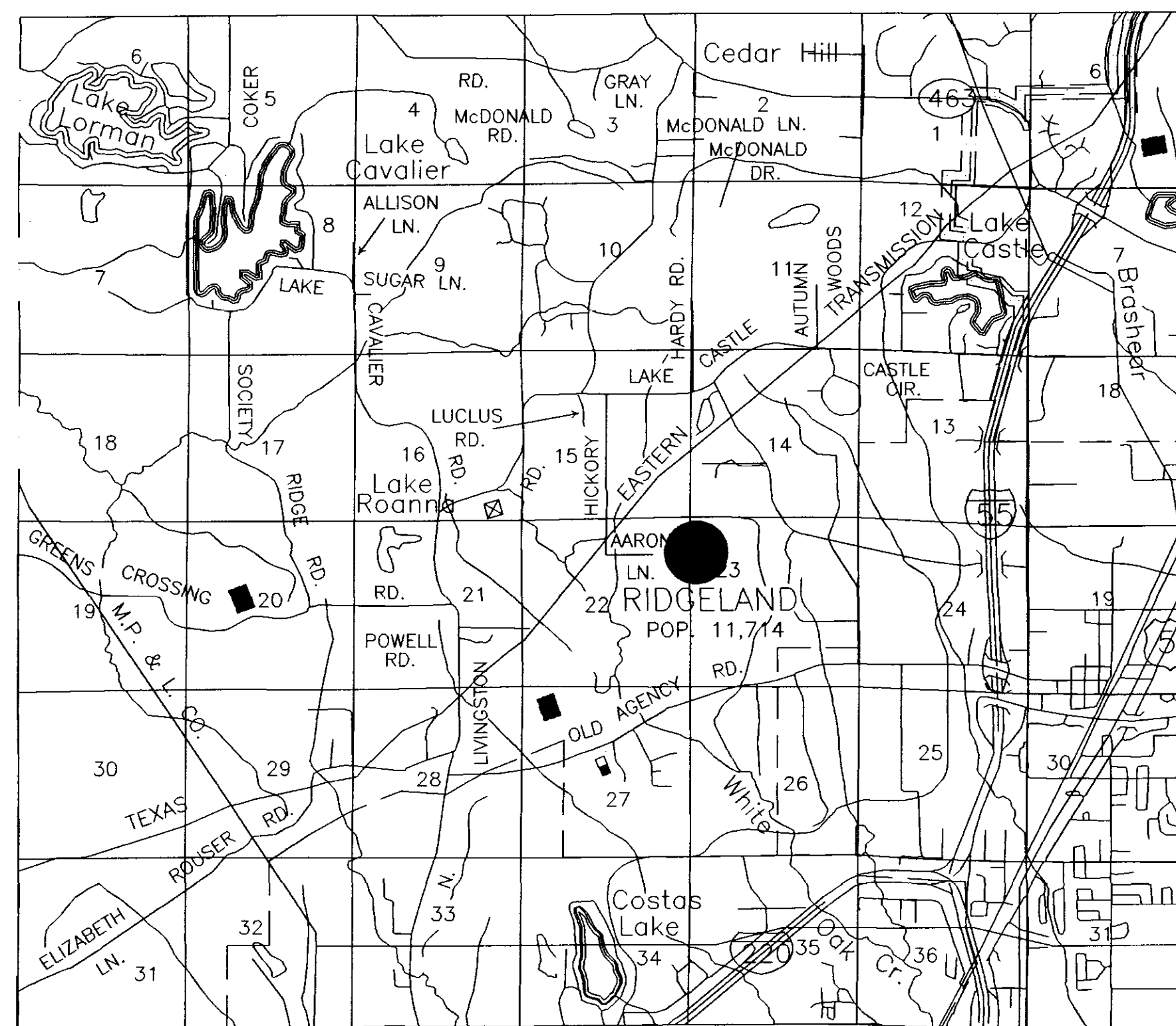


RECORD DRAWINGS
FOR
BRIDGEWATER SIX
 A DEVELOPMENT OF 184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MS 39157

RIDGELAND, MISSISSIPPI

MAYOR - GENE F. McGEE
 PUBLIC WORKS DIRECTOR - SAM C. VINSON, P.E.
 ALDERMEN
 KEN HEARD
 CHUCK GAUTIER
 CAROLE DAVIS
 LARRY ROBERTS
 SCOTT JONES
 LINDA TRUNZLER
 GERALD STEEN



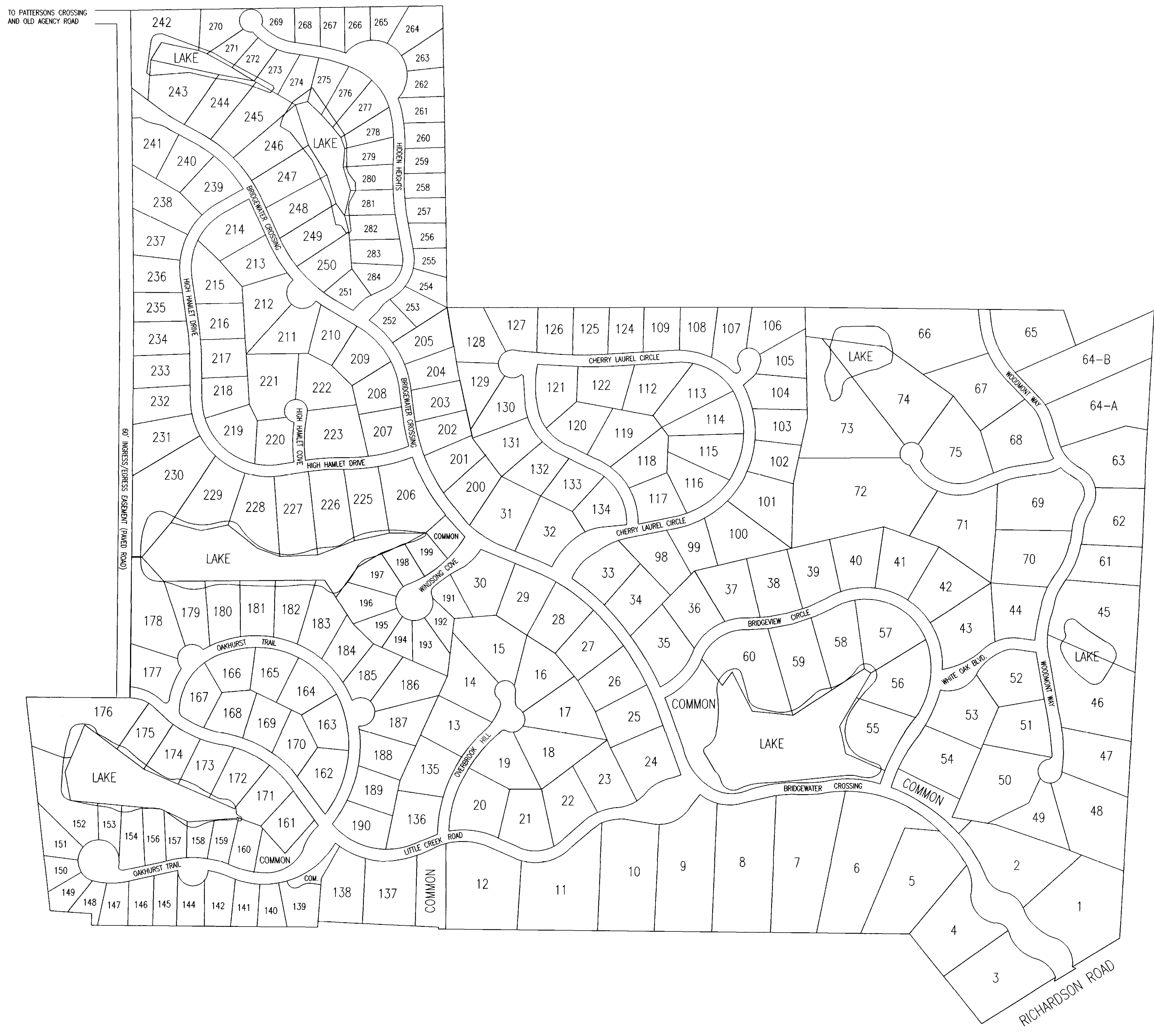
SHEET INDEX

- 1 COVER
- 2 WATER AND SEWER SERVICE LOCATIONS
- 3 OVERALL SUBDIVISION LAYOUT (ALL PHASES)
- 4 STORM DRAINAGE AND EROSION CONTROL LAYOUT
- 5 WATER AND SEWER LAYOUT
- 6 PLAN/PROFILE WOODMONT WAY - B.O.P. TO 15+00
- 7 PLAN/PROFILE WOODMONT WAY - 15+00 TO 20+00
- 8 PLAN/PROFILE WOODMONT WAY - 20+00 TO E.O.P.
- 9 PLAN/PROFILE CUL-DE-SAC - B.O.P. TO 15+00
- 10 PLAN/PROFILE CUL-DE-SAC - 15+00 TO E.O.P.
- 11 PLAN/PROFILE SEWERLINE - MH-8 TO PUMP STATION
- 12 TYPICAL SECTIONS
- 13 MISCELLANEOUS DETAILS
- 14 WATER DETAILS
- 15 SEWER DETAILS
- 16 PUMP STATION DETAILS
PUMP STATION DESIGN BY ENGINEERED ENVIRONMENTAL EQUIPMENT, INC.
 DETAIL SHEET BY HYDROMATIC PUMP CO.

BANKS ENGINEERING & SURVEYING, INC.
 108 AMERICAN WAY * MADISON, MS 39110
 OFFICE (601) 853-2311 * FAX (601) 853-3896

PWP-00228

D:\PROJECTS\158-01\ASBUILT\OVERALL Tue Aug 27 08:37:36 2002 Banks Engineering & Surveying (NFW)



DATE	REVISION

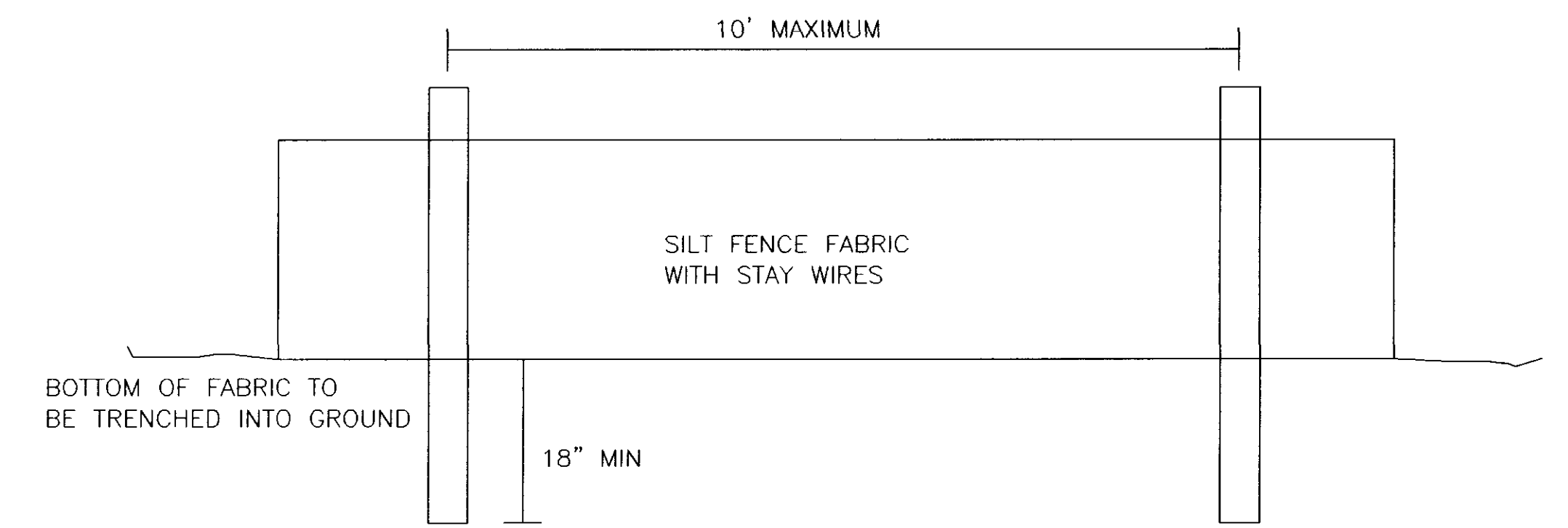
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 CHECKED BY: APPROVED BY:

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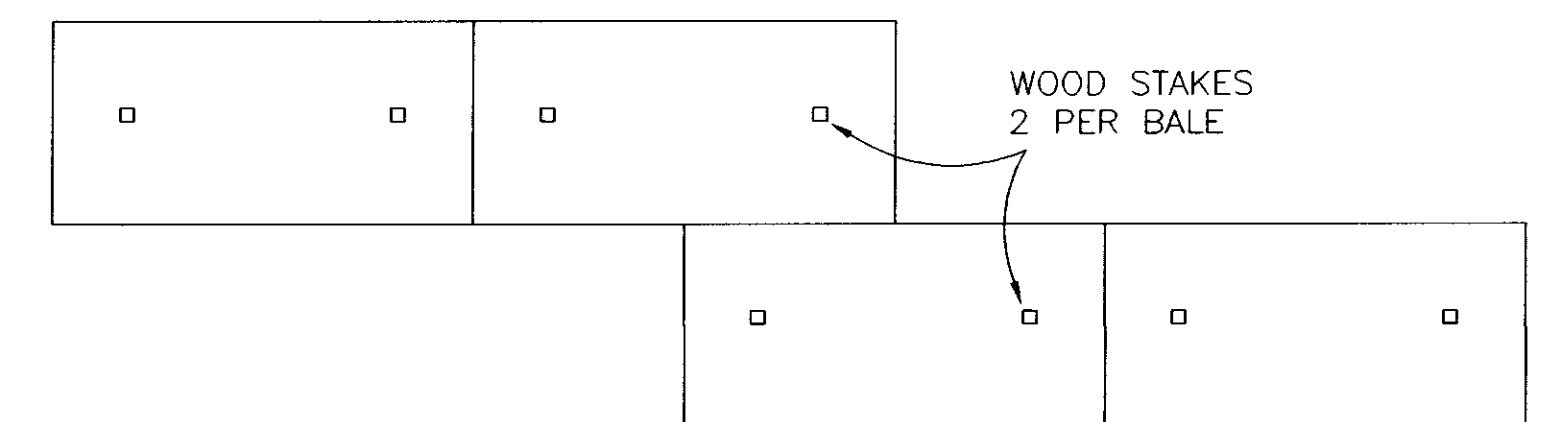
CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
BRIDGEWATER SIX
OVERALL SUBDIVISION LAYOUT
(ALL PHASES)

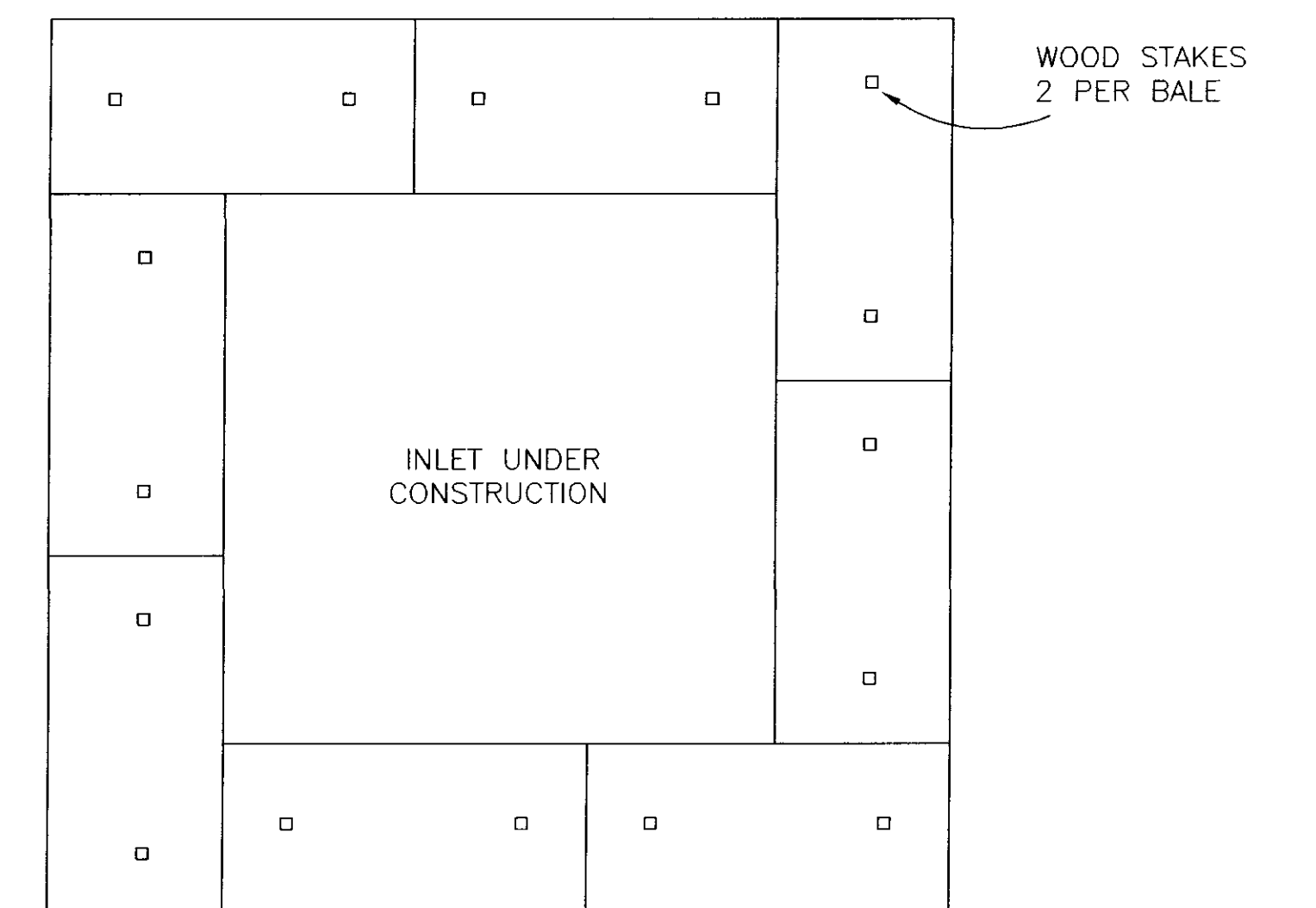
SHEET NO.
3



TEMPORARY SILT FENCE
N.T.S.



TEMPORARY EROSION CHECKS
N.T.S.



TEMPORARY EROSION CHECKS (INLETS)
N.T.S.

