid Nodes

Refractors:

Acrylic, Polycarbonate, None/Open

Lens:

Impact resistant UV resistant polymer

Paint:

Corrosion resistant polyester powder paint, minimum 2.0 mil thickness

Weight:

14 ~ 18 lbs (6.2 ~ 8 kg)

Optical System

Lumens:

2,070-7,970

Distribution:

Symmetric Asymmetric

Efficacy:

72-130

CCT:

2700K, 3000K, 4000K, 5000K

CRI (Min):

≥70

Electrical

Input Voltage:

120-277V

Input Frequency:

50/60Hz

Power Factor:

≥ 90% at rated watts

Total Harmonic Distortion:

≤ 20% at rated watts

Surge Protection*

STANDARD

OPTIONAL

10kV/5kA

Secondary 10kV/5kA (R Option)

*Per ANSI C136.2-2015

Lumen Maintenance

Projected Lxx per IES TM-21-11 at 25°C

DISTRIBUTION

25,000 HR

50,000 HR

60,000 HR

LXX(H0K) @ HOURS

L99

L98

L98

Note:

Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted industry tolerances apply to initial lumens flux and lumen maintenance measurements.

Ambient Temperature Factor

AMBIENT TEMP (°C)

INITIAL FLUX FACTOR

AMBIENT TEMP (°C)

INITIAL FLUX FACTOR

10

1.02

30

0.99

20

1.01

40

0.98

25

1.00

50

0.97

Ratings

Operating Temperature:

-40°C to 50°C (Optical Code 02-06)

Vibration:

3G per ANSI C136.31-2010

LM-79:

Testing in accordance with IES Standards

Controls

Dimming:

Standard - 0-10V

Optional - DALI (Option U)

Sensors:

Photo Electric Sensors (PE) available

LightGrid™ Compatible

Warranty

5 Year (Standard)

10 Year (Optional)

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LED.com

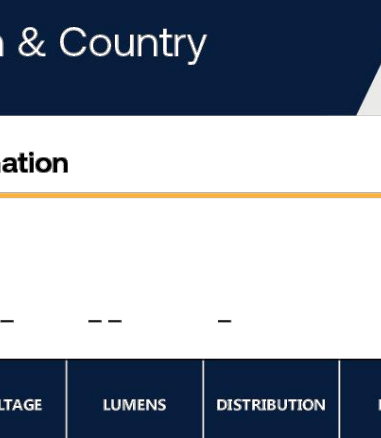
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CLP220EVOUEPTTGEN02LEDTOWNANDCOUNTRY_R05

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Rev 04/28/25

Evolve®



CUSTOMER NAME

PROJECT NAME

DATE

TYPE

CATALOG NUMBER

Ordering Information

EPTT 02

PROD. ID

GEN

VOLTAGE

LUMENS

DISTRIBUTION

REFRACTOR

CCT

CONTROLS PER ANSI C136.31

MOUNTING

COLOR

OPTIONS

E = Exile

02 = 0-120-277V

02 = 2000 lm

A = Symmetric

A = Acrylic

27 = 2700K

A = ANSI C136.41 7-Prv PE Receptacle

P = Pole Mounted

BLOCK = Black Entry

L = Tool-Less Entry

P = Post Top

03 = 3000 lm

B = Asymmetric

P = Polycarbonate

30 = 3000K

D = ANSI C136.41 7-Prv PE Receptacle w/ Shorting Cap

DKBZ = Dark Bronze

POG = Pre-wire with 6 ft of 14G Cable

TT = Town & Country Trademark

04 = 4000 lm

N = None

40 = 4000K

E = ANSI C136.41 7-Prv PE Receptacle w/ non Dimming PE

05 = 5000 lm

50 = 5000K

06 = 6000 lm

07 = 7000 lm

U = DALI Programmable

Y = Coastal Finish

XXX = Special Options

* Select for IES Approved Units

* Compatible with LightGrid™ Nodes

* Recommended for installations within 750 feet of coast. Lead time varies, check with factory.

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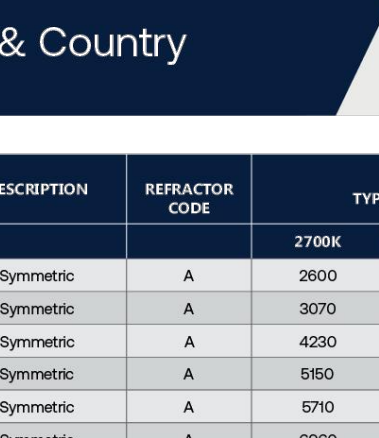
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CLP220EVOUEPTTGEN02LEDTOWNANDCOUNTRY_R05

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Evolve®



CUSTOMER NAME

PROJECT NAME

DATE

TYPE

CATALOG NUMBER

LUMEN OUTPUT	DIST CODE	DESCRIPTION	REFRACTOR CODE	TYPICAL INITIAL LUMENS			WATTAGE	BUG RATINGS		
				2700K	3000K	4000K/5000K		2700K	3000K	4000K/5000K
02	A	Symmetric	A	2900	2910	2930	25	B1-U3-G2	B1-U3-G2	B1-U3-G2
03	A	Symmetric	A	3070	3330	3450	29	B2-U3-G2	B2-U3-G2	B2-U3-G2
04	A	Symmetric	A	4230	4560	4760	41	B2-U3-G2	B2-U3-G2	B2-U3-G2
05	A	Symmetric	A	5160	5560	5790	50	B2-U3-G2	B2-U3-G2	B2-U4-G3
06	A	Symmetric	A	5710	6160	6410	56	B2-U4-G3	B2-U4-G3	B3-U4-G3
07	A	Symmetric	A	6960	7500	7820	72	B3-U4-G3	B3-U4-G3	B3-U4-G3
02	B	Asymmetric	A	2430	2630	2730	25	B1-U3-G2	B1-U3-G2	B1-U3-G2
03	B	Asymmetric	A	2870	3000	3220	29	B1-U3-G2	B1-U3-G2	B1-U3-G2
04	B	Asymmetric	A	3950	4270	4440	41	B1-U3-G2	B1-U3-G2	B1-U3-G2
05	B	Asymmetric	A	4810	5160	5410	50	B1-U4-G3	B2-U4-G3	B2-U4-G3
06	B	Asymmetric	A	5330	5710	5990	56	B2-U4-G3	B2-U4-G3	B2-U4-G3
07	B	Asymmetric	A	6500	7010	7300	72	B2-U4-G3	B2-U4-G3	B2-U4-G3
02	A	Symmetric	P	2070	2230	2330	25	B1-U3-G1	B1-U3-G1	B1-U3-G1
03	A	Symmetric	P	2440	2630	2740	29	B1-U3-G1	B1-U3-G2	B1-U3-G2
04	A	Symmetric	P	3370	3630	3780	41	B2-U3-G2	B2-U3-G2	B2-U3-G2
05	A	Symmetric	P	4100	4420	4600	50	B2-U3-G2	B2-U4-G2	B2-U4-G2
06	A	Symmetric	P	4540	4900	5100	56	B2-U4-G2	B2-U4-G2	B2-U4-G2
07	A	Symmetric	P	5530	5970	6220	72	B2-U4-G3	B2-U4-G3	B3-U4-G3
02	B	Asymmetric	P	1930	2090	2170	25	B1-U3-G2	B1-U3-G1	B1-U3-G2
03	B	Asymmetric	P	2280	2460	2560	29	B1-U3-G2	B1-U3-G2	B1-U3-G2
04	B	Asymmetric	P	3440	3680	3830	41	B1-U3-G2	B1-U3-G2	B1-U3-G2
05	B	Asymmetric	P	3830	4100	4300	50	B1-U3-G2	B1-U4-G3	B1-U4-G3
06	B	Asymmetric	P	4240	4590	4770	56	B1-U4-G3	B1-U4-G3	B2-U4-G3
07	B	Asymmetric	P	5170	5590	5810	72	B2-U4-G3	B2-U4-G3	B2-U4-G3
02	A	Symmetric	N	2840	3070	3190	25	B2-U0-G1	B2-U0-G1	B2-U0-G1
03	A	Symmetric	N	3360	3620	3770	29	B2-U0-G1	B2-U0-G1	B2-U0-G1
04	A	Symmetric	N	4620	4980	5160	41	B2-U0-G1	B3-U0-G1	B3-U0-G1
05	A	Symmetric	N	5620	6070	6320	50	B3-U0-G1	B3-U0-G1	B3-U0-G1
06	A	Symmetric	N	6230	6720	7000	56	B3-U0-G1	B3-U0-G1	B3-U0-G1
07	A	Symmetric	N	7580	8190	8530	72	B3-U0-G1	B3-U0-G1	B3-U0-G1
02	B	Asymmetric	N	2060	2270	2380	25	B1-U0-G1	B1-U0-G1	B1-U0-G1
03	B	Asymmetric	N	2350	2590	2690	29	B1-U0-G1	B1-U0-G1	B1-U0-G1
04	B	Asymmetric	N	4300	4660	4860	41	B1-U0-G1	B1-U0-G1	B1-U0-G2
05	B	Asymmetric	N	5250	5670	5900	50	B1-U0-G2	B1-U0-G2	B1-U0-G2
06	B	Asymmetric	N	5820	6290	6540	56	B1-U0-G2	B1-U0-G2	B2-U0-G2
07	B	Asymmetric	N	7090	7650	7970	72	B2-U0-G2	B2-U0-G2	B2-U0-G2

For additional information on EPTT IES files, please refer to LED.com

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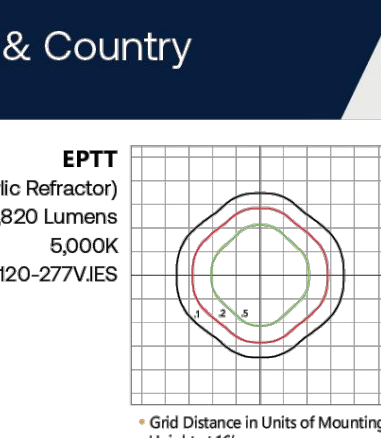
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Rev 04/28/25

Evolve®



CUSTOMER NAME

PROJECT NAME

DATE

TYPE

CATALOG NUMBER

EPTT Symmetric (Acrylic Refractor)

7,820 Lumens

5,000K

EPTT02_07AA60_-120-277VIES

Grid Distance in Units of Mounting Height at 16'

Initial Footcandle Values at Grade

Vertical plane through horizontal angle of Max. Cd at 90°

Horizontal cone through vertical angle of Max. Cd at 50°

EPTT Asymmetric (Acrylic Refractor)

7,300 Lumens

5,000K

EPTT02_07BA50_-120-277VIES

Grid Distance in Units of Mounting Height at 16'

Initial Footcandle Values at Grade

Vertical plane through horizontal angle of Max. Cd at 75°

Horizontal cone through vertical angle of Max. Cd at 69°

EPTT Symmetric (No Refractor)

8,530 Lumens

5,000K

EPTT02_07AN50_-120-277VIES

Grid Distance in Units of Mounting Height at 16'

Initial Footcandle Values at Grade

Vertical plane through horizontal angle of Max. Cd at 5°

Horizontal cone through vertical angle of Max. Cd at 62°

EPTT Asymmetric (No Refractor)

7,970 Lumens

5,000K

EPTT02_07BN50_-120-277VIES

Grid Distance in Units of Mounting Height at 16'

Initial Footcandle Values at Grade

Vertical plane through horizontal angle of Max. Cd at 70°

Horizontal cone through vertical angle of Max. Cd at 77°

EPTT Symmetric (Poly Refractor)

8,220 Lumens

5,000K

EPTT02_07AP50_-120-277VIES

Grid Distance in Units of Mounting Height at 16'

Initial Footcandle Values at Grade

Vertical plane through horizontal angle of Max. Cd at 80°

Horizontal cone through vertical angle of Max. Cd at 60°

EPTT Asymmetric (Poly Refractor)

8,810 Lumens

5,000K

EPTT02_07BP50_-120-277VIES

Grid Distance in Units of Mounting Height at 16'

Initial Footcandle Values at Grade

Vertical plane through horizontal angle of Max. Cd at 75°

Horizontal cone through vertical angle of Max. Cd at 77°

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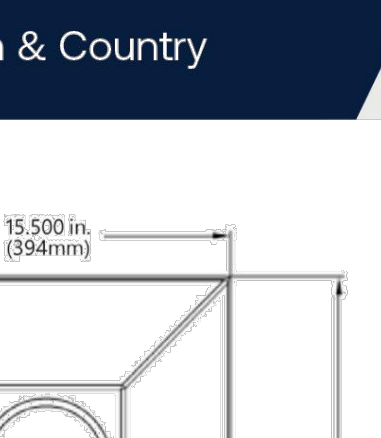
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CUSTOMER NAME

PROJECT NAME

DATE

TYPE

CATALOG NUMBER

TOP VIEW

15,500 in. (394mm)

15,500 in. (394mm)

SIDE VIEW

24,650 in. (626 mm)

3,000 in (76 mm) MAX POLE OD

2,375 in (60 mm) MIN POLE OD

2,500 in (64 mm)

3/8-16 x 1 1/4" Head Set Screws (3)

Visible on open bottom

Mounting

Mounts to 2-3/8 to 3-inch (60-76mm) OD vertical tenon

Suggested Mounting Height = 8-18 ft. (2.5 - 5.5M)

Effective Projected Area

1.6 sq. ft. max (0.15 sq M max)

Weight

14 lbs (8.2 kg) - 18 lbs (8 kgs)

EPTT House Side Shields

PART NUMBER

DESCRIPTION

LSPX-TT

Perforated Shield for Open Sided or Refractor Designs

LSSX-TT

Solid "Black" Shield for Open Sided or Refractor Designs

Network Lighting Controls

Current's LightGrid™ Outdoor Lighting Control System is designed for Street and Roadway Applications. It enables remote monitoring, control, and asset management of a single fixture or a group of fixtures through a web enabled Central Management System.

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Evolve®



CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

EACL® Series

LED Area Light/Compact Low Wattage

Current's EAL Series of Area Light Luminaires offer a wide range of optical patterns, color temperatures, lumen packages, and mounting configurations to optimize area light applications, as well as provide versatility in lighting design within the same form factor.

Construction

Housing:

Die-cast aluminum housing with integral heat sink for maximum heat transfer

Corrosion resistant polyester powder paint, minimum 2.0 mil thickness

Paint:

Standard = Black, Dark Bronze Gray, White (RAL & custom colors available)

Optional coastal finish available

Weight:

18 lbs (8.16 kg) Max depending on configuration

Optical System

Lumens:

2,900 - 20,400

Distribution:

Asymmetric Forward Type IV

Asymmetric Wide Type III

Asymmetric Narrow/Auto Type II

Efficacy:

123 - 143 LPW

CCT:

3000K, 4000K, 5000K

CRI:

>70

Electrical

Input Voltage:

120-277V & 347-480V

Input Frequency:

60/50Hz

Power Factor:

> 90% at rated watts

Total Harmonic Distortion:

< 20% at rated watts

Surge Protection*

Typical

Enhanced

6kV/3kA*

10kV/5kA*

Warranty

5 Year (Standard)

*Per ANSI C136.2-2015

Lumen Maintenance

Projected Lxx per IES TM-21-11 at 25°C

LUMEN CODES

25,000 HR

50,000 HR

90,000 HR

A2, A3, A4, B2, B3, B4, C2, C3, C4D2, D3, D4, E2, E3, E4, F2, F3, F4

H2,H3,H4

L94

L90

L88

L57

L96

L96

Note: Projected Lxx based on LM80 (> 10,000 hour testing). Accepted industry tolerances apply to initial luminous flux and lumen maintenance measurements.

Luminaire Ambient Temperature Factor

AMBIENT TEMP (°C)

INITIAL FLUX FACTOR

AMBIENT TEMP (°C)

INITIAL FLUX FACTOR

10

1.02

30

0.99

20

1.01

40

0.98

25

1.00

50

0.97

Ratings

Operating Temperature:

-40°C to 50°C

Vibration:

3G vibration per ANSI C136.31-2018

LM-79:

Testing in accordance with IESNA Standards

Controls

Dimming:

Standard - 0-10V

Optional - DALI (Option U)

Sensors:

Photo Electric Sensors (PE) available

LightGrid™ and Daintree Compatible

Current®

LED.com

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OUP3857-Evolve-LED-Area-Lighting-EACL-Spec-Sheet_R03

Evolve®



CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

EACL® Series

LED Area Light/Compact Low Wattage

Ordering Information

EACL 01

7

PROD. ID

QEN

VOLTAGE

OPTIC CODE

DISTRIBUTION

CRI (Min)

CCT

DIMMING*

CONTROLS

MOUNTING ARM

COLOR

OPTIONS

E = Evolve

Q1

120-277V

Ax=3000lm

AW = Asymmetric Forward

AW = Asymmetric Wide

AW = Asymmetric Narrow/Auto

2 = 70

30 = 3000K

N = Dimming

Str=PE

receptacle

D = External

Dimming

N/C=No Cable

X = No External

Dimming Leads

E = ANSI

C136.41

7-pin

with Non

Dimming PE

Control*

1 = Home

A = ANSI

7-pin

PE receptacle

(no control)

D = ANSI

7-pin

PE receptacle

with shunting

cap provided

E = ANSI

C136.41

7-pin

with Non

Dimming PE

Control*

C1 = Integral

Slipfitter

for 1/2" - 2" Pipe

(OD Min. OD - 2.376 in. OD)

D1 = Universal

Mounting Arm

fixed for round or square

pole mounting*

K1 = Knuckle

Slipfitter

for 1/2" - 2 3/8"

OD Taper K*

V1 = Knuckle

Wall Mount K*

GRAY = Gray

BLCK = Black

BLCK = Black

BLCK = Black

H1 = Motion

Sensor

w/ LightGrid™

H2 = Motion

Sensor

(Dimming F)

H4 = Motion

Sensor

(Wallstopper) F

J = eUL

Canalok

L = Tool-Less

Entry

R = Enhanced

Ramp

Protection

(DAV/SA)

U = DALI

dimming*

V = 0-10V

dimming

Terminal

Block

Y = Coastal

Finish*

XXX = Special

Options

* Not Available with Fusing, Must Choose a Discrete Voltage with "F" Option Code

* Note: Standard Dimming is 0-10V

* PE Control only available for 120-277V, 347V or 480V Discrete Voltage.

* Supplied with 3ft leads

* Supplied with 16ft B Cable

* Restricted Aiming Angle of 0-45°

* Compatible with LightGrid™ Wireless Control Nodes, Not Compatible with Motion Sensor Control

* H2 Sensor is not available in High Voltage (347V, 480V or 347-480V)

* Recommended for installations within 750 feet from coast. Lead time varies, check with factory.

* Select 3000K CCT for IES approved fixtures.

* Fusing not available with the following options: optical codes AX, BX, voltage options 347V, 480V

* For optical codes AX or BX only available in 120-277V, not available with fusing, terminal block, or B usage

* Not available in Ax, Bx, or Cx optic codes.

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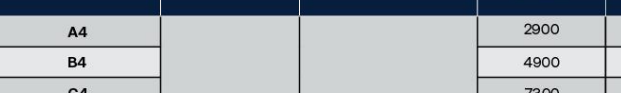
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OUP3857-Evolve-LED-Area-Lighting-EACL-Spec-Sheet_R03

Evolve®



CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

EACL® Series

LED Area Light/Compact Low Wattage

OPTICAL CODE	DIST CODE	CLASSIFICATION	TYPICAL LUMENS			TYPICAL SYSTEM WATTAGE		BUG RATING	
			3000K	4000K	5000K	120-277V	347-480V	3000K	4000K & 5000K
A4			2900	2900		21	23	B1-U0-G1	B1-U0-G1
B4			4900	4900		36	38	B1-U0-G1	B1-U0-G1
C4			7300	7300		55	55	B1-U0-G2	B1-U0-G2
D4			9800	9800		73		B2-U0-G2	B2-U0-G2
E4			12200	12200		95		B2-U0-G2	B2-U0-G2
F4			14700	14700		122		B2-U0-G2	B2-U0-G2
H4			19000	19000		153		B3-U0-G3	B3-U0-G3
A3			2900	2900		21	23	B1-U0-G1	B1-U0-G1
B3			4900	4900		36	38	B1-U0-G1	B1-U0-G1
C3			7400	7600		55		B1-U0-G2	B1-U0-G2
D3			9900	10200		73		B2-U0-G2	B2-U0-G2
E3			12400	12700		95		B2-U0-G2	B2-U0-G2
F3			14900	15300		122		B2-U0-G2	B2-U0-G2
H3			19300	20400		153		B3-U0-G2	B3-U0-G2
A2			2900	3000		21	23	B1-U0-G1	B1-U0-G1
B2			4900	5000		36	38	B1-U0-G1	B1-U0-G1
C2			7500	7500		55		B2-U0-G2	B2-U0-G2
D2			9900	10100		73		B2-U0-G2	B2-U0-G2
E2			12300	12600		95		B2-U0-G2	B2-U0-G2
F2			14700	15100		122		B3-U0-G3	B3-U0-G3
H2			19100	20200		153		B3-U0-G3	B3-U0-G3

For additional information on Non-Shielded and Shielded EACL IES files, please refer to LED.com

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OUP3857-Evolve-LED-Area-Lighting-EACL-Spec-Sheet_R03

Evolve®



CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

EACL® Series

LED Area Light/Compact Low Wattage

EACL - Type II - Very Short

20,200 lumens

EACL01_H2AN760____IES

Grid Distance in Units of Mounting Height at 20° Inclin

Vertical plane through horizontal angle of maximum candpower at 30°

Footcandle Values at Grade

Vertical plane through horizontal angle of 30°

EACL - Type III - Short

20,400 lumens

EACL01_H3AN750____IES

Grid Distance in Units of Mounting Height at 20° Inclin

Vertical plane through horizontal angle of maximum candpower at 30°

Footcandle Values at Grade

Vertical plane through horizontal angle of 30°

EACL - Type IV - Very Short

20,000 lumens

EACL01_H4AF750____IES

Grid Distance in Units of Mounting Height at 20° Inclin

Vertical plane through horizontal angle of maximum candpower at 30°

Footcandle Values at Grade

Vertical plane through horizontal angle of 30°

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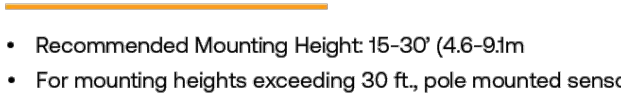
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OUP3857-Evolve-LED-Area-Lighting-EACL-Spec-Sheet_R03

Evolve®



CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

EACL® Series

LED Area Light/Compact Low Wattage

H-Motion Sensing Option

Recommended Mounting Height: 15-30' (4.6-9.1m)

For mounting heights exceeding 30 ft., pole mounted sensors are recommended

Coverage Radius: 15-20' (4.6-6.1m)

Provides 270 degree of coverage (approx 90 is blocked by the pole)

Default Settings:

- Output: Occupied - 100%/Unoccupied - 50%
- Integral PE Sensor.
- 5 minute post-occupancy time delay, 5 minute dimming ramp-down.

Fixture power increase of 1W expected with sensor use.

H1/4 - Motion Sensing Option (WattStopper)

Recommended Mounting Height: 15-30' (4.6-9.1m)

For mounting heights exceeding 30 ft., pole mounted sensors are recommended

Coverage Radius: 15-20' (4.6-6.1m)

Provides 270 degree of coverage (approx 90 is blocked by the pole)

Default Settings:

- Output: Occupied - 100%/Unoccupied - 10%
- PE Sensor: Disabled
- Ramp/Fade: Disabled

Adds < 1W to fixture power rating

Field programmable using FSIR-100 hand held programmer

H2 - Motion Sensing Option (Daintree)

Recommended Mounting Height: 15-30' (4.6-9.1m)

For mounting heights exceeding 30 ft., pole mounted sensors are recommended

Provides a coverage area radius for walking motion of 15-20 ft. (4.57-6.10m)

Provides 270 degree of coverage (approx 90 is blocked by the pole)

Default Settings:

- Output: Occupied - 100%/Unoccupied - 50%
- PE Sensor: None
- Ramp/Fade: 5 Minutes/5 Minutes

Adds < 1W to fixture power rating

Requires Daintree Enterprise and wide area control (WAC)

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Evolve®



CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

EACL® Series

LED Area Light/Compact Low Wattage

Universal Mounting Arm: D1

2.6in (66mm)

22.4in (569mm)

0.6in (15mm)

Max. O.D. Round Pole

0.20in (5mm)

Min. O.D. Round Pole

1.8in (44mm)

Min.

4.4in (112mm)

0.4in (11mm)

2.5in (63mm)

Square Pole Min.

7.8in (197mm)

5.0in (127mm)

811.3in (207mm)

1.8in (44mm)

Knuckle Wall Mount: V1

6.1in (154mm)

25.1in (637mm)

5.0in (127mm)

1.8in (44mm)

811.3in (207mm)

Weight

18 lbs (8.16 kg) Max depending on configuration

Effective Projected Area

Integral Slipfitter C1, EPA = 0.31 Min/0.37 Max

Universal Arm Mount D1, EPA = 0.31 Min / 0.52 Max

Knuckle Slipfitter S1, K1 downward aim, EPA = 0.46 Min / 0.56 Ma

Knuckle Slipfitter S1, K1 45° aim, EPA = 0.56 Min / 1.03 Max

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Evolve®



CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

EACL® Series

LED Area Light/Compact Low Wattage

PE Accessories (To Be Order Separately)

SAP NUMBER	PART NUMBER	DESCRIPTION
93523562	WANIS - 277	ANSI C136.41 Dimming PE Daintree Enabla, 250-350V
93523563	WANIS - 480	ANSI C136.41 Dimming PE Daintree Enabla, 310-530V
93029237	PED-MV-LED-7	ANSI C136.41 Dimming PE, 120-277V
93029238	PED-340-LED-7	ANSI C136.41 Dimming PE, 347V
93029239	PED-480-LED-7	ANSI C136.41 Dimming PE, 480V

SAP NUMBER	PART NUMBER	DESCRIPTION
28289	PECDTL	STANDARD 120-277V
28294	PECDTL	STANDARD 480V
80436	PECDTL	STANDARD 347V
7328	SCDL-PECDL	Shunting cap

Back Light Shield

SHIELD ORIENTATIONS	CUTOFF DISTANCE	SHIELD ORDER LOGIC
Back	Long	ELS-EACL-RBL-BLCK

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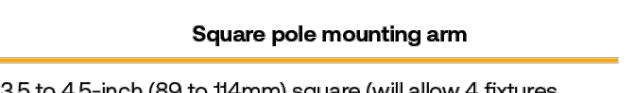
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Evolve®



CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

EACL® Series

LED Area Light/Compact Low Wattage

Mounting Arms for Slipfitter Order separately with Mounting Option C1 (Slipfitter)

Square pole mounting arm

3.5 to 4.5-inch (89 to 114mm) square (will allow 4 fixtures per pole @ 90 degrees.)

Order separately from fixture as catalog number

- SPA-EAMTIOBLCK "Black"
- SPA-EAMTIOKBZ "Dark Bronze"
- SPA-EAMTIOWHITE "White"
- SPA-EAMTIOGRAY "Gray"

Round Pole Mounting Arm

3.5 to 4.5-inch (89 to 114mm) od (will allow 4 fixtures per pole @ 90 degrees.)

Order separately from fixture as catalog number

- RPA-EAMTIOBLCK "Black"
- RPA-EAMTIOKBZ "Dark Bronze"
- RPA-EAMTIOWHITE "White"
- RPA-EAMTIOGRAY "Gray"

Wall Mounting Bracket Adapter Plate

Order separately from fixture as catalog number WMB-EAMT06

NOTE: For Wall Mounting, order luminaire with mounting arm: C1 = Slipfitter 2"

Pipe (2.376 in. OD) supplied with leads.

Other mounting patterns are available for retrofit installations. Contact manufacturing for other available mounting patterns.

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V5-SDP-26-0002 Mitchell Mill Market.pdf - Page 34

BDA SERIES - LED

Bollard
Durable corrosion resistant extruded and cast aluminum construction. 1/4" wall thickness.

LED Power Array™
Three-dimensional array consisting of 6 individual LED tubes for the BDA6 model and 4 individual LED tubes for the BDA8 model, which are fastened to a rotating plate equally spaced to provide 360° of even illumination output. Each LED tube consists of a circuit board populated with a multiple of LED's which is fastened to a radial aluminum heat sink. A white Acrylic Lens and end caps protect each LED tube's internal components and provides diffusion to prevent shadowing and striations.

Internal Louver (IL) - A specular louver stack conceals the inner LED Power Array Module and provides uplight and glare control through the external clear Acrylic Lens.

Cast Louver (CL) - External cast aluminum louver stack protects the internal LED Power Array Module and provides uplight and glare control. An internal clear Acrylic Lens is integrated with the LED Power Array Module.

OPAL LENS (WA) - Exterior white Acrylic Lens protects the internal LED Power Array Module and provides a uniform white glow.

Radial LED Module

LED S are mounted to a circular headsink in a radial array. The radial LED module is concealed in the cap of the bollard. LED's are not directly visible from angles above 90°.

PARABOLIC REFLECTOR (PR) - A specular Parabolic Reflector reflects a portion of the distribution from the radial LED module and provides a uniform wide angle throw through the outer clear Acrylic Lens.

LED Emitters

High Output LED's are driven at 350mA for nominal 1 Watt output each. 703CR Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED Driver

UL and CUL recognized Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60Hz. Consult Factory for (347-480VAC). Driver is mechanically fastened to a retaining bracket. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimmable and High-Low Driver options available.

Finish

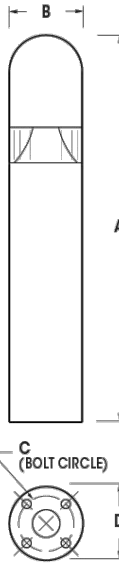
Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step media blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability.

PROJECT NAME:

PROJECT TYPE:



BDA
(BDA8 Shown with -PR Option)



BOLLARD	A	B	C	D
BDA8	42" 1067mm	8" 203mm	6" 152mm	6" 152mm
BDA6	42" 1067mm	8" 203mm	4" 102mm	6" 152mm



2023320

U.S. Pole Company Inc.
An Employee Owned Company

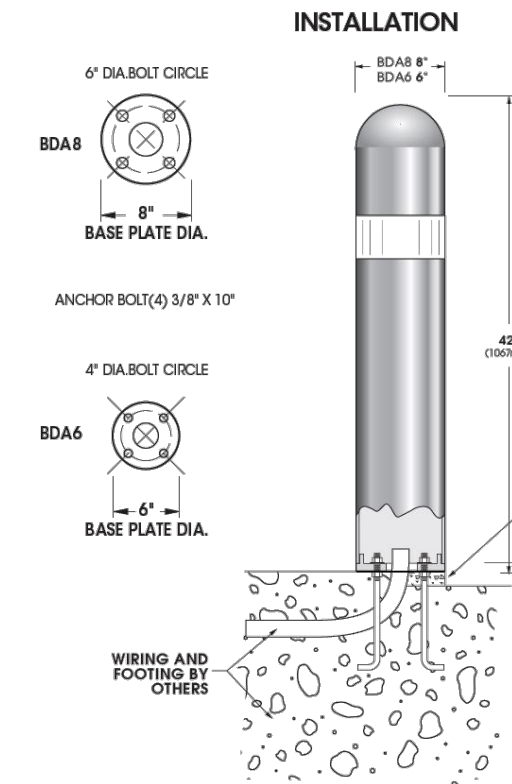
660 West Avenue O, Palmridge, CA 95051
Phone (801) 233-0200 www.uslighting.com

MADE IN THE USA

1

BDA BOLLARD SERIES - LED

SPECIFICATIONS



*When mounting in soil, anchor bolt fasteners and other hardware must be protected from soil by grouting.

(SEE NOTE*)

2" MINIMUM ANCHOR BOLT PROJECTION

OPTICS

Internal Louver
equipped with
Clear Acrylic Lens

IL

Cast Louver

CL

Opal Acrylic

WA

Parabolic Reflector

PR

VPA - Vertical Array
BDA6 Available in:
36 LED Max

BDA6 Available in:
24 LED Max

RADIAL LED Module
BDA6 Available in:
12 LED Module

ORDERING INFORMATION

Model	Optics	# of LEDs	Color Temp. CCT	Voltage	Mounting	Finish	Options
Model	Optics	LED	Mounting	Finish	Options		
☐ BDA8-LED ☒ BDA6-LED	Vertical Power Array	# of LEDs	Color	Mounting	Finish	Options	
	☐ Internal Louver IL	☐ 36LED	☐ NW (4000K) Standard	☐ Ground Installation (Recessed)	☐ Black RAL-9005-T	☐ Dimmable driver (s) (0-10V)	DM
	☐ Cast Louver CL	☐ 24LED	☐ CW (5000K)	☐ Wall Mount WM	☐ White RAL-9003-T	☐ High-Low Dimming for Hardwired Switching or Non-Integrated Motion Sensor	HLW
☐ BDA6-LED	☐ Opal Acrylic WA		☐ WW (3000K) Consult Factory for Other LED Color, CCT, & CRI Options		☐ Gray RAL-7004-T	☐ Internal House Side Shield	HSS
					☐ Dark Bronze RAL-8019-T	☐ Duplex Receptacle (Consult factory)	DUP
					☐ Green RAL-6005-T	☐ Ground Fault Receptacle (Consult factory)	GFI
☐ Parabolic Reflector PR	Radial LED Module	☐ 18LED	Voltage		Premium Finishes		
		☒ 12LED	☐ 120V (0-10V/7)		☐ Rust	☐ 10KV Surge Protector	10SP
			☐ 347		☐ Patina Copper PC	☐ 20KV Surge Protector (277V & 480V only)	20SP
NOTE: MODEL BDA8 IS IN STOCK ONLY. 1 - PARALLEL BOLLARD ONLY.							Optional Heights: ☐ 30" ☐ 36"

U.S. Pole Company Inc.
An Employee Owned Company

660 West Avenue O, Palmridge, CA 95051
Phone (801) 233-0200 www.uslighting.com

MADE IN THE USA

2

OUTDOOR SIGN LIGHTS

SEARCH CODE: SC43933



4FT available in a white finish

FEATURES:

- Durable Construction:** Die-cast aluminum with a black powder coat finish for enhanced durability and corrosion resistance.
- Flexible Installation:** Includes removable 1/2" NPT threaded knuckles and a detachable half shroud for versatile mounting options.
- Beam Angle:** 90° for focused, uniform illumination.
- High Output:** Available lumen options of 6700LM and 12500LM.

APPLICATION:

- Wall Wash Lighting:** Ideal for creating a uniform wash of light across walls, enhancing architectural features and aesthetics.
- Signage Illumination:** Perfect for highlighting outdoor or indoor signs with crisp, focused lighting.
- Billboard Lighting:** Suitable for billboard installations to maximize legibility.

WARRANTY & LISTINGS:

- 5-Year Warranty
- IP65 rated for wet location use

ELECTRICAL:

- Power Options:** 50W or 120W wattage for energy-efficient performance.
- Input Voltage:** Operates on 120 VAC, 50/60Hz.
- High Efficiency:** Efficacy ratings of 130 LPW and 125 LPW ensure maximum energy savings.
- Cord Specifications:** 3.2 SJTW 18/3 AWG cable for robust and reliable connectivity.
- Power Factor:** >0.9 for reduced energy loss.
- Operating Temperature Range:** Designed to perform in temperatures from 0°F to 104°F.
- Harmonic Distortion:** HD < 20% for cleaner power usage.
- Color Accuracy:** CRI ≥ 70 for natural and clear color rendering.
- Weatherproof Design:** IP65-rated for wet locations, ensuring dependable performance in harsh environments.

ADDITIONAL ANGLES:



SPECIFICATIONS:

Product Code	Wattage	Lumens	Color Temperature	Size	Mount	Finish
LOSL-2FT-50W-30K-BL	50W	6700 Lumens	3000K	2 Feet	Surface Mount	Black
LOSL-2FT-50W-50K-BL	50W	6700 Lumens	5000K	2 Feet	Surface Mount	Black
LOSL-4FT-120W-30K-BL	120W	15300 Lumens	3000K	4 Feet	Surface Mount	Black
LOSL-4FT-120W-50K-BL	120W	15300 Lumens	5000K	4 Feet	Surface Mount	Black
LOSL-4FT-120W-30K-WH	120W	15300 Lumens	3000K	4 Feet	Surface Mount	White
LOSL-4FT-120W-50K-WH	120W	15300 Lumens	5000K	4 Feet	Surface Mount	White

Phone: 1-800-545-7778 | 3530 NW 53rd St Fort Lauderdale, FL 33309
www.superiorlighting.com | Prices & Specs subject to change without notice



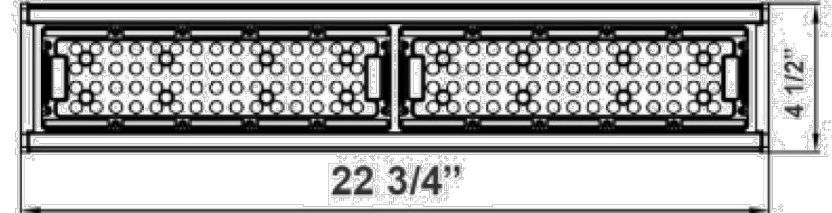
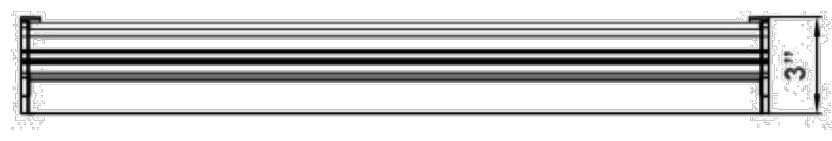
OUTDOOR SIGN LIGHTS

SEARCH CODE: SC43933

DIMENSIONS:

LOSL-2FT

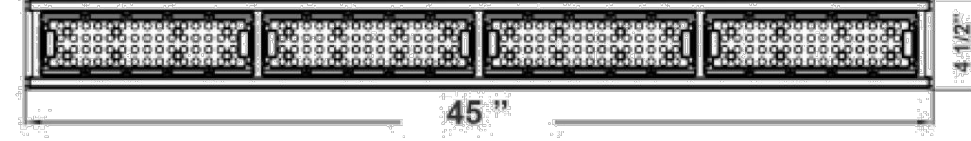
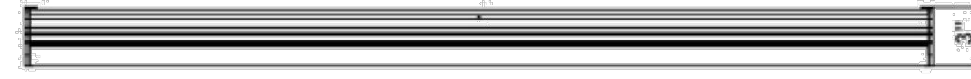
22 3/4"(L) x 3"(H) x 4 1/2"(W)



DIMENSIONS:

LOSL-4FT

45"(L) x 3"(H) x 4 1/2"(W)

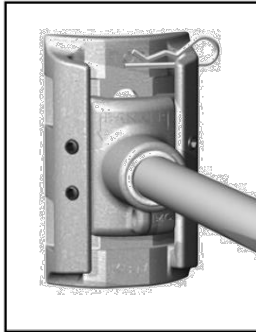


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CONSORT DISPLAY GROUP | DISPLAY ONE® | ABSTRACTAB | KALAMAZOO BANNER WORKS™ | DORI POLE® | PODIAB | METRO FEATURES & BENEFITS

KBW BannerFlex® Metro™ / D4 Bracket



The new KBW BannerFlex Metro bracket by Consort Display Group was specifically designed with metropolitan areas in mind. In response to requests for a smaller, but adjustable bracket for fluted and ornamental light poles, Consort is pleased to introduce the attractive, streamlined Metro bracket. The sleek hardware is perfect for historical, informational or decorative banners in all downtown settings.

The BannerFlex Metro bracket is comprised of two major components: the main bracket casting and the fiberglass arm with arm casting. The BannerFlex Metro is available in both the standard round and the new premium Airow® arms. The BannerFlex Metro is protected by US patent.

Product Testing Program

KBW by Consort utilizes full-scale wind tunnel and material testing facilities along with computeraided design programs to develop and affirm our product components, capabilities, features and warranties. For specific engineering data, including our BannerFlex Wind Force Calculator, visit us at www.kalamazoobanner.com or contact your KBW/Consort Sales Representative at (800) 525-6424.

FEATURES AND BENEFITS

KBW BannerFlex Metro Main Casting

FEATURES	BENEFITS
356T6 Heat-Treated Cast Aluminum	- Superior strength and durability - Corrosion resistant - Accepts powder coating
Bolt Holes	Casting may be easily bolted to poles in lieu of banding application
Integrated Banding Ports	Provides channel for up to 3/4" wide bands
Arm Slide Flanges	- Banner can be installed or removed without moving or removing main casting - Allows bannerlength adjustment at both top and bottom of banner - Arms may be removed when no banners are installed
Dacromet®-Coated Set Screws and Zinc-Plated Hitch Pins	- Corrosion resistant - Allows for easy installation and adjustment - Hitch pin provides added security
Warranty	10 Years when properly installed and maintained (see warranty information)

CONSORT

CONSORT DISPLAY GROUP • 2159 PORTAGE STREET • KALAMAZOO, MI 49001
PH: 800.525.6424 • FAX: 888.880.6341 • www.consort.com • info@consort.com

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BFL MFB 0415

CONSORT DISPLAY GROUP | DISPLAY ONE® | ABSTRACTAB | KALAMAZOO BANNER WORKS™ | DORI POLE® | PODIAB | METRO FEATURES & BENEFITS

KBW BannerFlex D4 Arm Casting

FEATURES	BENEFITS
356T6 Heat-Treated Cast Aluminum	- Superior strength and durability - Corrosion resistant - Accepts powder coating
Cantilevered Casting - Top arm is cantilevered - Bottom arm is cantilevered	- Wind energy is transferred from banner to fiberglass arm - Keeps banner trim and in tension - Promotes banner longevity
Eyelet Included in Casting	- Allows for wire ties to be utilized through both the banner grommet and casting to secure banner - Added security from loss or theft

KBW BannerFlex Standard 3/4" Round Fiberglass Arm

FEATURES	BENEFITS
Pultruded Fiberglass Arm	- Provides flexibility while maintaining strength - Absorbs wind energy to reduce stress on banner and light pole - Inherent flexibility of the arm allows for return of banner to original taut position once wind subsides - Increases banner longevity

KBW BannerFlex Premium 3/4" Airow Fiberglass Arm

FEATURES	BENEFITS
Eccentrically Milled, Pultruded Fiberglass Arm with UV Coating Airow arm available for 24" to 30" banner widths only	- Specially designed taper of fiberglass rod increases flexibility over standard rods by up to 50% - Dissipates more wind energy to reduce the stress on banner and light pole - Inherent flexibility of the arm allows for return of arm and banner to original taut position once wind subsides - Increases banner longevity - Increases flexibility while maintaining strength - Perfect for high wind areas and when extra wind load reduction is required - Patent applied for

KBW HARDWARE BANDING GUIDELINES

BannerFlex®

GUIDE TO TABLE

- yes - combination will work successfully in typical wind conditions (60mph)
- no - combination will not perform in typical, long-term conditions
- n/a - does not apply; size combination impossible
- N/R - combination will work, but is not recommended
- Max Total - the maximum total sq ft of banner fabric for 2 banners / pole

BANDING OPTIONS

1/2", 9/16" or 5/8" Screw Gear Bands (SGB)
Single wrap of 3/4" tool-applied banding (9 pole/100' box)-secured tightly
Double wrap of 3/4" tool-applied banding (5 pole/100' box)

BOLTING OPTIONS

Brackets may be bolted in lieu of banding
To determine the Max Total Sq Ft, use the 2 wraps 3/4" value

Hardware	Banner Size Inches Millimeters	18" x 36" 457 x 915	24" x 48" 610 x 1220	30" x 60" 762 x 1525	30" x 72" 762 x 1830	30" x 84" 762 x 2135	30" x 94" 762 x 2400	46" x 94" 1170 x 2400 (see below)	30" x 120" 762 x 3050 (see below)	Maximum Single Banner Size	Maximum Total Sq Ft for 2 Banners Per Pole		
	■ Banners	1	2	1	2	1	2	1	2				
KBW-JR	1/2" SGB	yes	yes	no	no	no	no	no	no	no	20' x 36"	10	
	9/16" SGB	yes	yes	yes	yes	no	no	no	no	no	30' x 54"	16	
	5/8" SGB	yes	yes	yes	yes	yes	yes	no	no	no	30' x 60"	25	
	single wrap 3/4"	yes	yes	yes	yes	yes	yes	no	no	no	30' x 72"	30	
KBW-Metro	double wrap 3/4"	yes	yes	yes	yes	yes	yes	no	no	no	30' x 72"	30	
	1/2" SGB	yes	yes	no	no	no	no	no	no	no	20' x 36"	10	
	9/16" SGB	yes	yes	yes	yes	no	no	no	no	no	30' x 54"	16	
	5/8" SGB	yes	yes	yes	yes	yes	yes	no	no	no	30' x 60"	25	
KBW Metro w/ Airow	double wrap 3/4"	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	30' x 84"	35	
	1/2" SGB	n/a	n/a	yes	no	no	no	n/a	n/a	n/a	30' x 54"	16	
	9/16" SGB	n/a	n/a	yes	yes	yes	yes	n/a	n/a	n/a	30' x 60"	18	
	5/8" SGB	n/a	n/a	yes	yes	yes	yes	n/a	n/a	n/a	30' x 84"	35	
KBW Metro w/ Airow	double wrap 3/4"	n/a	n/a	yes	yes	yes	yes	n/a	n/a	n/a	30' x 94"	40	
	1/2" SGB	N/R	N/R	N/R	N/R	no	no	no	no	no	n/a	10	
	9/16" SGB	N/R	N/R	N/R	N/R	no	no	no	no	no	n/a	16	
	5/8" SGB	N/R	N/R	N/R	N/R	yes	yes	no	no	no	30' x 60"	16	
KBW-D3	single wrap 3/4"	N/R	N/R	N/R	N/R	yes	yes	yes	yes	yes	30' x 72"	25	
	double wrap 3/4"	N/R	N/R	N/R	N/R	yes	yes	yes	yes	yes	30' x 120"	40	
	1/2" SGB	n/a	n/a	N/R	N/R	no	no	no	no	n/a	30' x 54"	16	
	9/16" SGB	n/a	n/a	N/R	N/R	yes	yes	yes	yes	n/a	30' x 60"	18	
KBW-D3 w/ Airow	5/8" SGB	n/a	n/a	N/R	N/R	yes	yes	yes	yes	yes	30' x 94"	20	
	single wrap 3/4"	n/a	n/a	N/R	N/R	yes	yes	yes	yes	N/R	n/a	30' x 108"	35
	double wrap 3/4"	n/a	n/a	N/R	N/R	yes	yes	yes	yes	yes	n/a	30' x 120"	50

Our Guidelines and our Warranties are based on over 25 years of experience and testing. However, due to conditions beyond our control such as quality of the actual installation, including proper application of banding and bolts, as well as structural integrity of utility poles and other construction, Consort only offers the information as a guide. When in doubt, bring in professionals for inspection and advice.

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Engineer



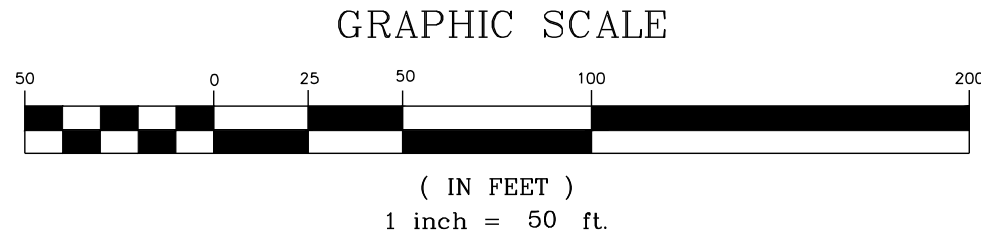
Firm # F-1517

275 CARPENTER HILL LANE

Cary, N.C. 27519

(919) 996-9455





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SHEET

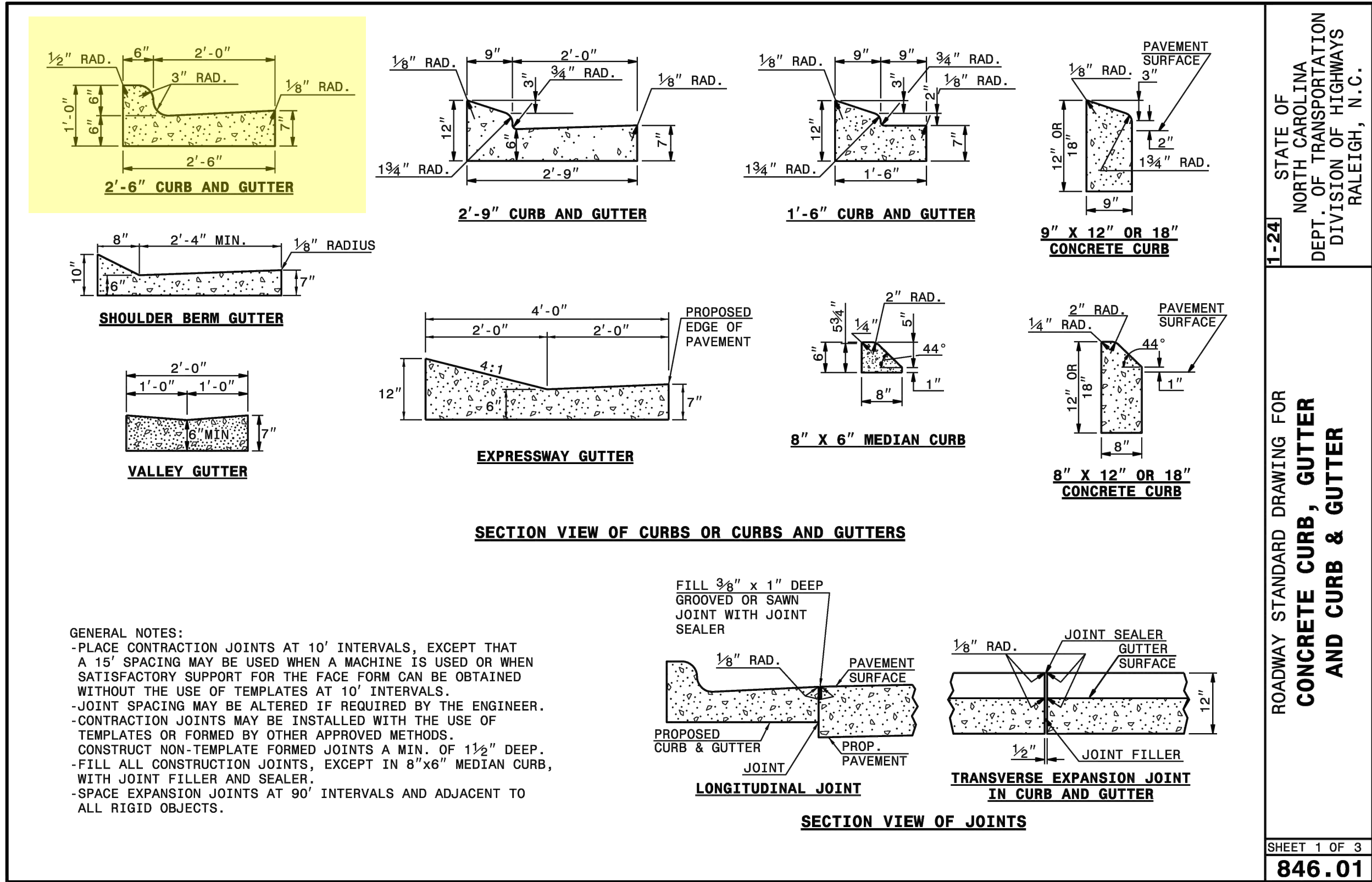
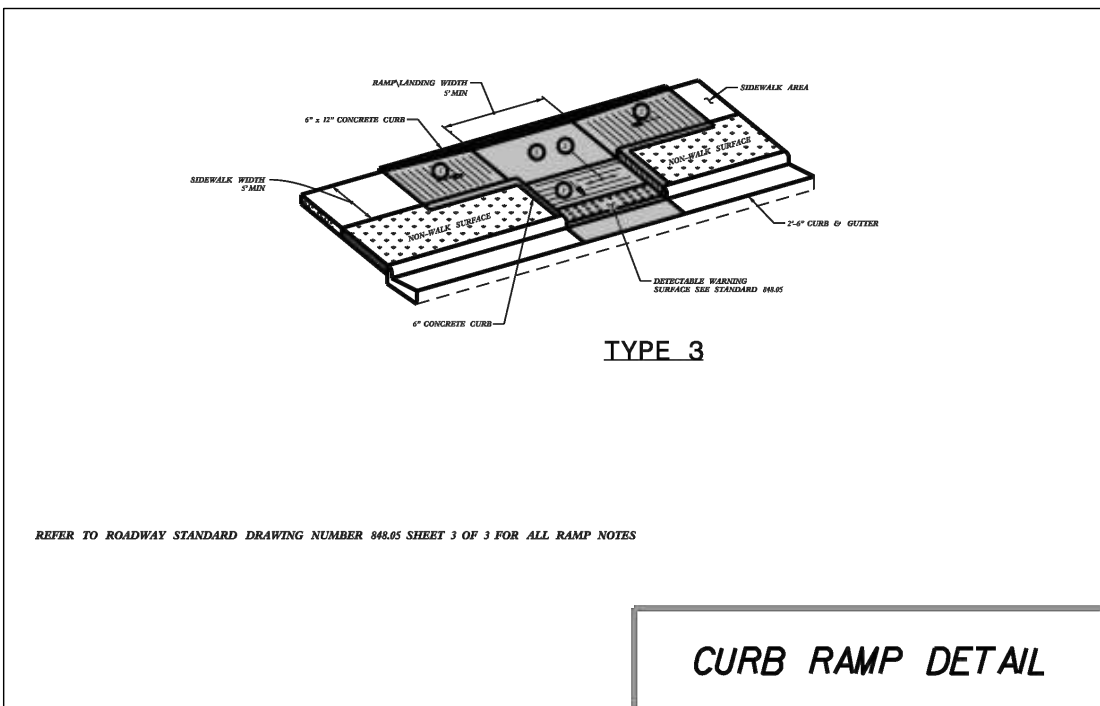
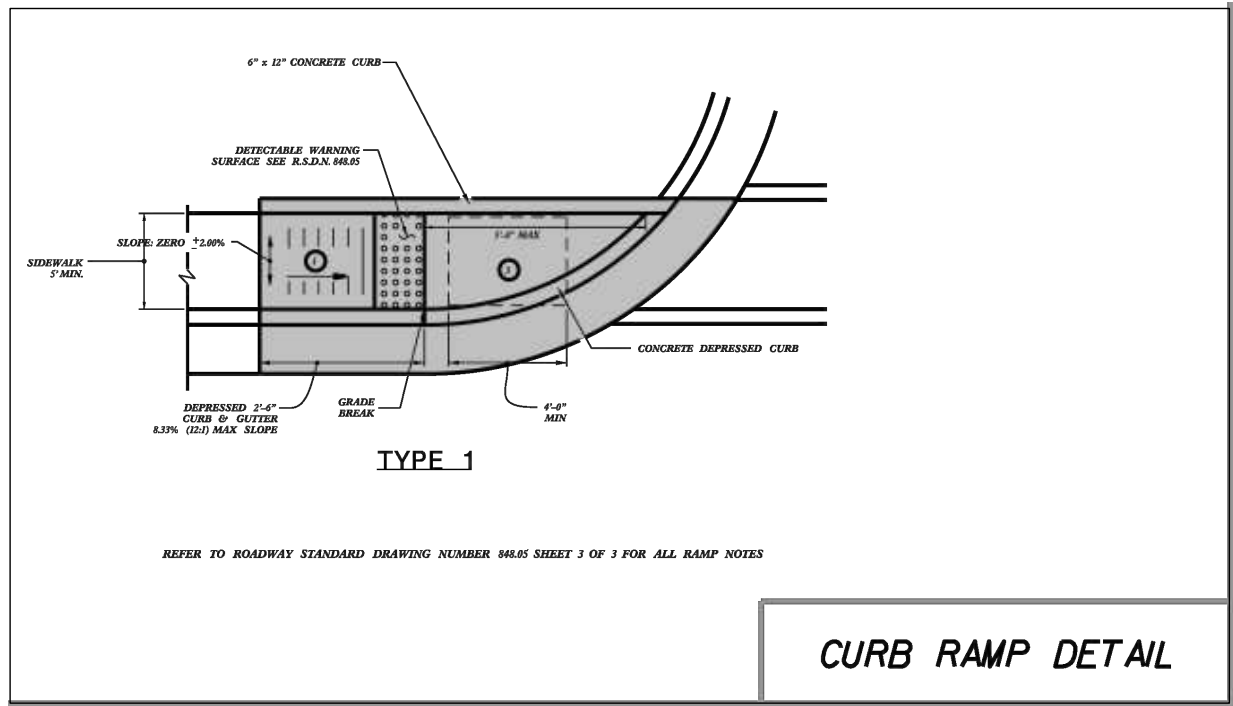
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37 OF 59

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405 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

Professional Engineer Seal for Christopher M. Thompson, North Carolina, License No. 040779, expires 8/28/2026.

