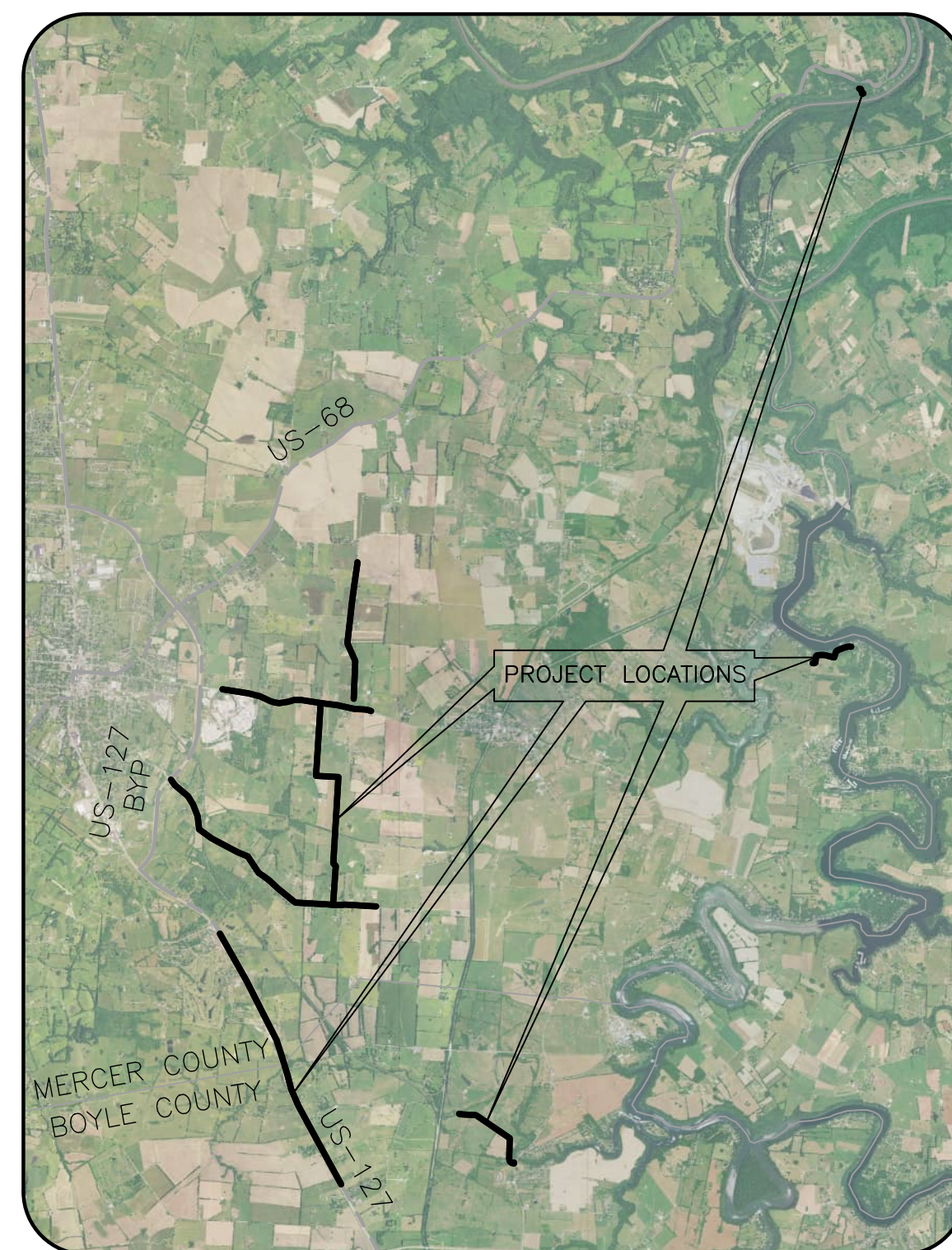


CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS

FOR

LAKE VILLAGE WATER ASSOCIATION MERCER COUNTY, KENTUCKY



MERCER AND BOYLE COUNTIES, KY



KENTUCKY STATE MAP

INDEX OF SHEETS

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4	C1.2	PALISADES WATER MAIN PLAN LINE A
5	C1.3	PALISADES WATER MAIN PROFILE LINE A
6	C2.1	SOUTH BUSTER PIKE WATER MAIN INDEX LINE B
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11	C3.1	US127 WATER MAIN INDEX LINE C
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42	C5.1	BURGIN ROAD WATER MAIN INDEX LINE F
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49	C6.1	MOORES LANE WATER MAIN INDEX LINE G
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56	C7.1	WILDWOOD ROAD WATER MAIN INDEX LINE H
57-58	C7.2-C7.3	WILDWOOD ROAD WATER MAIN PLAN LINE H
59	C8.0	STANDARD DETAILS-1
60	C8.1	STANDARD DETAILS-2

651 PERIMETER DRIVE, SUITE 220
LEXINGTON, KY 40517
859-225-8500
859 225-8501 FAX
WWW.STRAND.COM

CONTRACT 14-2023



THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND UTILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHOM DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.



ISSUED FOR BID 01/05/2023

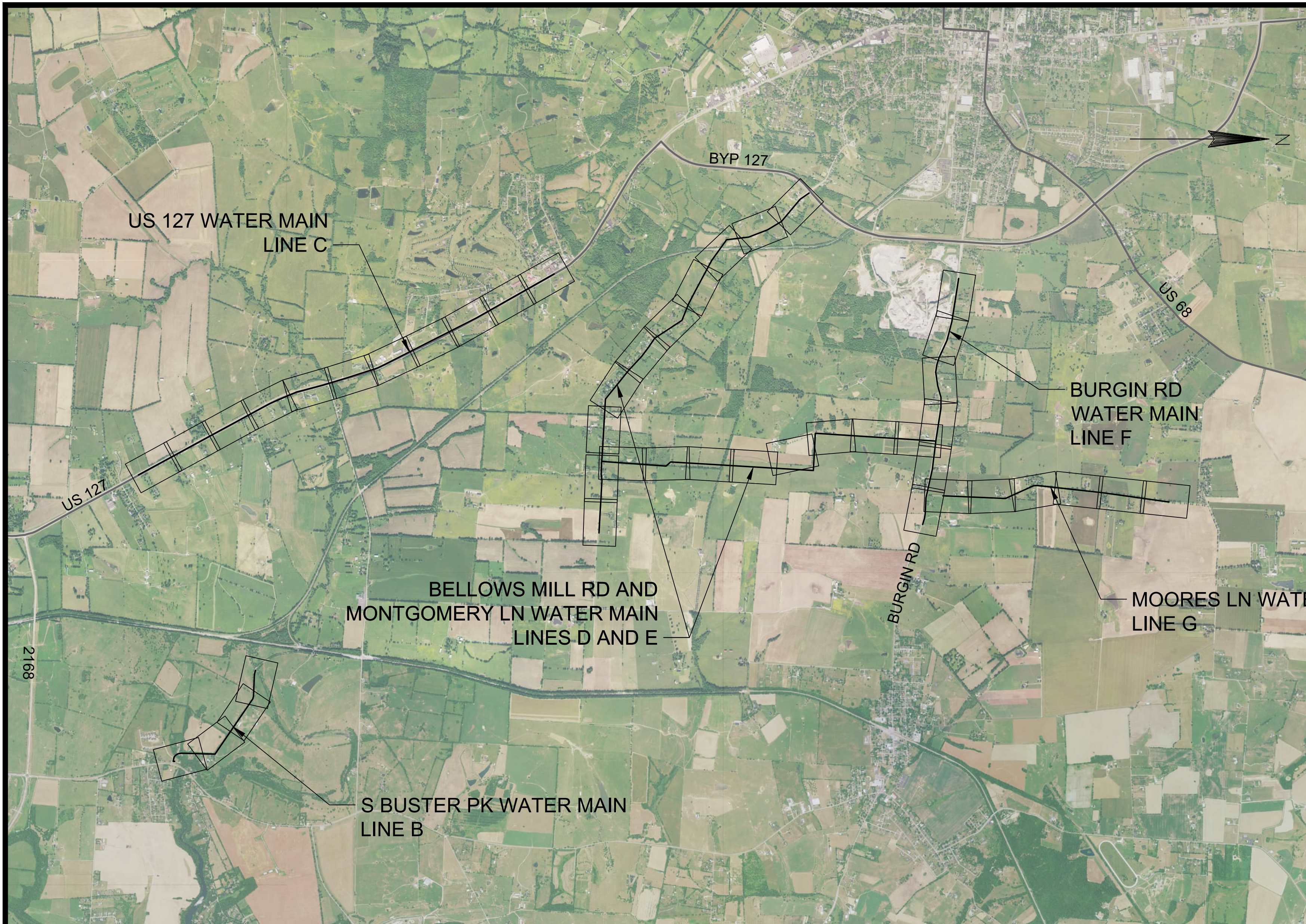
SHEET
1
G1.0



RIGHT OF WAY INFORMATION

ROAD	ROW WIDTH (FT)	MAINTAINED BY	SOURCE
US-127 (DANVILLE ROAD)	VARIES	KYTC	KYTC PROJECT PLAN ARCHIVE
KY-152 (BURGIN ROAD)	60	KYTC	KYTC PROJECT PLAN ARCHIVE
MOORES LANE	40	MERCER COUNTY ROAD DEPT.	MERCER COUNTY ROAD DEPT.
BELLOWS MILL ROAD	30	MERCER COUNTY ROAD DEPT.	MERCER COUNTY ROAD DEPT.
SOUTH BUSTER PIKE	32	BOYLE COUNTY ROAD DEPT.	BOYLE COUNTY ROAD DEPT.
MONTGOMERY LANE	N/A	PRIVATE	KYTC FUNCTIONAL CLASS MAP
WILDWOOD ROAD	N/A	PRIVATE	KYTC FUNCTIONAL CLASS MAP
SHAKERS LANDING ROAD	N/A	PRIVATE	KYTC FUNCTIONAL CLASS MAP
PALISADES LANE	N/A	PRIVATE	KYTC FUNCTIONAL CLASS MAP

MERCER COUNTY ROAD DEPARTMENT (859)734-6340
 KYTC DISTRICT 7 (859)246-2355
 BOYLE COUNTY ROAD DEPARTMENT (859)238-1132



SYMBOLS

	POWER POLE		APPROXIMATE LOCATION OF ROW
	FIRE HYDRANT		FENCE
	WATER VALVE (EXISTING)		UNDERGROUND ELECTRIC
	WATER VALVE (PROPOSED)		OVERHEAD UTILITY
	PLUG & BLOCKING		WATER LINE (EXISTING)
	REDUCER (EXISTING)		WATER LINE (PROPOSED)
	REDUCER (PROPOSED)		ABANDON EXISTING WATER MAIN IN PLACE
	PRESSURE REDUCING VALVE (PROPOSED)		GAS LINE
	WATER METER		MAJOR CONTOUR (EXISTING)
	DROP BOX INLET		MINOR CONTOUR (EXISTING)
	HEADWALL		STREAM
	BLOWOFF ASSEMBLY (EXISTING)		BLUE LINE STREAM
	BLOWOFF ASSEMBLY (PROPOSED)		GUARD RAIL
	AUTOMATIC AIR RELEASE ASSEMBLY (EXISTING)		
	AUTOMATIC AIR RELEASE ASSEMBLY (PROPOSED)		



DATE:	NO.	REVISIONS

INDEX, SYMBOLS AND RIGHT OF WAY INFORMATION
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177
PROJECT MGR.
 EAD



SHEET
 2
 G2.0



STATE OF KENTUCKY
 ELIZABETH A. DIENST
 27052
 LICENSED PROFESSIONAL ENGINEER
Elizabeth A. Dienst
 12-2-22

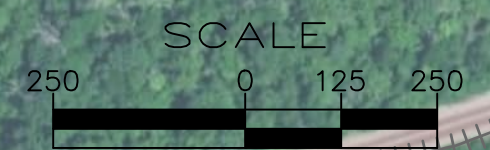
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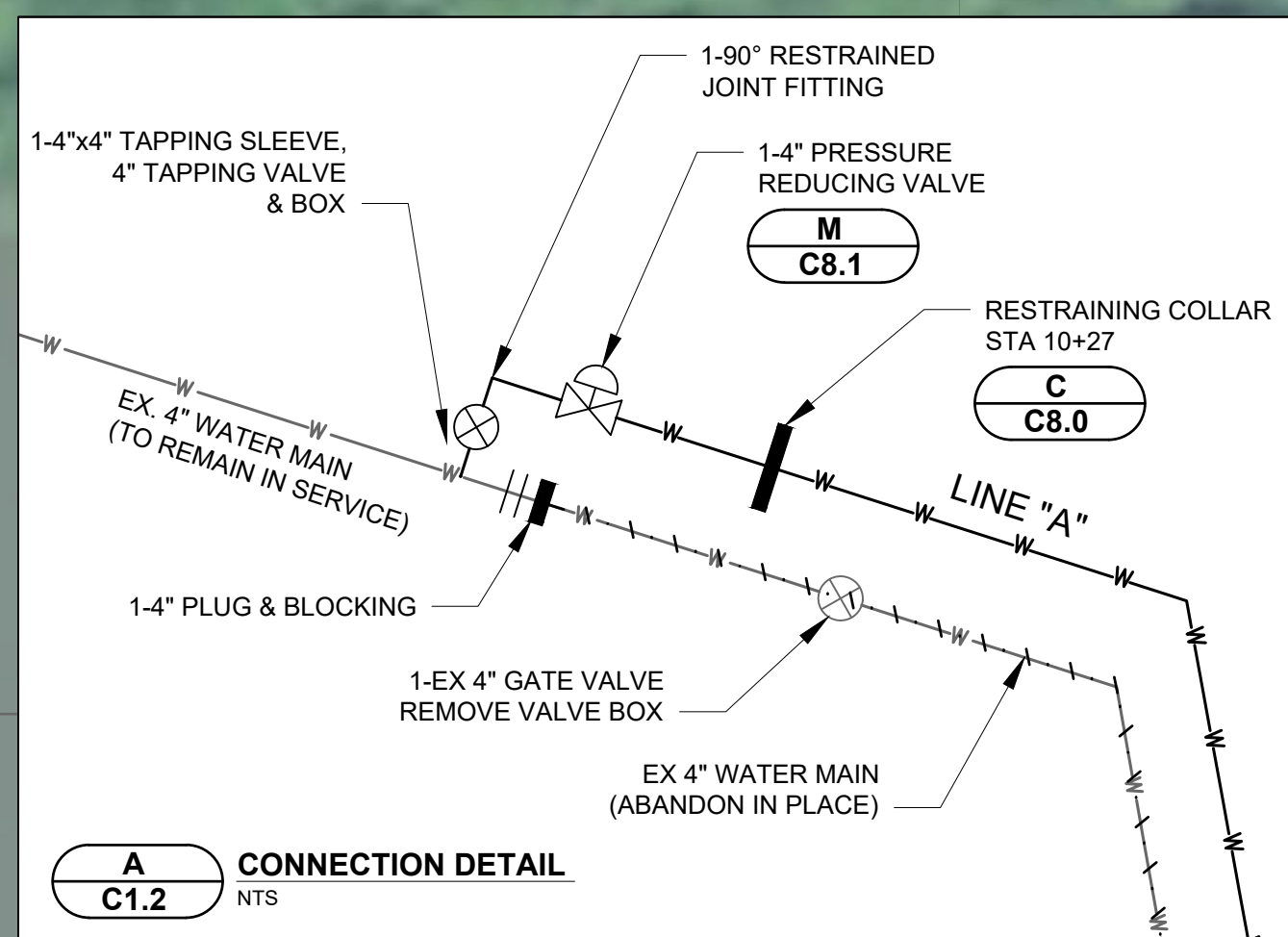
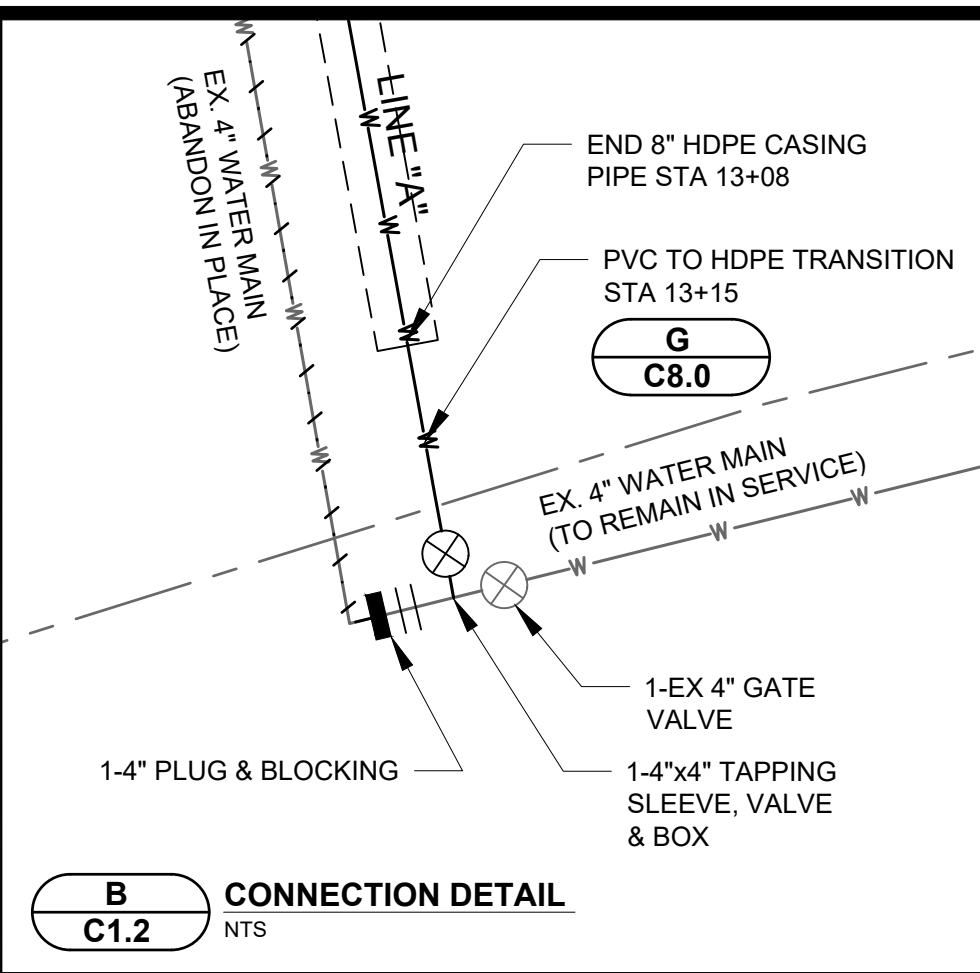
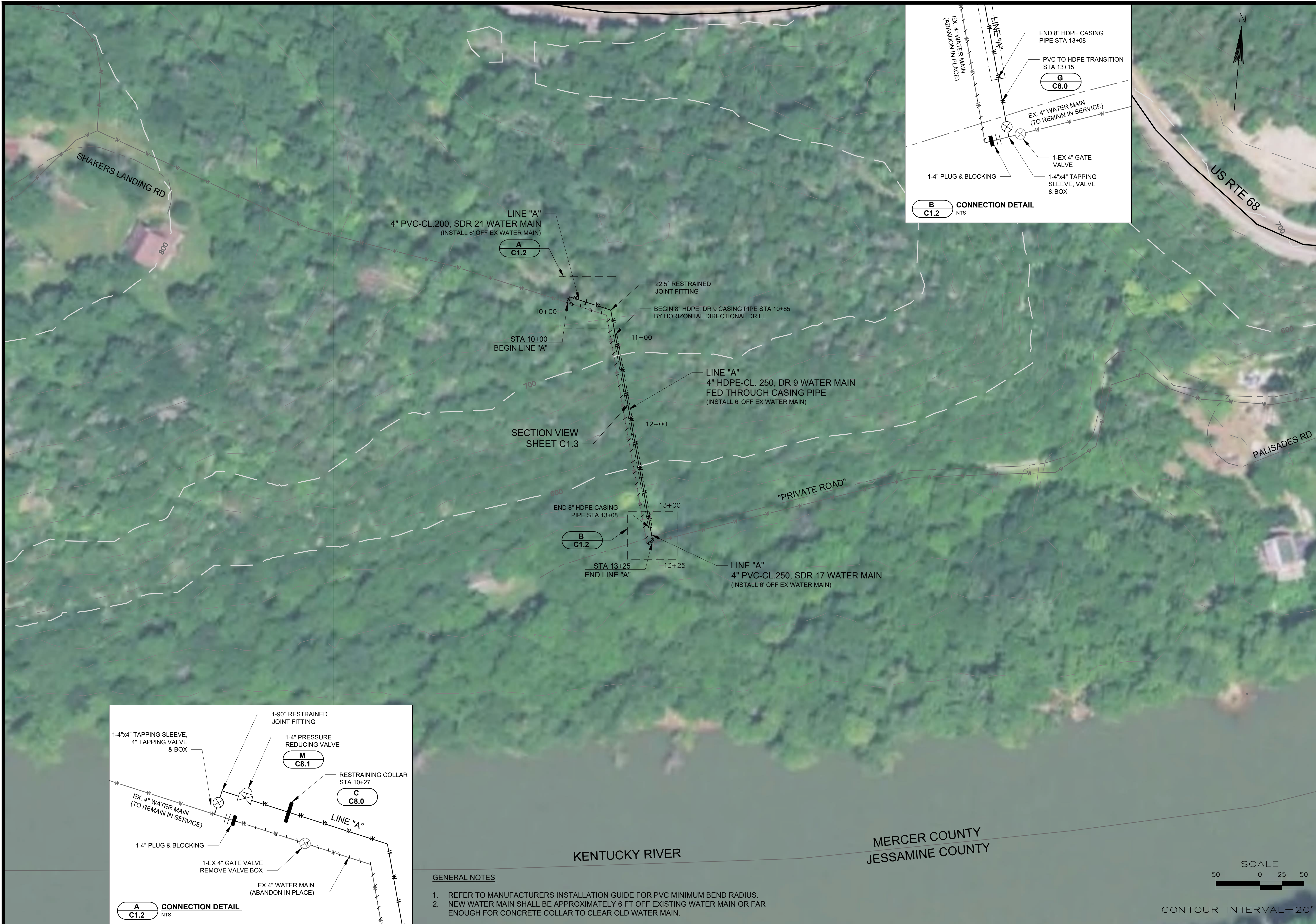
PALISADES WATER MAIN INDEX
LINE A
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177
PROJECT MGR.
 EAD



SHEET
 3
 C1.1





- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - NEW WATER MAIN SHALL BE APPROXIMATELY 6 FT OFF EXISTING WATER MAIN OR FAR ENOUGH FOR CONCRETE COLLAR TO CLEAR OLD WATER MAIN.