DATE	REVISION

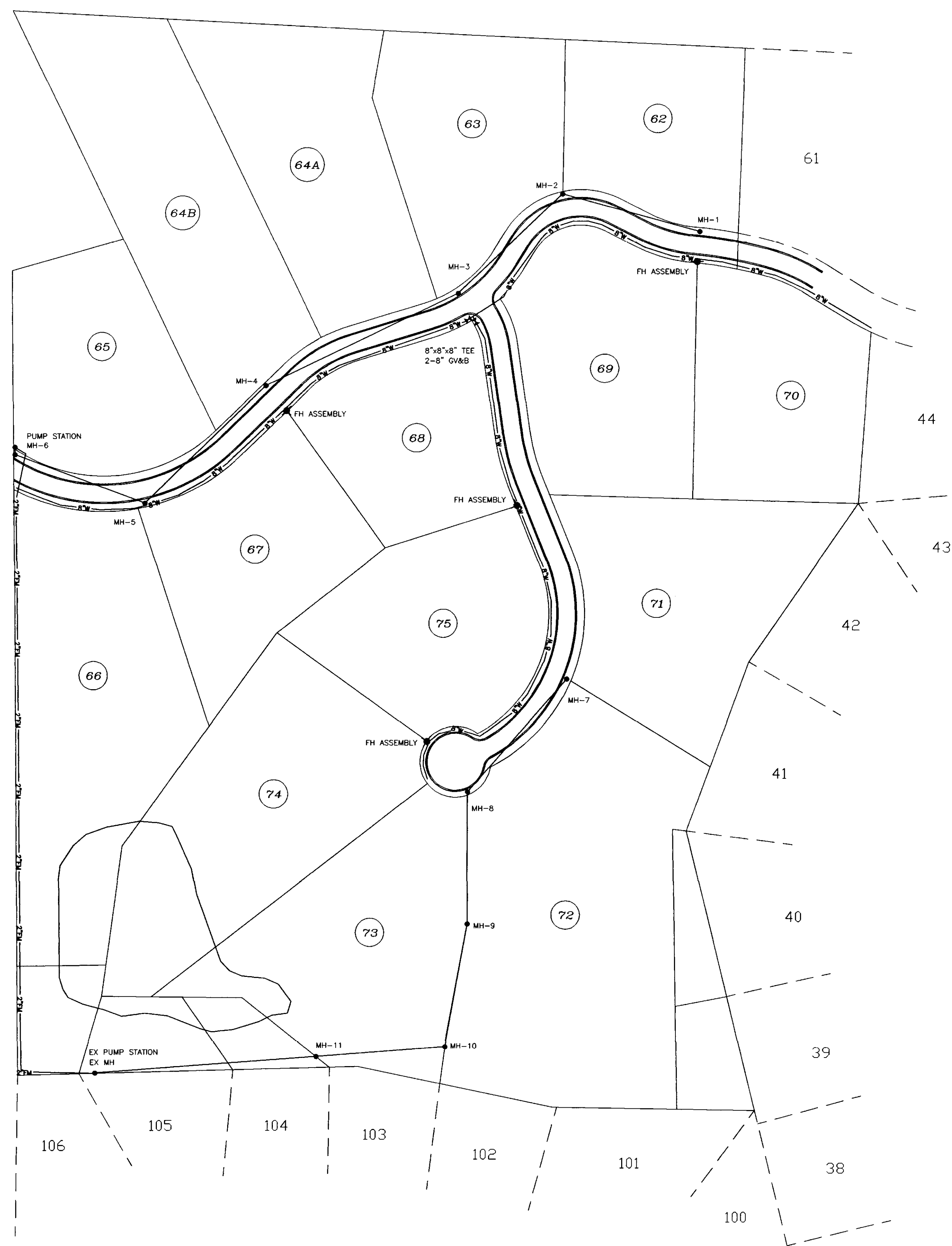
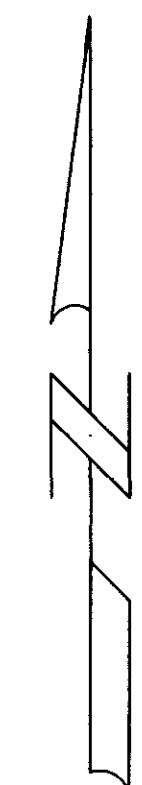
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 CHECKED BY: BCB APPROVED BY: NPW

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CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
 BRIDGEWATER SIX
 STORM DRAINAGE AND EROSION CONTROL LAYOUT

SHEET NO.
4



8" WATERLINE IS C-900 CLASS 150 PVC
 8" SEWERLINE IS SDR-26 PVC
 2" FORCEMAIN IS CLASS 160 PVC

AN AIR RELEASE VALVE AND BOX IS LOCATED
 ON THE SEWER FORCEMAIN AT ALL HIGH POINTS

STEEL CASING IS INSTALLED AT ALL WATERLINE
 ROAD CROSSINGS (EXCLUDING SERVICE LINES)

DATE	REVISION

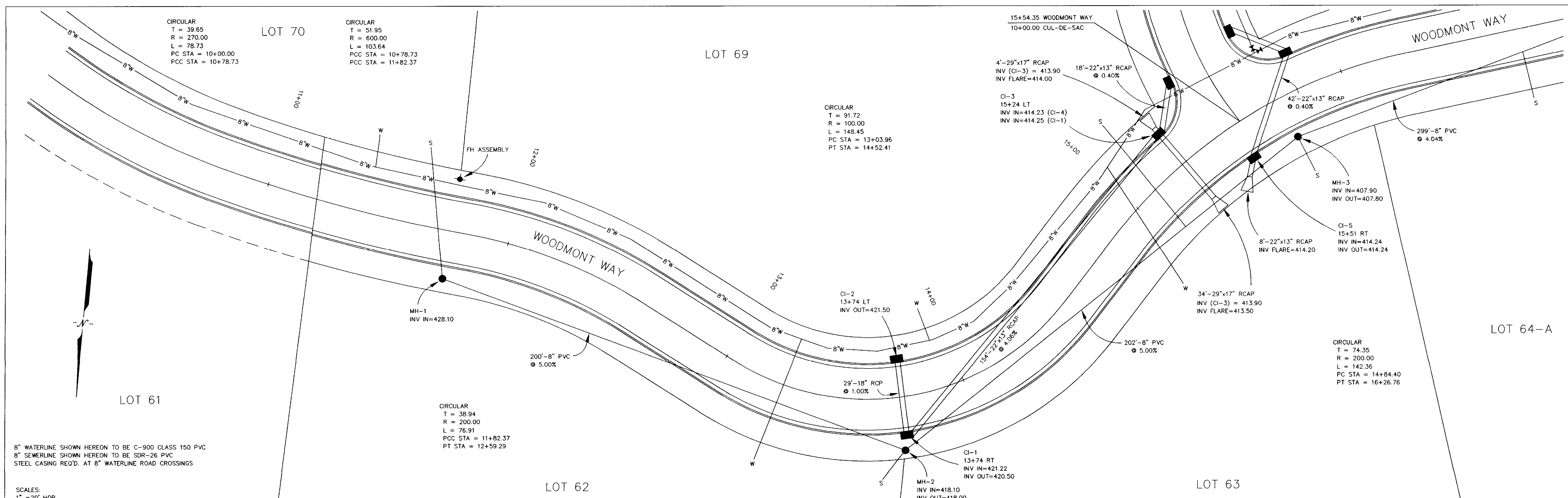
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 CHECKED BY: BCB APPROVED BY: NPW

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CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
BRIDGEWATER SIX
WATER AND SEWER LAYOUT

SHEET NO.
5



DATE	REVISION

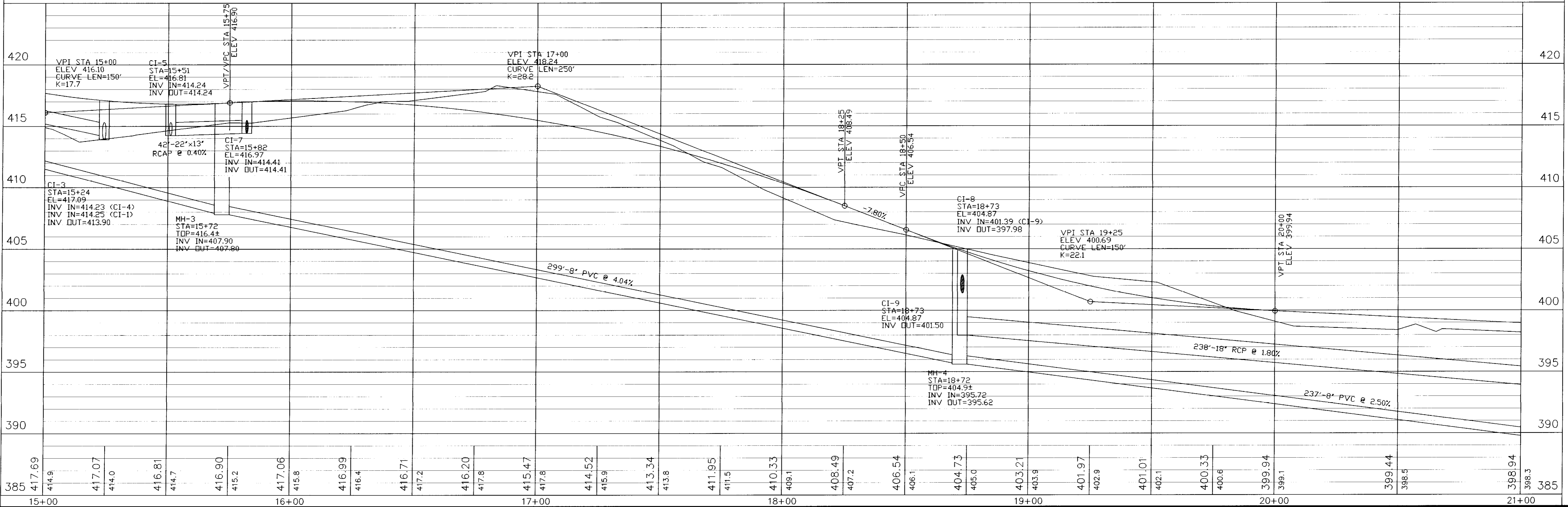
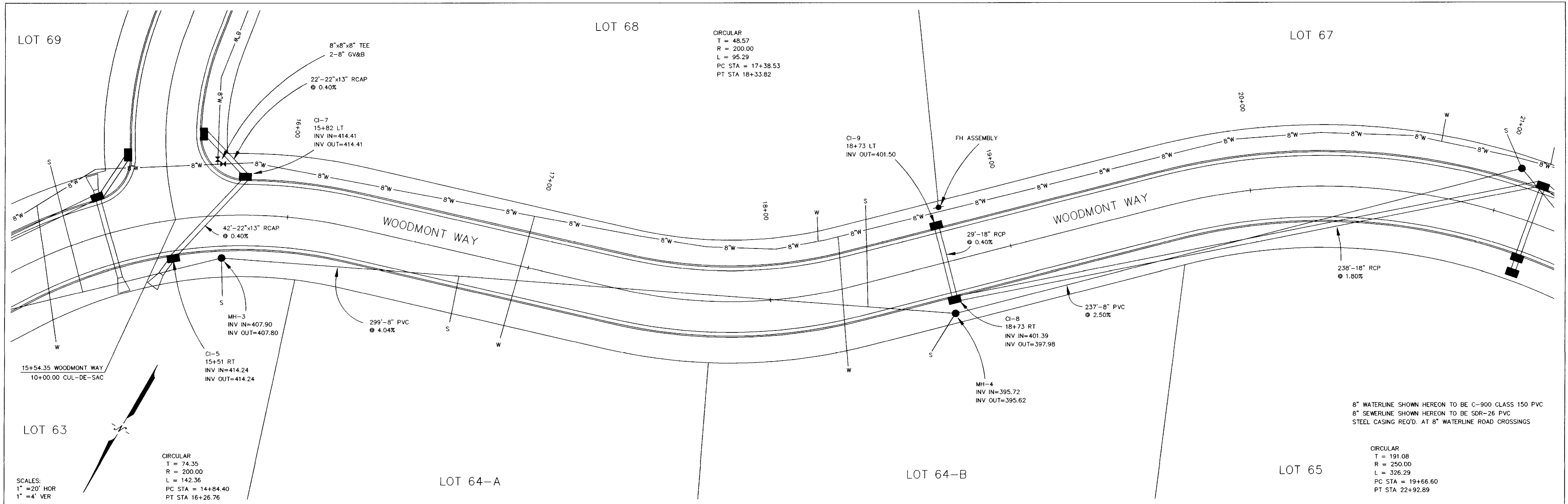
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 CHECKED BY: BCB APPROVED BY: NPW

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CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
 BRIDGEWATER SIX
 PLAN/PROFILE WOODMONT WAY
 B.O.P. TO 15+00

SHEET NO.
6



DATE	REVISION

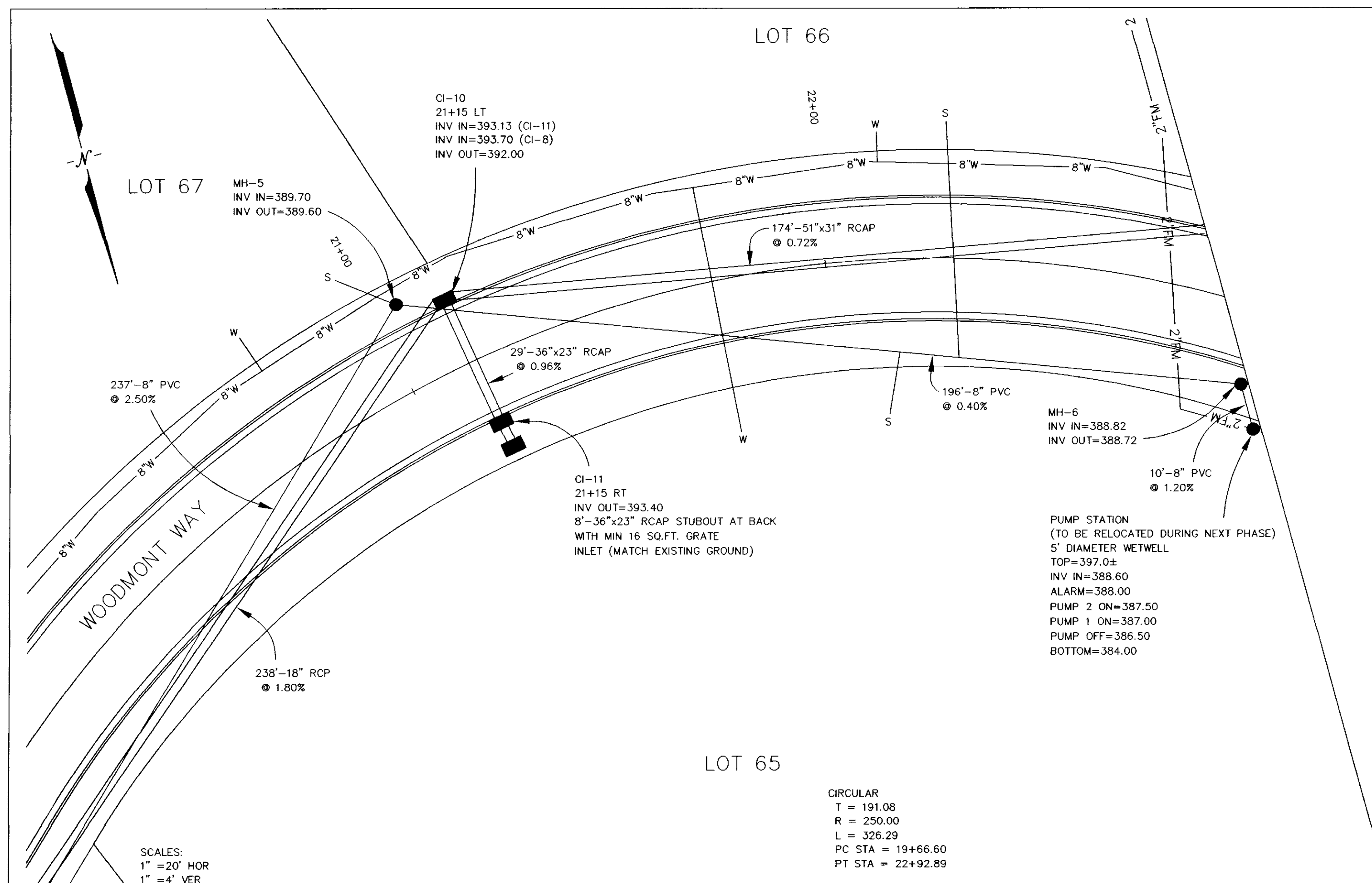
DRAWING NAME: D:\PROJECTS\158-01\DESIGN
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 DATE OF DRAWING: 11-01 PROJECT NO.: 158-01-001
 CHECKED BY: BCB APPROVED BY: NPW

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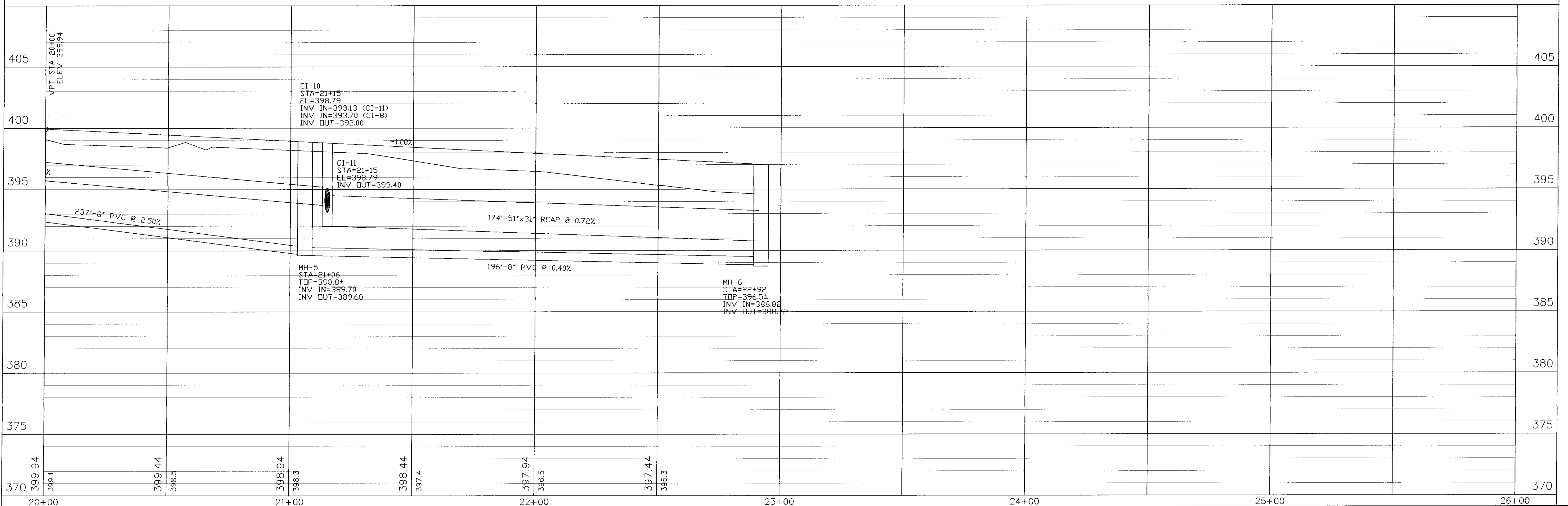
CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
 BRIDGEWATER SIX
 PLAN/PROFILE WOODMONT WAY
 15+00 TO 20+00

SHEET NO.
7



8" WATERLINE SHOWN HEREON TO BE C-900 CLASS 150 PVC
8" SEWERLINE SHOWN HEREON TO BE SDR-26 PVC
STEEL CASING REQ'D. AT 8" WATERLINE ROAD CROSSINGS
2" FORCEMAIN SHOWN HEREON TO BE CLASS 160 PVC



DATE	REVISION

DRAWING NAME: D:\PROJECTS\158-01\DESIGN
 DRAWN BY: NFW SCALE: AS SHOWN
 DATE OF DRAWING: 11-01 PROJECT NO.: 158-01-001
 CHECKED BY: BCB APPROVED BY: NFW

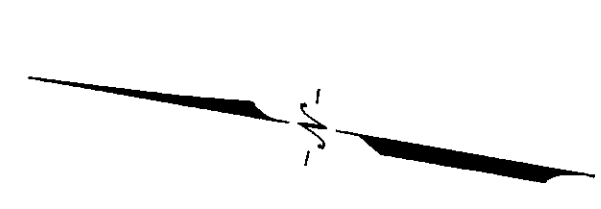
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CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
 BRIDGEWATER SIX
 PLAN/PROFILE WOODMONT WAY
 20+00 TO E.O.P.

SHEET NO.
8

SCALES:
1" = 20' HOR
1" = 4' VER



LOT 69

CIRCULAR
T = 35.90
R = 300.00
L = 71.47
PC STA = 12+02.88
PT STA = 12+74.34

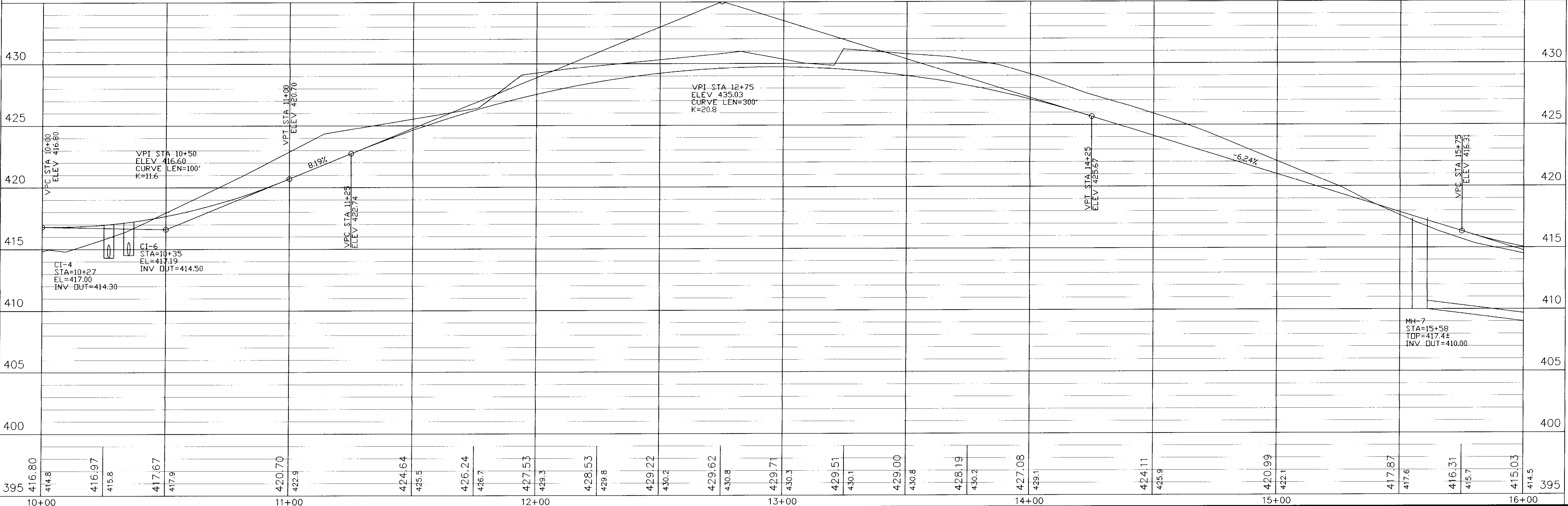
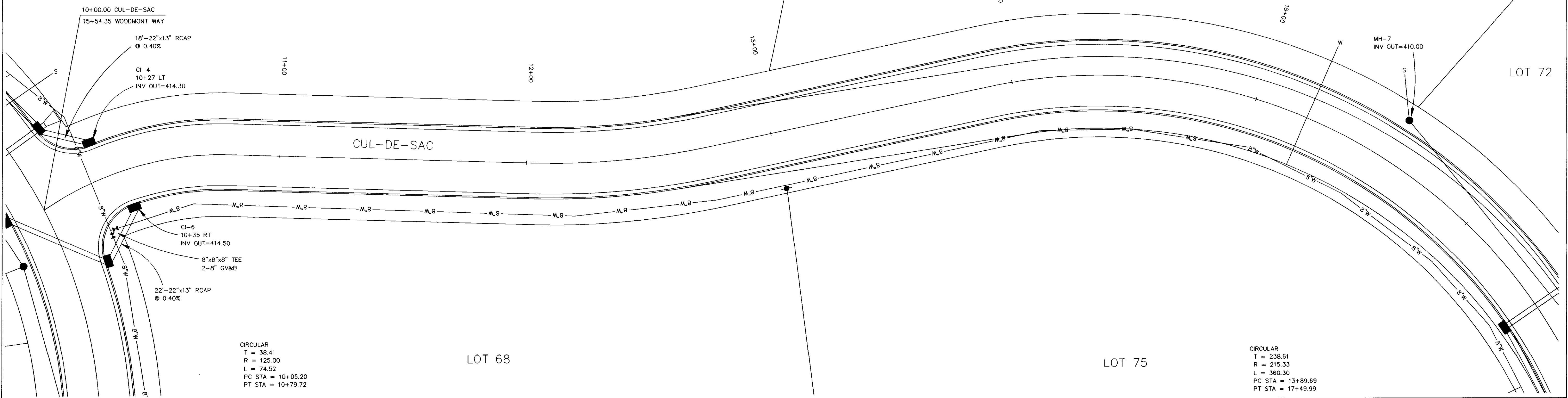
8" WATERLINE SHOWN HEREON TO BE C-900 CLASS 150 PVC
8" SEWERLINE SHOWN HEREON TO BE SDR-26 PVC
STEEL CASING REQ'D. AT 8" WATERLINE ROAD CROSSINGS