No.	REVISIONS	DATE	BY
1	CID-25-06 V2	10/01/2026	SREG
2	CID-25-06 V3	03/02/2026	SREG
3	SOP-36-0002 V4	05/01/2026	SREG
4	SOP-36-0002 V5	08/28/2026	SREG

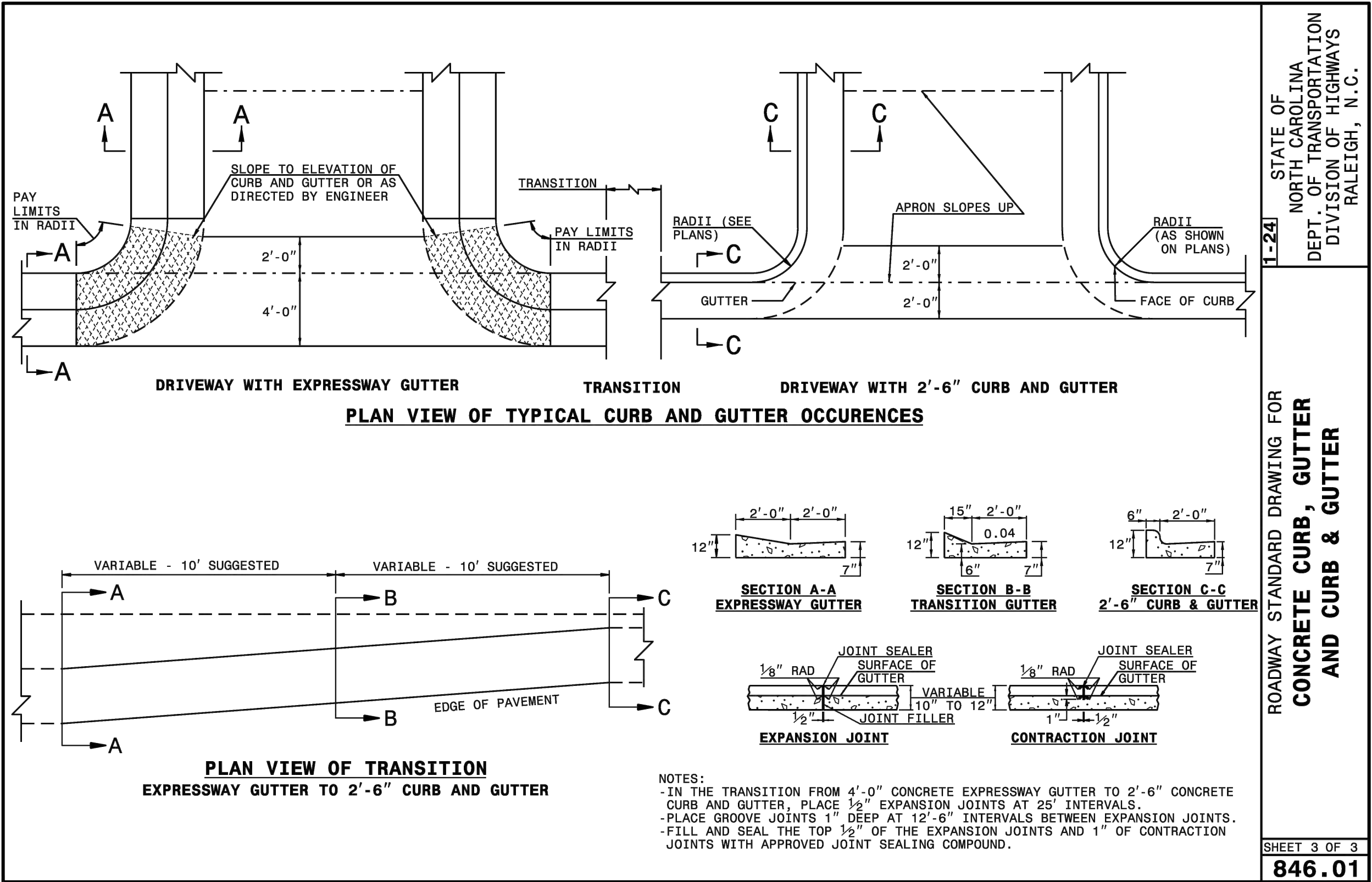


1-24 STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR CONCRETE CURB, GUTTER AND CURB & GUTTER

SHEET 1 OF 3

846.01

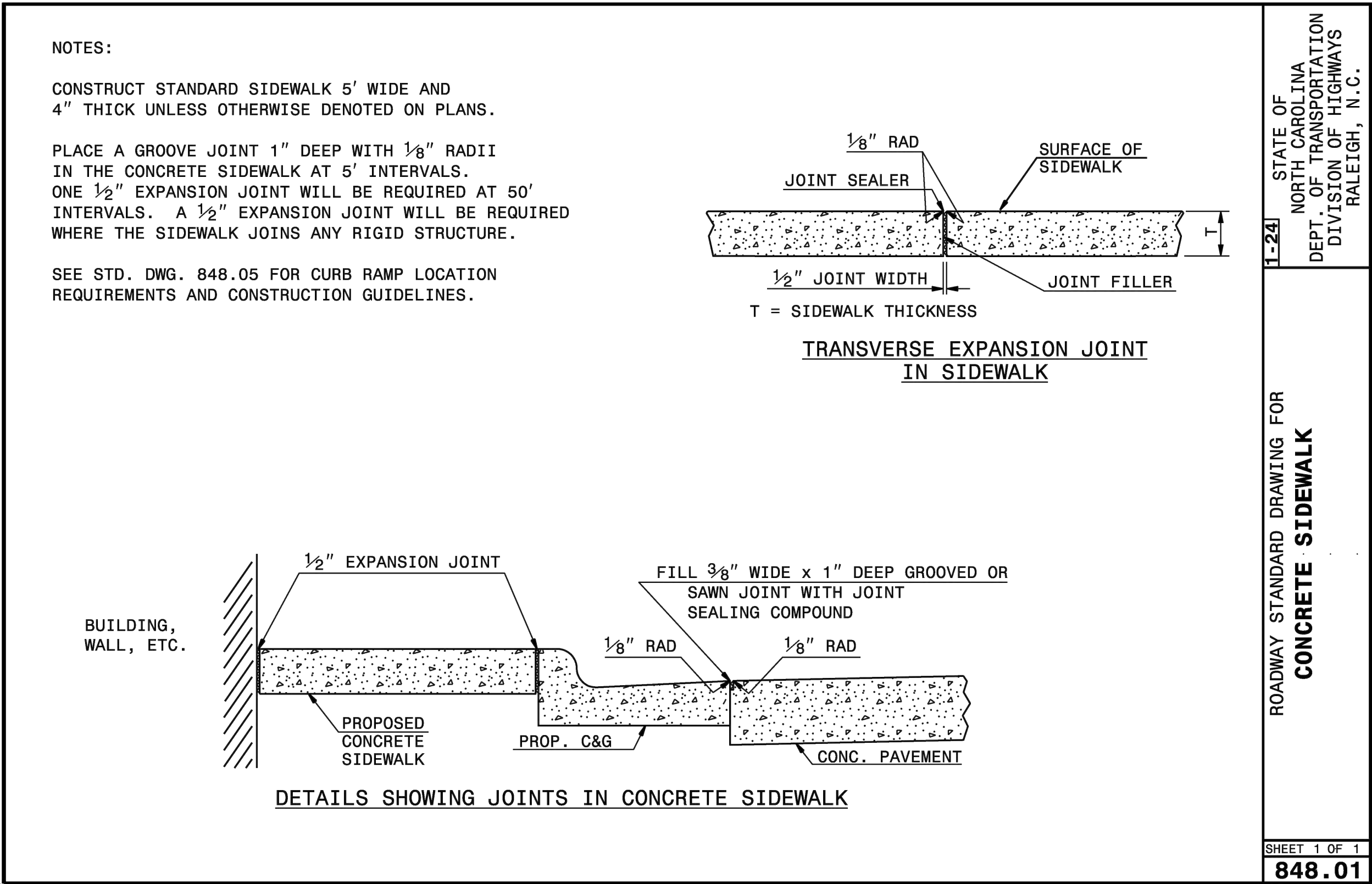


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ROADWAY STANDARD DRAWING FOR CONCRETE CURB, GUTTER AND CURB & GUTTER

SHEET 3 OF 3

846.01

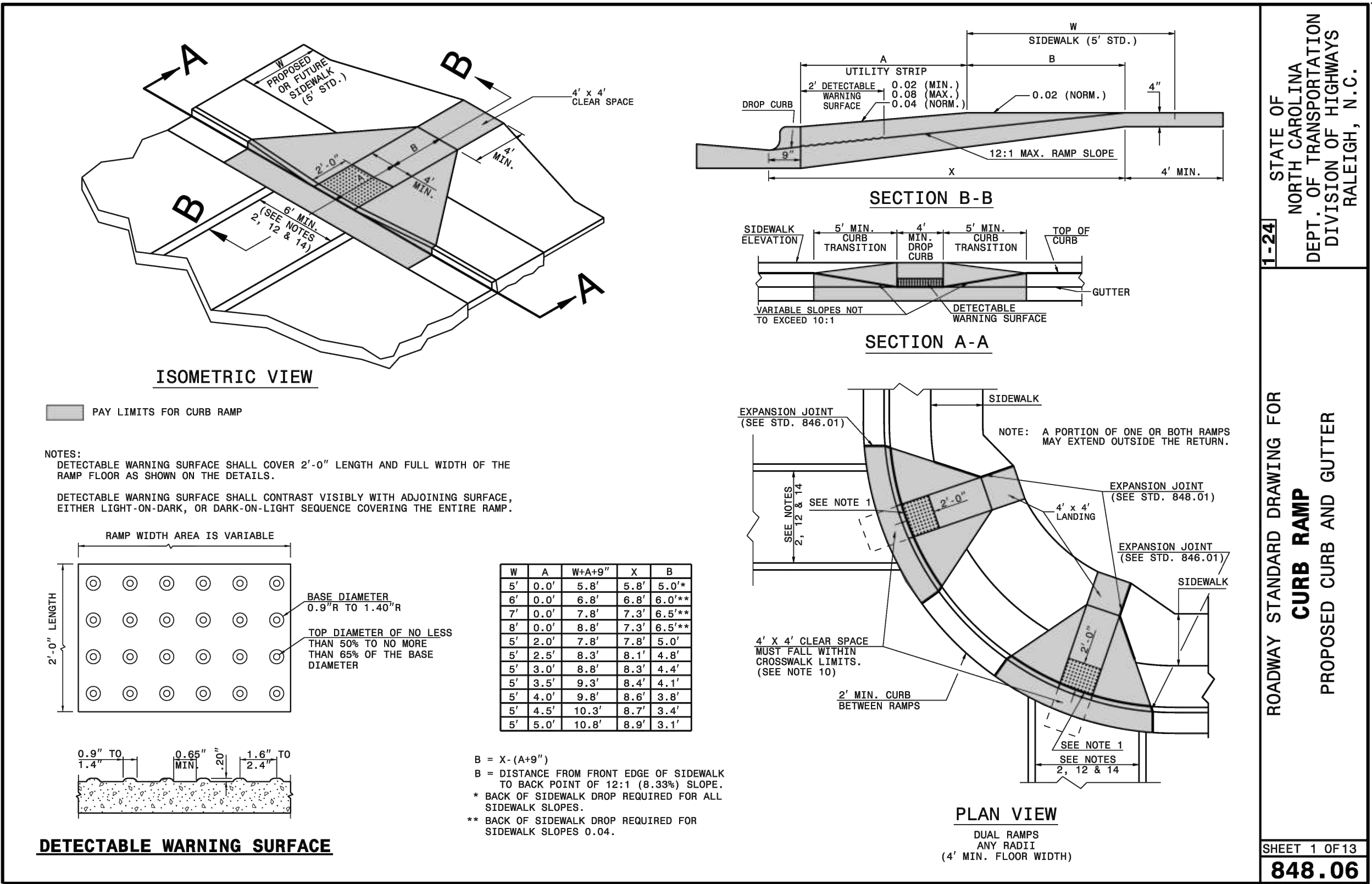


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ROADWAY STANDARD DRAWING FOR CONCRETE SIDEWALK

SHEET 1 OF 1

848.01



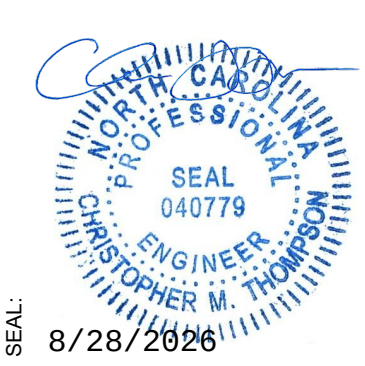
1-24 STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR CURB RAMP PROPOSED CURB AND GUTTER

SHEET 1 OF 13

848.06

CD SUBMITTAL #1	SPES	DATE	BY
0	SPES	08/01/2025	
1	SPES	10/07/2025	
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3	SPES	05/01/2026	
4	SPES	08/28/2026	



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CHECKED BY SRG

MITCHELL MILL MARKET

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

SITE DEVELOPMENT PLANS

SITE DETAILS

DRAWING SHEET

D-1.0

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AY STANDARD DRAWING FOR
CURB RAMP
DIRECTIONAL RAMP

SHEET 6 OF 13

848.06



STANDARD DRAWING FOR
CURB RAMP
PARALLEL RAMP

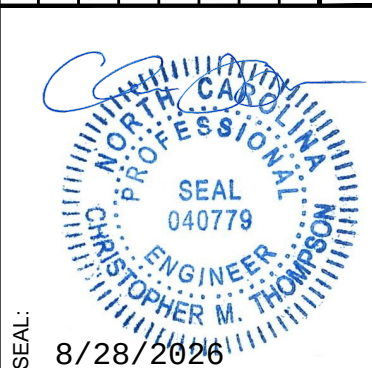
SHEET 8 OF 13
848.06



ROADWAY STANDARD DRAWING FOR
CURB RAMP
NOTES

SHEET 13 OF 1
848.06

No.	REVISIONS	DATE	BY
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1	CID-25-06-V2	08/01/2025	SREG
2		10/01/2025	SREG
1		03/02/2026	SREG
2	CID-25-06-V3	05/01/2026	SREG
3	SOP-26-0002-V4	05/01/2026	SREG
4	SOP-26-0002-V5	08/28/2026	SREG



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DRAWN BY	SRG	
CHECKED BY	SRG	

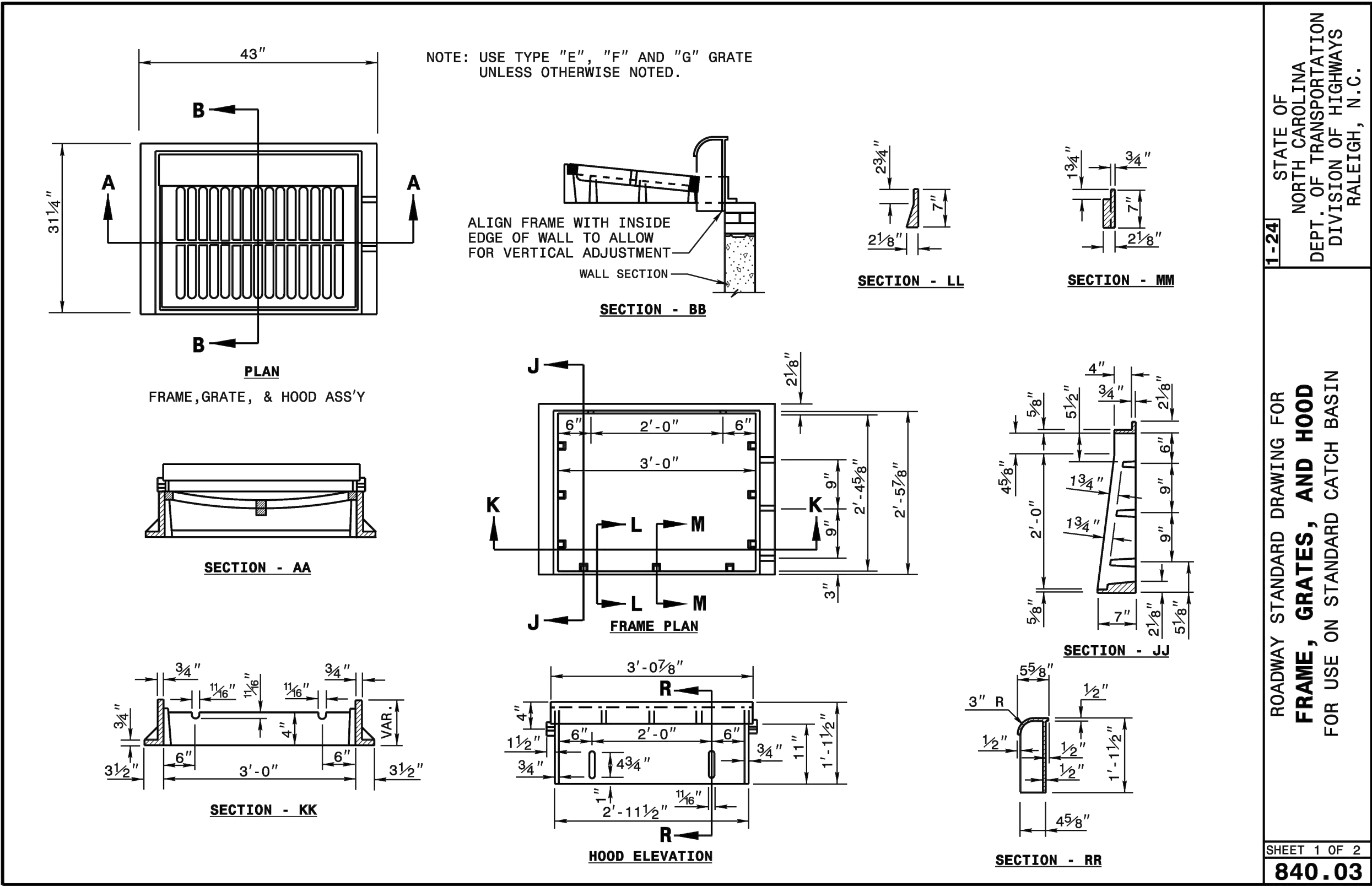
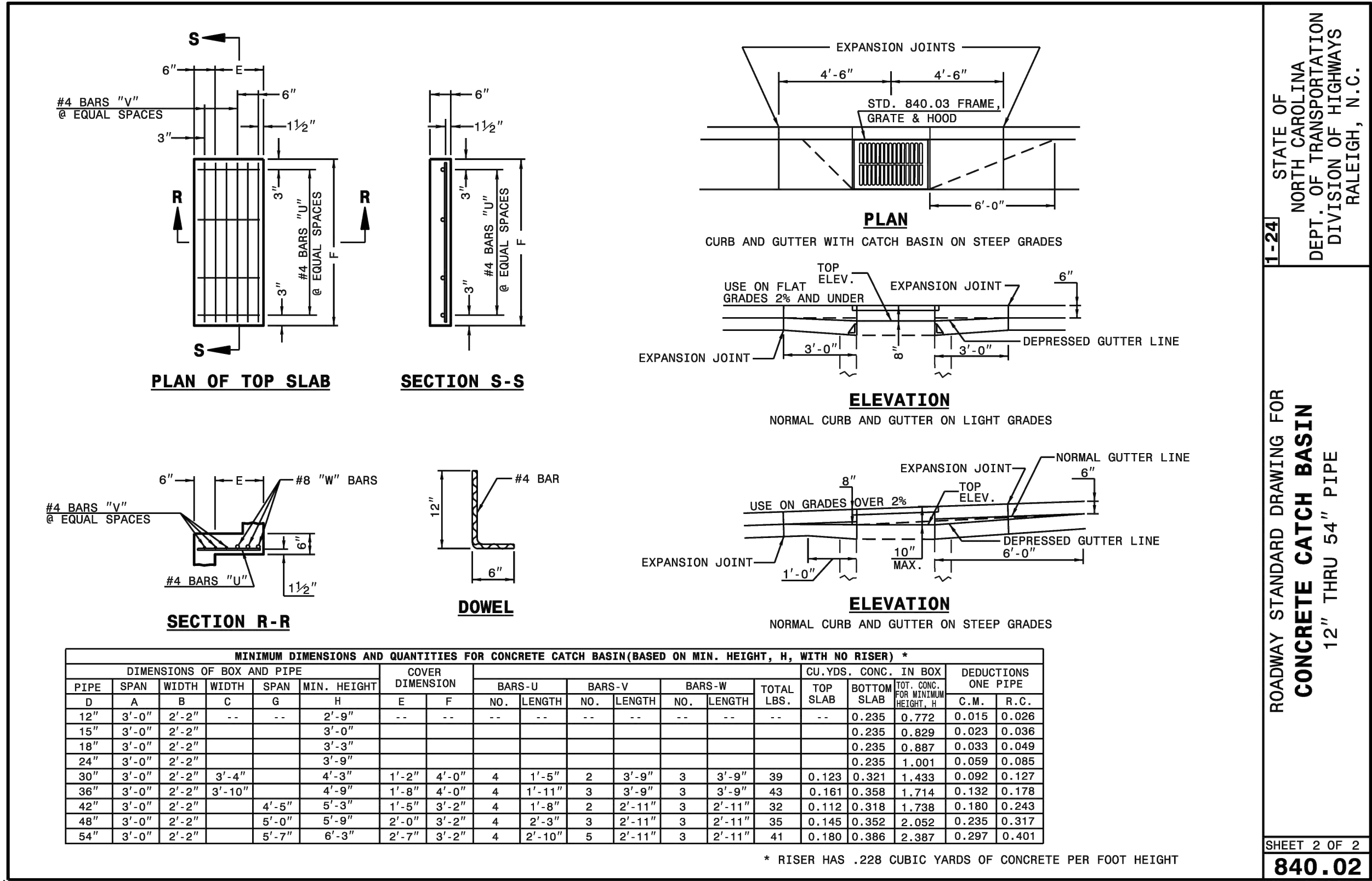
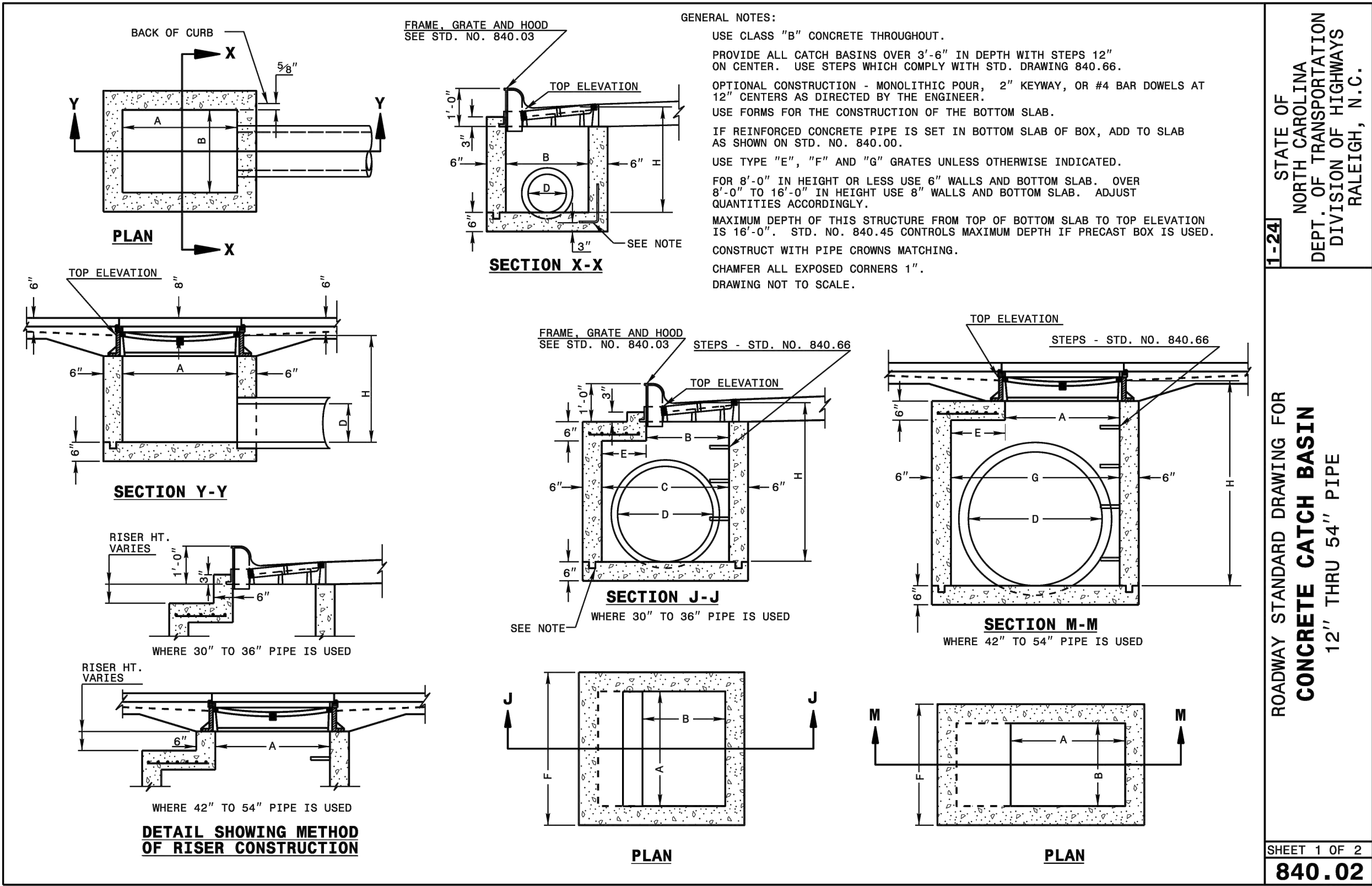
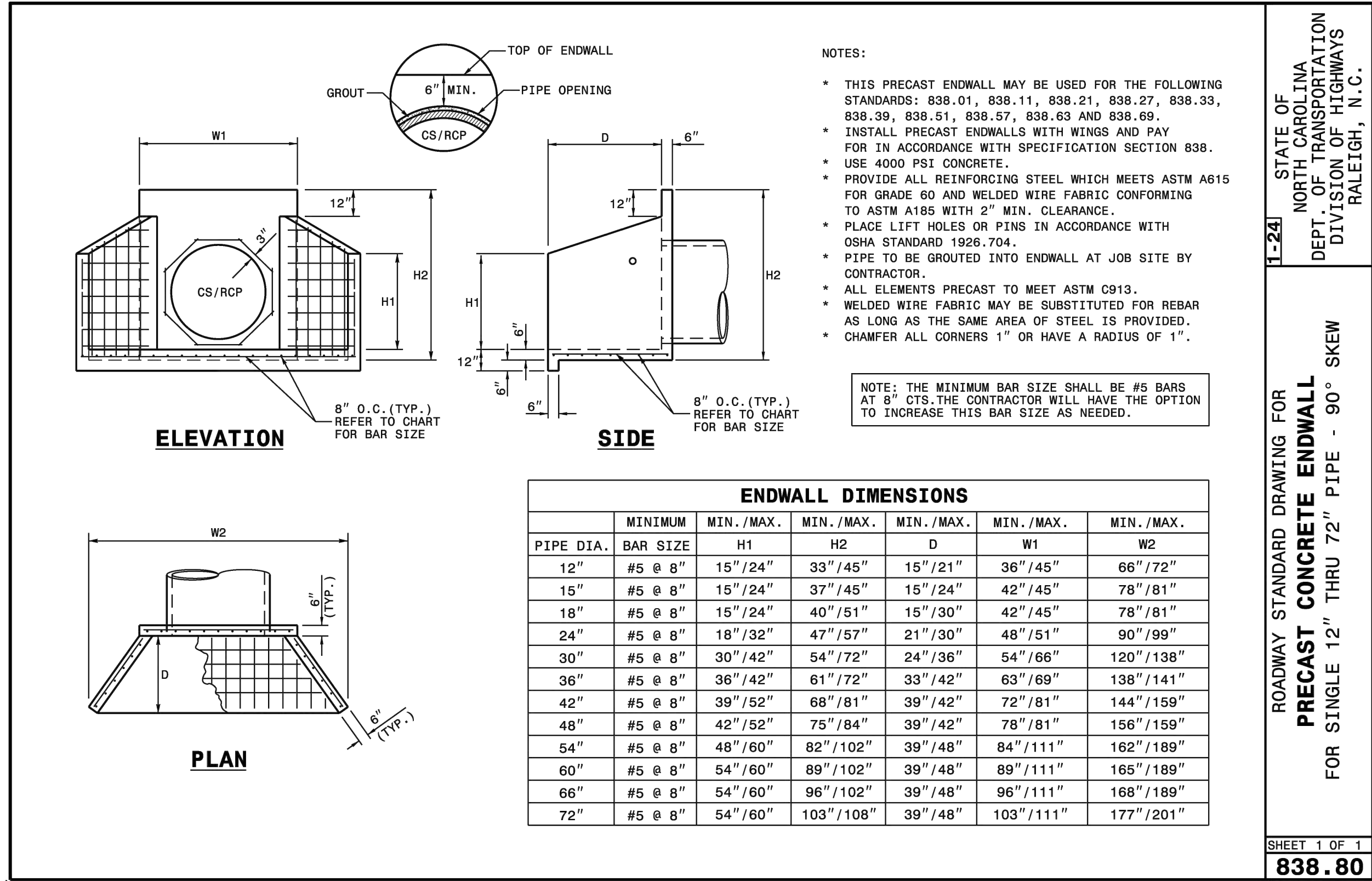
MITCHELL MILL MARKET
TOWN OF ROLFSVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
SITE DETAILS

DRAWING SHEET

D-1.1

39 OF 59

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CD SUBMITTAL #1	SPREC	DATE	BY
0	SPREC	08/01/2025	
1	SPREC	10/07/2025	
2	SPREC	03/02/2026	
3	SPREC	05/01/2026	
4	SPREC	08/28/2026	

SEAL
8/28/2026

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FSP-23-03

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SCALE AS SHOWN

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FSP-23-03

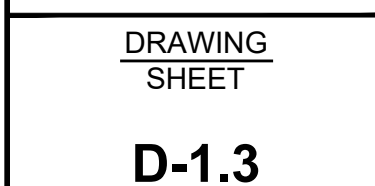
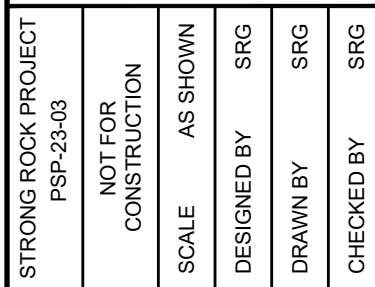
NOT FOR CONSTRUCTION

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42-195. Placement of Parking

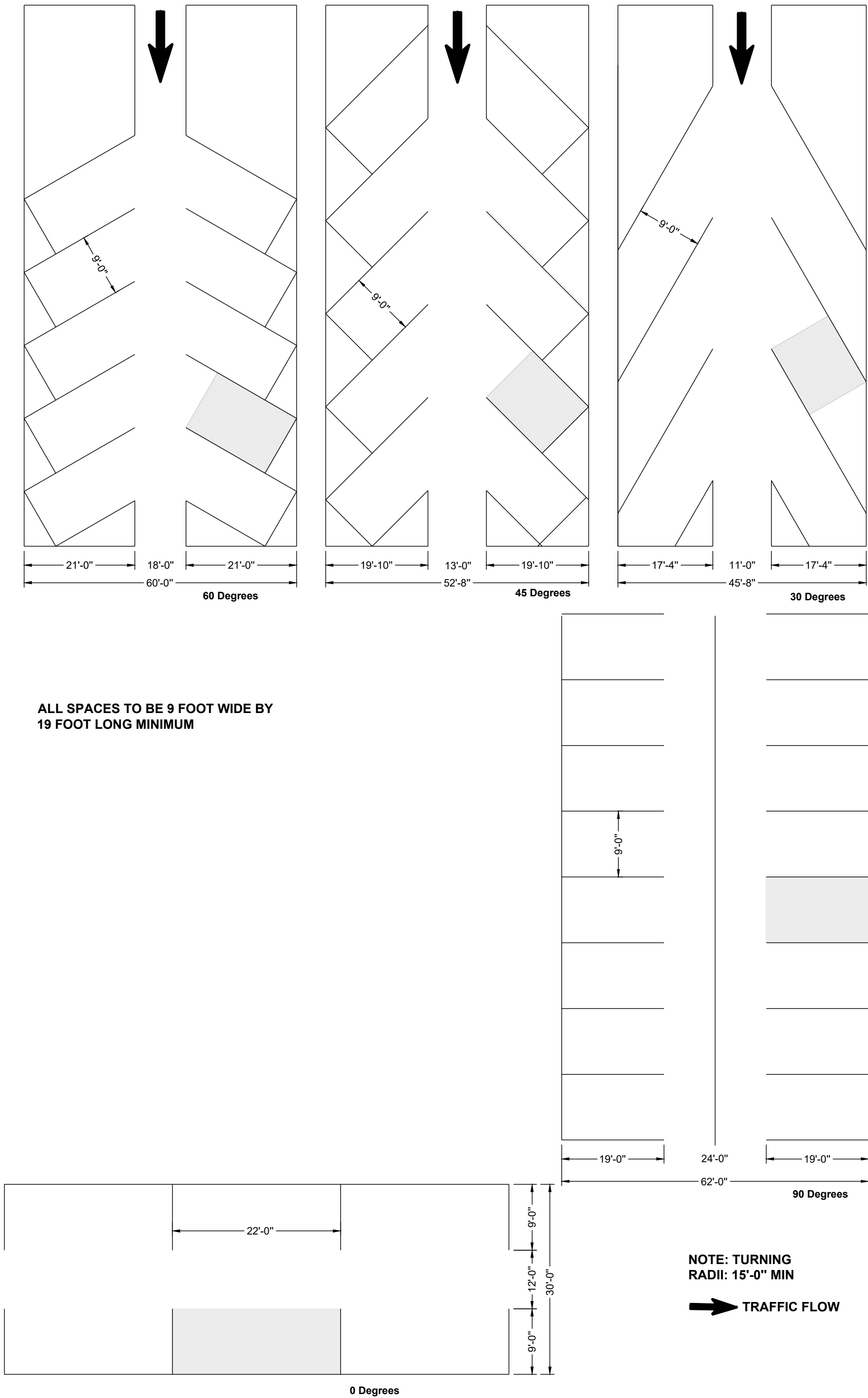
Parking shall be placed on site with the principal use and shall be designated as parking only for that use except where remote parking is requested. Remote parking is permitted if the off-street parking space cannot be reasonably provided on the same lot on which the principal use is located. Remote off-street parking must be located within 400 feet of the associated principal use, and shall not be reduced or encroached upon in any manner.

A. Parking Spaces.

- 1. Angled Parking Spaces. The minimum design vehicle footprint shall be a rectangle nine (9) feet in width and 19 feet in length unless a designated area for compact cars is provided.
- 2. Parallel Parking Spaces. The minimum design vehicle footprint shall be a rectangle nine (9) feet in width and 22 feet in length unless a designated area for compact cars is provided.

The parking space standards are intended for one (1) vehicle, exclusive of adequate egress and ingress, drives, maneuvering space and landscaping. Figure 6A illustrates parking space designs.

Figure 6A. Parking Space Design for Angled and Parallel Parking
Not to Scale



08/01/2025
10/07/2025
03/02/2026
05/01/2026
08/28/2026

CD SUBMITTAL #1
CD-26-06 V2
CD-26-06 V3
SDP-26-0002 V4
SDP-26-0002 V5

ISREG
ISREG
ISREG
ISREG
ISREG

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1

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3

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No.

SEAL
040779
ENGINEER
FORNER M. THOMPSON
8/28/2026

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PSR-23-03
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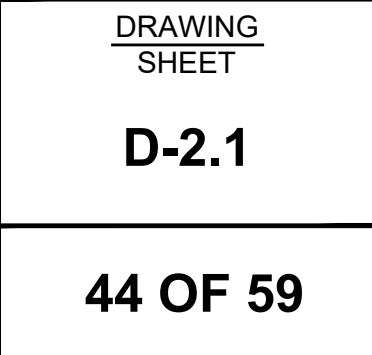
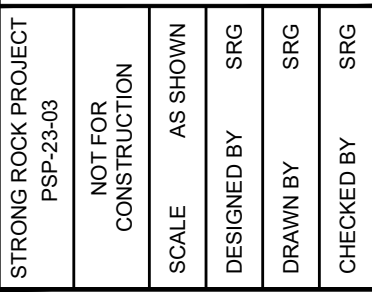
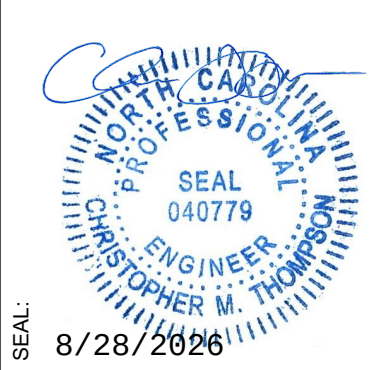
MITCHELL MILL MARKET
TOWN OF ROLLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
SITE DETAILS