NO.	REVISIONS	DATE:

**PALISADES WATER MAIN PLAN LINE A
STA 10+00 TO STA 13+25**

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
4
C1.2



NO.	REVISIONS	DATE:

**SOUTH BUSTER PIKE WATER MAIN INDEX
LINE B**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

**JOB NO.
2360.177**

**PROJECT MGR.
EAD**



**SHEET
6
C2.1**



DATE:	
REVISIONS	
NO.	

**SOUTH BUSTER PIKE WATER MAIN PLAN LINE B
STA 10+00 TO STA 18+24**

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
7
C2.2



A
C2.2
CONNECTION DETAIL
NTS

- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINE B: 4 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 5 ON THE OPPOSITE SIDE.



DATE:	REVISIONS	NO.

**SOUTH BUSTER PIKE WATER MAIN PLAN LINE B
ST A18+24 TO STA 33+12**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

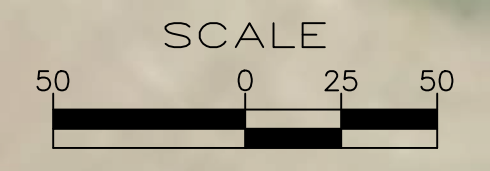
JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
8
C2.3

- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINE B: 4 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 5 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:

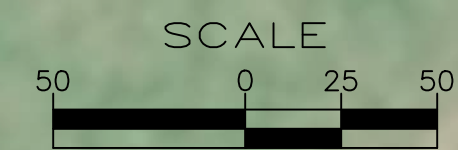
SOUTH BUSTER PIKE WATER MAIN PLAN LINE B
STA 33+12 TO 45+33
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
2360.177
PROJECT MGR.
EAD



SHEET
9
C2.4

- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINE B: 4 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 5 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:

**SOUTH BUSTER PIKE WATER MAIN PLAN LINE B
STA 45+33 TO STA 53+47**

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
10
C2.5

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE B: 4 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 5 ON THE OPPOSITE SIDE.





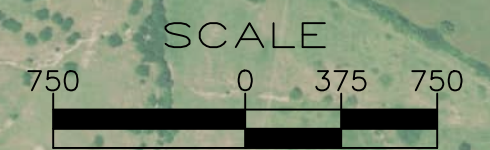
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US 127 WATER MAIN INDEX
LINE C
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177
PROJECT MGR.
 EAD



SHEET
 11
 C3.1





NO.	REVISIONS	DATE:

**US 127 WATER MAIN PLAN LINE C
STA 19+01 TO STA 33+01**

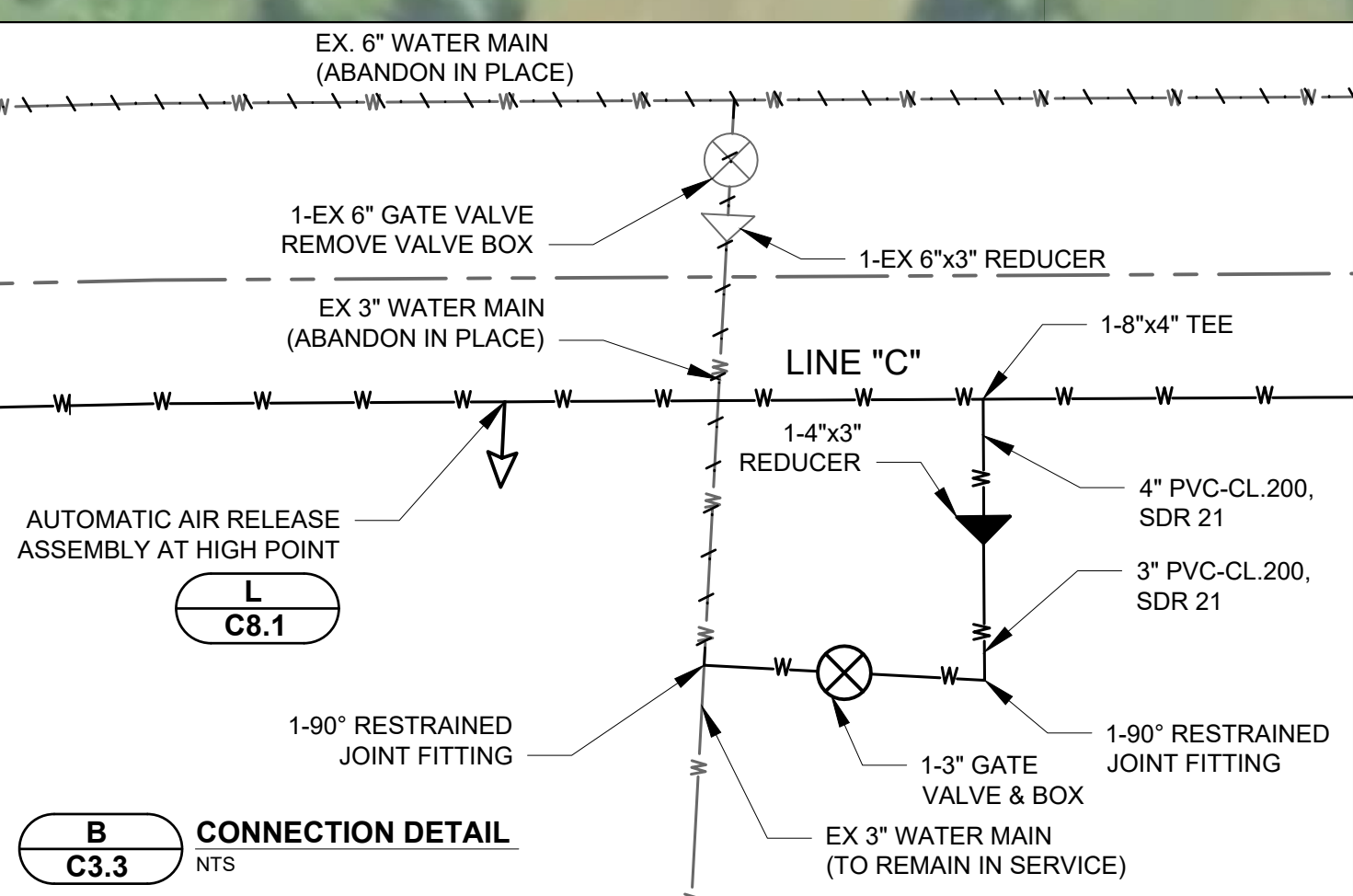
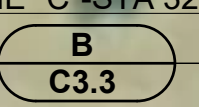
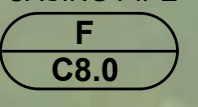
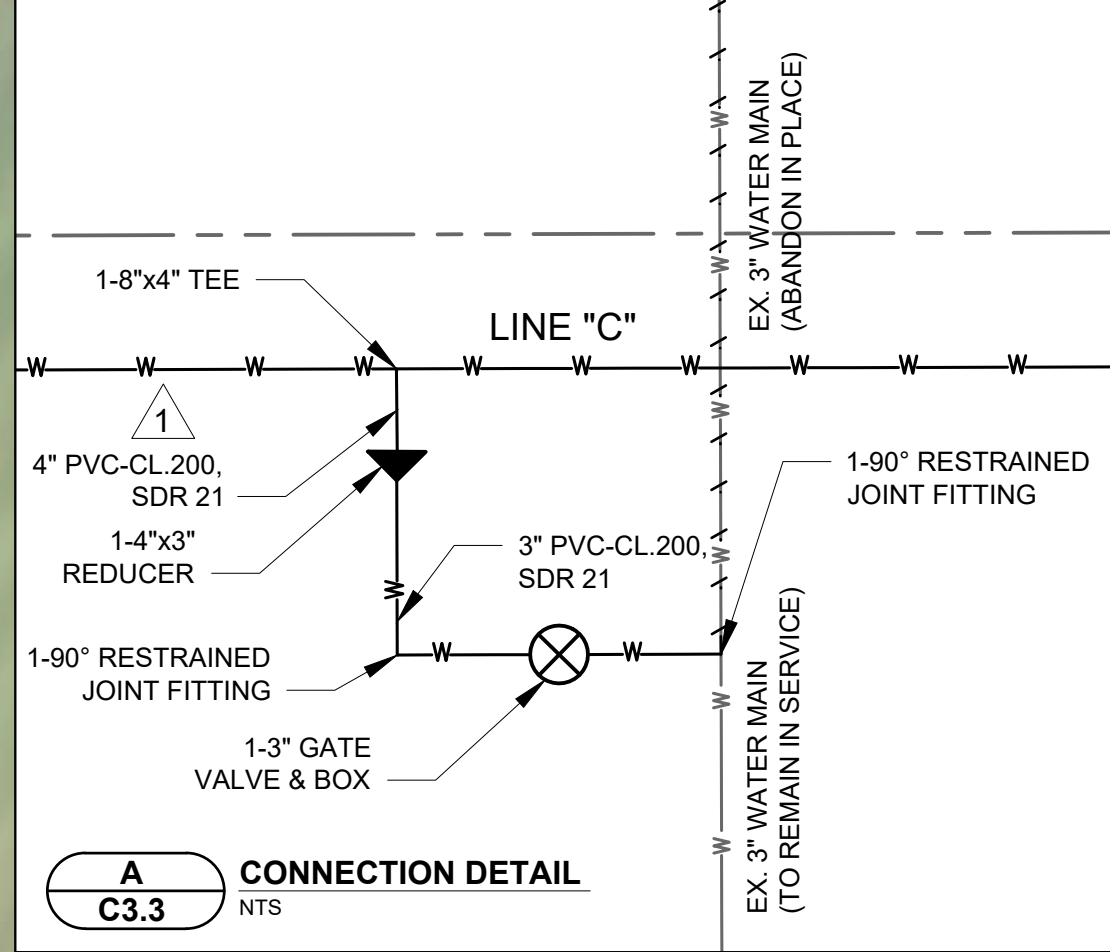
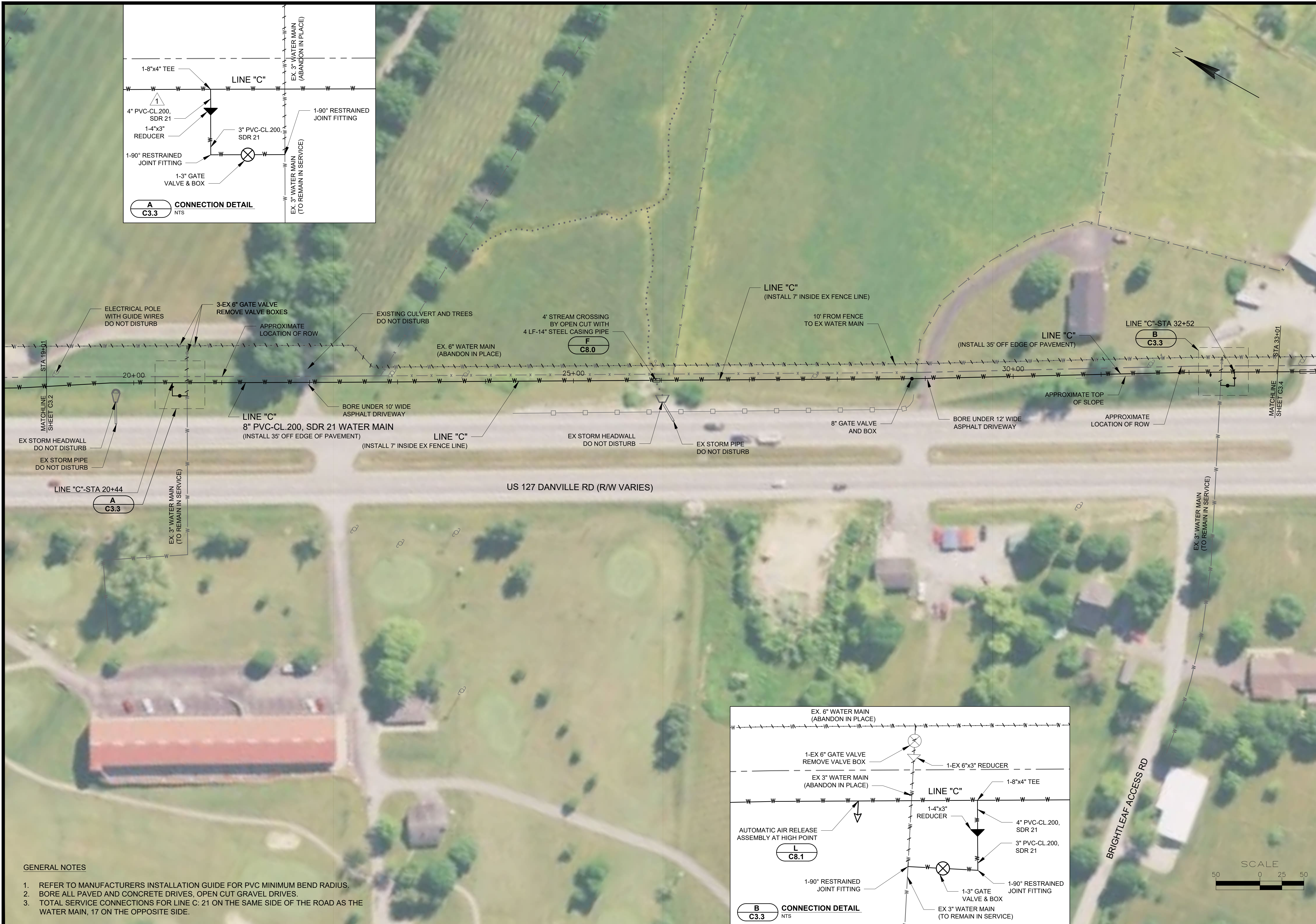
**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

**JOB NO.
2360.177**

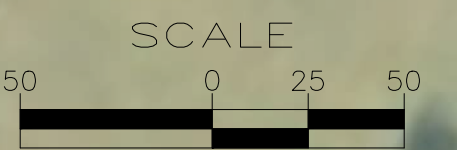
**PROJECT MGR.
EAD**



**SHEET
13
C3.3**

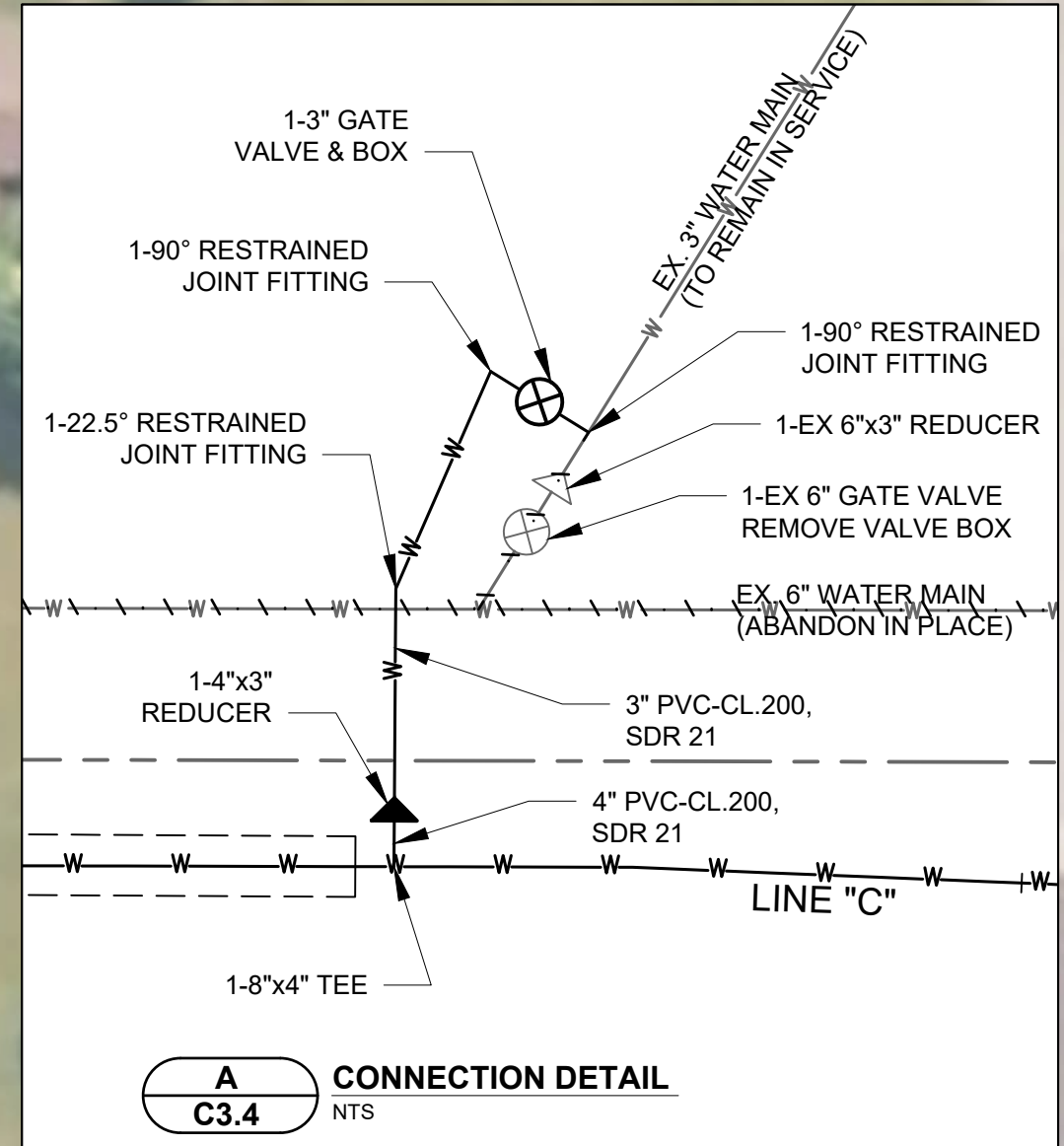
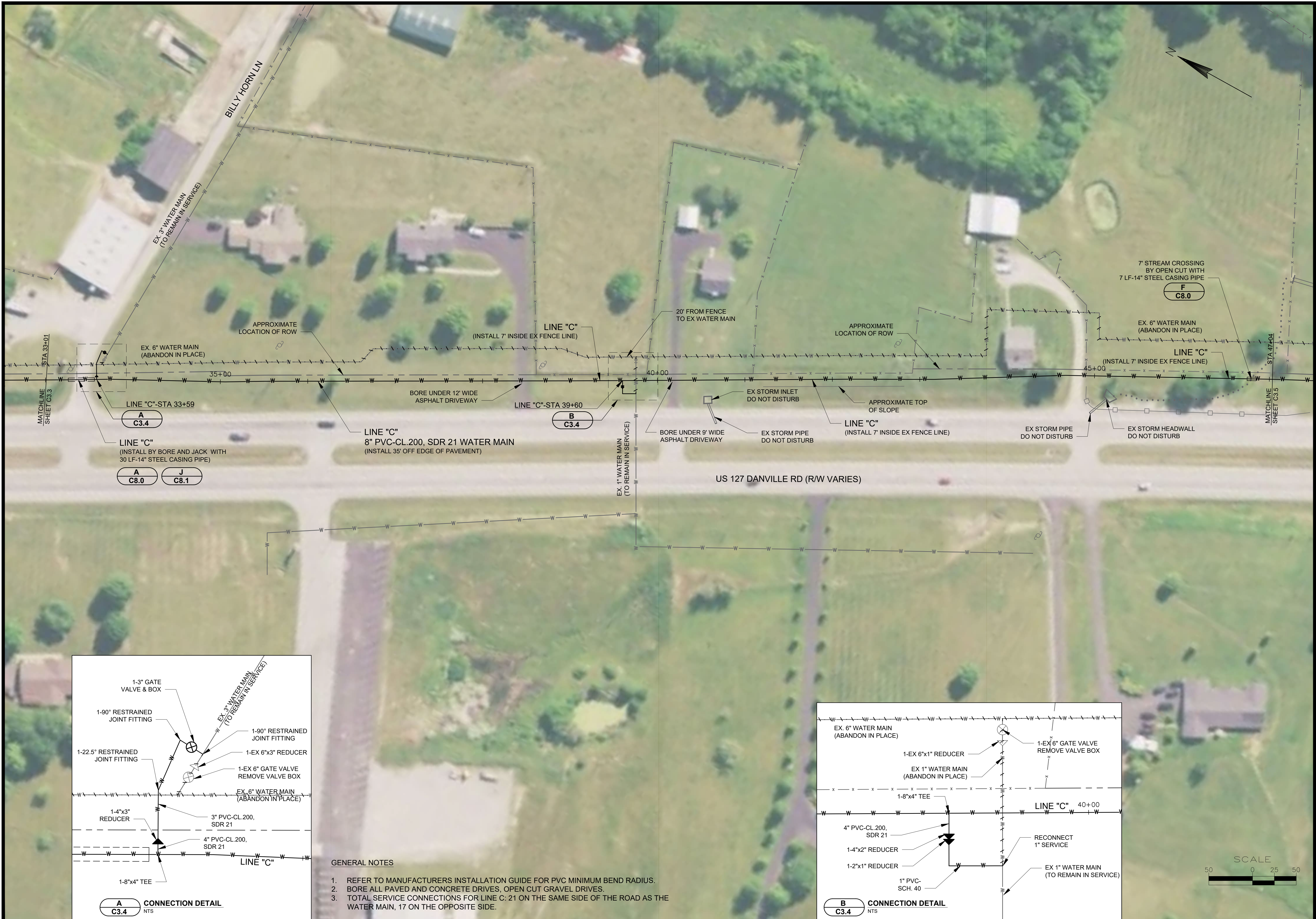


- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL PAVED AND CONCRETE DRIVES, OPEN CUT GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE C: 21 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 17 ON THE OPPOSITE SIDE.