LOT 71

LOT 72

LOT 68

LOT 75



DATE	REVISION

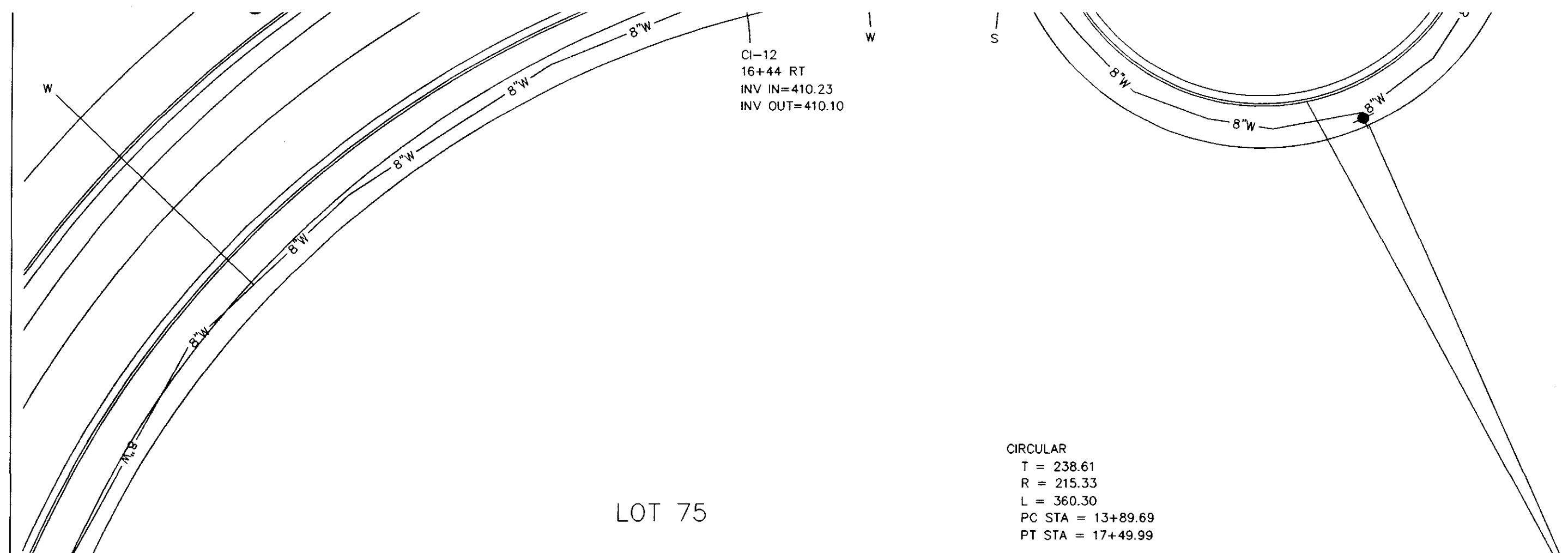
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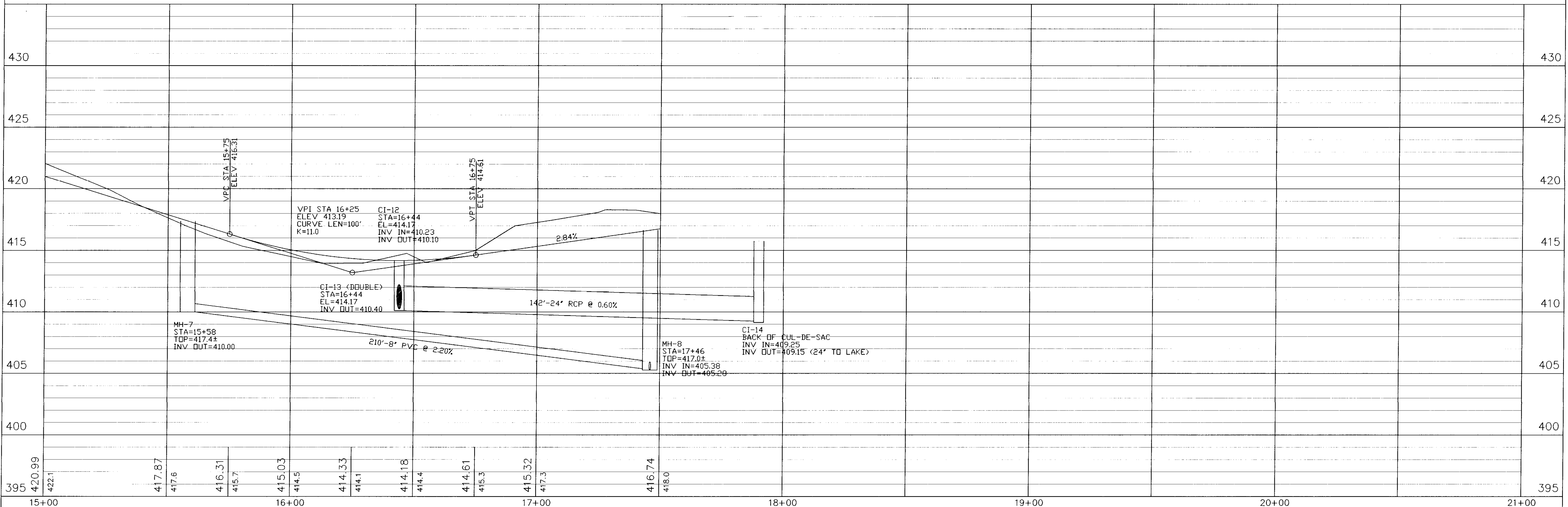
CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
 BRIDGEWATER SIX
 PLAN/PROFILE CUL-DE-SAC
 B.O.P. TO 15+00

SHEET NO.
9



8" WATERLINE SHOWN HEREON TO BE C-900 CLASS 150 PVC
 8" SEWERLINE SHOWN HEREON TO BE SDR-26 PVC



DATE	REVISION

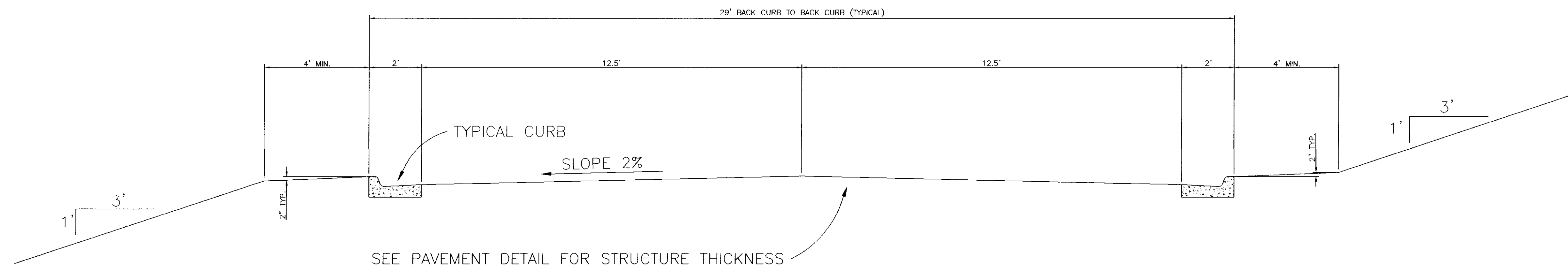
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 CHECKED BY: BCB APPROVED BY: NPW

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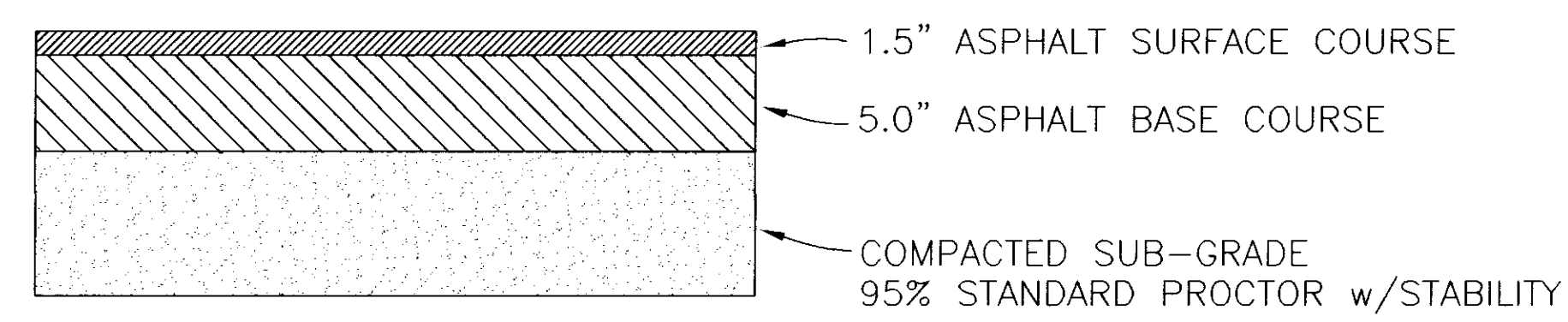
CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
 BRIDGEWATER SIX
 PLAN/PROFILE CUL-DE-SAC
 15+00 TO E.O.P.

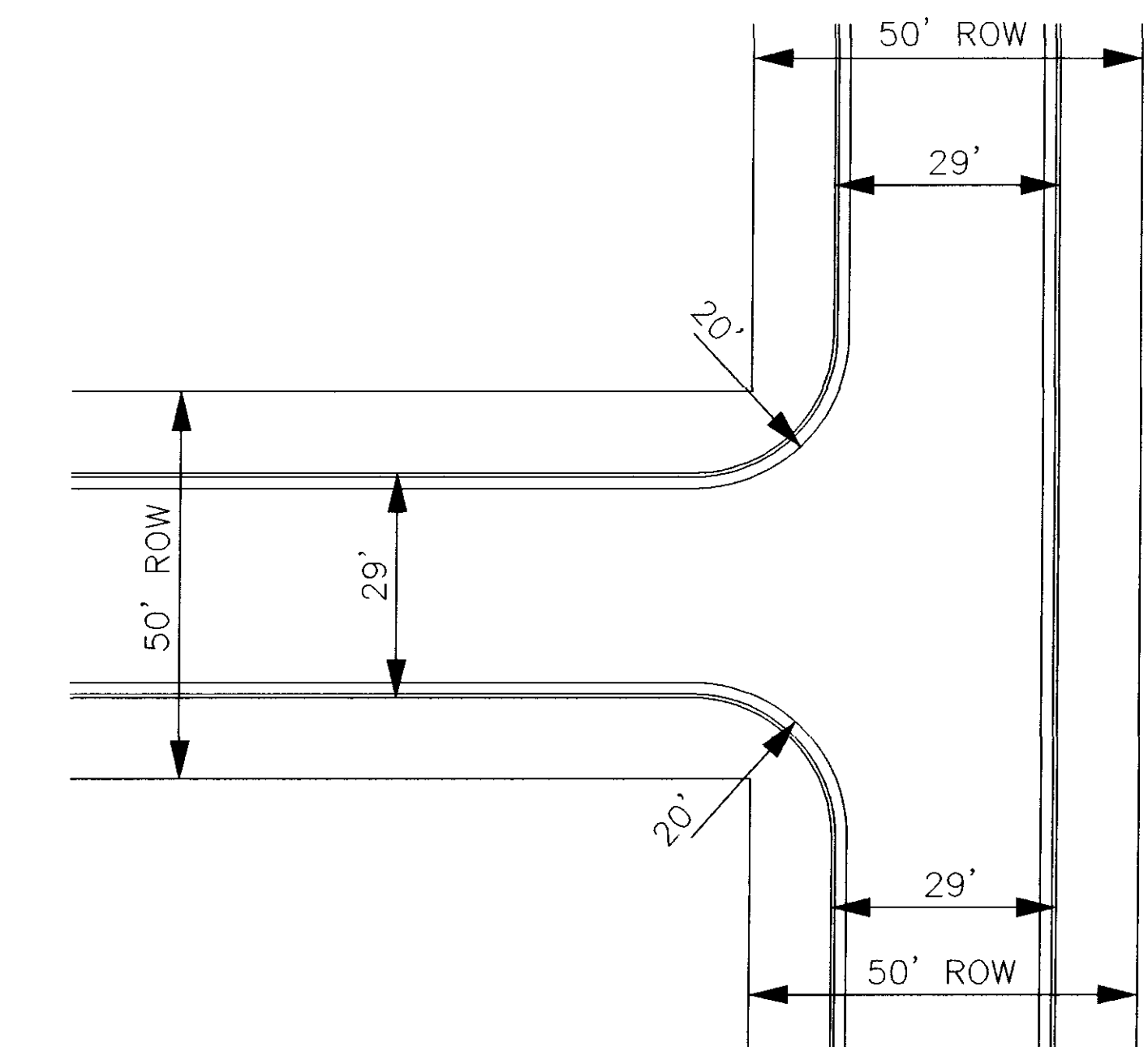
SHEET NO.
10



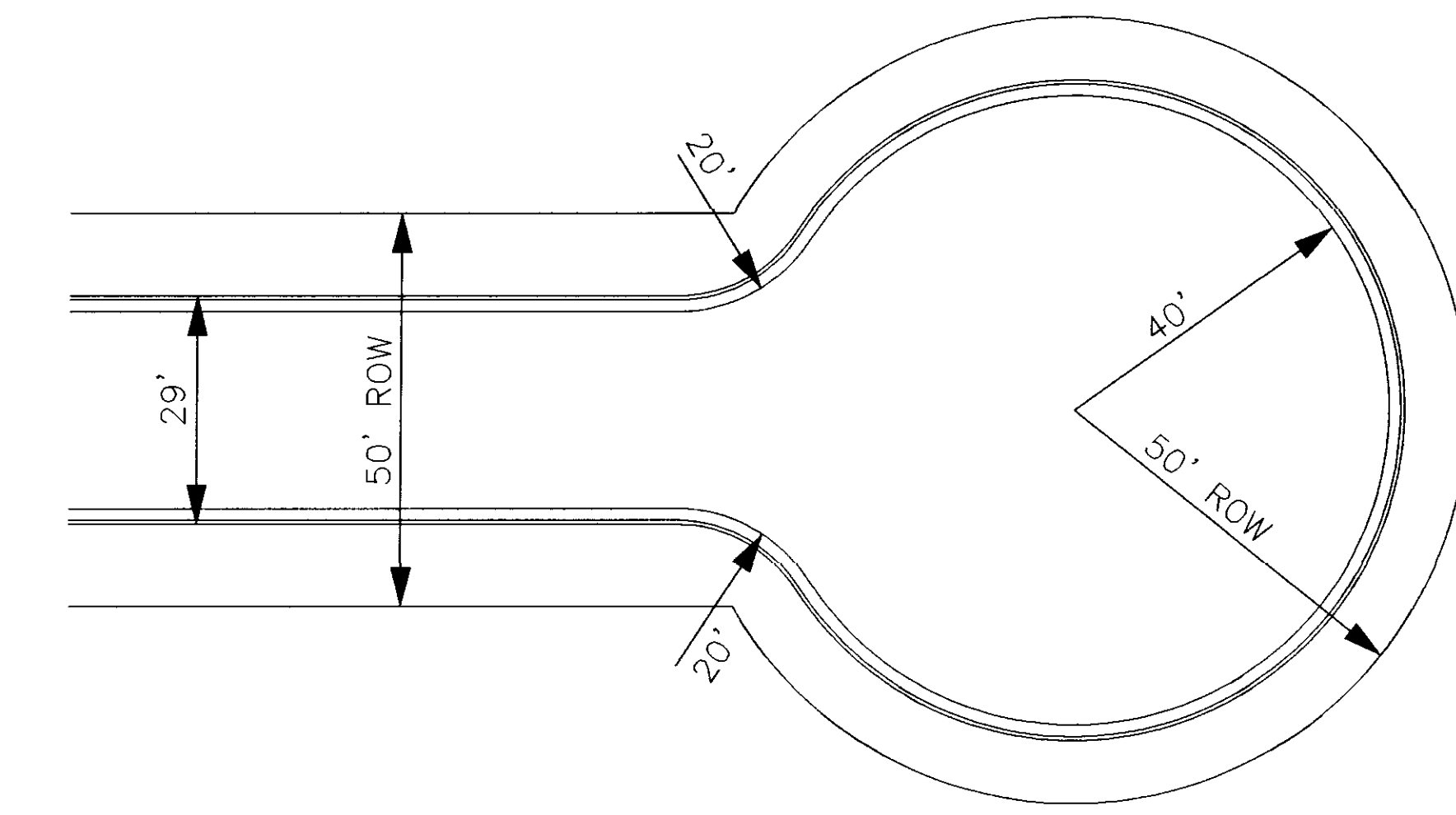
TYPICAL CURB AND GUTTER SECTION



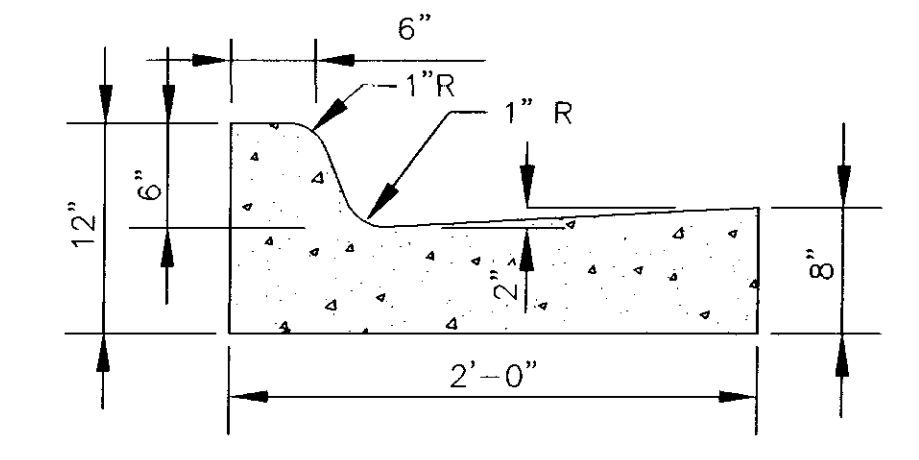
TYPICAL MINIMUM ASPHALT PAVEMENT
N.T.S.



TYPICAL INTERSECTION DETAIL
N.T.S.



TYPICAL CUL-DE-SAC DETAIL
N.T.S.



STANDARD CURB AND GUTTER
N.T.S.

DATE	REVISION

DRAWING NAME: D:\PROJECTS\158-01\ASBUILT\TYPSEC.DWG
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 DATE OF DRAWING: 11-01 PROJECT NO.: 158-01-001
 CHECKED BY: APPROVED BY:

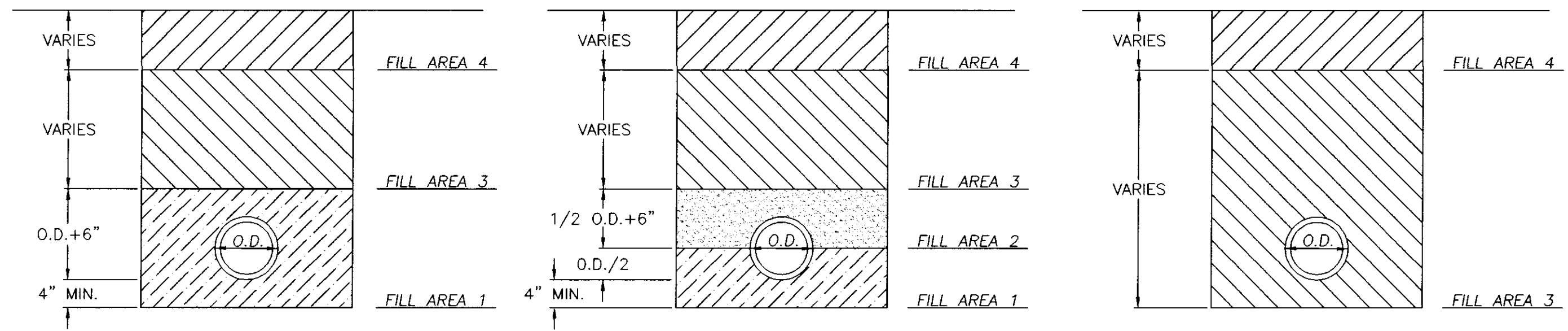
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CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
 BRIDGEWATER SIX
 TYPICAL SECTIONS

SHEET NO.
12

FILL AREA 1 (all locations) - 6" MAXIMUM LOOSE LIFTS, HAND OR MECHANICALLY TAMPED TO 95% DENSITY.
 FILL AREA 2 (all locations) - 6" MAXIMUM LOOSE LIFTS, HAND OR MECHANICALLY TAMPED TO 95% DENSITY.
 FILL AREA 3 (select locations) - 12" MAXIMUM LOOSE LIFTS, MECHANICALLY TAMPED TO 95% DENSITY.
 FILL AREA 4 - SEE PAVEMENT REPLACEMENT DETAIL FOR PAVED AREAS, AT OTHER LOCATIONS BRING FILL AREA 3 TO SURFACE.