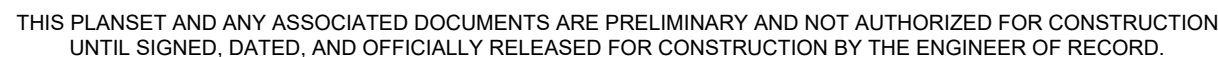
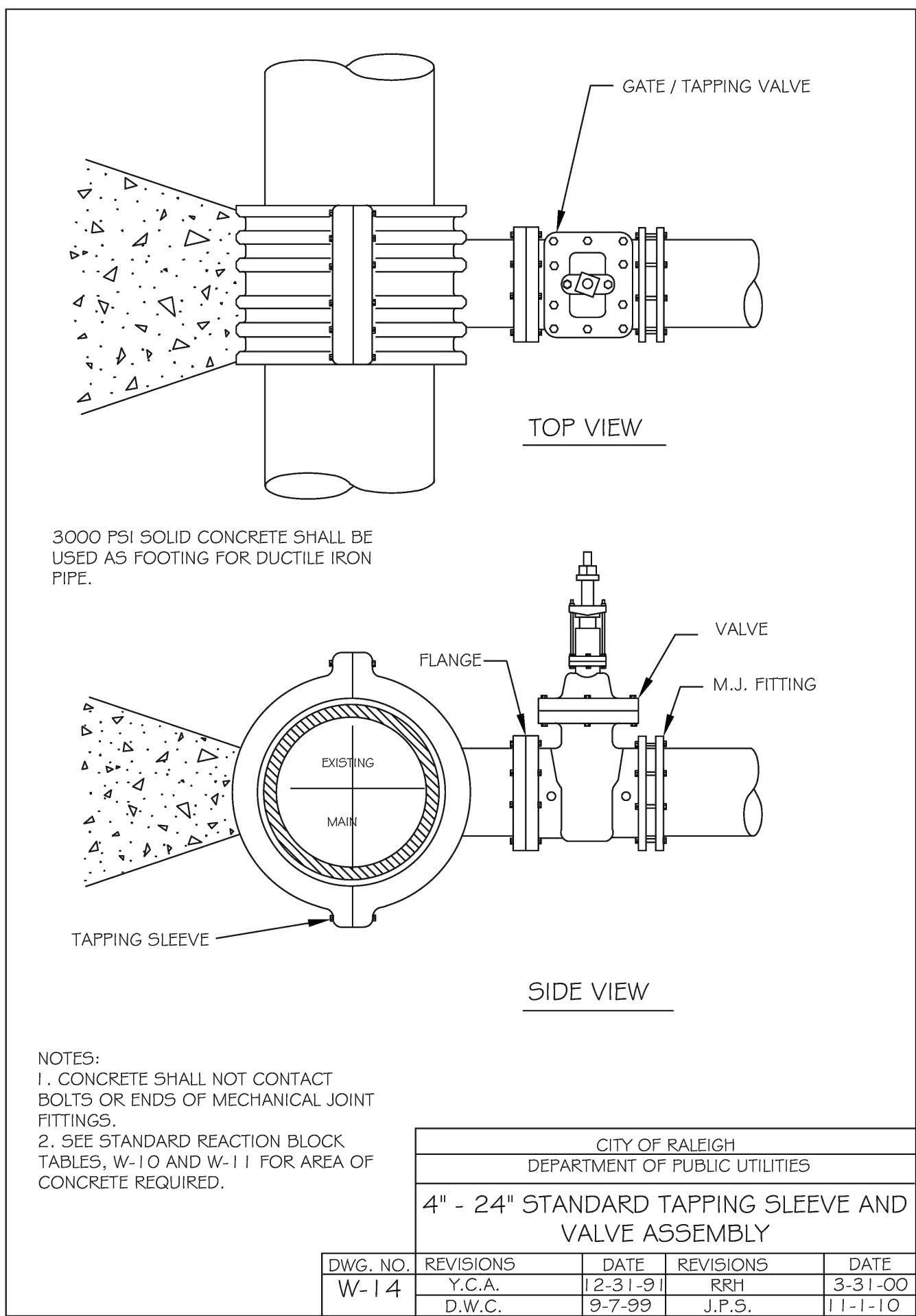
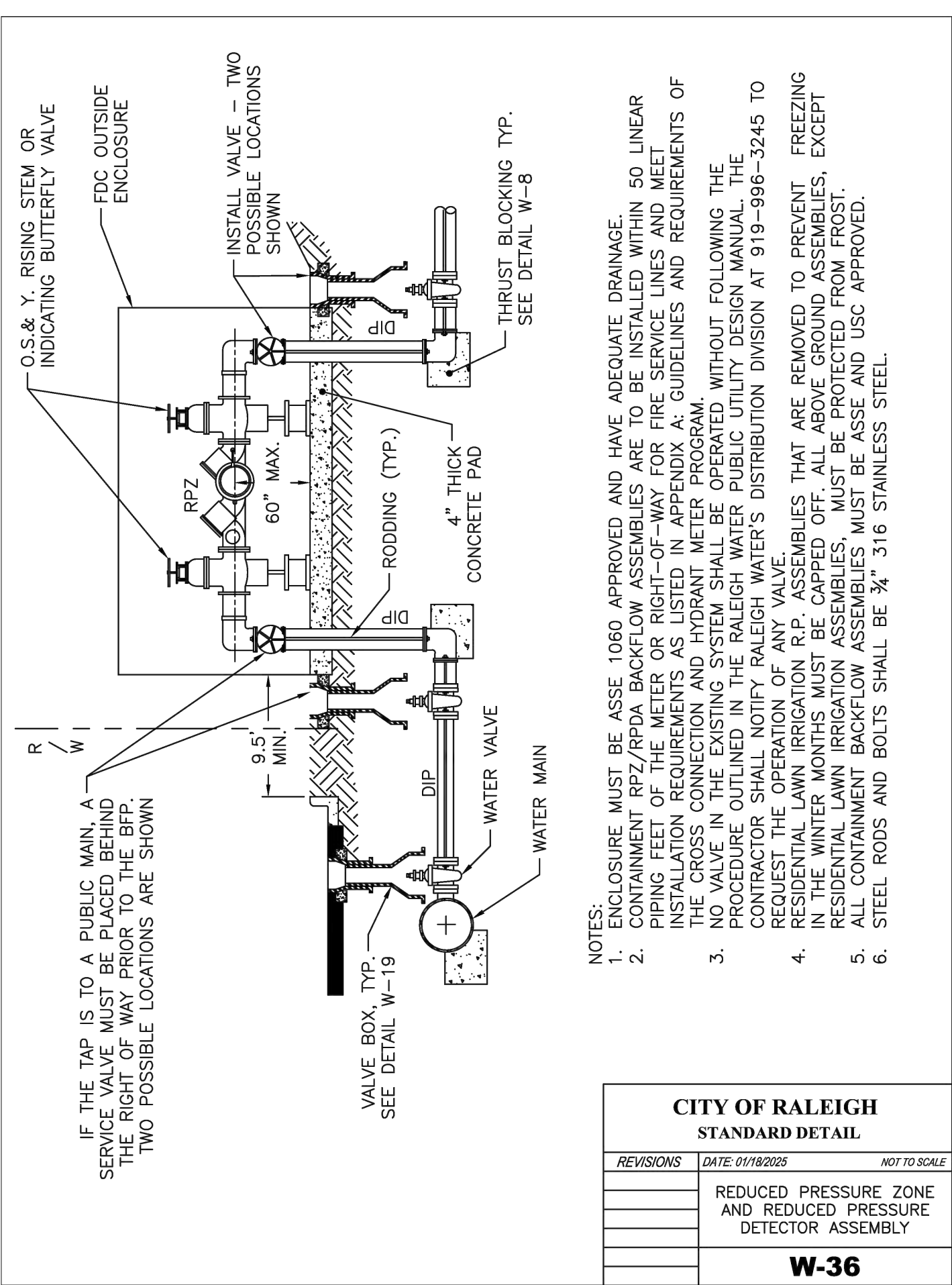
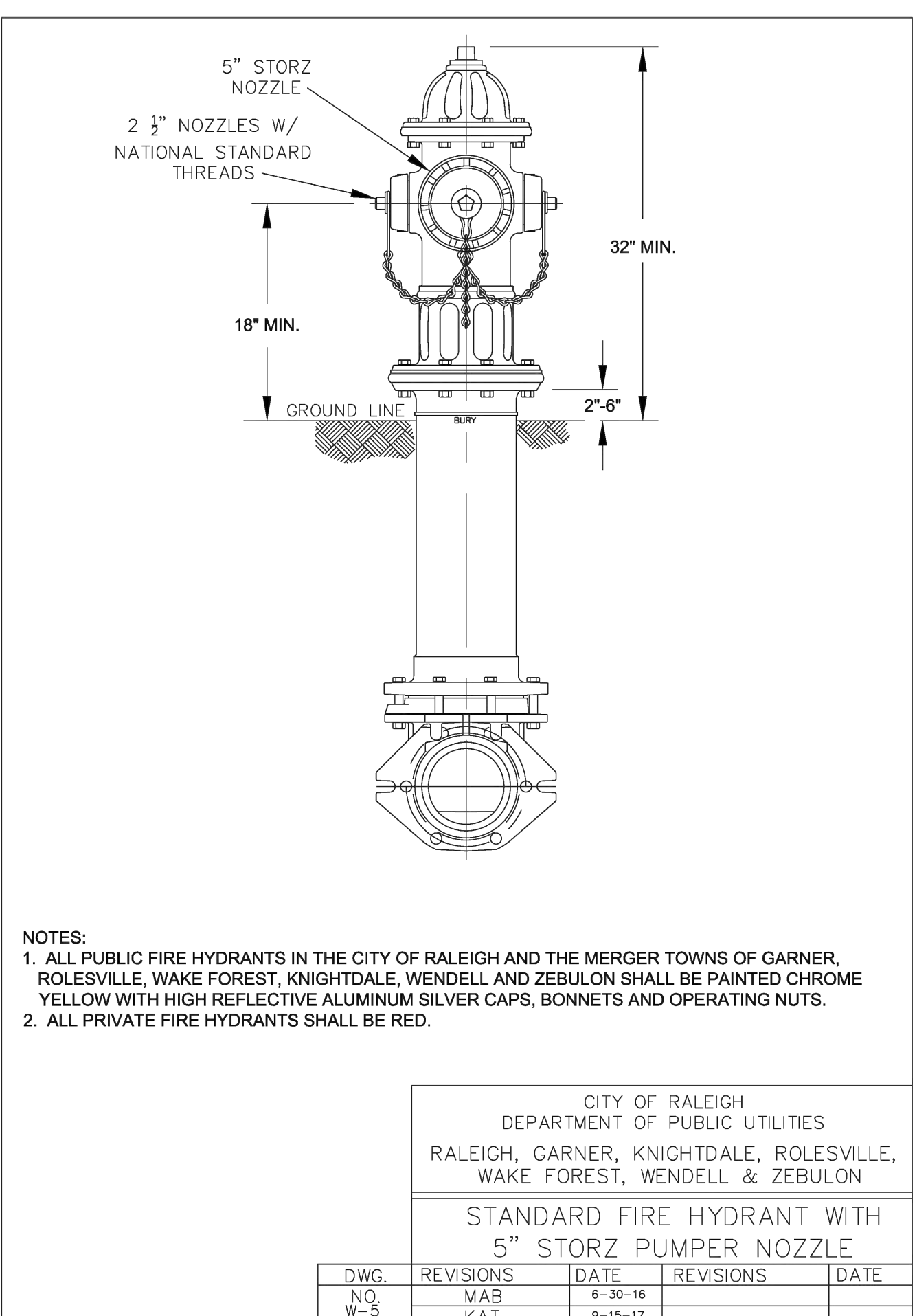
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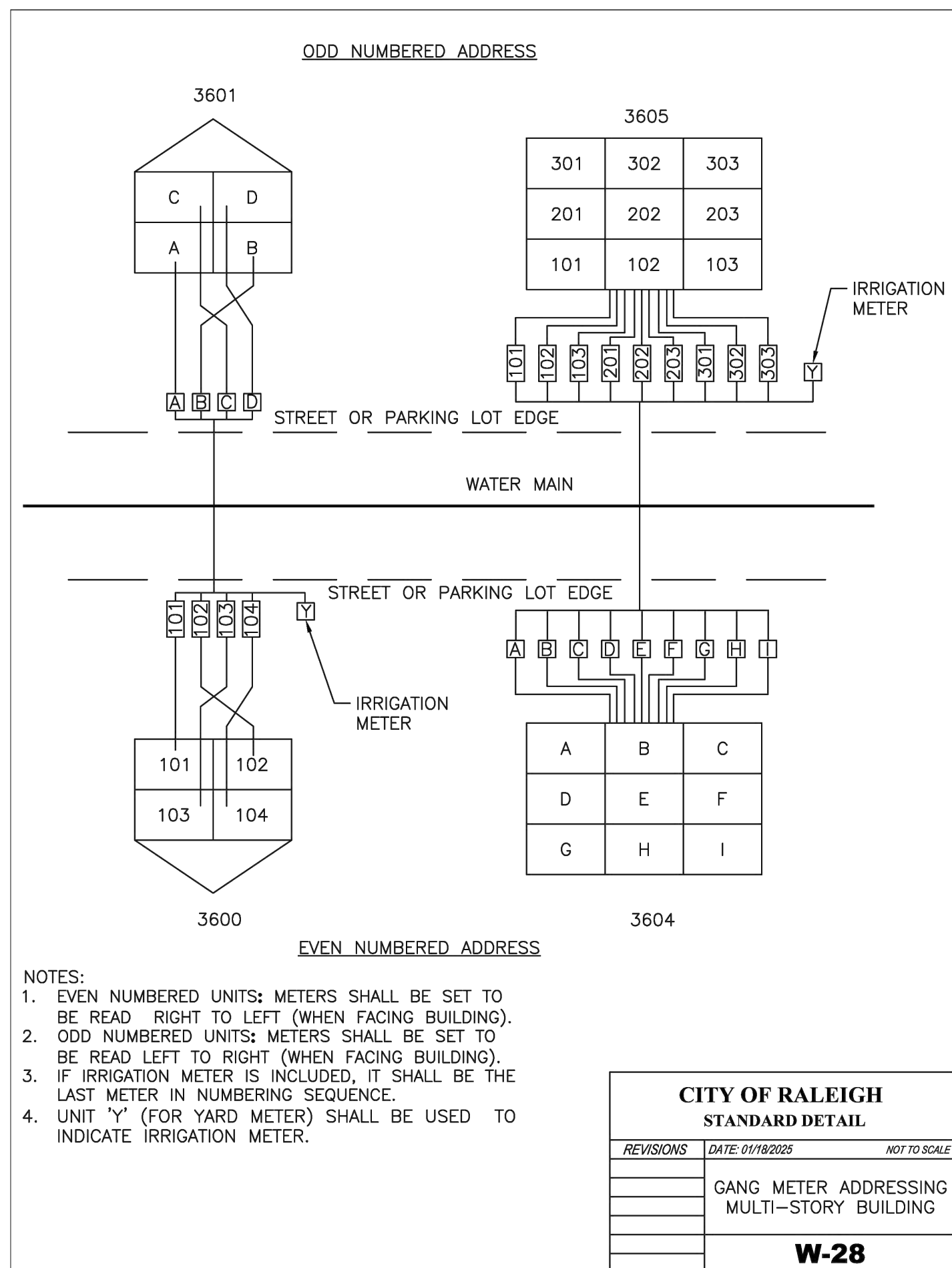
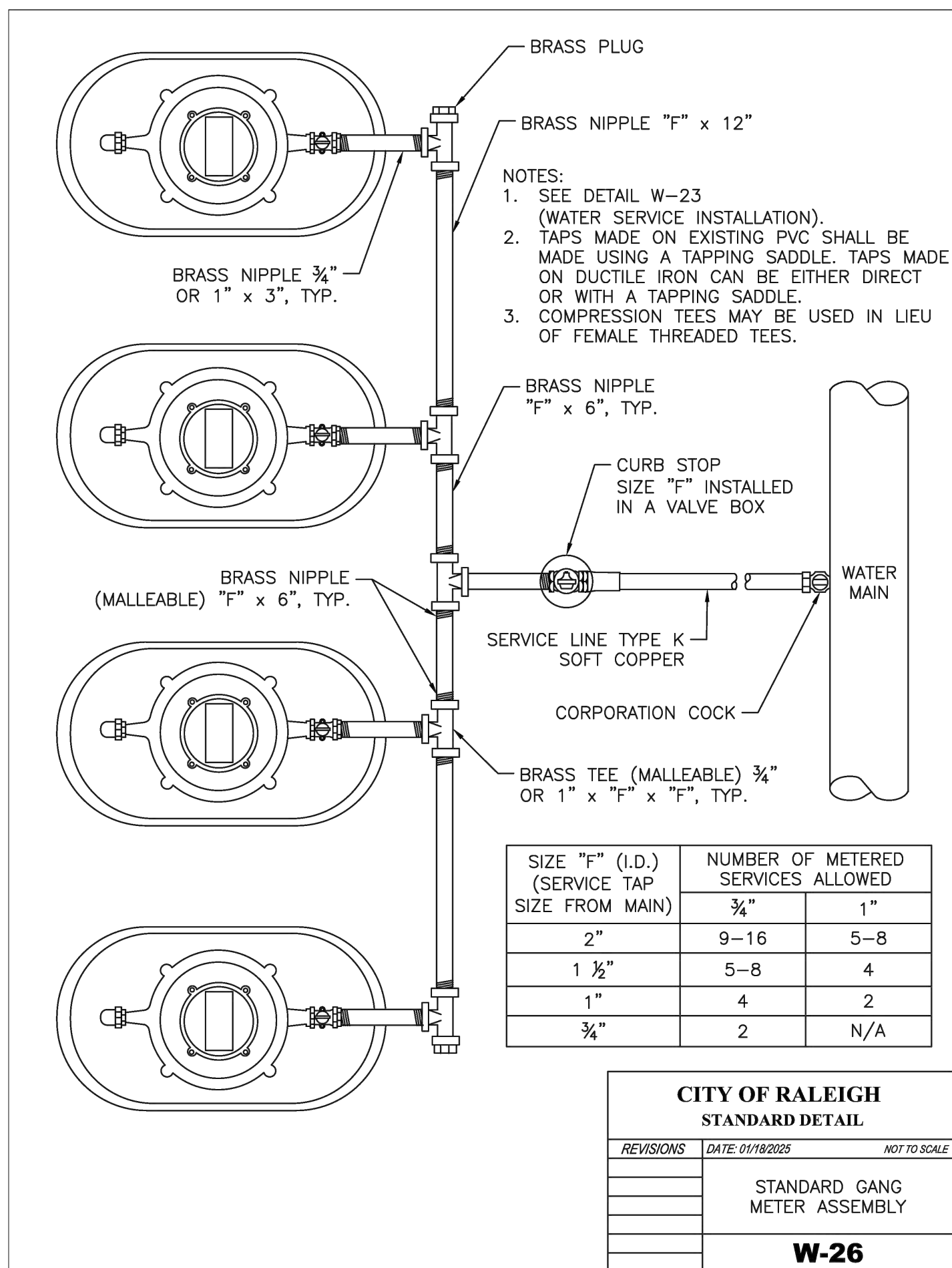
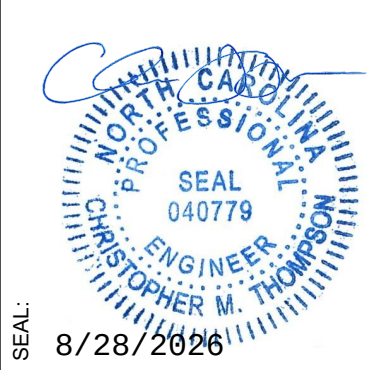
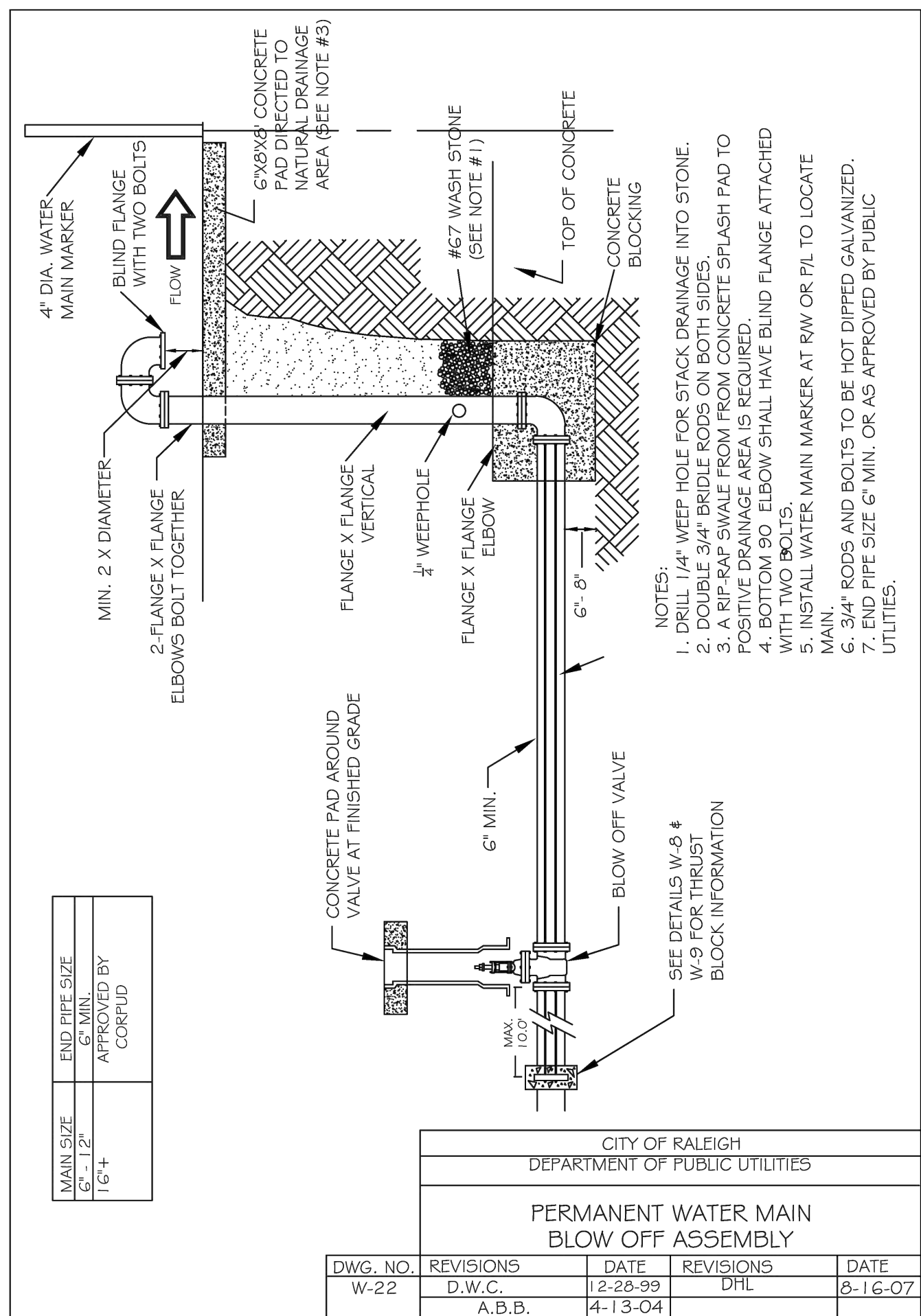
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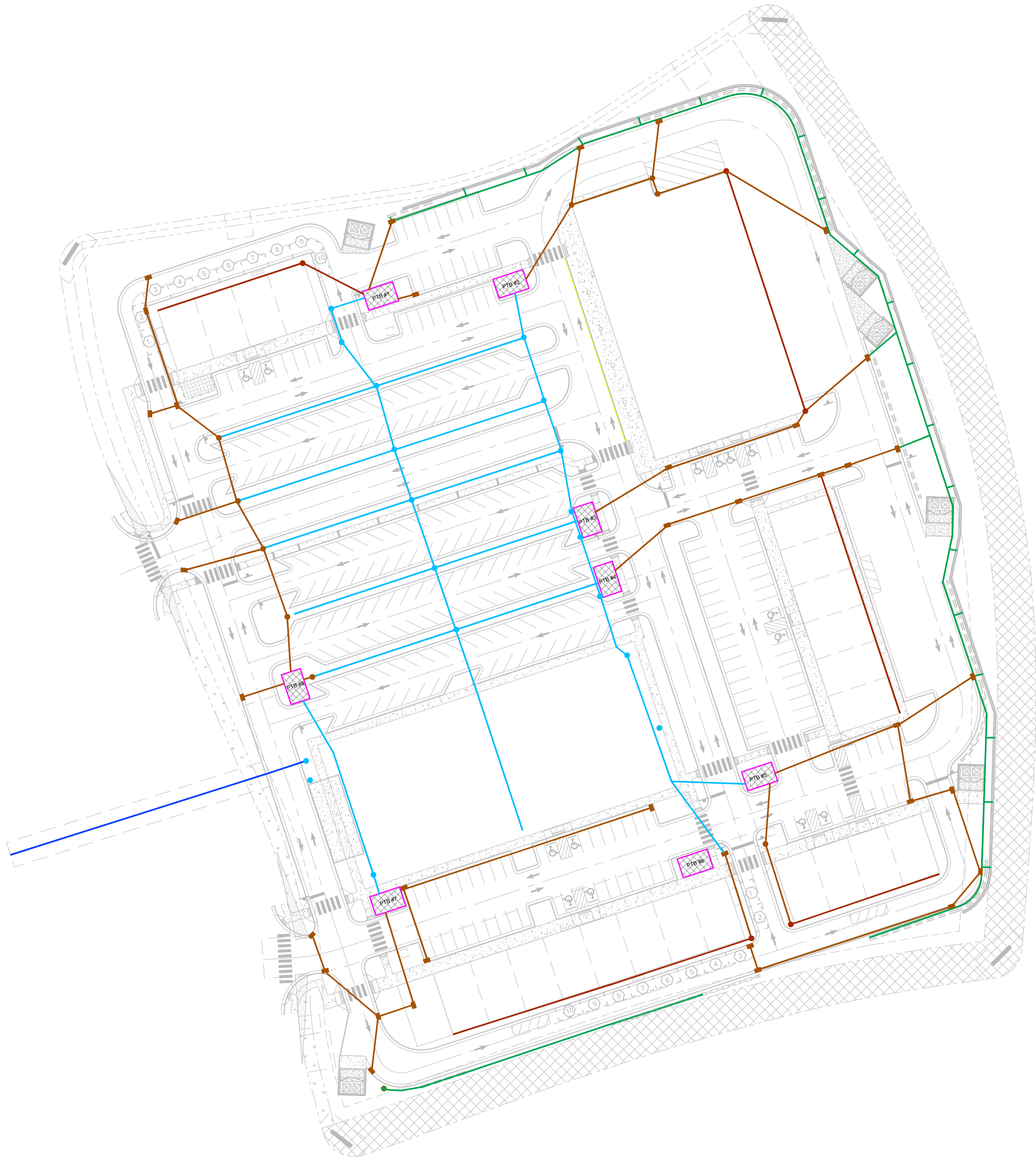
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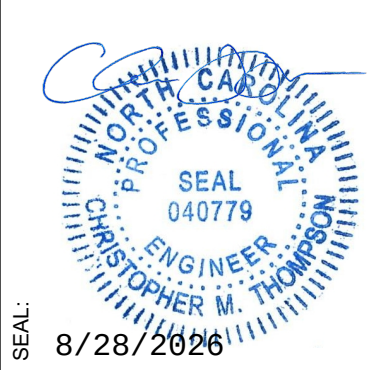
- CATCH BASIN
- CLEAN OUT
- UNTREATED STORMWATER
- UNTREATED STORMWATER ROOF DRAIN
- TREATED STORMWATER
- TREATED OUTFLOW
- WALL DRAIN
- PRE-TREATMENT BOX

NOTE: FUNCTIONAL DIAGRAM OF STORMWATER SYSTEMS

NOTE: REMOVE AND DISCARD FILTER SOCKS FROM THE LISTED PIPES:
12" HDPE SLOTTED PIPES
12" HDPE PERFORATED PIPES
18" HANCOR ADVANEDGE DRAINAGE MATS
6" HDPE DRAINAGE PIPE

NOTE: EXTERIOR WALL PIPE HAS TIE INS TO THE WALL 50' OC. COORDINATED WITH WALL CONSTRUCTION

0	CD SUBMITTAL #1	SRREG
1	CD-26-06 V2	10/07/2025
2	CD-26-06 V3	03/02/2026
3	SDP-26-0002 V4	05/01/2026
4	SDP-26-0002 V5	08/28/2026
No.	REVISIONS	DATE
		BY



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STRONG ROCK PROJECT	SRG
FSR-23-03	SRG
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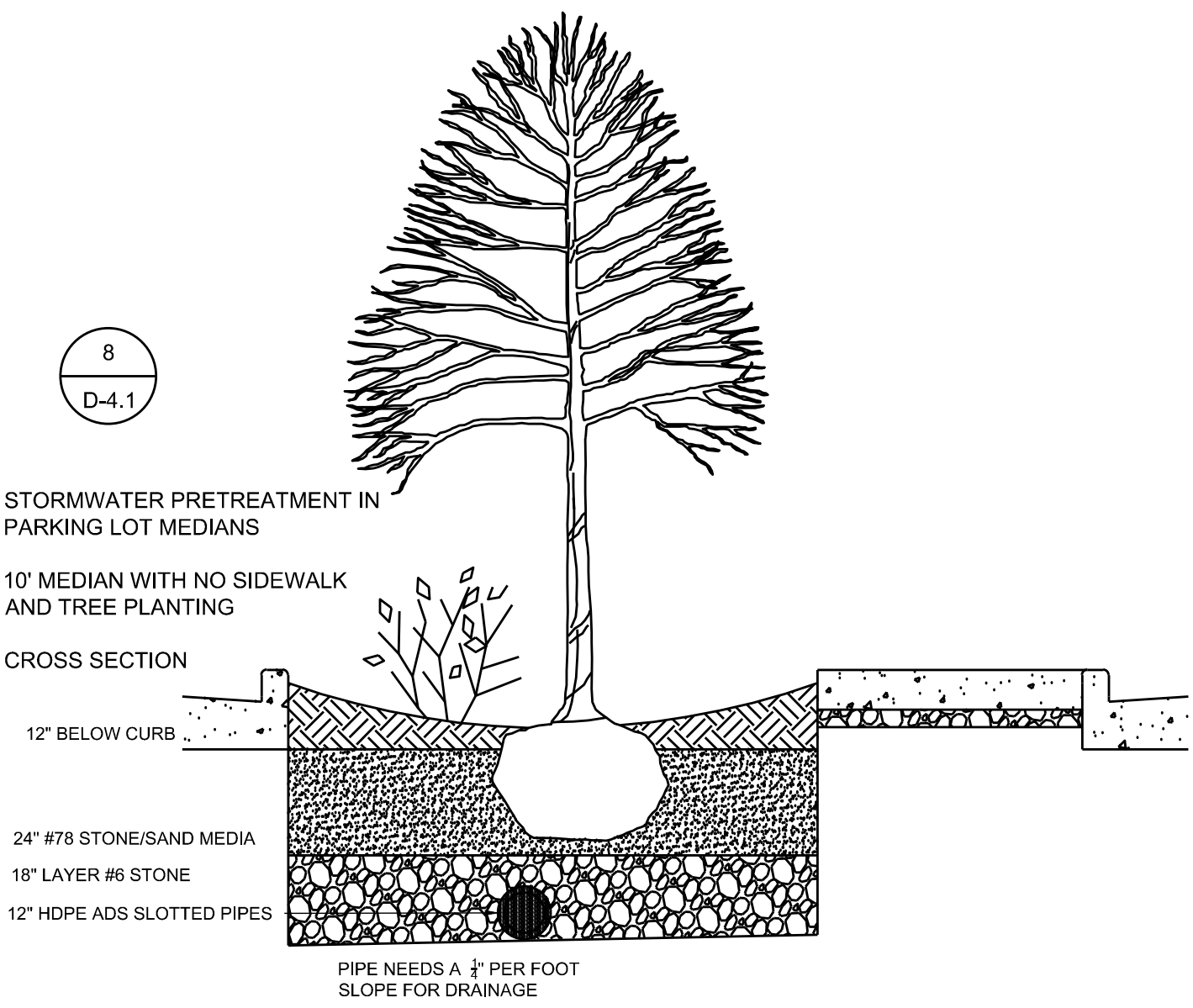
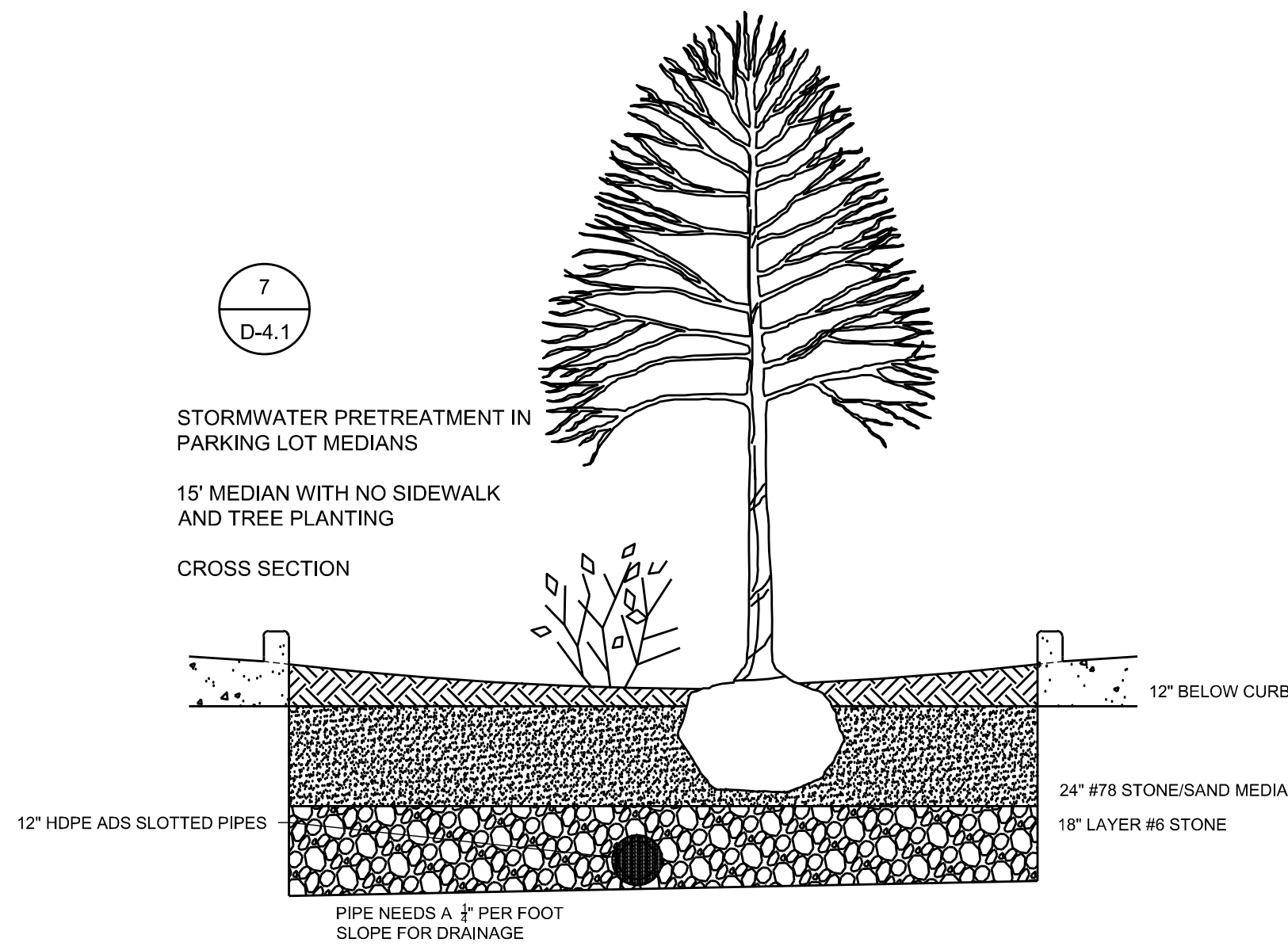
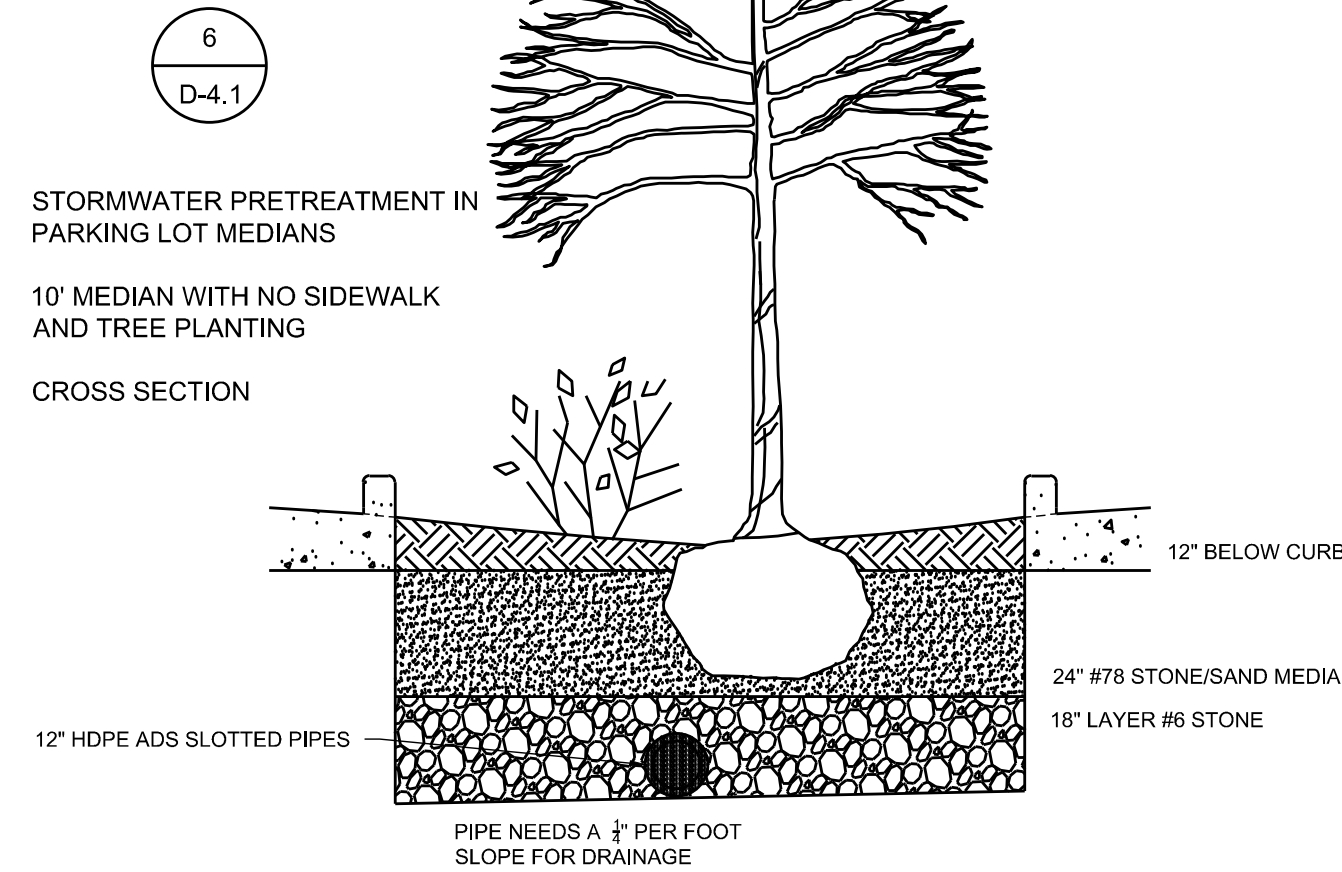
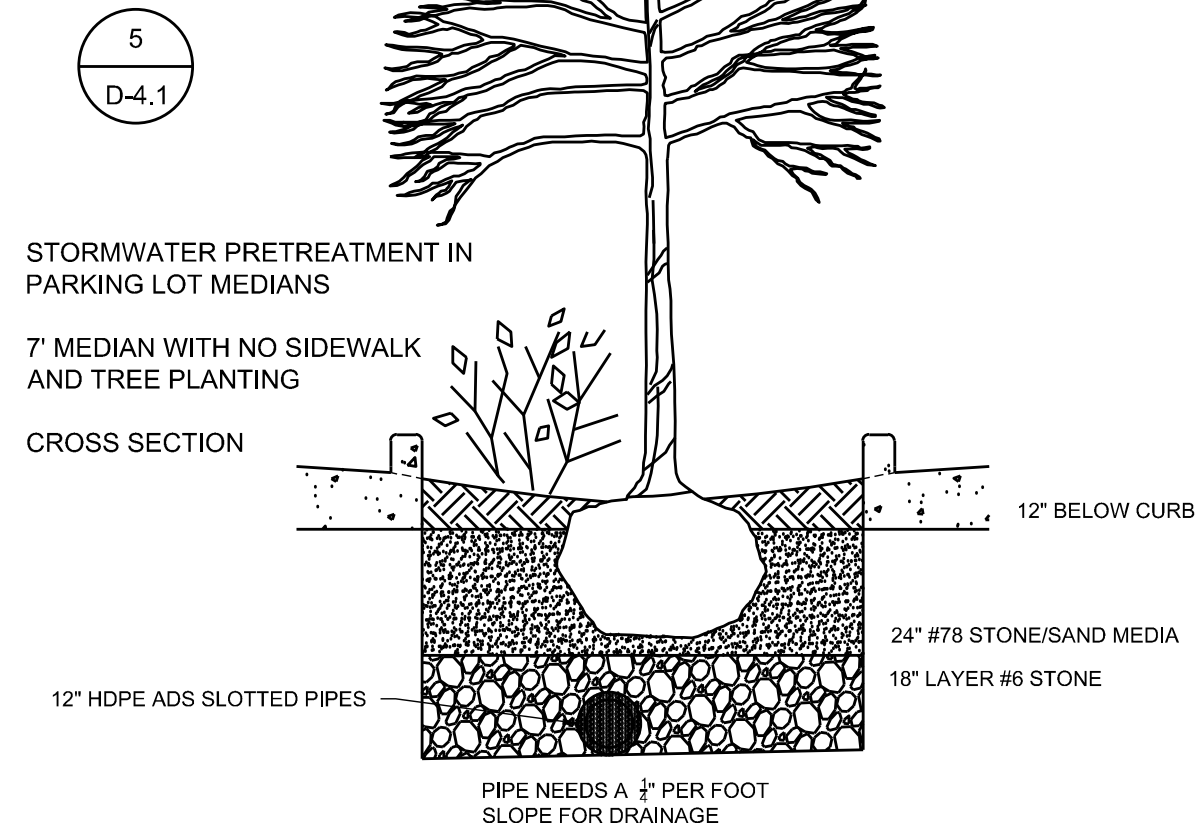
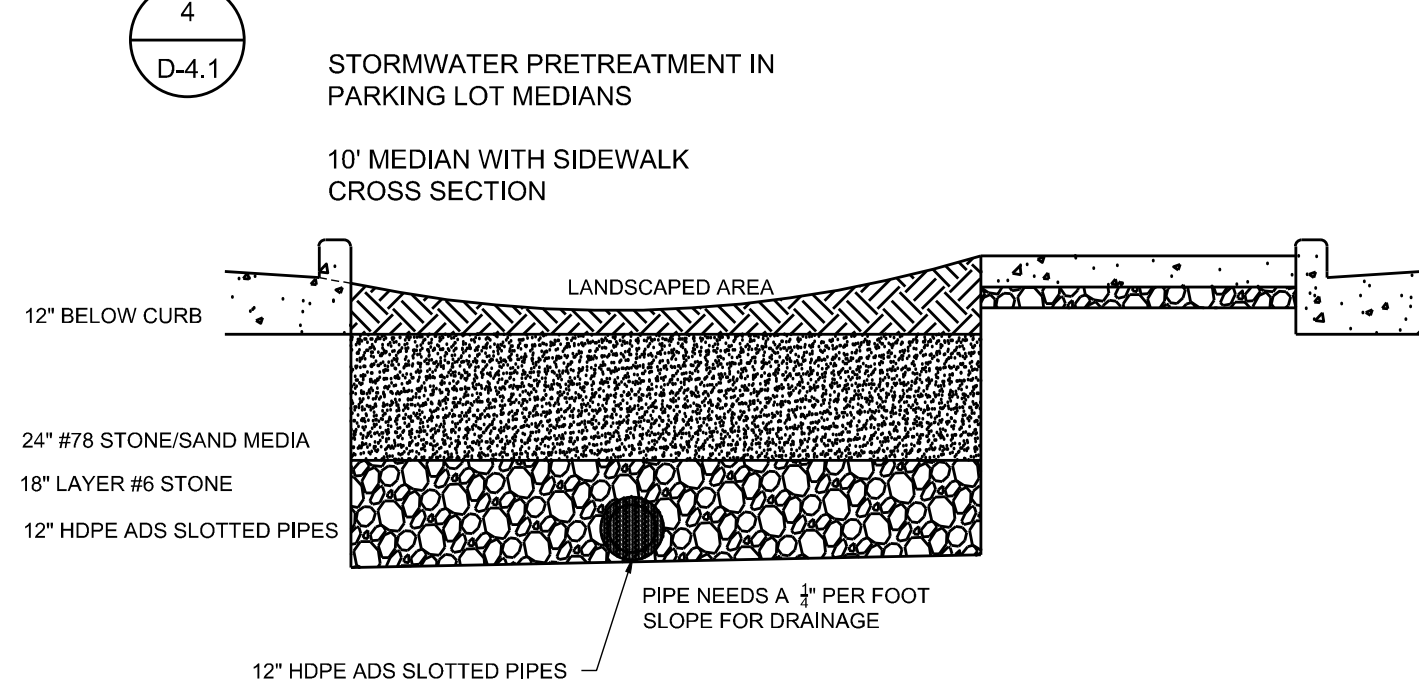
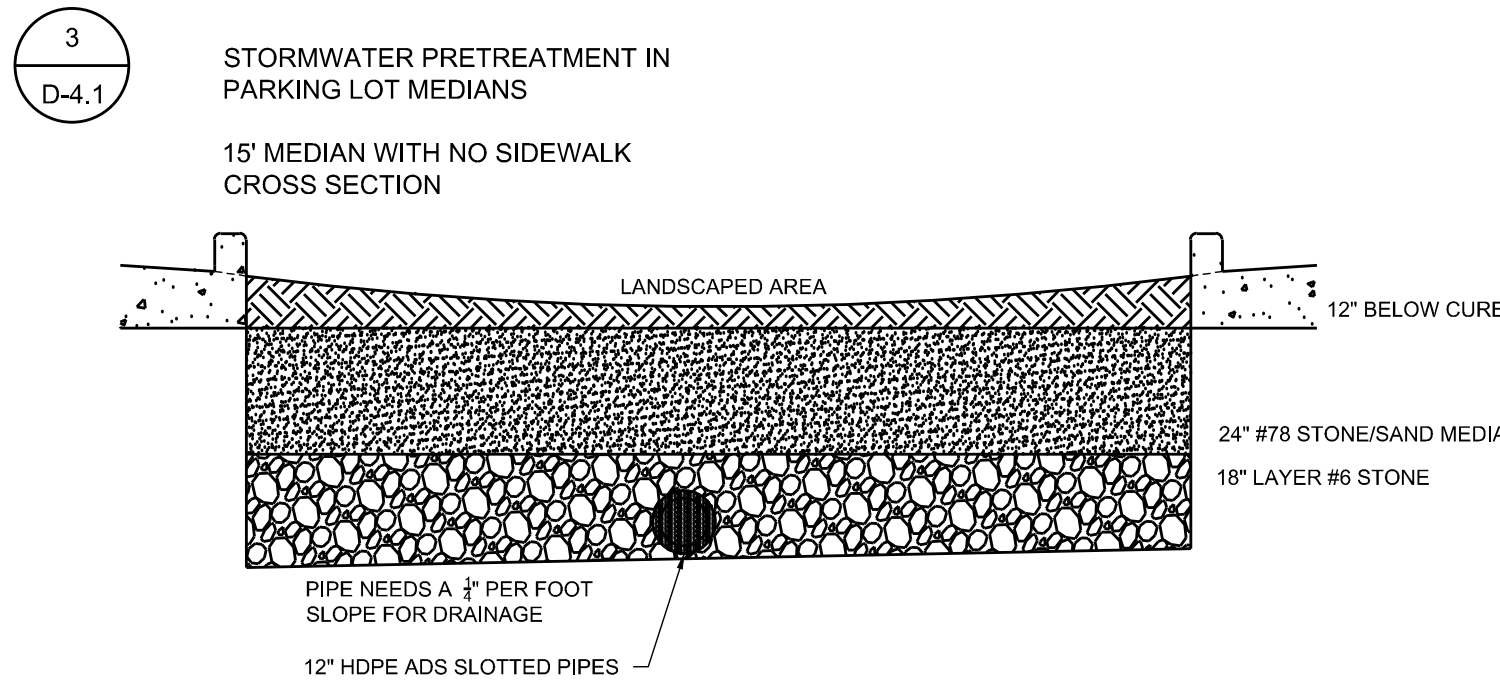
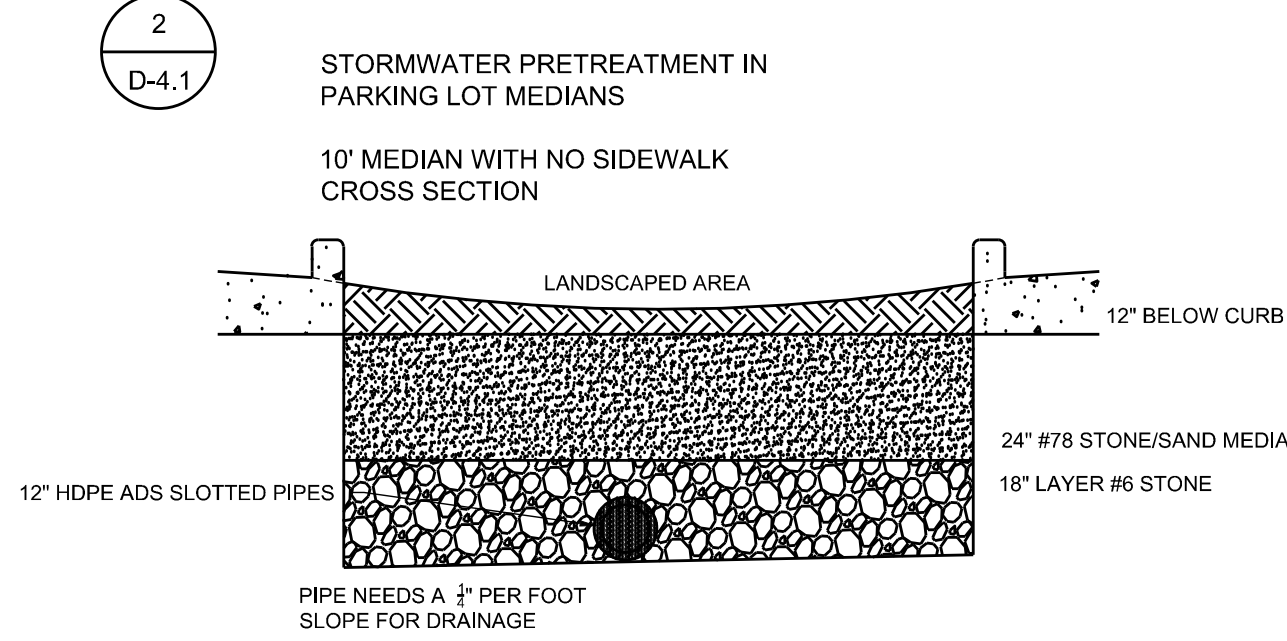
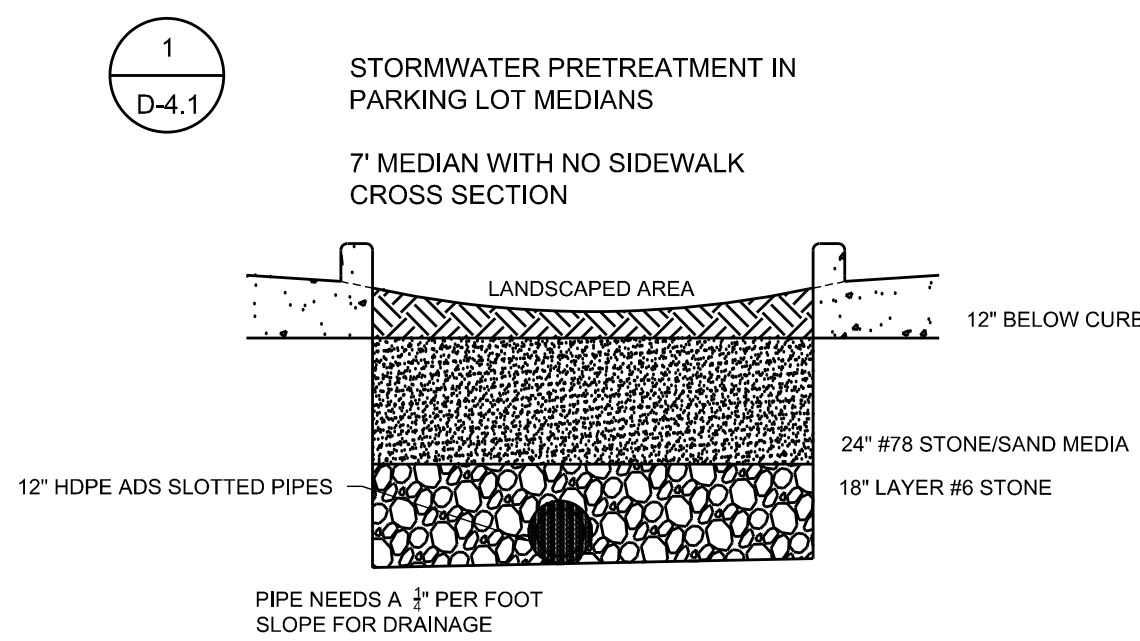
MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
STORM DRAINAGE DETAILS

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47 OF 59

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1	08/01/2025	SR
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4	05/01/2026	SR
	08/28/2026	SR



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MITCHELL MILL MARKET
TOWN OF ROLLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
STORM DRAINAGE DETAILS

DRAWING SHEET	48 OF 59
------------------	----------

WT END CAPS
12" - 60" DIAMETER

PART #	PIPE SIZE	A
1201AN65B	12 in (300 mm)	6.5 in (5 mm)
1501AN65B	15 in (375 mm)	7.8 in (197 mm)
1801AN65B	18 in (450 mm)	8.9 in (7 mm)
2101AN65B	21 in (525 mm)	10.9 in (7 mm)
2401AN65B	24 in (600 mm)	7.5 in (191 mm)
3001AN65B	30 in (750 mm)	11.8 in (298 mm)

12"-30"
GASKET INCLUDED

WT END CAPS
12" - 60" DIAMETER

PART #	PIPE SIZE	A
3601AN65B	36 in (900 mm)	15.5 in (394 mm)
4201AN65B	42 in (1050 mm)	15.6 in (12 mm)
4801AN65B	48 in (1200 mm)	15.8 in (401 mm)
6001AN65B	60 in (1500 mm)	18.0 in (457 mm)

36"-60"
GASKET INCLUDED

WT END CAPS
12" - 60" DIAMETER

DRAWING #1 2105

DRAWN BY: NJP

APPROVED BY: JCB

REVISIONS: JUR

07.30.06

06.25.07

4/20/2016

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

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INJECTION MOLDED 90° BEND
4" - 12" DIAMETER

PART #	PIPE SIZE	A	JOINT
1299ST	12 in (300 mm)	11.3 in (286 mm)	ST
1299WT	12 in (300 mm)	11.3 in (286 mm)	WT

NOTE:
FITTINGS WHOSE PART NUMBERS END WITH "WT"
HAVE WATER TIGHT BELL CONNECTIONS. WATER
TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND
REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE
TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)

FITTINGS WHOSE PART NUMBERS END WITH "ST"
HAVE SOIL TIGHT BELL CONNECTIONS. SOIL TIGHT
BELLS HAVE MOLDED CLEATS AND REQUIRE NO
GASKET TO MAKE CONNECTION TO DUAL WALL PIPE.

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

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INJECTION MOLDED 90° BEND
4" - 12" DIAMETER

DRAWING #1 3300

DRAWN BY: JCB

APPROVED BY: JCB

REVISIONS: NJP

07.31.06

06.15.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

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INJECTION MOLDED 90° BEND
4" - 12" DIAMETER

PART #	PIPE SIZE	A	JOINT
0260ST	12 in (300 mm)	22.4 in (562 mm)	ST
0484WT	12 in (300 mm)	22.4 in (562 mm)	WT
0661ST	6 in (150 mm)	10.5 in (266 mm)	ST
0661WT	6 in (150 mm)	10.5 in (266 mm)	WT
0862ST	8 in (200 mm)	13.8 in (350 mm)	ST
0862WT	8 in (200 mm)	13.8 in (350 mm)	WT
1063ST	10 in (250 mm)	17.9 in (454 mm)	ST
1063WT	10 in (250 mm)	17.9 in (454 mm)	WT
1264ST	12 in (300 mm)	22.5 in (572 mm)	ST
1264WT	12 in (300 mm)	22.5 in (572 mm)	WT

NOTE:
FITTINGS WHOSE PART NUMBERS END WITH "WT"
HAVE WATER TIGHT BELL CONNECTIONS. WATER
TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND
REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE
TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)

FITTINGS WHOSE PART NUMBERS END WITH "ST"
HAVE SOIL TIGHT BELL CONNECTIONS. SOIL TIGHT
BELLS HAVE MOLDED CLEATS AND REQUIRE NO
GASKET TO MAKE CONNECTION TO DUAL WALL PIPE.

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

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INJECTION MOLDED 90° BEND
4" - 12" DIAMETER

DRAWING #1 3000

DRAWN BY: JCB

APPROVED BY: JCB

REVISIONS: NJP

07.28.08

06.28.07

06.15.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

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AdvanEDGE™ FABRICATED WYES

PART #	PIPE SIZE	A	B
1480AN	12 in (300 mm)	26.0 in (660 mm)	13.0 in (330 mm)

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

AdvanEDGE™ FABRICATED WYES

DRAWING #1 1115A

DRAWN BY: JCB

APPROVED BY: JCB

REVISIONS: NJP

04.06.06

06.25.07

06.12.07

01.25.23

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

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AdvanEDGE™ FABRICATED TEES

PART #	PIPE SIZE	A	B
1460ANH	12 in (300 mm)	28.9 in (733 mm)	14.4 in (367 mm)

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

AdvanEDGE™ FABRICATED TEES

DRAWING #1 1120

DRAWN BY: JCB

APPROVED BY: JCB

REVISIONS: NJP

04.06.06

06.25.07

06.12.07

01.25.23

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

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HP STORM TRENCH INSTALLATION DETAIL

TABLE 1. RECOMMENDED MINIMUM TRENCH WIDTHS

PIPE DIAM.	MIN. TRENCH WIDTH
12"	24"
15"	24"
18"	24"
21"	24"
24"	24"
30"	24"
36"	24"
42"	24"
48"	24"
60"	24"
72"	24"
84"	24"
96"	24"
108"	24"
120"	24"

TABLE 2. MINIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS

PIPE DIAM.	H-20	HEAVY CONSTRUCTION
12"	12"	12"
15"	12"	12"
18"	12"	12"
21"	12"	12"
24"	12"	12"
30"	12"	12"
36"	12"	12"
42"	12"	12"
48"	12"	12"
60"	12"	12"
72"	12"	12"
84"	12"	12"
96"	12"	12"
108"	12"	12"
120"	12"	12"

TABLE 3. MAXIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 4. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 5. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 6. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 7. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 8. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 9. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 10. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 11. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 12. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 13. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

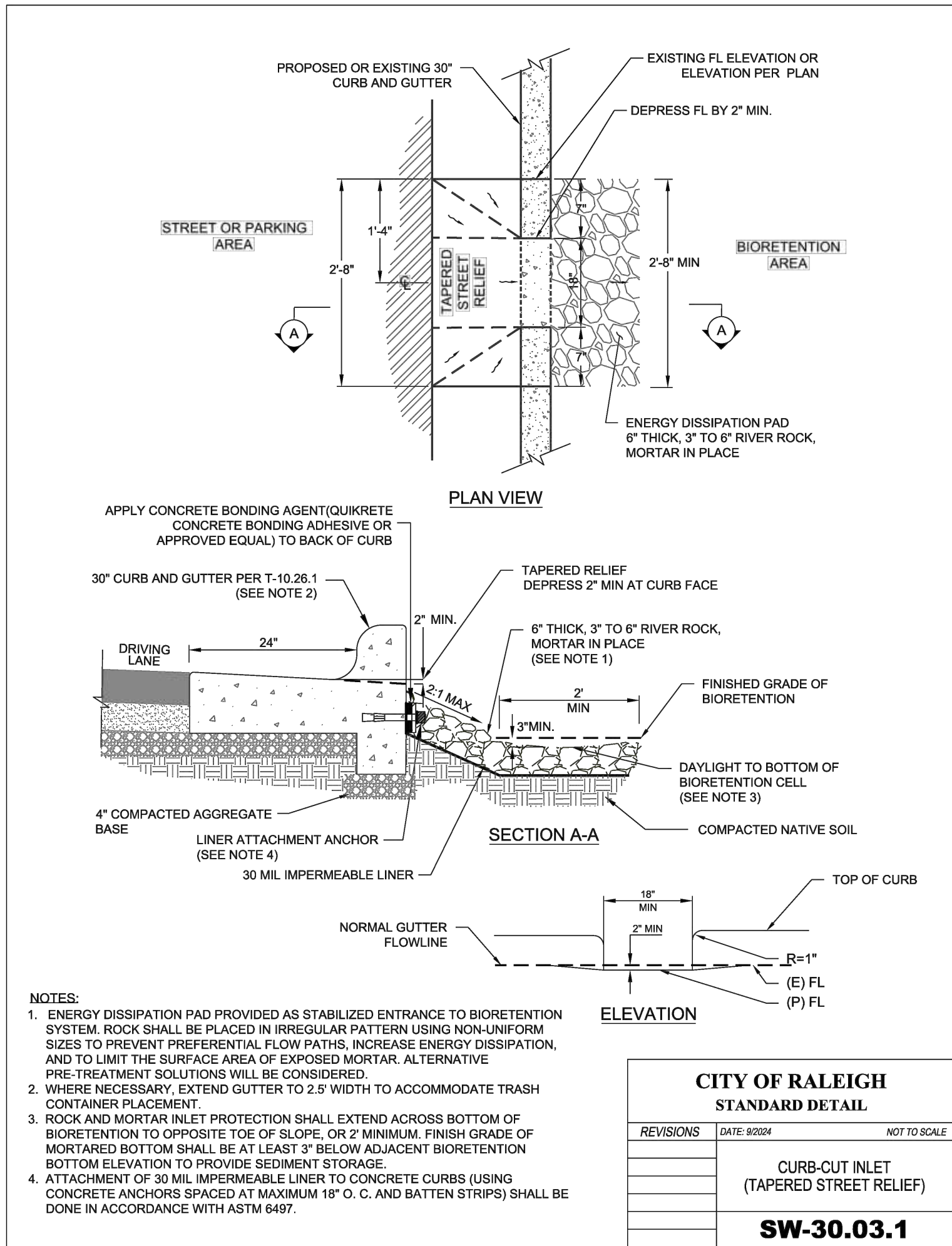
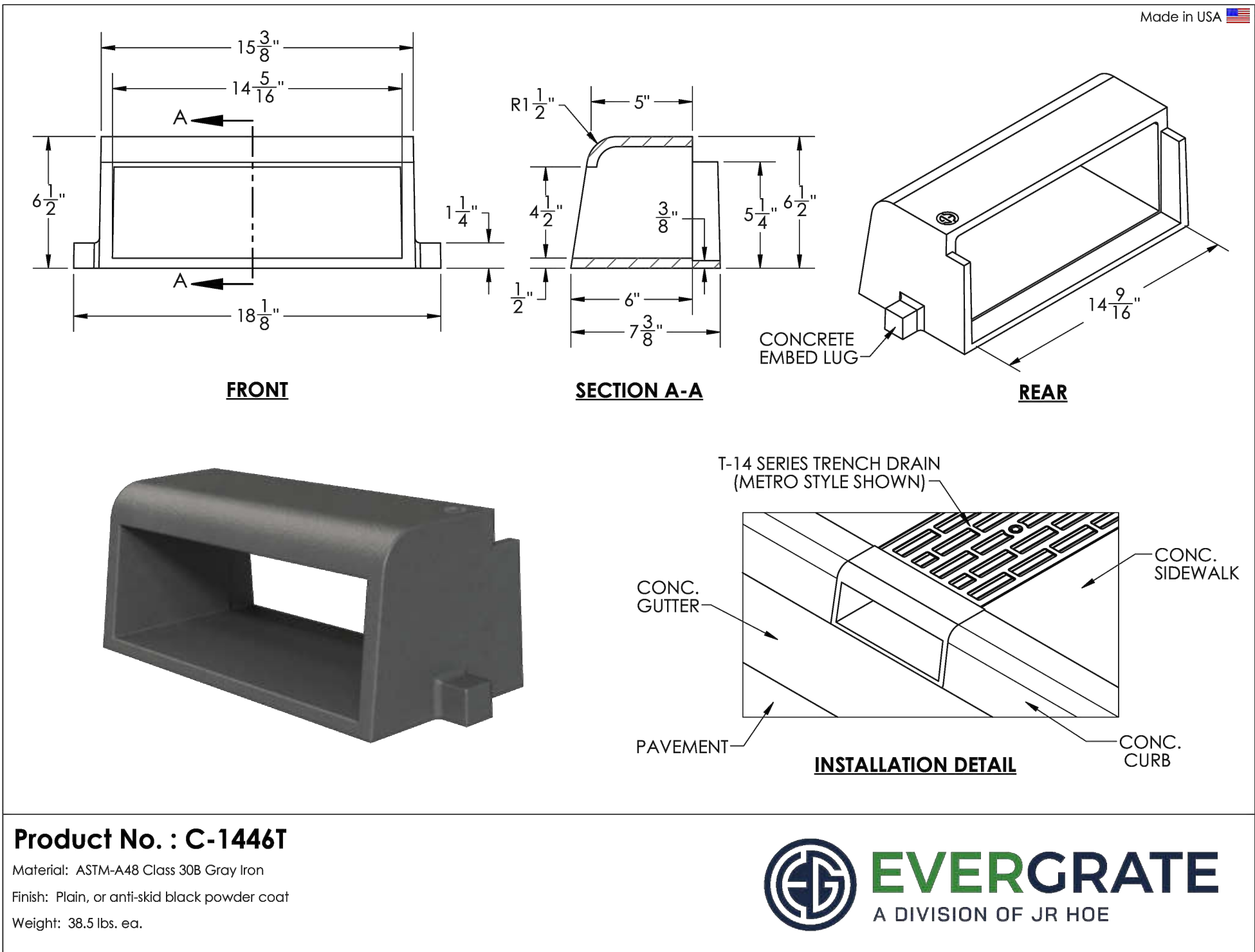
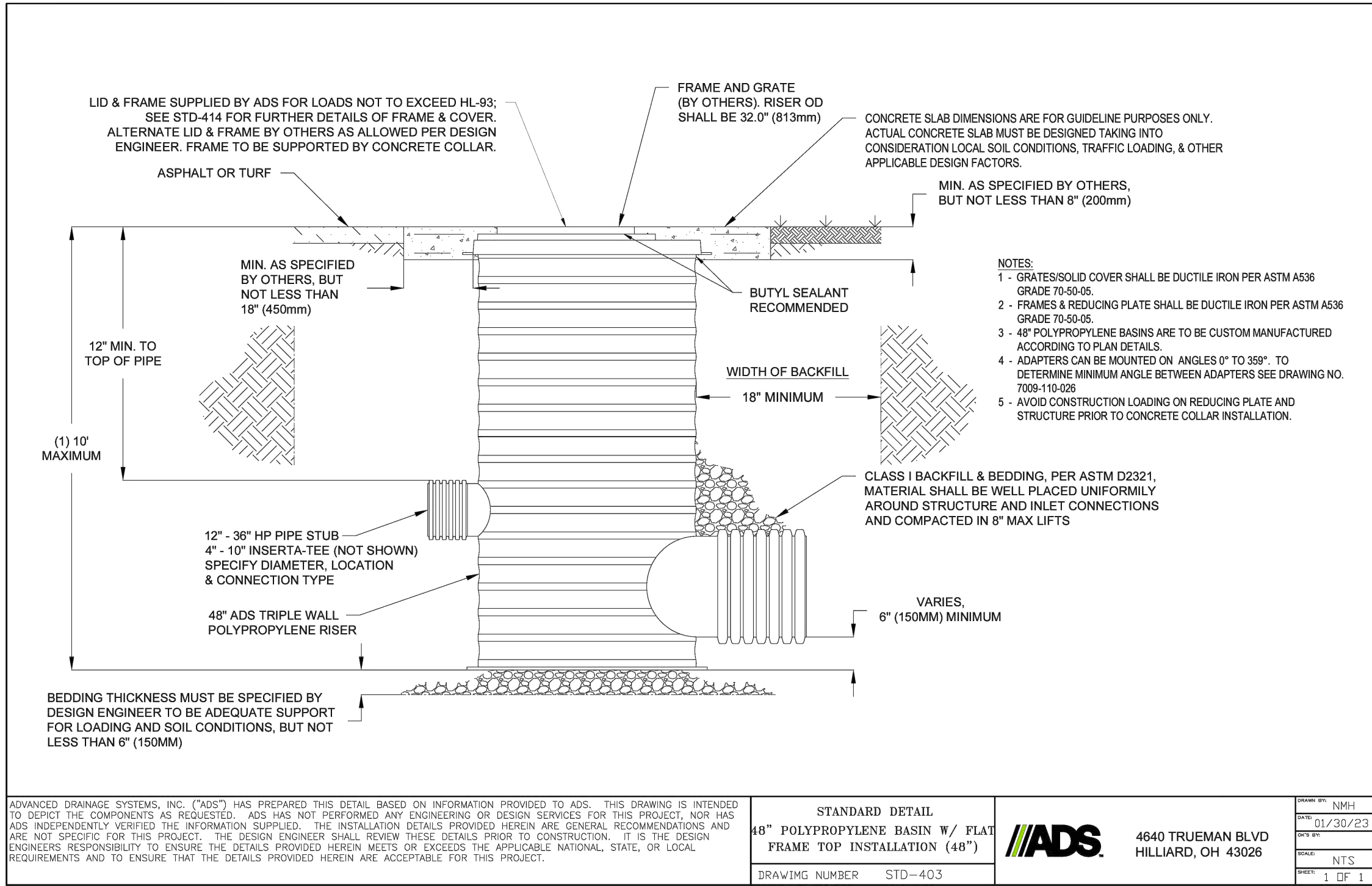
TABLE 14. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16
48"	44	30	21	16
60"	44	30	21	16
72"	44	30	21	16
84"	44	30	21	16
96"	44	30	21	16
108"	44	30	21	16
120"	44	30	21	16

