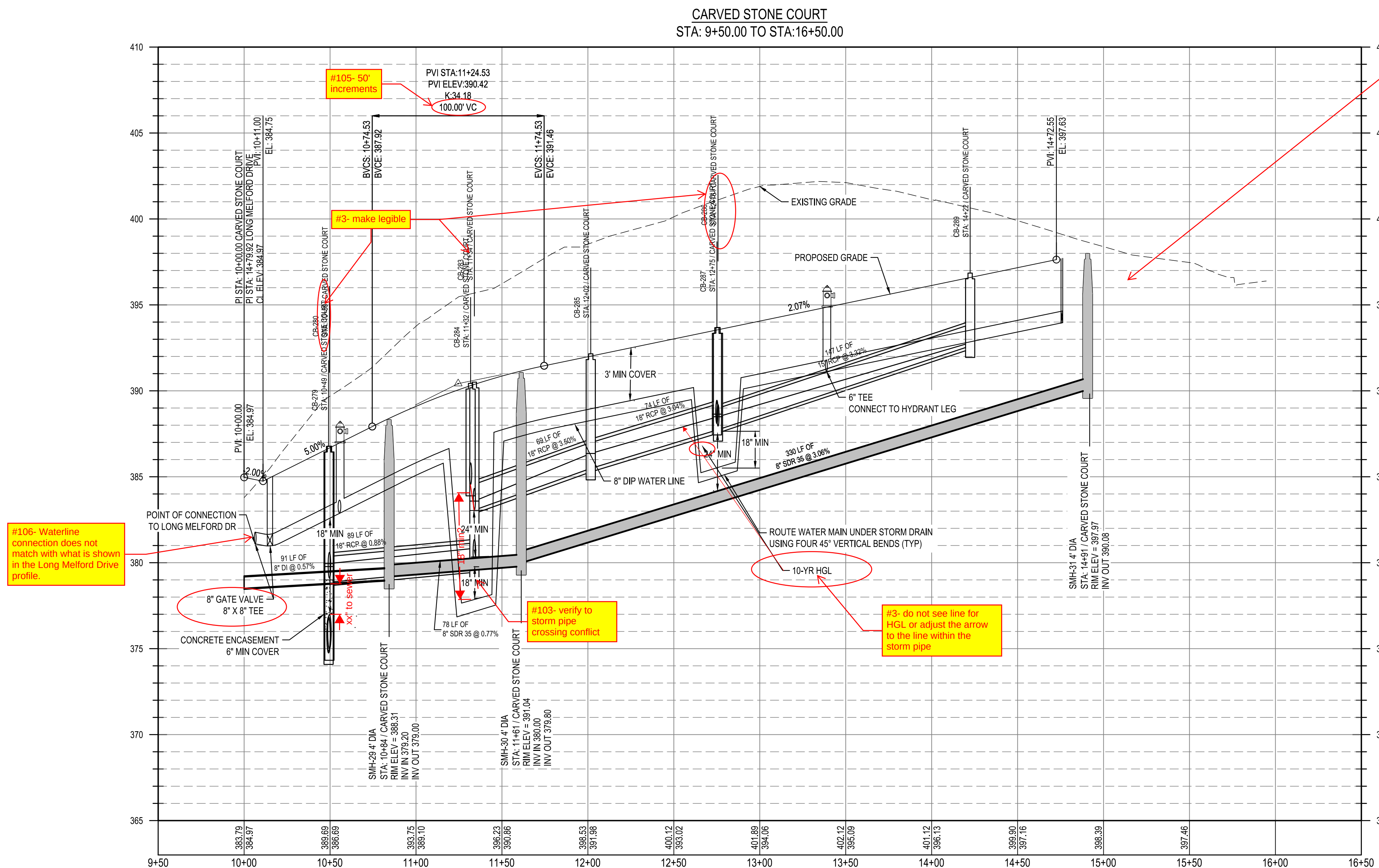
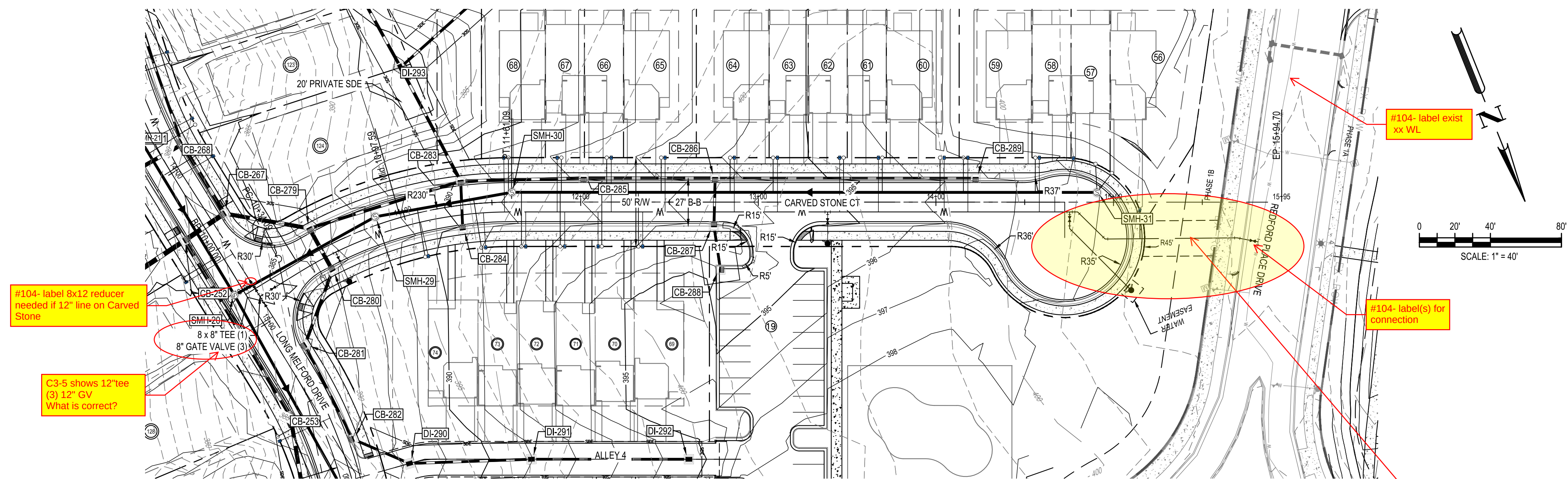
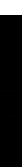


#102- Make sure dimensions are in the correct locations and it is clear what is being dimensions. Some dimensions don't seem to line up with top/bottom of pipes. If crossings do not meet minimum requirements, the design will need to be adjusted. Minimum separation requirements should be shown at all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



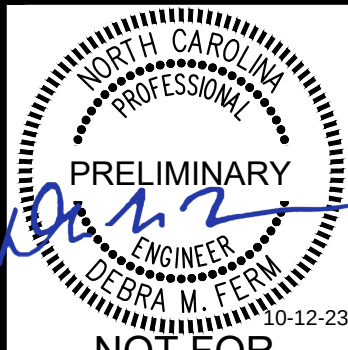
#108- Carved Stone Ct.

 5440 WADE PARK BLVD, SUITE 102 WWW.BGEINC.COM NC LICENSE #C-4397 ©2023	DESIGNED BY:				
	DRAWN BY:				
	REVIEWED BY:		DF		
			DF/JWM	10/02/2023	PER TOWN OF ROLESVILLE COMMENT
				08/01/2023	PER TOWN OF ROLESVILLE COMMENT
		REV	06/01/2023	INITIAL SUBMITTAL	

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

PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

CARVED STREET CT PLAN
AND PROFILE



NOT FOR
CONSTRUCTION

FILE NUMBER:
8430-03

DATE: 10/02/2023

C6-0

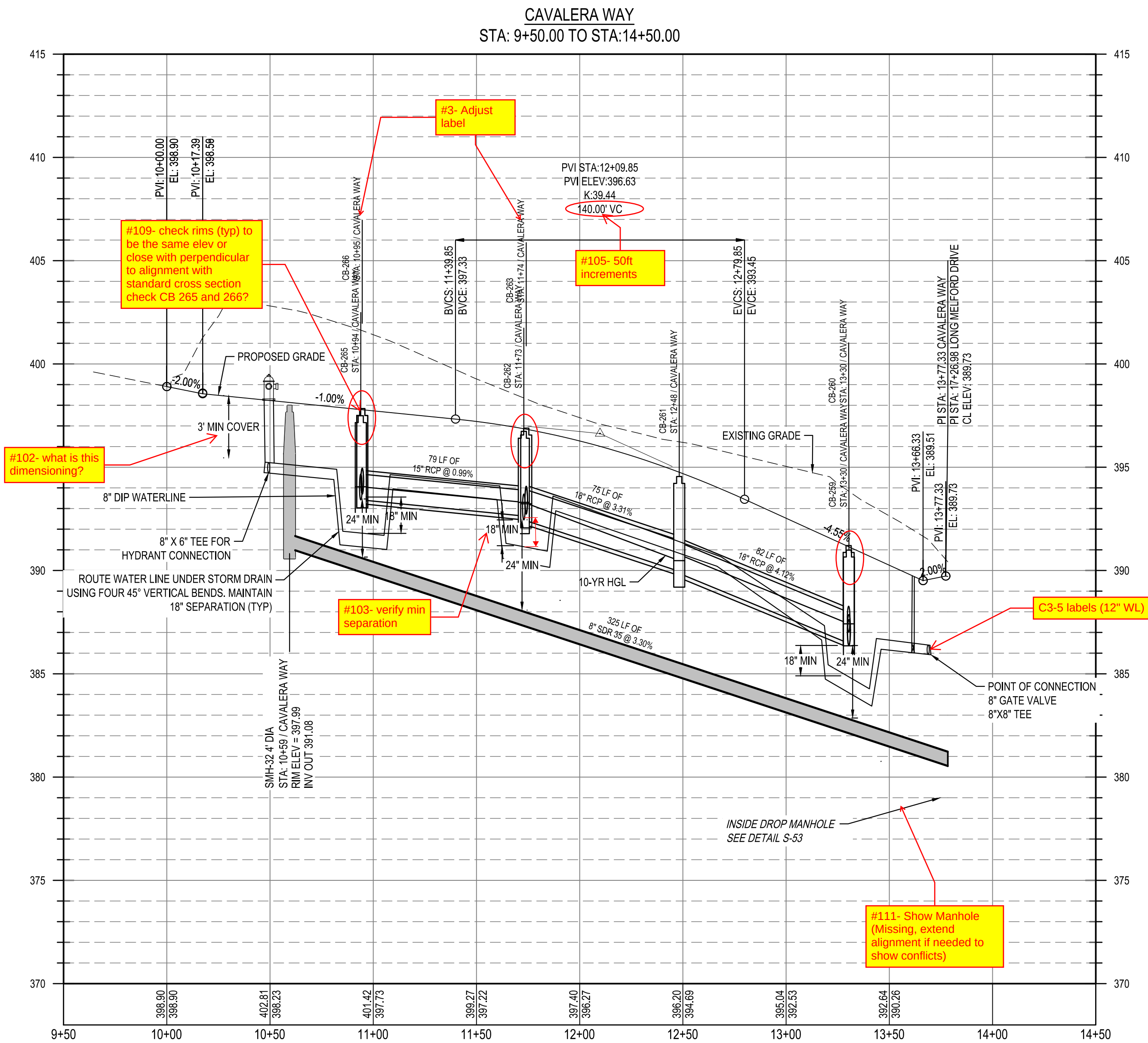
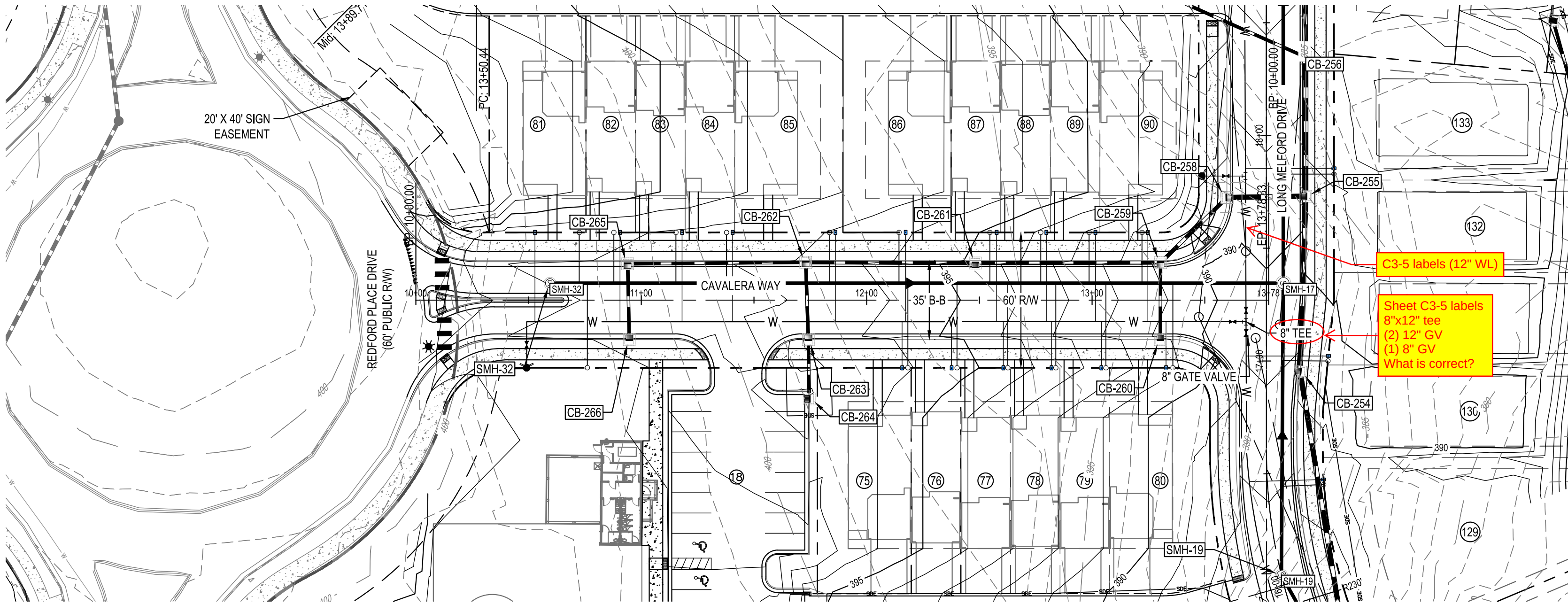


Know what's below.
Call before you dig.

\\browngay.net\panzura\Regions\NCA\Projects\Lennar\8430-03 - Lennar - School Street - Layout C6-1 STREET B PLAN AND PROFILE.dwg Layout: C6-1 STREET B PLAN AND PROFILE Plotted: 10/2/2023 4:39:33 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.

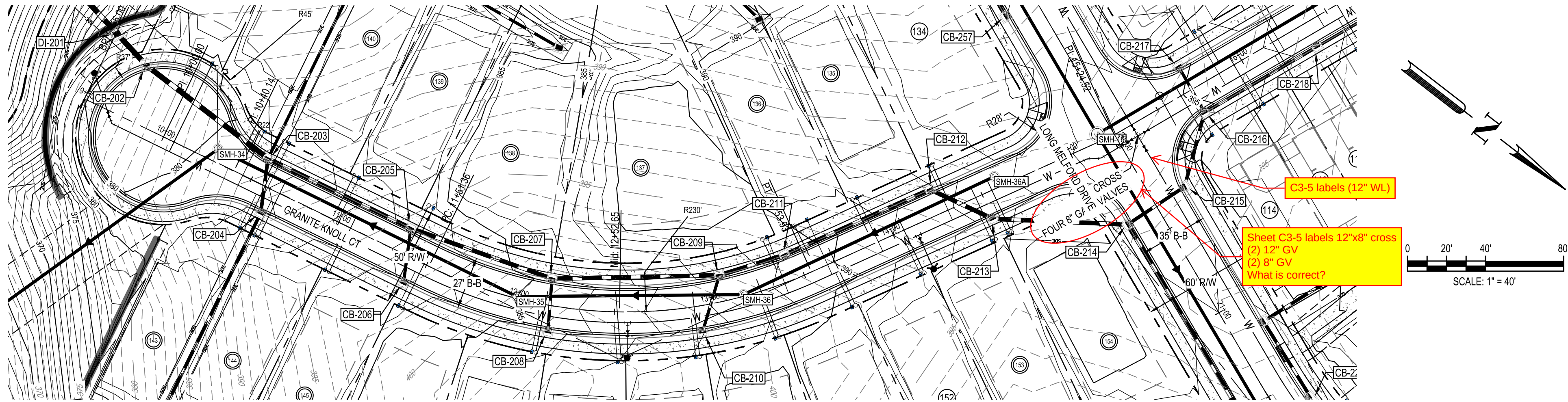
#102- Make sure dimensions are in the correct locations and it is clear what is being dimensions. Some dimensions don't seem to line up with top/bottom of pipes. If crossings do not meet minimum requirements, the design will need to be adjusted. Minimum separation requirements should be shown at all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



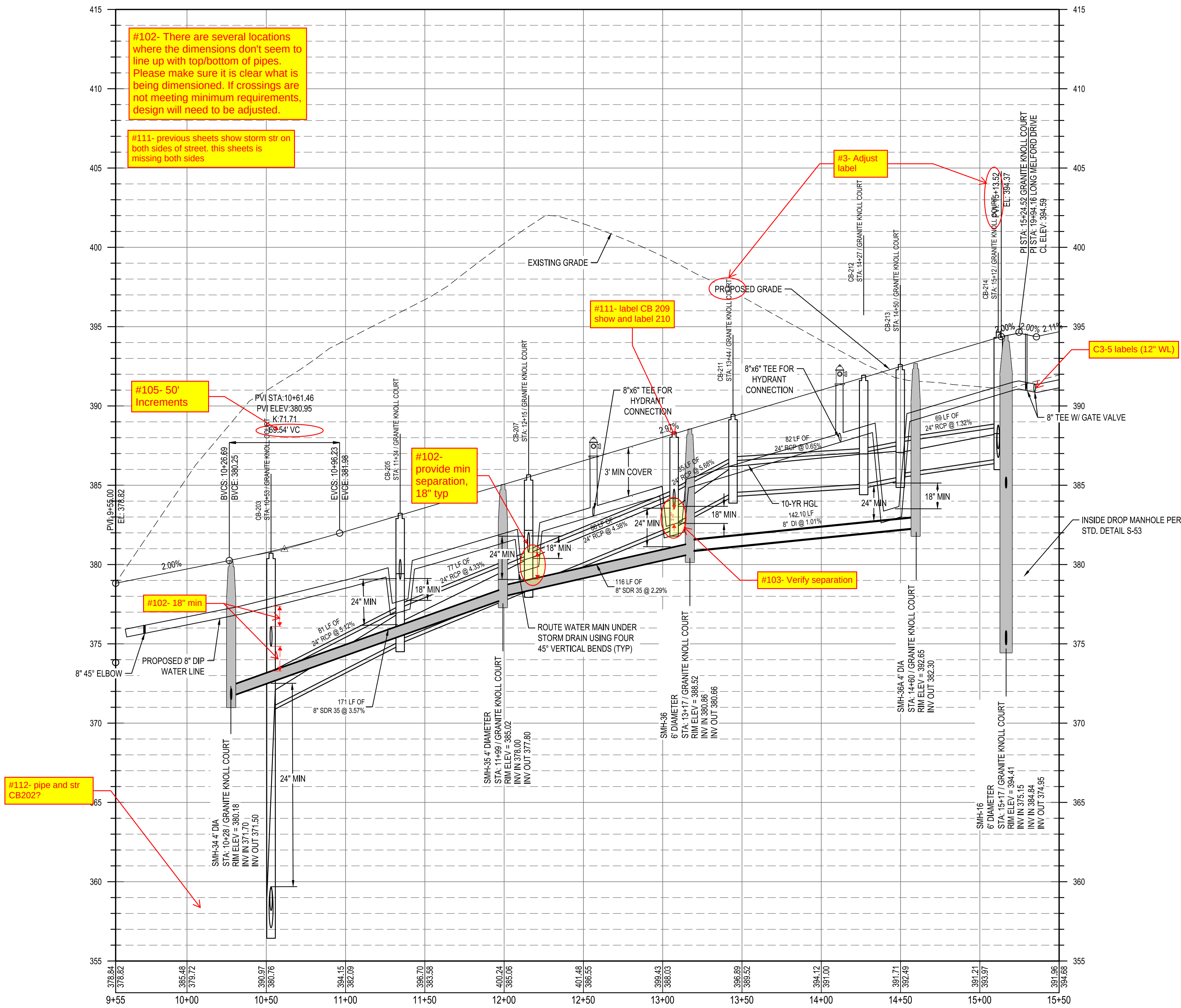
Know what's below.
Call before you dig.

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		
CAVALERA WAY PLAN AND PROFILE		
FILE NUMBER: 8430-03		
DATE: 10/02/2023		
C6-1		

#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

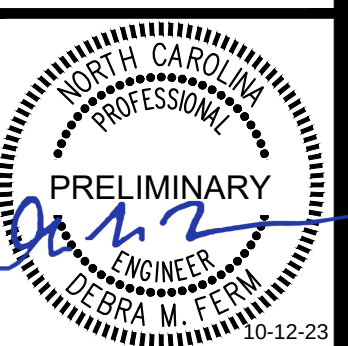


Know what's below.
Call before you dig.

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

PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27550

GRANITE KNOLL CT PLAN
AND PROFILE (1 OF 2)



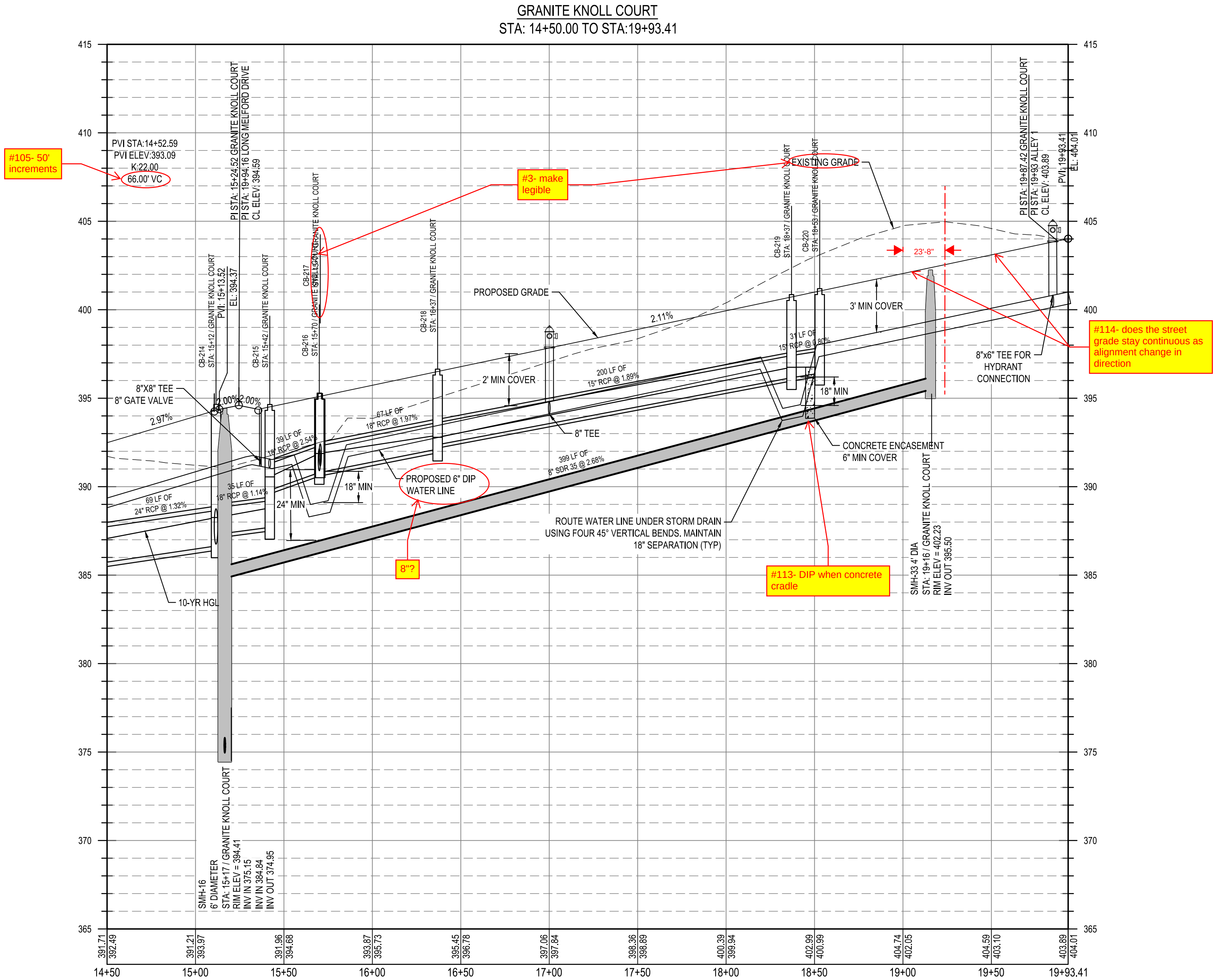
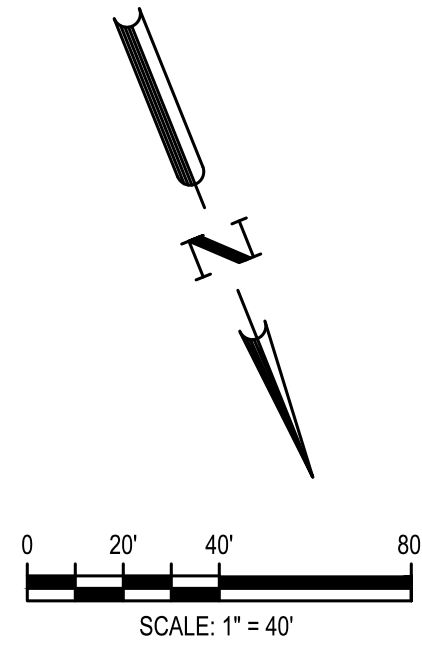
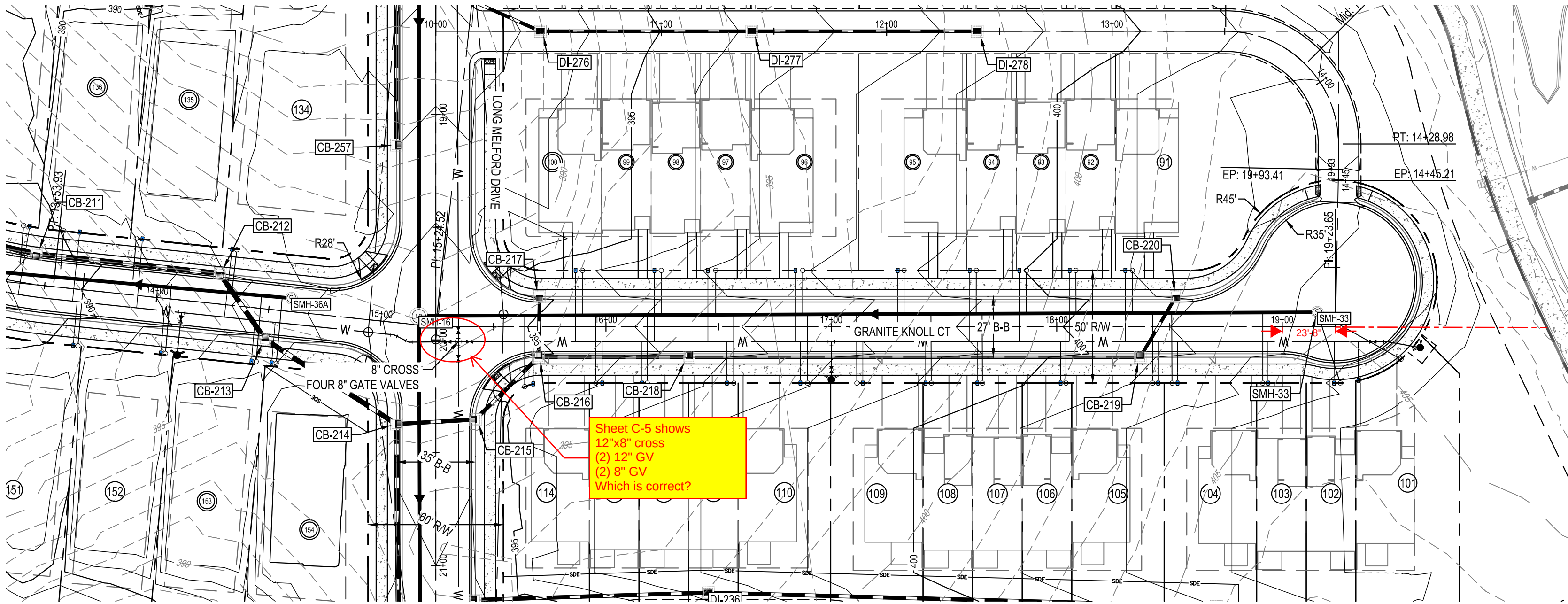
NOT FOR
CONSTRUCTION

FILE NUMBER:
8430-03

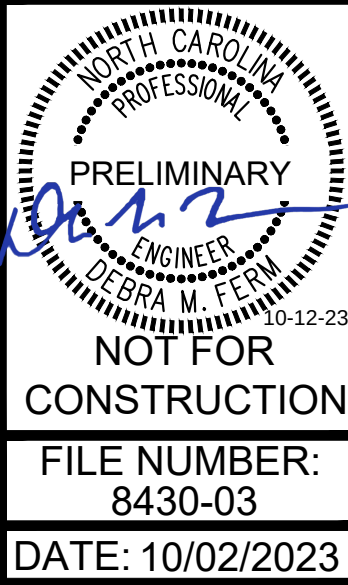
DATE: 10/02/2023

C6-2

#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.



