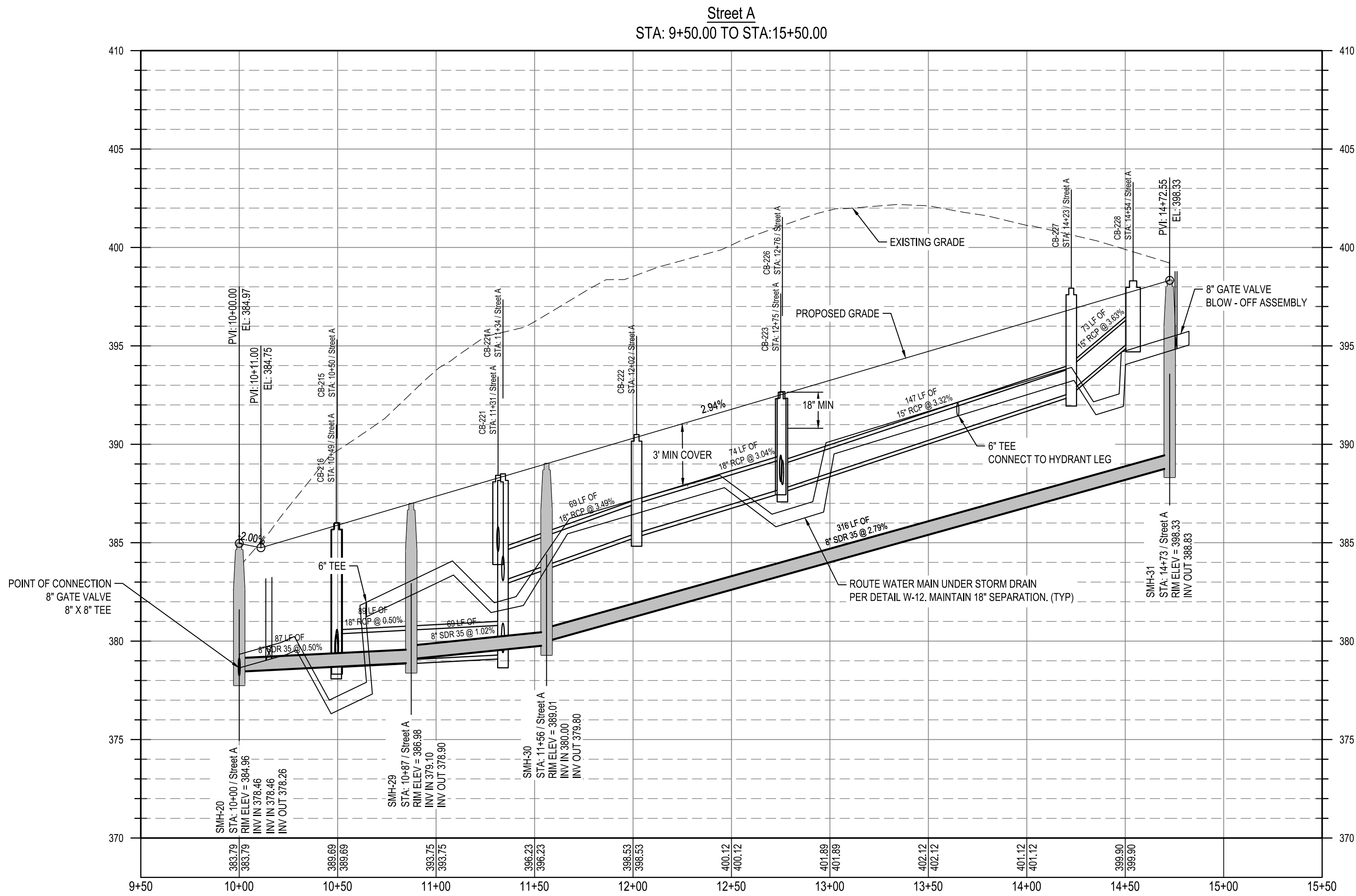
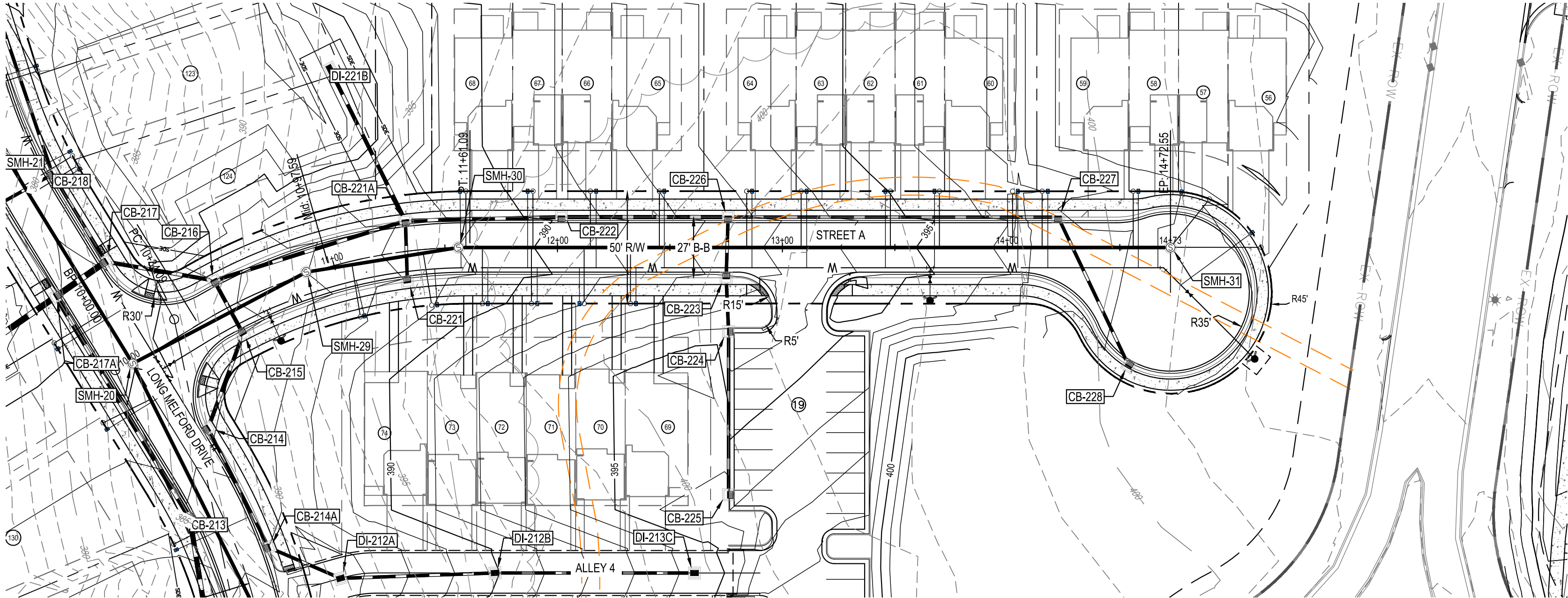
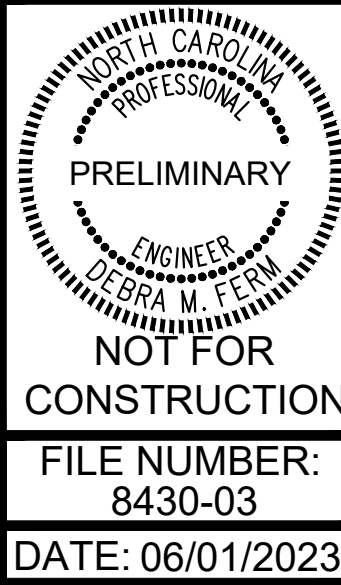




CID-23-06 - V1 -
Part 3 of 3 of plan
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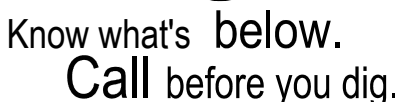
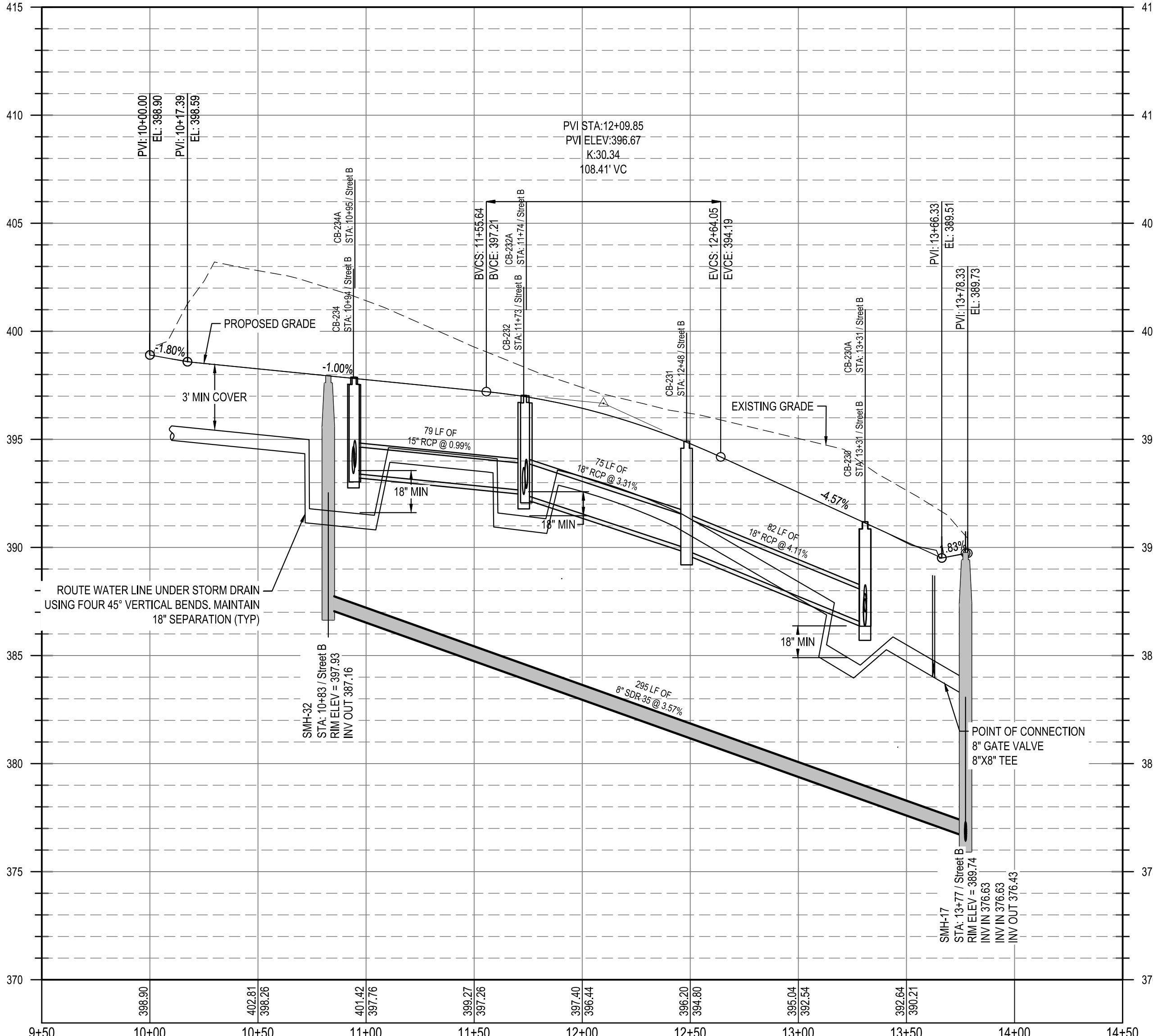
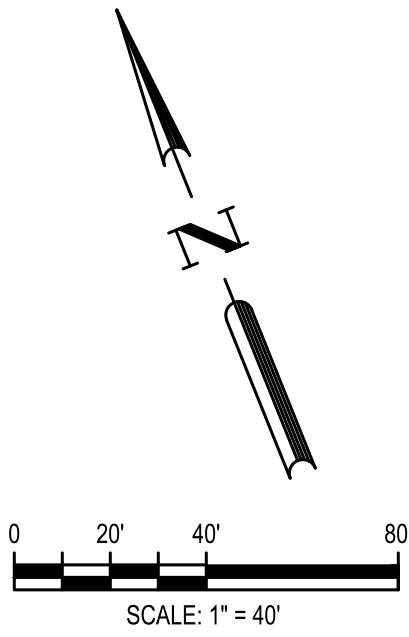
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CORPORAION
1100 PERIMETER PARK DRIVE, SUITE 112
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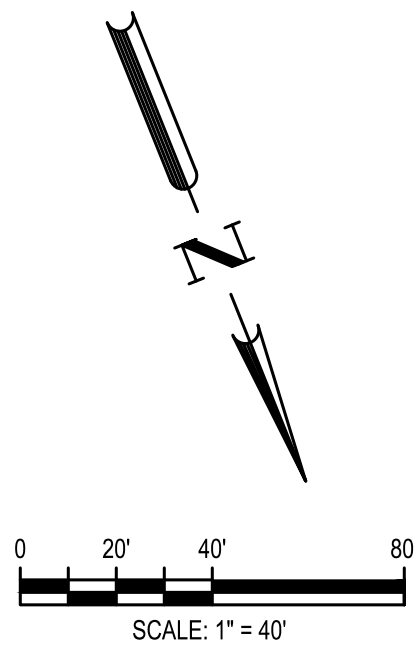
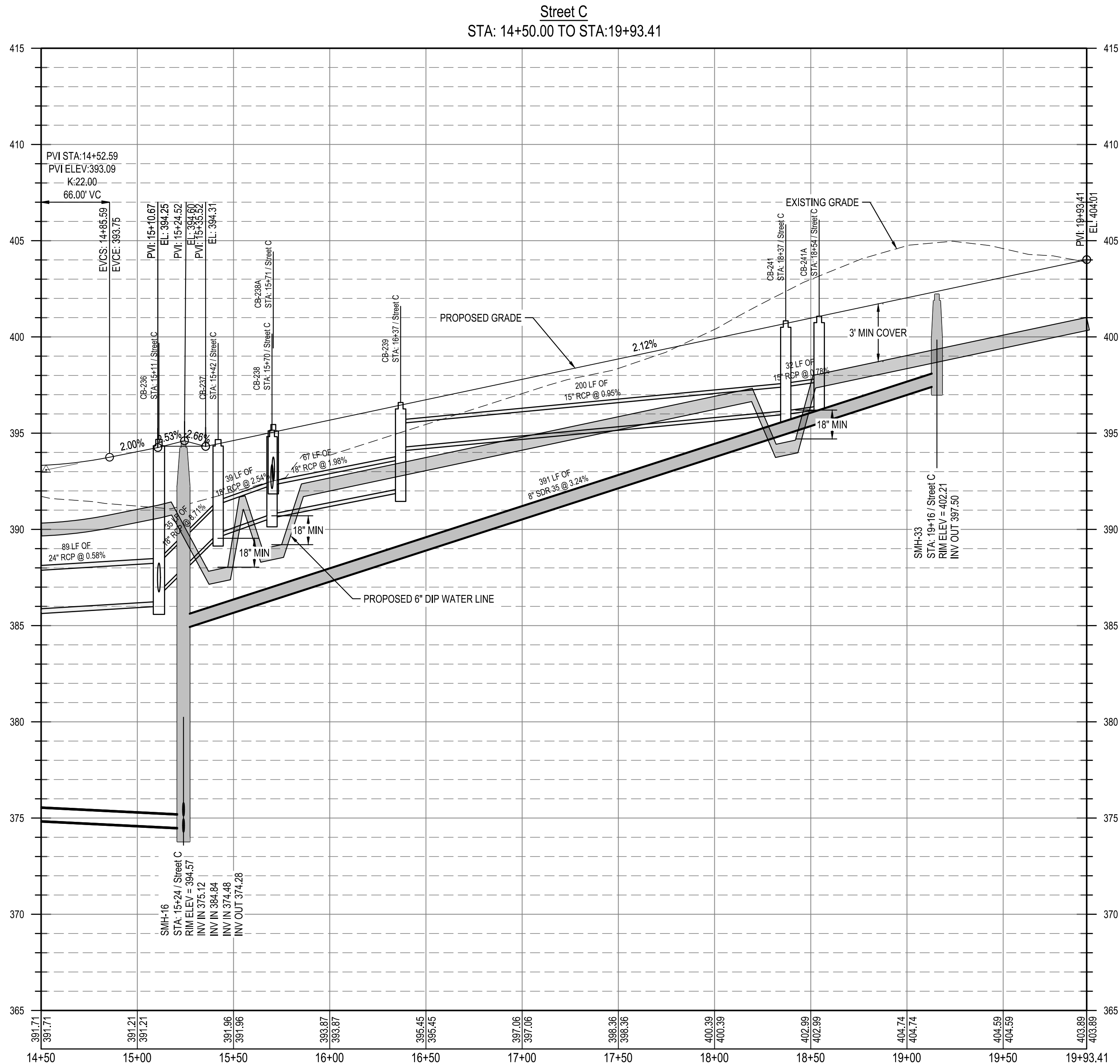
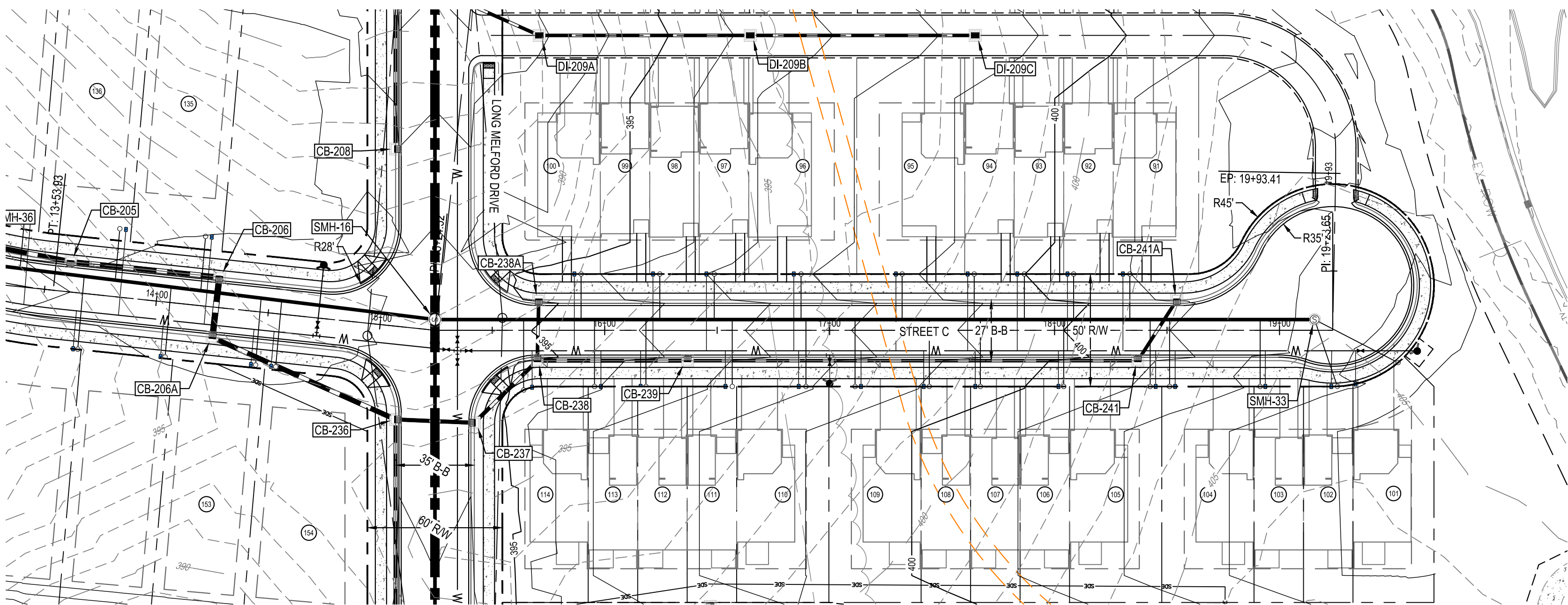
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DESIGNED BY: DF/CD
DRAWN BY: DF/JWM
REVIEWED BY: DF

REV	DATE	DESCRIPTION
06/01/2023	06/01/2023	PER TOWN OF ROLESVILLE COMMENT
04/03/2023	04/03/2023	INITIAL SUBMITTAL



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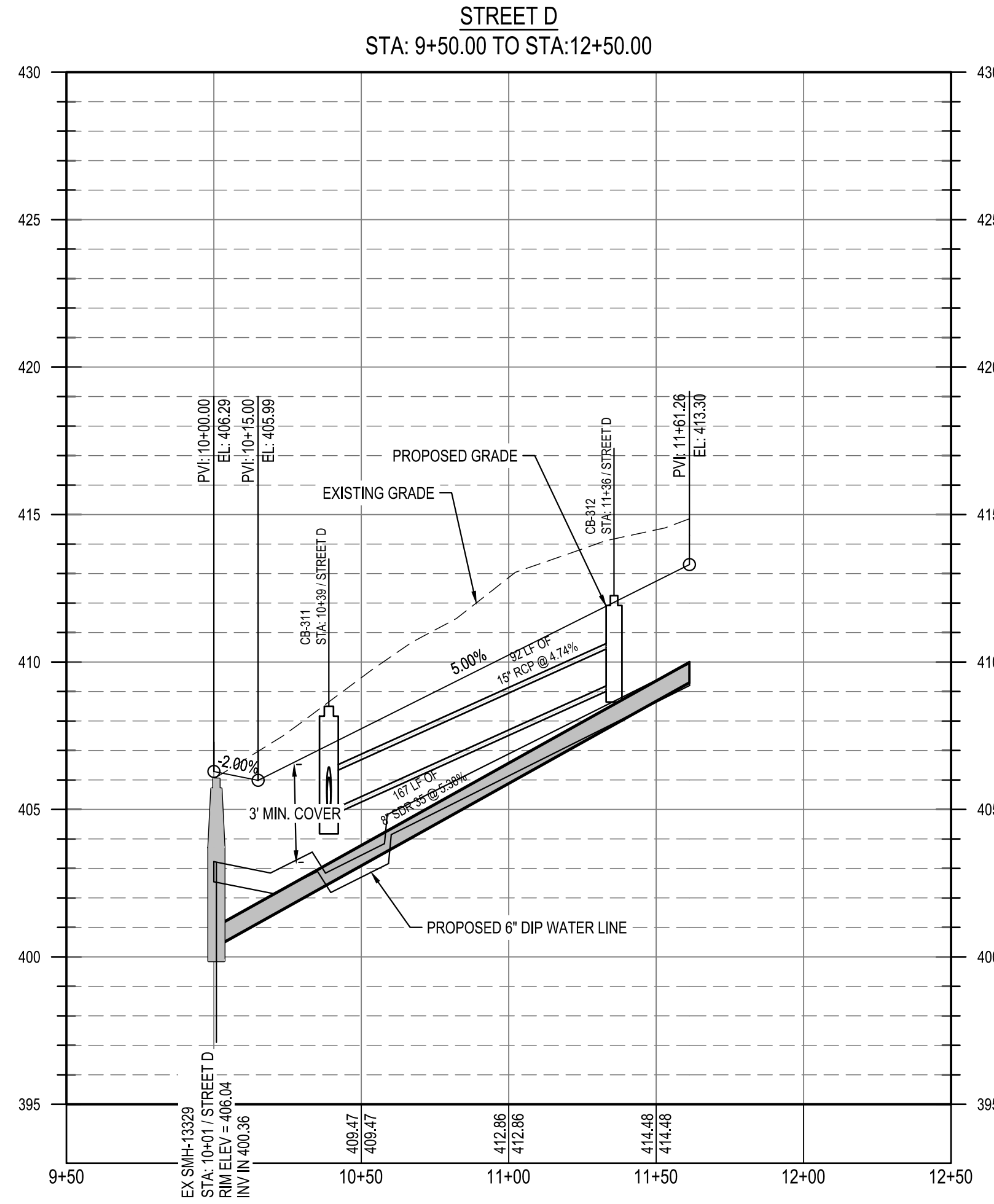
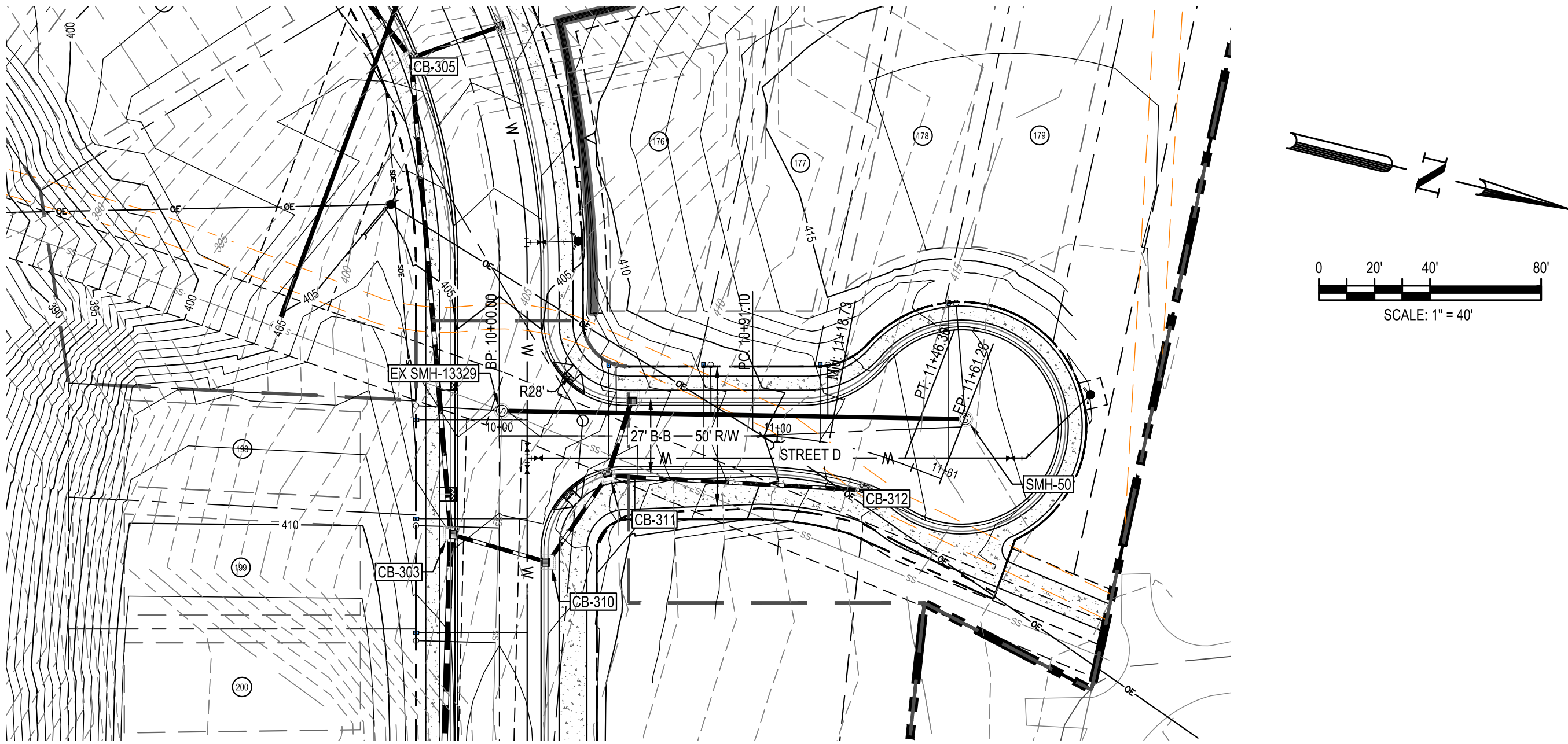
C6-3

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82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

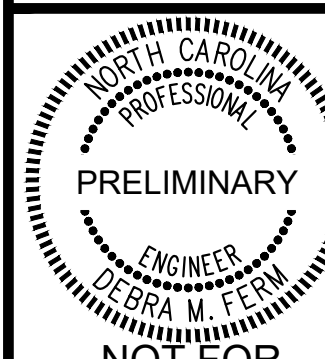
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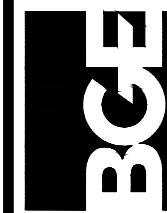
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REV	04/03/2023	INITIAL SUBMITTAL

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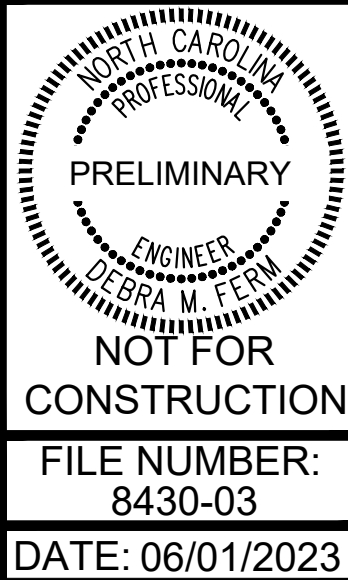
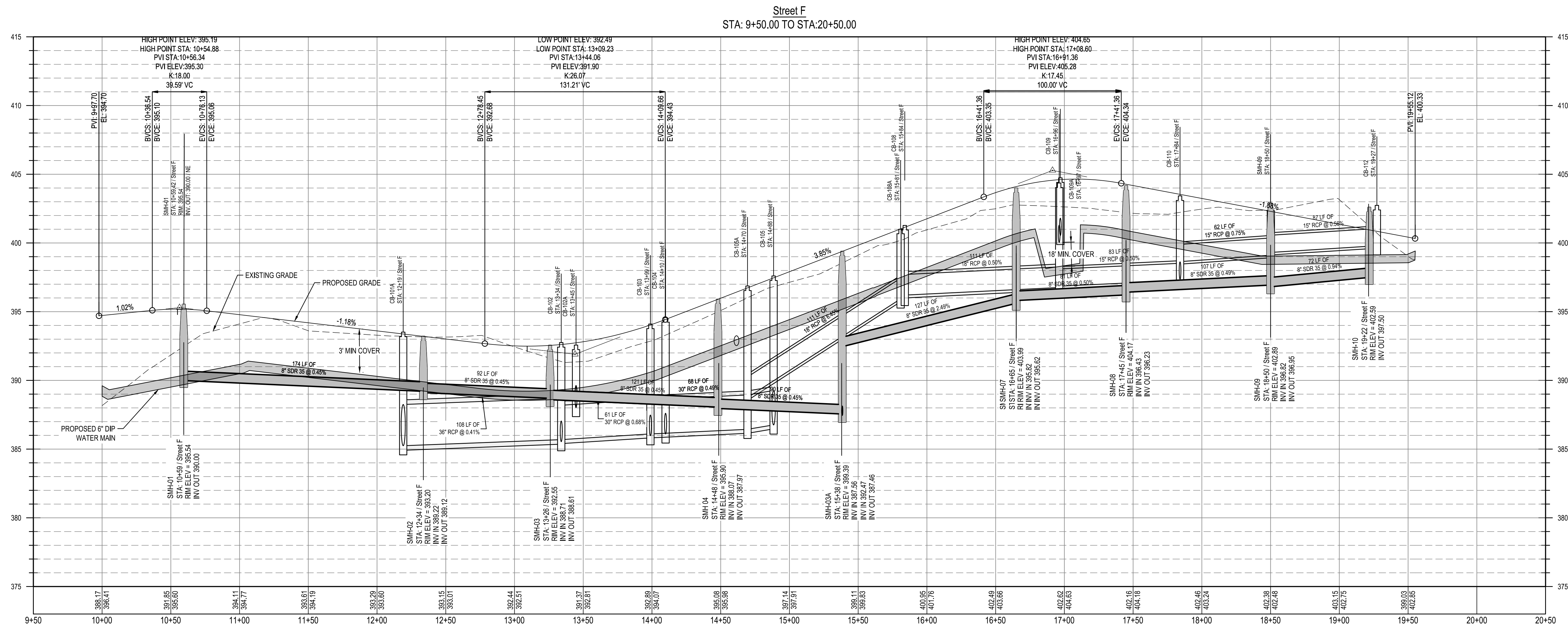
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DATE: 06/01/2023

STREET F PLAN AND
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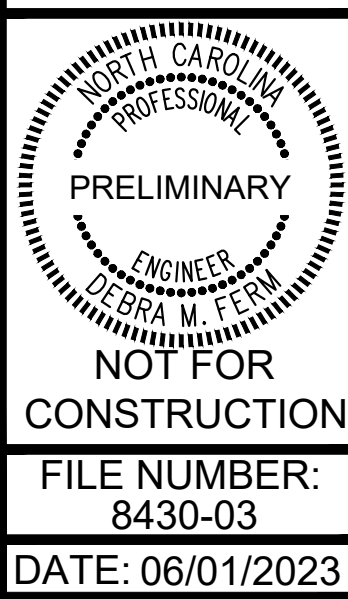
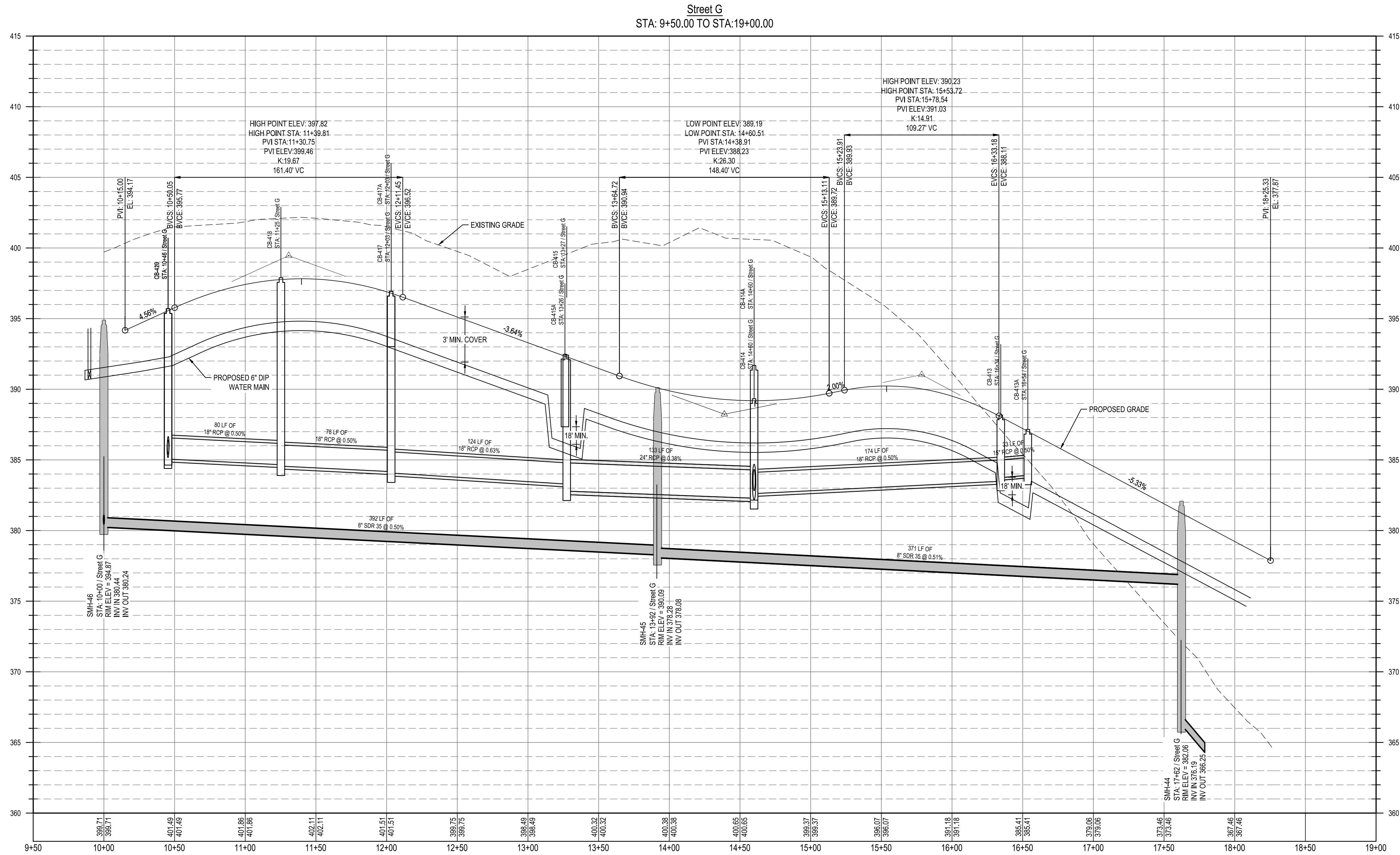
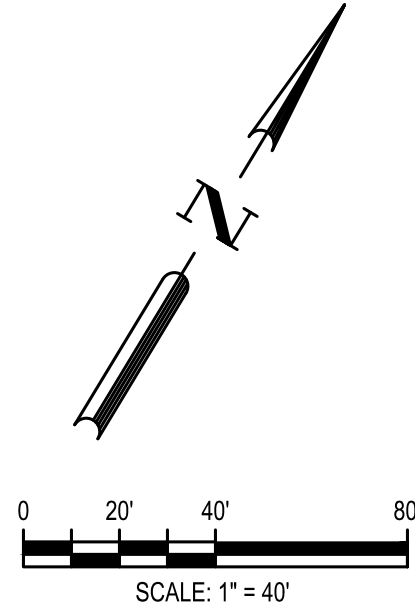
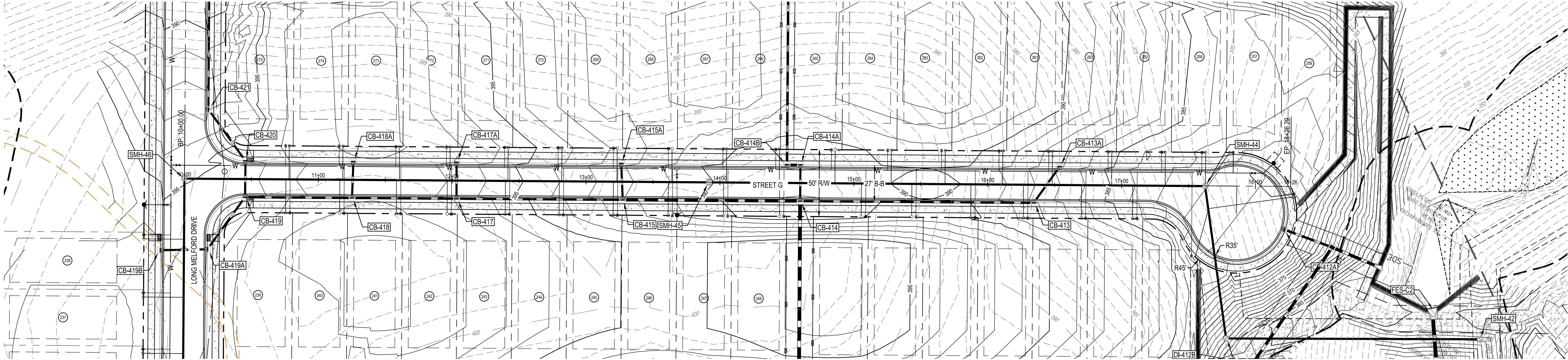


DESIGNED BY: DF/CD
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REVIEWED BY: DF

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FILE NUMBER:
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C6-7

STREET G PLAN AND
PROFILE

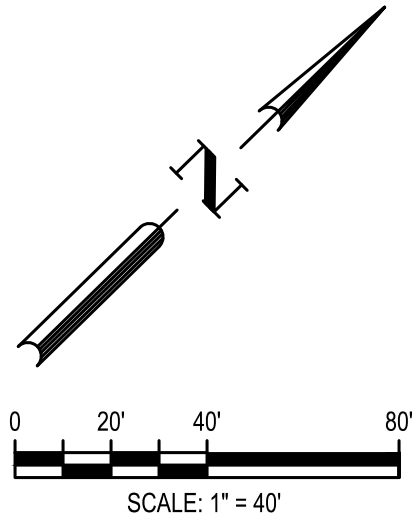
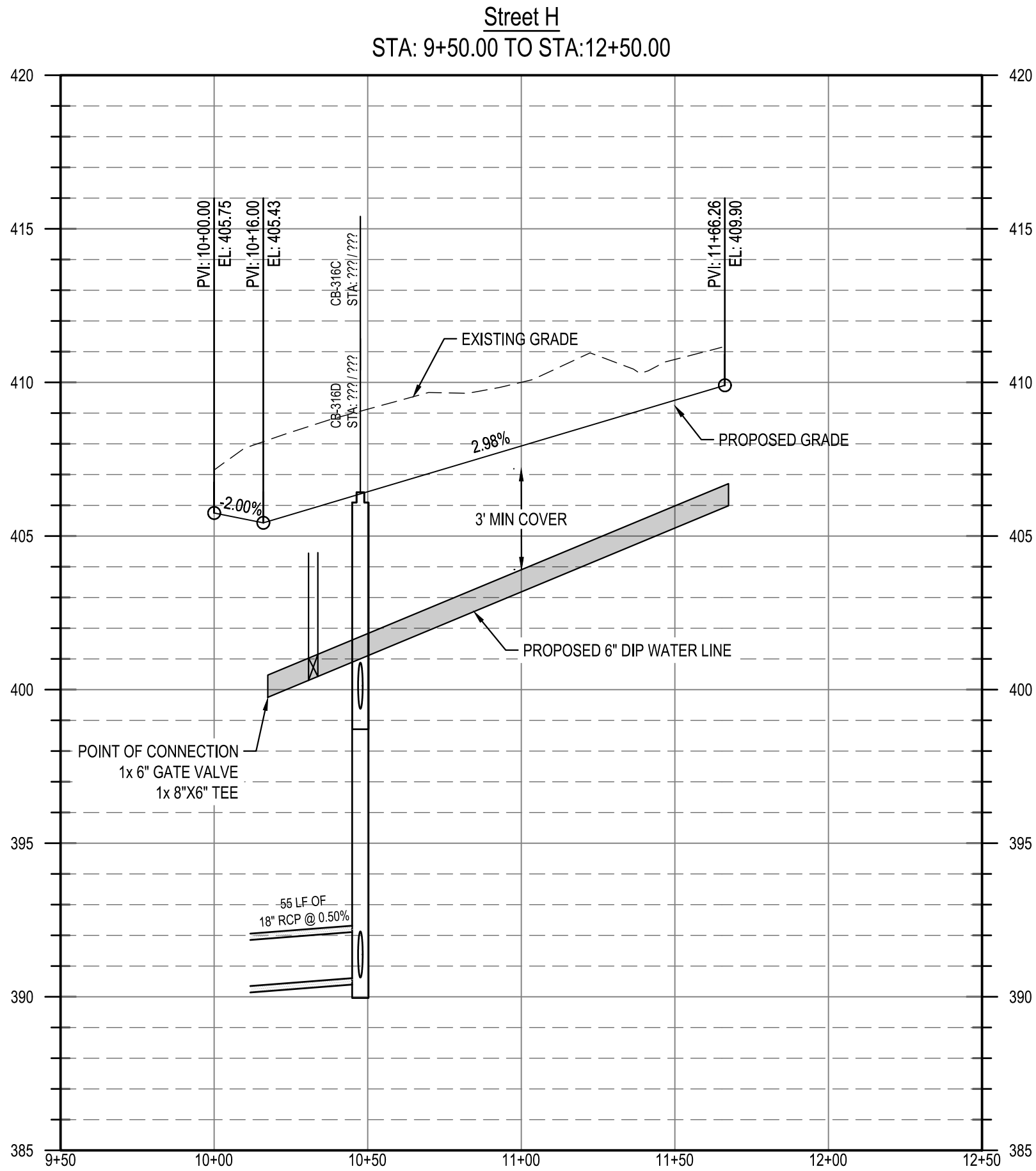
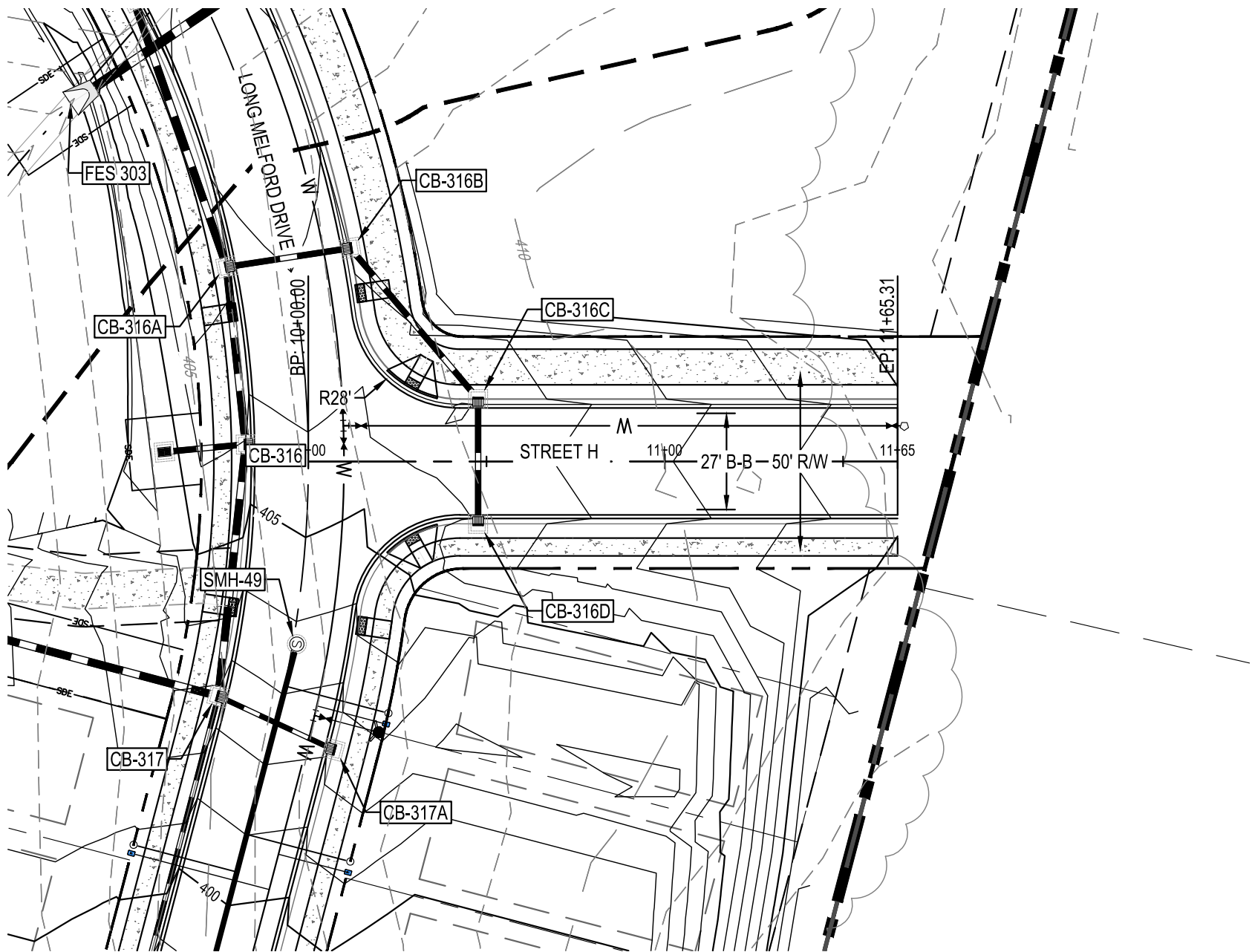
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1100 PERIMETER PARK DRIVE, SUITE 112
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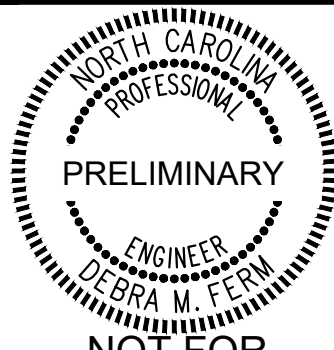
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DESIGNED BY: DF/CD
DRAWN BY: DF/JWM
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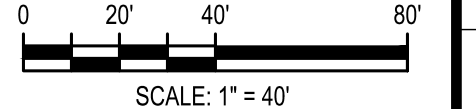
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06/01/2023 PER TOWN OF ROLESVILLE COMMENT



