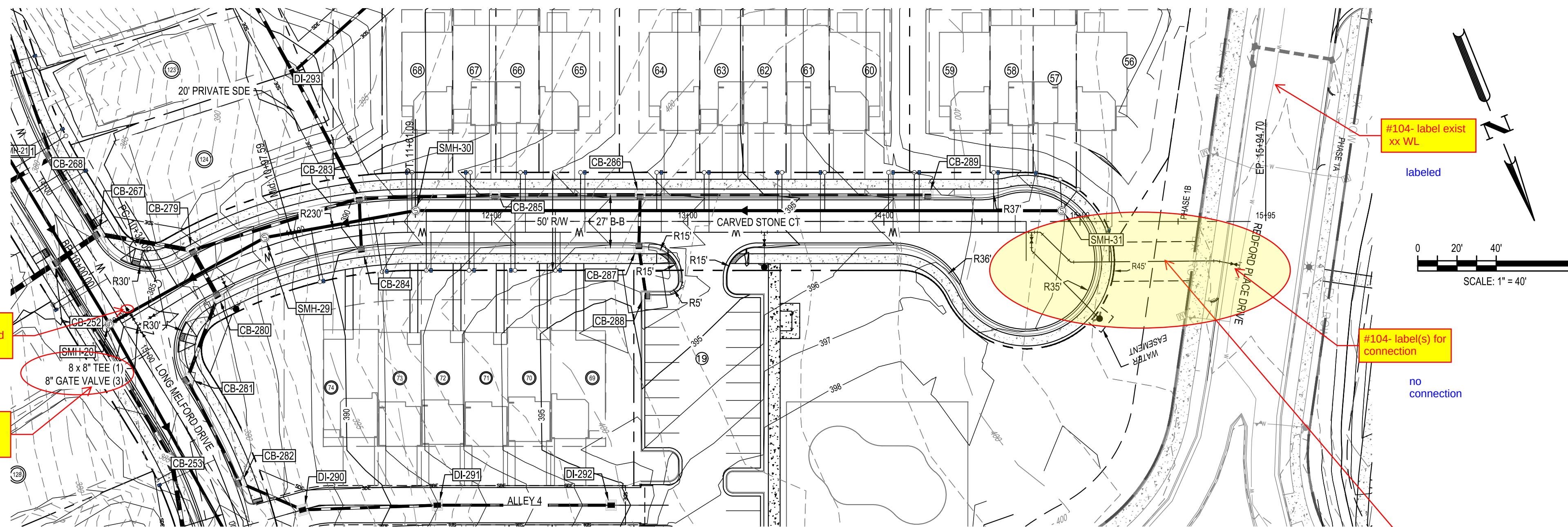
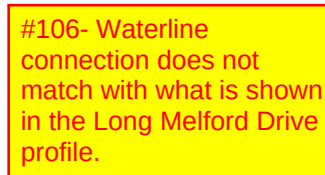


The waterline elevations have been adjusted on these sheets to match the other profiles

Separation dimensions have been updated.



The waterline connection has been removed from this street so this is not necessary.



updated

NOT FOR CONSTRUCTION

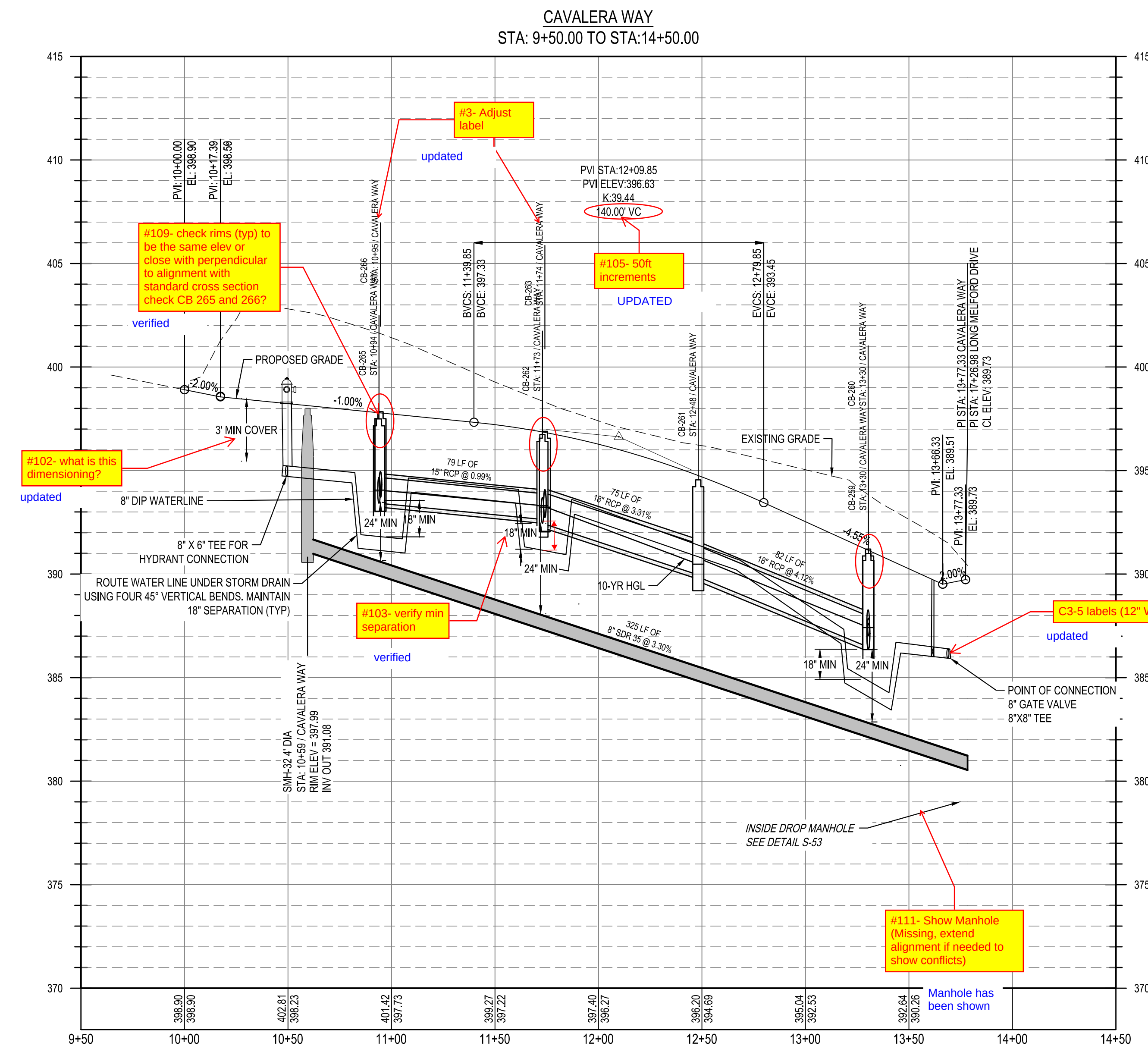
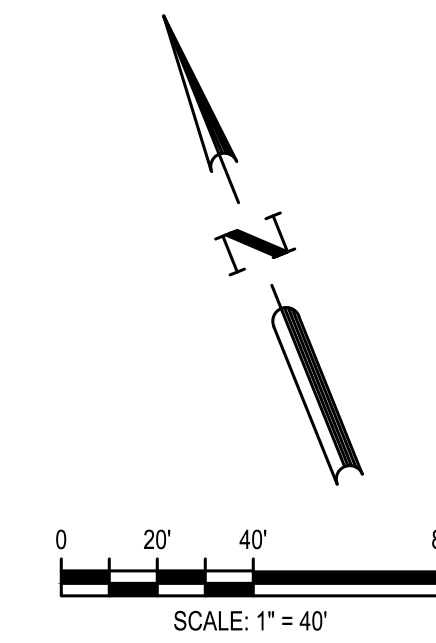
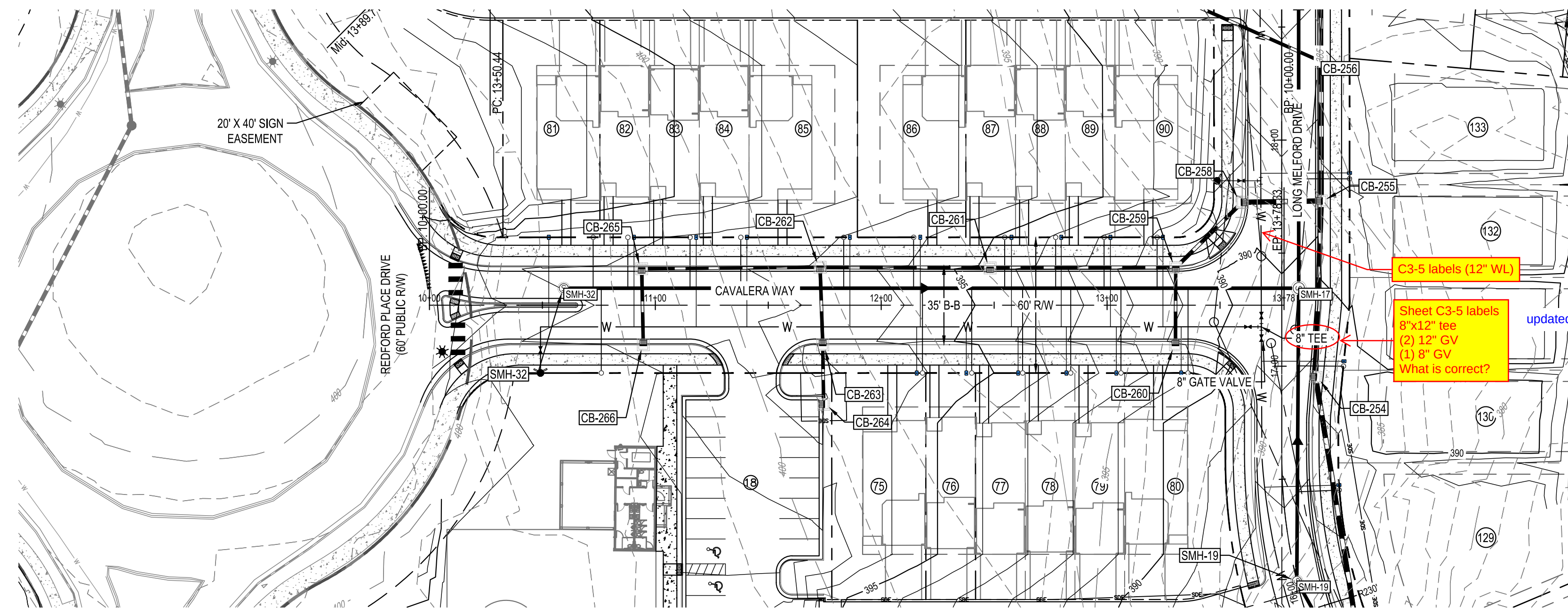
FILE NUMBER:
8430-03

DATE: 10/02/2023



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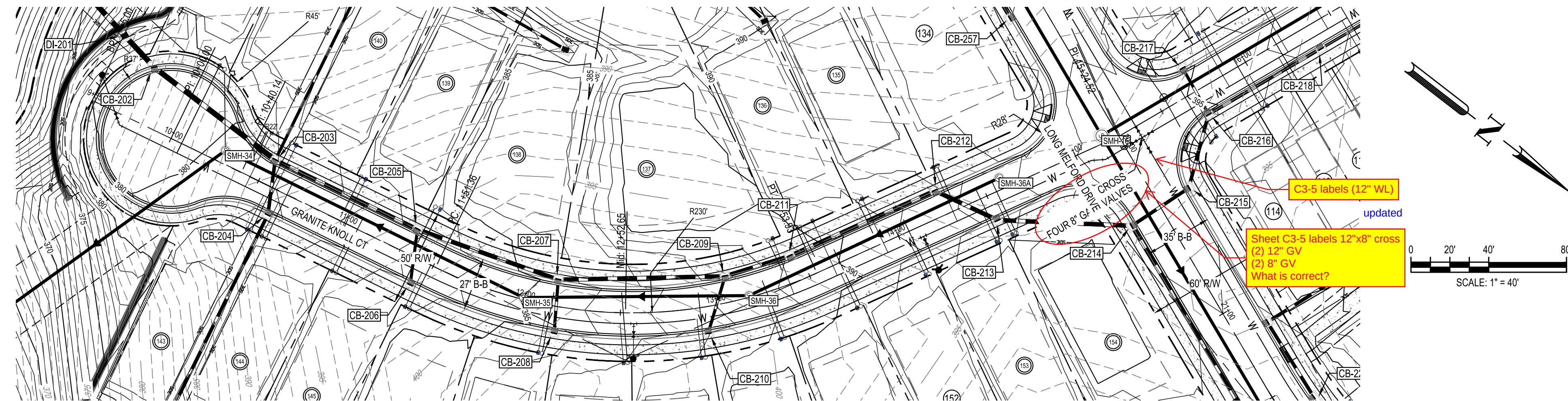
#102- Make sure dimensions are in the correct locations and it is clear what is being dimensions. Some dimensions don't seem to line up with top/bottom of pipes. If crossings do not meet minimum requirements, the design will need to be adjusted. Minimum separation requirements should be shown at all pipe crossings. This comment applies to all profile sheets.



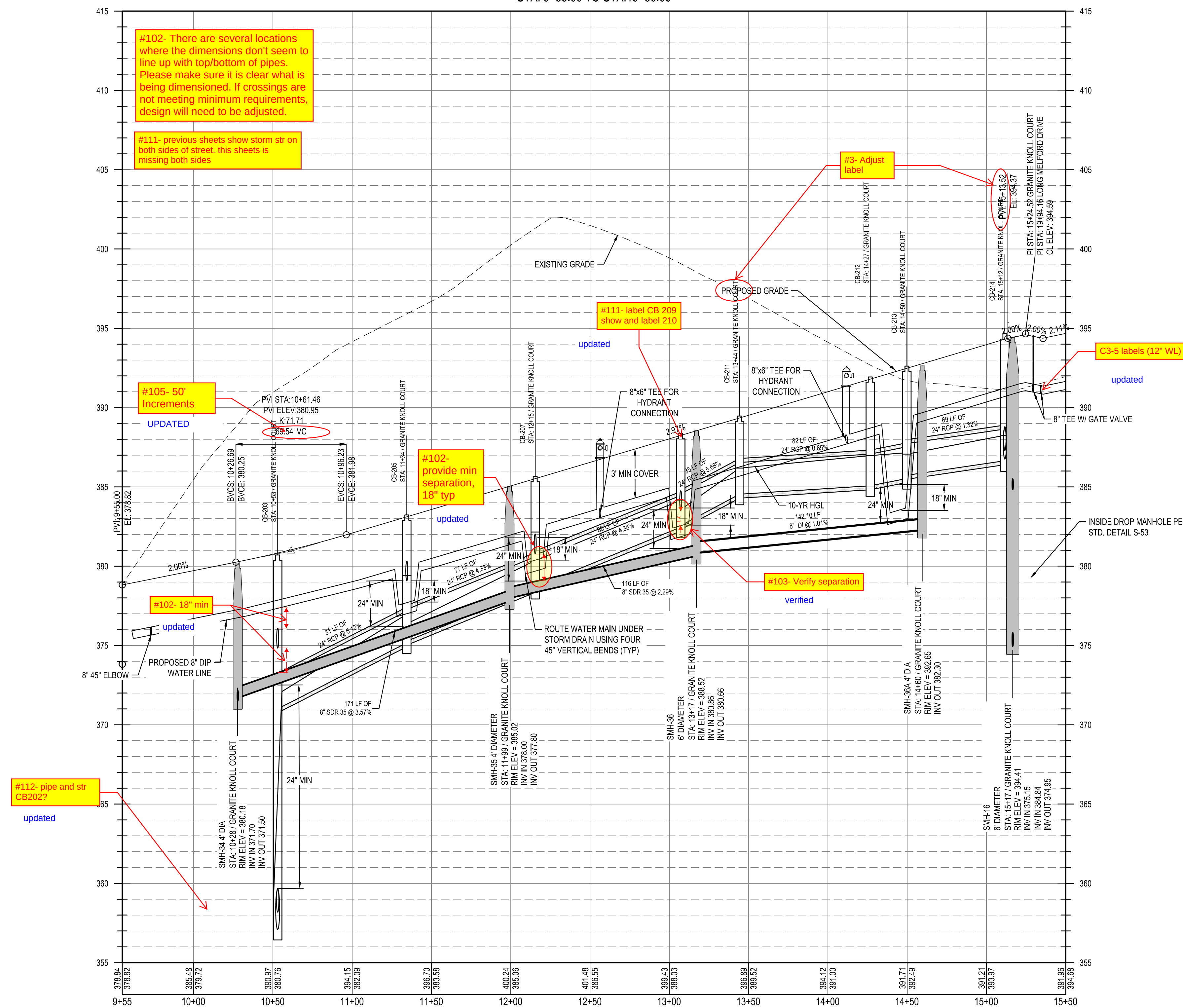
\\browningay.net\panzura\Regions\NCA\Projects\Lennar\8430-03 - Lennar - School Street - Rolesville\03 - DWG\PlanSheets\On-Site\06-0 ROAD PLAN AND PROFILE.dwg Layout: 06-1 STREET B PLAN AND PROFILE Plotted: 10/2/2023 4:39:33 PM

[illegible]

#23- There are several instances where water line, tees/crosses, and valve sizes differ between Utility plan sheets and Plan and Profile sheets. Please make the necessary adjustments to ensure that water lines, connections, and valves correct sizes remain consistent throughout all sheets.



GRANITE KNOLL COURT
STA: 9+55.00 TO STA:15+50.00



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 FILE NUMBER:
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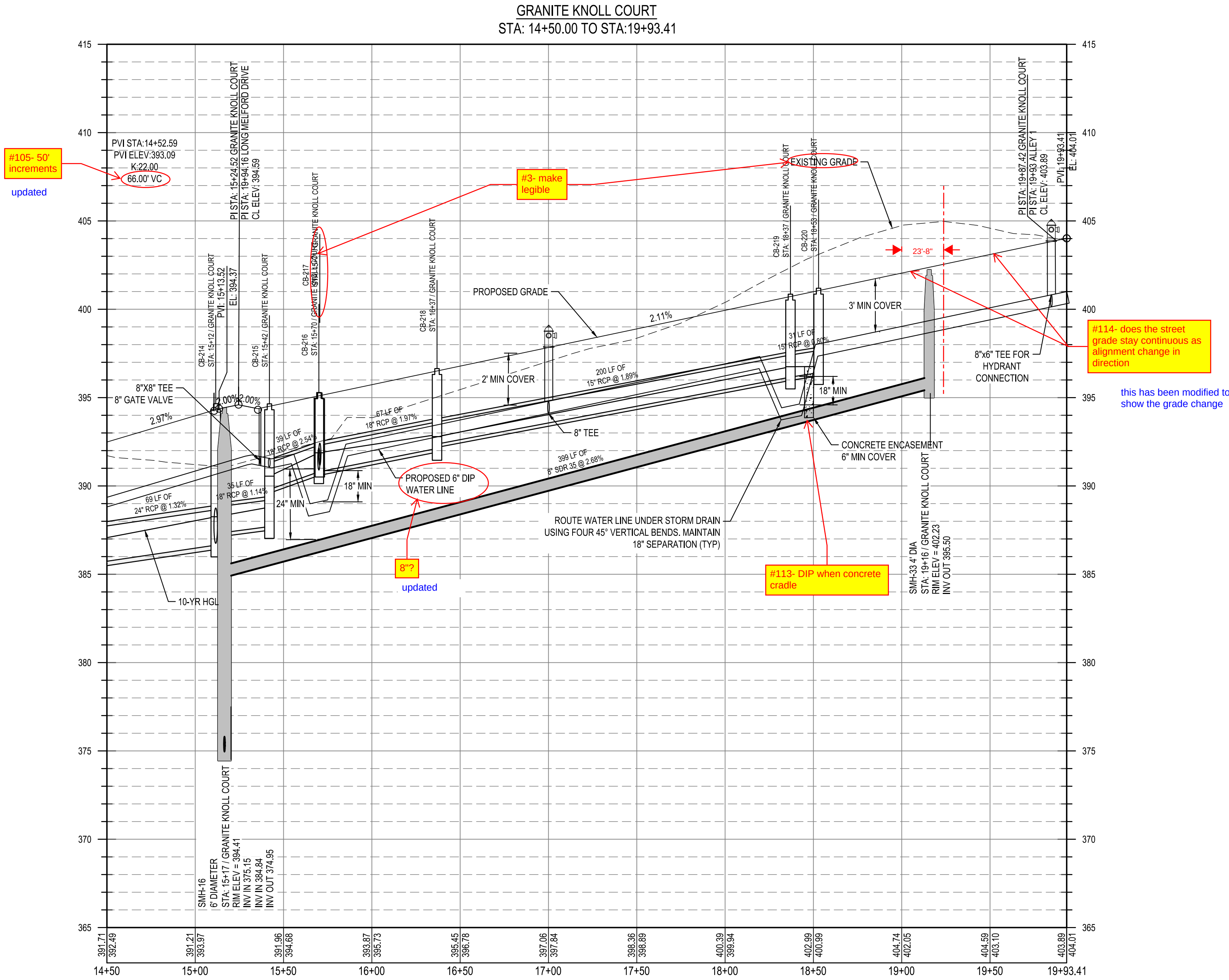
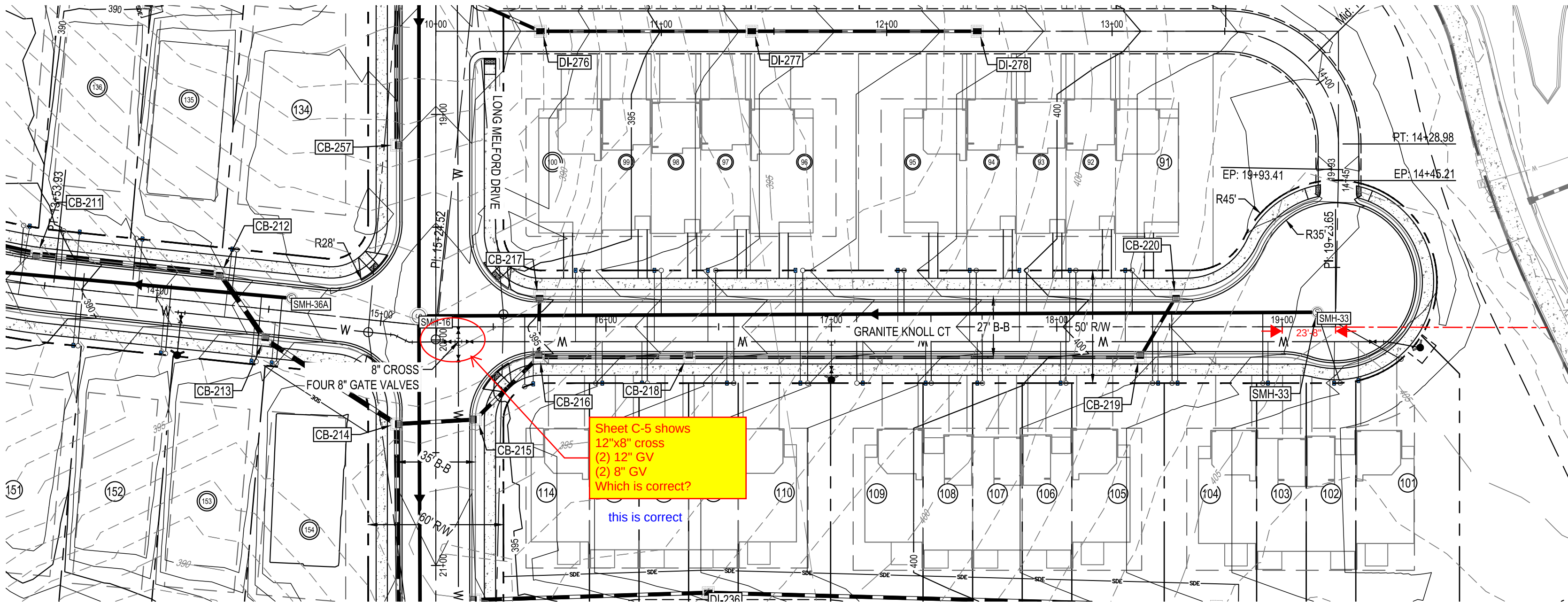
GRANITE KNOLL CT PLAN
AND PROFILE (1 OF 2)

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DRAWN BY:	DF/JWM	08/01/2023	PER TOWN OF ROLESVILLE COMMENT
REVIEWED BY:	DF	06/01/2023	INITIAL SUBMITTAL

#23- There are several instances where water line, tees/crosses, and valve sizes differ between Utility plan sheets and Plan and Profile sheets. Please make the necessary adjustments to ensure that water lines, connections, and valves correct sizes remain consistent throughout all sheets.



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FILE NUMBER: 8430-03
DATE: 10/02/2023

C6-3

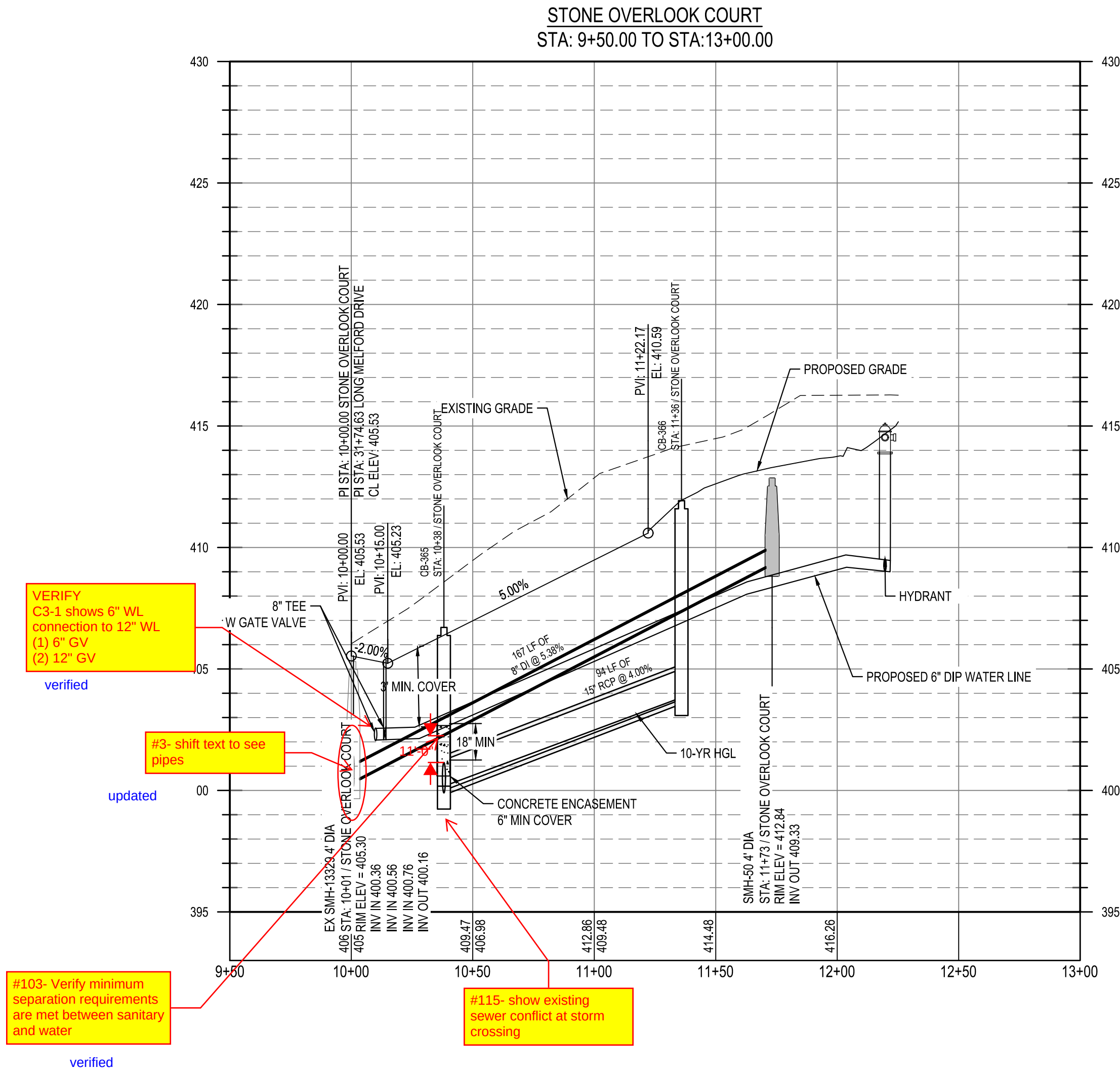
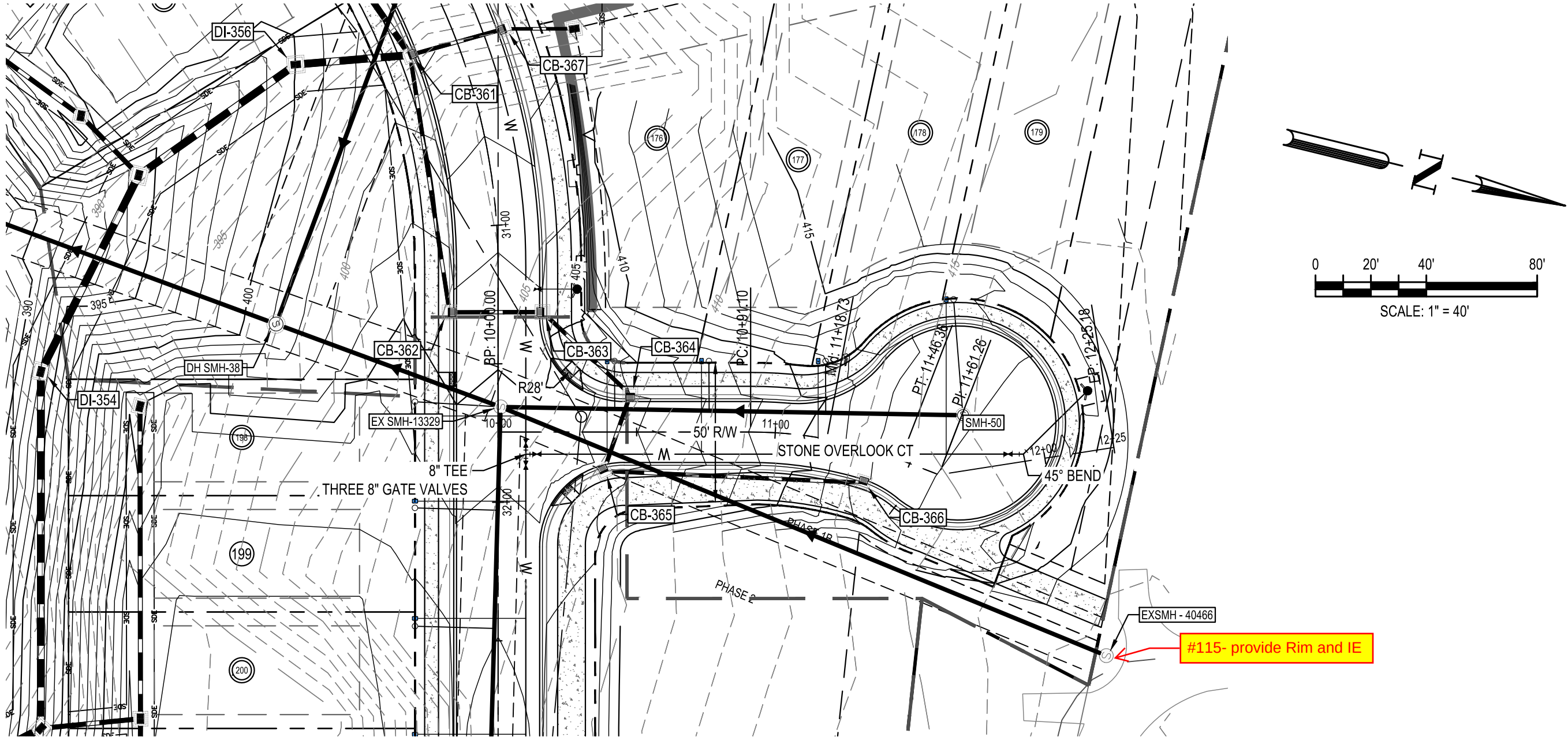
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DRAWN BY:					
REVIEWED BY:	DF				
REV	06/01/2023	INITIAL	SUBMITTAL		
	08/01/2023	PER TOWN OF ROLESVILLE COMMENT			
	10/02/2023	PER TOWN OF ROLESVILLE COMMENT			

#23- There are several instances where water line, tees/crosses, and valve sizes differ between Utility plan sheets and Plan and Profile sheets. Please make the necessary adjustments to ensure that water lines, connections, and valves correct sizes remain consistent throughout all sheets.