Know what's below.
Call before you dig.



GRANITE KNOLL CT PLAN
AND PROFILE (2 OF 2)

PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

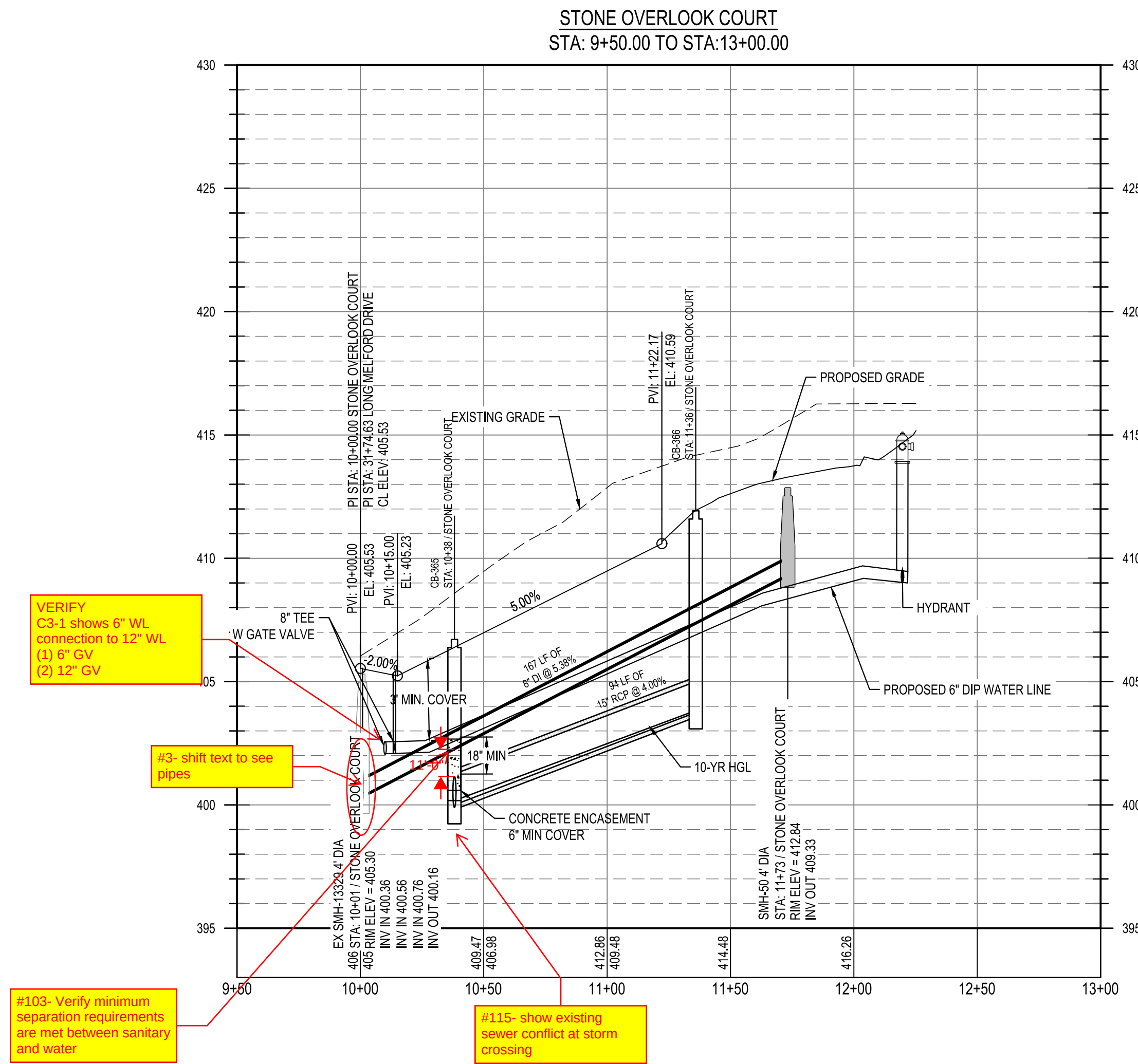
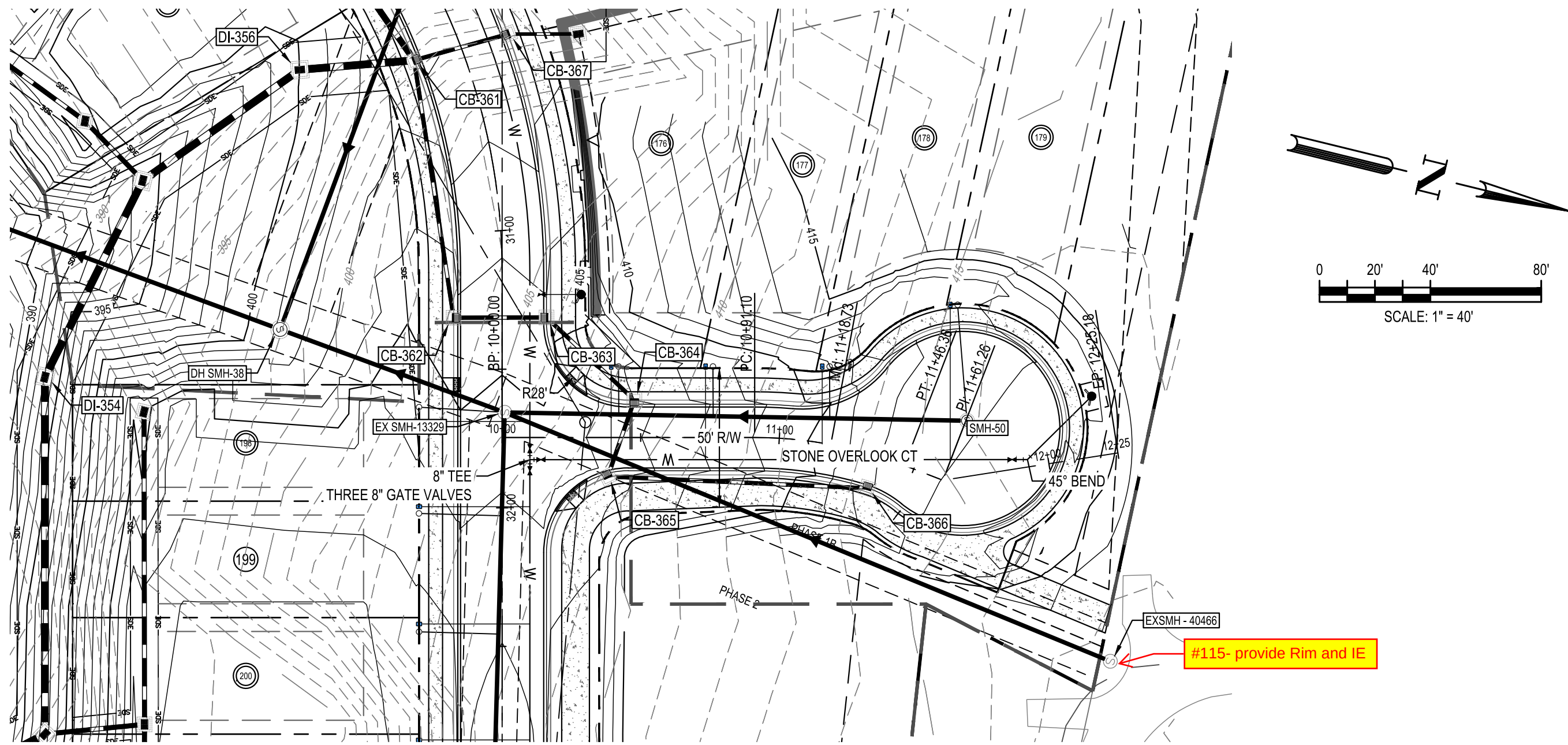
LENNAR
CORPORAION
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560



DESIGNED BY:	DF/CD
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	

#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.



VERIFY
C3-1 shows 6" WL
connection to 12" WL
(1) 6" GV
(2) 12" GV

#3- shift text to see pipes

#103- Verify minimum separation requirements are met between sanitary and water

#115- show existing sewer conflict at storm crossing

STONE OVERLOOK COURT
STA: 9+50.00 TO STA:13+00.00

#115- provide Rim and IE

NORTH CAROLINA
 PROFESSIONAL
 PRELIMINARY
 ENGINEER
 DEBRA M. FETTM
 10-12-23
 NOT FOR
 CONSTRUCTION
 FILE NUMBER:
 8430-03
 DATE: 10/02/2023

C6-4

PARKER RIDGE
82 SCHOOL STREET
ROLLESVILLE / NORTH CAROLINA / 27571

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

BGE

5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BGEINC.COM
NC LICENSE #C-4397 ©2023

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

5	
4	
3	
2	10/02/2023
1	08/01/2023

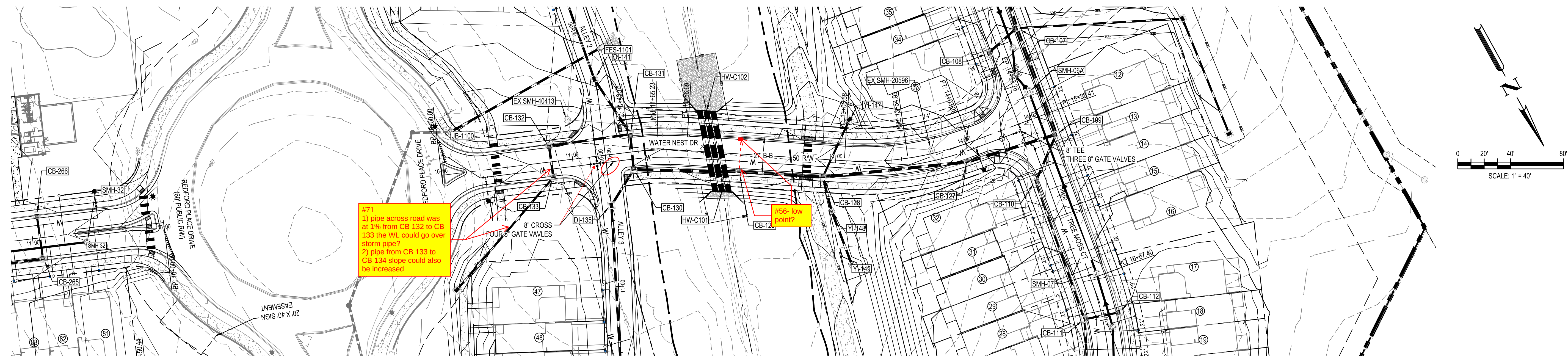
[illegible]

DLESVILLE COMMENT

--	--	--	--	--	--	--

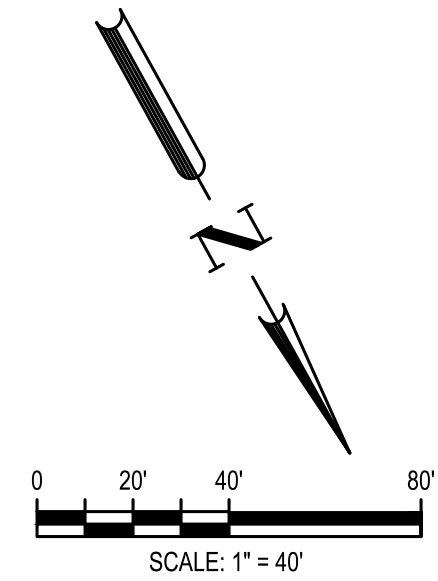
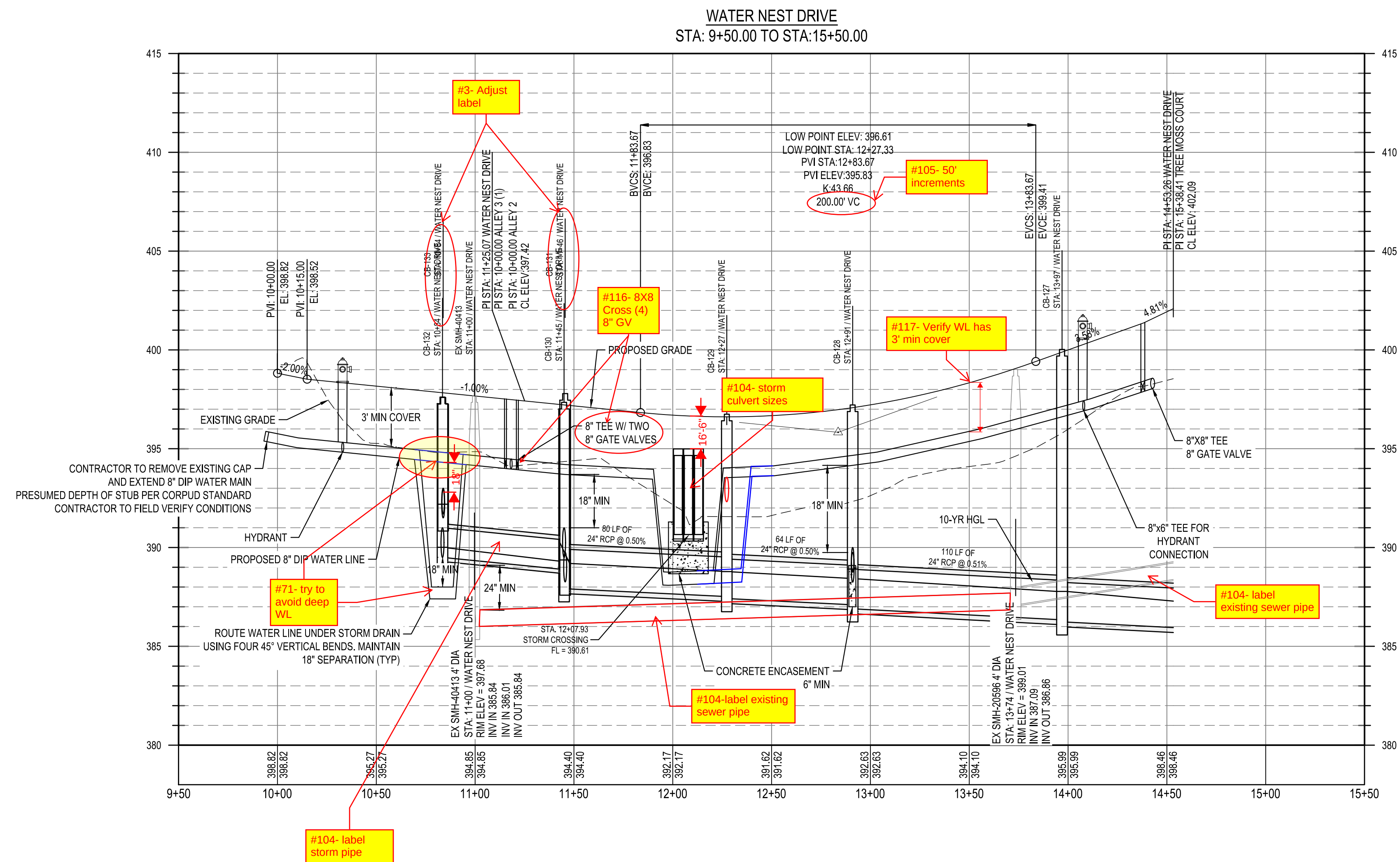


Know what's below.
Call before you dig.



#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.

#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.



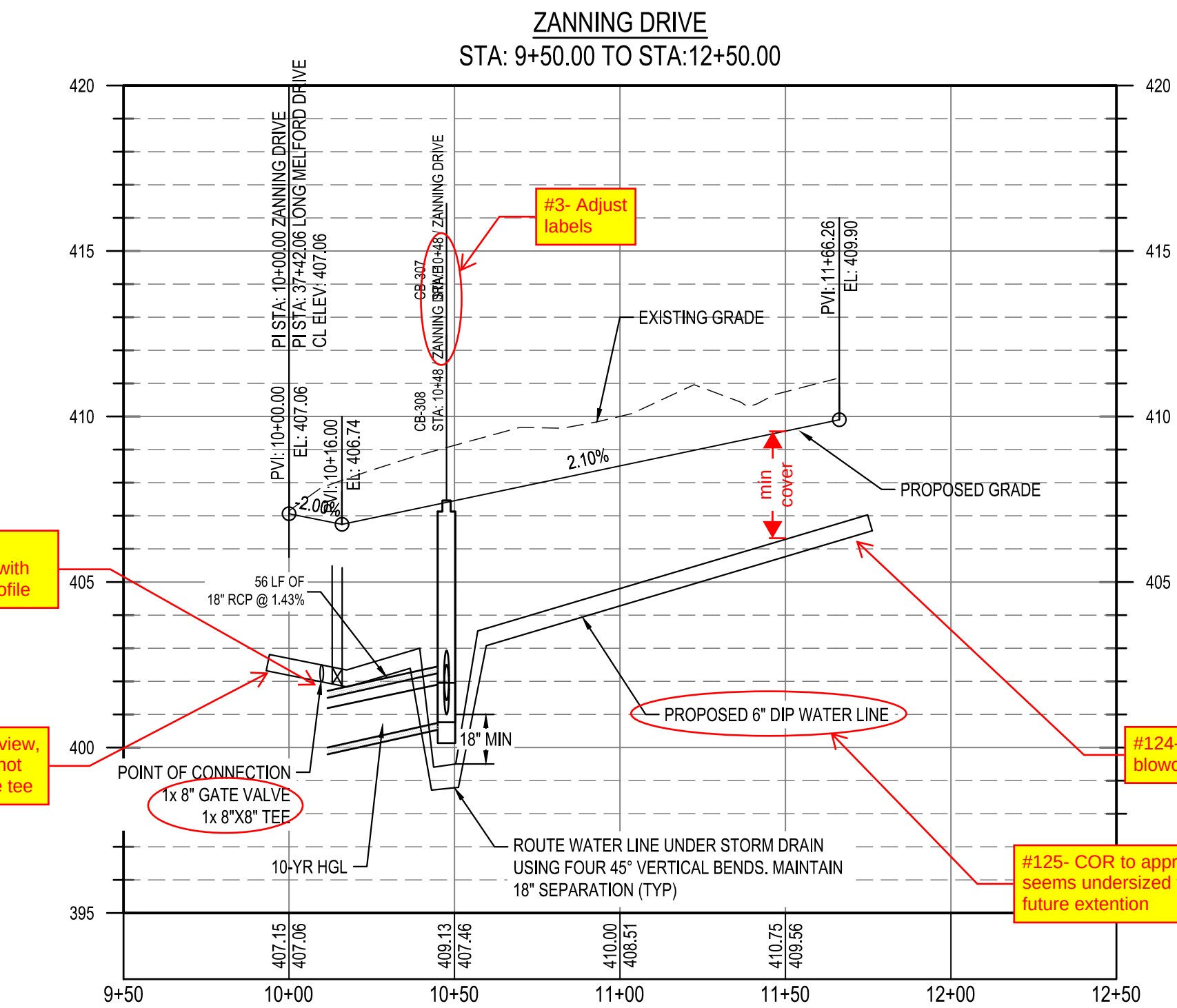
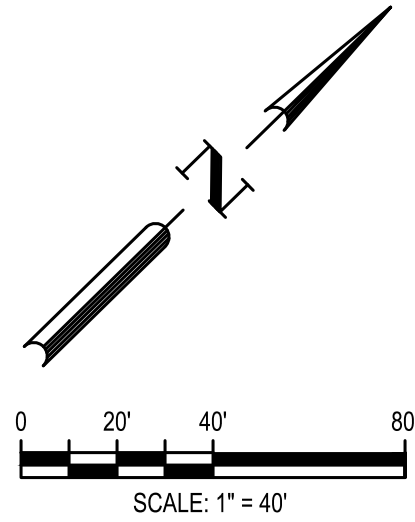
#23- There are several instances where water line, tees/crosses, and valve sizes differ between Utility plan sheets and Plan and Profile sheets. Please make the necessary adjustments to ensure that water lines, connections, and valves correct sizes remain consistent throughout all sheets.

Sheet C3-1 shows 12" tee (3) 12" GV
Profile labels 8"x8" tee which is correct?

#104- label Reducer

#126- waterline to property line

#127- proposed sewer?



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

C6-8

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

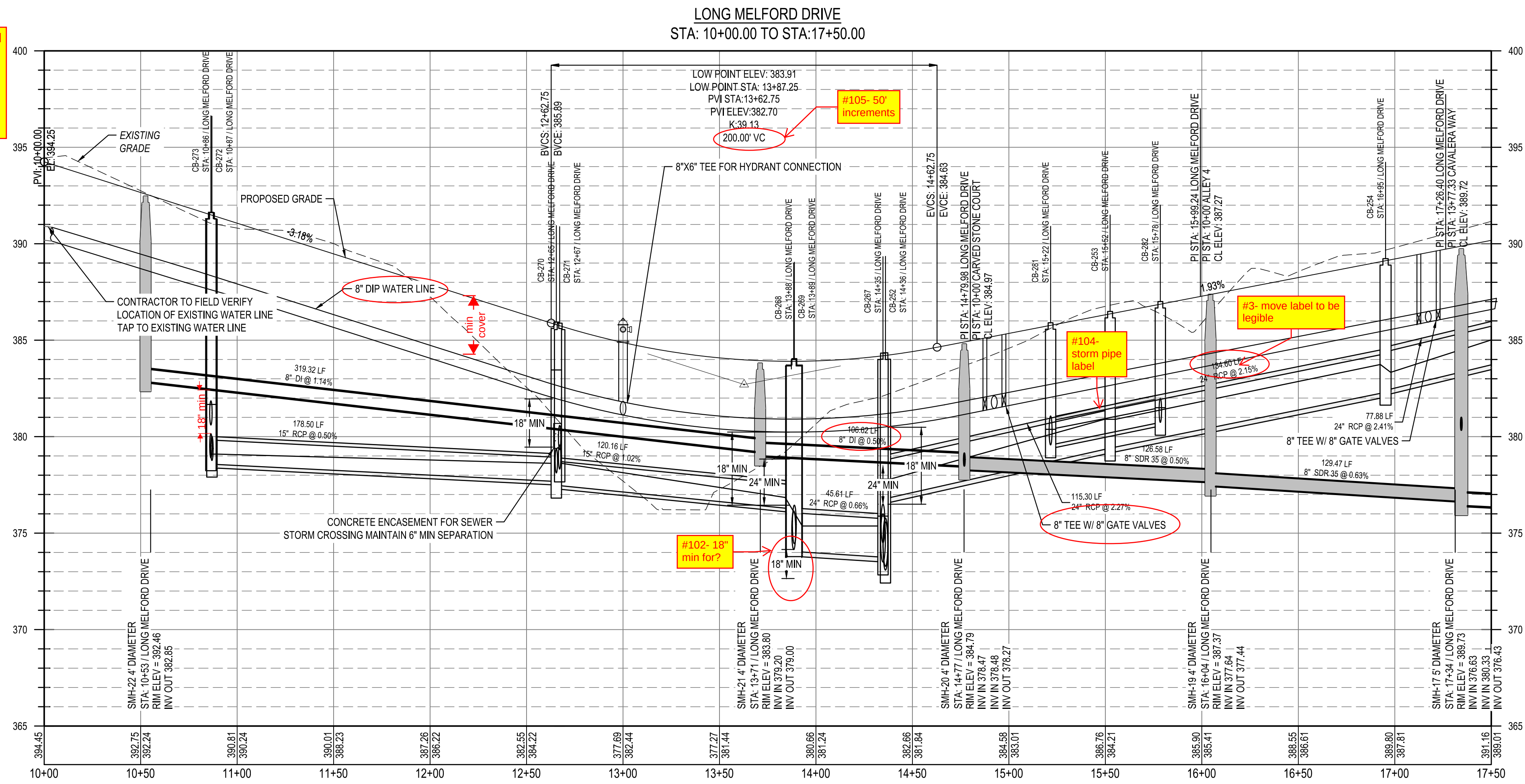
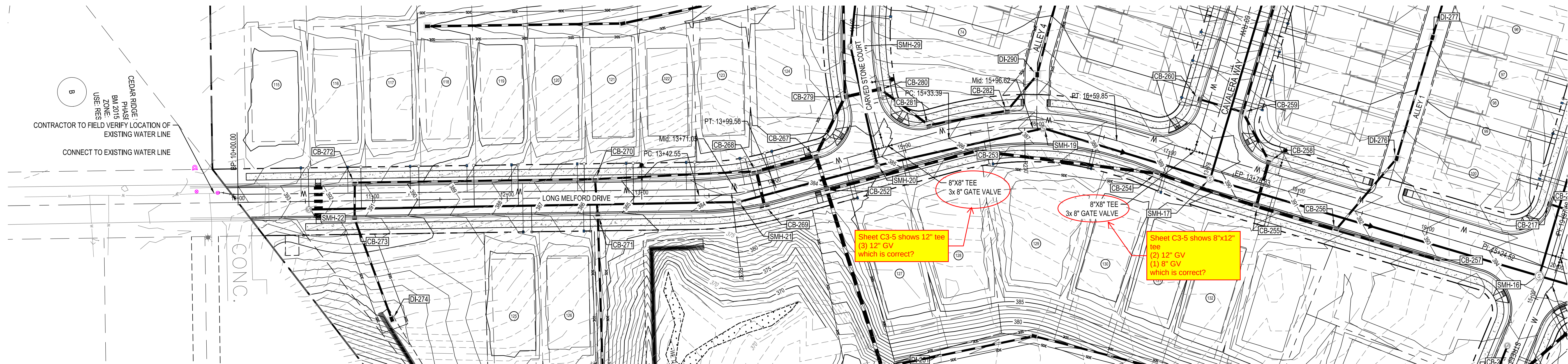
**ZANNING DR PLAN AND
PROFILE**

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

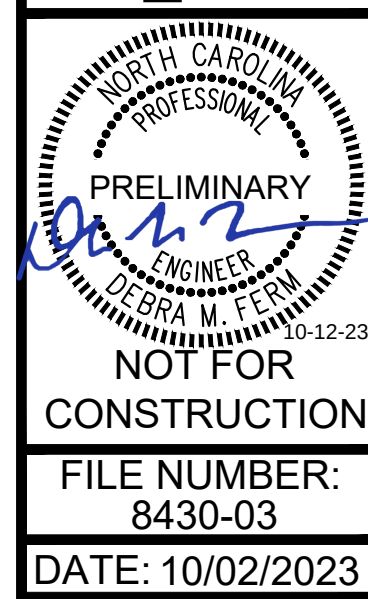
10/02/2023 PER TOWN OF ROLESVILLE COMMENT
08/01/2023 PER TOWN OF ROLESVILLE COMMENT
06/01/2023 INITIAL SUBMITTAL

#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.