LONG MELFORD DRIVE
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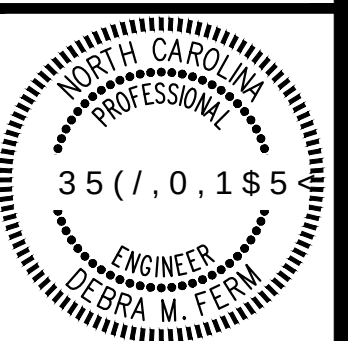


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REVIEWED BY:	')

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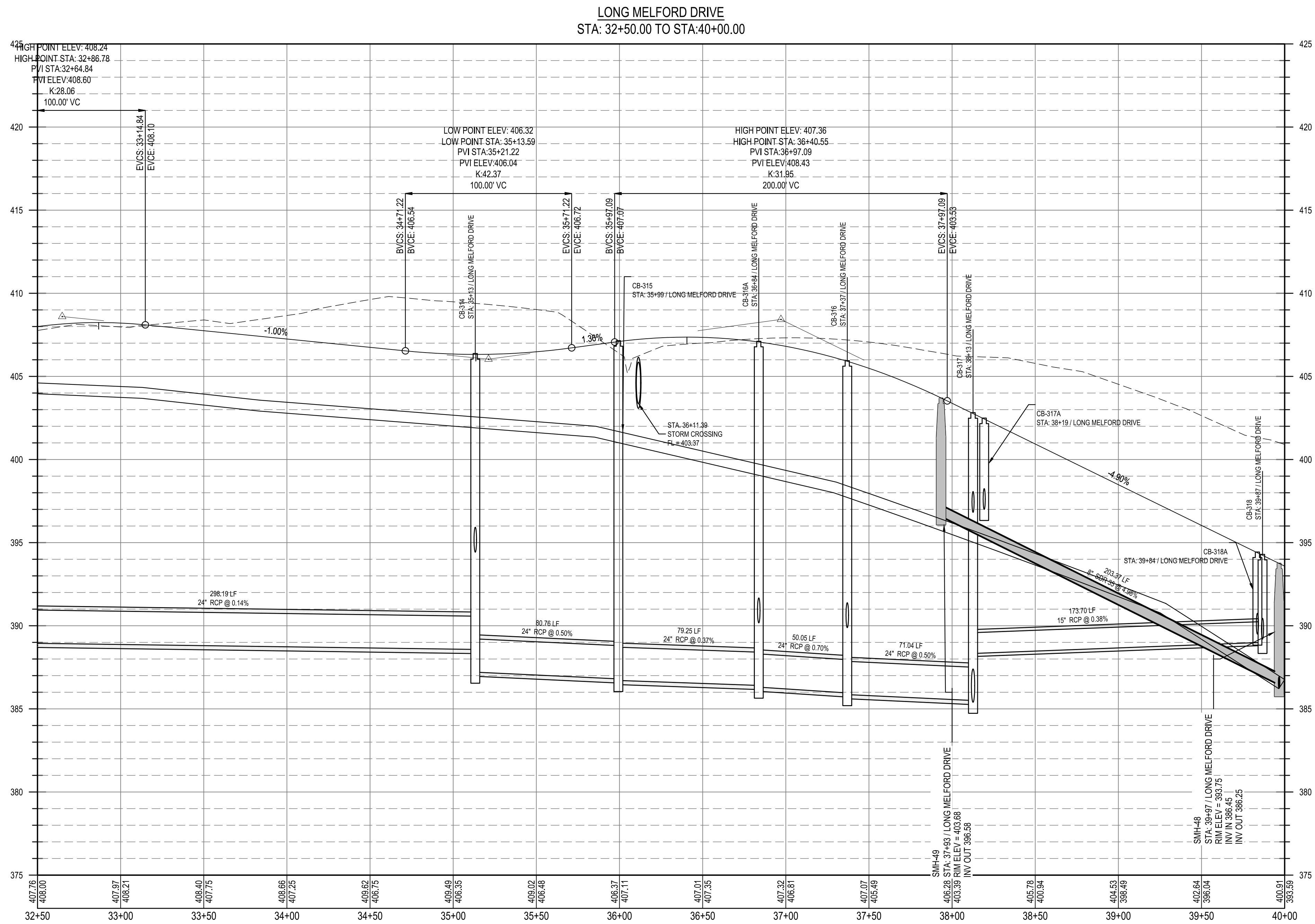
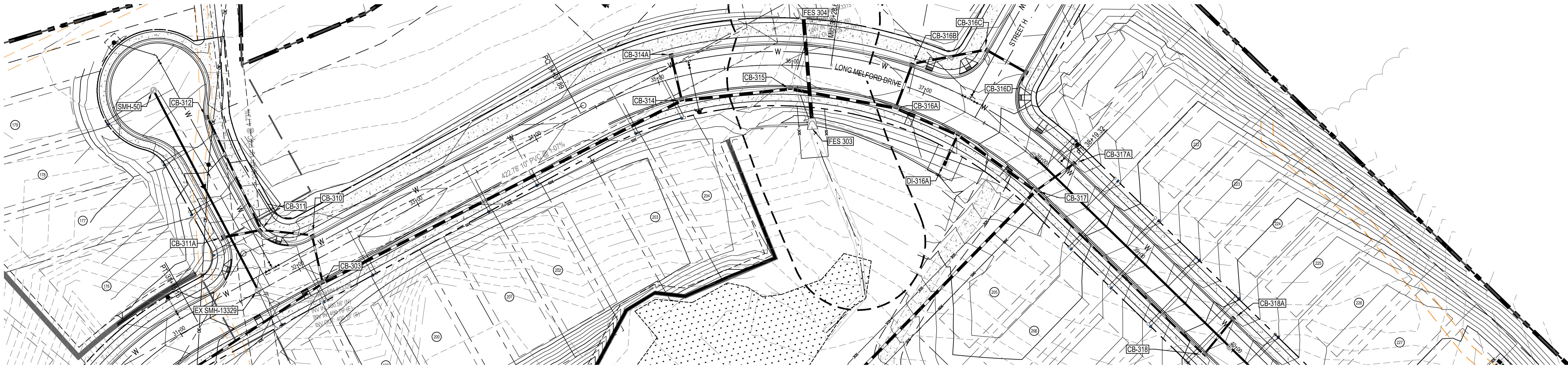
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**LONG MELFORD DRIVE PLAN
AND PROFILE (4 OF 5)**

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82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

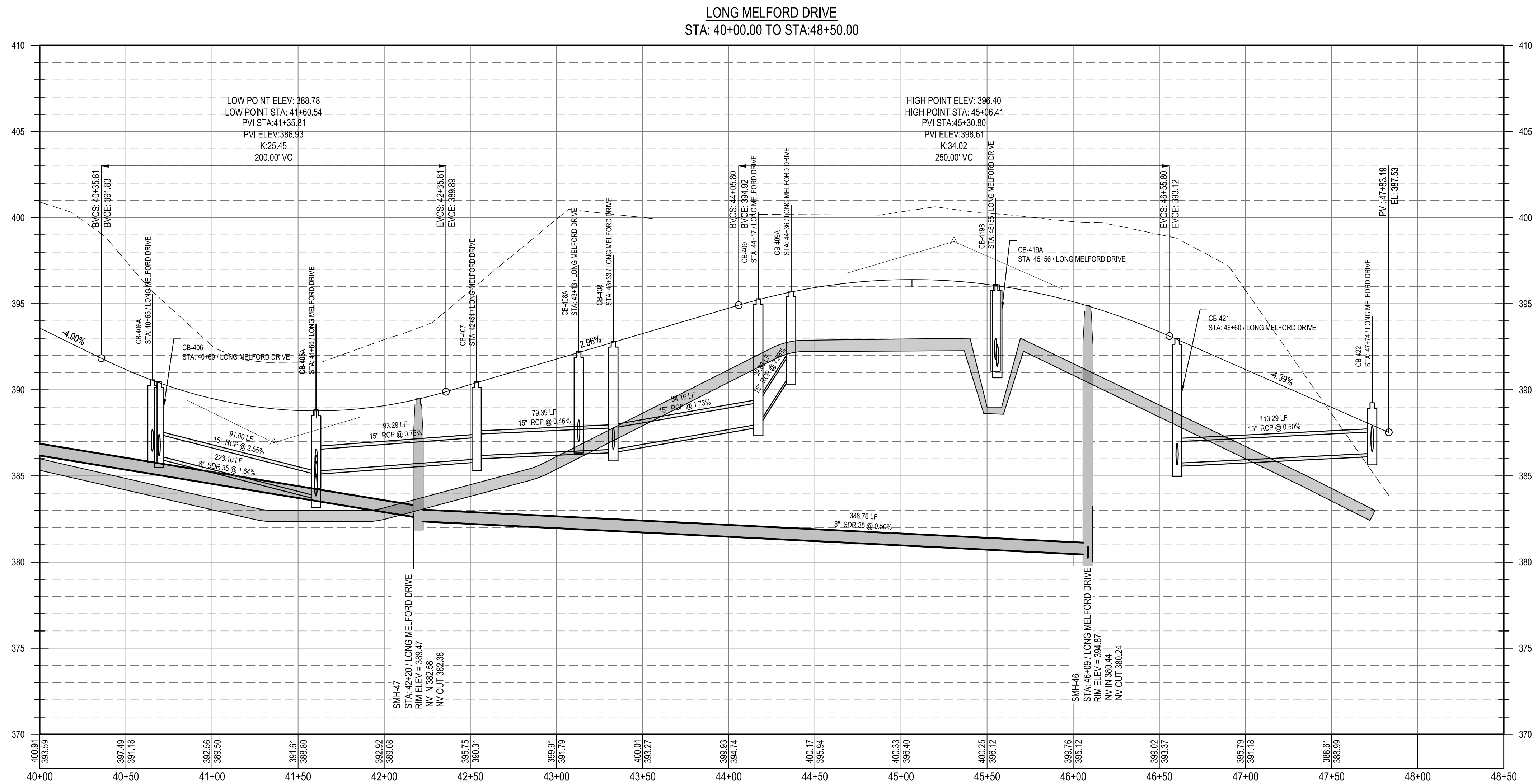
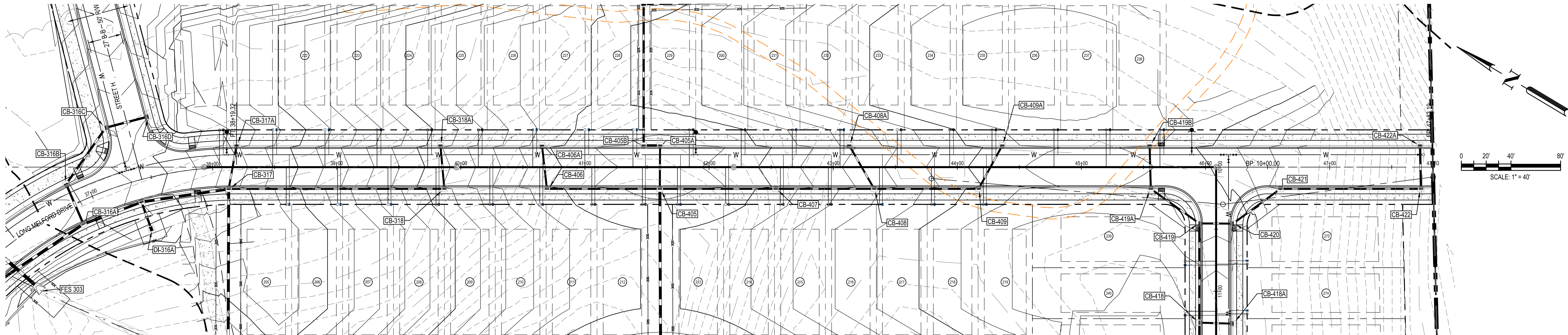
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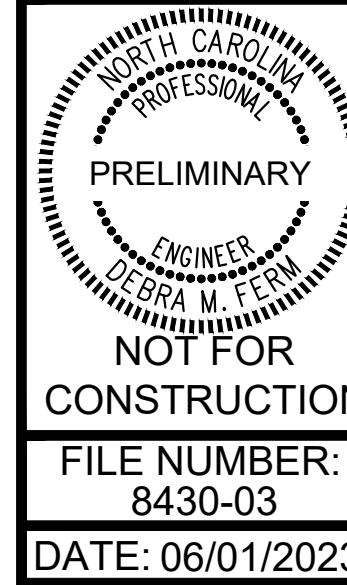
DESIGNED BY: DF/CD
DRAWN BY: DF/JWM
REVIEWED BY: DF

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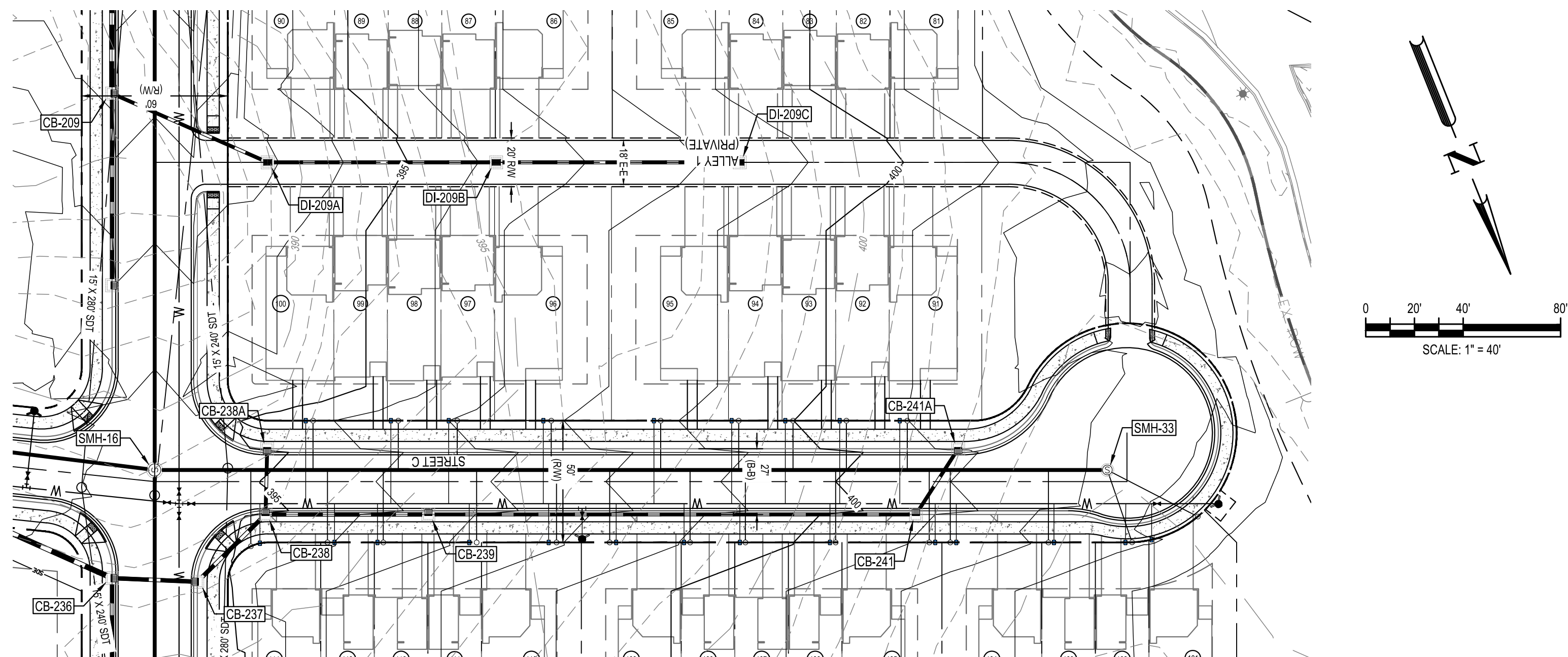
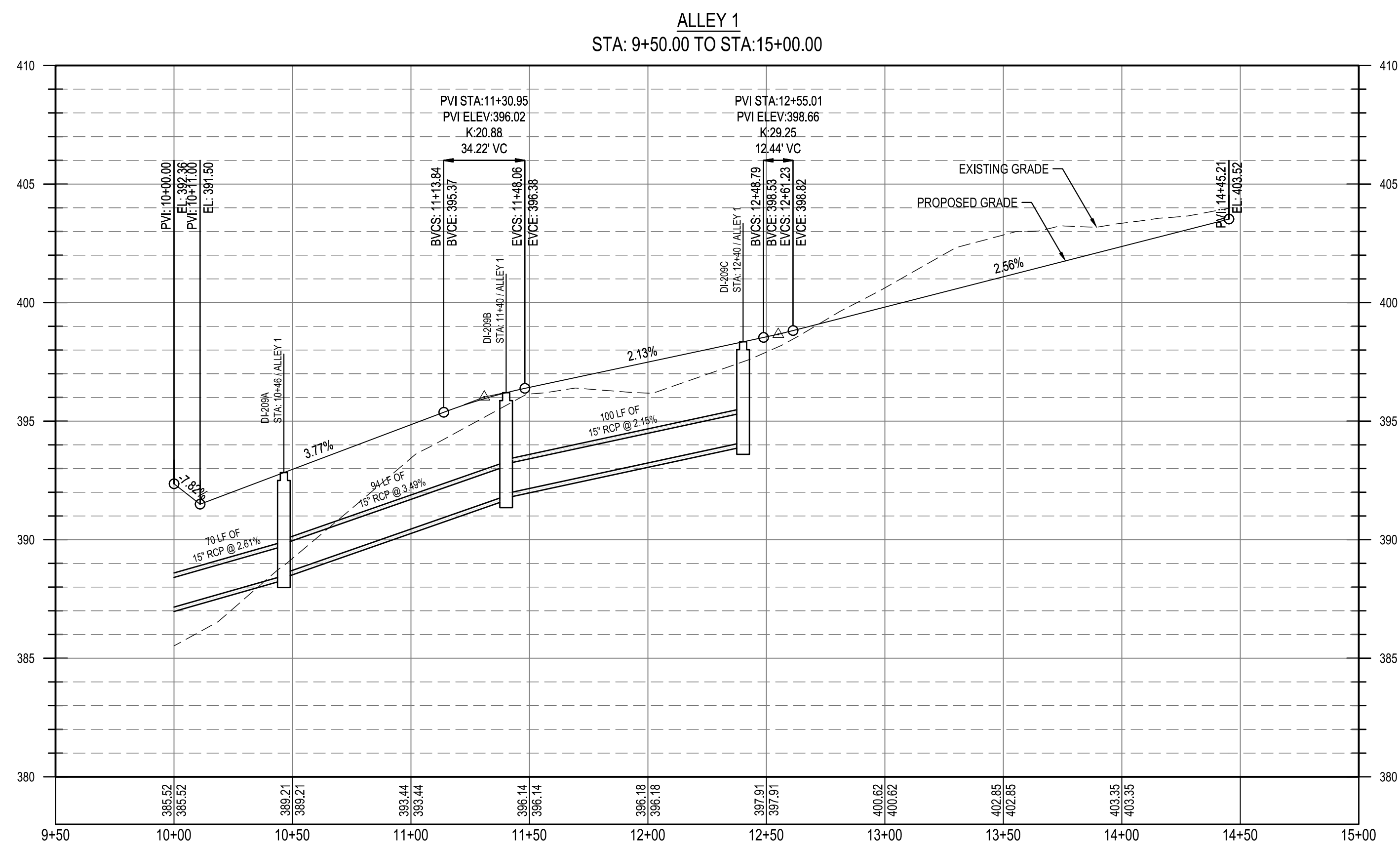
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82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

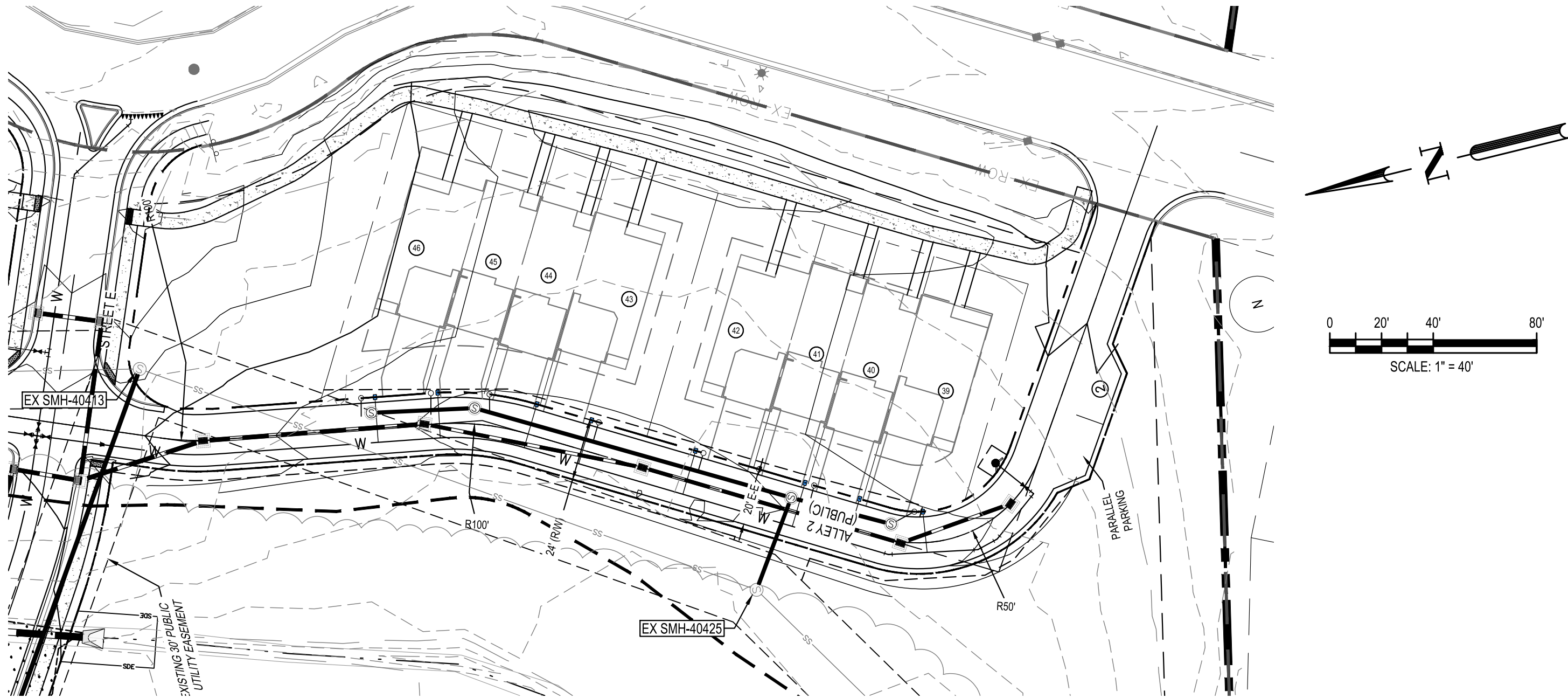
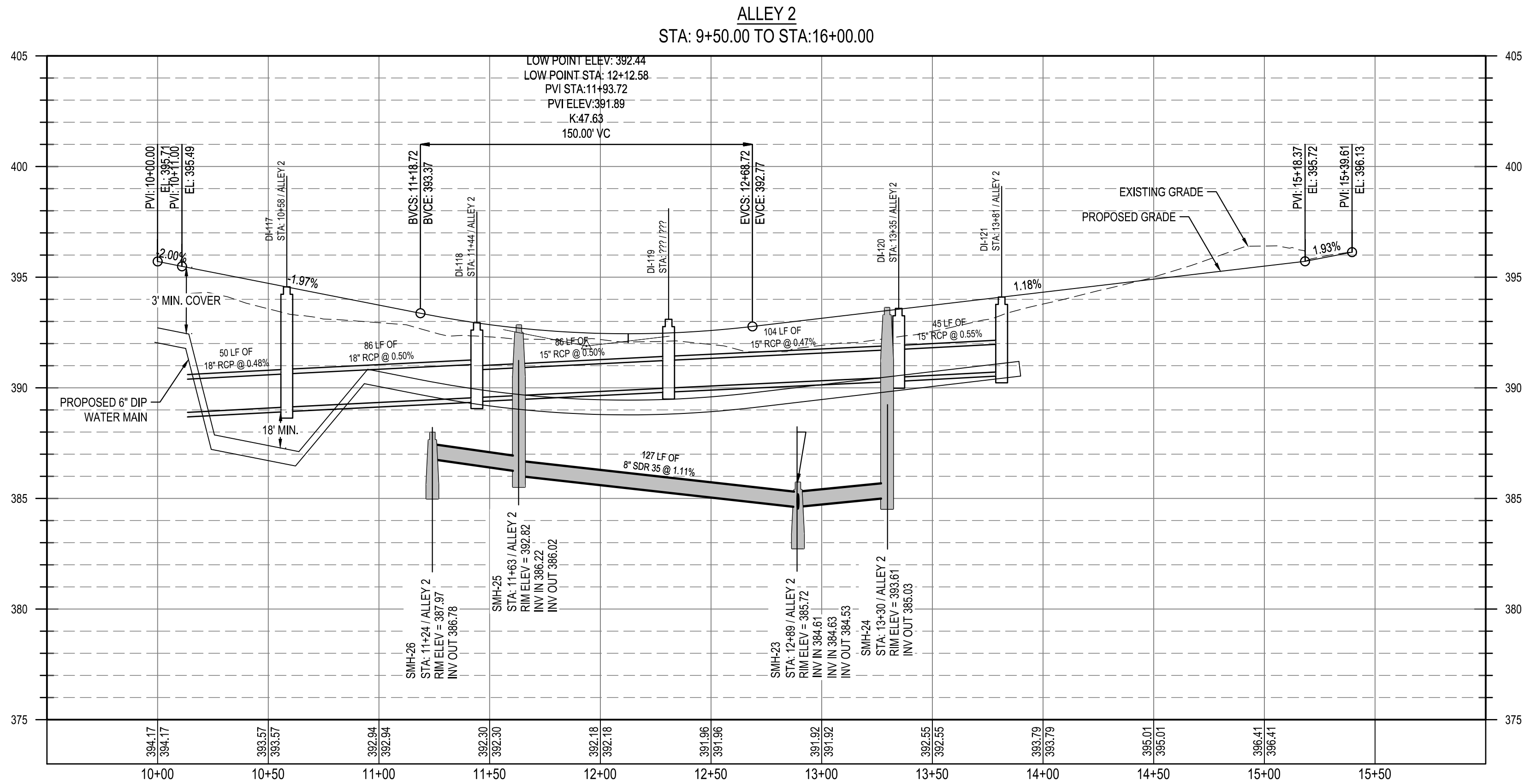
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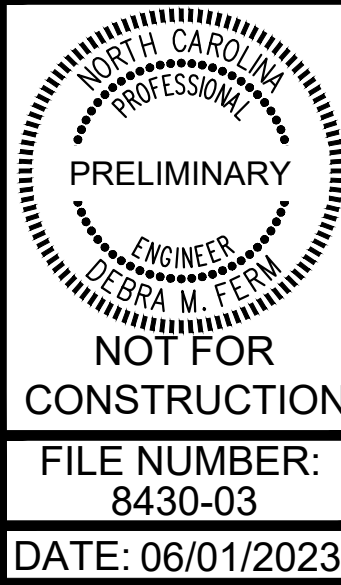
DESIGNED BY: DF/CD
DRAWN BY: DF/JWM
REVIEWED BY: DF

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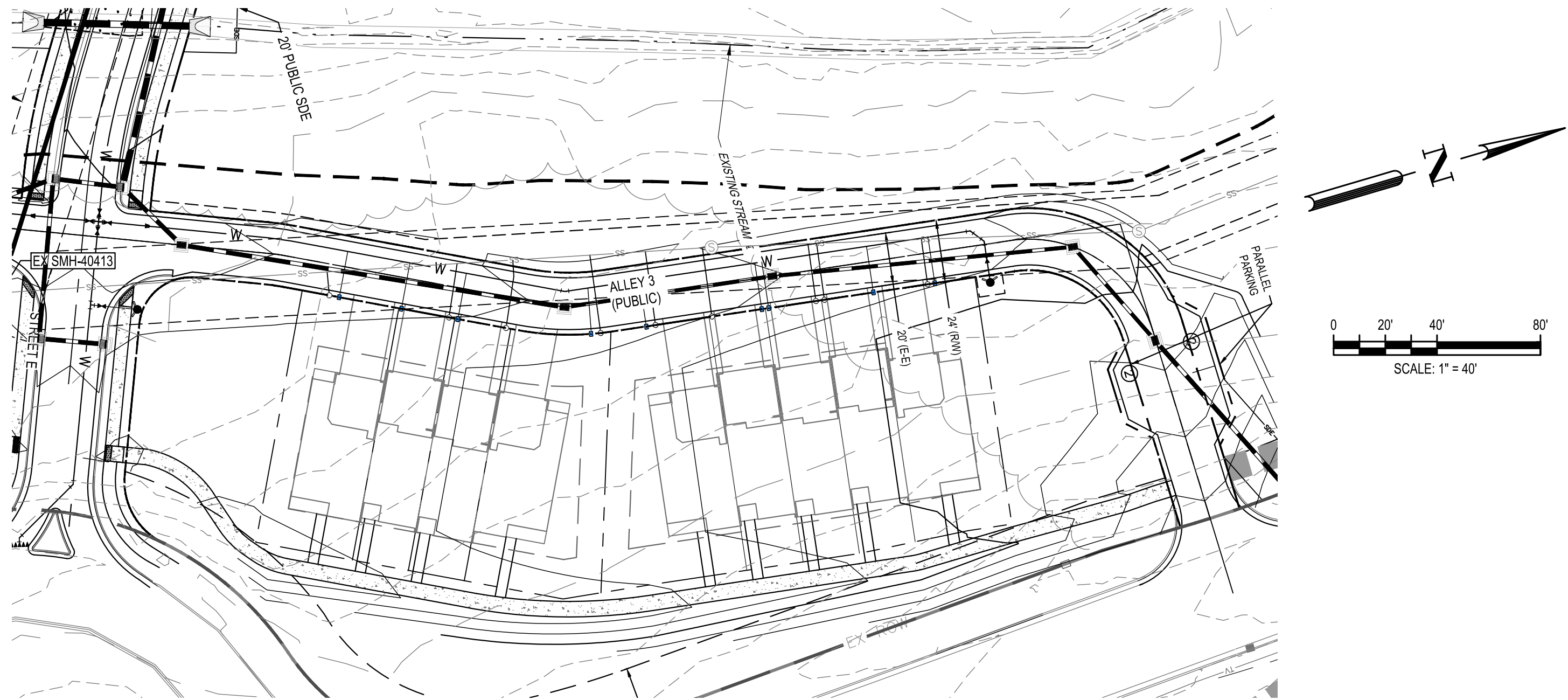
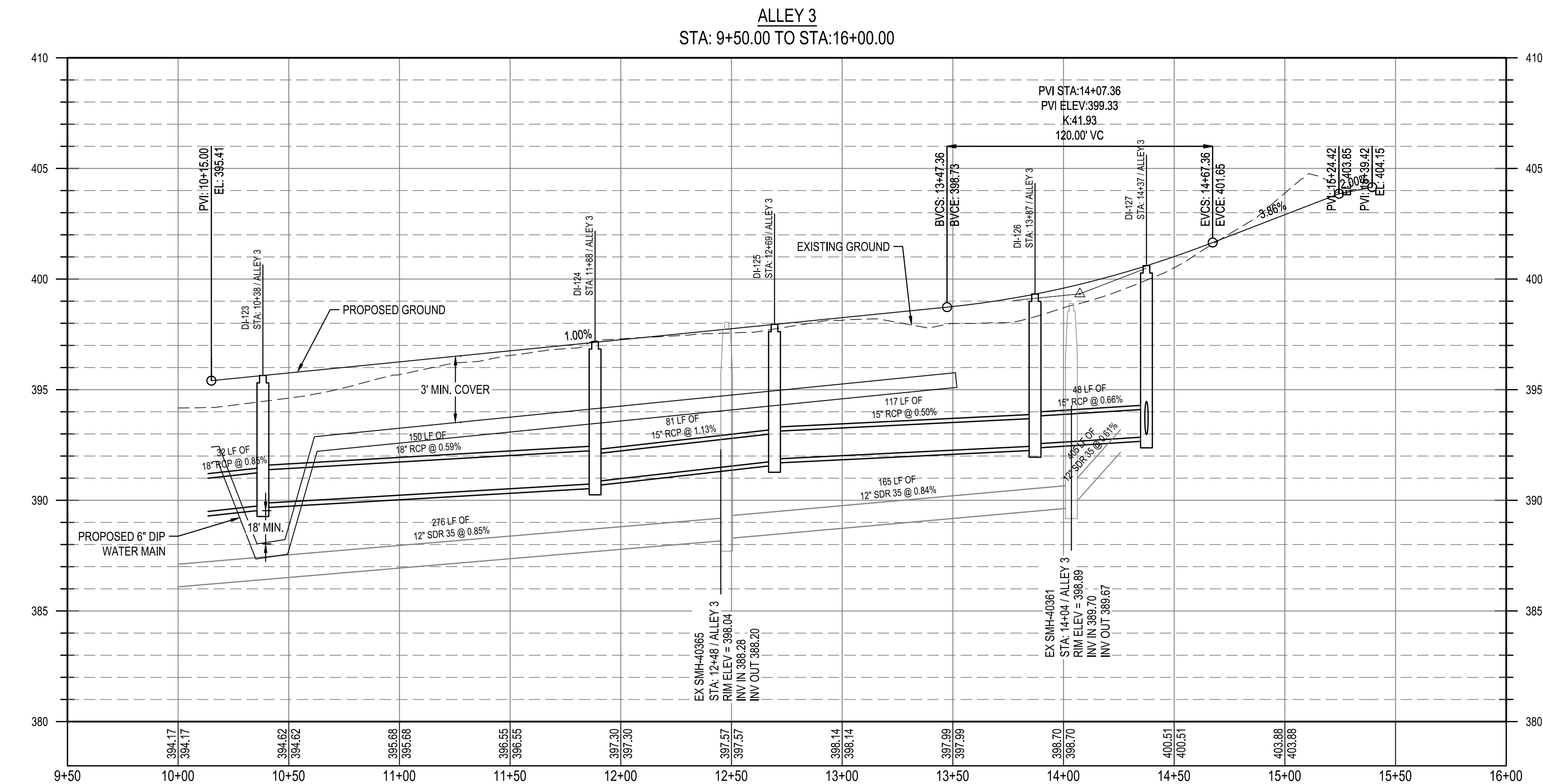
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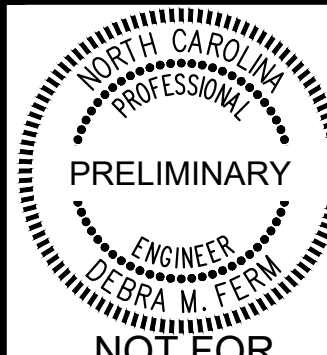
DESIGNED BY: DF/CD
DRAWN BY: DF/JWM
REVIEWED BY: DF

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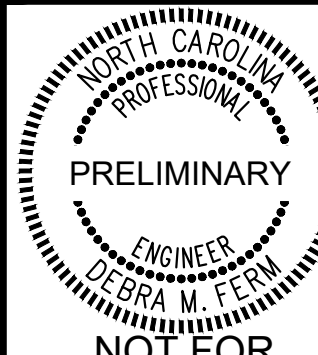
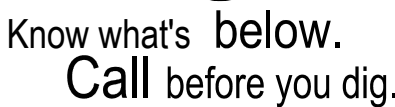
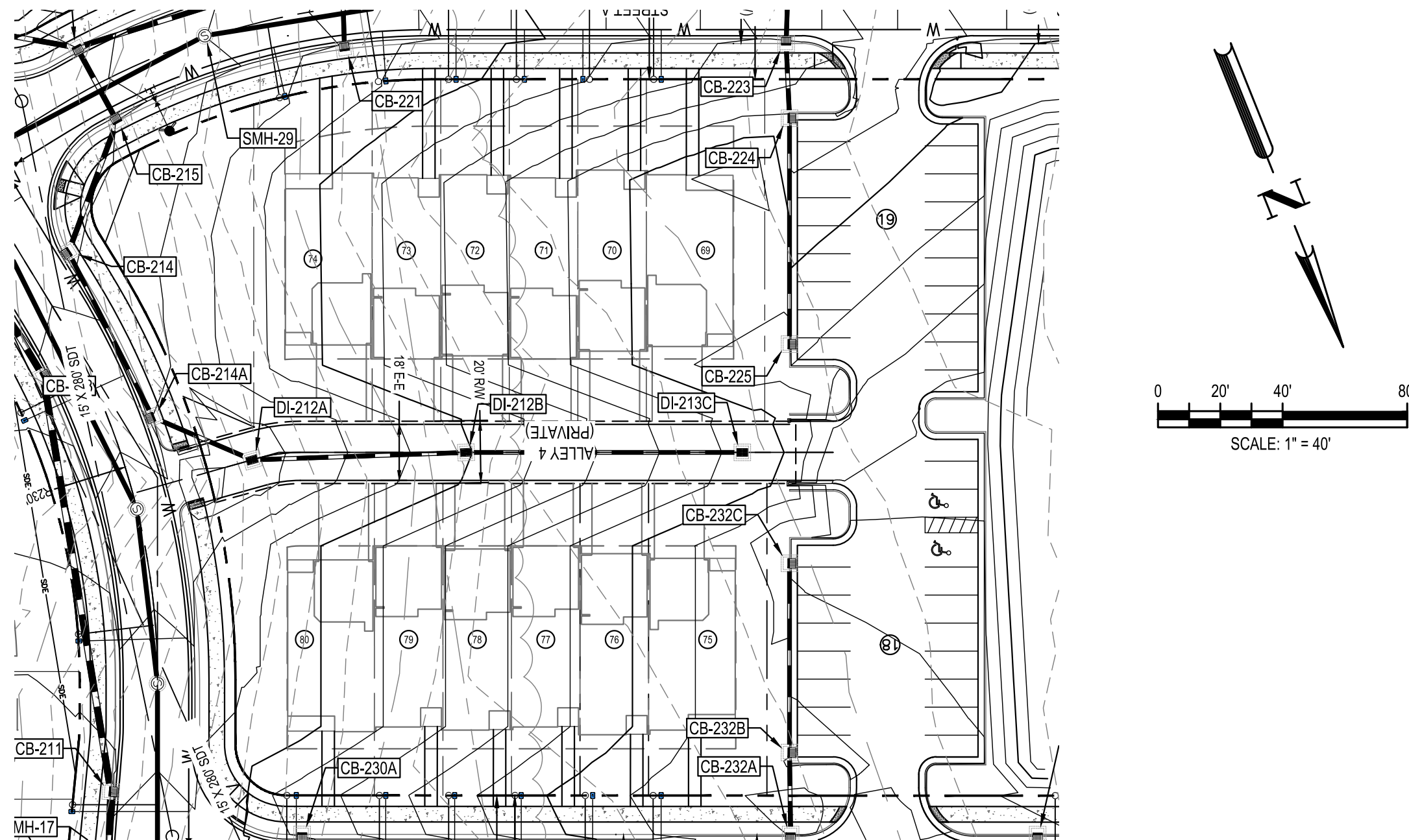
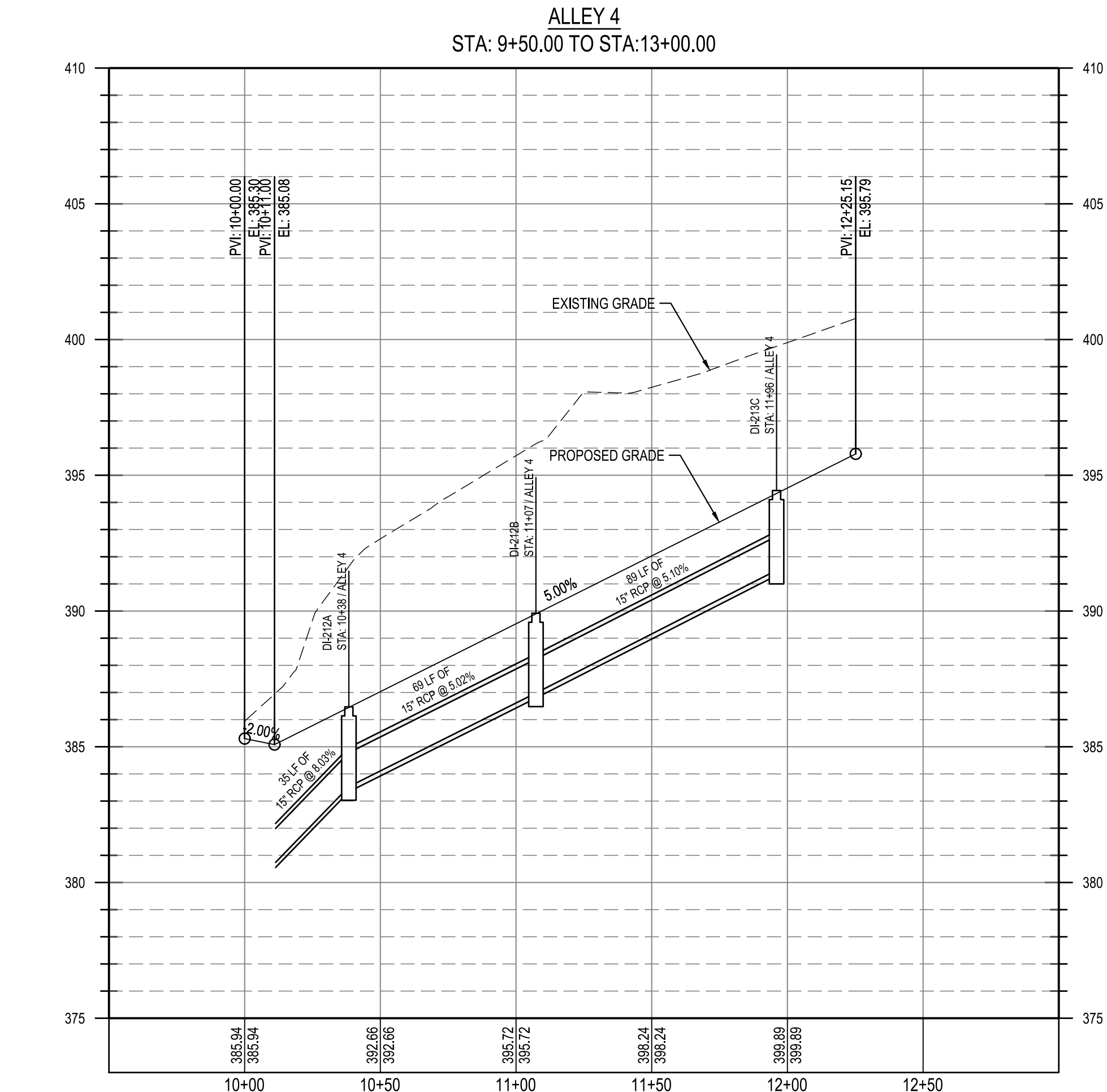
ALLEY 3 PLAN AND PROFILE

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MORRISVILLE / NORTH CAROLINA / 27560

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DRAWN BY:				
REVIEWED BY:	DF			
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ALLEY 4 PLAN AND PROFILE

DESIGNED BY:	DF/C
DRAWN BY:	DF/J
REVIEWED BY:	DF

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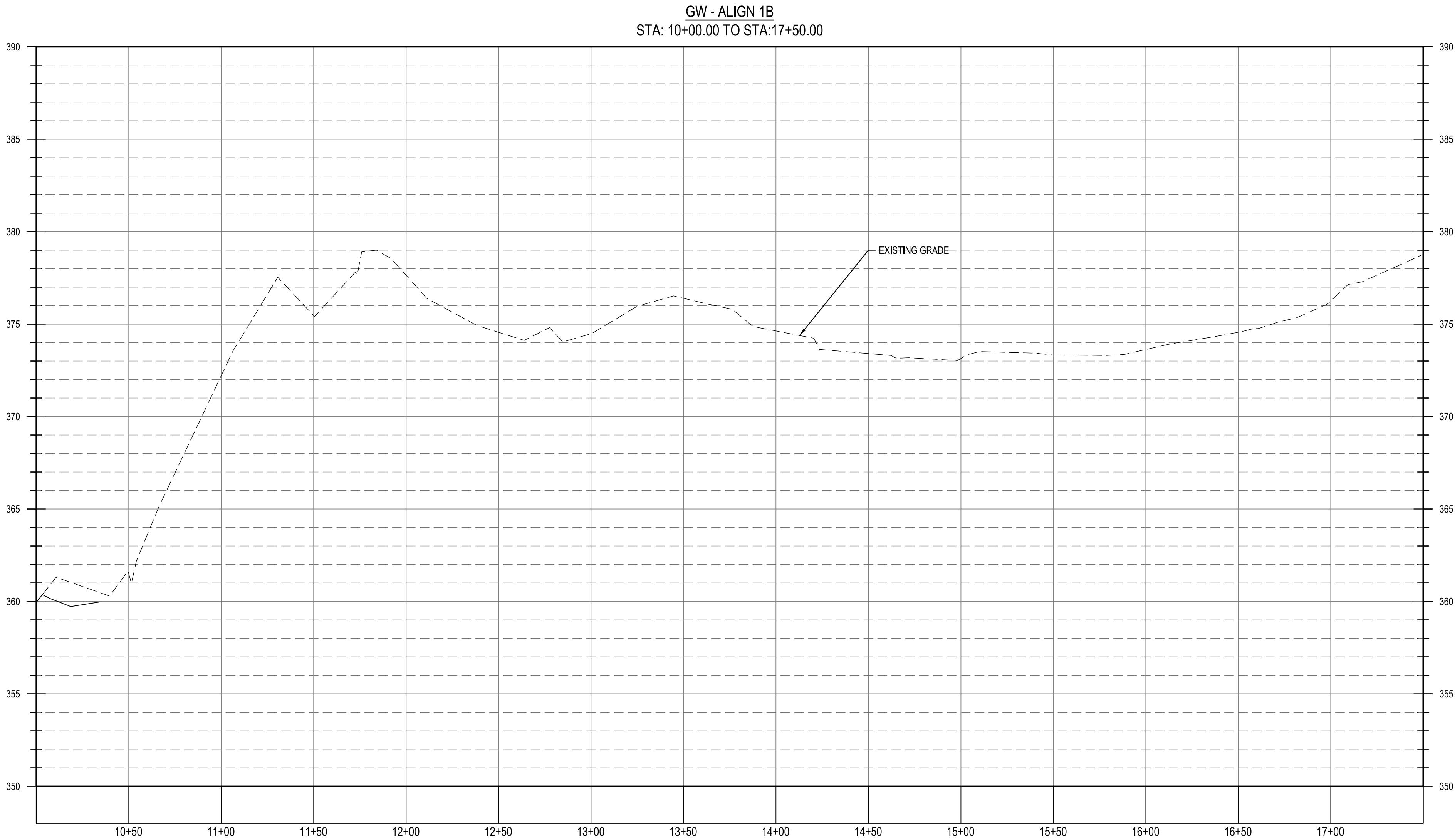
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AND PROFILE (1 OF 2)**