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FILE NUMBER:
8430-03
DATE: 10/02/2023

C6-4

PARKER RIDGE
82 SCHOOL STREET
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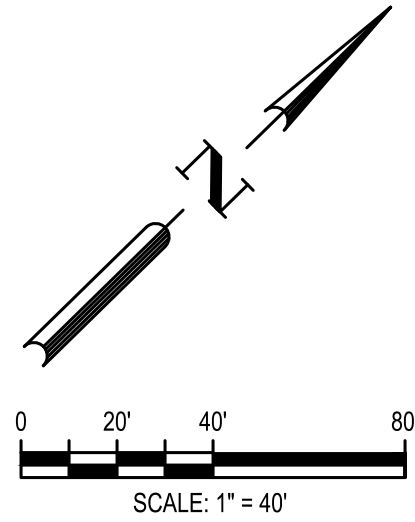
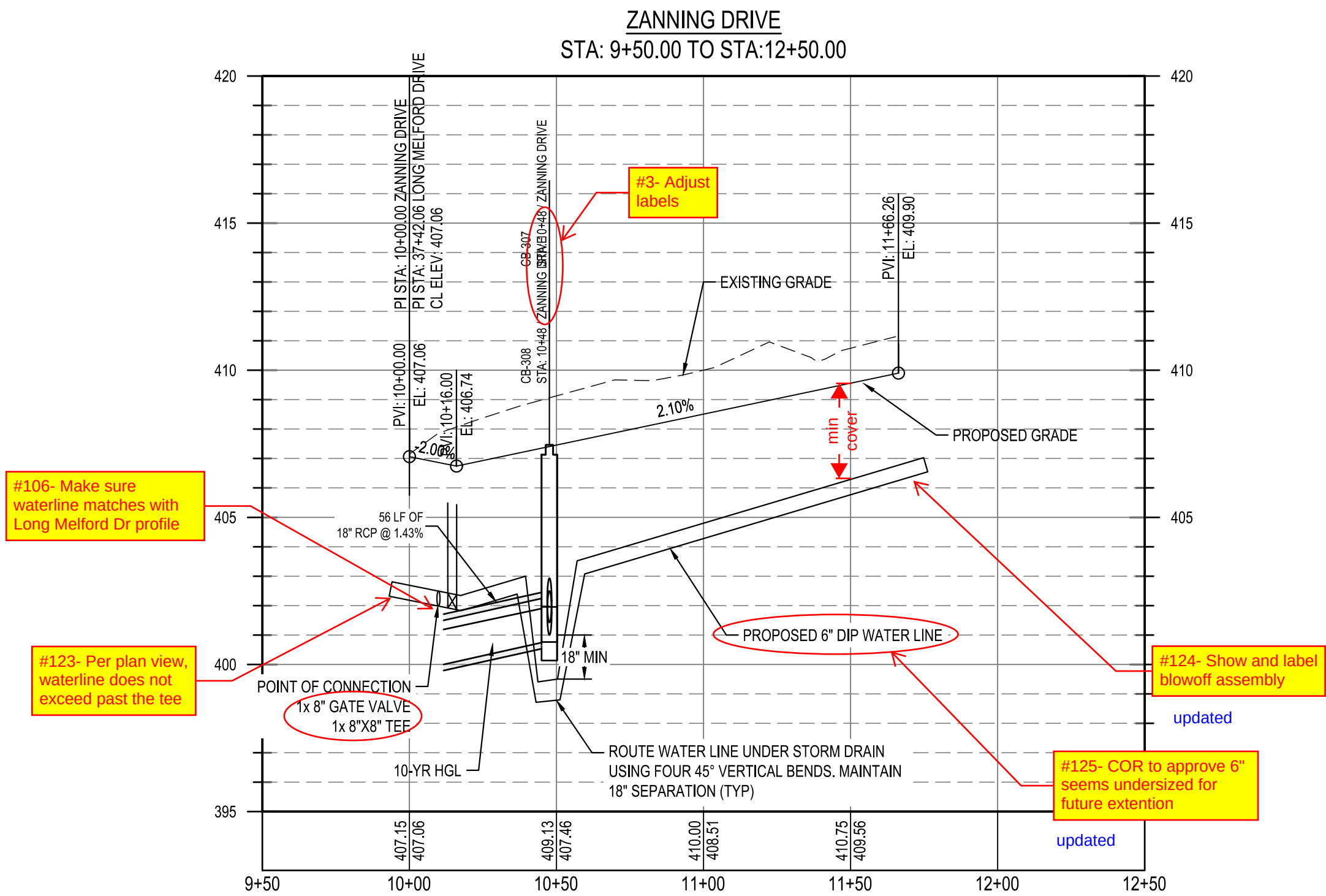
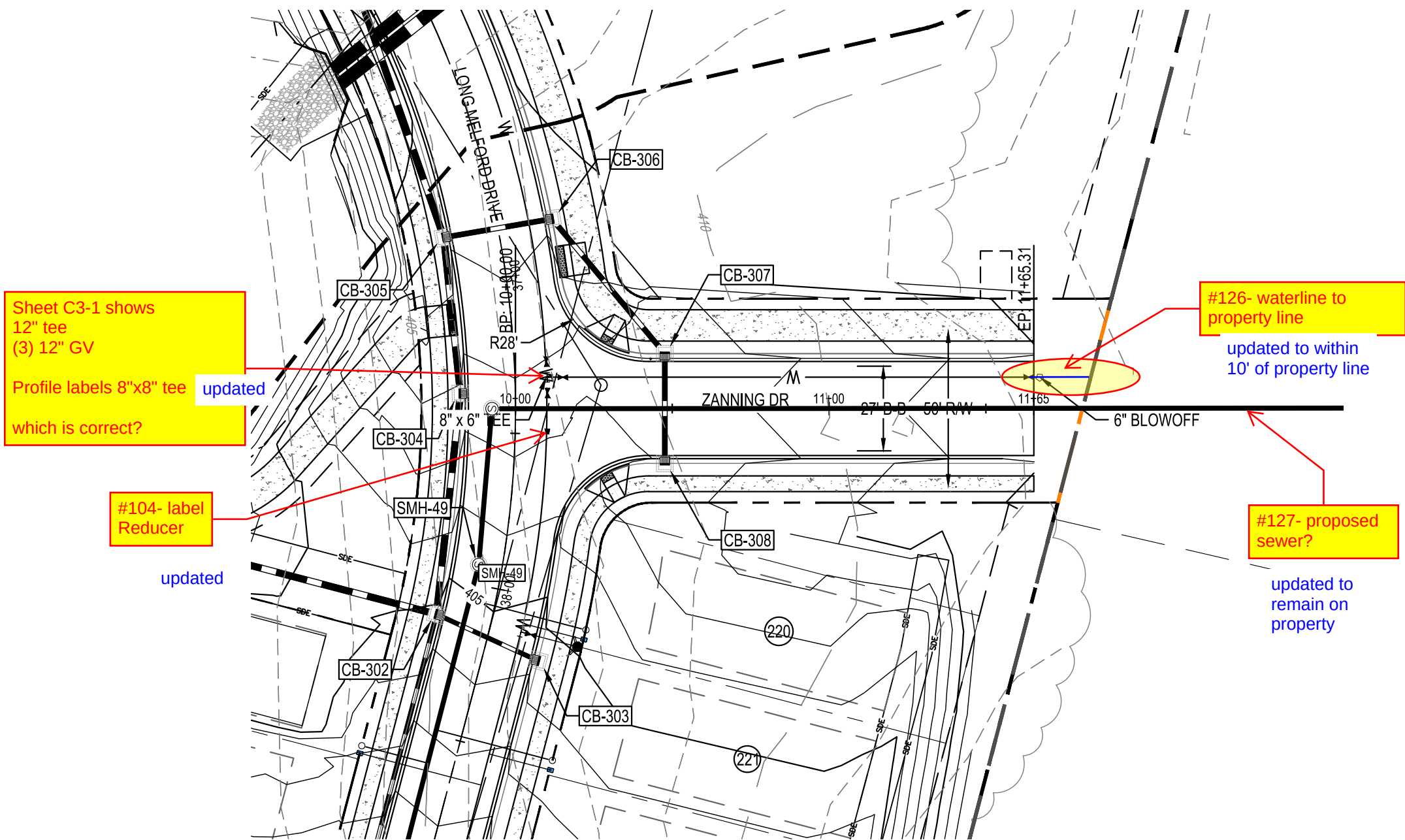
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DRAWN BY: DF/JWM
REVIEWED BY: DF

REV	PER TOWN OF ROLESVILLE COMMENT	INITIAL SUBMITTAL
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08/01/2023	PER TOWN OF ROLESVILLE COMMENT	
06/01/2023	INITIAL SUBMITTAL	

#23- There are several instances where water line, tees/crosses, and valve sizes differ between Utility plan sheets and Plan and Profile sheets. Please make the necessary adjustments to ensure that water lines, connections, and valves correct sizes remain consistent throughout all sheets.



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DATE: 10/02/2023

C6-8

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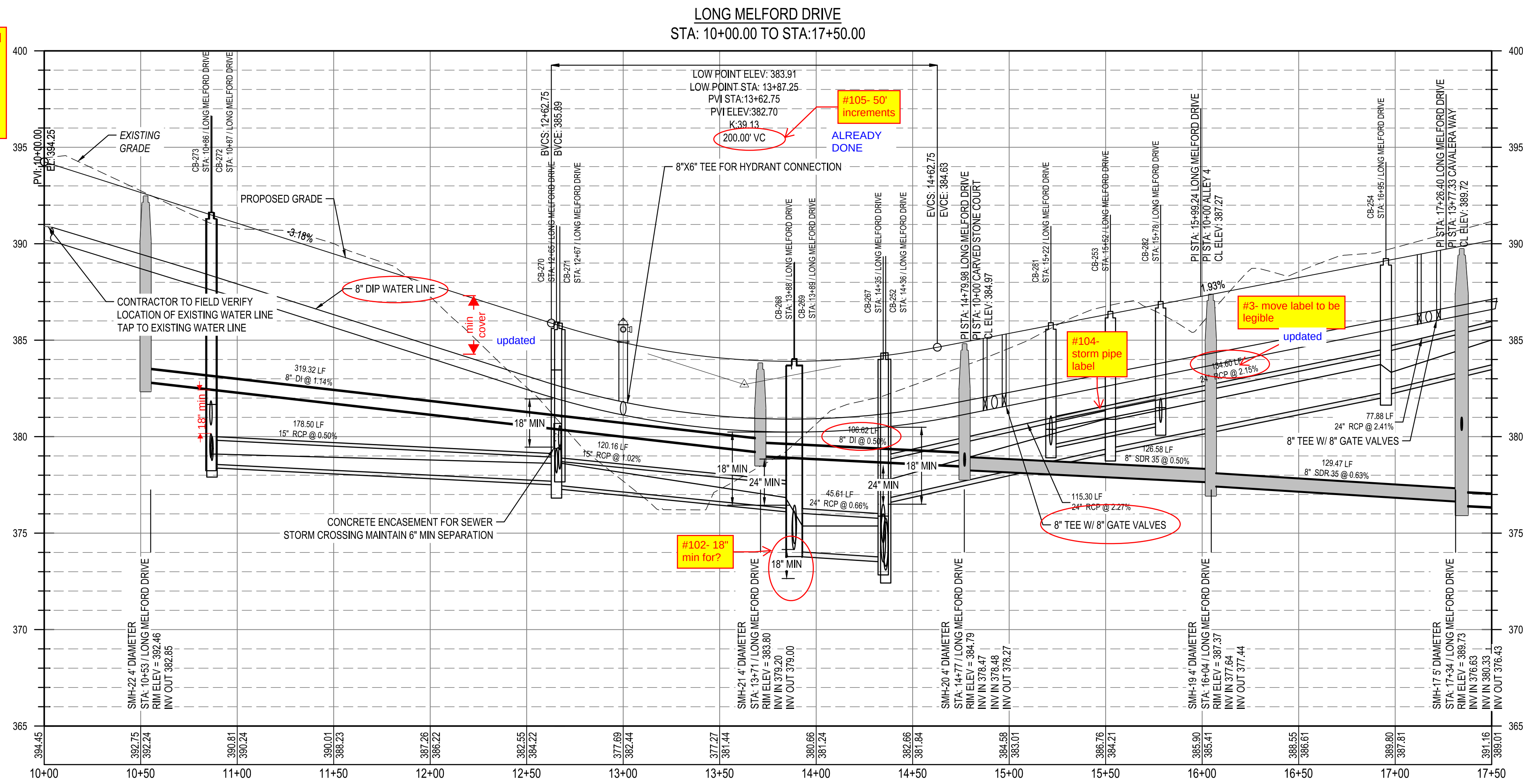
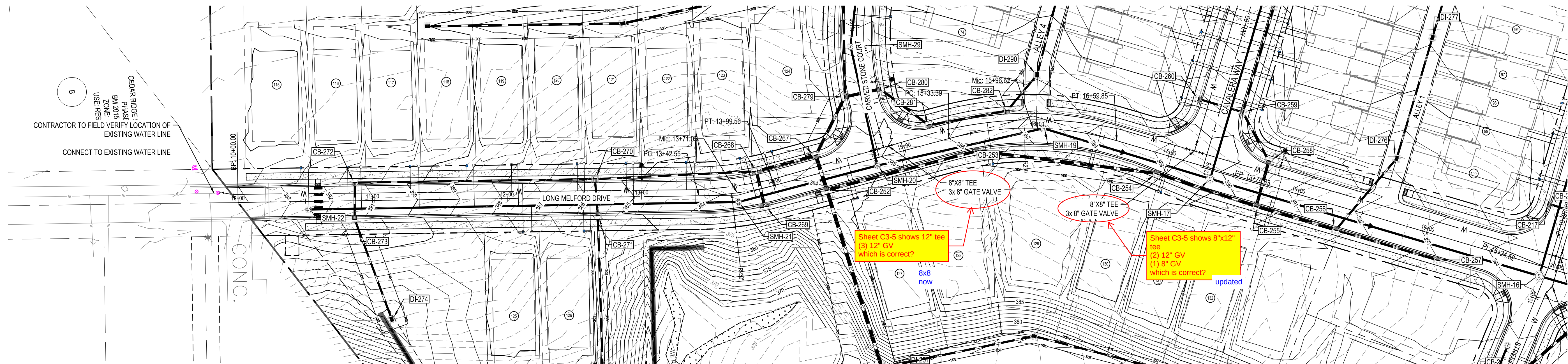
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DRAWN BY:	DF/JWM
REVIEWED BY:	DF

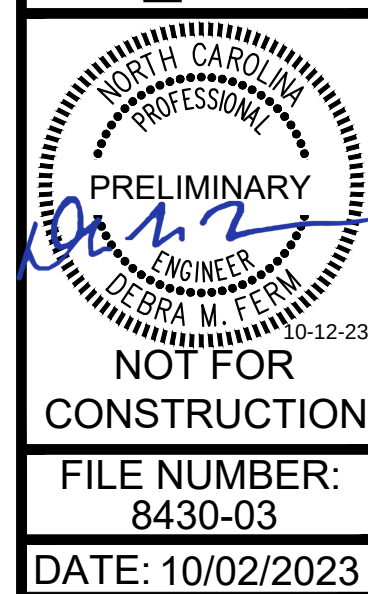
REV	06/01/2023	INITIAL SUBMITTAL
△	08/01/2023	PER TOWN OF ROLESVILLE COMMENT
△	10/02/2023	PER TOWN OF ROLESVILLE COMMENT

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#102- Make sure dimensions are in the correct locations and it is clear what is being dimensions. Some dimensions don't seem to line up with top/bottom of pipes. If crossings do not meet minimum requirements, the design will need to be adjusted. Minimum separation requirements should be shown at all pipe crossings. This comment applies to all profile sheets.



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FILE NUMBER:
8430-03
DATE: 10/02/2023

C6-9

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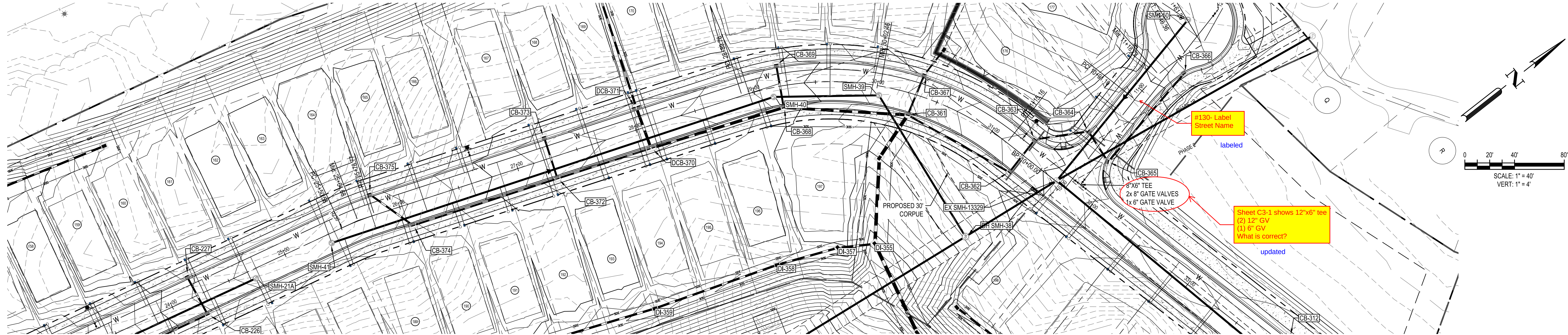
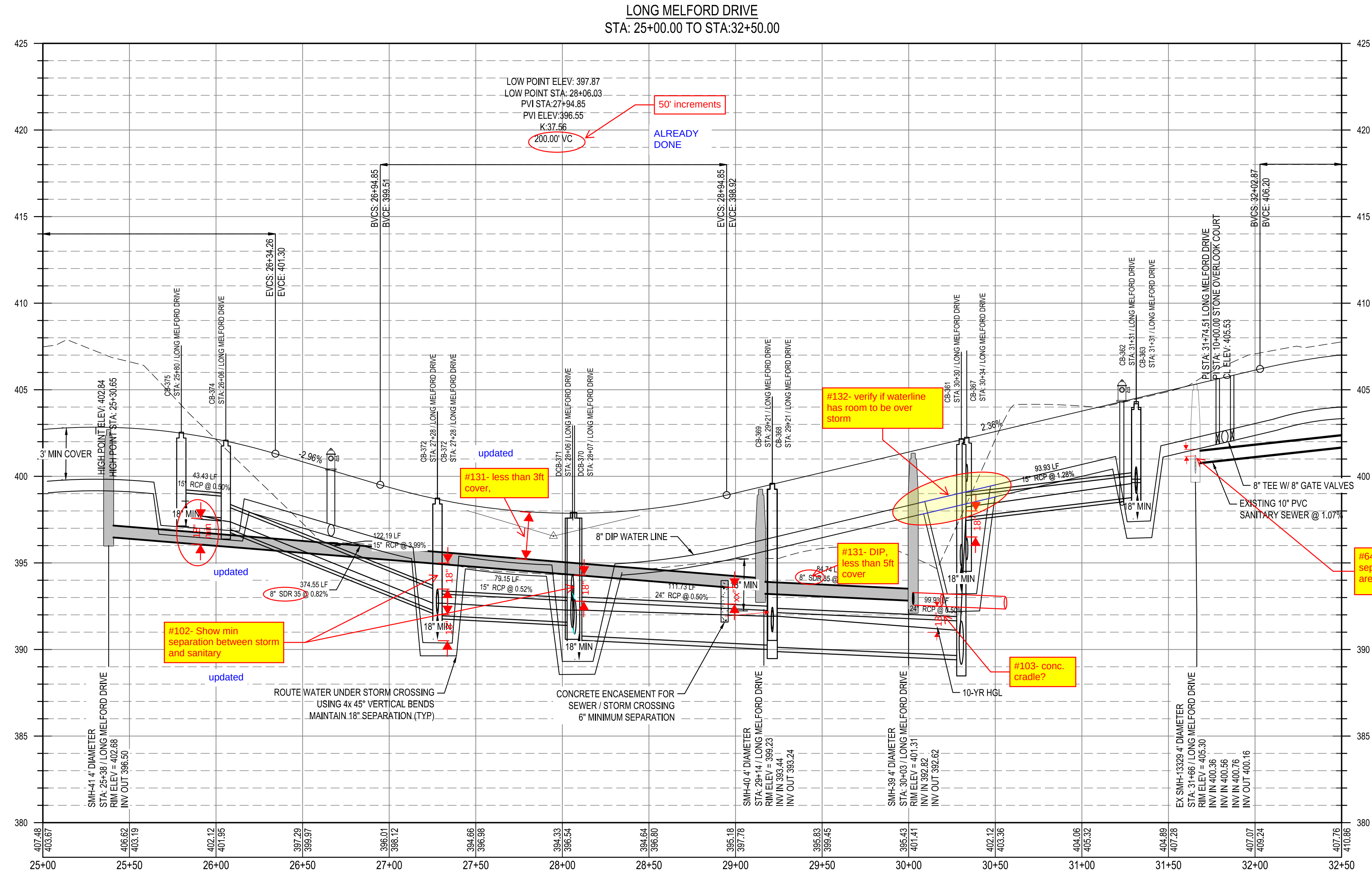
DESIGNED BY: DF/CD
DRAWN BY: DF/JWM
REVIEWED BY: DF

10/02/2023 PER TOWN OF ROLESVILLE COMMENT
08/01/2023 PER TOWN OF ROLESVILLE COMMENT
06/01/2023 INITIAL SUBMITTAL

\\browngay.net\panzura\Regions\NCA\Projects\Lennar\8430-03 - DWG\PlanSheets\On-Site\CB-9 LONG MELFORD DRIVE PLAN AND PROFILE.dwg Layout: C6-11 LONG MELFORD DRIVE PLAN AND PROFILE (3 OF 5) Plotted: 10/2/2023 4:41:26 PM

#23- There are several instances where water line, tees/crosses, and valve sizes differ between Utility plan sheets and Plan and Profile sheets. Please make the necessary adjustments to ensure that water lines, connections, and valves correct sizes remain consistent throughout all sheets.

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FILE NUMBER: 8430-03
DATE: 10/02/2023
C6-11

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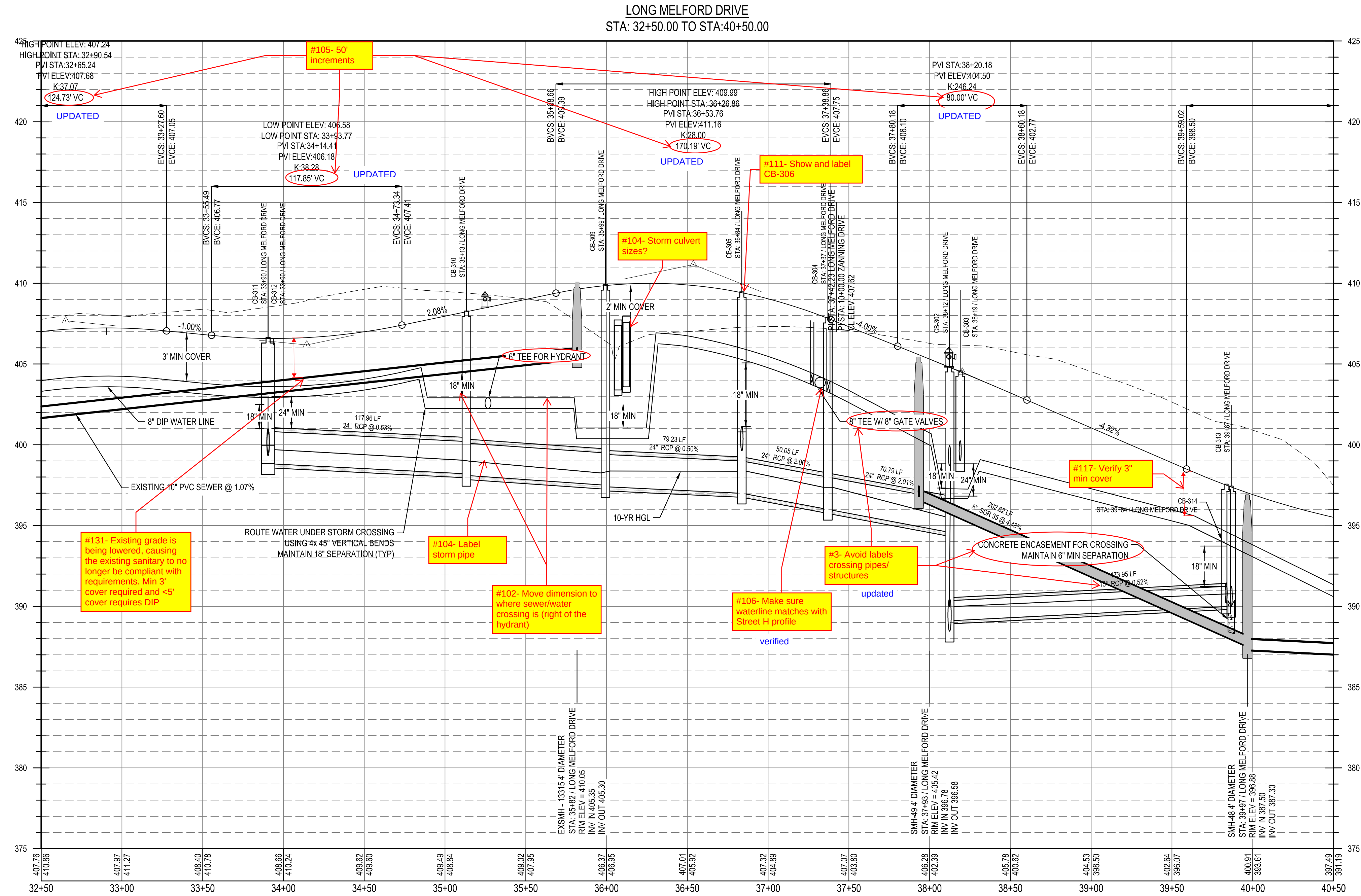
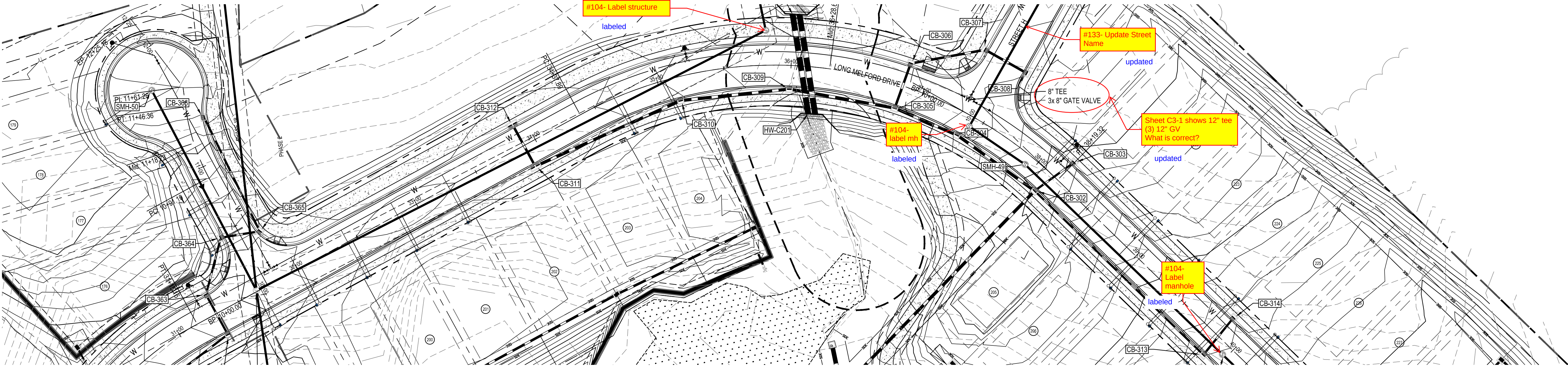
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DESIGNED BY:	DF/CD		
DRAWN BY:	DF/JWM		
REVIEWED BY:	DF		
			10/02/2023
			PER TOWN OF ROLESVILLE COMMENT
			08/01/2023
			PER TOWN OF ROLESVILLE COMMENT
			06/01/2023
			INITIAL SUBMITTAL

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#23- There are several instances where water line, tees/crosses, and valve sizes differ between Utility plan sheets and Plan and Profile sheets. Please make the necessary adjustments to ensure that water lines, connections, and valves correct sizes remain consistent throughout all sheets.

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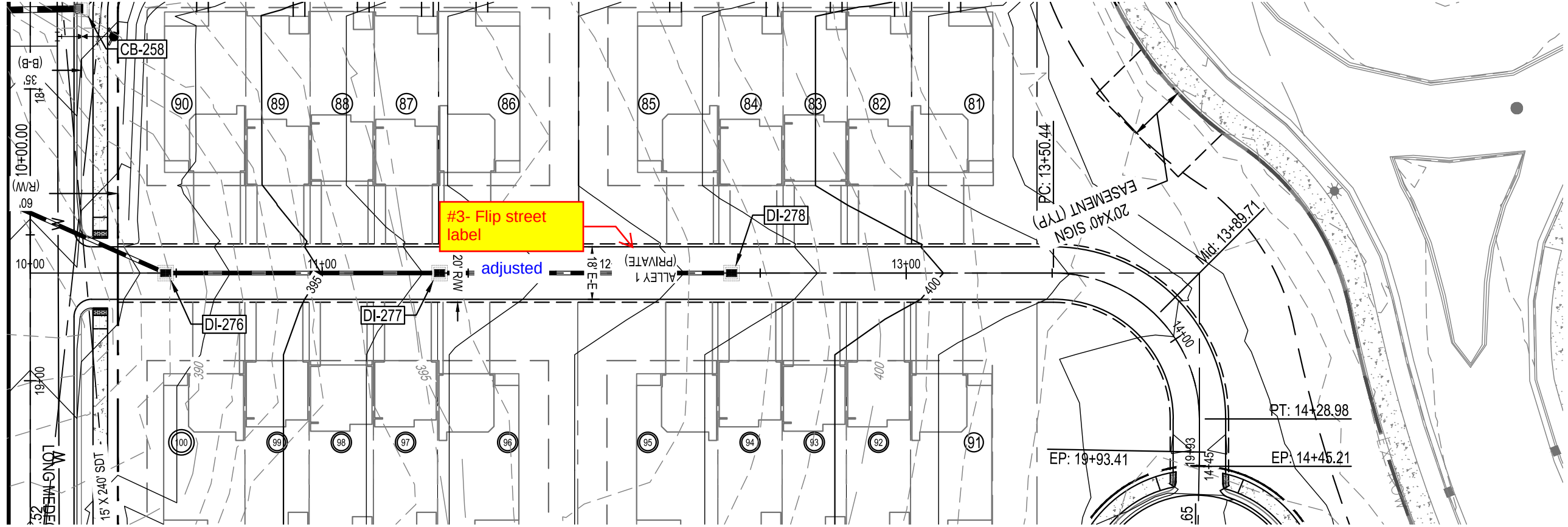
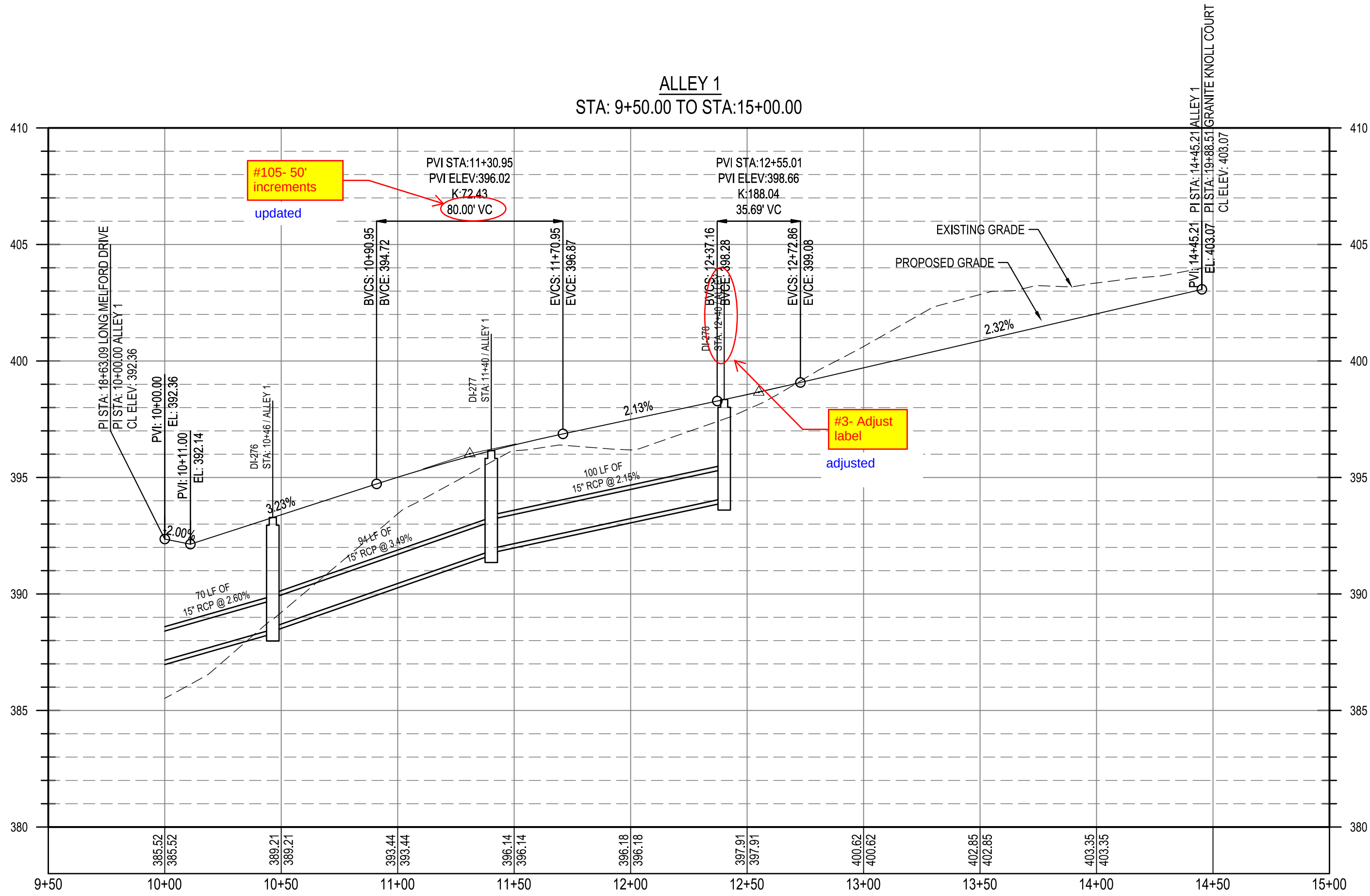
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DATE: 10/02/2023

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REV	DATE	DESCRIPTION	BY	APP
06/01/2023	06/01/2023	INITIAL SUBMITTAL	DF	CD
08/01/2023	08/01/2023	PER TOWN OF ROLESVILLE COMMENT	DF	CD
10/02/2023	10/02/2023	PER TOWN OF ROLESVILLE COMMENT	DF	CD



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FILE NUMBER:
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DATE: 10/02/2023

ALLEY 1 PLAN AND PROFILE

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ROLESVILLE / NORTH CAROLINA / 27571