TABLE 15. MINIMUM COVER FOR ADS HP STORM PIPE, R

PIPE DIA	CLASS I	CLASS II	CLASS III	CLASS IV
12"	41	28	21	16
15"	42	28	21	16
18"	44	30	21	16
21"	44	30	21	16
24"	44	30	21	16
30"	44	30	21	16
36"	44	30	21	16
42"	44	30	21	16

4



CD SUBMITTAL #1	SP/EC	DATE	BY
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2	SP/EC	03/02/2026	
3	SP/EC	05/01/2026	
4	SP/EC	08/28/2026	

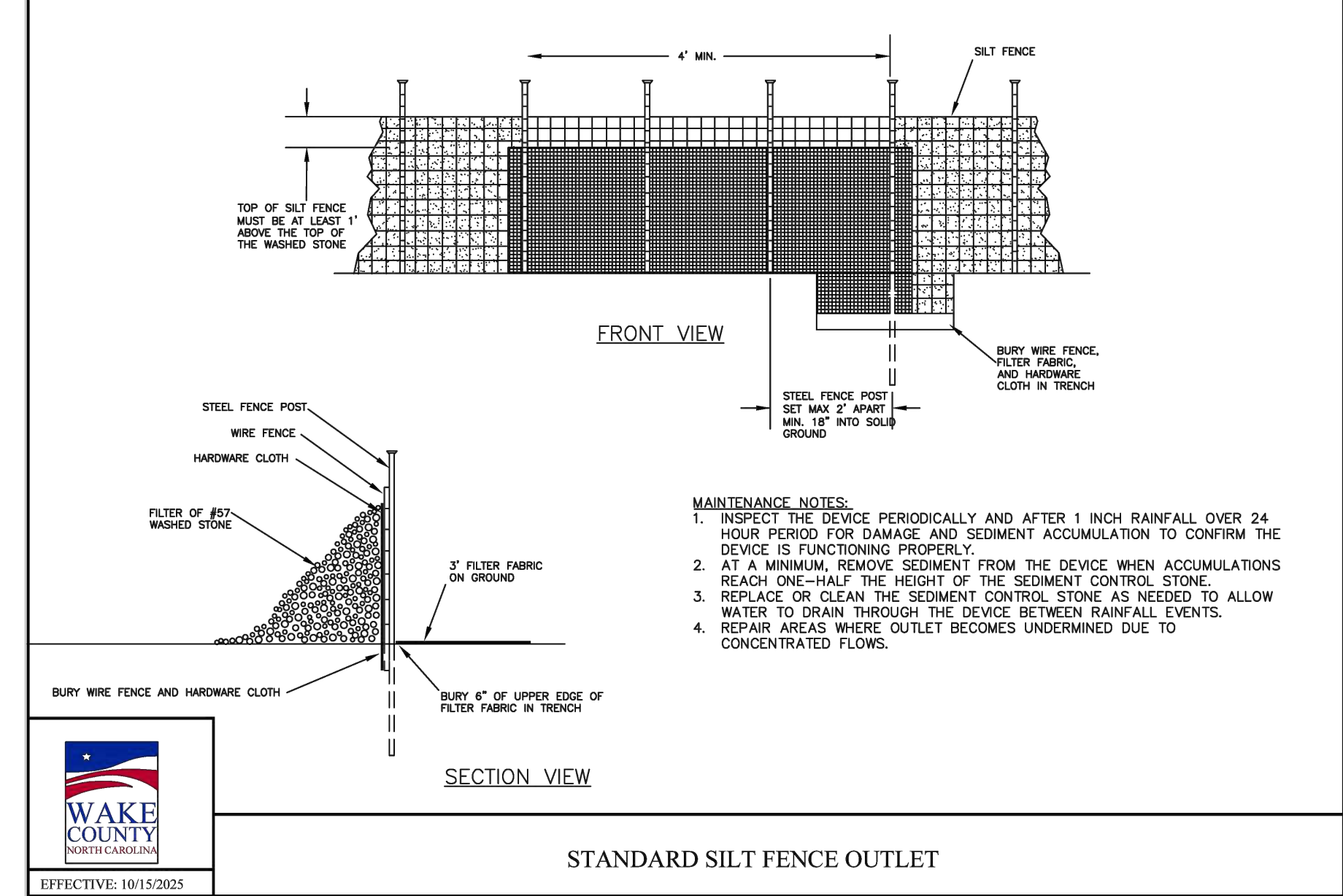
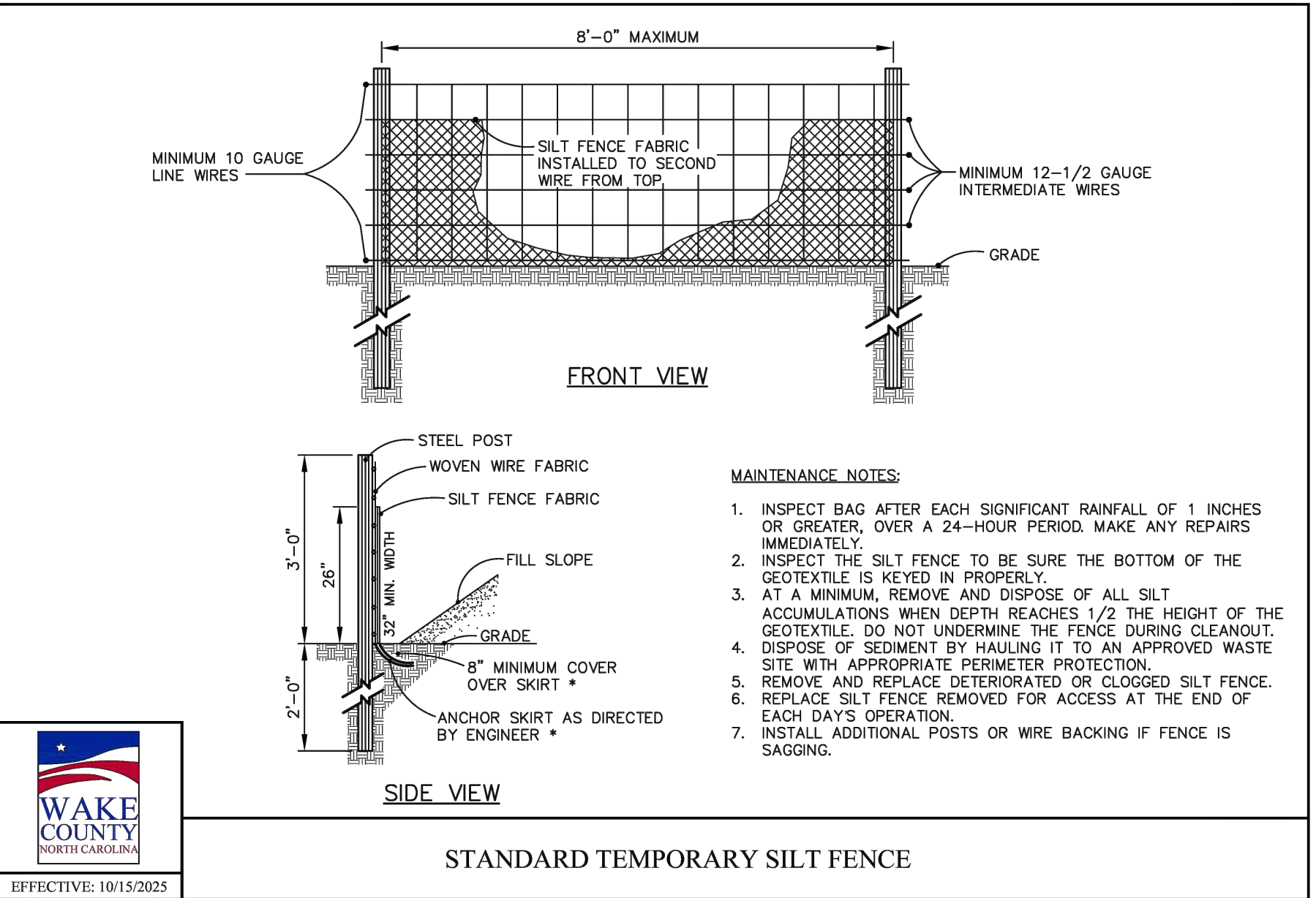
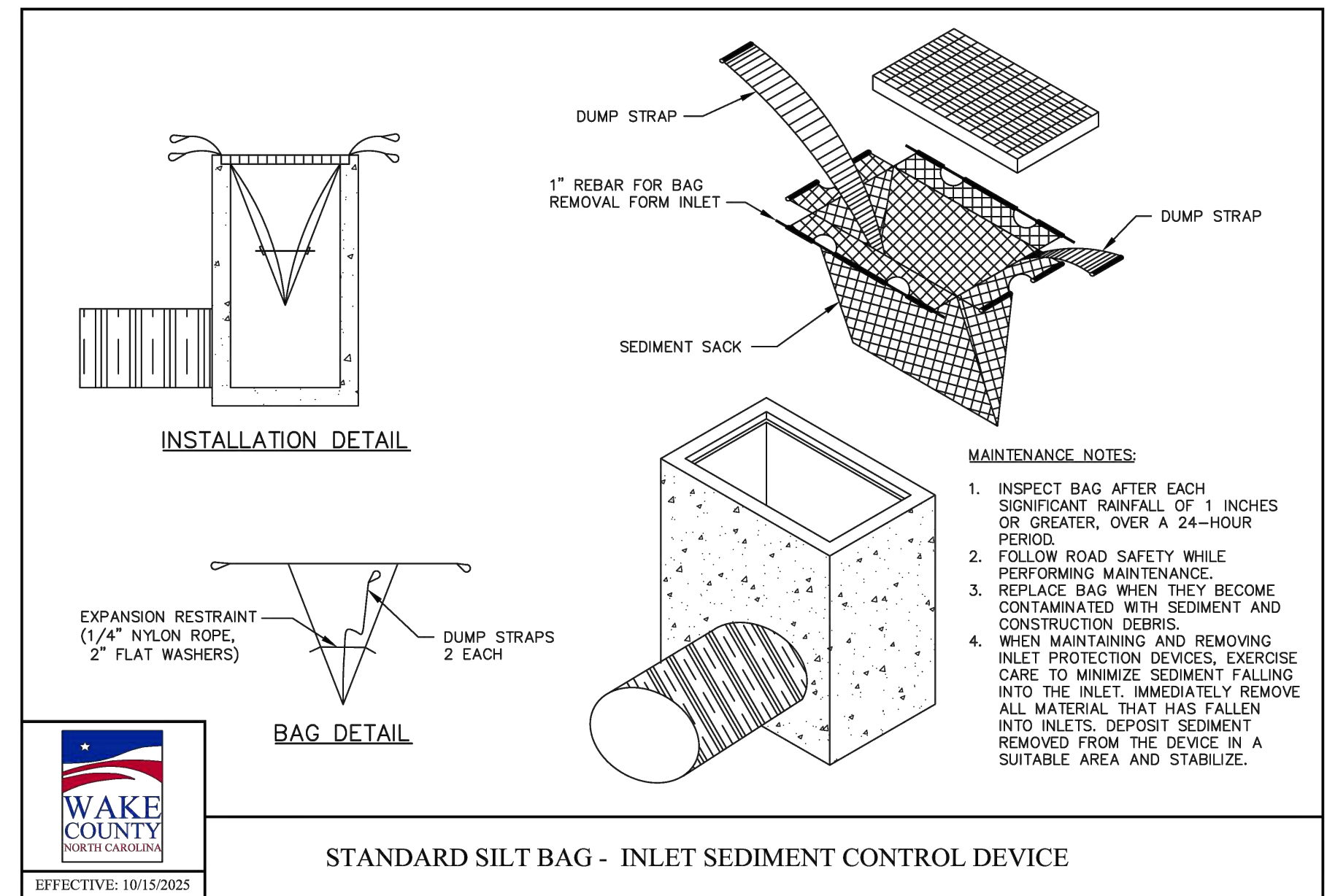
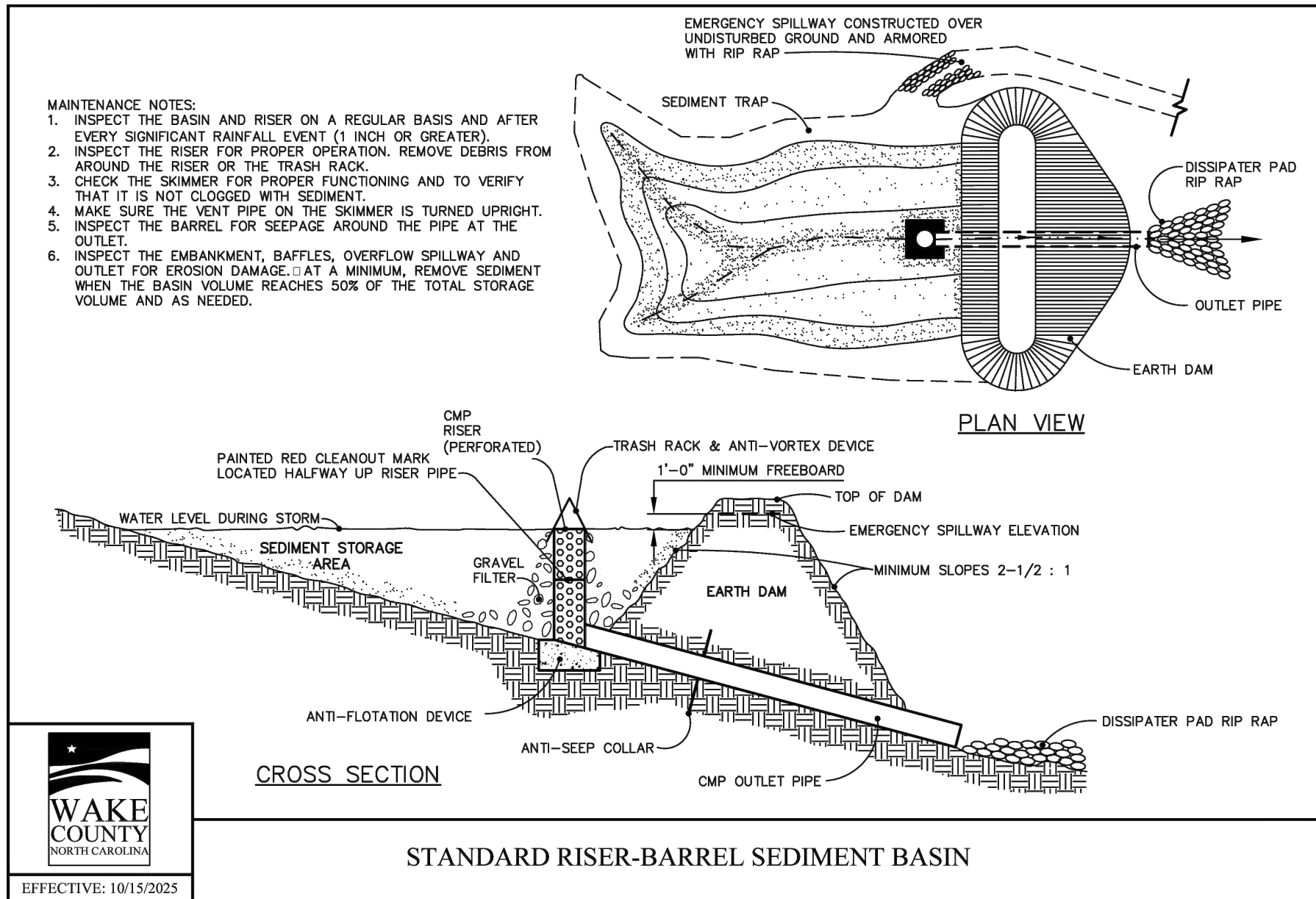
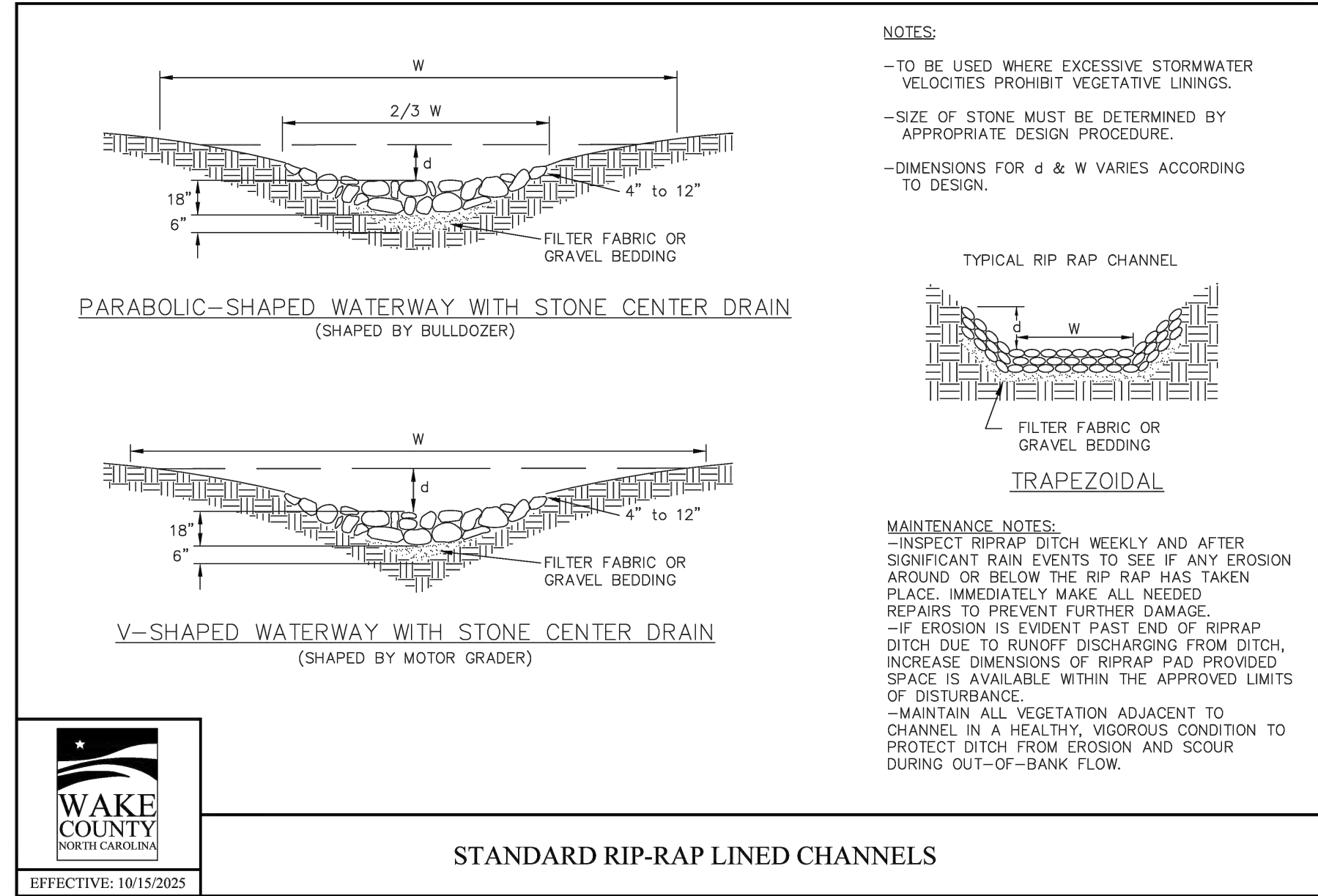
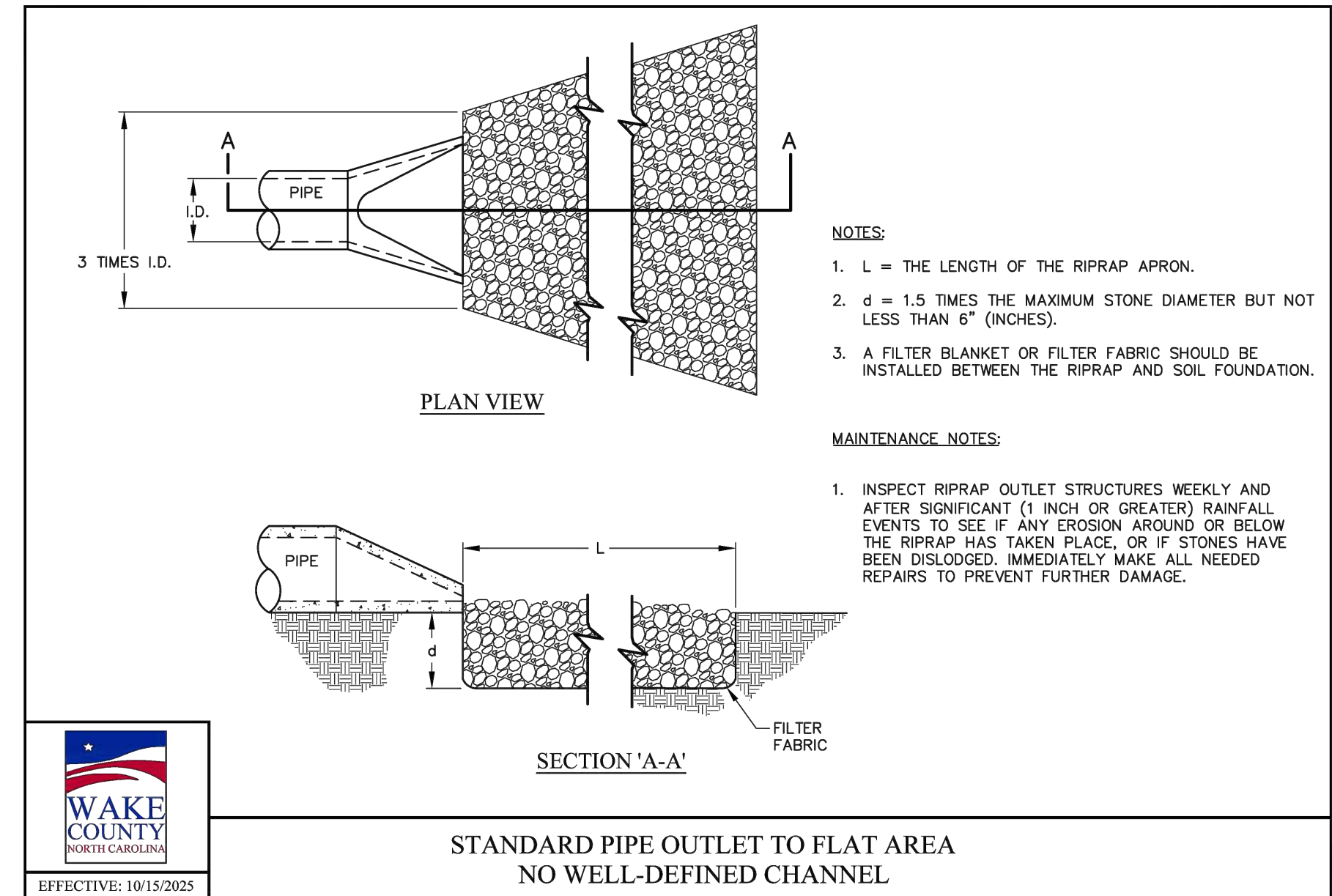
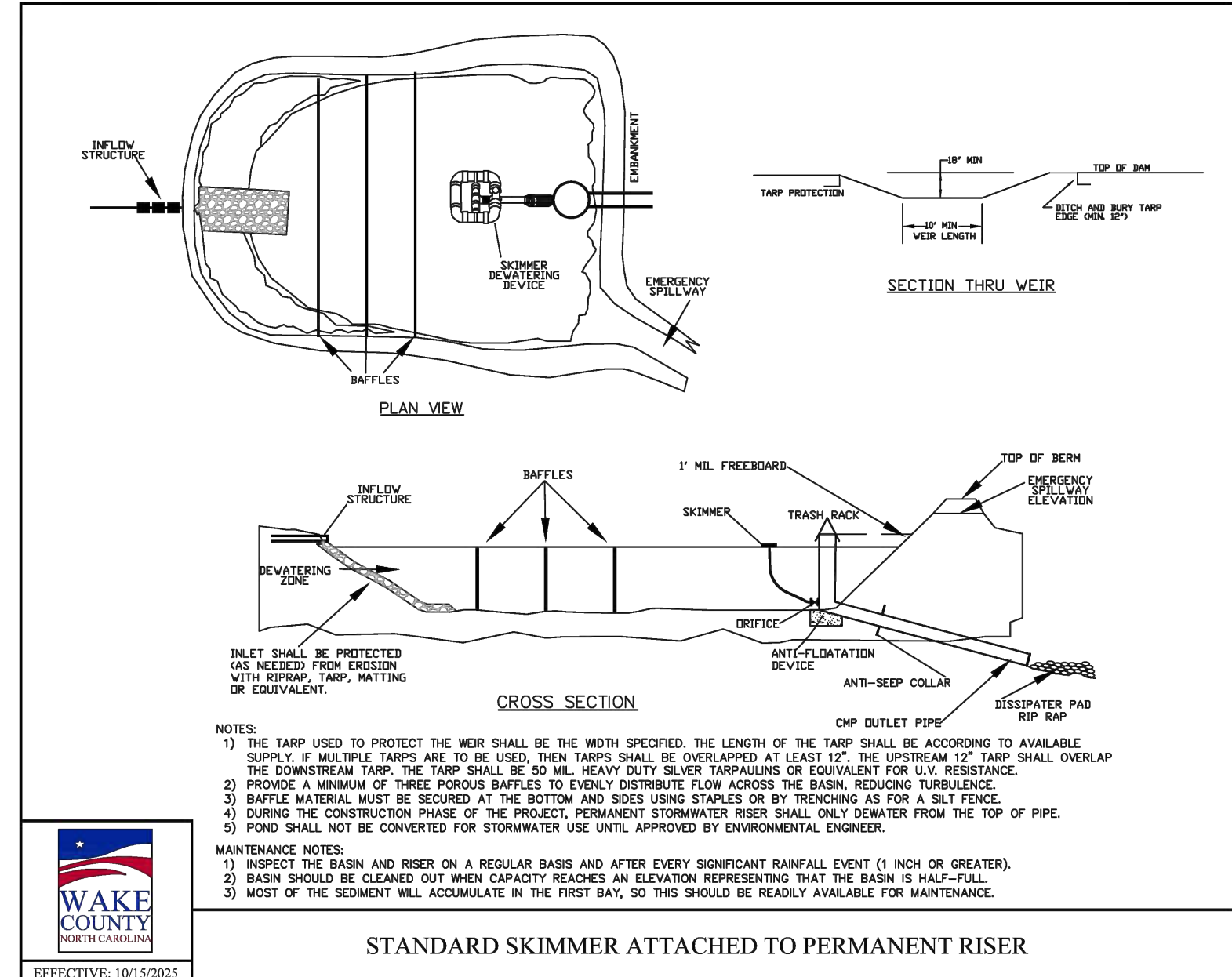
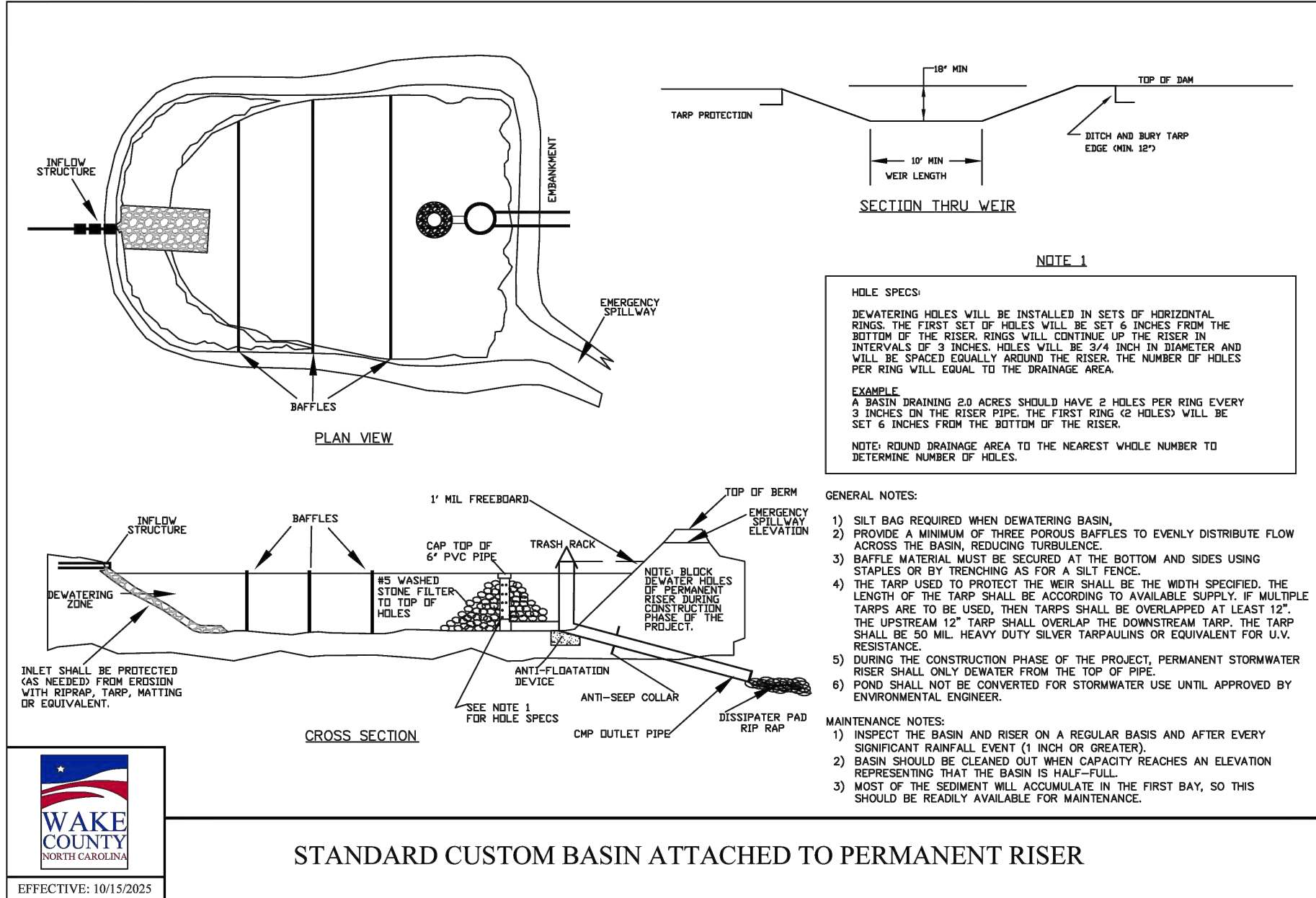
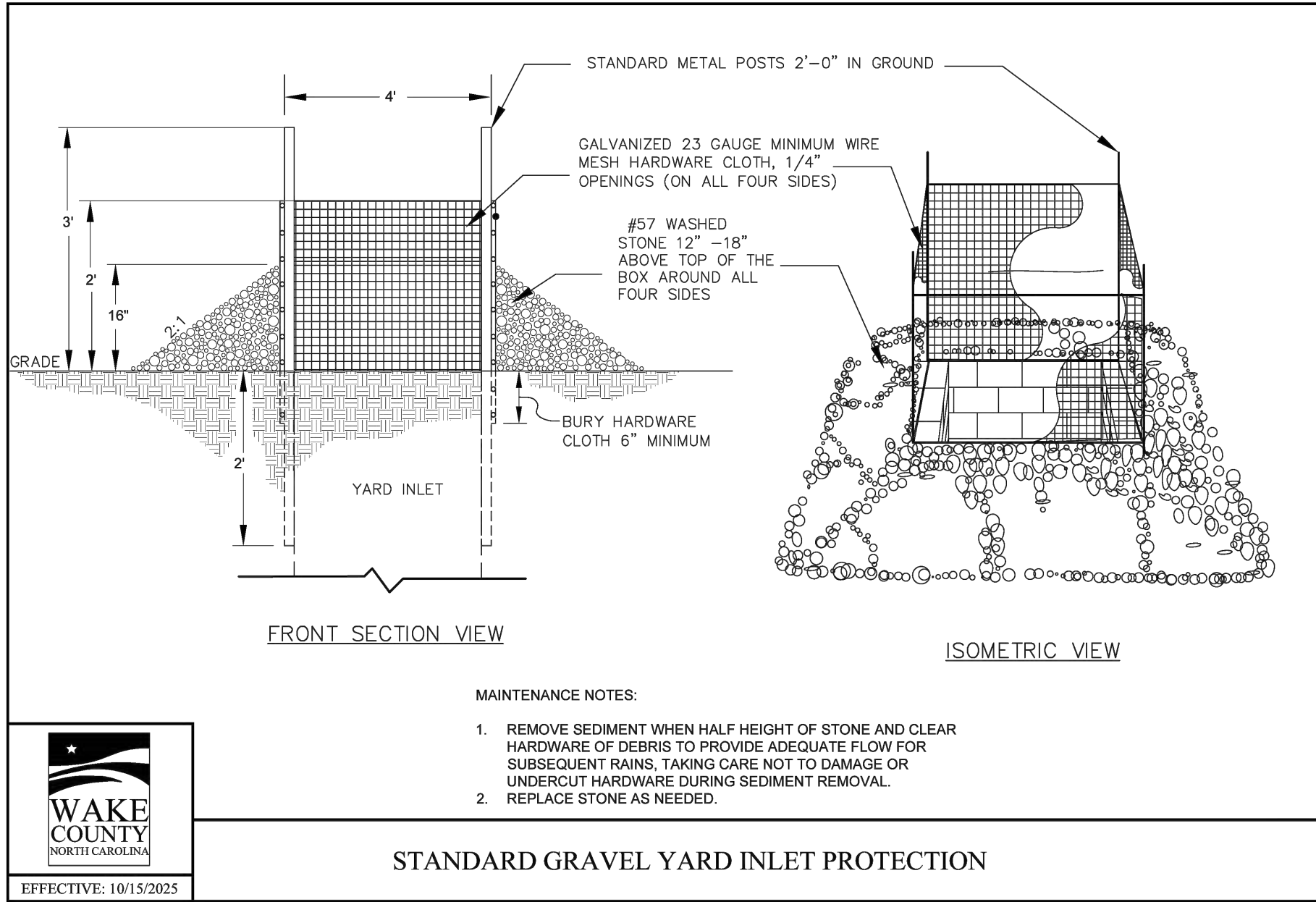


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STRONG ROCK PROJECT PSR-23-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY SRG	DRAWN BY SRG	CHECKED BY SRG
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MITCHELL MILL MARKET
TOWN OF ROLLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
STORM DRAINAGE DETAILS

DRAWING SHEET
D-4.5



CD SUBMITTAL #1	DATE	BY
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1	10/07/2025	SRG
2	03/02/2026	SRG
3	05/01/2026	SRG
4	08/28/2026	SRG
REVISIONS		
No.		

SEAL

8/28/2026

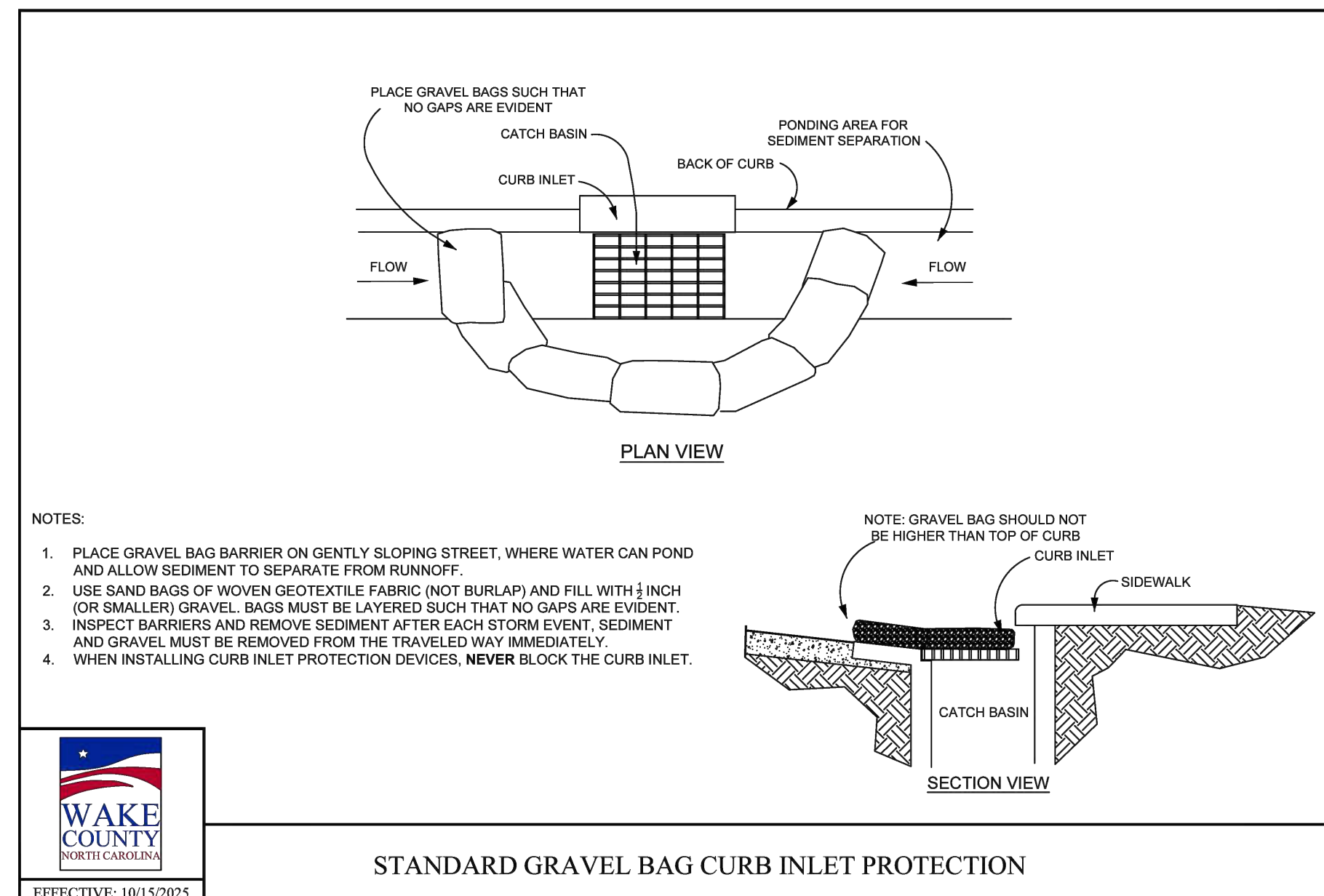
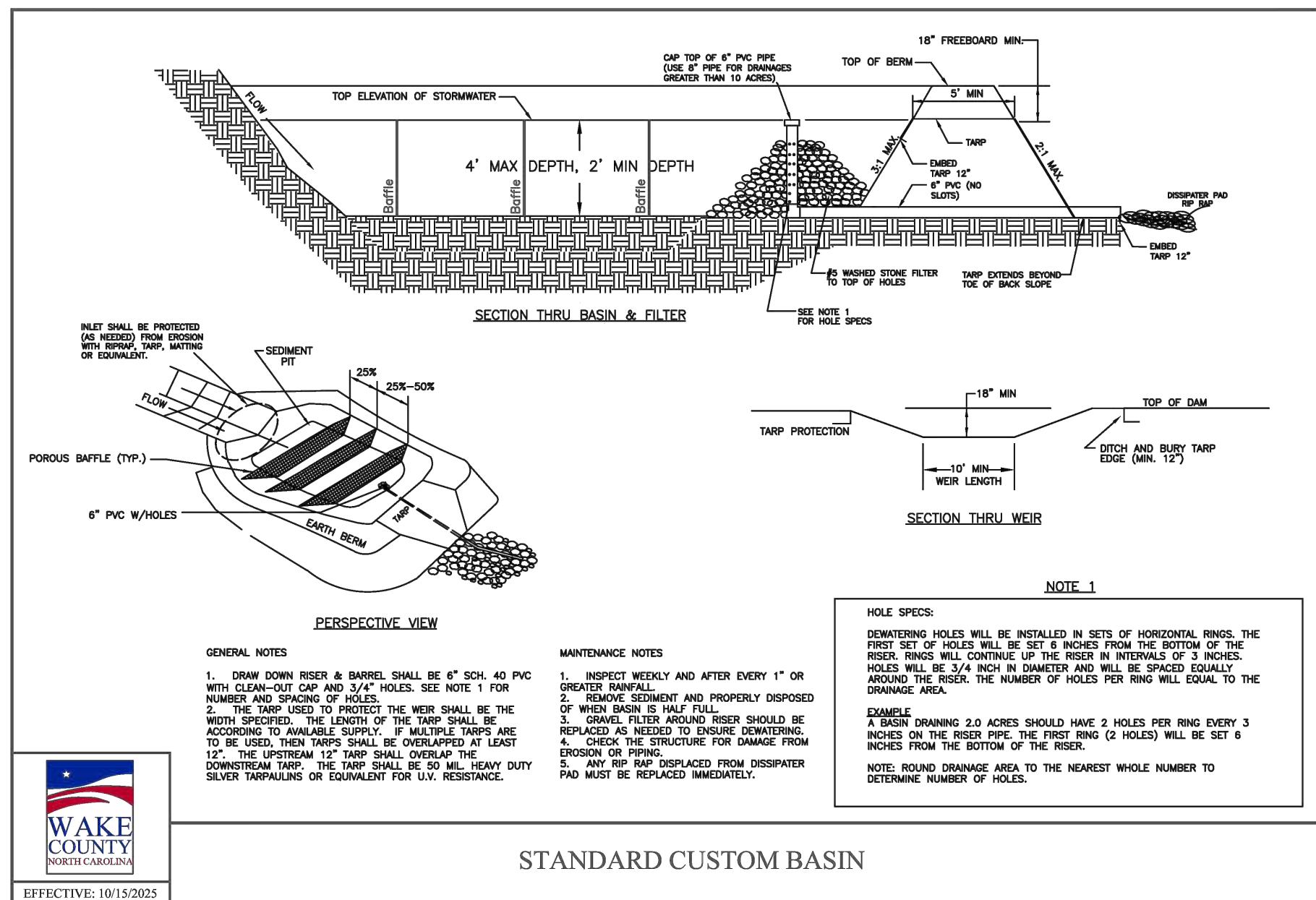
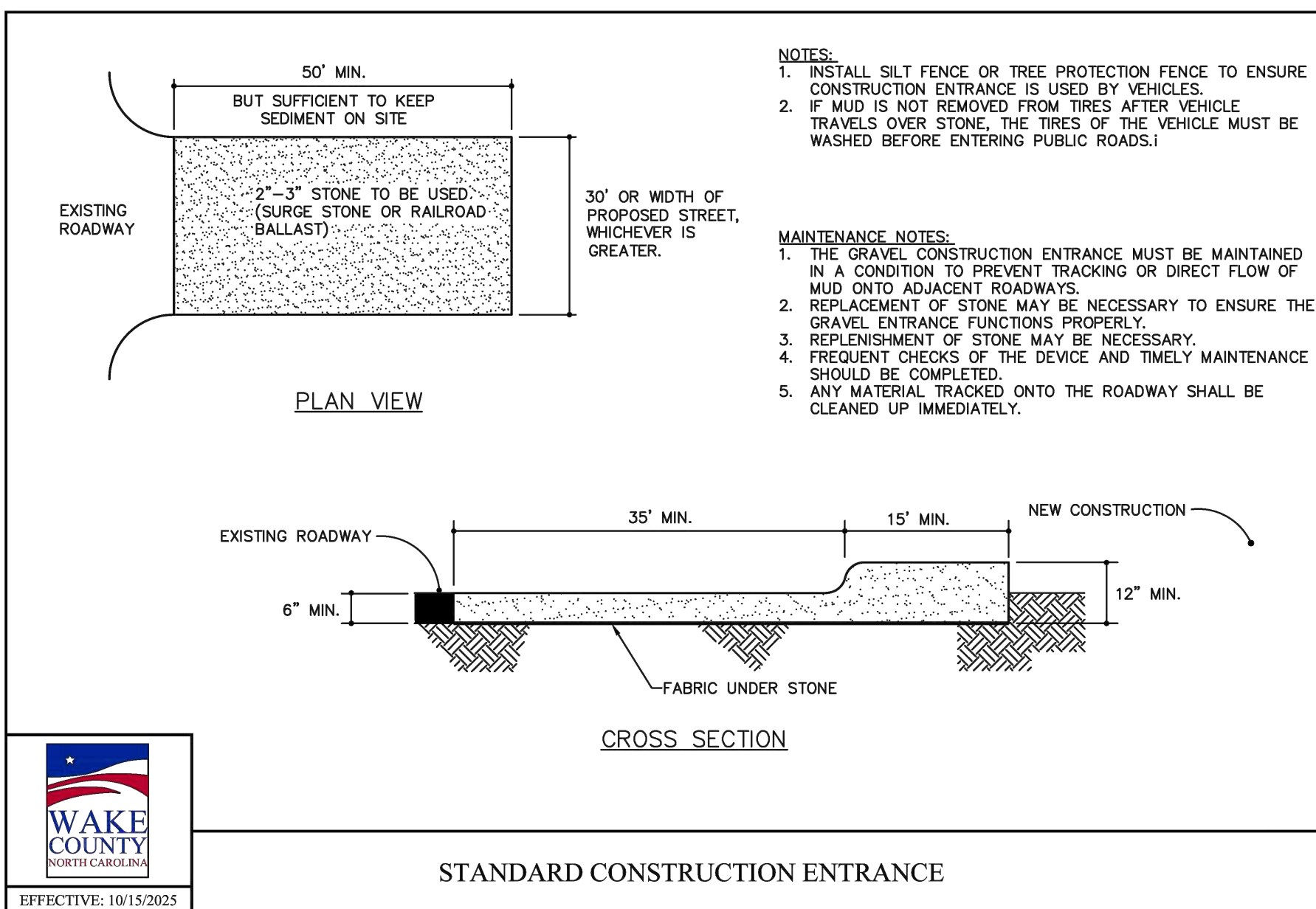
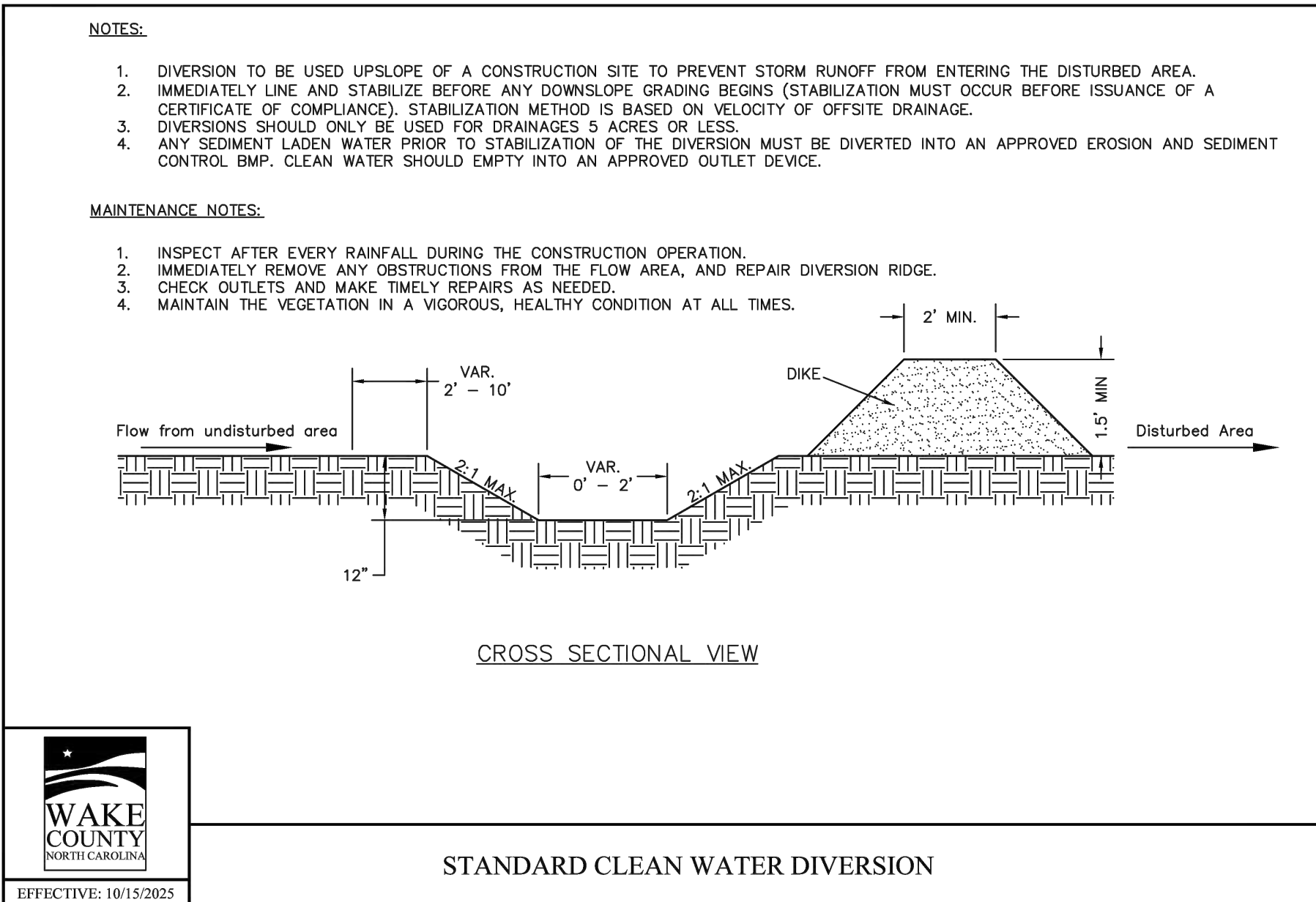
PROFESSIONAL ENGINEER
STATE OF NORTH CAROLINA
040779
THOMAS M. THOMPSON