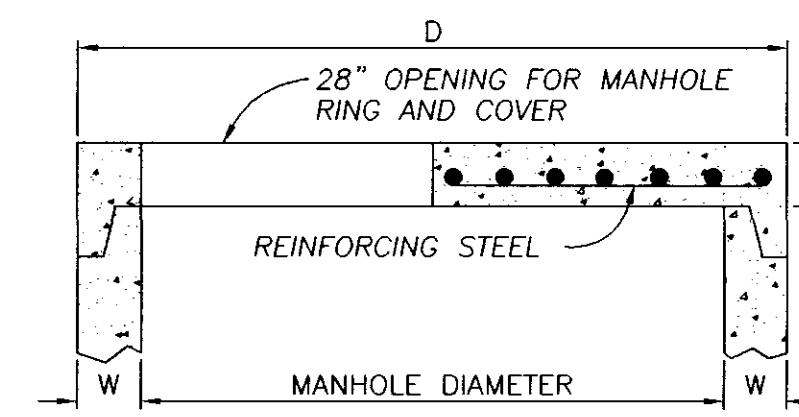


CLASS B
N.T.S.

CLASS C
N.T.S.

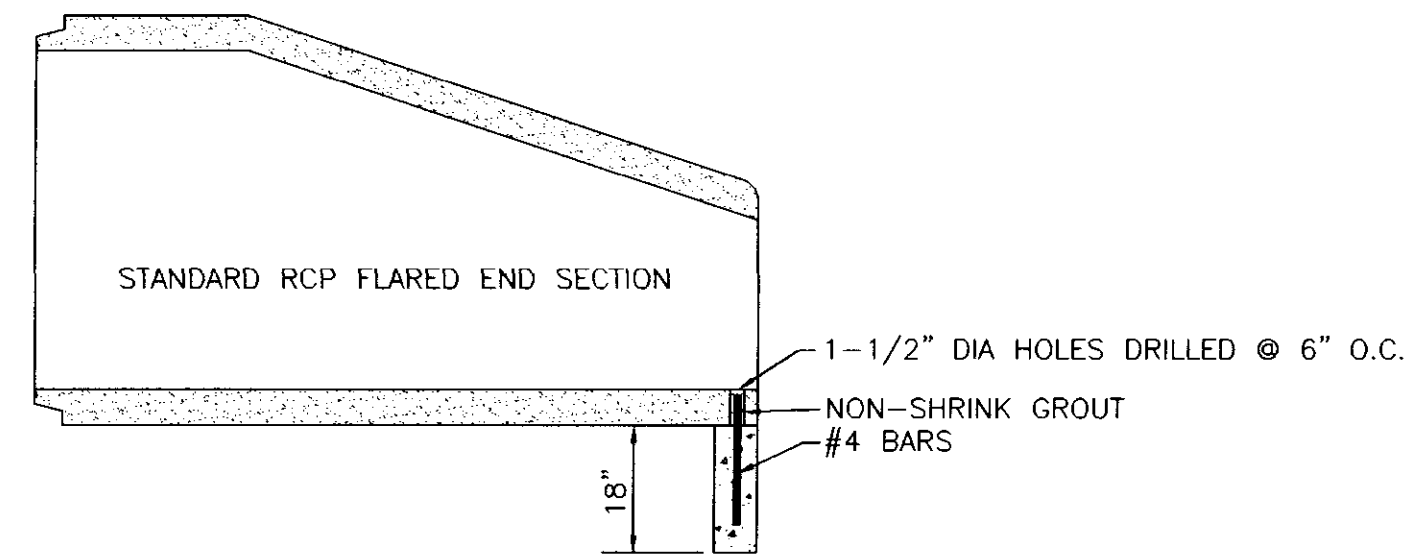
CLASS D
N.T.S.

BEDDING / BACKFILLING DETAILS
N.T.S.

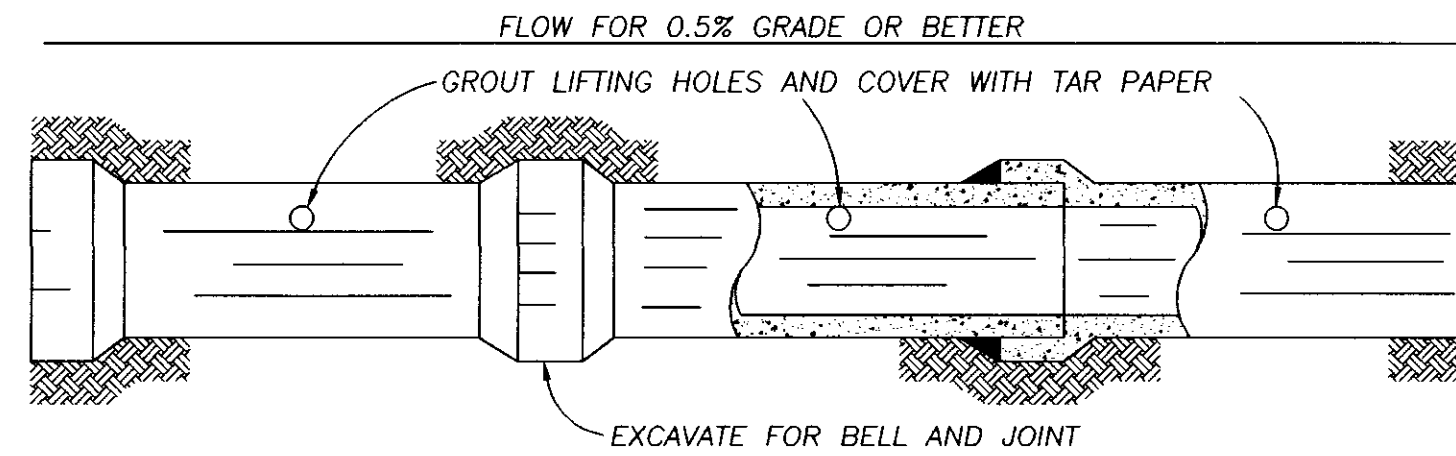


FLAT SLAB MANHOLE TOP
N.T.S.

DIMENSION TABLE			
PIPE DIAMETER	W	D	T
48"	5"	58"	6"
60"	6"	72"	8"
72"	7"	86"	8"
84"	8"	100"	8"
96"	9"	114"	8"
108"	10"	128"	8"

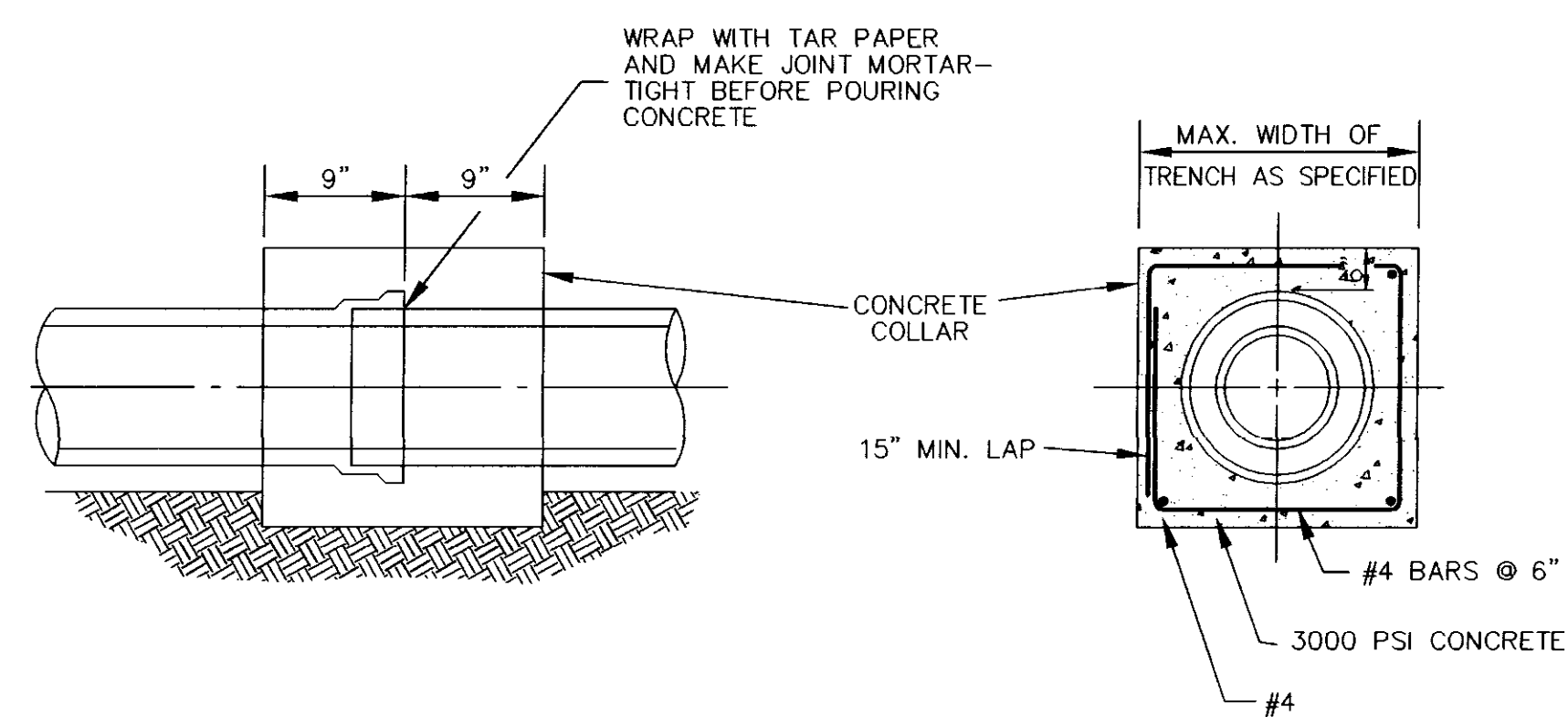


TYPICAL SECTION - F.E.S. W/TOE WALL

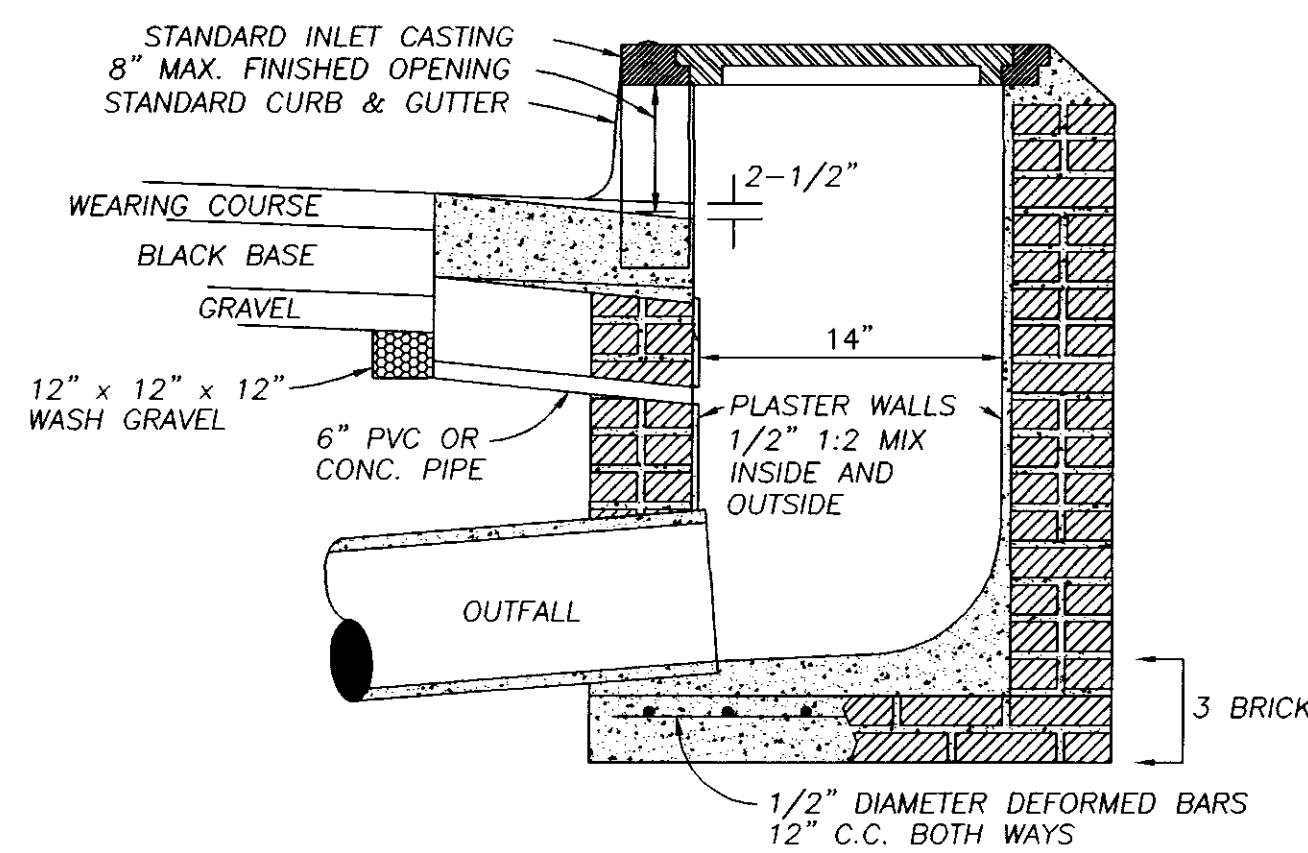


NOTE: ALL STORM SEWER JOINTS TO BE WIPED WITH 1:2 MIX CEMENT.

STORM SEWER CONSTRUCTION

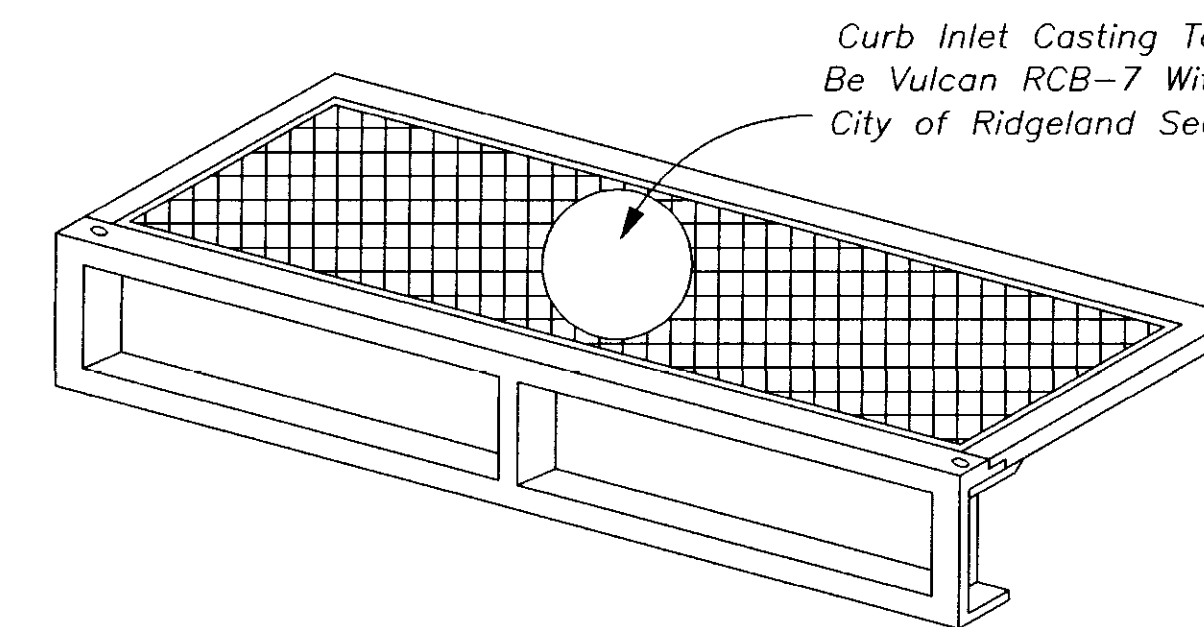


TYPICAL DETAIL OF CONCRETE COLLAR
N.T.S.

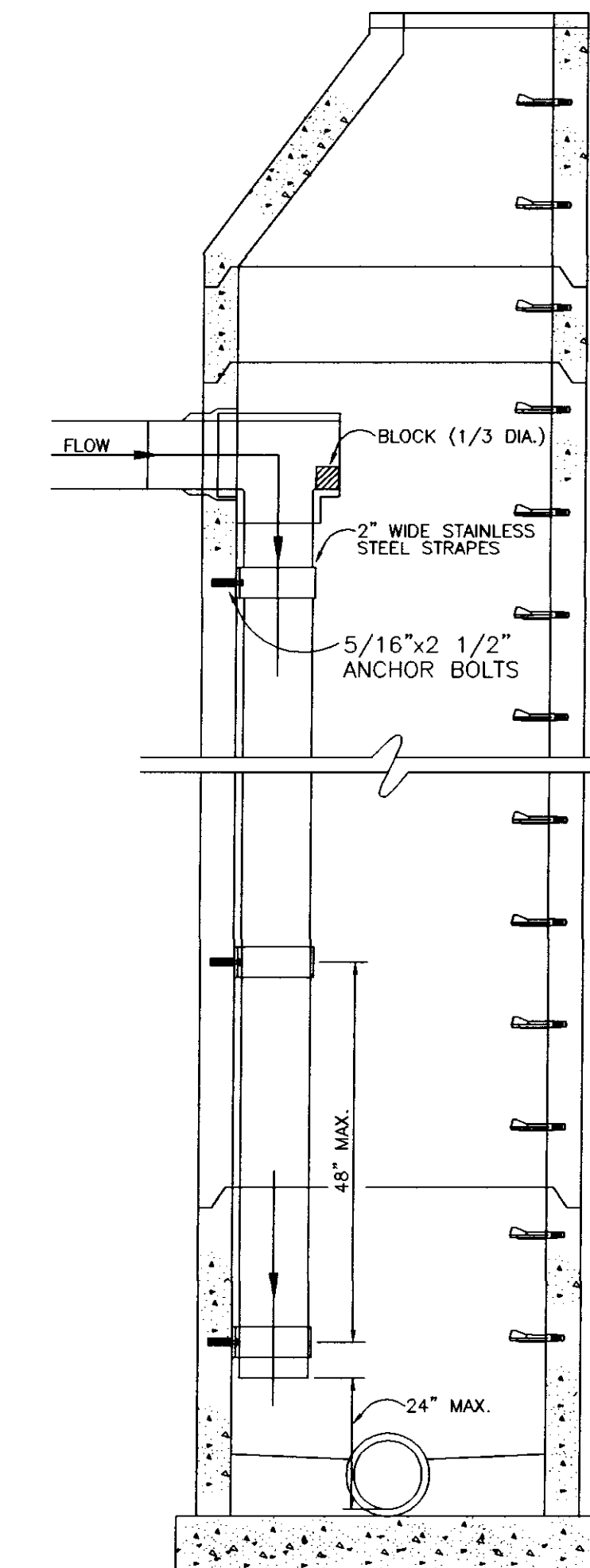


NOTES: 1. DEPTH OF INLET IS VARIABLE.
2. SOIL DRAIN COST IS TO BE INCLUDED IN THE CONSTRUCTION OF THE INLET.

SECTION OF STANDARD CURB INLET
N.T.S.



STANDARD CURB INLET CASTING
N.T.S.



SECTION OF DROP INTERIOR DROP MANHOLE
N.T.S.