#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.



Know what's below.
Call before you dig.



LONG MELFORD DRIVE PLAN
AND PROFILE (1 OF 5)

PARKER RIDGE

82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

LENNAR
CORPORAION

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



5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM

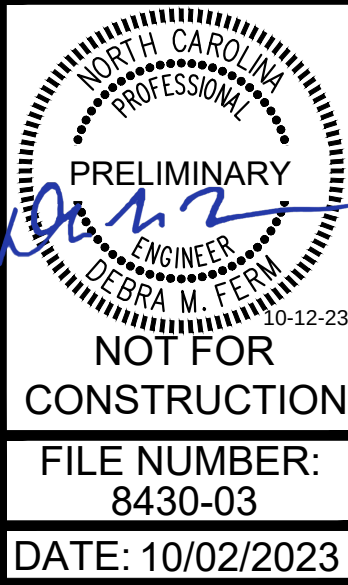
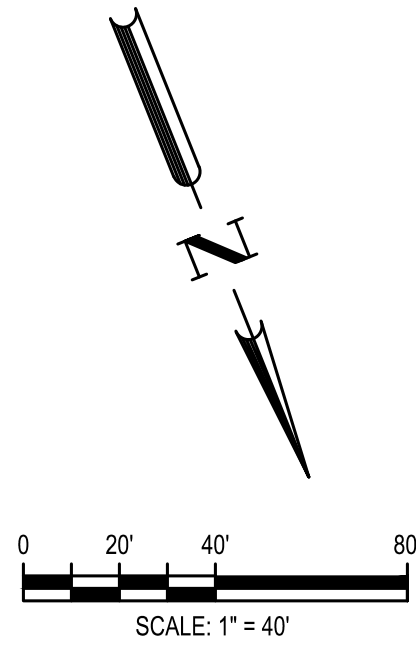
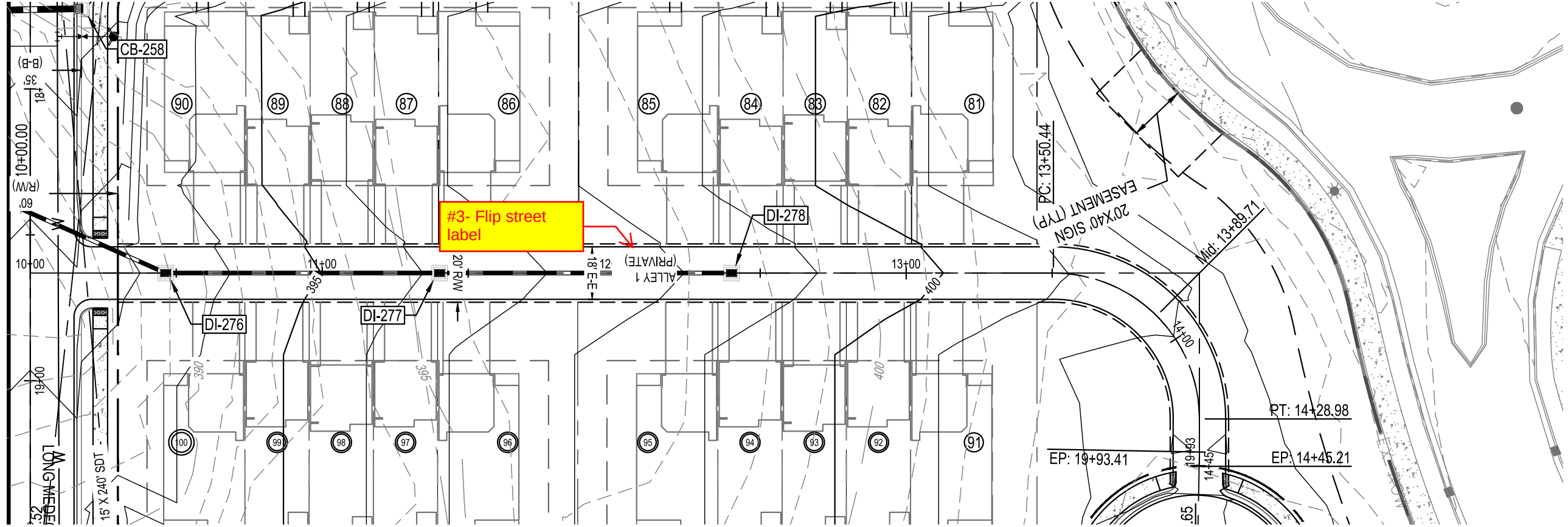
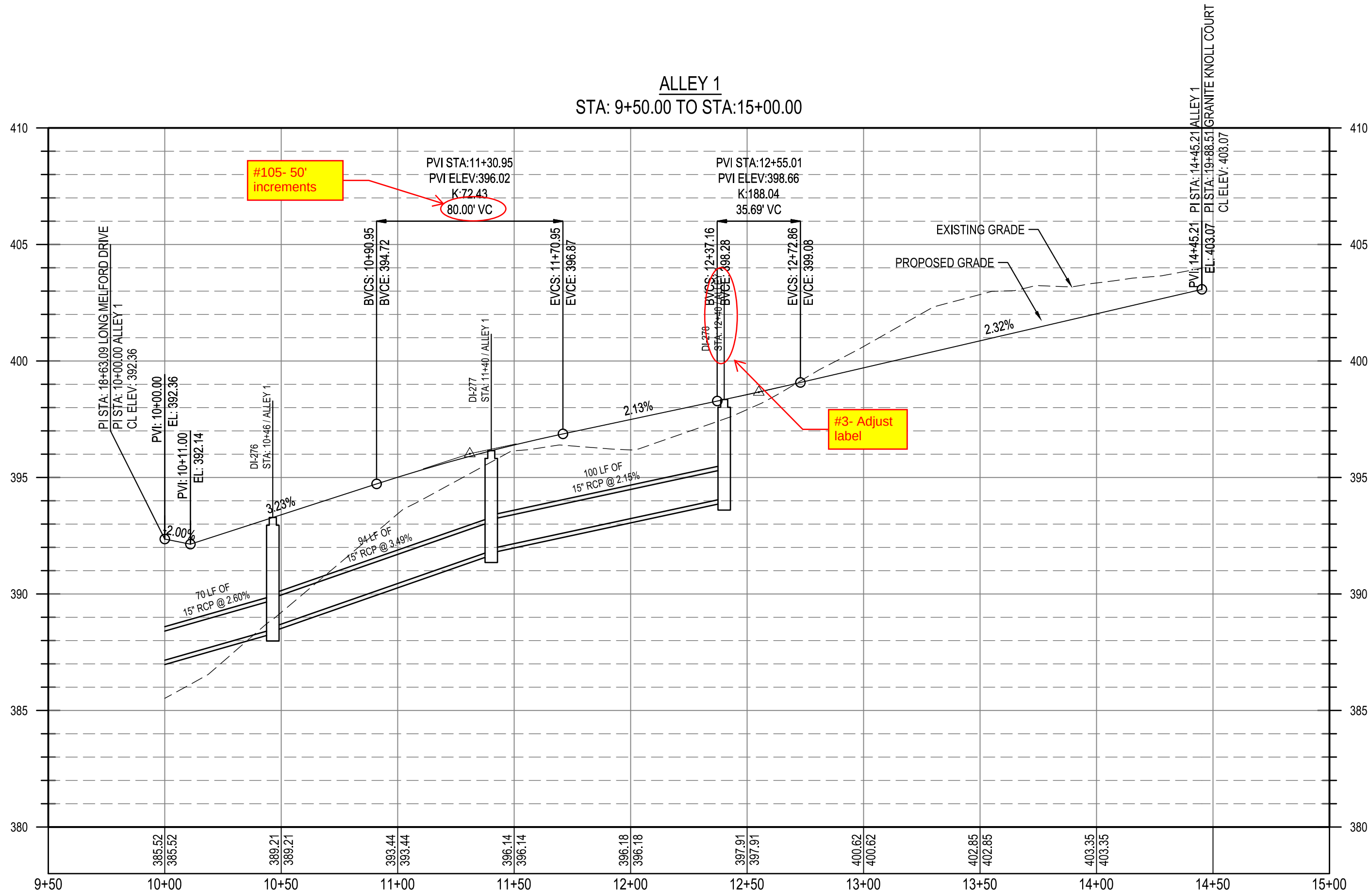
NC LICENSE #C-4397

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

REV

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

SCALE: 1" = 40'
VERT: 1" = 4'



ALLEY 1 PLAN AND PROFILE

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

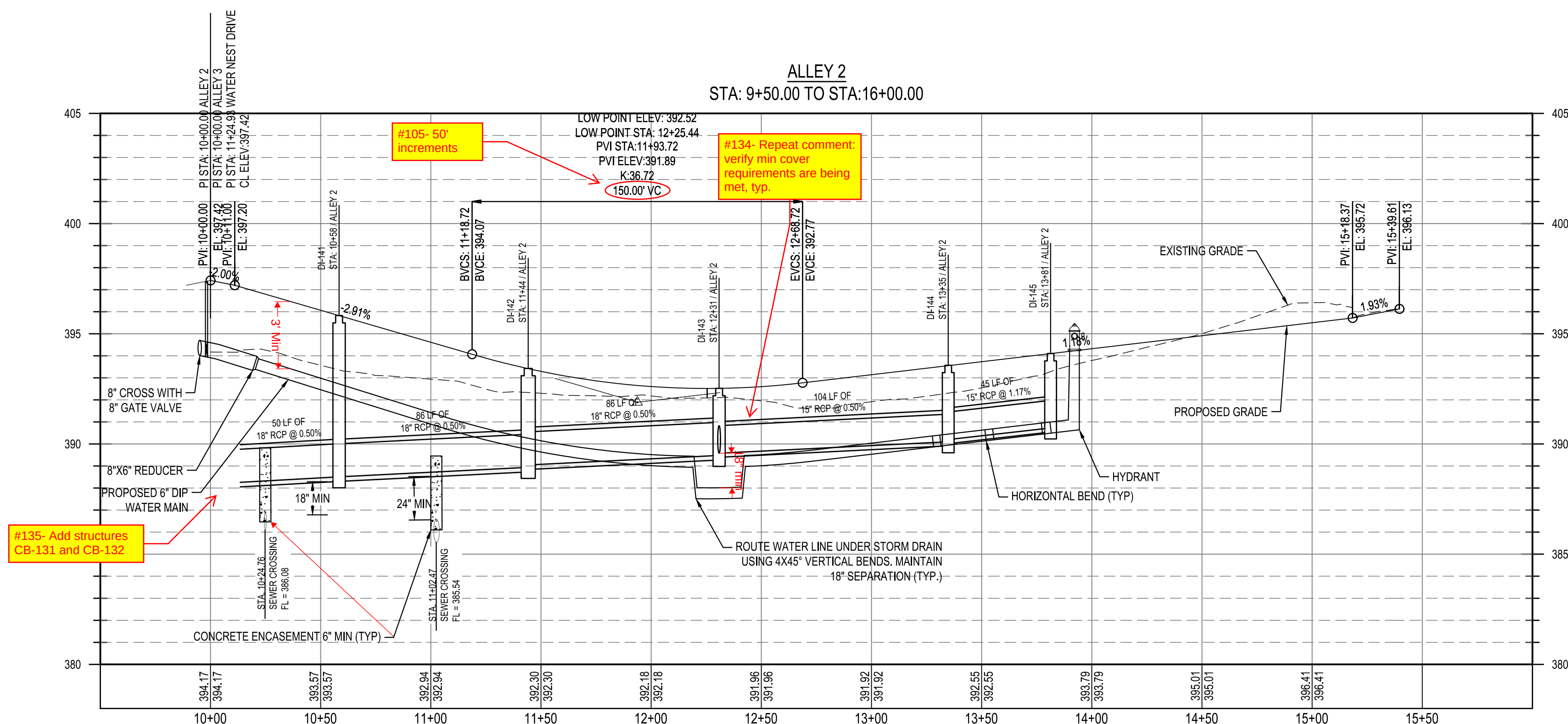
△	△	△	△
---	---	---	---

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

#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.

#104- Label cross and reducer

#3- Flip label



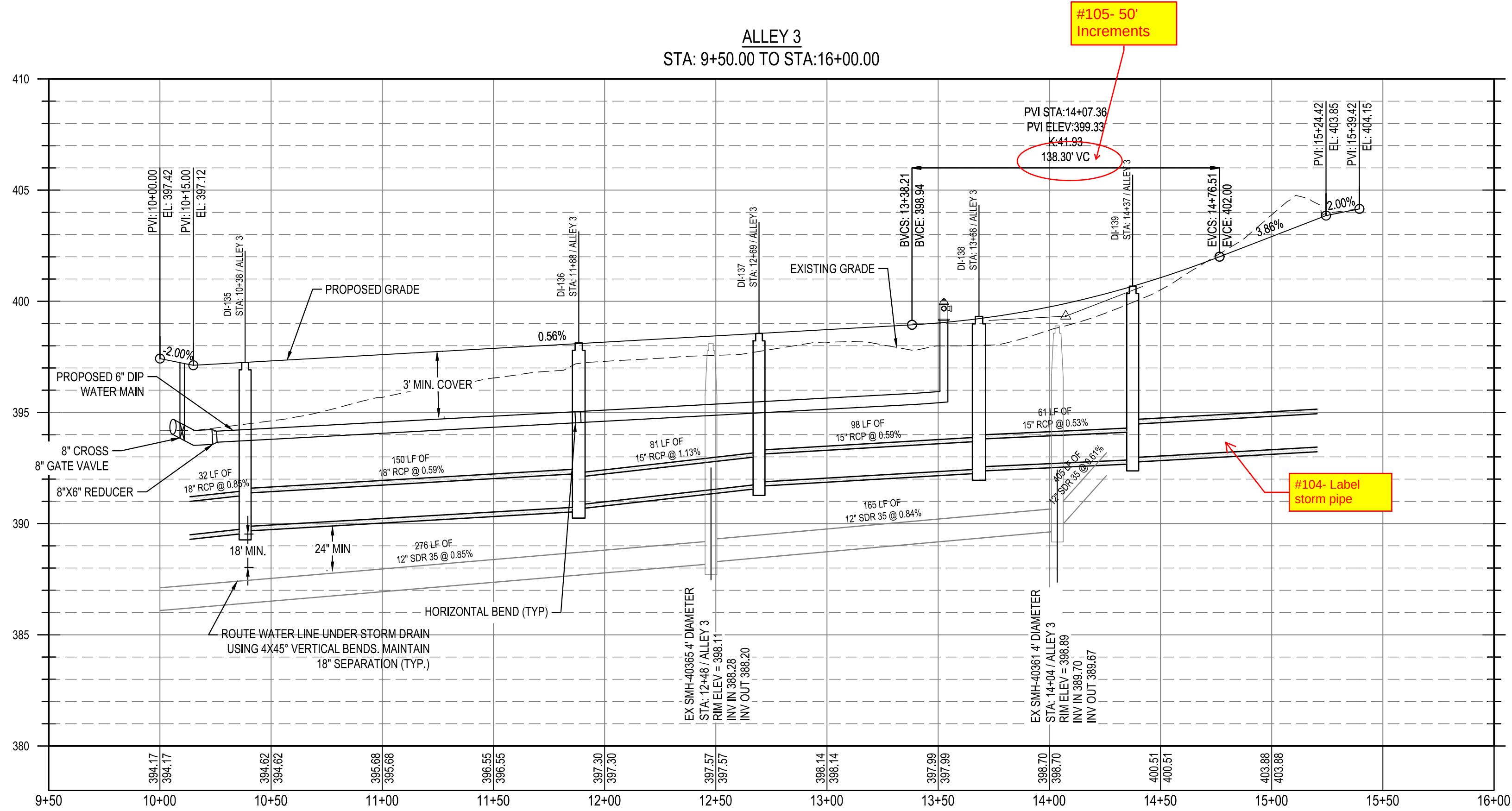
G:\INCA\Projects\Lennar\8430-03 - Lennar - School Street - Rolesville\03 - DWG\PlanSheets\On-Site\C6-10 ALLEY PLAN AND PROFILE.dwg Layout: C6-15 ALLEY 2 PLAN AND PROFILE Plotted: 10/12/2023 4:03:37 PM



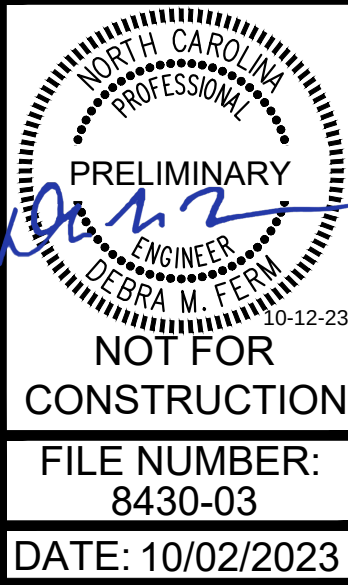
Know what's below.
Call before you dig.

[illegible]

#104- Label cross and reducer



Know what's below.
Call before you dig.



NOT FOR
CONSTRUCTION

FILE NUMBER:
8430-03

DATE: 10/02/2023

C6-16

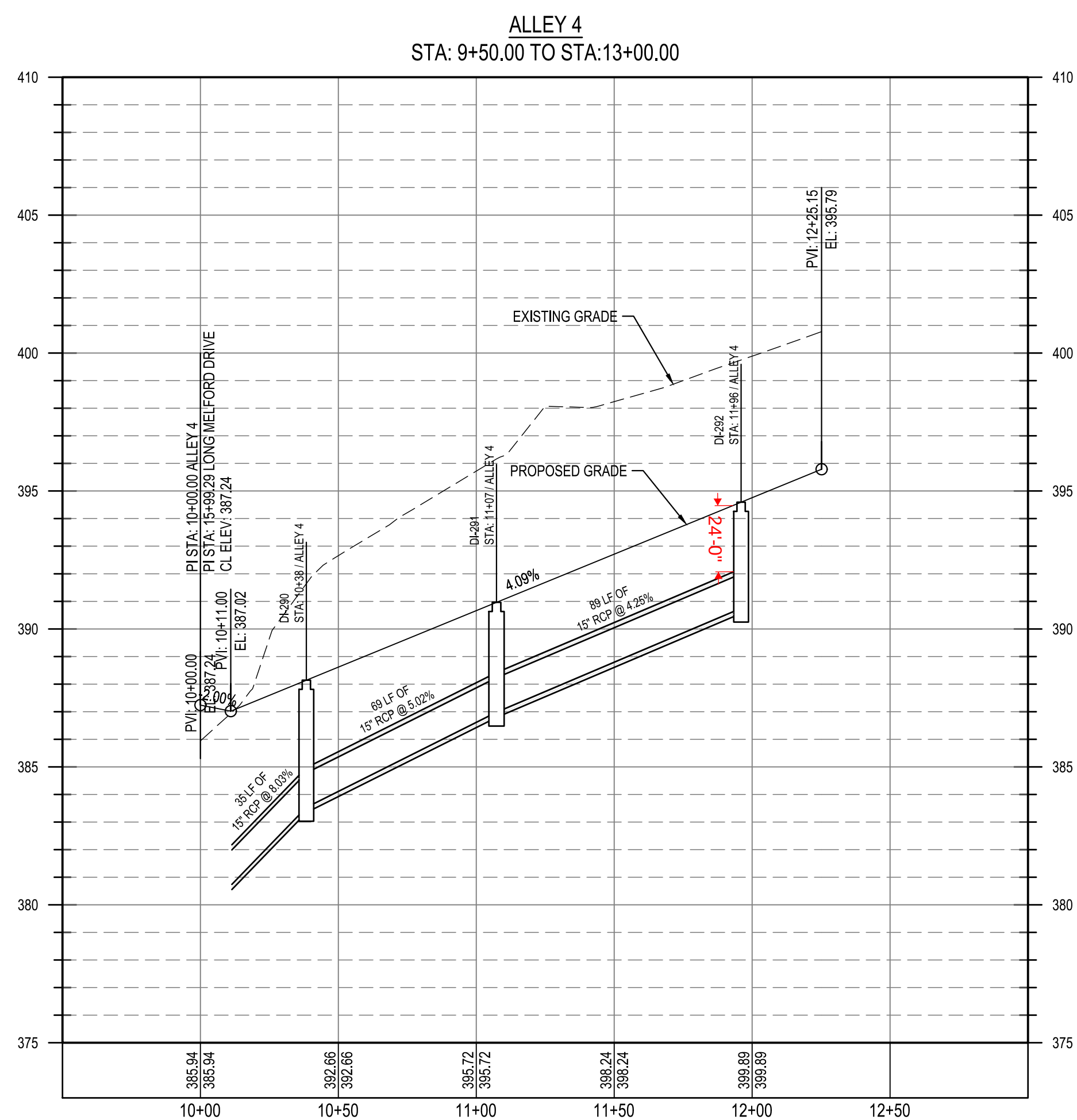
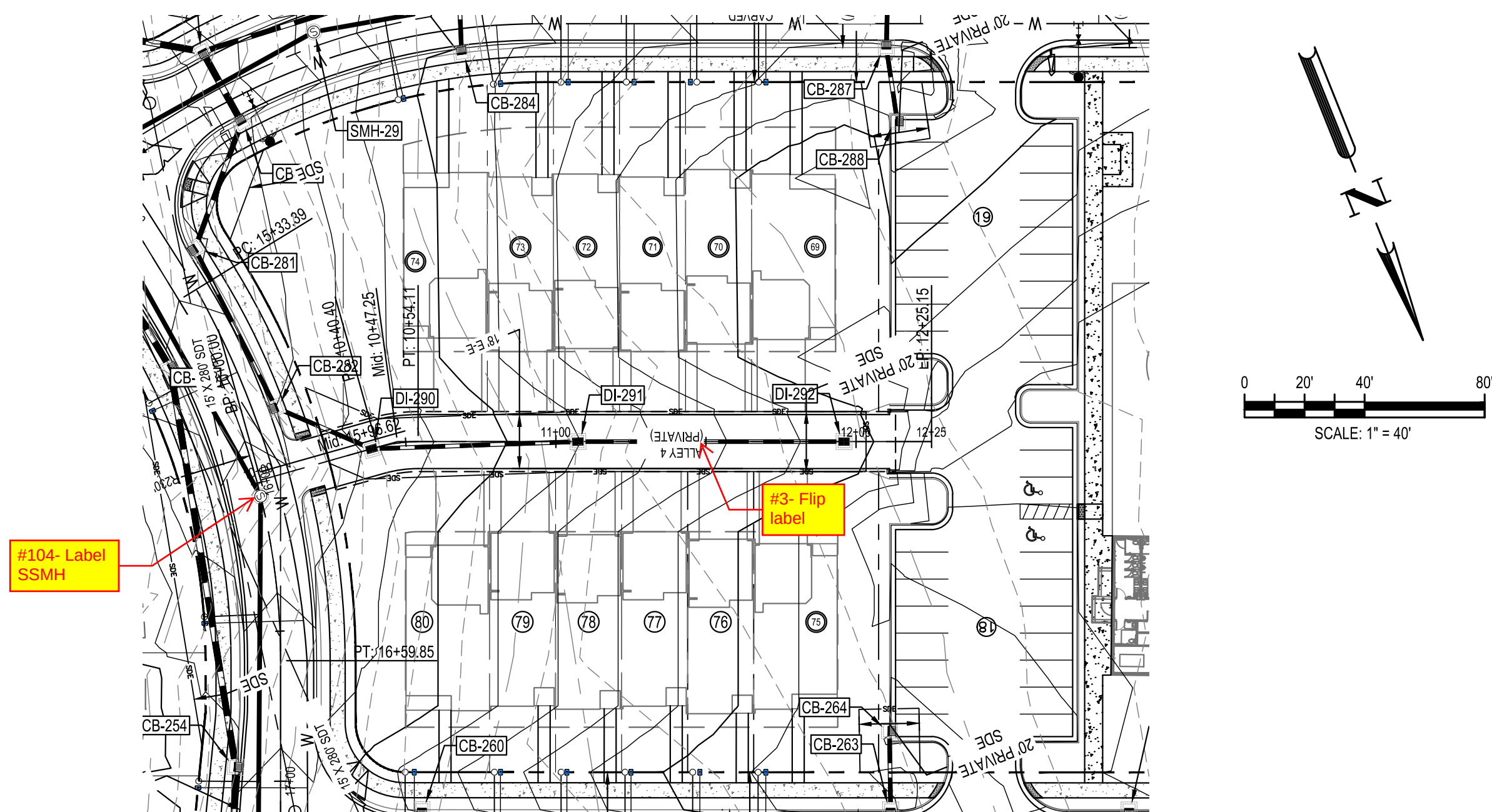
PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