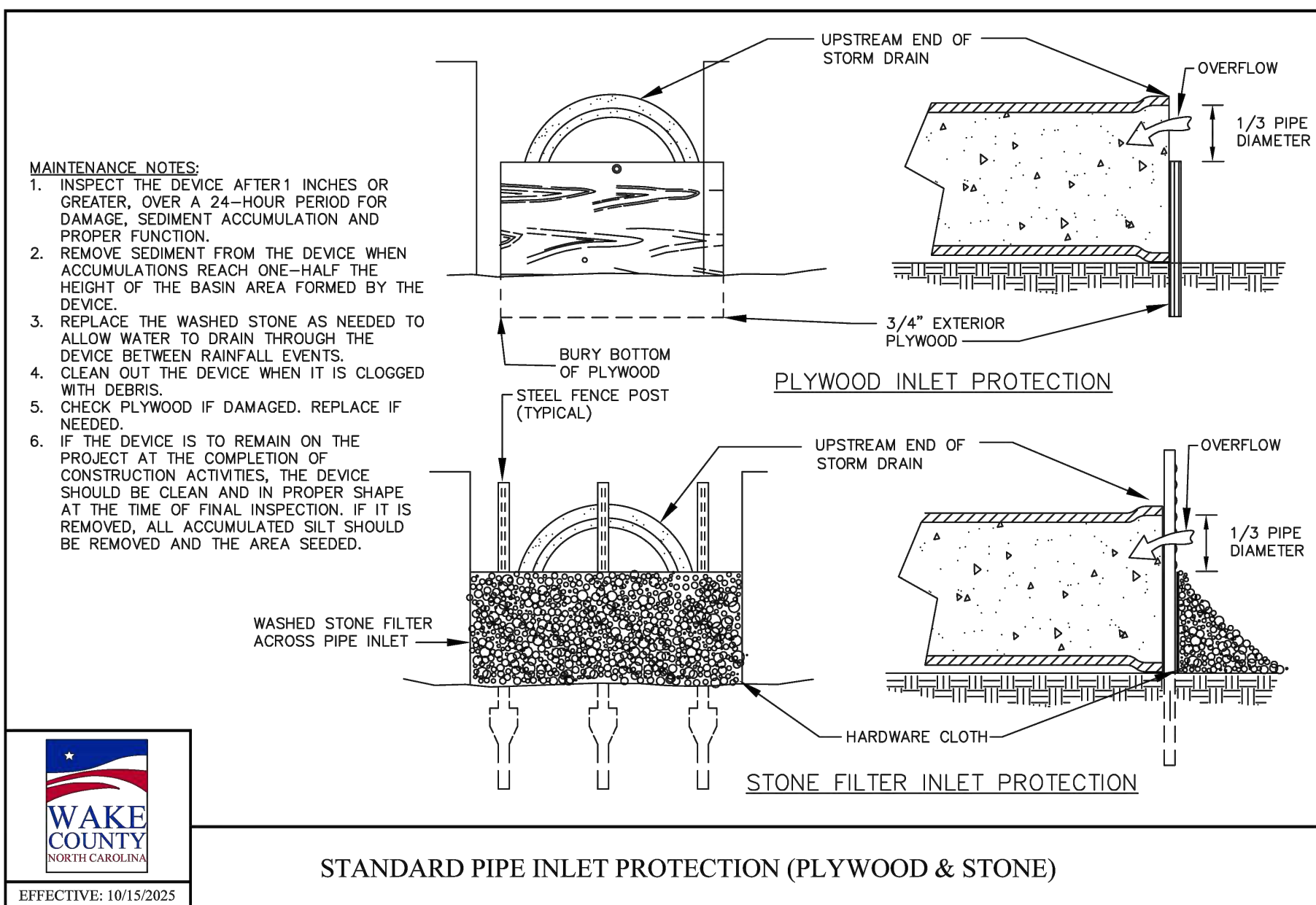
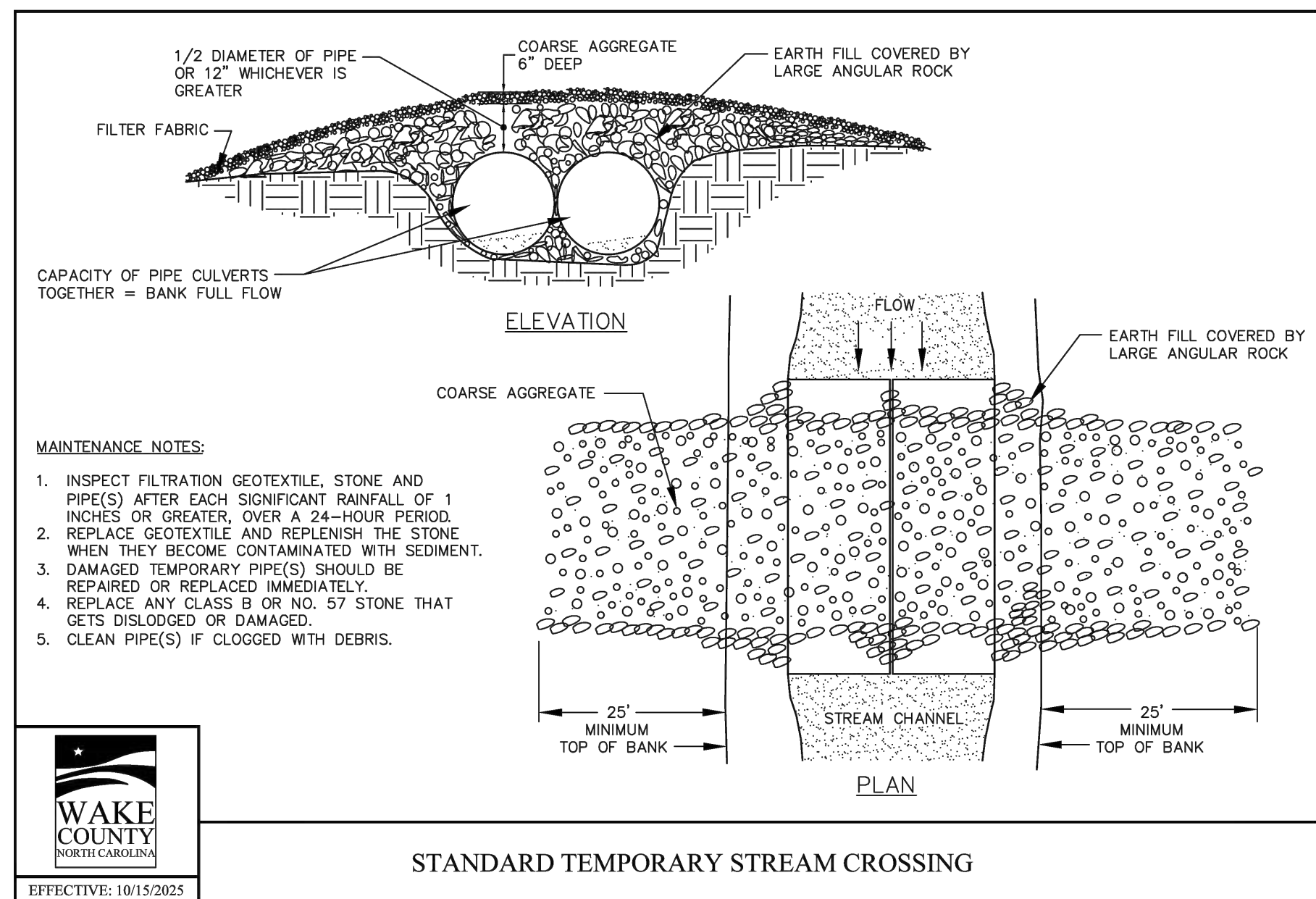
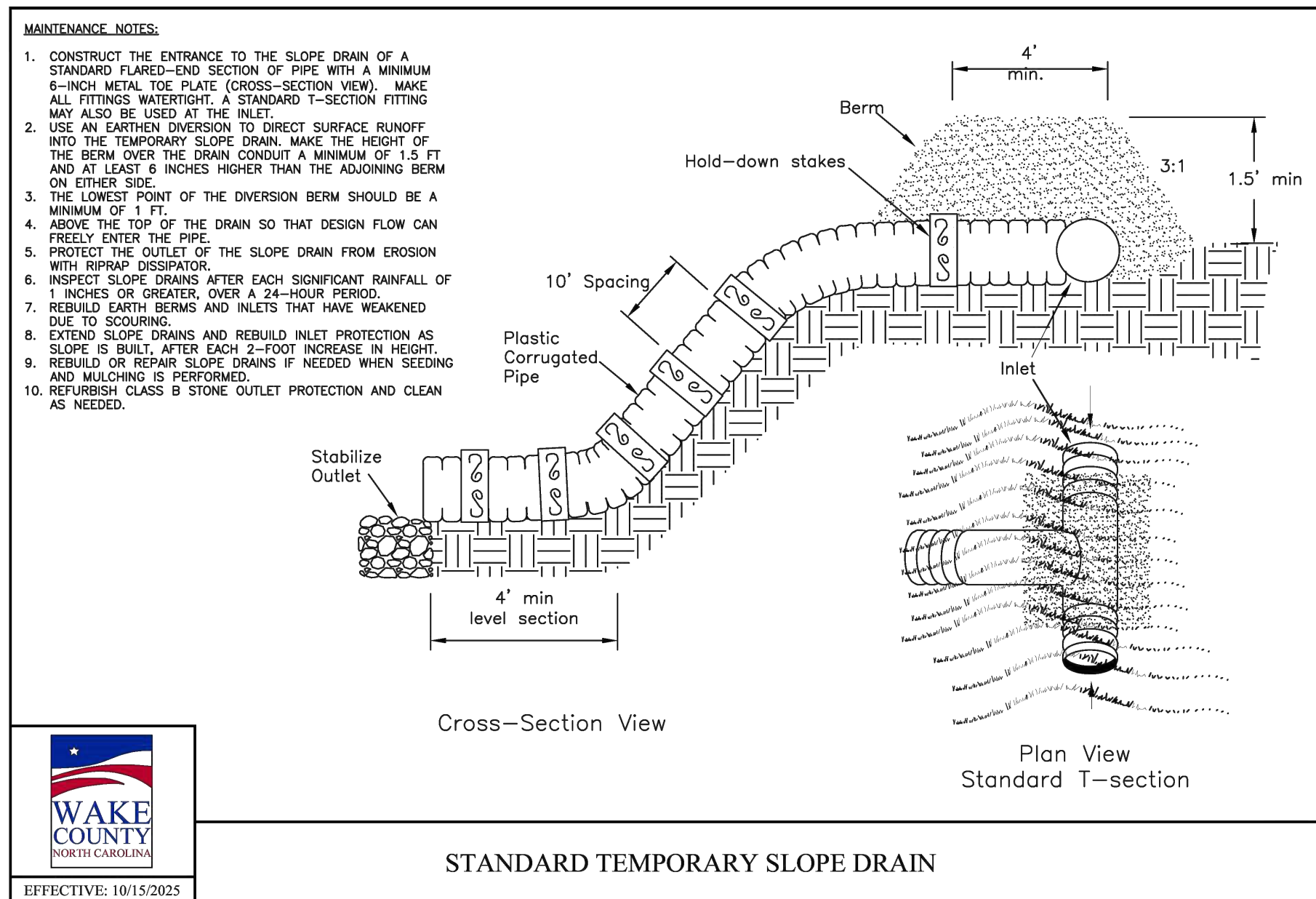
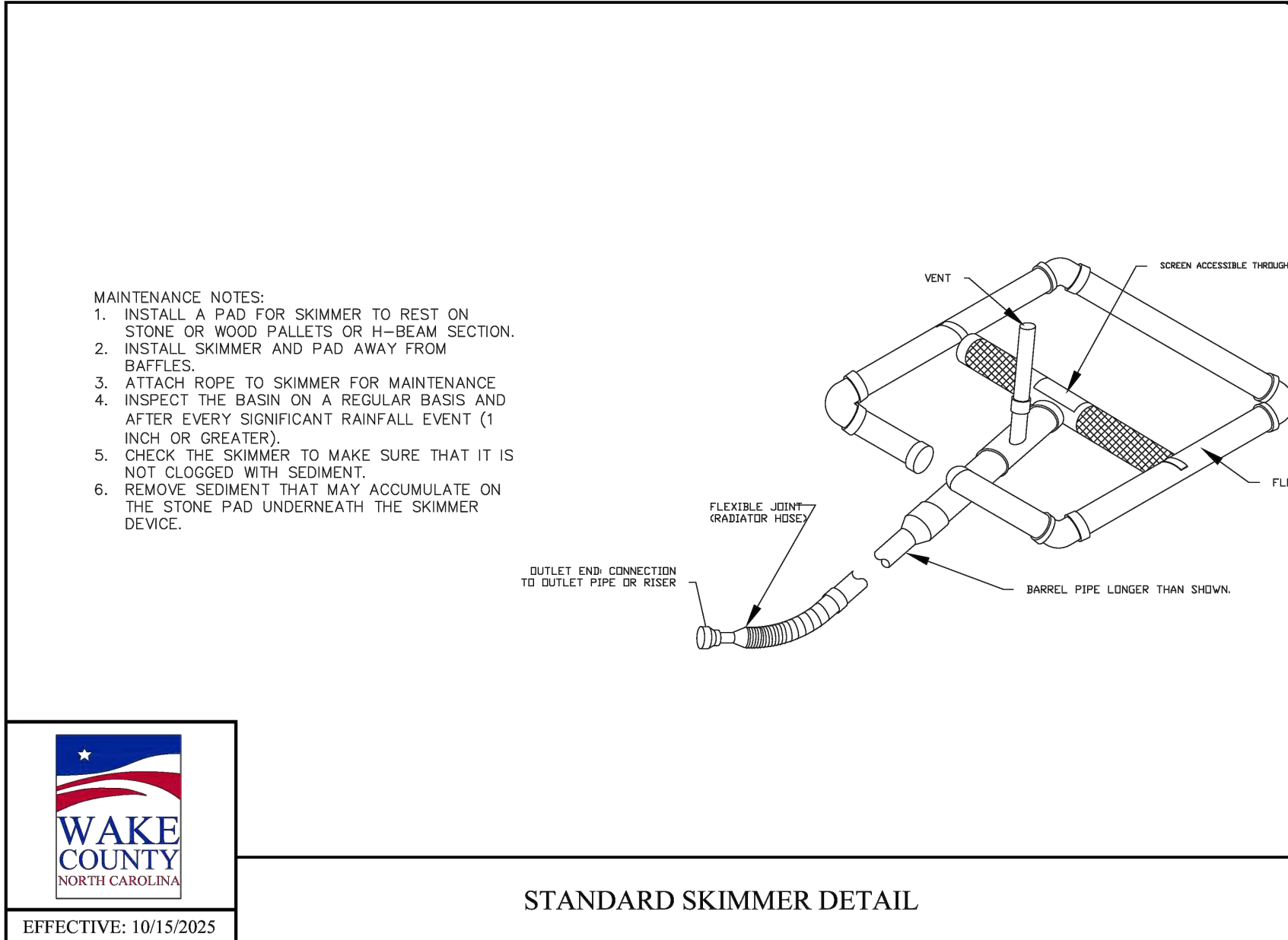
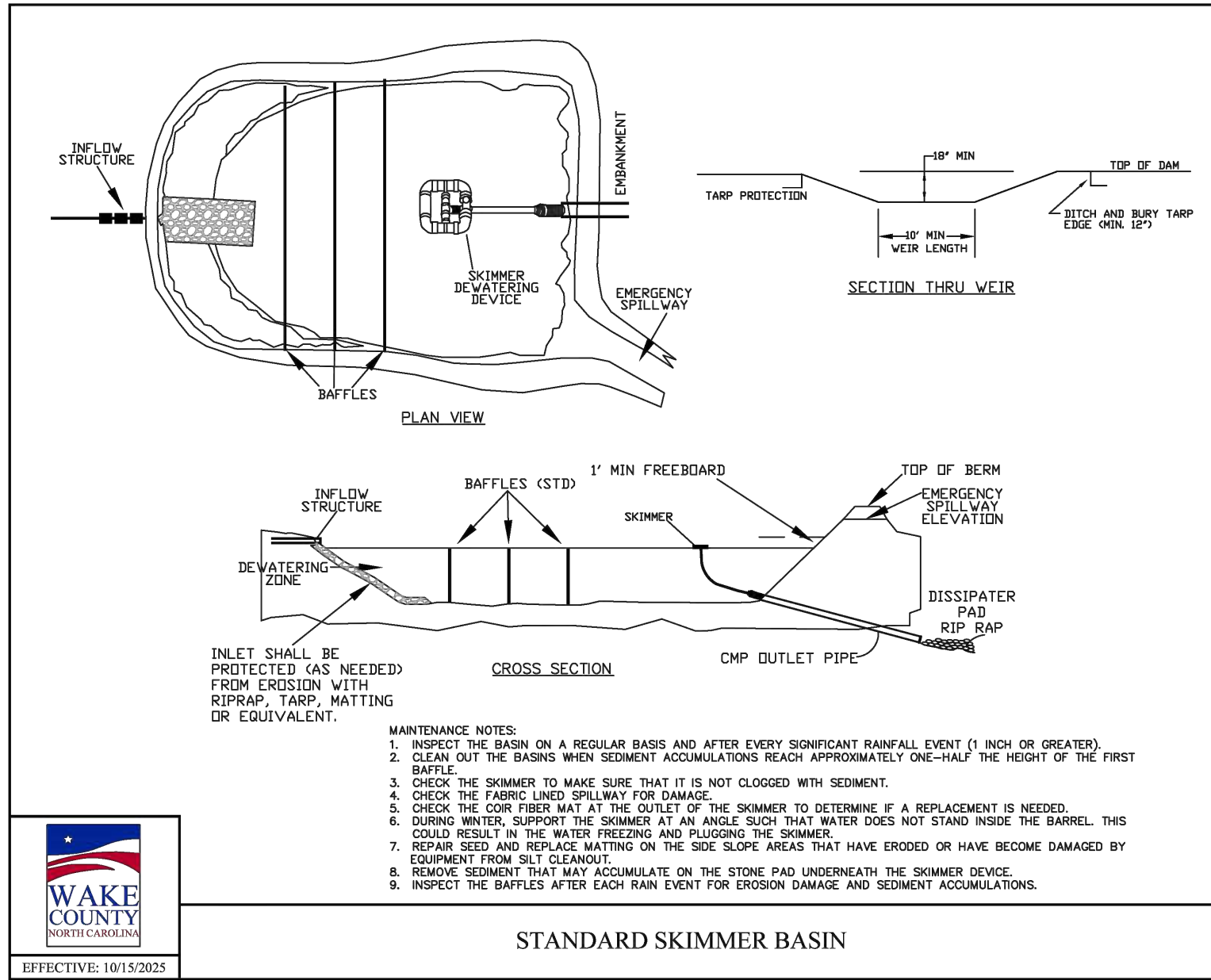
STRONG ROCK

ENGINEERING GROUP

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STRONG ROCK PROJECT FSR-23-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY SRG	DRAWN BY SRG	CHECKED BY SRG
MITCHELL MILL MARKET TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA SITE DEVELOPMENT PLANS EROSION CONTROL PLAN DETAILS					
DRAWING SHEET					
D-5.0					
53 OF 59					





Specification Sheet

EroNetSM 575[®] Erosion Control Blanket

DESCRIPTION

The short-term single net erosion control blanket shall be a machine-produced mat of 100% agricultural straw with a functional longevity of up to 12 months. (NOTE: Functional longevity may vary depending upon climatic conditions, soil, geographical location, and elevation). The blanket shall be of consistent thickness with the straw evenly distributed over the entire area of the mat. The blanket shall be covered on the top side with a lightweight photodegradable polypropylene netting having an approximate 0.50 x 0.50 in. (1.27 x 1.27 cm) mesh. The blanket shall be sewn together on 1.50 inch (3.81 cm) centers with degradable thread. The blanket shall be manufactured with a colored thread stitched along both outer edges (approximately 2-5 inches [5-12.5 cm] from the edge) as an overlap guide for adjacent mats.

The 575 shall meet Type 2.C specification requirements established by the Erosion Control Technology Council (ECTC) and Federal Highway Administration's (FHWA) FP-03 Section 713.17

Material Content	
Matrix	100% Straw Fiber 0.5 lbs/sq yd (0.27 kg/sm)
Netting	Top side only, lightweight photodegradable 1.5 lb/1000 sq ft (0.73 kg/100 sm)
Thread	Degradable

Standard Roll Sizes		
Width	6.67 ft (2.03 m)	8.0 ft (2.4 m)
Length	108 ft (32.92 m)	112 ft (34.14 m)
Weight ± 10%	40 lbs (18.14 kg)	50 lbs (22.68 kg)
Area	80 sq yd (66.9 sm)	100 sq yd (83.61 sm)

Design Permissible Shear Stress

Unvegetated Shear Stress: 1.55 psf (74 Pa)

Unvegetated Velocity: 5.00 fps (1.52 m/s)

Slope Design Data: C Factors

Slope Length (L)	Slope Gradients (S)	
	≤ 3:1	≥ 2:1
≤ 20 ft (6 m)	0.029	N/A
20-50 ft	0.11	N/A
≥ 50 ft (15.2 m)	0.19	N/A

NTPEP Large-Scale Slope Testing
ASTM D6459 - C-factor = 0.012

Roughness Coefficients - Unveg.

Flow Depth	Manning's n
≤ 0.50 ft (0.15 m)	0.055
0.50 - 2.0 ft	0.055-0.021
≥ 2.0 ft (0.60 m)	0.021

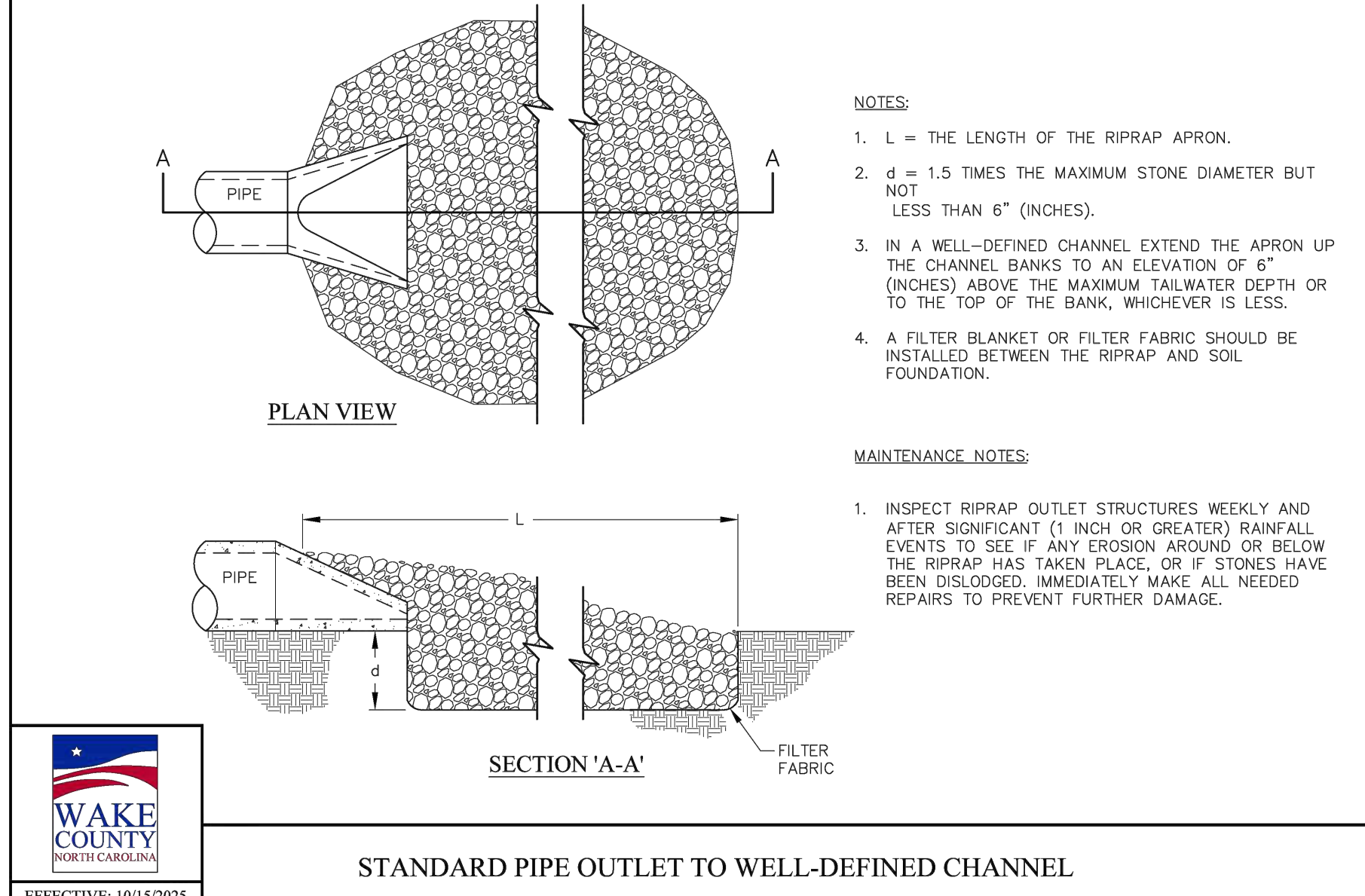
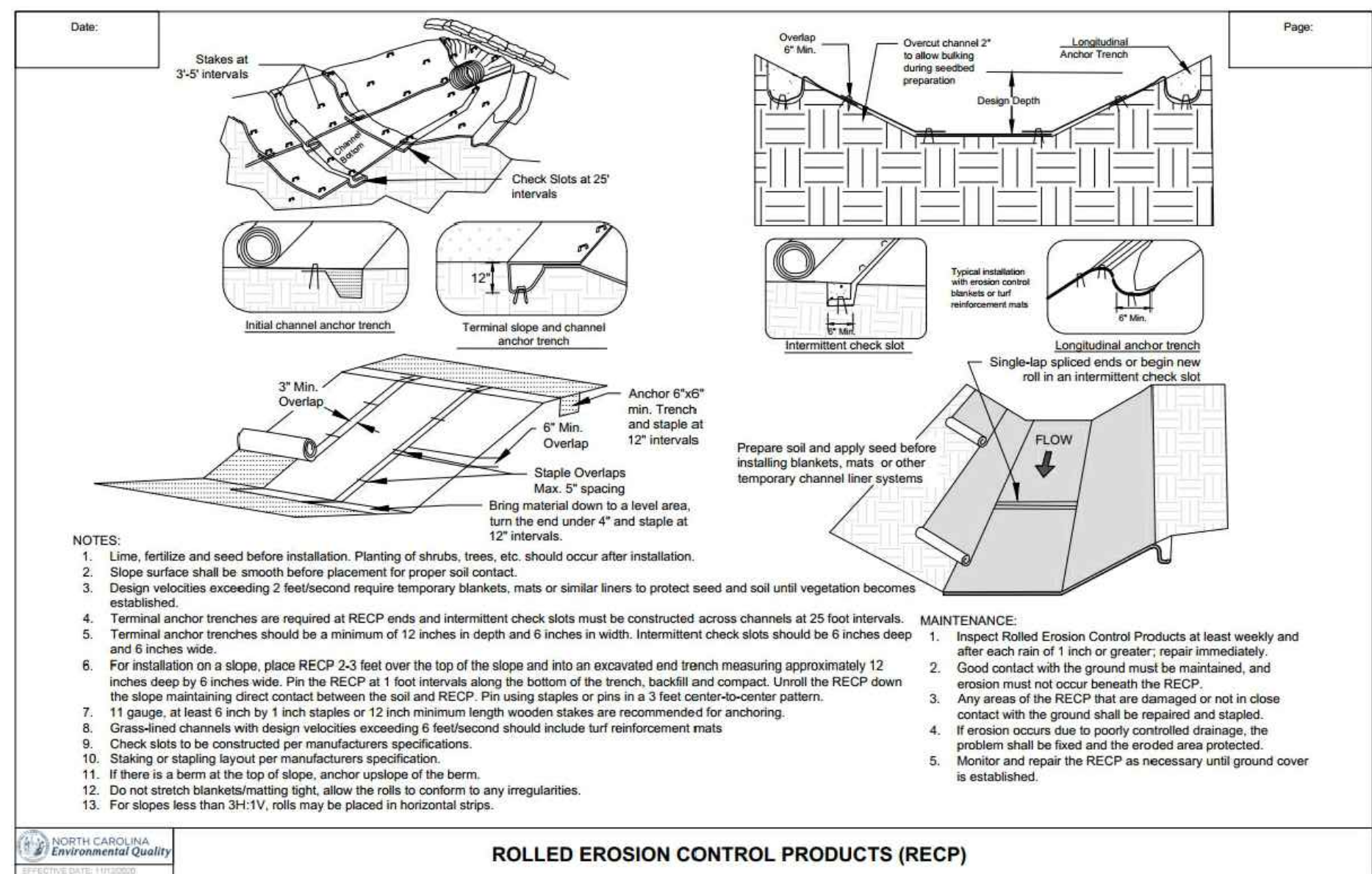
North American Green

Western Green
4609 E. Booneville-New Harmony Rd.
Evansville, IN 47725

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CD SUBMITTAL #1	CD SUBMITTAL #2	CD SUBMITTAL #3	CD SUBMITTAL #4	CD SUBMITTAL #5	CD SUBMITTAL #6	CD SUBMITTAL #7	CD SUBMITTAL #8	CD SUBMITTAL #9	CD SUBMITTAL #10	CD SUBMITTAL #11	CD SUBMITTAL #12	CD SUBMITTAL #13	CD SUBMITTAL #14	CD SUBMITTAL #15	CD SUBMITTAL #16	CD SUBMITTAL #17	CD SUBMITTAL #18	CD SUBMITTAL #19	CD SUBMITTAL #20	CD SUBMITTAL #21	CD SUBMITTAL #22	CD SUBMITTAL #23	CD SUBMITTAL #24	CD SUBMITTAL #25	CD SUBMITTAL #26	CD SUBMITTAL #27	CD SUBMITTAL #28	CD SUBMITTAL #29	CD SUBMITTAL #30	CD SUBMITTAL #31	CD SUBMITTAL #32	CD SUBMITTAL #33	CD SUBMITTAL #34	CD SUBMITTAL #35	CD SUBMITTAL #36	CD SUBMITTAL #37	CD SUBMITTAL #38	CD SUBMITTAL #39	CD SUBMITTAL #40	CD SUBMITTAL #41	CD SUBMITTAL #42	CD SUBMITTAL #43	CD SUBMITTAL #44	CD SUBMITTAL #45	CD SUBMITTAL #46	CD SUBMITTAL #47	CD SUBMITTAL #48	CD SUBMITTAL #49	CD SUBMITTAL #50	CD SUBMITTAL #51	CD SUBMITTAL #52	CD SUBMITTAL #53	CD SUBMITTAL #54	CD SUBMITTAL #55	CD SUBMITTAL #56	CD SUBMITTAL #57	CD SUBMITTAL #58	CD SUBMITTAL #59	CD SUBMITTAL #60	CD SUBMITTAL #61	CD SUBMITTAL #62	CD SUBMITTAL #63	CD SUBMITTAL #64	CD SUBMITTAL #65	CD SUBMITTAL #66	CD SUBMITTAL #67	CD SUBMITTAL #68	CD SUBMITTAL #69	CD SUBMITTAL #70	CD SUBMITTAL #71	CD SUBMITTAL #72	CD SUBMITTAL #73	CD SUBMITTAL #74	CD SUBMITTAL #75	CD SUBMITTAL #76	CD SUBMITTAL #77	CD SUBMITTAL #78	CD SUBMITTAL #79	CD SUBMITTAL #80	CD SUBMITTAL #81	CD SUBMITTAL #82	CD SUBMITTAL #83	CD SUBMITTAL #84	CD SUBMITTAL #85	CD SUBMITTAL #86	CD SUBMITTAL #87	CD SUBMITTAL #88	CD SUBMITTAL #89	CD SUBMITTAL #90	CD SUBMITTAL #91	CD SUBMITTAL #92	CD SUBMITTAL #93	CD SUBMITTAL #94	CD SUBMITTAL #95	CD SUBMITTAL #96	CD SUBMITTAL #97	CD SUBMITTAL #98	CD SUBMITTAL #99	CD SUBMITTAL #100	
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MITCHELL MILL MARKET

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

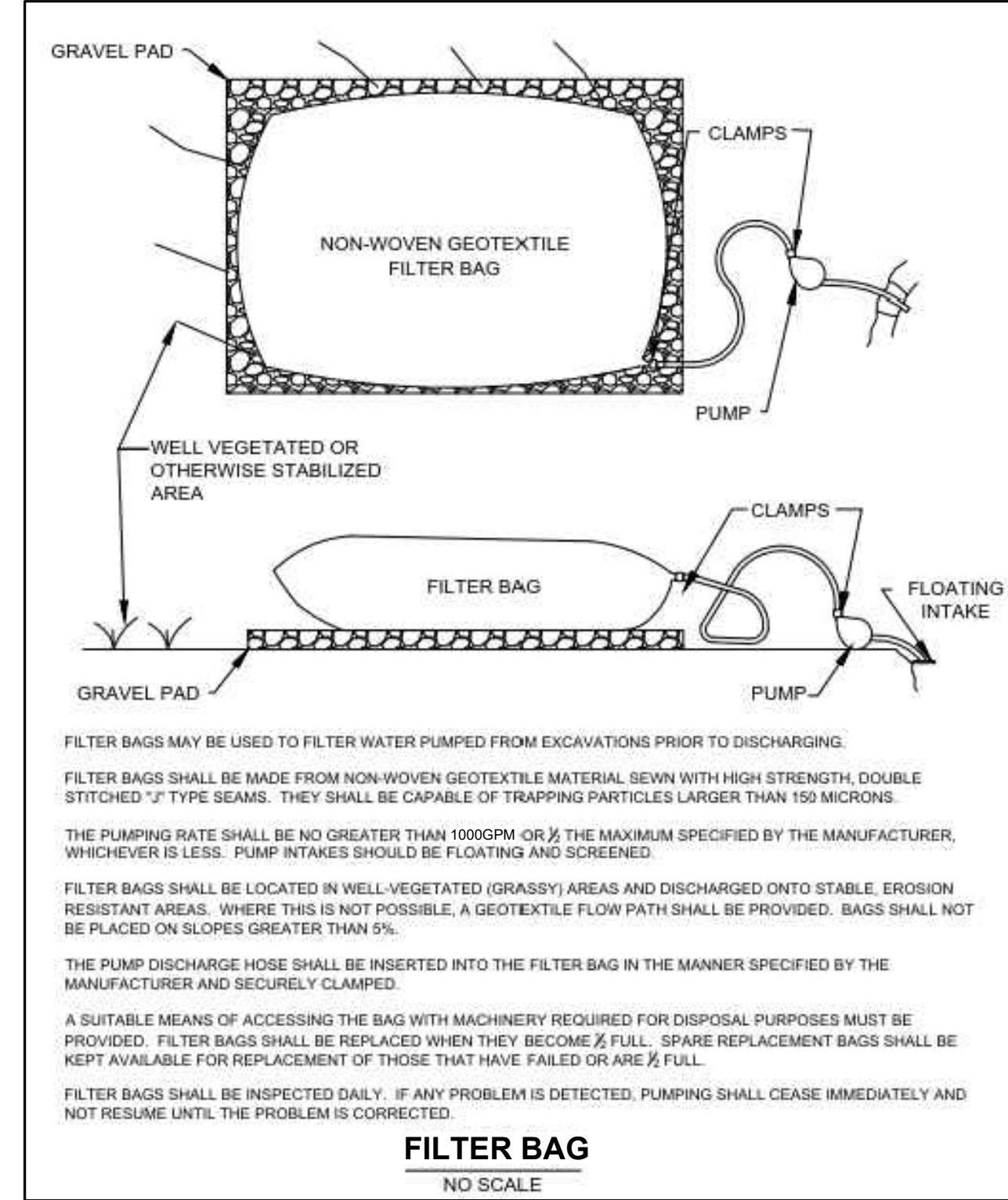
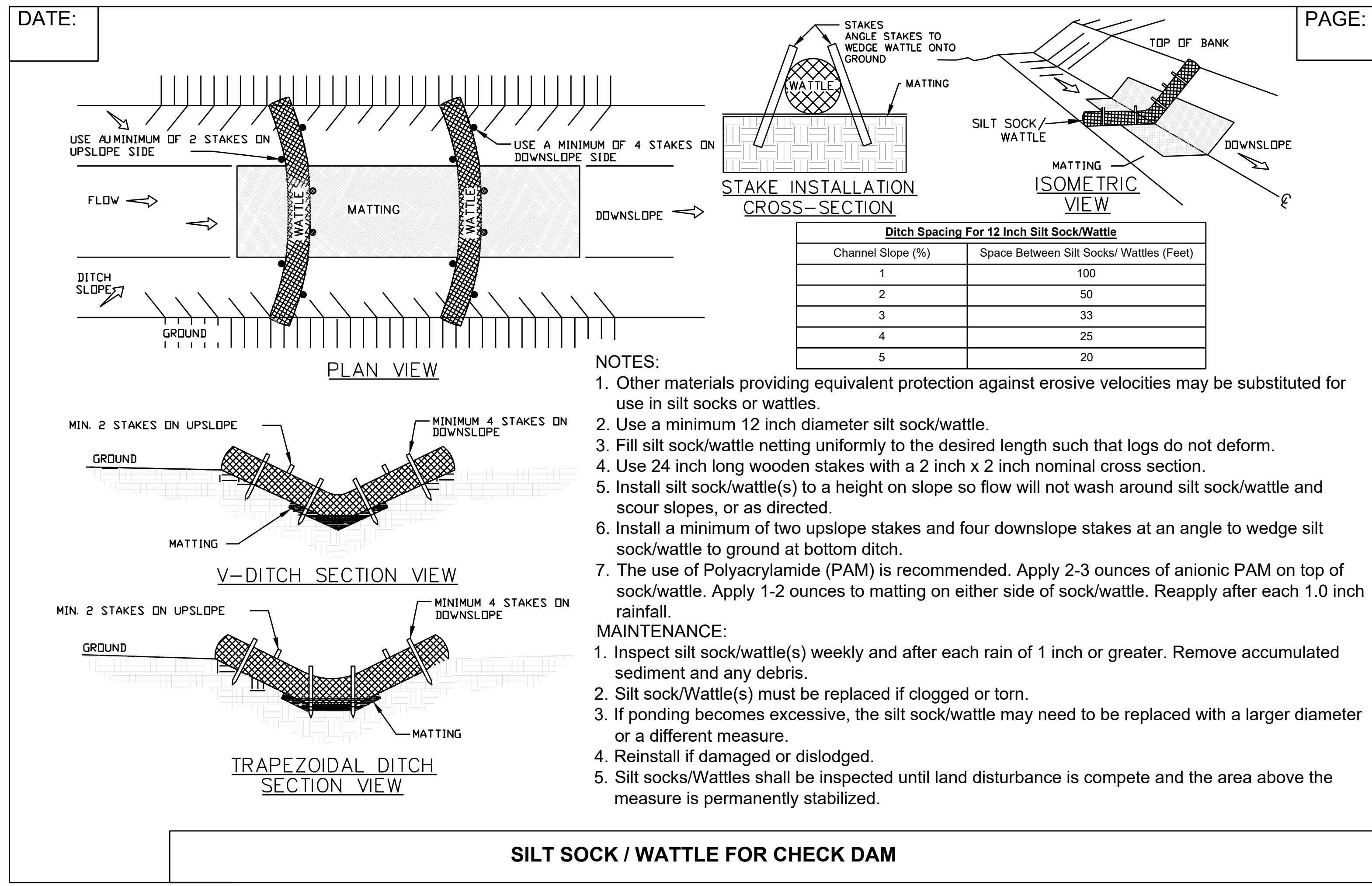
SITE DEVELOPMENT PLANS

EROSION CONTROL PLAN DETAILS

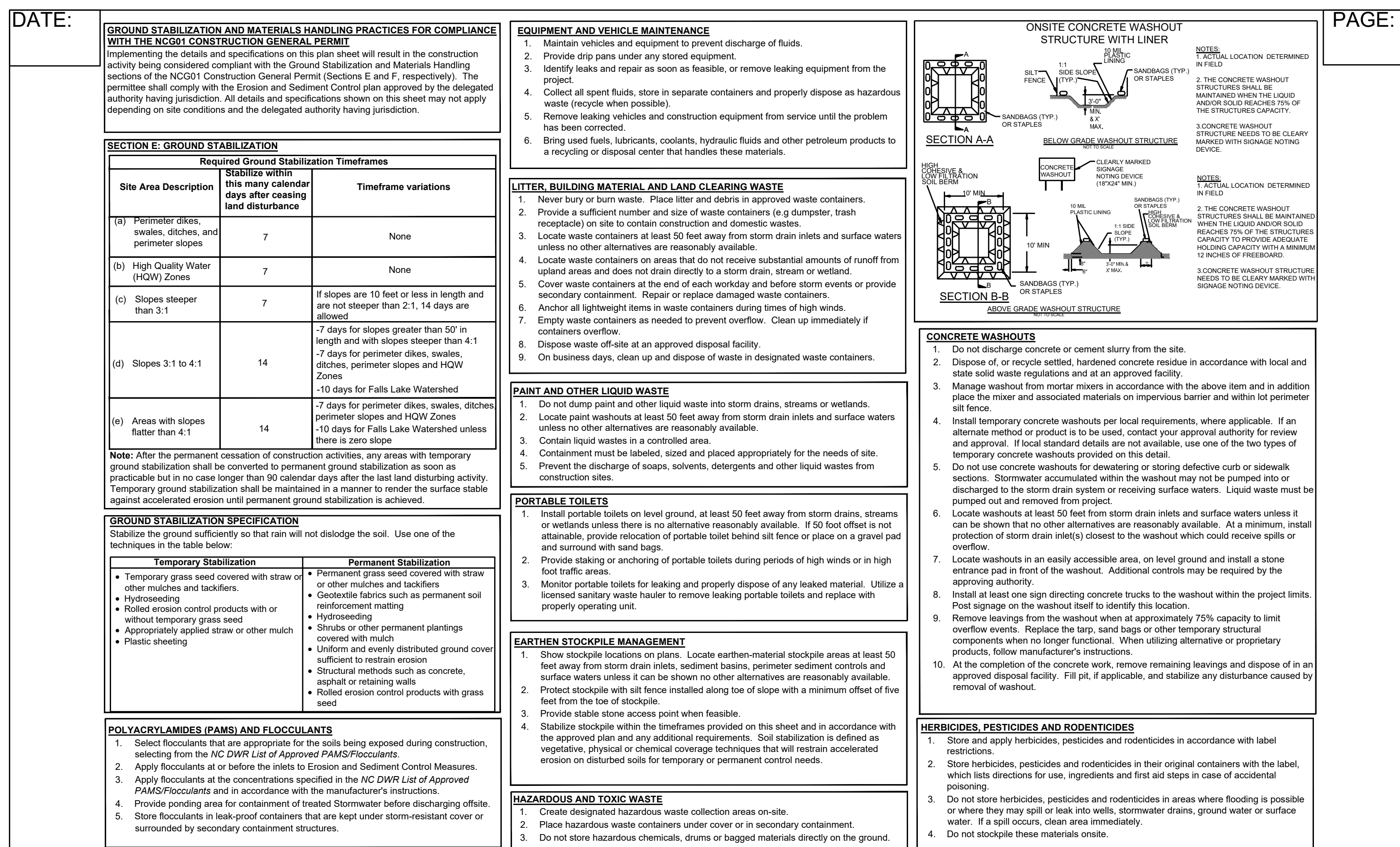
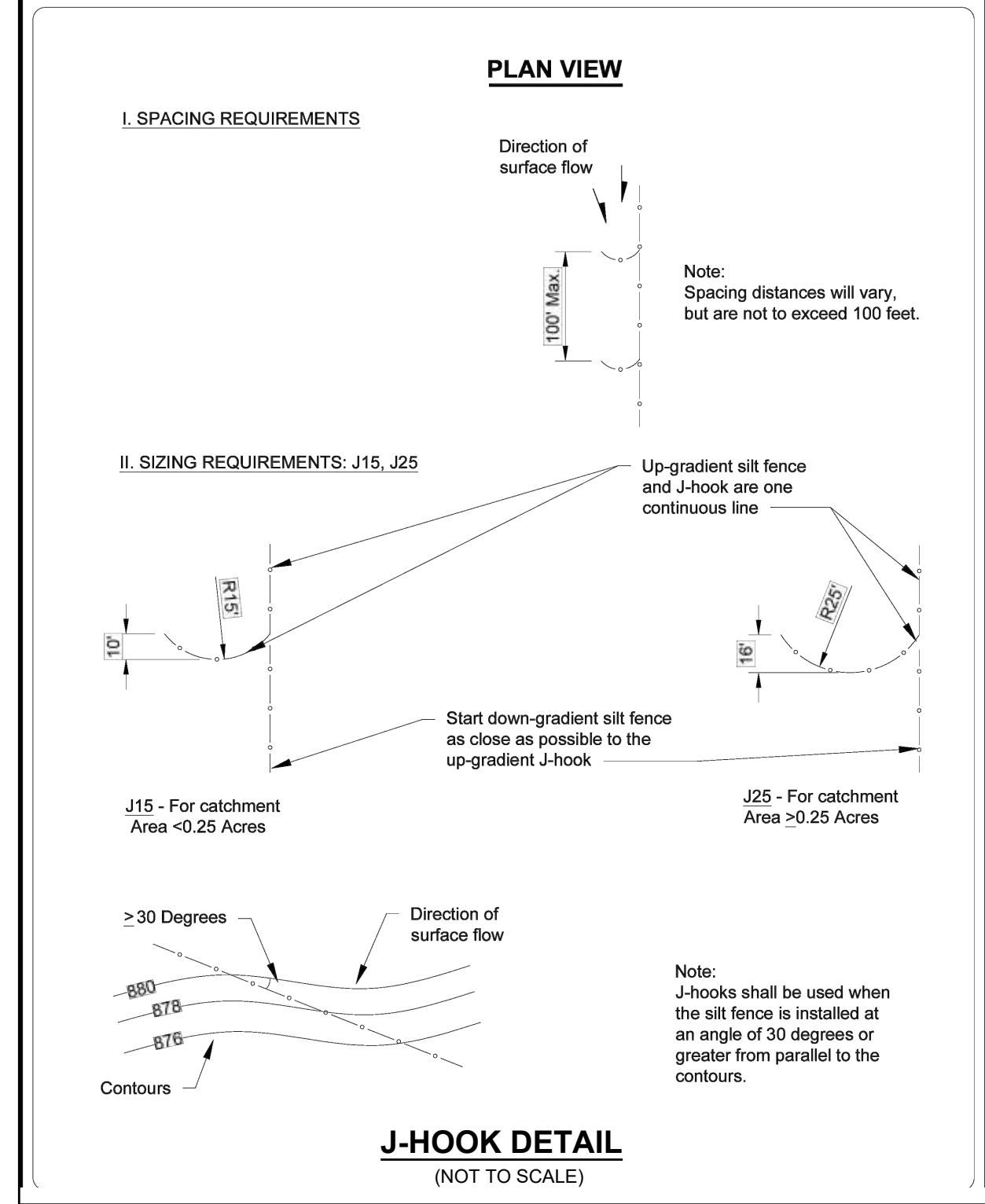
DRAWING SHEET

D-5.2

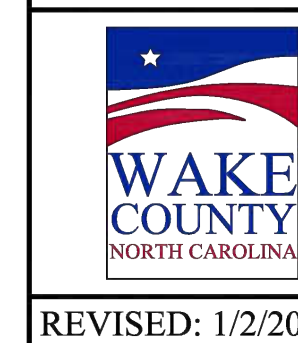
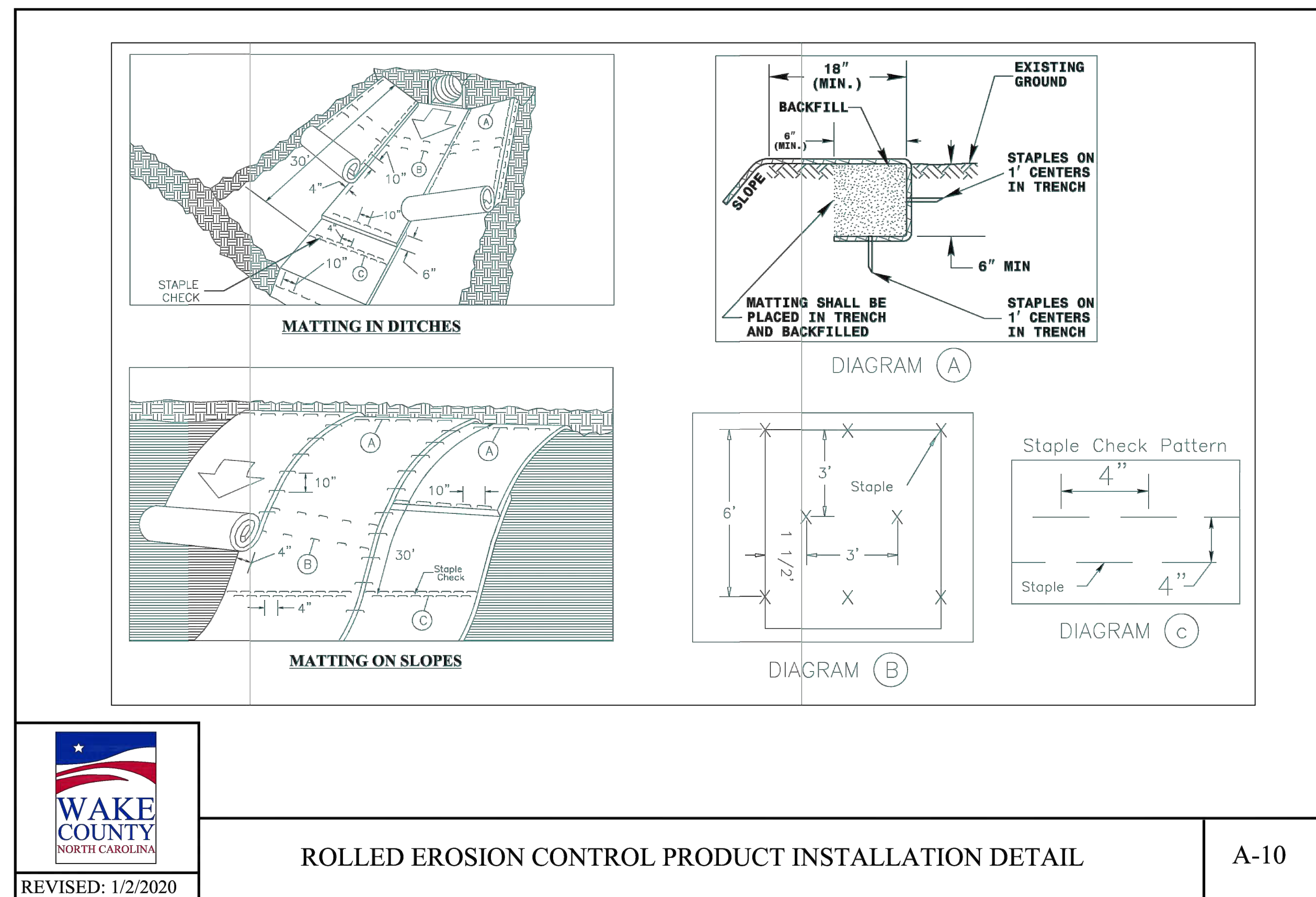
55 OF 59



- J-HOOK MAINTENANCE:**
1. INSPECT J-HOOK INSTALLATION AT REGULAR INTERVALS PER NPDES MONITORING REQUIREMENTS.
 2. REPLACE TORN SILT FENCE FABRIC WITH NEW FENCE MATERIAL.
 3. BENT OR BROKEN WIRES AND T-POLES SHALL BE REPLACED IMMEDIATELY.
 4. SEDIMENT ACCUMULATION HIGHER THAN 1/3 OF INSTALLED HEIGHT OF FABRIC SHALL BE PROMPTLY REMOVED.