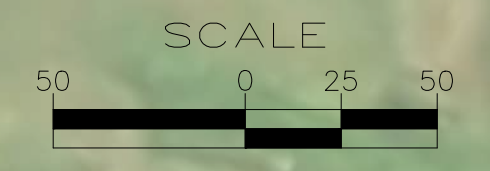
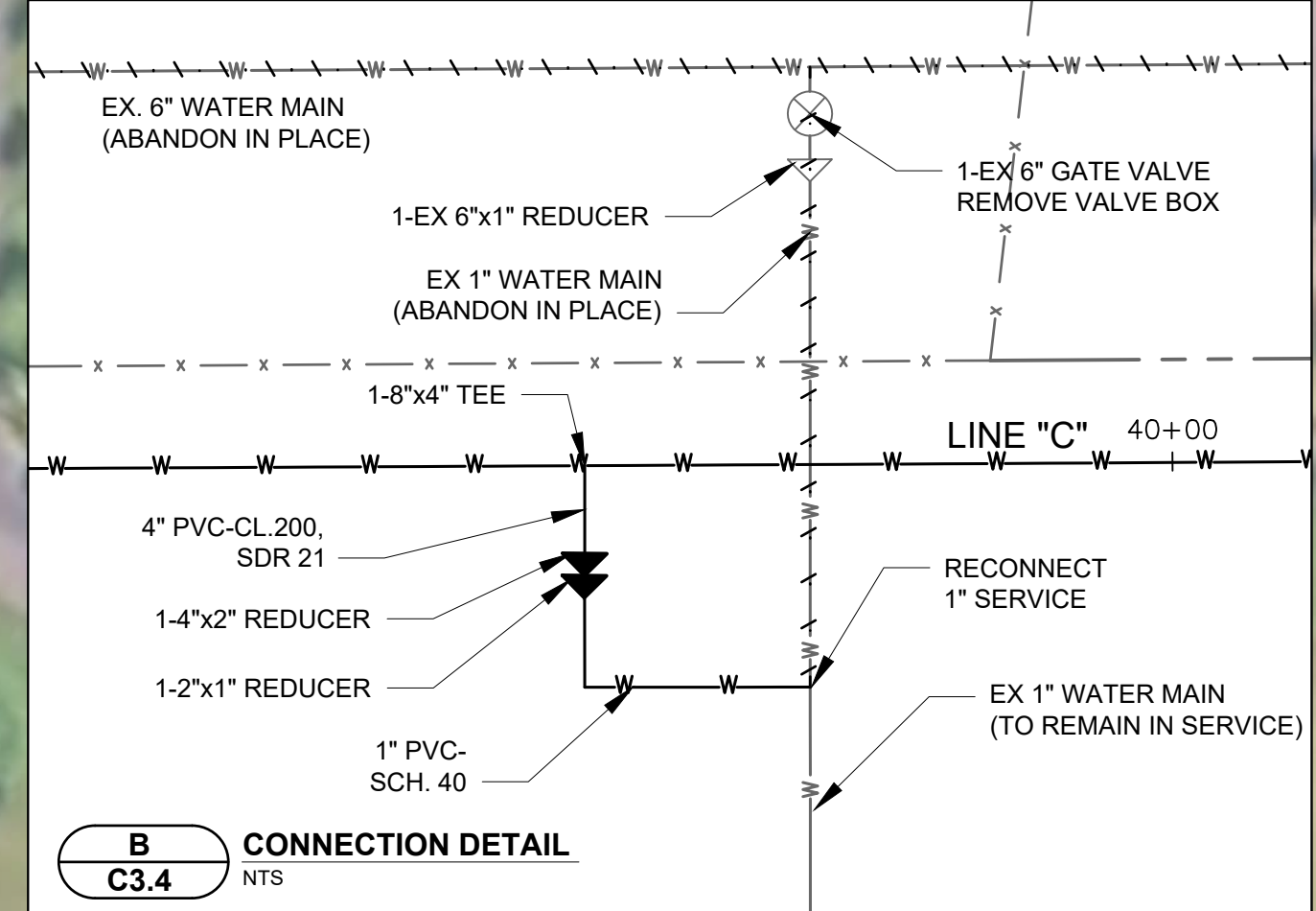




NO.	REVISIONS	DATE:



- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL PAVED AND CONCRETE DRIVES, OPEN CUT GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE C: 21 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 17 ON THE OPPOSITE SIDE.



US 127 WATER MAIN PLAN LINE C
STA 33+01 TO 47+04

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
14
C3.4



NO.	REVISIONS	DATE:

US 127 WATER MAIN PLAN LINE C
STA 47+04 TO 61+27

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

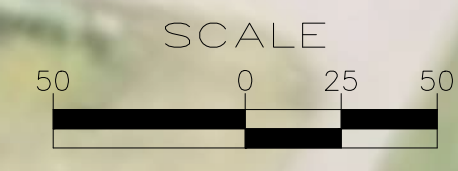
JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
15
C3.5

- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL PAVED AND CONCRETE DRIVES, OPEN CUT GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINE C: 21 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 17 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
 ELIZABETH A. DIENST
 27052
 LICENSED PROFESSIONAL ENGINEER
Elizabeth A. Dienst
 12-2-22

NO.	REVISIONS	DATE:

US 127 WATER MAIN PLAN LINE C
STA 61+27 TO STA 75+38

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

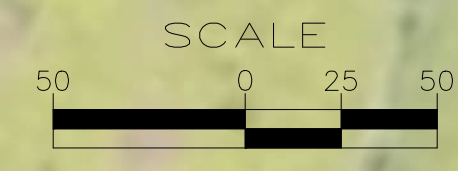
JOB NO.
 2360.177

PROJECT MGR.
 EAD



SHEET
 16
 C3.6

- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL PAVED AND CONCRETE DRIVES, OPEN CUT GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINE C: 21 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 17 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
 ELIZABETH A. DIENST
 27052
 LICENSED PROFESSIONAL ENGINEER
Elizabeth A. Dienst
 12-2-22

NO.	REVISIONS	DATE:

US 127 WATER MAIN PLAN LINE C
STA 75+38 TO 89+51

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177

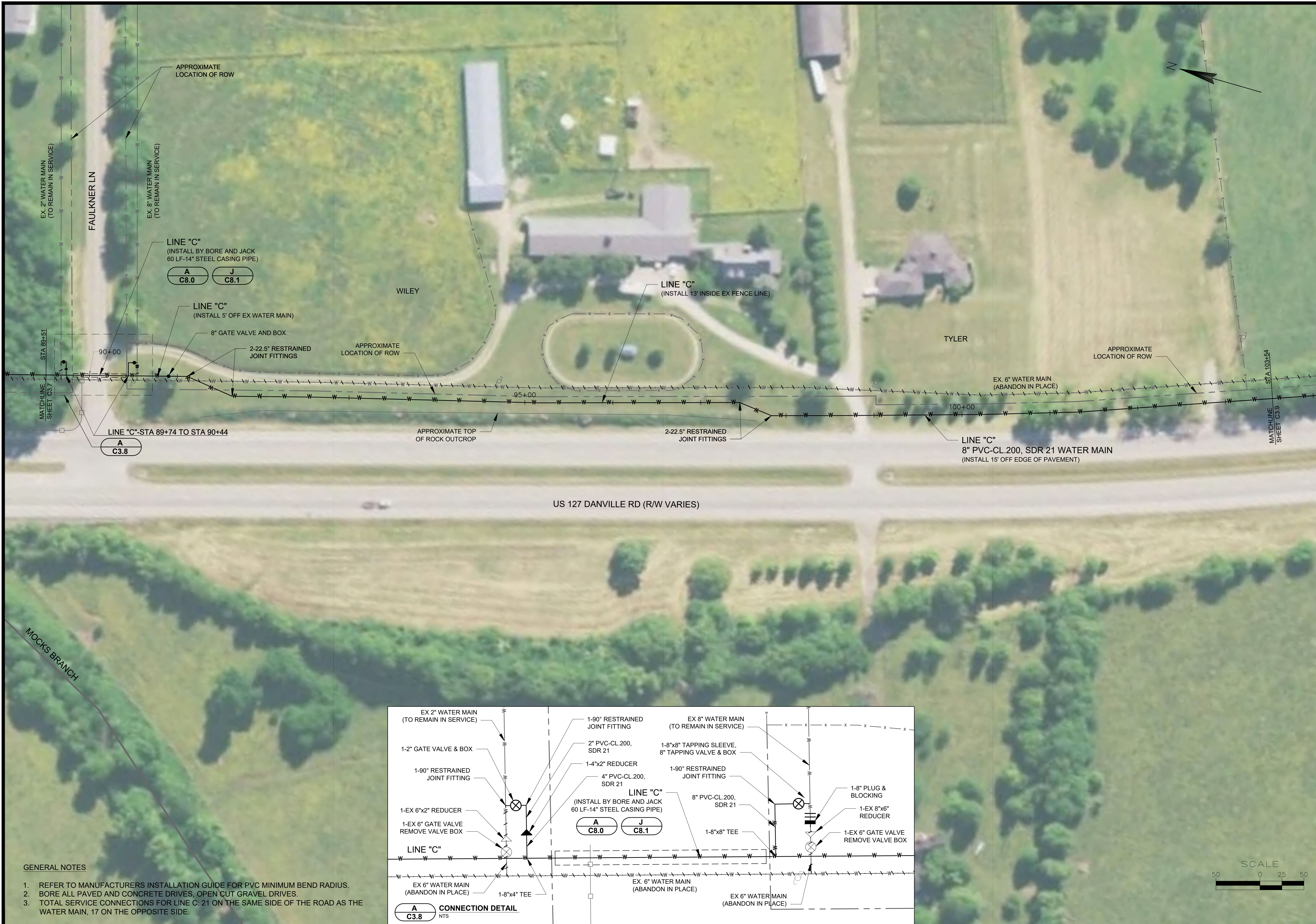
PROJECT MGR.
 EAD



SHEET
 17
 C3.7

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL PAVED AND CONCRETE DRIVES, OPEN CUT GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE C: 21 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 17 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:

US 127 WATER MAIN PLAN LINE C
STA 89+51 TO STA 103+54

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

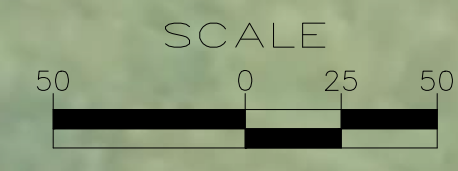
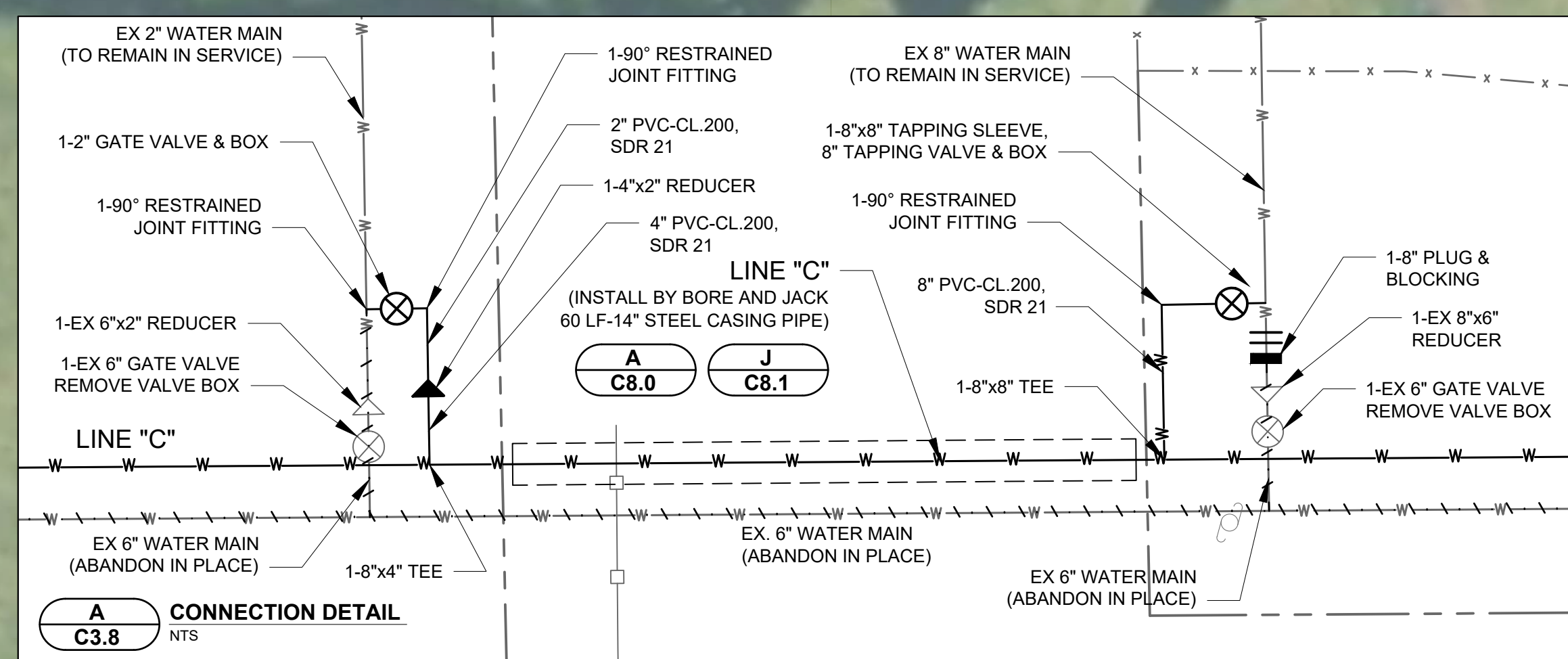
JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
18
C3.8

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL PAVED AND CONCRETE DRIVES, OPEN CUT GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE C: 21 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 17 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
 ELIZABETH A. DIENST
 27052
 LICENSED PROFESSIONAL ENGINEER
Elizabeth A. Dienst
 12-21-22

NO.	REVISIONS	DATE:

US 127 WATER MAIN PLAN LINE C
STA 103+54 TO STA 117+49

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

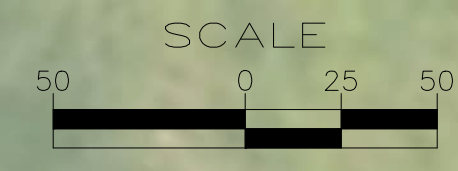
JOB NO.
 2360.177

PROJECT MGR.
 EAD



SHEET
 19
 C3.9

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL PAVED AND CONCRETE DRIVES, OPEN CUT GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE C: 21 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 17 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:

US 127 WATER MAIN PLAN LINE C
STA 117+49 TO STA 131+61

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

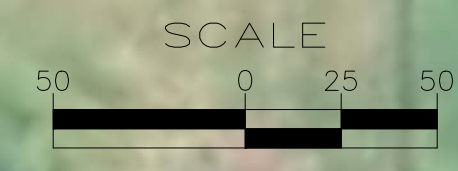
JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
20
C3.10

- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL PAVED AND CONCRETE DRIVES, OPEN CUT GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINE C: 21 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 17 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:



- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL PAVED AND CONCRETE DRIVES, OPEN CUT GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINE C: 21 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 17 ON THE OPPOSITE SIDE.



US 127 WATER MAIN PLAN LINE C
STA 131+61 TO STA 145+69

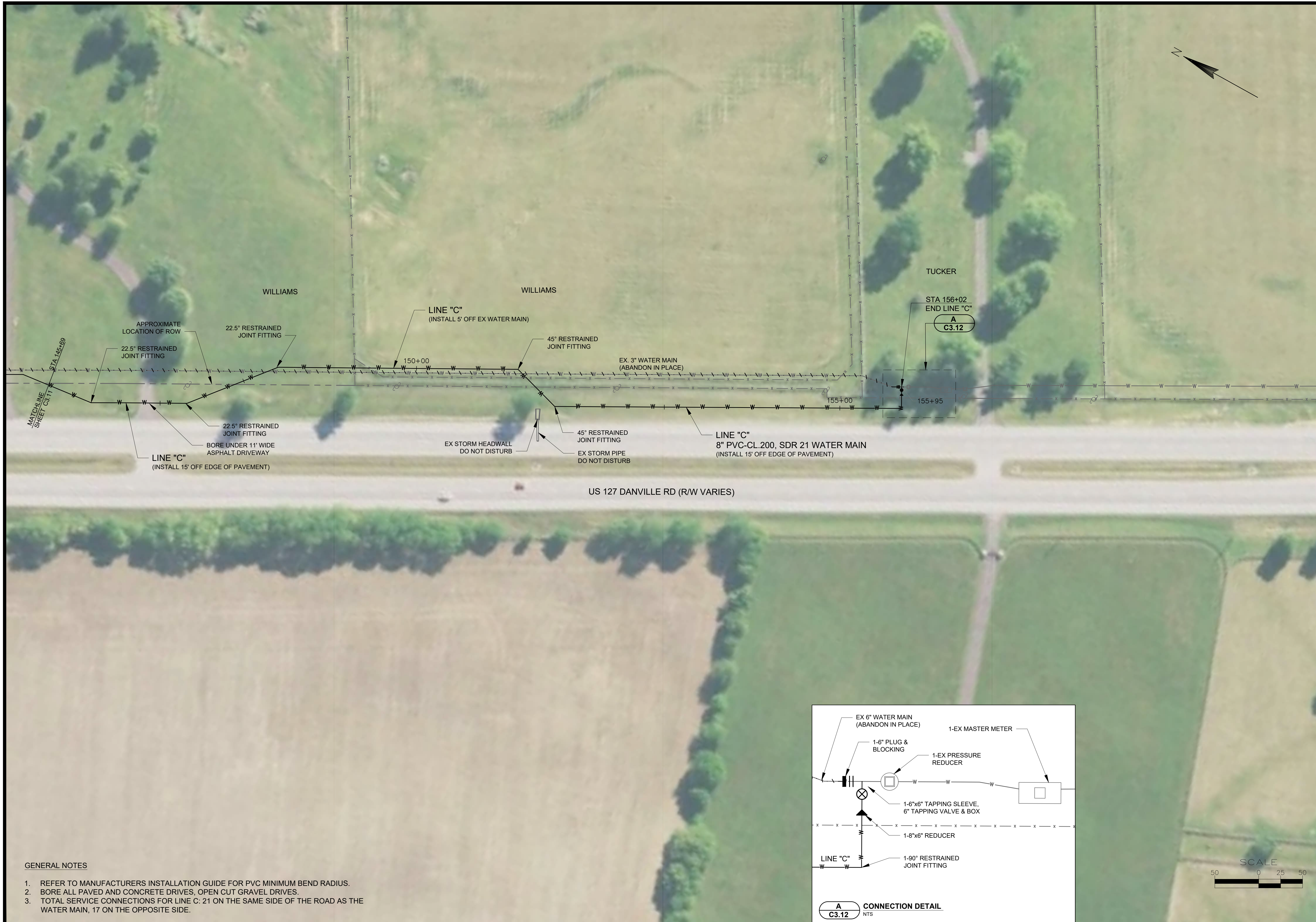
CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
21
C3.11



DATE:	
REVISIONS	
NO.	