DATE	REVISION

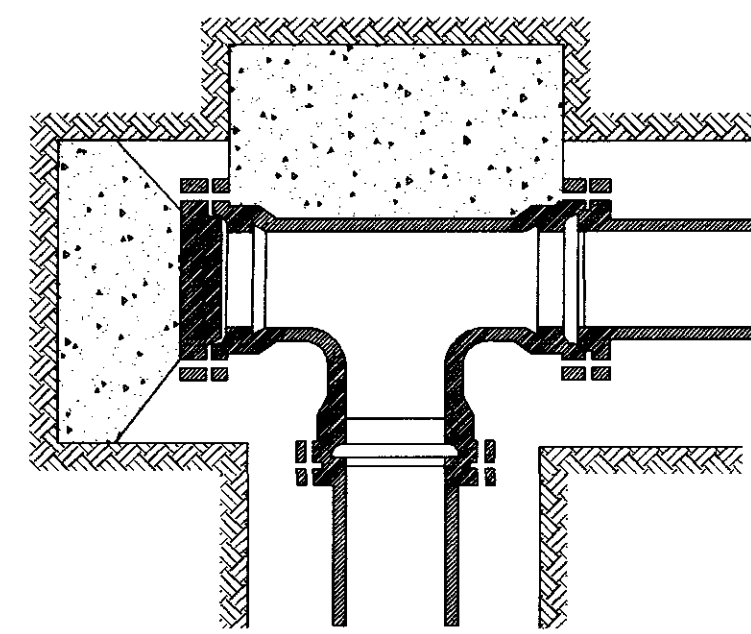
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 DRAWN BY: B. C. B. SCALE: AS SHOWN
 DATE OF DRAWING: 11-01 PROJECT NO.: 158-01-001
 CHECKED BY: APPROVED BY:

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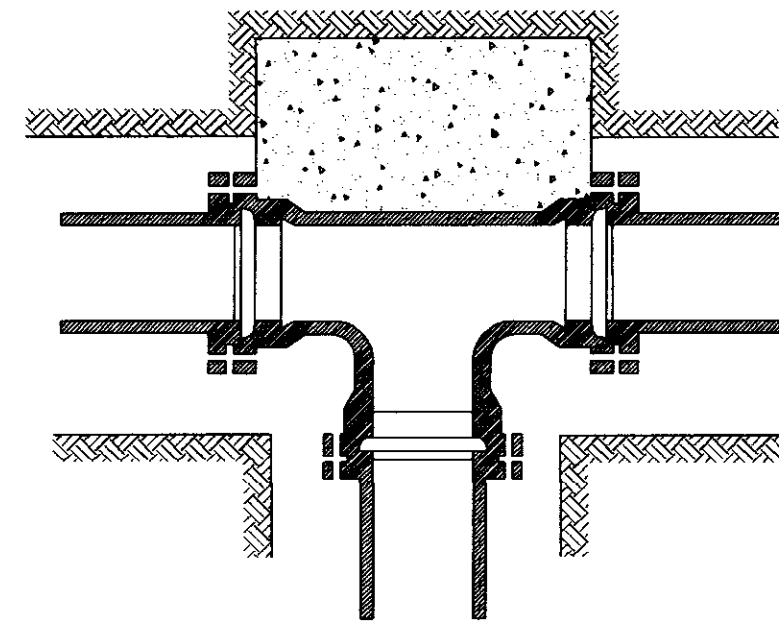
CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
 BRIDGEWATER SIX
 MISCELLANEOUS DETAILS

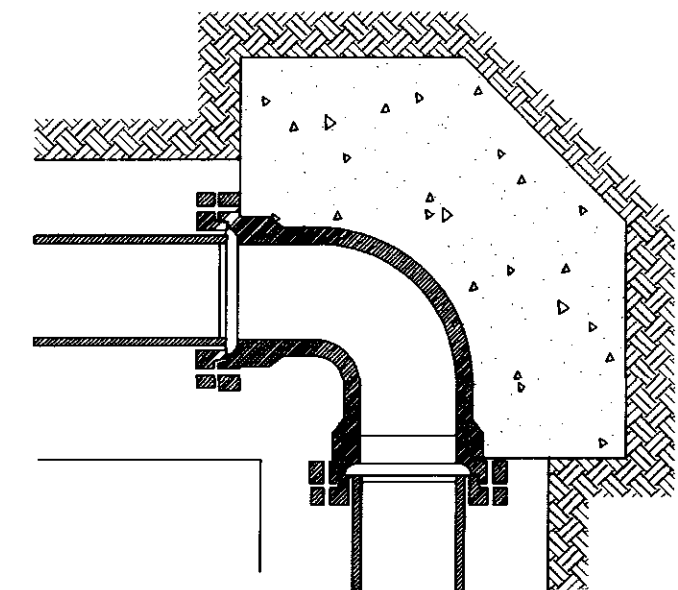
SHEET NO.
13



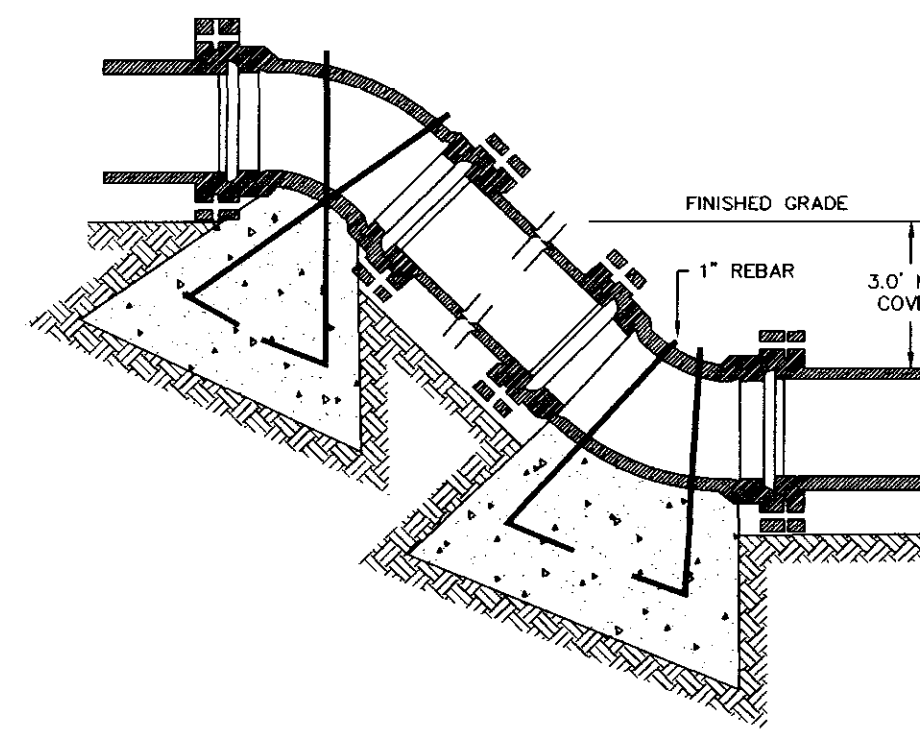
PLUGGED TEE



TEE



90° BENDS



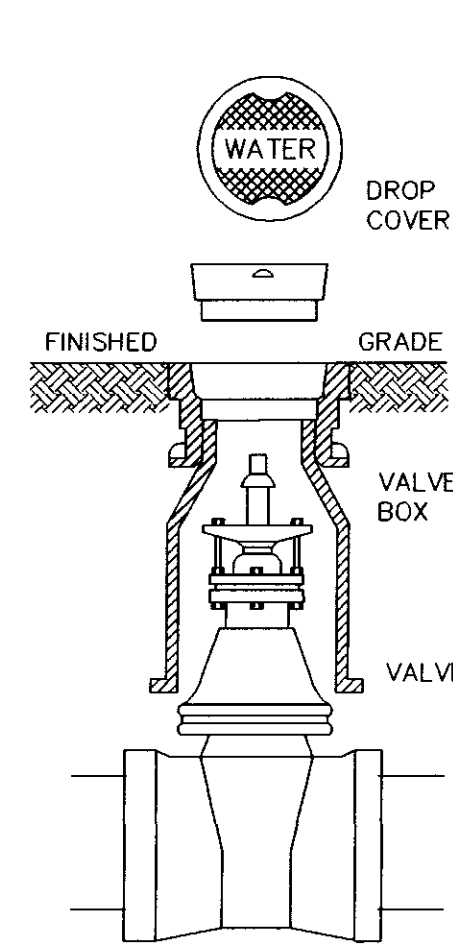
VERTICAL BENDS

NOMINAL PIPE DIAMETER (IN.)	DEAD END OR TEE	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
4	2.0	2.0	2.0	2.0	2.0
6	2.0	2.0	2.0	2.0	2.0
8	3.0	3.0	2.0	2.0	2.0
12	5.0	6.0	4.0	3.0	3.0
16	8.0	12.0	6.0	4.0	4.0
4	—	—	6.0 (.22)	4.0 (.15)	4.0 (.15)
6	—	—	14.0 (.52)	6.0 (.22)	4.0 (.15)
8	—	—	27.0 (1.0)	9.0 (.33)	6.0 (.22)
12	—	—	68.0 (2.5)	22.0 (.80)	9.0 (.33)
16	—	—	90. (3.33)	52.0 (1.9)	18.0 (.67)

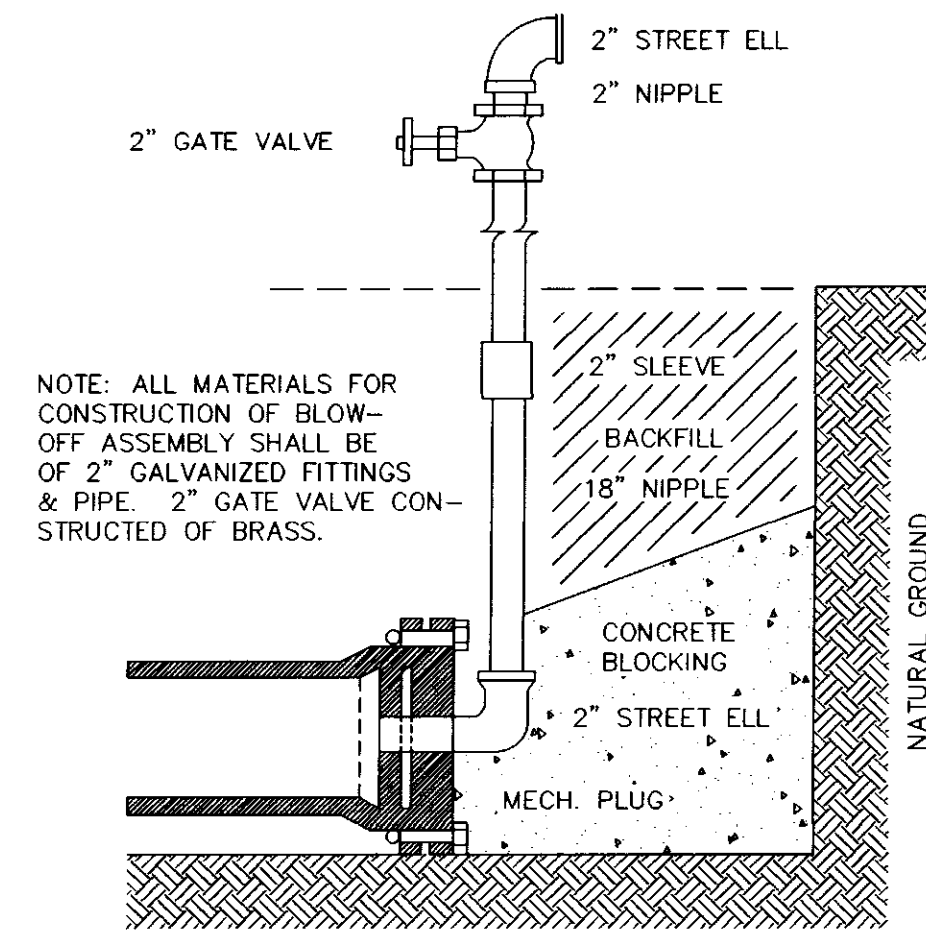
Volume of blocks including soil load CU.FT. (CU.YDS.)

BEARING AREA IN SQ. FT.

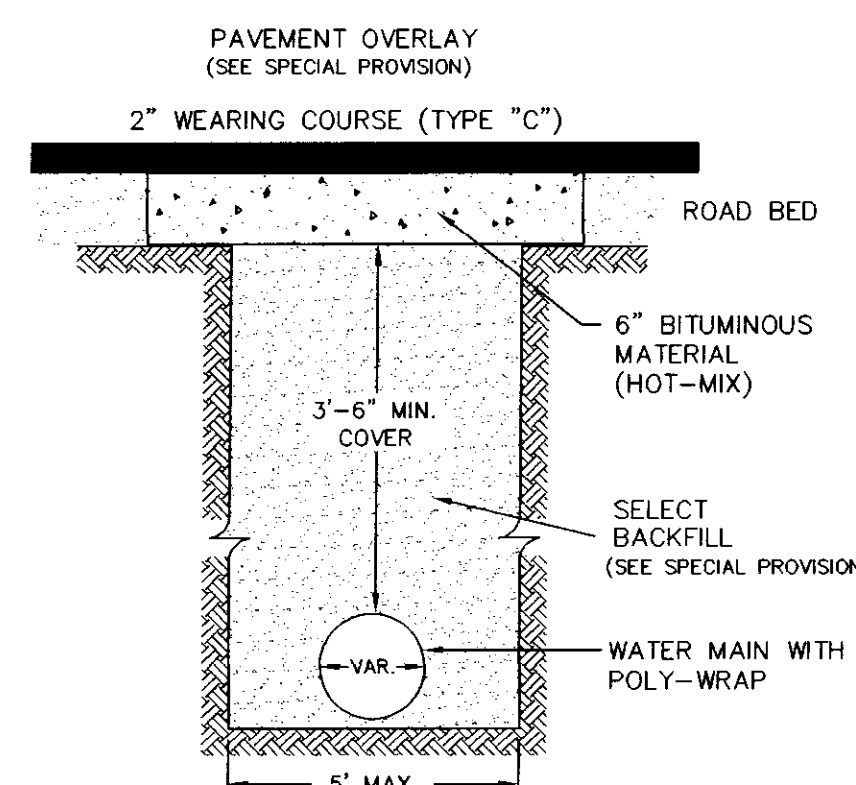
TYPICAL THRUST BLOCK INSTALLATION



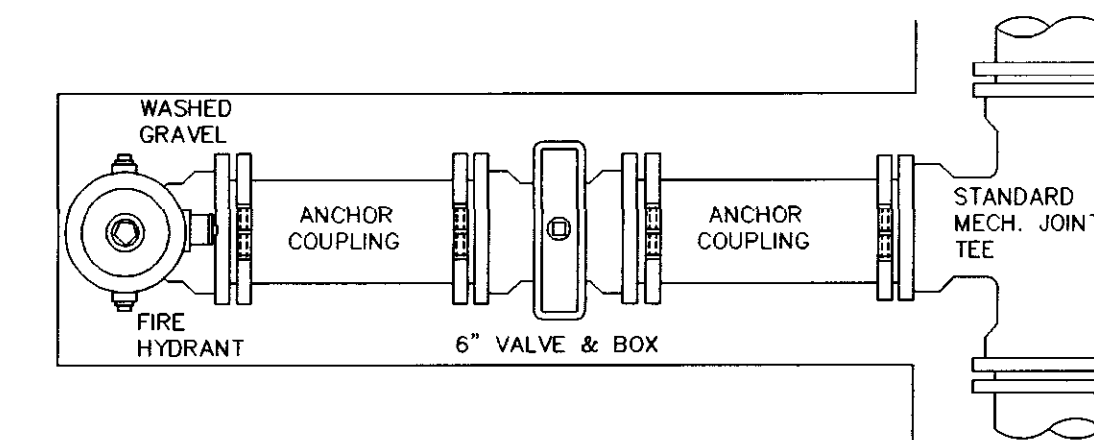
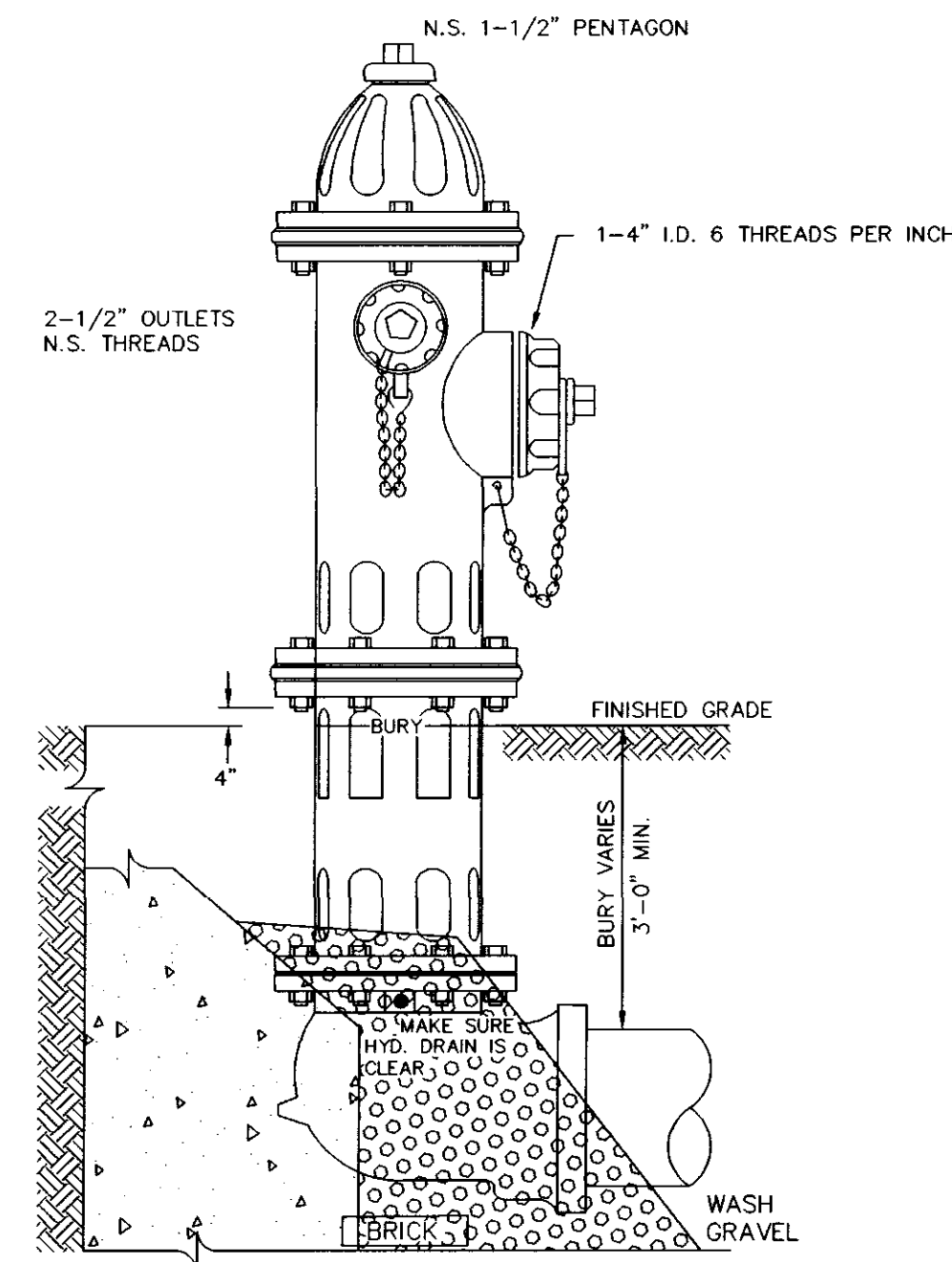
TYPICAL VALVE BOX



TYPICAL BLOW-OFF ASSEMBLY

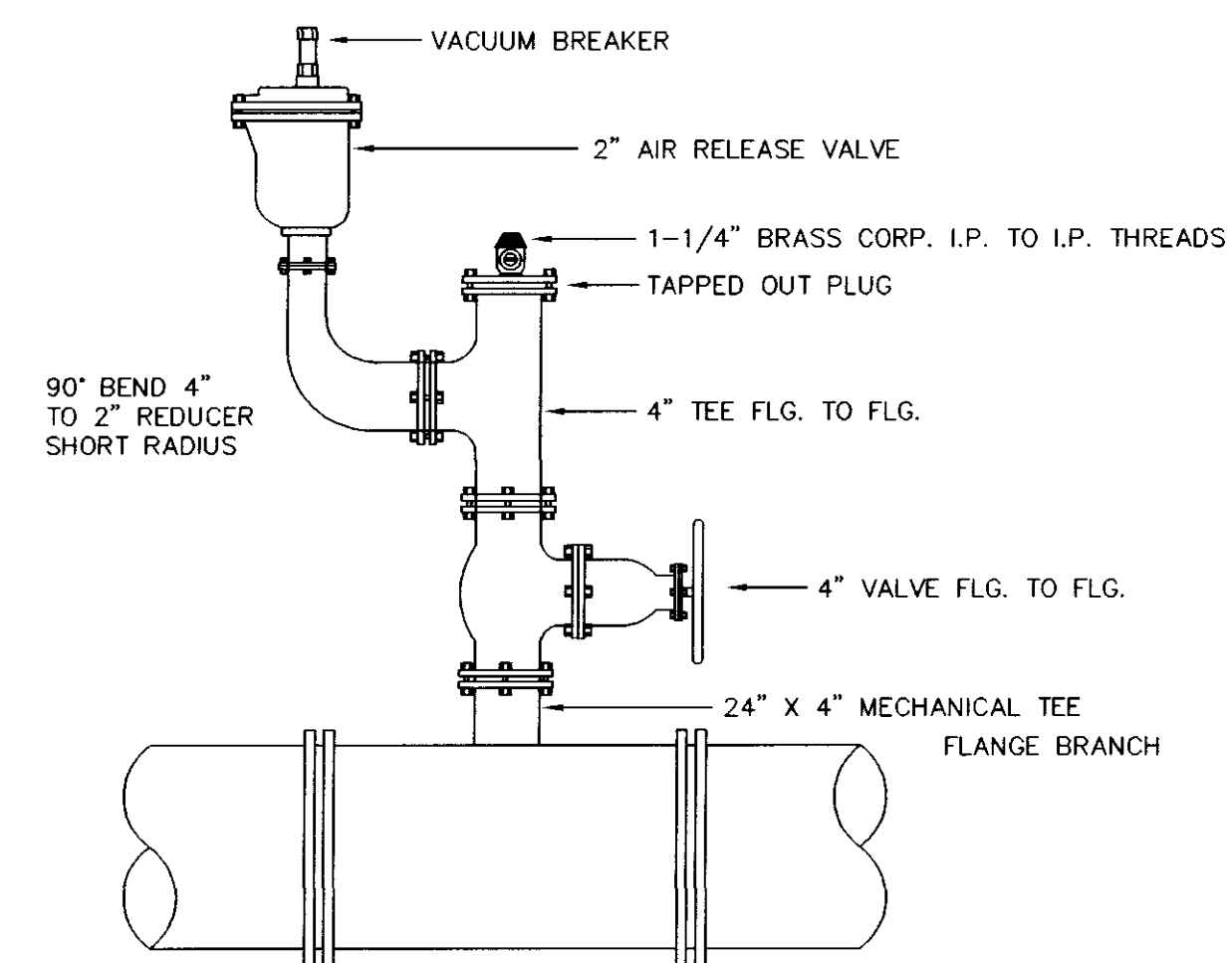


TYPICAL STREET REPAIR



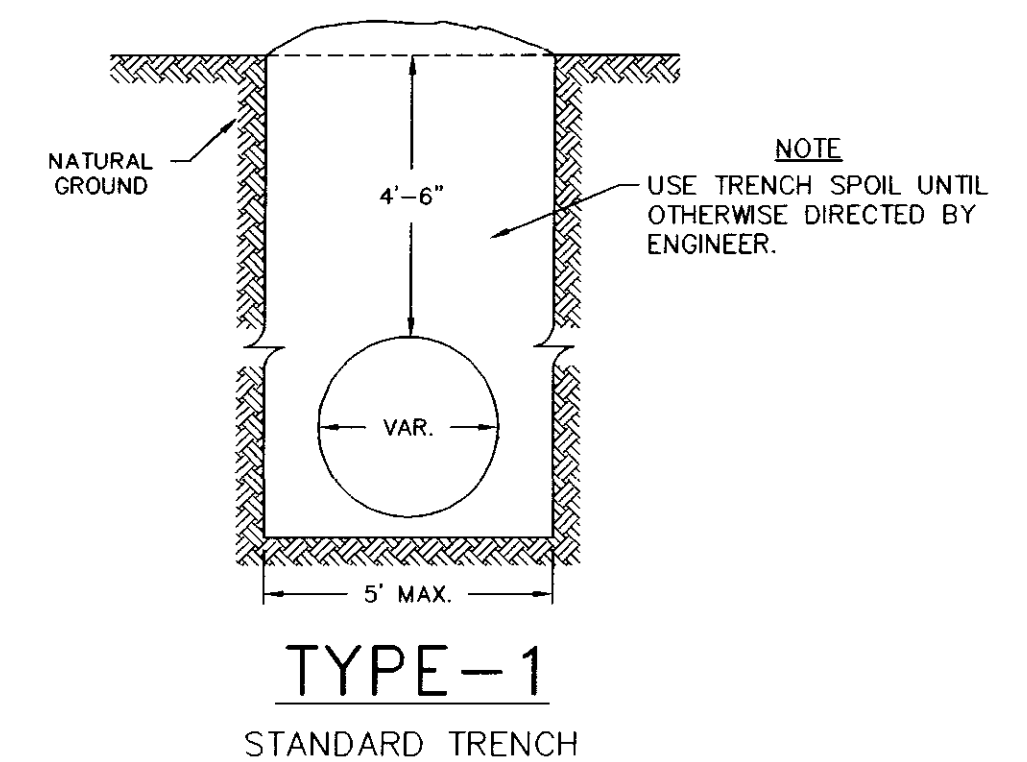
NOTE: GATE VALVES WILL BE REQUIRED ON ALL FIRE HYDRANT LEGS.

