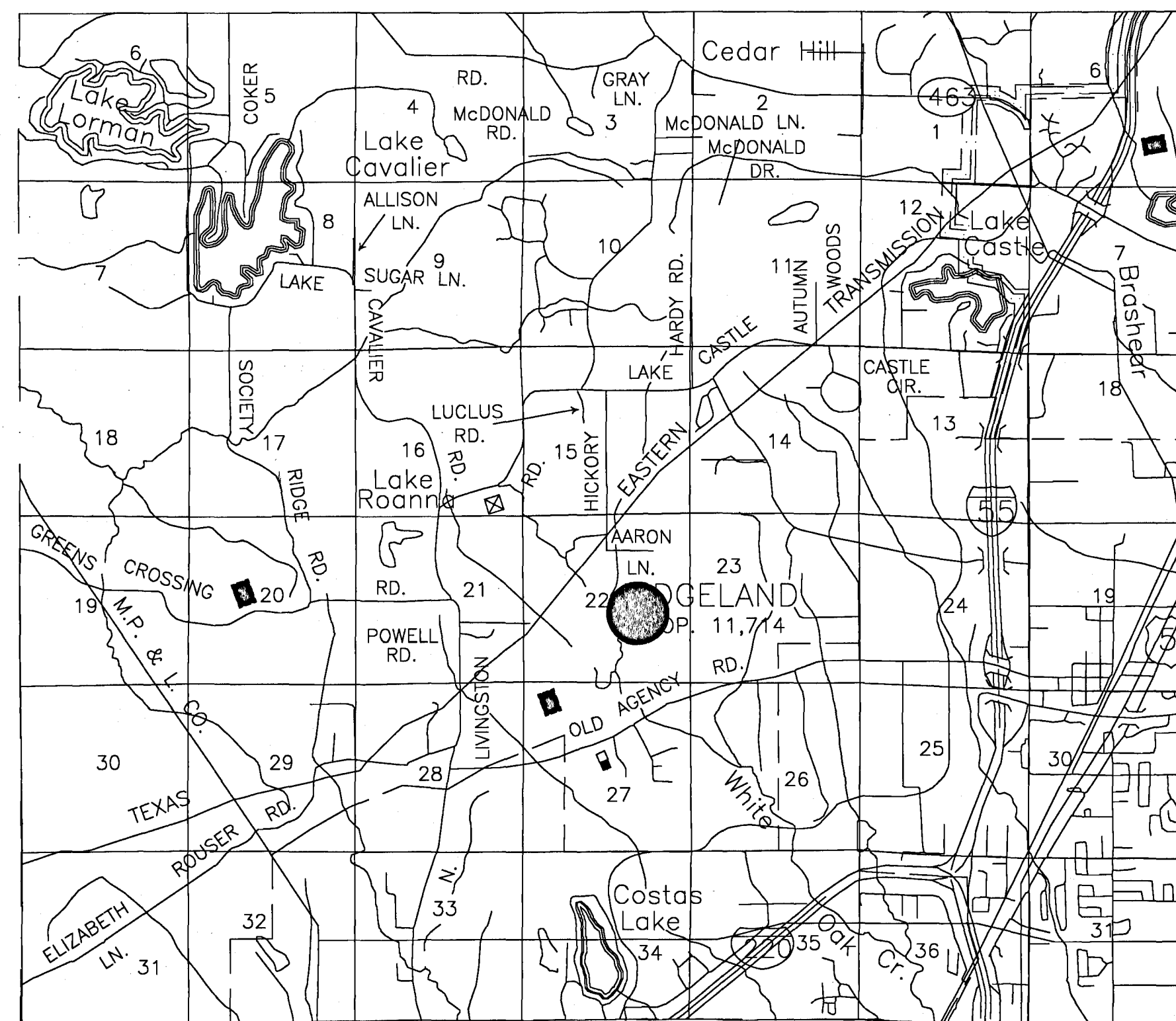


AS-BUILT PLANS
FOR
BRIDGEWATER EIGHT

A DEVELOPMENT OF 184 LIMITED PARTNERSHIP
274 COMMERCE PARK DRIVE, SUITE A
RIDGELAND, MS 39157

RIDGELAND, MISSISSIPPI



● DENOTES PROJECT LOCATION

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 STREET "A" - B.O.P. TO 15+00
- 7 PLAN/PROFILE STREET "A" - 15+00 TO 20+00
- 8 PLAN/PROFILE STREET "A" - 20+00 TO 25+00
- 9 PLAN/PROFILE STREET "A" - 25+00 TO 30+00
- 10 PLAN/PROFILE STREET "A" - 30+00 TO 35+00
- 11 PLAN/PROFILE STREET "A" - 35+00 TO E.O.P.
- 12 PLAN/PROFILE STREET "B" - B.O.P. TO 15+00
- 13 PLAN/PROFILE STREET "B" - 15+00 TO E.O.P.
- 14 PLAN/PROFILE STREET "C" - B.O.P. TO 15+00
- 15 PLAN/PROFILE STREET "C" - 15+00 TO E.O.P.
- 16 TYPICAL SECTIONS
- 17 SEWER DETAILS
- 18 WATER DETAILS
- 19 MISCELLANEOUS DETAILS

BANKS ENGINEERING & SURVEYING, INC.