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

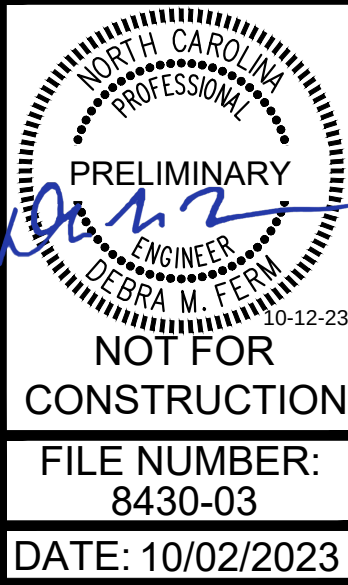
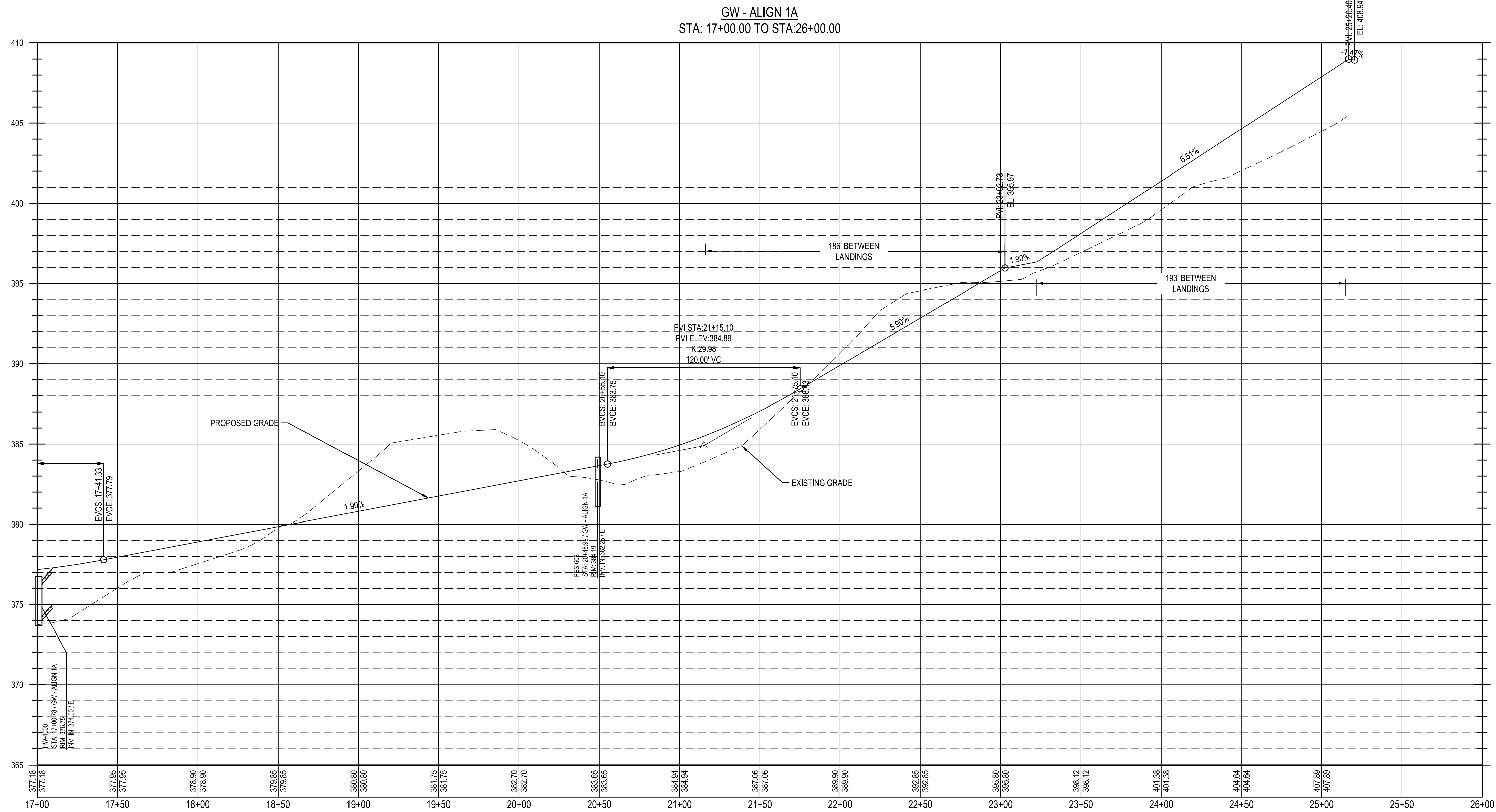
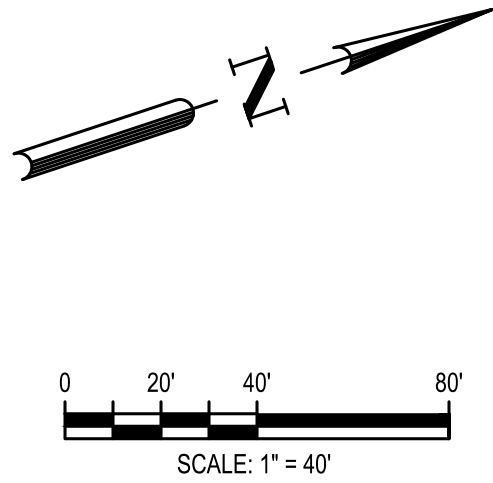
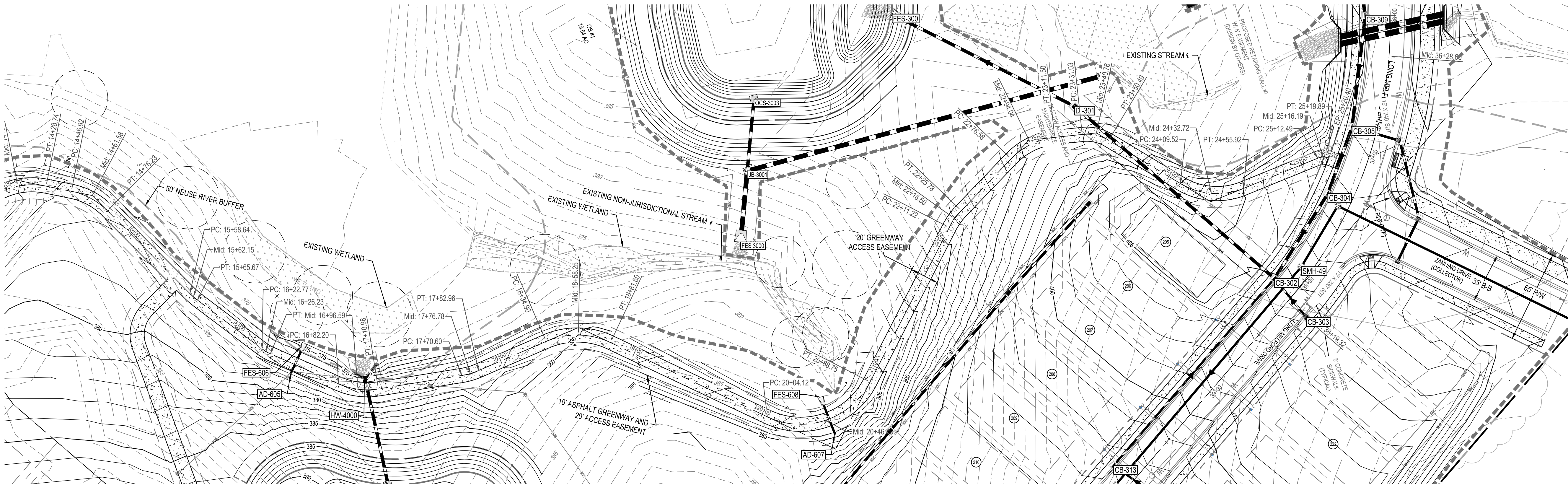
BCE
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM
NC LICENSE #C-4397

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

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



\\browgway.net\panzura\Regions\NCA\Projects\Lennar\8430-03 - Lennar - School Street - DWG\PlanSheets\On-Site\C6-18 GREENWAY PLAN AND PROFILE.dwg Layout: 10/2/2023 4:03:18 PM



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

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

GW1A GREENWAY PLAN

AND PROFILE (2 OF 2)

FILE NUMBER:

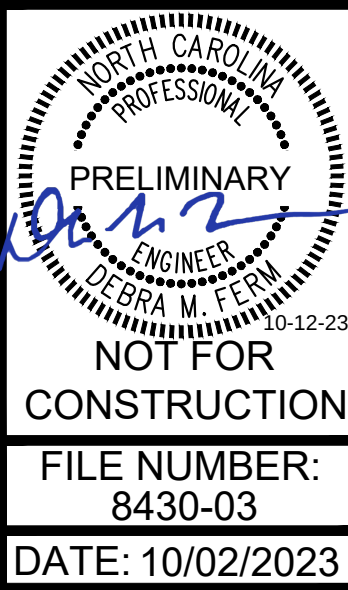
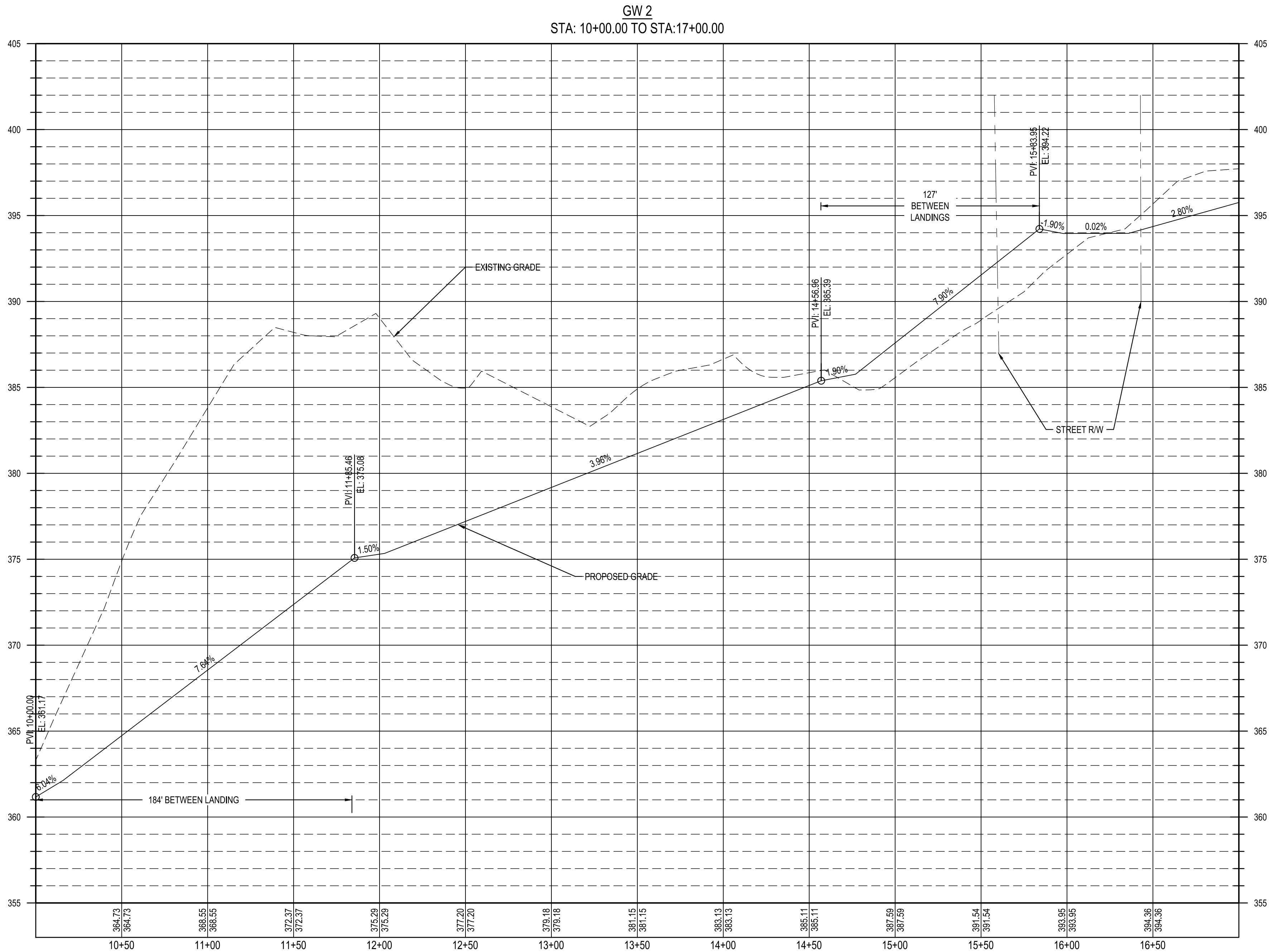
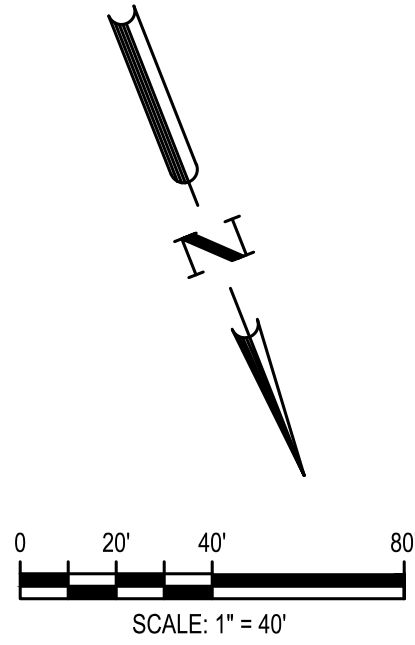
8430-03

DATE:

10/02/2023

C6-19

\\browngay.net\panzura\Regions\NCA\Projects\Lennar\8430-03 - Lennar - School Street - Rolesville\On-Site\C6-18 GREENWAY PLAN AND PROFILE.dwg Layout: C6-20 GW2 GREENWAY PLAN AND PROFILE (1 OF 2) Plotted: 10/2/2023 4:03:28 PM



GW2 GREENWAY PLAN AND
PROFILE (1 OF 2)

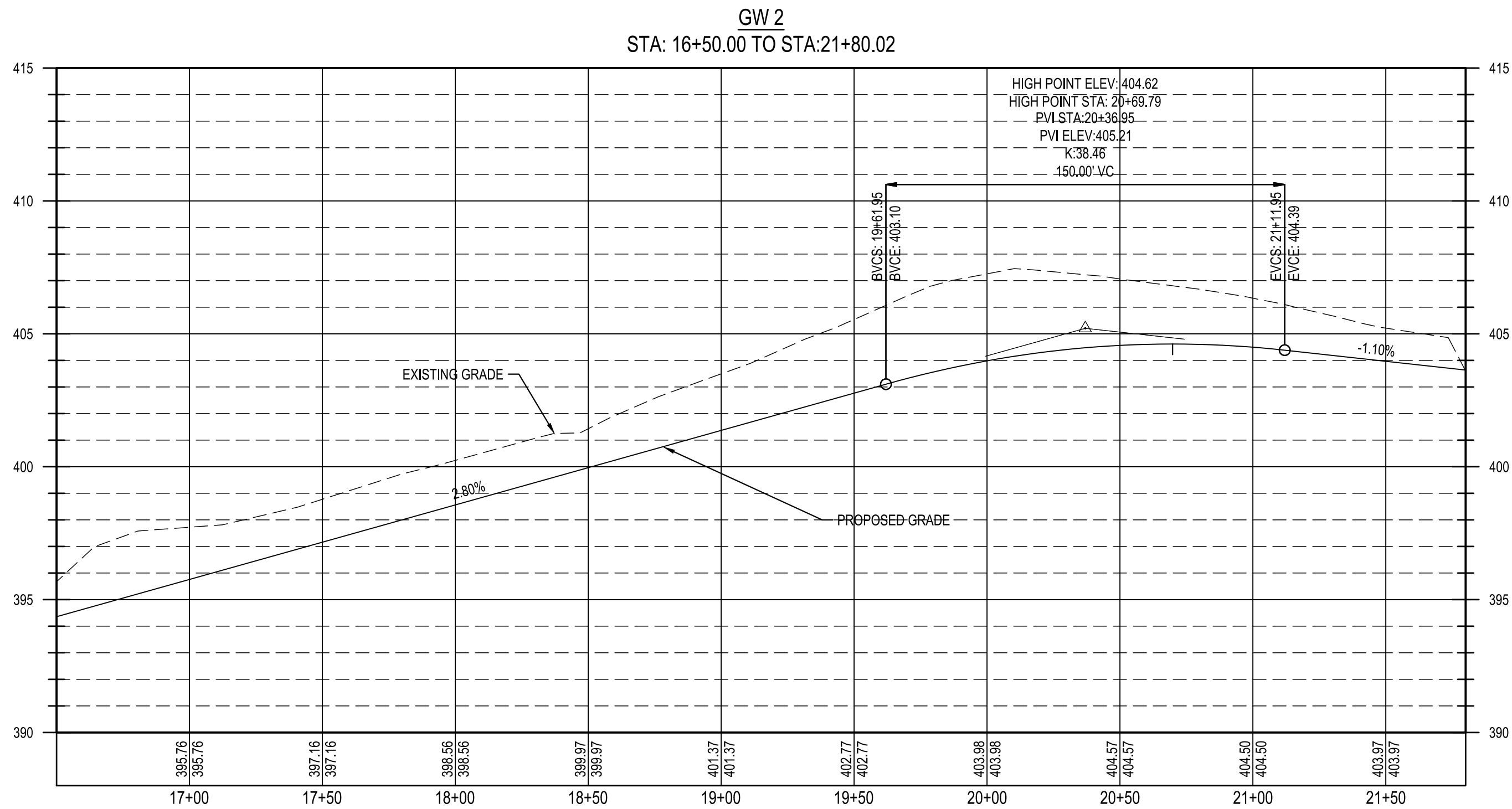
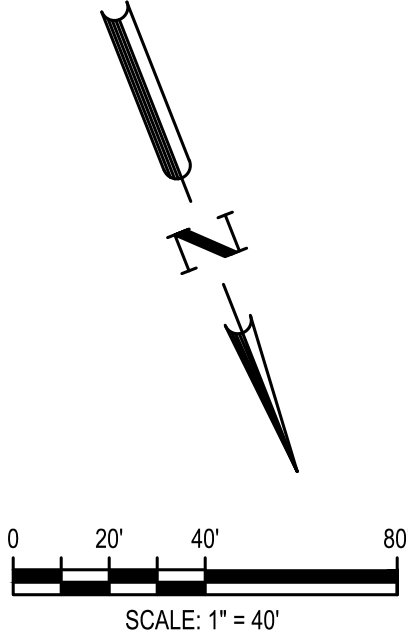
PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

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

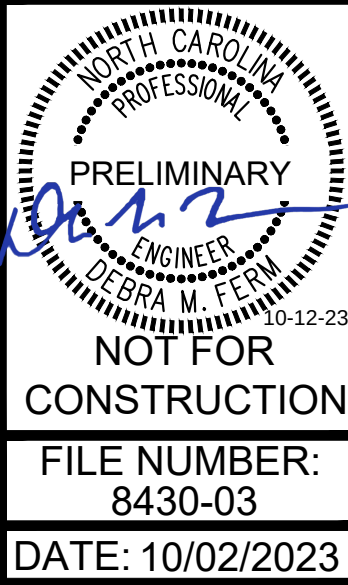
BCE
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM
NC LICENSE #C-4397

\\browngay.net\panzura\Regions\NCA\Projects\Lennar\8430-03 - DWG\PlanSheets\On-Site\C6-18 GREENWAY PLAN AND PROFILE.dwg Layout: C6-21 GW2 GREENWAY PLAN AND PROFILE (2 OF 2) Plotted: 10/2/2023 4:03:33 PM

#48- Add proposed contour labels



Know what's below.
Call before you dig.



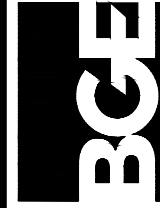
GW2 GREENWAY PLAN AND
PROFILE (2 OF 2)

PARKER RIDGE

82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

LENNAR
CORPORAION

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



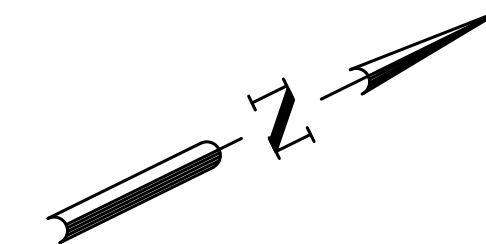
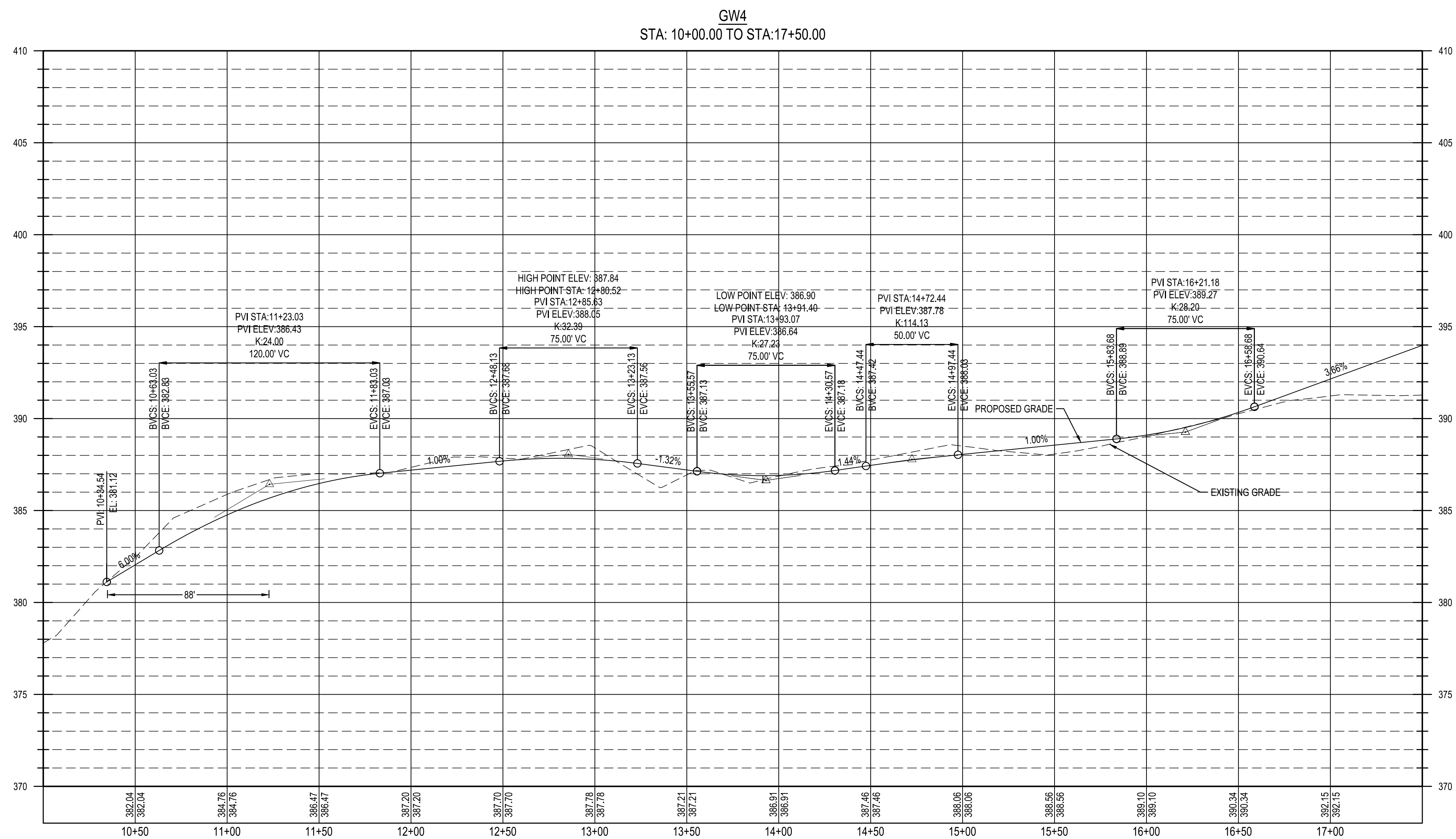
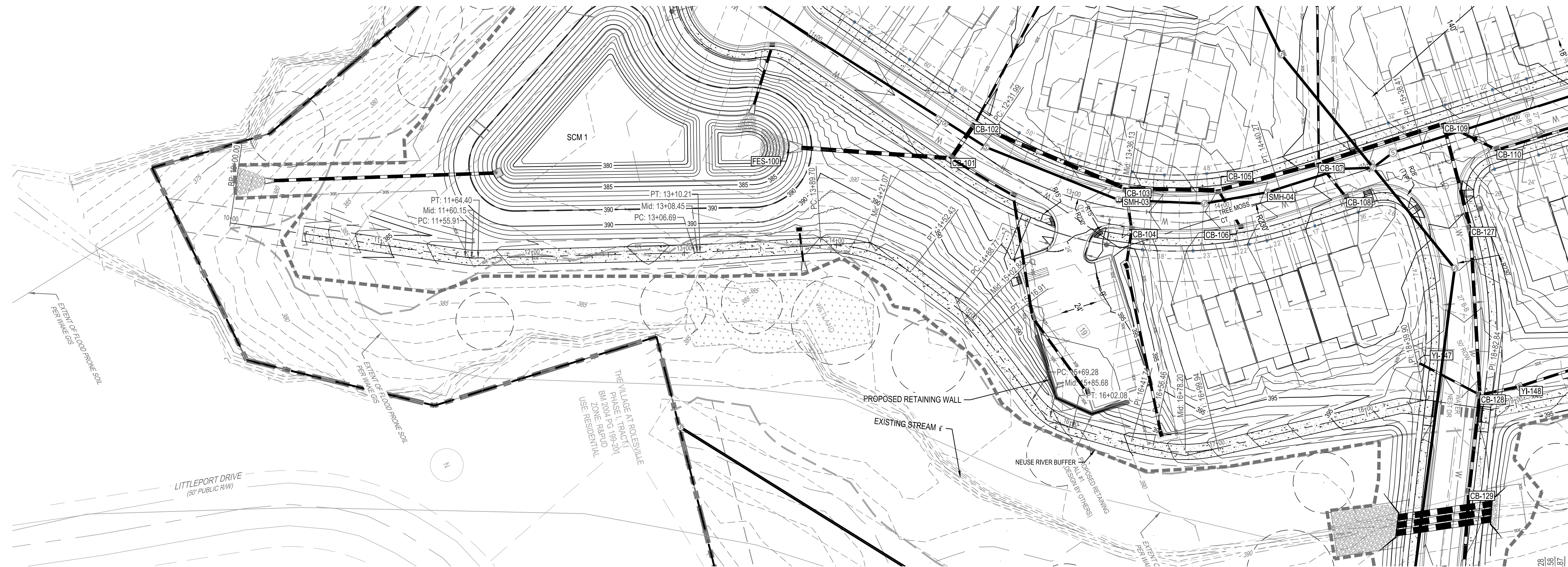
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BCEINC.COM

NC LICENSE #C-4397

©2023

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
REV 06/01/2023 INITIAL SUBMITTAL

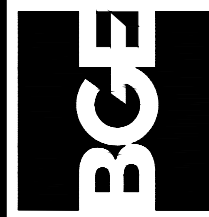


△		
△		
△		
△		
△	10/02/2023	PER TOWN OF ROLESVILLE COMMENT
△	08/01/2023	PER TOWN OF ROLESVILLE COMMENT
△	06/01/2023	INITIAL SUBMITTAL

DESIGNED BY: DF/CD

DRAWN BY: DF/JWM

REVIEWED BY: DF



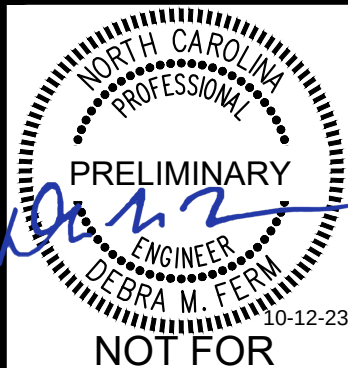
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BGEINC.COM
NC LICENSE #C-4397 ©2022

©2023

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

PARKER RIDGE
82 SCHOOL STREET

82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

GW4 GREENWAY PLAN AND
PROFILE (1 OF 2)