TYPICAL FIRE HYDRANT INSTALLATION



TYPE-2 TYPICAL AIR RELEASE VALVE

NOTE: STANDARD 5' (FIVE FOOT) PRECAST CONCRETE MANHOLE USED IN LIEU OF TYPICAL SECTION 1-1. CENTER OF MANHOLE LID TO BE IN LINE WITH CORPORATION.



TYPE-1 STANDARD TRENCH

DATE	REVISION

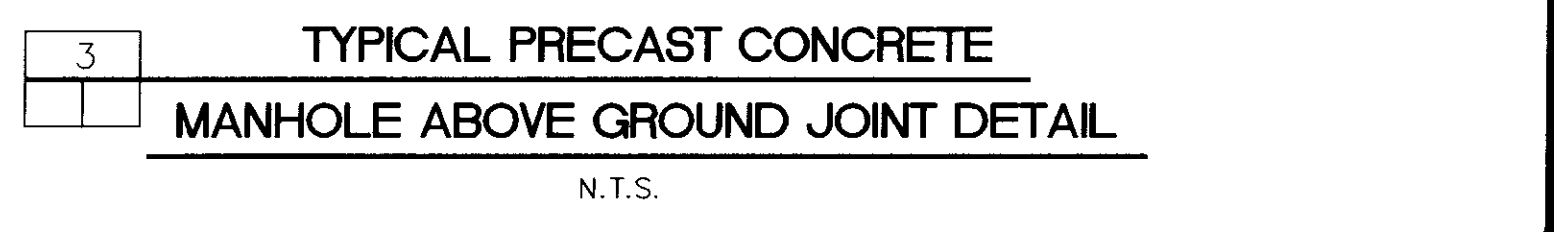
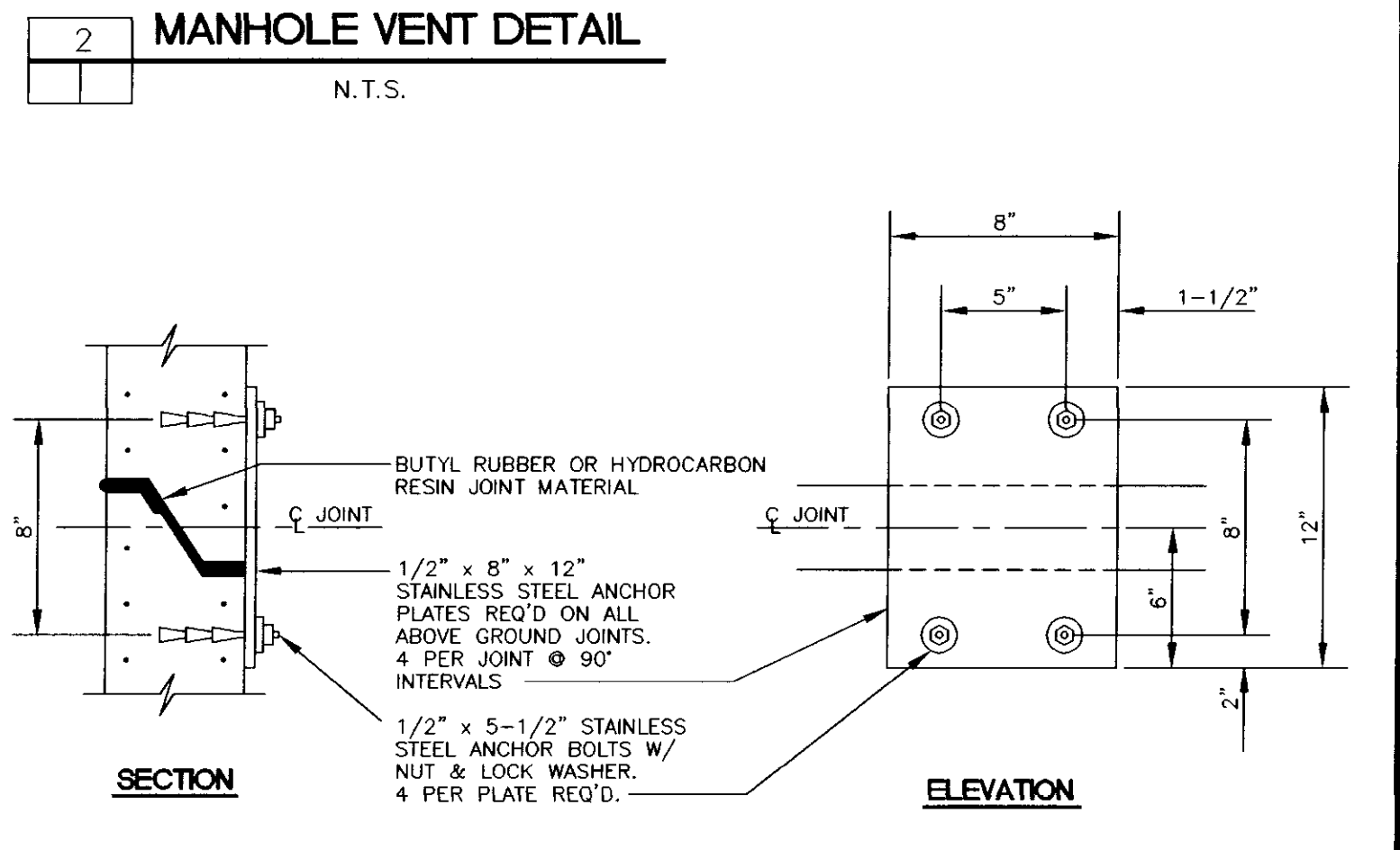
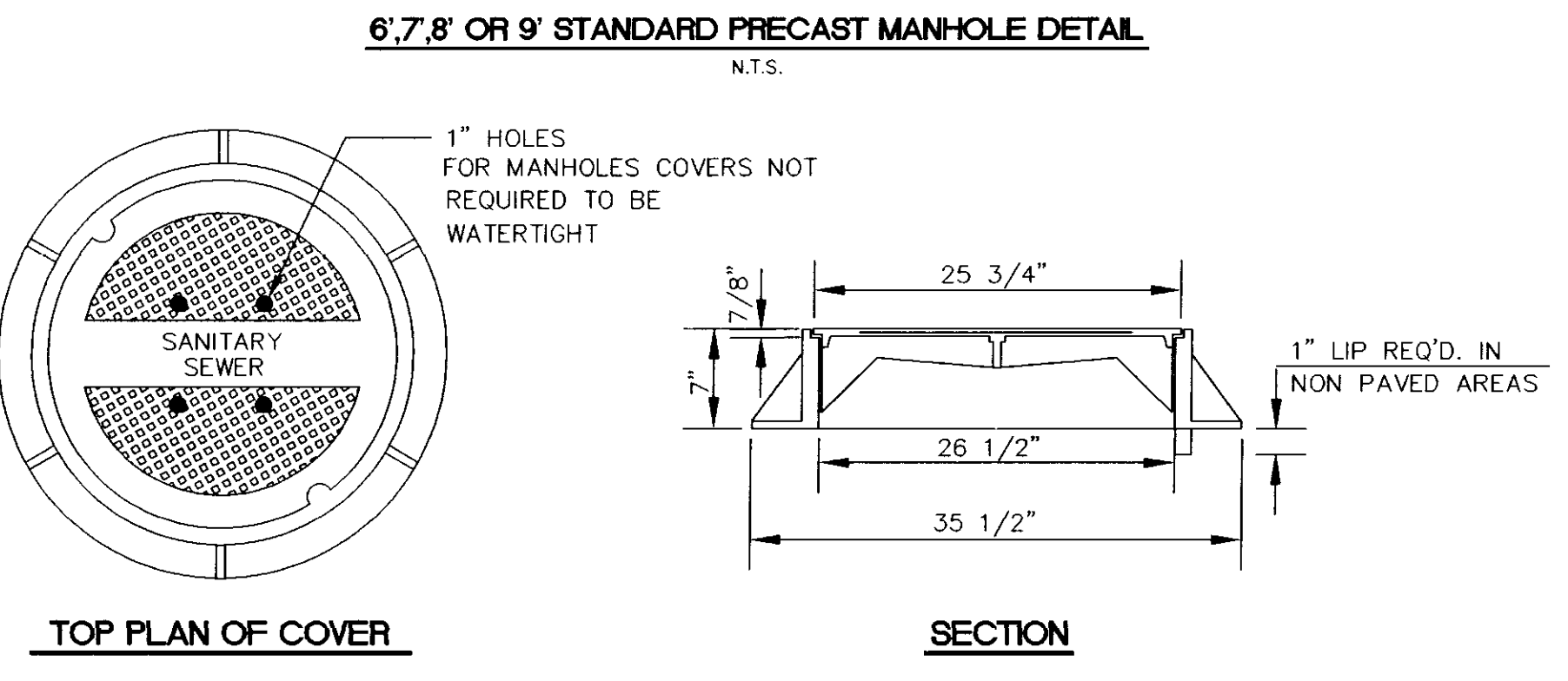
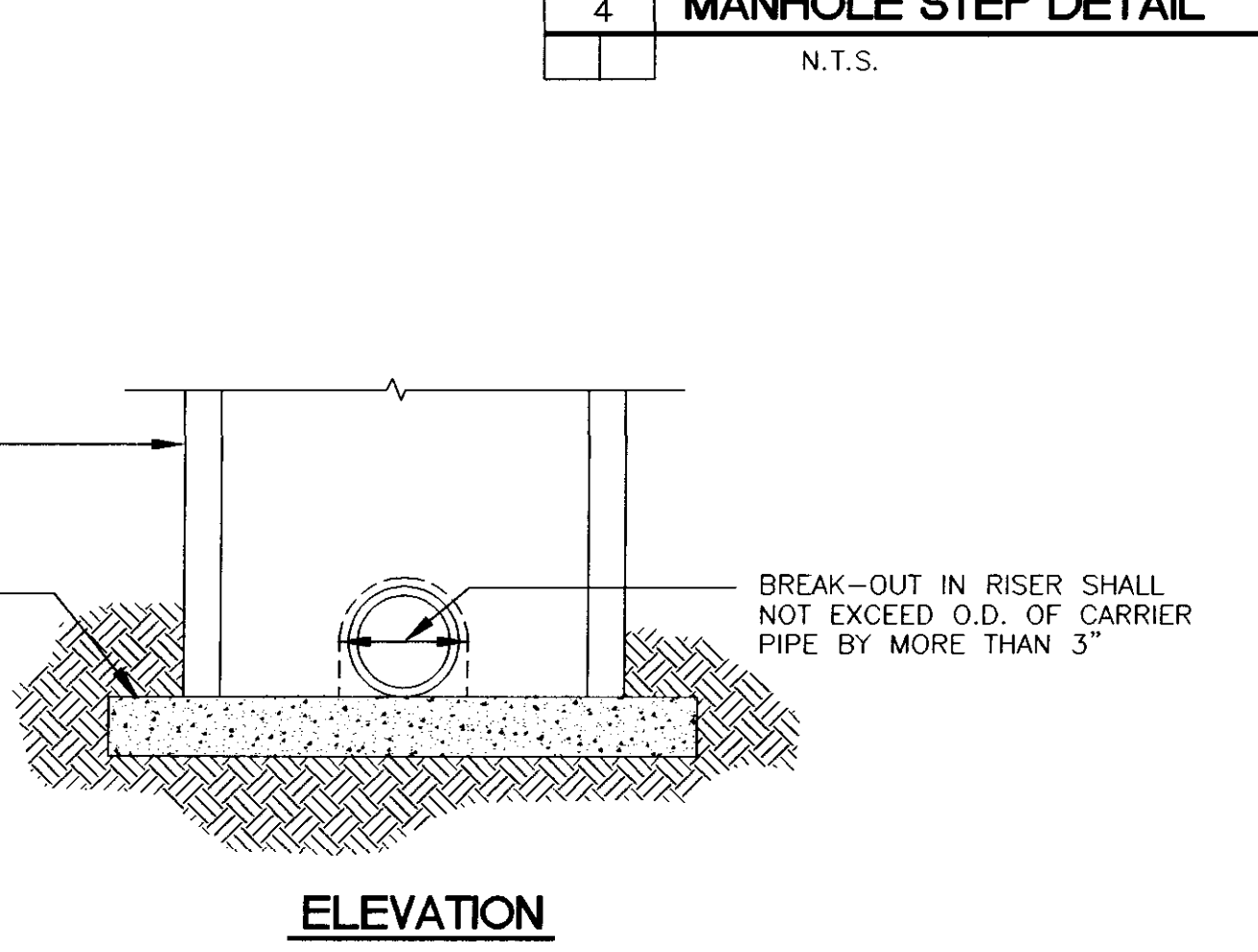
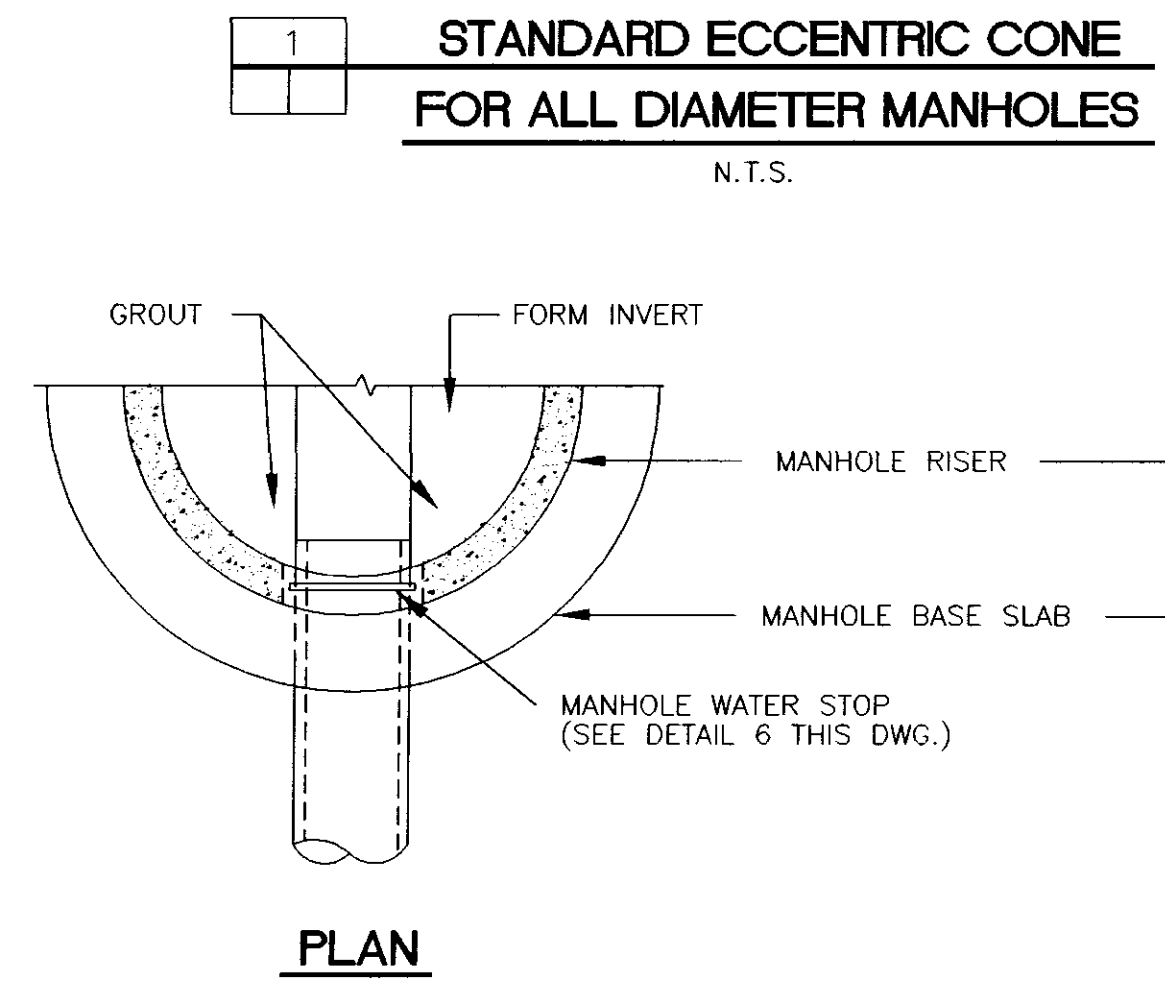