US 127 WATER MAIN PLAN LINE C
STA 145+69 TO STA 156+02

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

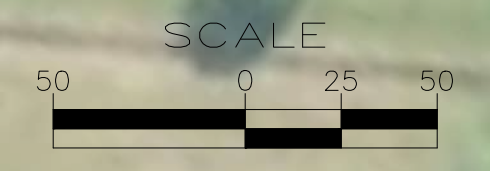
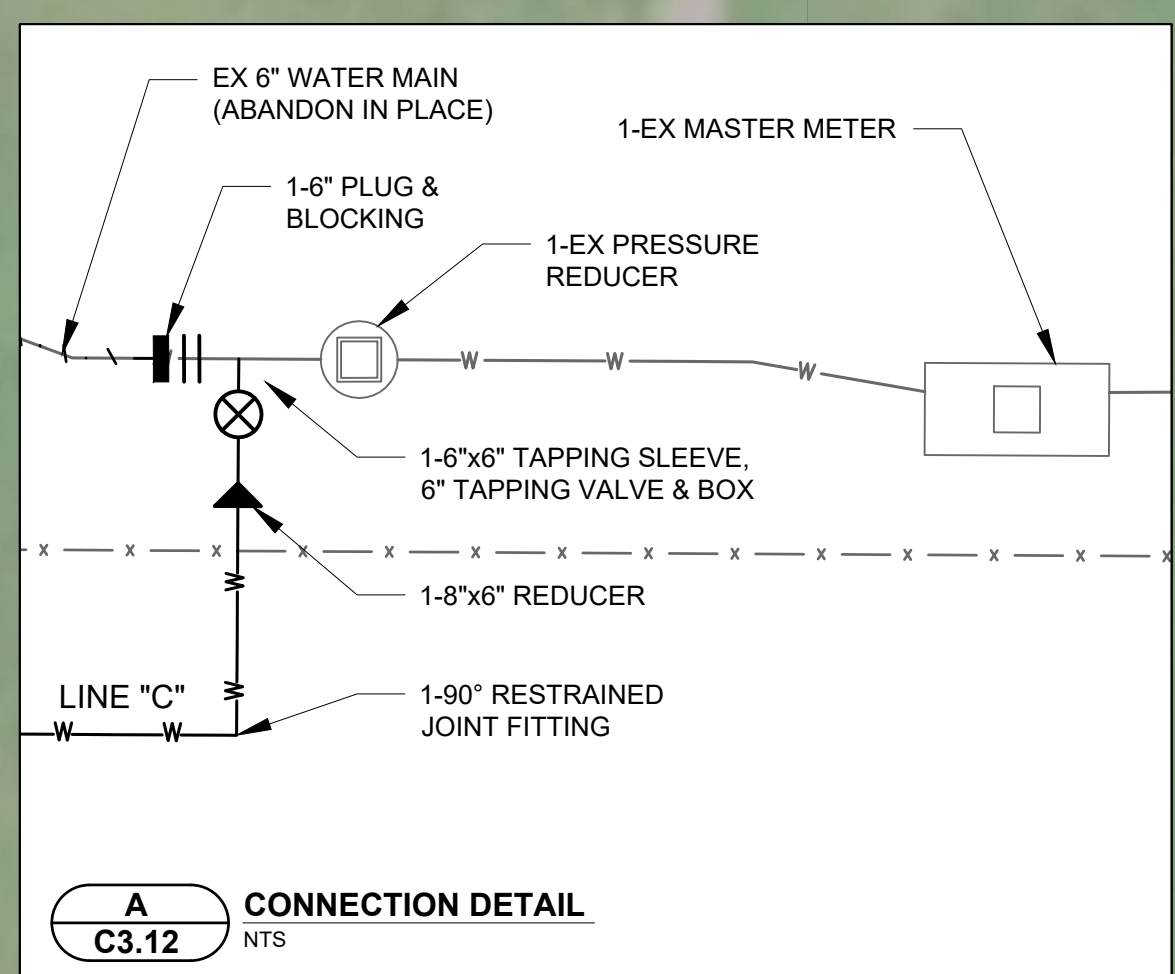
JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
22
C3.12

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL PAVED AND CONCRETE DRIVES, OPEN CUT GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE C: 21 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 17 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN INDEX
LINES D AND E**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
23
C4.1



NO.	REVISIONS	DATE

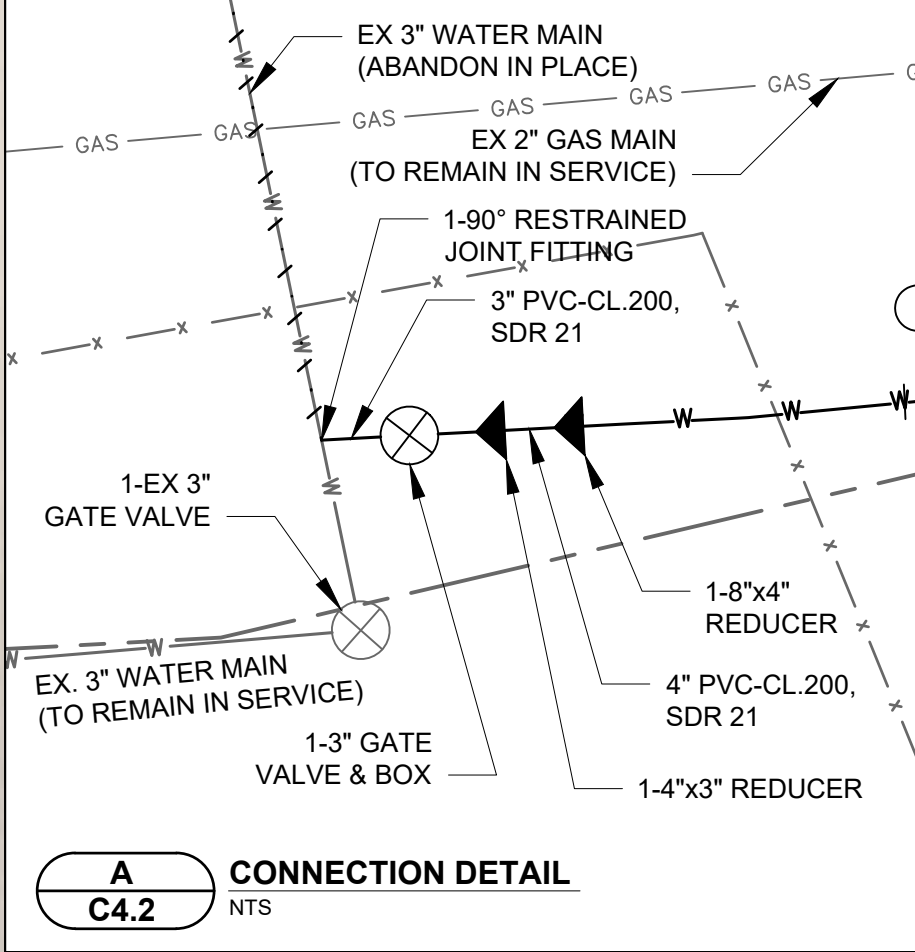
**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN PLAN LINE D
STA 10+00 TO STA 16+94**

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

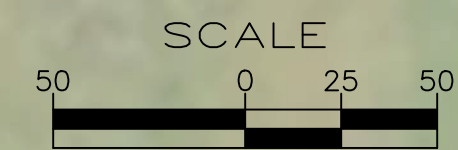
JOB NO.
2360.177
PROJECT MGR.
EAD



SHEET
24
C4.2



- GENERAL NOTES
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
 ELIZABETH A. DIENST
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 LICENSED PROFESSIONAL ENGINEER
Elizabeth A. Dienst
 12-2-22

NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
 WATER MAIN PLAN LINE D
 STA 16+94 TO STA 31+44**

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

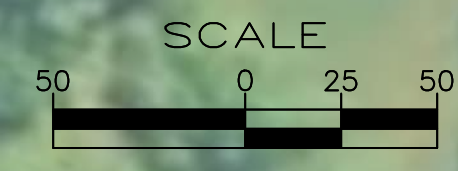
JOB NO.
 2360.177

PROJECT MGR.
 EAD



SHEET
 25
 C4.3

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





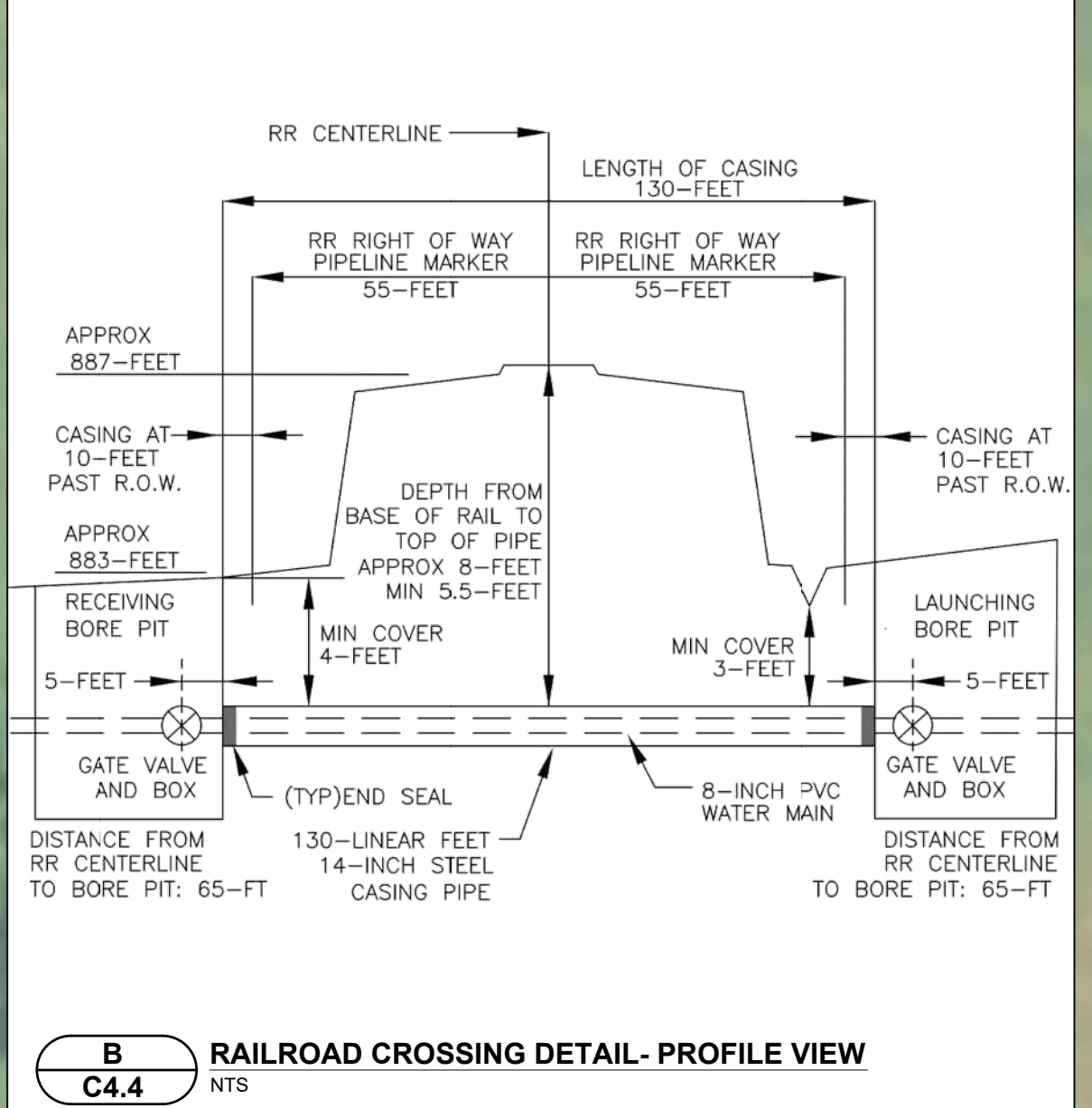
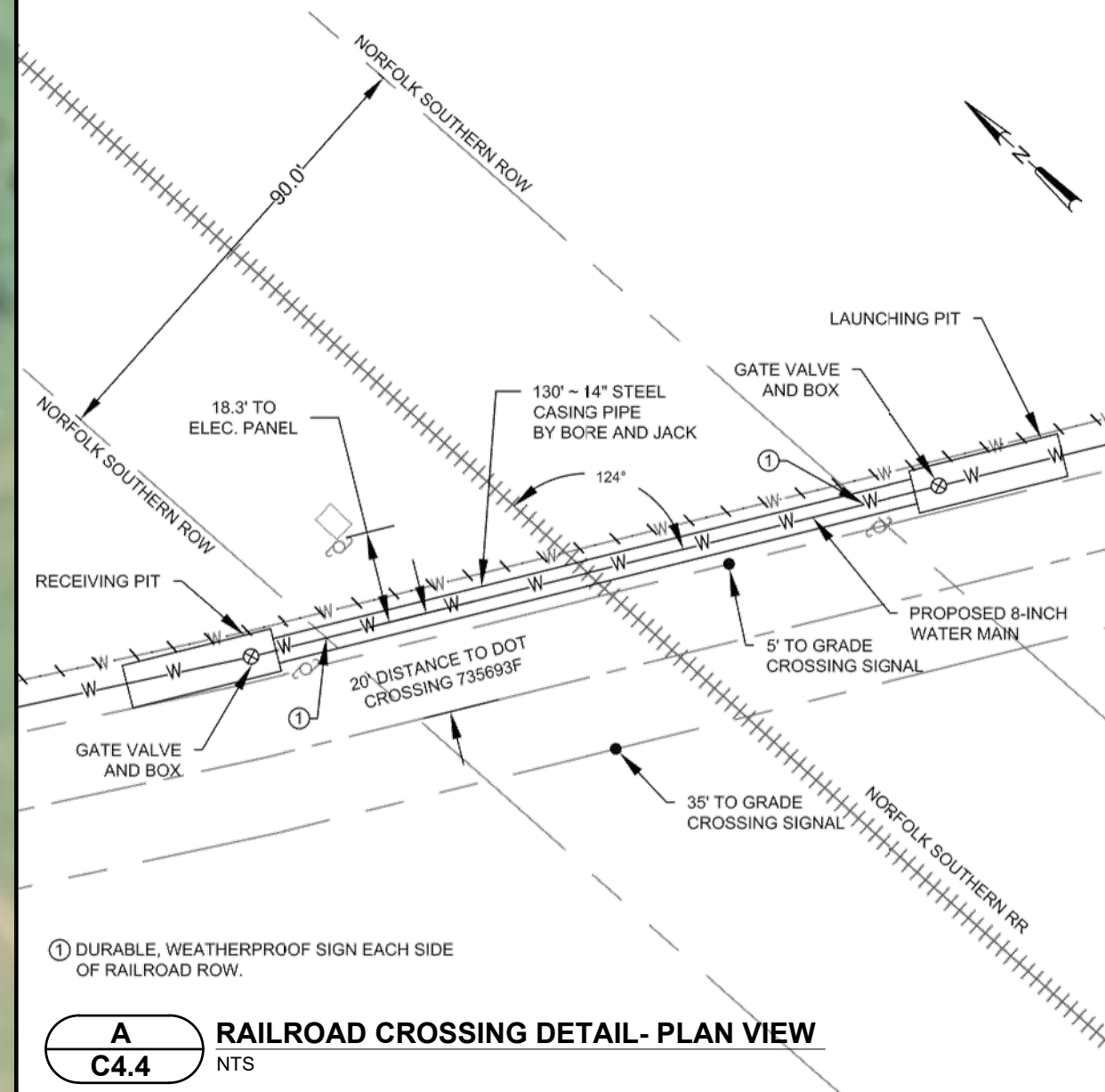
NO.	REVISIONS	DATE

**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN PLAN LINE D
STA 31+44 TO STA 46+41**
CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

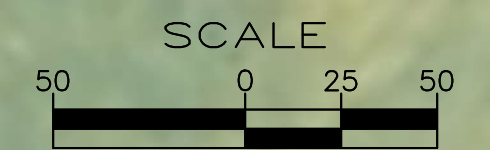
JOB NO.
2360.177
PROJECT MGR.
EAD



SHEET
26
C4.4



- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECIFICATIONS.
 3. PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCES.
 4. BLASTING NOT PERMITTED.
 5. ABANDONED PIPE MUST BE REMOVED OR COMPLETELY FILLED WITH CEMENT GROUT OR COMPACTED SAND WITHIN THE LIMITS OF THE NORFOLK SOUTHERN RIGHT-OF-WAY.
 6. BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 7. TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





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NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
 WATER MAIN PLAN LINE D
 STA 46+41 TO STA 60+42**
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177
PROJECT MGR.
 EAD



SHEET
 27
 C4.5

- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.



NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN PLAN LINE D
STA 60+42 TO STA 75+44**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

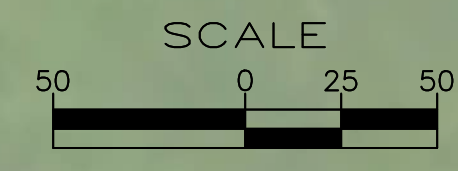
JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
28
C4.6

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN PLAN LINE D
STA 75+44 TO STA 89+48**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

**JOB NO.
2360.177**

**PROJECT MGR.
EAD**

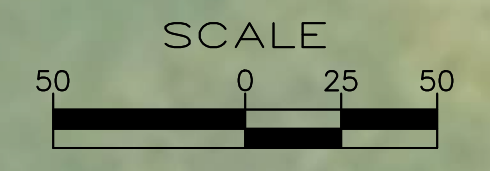


**SHEET
29
C4.7**



GENERAL NOTES

1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
2. BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
3. TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN PLAN LINE D
STA 103+92 TO STA 117+97**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
31
C4.9

- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN PLAN LINE D
STA 119+67 TO 133+69**

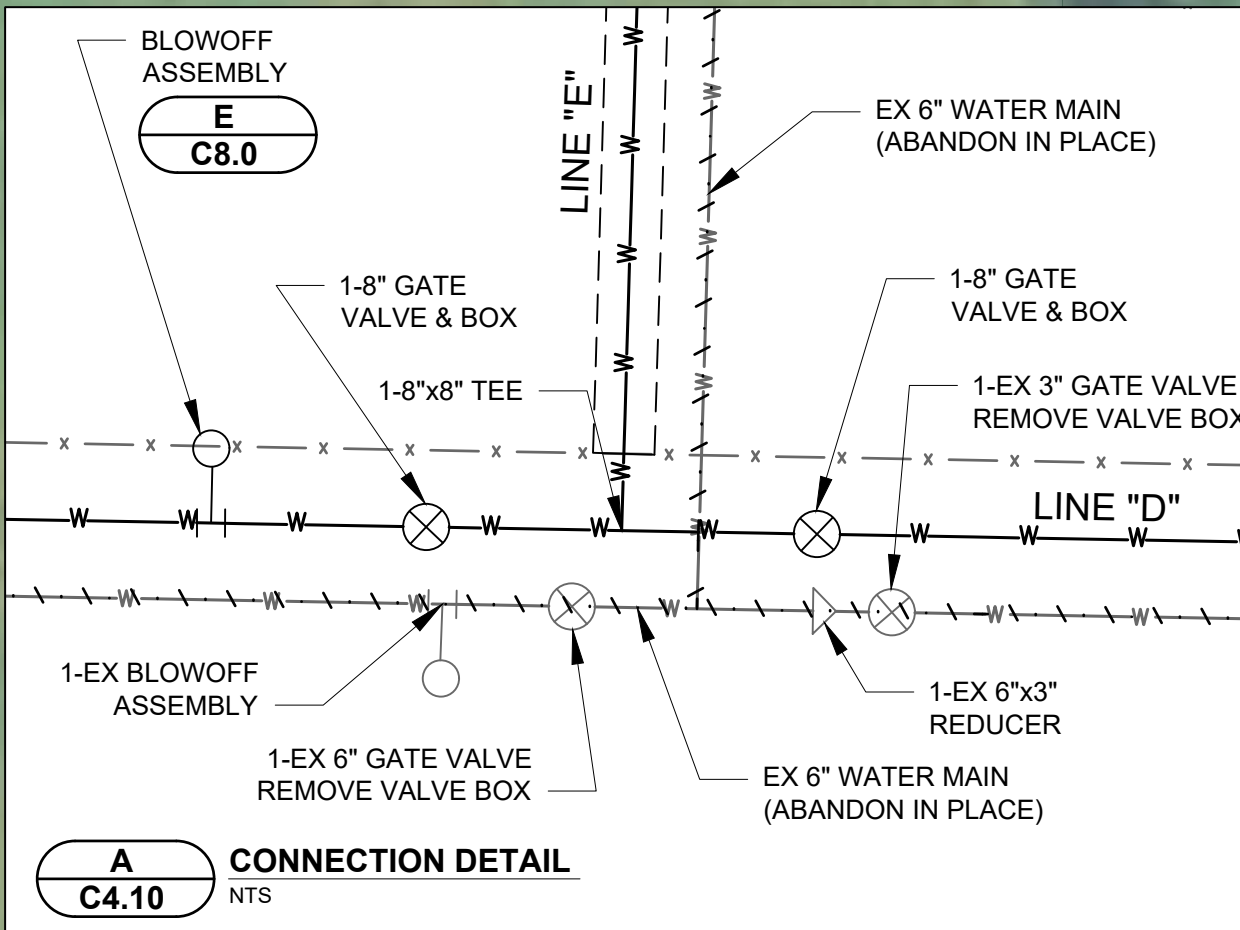
CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
32
C4.10



- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE

**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN PLAN LINE D
STA 133+69 TO STA 147+10**

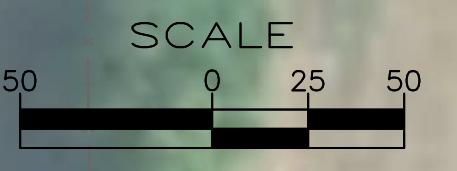
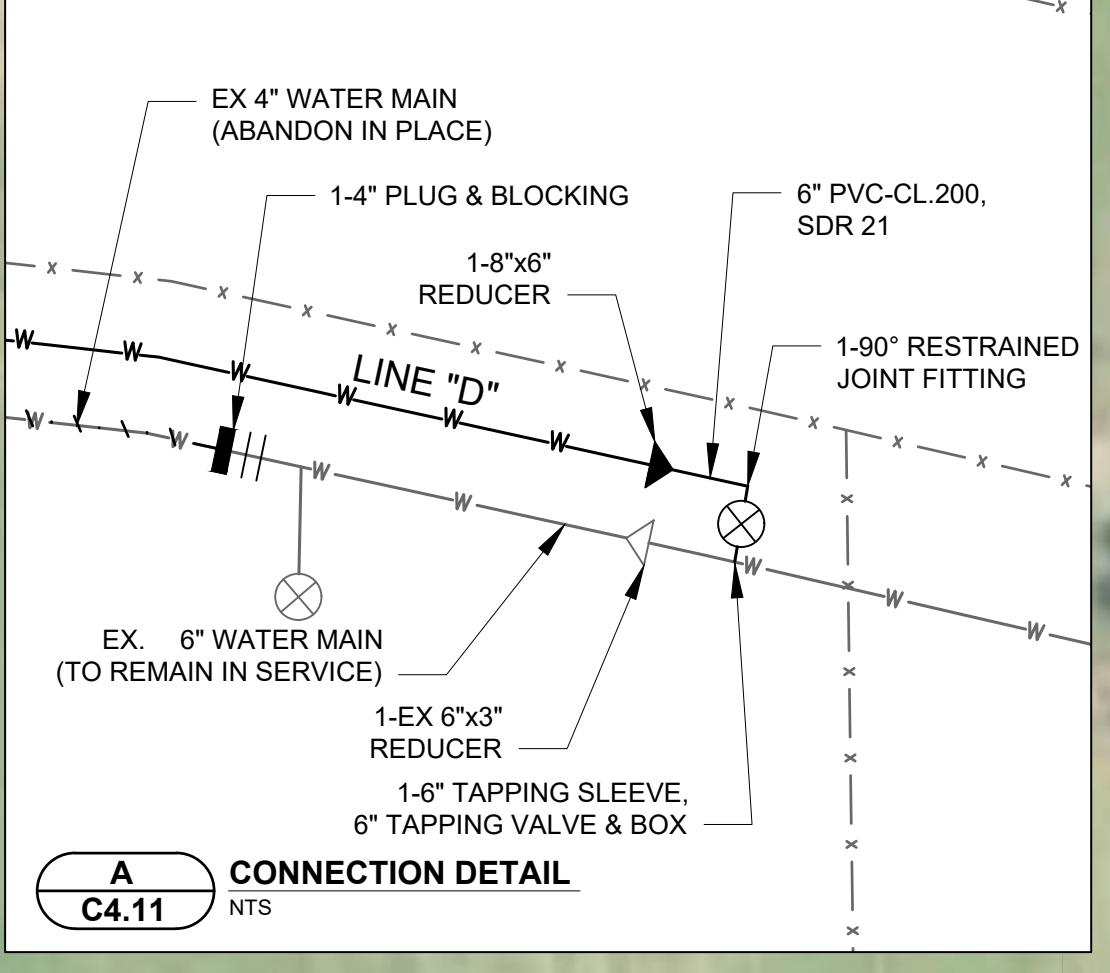
**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

**JOB NO.
2360.177**

**PROJECT MGR.
EAD**



**SHEET
33
C4.11**



- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.