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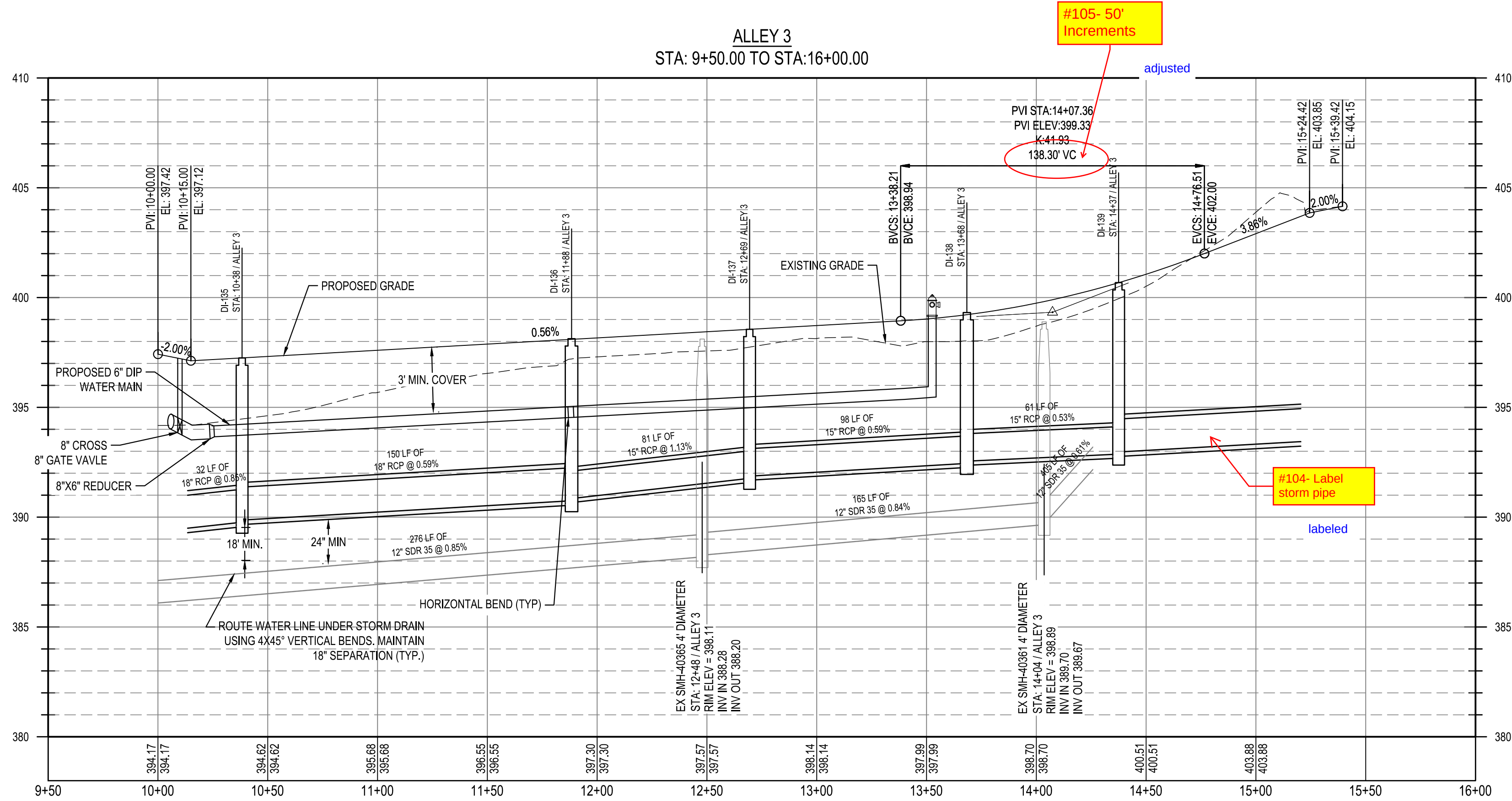
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DRAWN BY:	DF/JWM
REVIEWED BY:	DF

REV	06/01/2023	INITIAL SUBMITTAL
△	08/01/2023	PER TOWN OF ROLESVILLE COMMENT
△	10/02/2023	PER TOWN OF ROLESVILLE COMMENT

#104- Label cross and reducer
labeled



#104- Label storm pipe
labeled



PRELIMINARY
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FEDRA M. FERRIS
10-12-23
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CONSTRUCTION
FILE NUMBER:
8430-03
DATE: 10/02/2023

C6-16

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DRAWN BY:	DF/JWM				
REVIEWED BY:	DF				

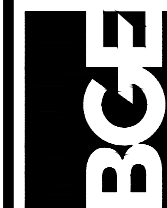


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 ENGINEER
 DEBRA M. FENN
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 DATE: 10/02/2023

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82 SCHOOL STREET
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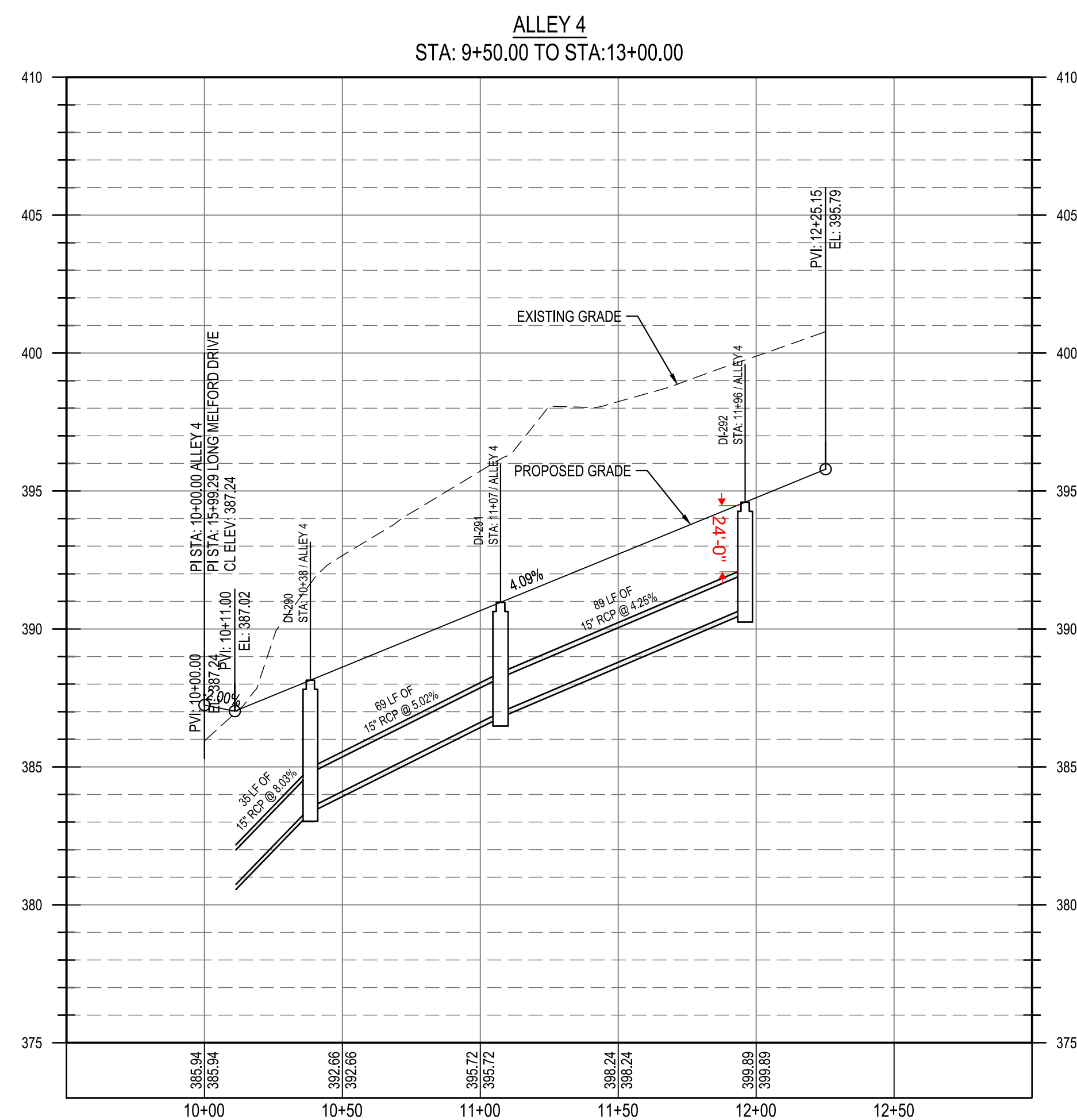
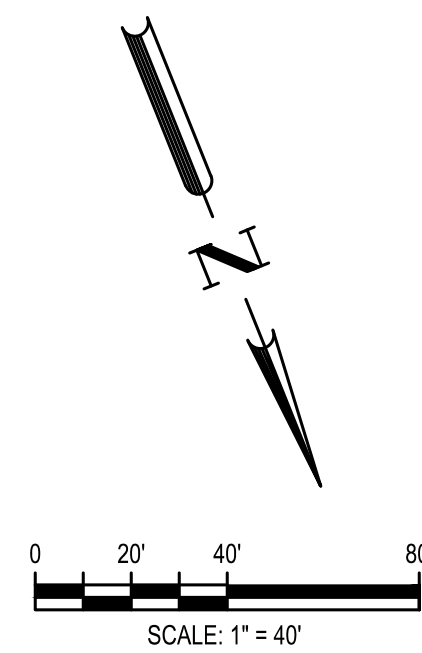
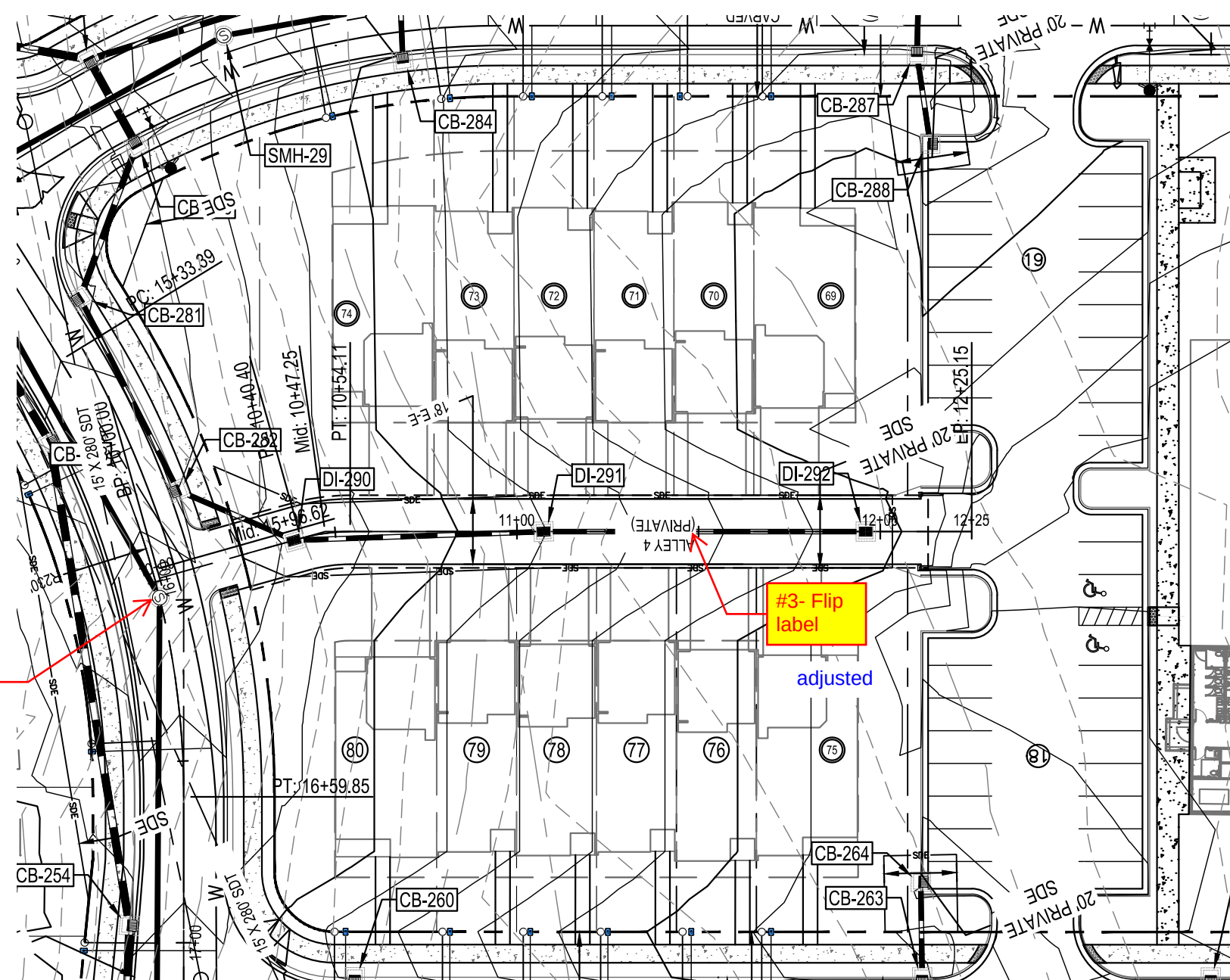
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560



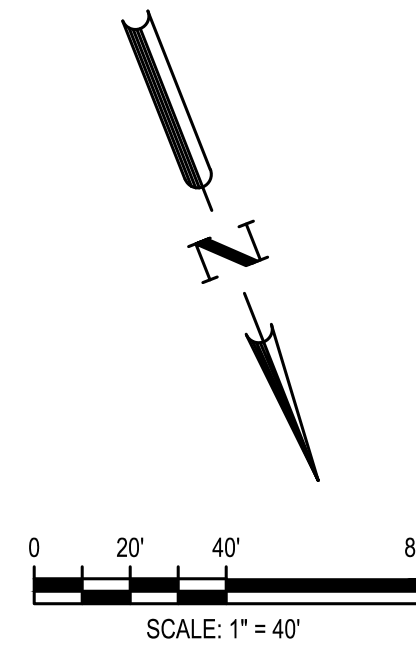
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REV	06/01/2023	INITIAL SUBMITTAL



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 10-12-23
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 FILE NUMBER:
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 DATE: 10/02/2023

GW2 GREENWAY PLAN AND
PROFILE (2 OF 2)

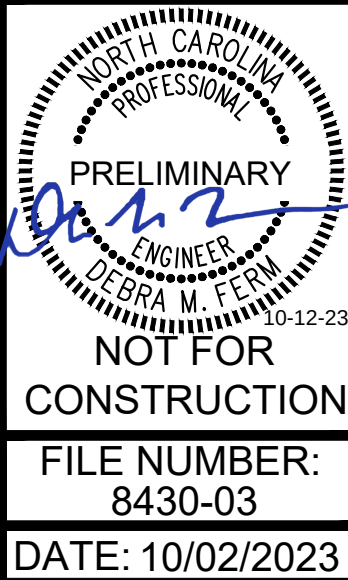
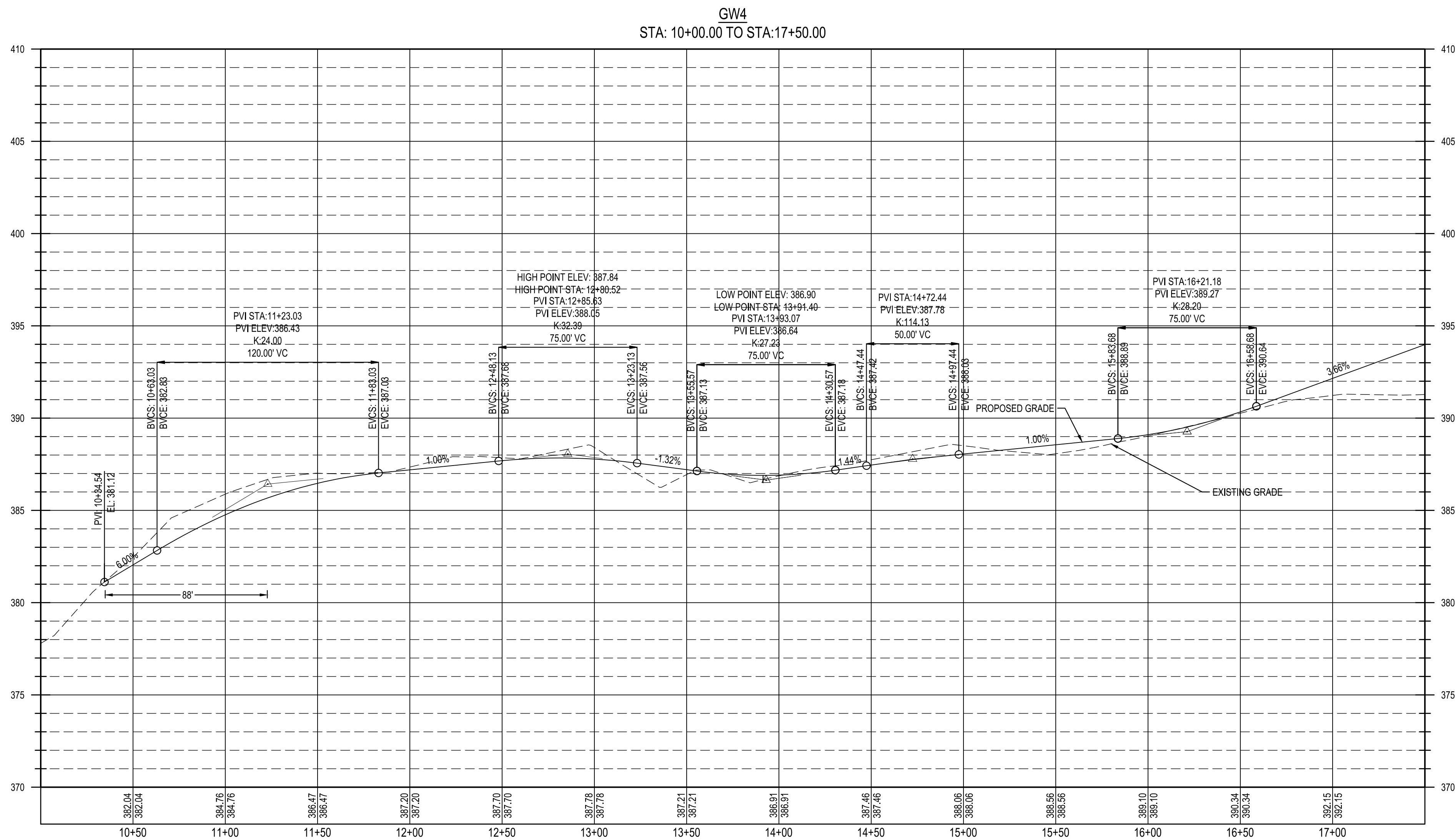
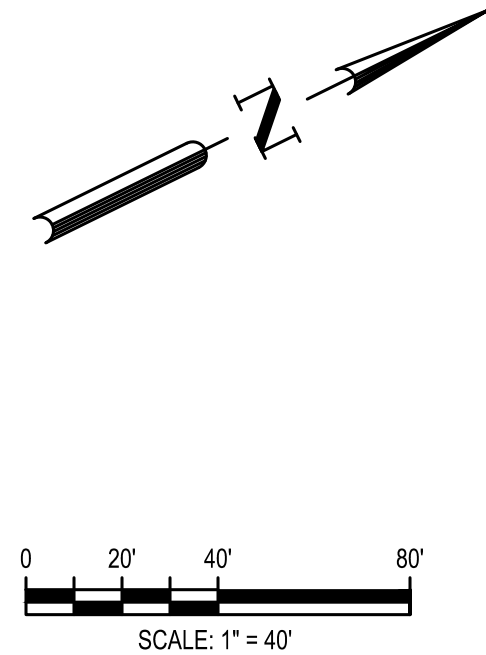
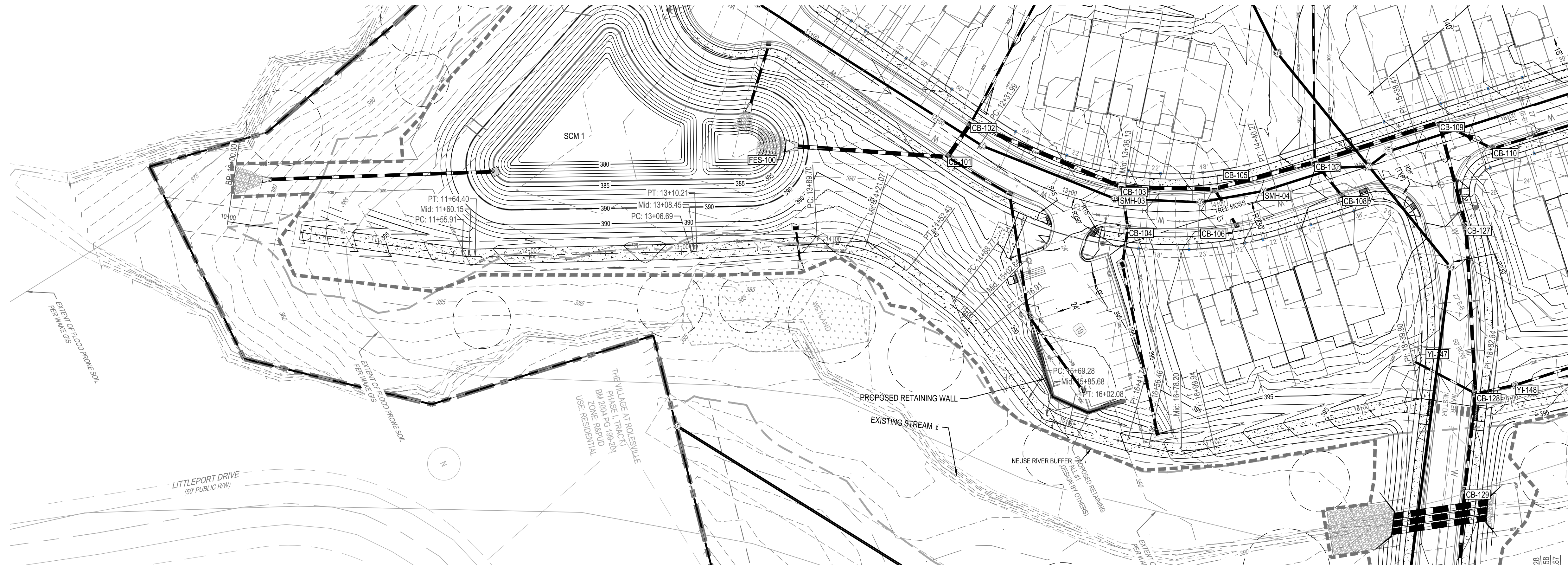
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DRAWN BY:		DF/JWM			
REVIEWED BY:		DF			

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	08/01/2023	PER TOWN OF ROLESVILLE COMMENT	
	06/01/2023	INITIAL SUBMITTAL	

C6-21

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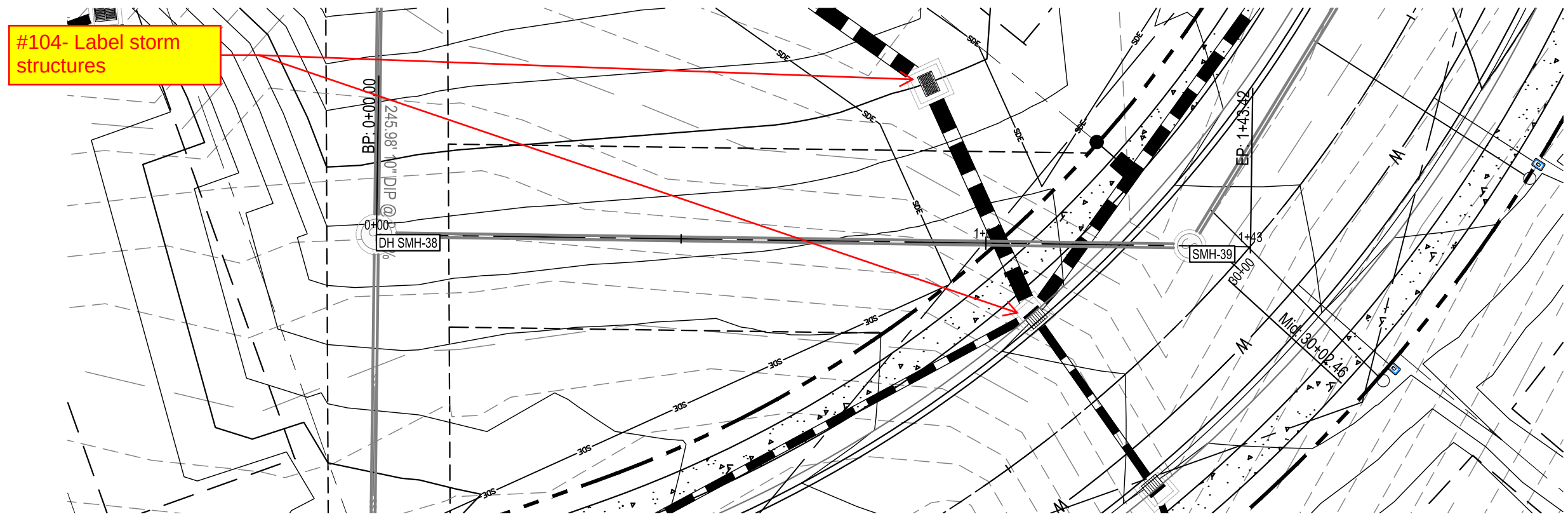


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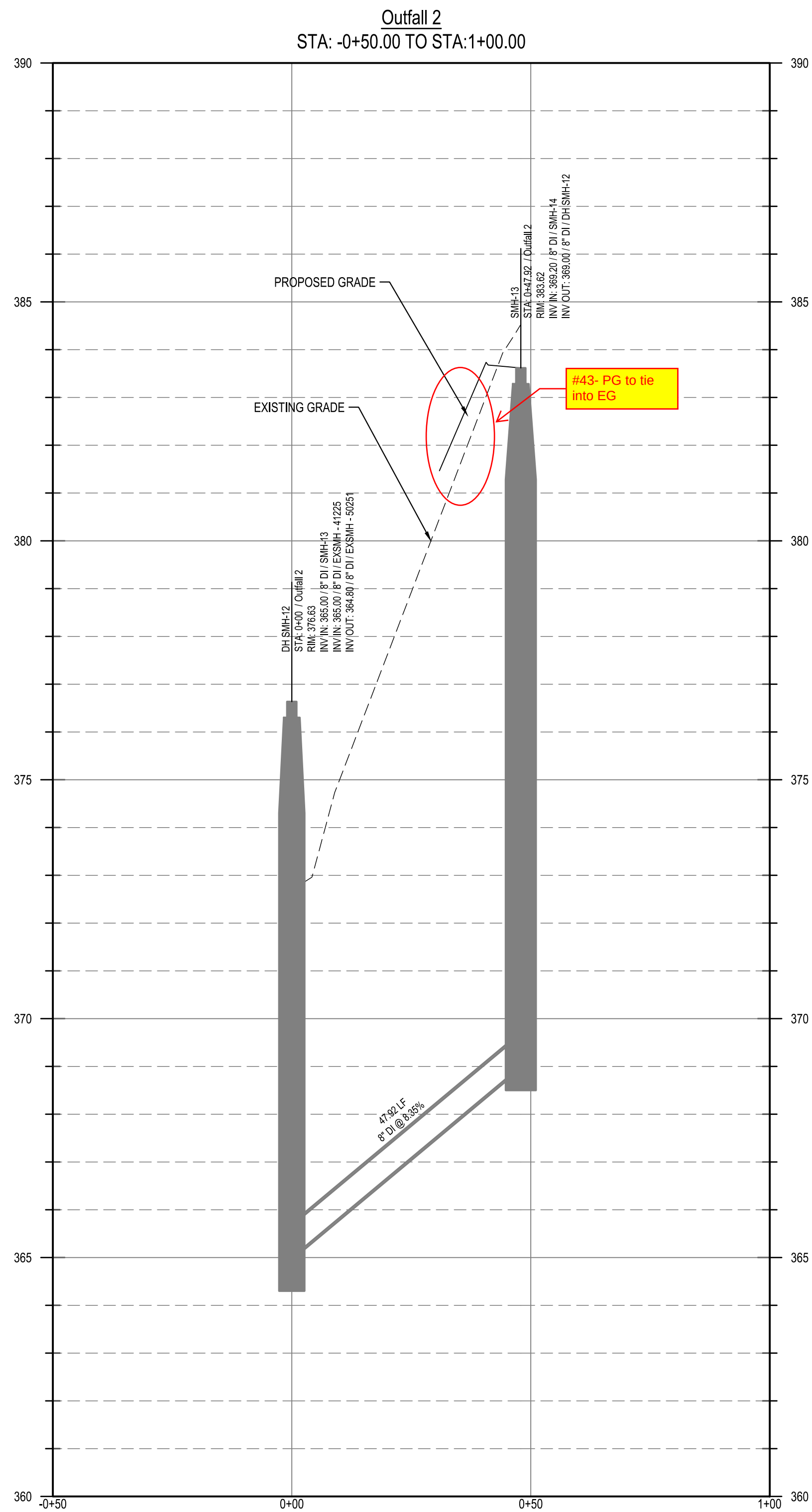
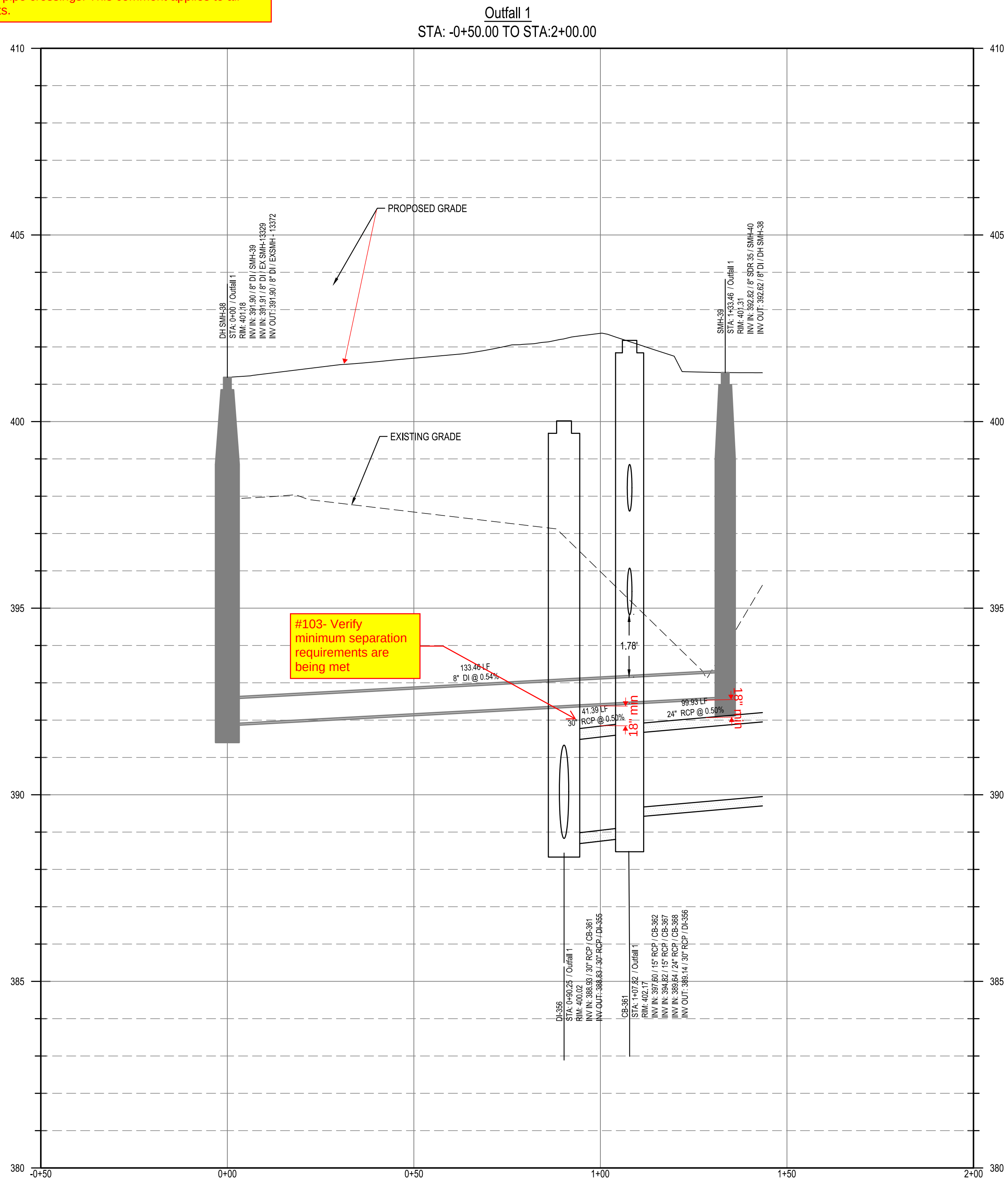
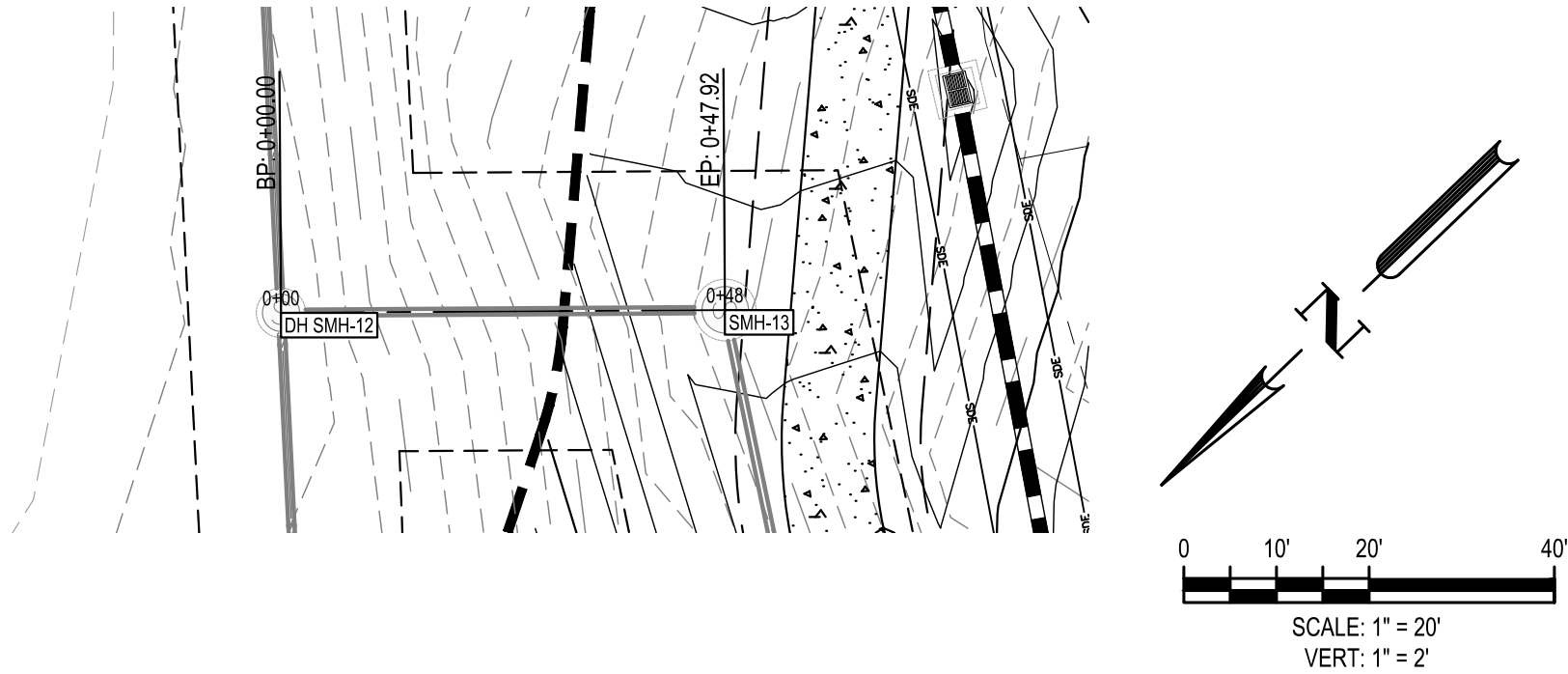
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			</	



#102- Make sure dimensions are in the correct locations and it is clear what is being dimensions. Some dimensions don't seem to line up with top/bottom of pipes. If crossings do not meet minimum requirements, the design will need to be adjusted. Minimum separation requirements should be shown at all pipe crossings. This comment applies to all profile sheets.