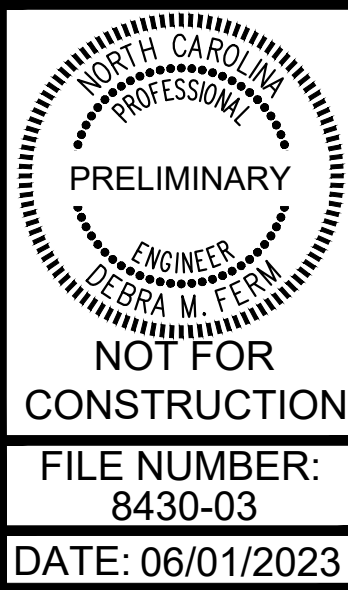
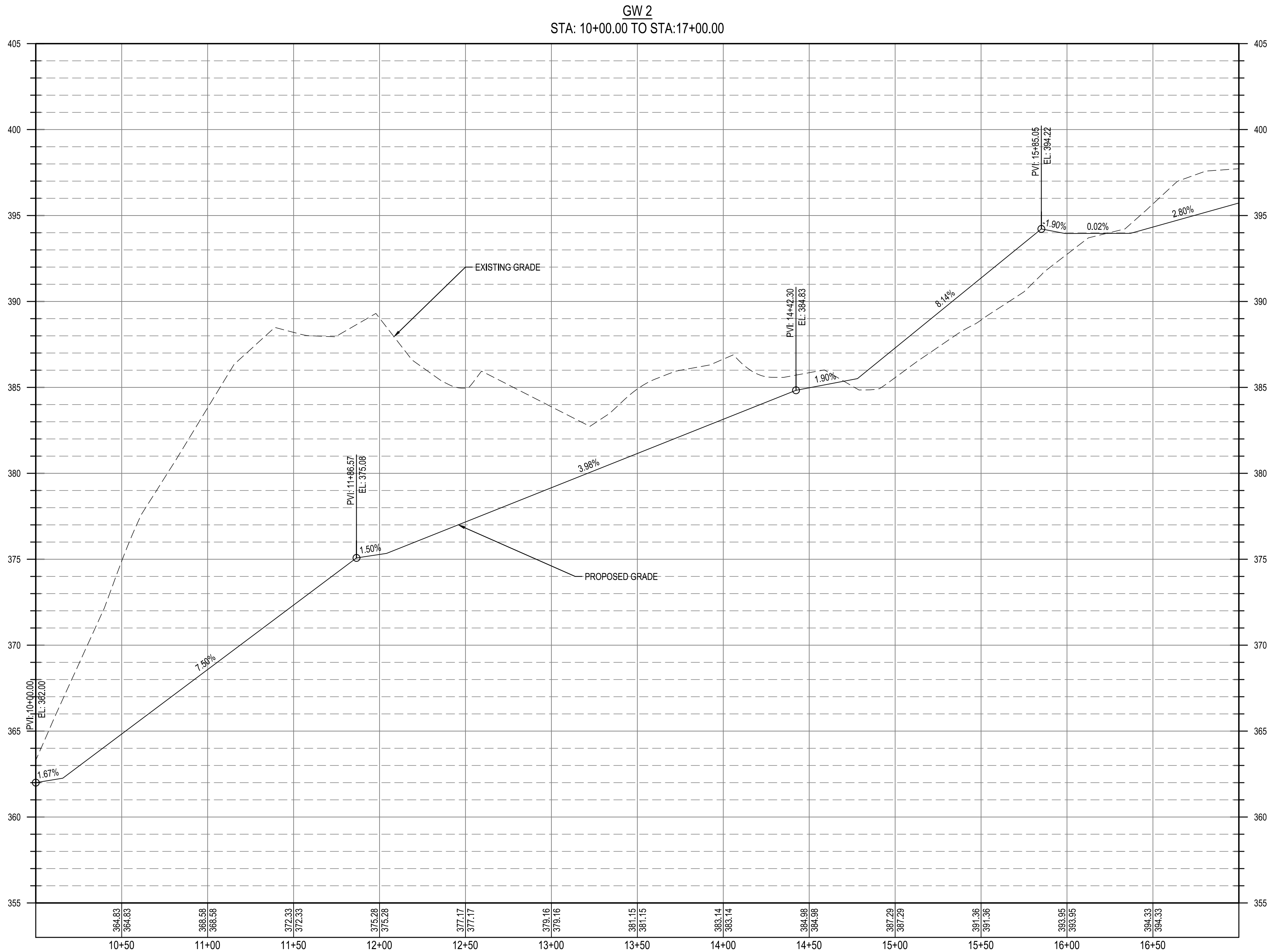
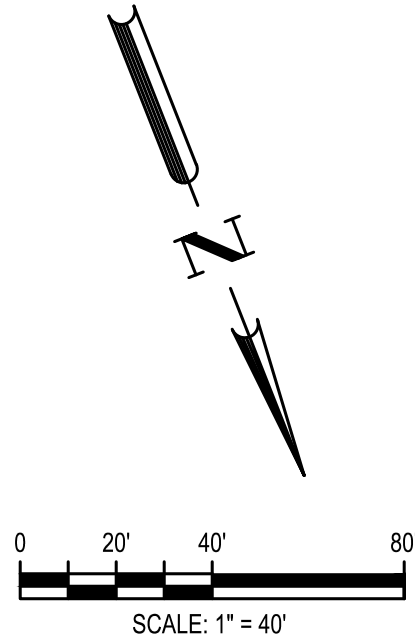
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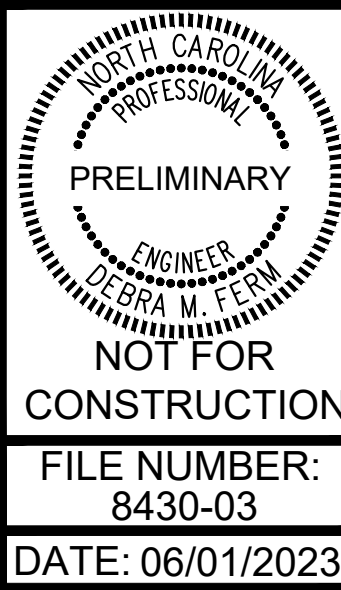
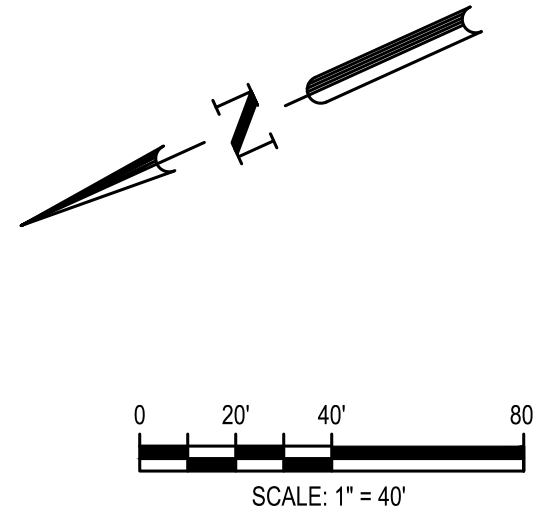
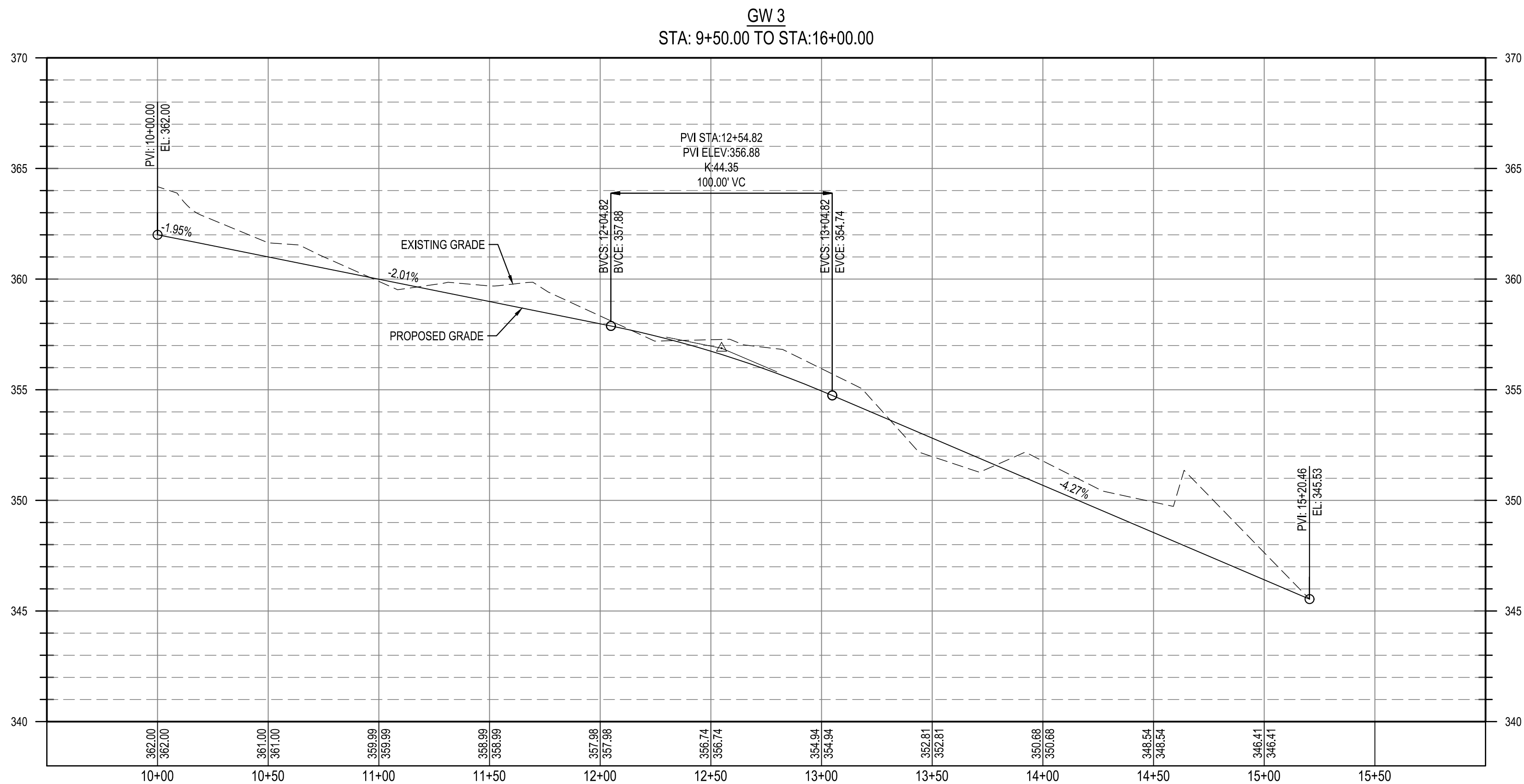
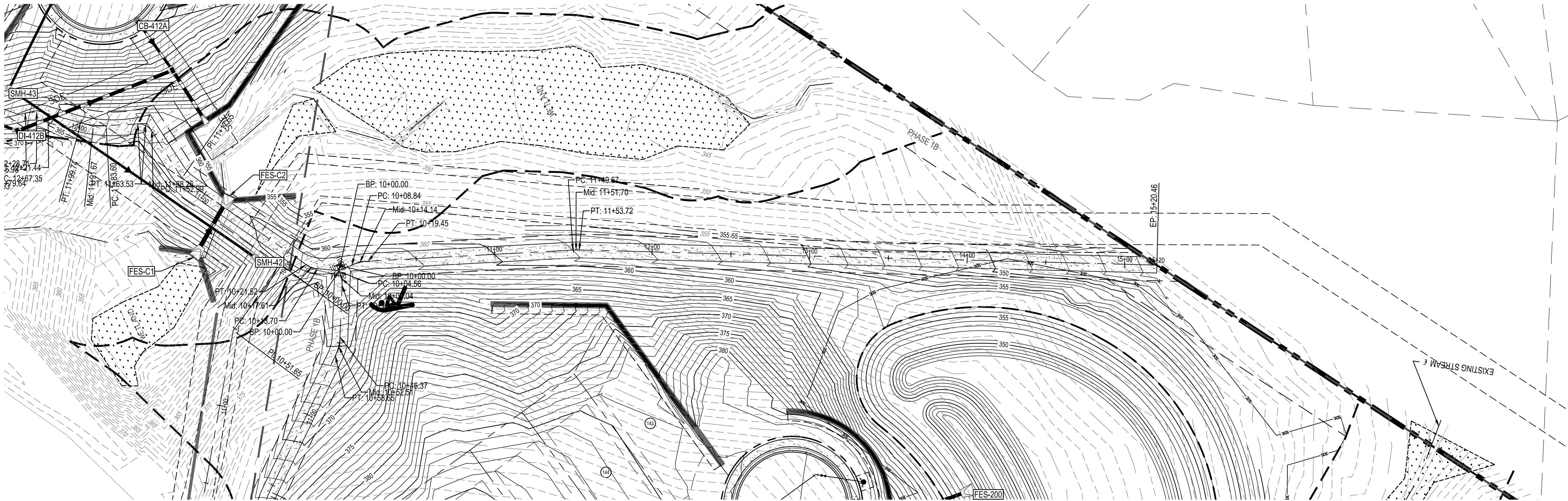
GW2 GREENWAY PLAN AND
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GW3 GREENWAY PLAN AND
PROFILE (1 OF 1)

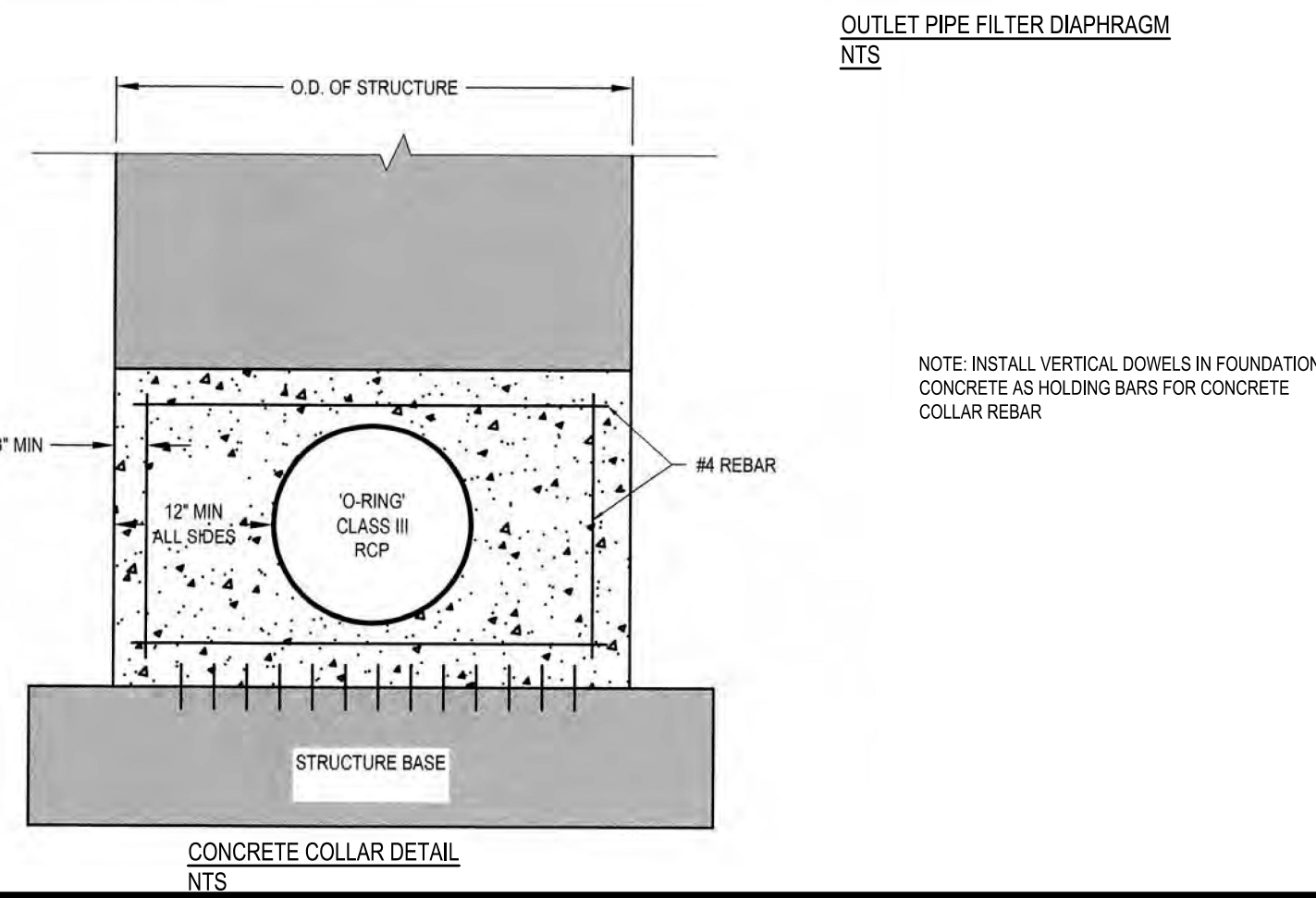
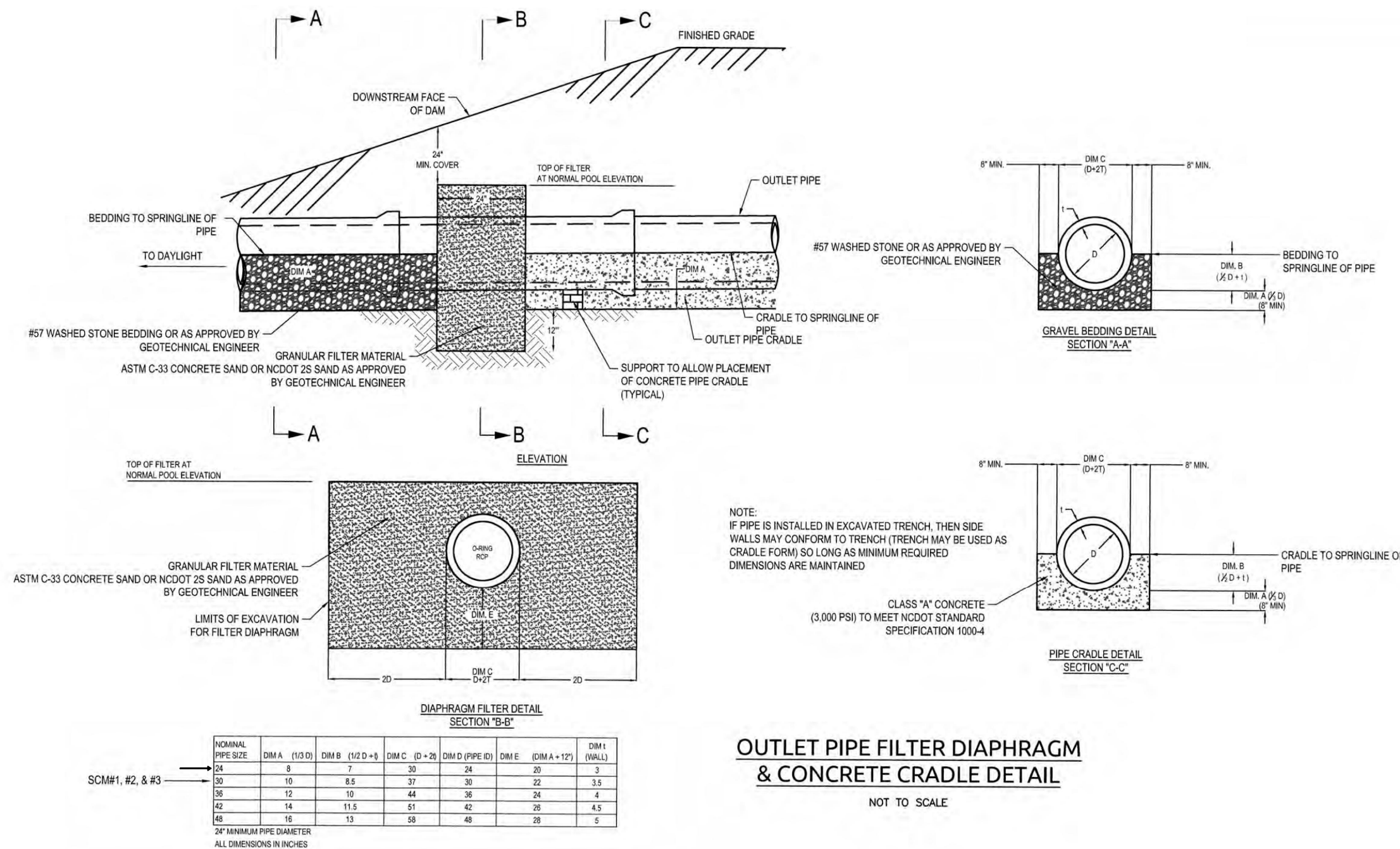
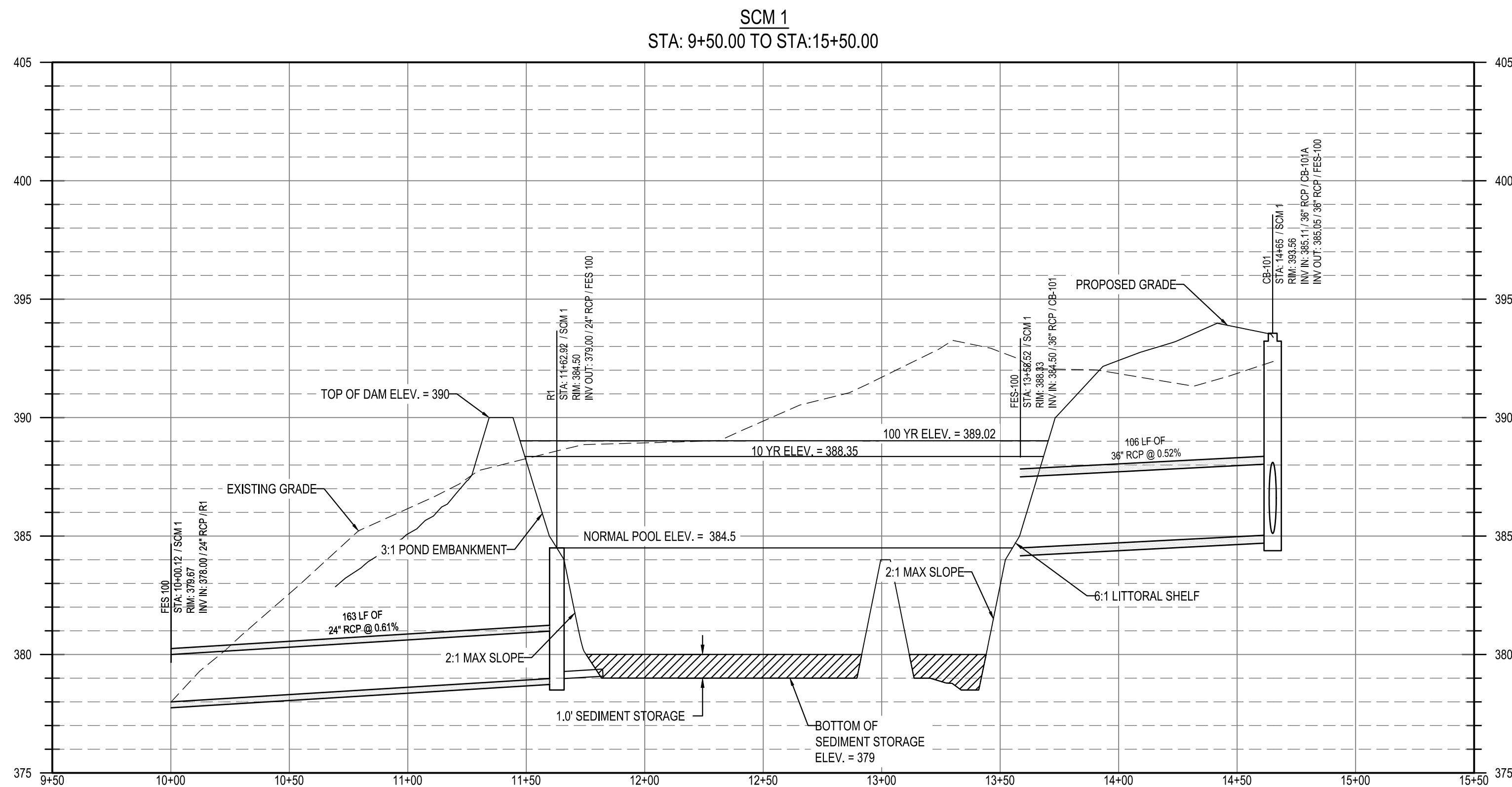
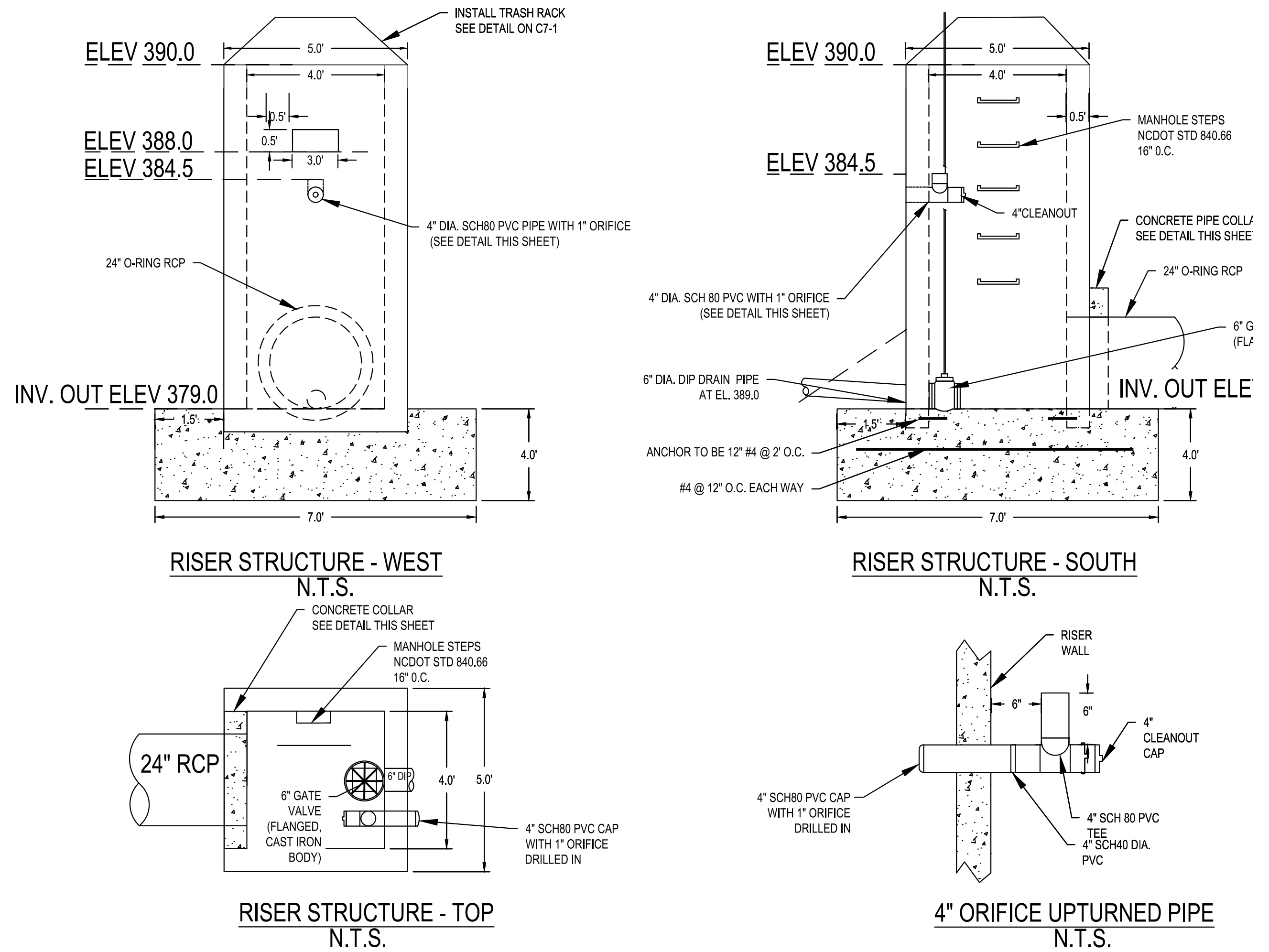
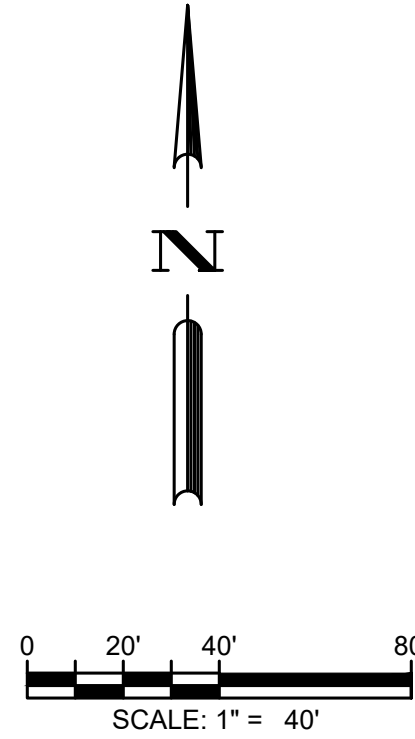
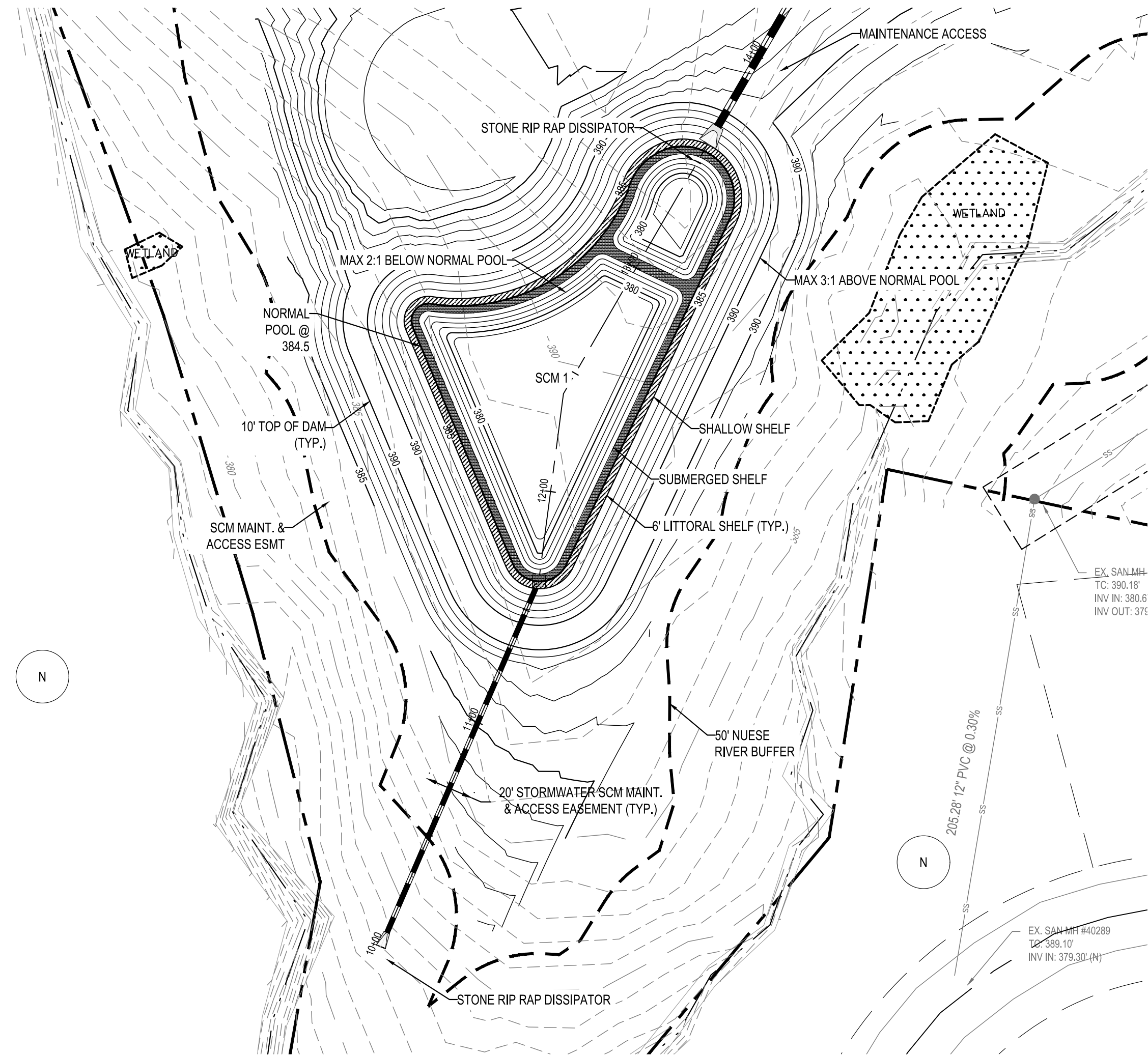
PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

LENNAR
CORPORAION
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

BCE
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM
NC LICENSE #C-4397

DESIGNED BY: DF/CD
DRAWN BY: DF/JWM
REVIEWED BY: DF

06/01/2023 PER TOWN OF ROLESVILLE COMMENT
04/03/2023 REV INITIAL SUBMITTAL



Know what's below.
Call before you dig.

DESIGNED BY: DFC/D

DRAWN BY: DFC/JWM

REVIEWED BY: DFC

06/01/2023

04/03/2023

PER TOWN OF ROLESVILLE COMMENT

INITIAL SUBMITTAL

5440 WADE PARK BLVD, SUITE 102

RALEIGH NC 27607

WWW.BCEINC.COM

NC LICENSE #C-4397

LENARR

CORPORAION

1100 PERIMETER PARK DRIVE, SUITE 112

MORRISVILLE / NORTH CAROLINA / 27560

SCM 1 PLAN AND PROFILE

82 SCHOOL STREET

ROLESVILLE / NORTH CAROLINA / 27571

NORTH CAROLINA

PROFESSIONAL

ENGINEER

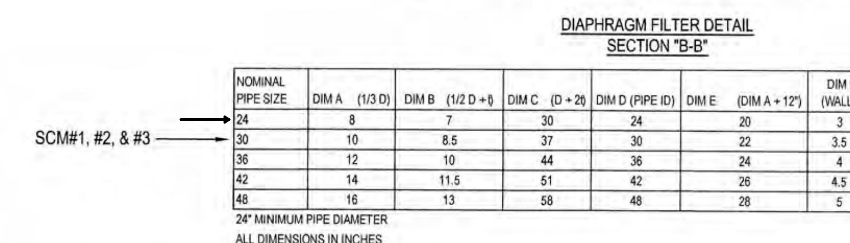
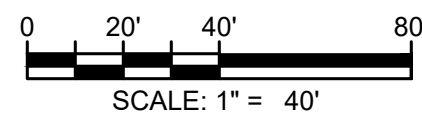
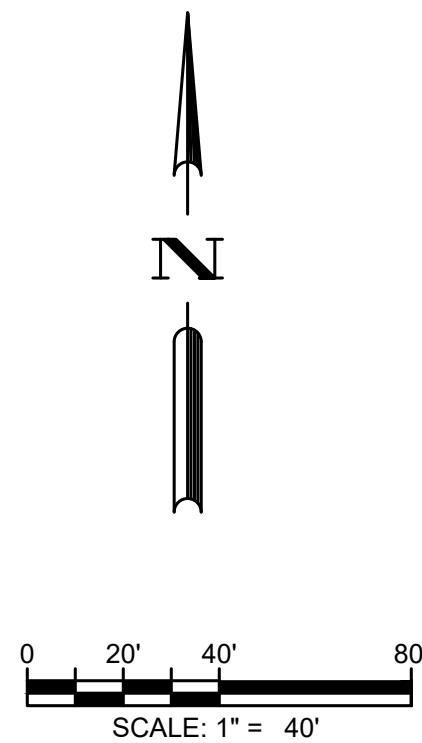
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NOT FOR CONSTRUCTION

FILE NUMBER: 8430-03

DATE: 06/01/2023

C7-0

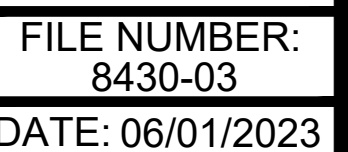


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DESIGNED BY:		DF/CD			
DRAWN BY:		DF/JWM			
REVIEWED BY:		DF			

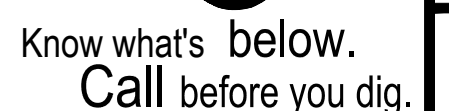
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CORPORAION
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

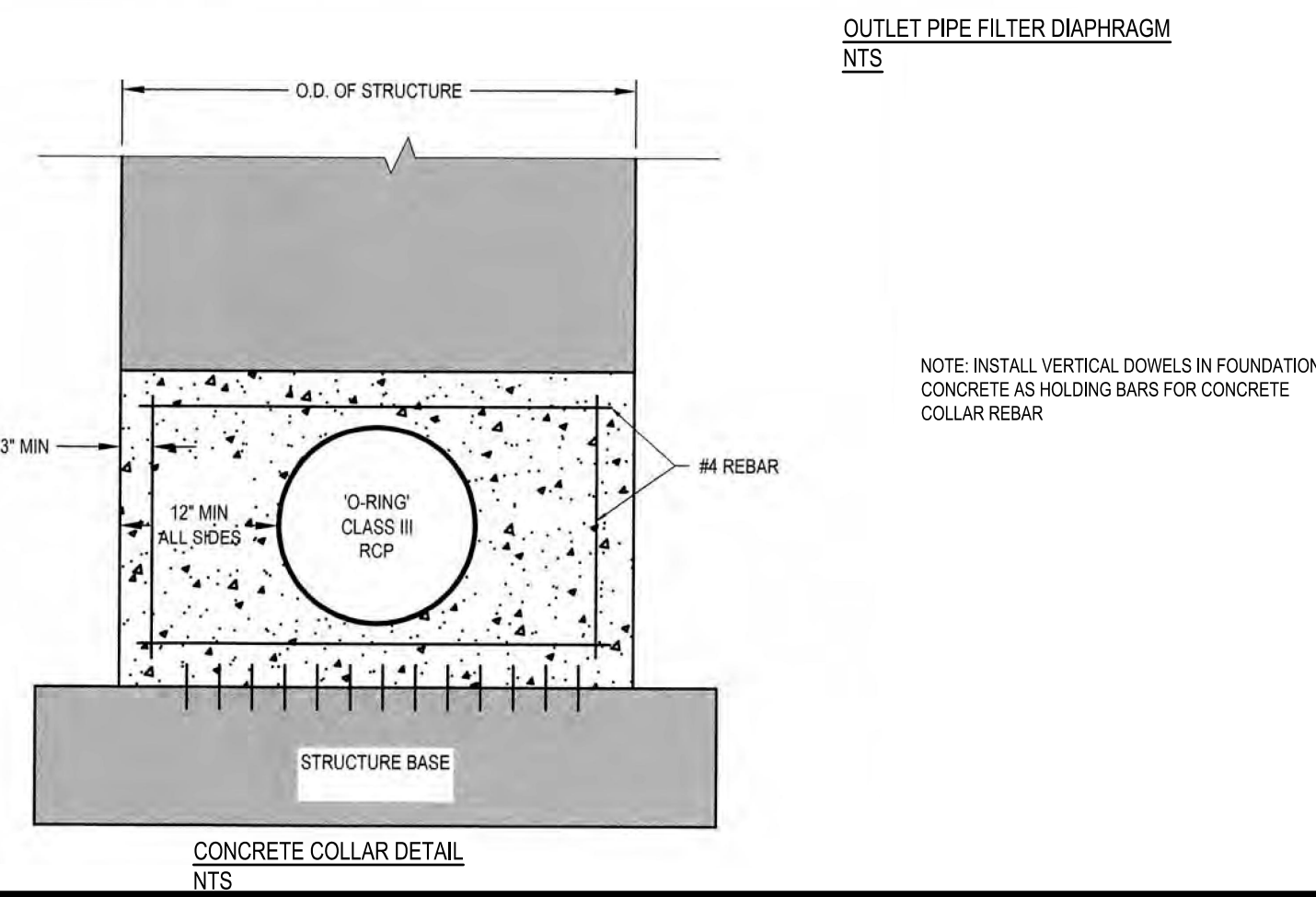
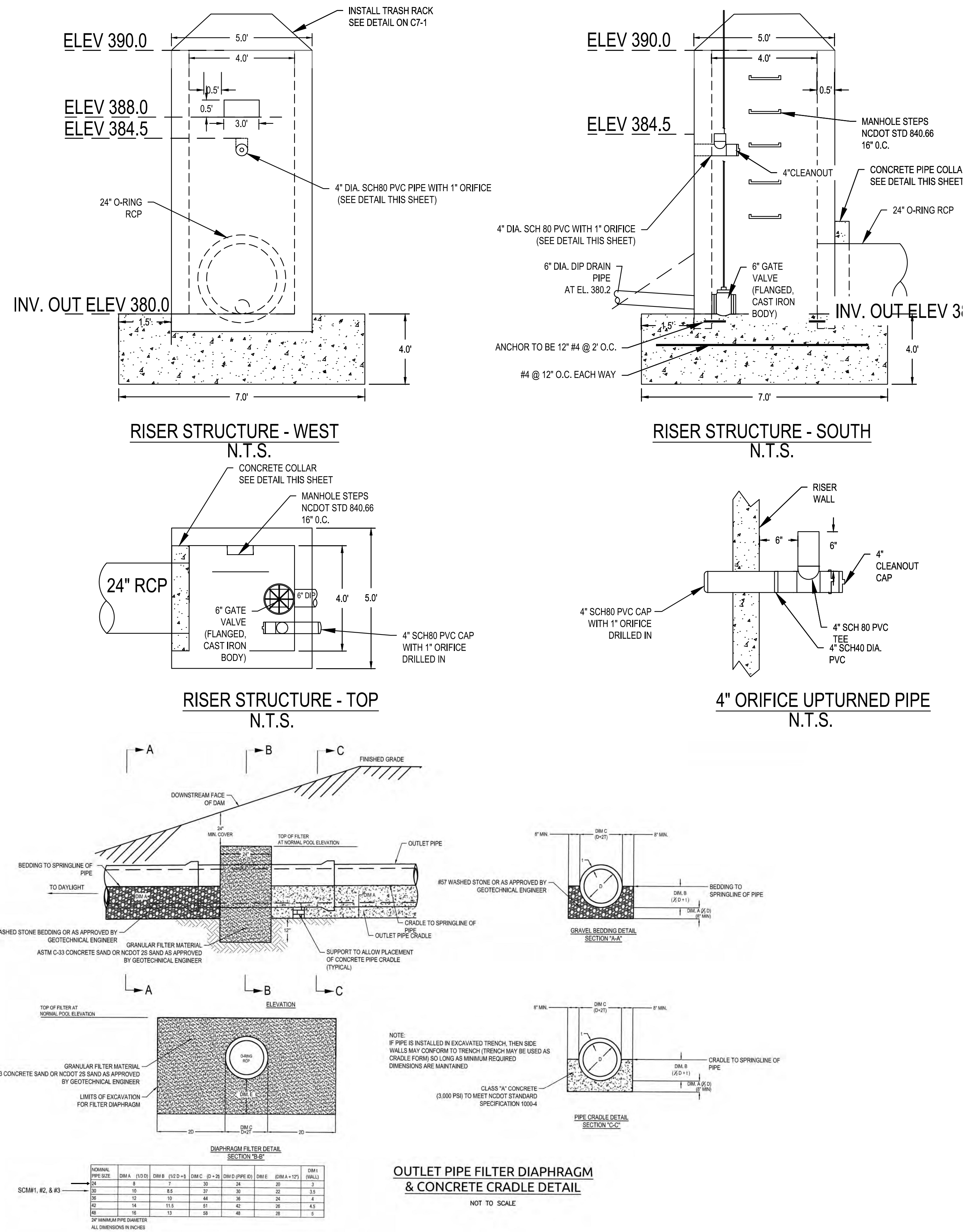
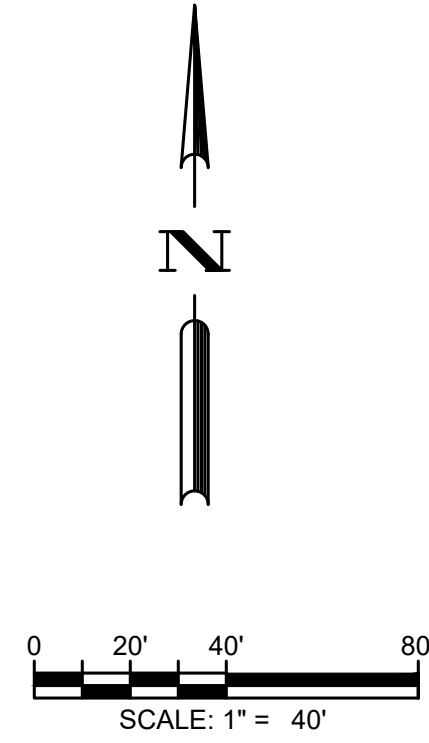
PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