NOT FOR
CONSTRUCTION

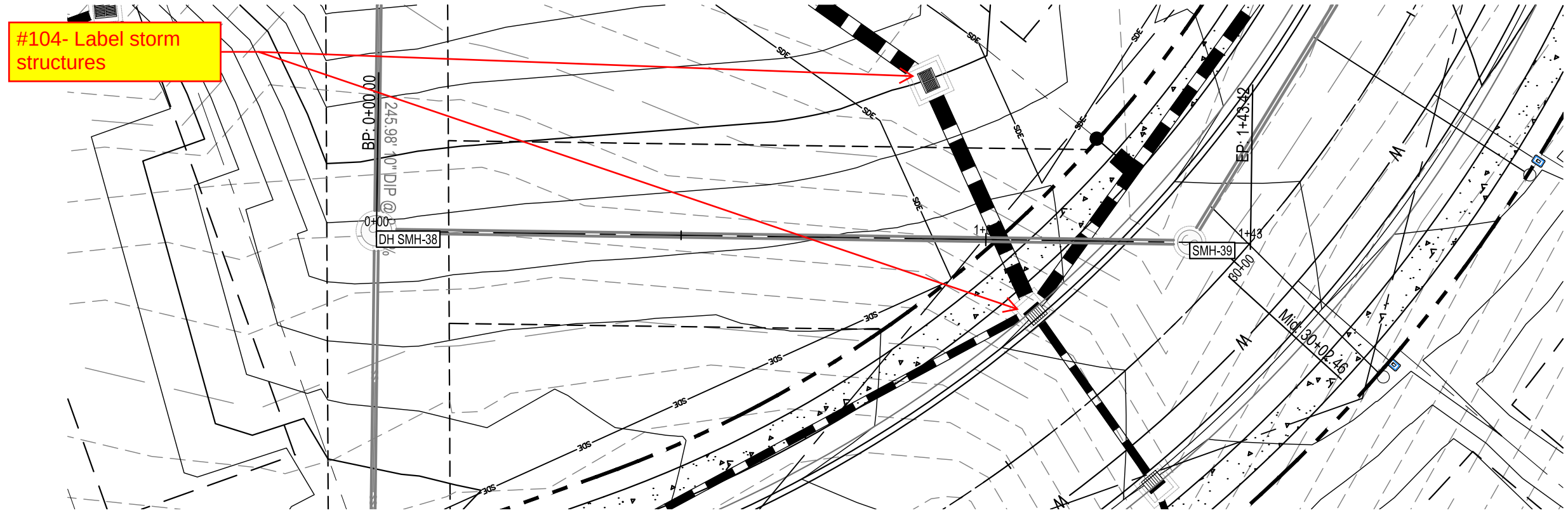
FILE NUMBER:
8430-03

DATE: 10/02/2023

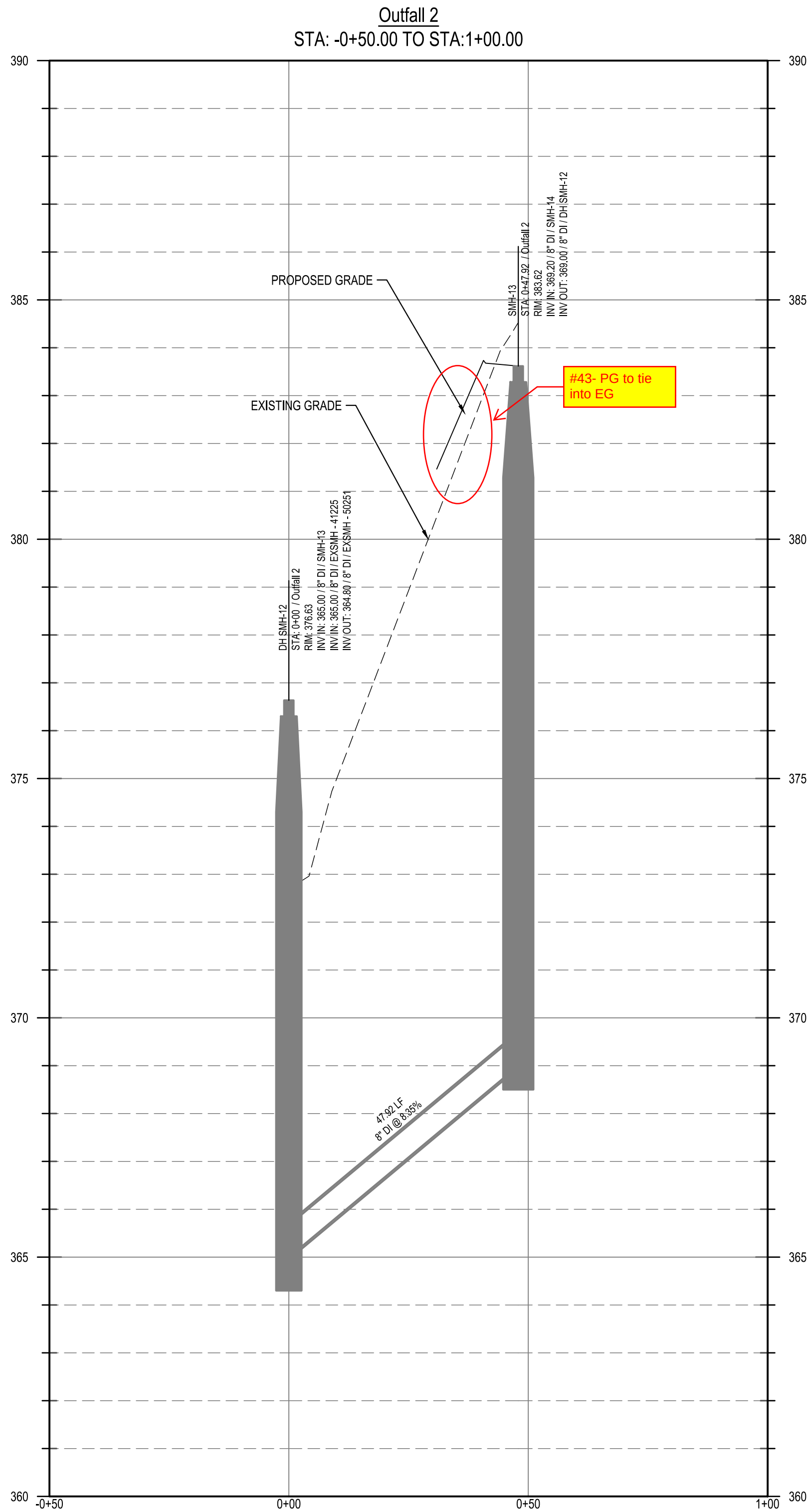
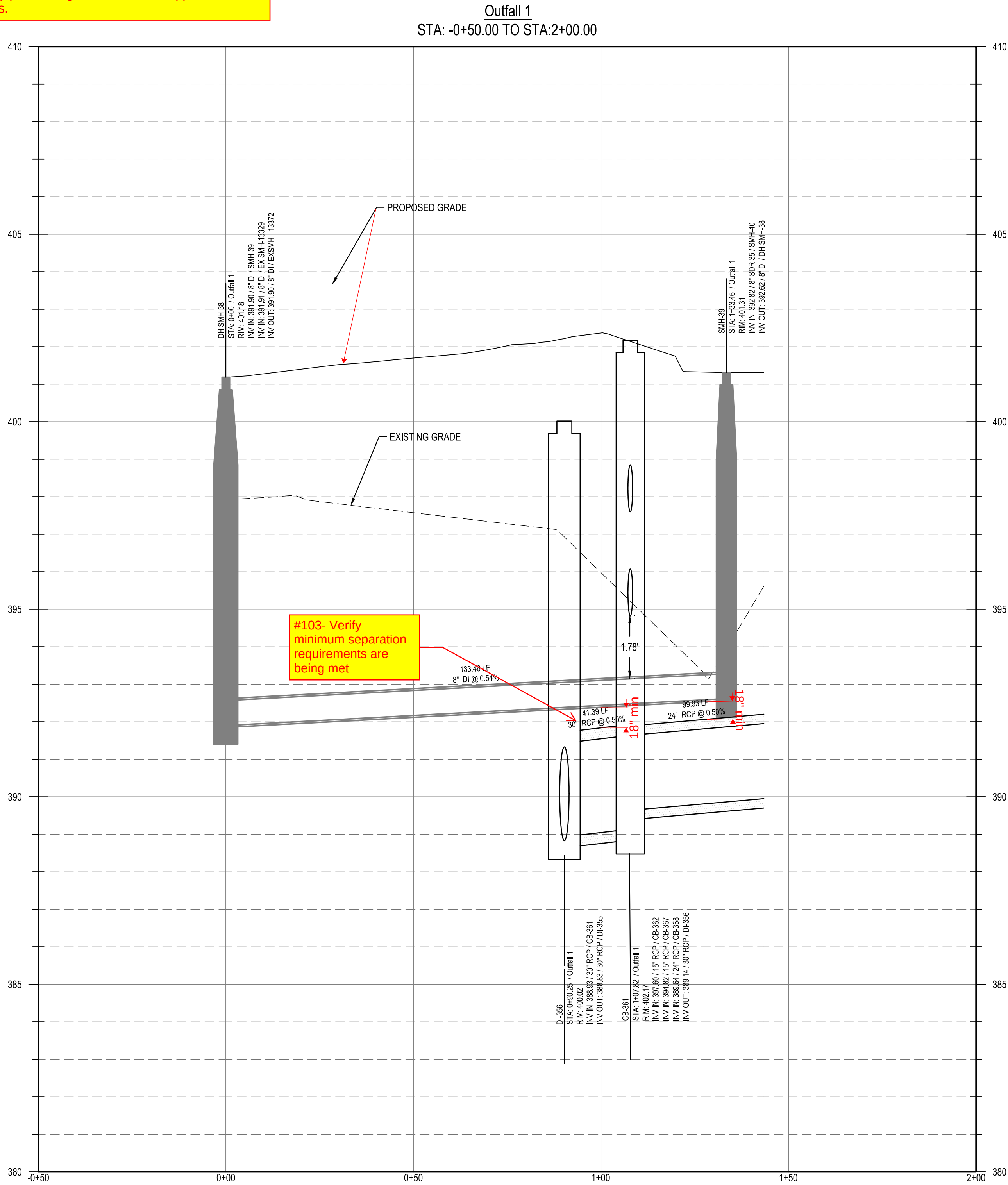
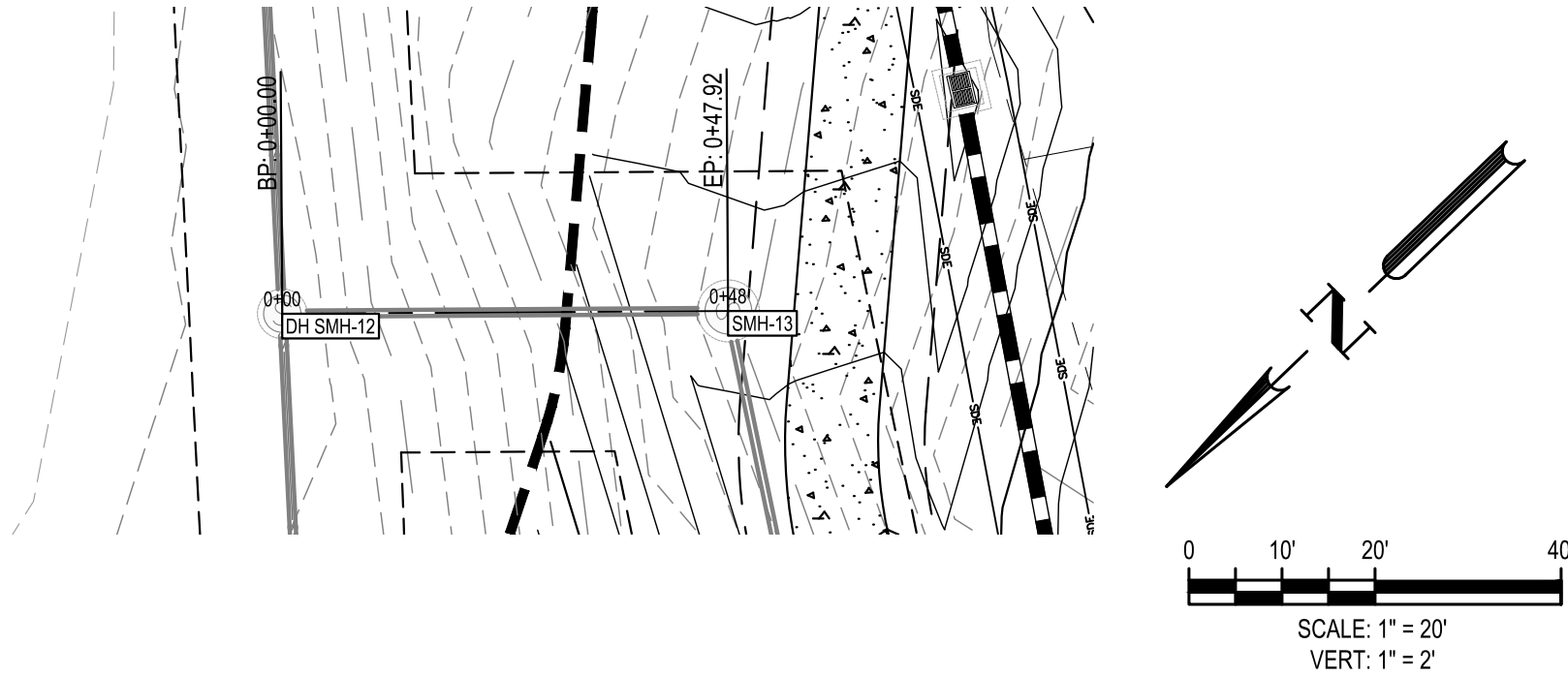
C6-23



Know what's below.
Call before you dig.



#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.



811
Know what's below.
Call before you dig.

PRELIMINARY
ENGINEER
FEDRA M. FERNANDEZ
10-12-23
NOT FOR
CONSTRUCTION
FILE NUMBER:
8430-03
DATE: 10/02/2023
C6-25

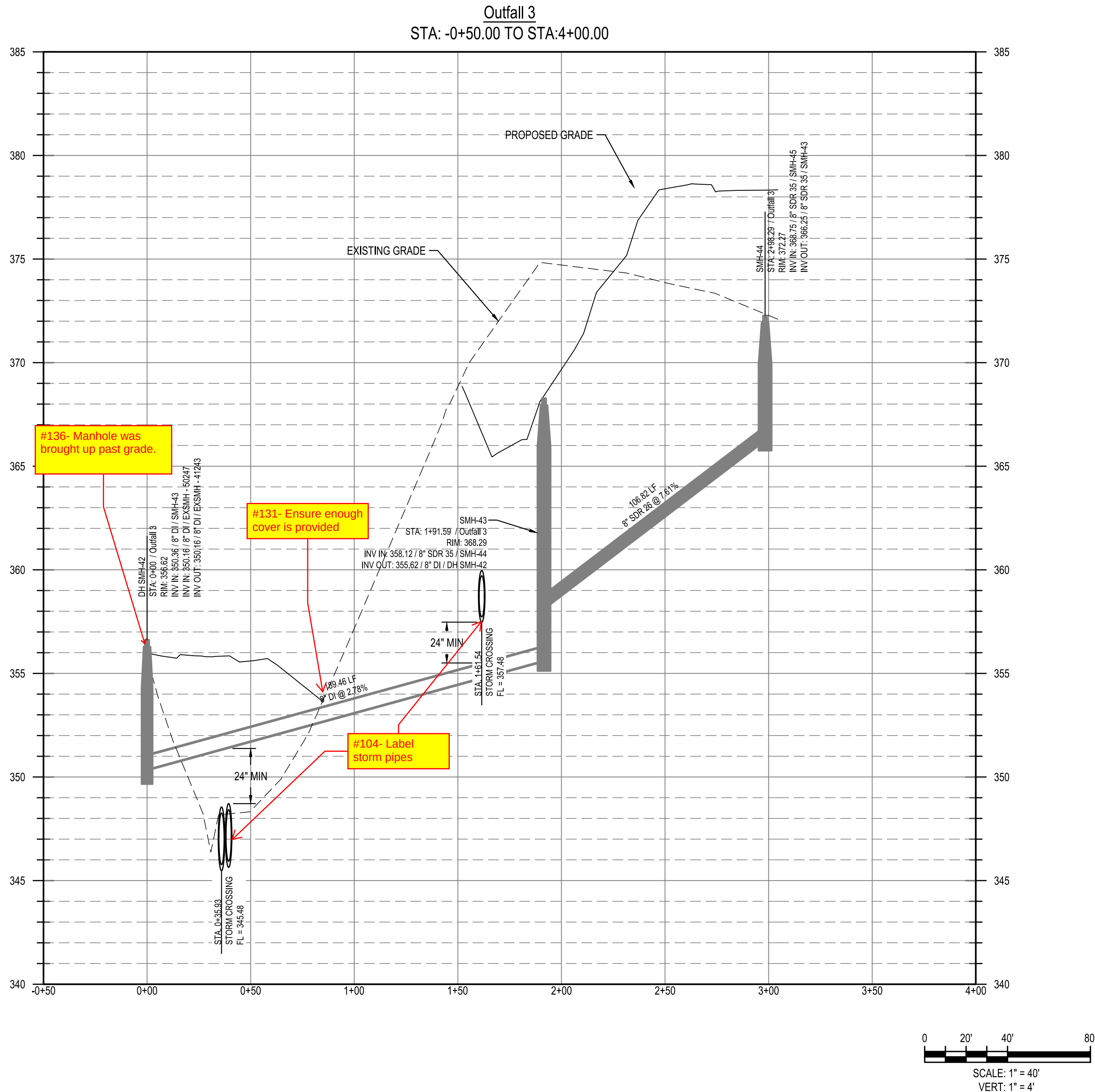
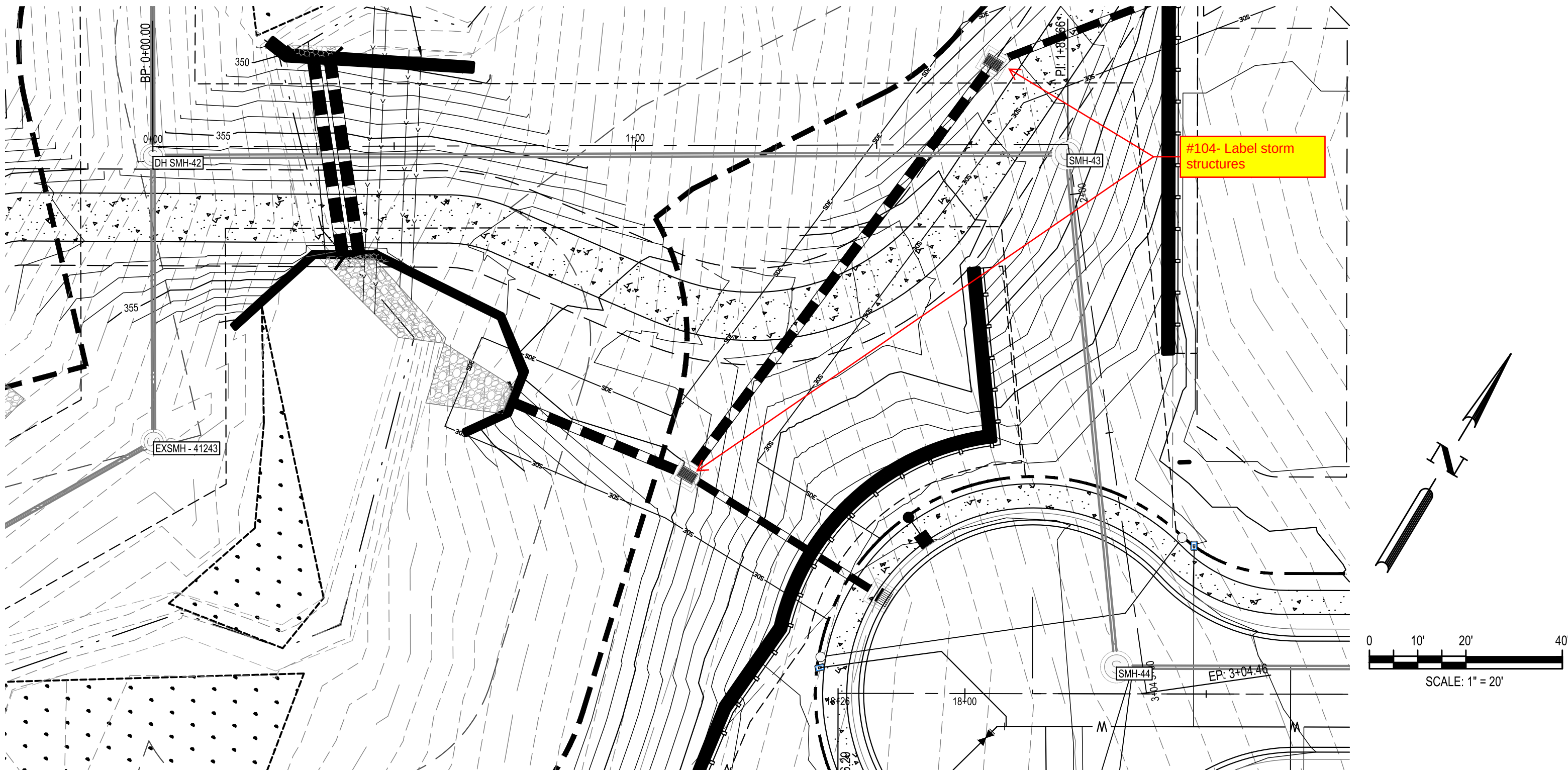
SEWER OUTFALL 1 AND 2
PLAN AND PROFILE

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
©2023

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



811
Know what's below.
Call before you dig.

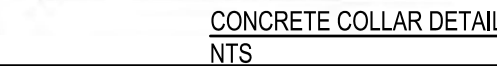
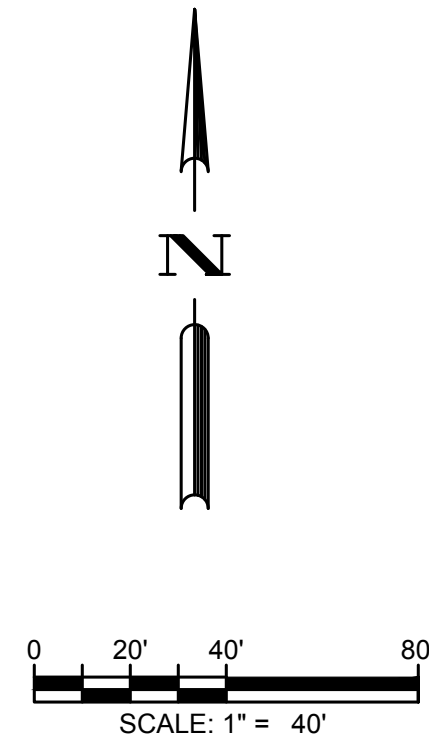
PRELIMINARY
ENGINEER
FEDRA M. FENN
10-12-23
NOT FOR
CONSTRUCTION
FILE NUMBER:
8430-03
DATE: 10/02/2023
C6-26

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
©2023

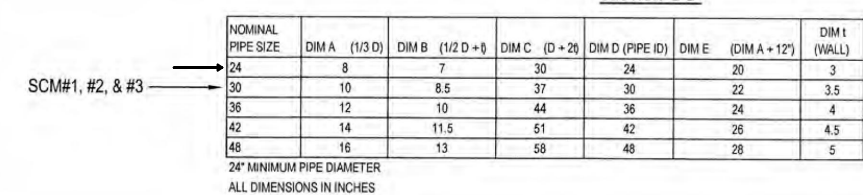
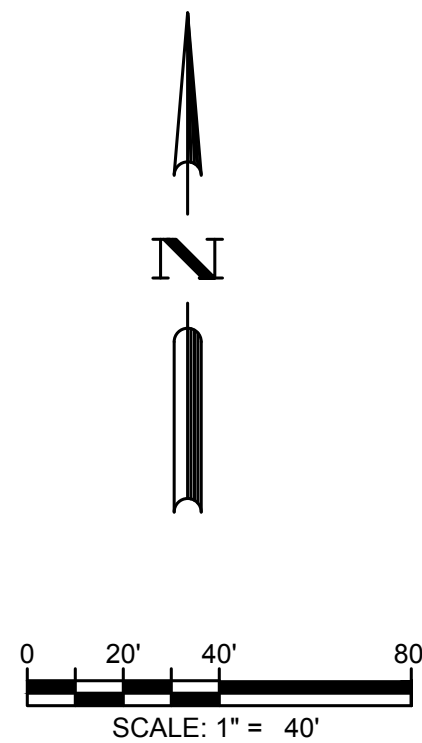
DESIGNED BY:					
DRAWN BY:					
REVIEWED BY:	DF				
REV	06/01/2023	INITIAL	SUBMITTAL		
				10/02/2023	PER TOWN OF ROLESVILLE COMMENT
				08/01/2023	PER TOWN OF ROLESVILLE COMMENT



NOMINAL PIPE SIZE	DM A (1/3 D)	DM B (1/2 D + 6)	DM C (D + 2)	DM D (PIPE ID)	DM E (DM A + 12)	DM I (WALL)
24	8	7	33	24	20	3
30	10	8.5	37	30	22	3.5
36	12	10	44	36	24	4
42	14	11.5	51	42	26	4.5
48	16	13	58	48	28	5