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NOT FOR
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FILE NUMBER:
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DATE: 10/02/2023
C6-25

SEWER OUTFALL 1 AND 2
PLAN AND PROFILE

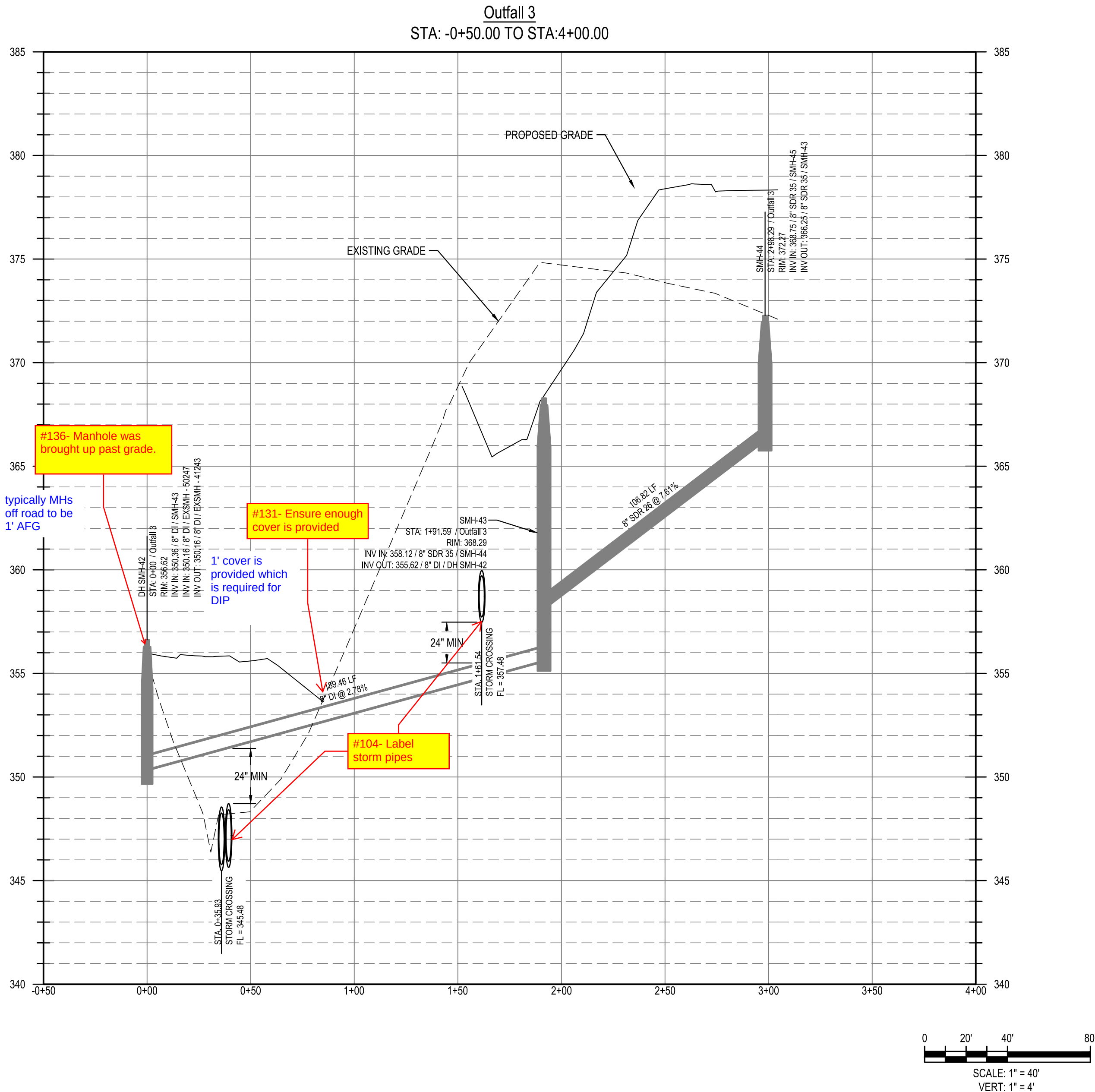
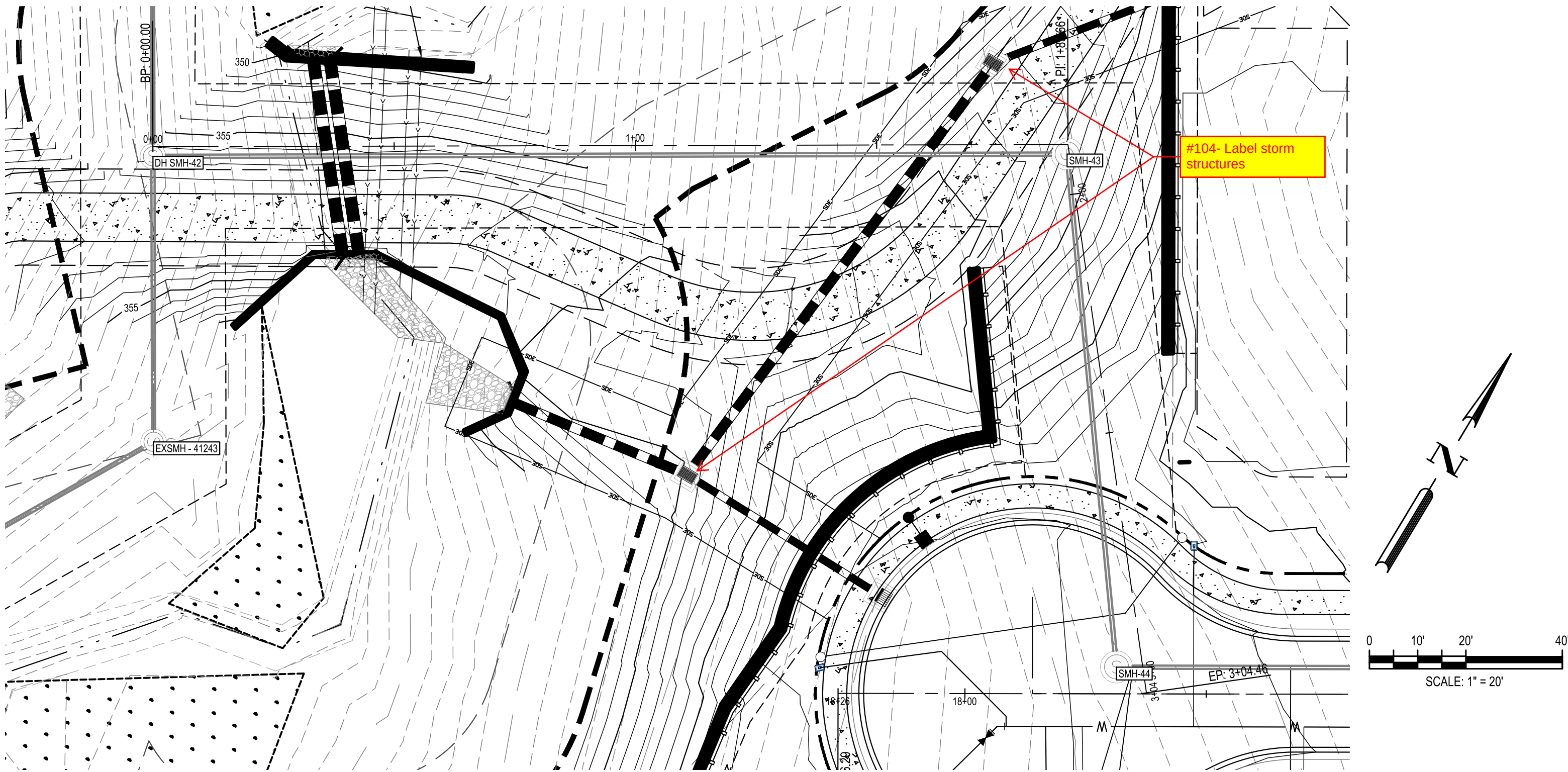
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CORPORAION
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DESIGNED BY: DF/CD
DRAWN BY: DF/JWM
REVIEWED BY: DF

10/02/2023 PER TOWN OF ROLESVILLE COMMENT
08/01/2023 PER TOWN OF ROLESVILLE COMMENT
06/01/2023 INITIAL SUBMITTAL

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Call before you dig.

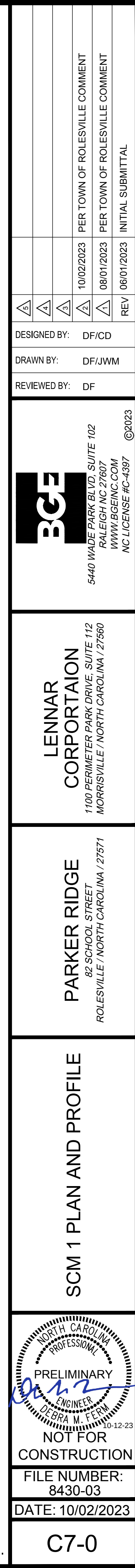
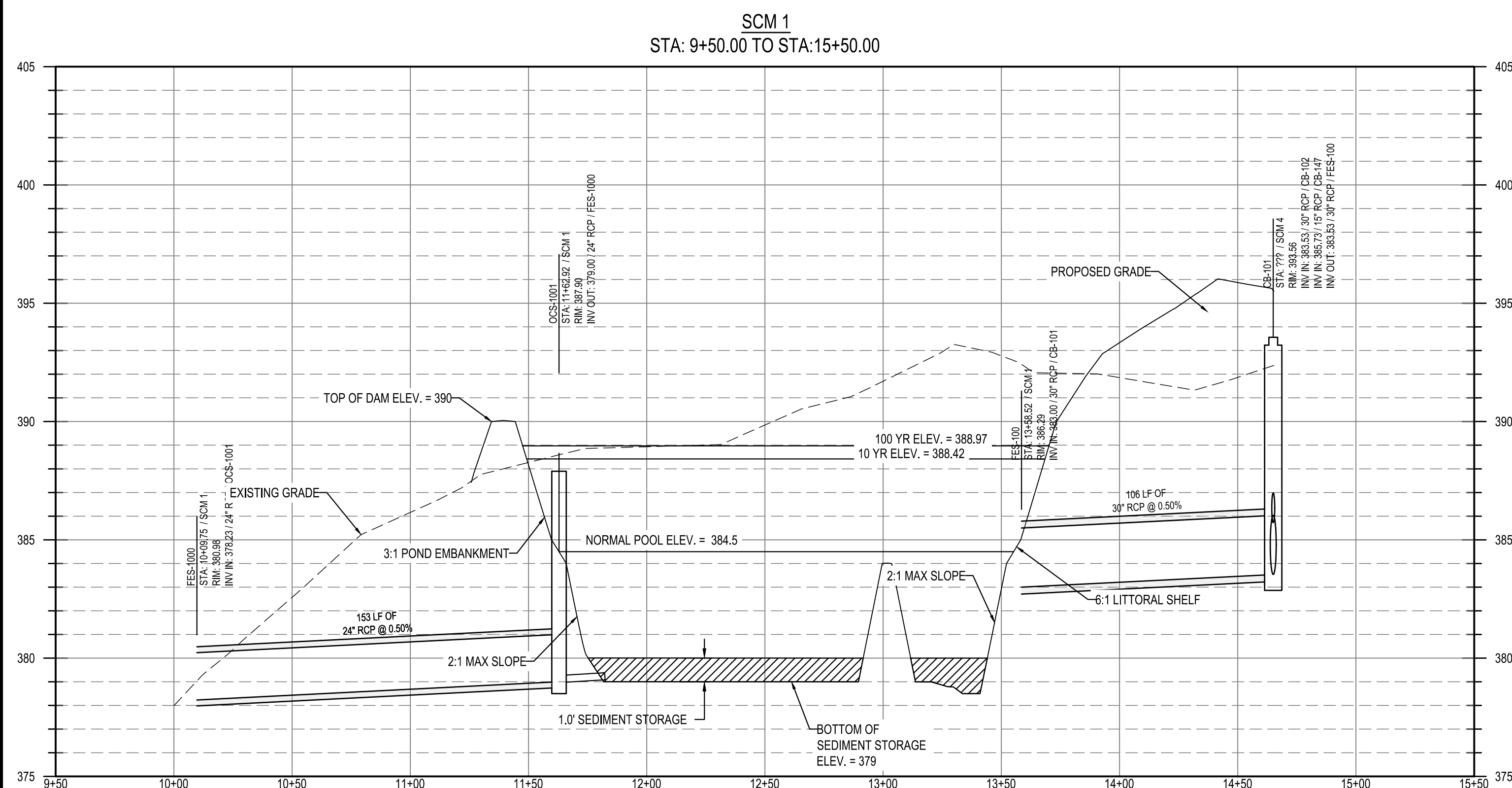
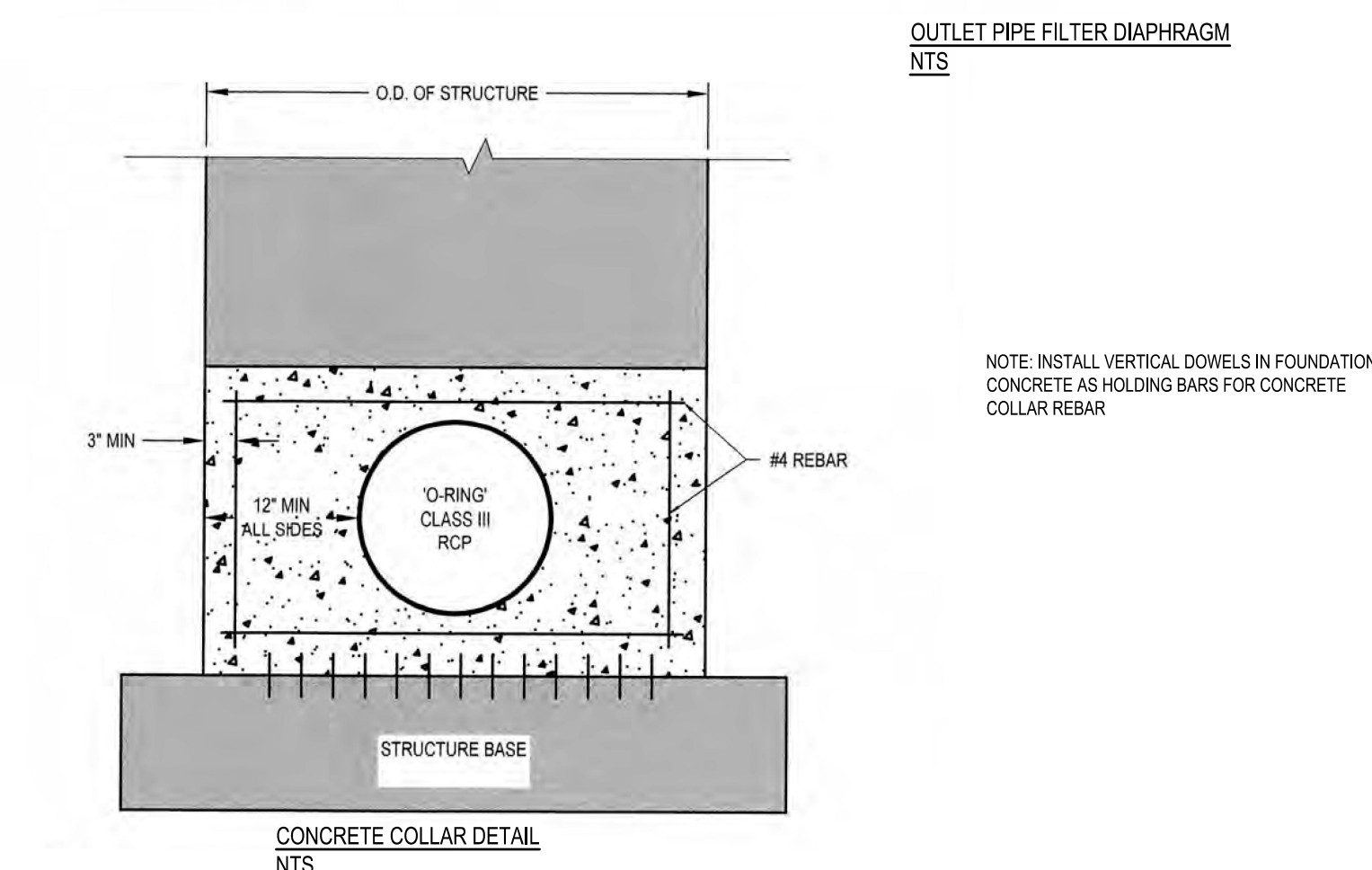
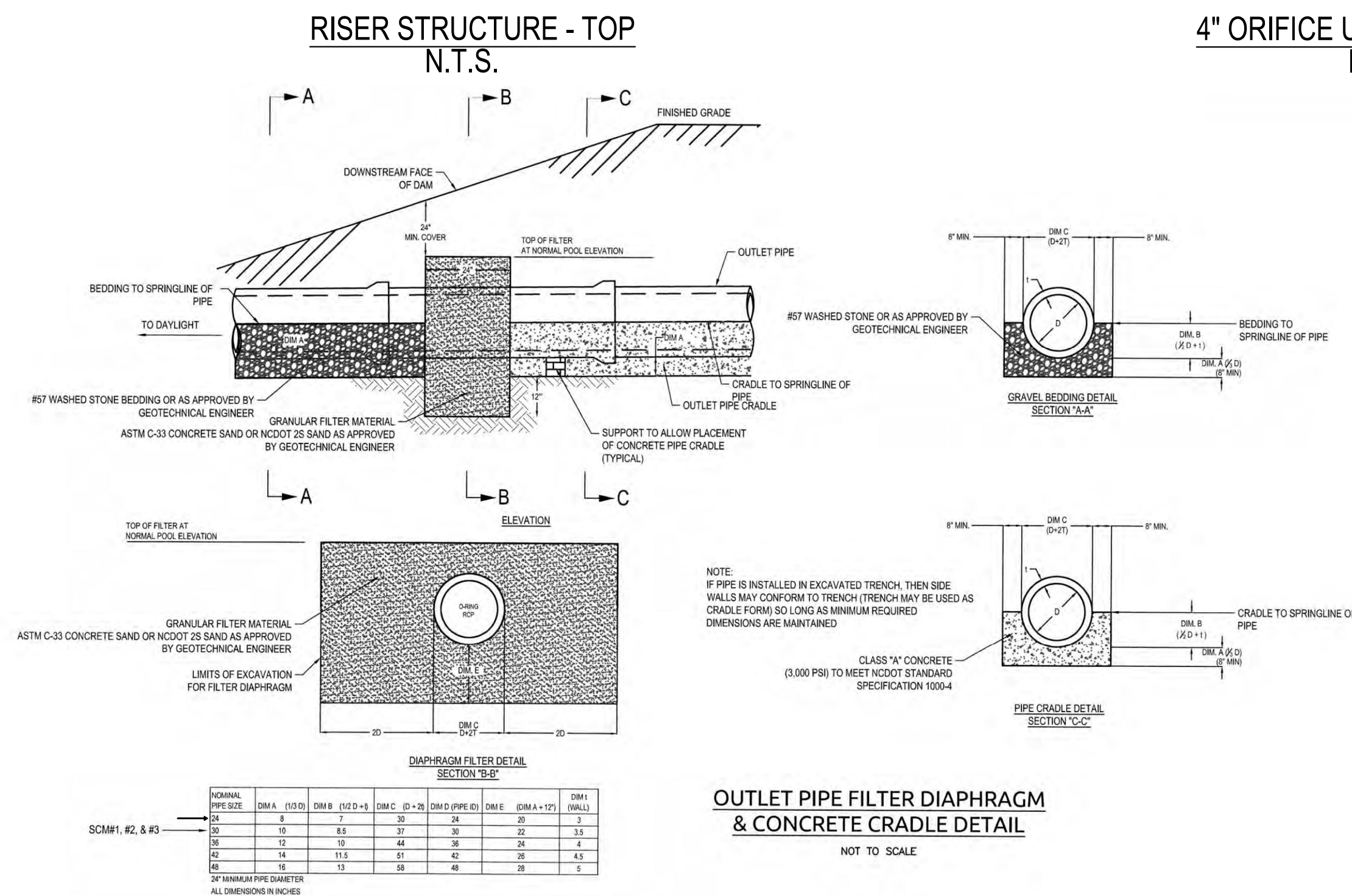
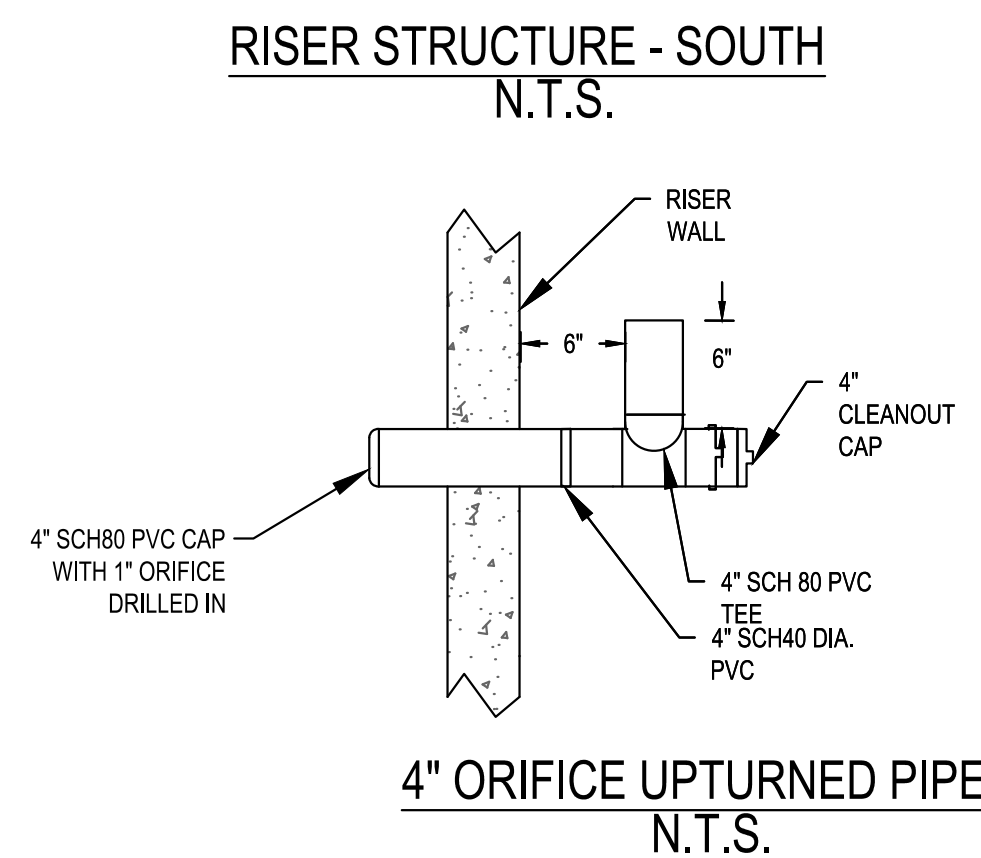
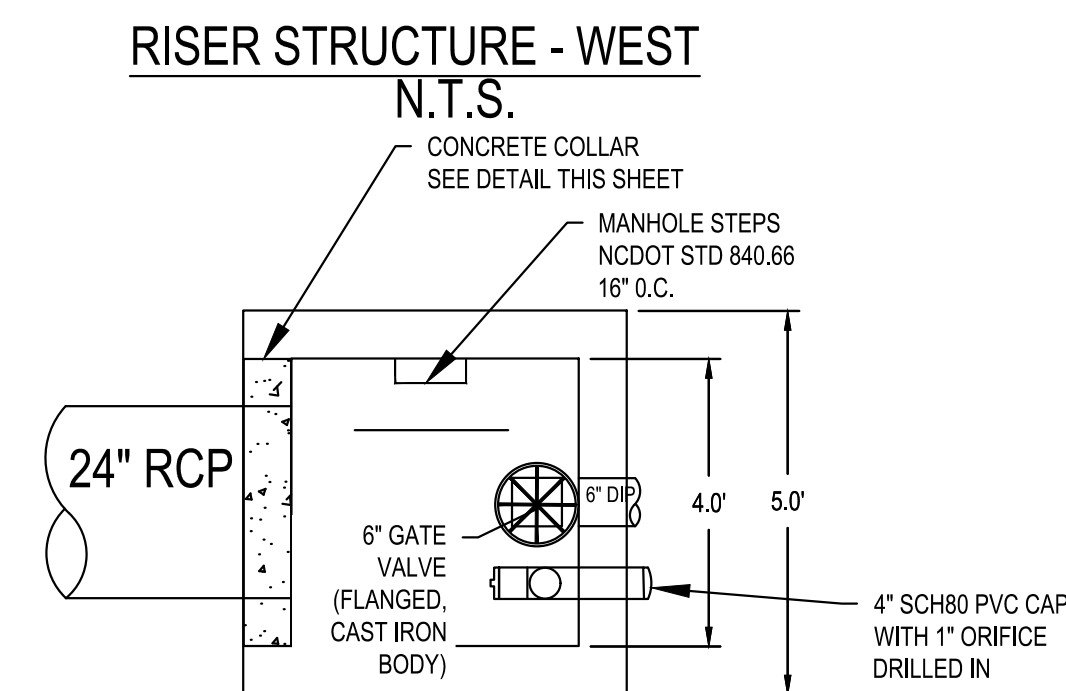
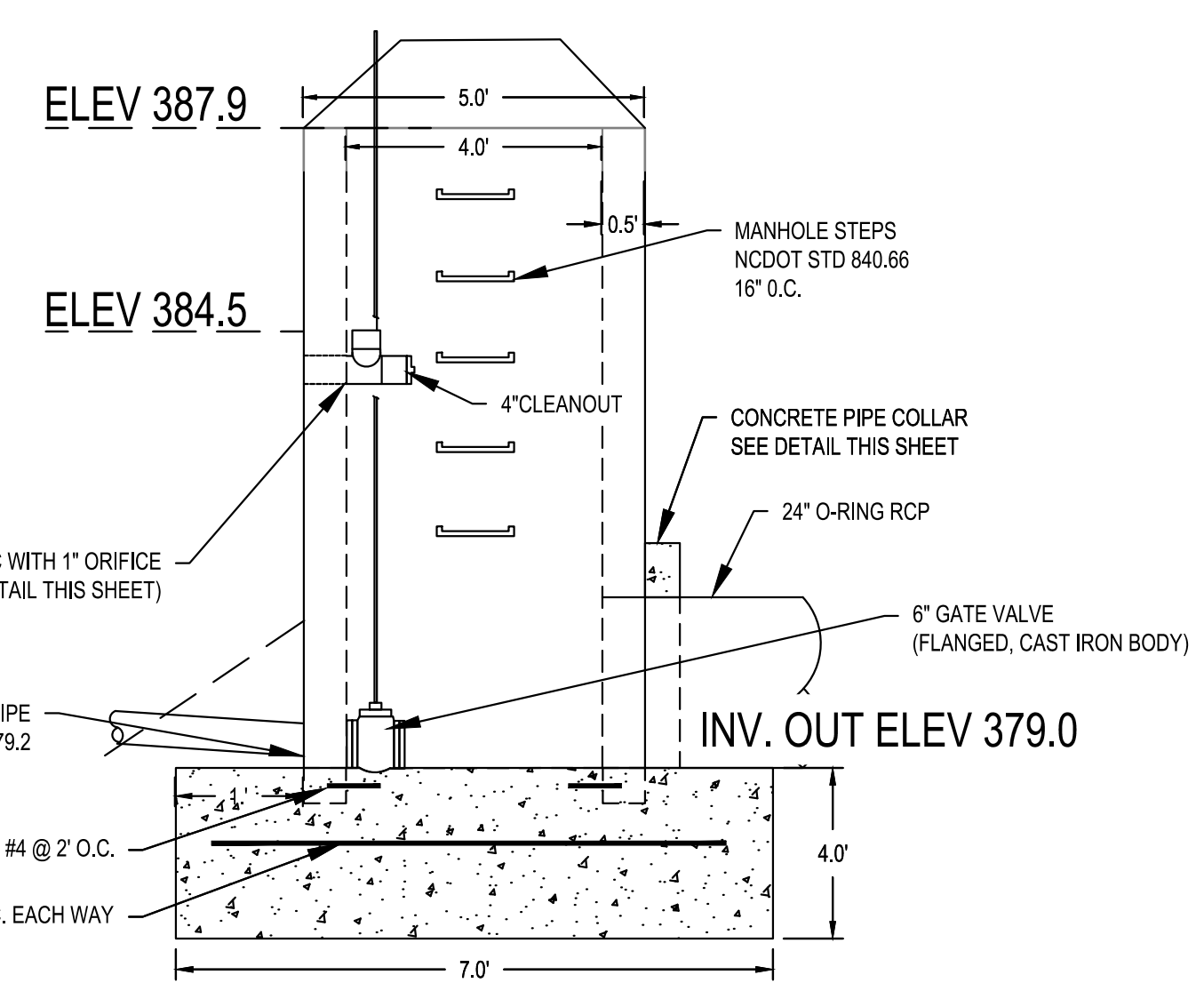
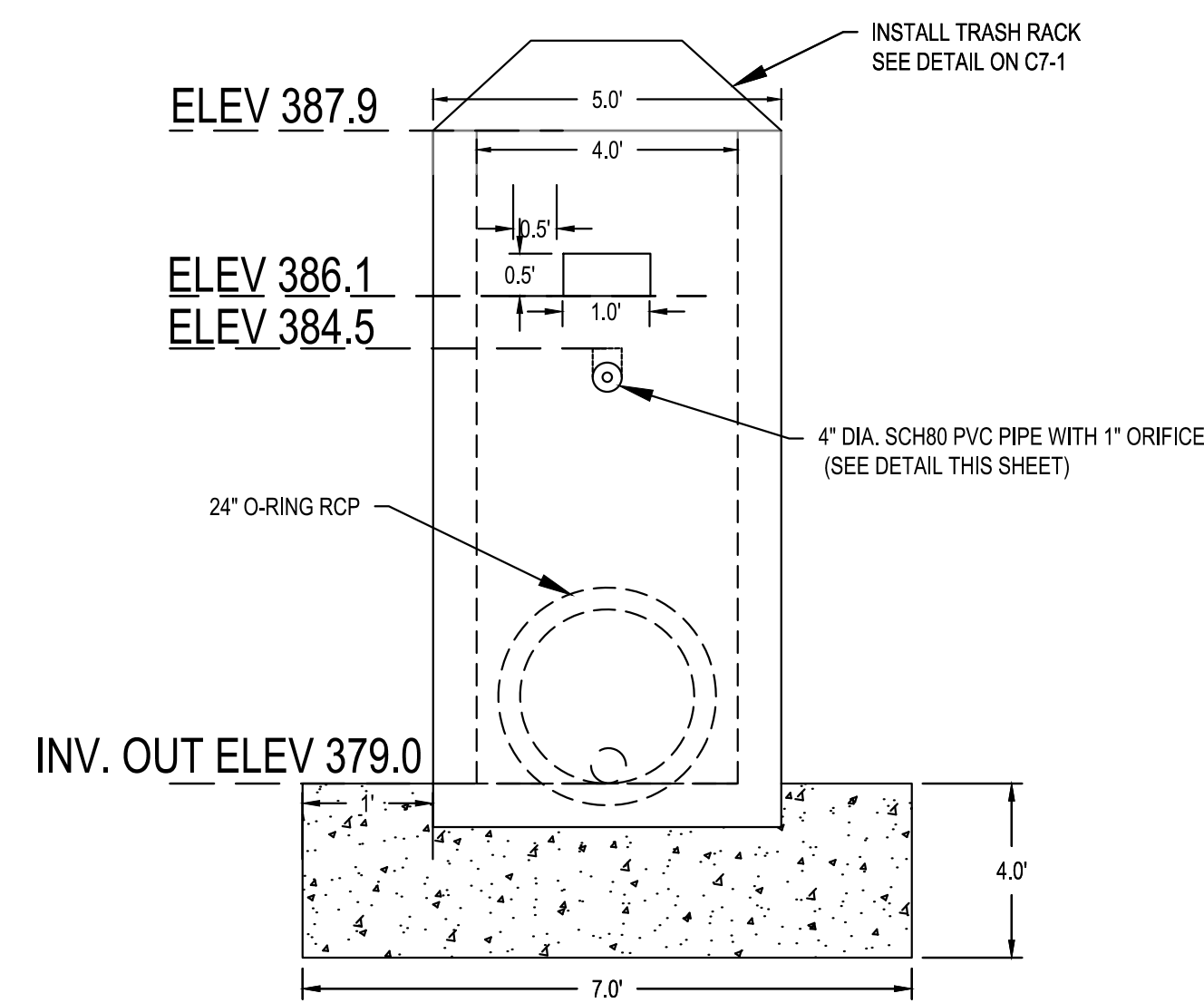
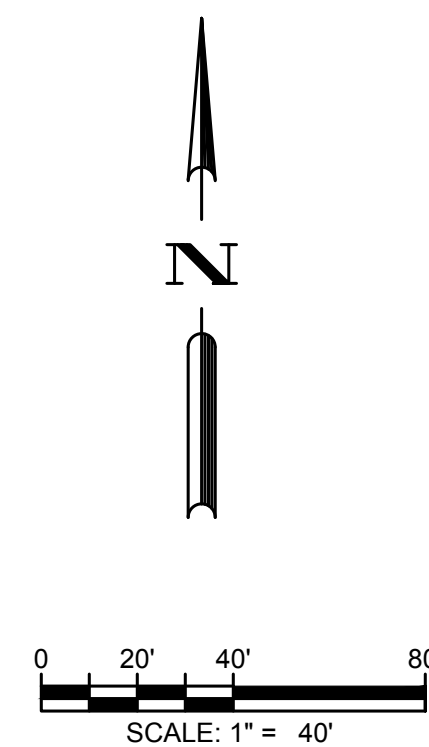
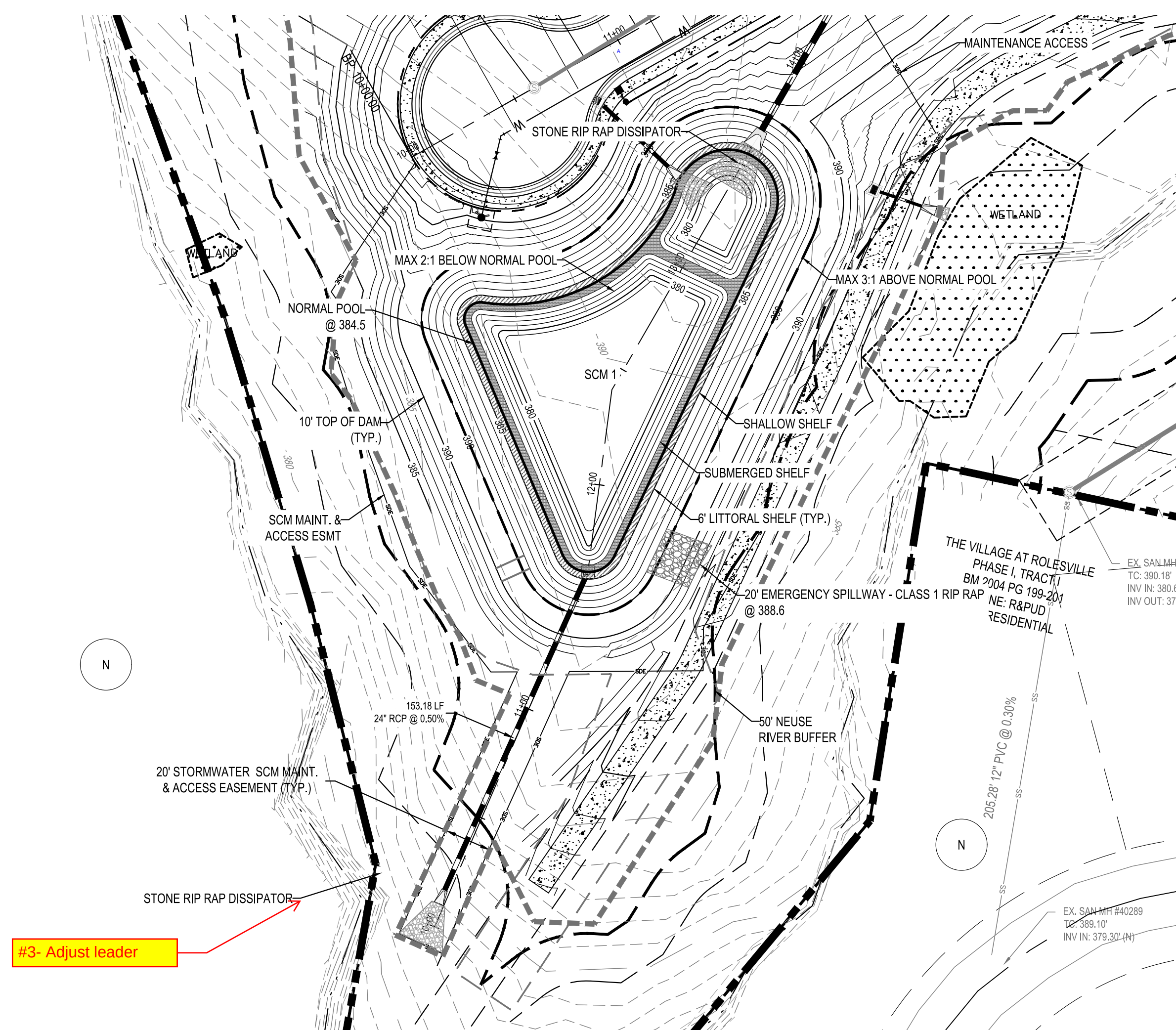
PRELIMINARY
ENGINEER
FEDRA M. FENN
10-12-23
NOT FOR
CONSTRUCTION
FILE NUMBER:
8430-03
DATE: 10/02/2023
C6-26