STATE OF KENTUCKY
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Elizabeth A. Dienst
 12-2-22

NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
 WATER MAIN PLAN LINES D AND E
 STA 117+97 TO STA 119+67 LINE D
 STA 10+00 TO STA 23+74 LINE E
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY**

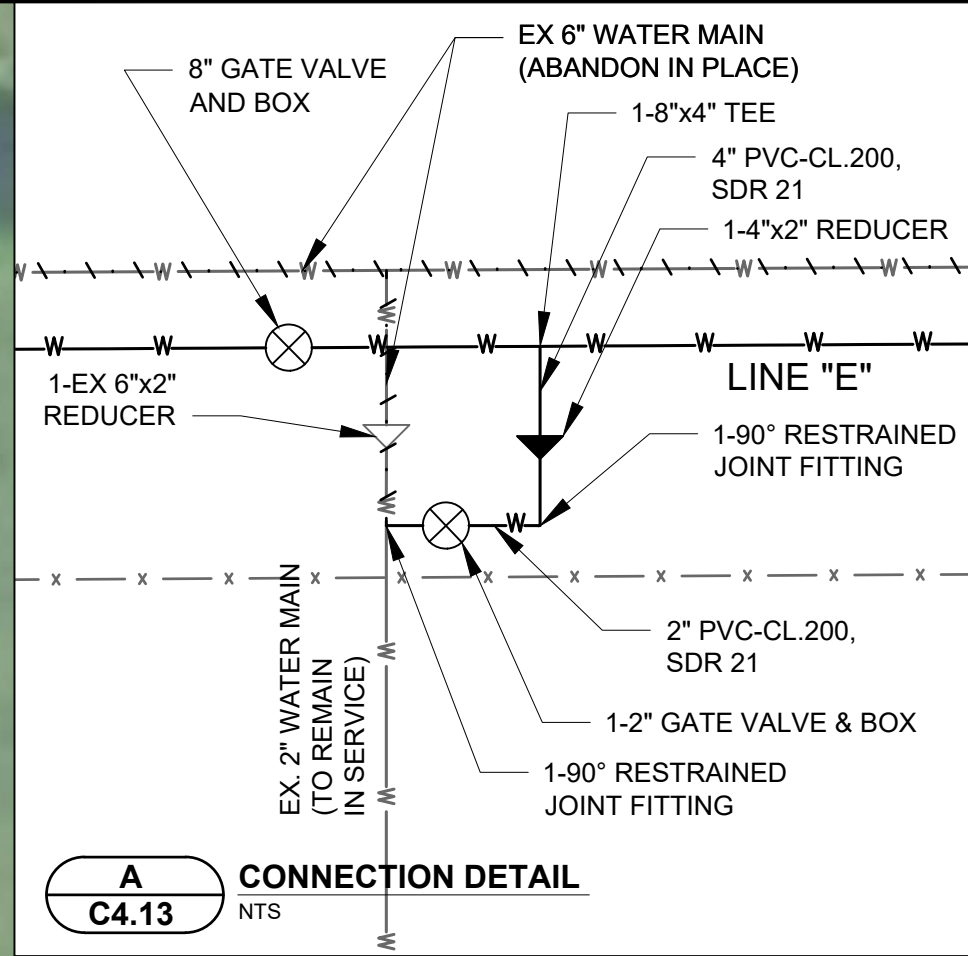
JOB NO.
 2360.177
PROJECT MGR.
 EAD



SHEET
 34
 C4.12

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





DATE:	NO.	REVISIONS



**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN PLAN LINE E
STA 23+74 TO STA 38+02**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
35
C4.13

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
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 12-2-22

NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
 WATER MAIN PLAN LINE E
 STA 38+02 TO STA 54+35**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY**

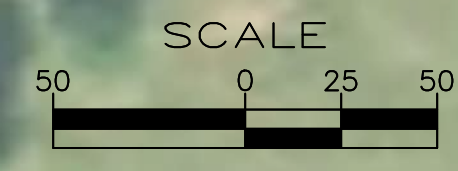
JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
36
C4.14

- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
 WATER MAIN PLAN LINE E
 STA 54+35 TO STA 67+75**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY**

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
37
C4.15

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
 ELIZABETH A. DIENST
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 12-2-22

NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
 WATER MAIN PLAN LINE E
 STA 67+75 TO STA 84+00**

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

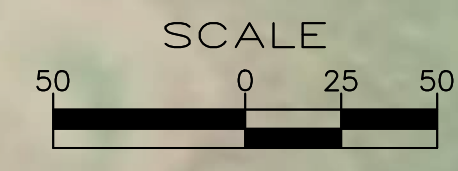
JOB NO.
 2360.177

PROJECT MGR.
 EAD



SHEET
 38
 C4.16

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.





NO.	REVISIONS	DATE:

**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN PLAN LINE E
STA 102+52 TO STA 116+50**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

JOB NO.
2360.177

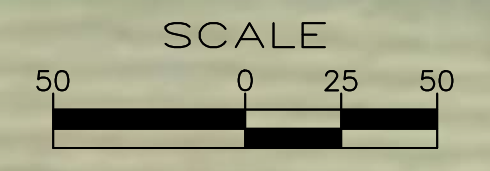
PROJECT MGR.
EAD



SHEET
40
C4.18

GENERAL NOTES

- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
- BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
- TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.



GENERAL NOTES

1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
2. BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
3. TOTAL SERVICE CONNECTIONS FOR LINES D AND E: 41 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 26 ON THE OPPOSITE SIDE.



NO.	REVISIONS	DATE:



**BELLOWS MILL ROAD AND MONTGOMERY LANE
WATER MAIN PLAN LINE E
STA 116+50 TO STA 133+38**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

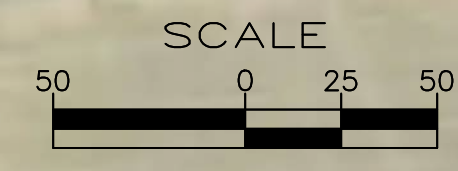
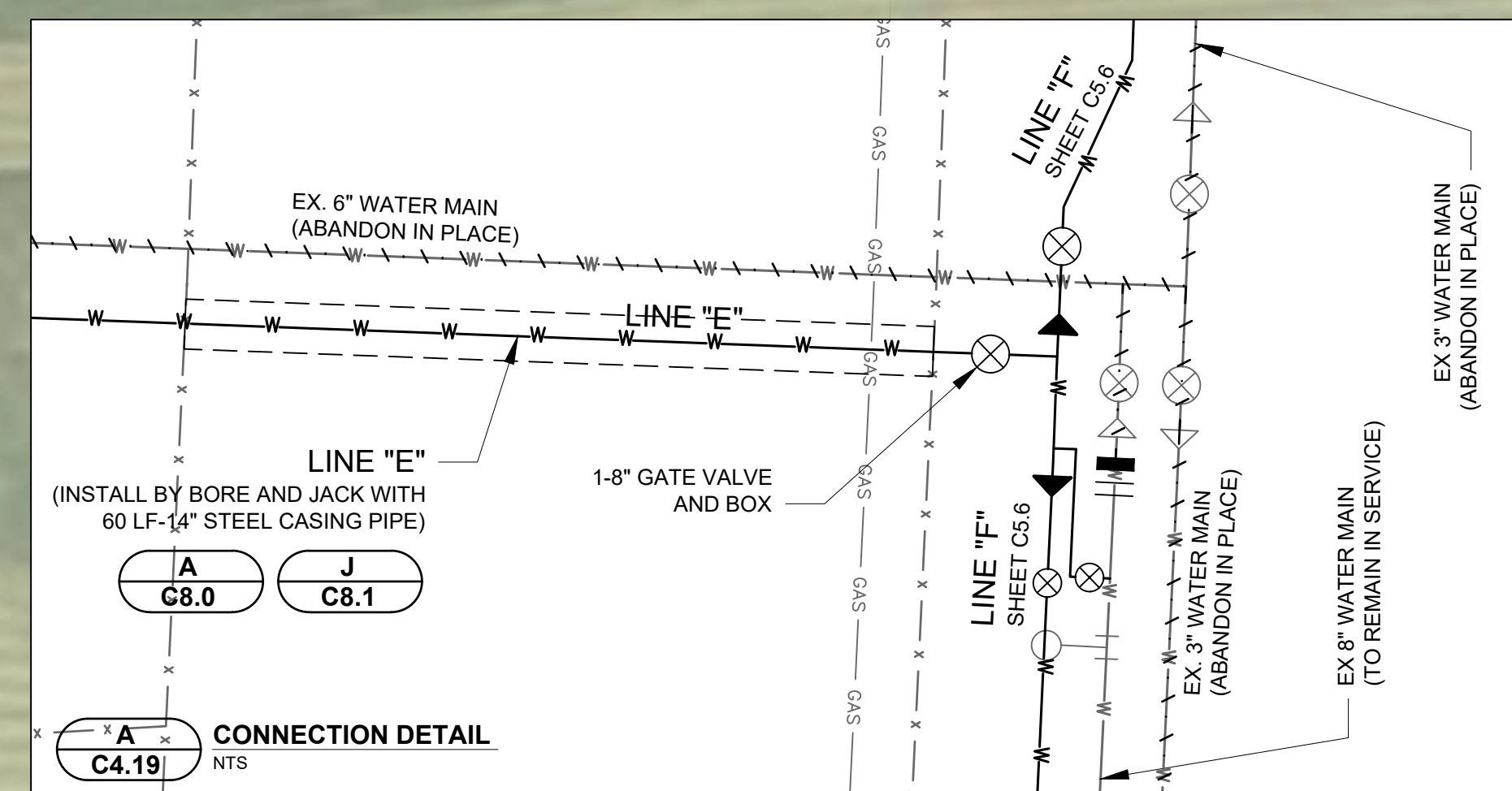
**JOB NO.
2360.177**

**PROJECT MGR.
EAD**



**SHEET
41
C4.19**

SEE SHEET C5.6 FOR LINE F CONNECTION DETAIL





STATE OF KENTUCKY
 ELIZABETH A. DIENST
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Elizabeth A. Dienst
 12-21-22

NO.	REVISIONS	DATE:

BURGIN ROAD WATER MAIN INDEX
LINE F
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177
PROJECT MGR.
 EAD



SHEET
 42
 C5.1



STATE OF KENTUCKY
 ELIZABETH A. DIENST
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Elizabeth A. Dienst
 12-21-22

NO.	REVISIONS	DATE:

BURGIN ROAD WATER MAIN PLAN LINE F
STA 10+00 TO STA 15+98

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177

PROJECT MGR.
 EAD



SHEET
 43
 C5.2

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE F: 15 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 12 ON THE OPPOSITE SIDE.



NO.	REVISIONS	DATE:

**BURGIN ROAD WATER MAIN PLAN LINE F
STA 15+98 TO STA 30+05**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

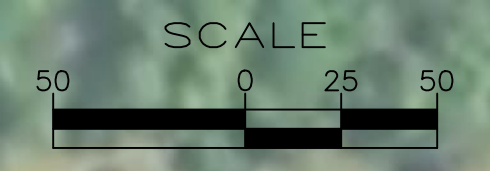
JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
44
C5.3

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE F: 15 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 12 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
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 12-2-22

NO.	REVISIONS	DATE:

BURGIN ROAD WATER MAIN PLAN LINE F
STA 30+05 TO STA 44+22

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177

PROJECT MGR.
 EAD



SHEET
 45
 C5.4

- GENERAL NOTES**
1. REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 2. BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 3. TOTAL SERVICE CONNECTIONS FOR LINE F: 15 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 12 ON THE OPPOSITE SIDE.



NO.	REVISIONS	DATE:

**BURGIN ROAD WATER MAIN PLAN LINE F
STA 44+22 TO STA 58+28**

**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

**JOB NO.
2360.177**

**PROJECT MGR.
EAD**



**SHEET
46
C5.5**

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE F: 15 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 12 ON THE OPPOSITE SIDE.



DATE:	
REVISIONS	
NO.	

**BURGIN ROAD WATER MAIN PLAN LINE F
STA 58+28 TO STA 72+32**

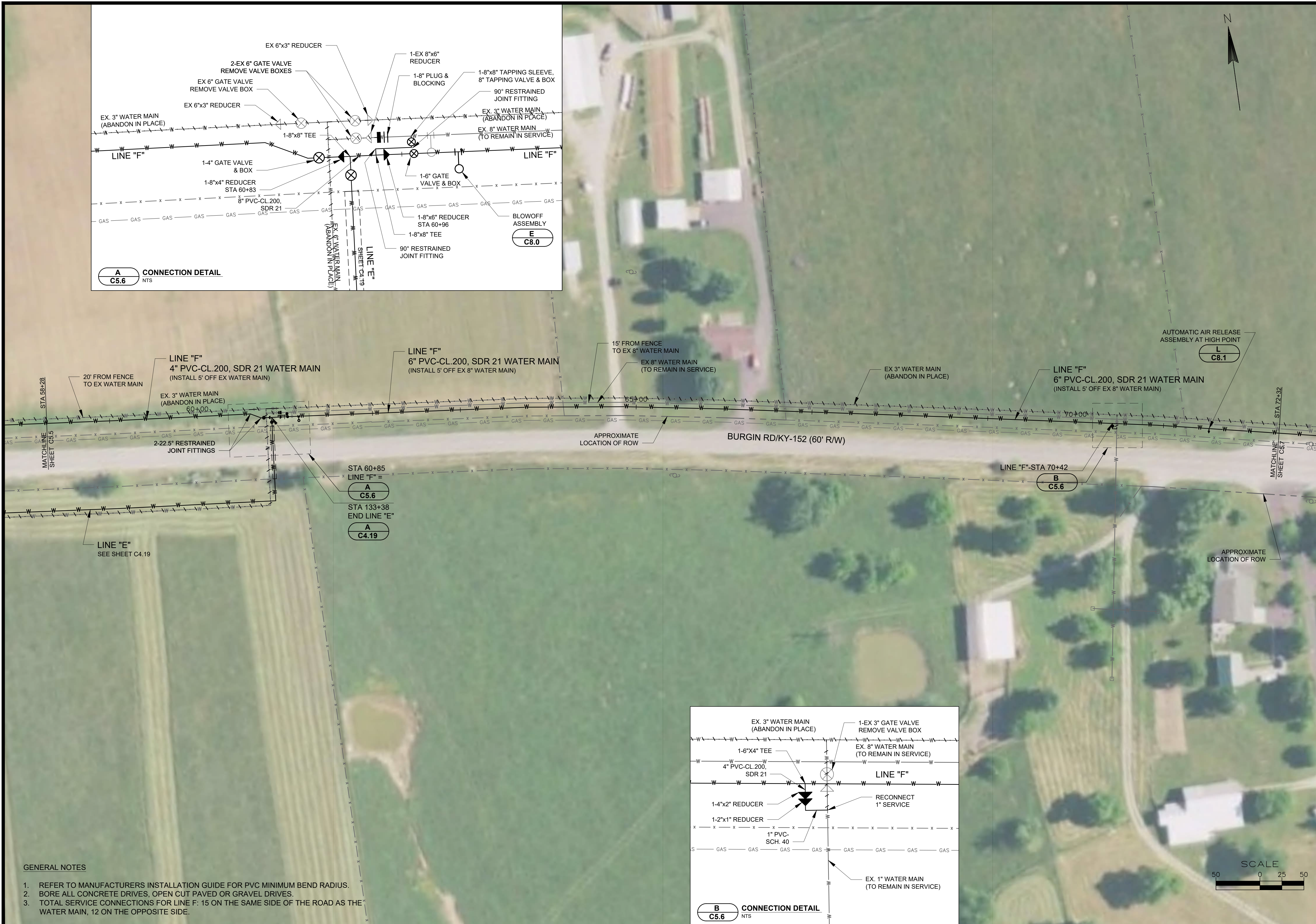
**CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY**

**JOB NO.
2360.177**

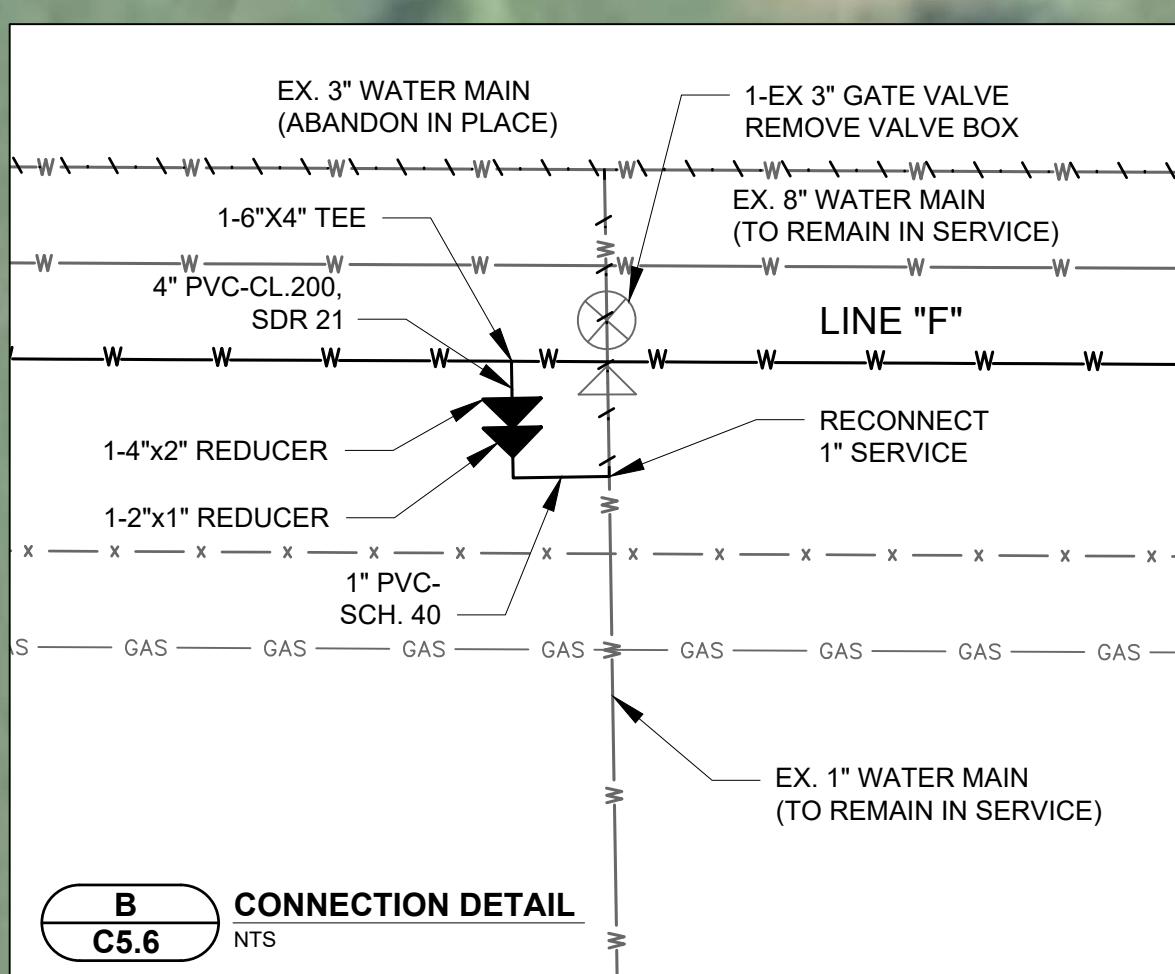
**PROJECT MGR.
EAD**



**SHEET
47
C5.6**



A C5.6 CONNECTION DETAIL NTS



- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE F: 15 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 12 ON THE OPPOSITE SIDE.



NO.	REVISIONS	DATE:

BURGIN ROAD WATER MAIN PLAN LINE F
STA 72+32 TO STA 83+84

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

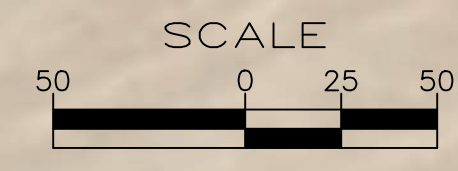
JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
48
C5.7

- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE F: 15 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 12 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
 ELIZABETH A. DIENST
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 E.A. Dienst
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NO.	REVISIONS	DATE:

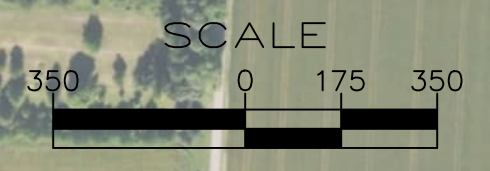
MOORES LANE WATER MAIN INDEX
LINE G
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177
PROJECT MGR.
 EAD



SHEET
 49
 C6.1

GENERAL NOTES
 1. A 3-IN AND 8-IN LINE EXIST ALONG MOORES LANE. THE WORK FOR THIS PROJECT PART CONSISTS OF CHANGING ALL EXISTING SERVICES ALONG THE 3-IN LINE TO NEW SERVICES OFF THE 8-IN LINE AND THEN ABANDONING THE 3-IN LINE.





STATE OF KENTUCKY
 ELIZABETH A. DIENST
 27052
 LICENSED PROFESSIONAL ENGINEER
Elizabeth A. Dienst
 12-2-22

NO.	REVISIONS	DATE:

**MOORES LANE WATER MAIN PLAN LINE G
 STA 10+00 TO STA 24+00**

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177

PROJECT MGR.
 EAD



SHEET
 50
 C6.2

GENERAL NOTES

1. A 3-IN AND 8-IN LINE EXIST ALONG MOORES LANE. THE WORK FOR THIS PROJECT PART CONSISTS OF CHANGING ALL EXISTING SERVICES ALONG THE 3-IN LINE TO NEW SERVICES OFF THE 8-IN LINE AND THEN ABANDONING THE 3-IN LINE.
2. TOTAL SERVICE CONNECTIONS FOR LINE G: 2 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 10 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
 ELIZABETH A. DIENST
 27052
 LICENSED PROFESSIONAL ENGINEER
Elizabeth A. Dienst
 12-2-22

NO.	REVISIONS	DATE:

MOORES LANE WATER MAIN PLAN LINE G
STA 24+00 TO STA 38+23
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177
PROJECT MGR.
 EAD



SHEET
 51
 C6.3

- GENERAL NOTES**
1. A 3-IN AND 8-IN LINE EXIST ALONG MOORES LANE. THE WORK FOR THIS PROJECT PART CONSISTS OF CHANGING ALL EXISTING SERVICES ALONG THE 3-IN LINE TO NEW SERVICES OFF THE 8-IN LINE AND THEN ABANDONING THE 3-IN LINE.
 2. TOTAL SERVICE CONNECTIONS FOR LINE G: 2 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 10 ON THE OPPOSITE SIDE.