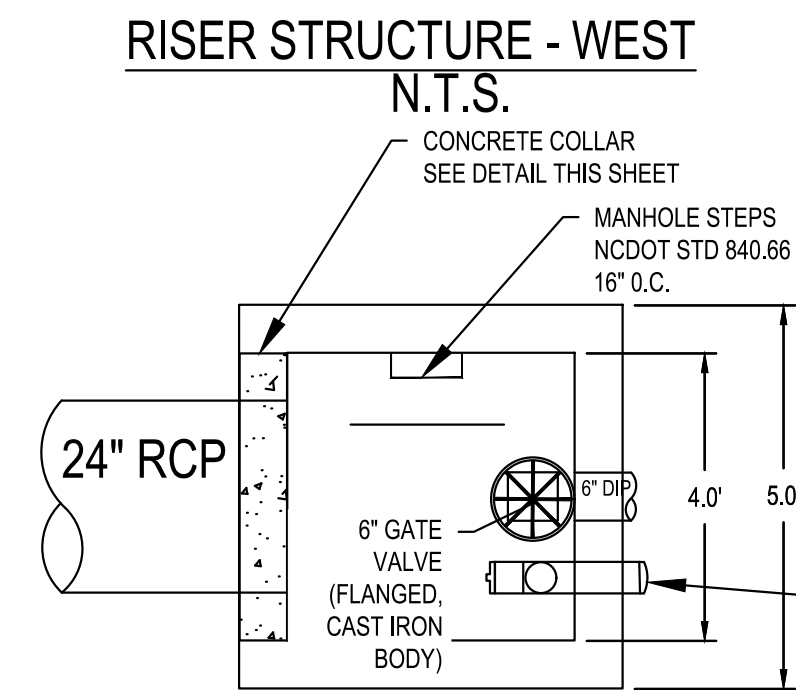
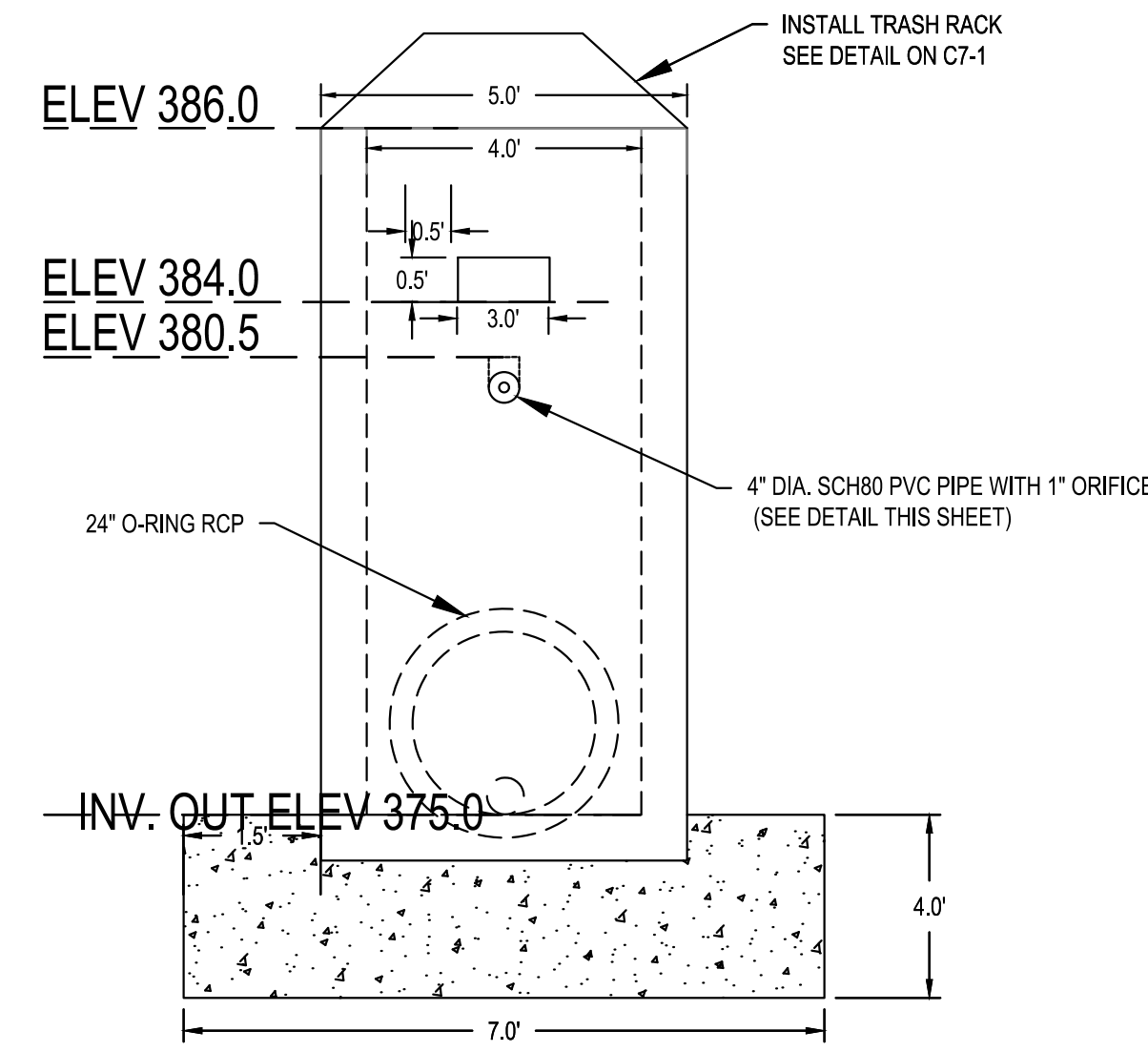
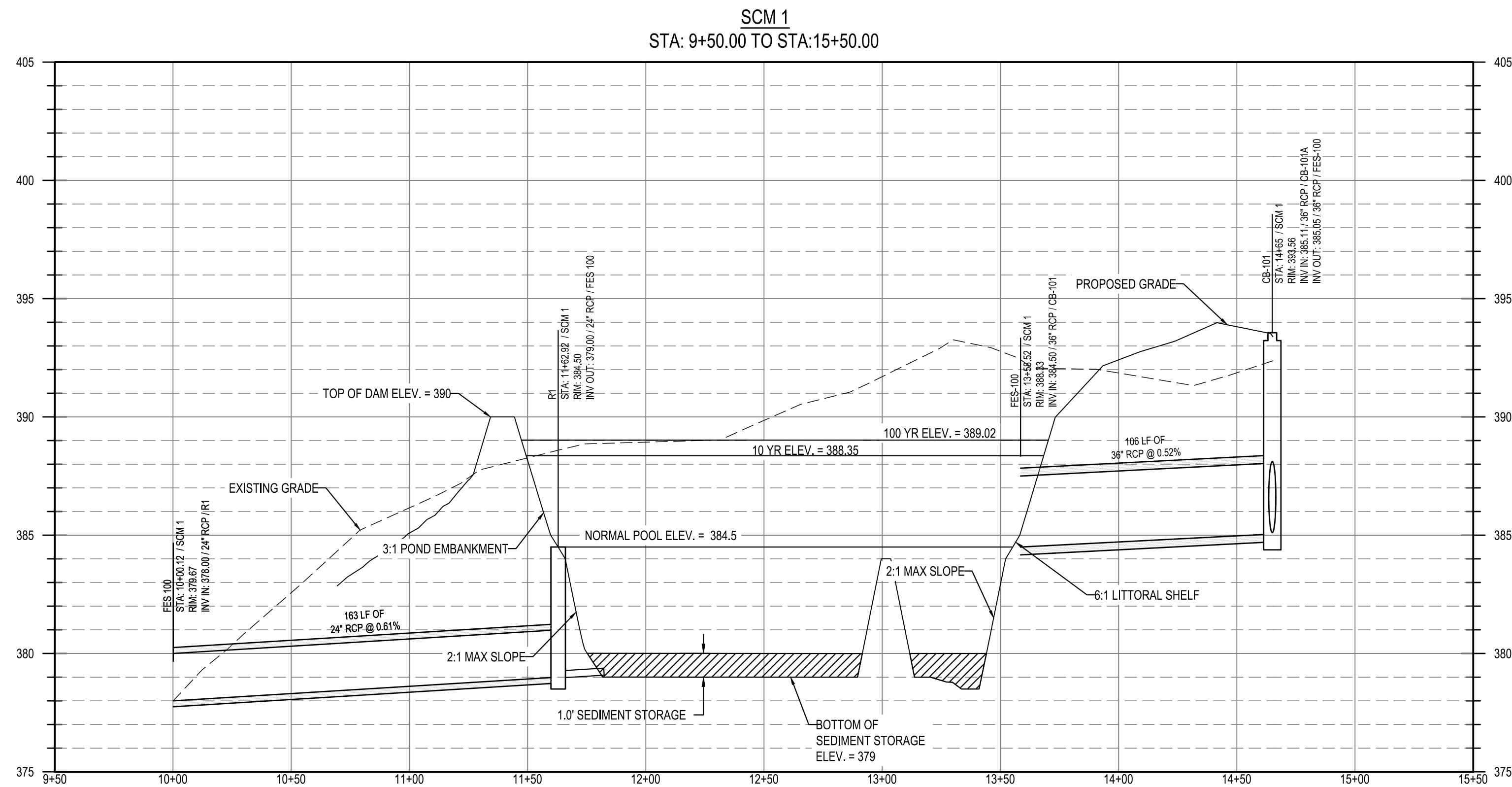
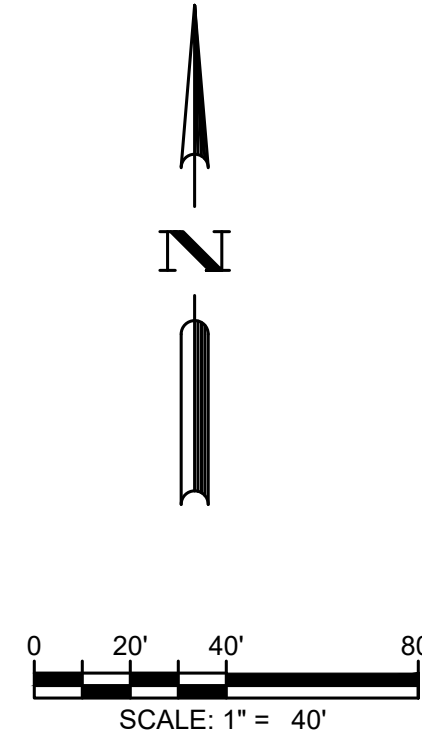
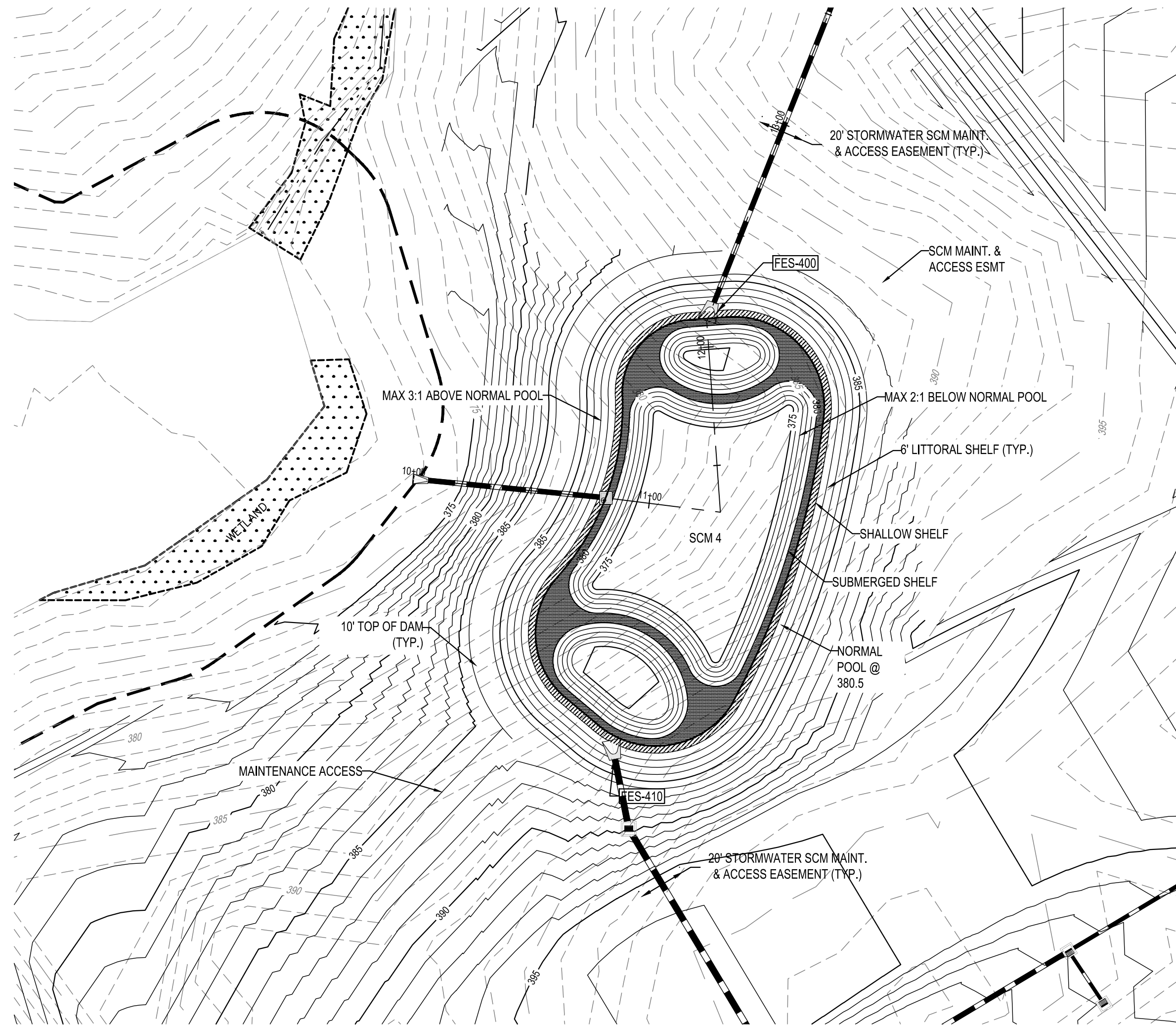
SCM 2 PLAN AND PROFILE



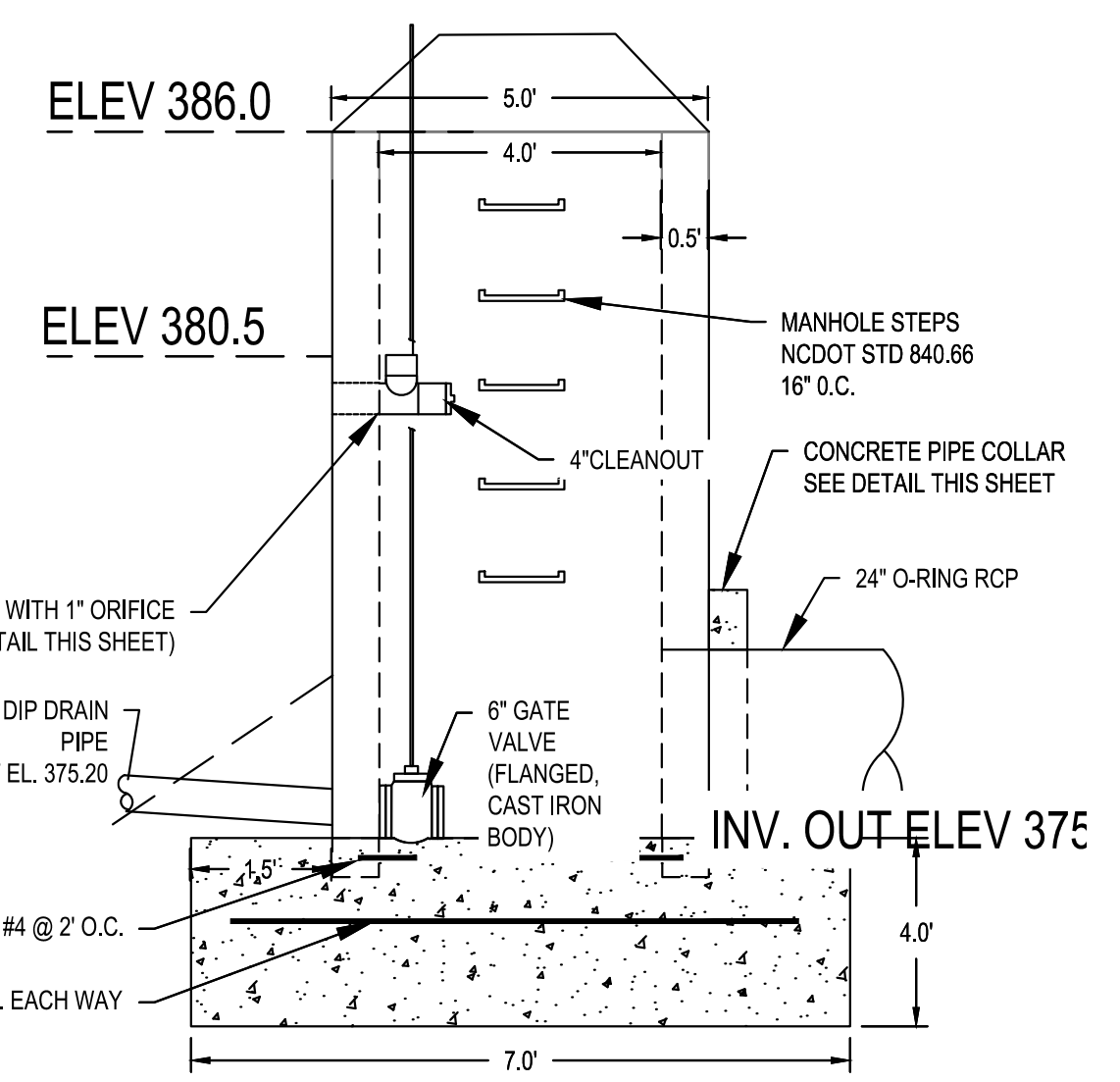
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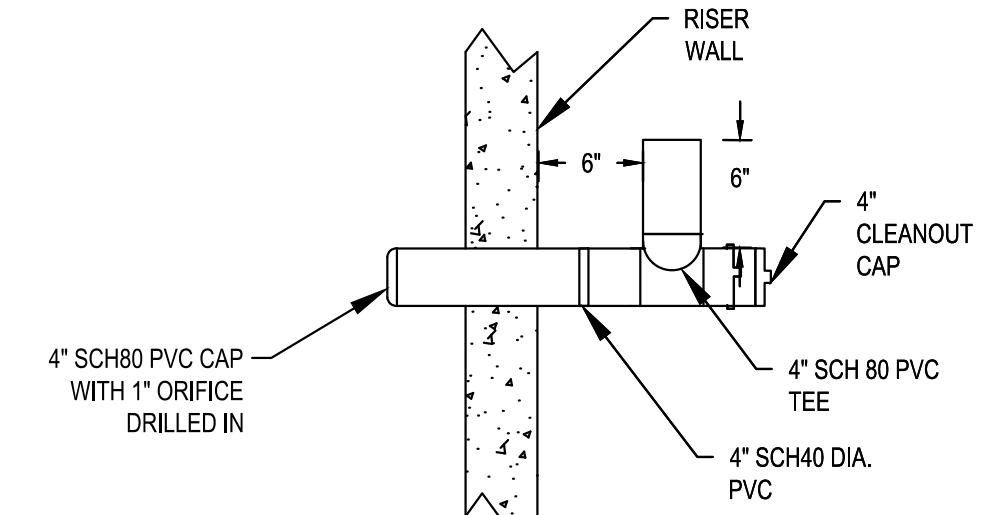




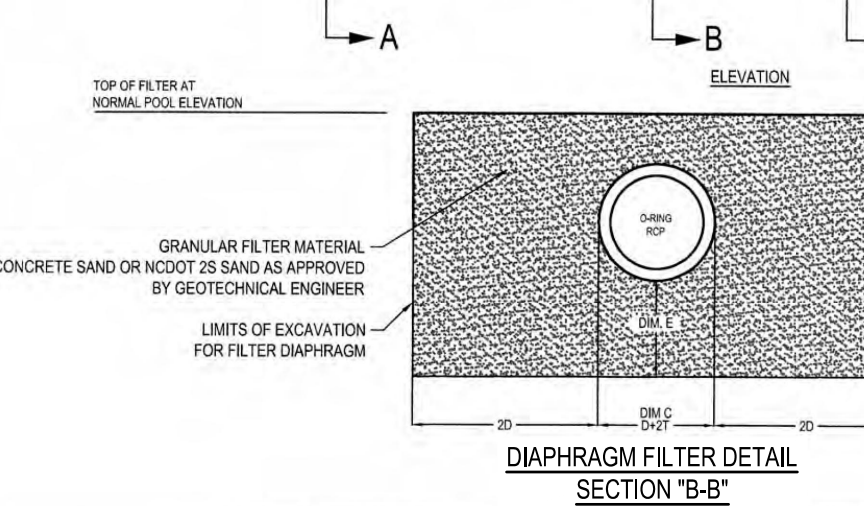
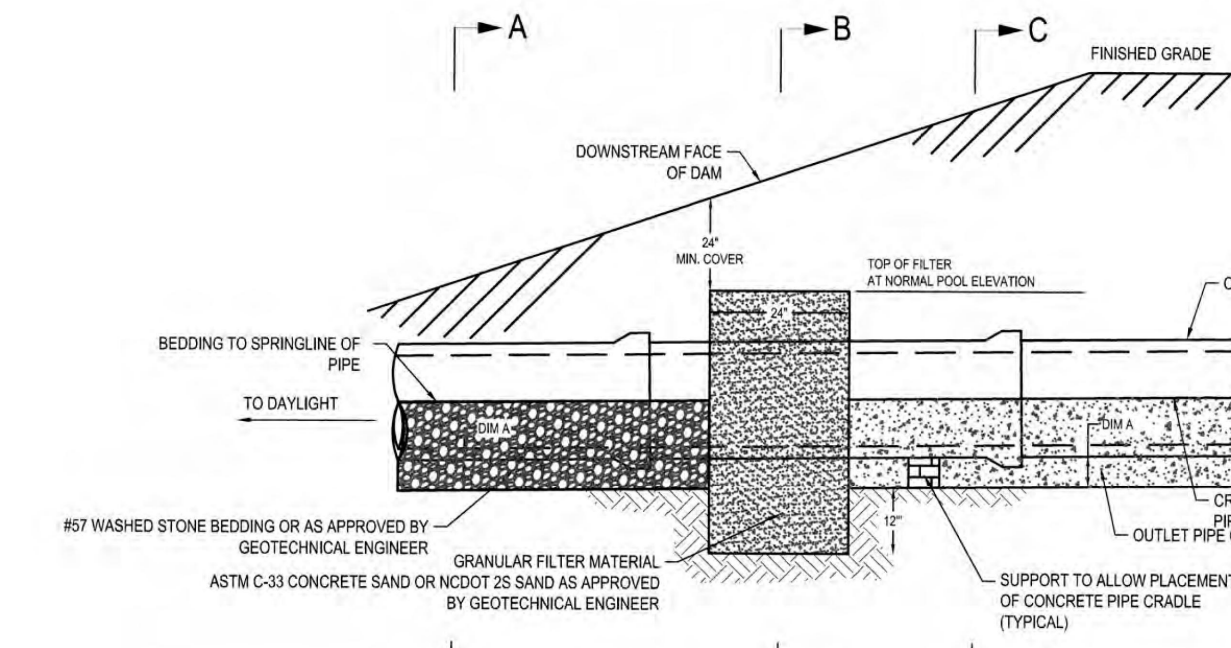
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N.T.S.



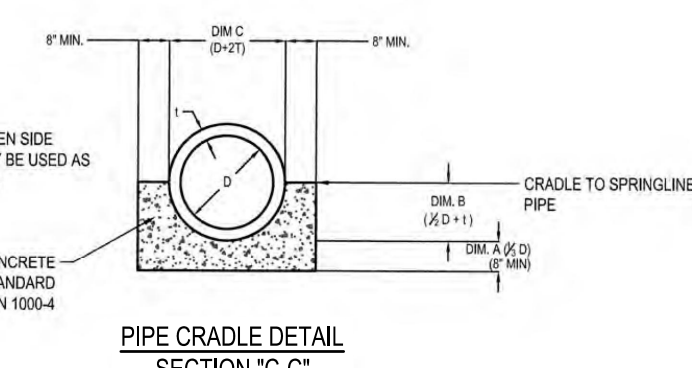
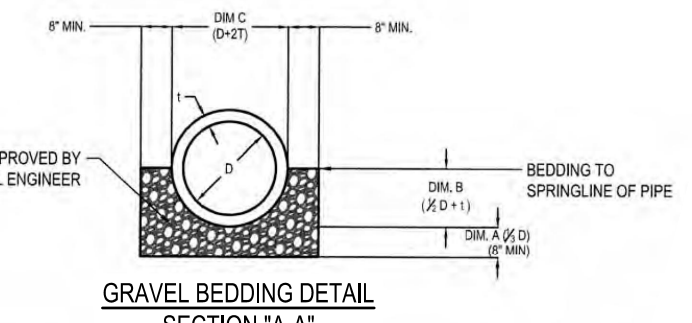
RISER STRUCTURE - SOUTH
N.T.S.



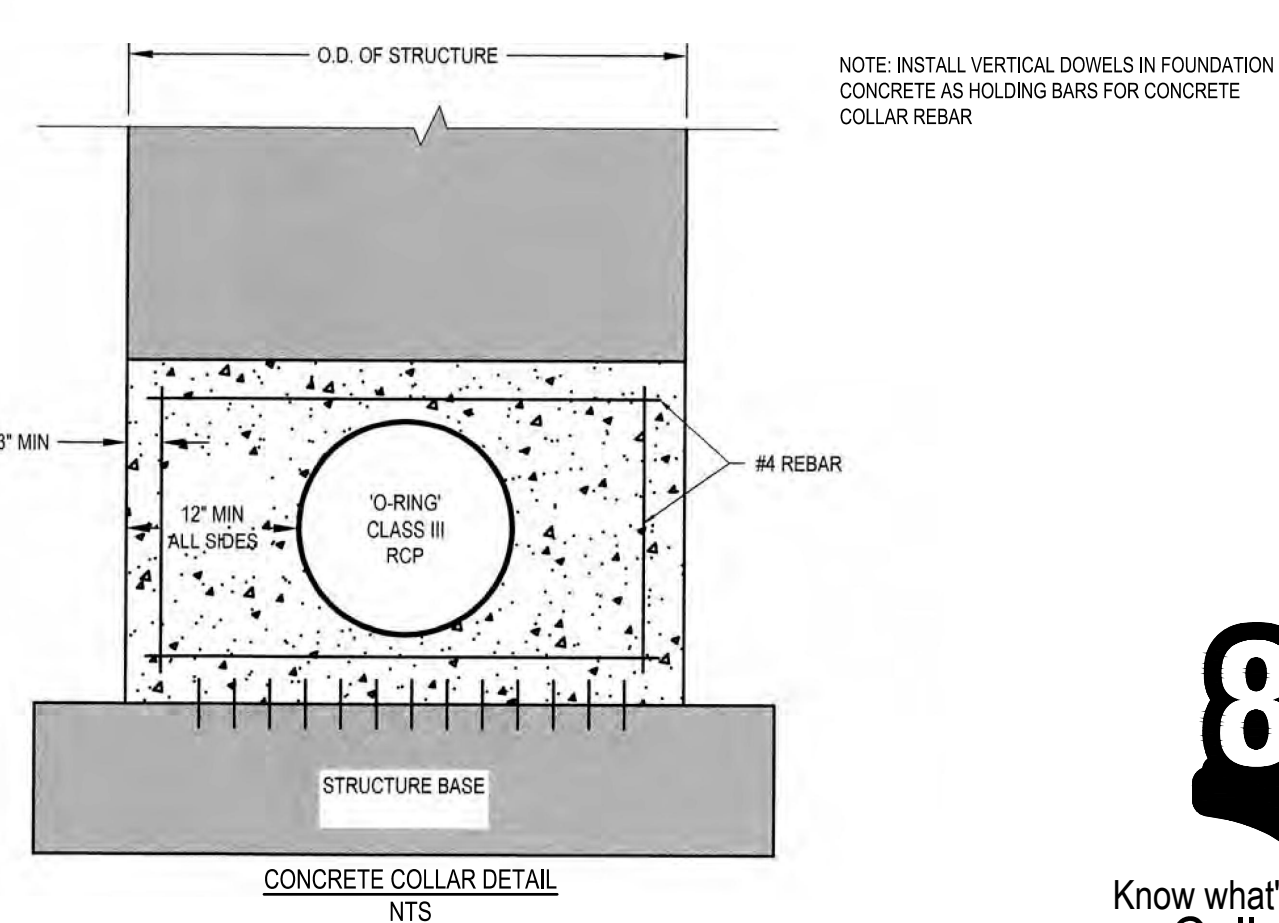
4" ORIFICE UPTURNED PIPE
N.T.S.



PIPE SIZE	DM A (10'-0")	DM B (10'-0")	DM C (10'-0")	DM D (10'-0")	DM E (10'-0")	DM F (10'-0")
24"	10	10	10	10	10	10
36"	16	16	16	16	16	16
48"	24	24	24	24	24	24
60"	36	36	36	36	36	36
72"	48	48	48	48	48	48
84"	60	60	60	60	60	60
96"	72	72	72	72	72	72
108"	84	84	84	84	84	84
120"	96	96	96	96	96	96