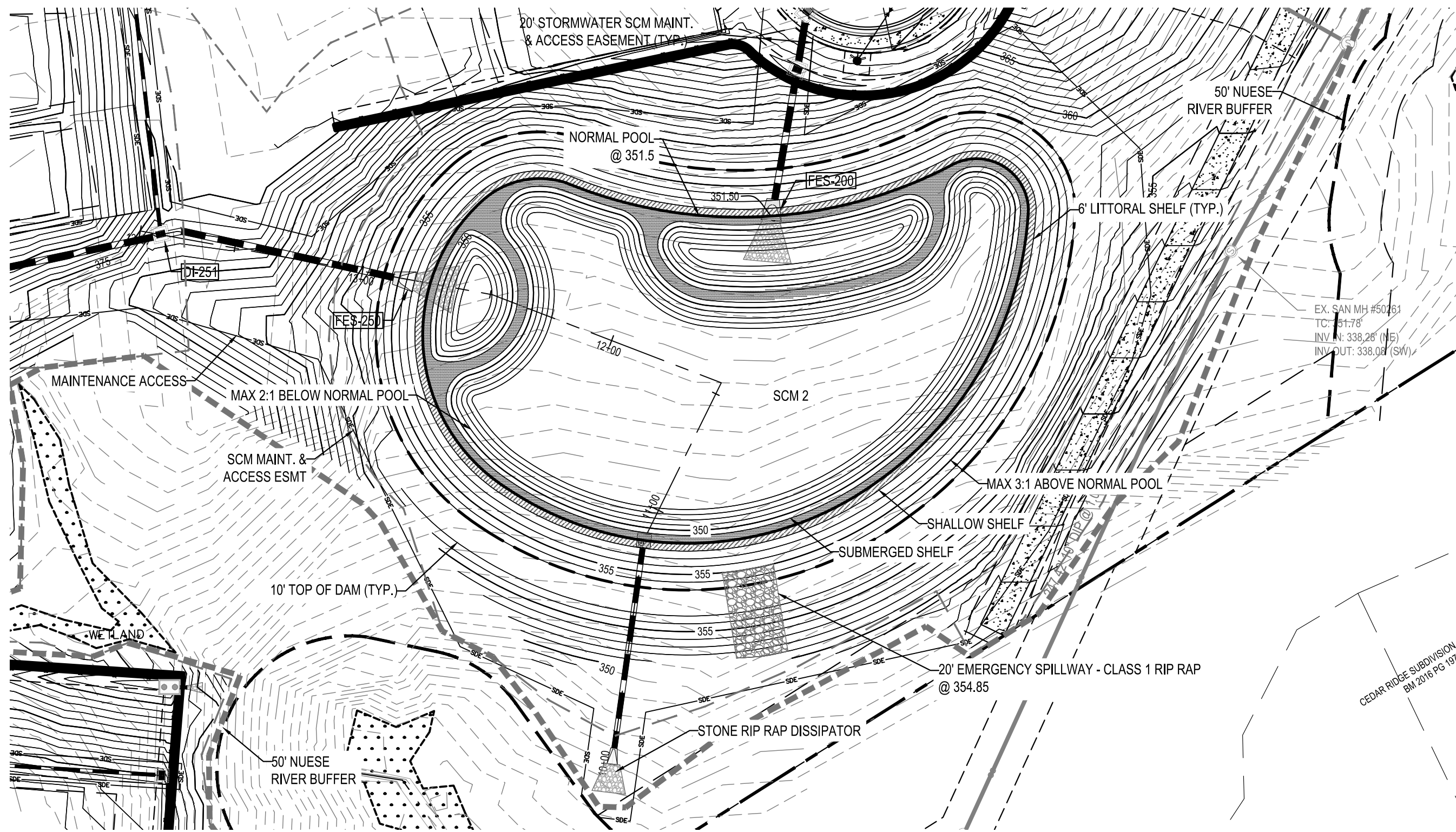
PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

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

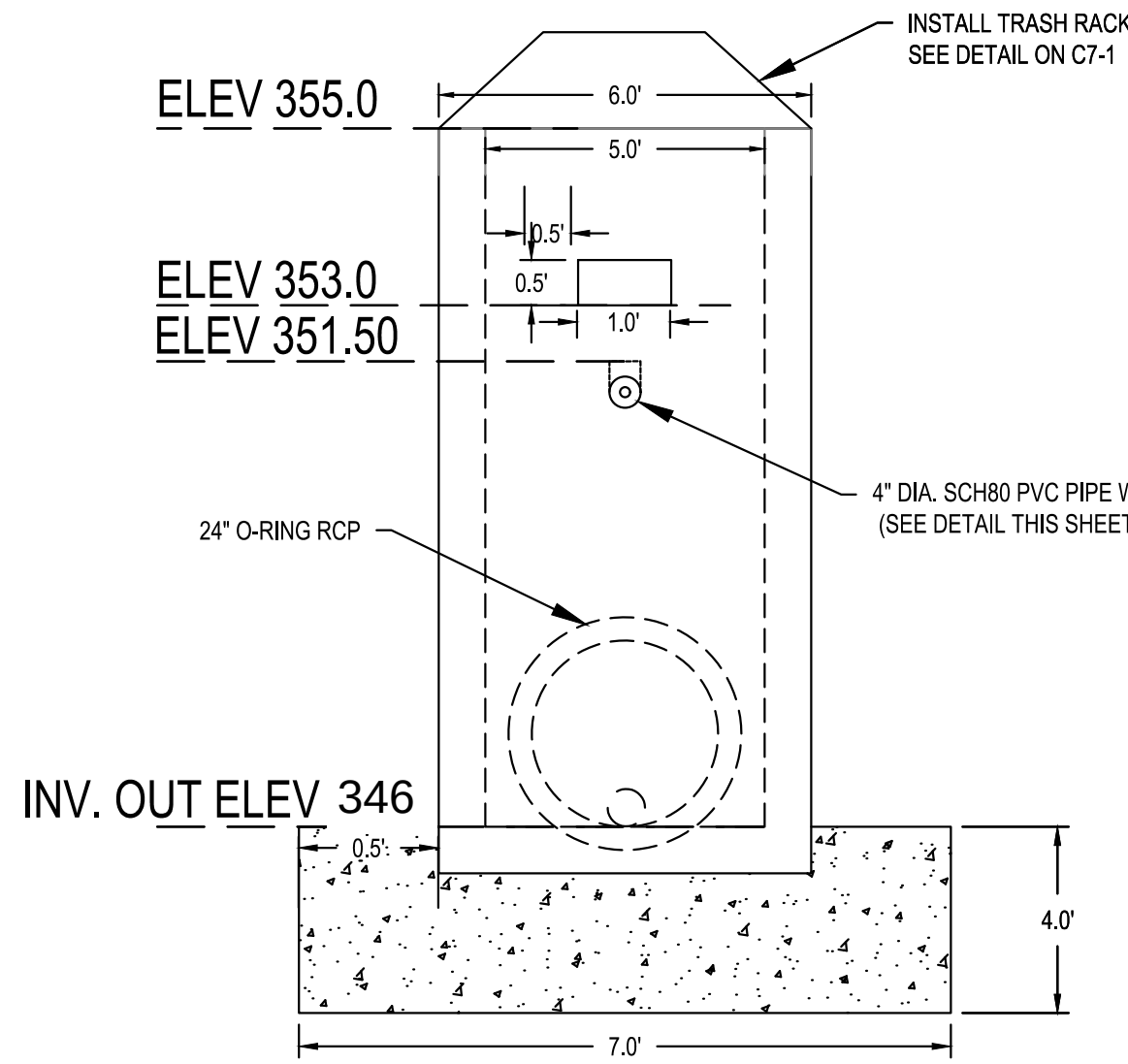
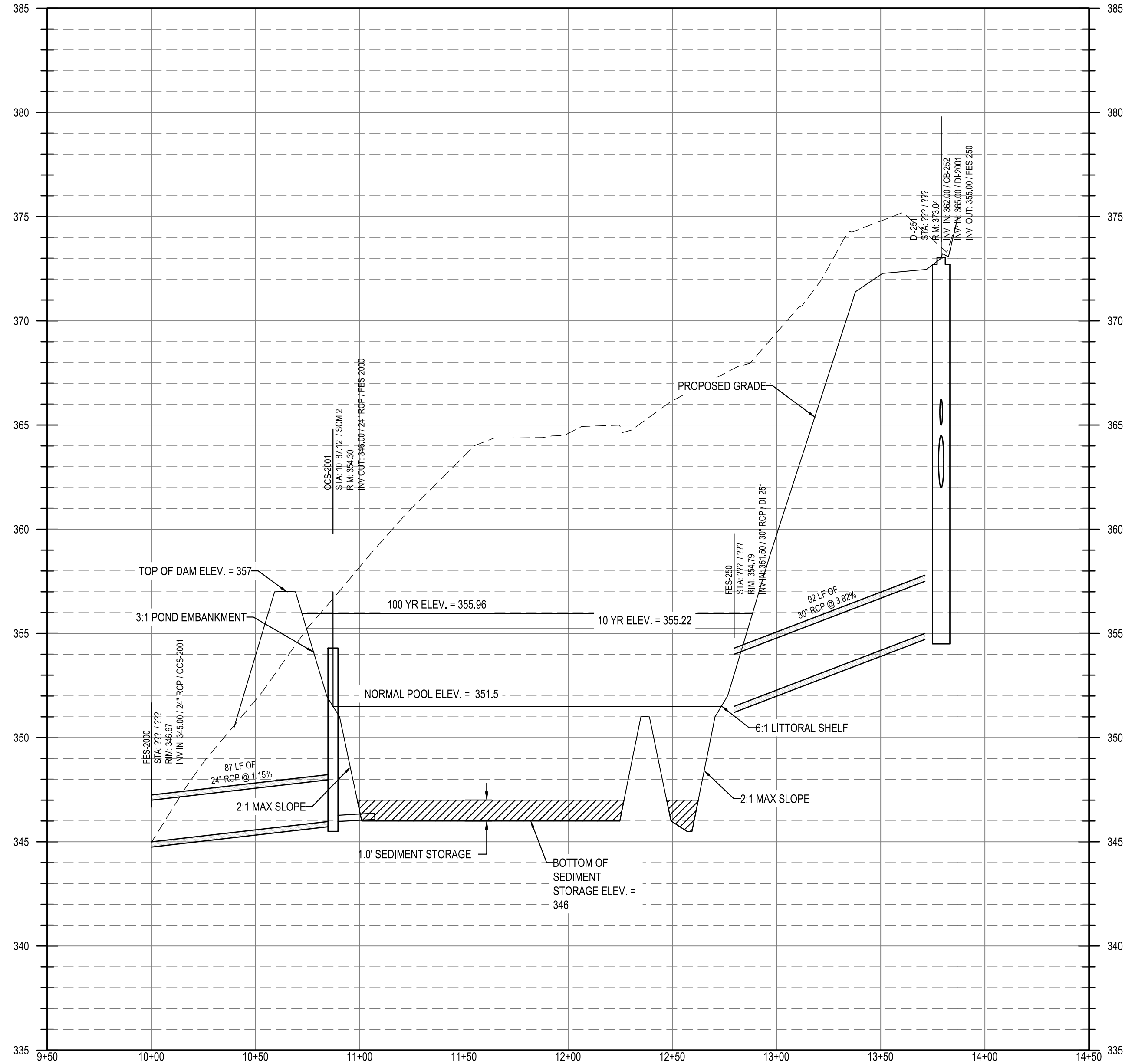
BCE
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM
NC LICENSE #C-4397

DESIGNED BY:	△		
DRAWN BY:	△		
REVIEWED BY:	△		
	△		
	△		
	△	10/02/2023	PER TOWN OF ROLESVILLE COMMENT
	△	08/01/2023	PER TOWN OF ROLESVILLE COMMENT
	REV	06/01/2023	INITIAL SUBMITTAL

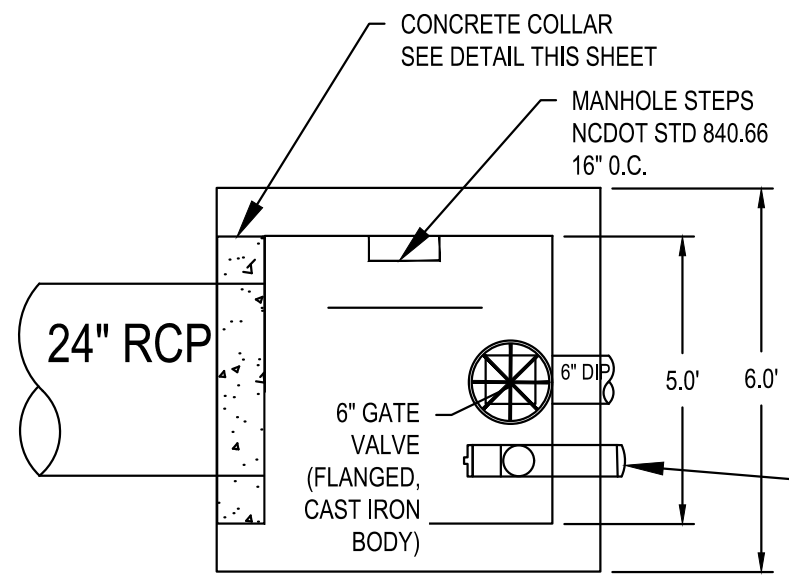




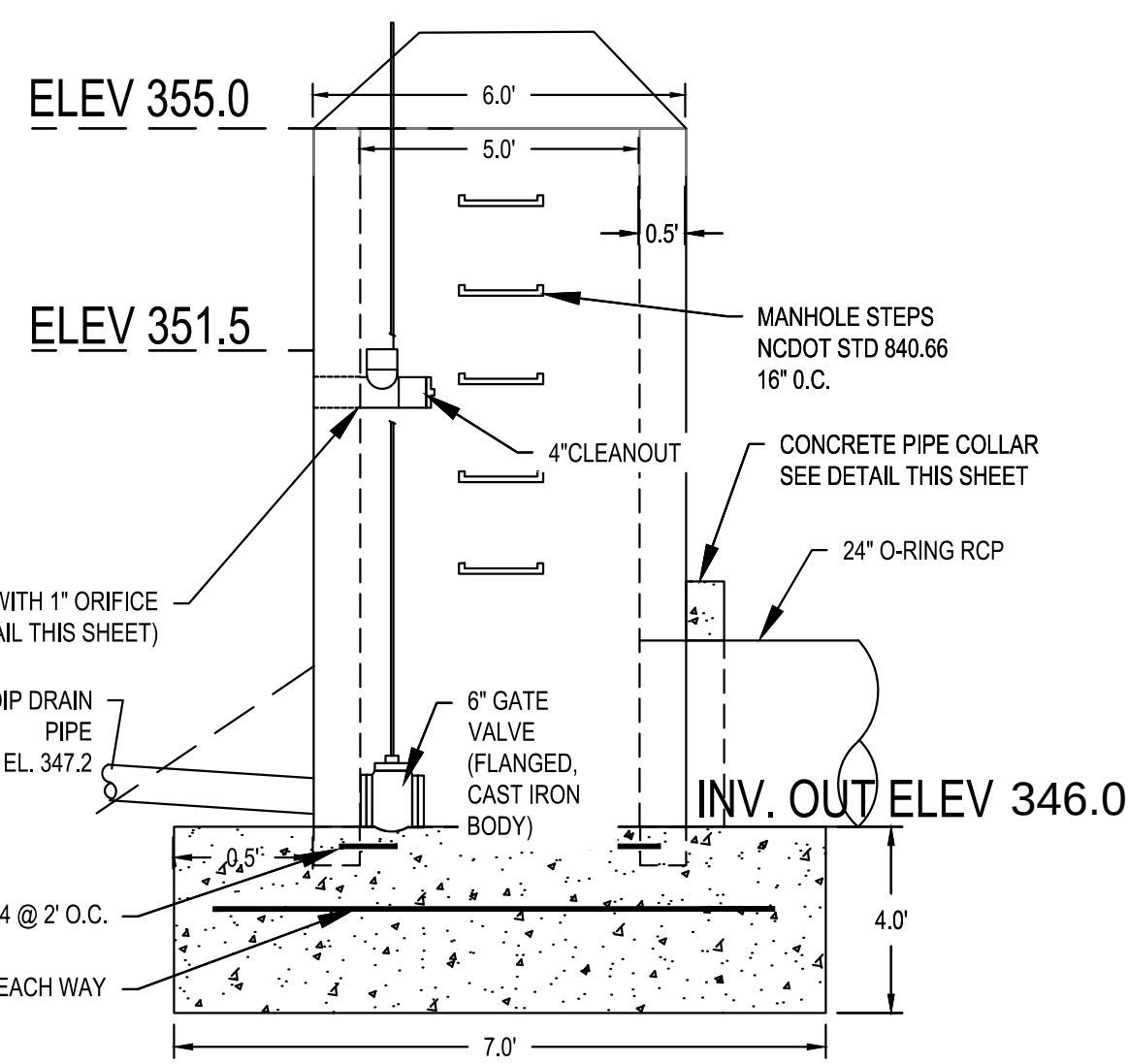
SCM 2
STA: 9+50.00 TO STA:14+50.00



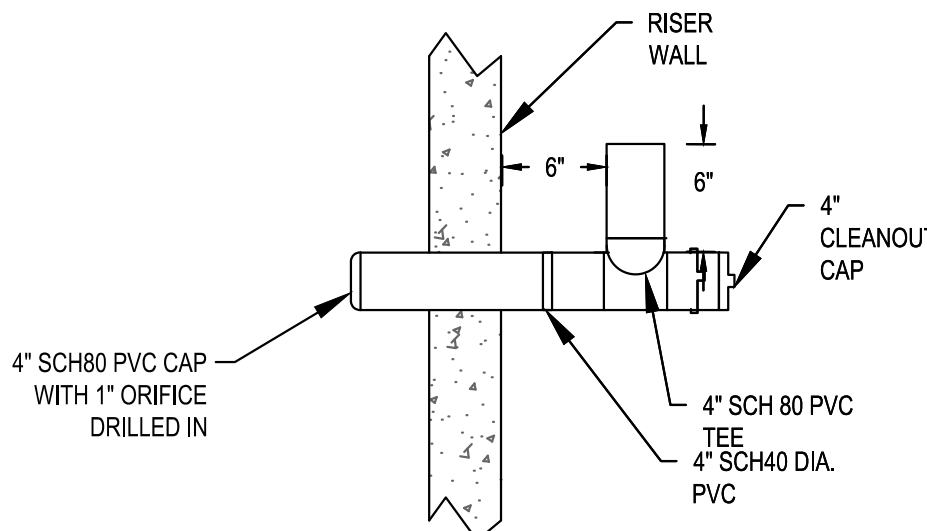
RISER STRUCTURE - WEST
N.T.S.



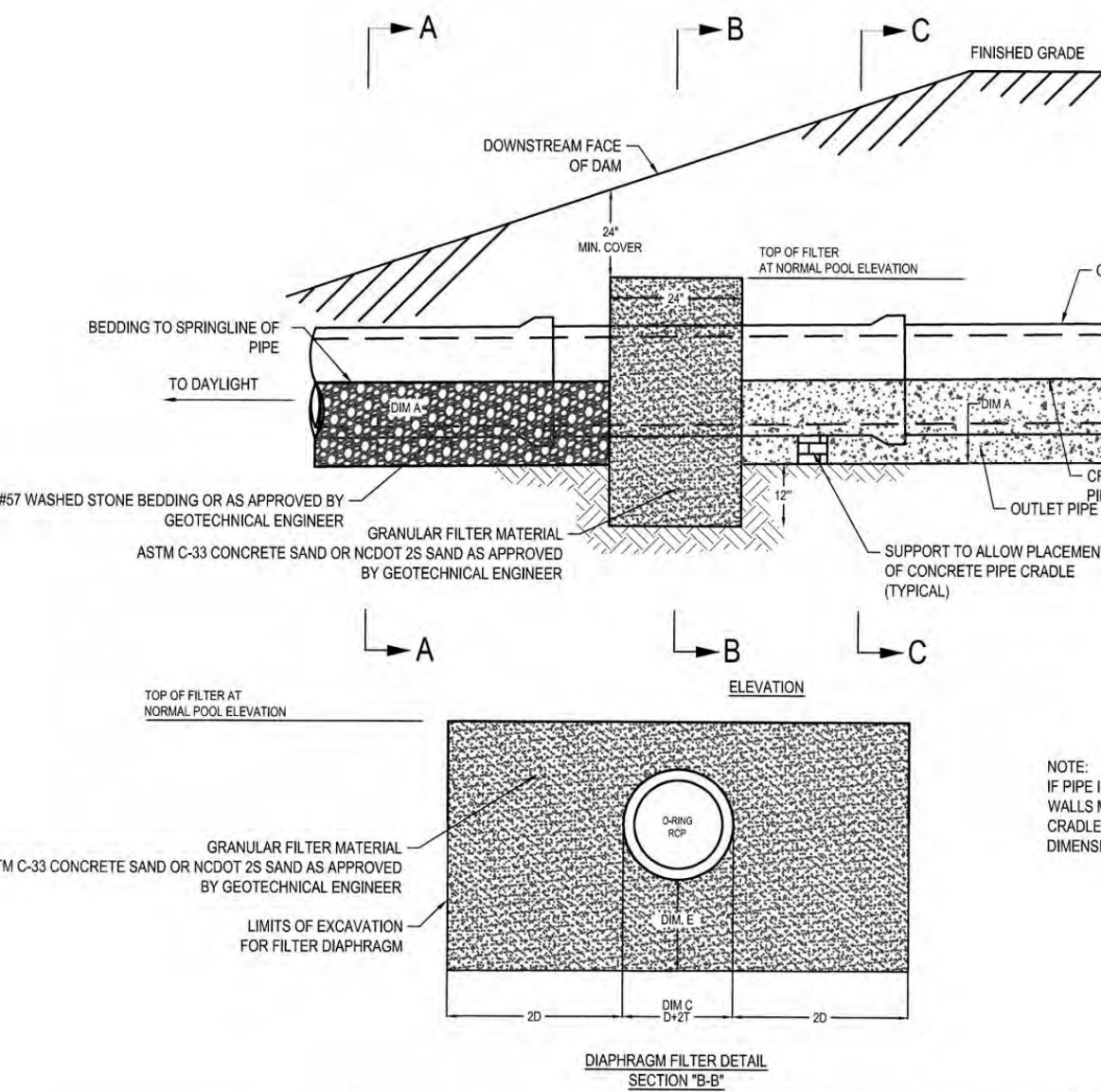
RISER STRUCTURE - TOP
N.T.S.



RISER STRUCTURE - SOUTH
N.T.S.



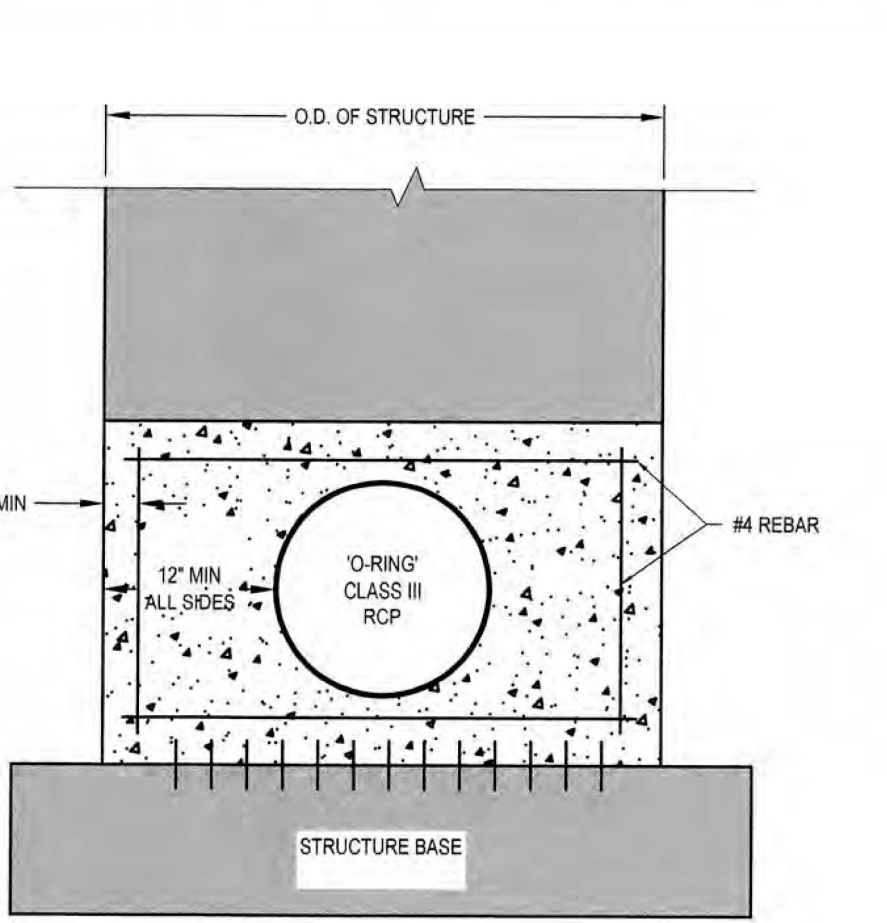
4" ORIFICE UPTURNED PIPE
N.T.S.



OUTLET PIPE FILTER DIAPHRAGM
& CONCRETE CRADLE DETAIL
NOT TO SCALE

NORMAL PIPE SIZE	DM A (10' DIA)	DM B (12' DIA)	DM C (14' DIA)	DM D (16' DIA)	DM E (18' DIA)	DM F (20' DIA)
10"	10	12	14	16	18	20
12"	12	14	16	18	20	22
14"	14	16	18	20	22	24
16"	16	18	20	22	24	26
18"	18	20	22	24	26	28
20"	20	22	24	26	28	30

SCM#1, #2, & #3
ALL DIMENSIONS IN INCHES



CONCRETE COLLAR DETAIL
N.T.S.



Know what's below.
Call before you dig.