DATE:	REVISIONS	NO.

**MOORES LANE WATER MAIN PLAN LINE G
STA 38+23 TO STA 52+72**

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
52
C6.4

- GENERAL NOTES**
1. A 3-IN AND 8-IN LINE EXIST ALONG MOORES LANE. THE WORK FOR THIS PROJECT PART CONSISTS OF CHANGING ALL EXISTING SERVICES ALONG THE 3-IN LINE TO NEW SERVICES OFF THE 8-IN LINE AND THEN ABANDONING THE 3-IN LINE.
 2. TOTAL SERVICE CONNECTIONS FOR LINE G: 2 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 10 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
 ELIZABETH A. DIENST
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 12-2-22

NO.	REVISIONS	DATE:

MOORES LANE WATER MAIN PLAN LINE G
STA 52+72 TO STA 67+41

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

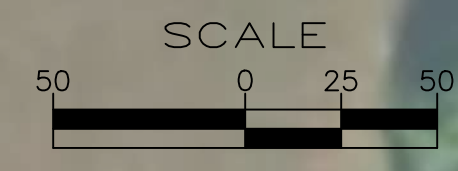
JOB NO.
 2360.177

PROJECT MGR.
 EAD



SHEET
 53
 C6.5

- GENERAL NOTES**
1. A 3-IN AND 8-IN LINE EXIST ALONG MOORES LANE. THE WORK FOR THIS PROJECT PART CONSISTS OF CHANGING ALL EXISTING SERVICES ALONG THE 3-IN LINE TO NEW SERVICES OFF THE 8-IN LINE AND THEN ABANDONING THE 3-IN LINE.
 2. TOTAL SERVICE CONNECTIONS FOR LINE G: 2 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 10 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
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 12-2-22

NO.	REVISIONS	DATE:

MOORES LANE WATER MAIN PLAN LINE G
STA 67+41 TO STA 81+42

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177

PROJECT MGR.
 EAD



SHEET
 54
 C6.6

- GENERAL NOTES**
1. A 3-IN AND 8-IN LINE EXIST ALONG MOORES LANE. THE WORK FOR THIS PROJECT PART CONSISTS OF CHANGING ALL EXISTING SERVICES ALONG THE 3-IN LINE TO NEW SERVICES OFF THE 8-IN LINE AND THEN ABANDONING THE 3-IN LINE.
 2. TOTAL SERVICE CONNECTIONS FOR LINE G: 2 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 10 ON THE OPPOSITE SIDE.





STATE OF KENTUCKY
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 12-2-22

NO.	REVISIONS	DATE:

MOORES LANE WATER MAIN PLAN LINE G
STA 81+42 TO STA 90+00
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177
PROJECT MGR.
 EAD



SHEET
 55
 C6.7

- GENERAL NOTES**
1. A 3-IN AND 8-IN LINE EXIST ALONG MOORES LANE. THE WORK FOR THIS PROJECT PART CONSISTS OF CHANGING ALL EXISTING SERVICES ALONG THE 3-IN LINE TO NEW SERVICES OFF THE 8-IN LINE AND THEN ABANDONING THE 3-IN LINE.
 2. TOTAL SERVICE CONNECTIONS FOR LINE G: 2 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 10 ON THE OPPOSITE SIDE.



NO.	REVISIONS	DATE:

WILDWOOD ROAD WATER MAIN INDEX
LINE H
 CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
 LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
 MERCER COUNTY, KENTUCKY

JOB NO.
 2360.177
PROJECT MGR.
 EAD



SHEET
 56
 C7.1



DATE:	
REVISIONS	
NO.	

**WILDWOOD ROAD WATER MAIN LINE H
STA 10+00 TO STA 26+44**

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

JOB NO.
2360.177

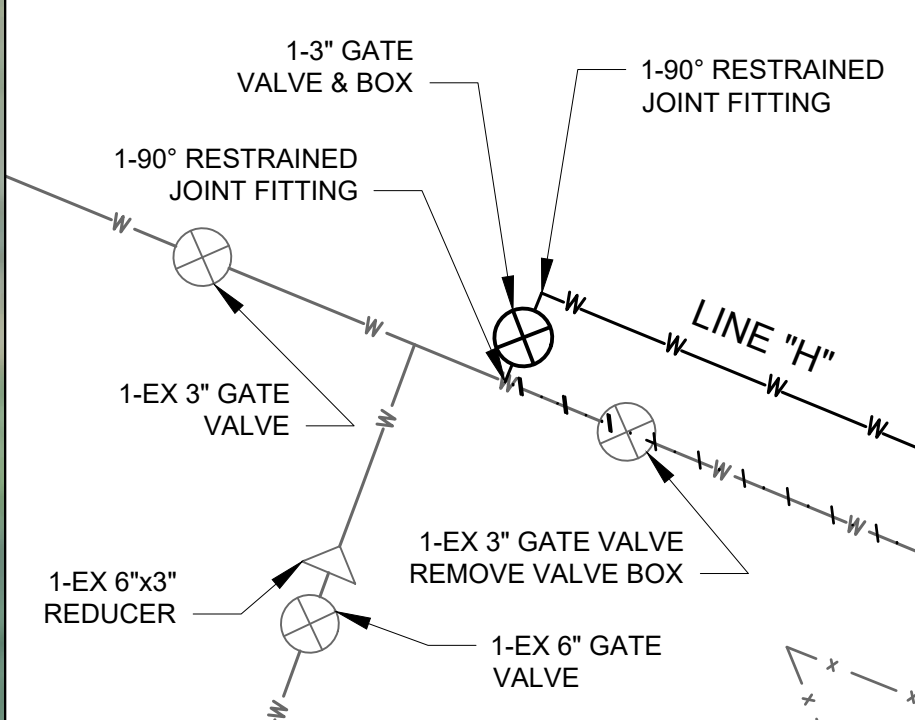
PROJECT MGR.
EAD



SHEET
57
C7.2

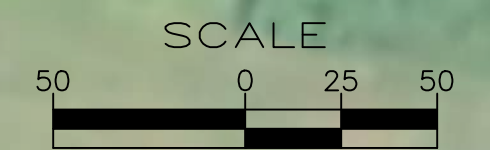


A CONNECTION DETAIL
C7.2



GENERAL NOTES

- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
- BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
- TOTAL SERVICE CONNECTIONS FOR LINE H: 7 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 11 ON THE OPPOSITE SIDE.





DATE:	REVISIONS	NO.

**WILDWOOD ROAD WATER MAIN LINE H
STA 26+44 TO STA 38+57**

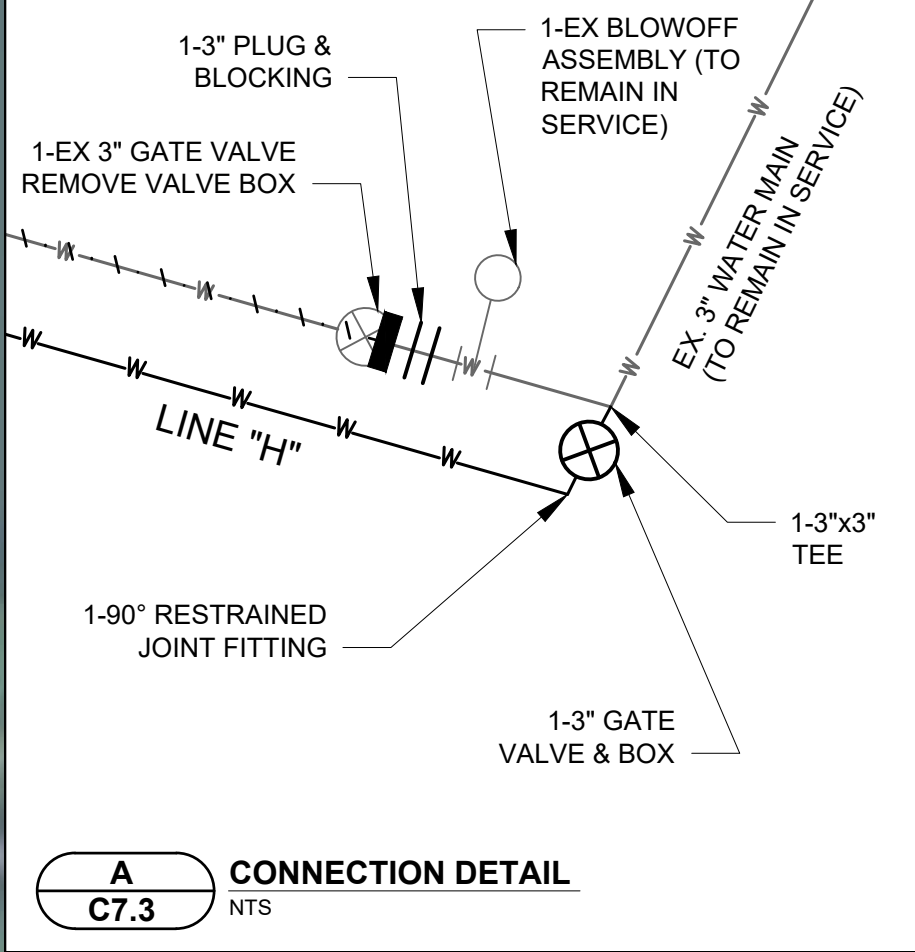
CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

JOB NO.
2360.177

PROJECT MGR.
EAD



SHEET
58
C7.3



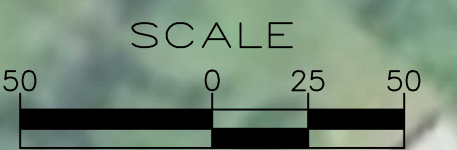
LINE "H"
(INSTALL 3' OFF EDGE
OF PAVEMENT)

LINE "H"
(INSTALL BY OPEN CUT WITH
15 LF-10" STEEL CASING PIPE)

A C8.0 J C8.1

LINE "H"
3" PVC-CL.200, SDR 21 WATER MAIN
(INSTALL 5' OFF EX WATER MAIN)

STA 38+57
END LINE "H"
A C7.3



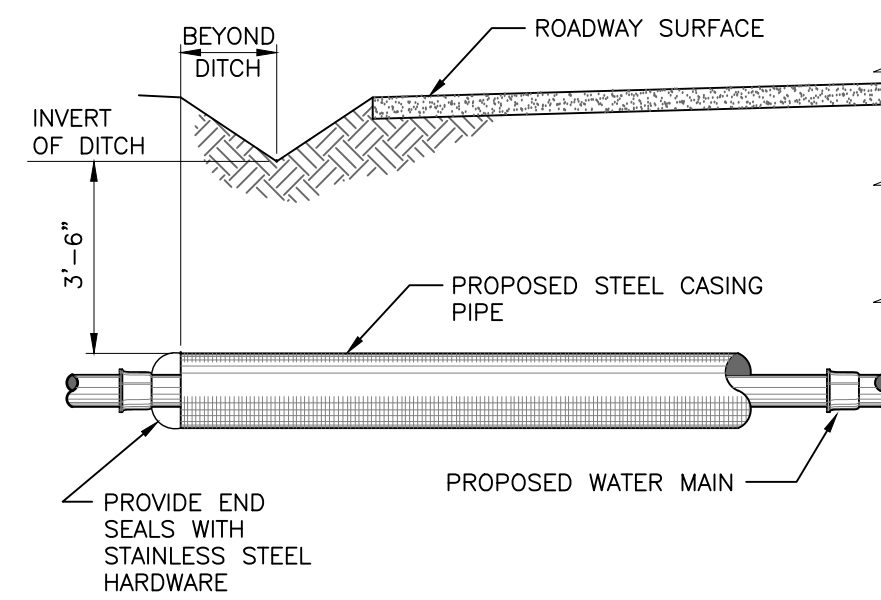
- GENERAL NOTES**
- REFER TO MANUFACTURERS INSTALLATION GUIDE FOR PVC MINIMUM BEND RADIUS.
 - BORE ALL CONCRETE DRIVES, OPEN CUT PAVED OR GRAVEL DRIVES.
 - TOTAL SERVICE CONNECTIONS FOR LINE H: 7 ON THE SAME SIDE OF THE ROAD AS THE WATER MAIN, 11 ON THE OPPOSITE SIDE.

NOTE:

DETAIL TYPICAL FOR BORING OR OPEN CUT INSTALLATION.

FOR HIGHWAY BORES:

PROPOSED HIGHWAY BORES SHALL BE DONE IN ACCORDANCE WITH ALL K.T.C. REQUIREMENTS FOR MATERIALS, METHODS AND LOCATIONS.

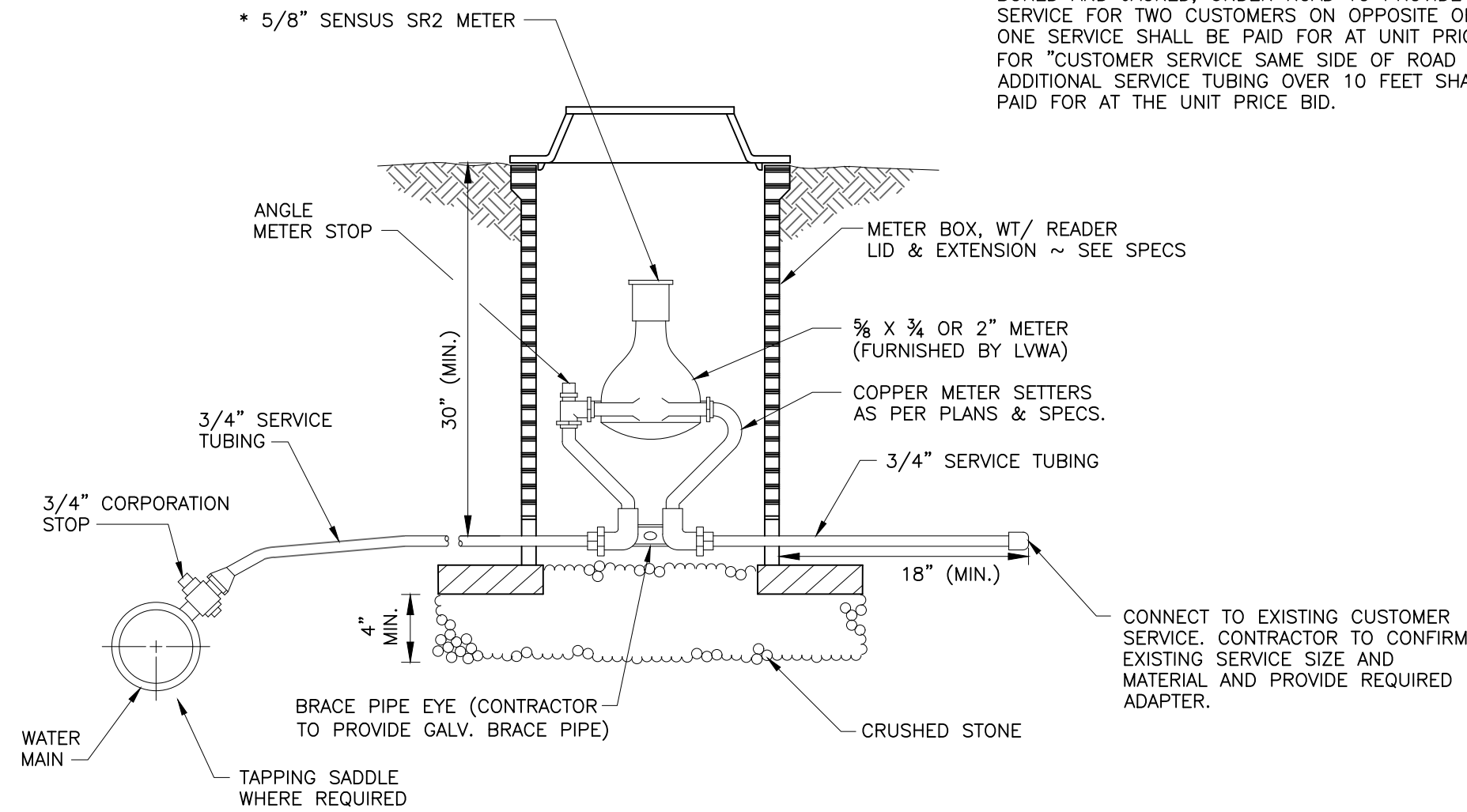


A TYPICAL CASING DETAIL
C8.0 NTS

NOTES:

- ITEMS INCLUDED IN METER SETTING
- 5/8" SENSUS SR CONVERSION KIT TR/PL
- PIT-UP HOUSING & WIRE, 100/GAL
- COPPER METER SETTER
- METER BOX & WT/ READER LID
- 3/4" SERVICE TUBING
- 10' MAXIMUM SAME SIDE OF ROAD AS MAIN
- 70' MAXIMUM OPPOSITE SIDE OF ROAD AS MAIN ("PUSHED" OR BORE & JACK UNDER ROAD)
- 3/4" CORPORATION STOP
- TAPPING SADDLE WHERE REQUIRED
- UNCLASSIFIED EXCAVATION AND BACKFILL
- COMPLETE AND IN PLACE

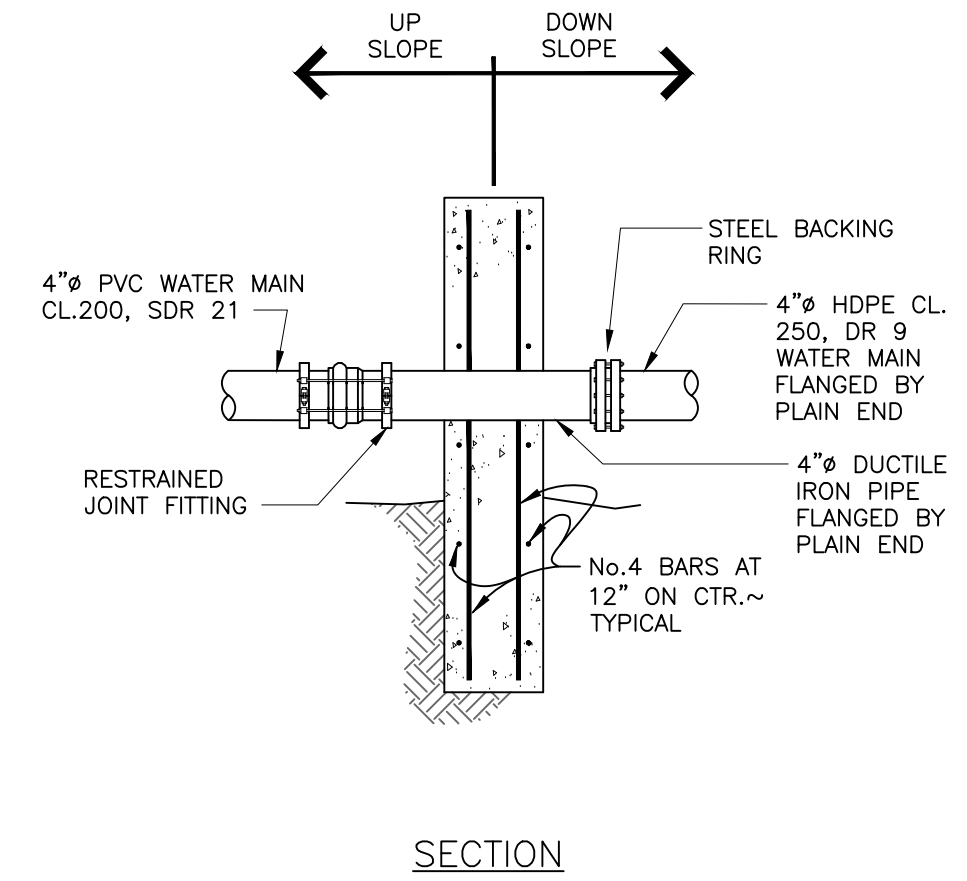
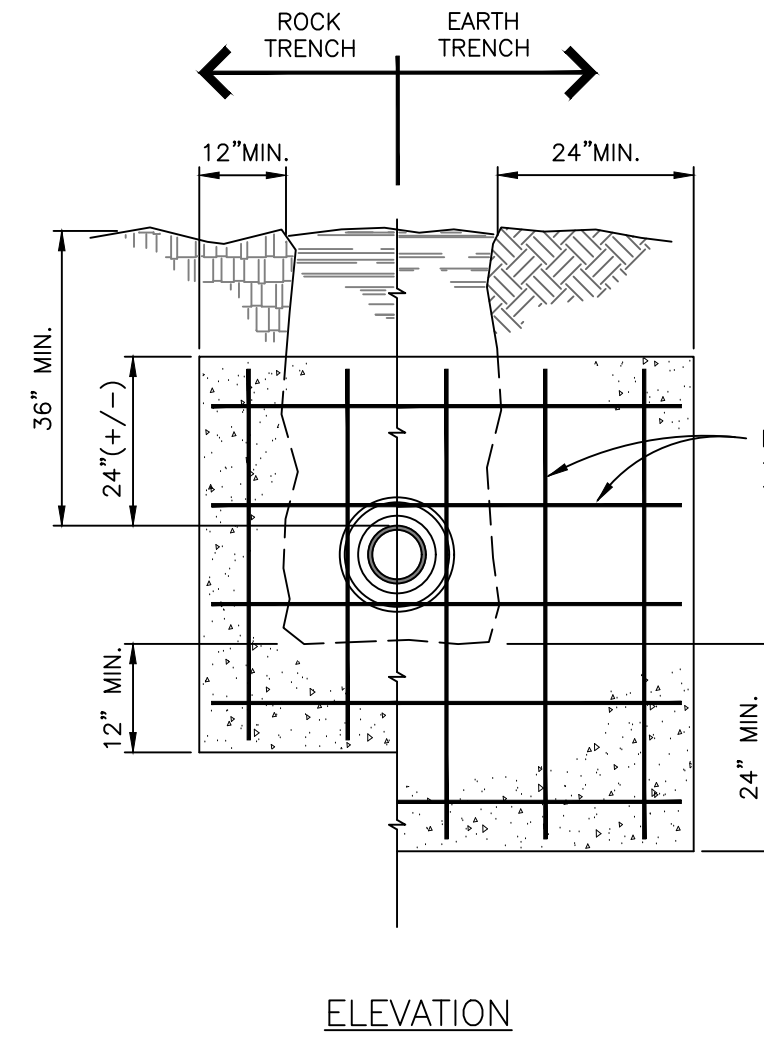
WHERE A SINGLE ROADWAY SERVICE IS "PUSHED", OR BORED AND JACKED, UNDER ROAD TO PROVIDE SERVICE FOR TWO CUSTOMERS ON OPPOSITE OF ROAD, ONE SERVICE SHALL BE PAID FOR AT UNIT PRICE FOR "CUSTOMER SERVICE SAME SIDE OF ROAD AS MAIN". ADDITIONAL SERVICE TUBING OVER 10 FEET SHALL BE PAID FOR AT THE UNIT PRICE BID.