OUTLET PIPE FILTER DIAPHRAGM
NTS



DESIGNED BY: DF/CD

DRAWN BY: DF/JWM

REVIEWED BY: DF

06/01/2023

04/03/2023

PER TOWN OF ROLESVILLE COMMENT

INITIAL SUBMITTAL

5440 WADE PARK BLVD, SUITE 102

RALEIGH NC 27607

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NC LICENSE #C-4397

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CORPORAION

1100 PERIMETER PARK DRIVE, SUITE 112

MORRISVILLE / NORTH CAROLINA / 27560

PARKER RIDGE

82 SCHOOL STREET

ROLESVILLE / NORTH CAROLINA / 27571

SCM 4 PLAN AND PROFILE

PRELIMINARY

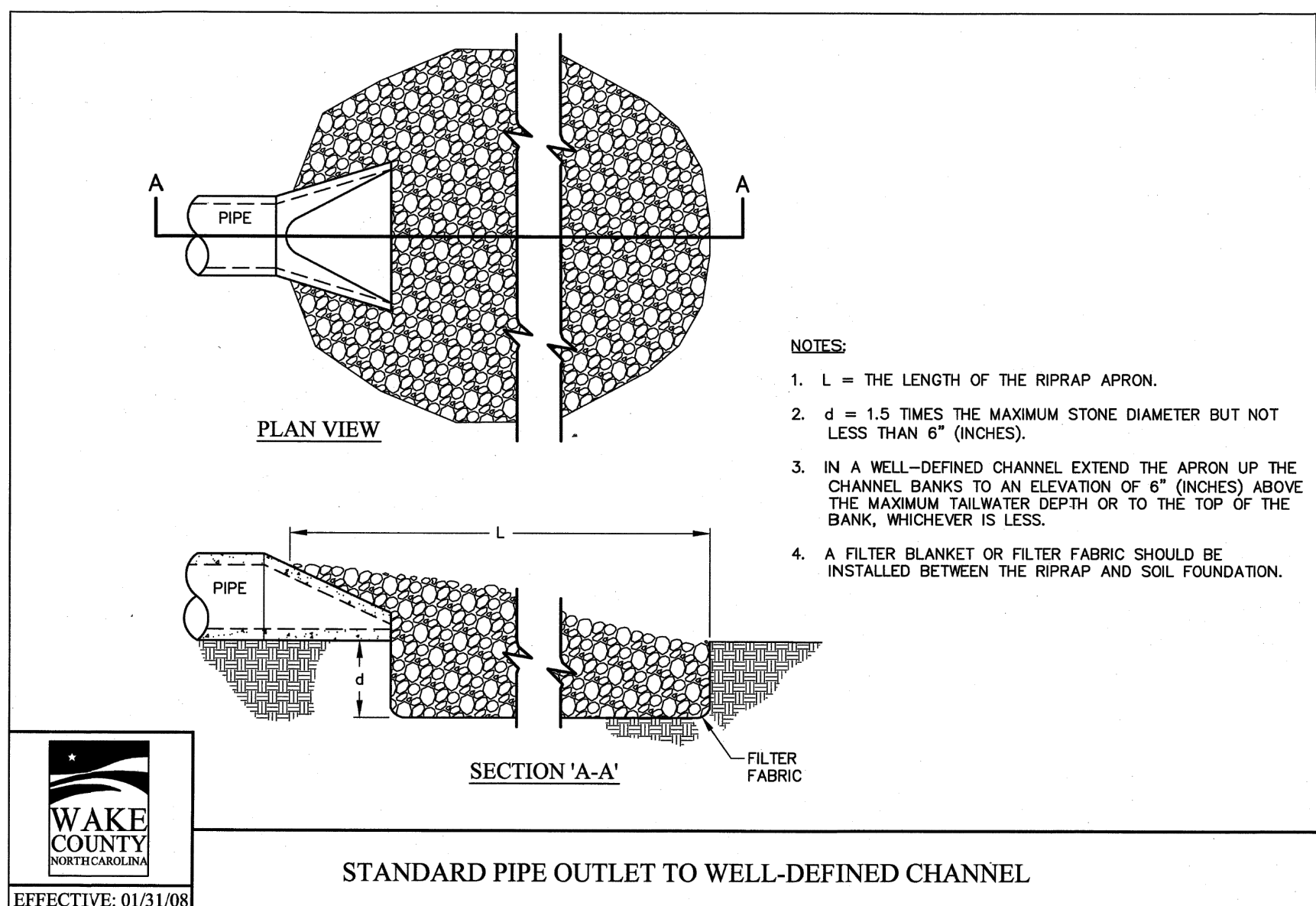
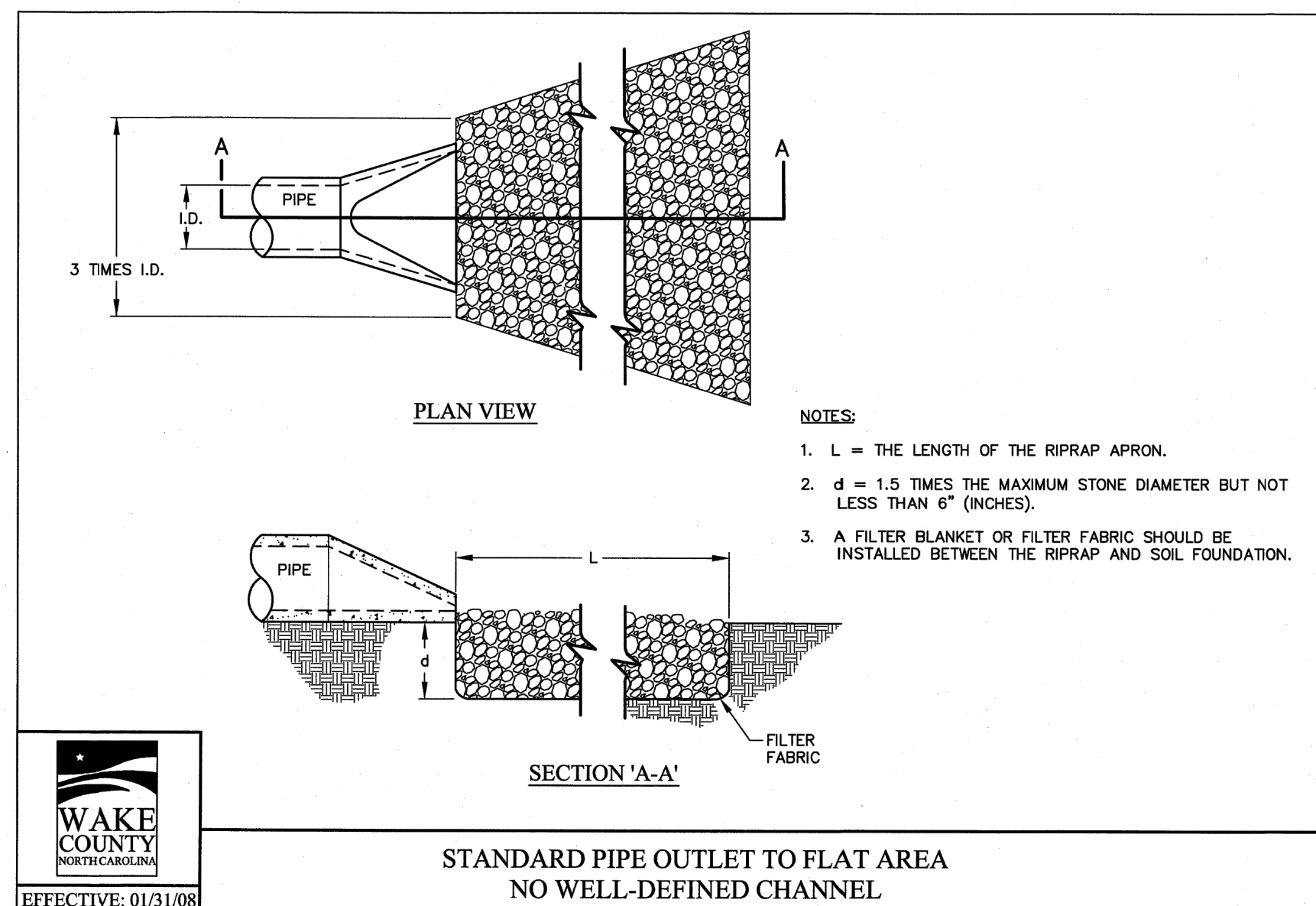
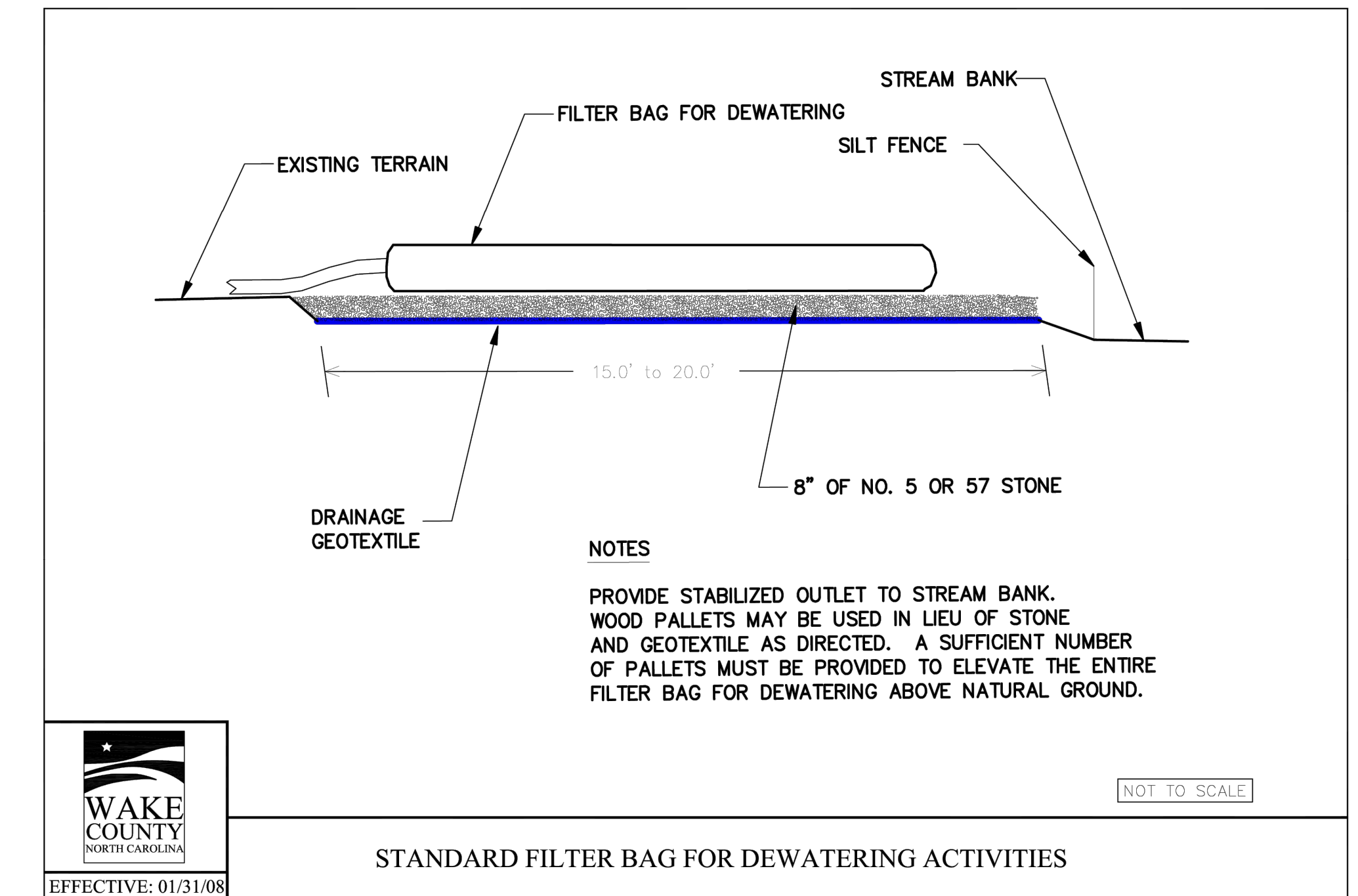
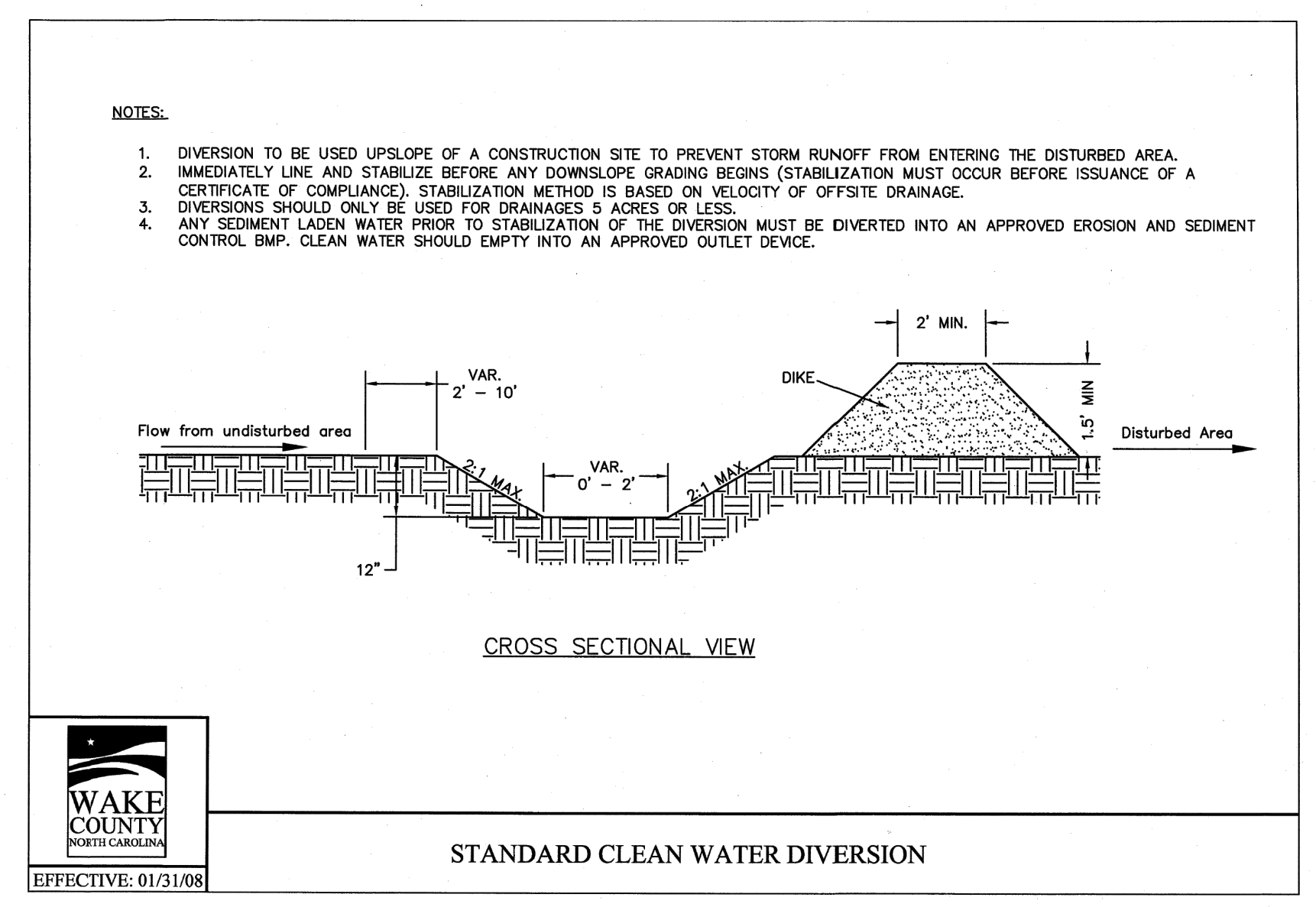
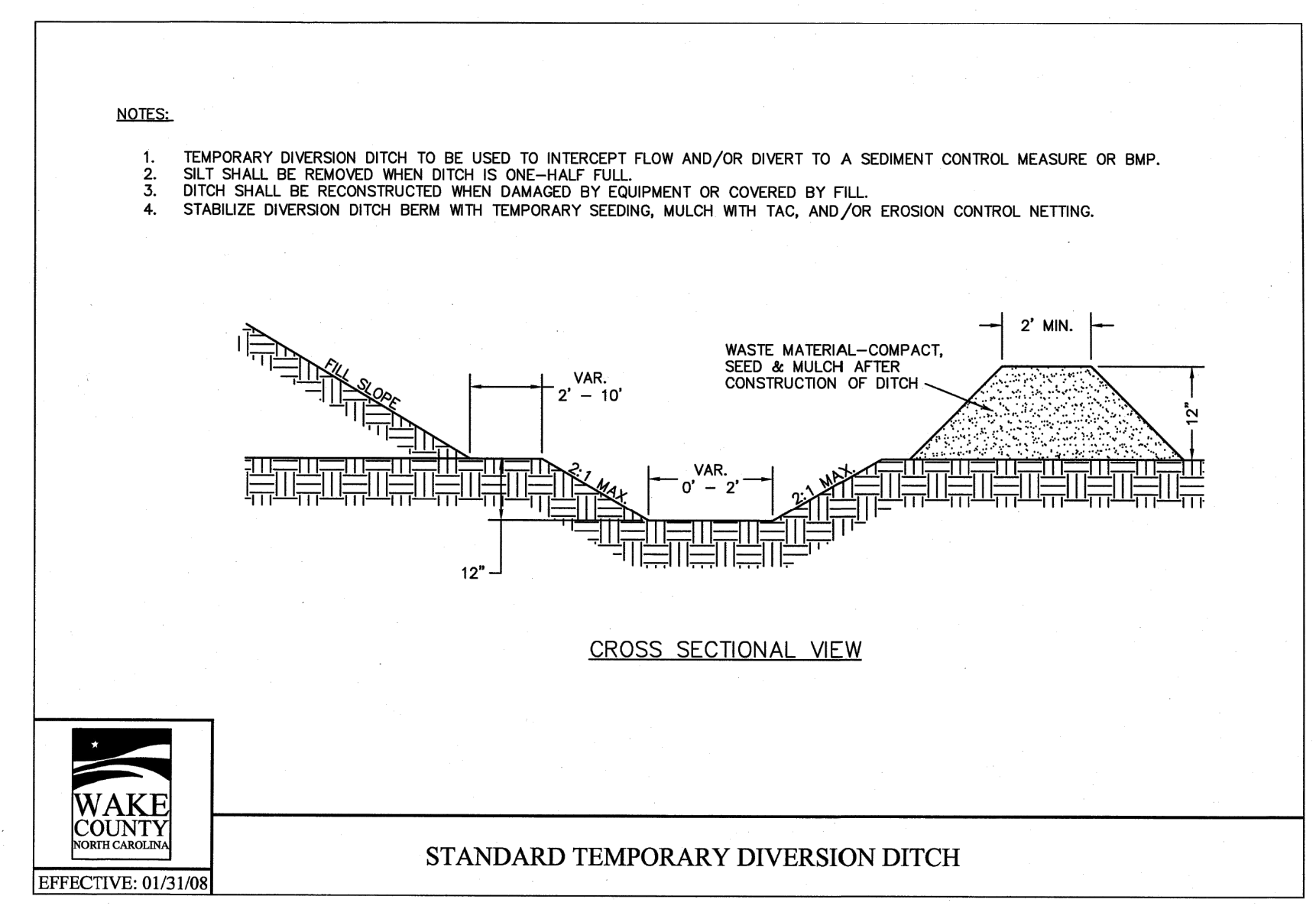
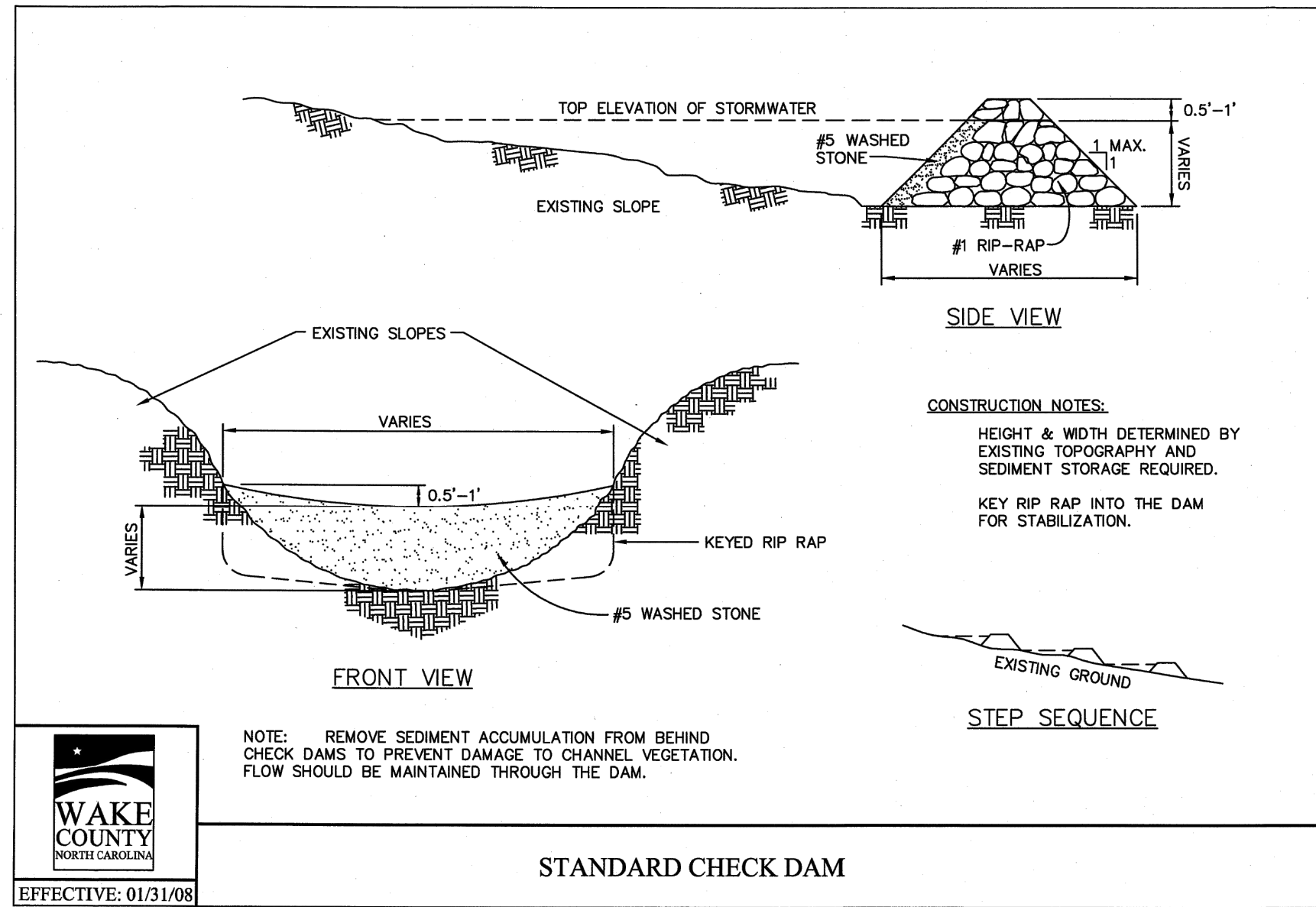
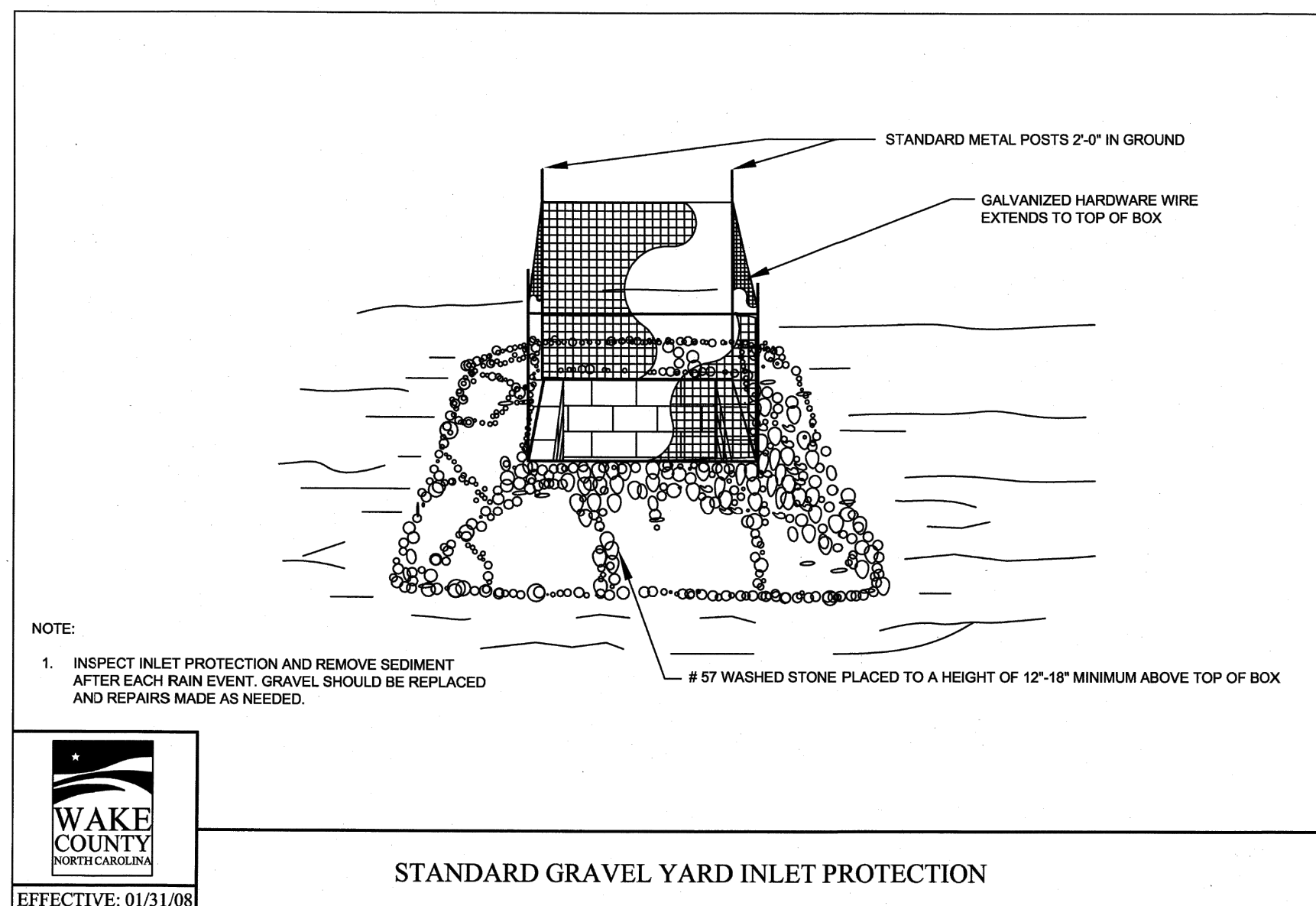
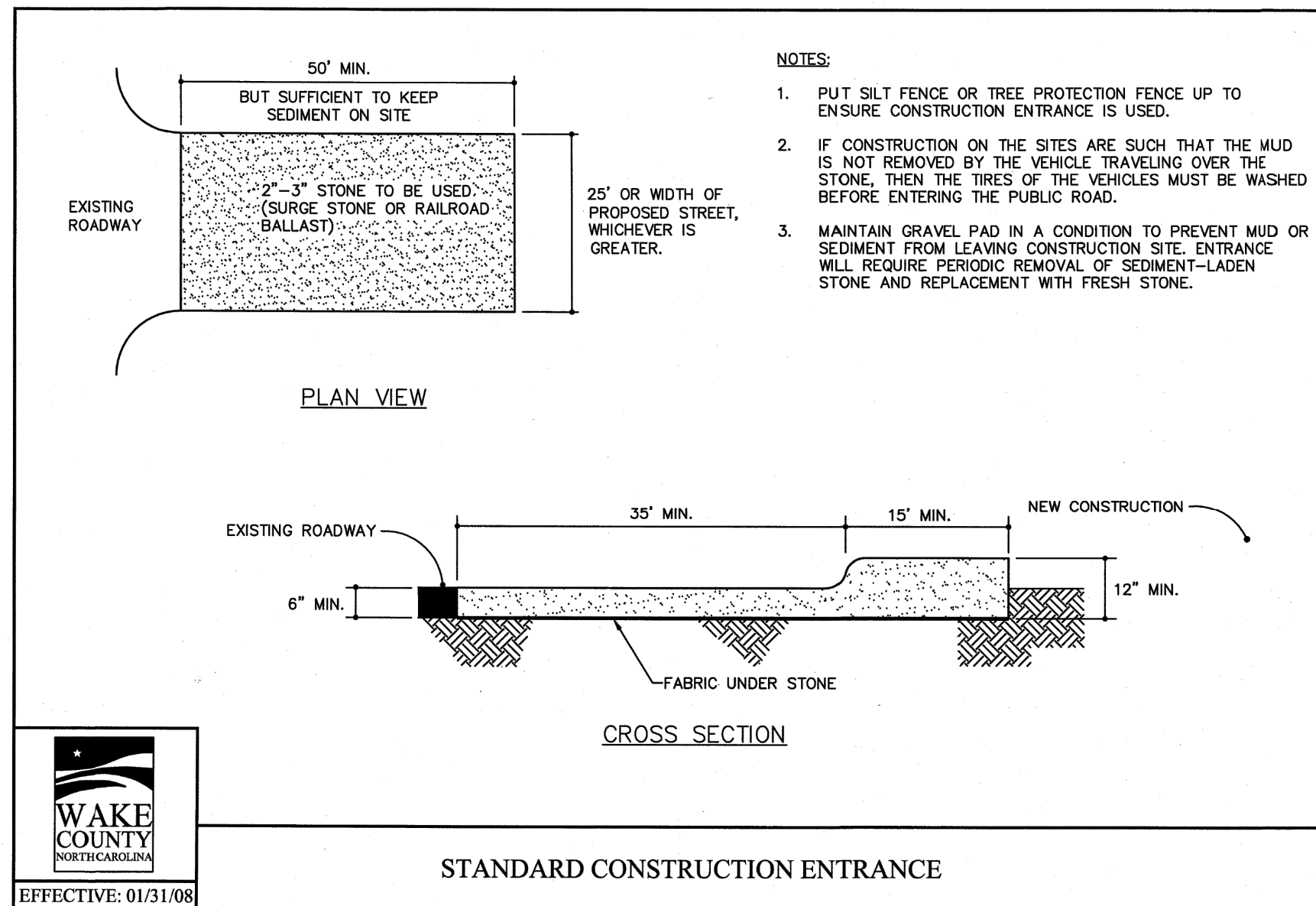
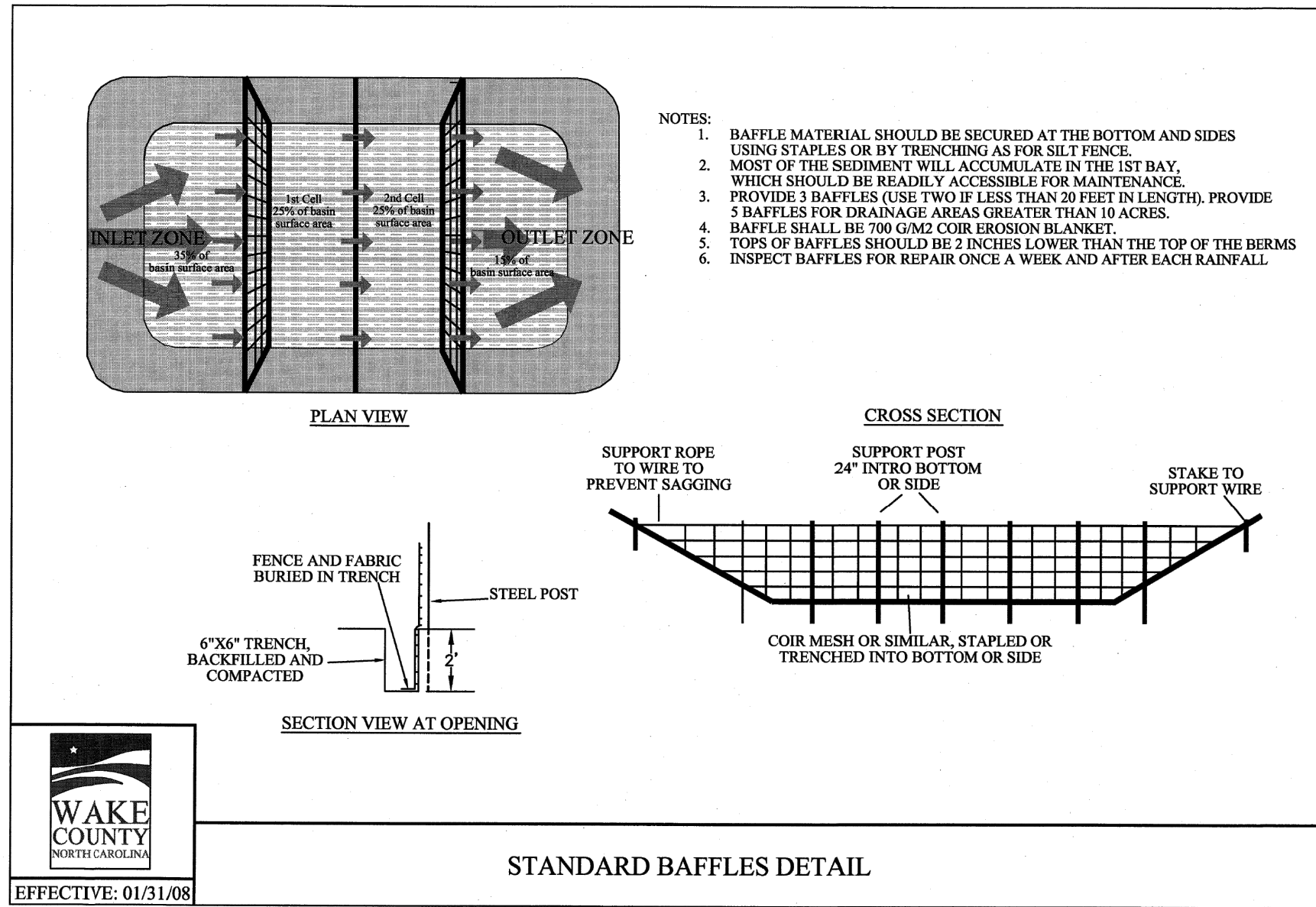
NOT FOR CONSTRUCTION

FILE NUMBER: 8430-03

DATE: 06/01/2023

C7-3

\\browgway.net\panzura\Regions\NCA\Projects\Lennar\8430-03 - DWG\PlanSheets\On-Site\C2-2 - EROS-DET1.dwg Layout: C8-2 EROSION CONTROL DETAILS (1 OF 2) Plotted: 6/1/2023 3:36:06 PM



PER TOWN OF ROLESVILLE COMMENT		INITIAL SUBMITTAL
06/01/2023	REV	04/03/2023

DESIGNED BY: DF/CD
DRAWN BY: DF/JWM
REVIEWED BY: DF

BCE
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM
NC LICENSE #C-4397

LENNAR CORPORATION
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

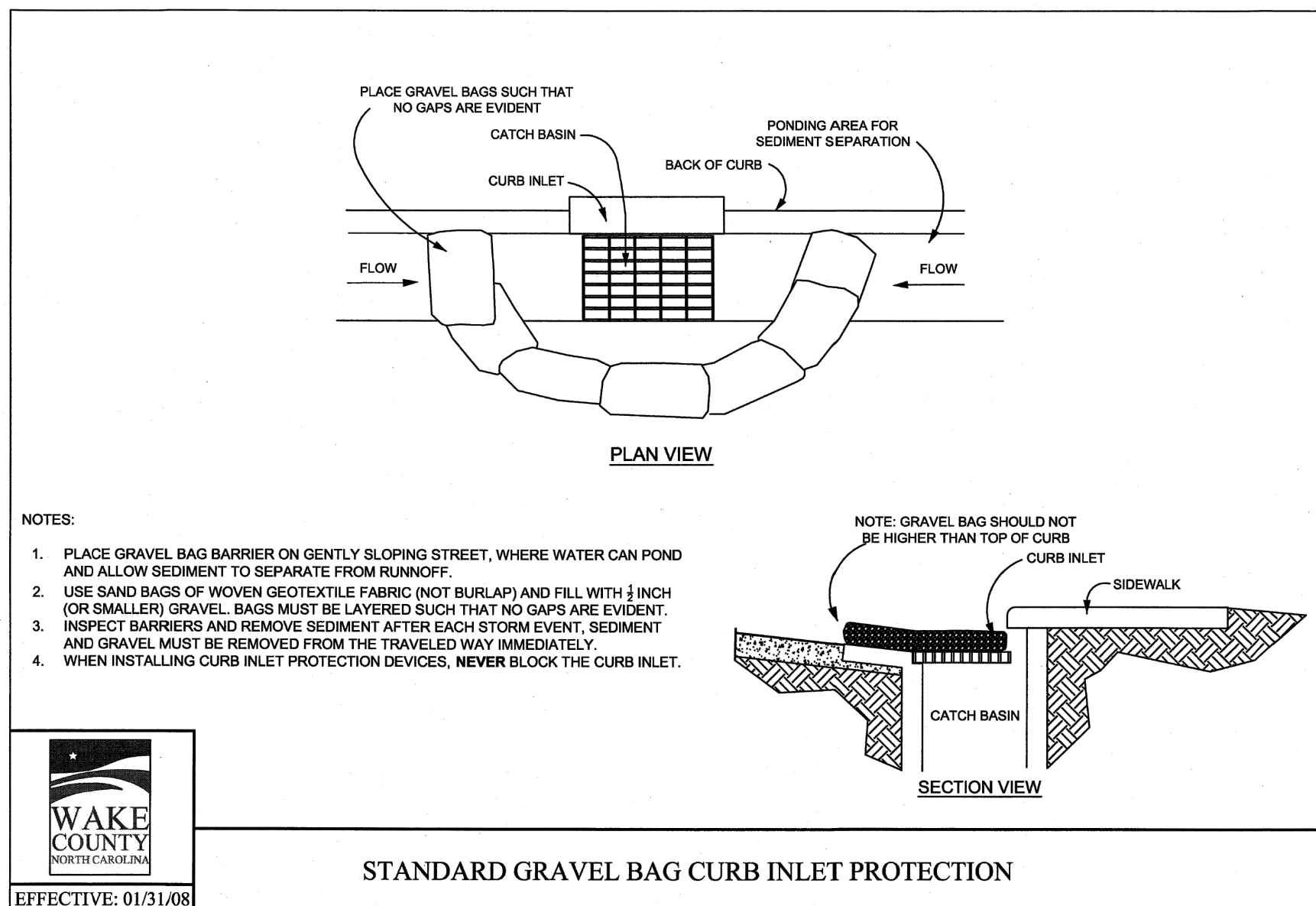
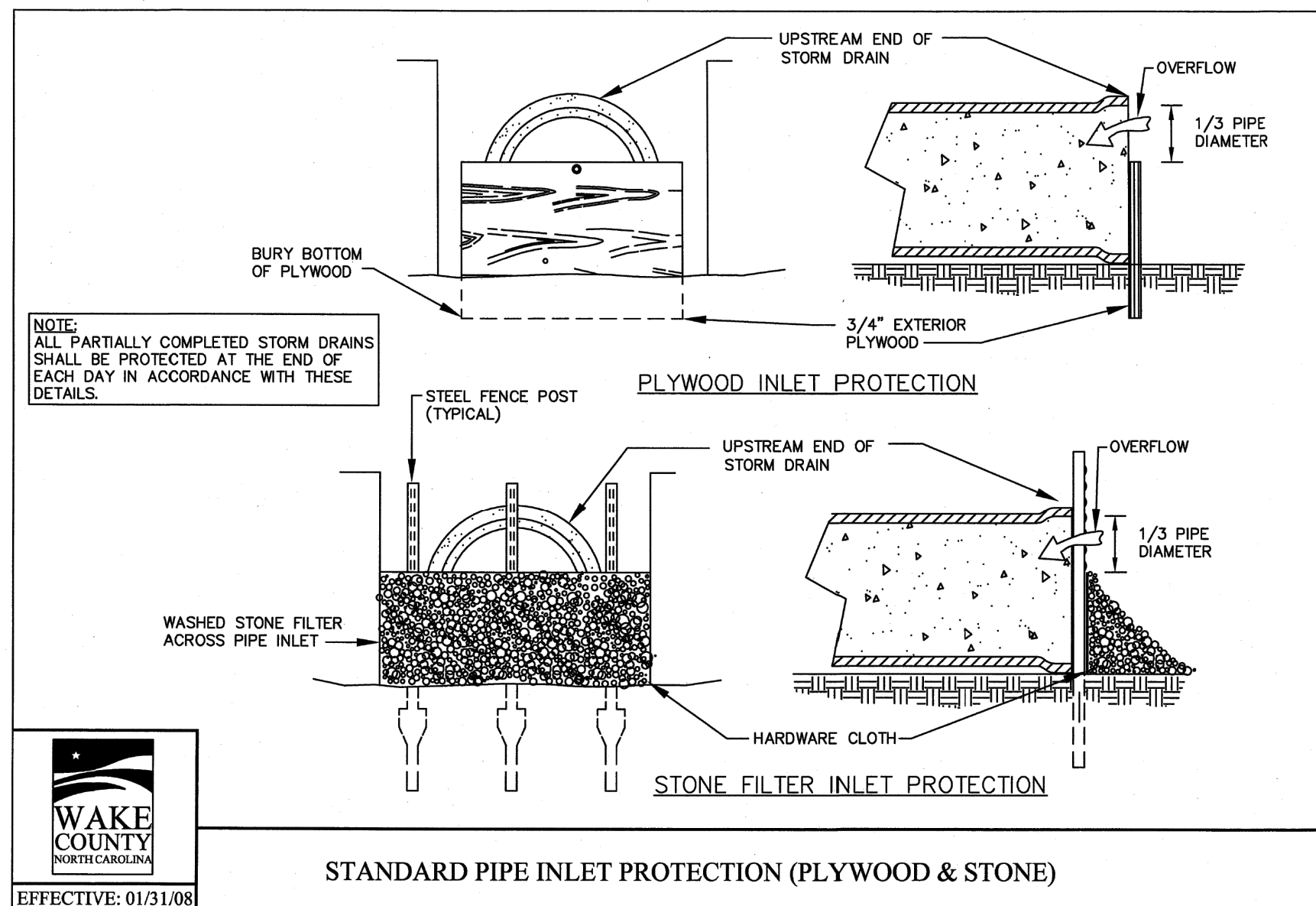
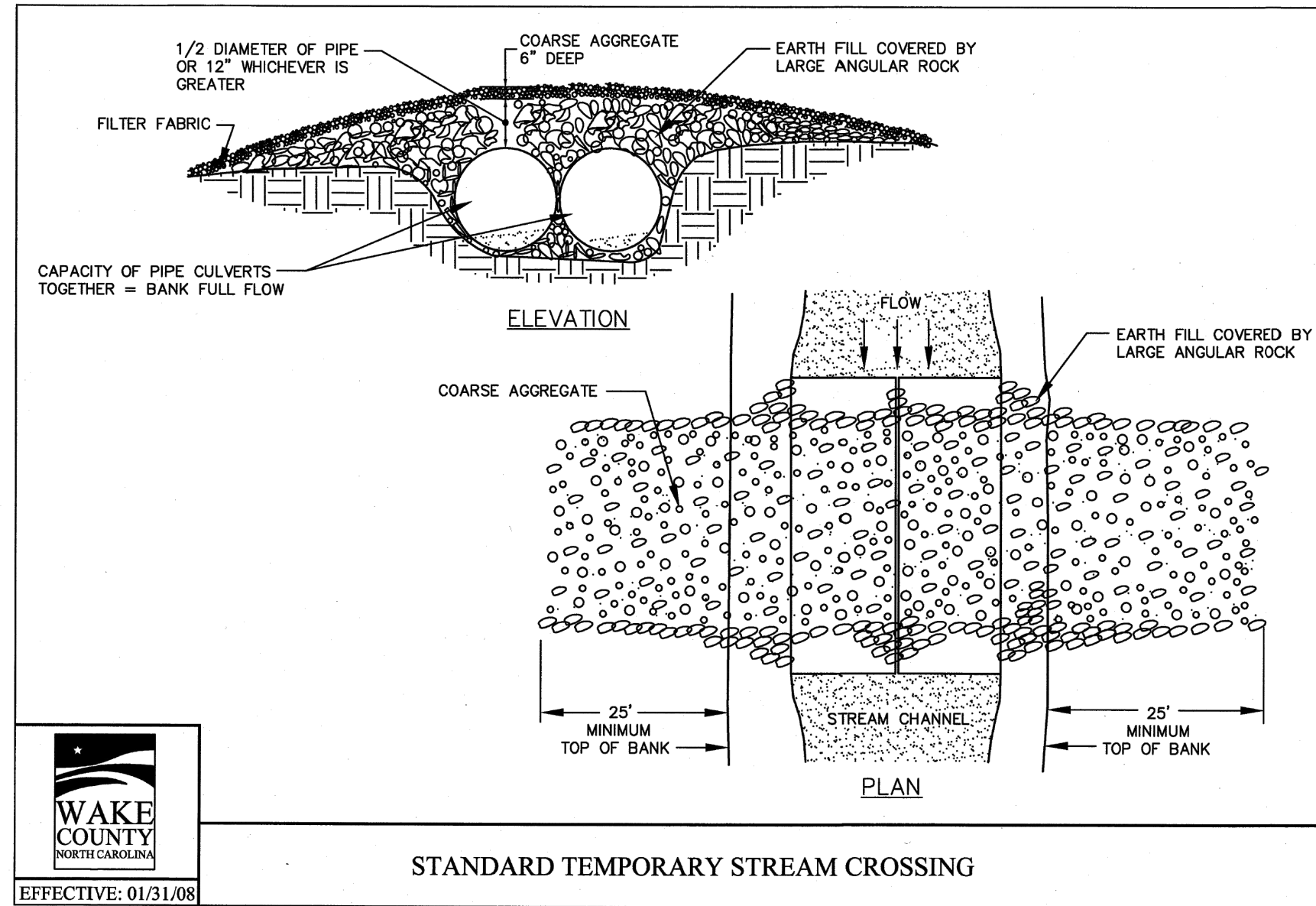
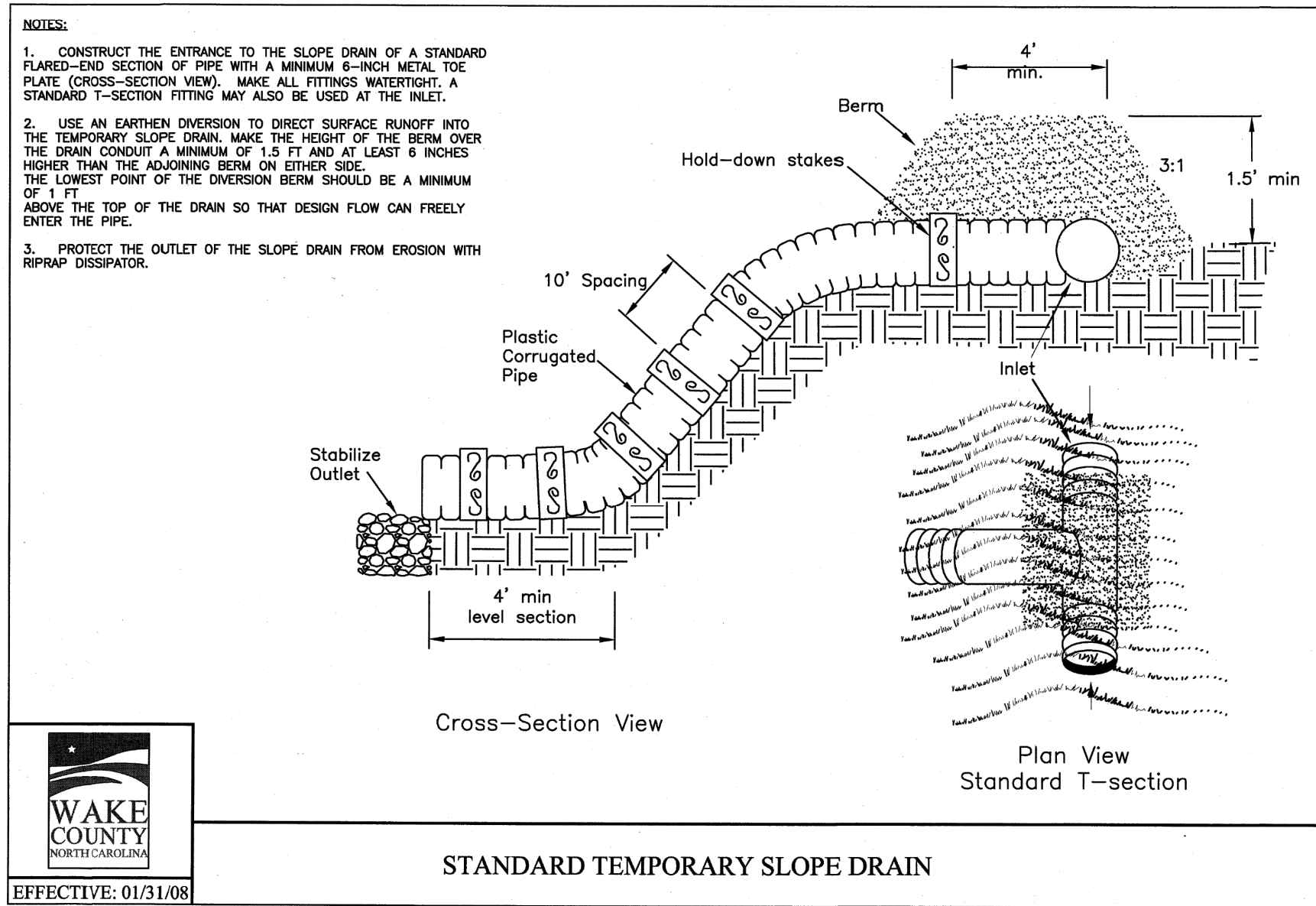
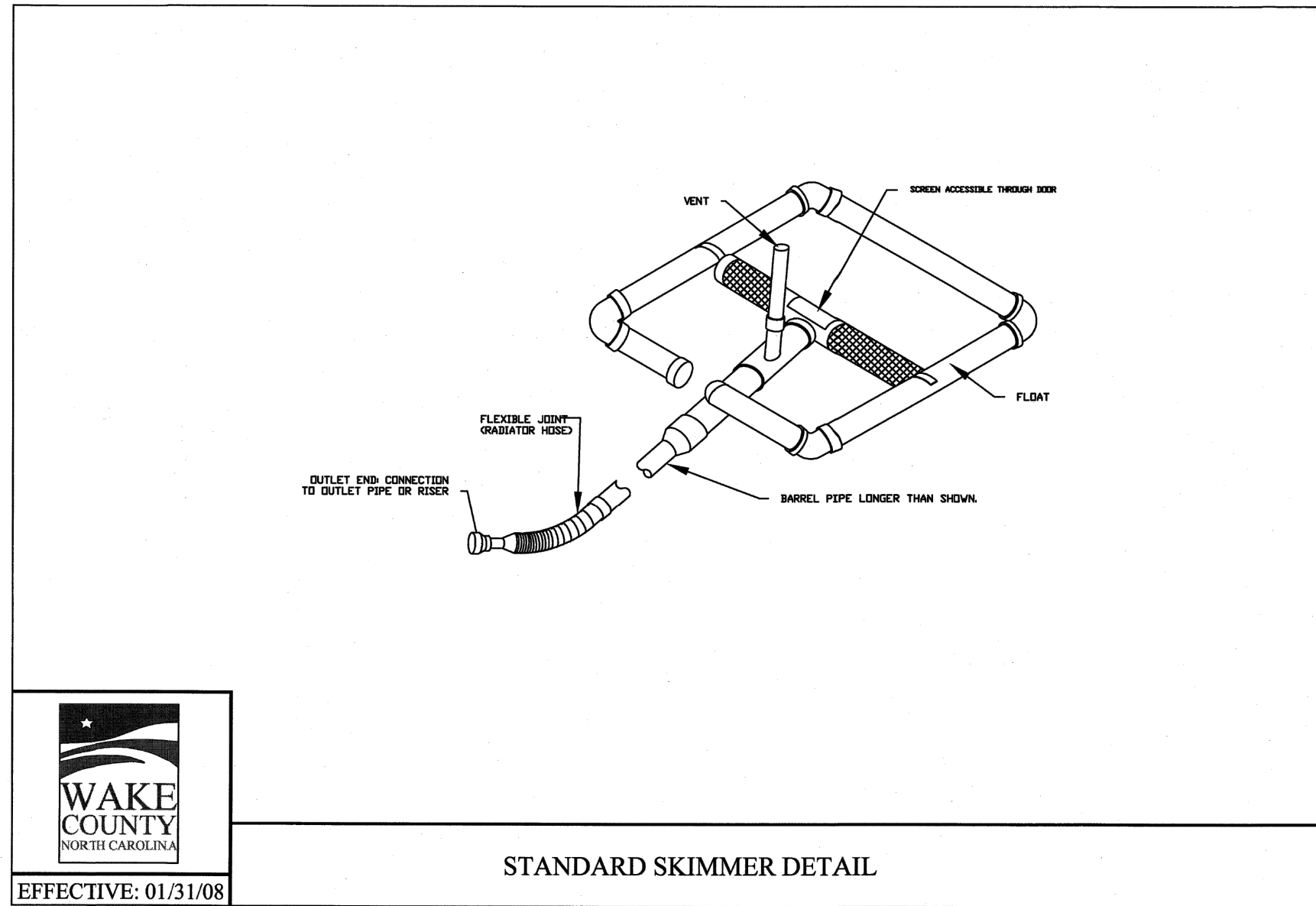
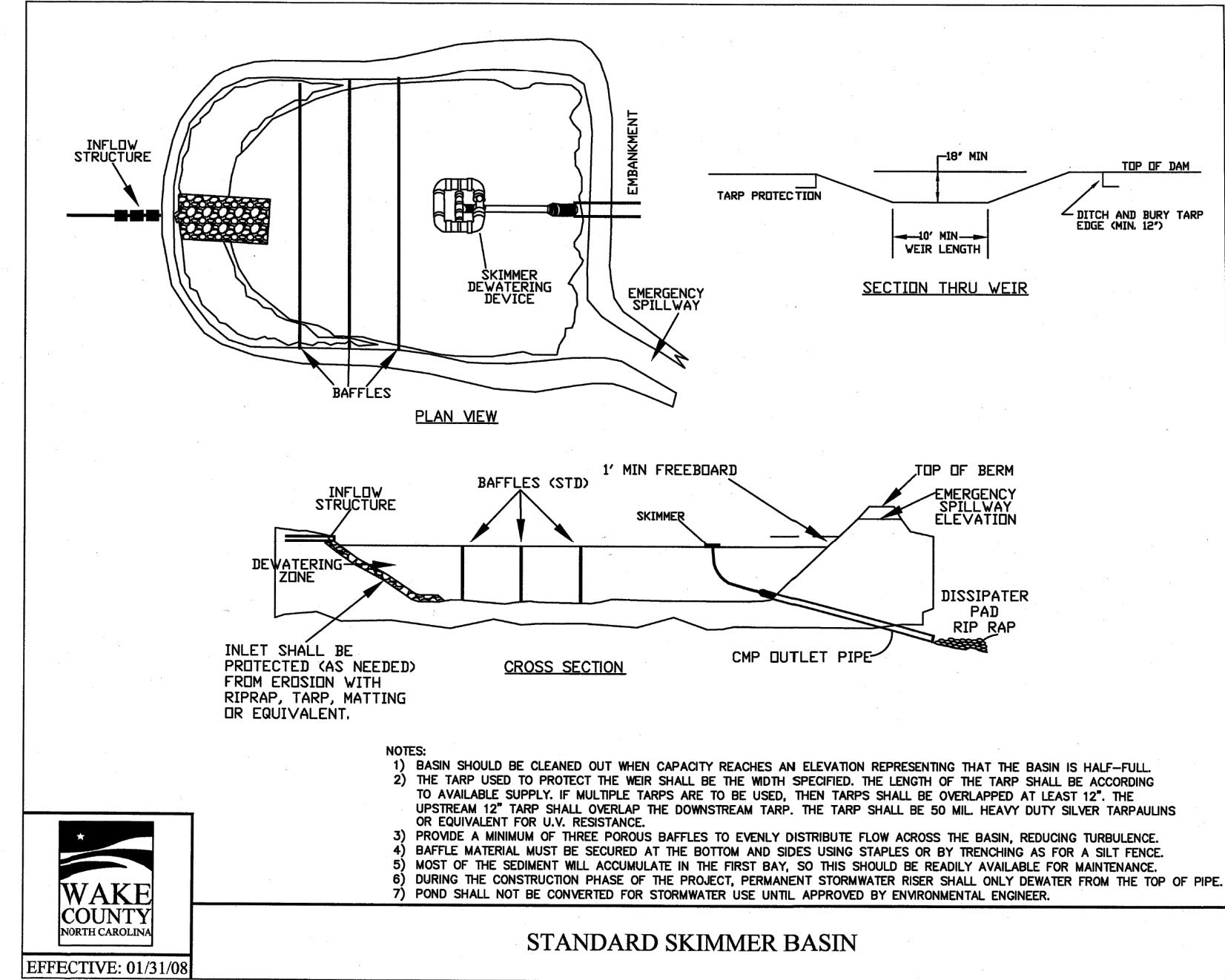
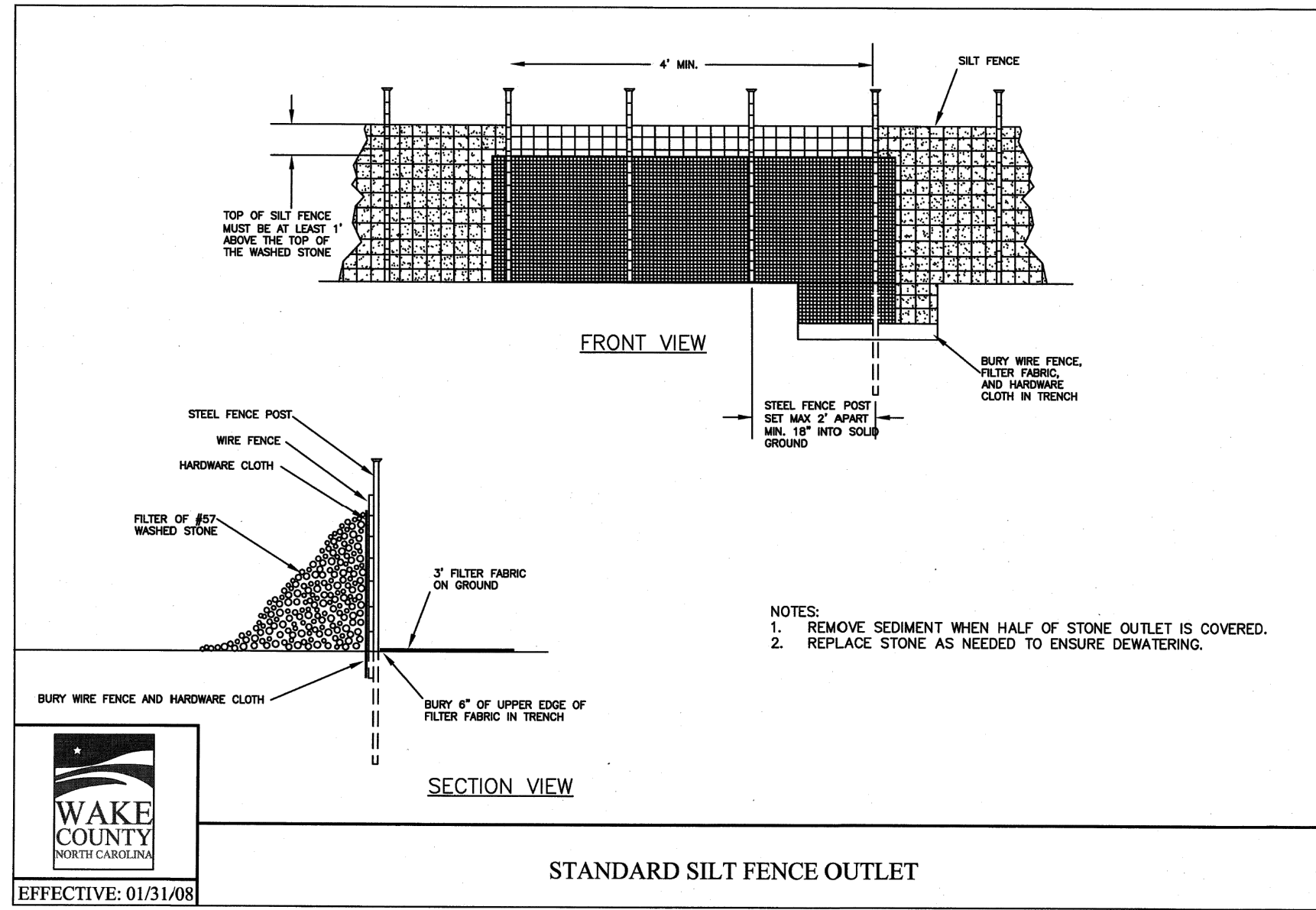
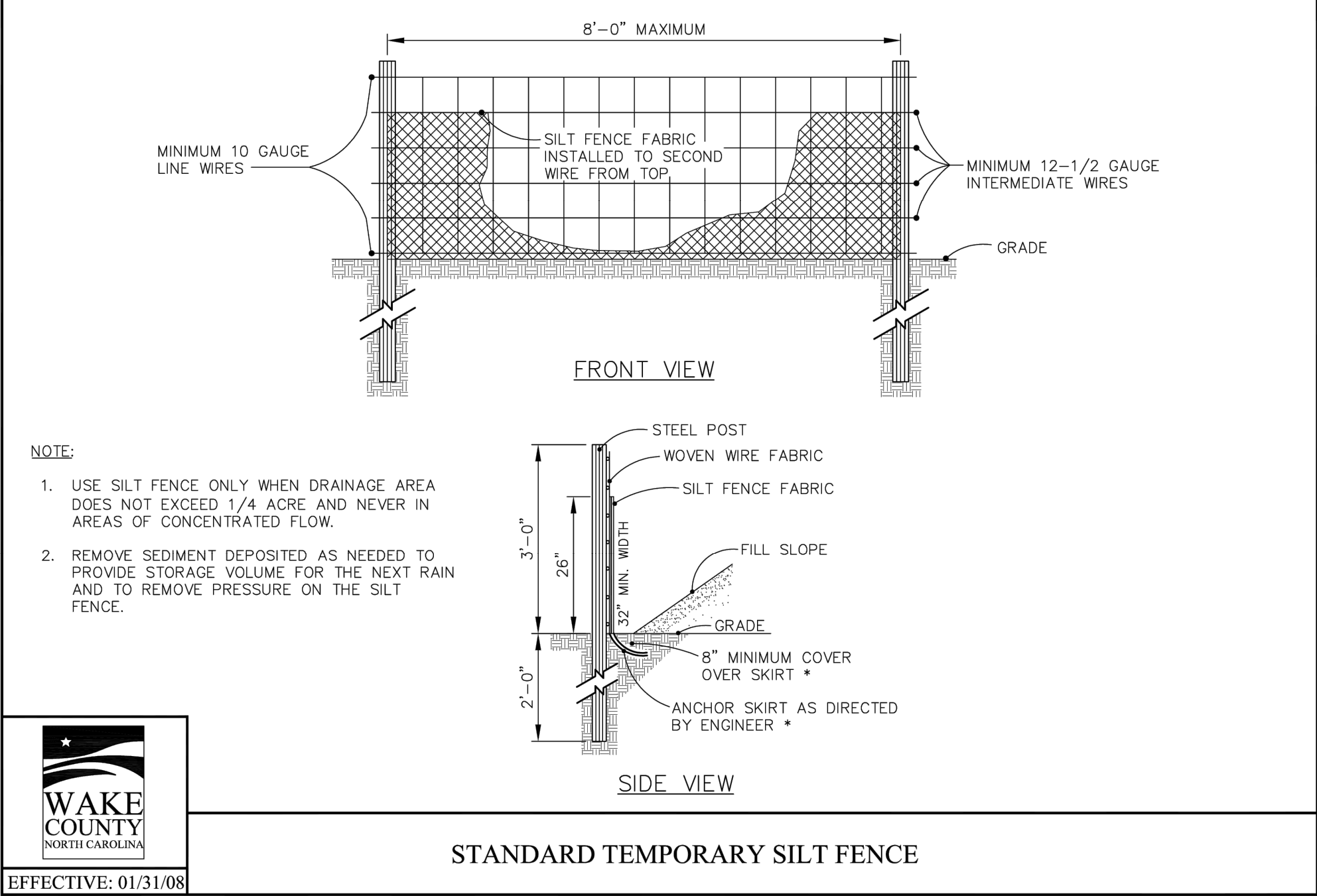
EROSION CONTROL DETAILS (1 OF 2)