NCG-01 GROUND COVER & MATERIALS HANDLING



STRONGROCK

ENGINEERING GROUP

305 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

MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS

EROSION CONTROL PLAN DETAILS

DRAWING SHEET

D-5.3

56 OF 59

CD SUBMITTAL #1

08/01/2025

CD-26-06-V2

10/07/2025

CD-26-06-V3

03/02/2026

SDP-26-0002 V4

06/01/2026

SDP-26-0002 V5

08/28/2026

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1

2

3

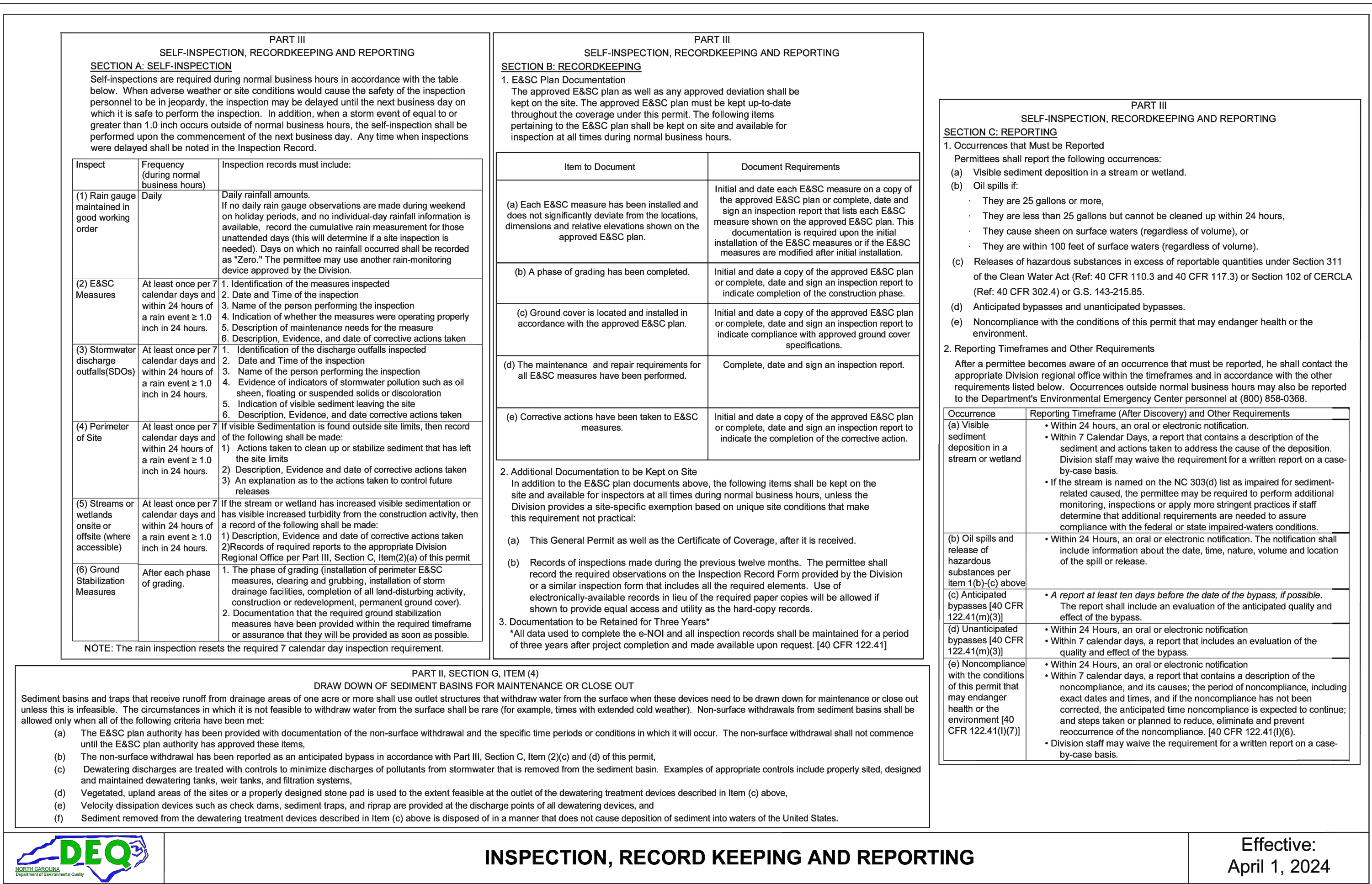
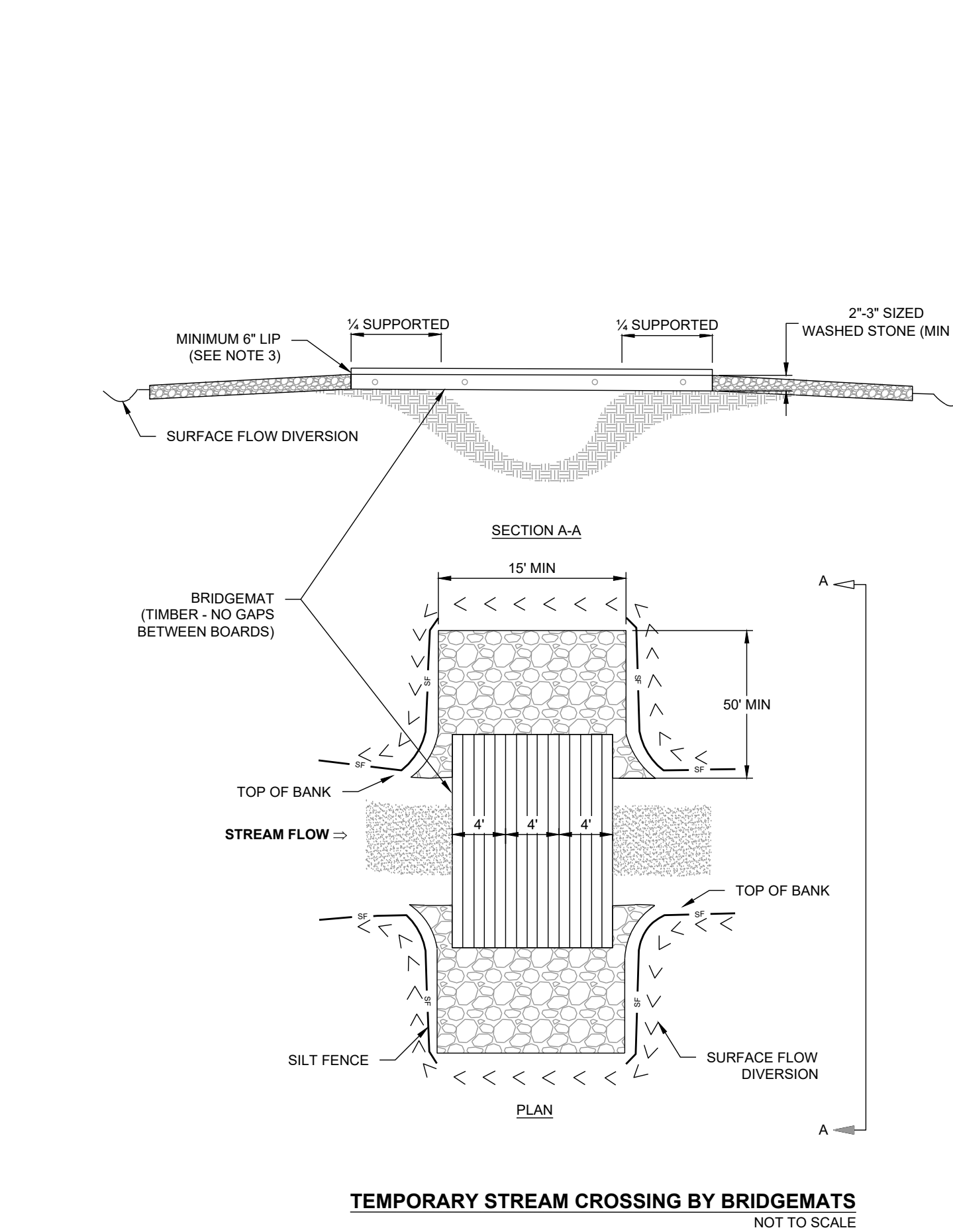
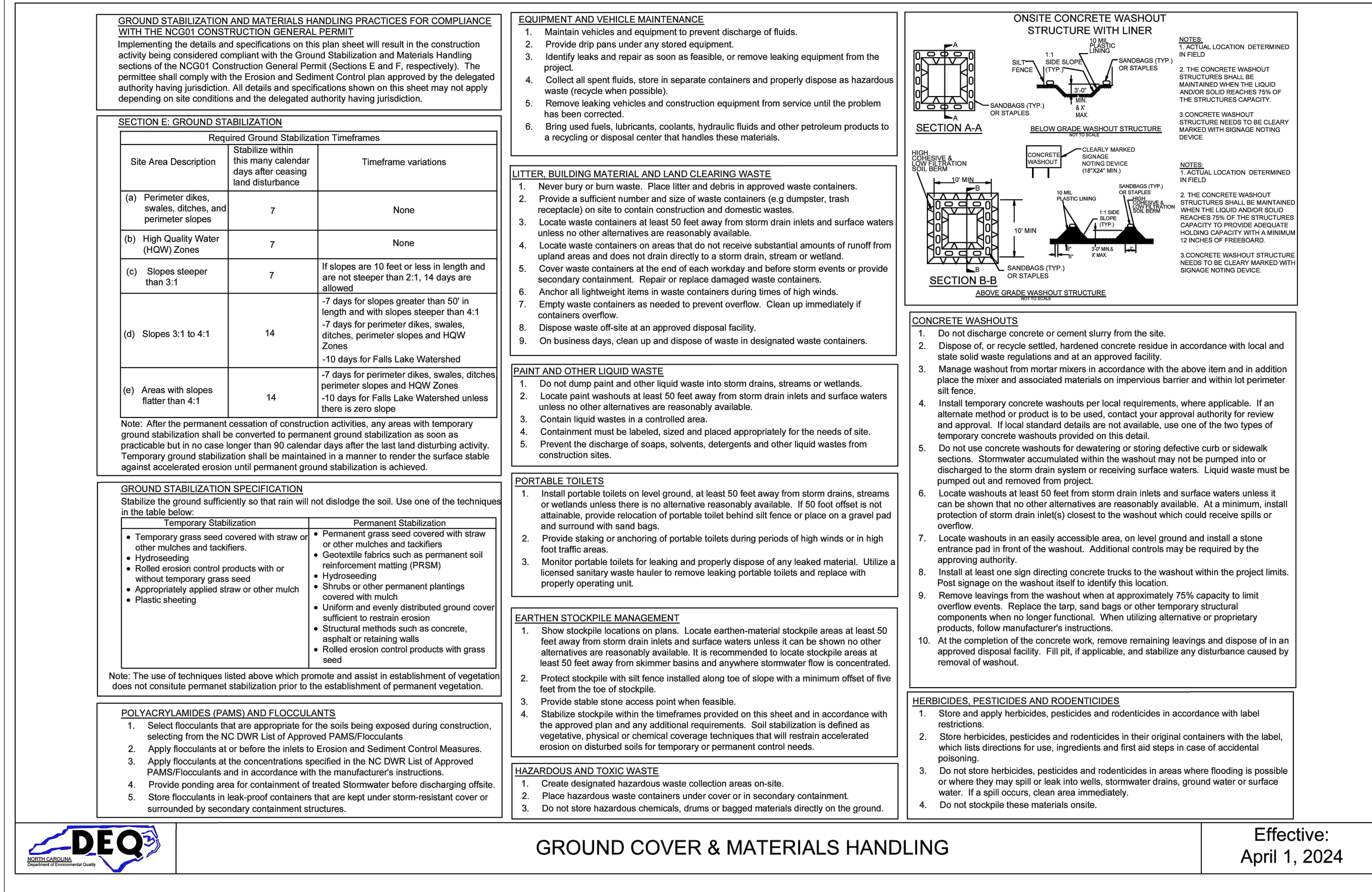
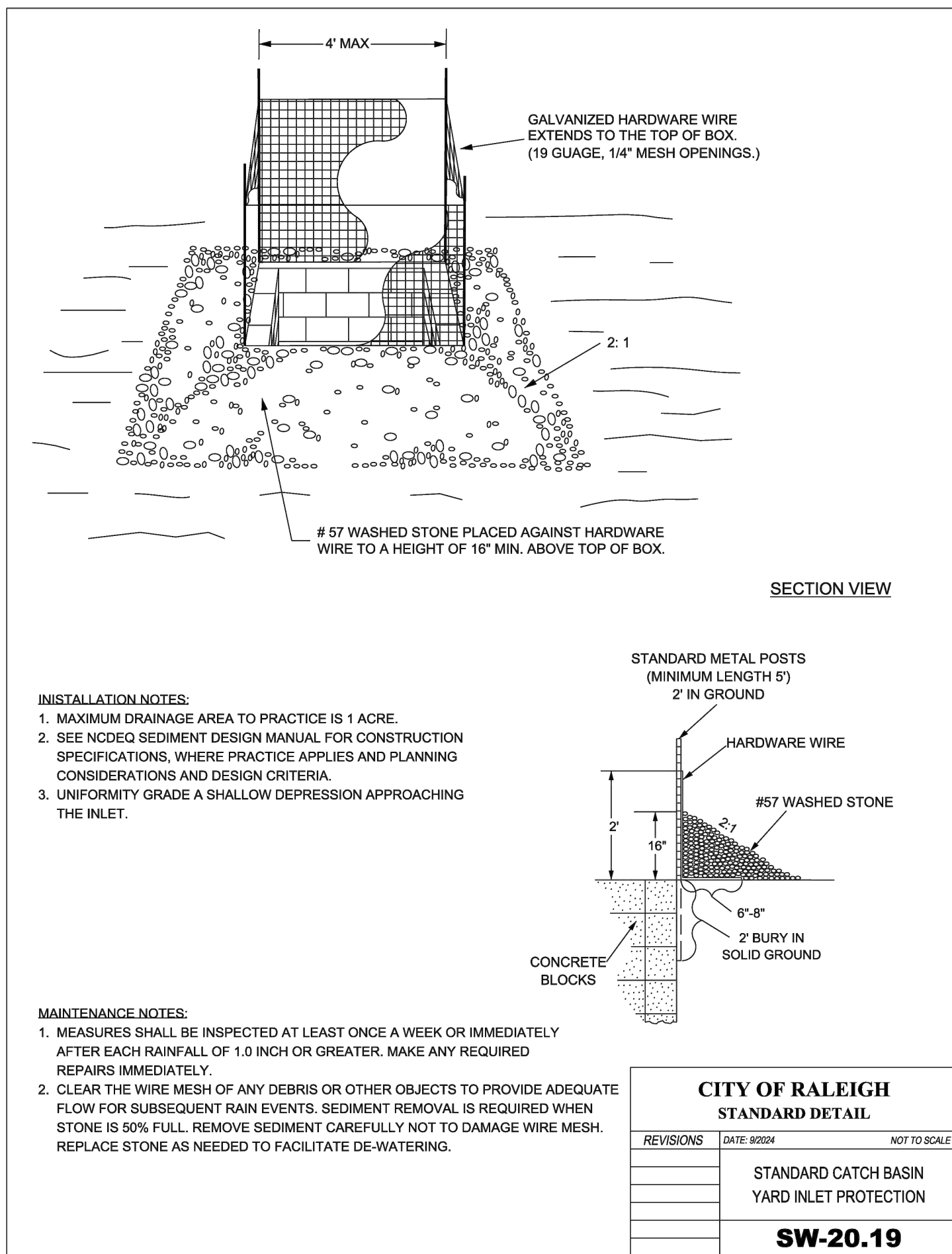
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No.

REVISIONS

DATE

BY



Mitchell Mills Market

Rolesville, NC 27571
Wake County

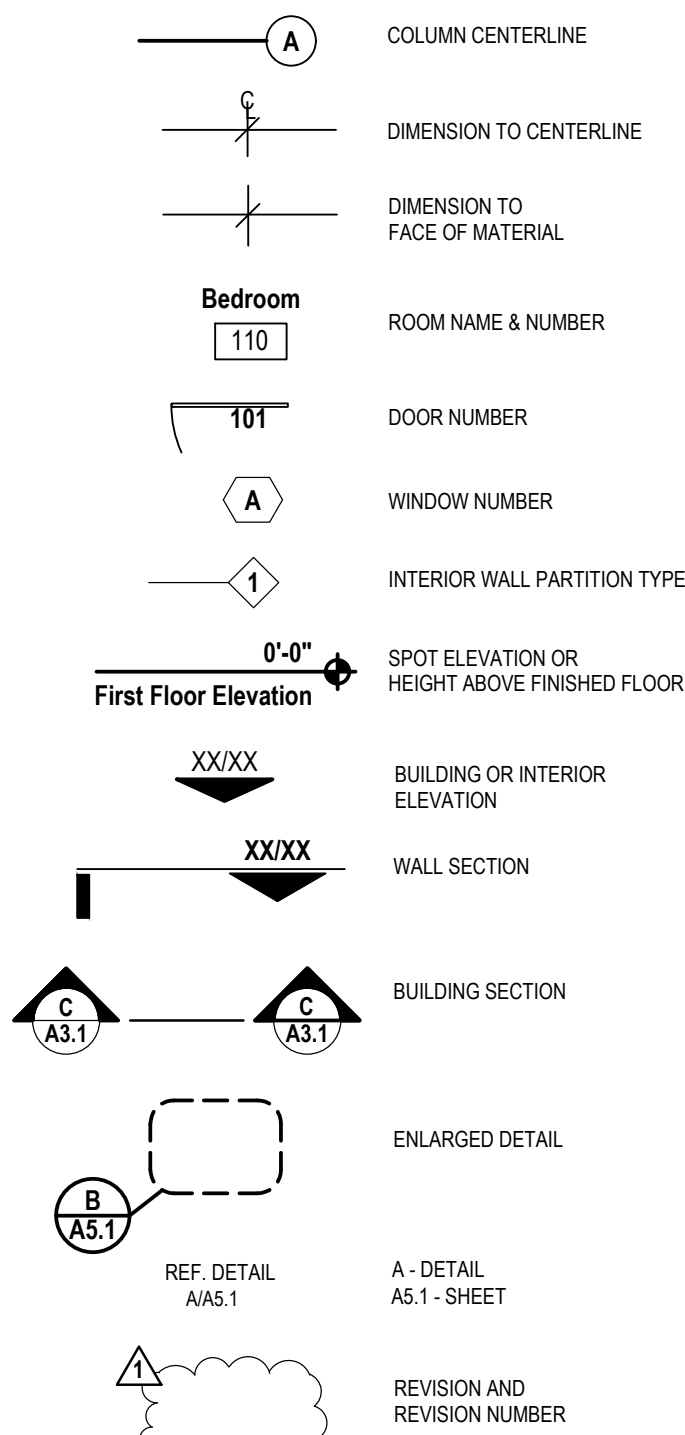
SDP-26-0002
CID-25-06/CID-25-0003

Lisle Architecture & Design, Inc.
614 Market Street
Wilmington, North Carolina 28401
(910) 763-6053

Abbreviations

A.C.T.	ACOUSTICAL CEILING TILE	INSUL.	INSULATION
ADJ.	ADJUSTABLE	JST.BRG.	JOIST BEARING
A.F.F.	ABOVE FINISHED FLOOR	LAV.	LAVATORY
ALUM.	ALUMINUM	MAX.	MAXIMUM
ALT.	ALTERNATE	M.B.S.	METAL BUILDING SUPPLIER
ANOD.	ANODIZED	MECH.	MECHANICAL
BD.	BOARD	MIN.	MINIMUM
BLDG.	BUILDING	MISC.	MISCELLANEOUS
BM.	BEAM	M.O.	MASONRY OPENING
BOT.	BOTTOM	MTD.	MOUNTED
BRG. HT.	BEARING HEIGHT	MTL.	METAL
CL	CENTER LINE	O.C.	ON CENTER
CLG.	CEILING	O.H.	OPPOSITE HAND
CLR.	CLEAR	PLYWD.	PLYWOOD
C.J.	CONTROL JOINT	P.T.	PRESSURE TREATED
C.M.U.	CONCRETE MASONRY UNIT	PT (D)	PAINT (ED)
COL.	COLUMN	REF.	REFER, REFERENCE
CONC.	CONCRETE	REINF.	REINFORCING
CONT.	CONTINUOUS	RM.	ROOM
DBL.	DOUBLE	ROT.	ROTATED
DET.	DETAIL	S.C.	SOLID CORE
DR.	DOOR	SCHED.	SCHEDULE (ED)
D.S.	DOWNSPOUT	SHT.	SHEET
DWG.	DRAWING	SIM.	SIMILAR
E.J.	EXPANSION JOINT	SPEC.	SPECIFICATION (S)
ELEV.	ELEVATION	STD.	STANDARD
ELEC.	ELECTRICAL	STL.	STEEL
EQ.	EQUAL	STRUCT.	STRUCTURE (AL)
E.W.C.	ELECTRIC WATER COOLER	TEMP.	TEMPERED
EXP.	EXPANSION	T.O.M.	TOP OF MASONRY
EXT.	EXTERIOR	T.O.P.	TOP OF PARAPET
F.F.	FINISH FLOOR	T.O.S.	TOP OF STEEL
FIN.	FINISH (ED)	T.O.W.	TOP OF WALL
FLR.	FLOOR	T.S.	TUBULAR STEEL
F.O.C.	FACE OF CONCRETE	TYP.	TYPICAL
F.O.G.B.	FACE OF GRADE BEAM	U.N.O	UNLESS NOTED OTHERWISE
F.O.M.	FACE OF MASONRY	V.C.T.	VINYL COMPOSITION TILE
F.O.S.	FACE OF STUD	VERT.	VERTICAL
F.R.P.	FIBERGLASS REINFORCED PANEL	W.C.	WATER CLOSET
GA.	GAUGE, OR GAGE	WD.	WOOD
GL.	GLASS	W.H.	WATER HEATER
GYP. BD.	GYPSUM BOARD	W/	WITH
H.B.	HOSE BIB		
H.C.	HOLLOW CORE		
HDWR.	HARDWARE		
HT.	HEIGHT		
H.V.A.C.	HEATING/VENTILATING/ AIR CONDITIONING		

Legend



Vicinity Map

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A2.2	Exterior Elevations
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R1.2	Schematic Exterior Renderings

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A2.1	Exterior Elevations
A2.2	Exterior Elevations
R1.1	Schematic Exterior Renderings

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A2.2	Exterior Elevations
R1.1	Schematic Exterior Renderings

BUILDING D

CR	Cover Sheet
A1.1	Floor Plan
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A2.2	Exterior Elevations
R1.1	Schematic Exterior Renderings
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BUILDING E

CR	Cover Sheet
A1.1	Floor Plan
A2.1	Exterior Elevations
A2.2	Exterior Elevations
R1.1	Schematic Exterior Renderings

PROJECT NO: 24063

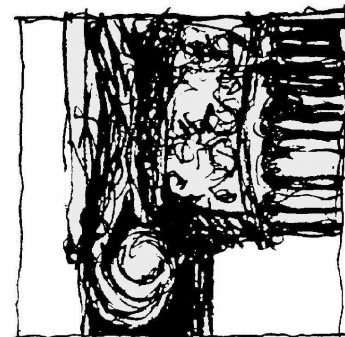
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SHEET TITLE - NUMBER

Cover Sheet

CR

Mitchell Mills
Market
Building A

Rolesville, NC 27571
Wake County

SDP-26-0002

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Wilmington, North Carolina 28401
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RELEASE: 05.01.26

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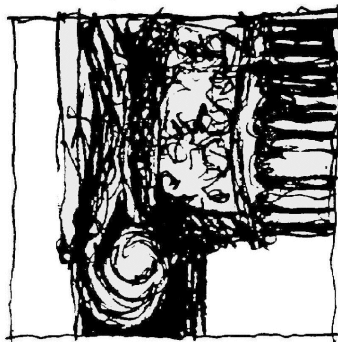
Site Submission

MITCHELL MILLS MARKET
Building A - 25,000 SF
Rolesville, NC 27571

Lisle Architecture & Design, Inc.

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Wilmington, NC 28401
(910) 763.6053

Rolesville, NC (919) 980.0283
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SHEET TITLE - NUMBER

Cover Sheet

CR

Abbreviations

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ADJ.	ADJUSTABLE	JST.BRG.	JOIST BEARING
A.F.F.	ABOVE FINISHED FLOOR	LAV.	LAVATORY
ALUM.	ALUMINUM	MAX.	MAXIMUM
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CL	CENTER LINE	O.C.	ON CENTER
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C.J.	CONTROL JOINT	P.T.	PRESSURE TREATED
C.M.U.	CONCRETE MASONRY UNIT	PT (D)	PAINT (ED)
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DBL.	DOUBLE	ROT.	ROTATED
DET.	DETAIL	S.C.	SOLID CORE
DR.	DOOR	SCHED.	SCHEDULE (ED)
D.S.	DOWNSPOUT	SHT.	SHEET
DWG.	DRAWING	SIM.	SIMILAR
E.J.	EXPANSION JOINT	SPEC.	SPECIFICATION (S)
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H.B.	HOSE BIB		
H.C.	HOLLOW CORE		
HDWR.	HARDWARE		
HT.	HEIGHT		
H.V.A.C.	HEATING/VENTILATING/ AIR CONDITIONING		

Legend

	COLUMN CENTERLINE
	DIMENSION TO CENTERLINE
	DIMENSION TO FACE OF MATERIAL
	ROOM NAME & NUMBER
	DOOR NUMBER
	WINDOW NUMBER
	INTERIOR WALL PARTITION TYPE
	SPOT ELEVATION OR HEIGHT ABOVE FINISHED FLOOR
	BUILDING OR INTERIOR ELEVATION
	WALL SECTION
	BUILDING SECTION
	ENLARGED DETAIL
	A - DETAIL A5.1 - SHEET
	REVISION AND REVISION NUMBER

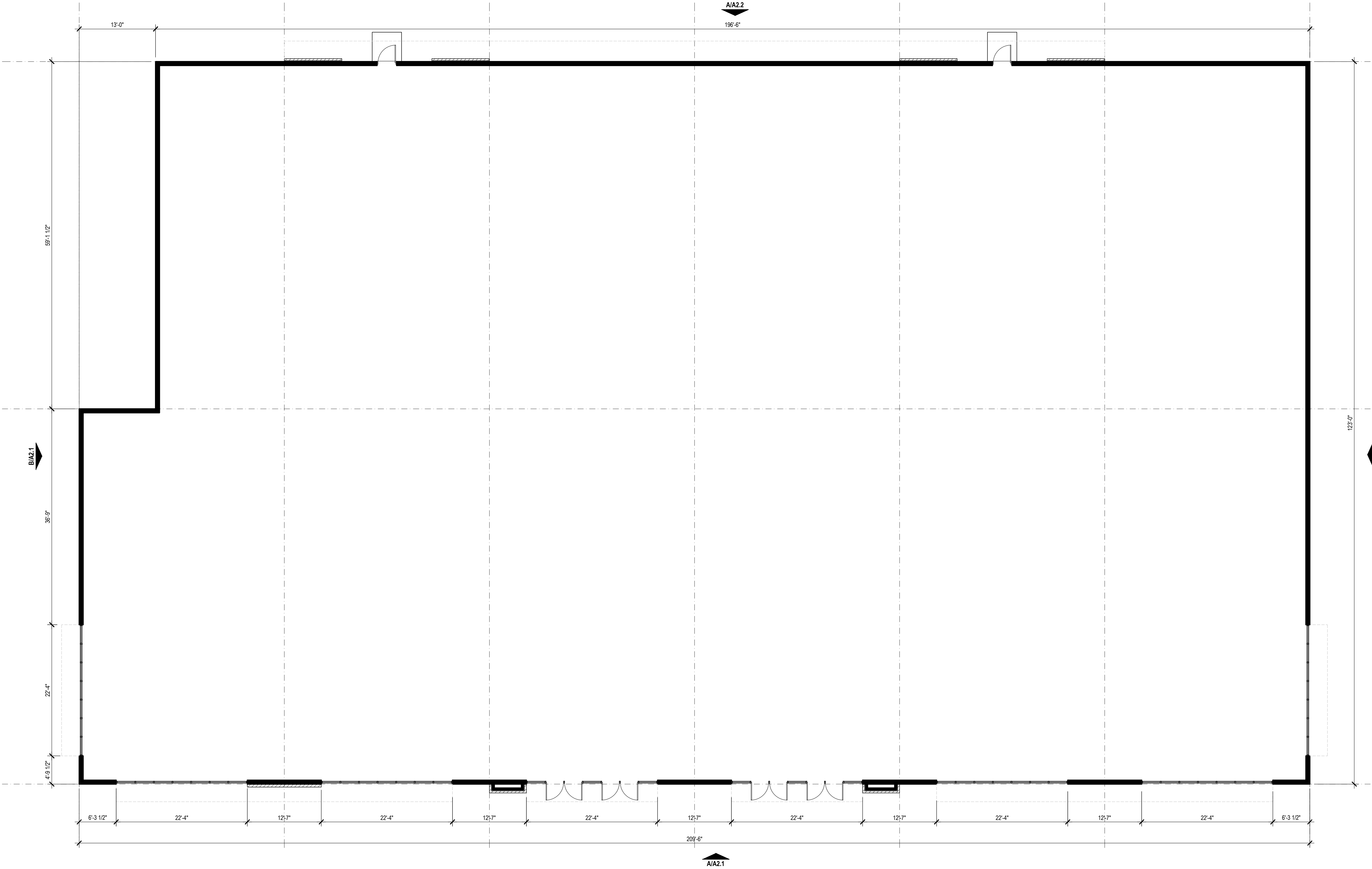
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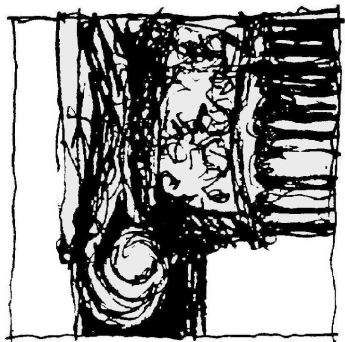
ARCHITECTURAL

- A1.1 Floor Plan
- A2.1 Exterior Elevations
- A2.2 Exterior Elevations
- R1.1 Schematic Exterior Renderings
- R1.2 Schematic Exterior Renderings



Floor Plan

A
3/16"



SHEET TITLE - NUMBER

Floor Plan

A1.1

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MITCHELL MILLS MARKET
Building A - 25,000 SF
Rosesville, NC 27571

Site Submission

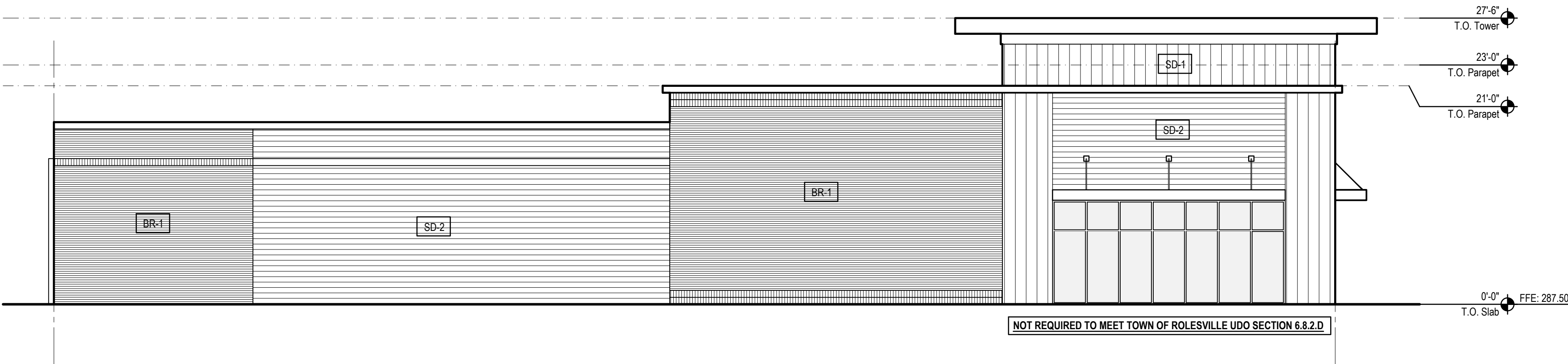
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RELEASE: 05.01.26

NO. REV./SUB.

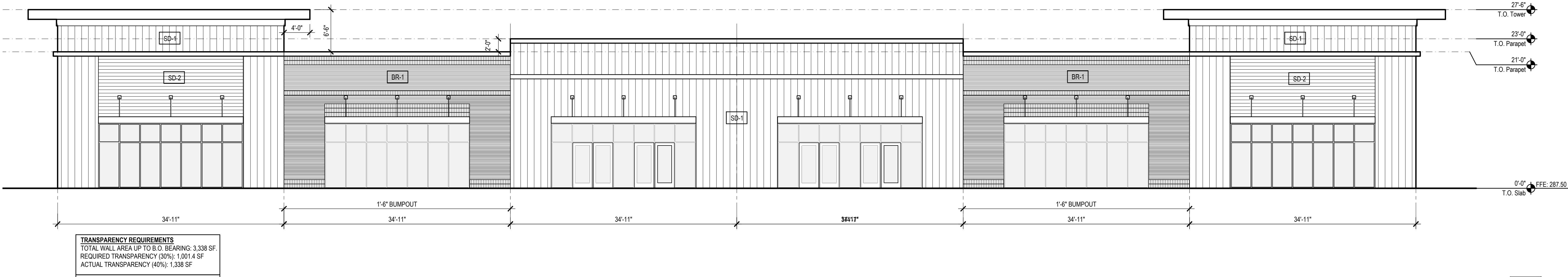
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EXTERIOR MATERIAL SCHEDULE				
LABEL	LOCATION	MANUFACTURER	MATERIAL	COLOR
PAINT				
PT-1	SEE ELEVATIONS (TRIM)	SHERWIN WILLIAMS		TBD
PT-2	SEE ELEVATIONS (SD-2)	SHERWIN WILLIAMS		TBD
ROOFING				
TPO	SEE ELEVATIONS and ROOF PLANS	GAF	TPO	GRAY
WALLS				
SD-1	SEE ELEVATIONS	PAC-CLAD	HWP METAL WALL PANEL & CLADDING SYSTEM	CITYSCAPE
SD-2	SEE ELEVATIONS	JAMES HARDIE	SMOOTH LAPPED SIDING	TBS
BR-1	SEE ELEVATIONS	TRIANGLE BRICK		EVELYN BAY
FLOORS				
CONC	PATIOS		CONCRETE-FINISH TO BE SELECTED	TO BE SELECTED
NOTES				
GENERAL FINISH NOTES: 1. COORDINATE AND CONFRIM ALL PAINT COLORS AND FINISHES WITH OWNER AND ARCHITECT. 2. CONFIRM ALL FINISHES AND SELECTIONS WITH OWNER AND ARCHITECT PRIOR TO ORDERING. 3. PROVIDE SAMPLES IN SPECIFIED COLOR AND FINISH FOR APPROVAL BY OWNER AND ARCHITECT PRIOR TO ORDERING. 4. PAINT PRIMER AS SPECIFIED BY MANUFACTURER. 5. EXTERIOR SIDING: SATIN SHEEN 6. EXTERIOR TRIMWORK: SEMI-GLOSS SHEEN				



Side Elevation (North Elevation)

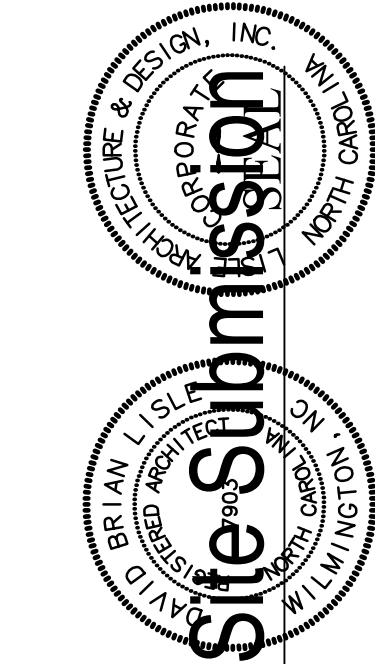
B
1/8"



Front Elevation (West Elevation)

A
1/8"

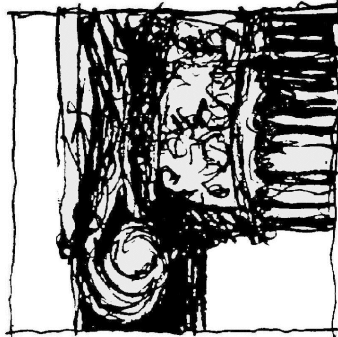
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RELEASE: 05.01.26	
NO. REV./SUB.	



MITCHELL MILLS MARKET
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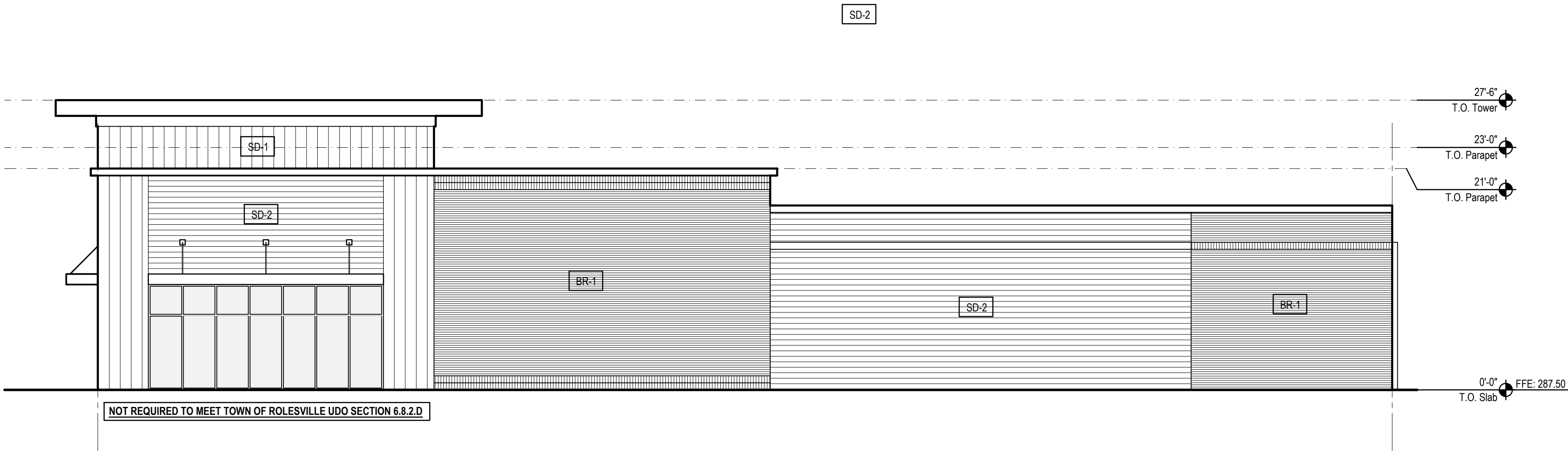


SHEET TITLE - NUMBER

Exterior
Elevations

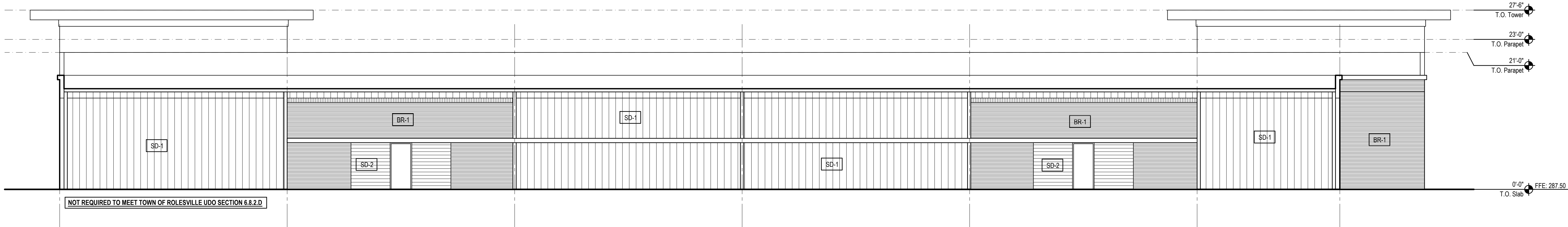
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EXTERIOR MATERIAL SCHEDULE				
LABEL	LOCATION	MANUFACTURER	MATERIAL	COLOR
PAINT				
PT-1	SEE ELEVATIONS (TRIM)	SHERWIN WILLIAMS		TBD
PT-2	SEE ELEVATIONS (SD-2)	SHERWIN WILLIAMS		TBD
ROOFING				
TPO	SEE ELEVATIONS and ROOF PLANS	GAF	TPO	GRAY
WALLS				
SD-1	SEE ELEVATIONS	PAC-CLAD	HWP METAL WALL PANEL & CLADDING SYSTEM	CITYSCAPE
SD-2	SEE ELEVATIONS	JAMES HARDIE	SMOOTH LAPPED SIDING	TBS
BR-1	SEE ELEVATIONS	TRIANGLE BRICK		EVELYN BAY
FLOORS				
CONC	PATIOS		CONCRETE-FINISH TO BE SELECTED	TO BE SELECTED
NOTES				
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Side Elevation (South Elevation)

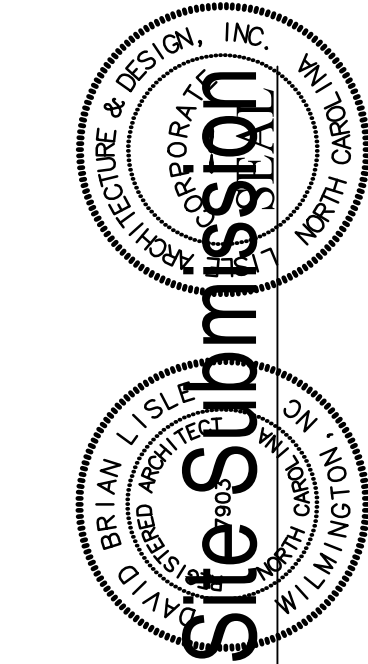
B
1/8"



Rear Elevation (East Elevation)

A
1/8"

PROJECT NO: 24063	DATE
RELEASE: 05.01.26	
NO. REV./SUB.	



MITCHELL MILLS MARKET
Building A - 25,000 SF
Rolesville, NC 27571

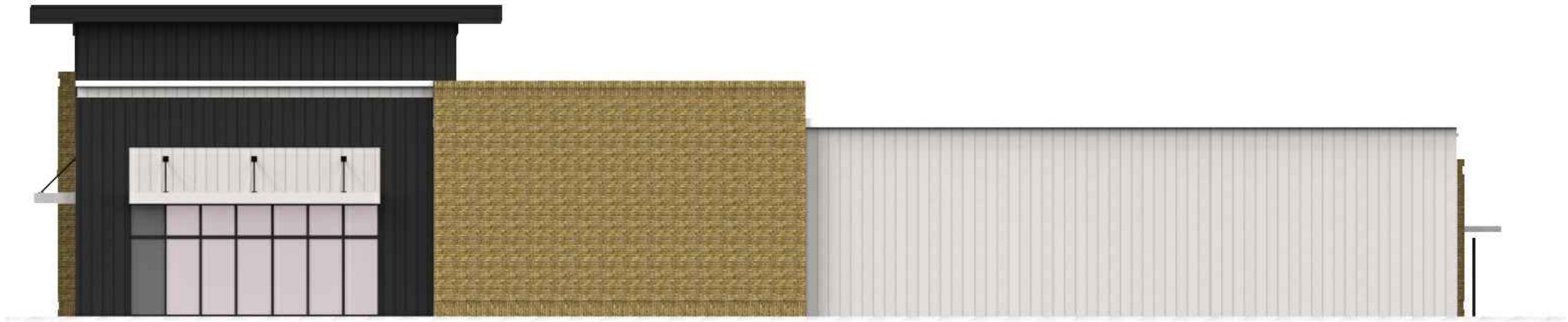
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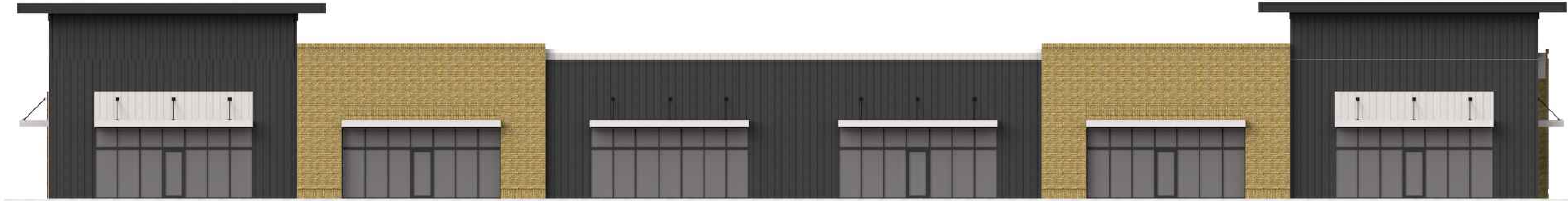
SHEET TITLE - NUMBER
Exterior
Elevations

A22



Side Elevation (South Elevation)

B
NTS



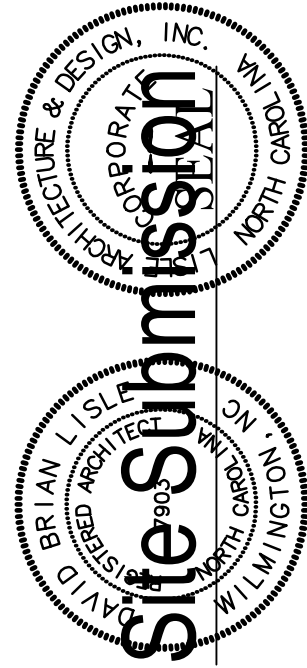
Front Elevation (West Elevation)

A
NTS

PROJECT NO: 24063

RELEASE: 05.01.26

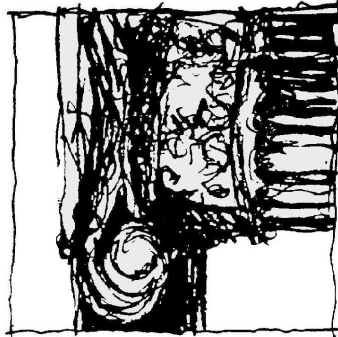
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SHEET TITLE - NUMBER
Schematic
Exterior
Renderings

R1.1



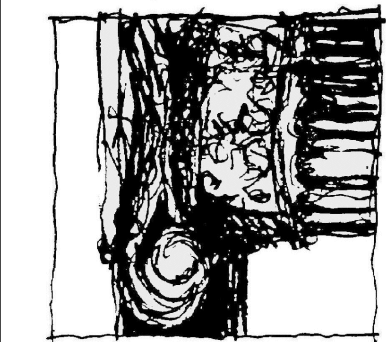
Side Elevation (North Elevation)

B
NTS



Rear Elevation (East Elevation)

A
NTS

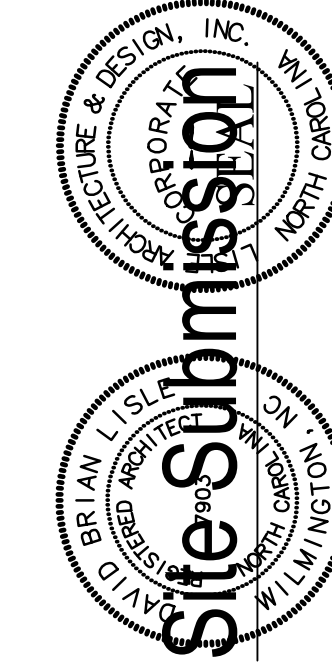


SHEET TITLE - NUMBER
Schematic
Exterior
Renderings

R12

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MITCHELL MILLS MARKET
Building A - 25,000 SF
Rolesville, NC 27571



PROJECT NO: 24063
RELEASE: 05.01.26
NO. REV./SUB. DATE

Mitchell Mills Market Building B

Rolesville, NC 27571
Wake County
SDP-26-0002

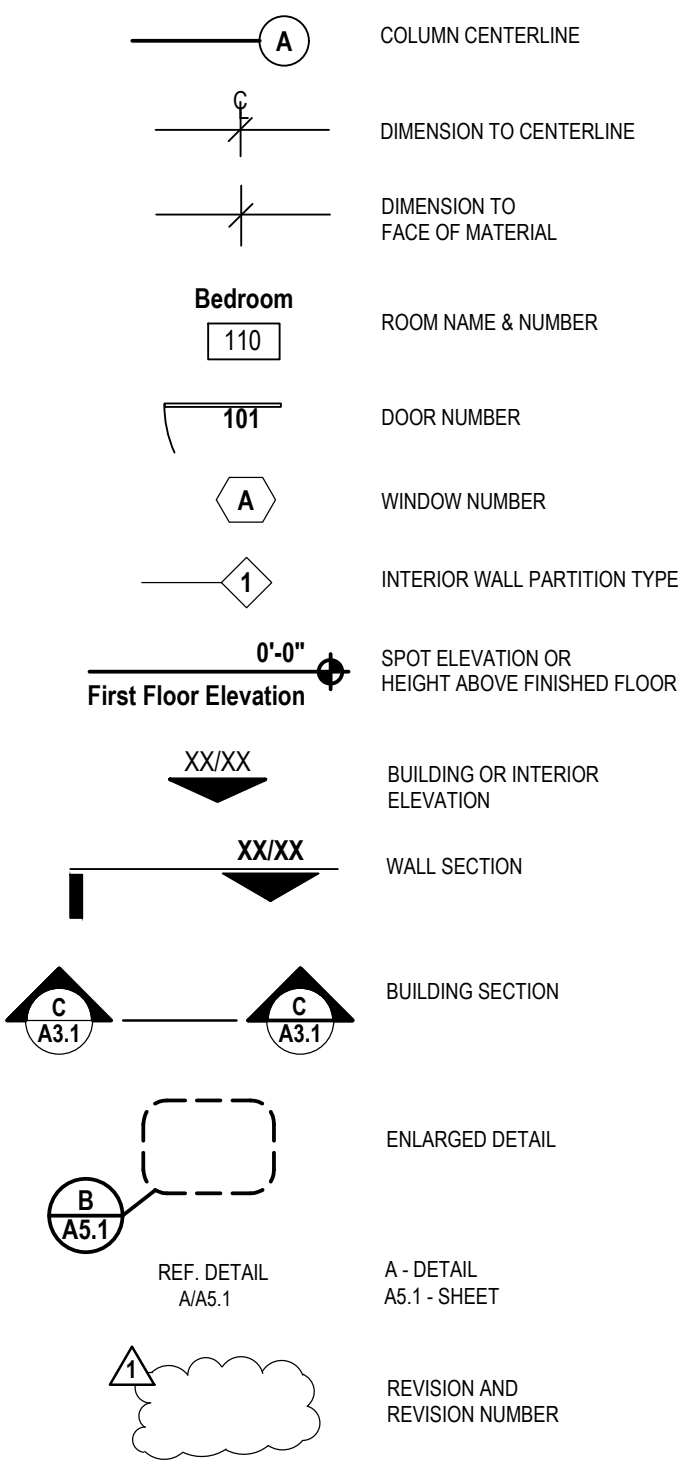
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Legend



Vicinity Map

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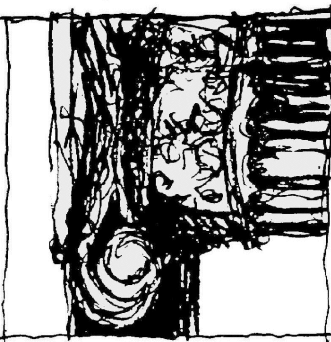
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RELEASE: 05.01.26	
NO. REV./SUB.	