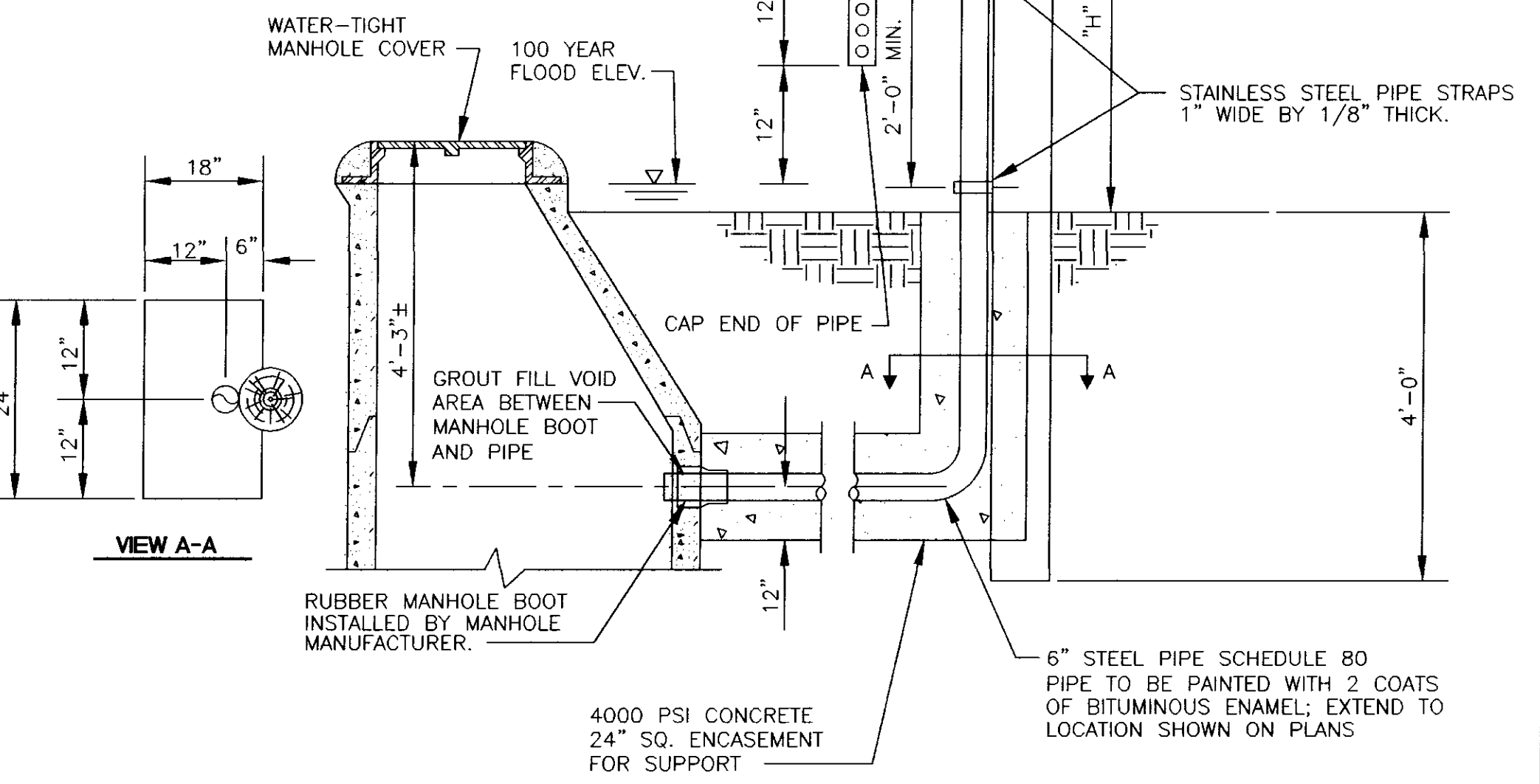
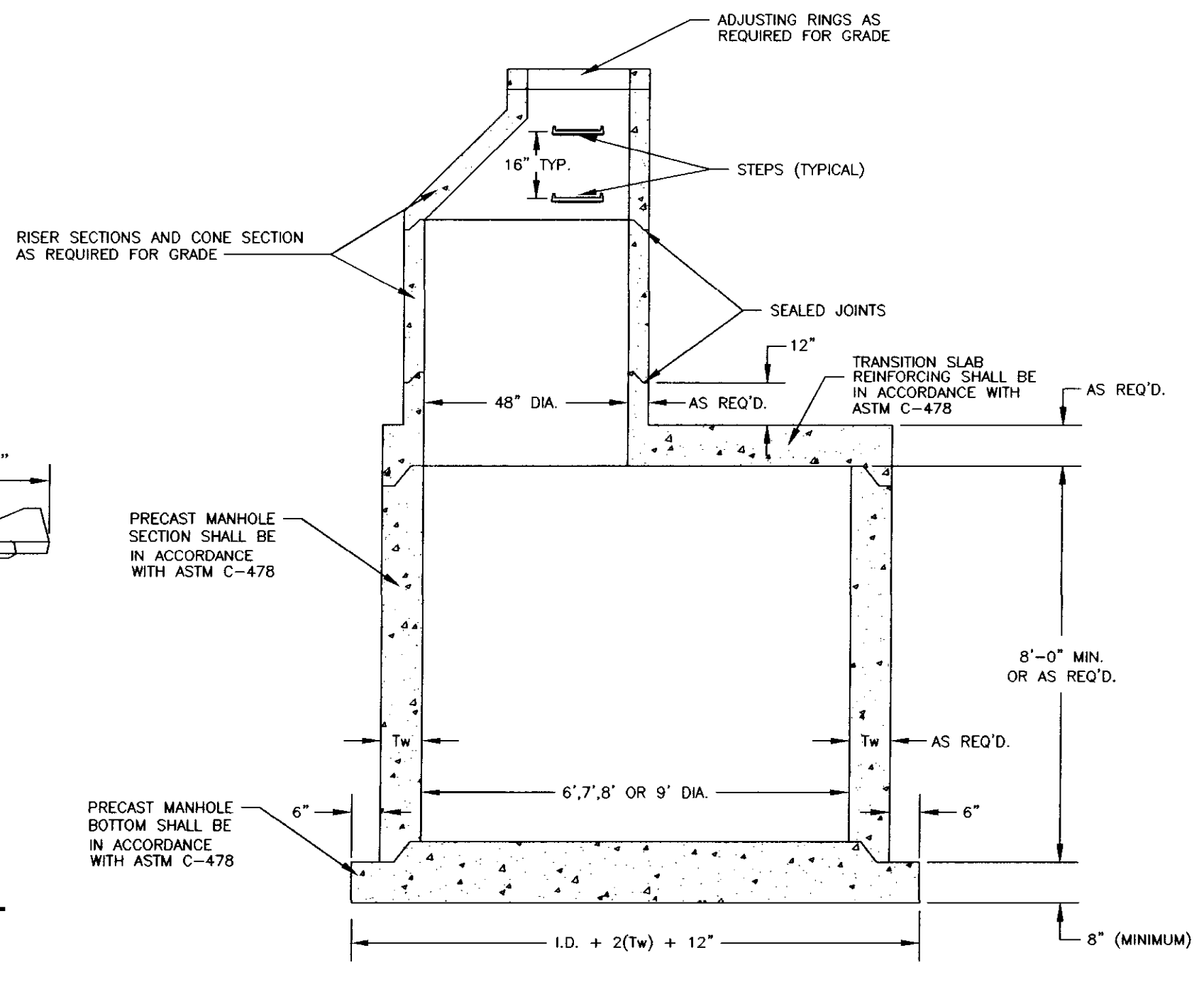
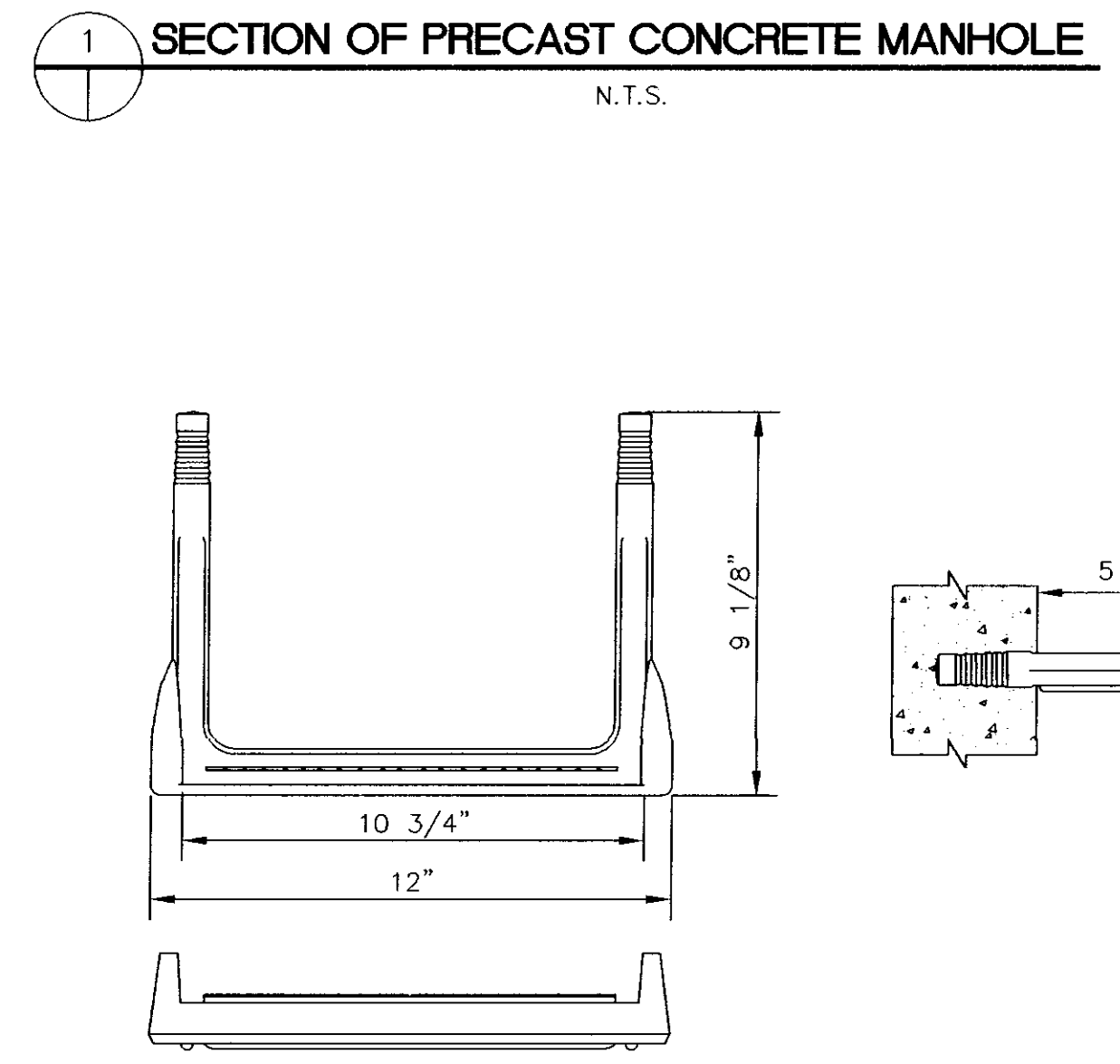
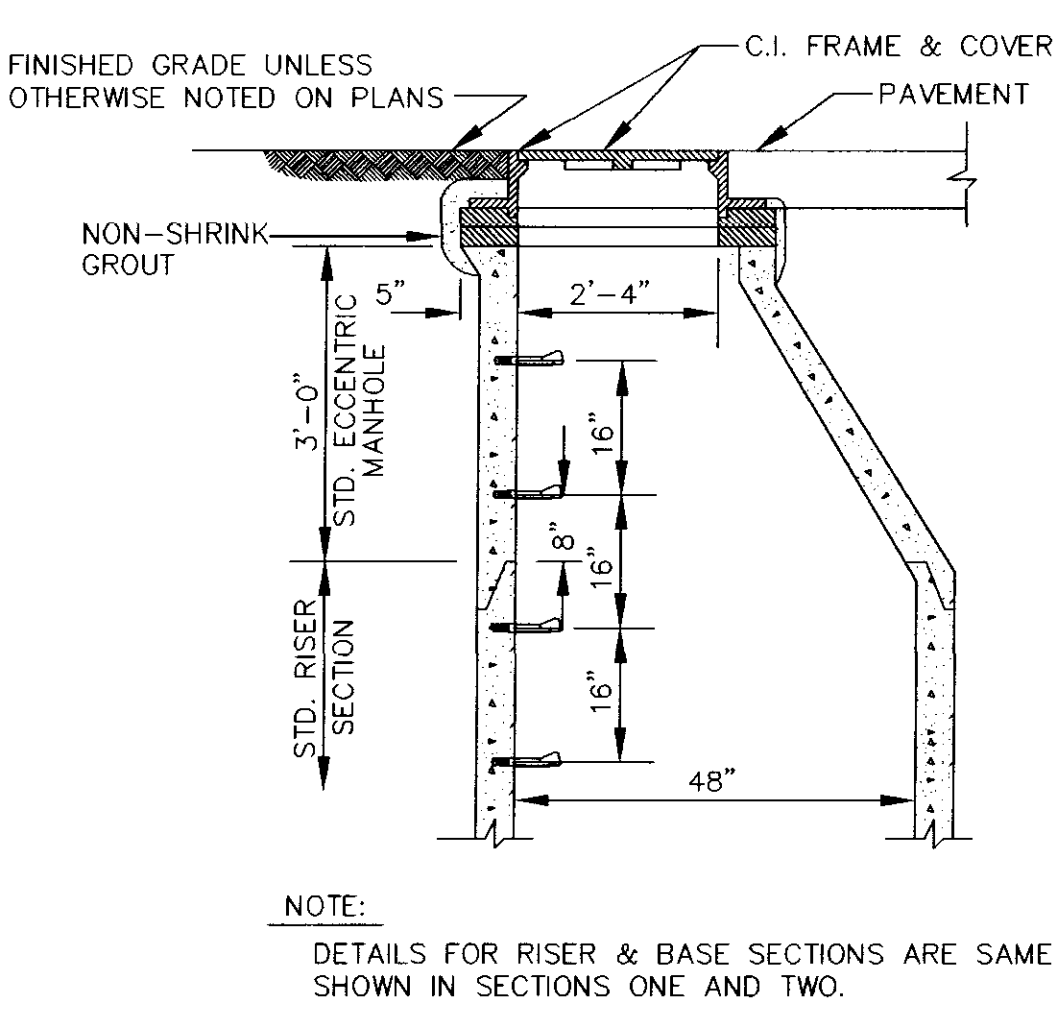
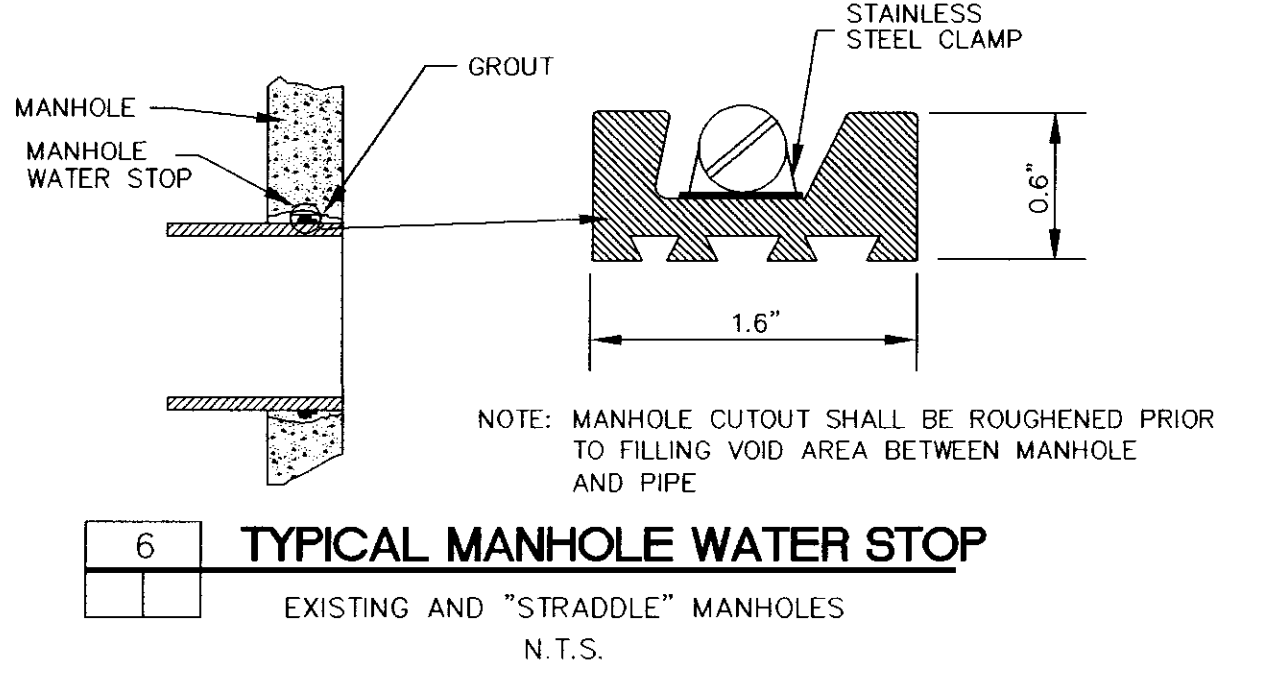
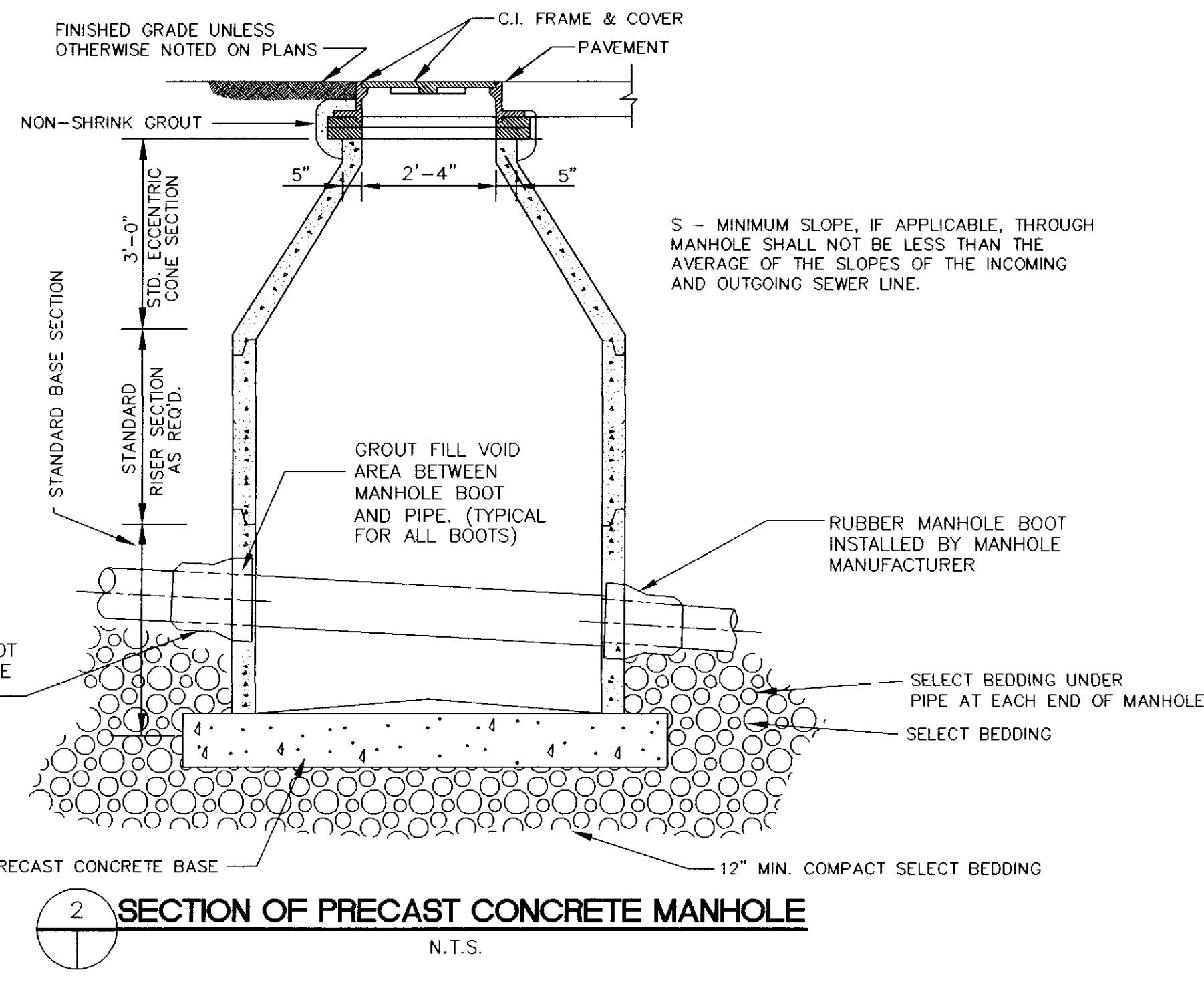
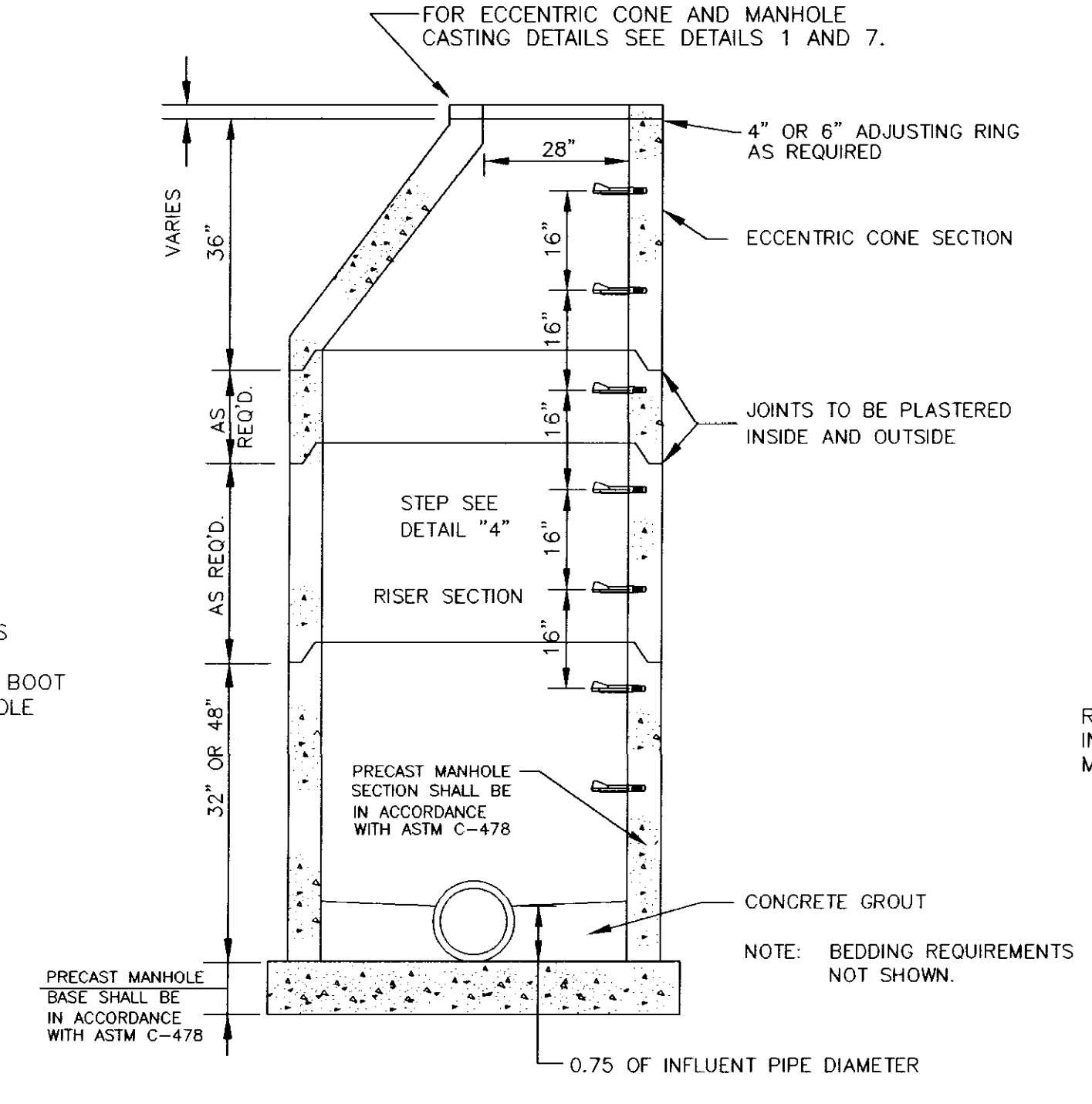
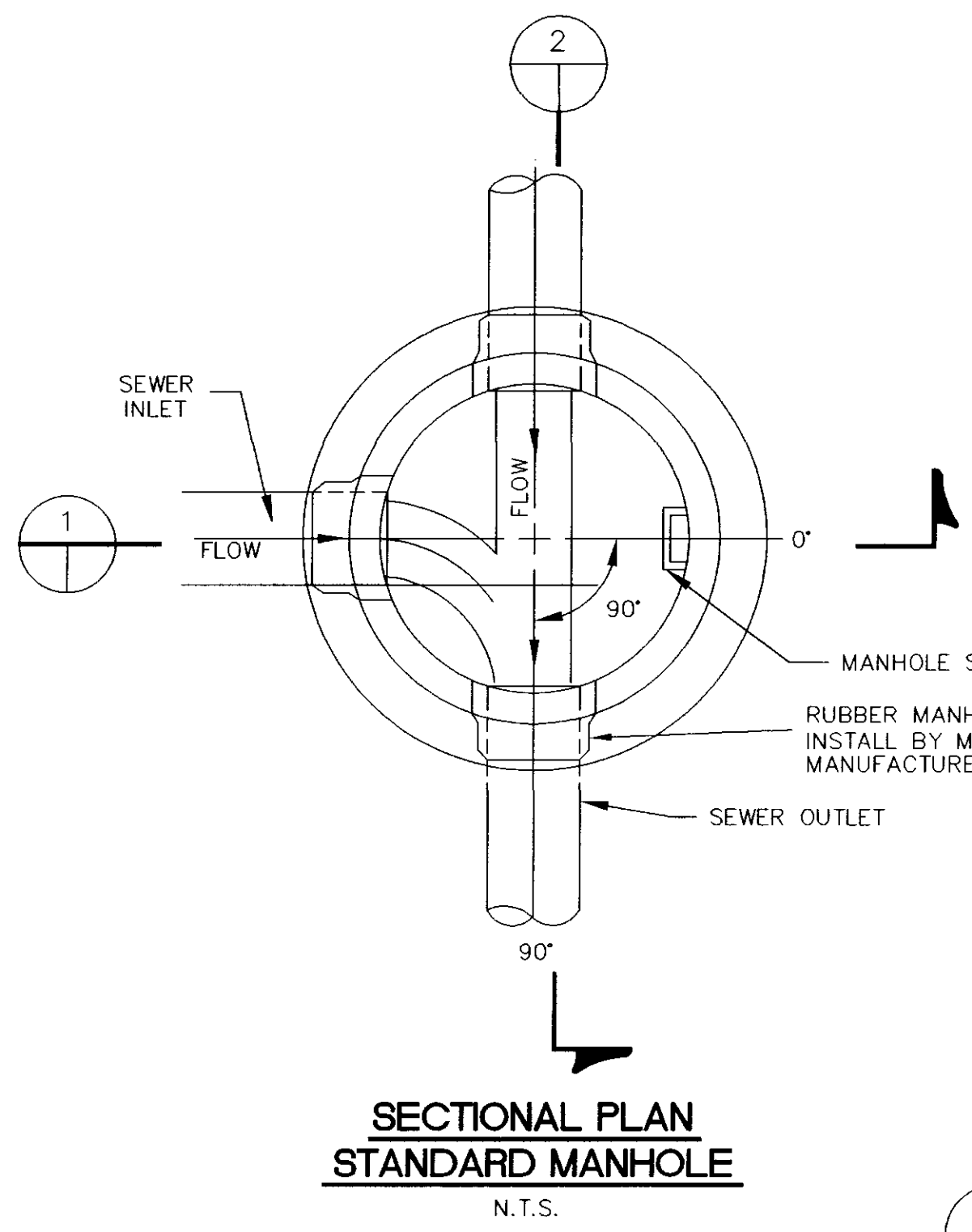
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DRAWN BY: NIPW SCALE: AS SHOWN
DATE OF DRAWING: 11-01 PROJECT NO.: 158-01-001
CHECKED BY: APPROVED BY:

B BANKS ENGINEERING & SURVEYING, INC.
 108 AMERICAN WAY * MADISON, MS 39110
 OFFICE (601) 853-2311 * FAX (601) 853-3896

CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
 BRIDGEWATER SIX
 STANDARD WATER DETAILS

SHEET NO.
14



DATE	REVISION

DRAWING NAME: D:\PROJECTS\158-01\ASBUILT\SEW-DET.DWG	
DRAWN BY: B. C. B.	SCALE: AS SHOWN
DATE OF DRAWING: 11-01	PROJECT NO.: 158-01-001
CHECKED BY: _____	APPROVED BY: _____

B **BANKS ENGINEERING & SURVEYING, INC.**
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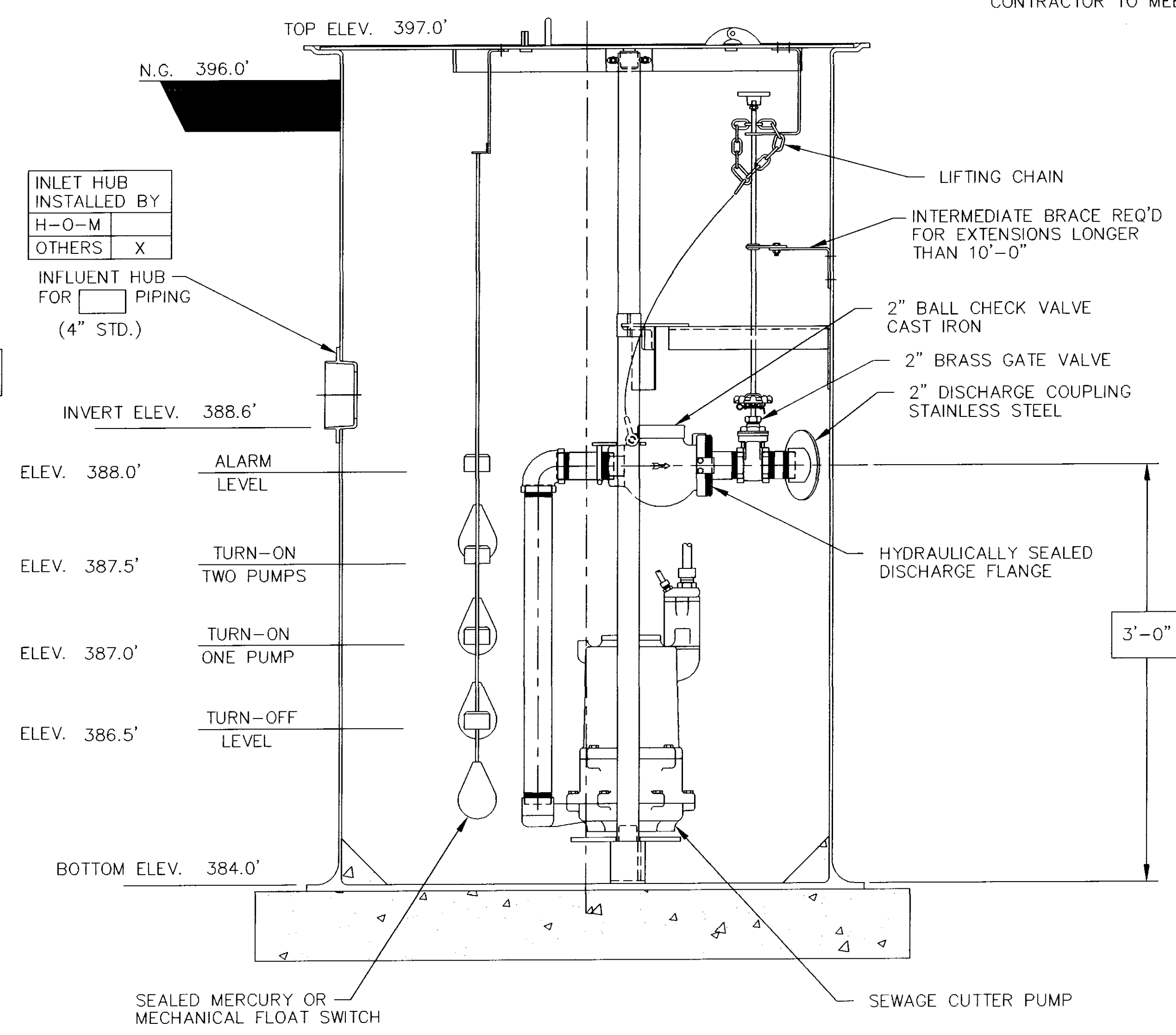
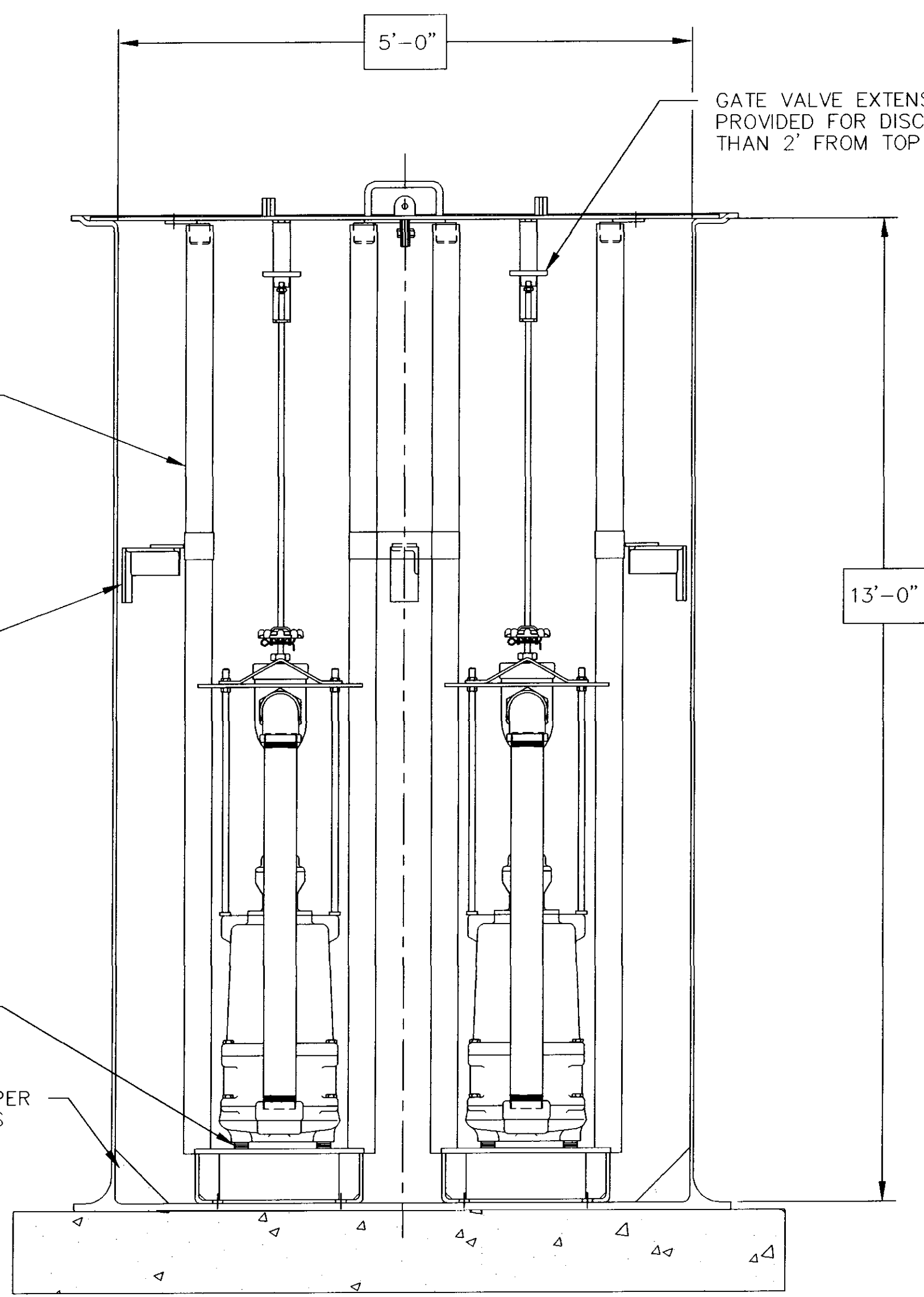
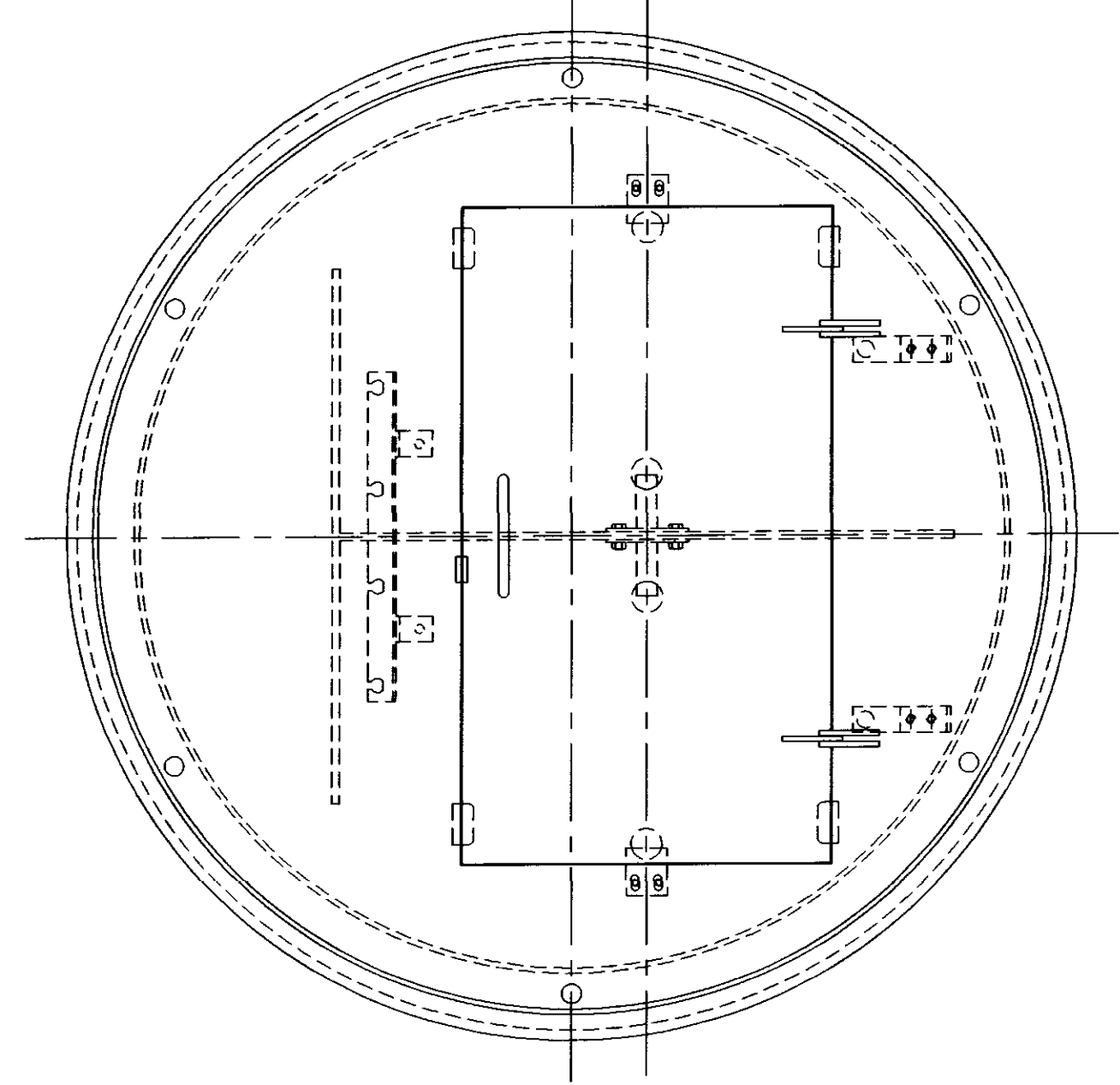
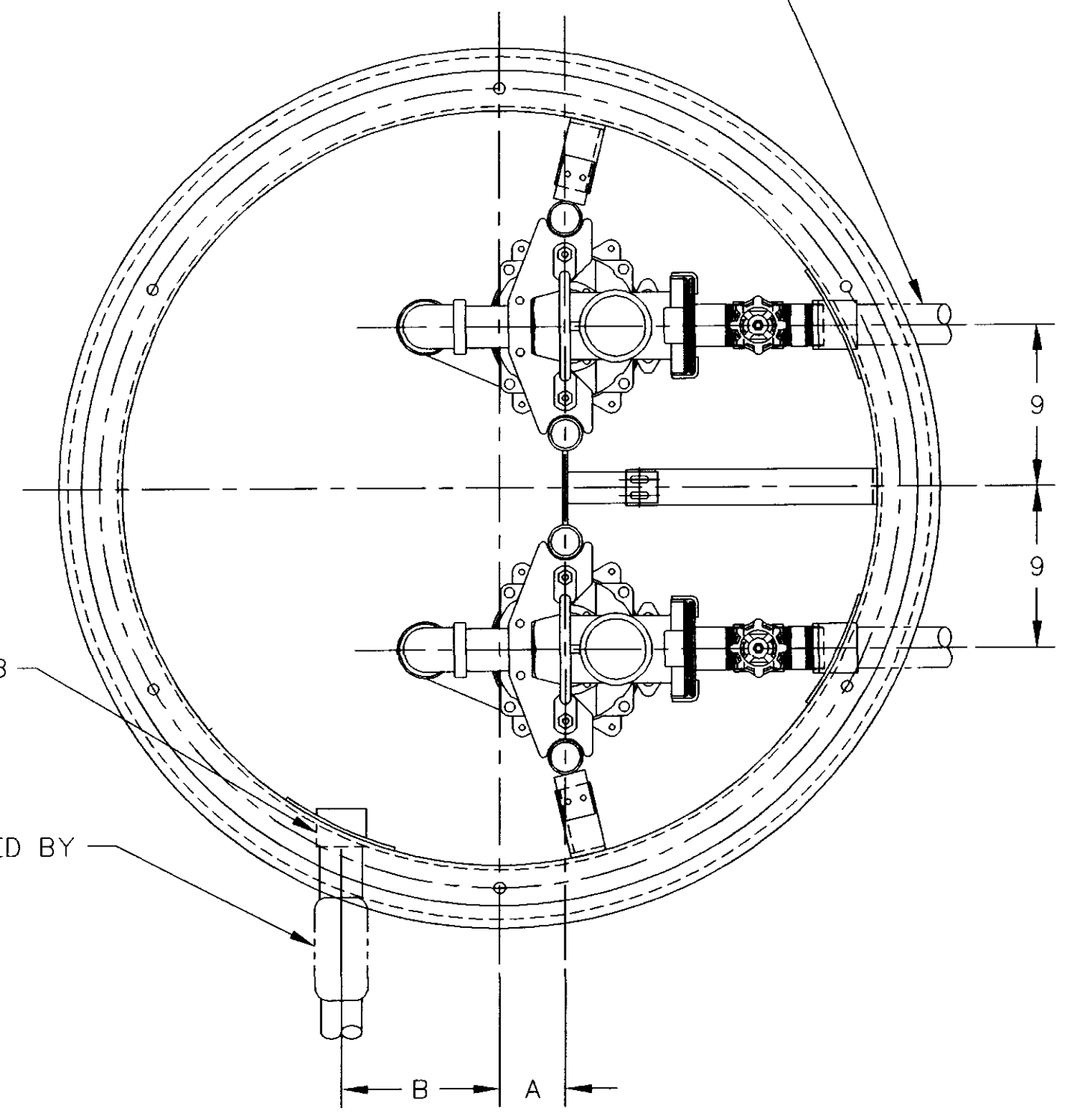
CLIENT:
184 LIMITED PARTNERSHIP
 A MISSISSIPPI LIMITED PARTNERSHIP
 LOUIS B. GIDEON, GENERAL PARTNER

PROJECT:
 BRIDGEWATER SIX
 STANDARD SANITARY SEWER DETAILS

SHEET NO.
15

RECOMMENDED REDUNDANT CHECK VALVE, MAY BE REQUIRED BY LOCAL CODE, SUPPLIED BY
 H-O-M AT CONVENIENT LOCATION
 OTHERS OUTSIDE PUMP

TANK DIA.	"A"	"B"
42"	3-5/8	8-13/16
48"	4-3/8	9
60"	4-3/8	9
72"	10-7/8	3-3/16



PUMP MODELS: HPGH & G2HX (G2H)

MATERIAL: _____		HYDROMATIC PUMPS	
COMPANY CONFIDENTIAL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND IS THE PROPERTY OF HYDROMATIC PUMP CO. IT IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF HYDROMATIC PUMP CO.			
DRAWN BY: FFM		DATE: 7-21-98	
CHECKED BY: _____		16 SHEET OF 16	
DRAWING NUMBER: DWGLIB 25		REV: A	
PLOT SCALE: 1 = 8		DO NOT SCALE	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		DO NOT SCALE	
2 PLACE .XX ± .010"		• FRACTIONAL •	
3 PLACE .XXX ± .005"		UP TO 12" ± 1/32"	
ANGLES ± 0° 30'		12" & UP ± 1/16"	
FINISH = 125 RMS		ANGLES ± 2°	