PER TOWN OF ROLESVILLE COMMENT
10/02/2023

PER TOWN OF ROLESVILLE COMMENT
08/01/2023

INITIAL SUBMITTAL
06/01/2023

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

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

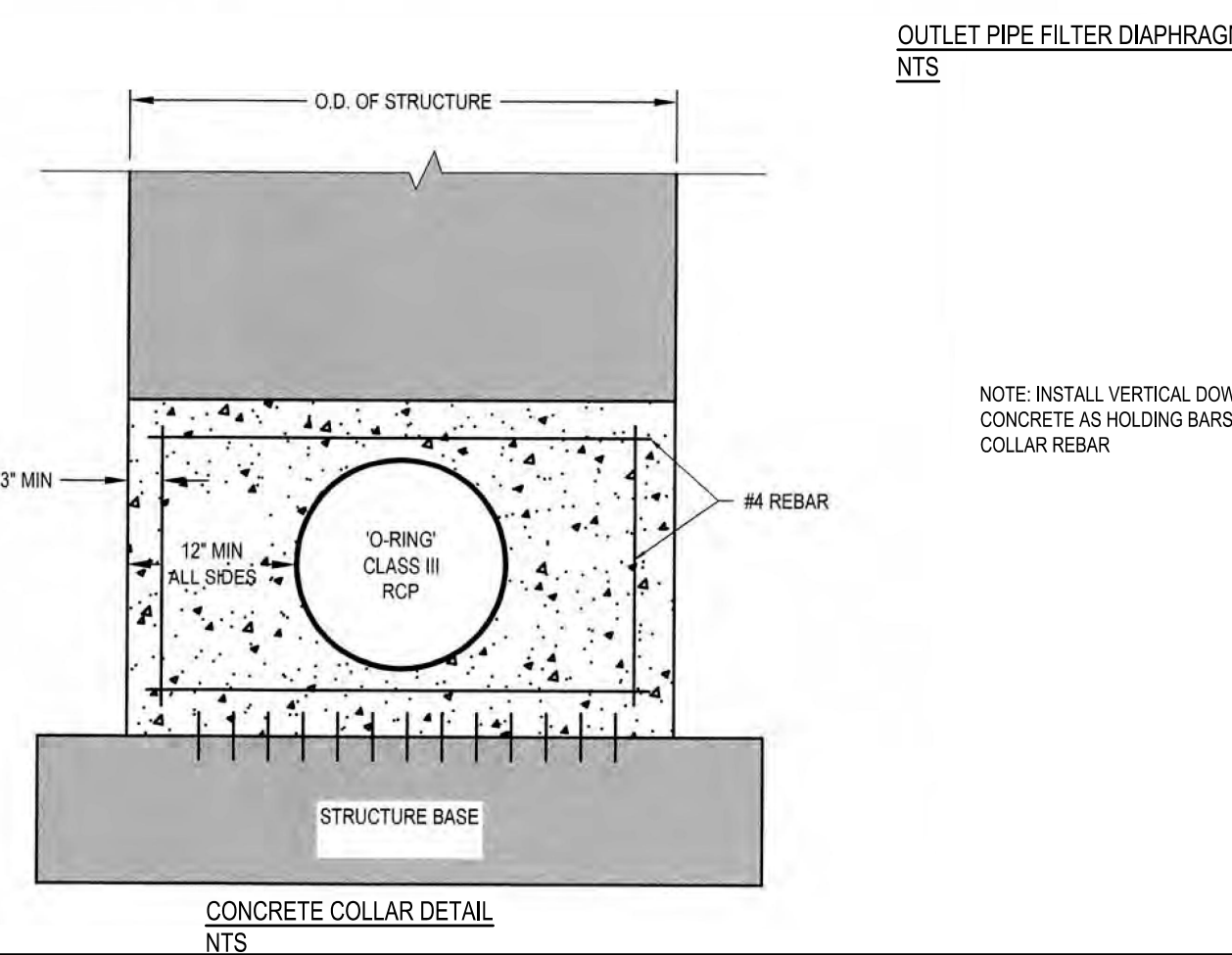
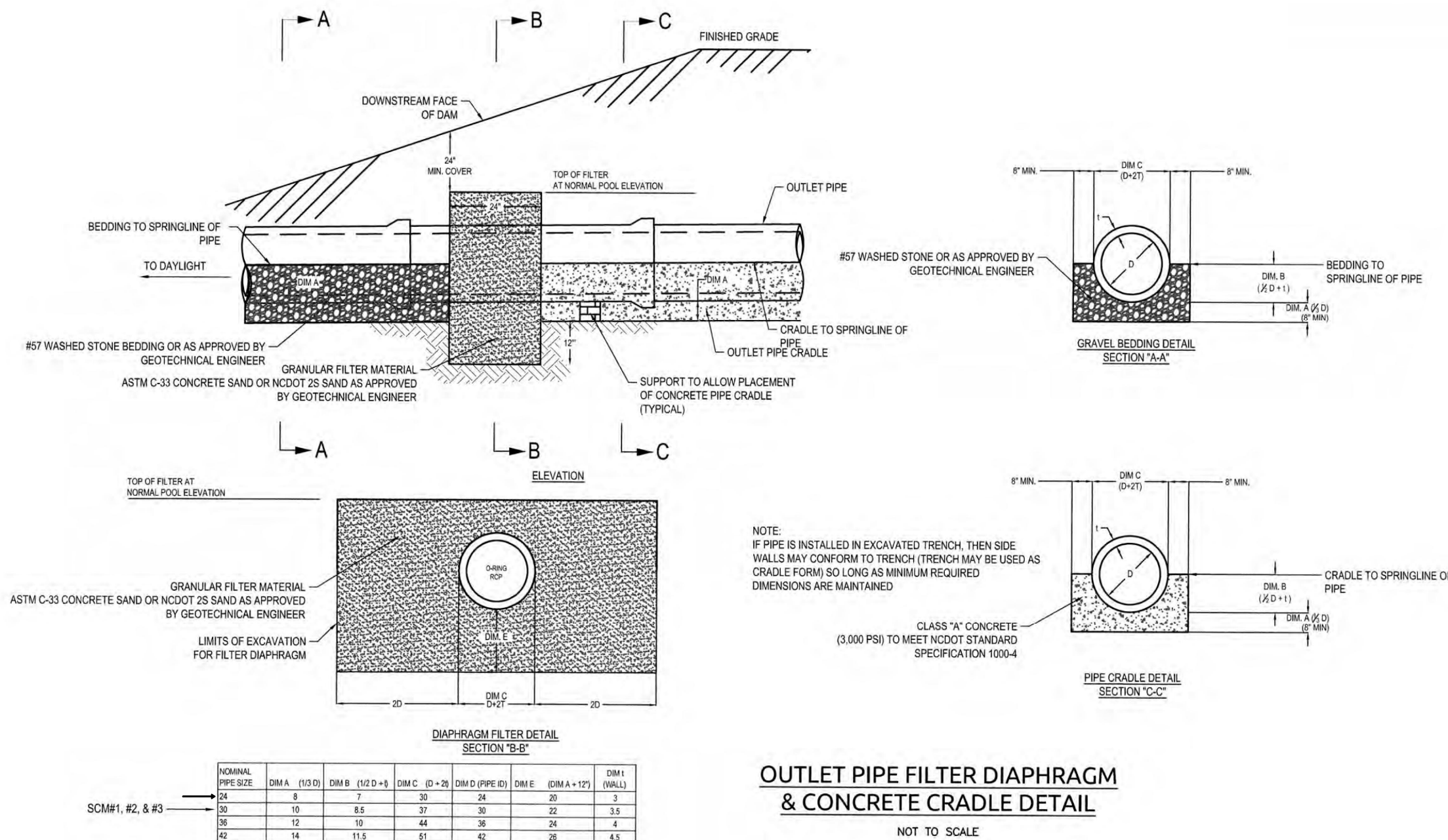
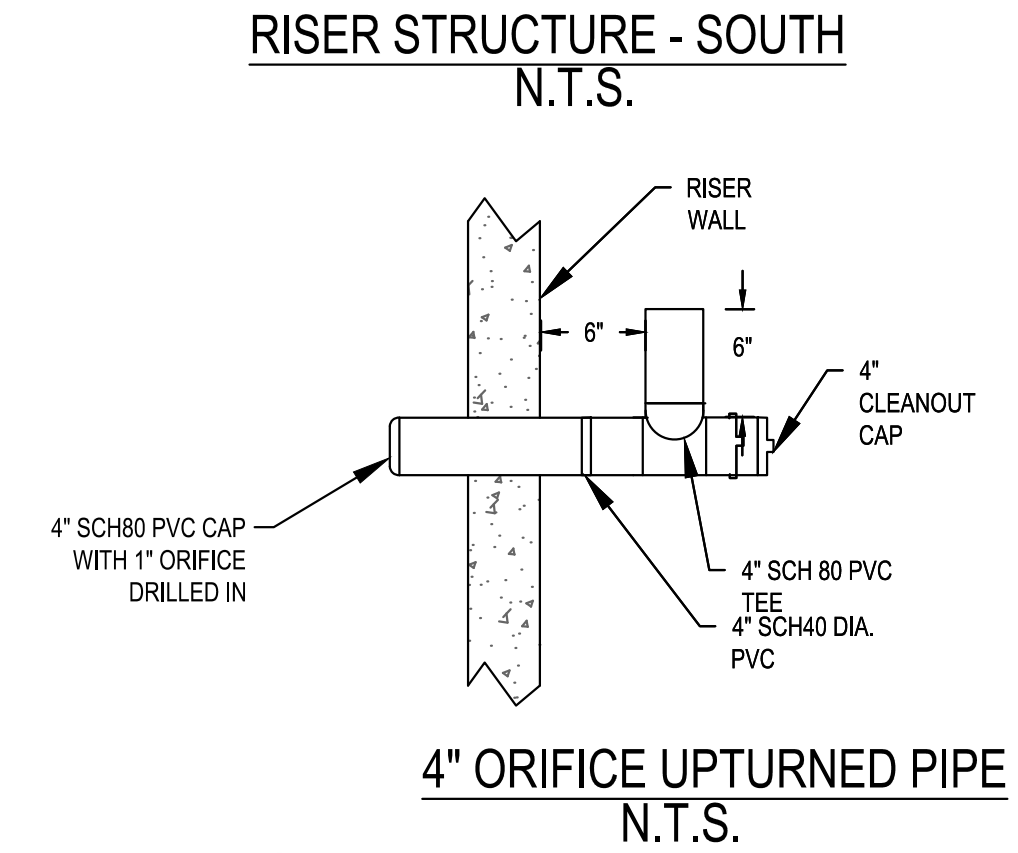
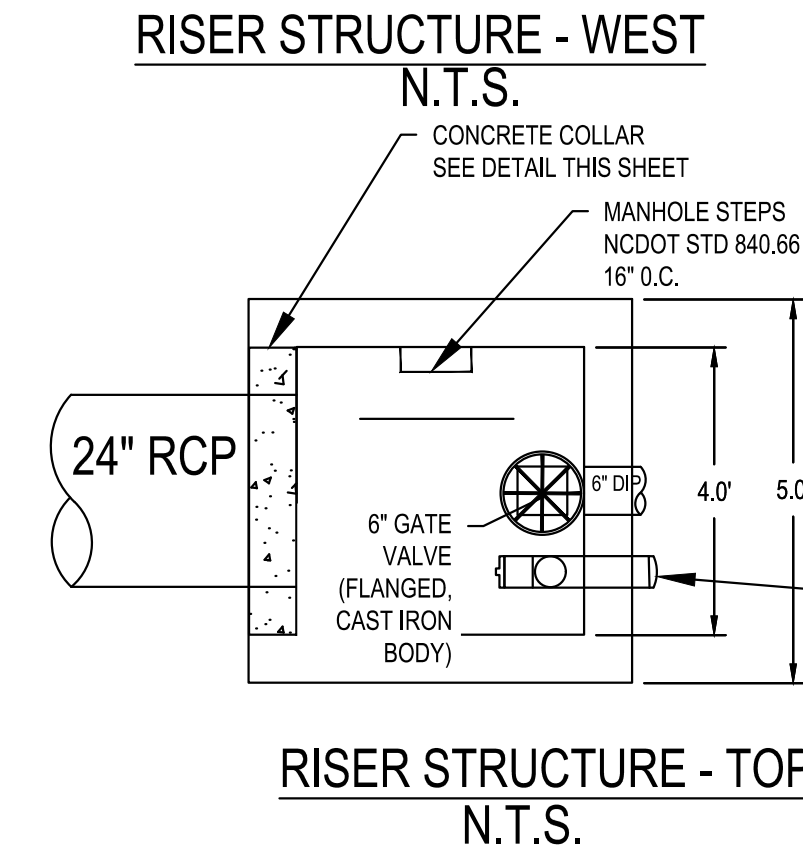
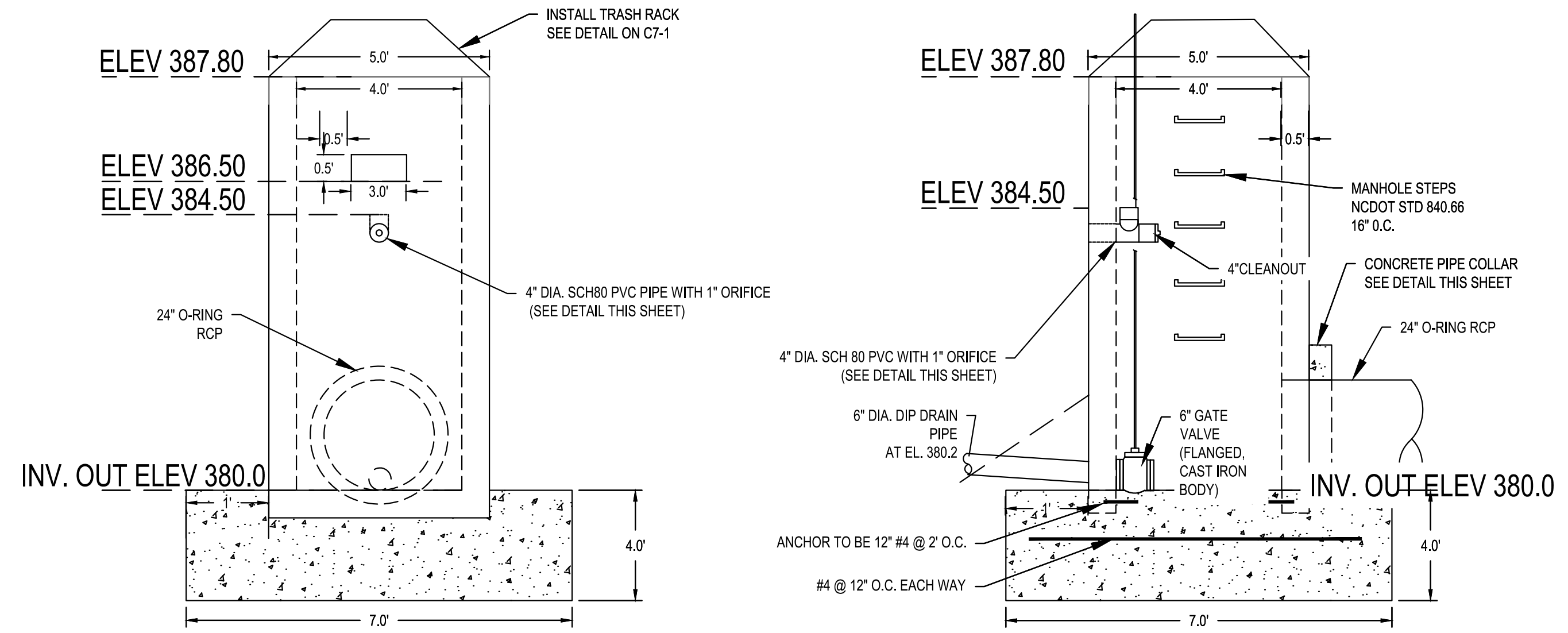
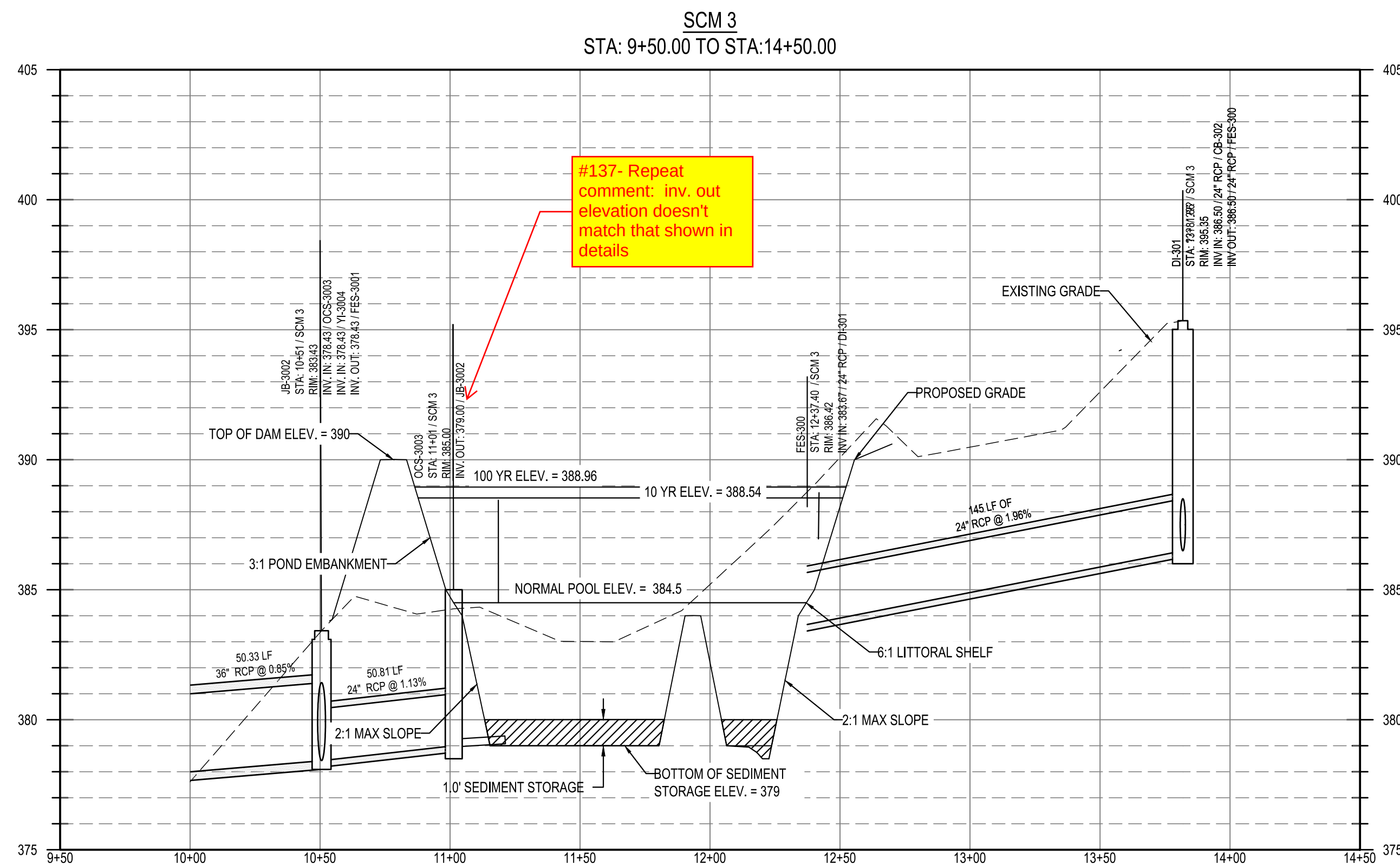
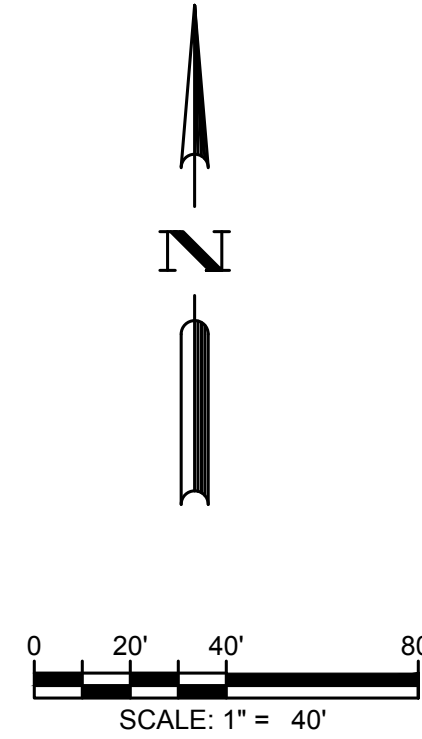
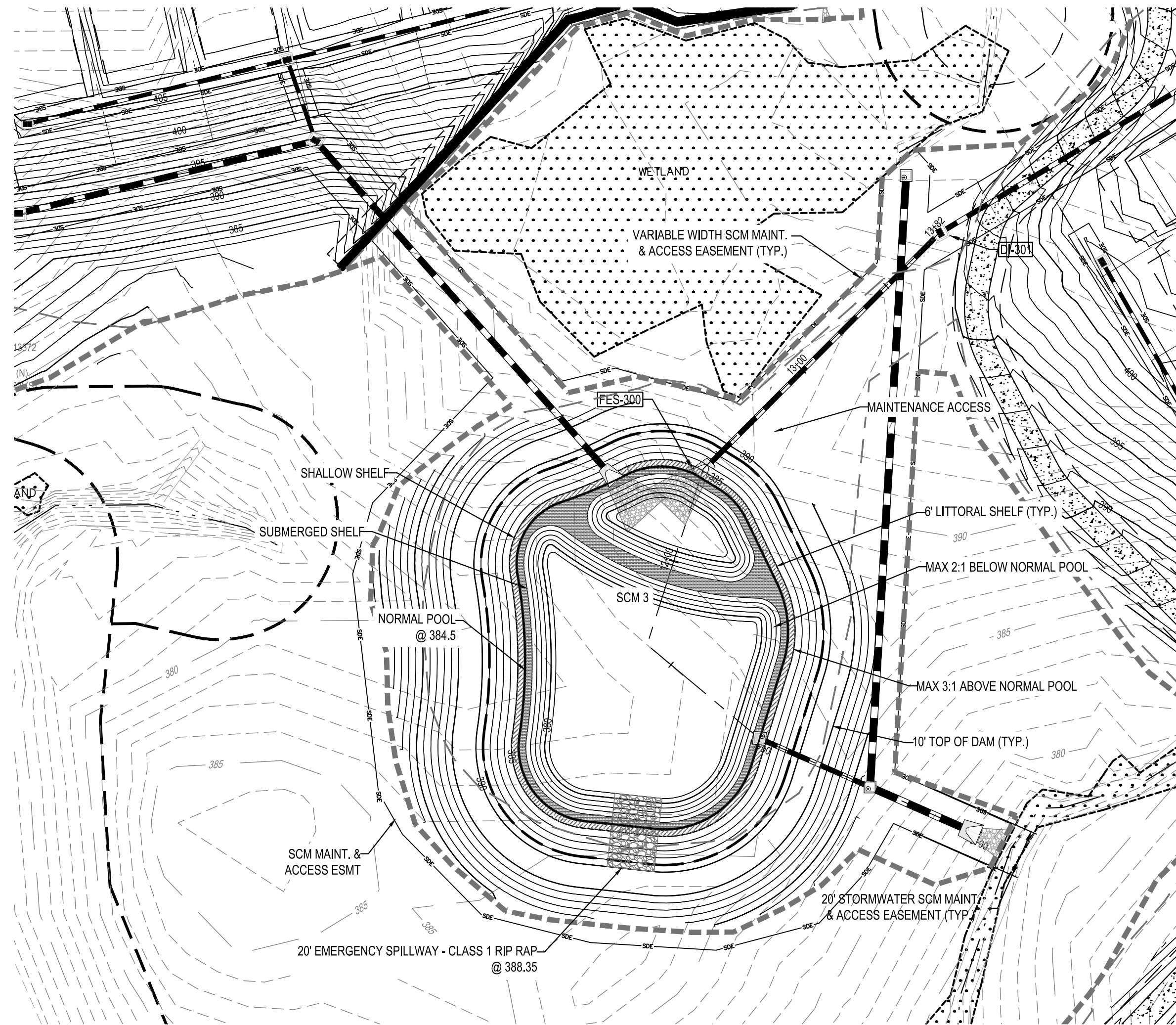
SCM 2 PLAN AND PROFILE

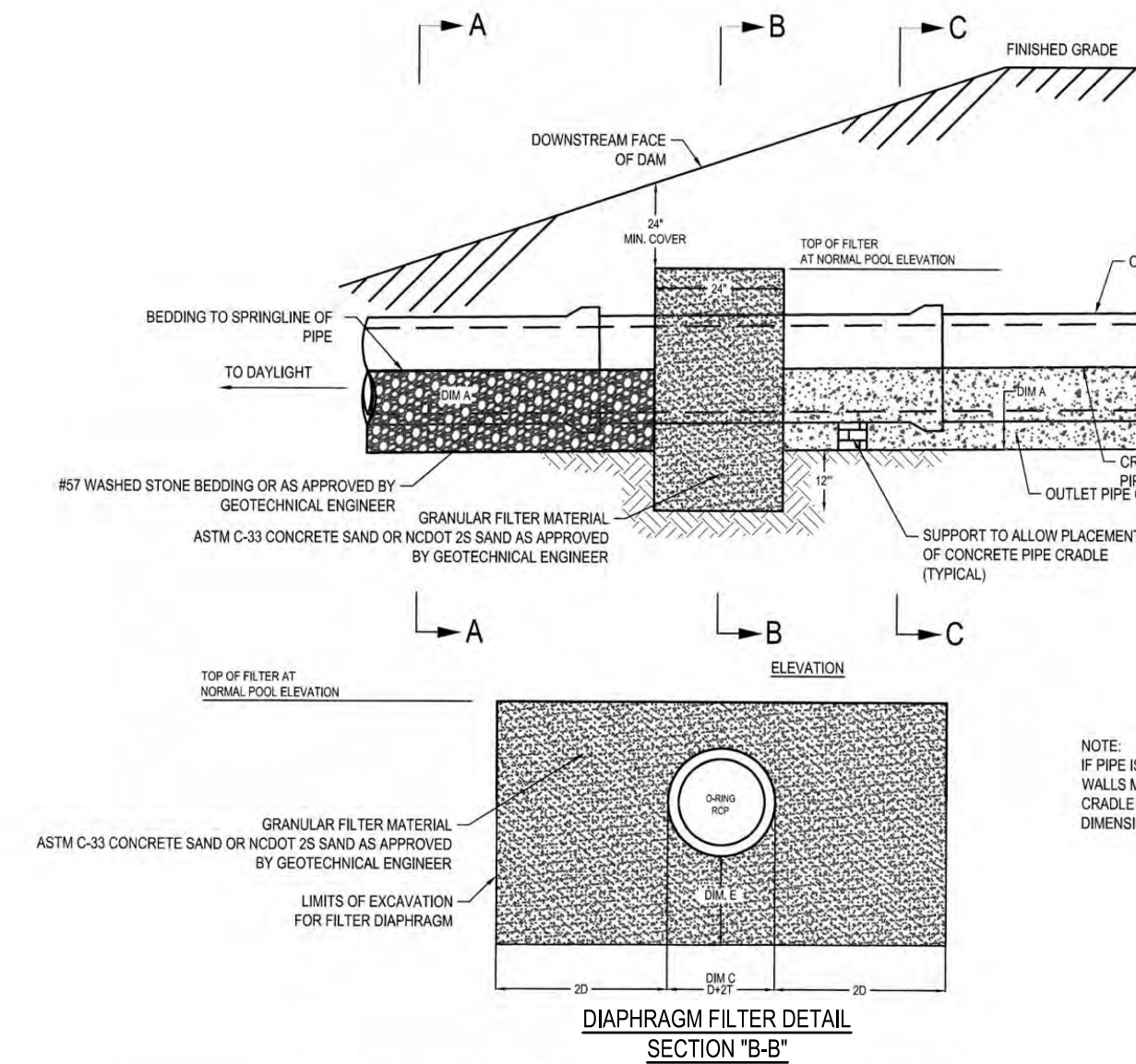
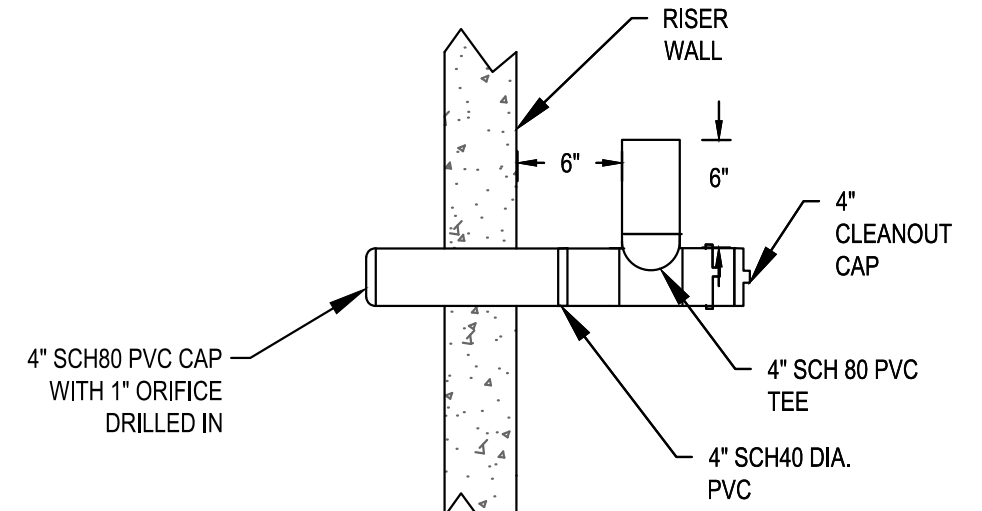
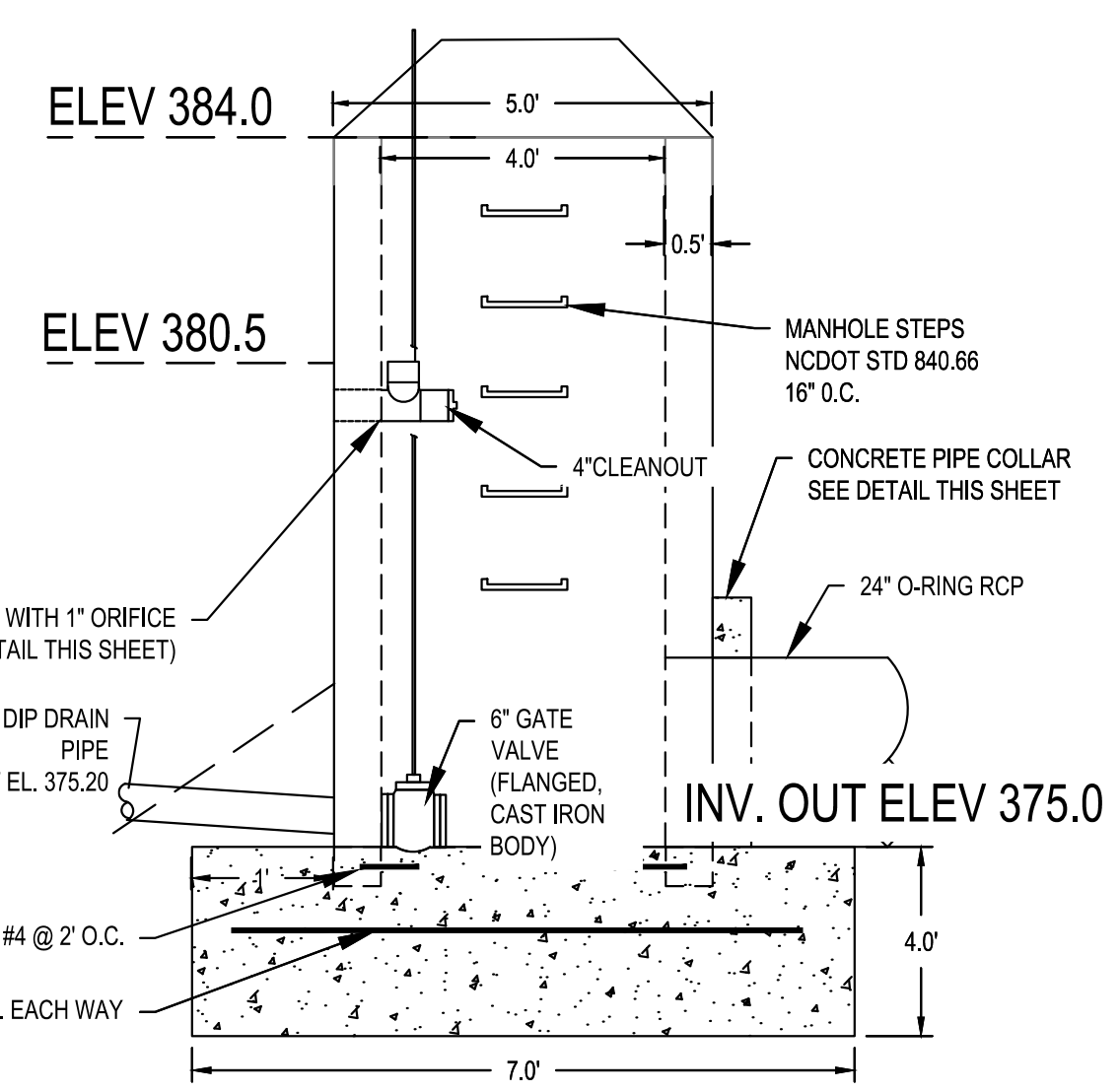
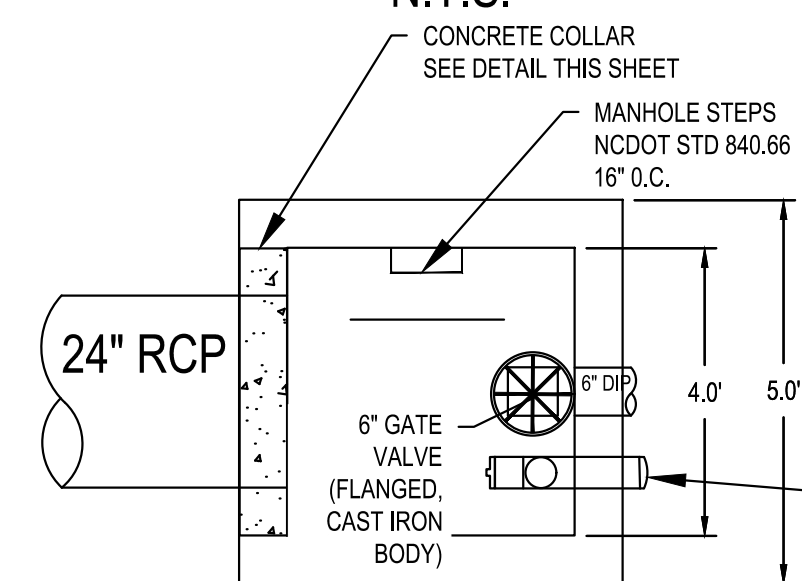
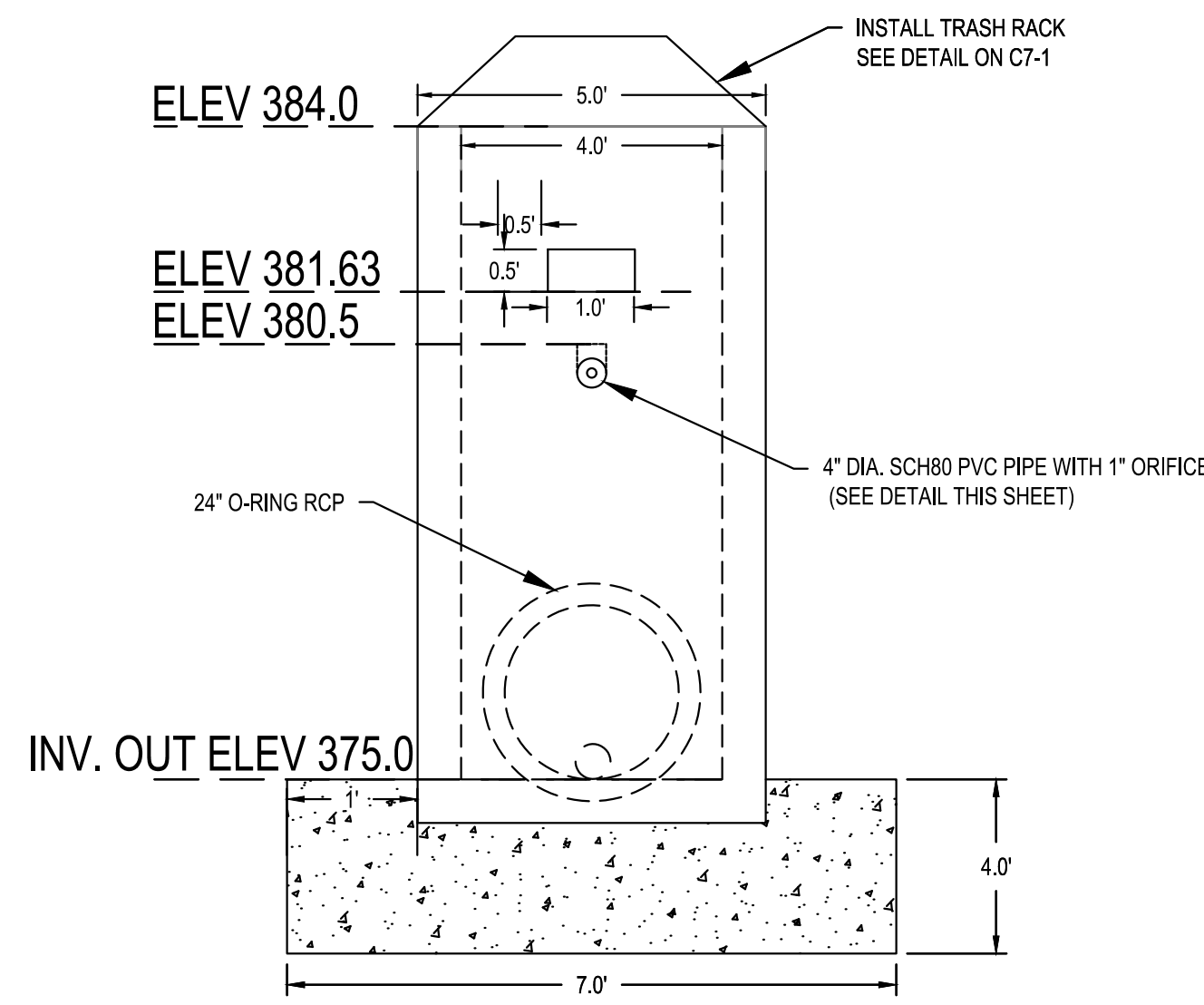
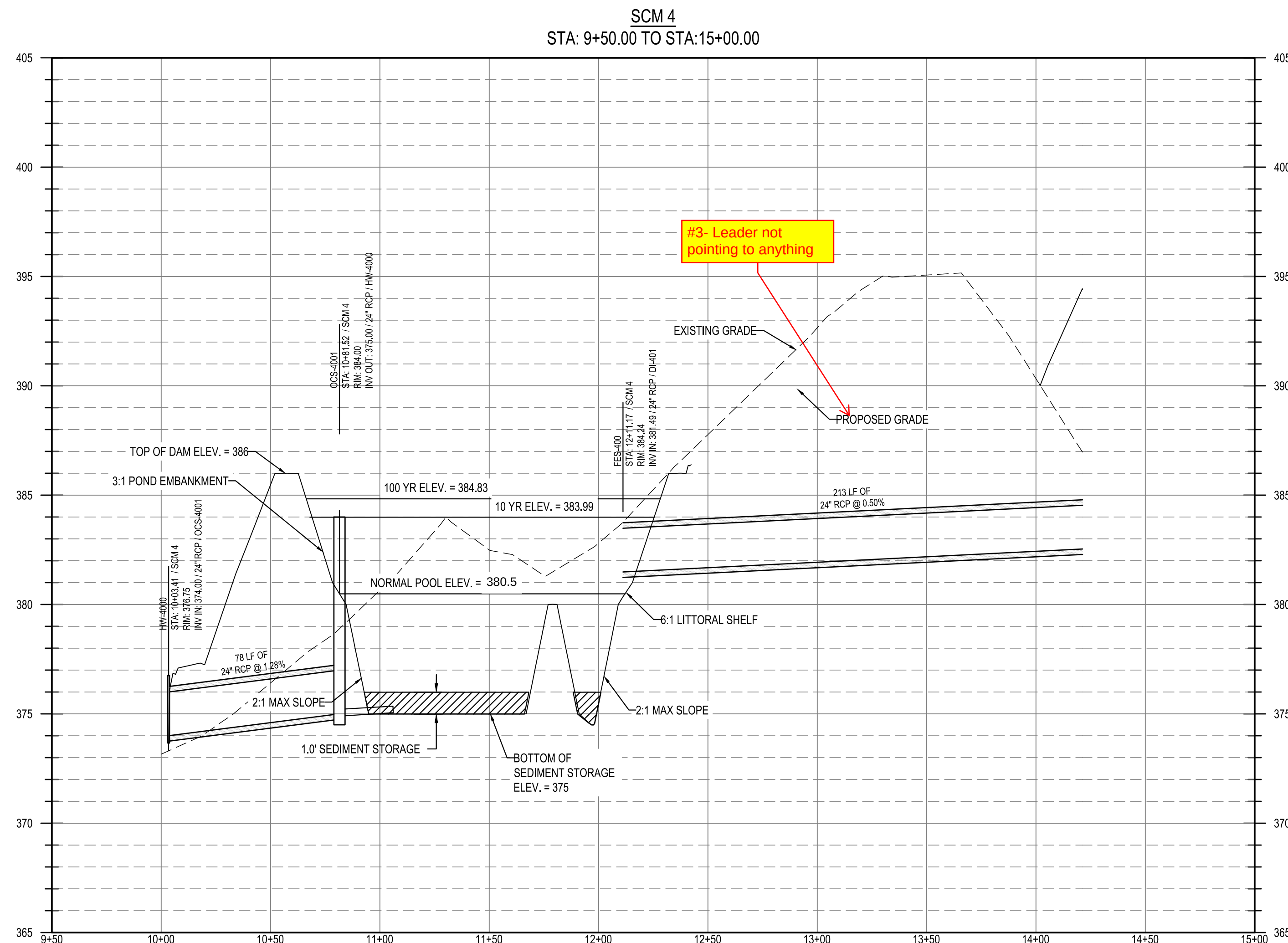
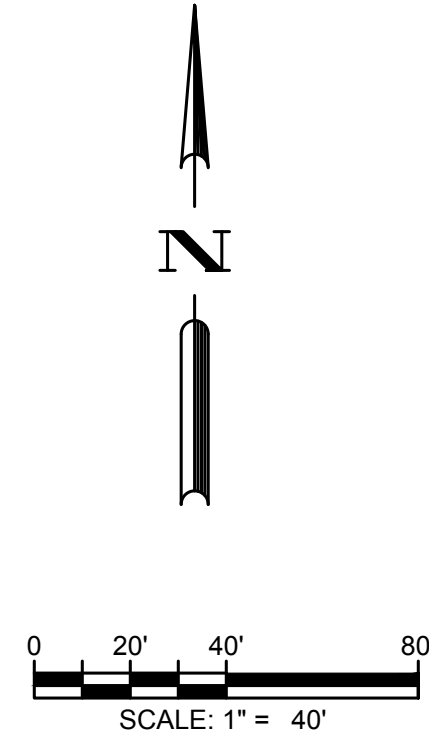
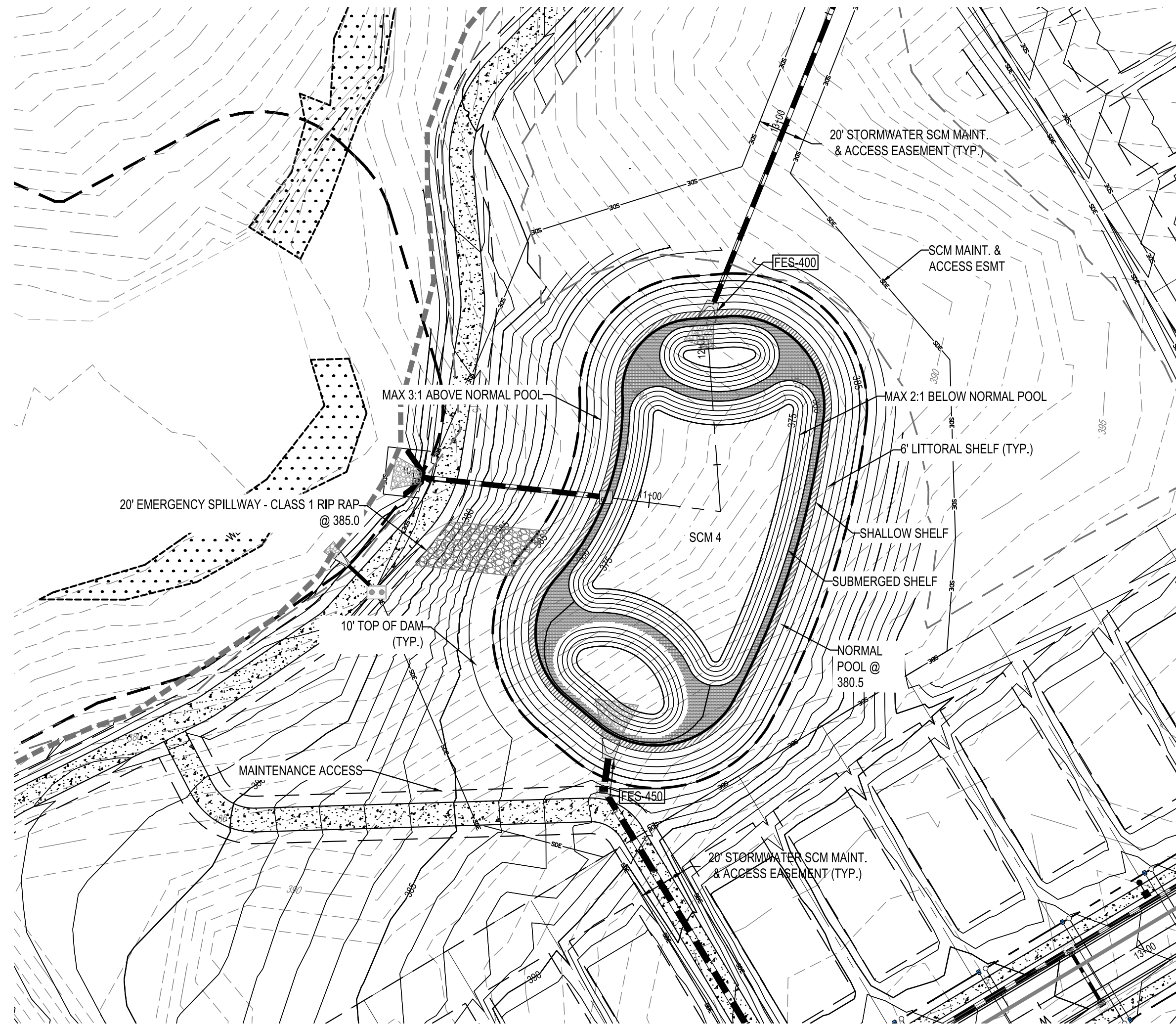
NOT FOR CONSTRUCTION