B TYPICAL METER SETTING
C8.0 NTS

NOTE:

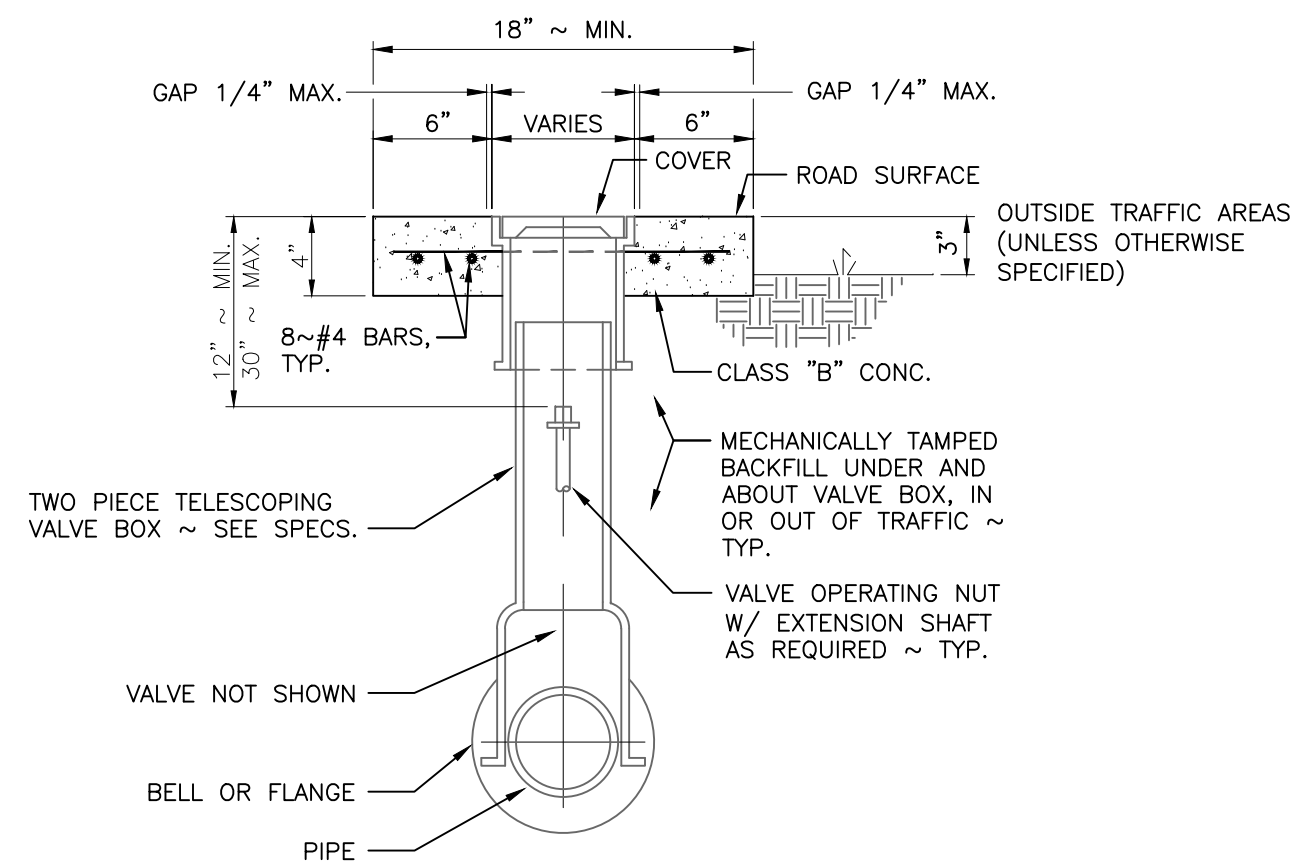
THE INTENT OF THIS COLLAR IS TO PREVENT DOWN SLOPE MOVEMENT OF THE PROPOSED WATER MAIN. THE EXCAVATION FOR THE COLLAR SHALL BE NEAT CUT IN SUCH A WAY AS TO ALLOW COLLAR TO BE PLACED AGAINST FIRM, UNDISTURBED MATERIAL.



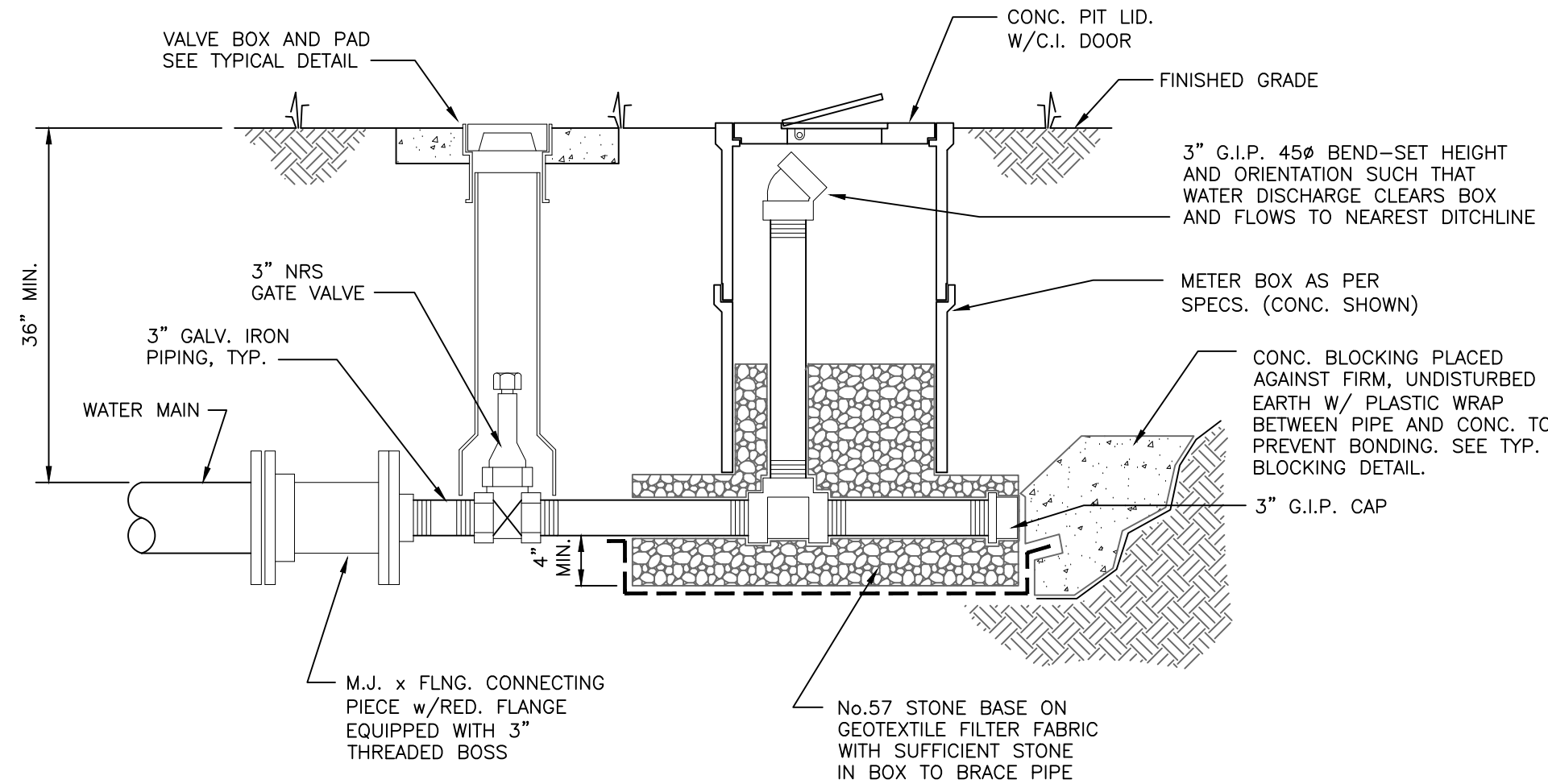
C RESTRAINING COLLAR DETAIL
C8.0 NTS

NOTES:

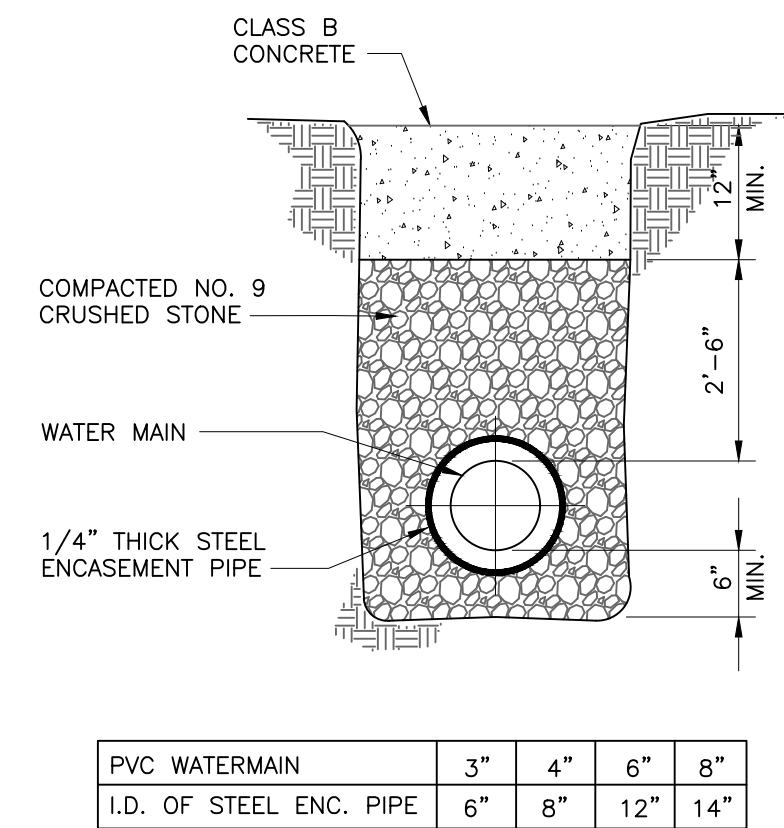
- NO EXTRA PAY ALLOWED FOR CONC. COLLAR WHEN REQUIRED IN TRAFFIC LOCATIONS.
- COVER TO BE MARKED "WATER"
- VALVE BOX SHALL NOT BEAR DIRECTLY ON THE PIPE OR VALVE.
- CONCRETE PAD SHALL BE SQUARE.
- CONCRETE PAD SHALL BE REQUIRED ON ALL VALVES.
- ALL FILL BENEATH CONC. PAD SHALL BE MECHANICALLY COMPACTED.