Site Submission

MITCHELL MILLS MARKET
Building B - 9000 SF
Rolesville, NC 27571

Lisle Architecture &
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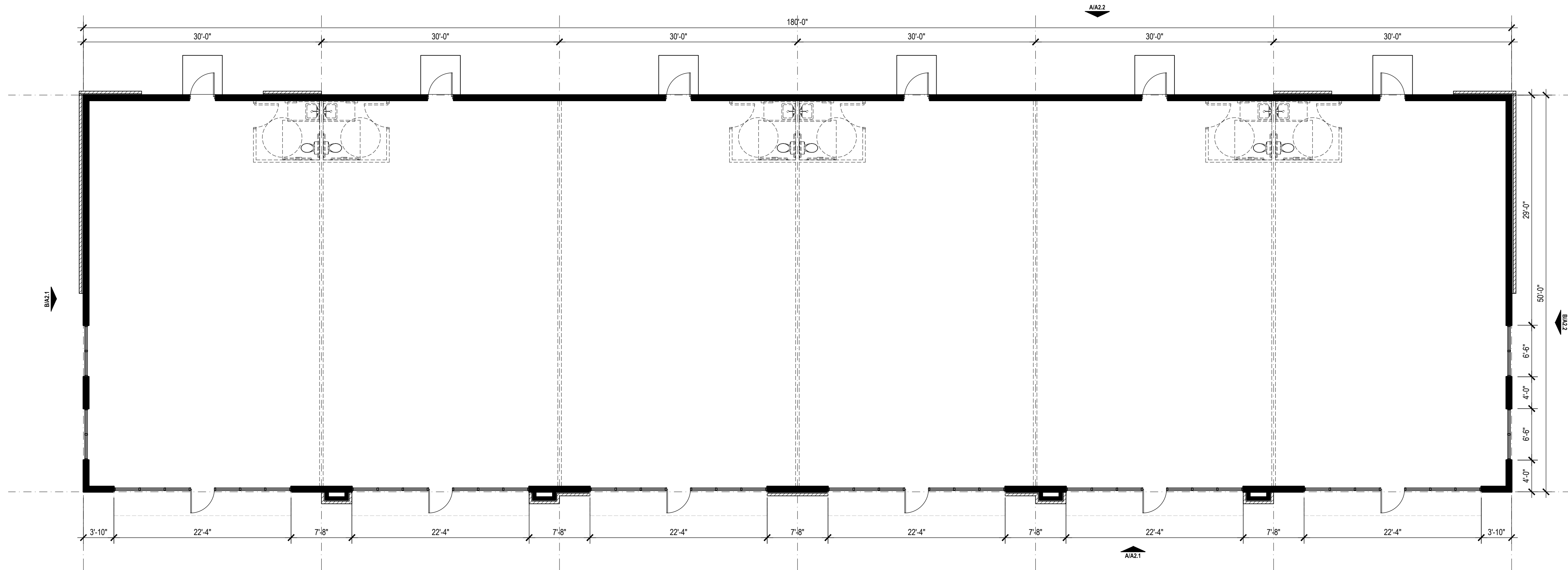
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SHEET TITLE - NUMBER

Cover Sheet

CR



Floor Plan

A

1/8"



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SHEET TITLE - NUMBER

Floor Plan

A1.1

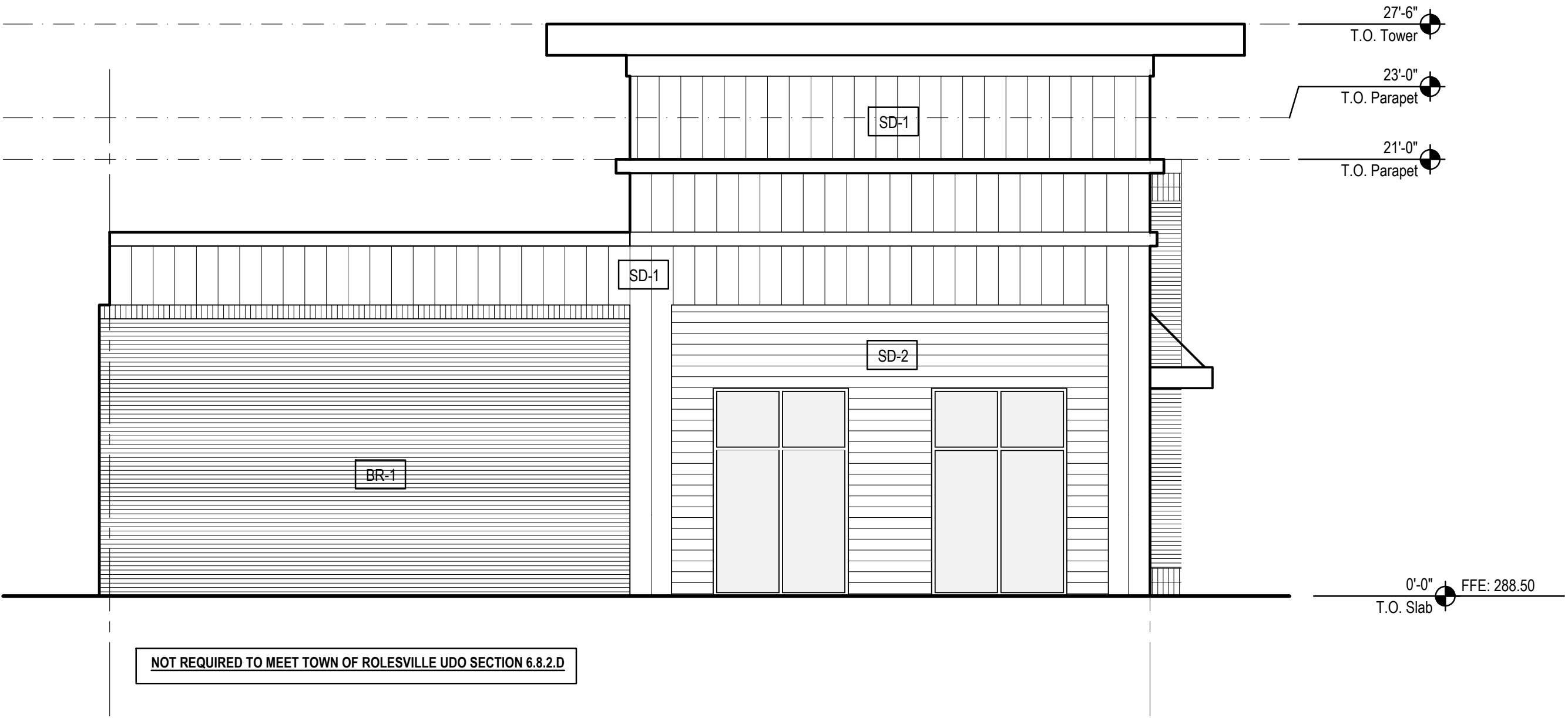
MITCHELL MILLS MARKET
Building B - 9000 SF
Rolesville, NC 27571

Site Submission

PROJECT NO: 24063
RELEASE: 05.01.26

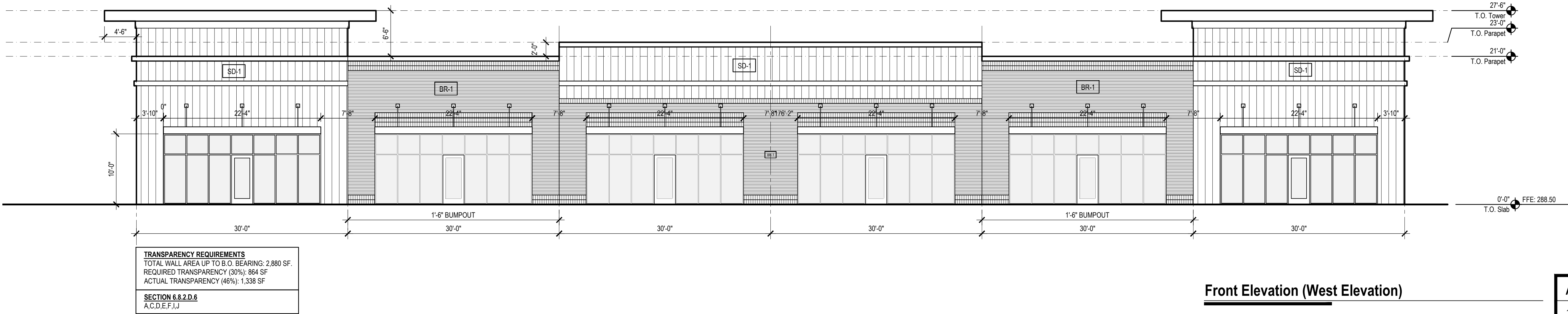
NO.	REV./SUB.	DATE

EXTERIOR MATERIAL SCHEDULE				
LABEL	LOCATION	MANUFACTURER	MATERIAL	COLOR
PAINT				
PT-1	SEE ELEVATIONS (TRIM)	SHERWIN WILLIAMS		TBD
PT-2	SEE ELEVATIONS (SD-2)	SHERWIN WILLIAMS		TBD
ROOFING				
TPO	SEE ELEVATIONS and ROOF PLANS	GAF	TPO	GRAY
WALLS				
SD-1	SEE ELEVATIONS	PAC-CLAD	HWP METAL WALL PANEL & CLADDING SYSTEM	CITYSCAPE
SD-2	SEE ELEVATIONS	JAMES HARDIE	SMOOTH LAPPED SIDING	TBS
BR-1	SEE ELEVATIONS	TRIANGLE BRICK		EVELYN BAY
FLOORS				
CONC	PATIOS		CONCRETE-FINISH TO BE SELECTED	TO BE SELECTED
NOTES				
GENERAL FINISH NOTES: 1. COORDINATE AND CONFRIM ALL PAINT COLORS AND FINISHES WITH OWNER AND ARCHITECT. 2. CONFIRM ALL FINISHES AND SELECTIONS WITH OWNER AND ARCHITECT PRIOR TO ORDERING. 3. PROVIDE SAMPLES IN SPECIFIED COLOR AND FINISH FOR APPROVAL BY OWNER AND ARCHITECT PRIOR TO ORDERING. 4. PAINT PRIMER AS SPECIFIED BY MANUFACTURER. 5. EXTERIOR SIDING: SATIN SHEEN 6. EXTERIOR TRIMWORK: SEMI-GLOSS SHEEN				



Side Elevation (North Elevation)

B
3/16"



Front Elevation (West Elevation)

A
1/8"

PROJECT NO: 24063	DATE
RELEASE: 05.01.26	
NO. REV./SUB.	

Site Submission

MITCHELL MILLS MARKET
Building B - 9000 SF
Rolesville, NC 27571

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SHEET TITLE - NUMBER
Exterior Elevations

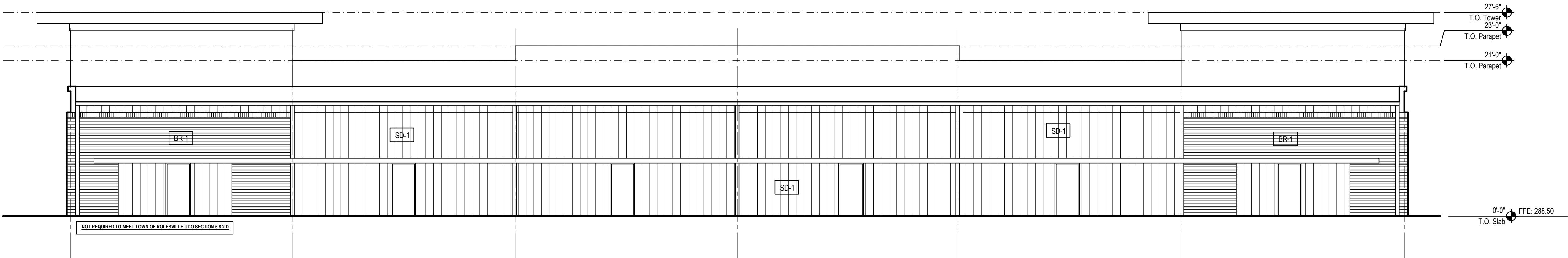
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EXTERIOR MATERIAL SCHEDULE				
LABEL	LOCATION	MANUFACTURER	MATERIAL	COLOR
PAINT				
PT-1	SEE ELEVATIONS (TRIM)	SHERWIN WILLIAMS		TBD
PT-2	SEE ELEVATIONS (SD-2)	SHERWIN WILLIAMS		TBD
ROOFING				
TPO	SEE ELEVATIONS and ROOF PLANS	GAF	TPO	GRAY
WALLS				
SD-1	SEE ELEVATIONS	PAC-CLAD	HWP METAL WALL PANEL & CLADDING SYSTEM	CITYSCAPE
SD-2	SEE ELEVATIONS	JAMES HARDIE	SMOOTH LAPPED SIDING	TBS
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4. PAINT PRIMER AS SPECIFIED BY MANUFACTURER.				
5. EXTERIOR SIDING: SATIN SHEEN				
6. EXTERIOR TRIMWORK: SEMI-GLOSS SHEEN				



Side Elevation (South Elevation)

C
3/16"



Rear Elevation (East Elevation)

A
1/8"

PROJECT NO: 24063		RELEASE: 05.01.26	
NO.	REV./SUB.	DATE	

Site Submission

MITCHELL MILLS MARKET
Building B - 9000 SF
Rolesville, NC 27571

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SHEET TITLE - NUMBER
Exterior Elevations

A22



Side Elevation (North Elevation)

D
NTS



Rear Elevation (East Elevation)

C
NTS



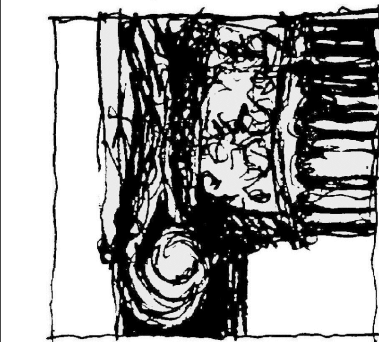
Side Elevation (South Elevation)

B
NTS



North Elevation (West Elevation)

A
NTS



SHEET TITLE - NUMBER
Schematic
Exterior
Renderings

R1.1

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Building B - 9000 SF
Rolesville, NC 27571

PROJECT NO: 24063	RELEASE: 05.01.26	NO.	REV./SUB.	DATE

Site Submission

Mitchell Mills Market Building C

Rolesville, NC 27571
Wake County

SDP-26-0002

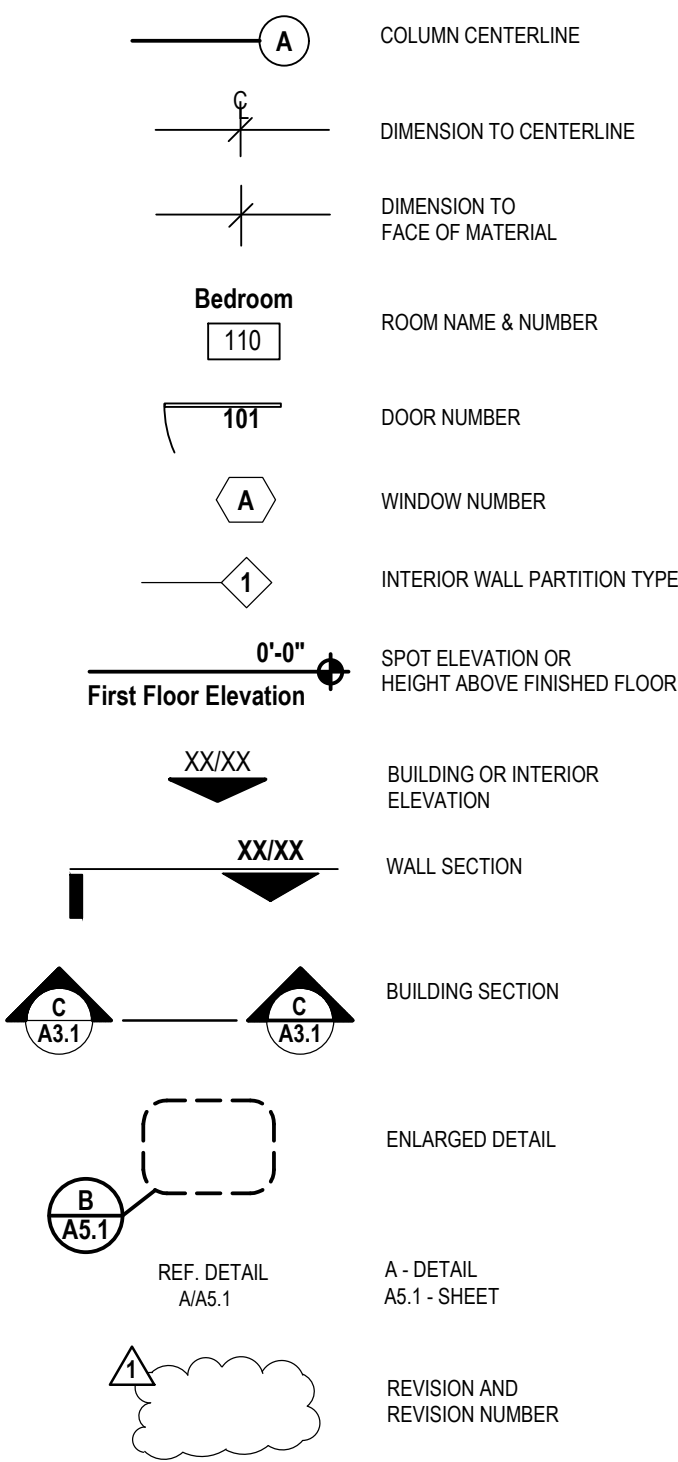
Lisle Architecture & Design, Inc.
614 Market Street
Wilmington, North Carolina 28401
(910) 763-6053



Abbreviations

A.C.T.	ACOUSTICAL CEILING TILE	INSUL.	INSULATION
ADJ.	ADJUSTABLE	JST.BRG.	JOIST BEARING
A.F.F.	ABOVE FINISHED FLOOR	LAV.	LAVATORY
ALUM.	ALUMINUM	MAX.	MAXIMUM
ALT.	ALTERNATE	M.B.S.	METAL BUILDING SUPPLIER
ANOD.	ANODIZED	MECH.	MECHANICAL
BD.	BOARD	MIN.	MINIMUM
BLDG.	BUILDING	MISC.	MISCELLANEOUS
BM.	BEAM	M.O.	MASONRY OPENING
BOT.	BOTTOM	MTD.	MOUNTED
BRG. HT.	BEARING HEIGHT	MTL.	METAL
CL	CENTER LINE	O.C.	ON CENTER
CLG.	CEILING	O.H.	OPPOSITE HAND
CLR.	CLEAR	PLYWD.	PLYWOOD
C.J.	CONTROL JOINT	P.T.	PRESSURE TREATED
C.M.U.	CONCRETE MASONRY UNIT	PT (D)	PAINT (ED)
COL.	COLUMN	REF.	REFER, REFERENCE
CONC.	CONCRETE	REINF.	REINFORCING
CONT.	CONTINUOUS	RM.	ROOM
DBL.	DOUBLE	ROT.	ROTATED
DET.	DETAIL	S.C.	SOLID CORE
DR.	DOOR	SCHED.	SCHEDULE (ED)
D.S.	DOWNSPOUT	SHT.	SHEET
DWG.	DRAWING	SIM.	SIMILAR
E.J.	EXPANSION JOINT	SPEC.	SPECIFICATION (S)
ELEV.	ELEVATION	STD.	STANDARD
ELEC.	ELECTRICAL	STL.	STEEL
EQ.	EQUAL	STRUCT.	STRUCTURE (AL)
E.W.C.	ELECTRIC WATER COOLER	TEMP.	TEMPERED
EXP.	EXPANSION	T.O.M.	TOP OF MASONRY
EXT.	EXTERIOR	T.O.P.	TOP OF PARAPET
F.F.	FINISH FLOOR	T.O.S.	TOP OF STEEL
FIN.	FINISH (ED)	T.O.W.	TOP OF WALL
FLR.	FLOOR	T.S.	TUBULAR STEEL
F.O.C.	FACE OF CONCRETE	TYP.	TYPICAL
F.O.G.B.	FACE OF GRADE BEAM	U.N.O	UNLESS NOTED OTHERWISE
F.O.M.	FACE OF MASONRY	V.C.T.	VINYL COMPOSITION TILE
F.O.S.	FACE OF STUD	VERT.	VERTICAL
F.R.P.	FIBERGLASS REINFORCED PANEL	W.C.	WATER CLOSET
GA.	GAUGE, OR GAGE	WD.	WOOD
GL.	GLASS	W.H.	WATER HEATER
GYP. BD.	GYPSUM BOARD	W/	WITH
H.B.	HOSE BIB		
H.C.	HOLLOW CORE		
HDWR.	HARDWARE		
HT.	HEIGHT		
H.V.A.C.	HEATING/VENTILATING/ AIR CONDITIONING		

Legend



Vicinity Map

Index of Drawings

- CR Cover Sheet
- ARCHITECTURAL
- A1.1 Floor Plan
A2.1 Exterior Elevations
A2.2 Exterior Elevations
R1.1 Schematic Exterior Renderings

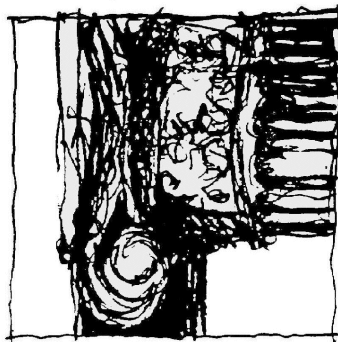
PROJECT NO: 24063	DATE
RELEASE: 05.01.26	
NO. REV./SUB.	

Site Submission

MITCHELL MILLS MARKET
Building C - 6000 SF
Rolesville, NC 27571

Lisle Architecture & Design, Inc.

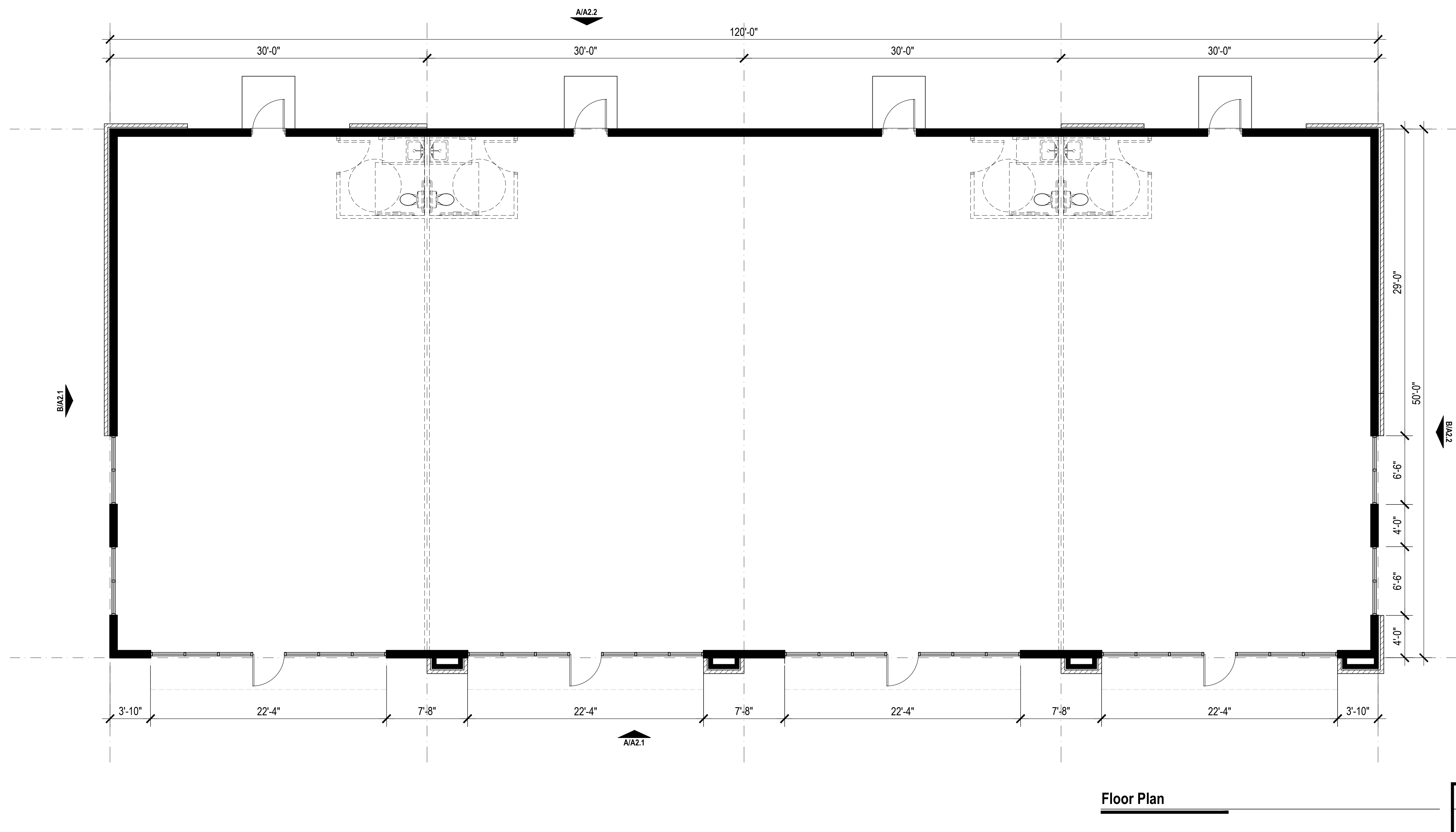
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Rolesville, NC (919) 980.0283
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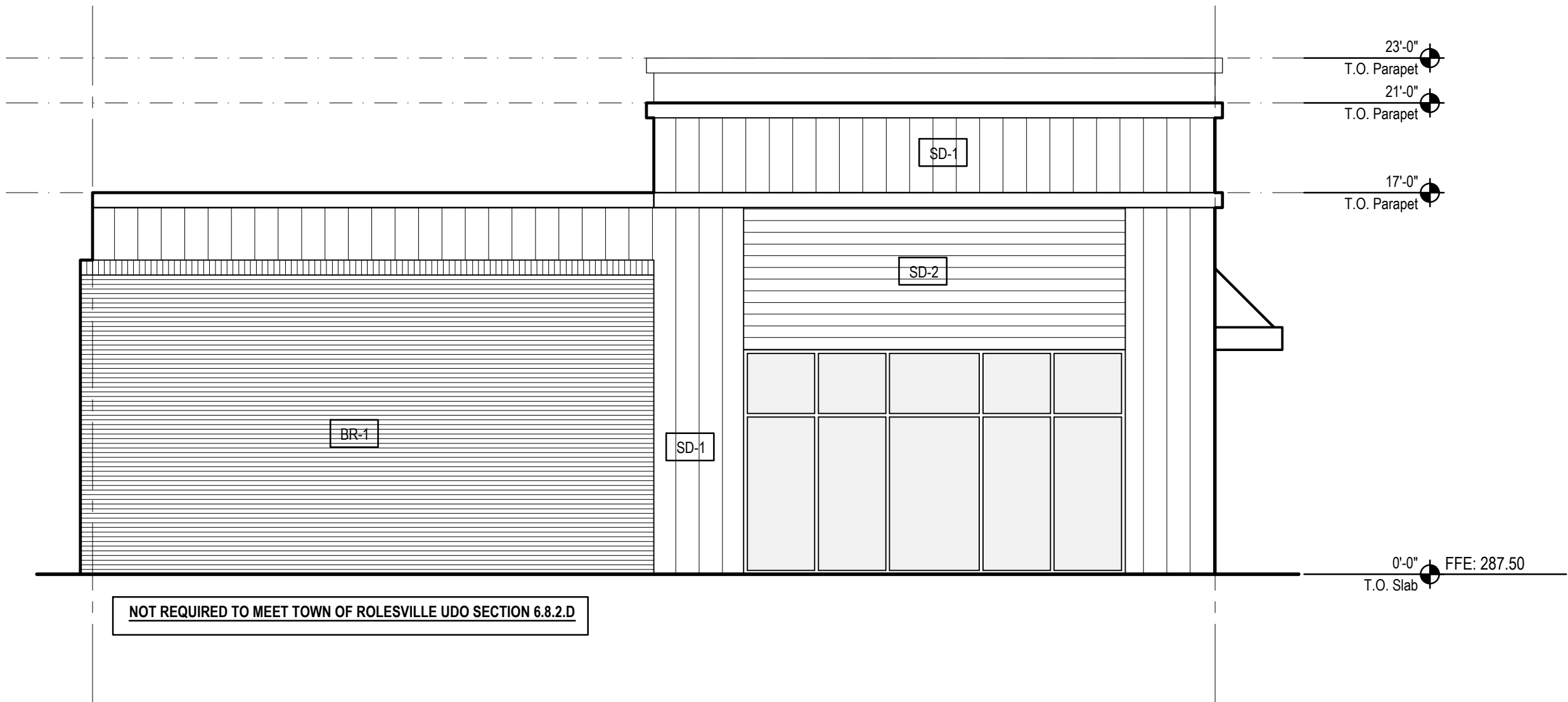
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Cover Sheet

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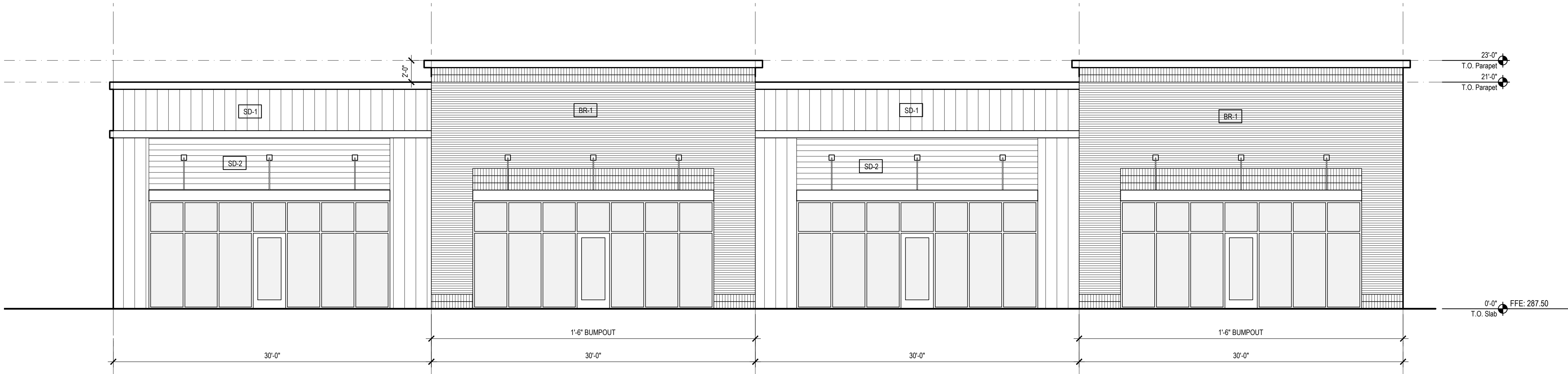


EXTERIOR MATERIAL SCHEDULE				
LABEL	LOCATION	MANUFACTURER	MATERIAL	COLOR
PAINT				
PT-1	SEE ELEVATIONS (TRIM)	SHERWIN WILLIAMS		TBD
PT-2	SEE ELEVATIONS (SD-2)	SHERWIN WILLIAMS		TBD
ROOFING				
TPO	SEE ELEVATIONS and ROOF PLANS	GAF	TPO	GRAY
WALLS				
SD-1	SEE ELEVATIONS	PAC-CLAD	HWP METAL WALL PANEL & CLADDING SYSTEM	CITYSCAPE
SD-2	SEE ELEVATIONS	JAMES HARDIE	SMOOTH LAPPED SIDING	TBS
BR-1	SEE ELEVATIONS	TRIANGLE BRICK		EVELYN BAY
FLOORS				
CONC	PATIOS		CONCRETE-FINISH TO BE SELECTED	TO BE SELECTED
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Side Elevation (East Elevation)

B
3/16"



TRANSPARENCY REQUIREMENTS
TOTAL WALL AREA UP TO B.O. BEARING: 1,931 SF.
REQUIRED TRANSPARENCY (30%): 579.3 SF
ACTUAL TRANSPARENCY (46%): 892 SF

SECTION 6.8.2.D.6
A,C,D,E,F,I,J

Front Elevation (North Elevation)

A
3/16"

PROJECT NO: 24063	DATE
RELEASE: 05.01.26	
NO. REV./SUB.	

Site Submission

MITCHELL MILLS MARKET
Building C - 6000 SF
Rolesville, NC 27571

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SHEET TITLE - NUMBER
Exterior
Elevations

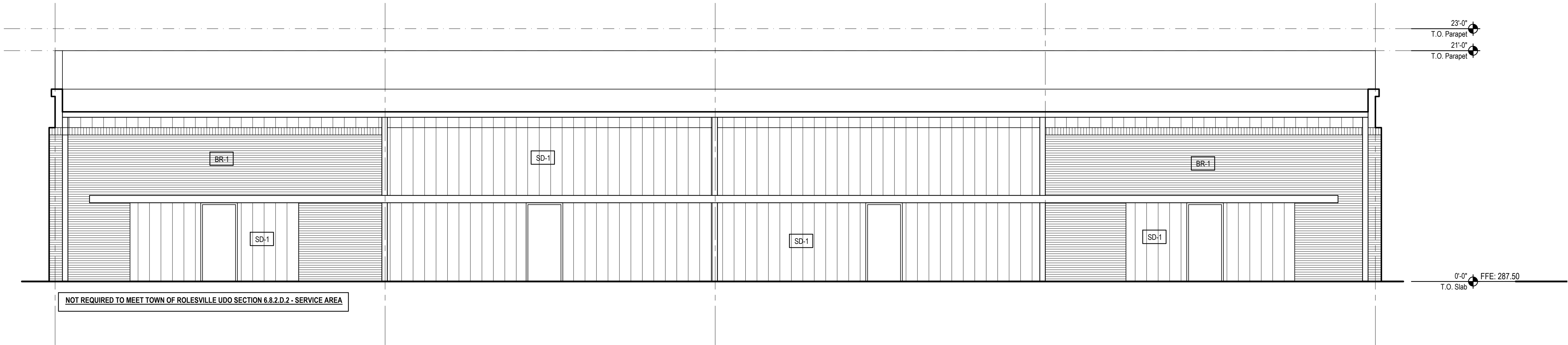
A2.1

EXTERIOR MATERIAL SCHEDULE				
LABEL	LOCATION	MANUFACTURER	MATERIAL	COLOR
PAINT				
PT-1	SEE ELEVATIONS (TRIM)	SHERWIN WILLIAMS		TBD
PT-2	SEE ELEVATIONS (SD-2)	SHERWIN WILLIAMS		TBD
ROOFING				
TPO	SEE ELEVATIONS and ROOF PLANS	GAF	TPO	GRAY
WALLS				
SD-1	SEE ELEVATIONS	PAC-CLAD	HWP METAL WALL PANEL & CLADDING SYSTEM	CITYSCAPE
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Side Elevation (West Elevation)

C
3/16"



Rear Elevation (South Elevation)

A
3/16"

PROJECT NO: 24063	DATE
RELEASE: 05.01.26	
NO. REV./SUB.	

Site Submission

MITCHELL MILLS MARKET
Building C - 6000 SF
Rolesville, NC 27571

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SHEET TITLE - NUMBER
Exterior
Elevations

A22



Side Elevation (East Elevation)

D
NTS



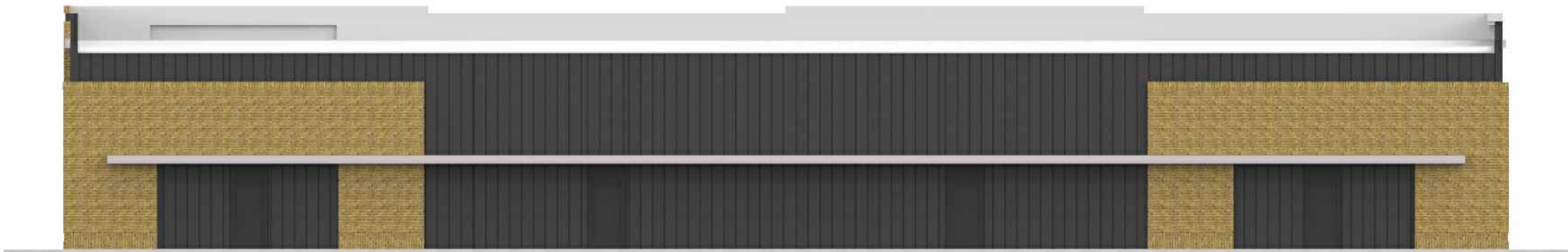
Front Elevation (North Elevation)

C
NTS



Side Elevation (West Elevation)

B
NTS



Rear Elevation (South Elevation)

A
NTS

PROJECT NO: 24063
RELEASE: 05.01.26

NO.	REV./SUB.	DATE

Site Submission

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Building C - 6000 SF
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SHEET TITLE - NUMBER
Schematic
Exterior
Renderings

R1.1

Mitchell Mills Market Building D

Rolesville, NC 27571
Wake County

SDP-26-0002

Lisle Architecture & Design, Inc.
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Wilmington, North Carolina 28401
(910) 763-6053



Abbreviations

A.C.T.	ACOUSTICAL CEILING TILE	INSUL.	INSULATION
ADJ.	ADJUSTABLE	JST.BRG.	JOIST BEARING
A.F.F.	ABOVE FINISHED FLOOR	LAV.	LAVATORY
ALUM.	ALUMINUM	MAX.	MAXIMUM
ALT.	ALTERNATE	M.B.S.	METAL BUILDING SUPPLIER
ANOD.	ANODIZED	MECH.	MECHANICAL
BD.	BOARD	MIN.	MINIMUM
BLDG.	BUILDING	MISC.	MISCELLANEOUS
BM.	BEAM	M.O.	MASONRY OPENING
BOT.	BOTTOM	MTD.	MOUNTED
BRG. HT.	BEARING HEIGHT	MTL.	METAL
CL	CENTER LINE	O.C.	ON CENTER
CLG.	CEILING	O.H.	OPPOSITE HAND
CLR.	CLEAR	PLYWD.	PLYWOOD
C.J.	CONTROL JOINT	P.T.	PRESSURE TREATED
C.M.U.	CONCRETE MASONRY UNIT	PT (D)	PAINT (ED)
COL.	COLUMN	REF.	REFER, REFERENCE
CONC.	CONCRETE	REINF.	REINFORCING
CONT.	CONTINUOUS	RM.	ROOM
DBL.	DOUBLE	ROT.	ROTATED
DET.	DETAIL	S.C.	SOLID CORE
DR.	DOOR	SCHED.	SCHEDULE (ED)
D.S.	DOWNSPOUT	SHT.	SHEET
DWG.	DRAWING	SIM.	SIMILAR
E.J.	EXPANSION JOINT	SPEC.	SPECIFICATION (S)
ELEV.	ELEVATION	STD.	STANDARD
ELEC.	ELECTRICAL	STL.	STEEL
EQ.	EQUAL	STRUCT.	STRUCTURE (AL)
E.W.C.	ELECTRIC WATER COOLER	TEMP.	TEMPERED
EXP.	EXPANSION	T.O.M.	TOP OF MASONRY
EXT.	EXTERIOR	T.O.P.	TOP OF PARAPET
F.F.	FINISH FLOOR	T.O.S.	TOP OF STEEL
FIN.	FINISH (ED)	T.O.W.	TOP OF WALL
FLR.	FLOOR	T.S.	TUBULAR STEEL
F.O.C.	FACE OF CONCRETE	TYP.	TYPICAL
F.O.G.B.	FACE OF GRADE BEAM	U.N.O	UNLESS NOTED OTHERWISE
F.O.M.	FACE OF MASONRY	V.C.T	VINYL COMPOSITION TILE
F.O.S.	FACE OF STUD	VERT.	VERTICAL
F.R.P.	FIBERGLASS REINFORCED PANEL	W.C.	WATER CLOSET
GA.	GAUGE, OR GAGE	WD.	WOOD
GL.	GLASS	W.H.	WATER HEATER
GYP. BD.	GYPSUM BOARD	W/	WITH
H.B.	HOSE BIB		
H.C.	HOLLOW CORE		
HDWR.	HARDWARE		
HT.	HEIGHT		
H.V.A.C.	HEATING/VENTILATING/ AIR CONDITIONING		

Legend

	COLUMN CENTERLINE
	DIMENSION TO CENTERLINE
	DIMENSION TO FACE OF MATERIAL
	ROOM NAME & NUMBER
	DOOR NUMBER
	WINDOW NUMBER
	INTERIOR WALL PARTITION TYPE
	SPOT ELEVATION OR HEIGHT ABOVE FINISHED FLOOR
	BUILDING OR INTERIOR ELEVATION
	WALL SECTION
	BUILDING SECTION
	ENLARGED DETAIL
	REF. DETAIL A/A5.1
	REVISION AND REVISION NUMBER

Vicinity Map

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- A2.1 Exterior Elevations
- A2.2 Exterior Elevations
- R1.1 Schematic Exterior Renderings
- R1.2 Schematic Exterior Renderings

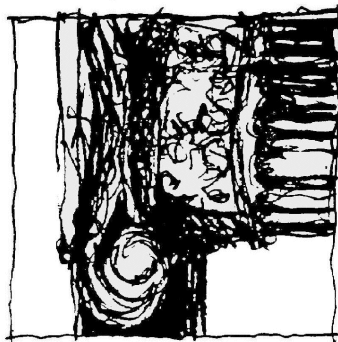
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NO. REV./SUB.	

Site Submission

MITCHELL MILLS MARKET
Building D - 12,000 SF
Rolesville, NC 27571

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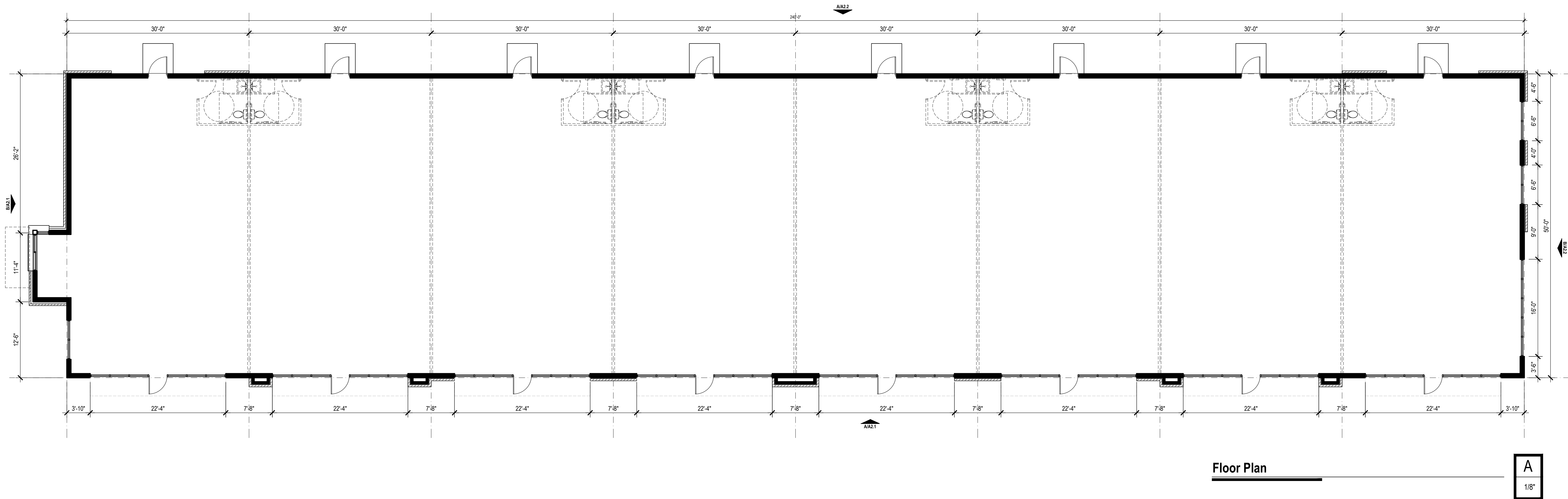
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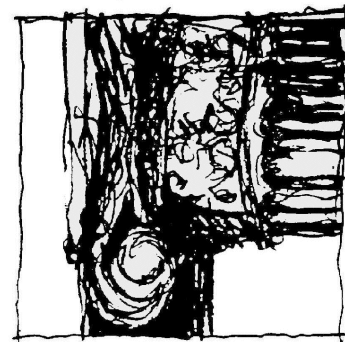
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Floor Plan

A
1/8"

Lisle Architecture &
Design, Inc.



SHEET TITLE - NUMBER

Floor Plan

A1.1

MITCHELL MILLS MARKET
Building D - 12,000 SF
Rolesville, NC 27571

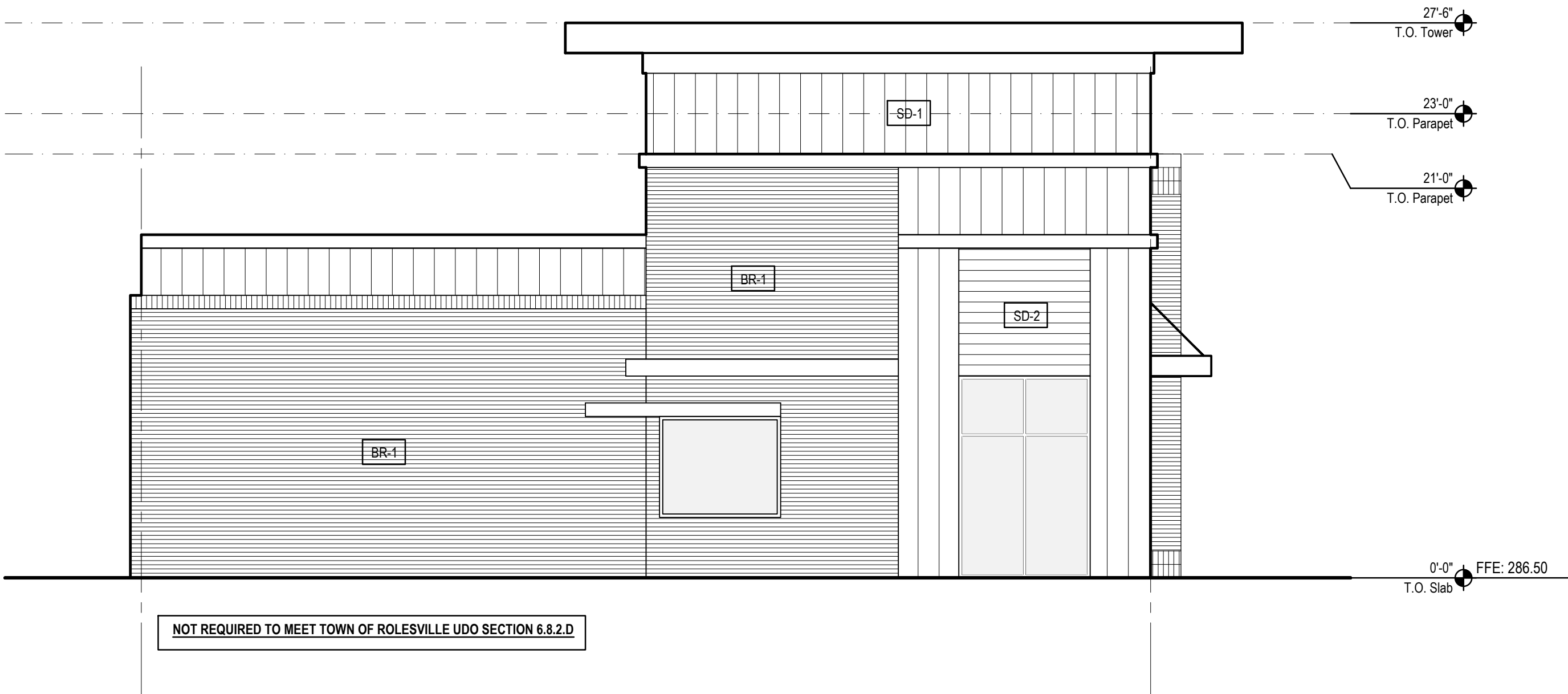
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Rolesville, NC (919) 980.0283
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PROJECT NO: 24063
RELEASE: 05.01.26

NO.	REV./SUB.	DATE

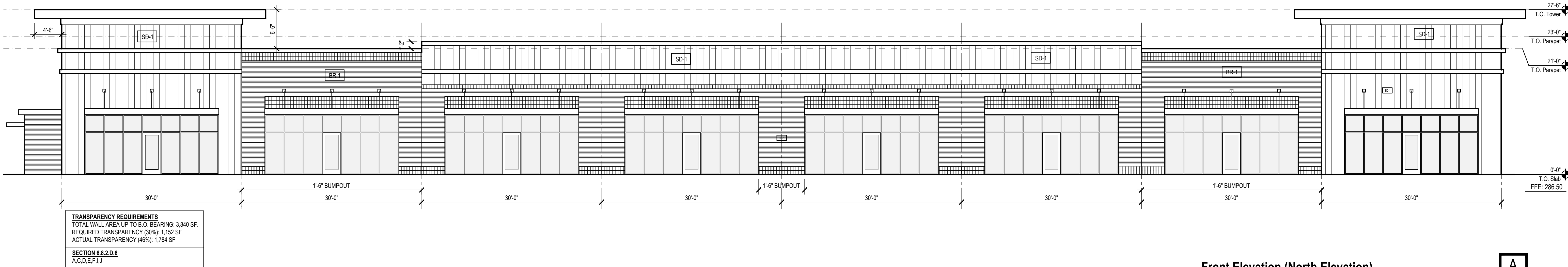
Site Submission

EXTERIOR MATERIAL SCHEDULE				
LABEL	LOCATION	MANUFACTURER	MATERIAL	COLOR
PAINT				
PT-1	SEE ELEVATIONS (TRIM)	SHERWIN WILLIAMS		TBD
PT-2	SEE ELEVATIONS (SD-2)	SHERWIN WILLIAMS		TBD
ROOFING				
TPO	SEE ELEVATIONS and ROOF PLANS	GAF	TPO	GRAY
WALLS				
SD-1	SEE ELEVATIONS	PAC-CLAD	HWP METAL WALL PANEL & CLADDING SYSTEM	CITYSCAPE
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BR-1	SEE ELEVATIONS	TRIANGLE BRICK		EVELYN BAY
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4. PAINT PRIMER AS SPECIFIED BY MANUFACTURER.				
5. EXTERIOR SIDING: SATIN SHEEN				
6. EXTERIOR TRIMWORK: SEMI-GLOSS SHEEN				



Side Elevation (East Elevation)

B
3/16"



TRANSPARENCY REQUIREMENTS
TOTAL WALL AREA UP TO B.O. BEARING: 3,840 SF.
REQUIRED TRANSPARENCY (30%): 1,152 SF
ACTUAL TRANSPARENCY (46%): 1,784 SF
SECTION 6.8.2.D.6
A,C,D,E,F,I,J

Front Elevation (North Elevation)

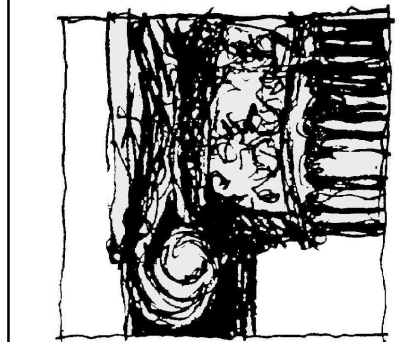
A
1/8"

PROJECT NO: 24063		RELEASE: 05.01.26	
NO.	REV./SUB.	DATE	

Site Submission

MITCHELL MILLS MARKET
Building D - 12,000 SF
Rolesville, NC 27571

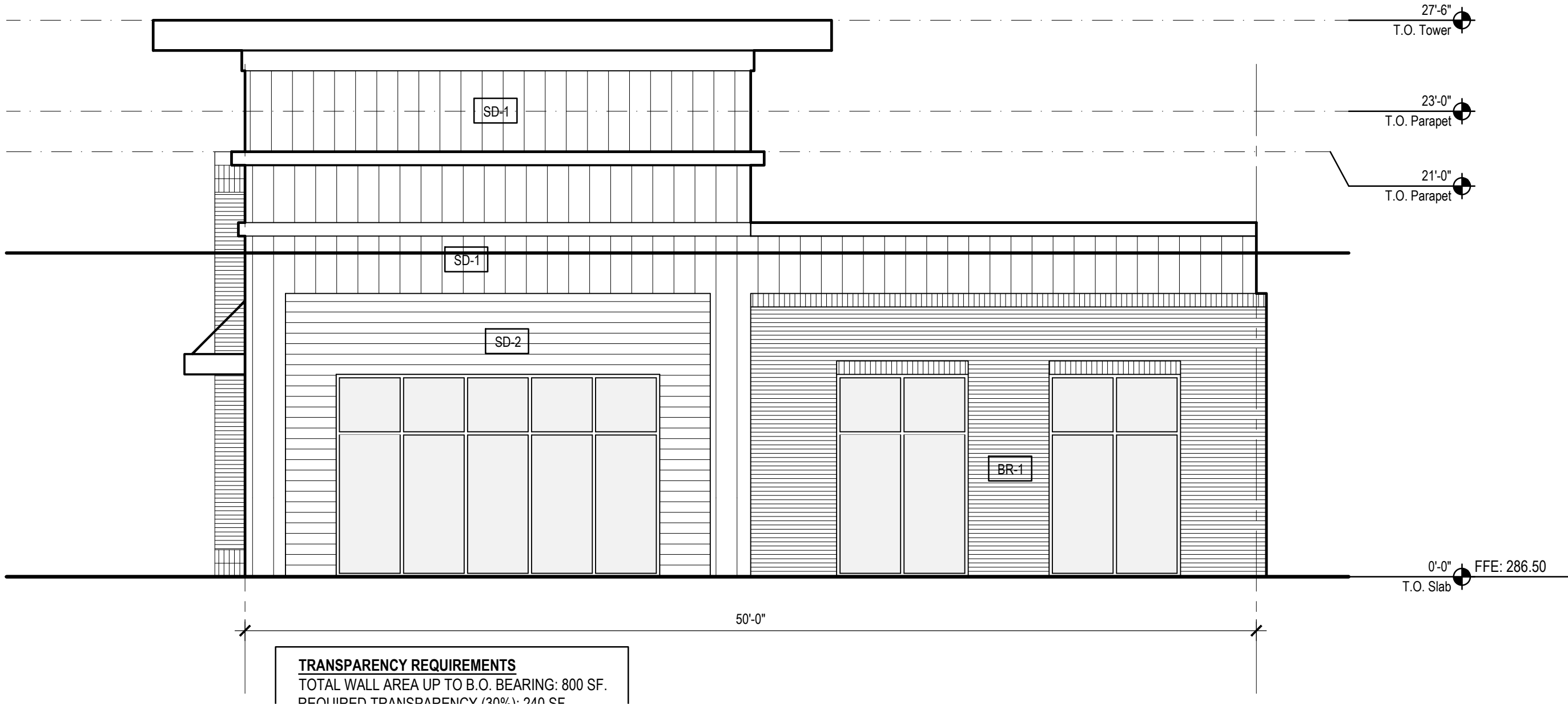
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Raleigh, NC (919) 980.0283
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SHEET TITLE - NUMBER
Exterior Elevations

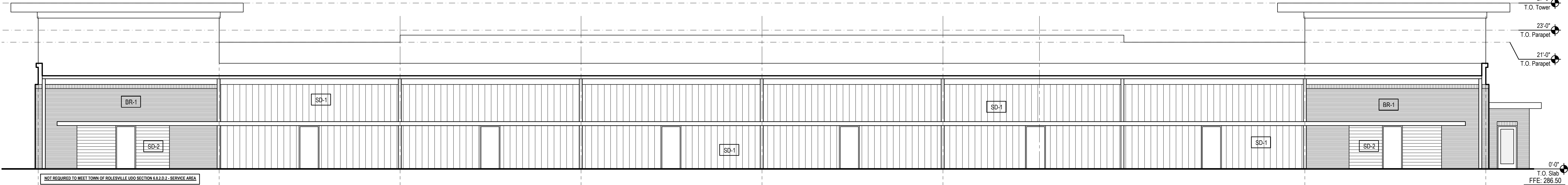
A2.1

EXTERIOR MATERIAL SCHEDULE				
LABEL	LOCATION	MANUFACTURER	MATERIAL	COLOR
PAINT				
PT-1	SEE ELEVATIONS (TRIM)	SHERWIN WILLIAMS		TBD
PT-2	SEE ELEVATIONS (SD-2)	SHERWIN WILLIAMS		TBD
ROOFING				
TPO	SEE ELEVATIONS and ROOF PLANS	GAF	TPO	GRAY
WALLS				
SD-1	SEE ELEVATIONS	PAC-CLAD	HWP METAL WALL PANEL & CLADDING SYSTEM	CITYSCAPE
SD-2	SEE ELEVATIONS	JAMES HARDIE	SMOOTH LAPPED SIDING	TBS
BR-1	SEE ELEVATIONS	TRIANGLE BRICK		EVELYN BAY
FLOORS				
CONC	PATIOS		CONCRETE-FINISH TO BE SELECTED	TO BE SELECTED
NOTES				
GENERAL FINISH NOTES:				
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2. CONFIRM ALL FINISHES AND SELECTIONS WITH OWNER AND ARCHITECT PRIOR TO ORDERING.				
3. PROVIDE SAMPLES IN SPECIFIED COLOR AND FINISH FOR APPROVAL BY OWNER AND ARCHITECT PRIOR TO ORDERING.				
4. PAINT PRIMER AS SPECIFIED BY MANUFACTURER.				
5. EXTERIOR SIDING: SATIN SHEEN				
6. EXTERIOR TRIMWORK: SEMI-GLOSS SHEEN				



Side Elevation (West Elevation)

C
3/16"



Rear Elevation (South Elevation)

A
3/16"

PROJECT NO: 24063	DATE
RELEASE: 05.01.26	
NO. REV./SUB.	