24" MINIMUM PIPE DIAMETER
ALL DIMENSIONS IN INCHES

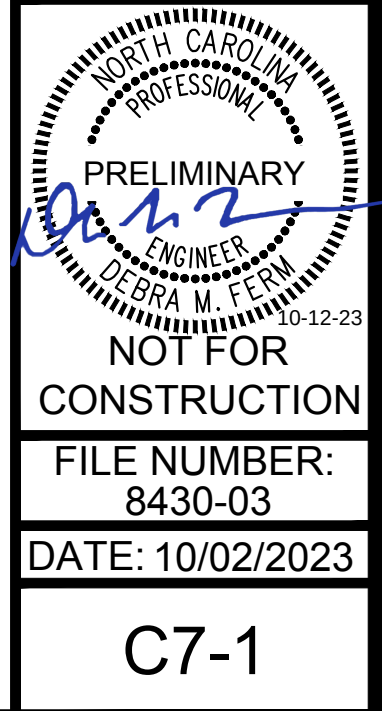




**LENNAR
CORPORAION**
1100 PERIMETER PARK DRIVE, SUITE 112
MORRISVILLE / NORTH CAROLINA / 27560

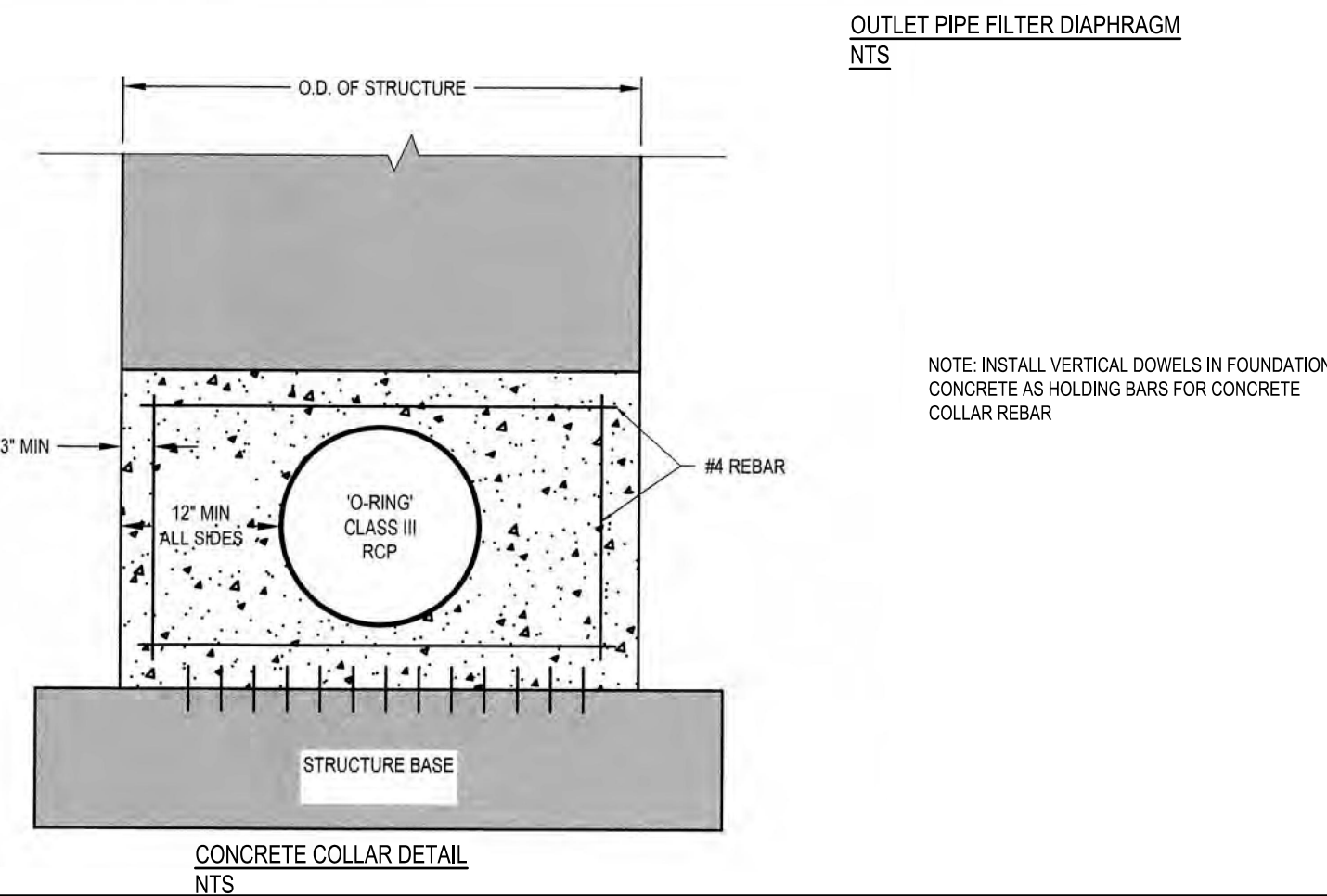
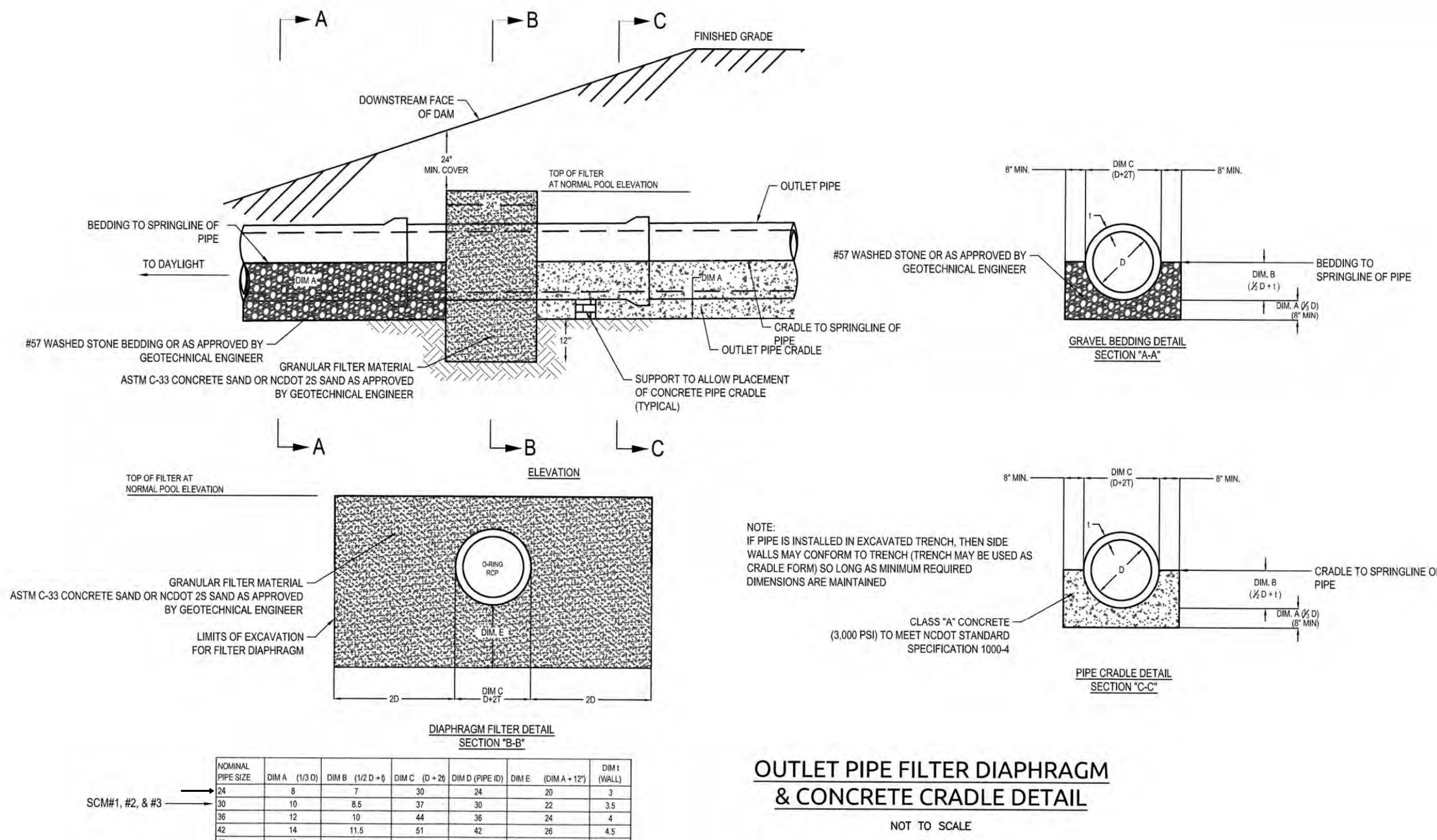
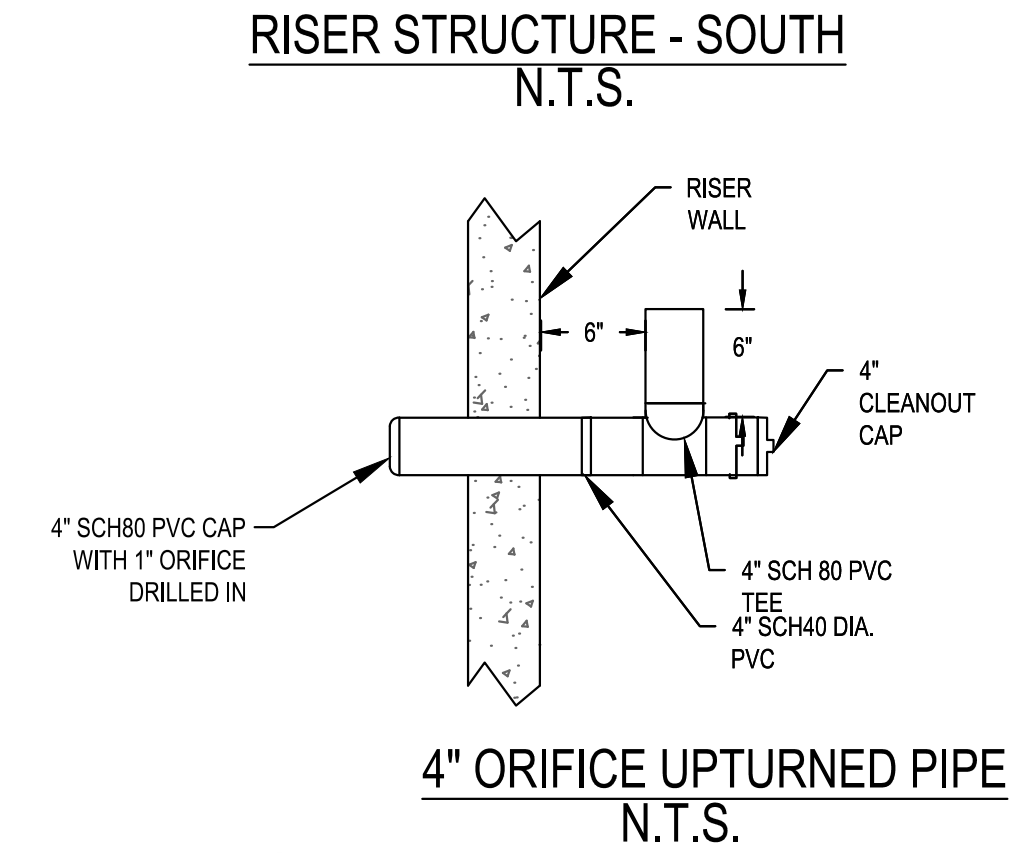
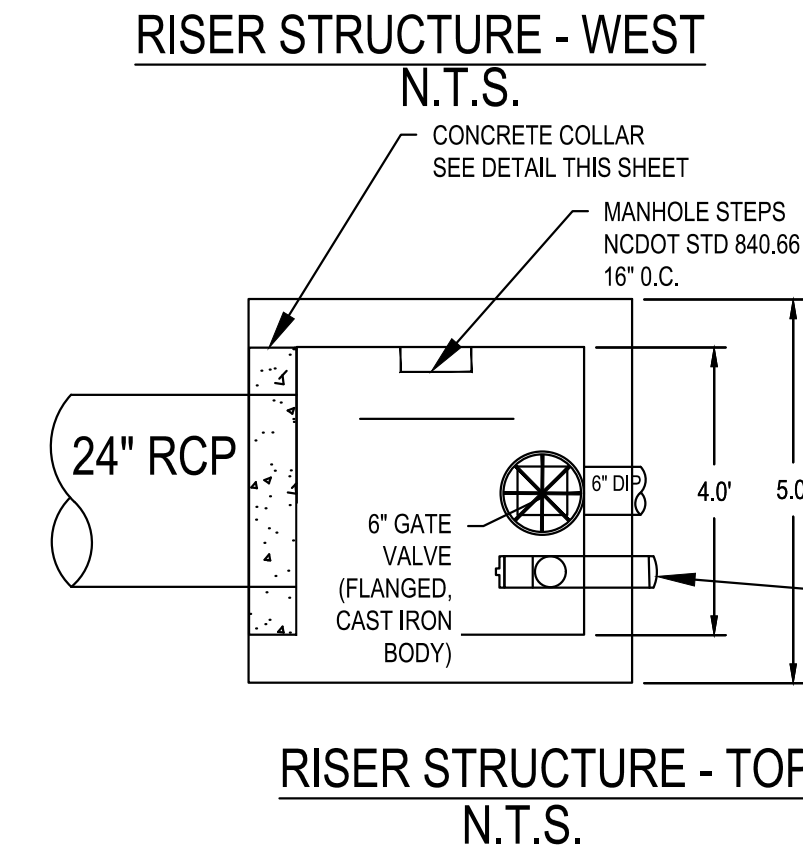
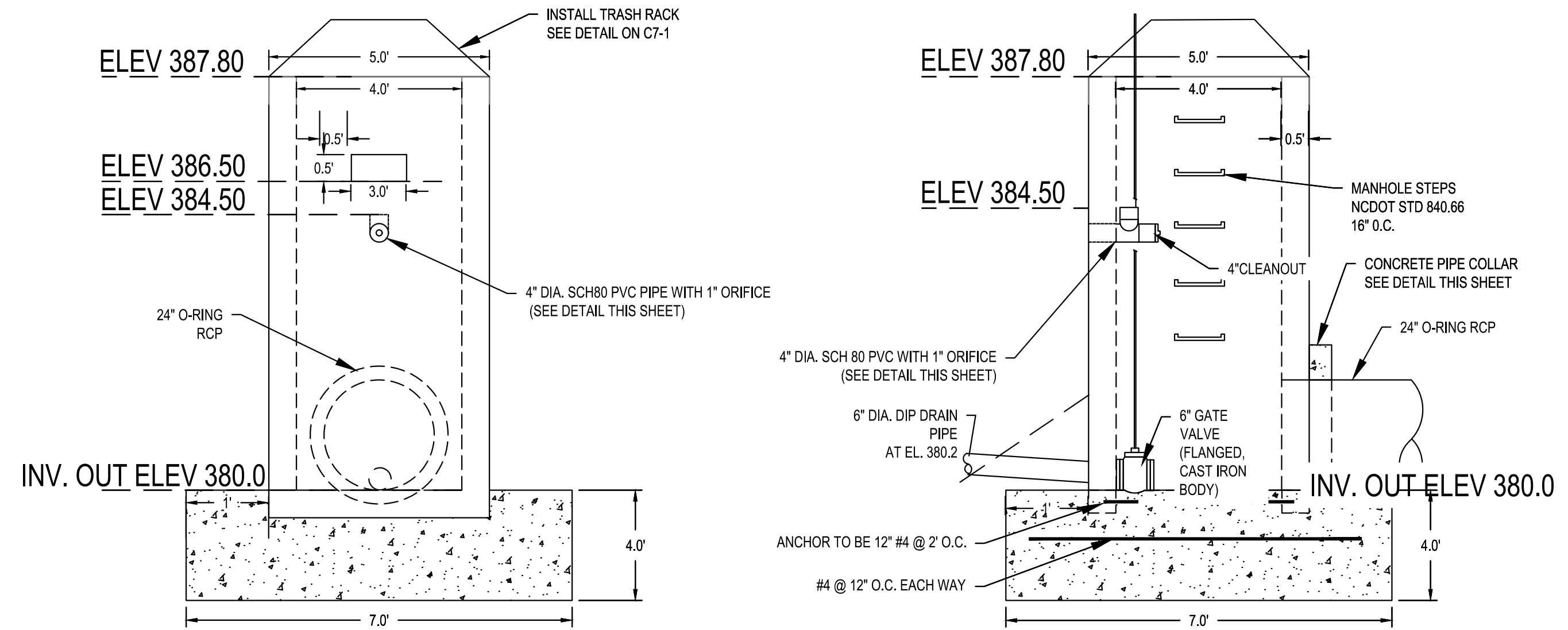
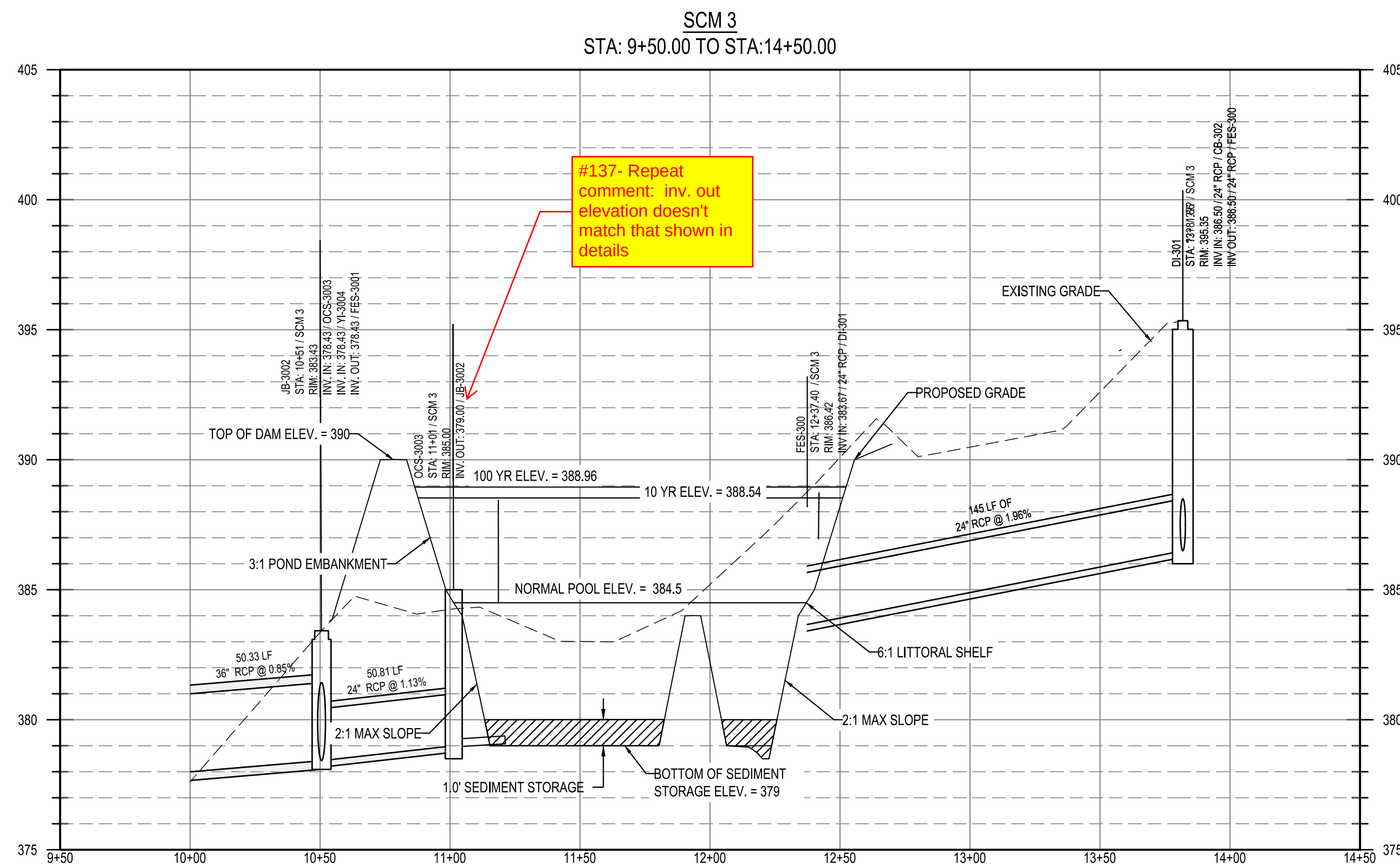
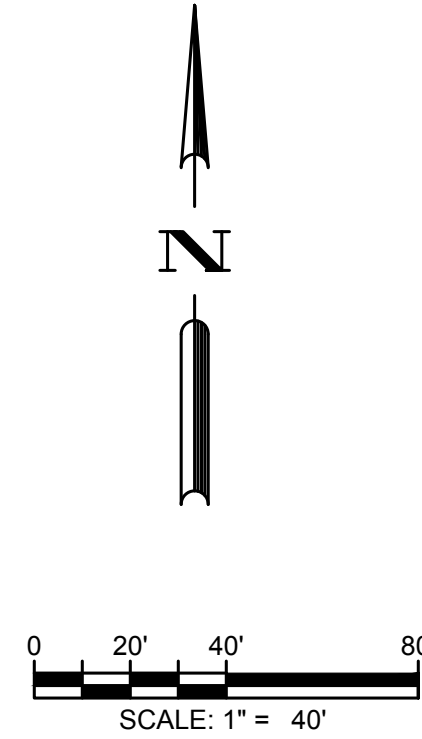
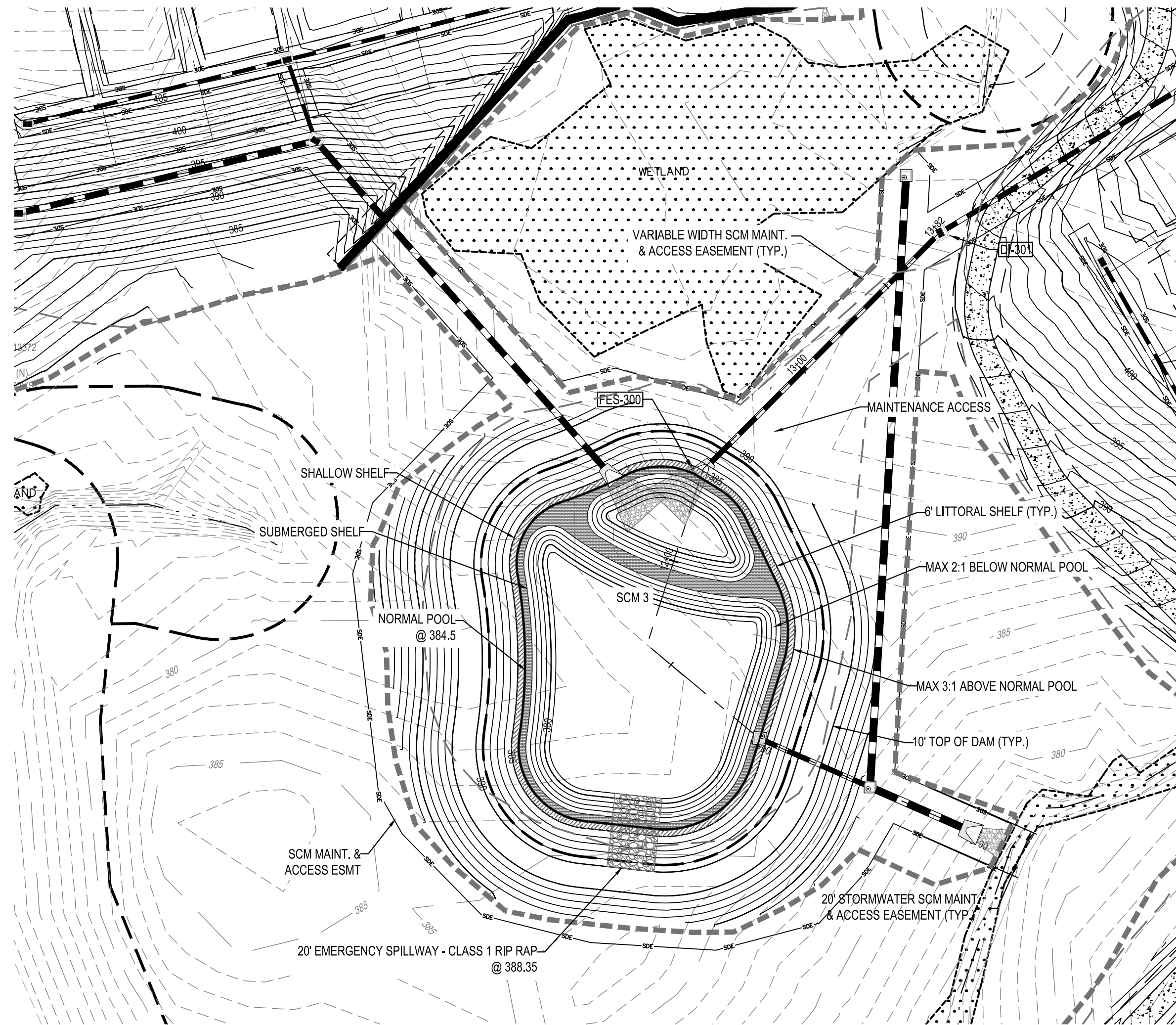
PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

SCM 2 PLAN AND PROFILE



Know what's below.
Call before you dig.

C7-1



PER TOWN OF ROLESVILLE COMMENT
10/02/2023
DESIGNED BY: DF/CD
DRAWN BY: DF/JWM
REVIEWED BY: DF

PER TOWN OF ROLESVILLE COMMENT
08/01/2023
REV
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