PRELIMINARY
ENGINEER
FEDRA M. FERNANDEZ
NOT FOR CONSTRUCTION

FILE NUMBER: 8430-03
DATE: 06/01/2023
C8-2

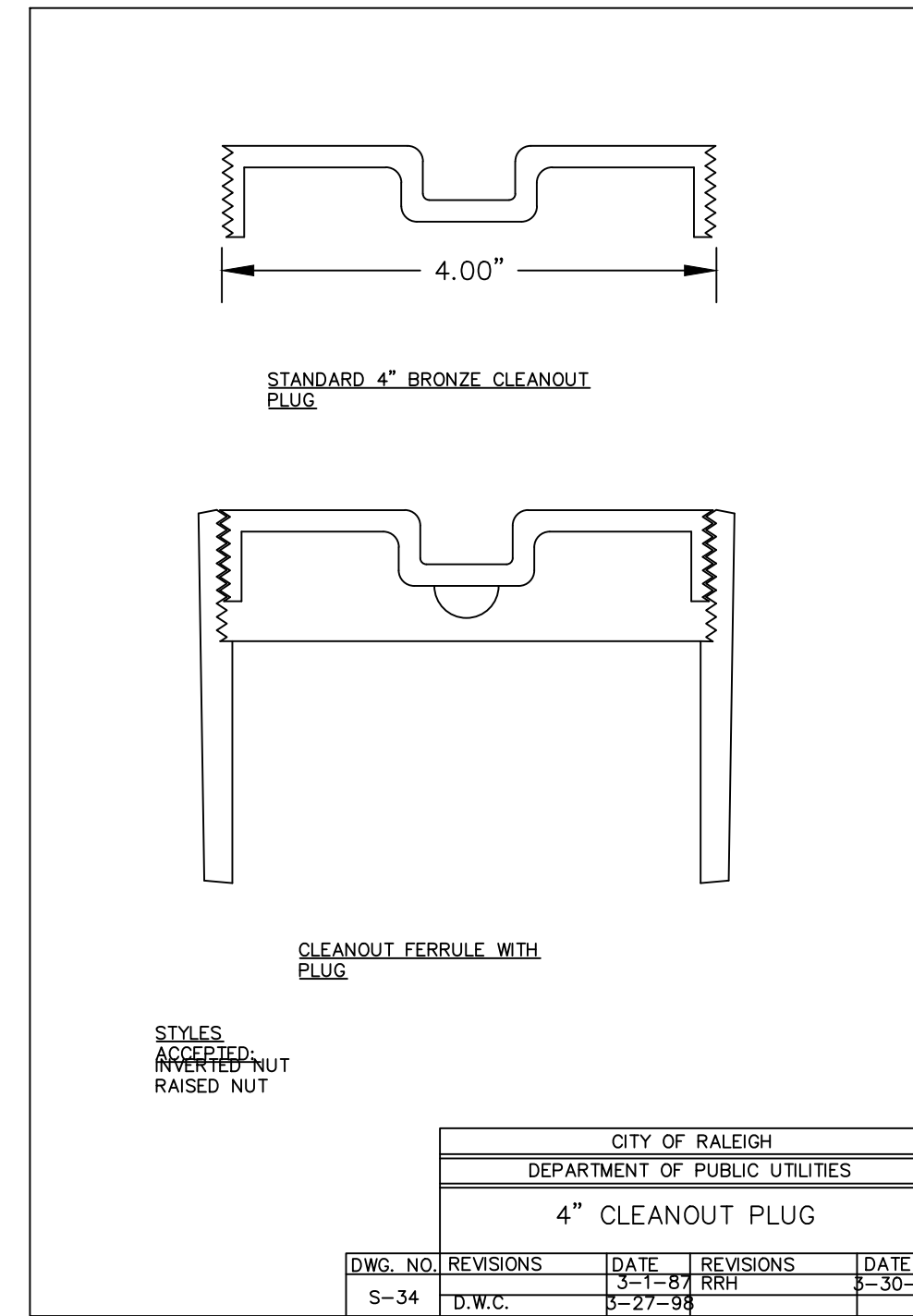
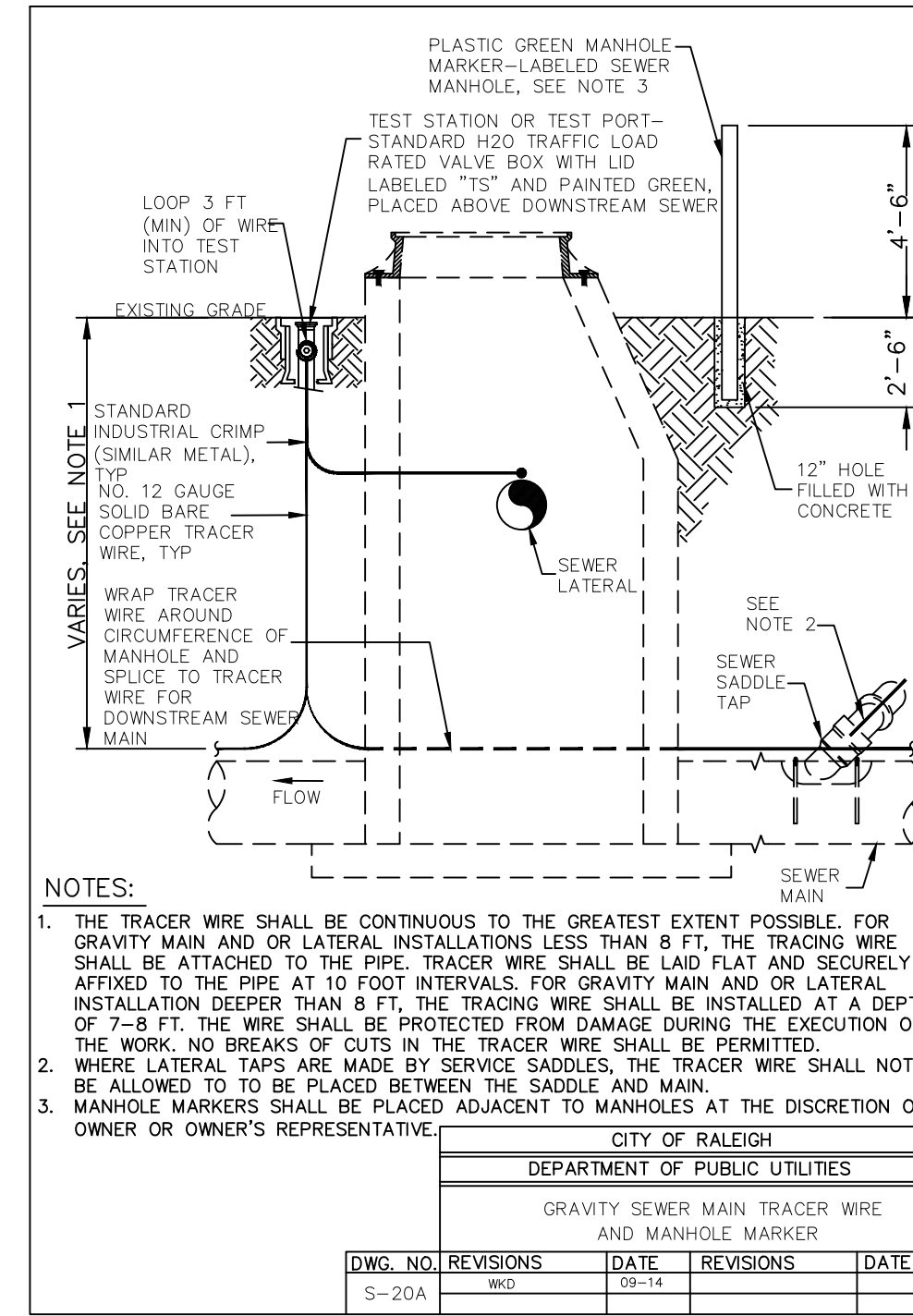
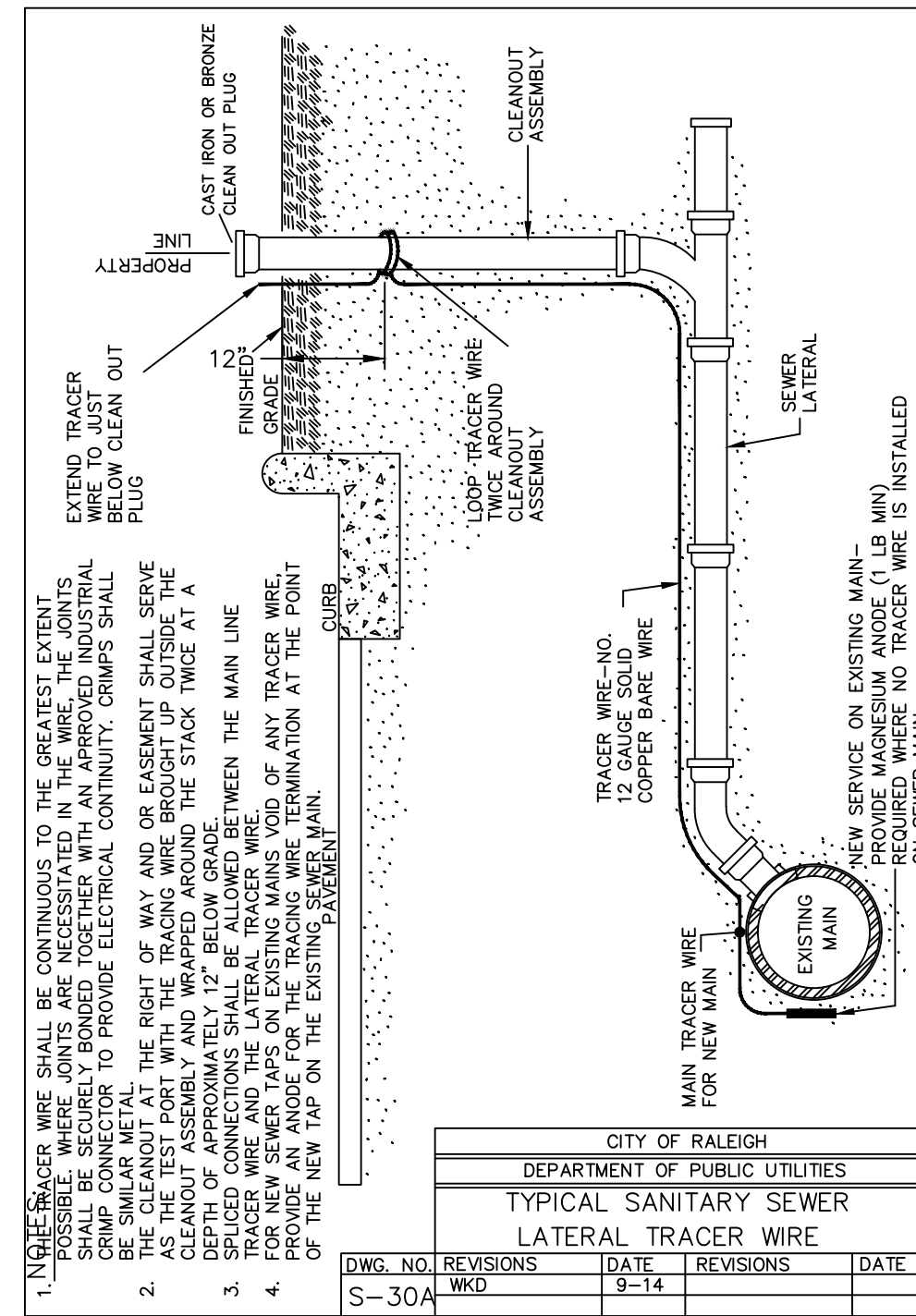
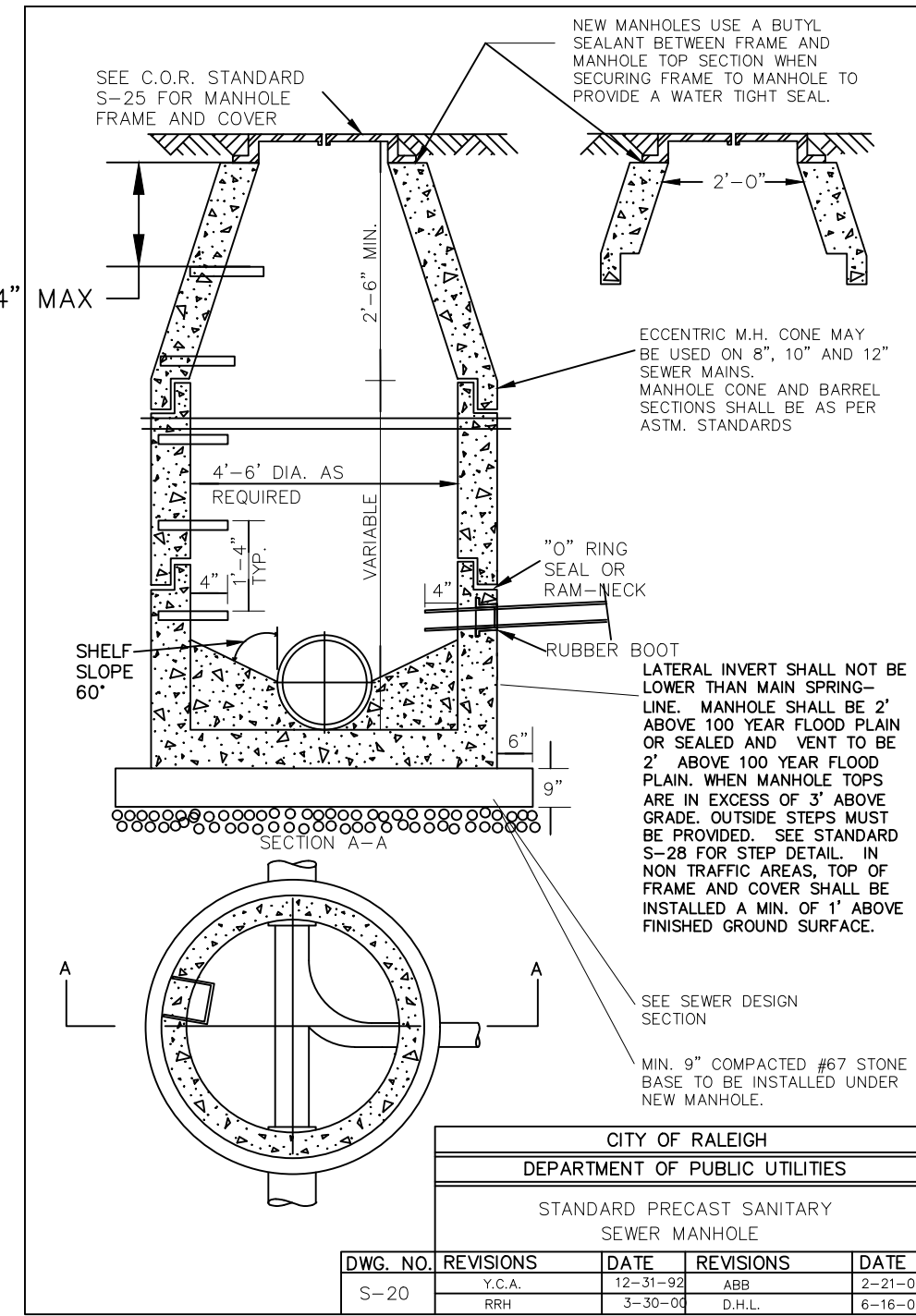
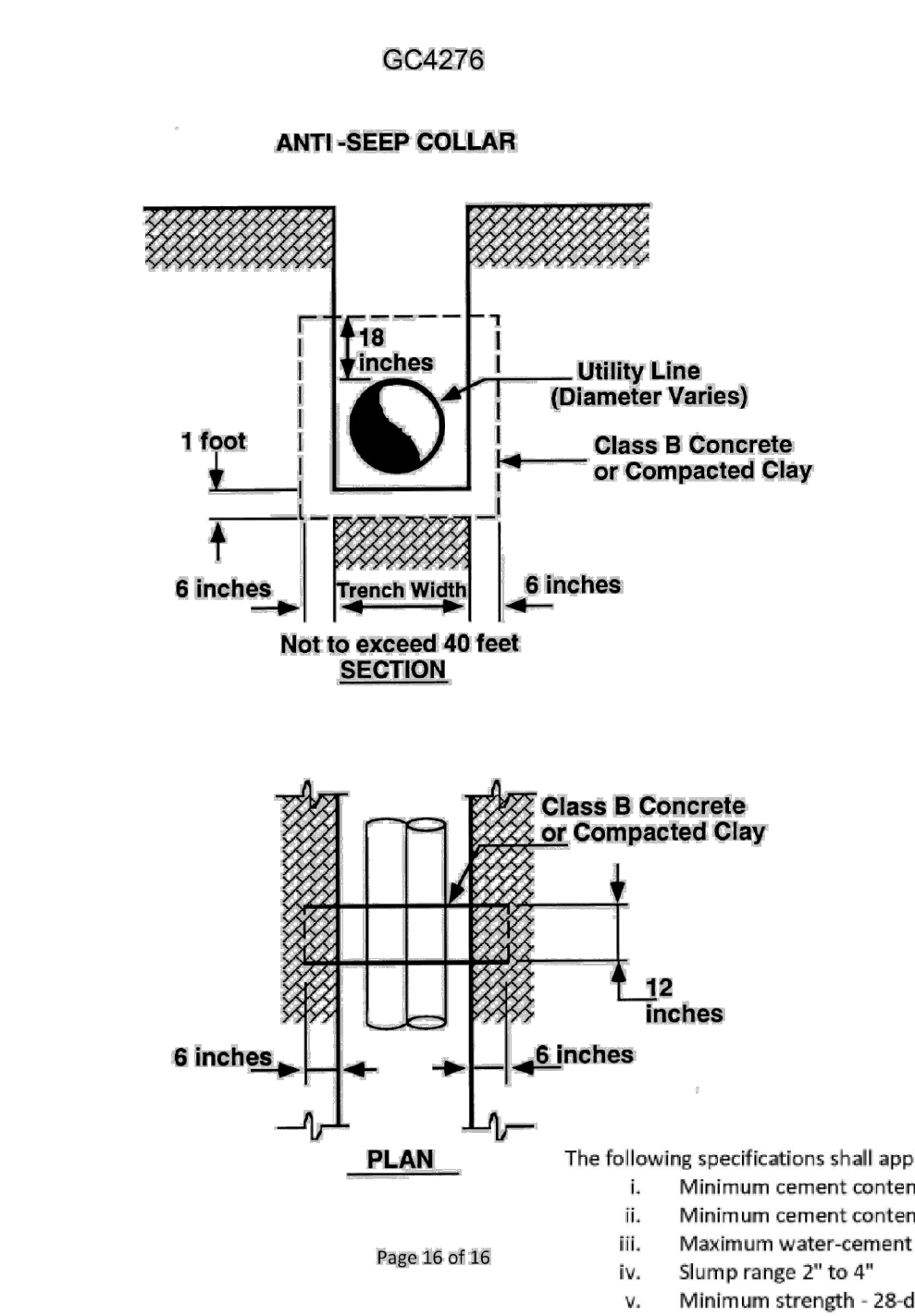
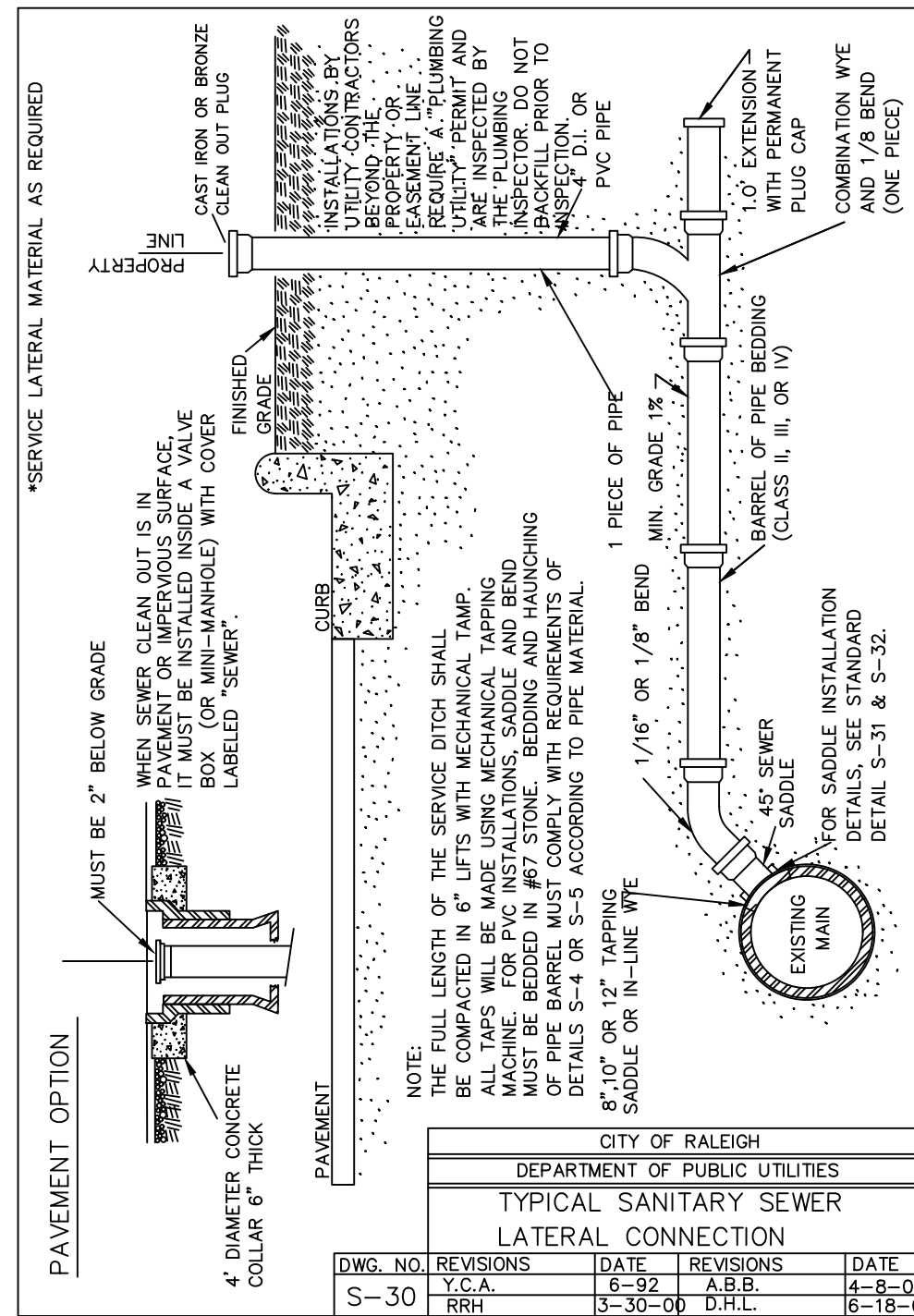
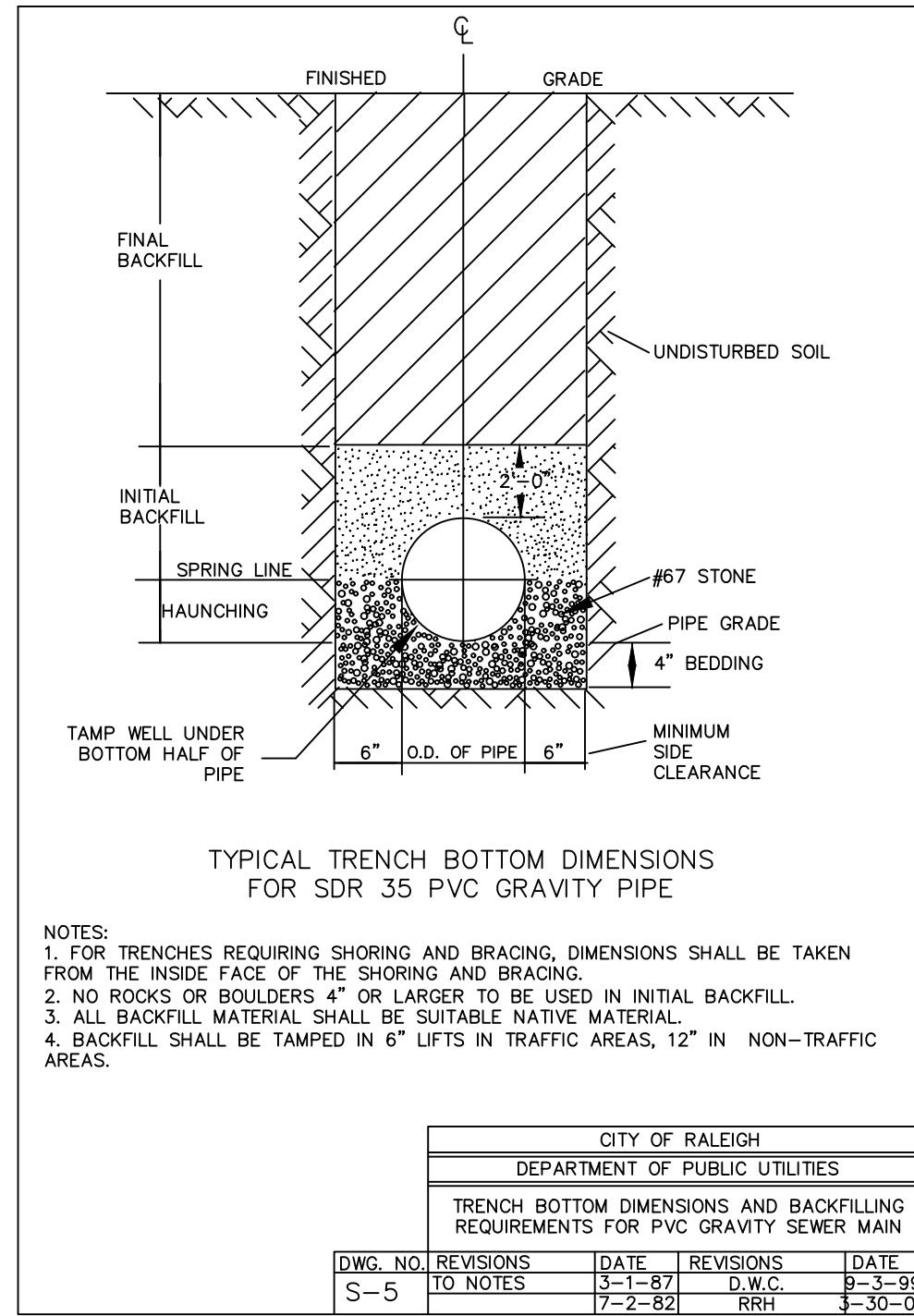
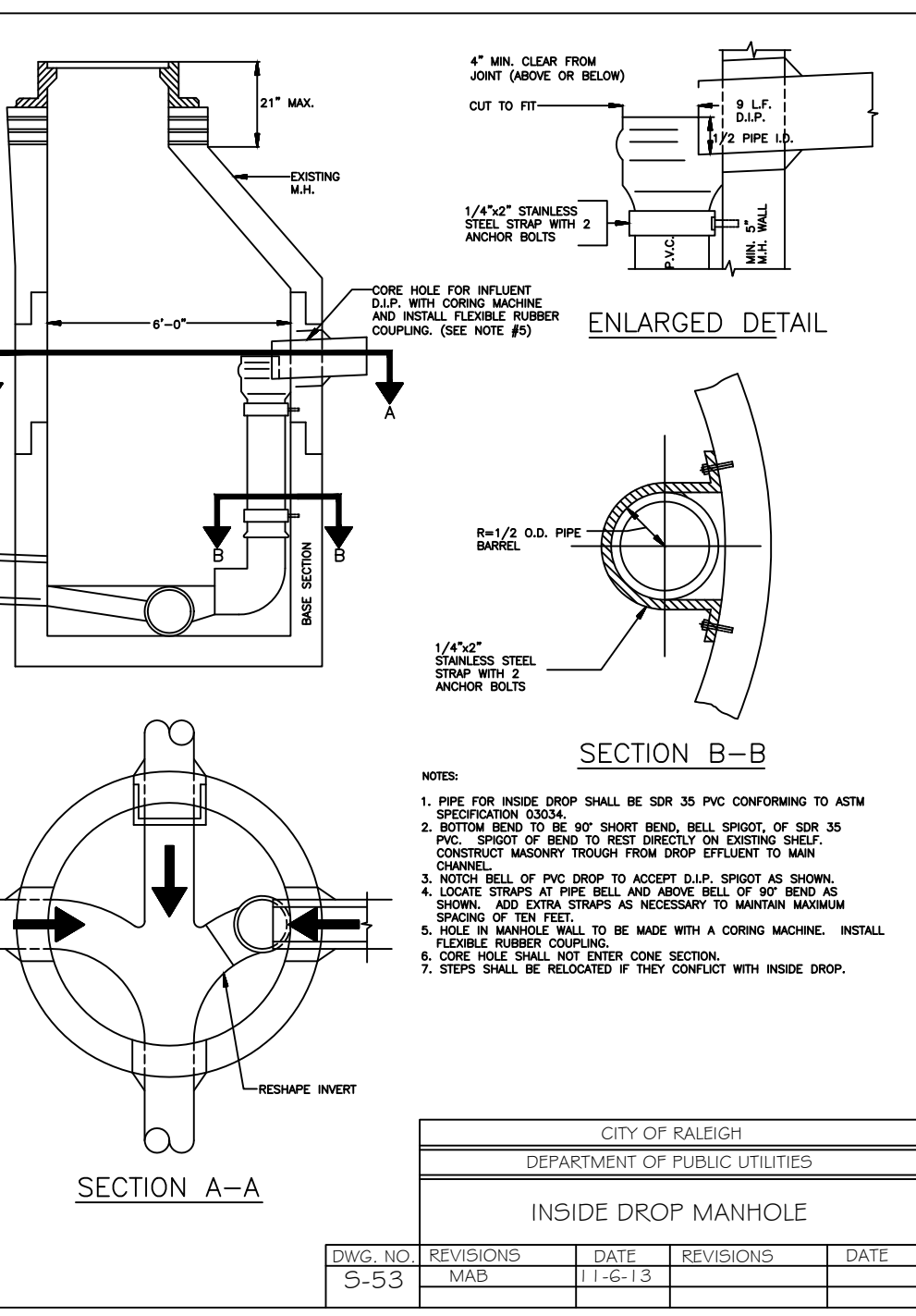
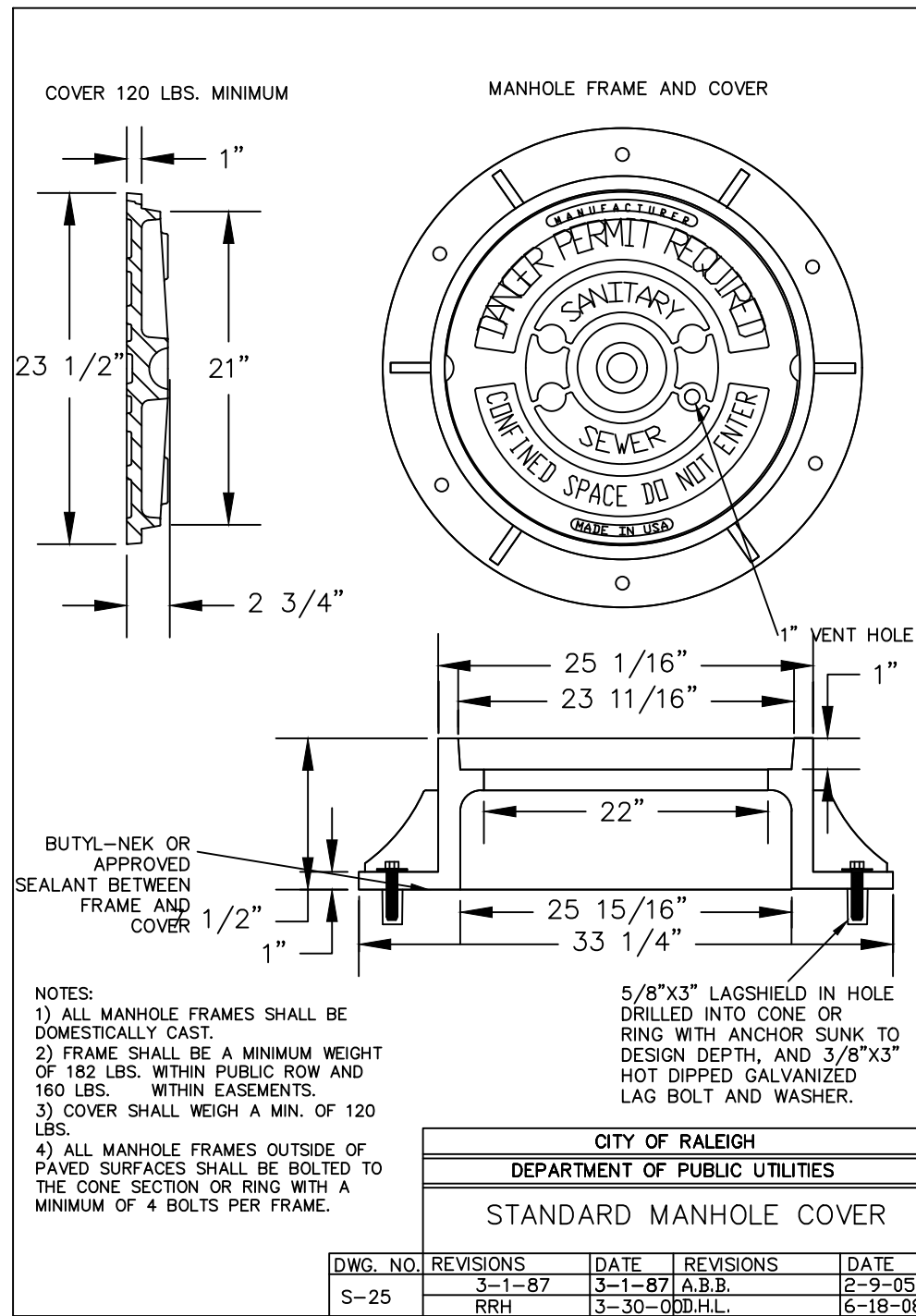
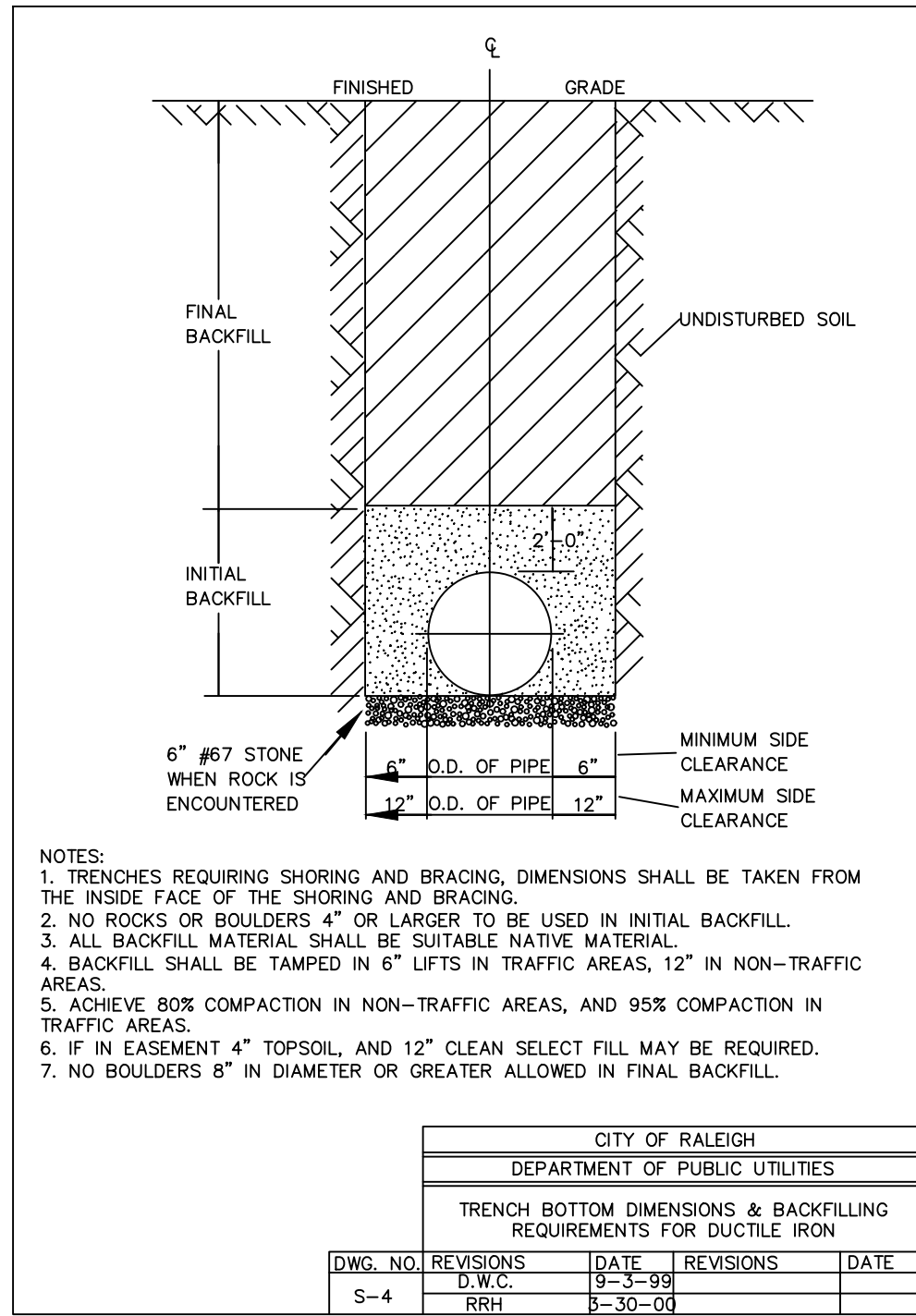
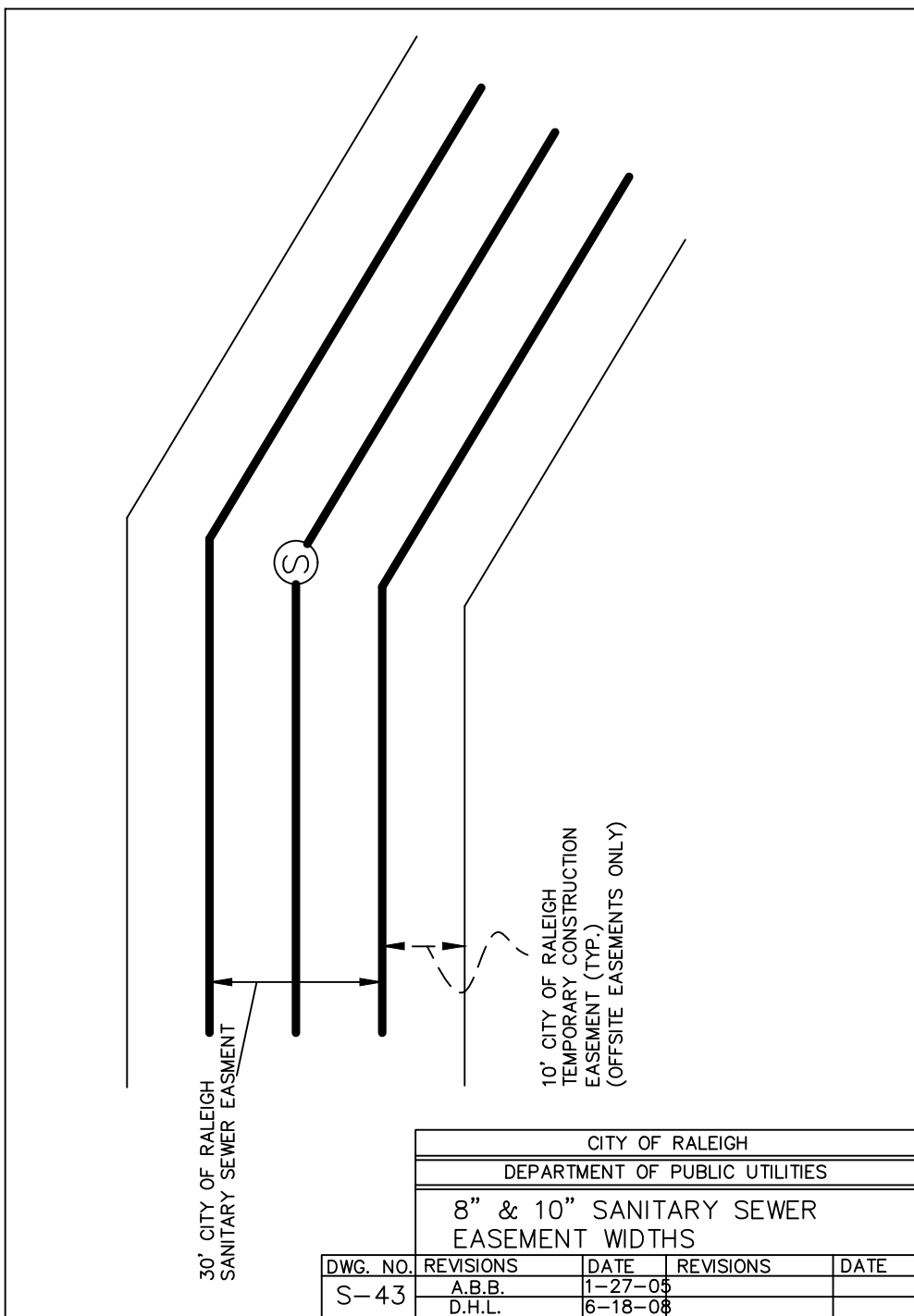
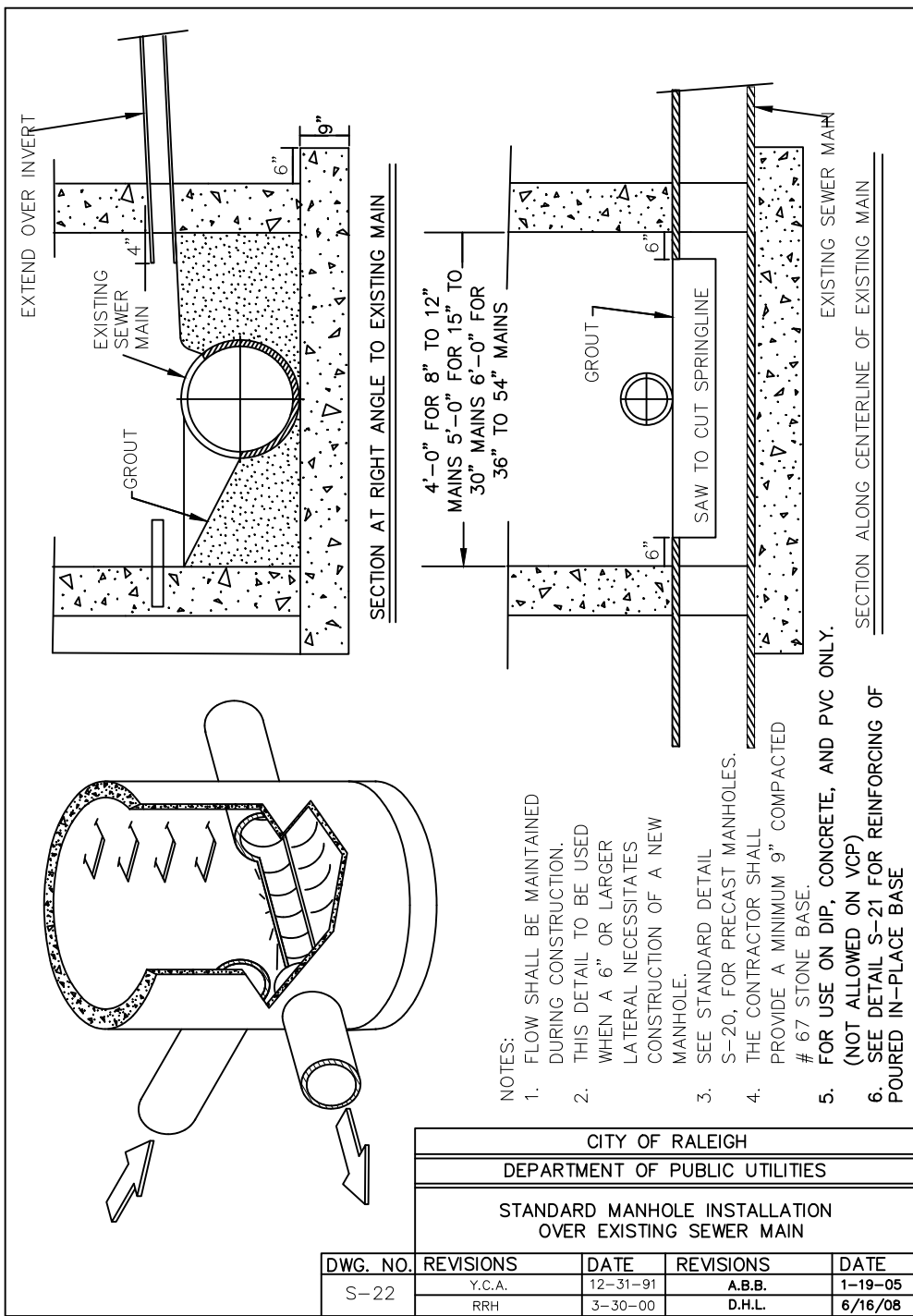
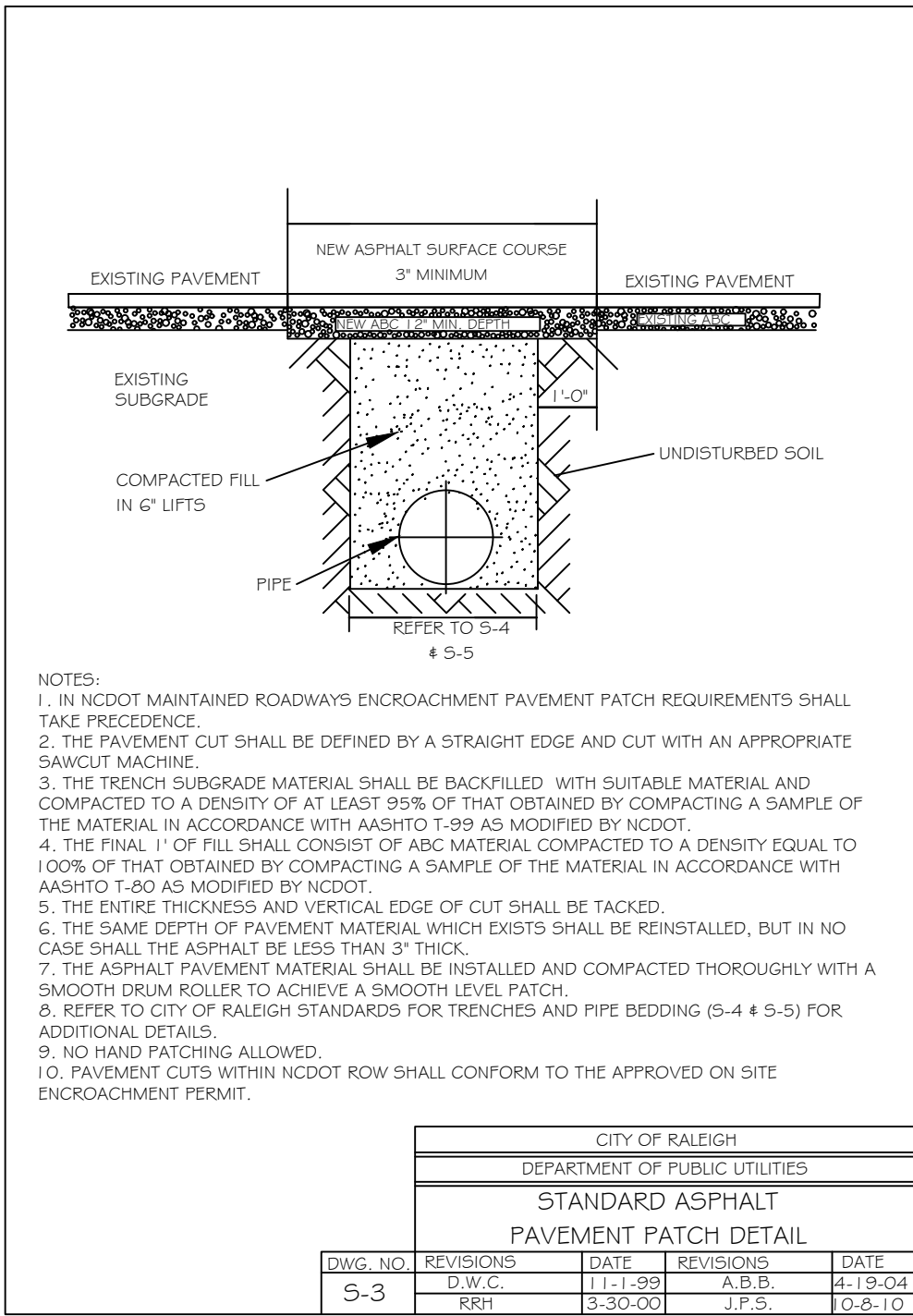