Site Submission

MITCHELL MILLS MARKET
Building D - 12,000 SF
Rolesville, NC 27571

Lisle Architecture & Design, Inc.

614 Market Street
Wilmington, NC 28401
(910) 763.6053
Raleigh, NC (919) 980.0283
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SHEET TITLE - NUMBER
Exterior Elevations

A22



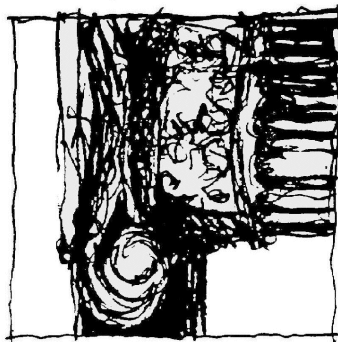
Front Elevation (North Elevation)

A
NTS



Side Elevation (East Elevation)

B
NTS



SHEET TITLE - NUMBER
Schematic
Exterior
Elevations

R1.1

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Rolesville, NC 27571

Site Submission

PROJECT NO: 24063

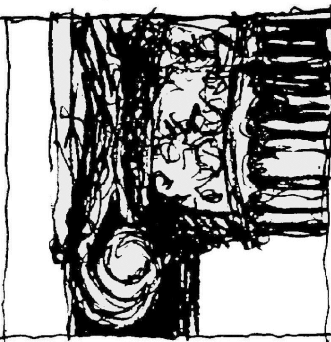
RELEASE: 05.01.26

NO.	REV./SUB.	DATE



Front Elevation (North Elevation)

A
NTS



SHEET TITLE - NUMBER
Schematic
Exterior
Elevations

R12

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MITCHELL MILLS MARKET
Building D - 12,000 SF
Rolesville, NC 27571

Site Submission

PROJECT NO: 24063

RELEASE: 05.01.26

NO.	REV./SUB.	DATE

Mitchell Mills Market Building E

Rolesville, NC 27571
Wake County

SDP-26-0002

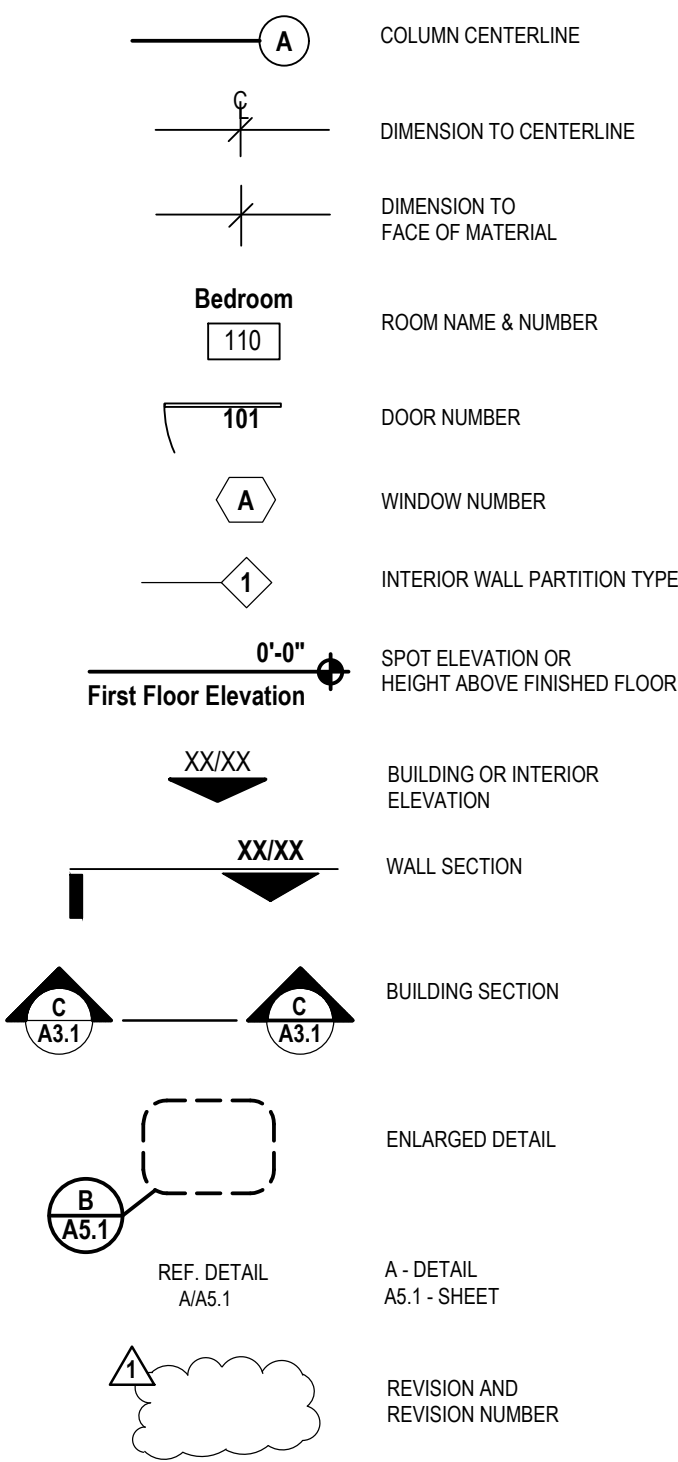
Lisle Architecture & Design, Inc.
614 Market Street
Wilmington, North Carolina 28401
(910) 763-6053



Abbreviations

A.C.T.	ACOUSTICAL CEILING TILE	INSUL.	INSULATION
ADJ.	ADJUSTABLE	JST.BRG.	JOIST BEARING
A.F.F.	ABOVE FINISHED FLOOR	LAV.	LAVATORY
ALUM.	ALUMINUM	MAX.	MAXIMUM
ALT.	ALTERNATE	M.B.S.	METAL BUILDING SUPPLIER
ANOD.	ANODIZED	MECH.	MECHANICAL
BD.	BOARD	MIN.	MINIMUM
BLDG.	BUILDING	MISC.	MISCELLANEOUS
BM.	BEAM	M.O.	MASONRY OPENING
BOT.	BOTTOM	MTD.	MOUNTED
BRG. HT.	BEARING HEIGHT	MTL.	METAL
CL	CENTER LINE	O.C.	ON CENTER
CLG.	CEILING	O.H.	OPPOSITE HAND
CLR.	CLEAR	PLYWD.	PLYWOOD
C.J.	CONTROL JOINT	P.T.	PRESSURE TREATED
C.M.U.	CONCRETE MASONRY UNIT	PT (D)	PAINT (ED)
COL.	COLUMN	REF.	REFER, REFERENCE
CONC.	CONCRETE	REINF.	REINFORCING
CONT.	CONTINUOUS	RM.	ROOM
DBL.	DOUBLE	ROT.	ROTATED
DET.	DETAIL	S.C.	SOLID CORE
DR.	DOOR	SCHED.	SCHEDULE (ED)
D.S.	DOWNSPOUT	SHT.	SHEET
DWG.	DRAWING	SIM.	SIMILAR
E.J.	EXPANSION JOINT	SPEC.	SPECIFICATION (S)
ELEV.	ELEVATION	STD.	STANDARD
ELEC.	ELECTRICAL	STL.	STEEL
EQ.	EQUAL	STRUCT.	STRUCTURE (AL)
E.W.C.	ELECTRIC WATER COOLER	TEMP.	TEMPERED
EXP.	EXPANSION	T.O.M.	TOP OF MASONRY
EXT.	EXTERIOR	T.O.P.	TOP OF PARAPET
F.F.	FINISH FLOOR	T.O.S.	TOP OF STEEL
FIN.	FINISH (ED)	T.O.W.	TOP OF WALL
FLR.	FLOOR	T.S.	TUBULAR STEEL
F.O.C.	FACE OF CONCRETE	TYP.	TYPICAL
F.O.G.B.	FACE OF GRADE BEAM	U.N.O	UNLESS NOTED OTHERWISE
F.O.M.	FACE OF MASONRY	V.C.T.	VINYL COMPOSITION TILE
F.O.S.	FACE OF STUD	VERT.	VERTICAL
F.R.P.	FIBERGLASS REINFORCED PANEL	W.C.	WATER CLOSET
GA.	GAUGE, OR GAGE	WD.	WOOD
GL.	GLASS	W.H.	WATER HEATER
GYP. BD.	GYPSUM BOARD	W/	WITH
H.B.	HOSE BIB		
H.C.	HOLLOW CORE		
HDWR.	HARDWARE		
HT.	HEIGHT		
H.V.A.C.	HEATING/VENTILATING/ AIR CONDITIONING		

Legend



Vicinity Map

Index of Drawings

- CR Cover Sheet
- ARCHITECTURAL
- A1.1 Floor Plan
A2.1 Exterior Elevations
A2.2 Exterior Elevations
R1.1 Schematic Exterior Renderings

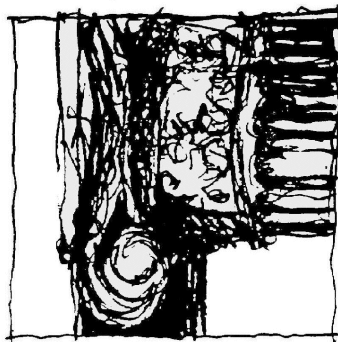
PROJECT NO: 24063	DATE
RELEASE: 05.01.26	
NO. REV./SUB.	

Site Submission

MITCHELL MILLS MARKET
Building E - 6000 SF
Rolesville, NC 27571

Lisle Architecture & Design, Inc.

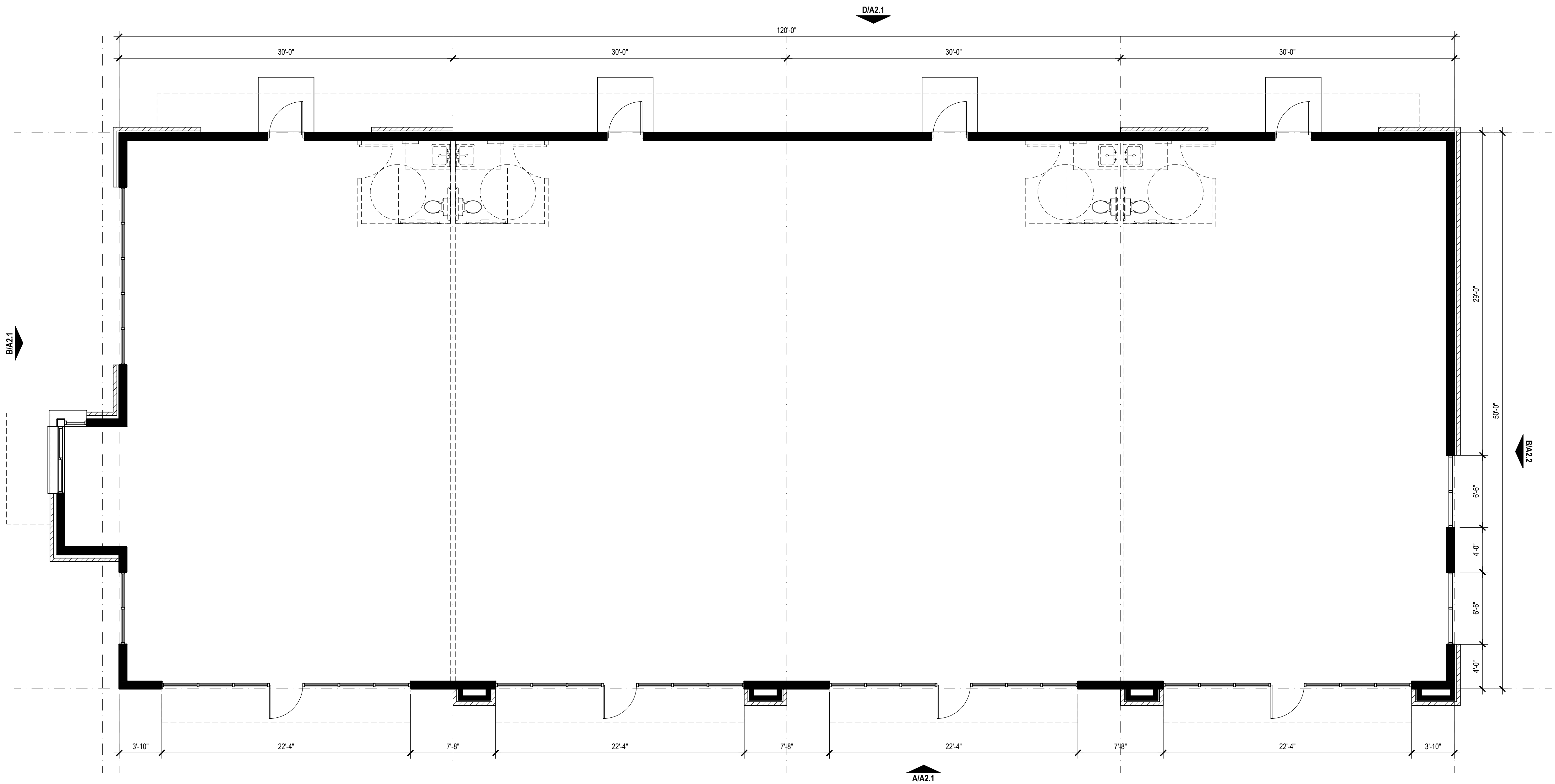
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Rolesville, NC (919) 980.0283
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SHEET TITLE - NUMBER

Cover Sheet

CR

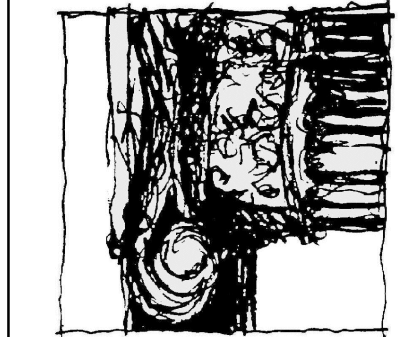


Floor Plan

A
3/16"

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SHEET TITLE - NUMBER

Floor Plan

A1.1

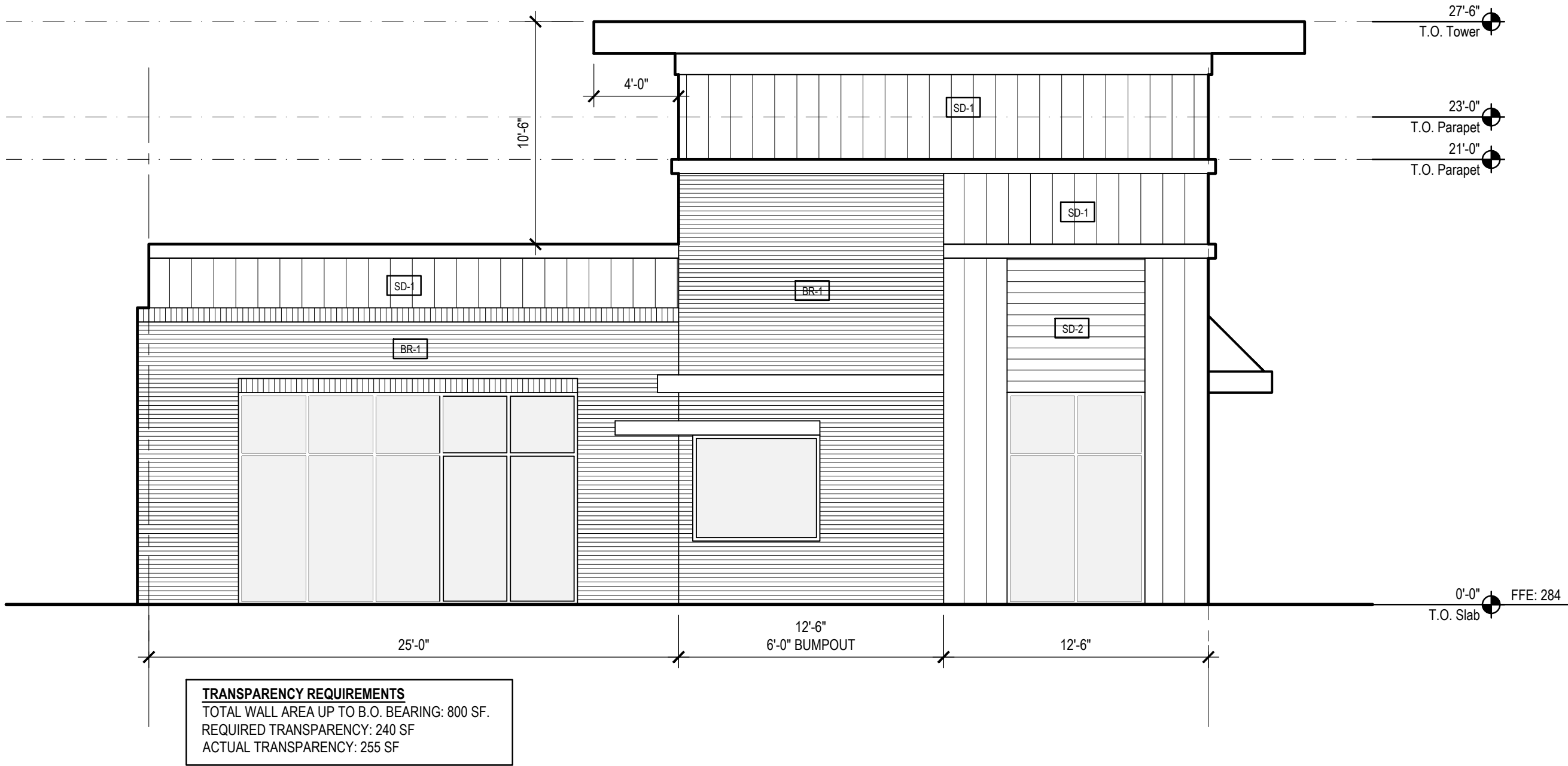
MITCHELL MILLS MARKET
Building E - 6000 SF
Rosesville, NC 27571

Site Submission

PROJECT NO: 24063
RELEASE: 05.01.26

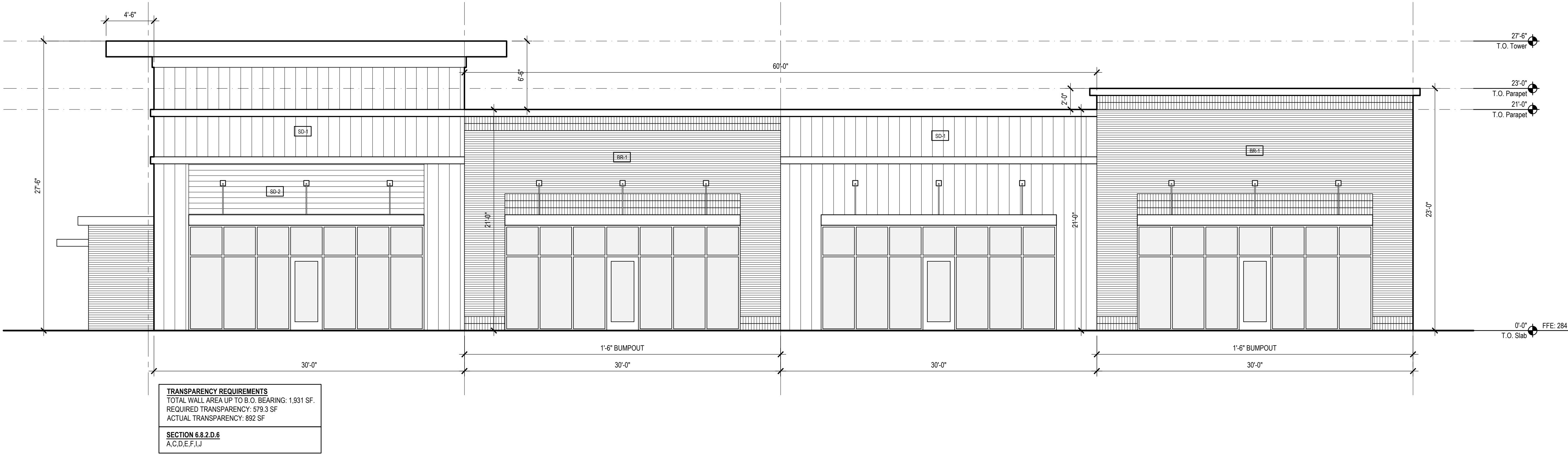
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Side Elevation (West Elevation)

B
3/16"



Front Elevation (South Elevation)

A
3/16"

PROJECT NO: 24063	RELEASE: 05.01.26	DATE
NO.	REV./SUB.	

Site Submission

MITCHELL MILLS MARKET
Building E - 6000 SF
Rolesville, NC 27571

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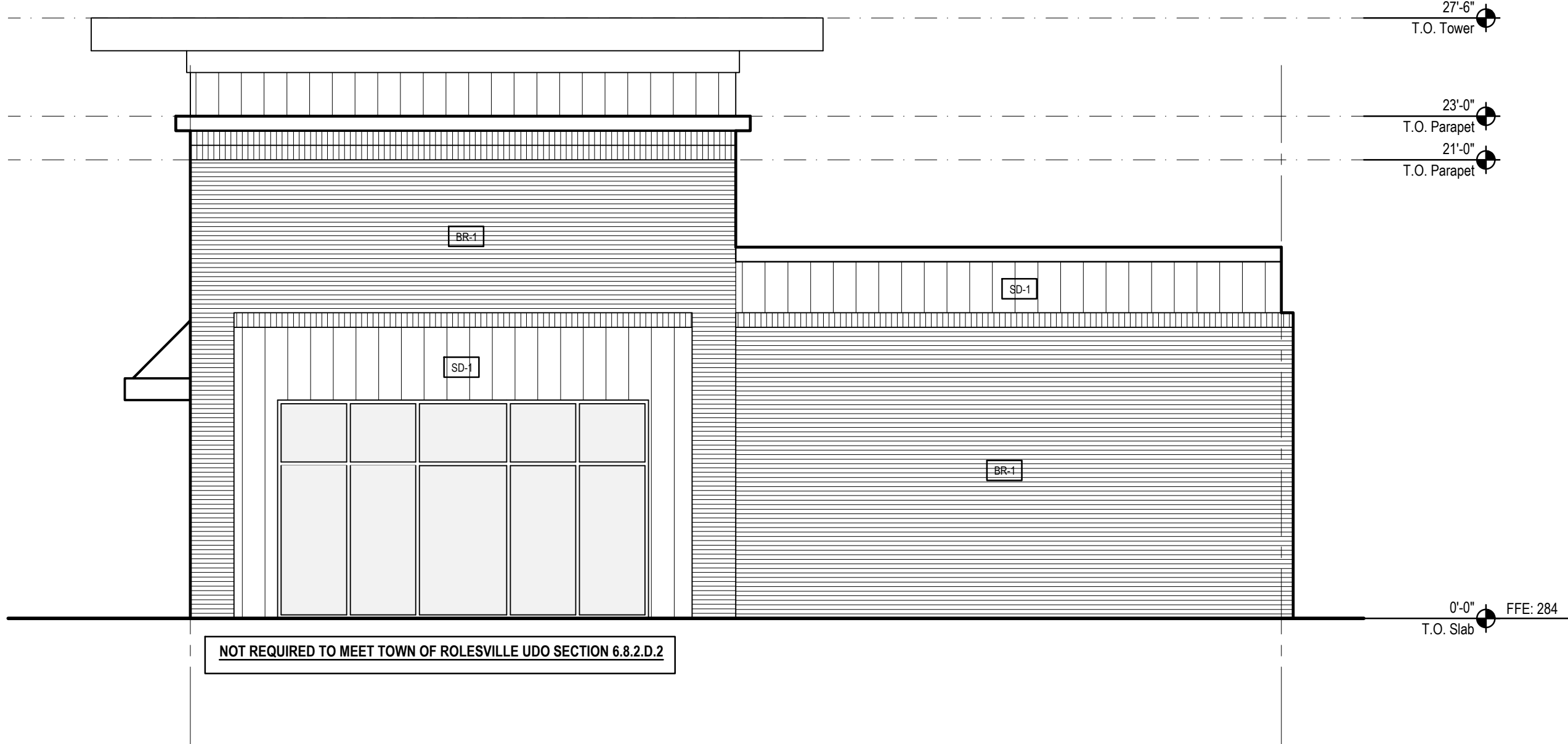


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Exterior Elevations

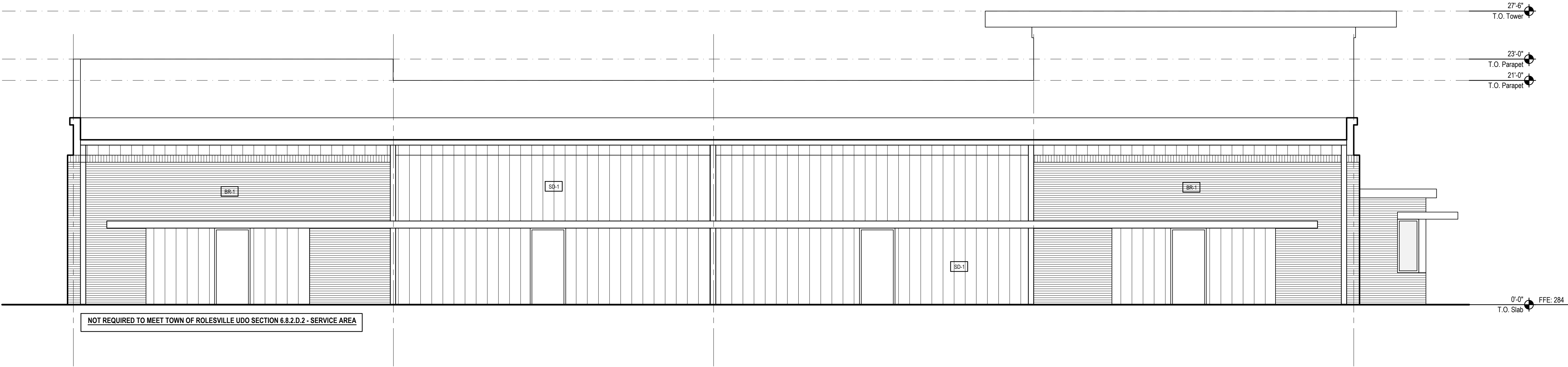
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Side Elevation (East Elevation)

B
3/16"



Rear Elevation (North Elevation)

A
3/16"

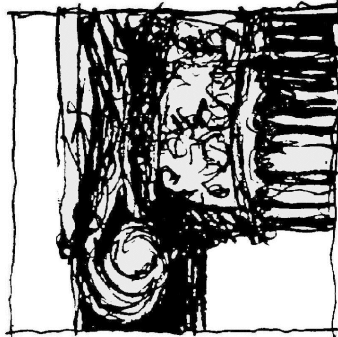
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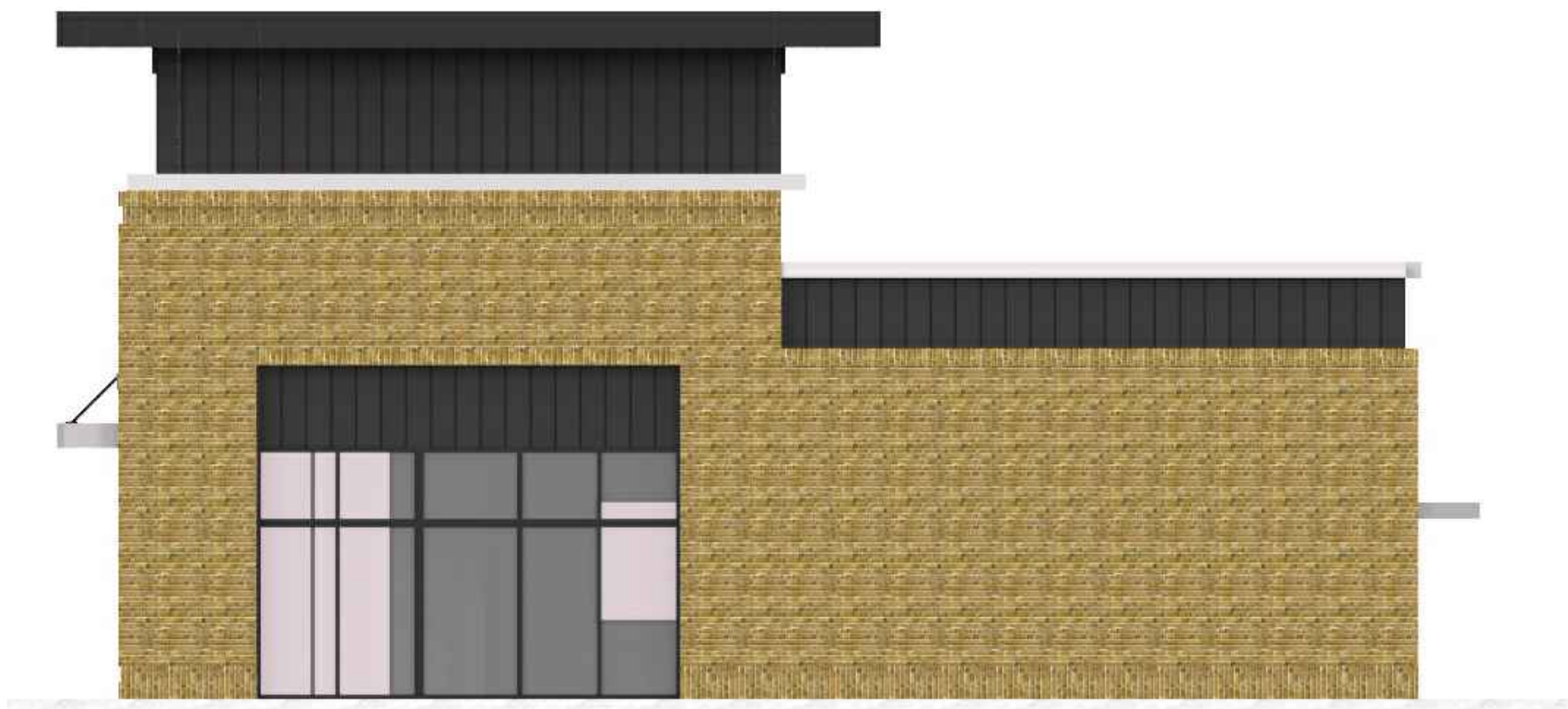
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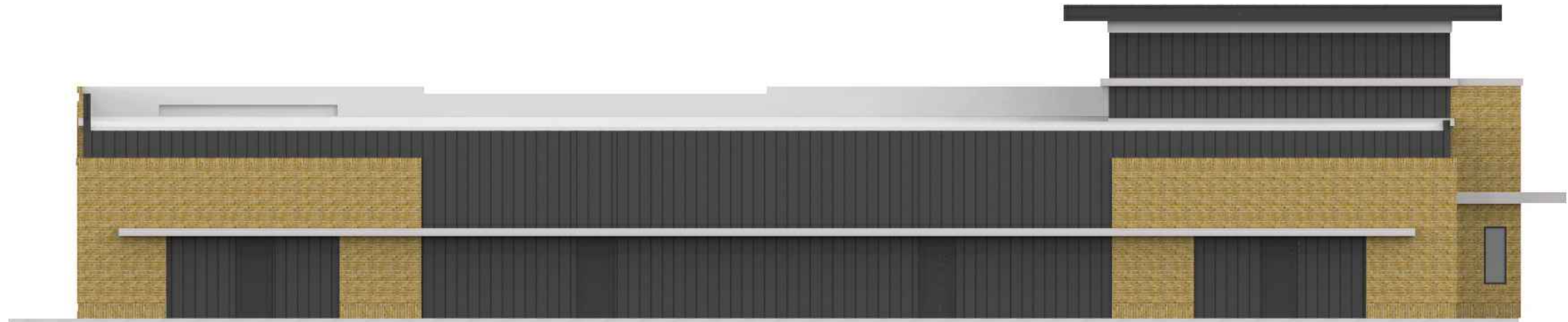
Exterior
Elevations

A22



Side Elevation (East Elevation)

D
NTS



Rear Elevation (north Elevation)

C
NTS



Side Elevation (West Elevation)

B
NTS



Front Elevation (South Elevation)

A
NTS

PROJECT NO: 24063

RELEASE: 05.01.26

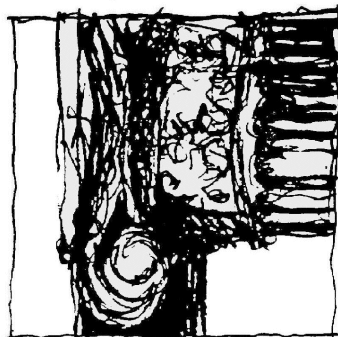
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MITCHELL MILLS MARKET
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Rolesville, NC 27571

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SHEET TITLE - NUMBER
Schematic
Exterior
Renderings

R1.1

MITCHELL MILL MARKET

SITE DEVELOPMENT PLANS

SDP-26-0002; MRCP-0031-2025
5109 MITCHELL MILL ROAD
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

SITE INFORMATION:

LOCATION: 5109 MITCHELL MILL ROAD
COUNTY: WAKE COUNTY
PARENT PIN: 1757571035
DB/PG: DB 8659, PG 954
ZONING: NC-CZ
ZONING AND ANNEXATION: MA-22-06 & ANX-22-03
PRELIMINARY SITE PLAN: PSP 23-03 APPROVED 12-09-2024
RIVER BASIN: NEUSE RIVER BASIN
WATERSHED: LOWER NEUSE RIVER

MINIMUM BUILDING SETBACKS, NC-CZ (PER LDO 3.4.3):

FRONT: 15'
SIDE: 10'
REAR: 10'



OVERALL & PERIMETER STANDARDS:
THOROUGHFARE BUFFER (JONESVILLE & MITCHELL MILL)

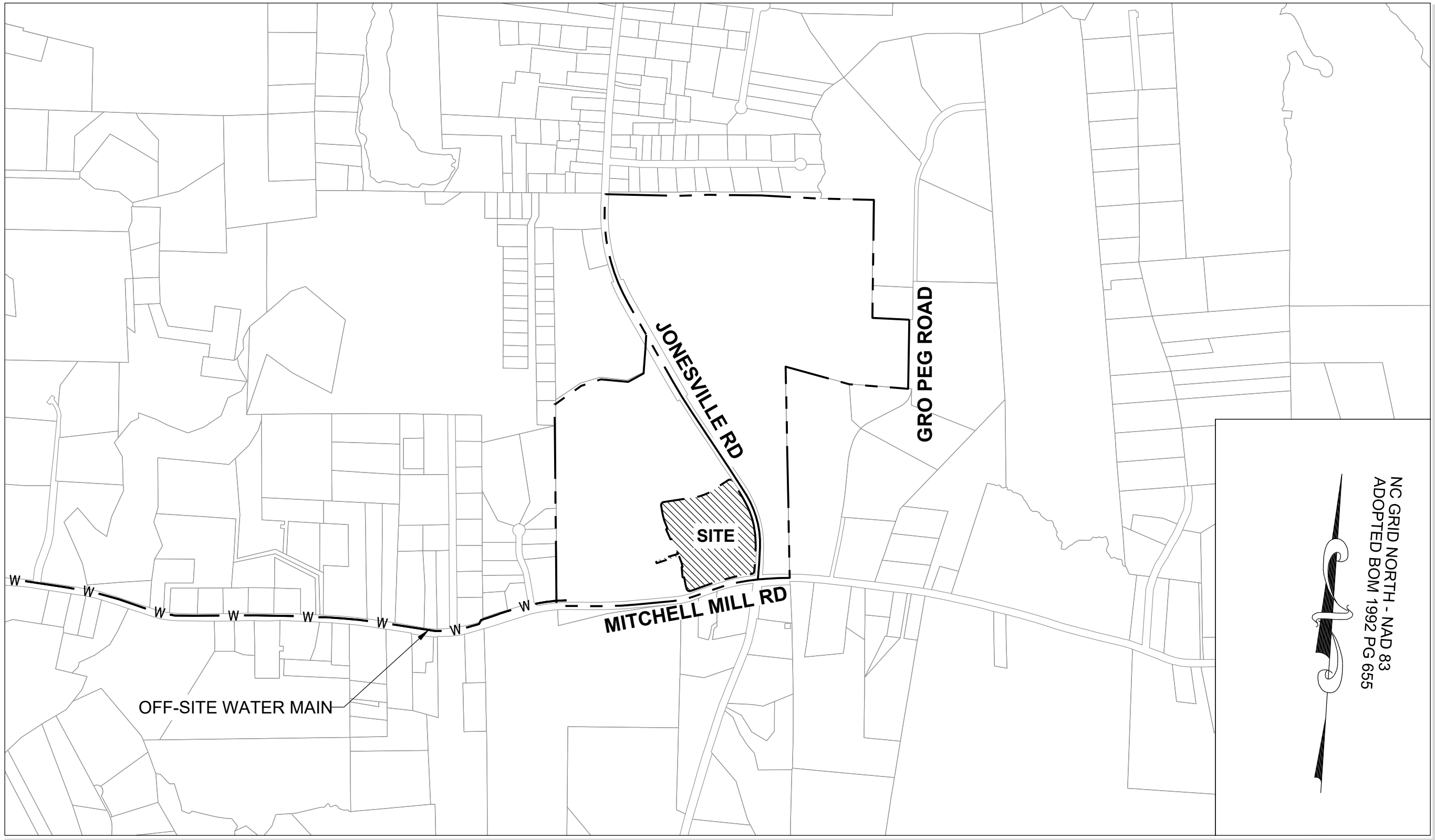
SITE AREA :
ALLOCATED NON-RESIDENTIAL ACREAGE (PER LDO SECTION 3.4.3.D.1) = 369,542 SF (8.48 AC)
GROSS SITE AREA = 426,432.25 SF (9.79 AC)
SCOPE OF WORK AREA = 467,899 SF (10.74 AC)

NON-RESIDENTIAL BUILDING AREA: 50,000 SF MINIMUM
(ZONING CONDITION 3)

IMPERVIOUS AREAS:

NC ZONING DISTRICT
BUILDINGS: 88,776 SF (2.04 AC)
ROADWAYS & SIDEWALKS: 229,646 SF (5.27 AC)
PATIO: 330 SF (0.01 AC)
CONCRETE SLAB: 650 SF (0.01 AC)
TOTAL ON-SITE IMPERVIOUS AREA: 319,401 SF (7.33 AC)
TOTAL ON-SITE IMPERVIOUS PERCENT: 68.27%

RALEIGH WATER INSPECTIONS QUANTITIES (SUBDIVISIONS AND SITE PLANS)	PHASE 1
PHASE NUMBER(S)	N/A
NUMBER OF LOT(S)	1
NUMBER OF UNITS	23
PUBLIC WATER (LF)	0
PUBLIC SEWER (LF)	71
PUBLIC FORCE MAIN (LF)	0
PRIVATE SEWER* (LF)	1,926
CORPUD GANG METER ASSEMBLY	3
SEWER SERVICE STUBS (QUANTITY)	0
AVERAGE DAILY FLOW PER PHASE (GPD)	51,040



VICINITY MAP

1" = 800'

FRIS MAP # 3720175700K
PANEL # 1757
EFFECTIVE DATE: 07/19/2022

OWNER:

HOPPER COMMUNITIES
CONTACT: BILL HARRELL
BHARRELL@HOPPERCOMMUNITIES.COM

SURVEYOR:

THE TIMMONS GROUP
5410 TRINITY ROAD, Suite 102 | RALEIGH, NC 27607
TEL 919.866.4951

ENVIRONMENTAL CONSULTANT:

SOIL & ENVIRONMENTAL CONSULTANTS
8412 FALLS OF NEUSE RD. SUITE 104
RALEIGH, NC 27615

CIVIL ENGINEER:

STRONGROCK ENGINEERING GROUP
305 CHURCH AT NORTH HILLS ST, SUITE 1110
RALEIGH, NC 27609
INFORMATION@STRONGROCKGROUP.COM

ARCHITECT:

LISLE ARCHITECTURE & DESIGN INC.
RALEIGH, NC 27613
ASHLEYH@LISLEARCHITECTURE.COM

STORMWATER CONSULTANT DESIGNER:

BARRETT L. KAYS, PH.D., NC LICENSED SOIL SCIENTIST NCLSS #1005
SENIOR SOIL, HYDROLOGIC, GROUNDWATER AND ENVIRONMENTAL SCIENTIST
BARRETTKAYS@GMAIL.COM
1200 CARLOS DRIVE, APT. 541 RALEIGH, NC 27609
PHONE: 919-696-6930

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.

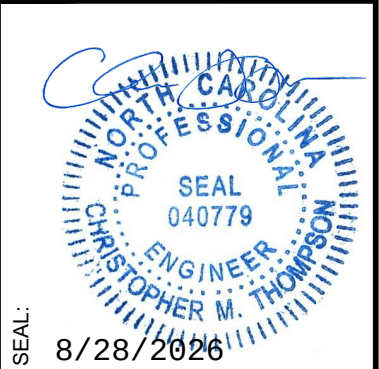
FAILURE TO CALL FOR INSPECTION, INSTALL A DOWNSTREAM PLUG, HAVE PERMITTED PLANS ON THE JOBSITE, OR ANY OTHER VIOLATION OF CITY OF RALEIGH STANDARDS WILL RESULT IN A FINE AND POSSIBLE EXCLUSION FROM FUTURE WORK IN THE CITY OF RALEIGH.

SHEET INDEX

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02	C-1.1	ZONING CONDITION
03	C-2.0	EXISTING CONDITIONS & DEMOLITION PLAN
04	C-3.0	SITE PLAN
05	C-3.1	BLOCK ADDRESS
06	C-4.0	SIGNAGE AND STRIPING PLAN
07	C-5.0	UTILITY PLAN
08	C-6.0	OVERALL GRADING & DRAINAGE PLAN
09	C-6.1	PARTIAL GRADING & DRAINAGE PLAN
10	C-6.2	PARTIAL GRADING & DRAINAGE PLAN
11	C-6.3	ADA RAMP GRADING PLAN
12	C-6.4	ADA RAMP GRADING PLAN
13	C-6.5	ADA RAMP GRADING PLAN
14	C-6.6	ADA RAMP GRADING PLAN
15	C-6.7	ADA RAMP GRADING PLAN
16	C-6.8	ADA RAMP GRADING PLAN
17	C-6.9	STORM DRAINAGE TABLES
18	C-7.0	EROSION CONTROL NOTE
19	C-7.1	EROSION CONTROL PLAN - STAGE 1
20	C-7.2	EROSION CONTROL PLAN - STAGE 2
21	C-7.3	EROSION CONTROL PLAN - STAGE 3
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23	C-8.1	ON-SITE SANITARY SEWER - PLAN & PROFILE
24	C-9.0	FIRE TRUCK TURNING PLAN
25	C-9.1	FIRE TRUCK TURNING PLAN
26	C-9.2	FIRE TRUCK TURNING PLAN
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29	L-2.1	LANDSCAPE DETAILS
30	L-2.2	LANDSCAPE DETAILS
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32	L-3.1	LIGHTING DETAILS
33	L-3.2	LIGHTING DETAILS
34	L-3.3	LIGHTING DETAILS
35	L-3.4	LIGHTING DETAILS
36	L-3.5	LIGHTING DETAILS
37	L-4.0	ENTRANCE MONUMENT PLAN
38	D-1.0	SITE DETAILS
39	D-1.1	SITE DETAILS
40	D-1.2	SITE DETAILS
41	D-1.3	SITE DETAILS
42	D-1.4	SITE DETAILS
43	D-2.0	SANITARY SEWER DETAILS
44	D-2.1	SANITARY SEWER DETAILS
45	D-3.0	WATER DETAILS
46	D-3.1	WATER DETAILS
47	D-4.0	STORM DRAINAGE DETAILS
48	D-4.1	STORM DRAINAGE DETAILS
49	D-4.2	STORM DRAINAGE DETAILS
50	D-4.3	STORM DRAINAGE DETAILS
51	D-4.4	STORM DRAINAGE DETAILS
52	D-4.5	STORM DRAINAGE DETAILS
53	D-5.0	EROSION CONTROL PLAN DETAILS
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56	D-5.3	EROSION CONTROL PLAN DETAILS
57	D-5.4	EROSION CONTROL PLAN DETAILS
58	D-5.5	EROSION CONTROL PLAN DETAILS
59	A-1.0	ARCHITECTURE PLANS



CD SUBMITTAL #1	DATE	REVISIONS	DATE	BY
0				
1	08/01/2025			
2	10/07/2025			
3	03/02/2026			
4	05/01/2026			
	08/28/2026			



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-23-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY SRG	DRAWN BY SRG	CHECKED BY SRG
----------------------------------	-------------------------	-------------------	--------------------	-----------------	-------------------

MITCHELL MILL MARKET
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
SITE DEVELOPMENT PLANS
COVER SHEET

DRAWING
SHEET
C-1.0
01 OF 59

Comments on #SDP-26-0002 - Planning & Zoning: Site Development Plan

Application Number: #SDP-26-0002
Application Type: Site Development Plan
Date: June 9, 2026
Address: 5109 Mitchell Mill, Rolesville, NC 27571



THIS DOCUMENT IS NOT YOUR PERMIT.

The Rolesville Planning Department has reviewed your application for a Site Development Plan Application and has responded with a set of comments that require your attention. These comments must be addressed in full before an approval will be issued.

Reviewing this document on GovWell, our online portal, will allow you to view interactive markups on the document. If you are viewing this as a PDF or offline, a list of all comments will be provided below in this cover sheet. These comments must be acknowledged before a permit is issued.

After you have addressed all comments, please upload corrected versions of the plans by clicking [here](#) or by visiting <https://app.govwell.com/record/566dd923-4dfa-4fd5-a1fd-a171a186ecc9>.

Contacts

Austin Bain
City of Raleigh Engineer

(919) 996-3468
austin.bain@raleighnc.gov

Updates Requested

Eddie Henderson
Parks & Recreation

ehenderson@rolesvillenc.gov

Approved

Elizabeth Powell
Wake County Watershed Mgmt

elizabeth.powell@wake.gov

Updates Requested

Jacob Butler
Interim Fire Chief

jbutler@rolesvillenc.gov

No Comment

Jacqueline Thompson
On-Call Civil Engineer

jacqueline.thompson@bolton-menk.com

Updates Requested

Lorna Withrow Wake County Watershed Mgmt	lorna.withrow@wake.gov	Repeat Comment(s)
Meredith Gruber Senior Planner	mgruber@rolesvillenc.gov	Repeat Comment(s)
Michele Raby Planner II	mraby@rolesvillenc.gov	Updates Requested
Scott Miles Town Engineer PE	smiles@rolesvillenc.gov	Approved
Stephen Wolf Wake County Deputy Fire Marshal	stephen.wolf@wake.gov	Approved
Tim Beasley City of Raleigh - Public Utilities	timothy.beasley@raleighnc.gov	Updates Requested
Michael Elabarger Assistant Planning Director	melabarger@rolesvillenc.gov	Repeat Comment(s)
Wyat Hamilton NCDOT	wrhamilton@ncdot.gov	Approved

Comments on Plan

Reviewer feedback tied to specific locations on the plan. The number on each comment corresponds to a matching number marked on the plan page. Each comment must be resolved in GovWell.

1 WH Wyat Hamilton NCDOT NCDOT has no comments at this time. V4-SDP-26-0002 Mitchell Mill Market.pdf · Page 1 · June 8, 2026, 3:16pm This is acknowledged, thank you.
2 EP Elizabeth Powell Wake County Watershed Mgmt Second disapproval of erosion control plans (SEC-158602-2025/SWF-158844-2025) sent out 5/5/26. V4-SDP-26-0002 Mitchell Mill Market.pdf · Page 1 · May 27, 2026, 10:37am Wake County Approval received 6/9/2026 and is included with upload.
3 AB City of Raleigh Engineer COR is still waiting for this to be resubmitted to Energov. V4-SDP-26-0002 Mitchell Mill Market.pdf · Page 1 · June 4, 2026, 11:49am With this submittal, we have also uploaded to Energov portal.
4 MR Planner II Please change UDO to LDO on site information block to site Section 3.4.3. NC zoning district. V4-SDP-26-0002 Mitchell Mill Market.pdf · Page 1 · May 27, 2026, 2:15pm UDO has been revised to say LDO, see Sheet C1.0

5



Michele Raby
Planner II

Friendly reminder to obtain a demo and well abandonment permit if applicable for existing 1 story.

This is acknowledged, thank you

6



Michele Raby
Planner II

Retaining walls require separate building permits unless on one parcel, then a retaining wall identification sheet is required.

See note #3 on sheet C-3.0. And Sheet C-3.1 for addresses.

7



Michele Raby
Planner II

Please read Section 5.1.4.P. pg. 36 and 6.2.4.6 pg. 42 for information on dumpsters. Thank you for adding the general note regarding permitting.

V4-SDP-26-0002 Mitchell Mill Market.pdf - Page 4 • May 27, 2026, 2:37pm

Acknowledged. Dumpster requirements have been addressed as follows: The dumpster is located outside the front/street yard as shown on Sheet C-3.0. The dumpster is screened from adjacent streets and properties; refer to Sheet L-1.0. The dumpster is provided with a fully enclosed, opaque enclosure with a height at least equal to the highest point of the dumpster/compactor; refer to Note 10 on Sheet C-3.0. A dedicated concrete pad is provided as shown on Sheet C-3.0. Dumpster permitting is addressed in Note 10 on Sheet C-3.0.

V4-SDP-26-0002 Mitchell Mill Market.pdf - Page 4 • May 27, 2026, 2:51pm

Entrance monuments and sign easements are now included on the plans where applicable, see Sheet C4.0

9



Jacqueline Thompson
On-Call Civil Engineer

It appears there are still some corners that appear to be low points without water being able to drain out or be captured. Please review the site as a whole to ensure the drainage is per the desired design.

V4-SDP-26-0002 Mitchell Mill Market.pdf - Page 8 • June 3, 2026, 9:57am

The site has been re-graded to address all drainage issues, please see Sheet C6.0 - C6.8

10



Jacqueline Thompson
On-Call Civil Engineer

Thank you for adding these details. For all ramps, ensure there is a landing (less than 2% in ALL directions) being provided.

V4-SDP-26-0002 Mitchell Mill Market.pdf - Page 10 • June 3, 2026, 10:01am

All ramps are ensured to provide a 5' x 5' landing of 2% or less, see Sheets C6.3 - C6.8

11



Jacqueline Thompson
On-Call Civil Engineer

If possible to decrease this at all, it is highly recommended as construction in the field always has variability to the design.

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This slope has been adjusted to allow for some margin of error in the field

12



Jacqueline Thompson
On-Call Civil Engineer

This viewport is extremely helpful!

V4-SDP-26-0002 Mitchell Mill Market.pdf - Page 14 • June 3, 2026, 10:02am

Thank you!

13



Stephen Wolf
Wake County Deputy Fire Marshal

** Previous site plan development comments addressed. When building plans are submitted, additional fire code requirements may apply.

This is acknowledged, thank you

14



Michele Raby
Planner II

Please add the quantity of light posts.

The number of proposed light poles have been added to Sheet L3.0

15



Michele Raby
Planner II

Please review Section 6.1 Signs, and mark sign easements. Friendly reminder signs require separate permits.

~~V4 SDP-26-0002 Mitchell Mill Market.pdf - Page 30 • May 27, 2026 2:45pm~~

This is acknowledged, thank you. Sign permits will be acquired by the contractor prior to construction

Mitchell Mill – Commercial

Response to Comments from 08/20/2026

1. SEVERAL LABELS SHOW THE EOP BEING HIGHER THAN BOC - PLEASE REVIEW LABELS AND ELEVATIONS AND CLARIFY THE INTENT. IF THERE ARE CURB CUTS FOR DRAINAGE, PLEASE CLARIFY AND PROVIDE A DETAIL FOR WHAT THE CURB STYLE IS. THERE APPEARS TO ONLY BE STANDARD CURB IDENTIFIED IN THE DETAILS. NOT ALL LOCATIONS HAVE BEEN IDENTIFIED ON THE MARKUPS SO PLEASE ENSURE ALL DRAINAGE AND LABELS ARE REVIEWED.

SREG Response: All curb cuts have been reviewed, and the grading has been updated to ensure positive drainage. A curb cut detail has been included on sheet D-4.5

2. WATER BEING TRAPPED - PLEASE CONFIRM IF CURB CUT BEING PROVIDED? TOP OF YI#09 IS HIGHER THAN PAVEMENT SO DRAINAGE IS NOT OCCURRING.

SREG Response: The corners of the parking spaces have been regraded to allow water to drain into the curb cuts. Where this was not possible, curb cuts were added to allow water to drain into the island swale.

3. YI #07 is missing

SREG Response: YI #07 has been added into the storm structure table on sheet C6.9