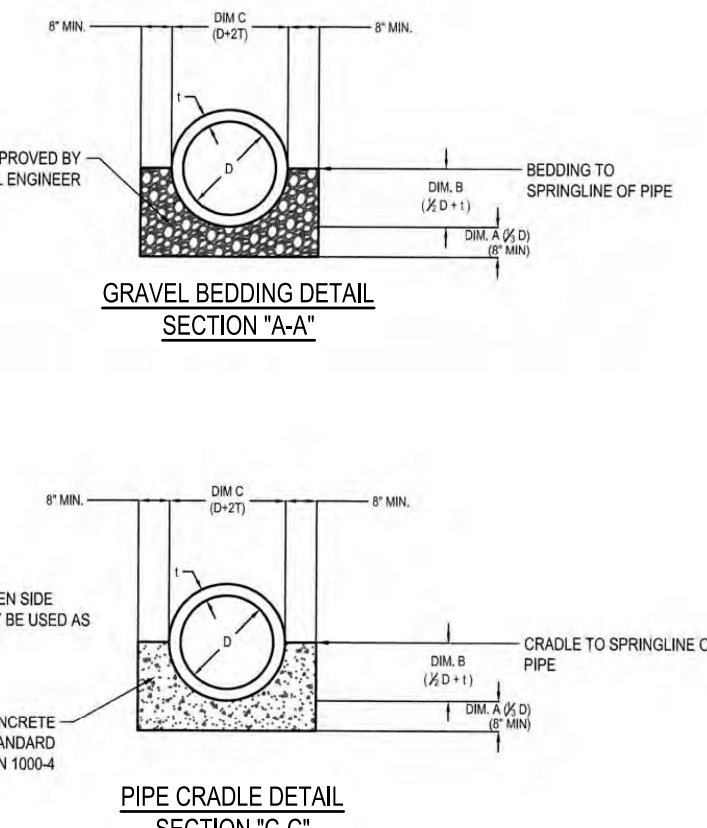
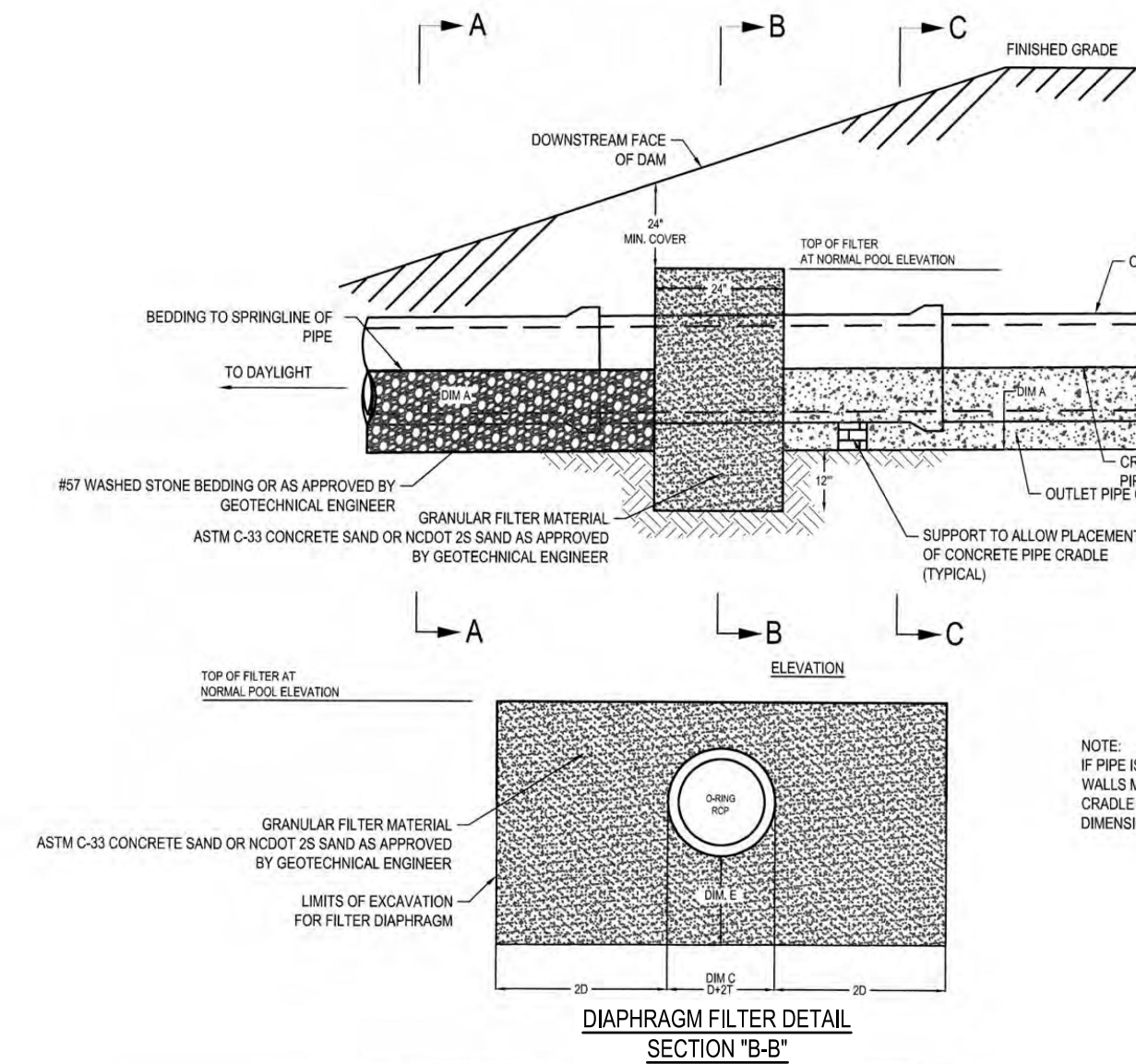
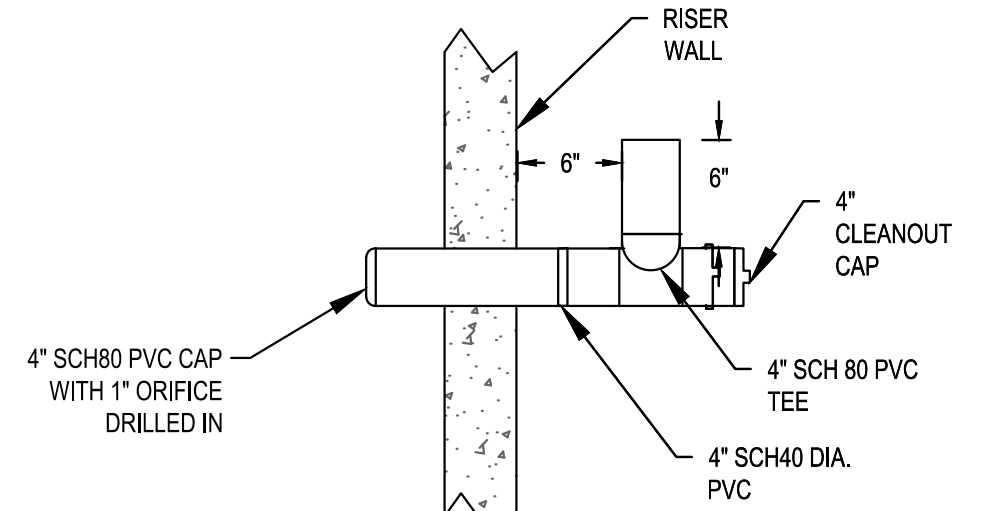
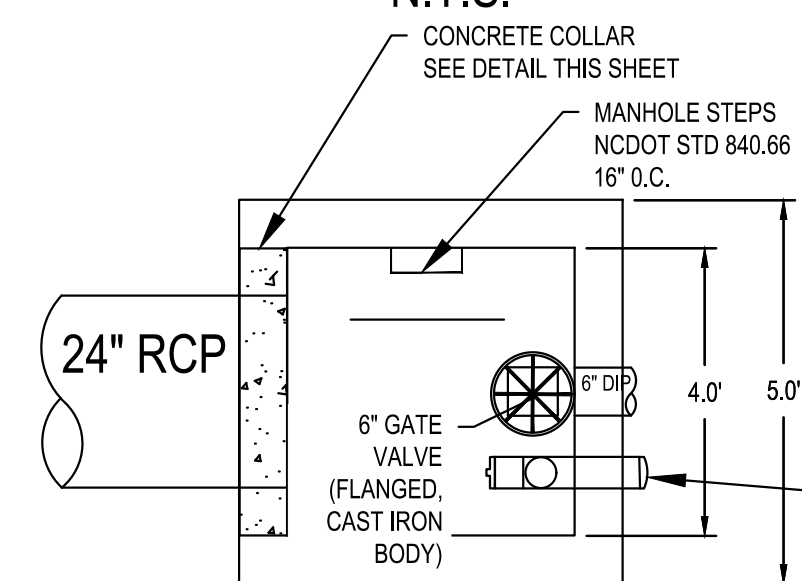
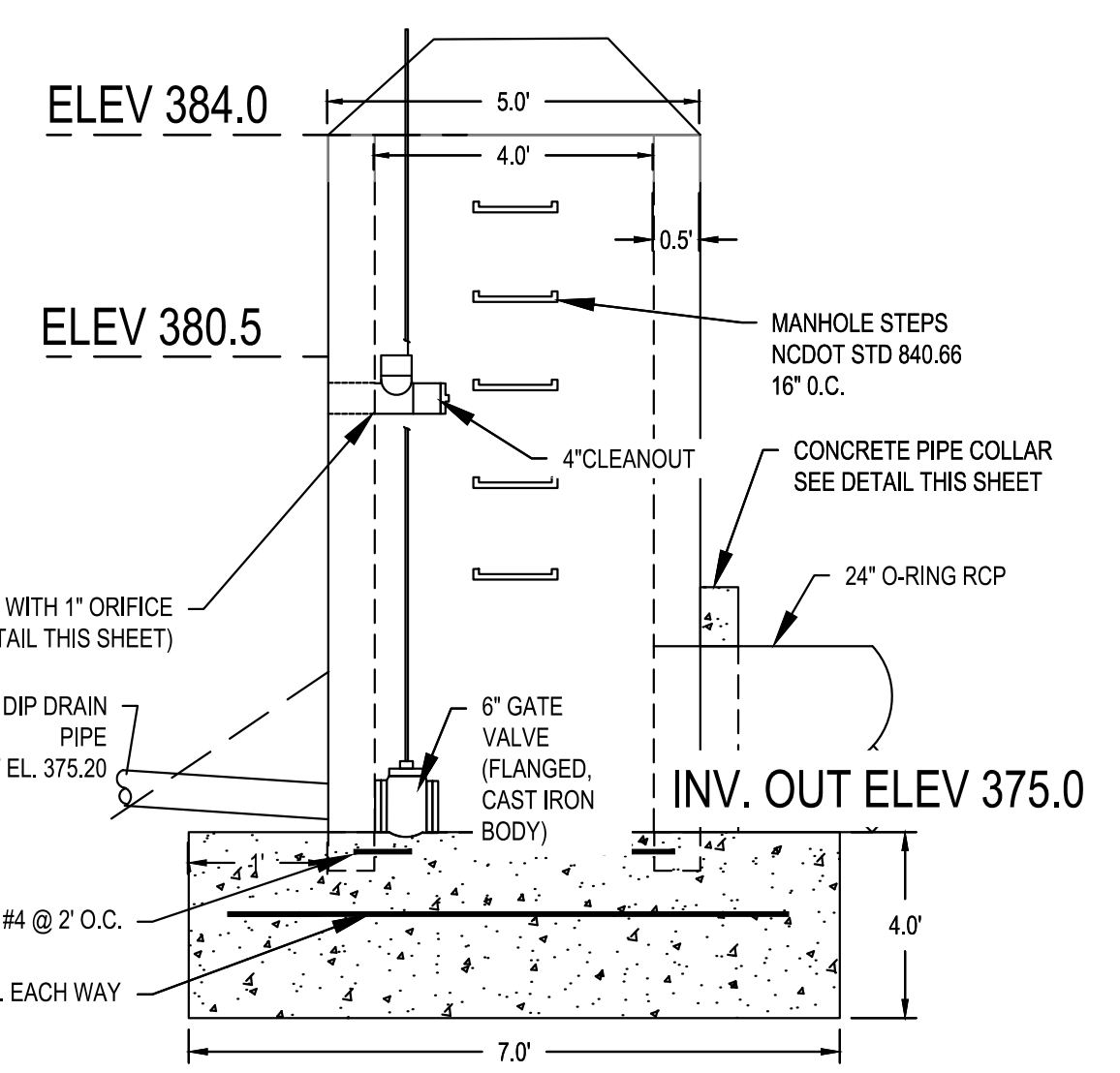
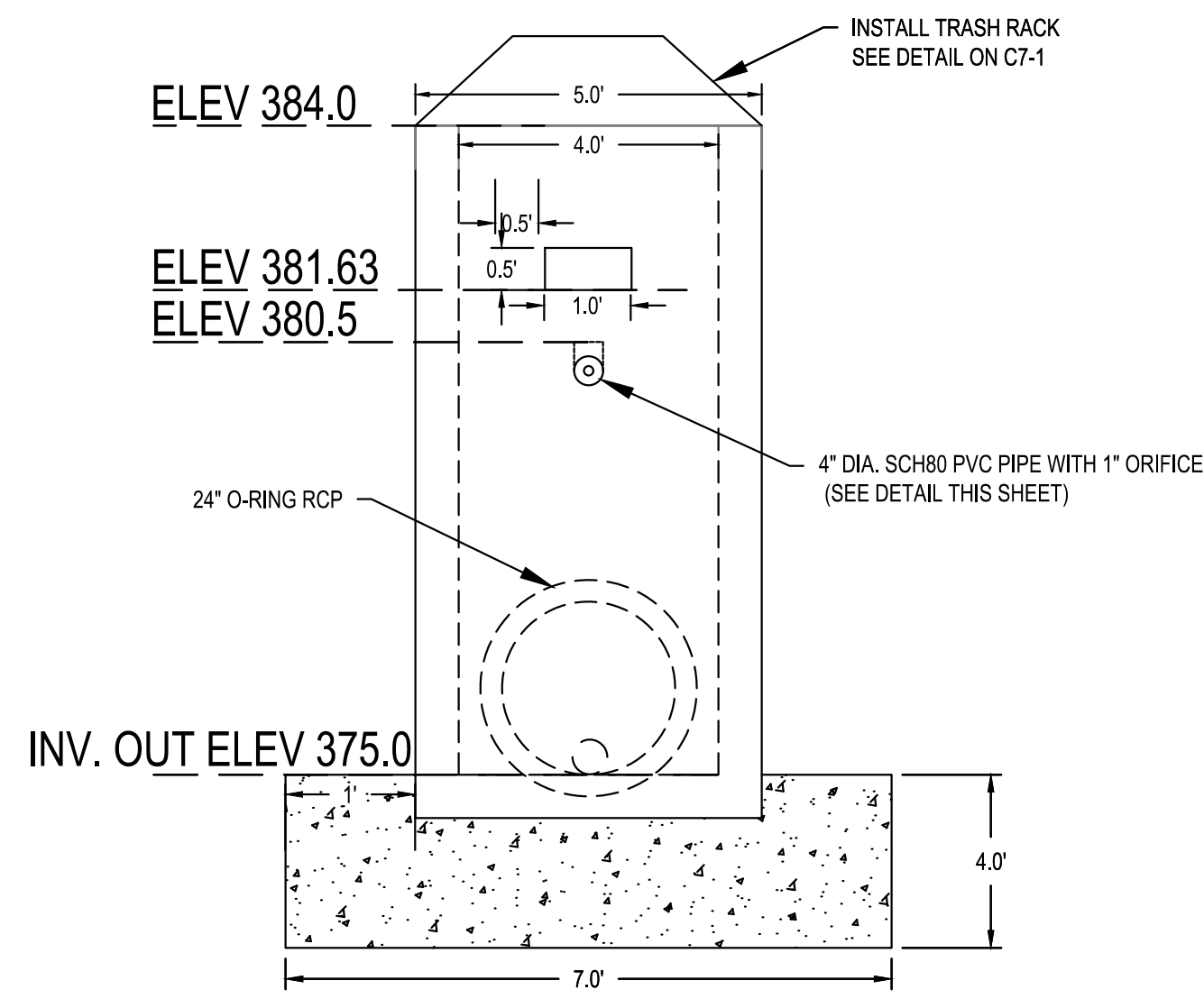
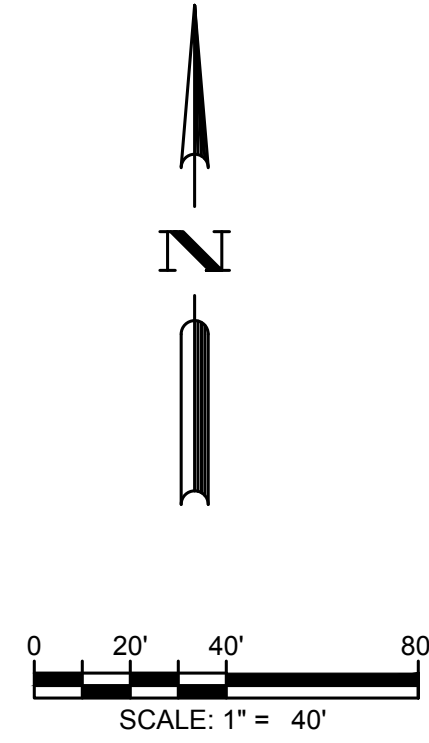
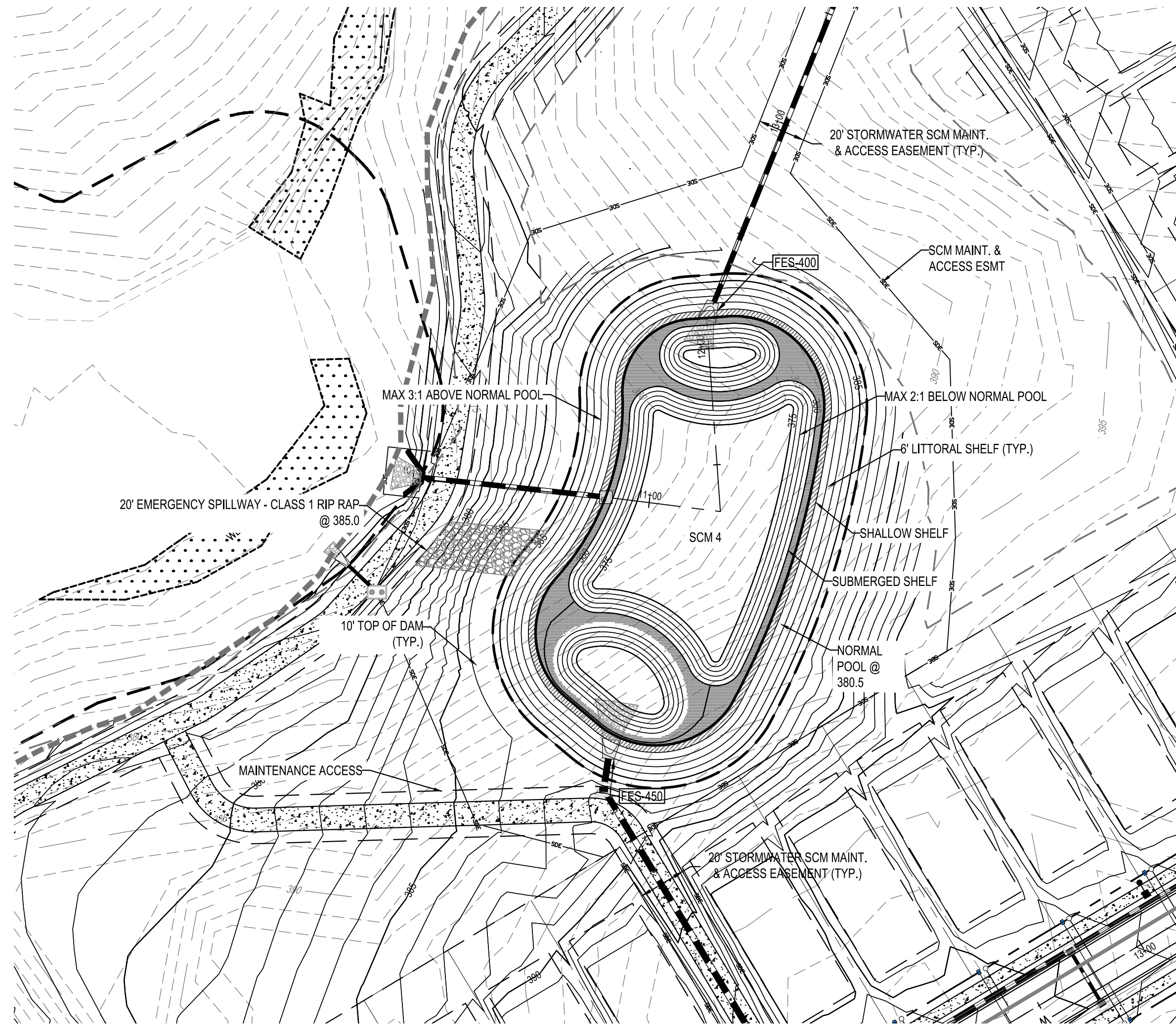
SCM 3 PLAN AND PROFILE

NOT FOR CONSTRUCTION

FILE NUMBER:
8430-03

DATE: 10/02/2023

C7-2

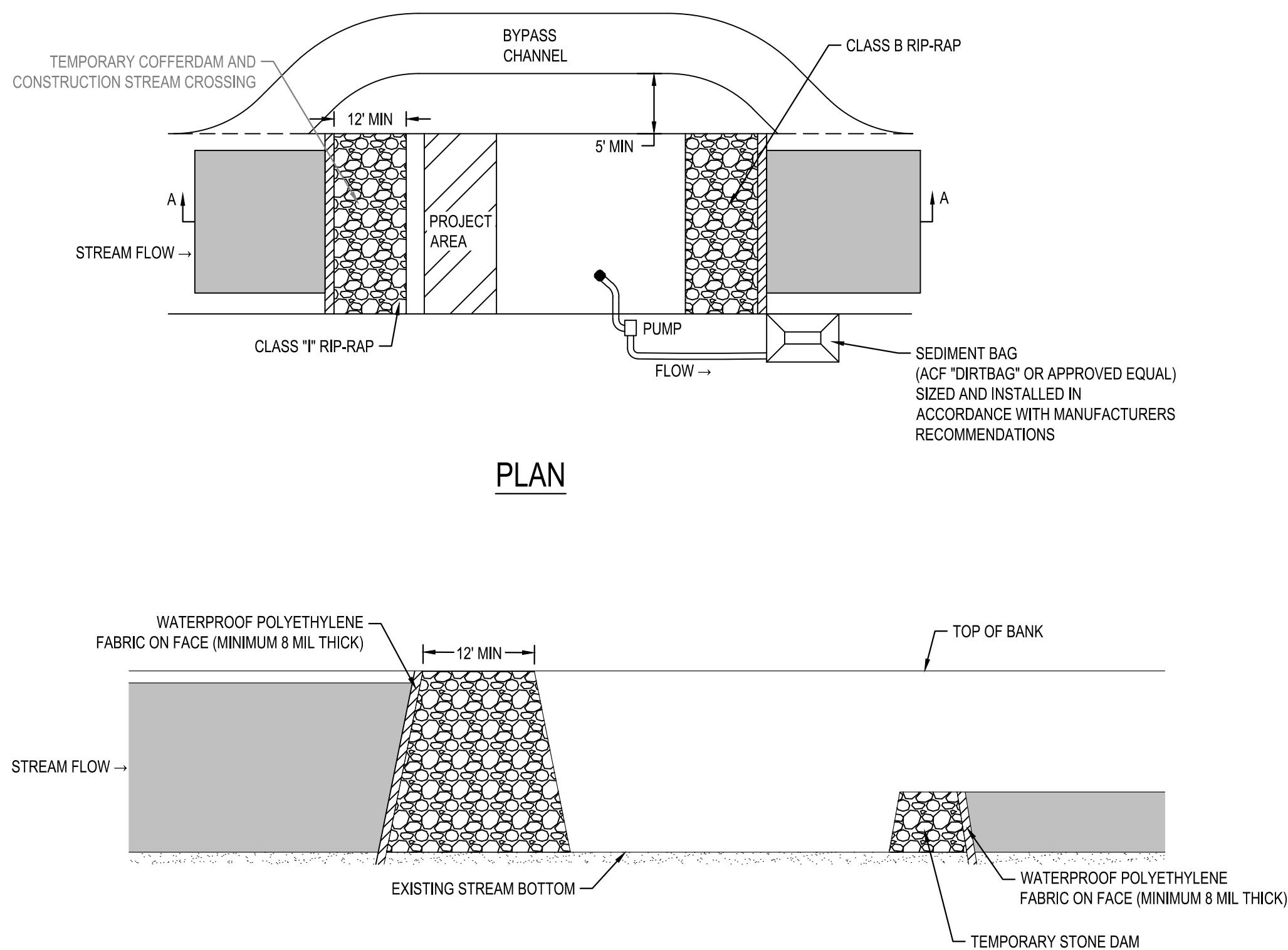


SCM#1, #2, & #3	NOMINAL PIPE SIZE	DM A (1/2 D)	DM B (1/2 D + 6)	DM C (D - 26)	DM D (PIPE ID)	DM E (DM A + 12)	DM F (WALL)
	24	8	7	30	24	20	3
	30	10	8.5	37	30	22	3.5
	36	12	10	44	36	24	4
	42	14	11.5	51	42	26	4.5
	48	16	13	59	48		

G:\NCA\Projects\Lennar\8430-03 - DWG\PlanSheets\On-Site\C5-4 - SWM-POND.dwg Layout: C7-4 CULVERT 1 PLAN Plotted: 10/13/2023 8:10:38 AM

- 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.



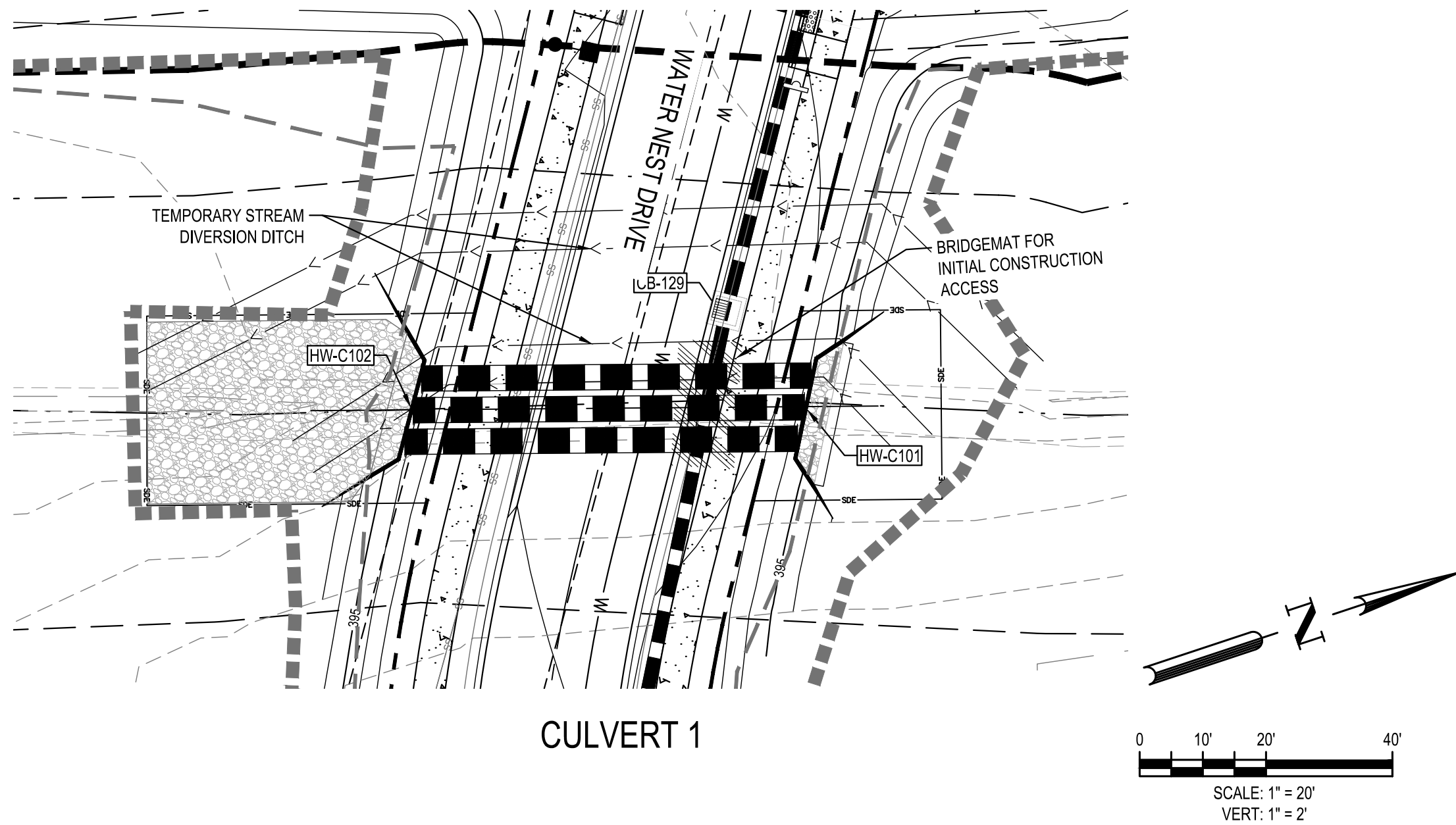
PLAN

SECTION A-A

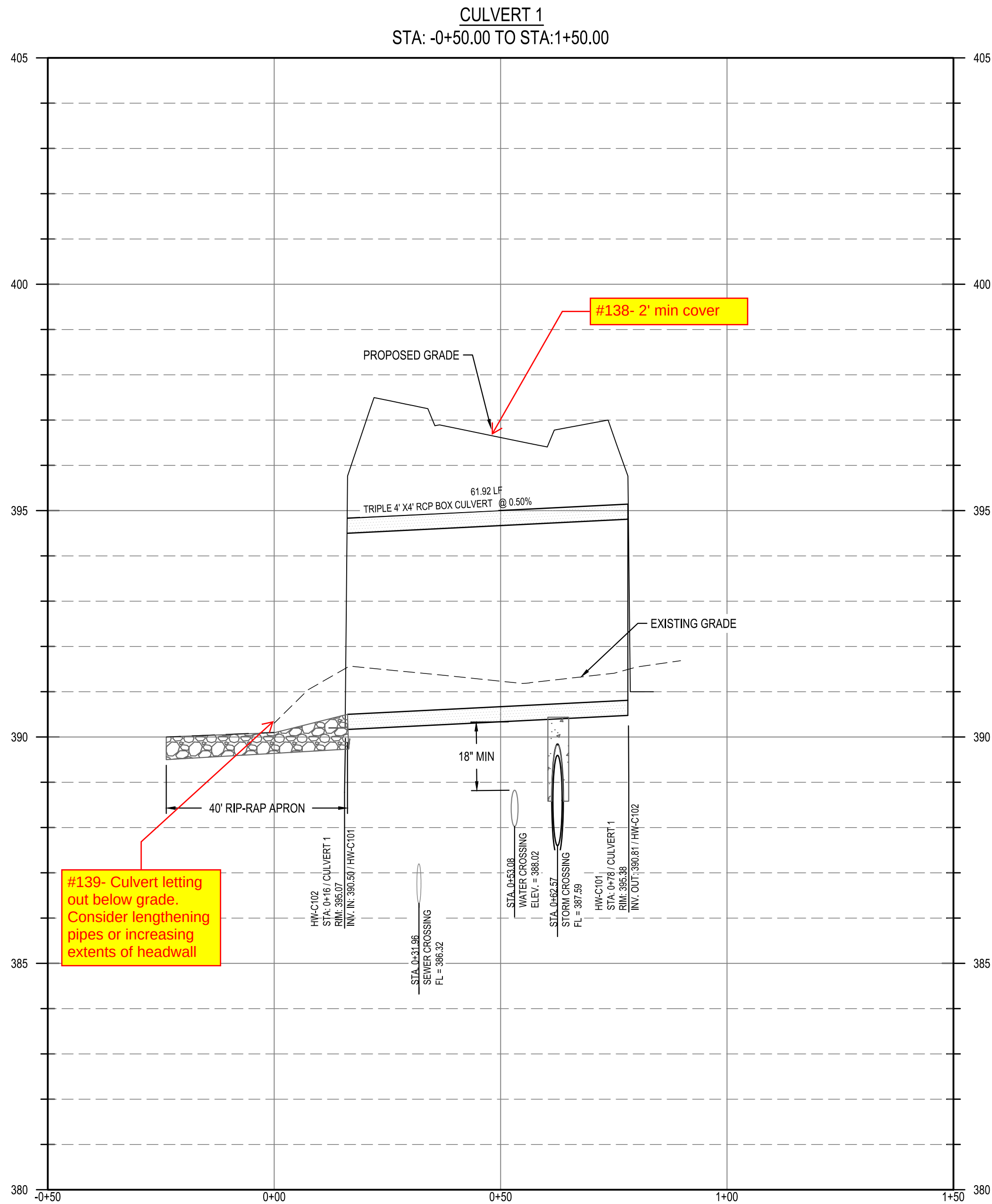
TEMPORARY STREAM CROSSING BYPASS

NOT TO SCALE

#48- Label existing contours



CULVERT 1



CULVERT 1

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



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	REV
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 1 PLAN