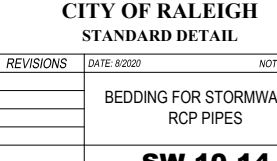
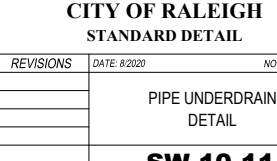
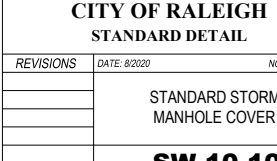
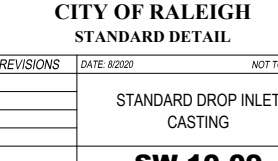
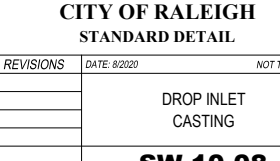
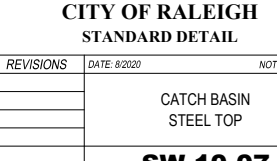
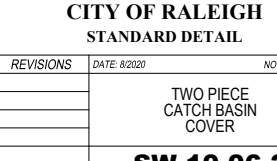
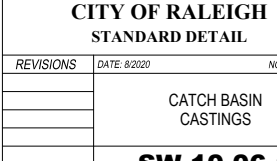
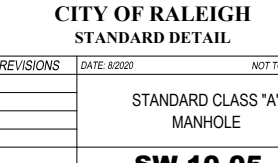
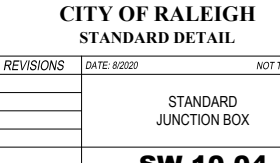
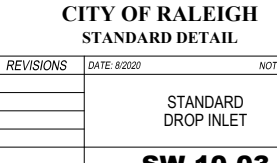
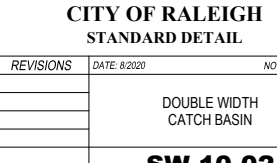
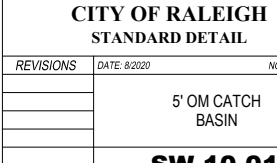
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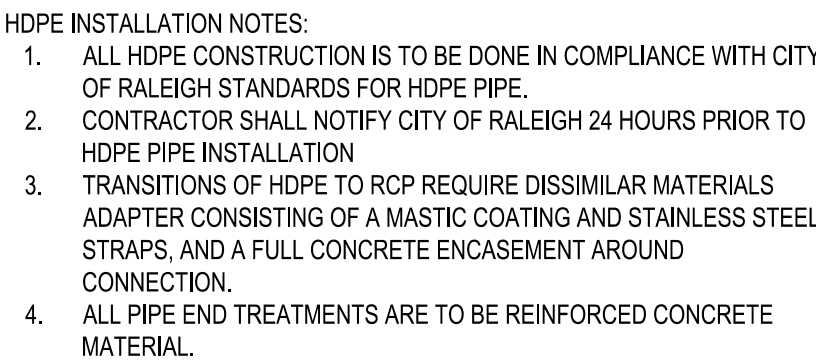
PER TOWN OF ROLESVILLE COMMENT		06/01/2023	04/03/2023	INITIAL SUBMITTAL	
DESIGNED BY:	DF/CD	DRAWN BY:	DF/JWM	REVIEWED BY:	DF
BCE		5440 WADE PARK BLVD, SUITE 102 RALEIGH NC 27607 WWW.BCEINC.COM NC LICENSE #C-4397		Lennar CORPORAION 1100 PERIMETER PARK DRIVE, SUITE 112 MORRISVILLE / NORTH CAROLINA / 27560	
PARKER RIDGE 82 SCHOOL STREET ROLESVILLE / NORTH CAROLINA / 27571		EROSION CONTROL DETAILS (2 OF 2)		PRELIMINARY ENGINEER FEDRA M. FERNANDEZ NOT FOR CONSTRUCTION FILE NUMBER: 8430-03 DATE: 06/01/2023 C8-3	

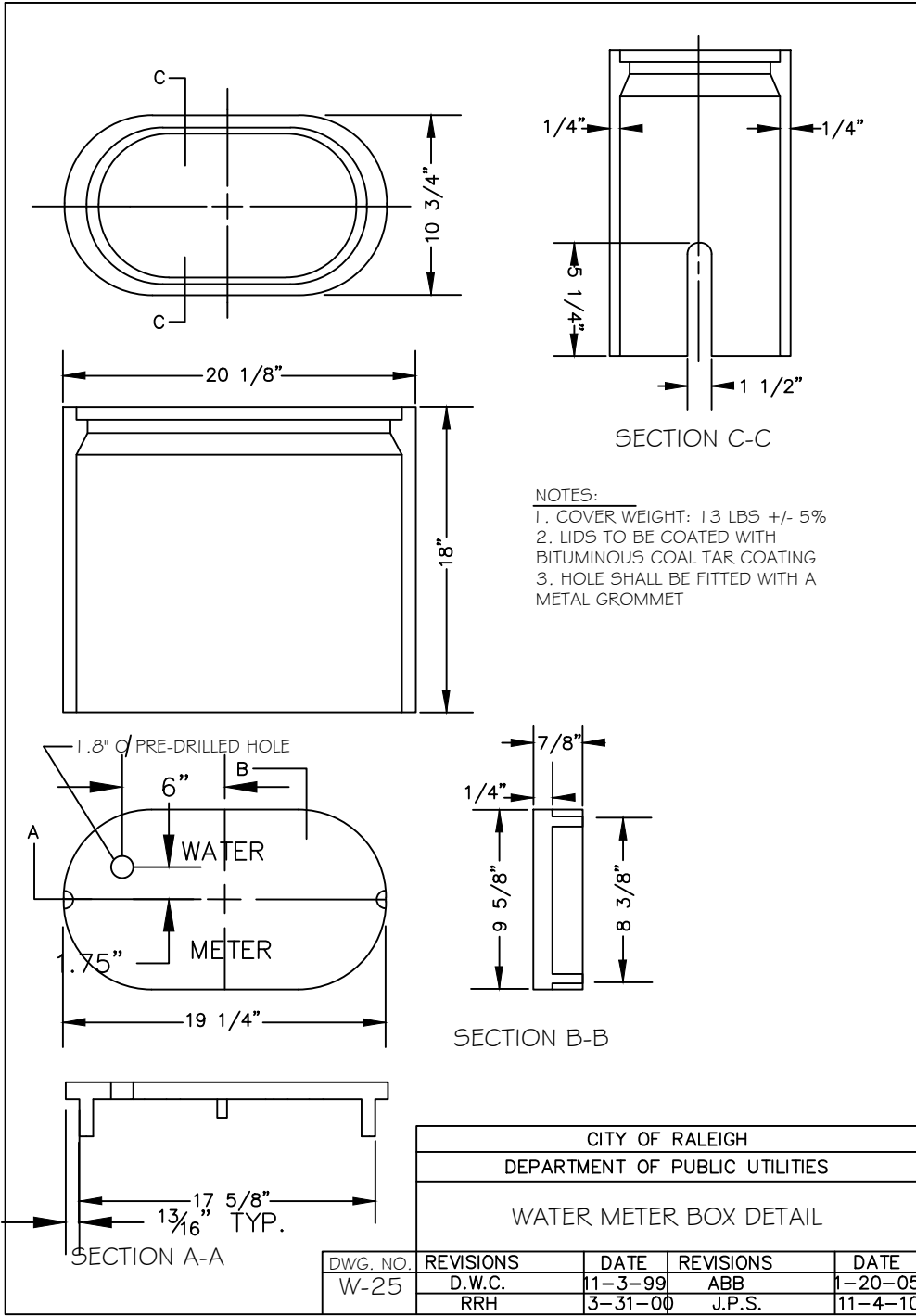




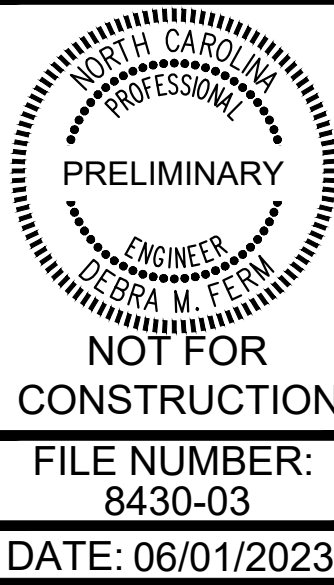


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Sheet: 1





Know what's below.
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WATER DETAIL (2 OF 2)

PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

LENNAR
CORPORAION
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

BCE
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM
NC LICENSE #C-4397

DESIGNED BY:	DF/CD
DRAWN BY:	DF/JWM
REVIEWED BY:	DF
REV	04/03/2023
06/01/2023	PER TOWN OF ROLESVILLE COMMENT

C8-7

G:\NCA\Projects\Lennar\8430-03 - Lennar - School Street - Rolesville\03 - DWG\PlanSheets\On-Site\07-0 - OPEN SPACE PLAN.dwg Layout: OPEN SPACE PLAN Plotted: 6/1/2023 4:06:50 PM

Please label the location of public seating and receptacles as required in LDO Section 6.2.1G.

Applicant mentioned in the PSP review that an easement will be placed here for future connection. Label easement location and width.

Please clarify the OPEN SPACE TYPES within the calculation breakdown. Refer to LDO 6.2.1.D for further clarifications.

It is still unclear if the RM Cluster is meeting this requirement. Please break out the PROVIDED OPEN SPACE calculations by zoning district to confirm compliance.



LEGEND

- PASSIVE OPEN SPACE
- ACTIVE OPEN SPACE
- NATURAL RESOURCE AREAS
- PERIMETER BUFFER (INCLUDED IN PASSIVE OPEN SPACE)
- AREAS EXCLUDED FROM OPEN SPACE CALCULATION
- TYPICAL FITNESS STATION
- PROPOSED FUTURE GREENWAY CONNECTION
- OPEN SPACE LOT BOUNDARY

OPEN SPACE CALCULATIONS			
TOTAL SITE AREA	85.27	AC	
RM CLUSTER DISTRICT (SINGLE-FAMILY DETACHED)			
RM CLUSTER ZONING DISTRICT AREA	57.89	AC	
REQUIRED PASSIVE OPEN SPACE (12%)	6.95	AC	
REQUIRED ACTIVE OPEN SPACE (50% OF PASSIVE OPEN SPACE)	3.47	AC	
RH CLUSTER DISTRICT (TOWNHOMES)			
RH CLUSTER ZONING DISTRICT AREA	27.38	AC	
REQUIRED PASSIVE OPEN SPACE (15%)	4.11	AC	
REQUIRED ACTIVE OPEN SPACE (50% OF PASSIVE OPEN SPACE)	2.05	AC	
REQUIRED OPEN SPACE			
PASSIVE OPEN SPACE	11.05	AC	
ACTIVE OPEN SPACE	5.53	AC	
REQUIRED CLUSTER OPEN SPACE (40%)	34.11	AC	
PROVIDED OPEN SPACE			
PASSIVE OPEN SPACE	24.74	AC	
STORMWATER PONDS (5% MAXIMUM)	0.00	AC	0.00%
NATURAL RESOURCE AREAS (20% MAXIMUM)	3.85	AC	11.29%
ACTIVE OPEN SPACE	5.54	AC	
TOTAL PROVIDED OPEN SPACE	34.13	AC	

OPEN SPACE BREAKDOWN BY AREA										
OPEN SPACE TYPE	OPEN SPACE #1	OPEN SPACE #2	OPEN SPACE #3	OPEN SPACE #4	OPEN SPACE #5	OPEN SPACE #6	OPEN SPACE #7	TOTAL AREA	PERCENTAGE	MAX ALLOWED
PASSIVE OPEN SPACE (AC)	13.43	0.34	2.79	1.21	0.47	0.6	5.9	24.74	NA	NA
STORMWATER PONDS (AC)	0	0	0	0	0	0	0	0	0.0%	5%
NATURAL RESOURCE AREAS (AC)	2.97	0	0.88	0	0	0	0	3.85	11.3%	20%
ACTIVE OPEN SPACE (AC)	1.73	0.33	0.82	0.73	0.16	0.32	1.45	5.54	NA	NA

North arrow pointing up.

Scale: 1" = 150'

0 75 150 300

811

Know what's below.
Call before you dig.

DESIGNED BY: MC/RZ
DRAWN BY: MC
REVIEWED BY: RZ

PER TOWN OF ROLESVILLE COMMENT

06/01/2023

REV

04/03/2023

INITIAL SUBMITTAL

BCE

5440 WADE PARK BLVD, SUITE 102
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NC LICENSE #C-4397

LENNAR
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1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

PARKER RIDGE

82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

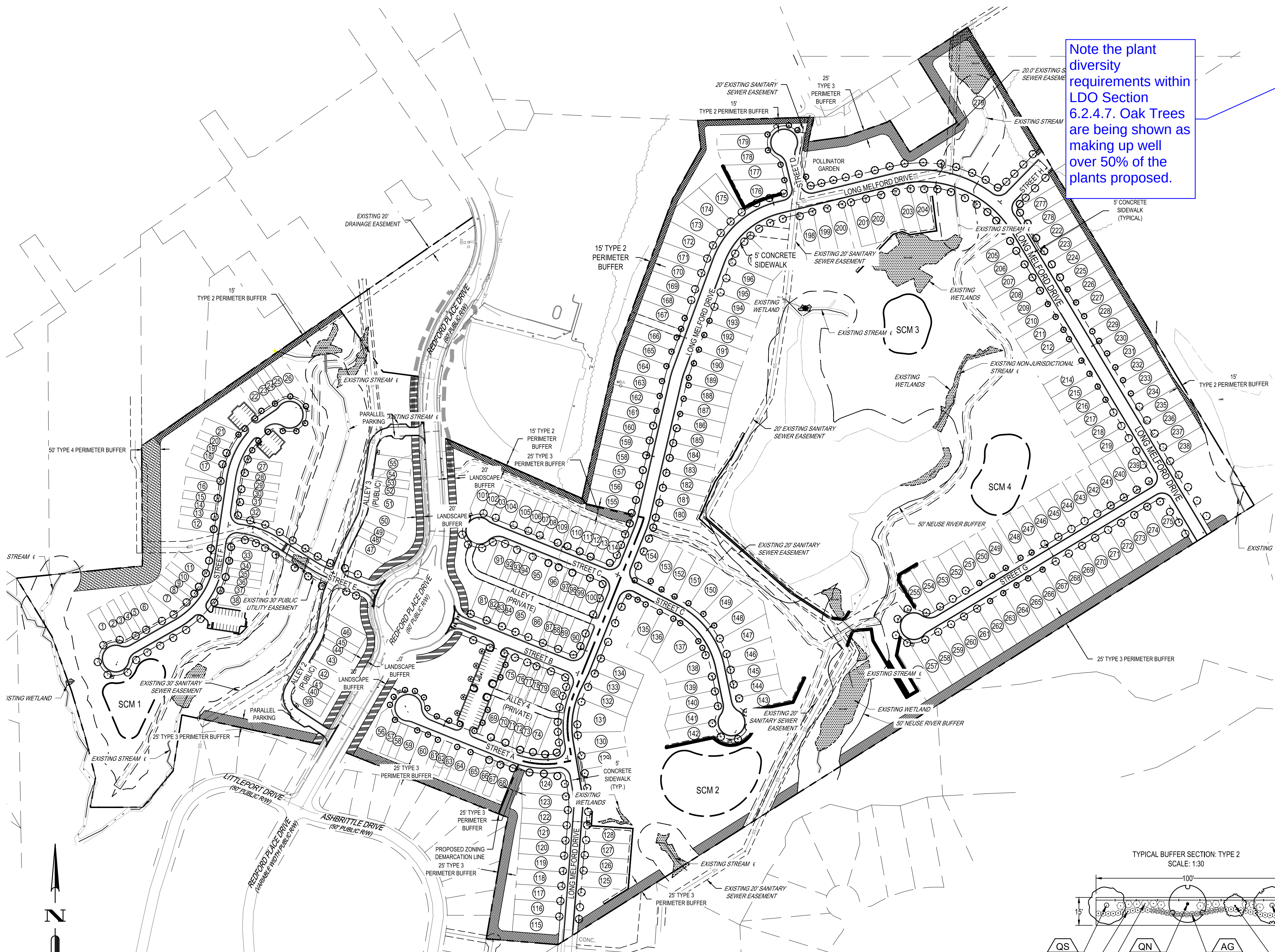
OPEN SPACE PLAN

NOT FOR CONSTRUCTION

FILE NUMBER:
8430-03

DATE: 06/01/2023

C9-0



Note the plant diversity requirements within LDO Section 6.2.4.7. Oak Trees are being shown as making up well over 50% of the plants proposed.

PLANT SCHEDULE						
CANOPY TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CAL	HT
	KP	5	Koelreuteria paniculata	Golden Rain Tree	2" MIN.	8' MIN.
	PS	98	Pistacia chinensis	Chinese Pistache	2" MIN.	8' MIN.
	QC	81	Quercus coccinea	Scarlet Oak	2" MIN.	8' MIN.
	QF	61	Quercus falcata	Southern Red Oak	2" MIN.	8' MIN.
	QN	95	Quercus nuttallii	Nuttall Oak	2" MIN.	8' MIN.
	ZS	68	Zelkova serrata	Sawleaf Zelkova	2" MIN.	8' MIN.
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	HT	SPR
	AG	56	Abelia x grandiflora	Glossy Abelia	18-24"	18-24"
	IV	47	Ilex vomitoria 'Nana'	Dwarf Yaupon	18-24"	18-24"

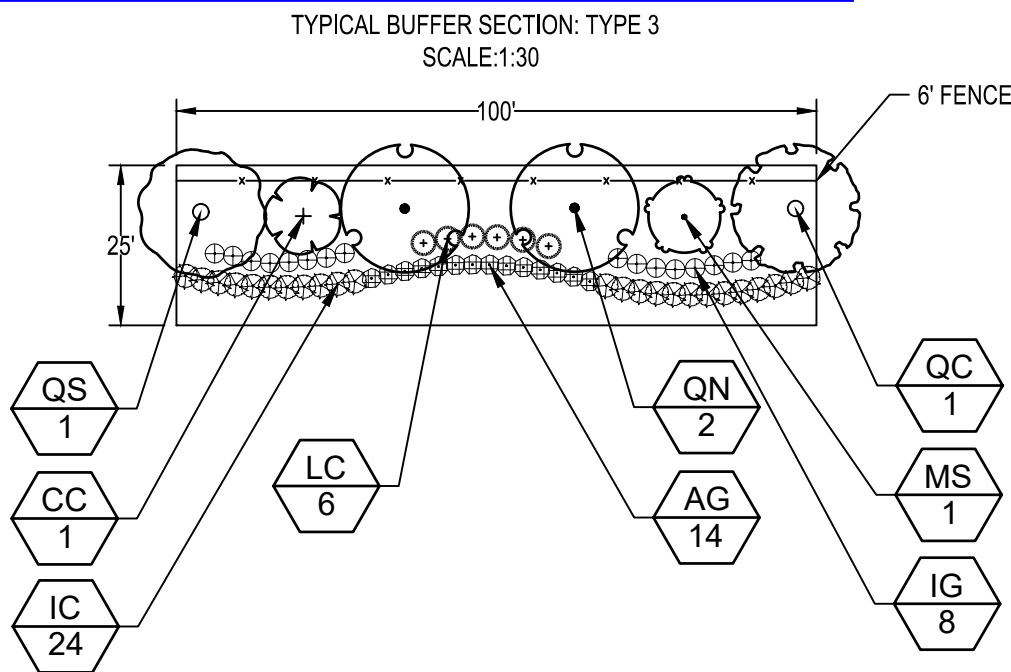
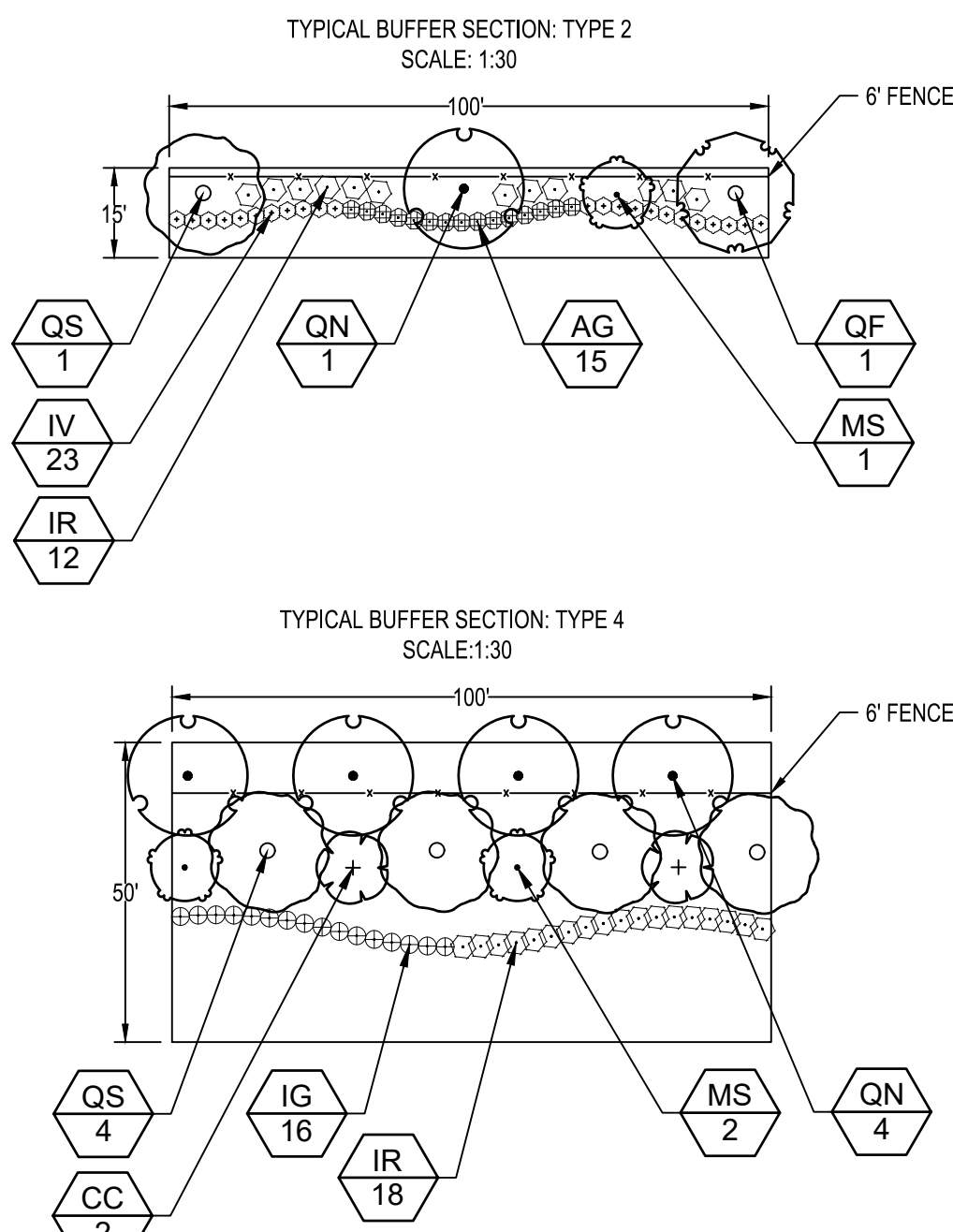
LANDSCAPE BUFFERS

- PERIMETER BUFFER TYPE 2:** 15' WIDTH, 3,338 TOTAL LF
REQUIRED: 3 CANOPY TREES PER 100 LF
1 UNDERSTORY TREE PER 100 LF
50 SHRUBS PER 100 LF
6' FENCE
PROVIDED: *SEE NOTE BELOW
- PERIMETER BUFFER TYPE 3:** 25' WIDTH, 3,884 TOTAL LF
REQUIRED: 4 CANOPY TREES PER 100 LF
2 UNDERSTORY TREES PER 100 LF
60 SHRUBS PER 100 LF
6' WALL (6' FENCE PER ZONING)
PROVIDED: *SEE NOTE BELOW
- PERIMETER BUFFER TYPE 4:** 50' WIDTH, 517 TOTAL LF
REQUIRED: 8 CANOPY TREES PER 100 LF
4 UNDERSTORY TREES PER 100 LF
CONTINUOUS HEDGE
3' WALL + 5' BERM (6' FENCE PER ZONING)
PROVIDED: *SEE NOTE BELOW
- STREET BUFFER - REDFORD PLACE DRIVE:** 20' WIDTH, 2,037 LF OF FRONTAGE
REQUIRED: 1 STREET TREE EVERY 40 LF OF FRONTAGE
2,037 LF OF FRONTAGE / 40' = 51 TREES
EXISTING STREET TREES SHALL SATISFY STREET TREE REQUIREMENT
- * IF EXISTING CANOPY DOES NOT MEET BUFFER REQUIREMENTS, ADDITIONAL PLANTINGS MUST BE ADDED TO FULFILL BUFFER REQUIREMENTS (SEE TYPICAL BUFFER SECTIONS).

STREET TREES

- REQUIRED: 1 STREET TREE EVERY 40 LF OF FRONTAGE**
- STREET A**
REQUIRED: 918 LF OF FRONTAGE / 40' = 23 TREES
PROVIDED: 28 TREES
- STREET B**
REQUIRED: 554 LF OF FRONTAGE / 40' = 14 TREES
PROVIDED: 14 TREES
- STREET C**
REQUIRED: 1,722 LF OF FRONTAGE / 40' = 43 TREES
PROVIDED: 52 TREES
- STREET D**
REQUIRED: 292 LF OF FRONTAGE / 40' = 7 TREES
PROVIDED: 7 TREES
- STREET E**
REQUIRED: 704 LF OF FRONTAGE / 40' = 18 TREES
PROVIDED: 18 TREES
- STREET F**
REQUIRED: 1,660 LF OF FRONTAGE / 40' = 41 TREES
PROVIDED: 50 TREES
- STREET G**
REQUIRED: 1,528 LF OF FRONTAGE / 40' = 38 TREES
PROVIDED: 41 TREES
- STREET H**
REQUIRED: 264 LF OF FRONTAGE / 40' = 7 TREES
PROVIDED: 7 TREES
- LONG MELFORD DRIVE**
REQUIRED: 7,276 LF OF FRONTAGE / 40' = 182 TREES
PROVIDED: 182 TREES

Landscape plans or Preservations plan (as required by 6.2.4.2.A.10) shall demonstrate compliance with the preservation standards of LDO Section 6.2.4.5.B. Calculations of the required 10% shall be included on the plans.



BUFFER LANDSCAPE (QUANTITIES T.B.D.)					
CANOPY TREES	CODE	BOTANICAL NAME	COMMON NAME	CAL	HT
	QS	Quercus shumardii	Shumard Oak	2" MIN.	8' MIN.
UNDERSTORY TREES	CODE	BOTANICAL NAME	COMMON NAME	CAL	HT
	CC	Cercis canadensis	Eastern Redbud	1" MIN.	8' MIN.
	MS	Magnolia stellata	Star Magnolia	1" MIN.	8' MIN.
SHRUBS	CODE	BOTANICAL NAME	COMMON NAME	HT	SPR
	IC	Ilex cornuta 'Burfordii Nana'	Dwarf Burford Holly	18-24"	18-24"
	IR	Ilex crenata 'Rotundifolia'	Japanese Holly	18-24"	18-24"
	IG	Ilex glabra	Inkberry Holly	18-24"	18-24"
	LC	Loropetalum chinense	Chinese Fringe Flower	18-24"	18-24"

PARKING LANDSCAPE

- PARKING LOT 'A':**
REQUIRED: PERIMETER SHRUBS 3' O.C.
ROADWAY SCREENING
PROVIDED: 56 SHRUBS
- REQUIRED: 1 TREE / 150 SF OF PARKING ISLANDS**
1,689 SF PARKING ISLANDS = 11 TREES
PROVIDED: 12 TREES
- PARKING LOT 'B':**
REQUIRED: PERIMETER SHRUBS 3' O.C.
ROADWAY SCREENING
PROVIDED: 56 SHRUBS
- PARKING LOT 'C':**
REQUIRED: PERIMETER SHRUBS 3' O.C.
ROADWAY SCREENING
PROVIDED: 28 SHRUBS

Please include buffer plant quantities with the next submittal.



DESIGNED BY: DF/CD

DRAWN BY: DF/JWM

REVIEWED BY: DF

6/01/2023

04/03/2023

REV

PER TOWN OF ROLESVILLE COMMENT

INITIAL SUBMITTAL

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OVERALL LANDSCAPE PLAN

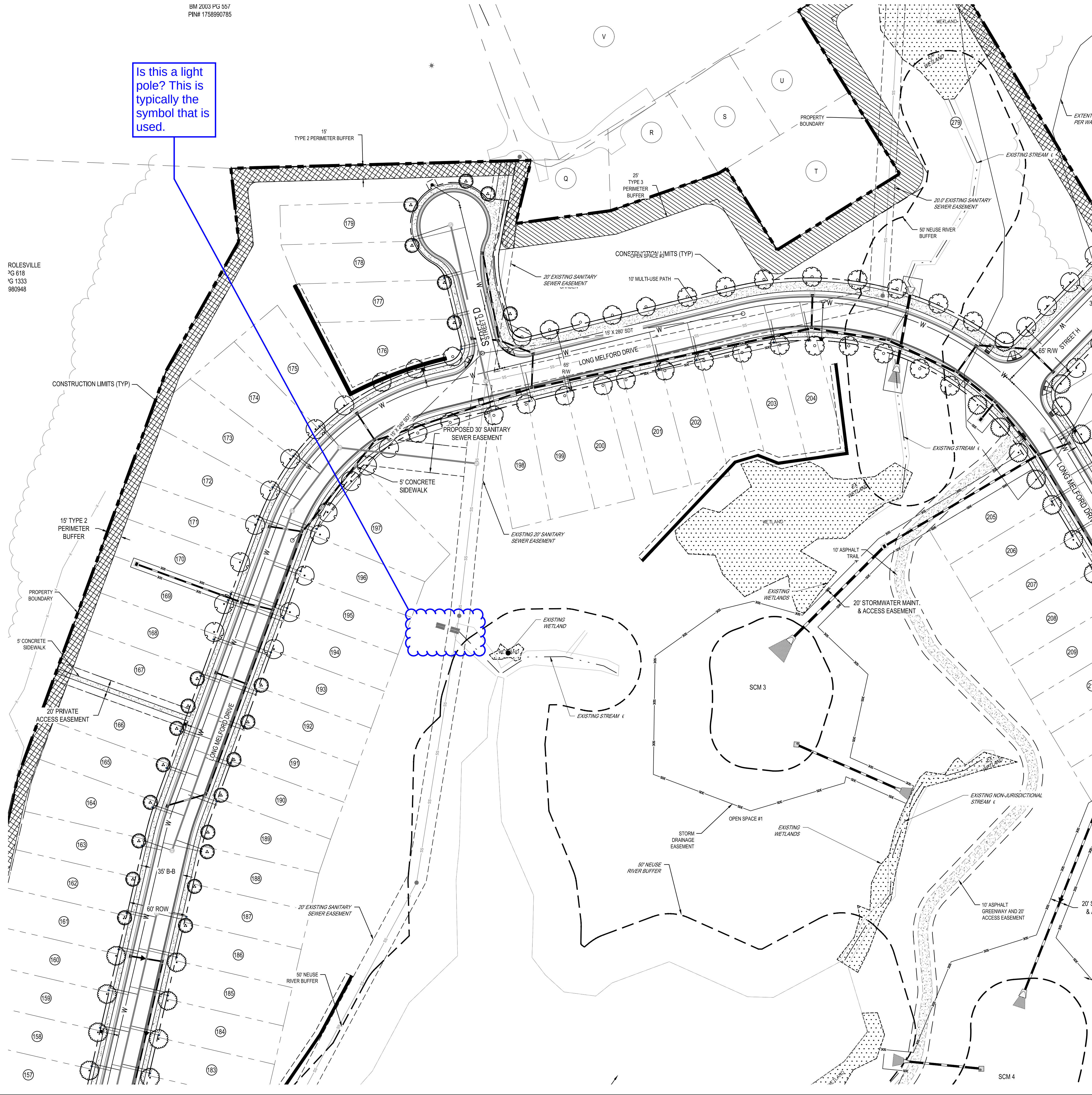
PRELIMINARY

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FILE NUMBER: 8430-03

DATE: 06/01/2023

L1-0



LANDSCAPE BUFFERS

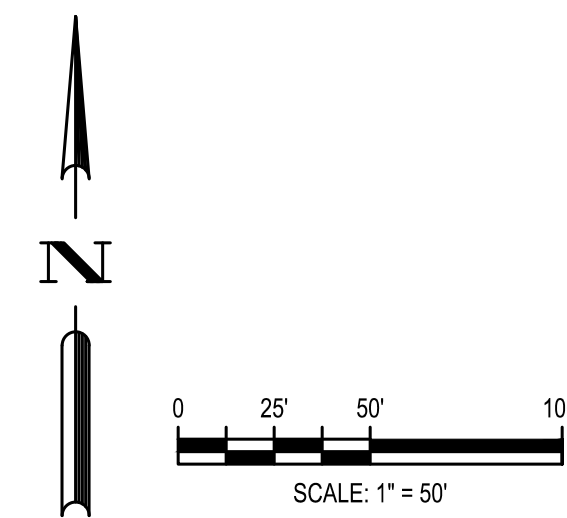
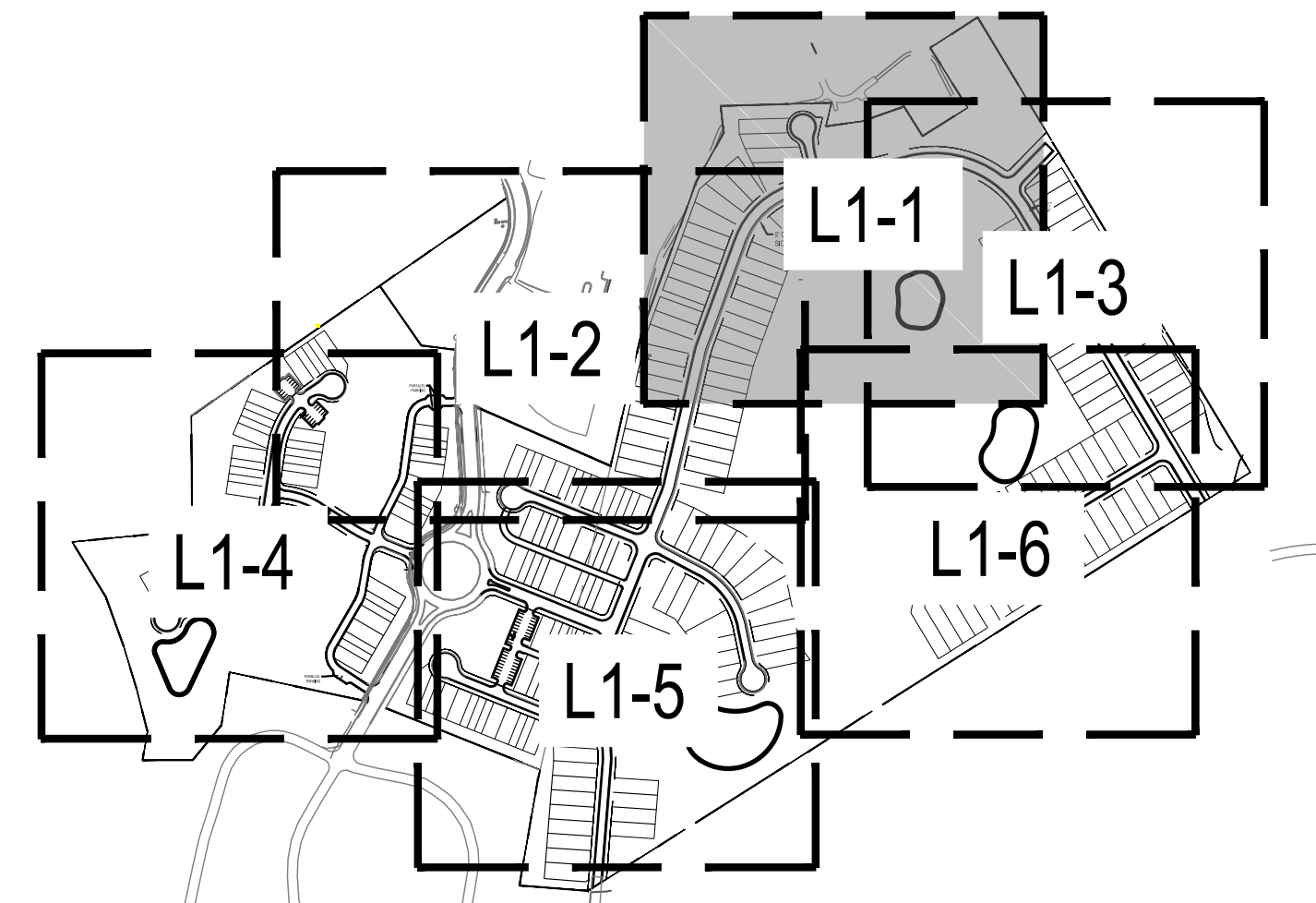
PERIMETER BUFFER TYPE 1 (15' WIDTH)

PERIMETER BUFFER TYPE 2 (15' WIDTH)

PERIMETER BUFFER TYPE 3 (25' WIDTH)

PERIMETER BUFFER TYPE 4 (50' WIDTH)

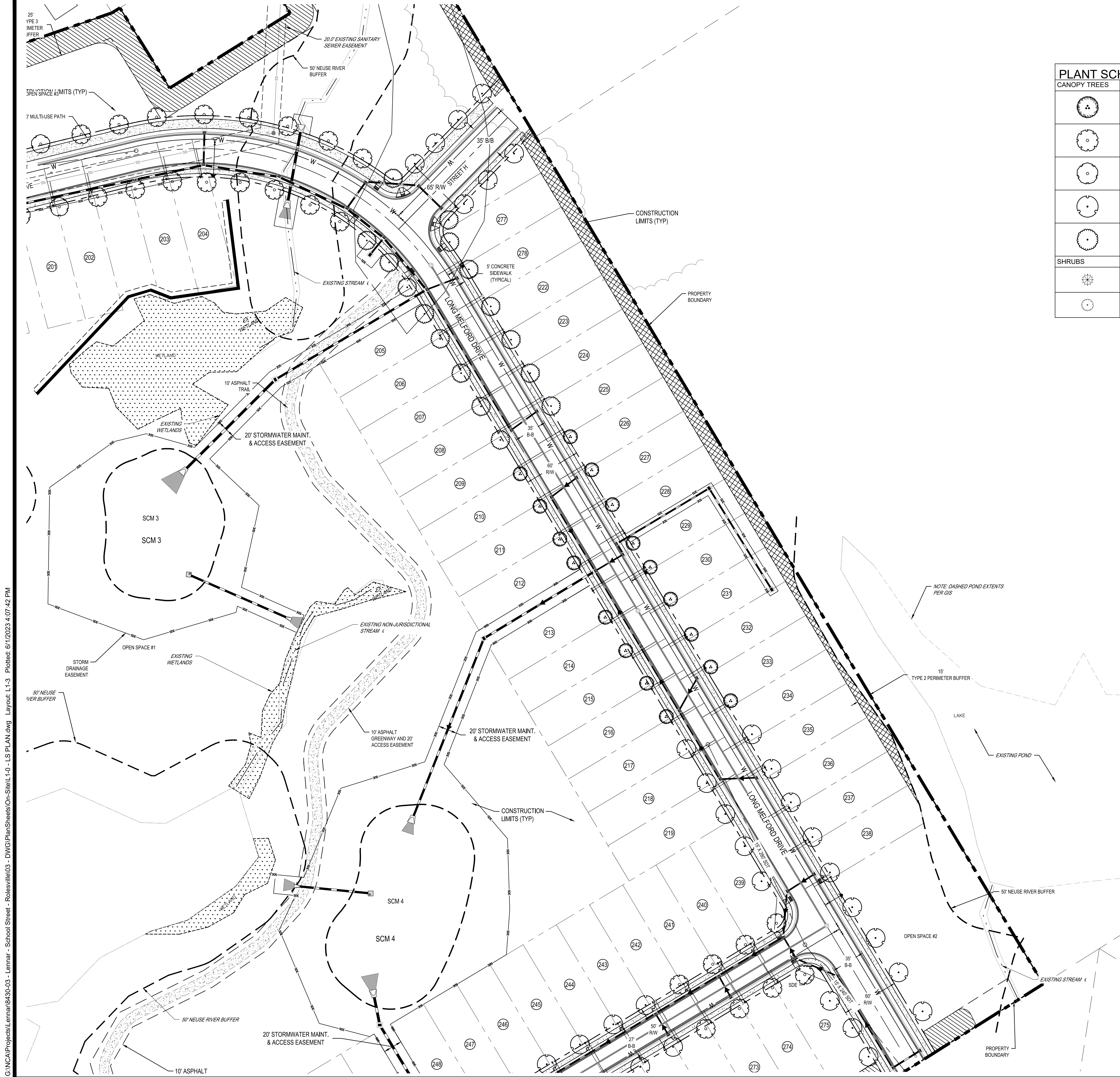
STREET BUFFER (20' WIDTH)