FILE NUMBER:
8430-03

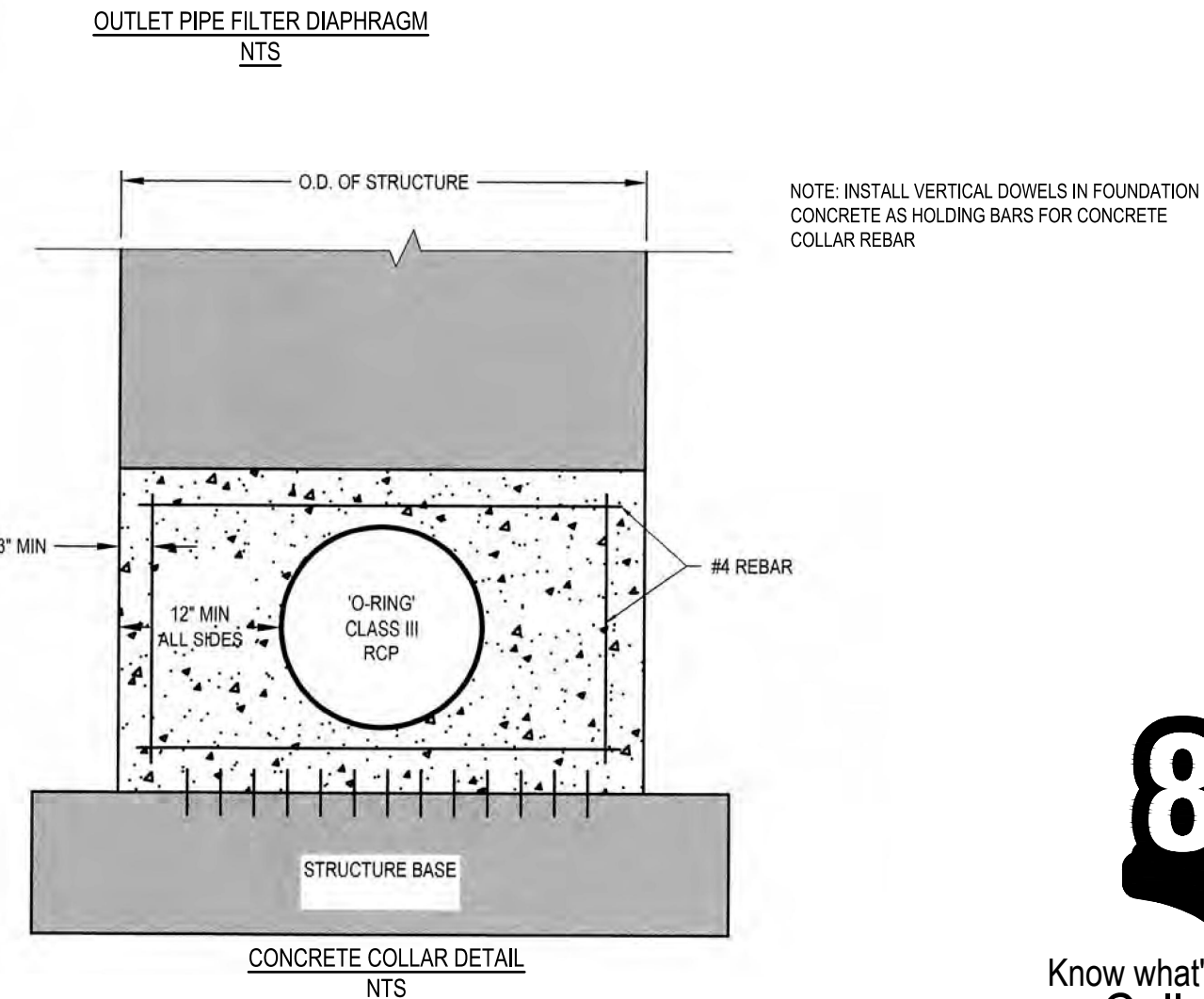
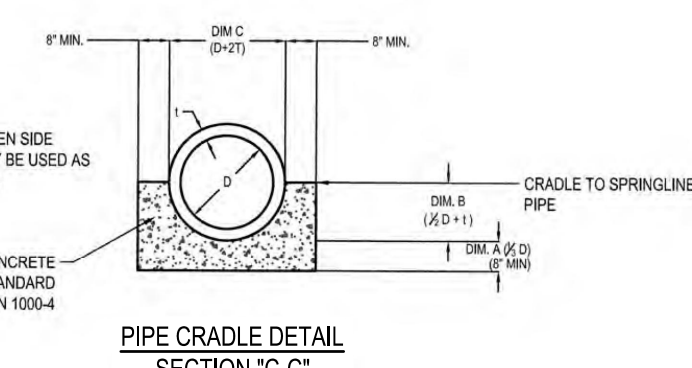
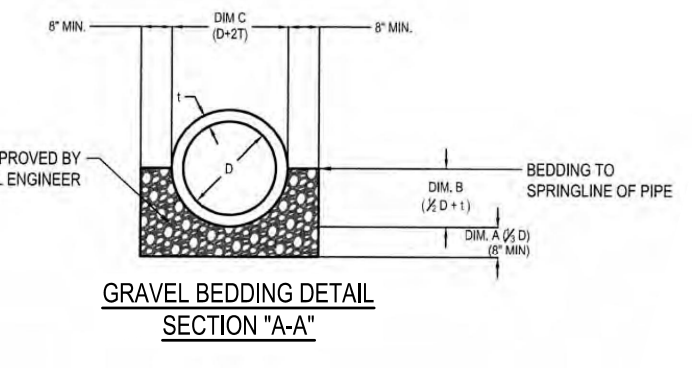
DATE: 10/02/2023

C7-1





NORMAL PIPE SIZE	DM A (10-15)	DM B (10-15)	DM C (10-15)	DM D (10-15)	DM E (10-15)	DM F (10-15)
12"	10	10	10	10	10	10
18"	15	15	15	15	15	15
24"	20	20	20	20	20	20
30"	25	25	25	25	25	25
36"	30	30	30	30	30	30
42"	35	35	35	35	35	35
48"	40	40	40	40	40	40



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

PER TOWN OF ROLESVILLE COMMENT
10/02/2023
08/01/2023
06/01/2023
REV

INITIAL SUBMITTAL

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

BCE

LENNAR
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

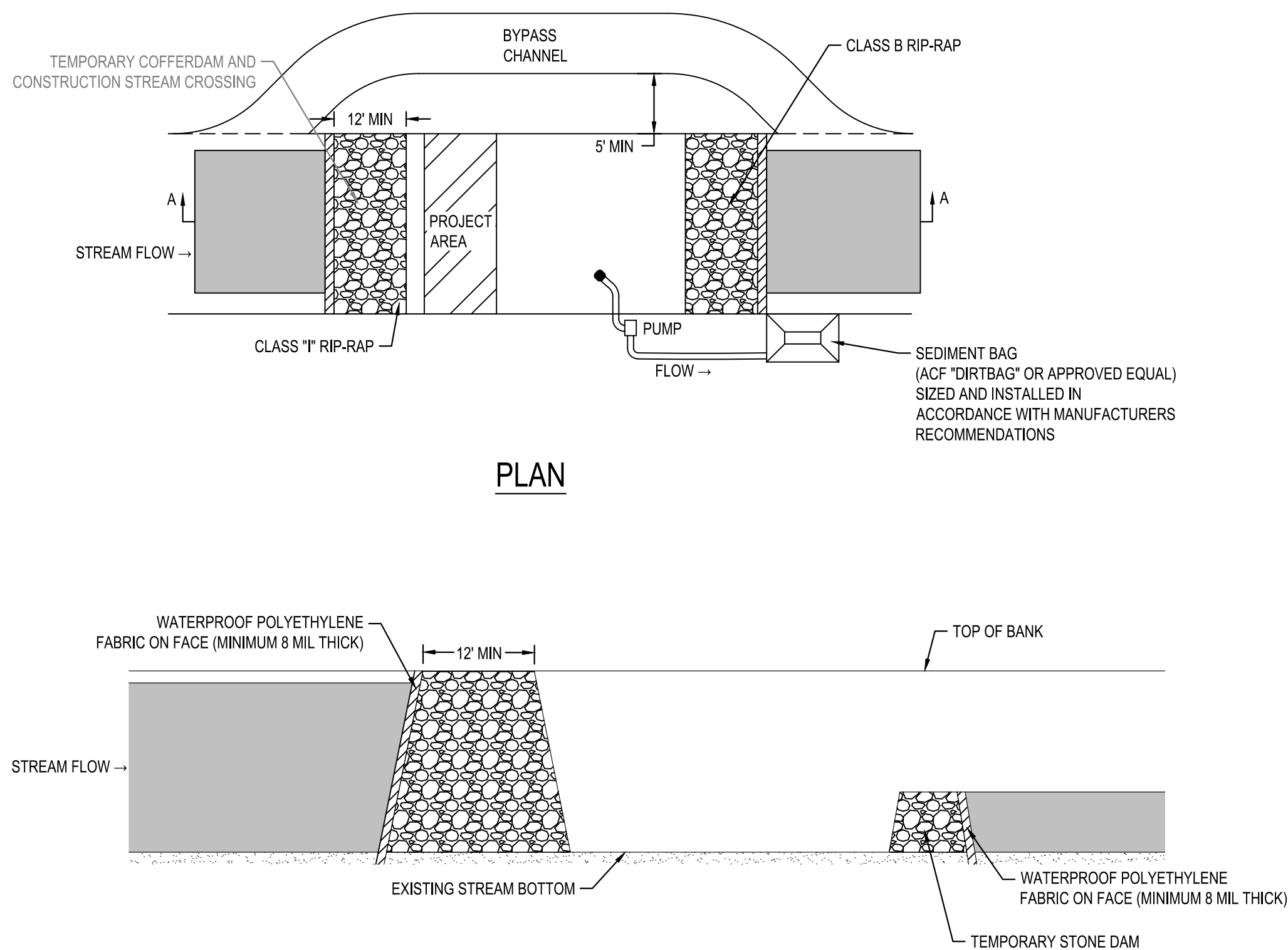
PRELIMINARY
NOT FOR
CONSTRUCTION
FILE NUMBER:
8430-03
DATE: 10/02/2023
C7-3

NOTES (DEWATERING FILTER BAG)

1. CONTRACTOR SHALL EXERCISE CAUTION NOT TO BURST OR DAMAGE THE DEWATERING FILTER BAG WHEN PUMPING.
2. THE DIMENSIONS OF THE DEWATERING FILTER BAG SHOWN ON THIS DRAWING MAY VARY PER VENDOR SPECIFICATIONS.
3. DEWATERING BAGS SHALL BE EQUIPPED WITH A SEW IN SLEEVE OF SUFFICIENT SIZE TO ACCEPT THE PUMP/SIPHON DISCHARGE HOSE. THE DISCHARGE HOSE SHOULD BE EXTENDED INTO THIS SLEEVE A MINIMUM OF SIX INCHES AND BE TIGHTLY SECURED WITH A HOSE CLAMP OR OTHER SUITABLE MEANS TO PREVENT LEAKAGE. HOSE CONNECTION THROUGH A SLIT IN THE BAG WILL NOT BE ACCEPTABLE.
4. THE PUMP DISCHARGE HOSE CONNECTION SLEEVE SHALL BE SECURELY TIED OFF DURING DISPOSAL OF THE DEWATERING FILTER BAG IN ORDER TO PREVENT LEAKAGE OF COLLECTED SEDIMENTS.
5. THE DEWATERING FILTER BAG SHALL BE REPLACED WHEN SIX INCHES OF SEDIMENT HAS ACCUMULATED OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
6. CONTRACTOR SHALL SIZE THE BAG BASED ON THE MAXIMUM FLOW OF THE PUMP OR SIPHON REQUIREMENTS.

MAINTENANCE NOTES

1. INSPECT DAILY DURING BYPASS OPERATION. ANY DAMAGE TO THE SEDIMENT FILTER BAG SHALL BE REPAIRED IMMEDIATELY.
2. DEWATERING FILTER SHALL BE REPLACED WHEN 6" OF SEDIMENT HAS ACCUMULATED OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
3. MONITOR THE DEWATERING FILTER BAG REGULARLY FOR THE PRESENCE OF TURBID WATER BEING DISCHARGED. IF ANY TURBID WATER IS BEING DISCHARGED FROM THE BAG THE SITUATION SHALL BE RESOLVED IMMEDIATELY. IF THE TEMPORARY BLOCKAGES ARE NOT FOUND, ASSUME THE BAG IS AT SEDIMENT CAPACITY AND REPLACE IMMEDIATELY.



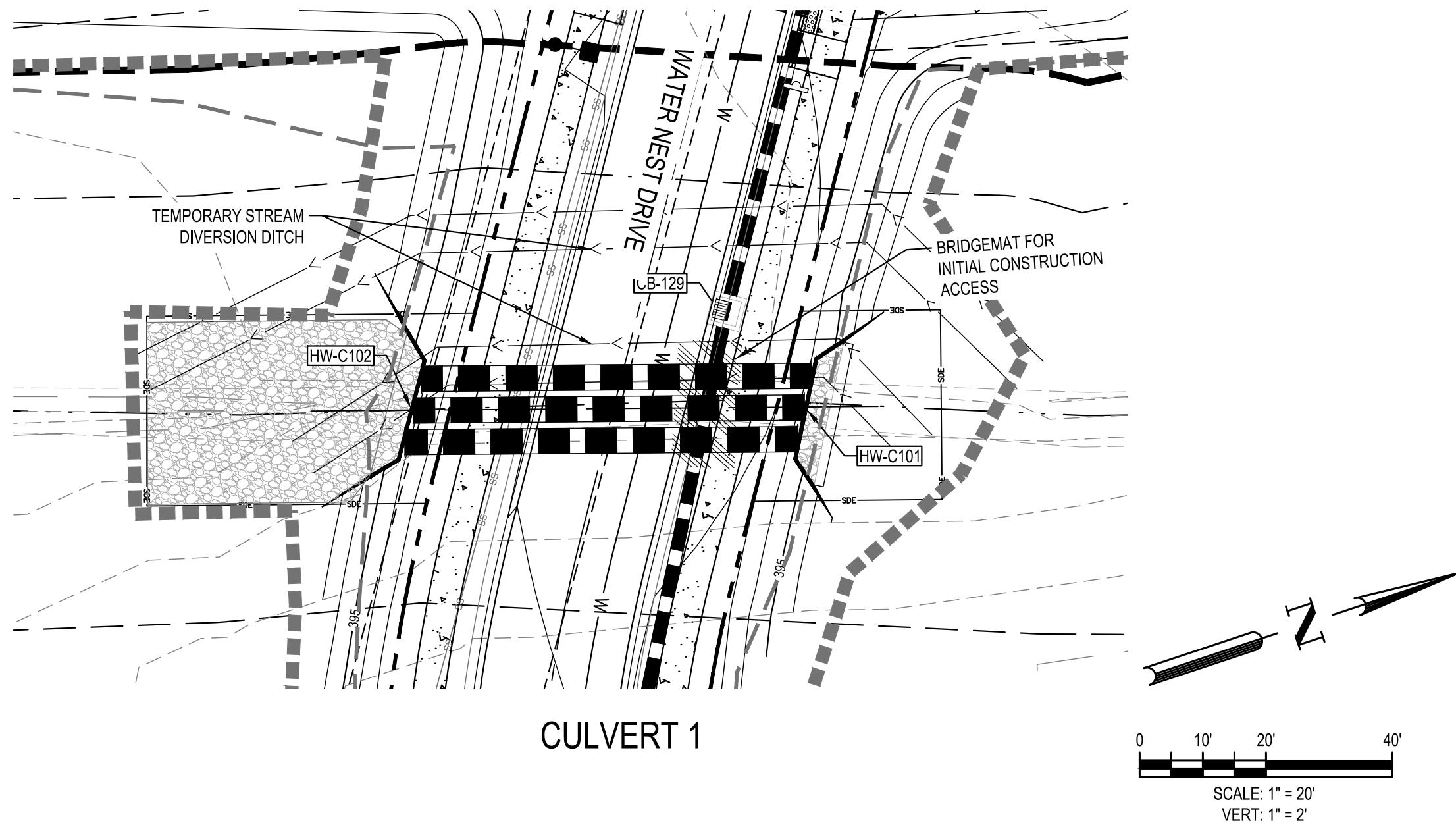
PLAN

SECTION A-A

TEMPORARY STREAM CROSSING BYPASS

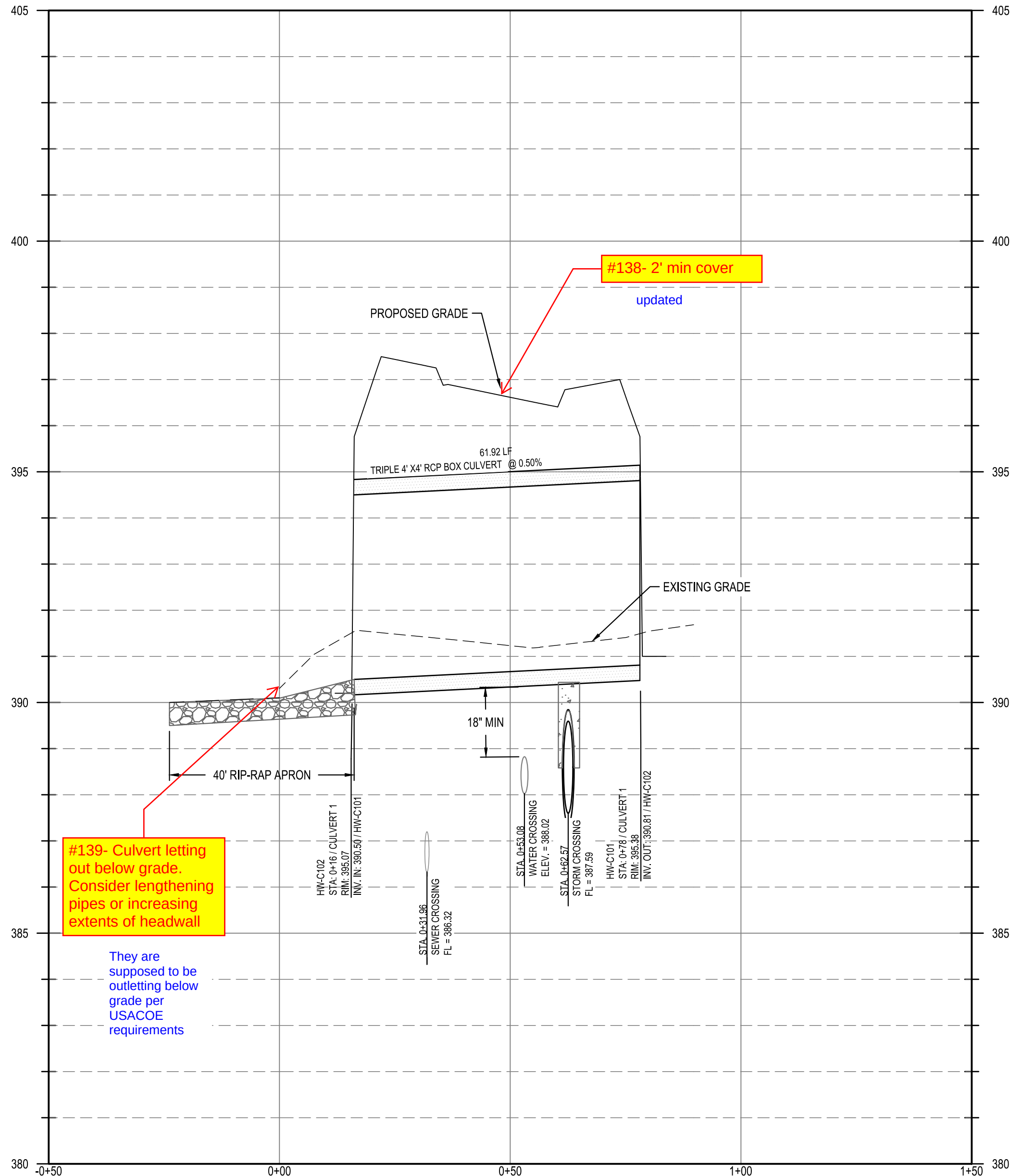
NOT TO SCALE

#48- Label existing contours



CULVERT 1

CULVERT 1
STA: -0+50.00 TO STA:1+50.00



#139- Culvert letting out below grade. Consider lengthening pipes or increasing extents of headwall

They are supposed to be outletting below grade per USACOE requirements

#138- 2' min cover
updated



Know what's below.
Call before you dig.

DESIGNED BY: DF/CD	
DRAWN BY: DF/JWM	
REVIEWED BY: DF	
REV	
10/02/2023 PER TOWN OF ROLESVILLE COMMENT	
08/01/2023 PER TOWN OF ROLESVILLE COMMENT	
06/01/2023 INITIAL SUBMITTAL	
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	
CULVERT 1 PLAN	
PRELIMINARY ENGINEER FEDRA M. FERNANDEZ 10-12-23 NOT FOR CONSTRUCTION FILE NUMBER: 8430-03 DATE: 10/02/2023	
C7-4	

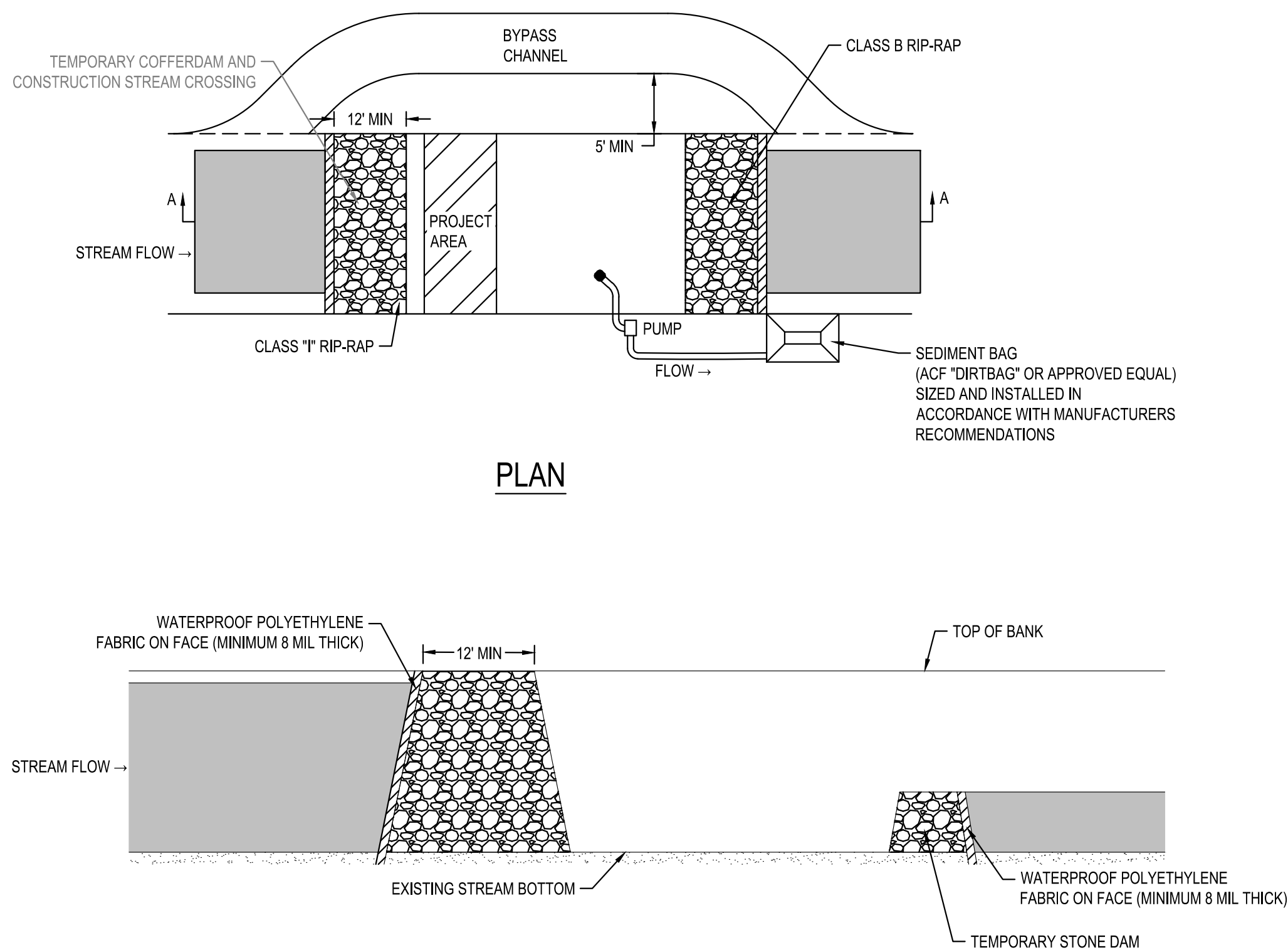
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NOTES (DEWATERING FILTER BAG)

1. CONTRACTOR SHALL EXERCISE CAUTION NOT TO BURST OR DAMAGE THE DEWATERING FILTER BAG WHEN PUMPING.
2. THE DIMENSIONS OF THE DEWATERING FILTER BAG SHOWN ON THIS DRAWING MAY VARY PER VENDOR SPECIFICATIONS.
3. DEWATERING BAGS SHALL BE EQUIPPED WITH A SEW IN SLEEVE OF SUFFICIENT SIZE TO ACCEPT THE PUMP/SIPHON DISCHARGE HOSE. THE DISCHARGE HOSE SHOULD BE EXTENDED INTO THIS SLEEVE A MINIMUM OF SIX INCHES AND BE TIGHTLY SECURED WITH A HOSE CLAMP OR OTHER SUITABLE MEANS TO PREVENT LEAKAGE. HOSE CONNECTION THROUGH A SLIT IN THE BAG WILL NOT BE ACCEPTABLE.
4. THE PUMP DISCHARGE HOSE CONNECTION SLEEVE SHALL BE SECURELY TIED OFF DURING DISPOSAL OF THE DEWATERING FILTER BAG IN ORDER TO PREVENT LEAKAGE OF COLLECTED SEDIMENTS.
5. THE DEWATERING FILTER BAG SHALL BE REPLACED WHEN SIX INCHES OF SEDIMENT HAS ACCUMULATED OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
6. CONTRACTOR SHALL SIZE THE BAG BASED ON THE MAXIMUM FLOW OF THE PUMP OR SIPHON REQUIREMENTS.