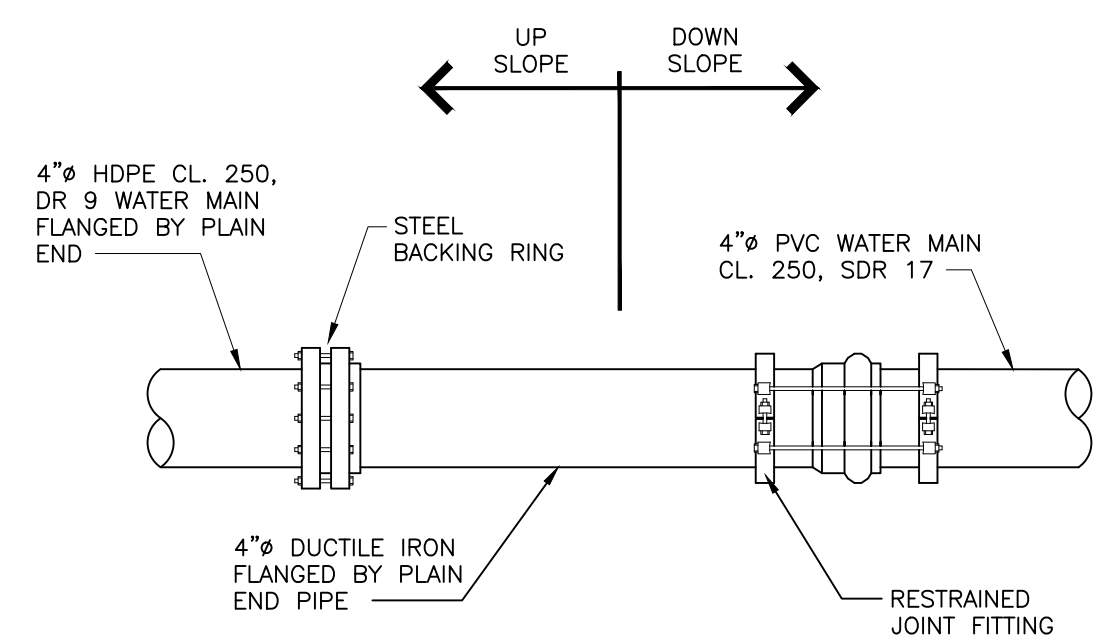
D TYPICAL VALVE BOX
C8.0 NTS



E TYPICAL 3" BLOWOFF ASSEMBLY
C8.0 NTS



F TYPICAL STREAM CROSSING WITH ENCASEMENT PIPE AND CONCRETE CAP
C8.0 NTS



G PVC TO HDPE TRANSITION DETAIL
C8.0 NTS



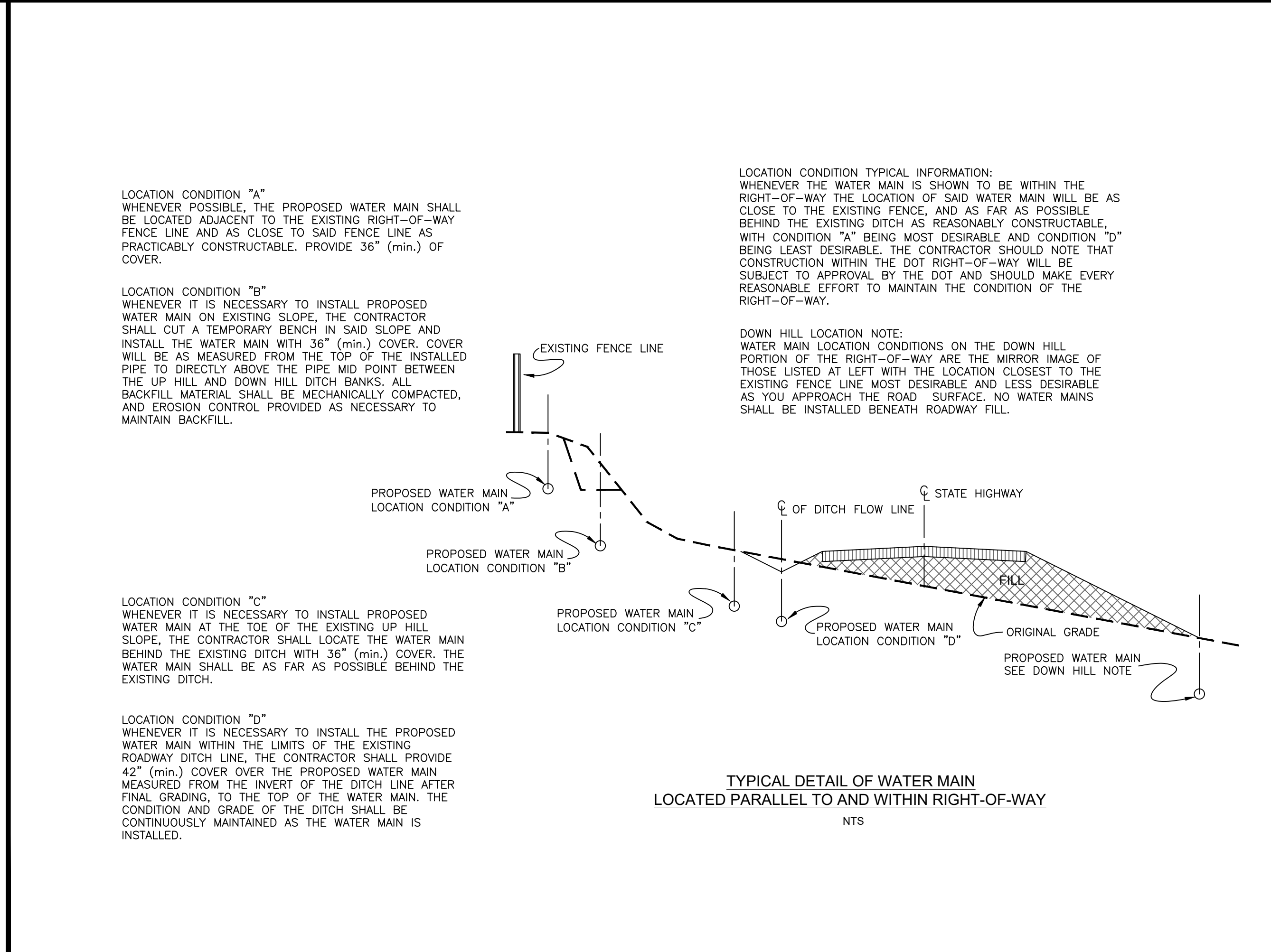
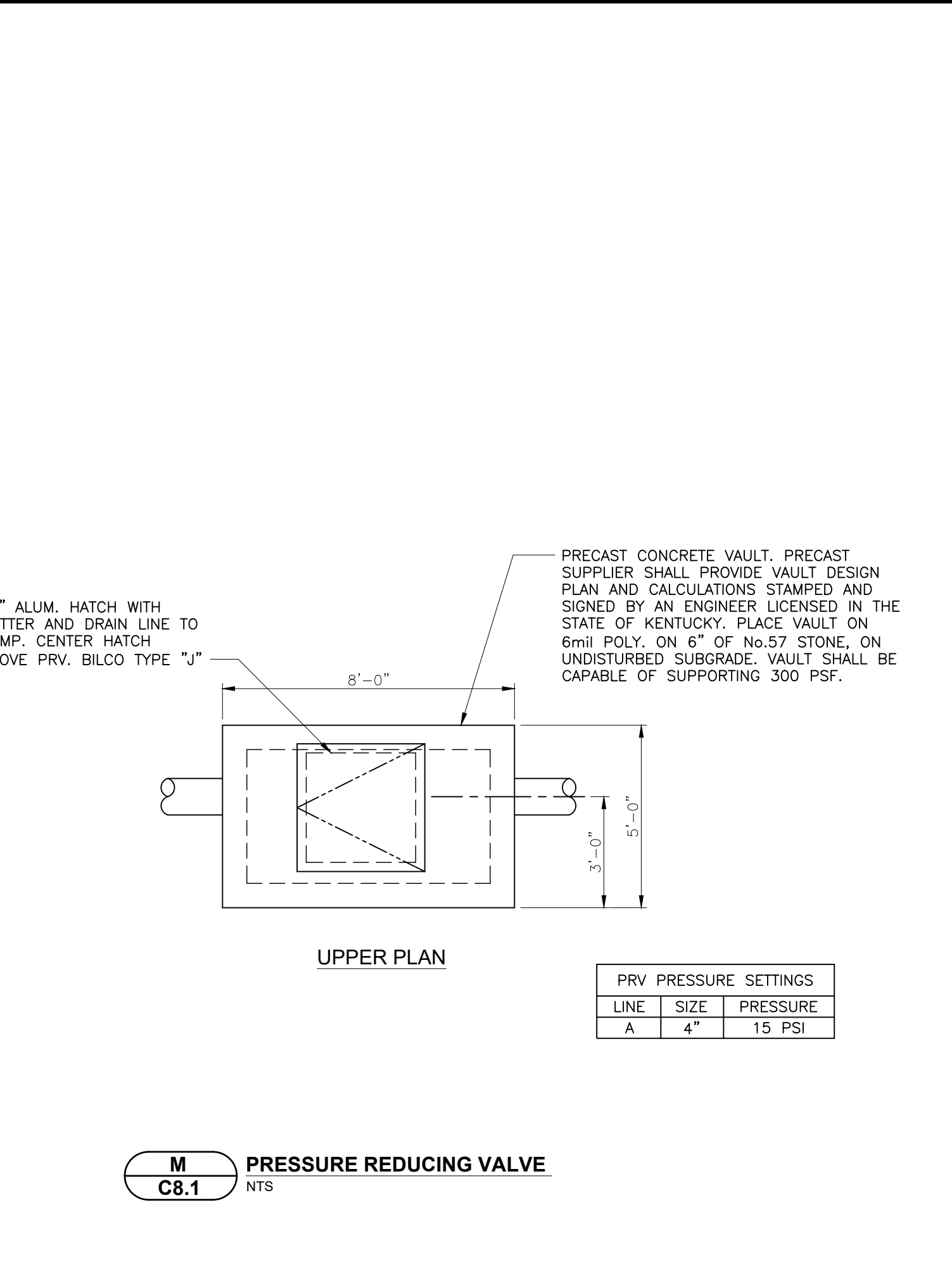
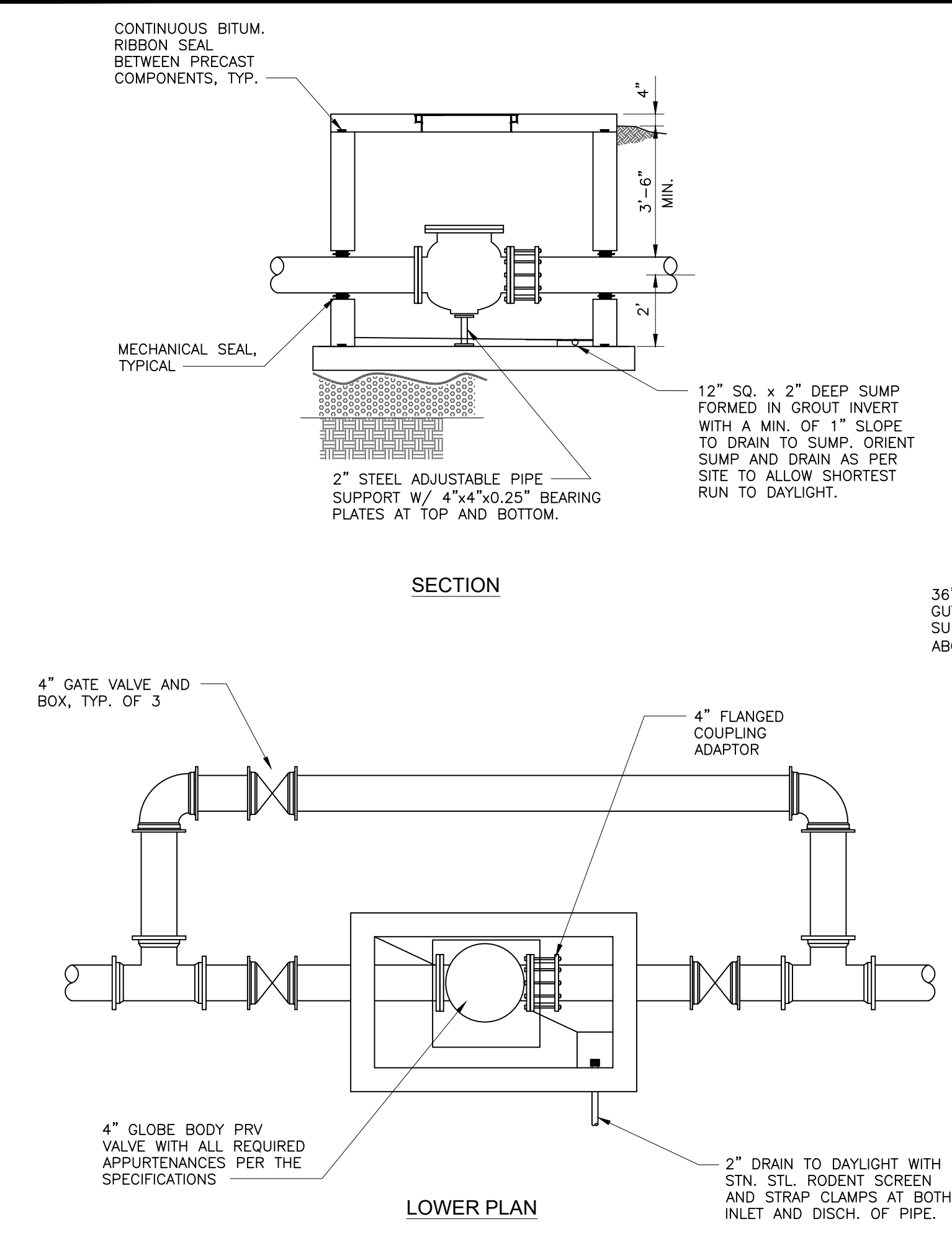
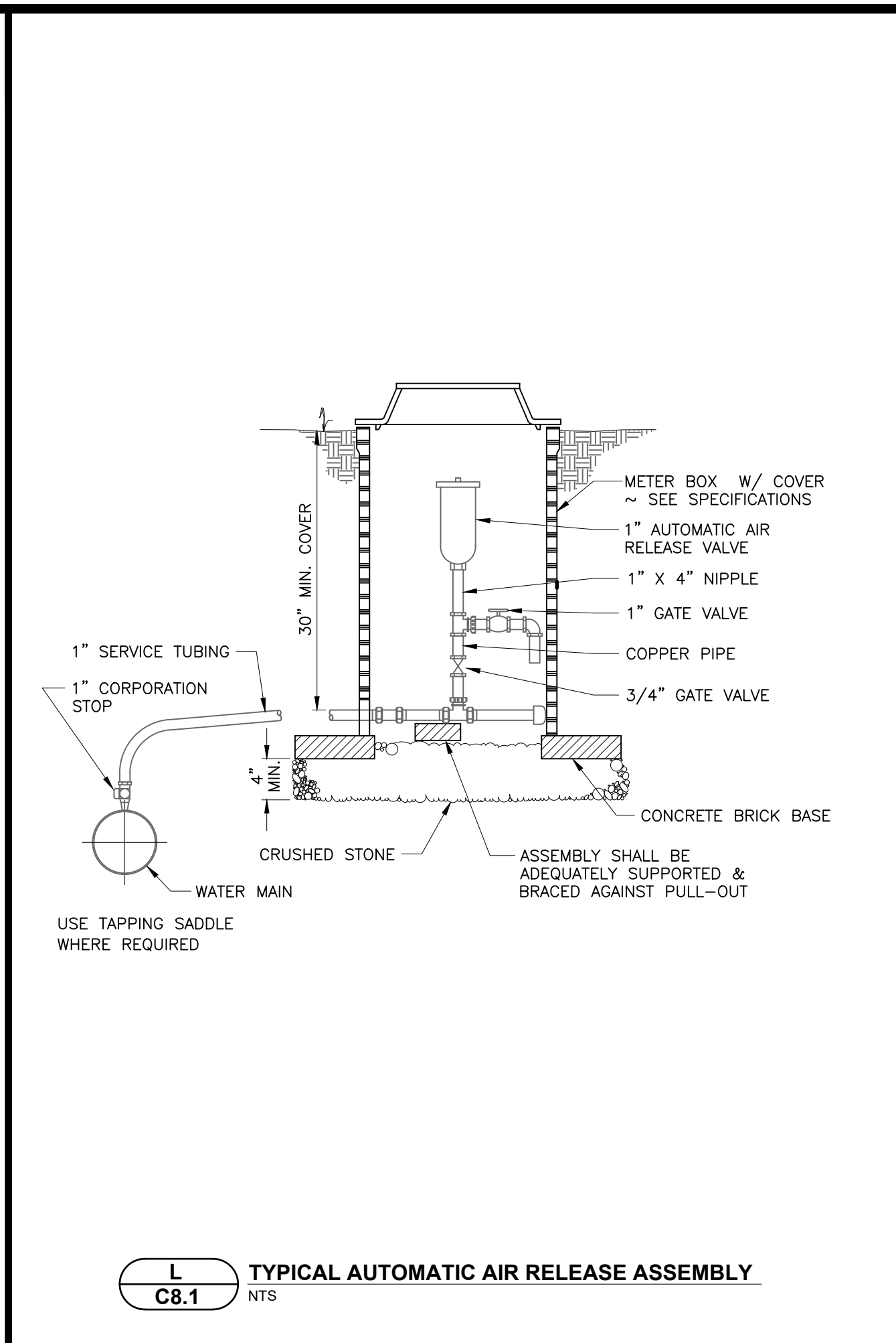
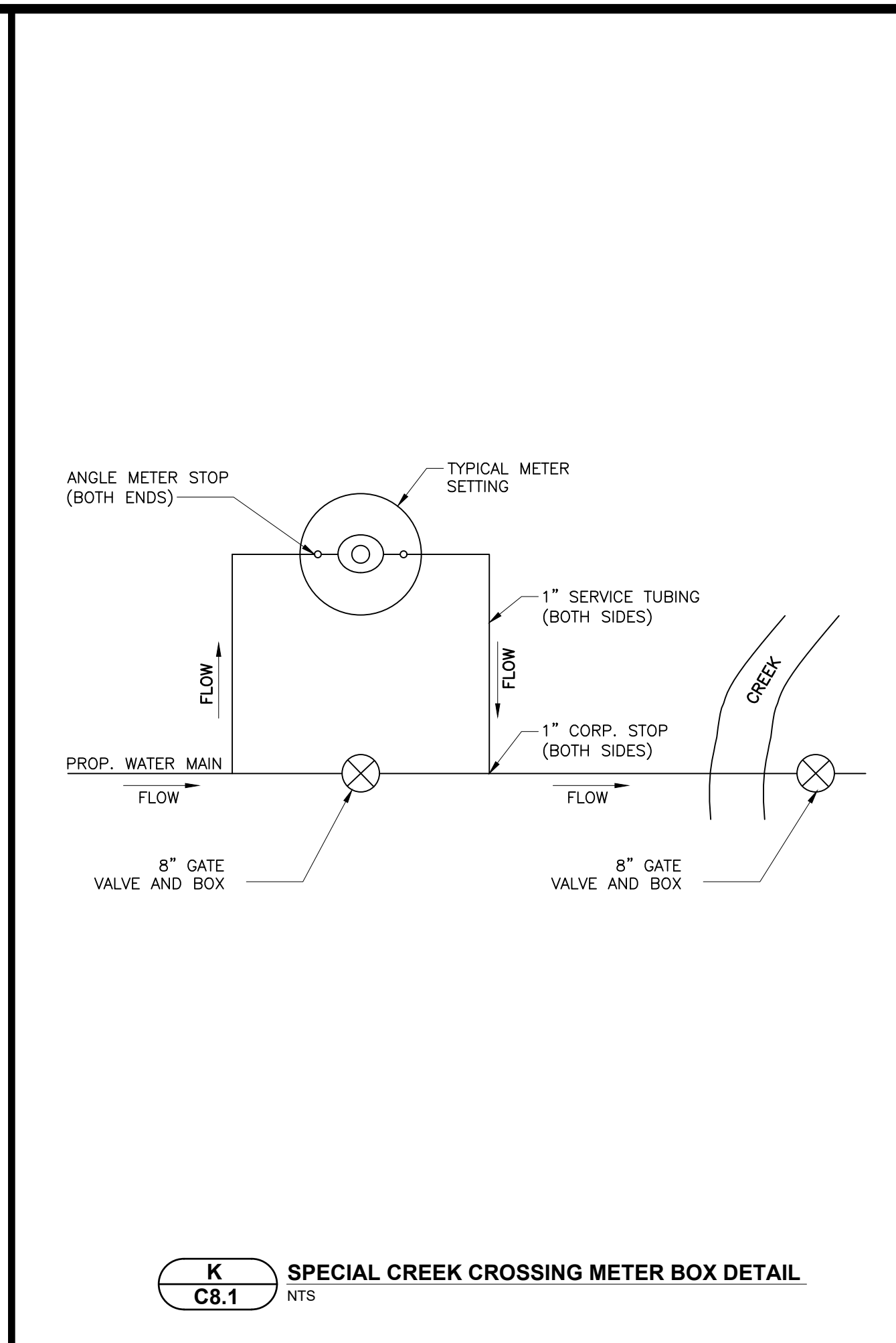
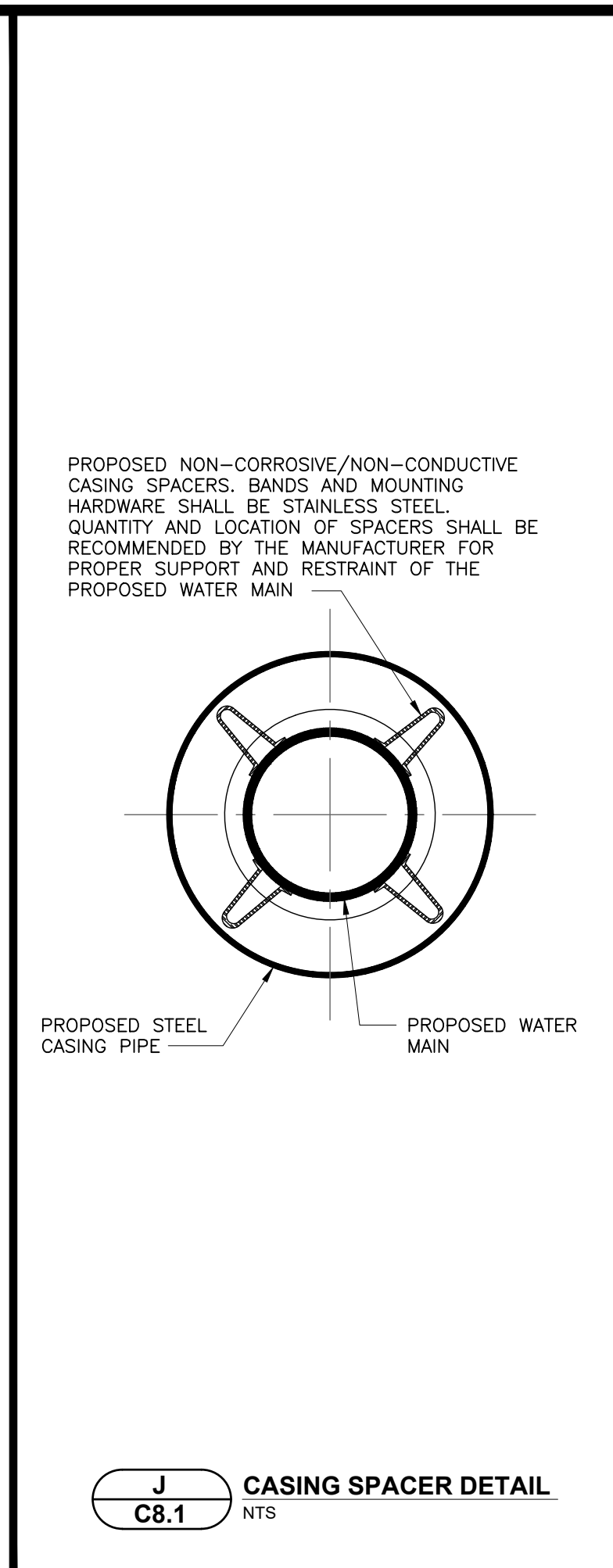
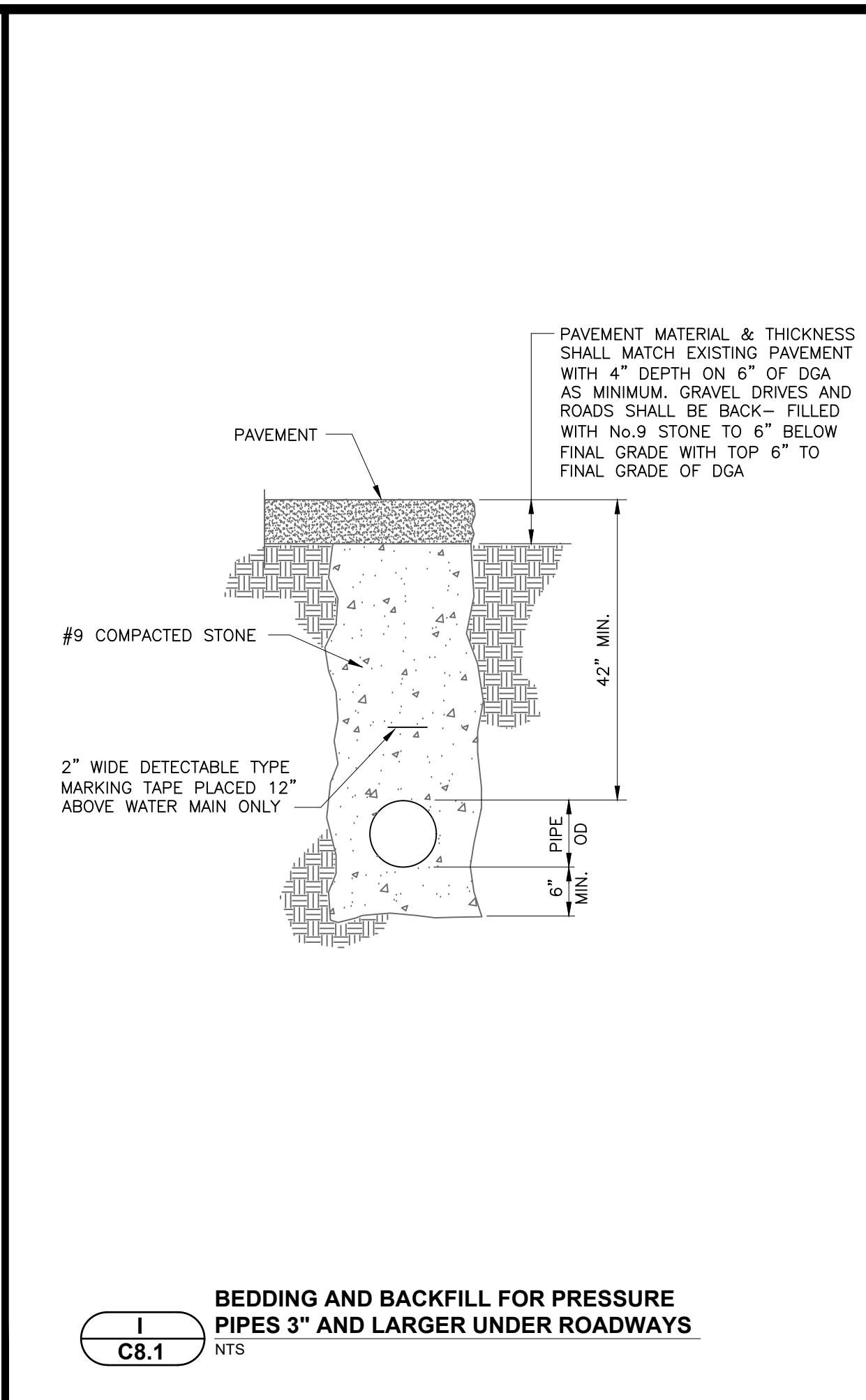
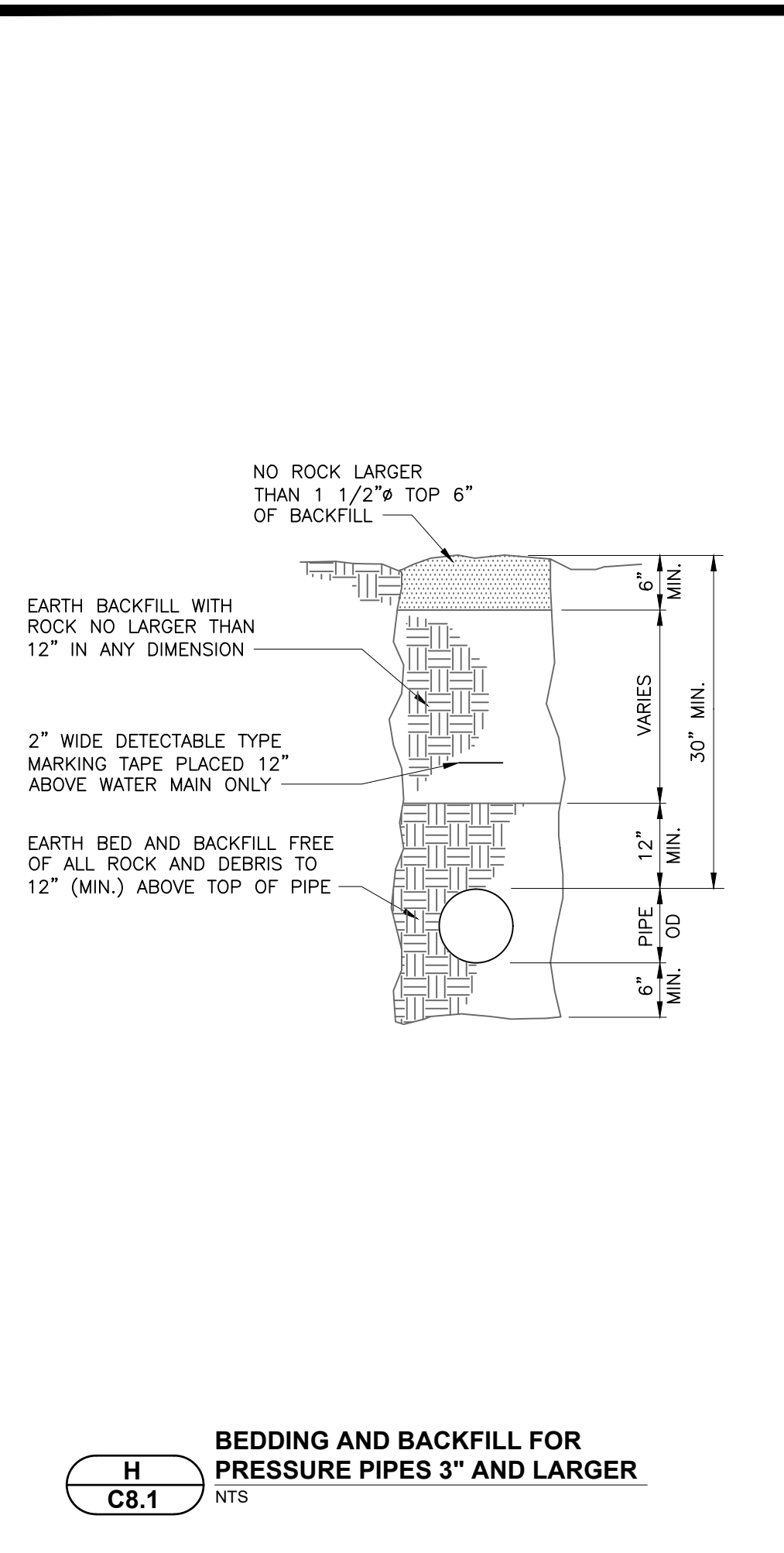
DATE:	REVISIONS	NO.

STANDARD DETAILS-1
CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

JOB NO.
2360.177
PROJECT MGR.
EAD



SHEET
59
C8.0



DATE: _____

REVISIONS

NO.	DESCRIPTION

STANDARD DETAILS-2

CONTRACT 14 - DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS
LAKE VILLAGE WATER ASSOCIATION, KENTUCKY
MERCER COUNTY, KENTUCKY

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SHEET
60
C8.1