Know what's below.
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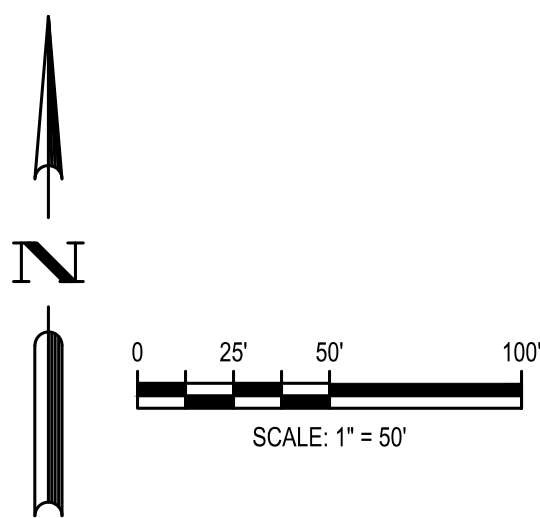
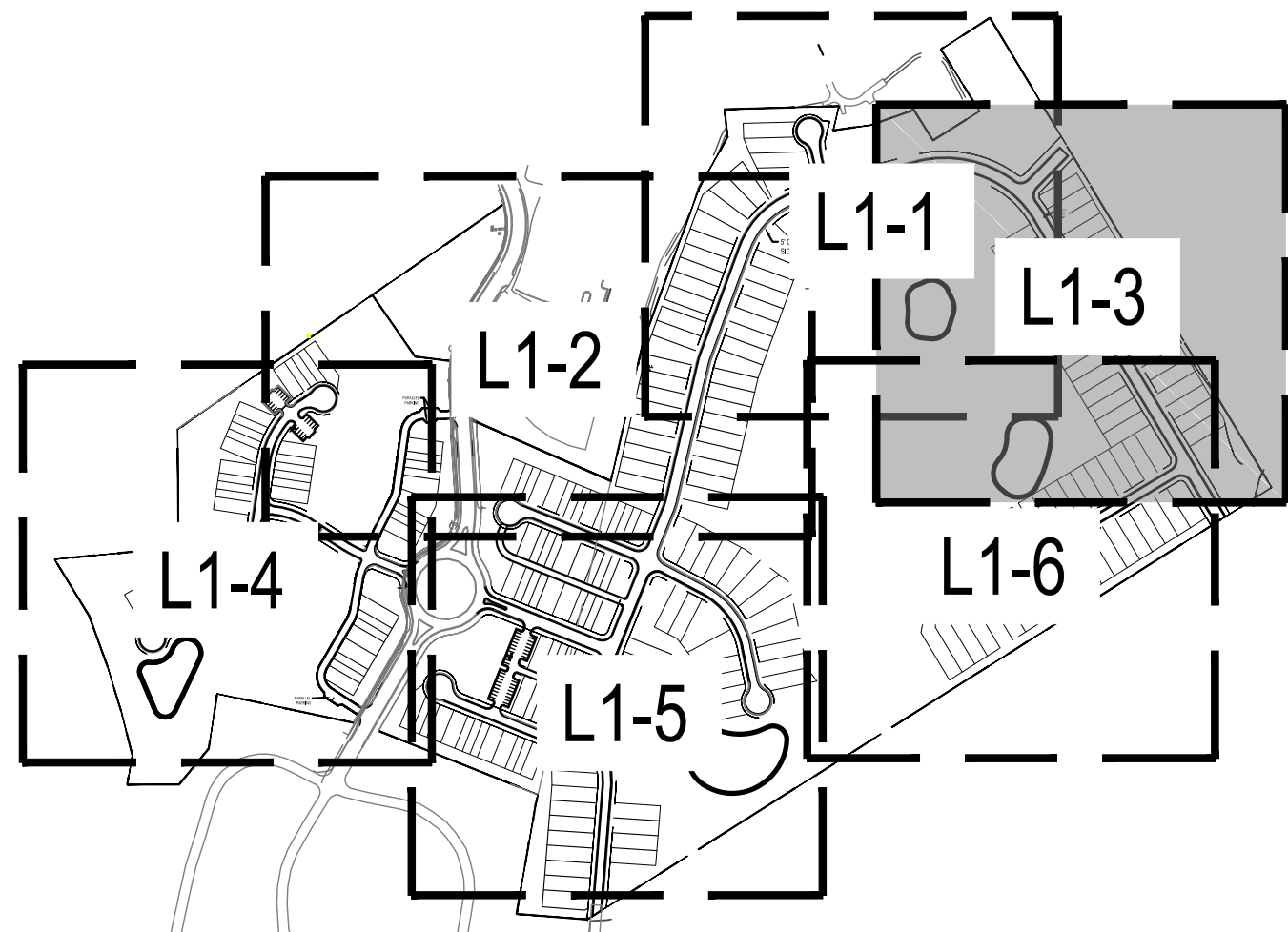
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G:\NCA\Projects\Lennar\8430-03 - Lennar - School Street - Rolesville\03 - DWG\PlanSheets\On-Site\L1-0 - LS PLAN.dwg Layout: L1-3 Plotted: 6/1/2023 4:07:42 PM



PLANT SCHEDULE L1-3						
CANOPY TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CAL	HT
	PS	17	Pistacia chinensis	Chinese Pistache	2" MIN.	8' MIN.
	QC	24	Quercus coccinea	Scarlet Oak	2" MIN.	8' MIN.
	QF	2	Quercus falcata	Southern Red Oak	2" MIN.	8' MIN.
	QN	30	Quercus nuttallii	Nuttall Oak	2" MIN.	8' MIN.
	ZS	16	Zelkova serrata	Sawleaf Zelkova	2" MIN.	8' MIN.
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	HT	SPR
	IP	98	Ilex pernyi	Perry Holly	24-36"	24-36"
	VR	97	Viburnum rhytidophyllum	Leatherleaf Viburnum	24-36"	24-36"

LANDSCAPE BUFFERS	
	PERIMETER BUFFER TYPE 2 (15' WIDTH)
	PERIMETER BUFFER TYPE 3 (25' WIDTH)
	PERIMETER BUFFER TYPE 4 (50' WIDTH)
	STREET BUFFER (20' WIDTH)



DESIGNED BY: DF/CD

DRAWN BY: DF/JWM

REVIEWED BY: DF

PER TOWN OF ROLESVILLE COMMENT

06/01/2023

04/03/2023

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ENLARGED LANDSCAPE

PLAN (3 OF 6)

PRELIMINARY

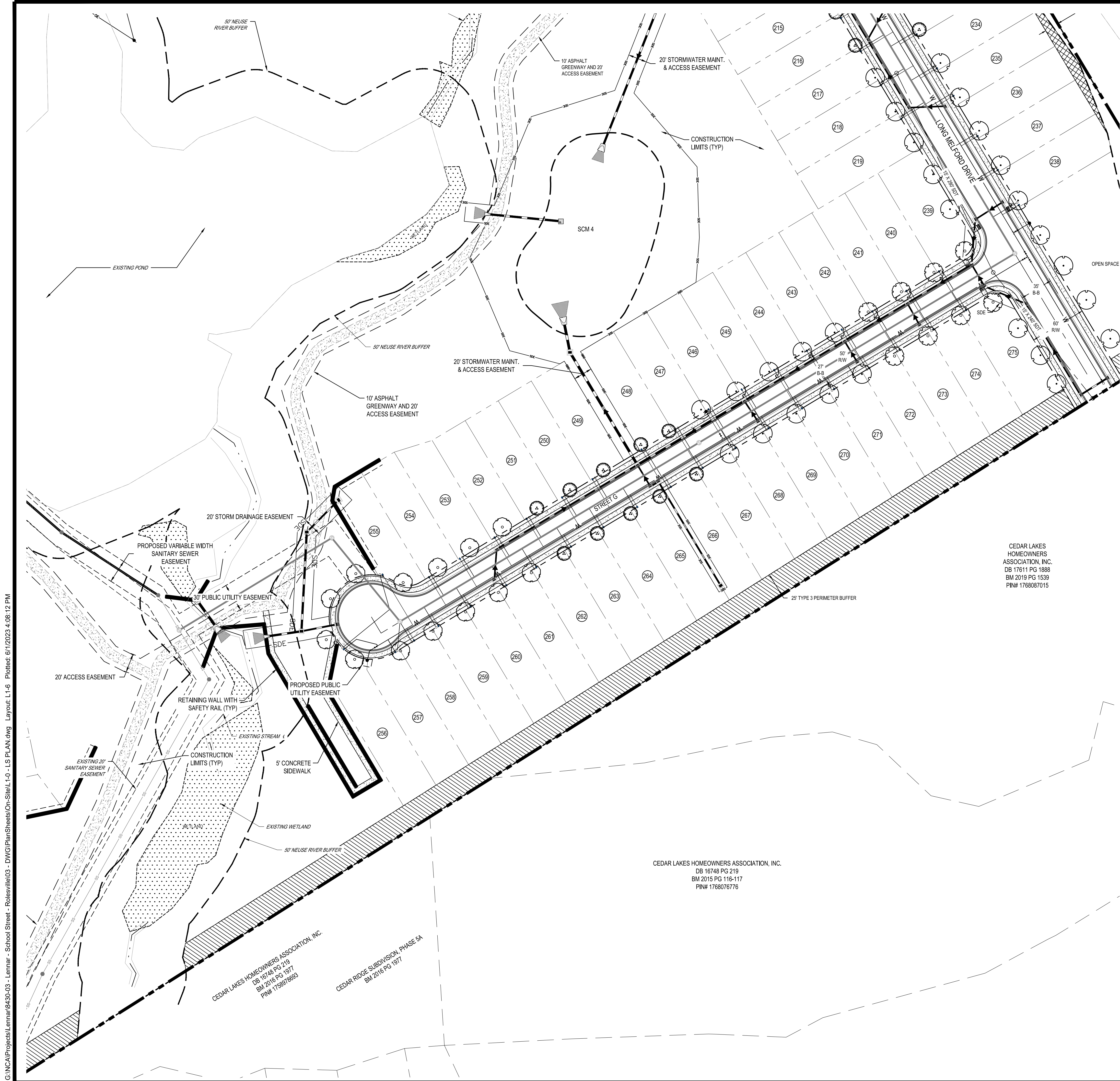
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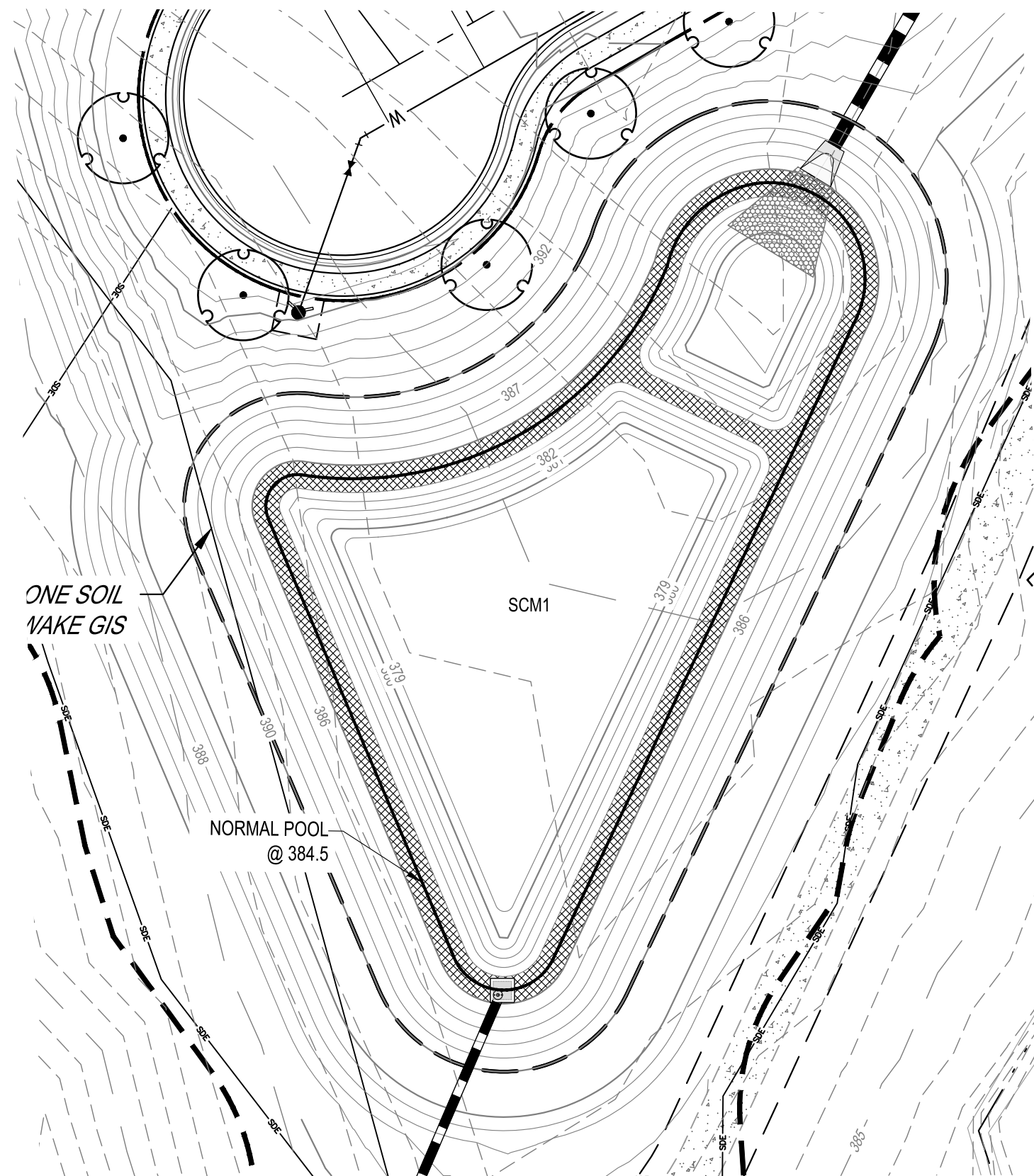
FILE NUMBER:
8430-03

DATE: 06/01/2023

L1-3

G:\NCA\Projects\Lennar\8430-03 - Lennar - School Street - Rolesville\03 - DWG\PlanSheets\On-Site\L1-0 - LS PLAN.dwg Layout: L1-6 Plotted: 6/1/2023 4:08:12 PM





SCM 1 PLANTING CALCULATIONS

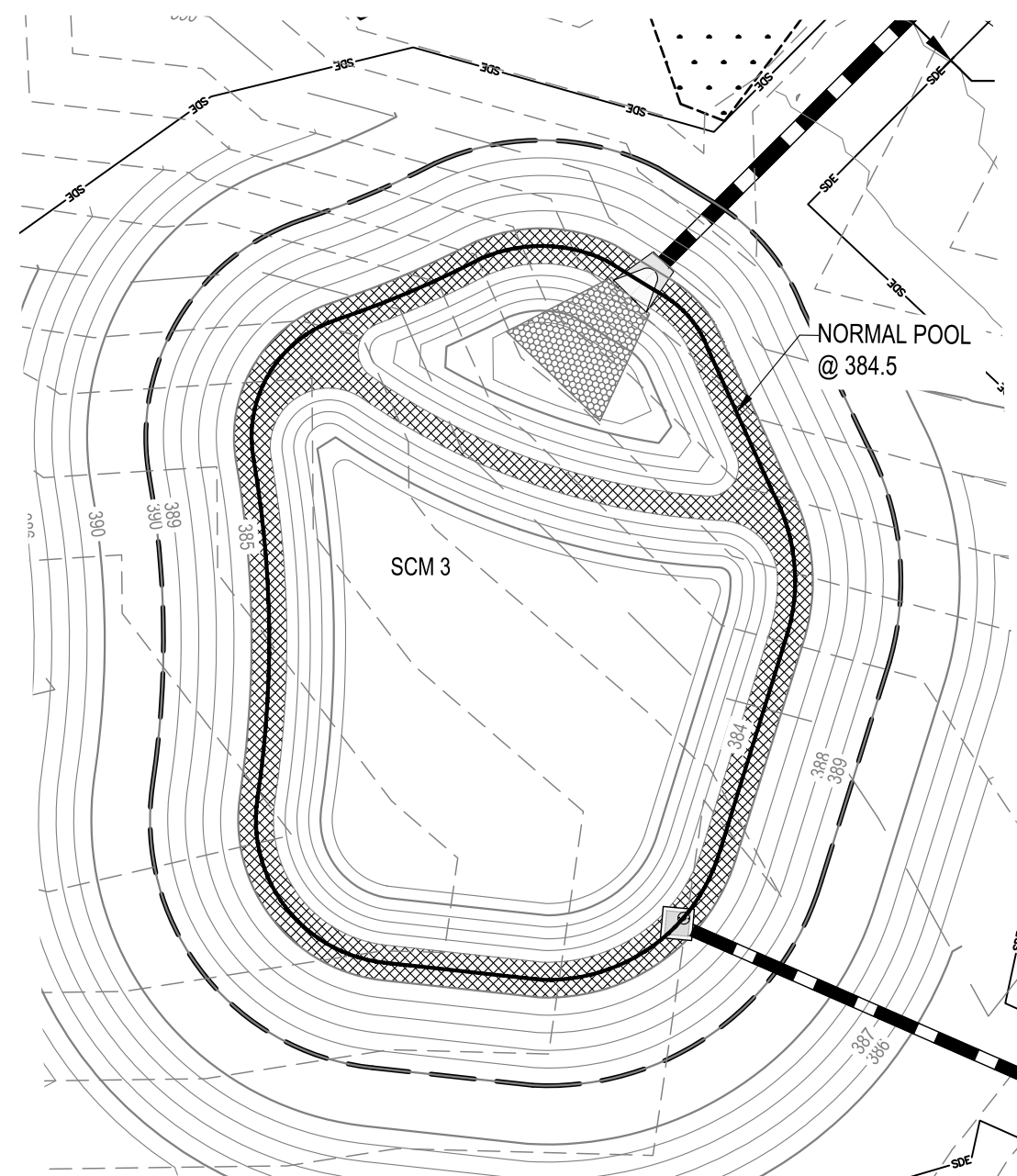
NORMAL POOL ELEVATION: 384.5

VEGETATED SHELF: 3,065 S.F. (0.5' BELOW TO 0.5' ABOVE PERMANENT POND ELEV.)

REQUIRED: .25 PLANTS PER SQUARE FOOT
(3 MINIMUM HERBACEOUS SPECIES)
0.25 PLANTS x 3,065 SF = 766 PLANTS
PROVIDED: (255) HC, (255) LC, (255) CT

SCM 1 PLANTING SCHEDULE

KEY	QTY.	SCIENTIFIC NAME	COMMON NAME	CONT.
HC	255	HIBISCUS Coccineus	SCARLET ROSE MALLOW	24"Ø x 5" PLUG
LC	255	LOBELIA cardinalis	CARDINAL FLOWER	24"Ø x 5" PLUG
CT	255	CAREX tenera	QUILL SEDGE	24"Ø x 5" PLUG

 VEGETATED SHELF MIX

SCM 3 PLANTING CALCULATIONS

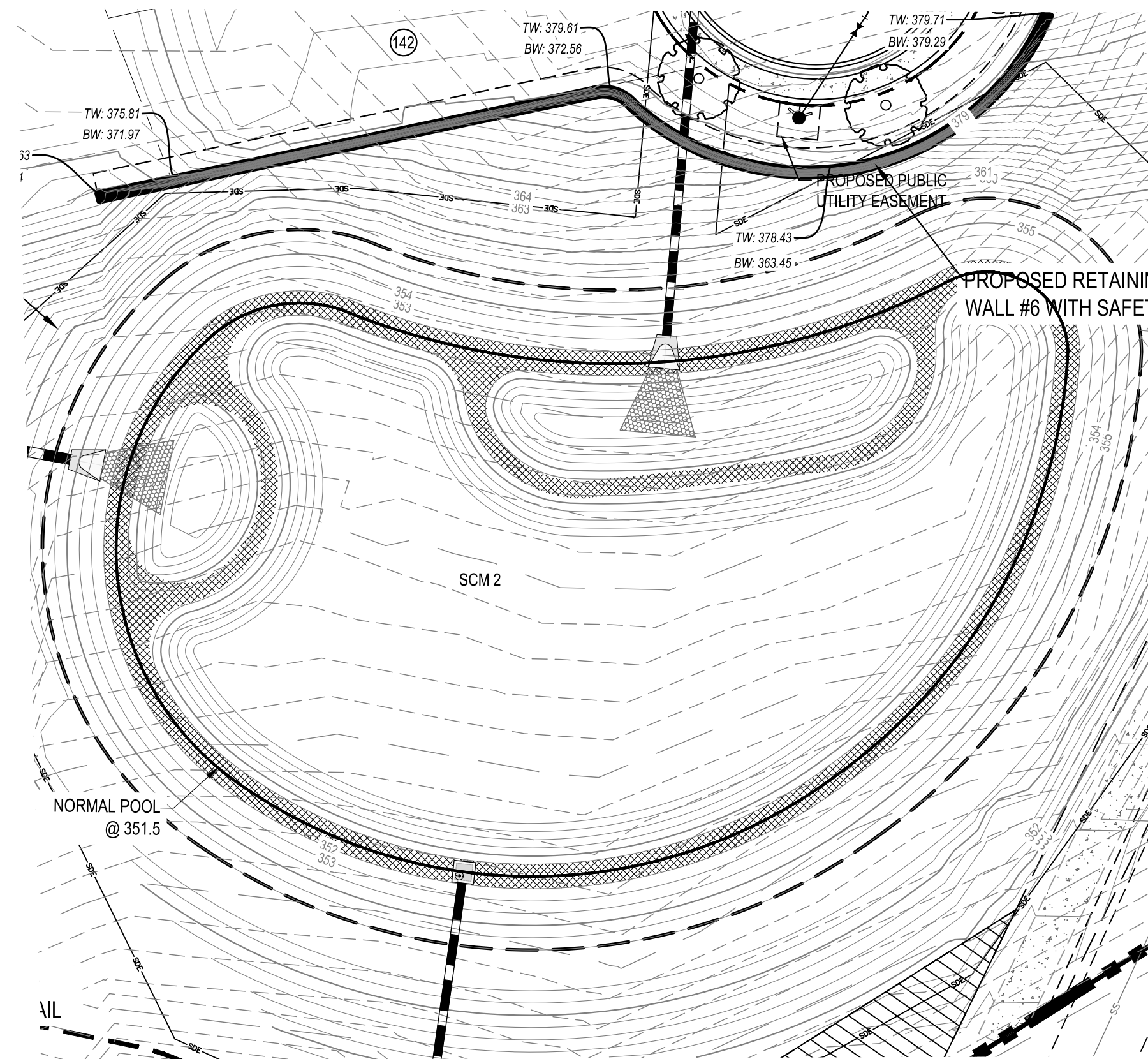
NORMAL POOL ELEVATION: 384.5

VEGETATED SHELF: 2,574 S.F. (0.5' BELOW TO 0.5' ABOVE PERMANENT POND ELEV.)

REQUIRED: .25 PLANTS PER SQUARE FOOT
(3 MINIMUM HERBACEOUS SPECIES)
0.25 PLANTS x 2,574 SF = 644 PLANTS
PROVIDED: (215) HC, (215) LC, (215) CT

SCM 3 PLANTING SCHEDULE

KEY	QTY.	SCIENTIFIC NAME	COMMON NAME	CON.
HC	215	HIBISCUS COCCINEUS	SCARLET ROSE MALLOW	24"Ø x 5" PLUG
LC	215	LOBELIA CARDINALIS	CARDINAL FLOWER	24"Ø x 5" PLUG
CT	215	CAREX TENERA	QUILL SEDGE	24"Ø x 5" PLUG

 VEGETATED SHELF MIX

SCM 2 PLANTING CALCULATIONS

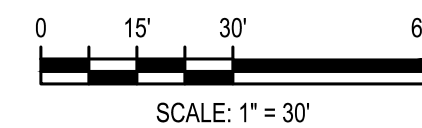
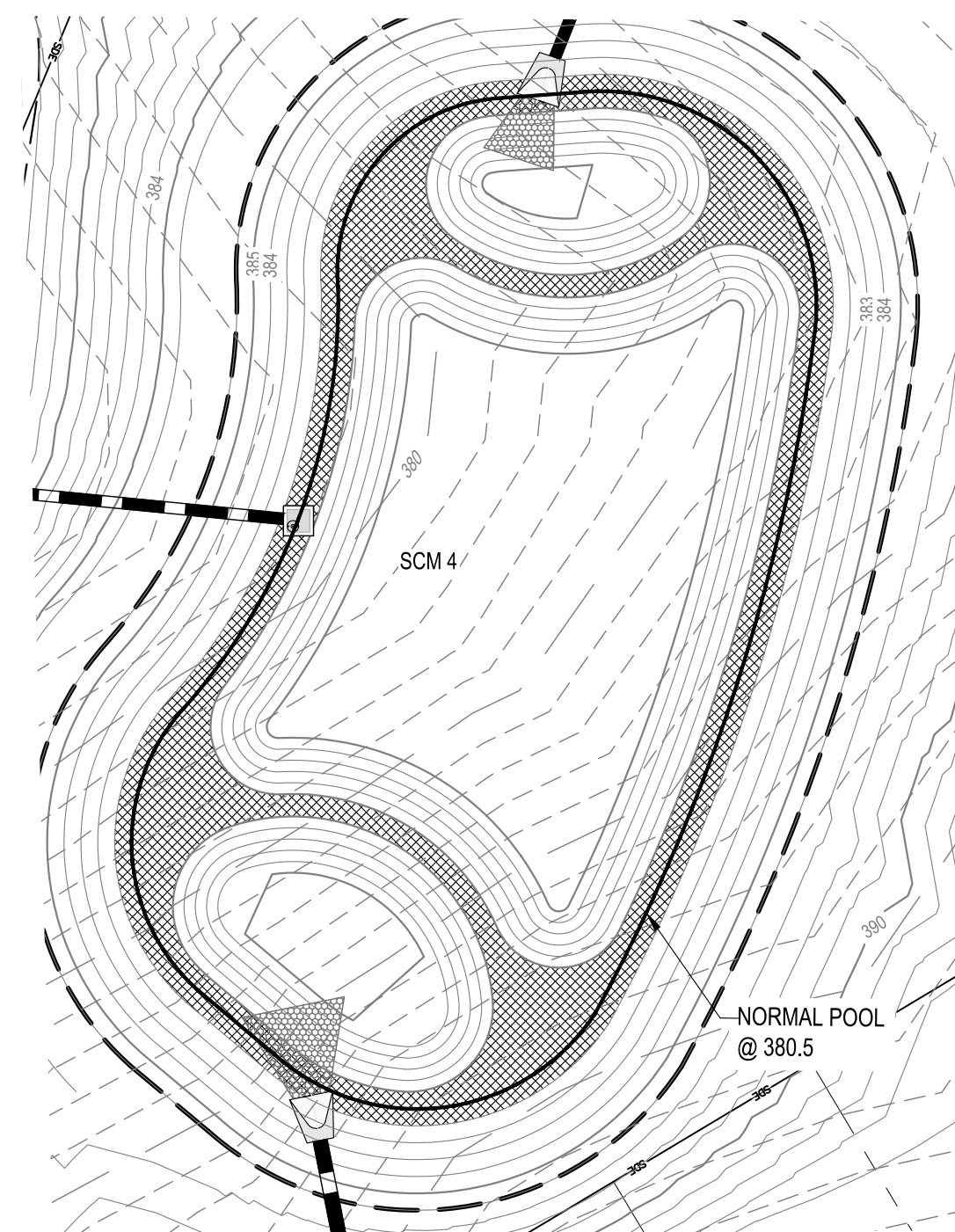
NORMAL POOL ELEVATION: 351.5

VEGETATED SHELF: 5,108 S.F. (0.5' BELOW TO 0.5' ABOVE PERMANENT POND ELEV.)

REQUIRED: .25 PLANTS PER SQUARE FOOT
(3 MINIMUM HERBACEOUS SPECIES)
0.25 PLANTS x 5,108 SF = 1,277 PLANTS
PROVIDED: (426) HC, (426) LC, (426) CT

SCM 2 PLANTING SCHEDULE

KEY	QTY.	SCIENTIFIC NAME	COMMON NAME	CON.
HC	426	HIBISCUS COCCINEUS	SCARLET ROSE MALLOW	24"Ø x 5" PLUG
LC	426	LOBELIA CARDINALIS	CARDINAL FLOWER	24"Ø x 5" PLUG
CT	426	CAREX TENERA	QUILL SEDGE	24"Ø x 5" PLUG

 VEGETATED SHELF MIX

NOTES:

TREES AND WOODY SHRUBS ARE NOT PERMITTED ON THE DAM OR EMBANKMENT SLOPES AND ANY VOLUNTEERS SHOULD BE REMOVED AS PART OF REGULAR MAINTENANCE ACTIVITIES.

TREES AND SHRUBS MAY BE PLANTED OUTSIDE OF EMBANKMENT SLOPES AND CLEAR FROM MAINTENANCE EASEMENT.

SCM 4 PLANTING CALCULATIONS

NORMAL POOL ELEVATION: 380.5

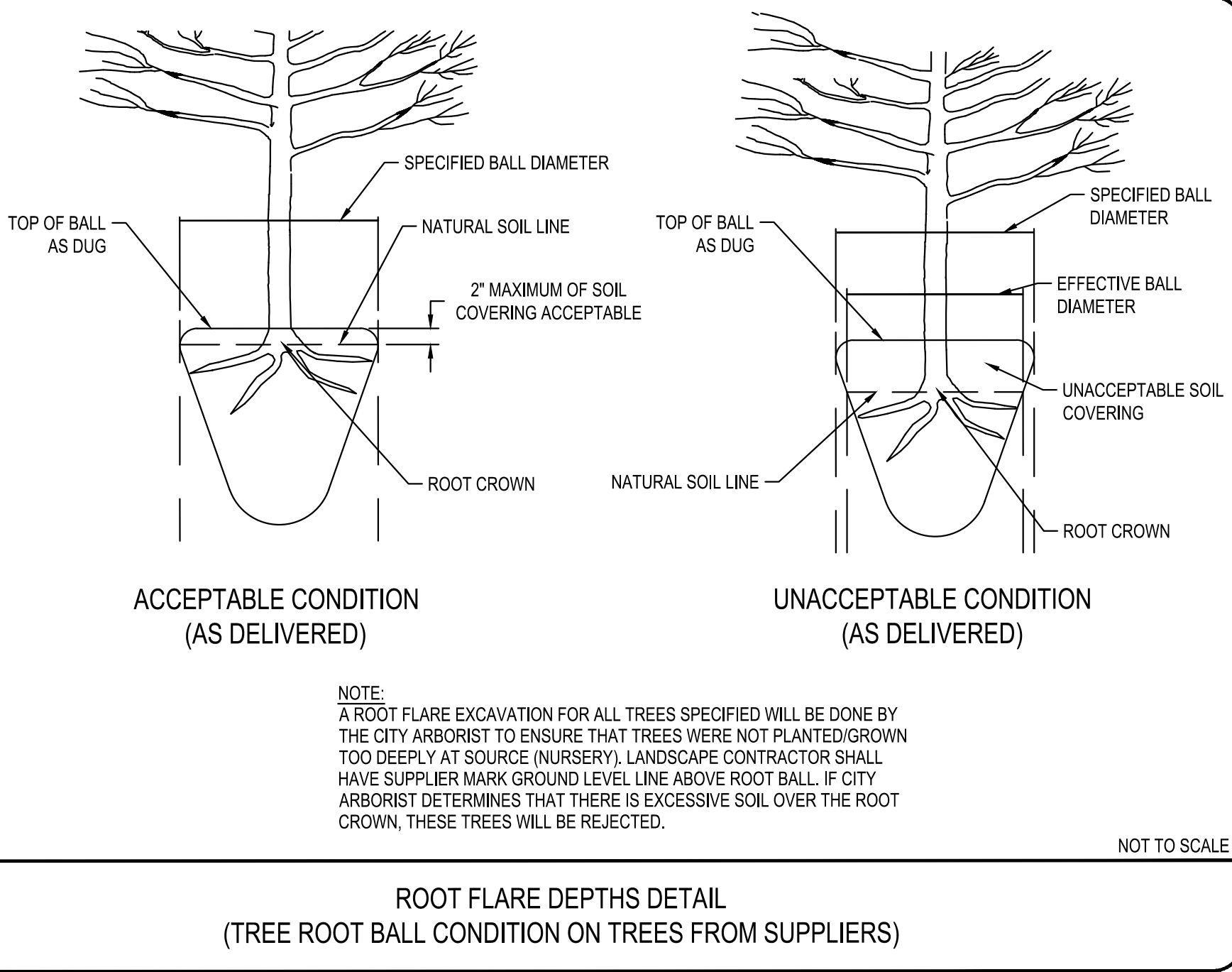
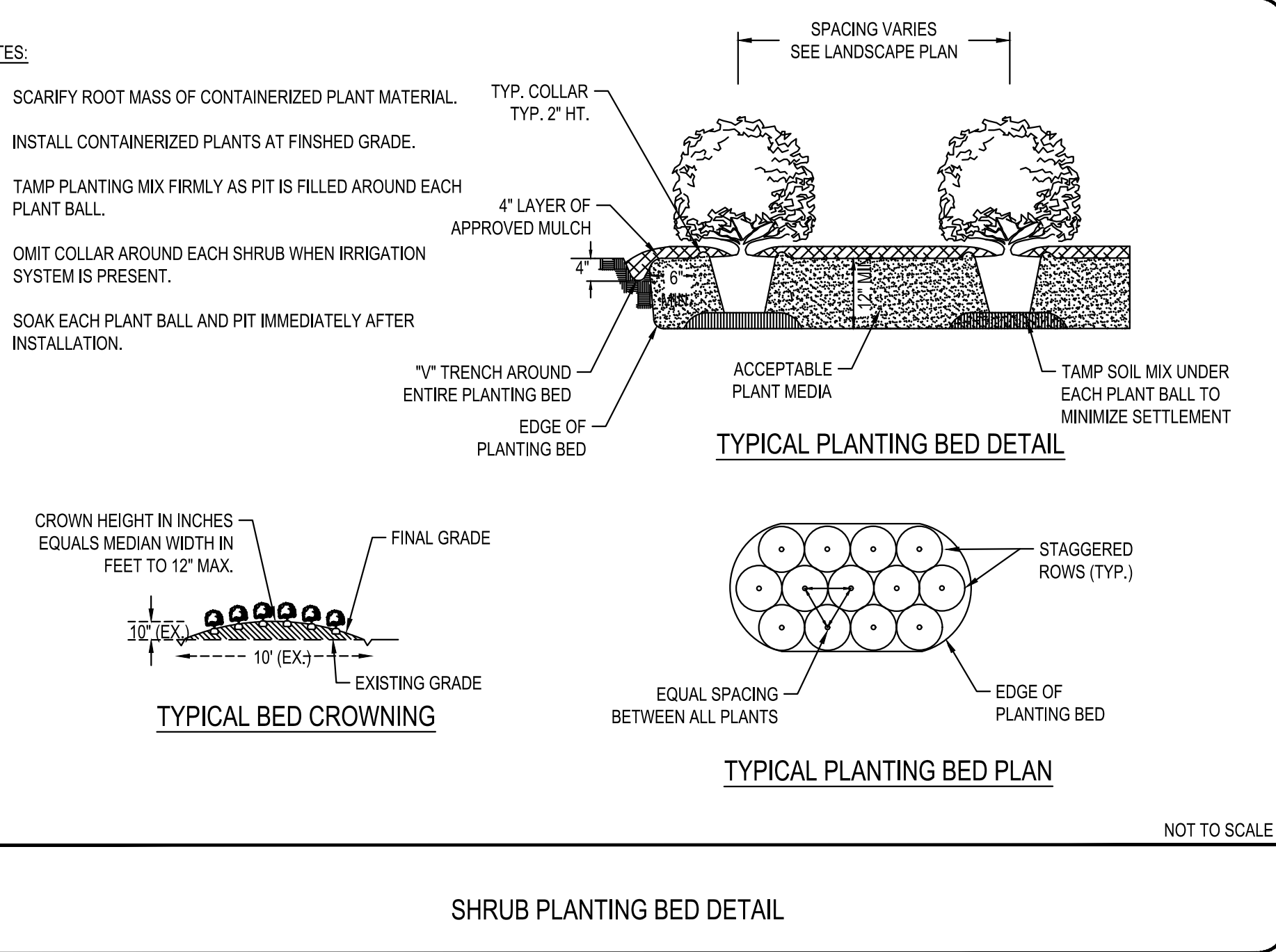
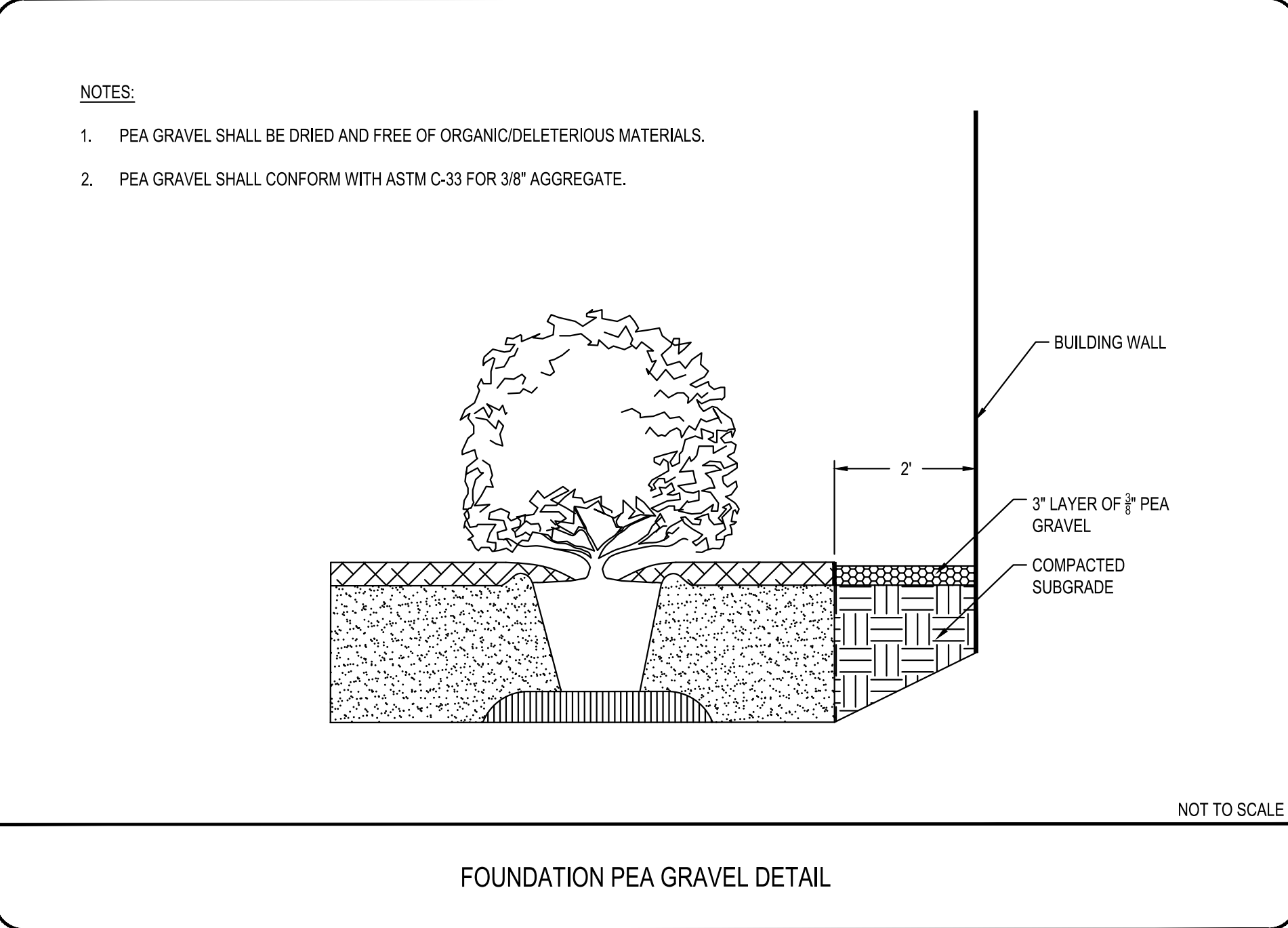
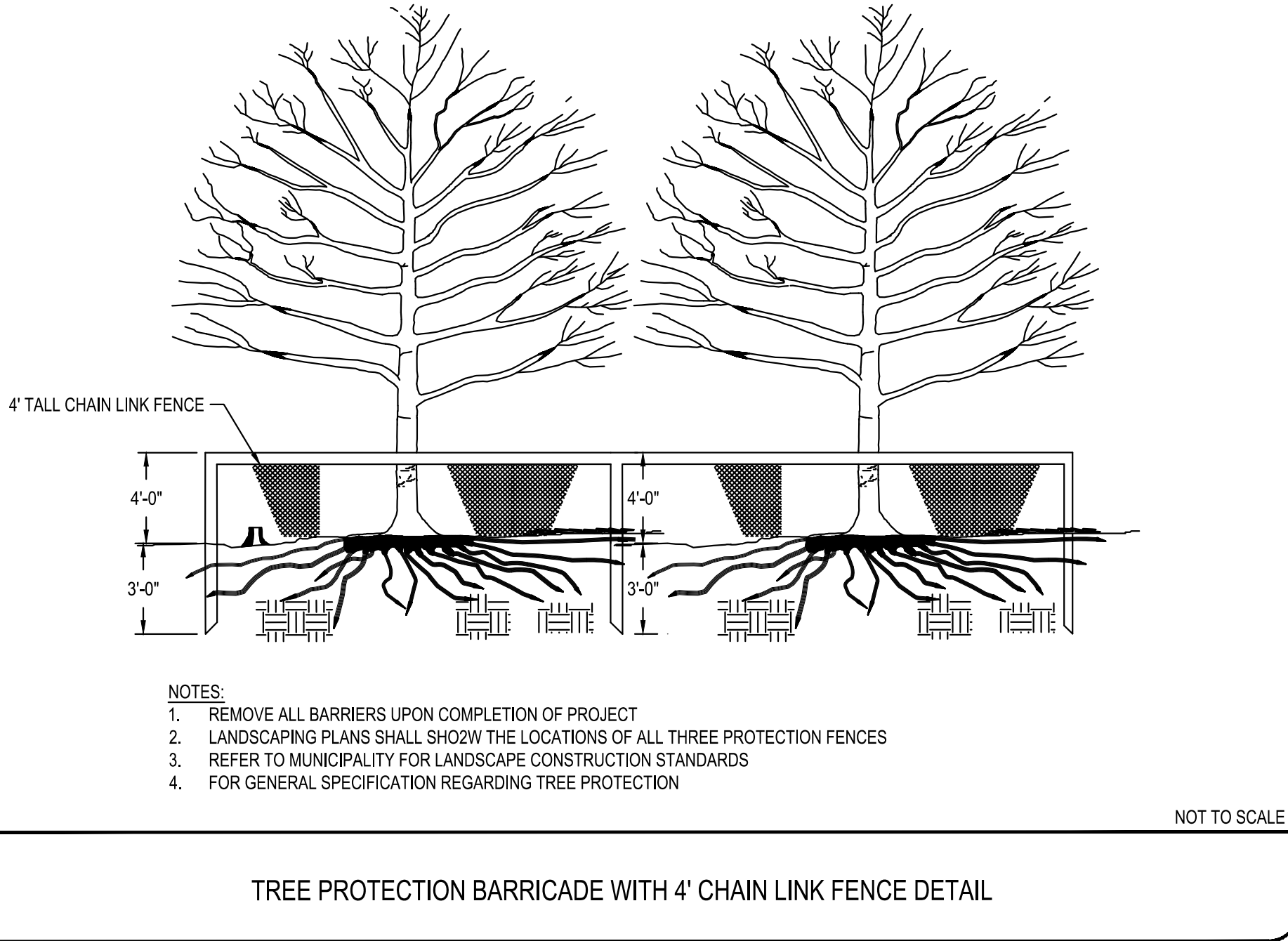
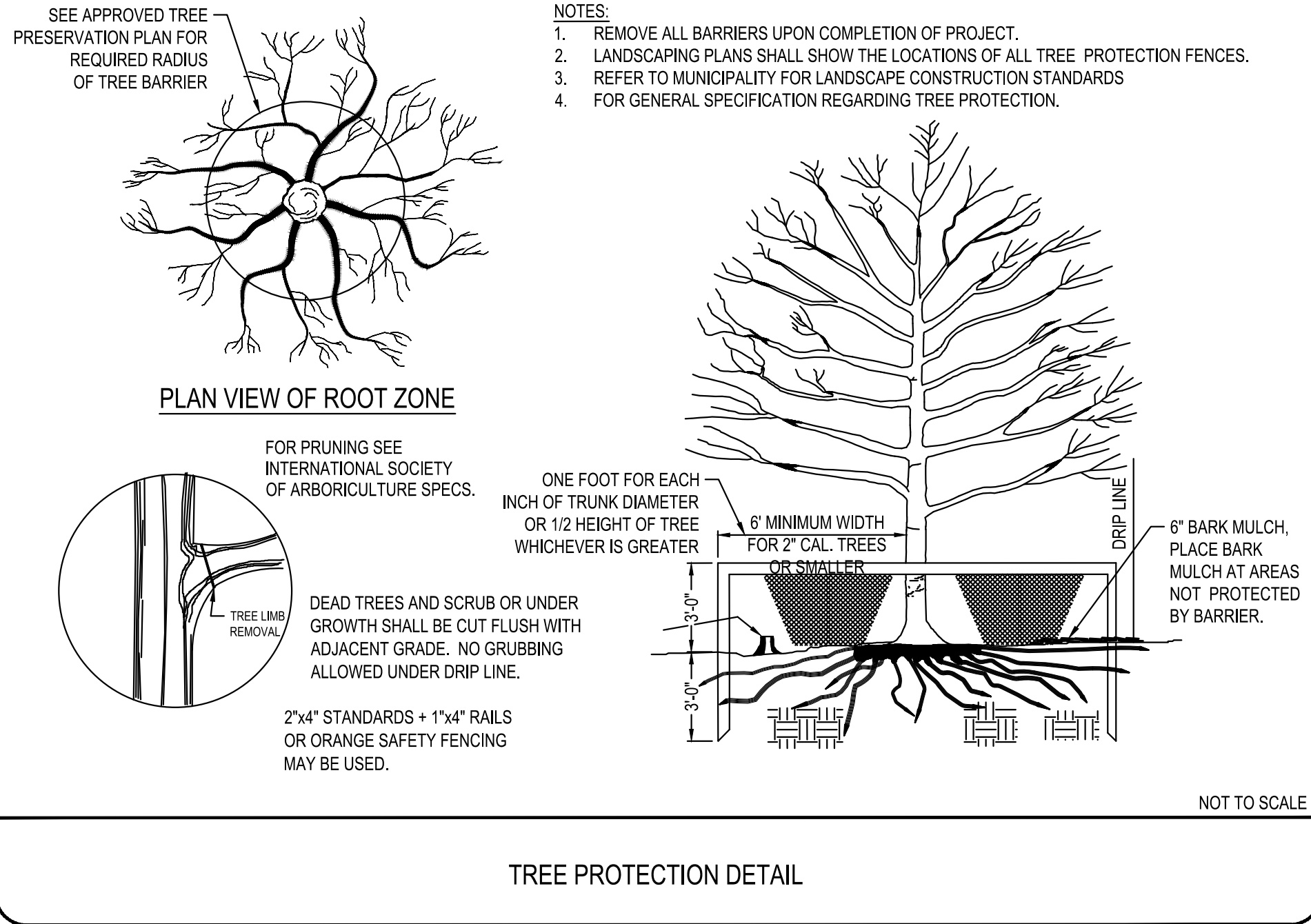
VEGETATED SHELF: 4,398 S.F. (0.5' BELOW TO 0.5' ABOVE PERMANENT POND ELEV.)

REQUIRED: .25 PLANTS PER SQUARE FOOT
(3 MINIMUM HERBACEOUS SPECIES)
0.25 PLANTS x 4,398 SF = 1,100 PLANTS
PROVIDED: (367) HC, (367) LC, (367) CT

SCM 4 PLANTING SCHEDULE

KEY	QTY.	SCIENTIFIC NAME	COMMON NAME	CON.
HC	367	HIBISCUS COCCINEUS	SCARLET ROSE MALLOW	24"Ø x 5" PLUG
LC	367	LOBELIA CARDINALIS	CARDINAL FLOWER	24"Ø x 5" PLUG
CT	367	CAREX TENERA	QUILL SEDGE	24"Ø x 5" PLUG

 VEGETATED SHELF MIX



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