MAINTENANCE NOTES

1. INSPECT DAILY DURING BYPASS OPERATION. ANY DAMAGE TO THE SEDIMENT FILTER BAG SHALL BE REPAIRED IMMEDIATELY.
2. DEWATERING FILTER SHALL BE REPLACED WHEN 6" OF SEDIMENT HAS ACCUMULATED OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
3. MONITOR THE DEWATERING FILTER BAG REGULARLY FOR THE PRESENCE OF TURBID WATER BEING DISCHARGED. IF ANY TURBID WATER IS BEING DISCHARGED FROM THE BAG THE SITUATION SHALL BE RESOLVED IMMEDIATELY. IF THE TEMPORARY BLOCKAGES ARE NOT FOUND, ASSUME THE BAG IS AT SEDIMENT CAPACITY AND REPLACE IMMEDIATELY.

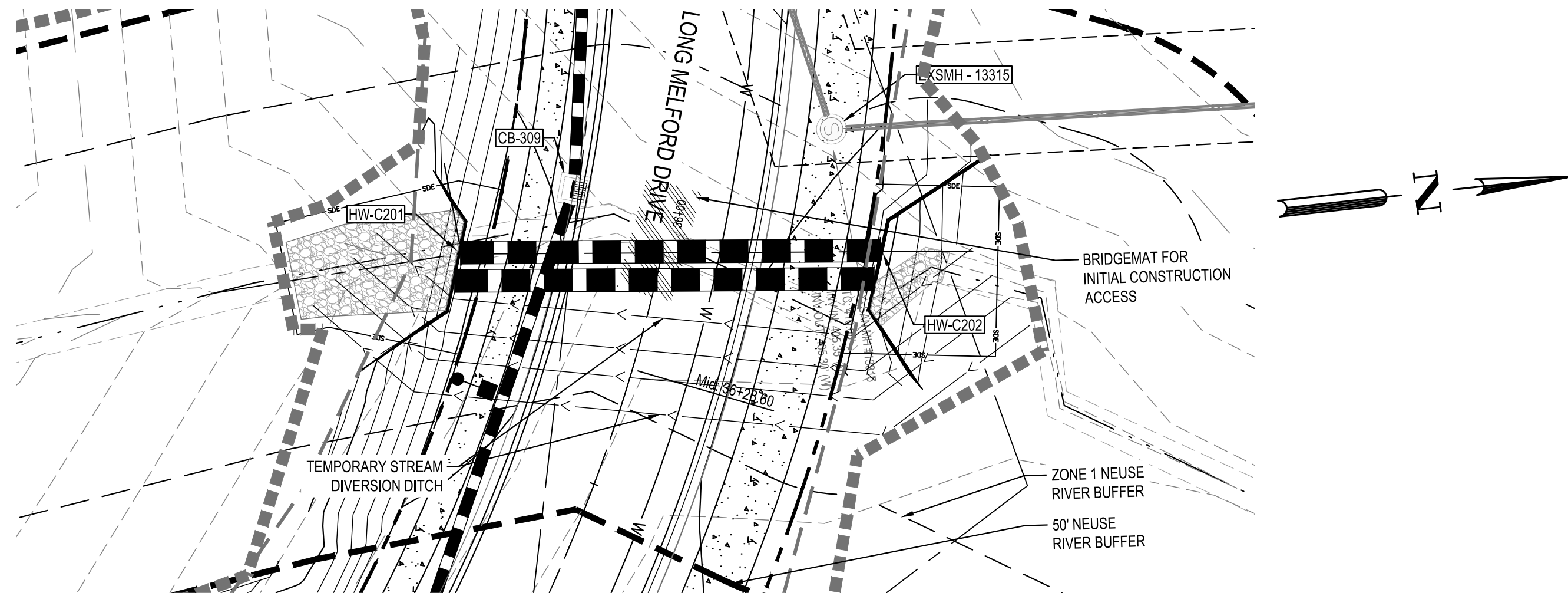


PLAN

SECTION A-A

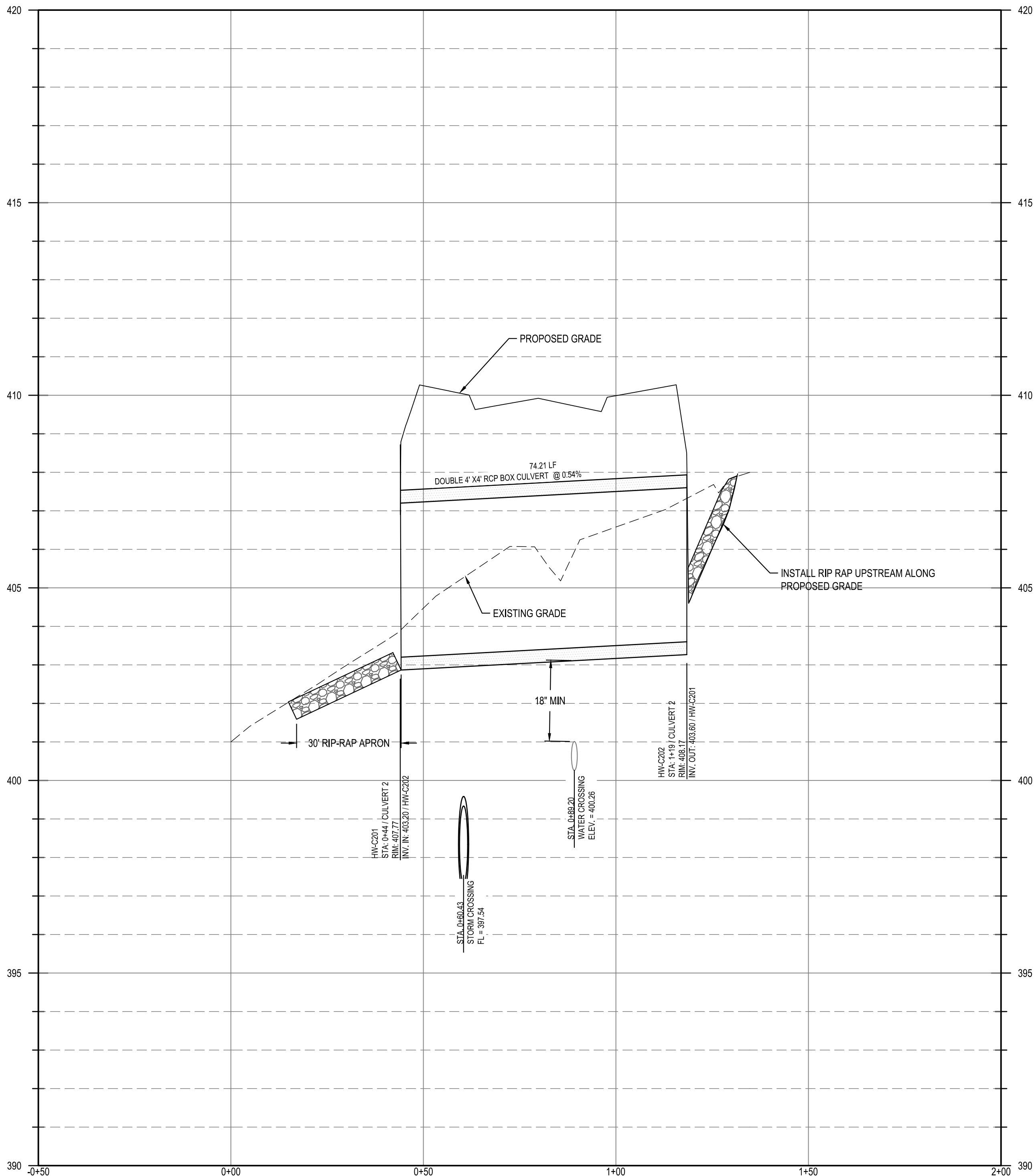
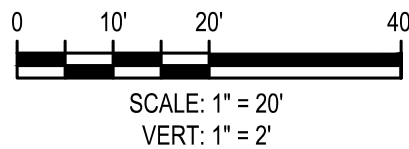
TEMPORARY STREAM CROSSING BYPASS

NOT TO SCALE



CULVERT 2

CULVERT 2
STA: -0+50.00 TO STA:2+00.00



Know what's below.
Call before you dig.

PER TOWN OF ROLESVILLE COMMENT		10/02/2023
PER TOWN OF ROLESVILLE COMMENT		08/01/2023
INITIAL SUBMITTAL		06/01/2023
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 CORPORAION 1100 PERIMETER PARK DRIVE, SUITE 112 MORRISVILLE / NORTH CAROLINA / 27560		
PARKER RIDGE 82 SCHOOL STREET ROLESVILLE / NORTH CAROLINA / 27571		
CULVERT 2 PLAN		
 PRELIMINARY NOT FOR CONSTRUCTION FILE NUMBER: 8430-03 DATE: 10/02/2023		
C7-5		

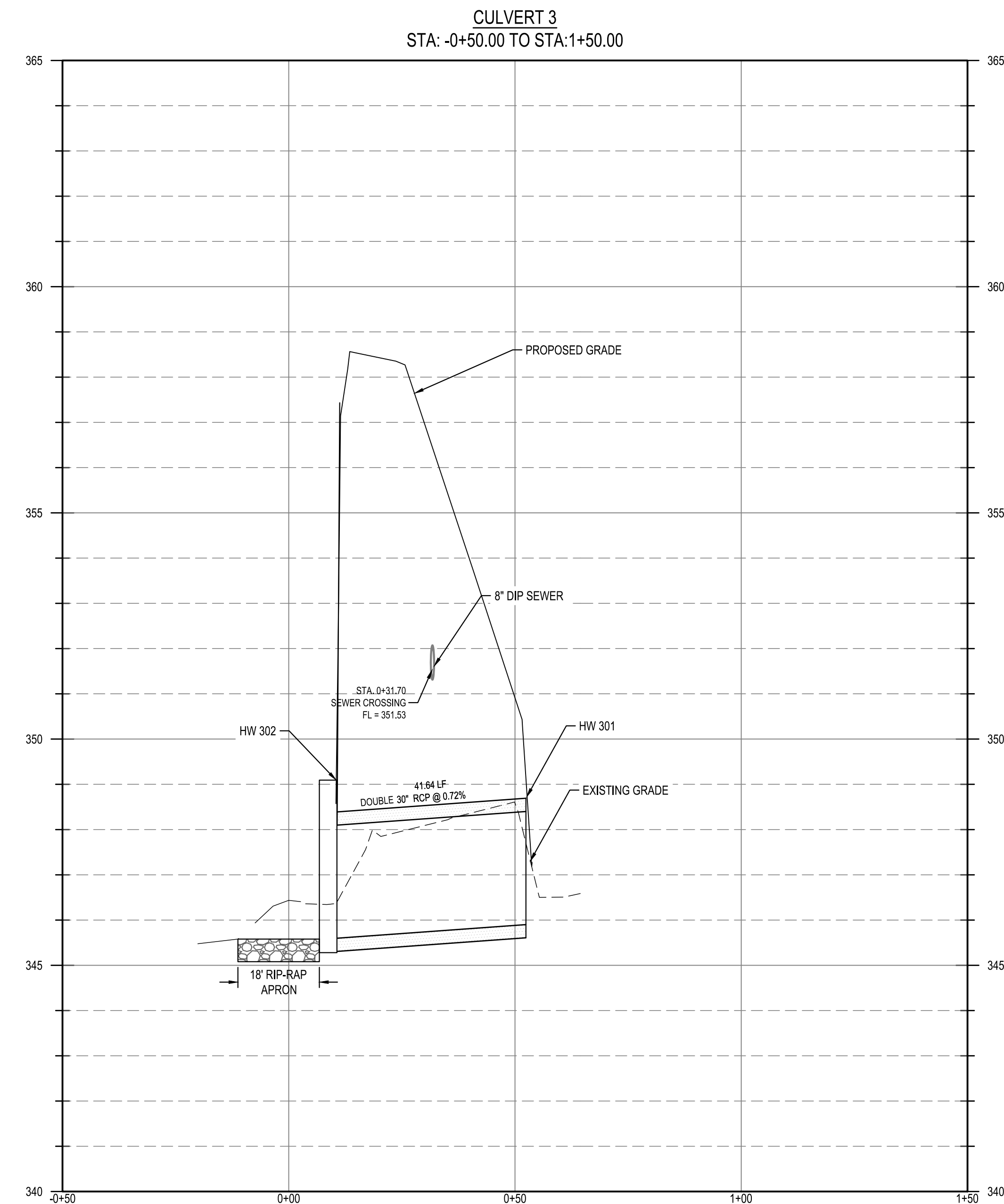
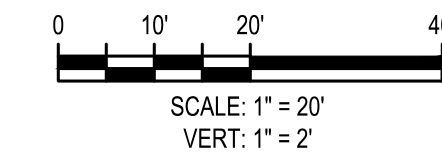
1. CONTRACTOR SHALL EXERCISE CAUTION NOT TO BURST OR DAMAGE THE DOWATERING/FILTER BAG WHEN PUMPING.
2. THE DIMENSIONS OF THE DOWATERING FILTER BAG SHOWN ON THIS DRAWING MAY VARY PER VENDOR SPECIFICATIONS.
3. DOWATERING BAGS SHALL BE EQUIPPED WITH A SEWN IN SLEEVE OF SUFFICIENT SIZE TO ACCEPT THE PUMP/SIPHON DISCHARGE HOSE. THE DISCHARGE HOSE SHOULD BE EXTENDED INTO THIS SLEEVE A MINIMUM OF SIX INCHES AND BE SECURELY SECURED TO THE PUMP OR OTHER SUITABLE MEANS TO PREVENT LEAKAGE. HOSE CONNECTION THROUGH A SLIT IN THE BAG WILL NOT BE ACCEPTABLE.
4. THE PUMP DISCHARGE HOSE CONNECTION SLEEVE SHALL BE SECURELY TIED OFF DURING DISPOSAL OF THE DOWATERING FILTER BAG IN ORDER TO PREVENT LEAKAGE OF COLLECTED SEDIMENTS.
5. THE DOWATERING FILTER BAG SHALL BE REPLACED WHEN SIX INCHES OF SEDIMENT HAS ACCUMULATED OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
6. CONTRACTOR SHALL SIZE THE BAG BASED ON THE MAXIMUM FLOW OF THE PUMP OR SIPHON REQUIREMENTS.

1. INSPECT DAILY DURING BYPASS OPERATION. ANY DAMAGE TO THE SEDIMENT FILTER BAG SHALL BE REPAIRED IMMEDIATELY.
2. DEWATERING FILTER SHALL BE REPLACED WHEN 6" OF SEDIMENT HAS ACCUMULATED OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
3. MONITOR THE DEWATERING FILTER BAG REGULARLY FOR THE PRESENCE OF TURBID WATER BEING DISCHARGED. IF ANY TURBID WATER IS BEING DISCHARGED FROM THE BAG THE SITUATION SHALL BE RESOLVED IMMEDIATELY. IF THE TEMPORARY BLOCKAGES ARE NOT FOUND, ASSUME THE BAG IS AT SEDIMENT CAPACITY AND REPLACE IMMEDIATELY.



TEMPORARY STREAM CROSSING BYPASS

NOT TO SCALE



	DESIGNED BY:	DF/CD	10/02/2023	PER TOWN OF ROLESVILLE COMMENT
	DRAWN BY:	DF/JWM	08/01/2023	PER TOWN OF ROLESVILLE COMMENT
	REVIEWED BY:	DF	06/01/2023	INITIAL SUBMITTAL
	5440 WADE PARK BLVD., SUITE 102 RALEIGH NC 27607 WWW.BCEINC.COM NC LICENSE #C-4397			
	©2023			
CULVERT 3 PLAN 				
PARKER RIDGE 82 SCHOOL STREET ROLESVILLE / NORTH CAROLINA / 27571				
LENNAR CORPORAION 1100 PERIMETER PARK DRIVE, SUITE 112 MORRISVILLE / NORTH CAROLINA / 27560				
C7-6				

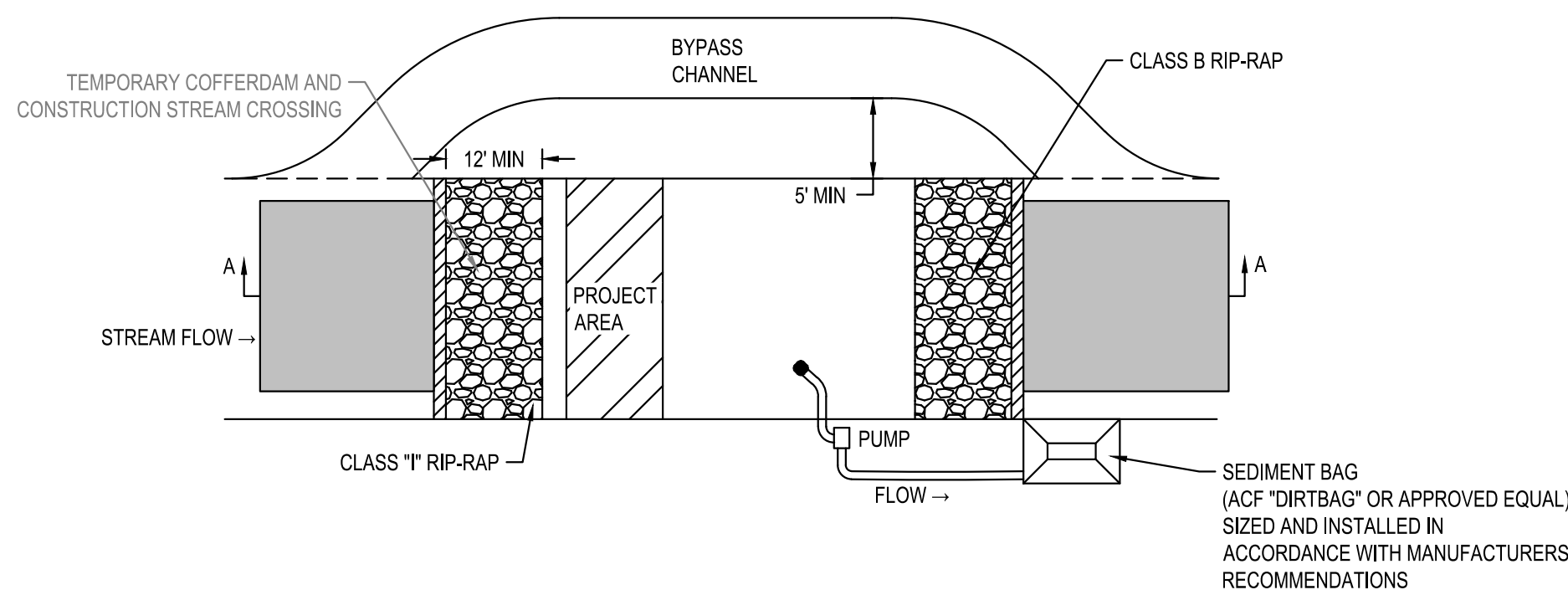
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NOTES (DEWATERING FILTER BAG)

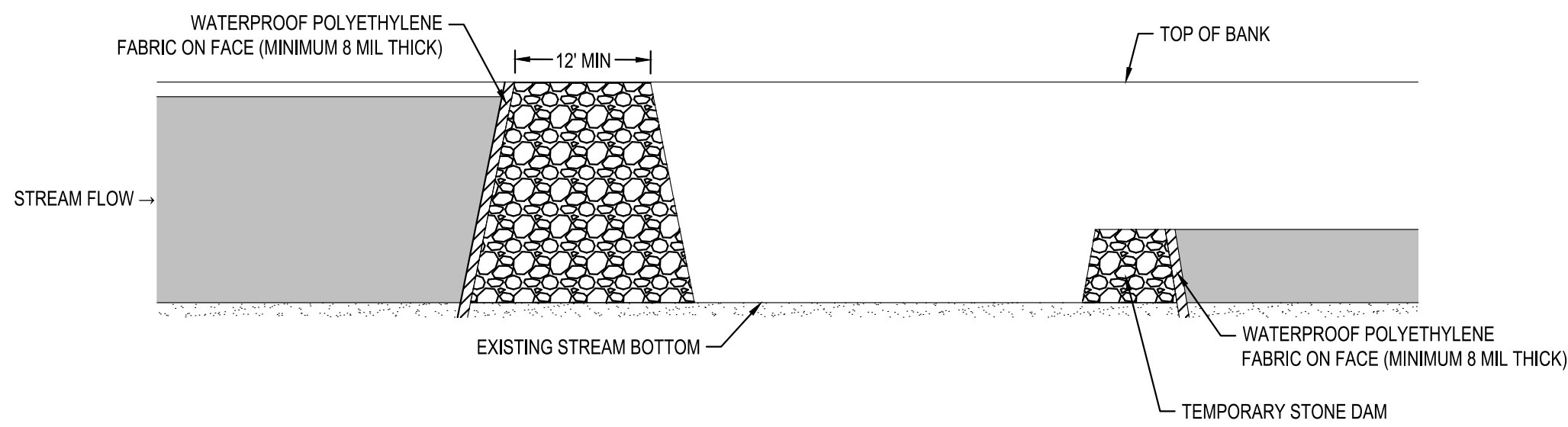
1. CONTRACTOR SHALL EXERCISE CAUTION NOT TO BURST OR DAMAGE THE DEWATERING FILTER BAG WHEN PUMPING.
2. THE DIMENSIONS OF THE DEWATERING FILTER BAG SHOWN ON THIS DRAWING MAY VARY PER VENDOR SPECIFICATIONS.
3. DEWATERING BAGS SHALL BE EQUIPPED WITH A SEW IN SLEEVE OF SUFFICIENT SIZE TO ACCEPT THE PUMP/SIPHON DISCHARGE HOSE. THE DISCHARGE HOSE SHOULD BE EXTENDED INTO THIS SLEEVE A MINIMUM OF SIX INCHES AND BE TIGHTLY SECURED WITH A HOSE CLAMP OR OTHER SUITABLE MEANS TO PREVENT LEAKAGE. HOSE CONNECTION THROUGH A SLIT IN THE BAG WILL NOT BE ACCEPTABLE.
4. THE PUMP DISCHARGE HOSE CONNECTION SLEEVE SHALL BE SECURELY TIED OFF DURING DISPOSAL OF THE DEWATERING FILTER BAG IN ORDER TO PREVENT LEAKAGE OF COLLECTED SEDIMENTS.
5. THE DEWATERING FILTER BAG SHALL BE REPLACED WHEN SIX INCHES OF SEDIMENT HAS ACCUMULATED OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
6. CONTRACTOR SHALL SIZE THE BAG BASED ON THE MAXIMUM FLOW OF THE PUMP OR SIPHON REQUIREMENTS.

MAINTENANCE NOTES

1. INSPECT DAILY DURING BYPASS OPERATION. ANY DAMAGE TO THE SEDIMENT FILTER BAG SHALL BE REPAIRED IMMEDIATELY.
2. DEWATERING FILTER SHALL BE REPLACED WHEN 6" OF SEDIMENT HAS ACCUMULATED OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
3. MONITOR THE DEWATERING FILTER BAG REGULARLY FOR THE PRESENCE OF TURBID WATER BEING DISCHARGED. IF ANY TURBID WATER IS BEING DISCHARGED FROM THE BAG THE SITUATION SHALL BE RESOLVED IMMEDIATELY. IF THE TEMPORARY BLOCKAGES ARE NOT FOUND, ASSUME THE BAG IS AT SEDIMENT CAPACITY AND REPLACE IMMEDIATELY.



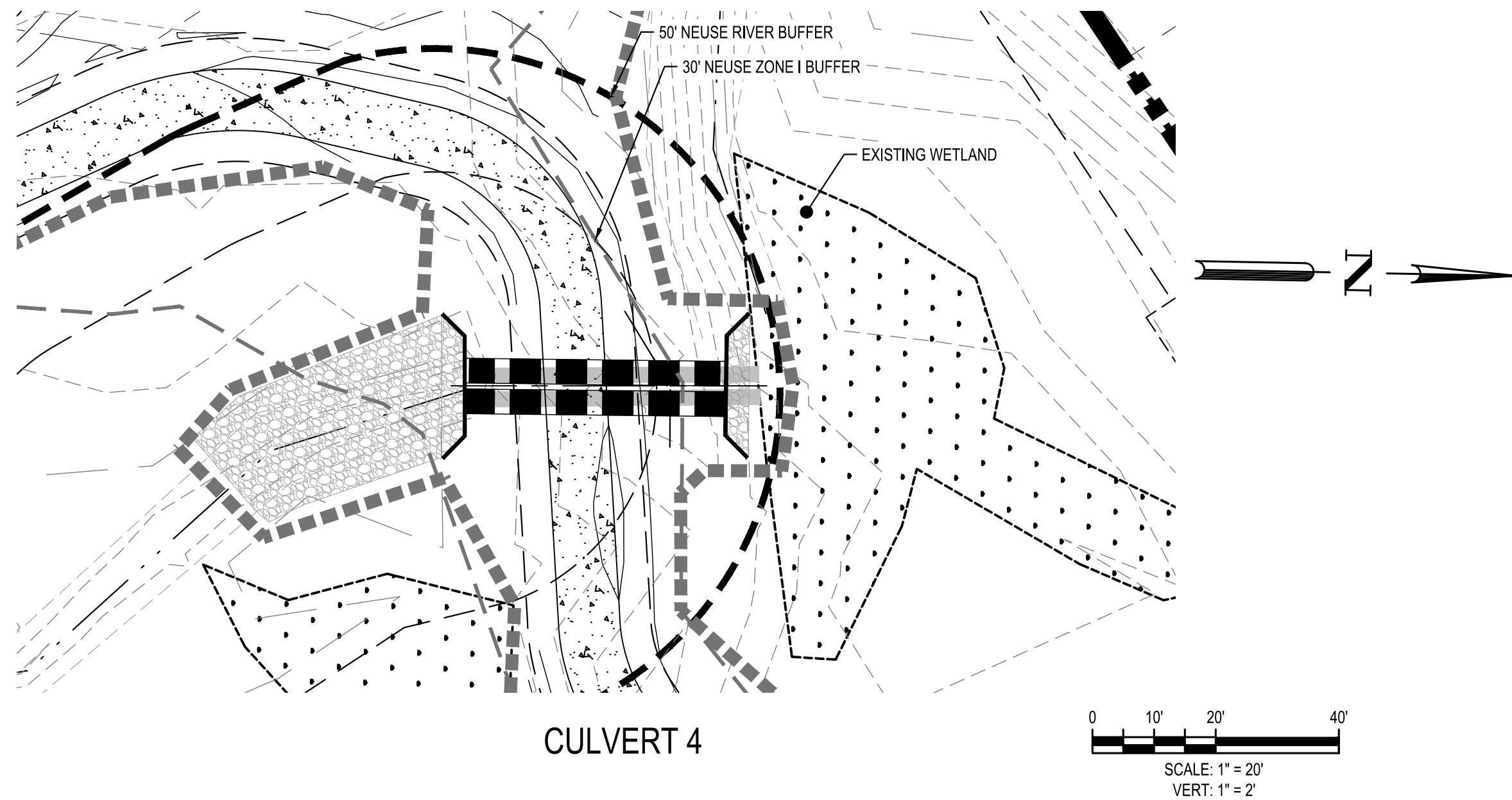
PLAN



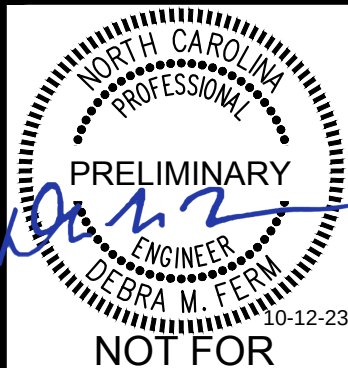
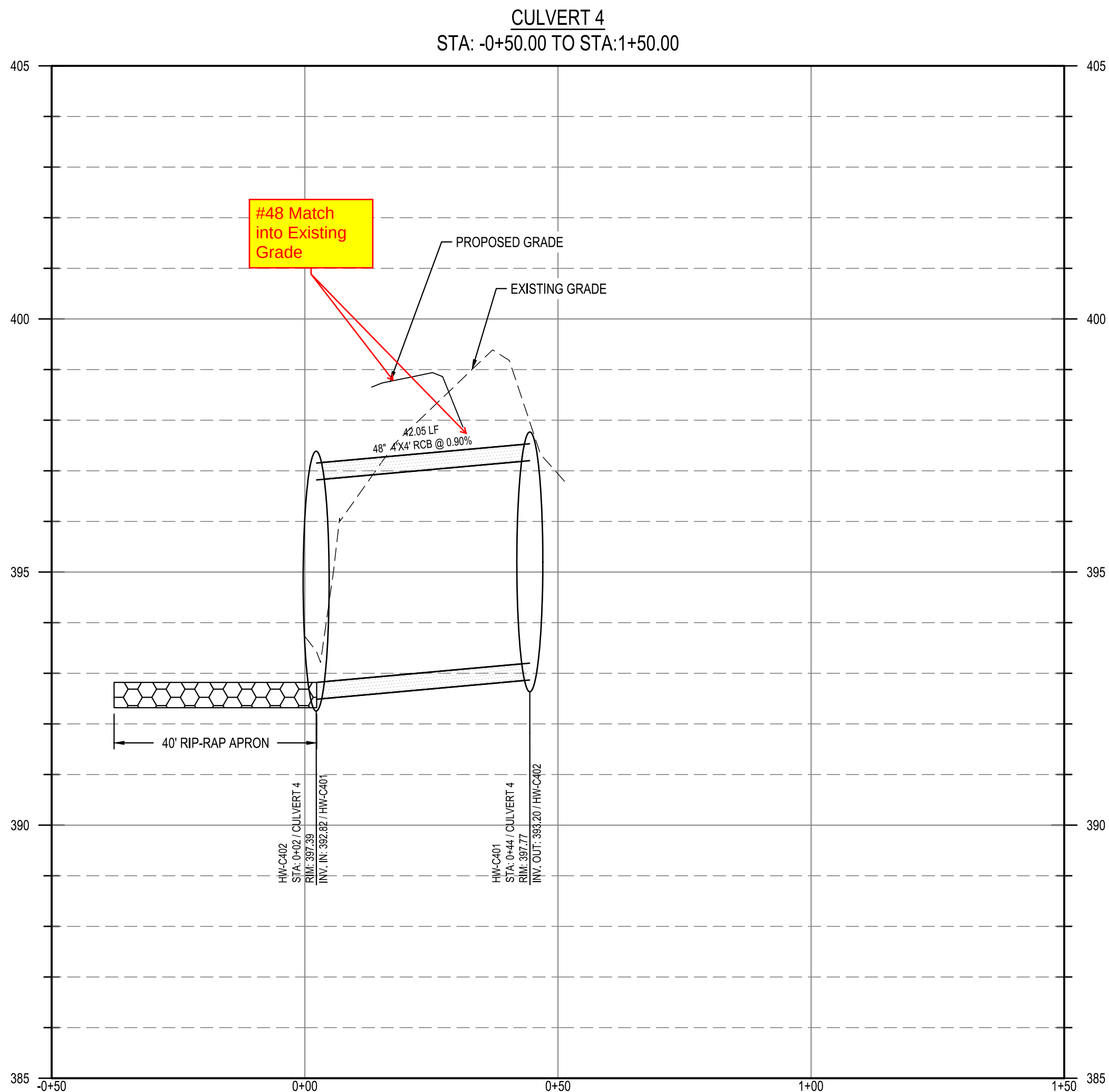
SECTION A-A

TEMPORARY STREAM CROSSING BYPASS

NOT TO SCALE



CULVERT 4



FILE NUMBER:
8430-03
DATE: 10/02/2023

C7-7

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

PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

CULVERT 4 PLAN

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

10/02/2023	PER TOWN OF ROLESVILLE COMMENT
08/01/2023	PER TOWN OF ROLESVILLE COMMENT
06/01/2023	INITIAL SUBMITTAL
REV	

StormRax™

PEAK ROOF STRUCTURE

(STANDARD SIZES)

PROVIDE ALL DIMENSIONS IN INCHES

PLAN VIEW

SIDE VIEW

HOPE STRUCTURAL PLASTICITY

PLASTIC SOLUTIONS, INC.

HOST STRUCTURE INFORMATION

PART NUMBER

LENGTH

WIDTH

WALL THICKNESS (REQD.)

AVAILABLE OPTIONS

1" CHANNEL STEEL CROSS-BRACING

REMOVABLE ACCESS HATCH

HOPE ANTI-VORTEX PLATE

NOTES: 1. GABLE END SHOULD BE SHORTER END WHEN MEASURING

2. MEASUREMENT CHANGES WILL OCCUR WHEN ACCESS DOORS ARE

NEEDED AND LADDER PLACEMENT IS DETERMINED.

WIDTH A

CODE

HEIGHT C

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28 1/8

32 7/8

36 1/4

38 7/8

42 1/2

45 13/16

48

51 3/8

54 3/4

57 1/2

60 1/2

63 1/4

66 7/16

69 3/8

72 3/4

75 1/2

78 1/2

81 5/8

84 1/2

87 1/4

90 1/4

93 1/4

96 1/4

99 3/4

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