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

C7-4

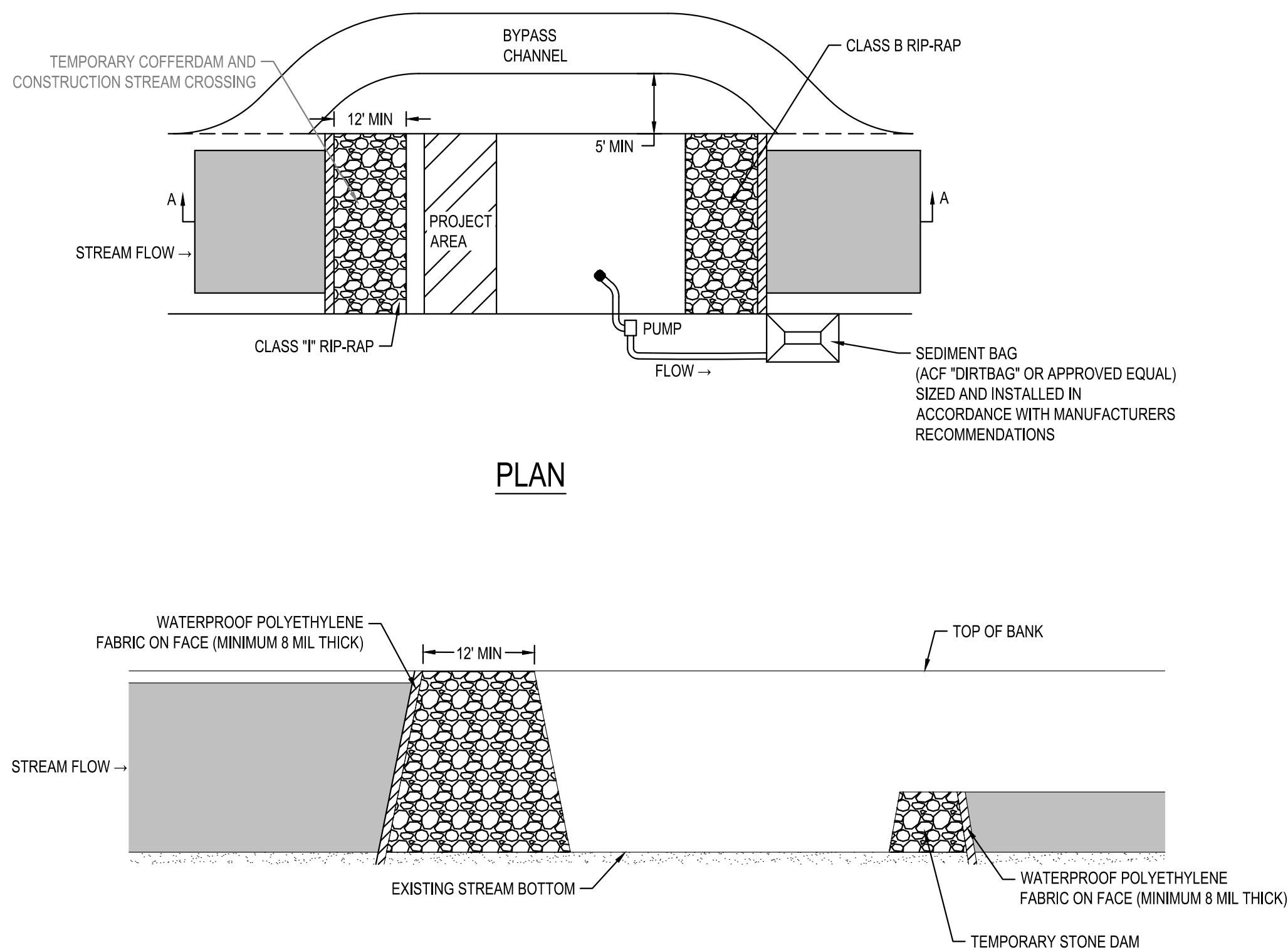
G:\NCA\Projects\Lennar\8430-03 - Lennar - School Street - Rolesville\03 - DWG\PlanSheets\On-Site\CS-4 - SWM-POND.dwg Layout: C7-5 CULVERT 2 PLAN Plotted: 10/13/2023 8:10:45 AM

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.

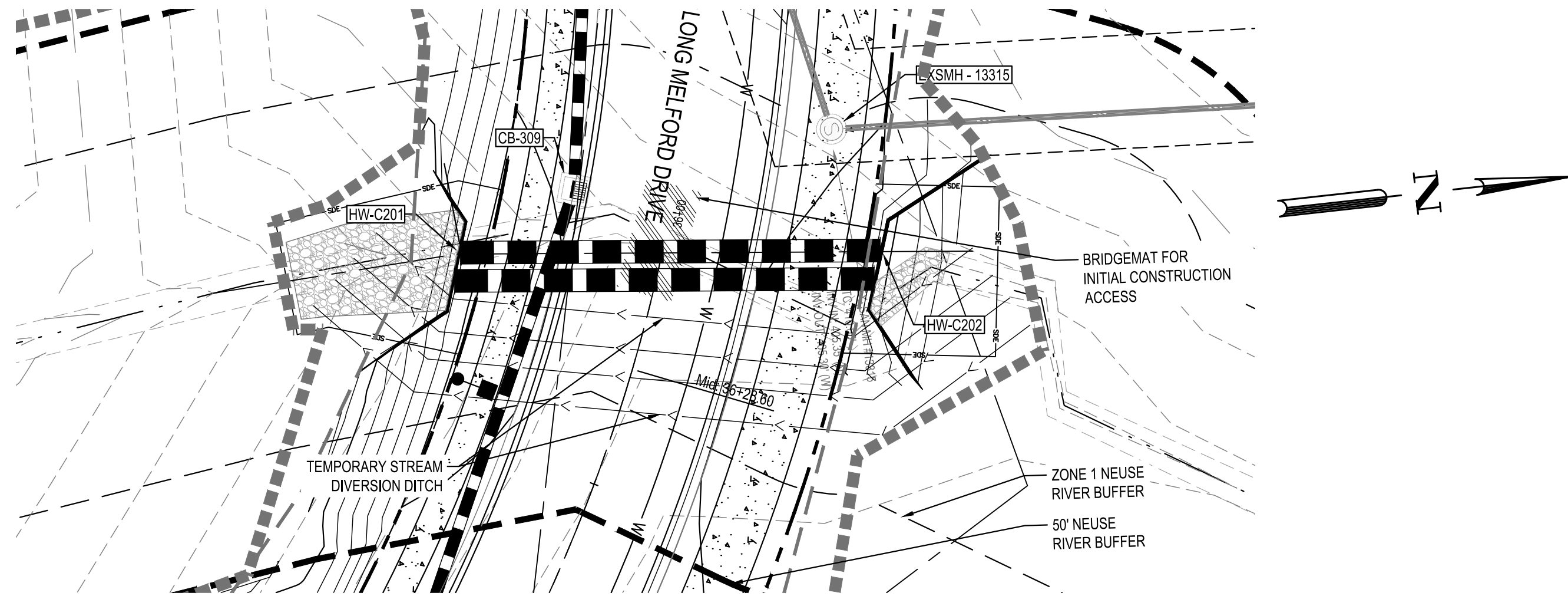


PLAN

SECTION A-A

TEMPORARY STREAM CROSSING BYPASS

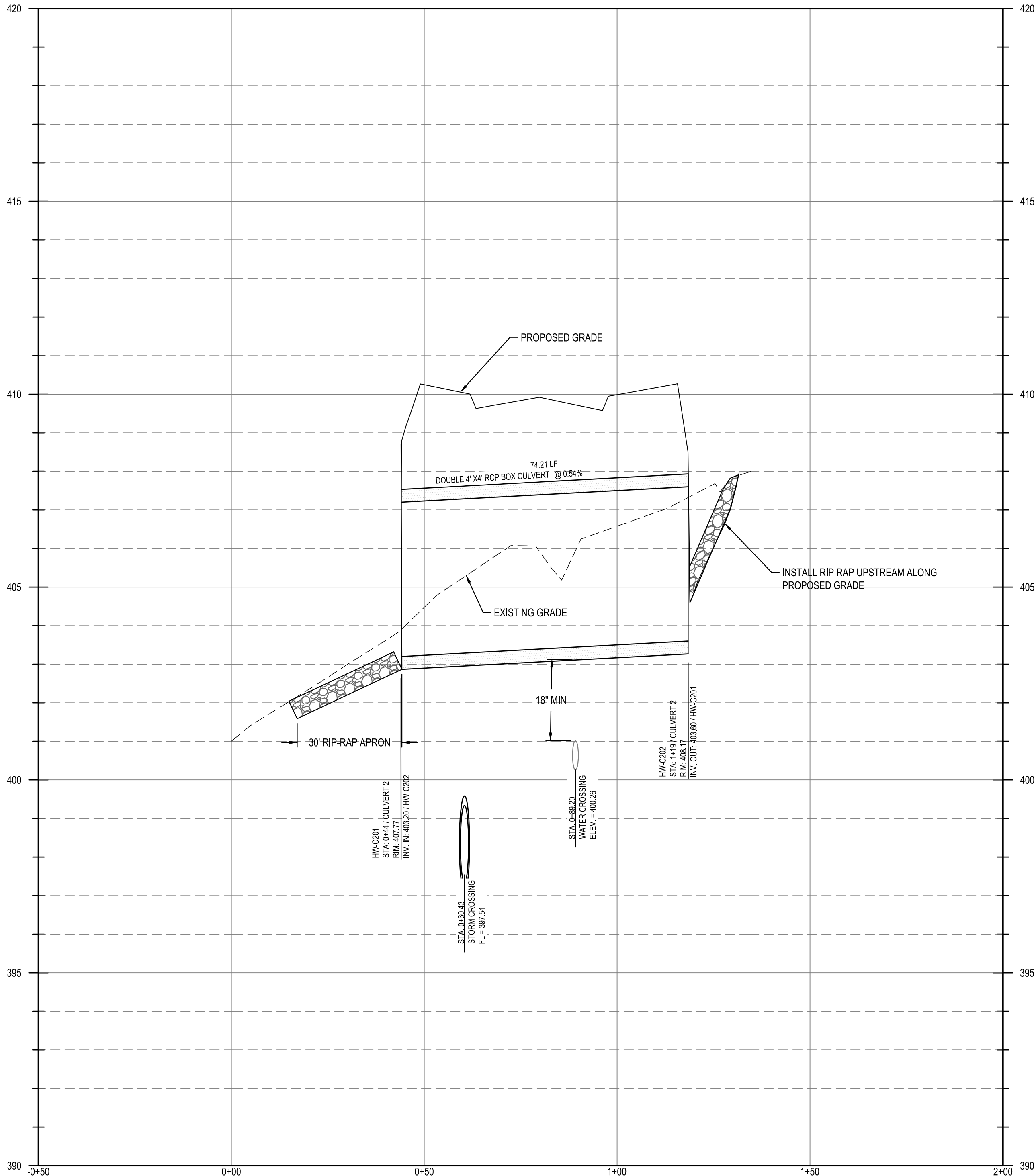
NOT TO SCALE



CULVERT 2

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

0 10' 20' 40'
SCALE: 1" = 20'
VERT: 1" = 2'



Know what's below.
Call before you dig.

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

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

PER TOWN OF ROLESVILLE COMMENT
10/02/2023
REV

PER TOWN OF ROLESVILLE COMMENT
08/01/2023
REV

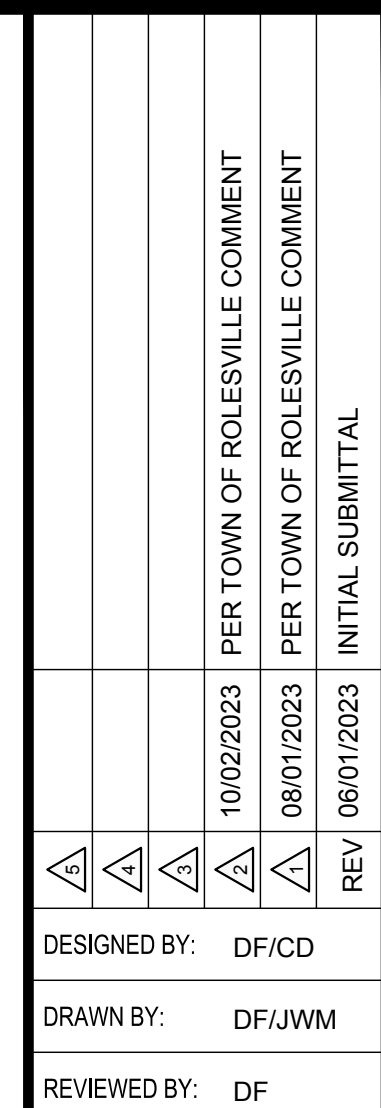
INITIAL SUBMITTAL
06/01/2023
REV

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 DOWATERING BAG 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



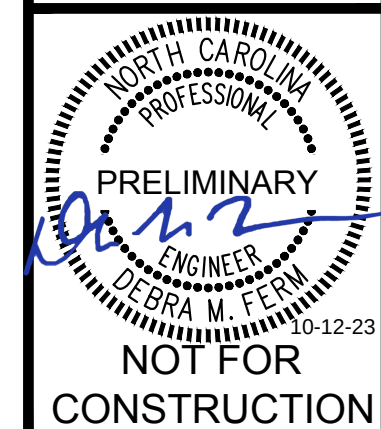
BGE

5440 WADE PARK BLVD., SUITE 102
RALEIGH NC 27607
WWW.BGEINC.COM
NC LICENSE #C-4397 ©2023

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

PARKER RIDGE
82 SCHOOL STREET
ROLESVILLE / NORTH CAROLINA / 27571

CULVERT 3 PLAN



FILE NUMBER:
8430-03

DATE: 10/02/2023

C7-6



Know what's below.
Call before you dig.

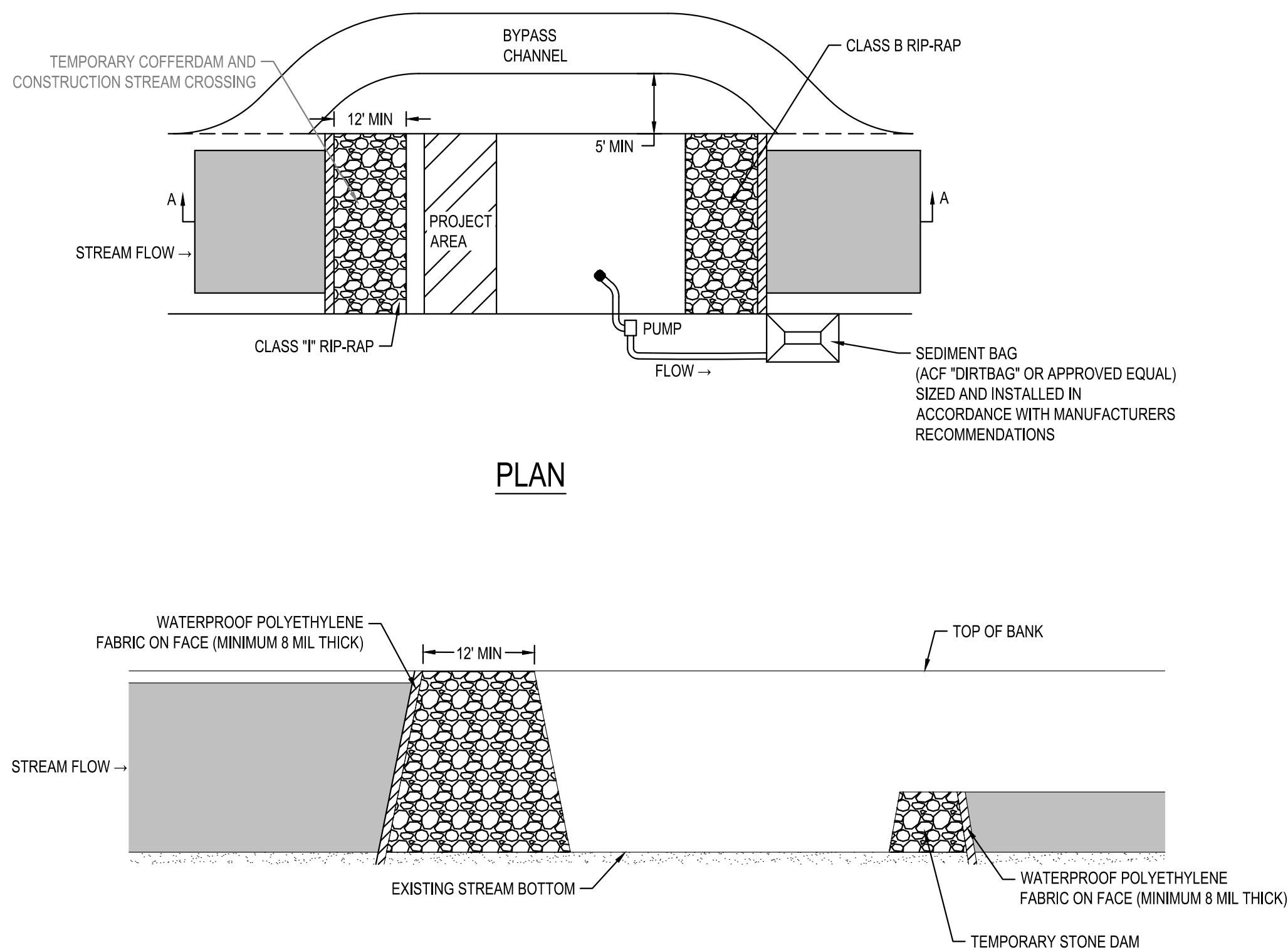
G:\NCA\Projects\Lennar\8430-03 - Lennar - School Street - Rolesville\03 - DWG\PlanSheets\On-Site\C5-4 - SWM-POND.dwg Layout: C7-7 CULVERT 4 PLAN Plotted: 10/10/2023 3:45:29 PM

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.

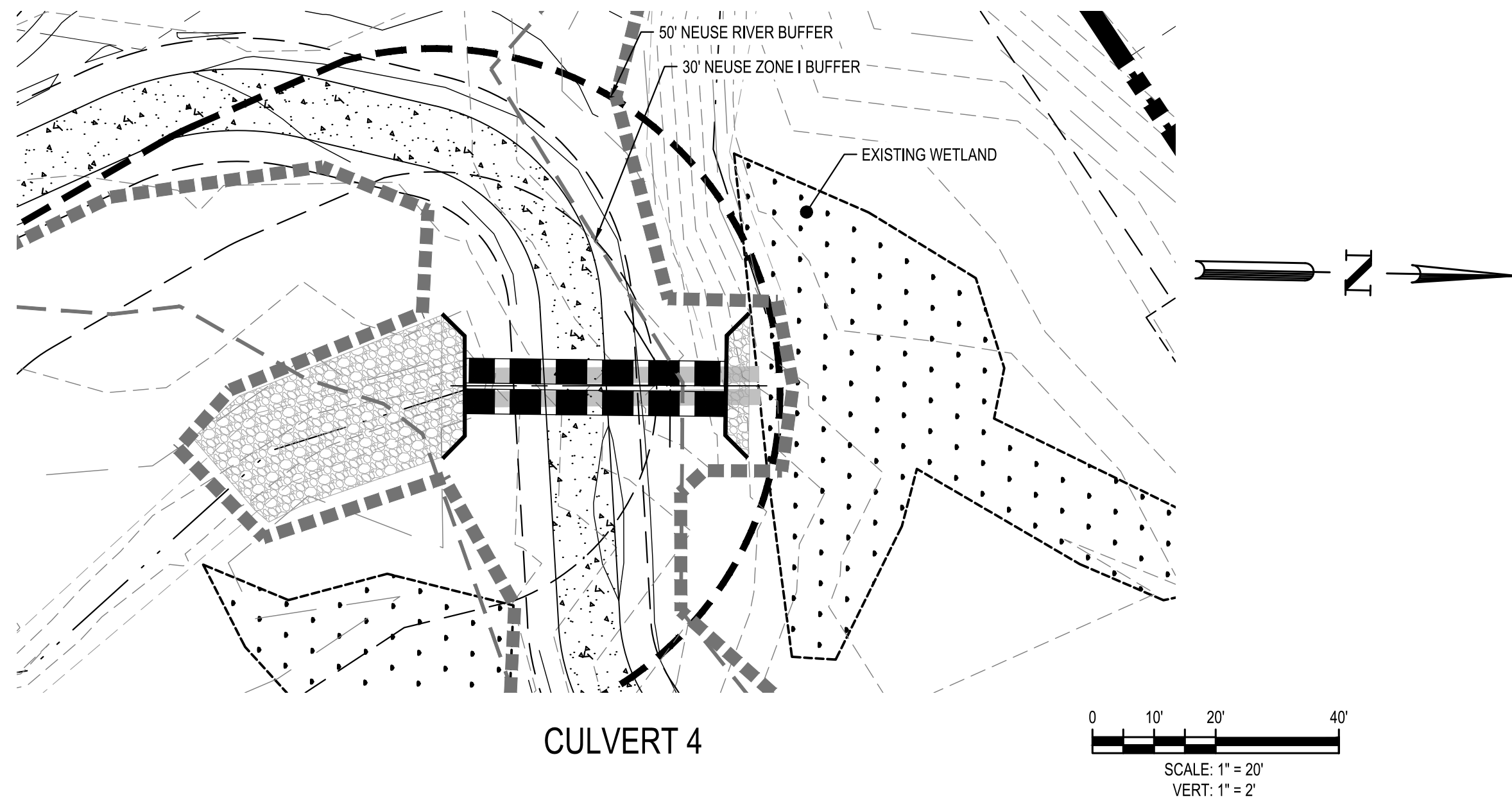


PLAN

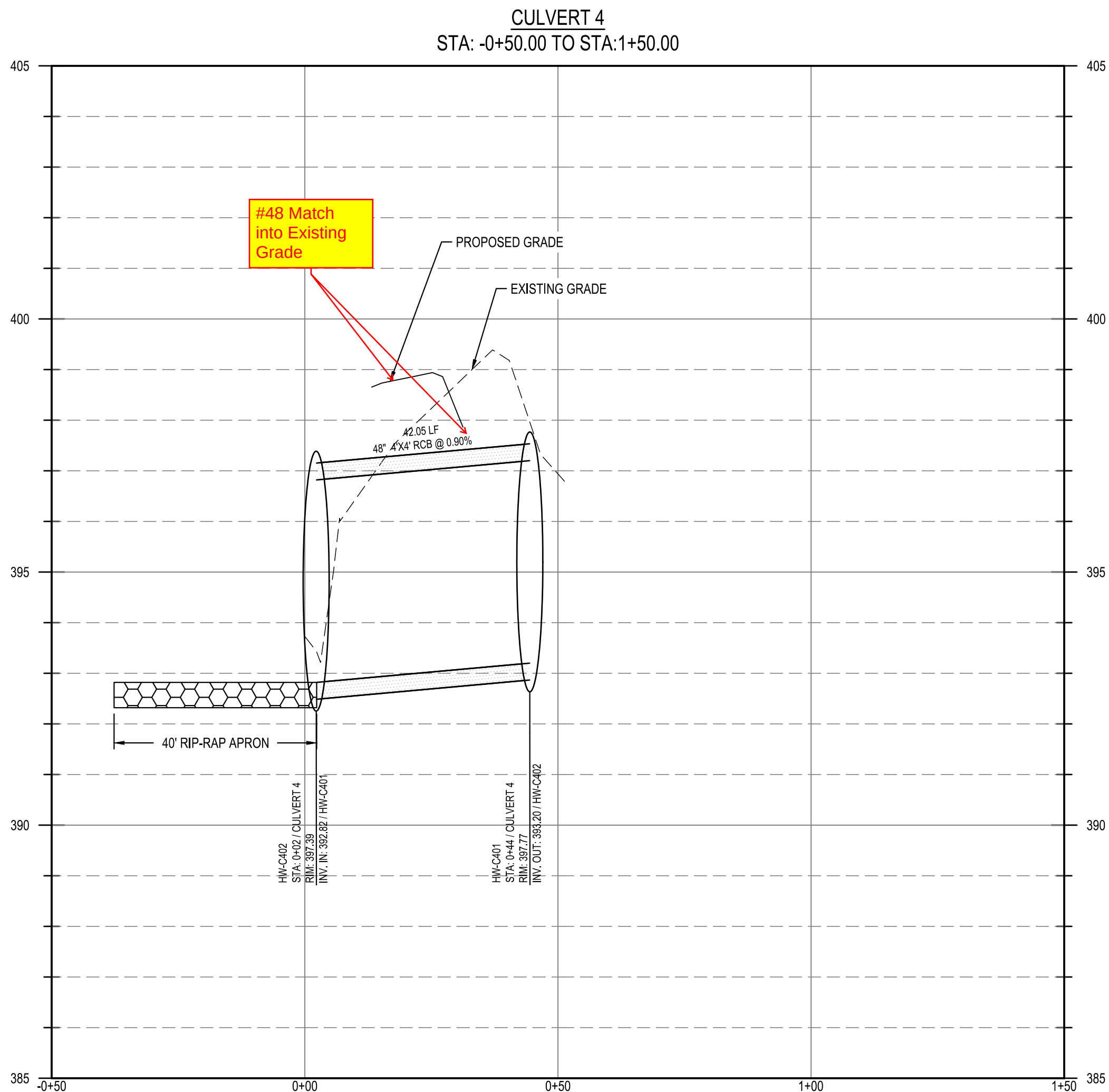
SECTION A-A

TEMPORARY STREAM CROSSING BYPASS

NOT TO SCALE



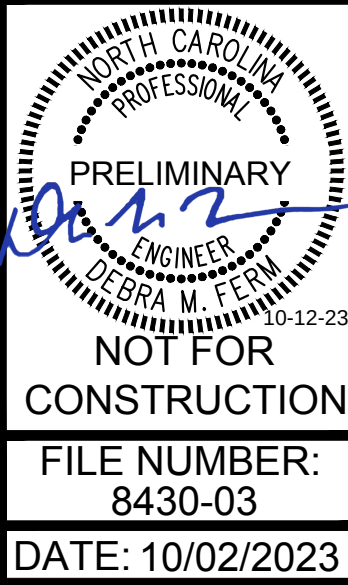
CULVERT 4



CULVERT 4
STA: -0+50.00 TO STA: 1+50.00



Know what's below.
Call before you dig.



C7-7

DESIGNED BY:	DF/CD	
DRAWN BY:	DF/JWM	
REVIEWED BY:	DF	
REV	10/02/2023	PER TOWN OF ROLESVILLE COMMENT
REV	08/01/2023	PER TOWN OF ROLESVILLE COMMENT
REV	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 4 PLAN

PRELIMINARY
ENGINEER
NEDRA M. FENNEL
10-12-23
NOT FOR
CONSTRUCTION
FILE NUMBER:
8430-03
DATE: 10/02/2023

NTS

Know what's below.
Call before you dig.

C7-8

**LENNAR
CORPORAION**
1100 PERIMETER PARK DRIVE, SUITE 200
MOORESVILLE, NC 28058

PARKER RIDGE
82 SCHOOL STREET

SCM DETAILS