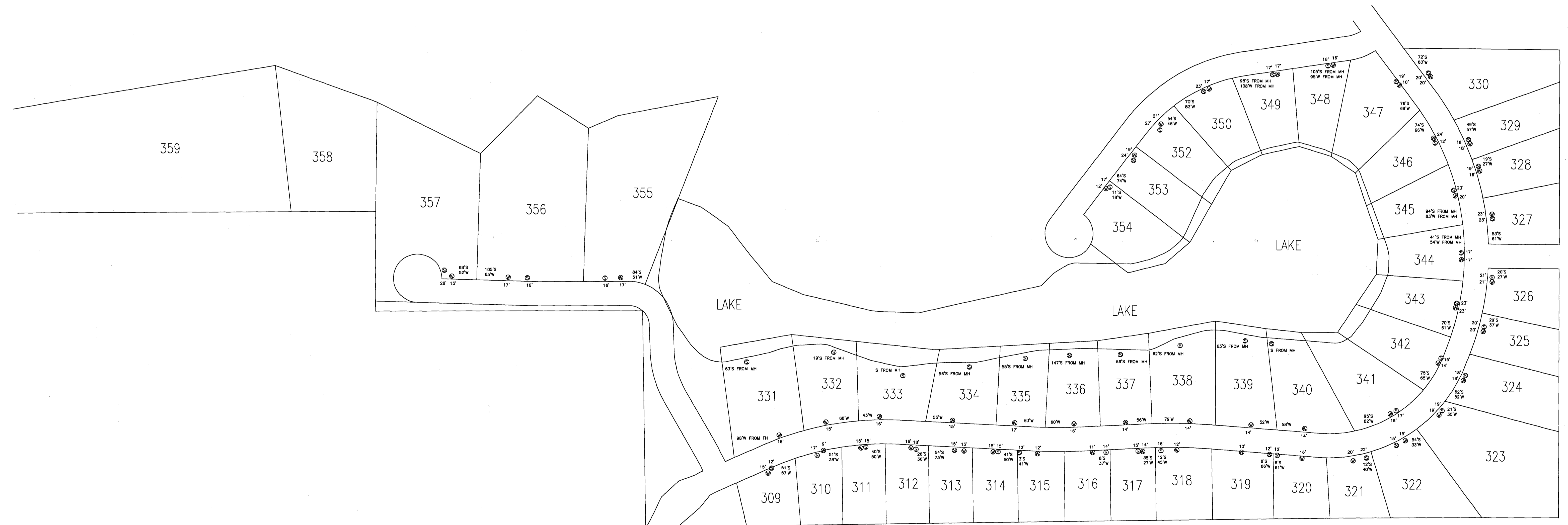
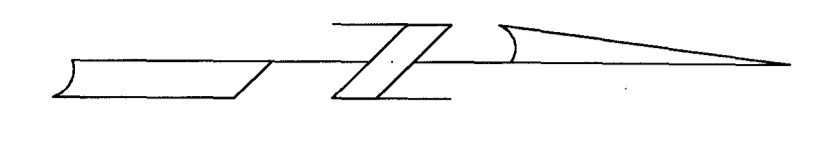
115 LONE WOLF DRIVE SUITE B * MADISON, MS 39110
OFFICE (601) 407-1240 * FAX (601) 407-1245

PWP-00232

Ⓜ DENOTES WATER SERVICE
 Ⓢ DENOTES SEWER SERVICE

DISTANCES SHOWN IN STREET RIGHT-OF-WAY DENOTES DISTANCE FROM BACK OF CURB TO WATER SERVICE (W) OR SEWER SERVICE (S)

DISTANCES ON LOT DENOTES DISTANCES FROM PROPERTY CORNER (UNLESS OTHERWISE NOTED) TO SEWER SERVICE (S) AND WATER SERVICE (W). DISTANCES ARE NOT MEASURED ALONG CURVES BUT ARE STRAIGHT LINE DISTANCES.



DATE	REVISION

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 DRAWN BY: NPW SCALE: 1" = 100'
 DATE OF DRAWING: 8-05 PROJECT NO.: 158-03-001
 CHECKED BY: APPROVED BY:

B BANKS ENGINEERING & SURVEYING, INC.
 115 LONE WOLF DRIVE SUITE B * MADISON, MS 39110
 OFFICE (601) 407-1240 * FAX (601) 407-1245

CLIENT:
184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 WATER AND SEWER SERVICE LOCATIONS

SHEET NO.
2



DATE	REVISION

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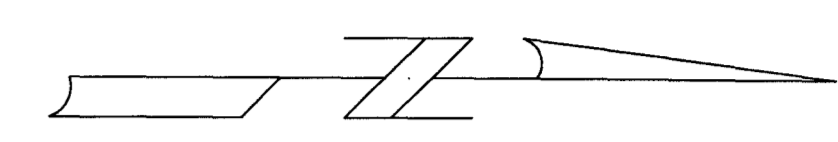
B **BANKS ENGINEERING & SURVEYING, INC.**
 108 AMERICAN WAY * MADISON, MS 39110
 OFFICE (601) 853-2311 * FAX (601) 853-3896

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

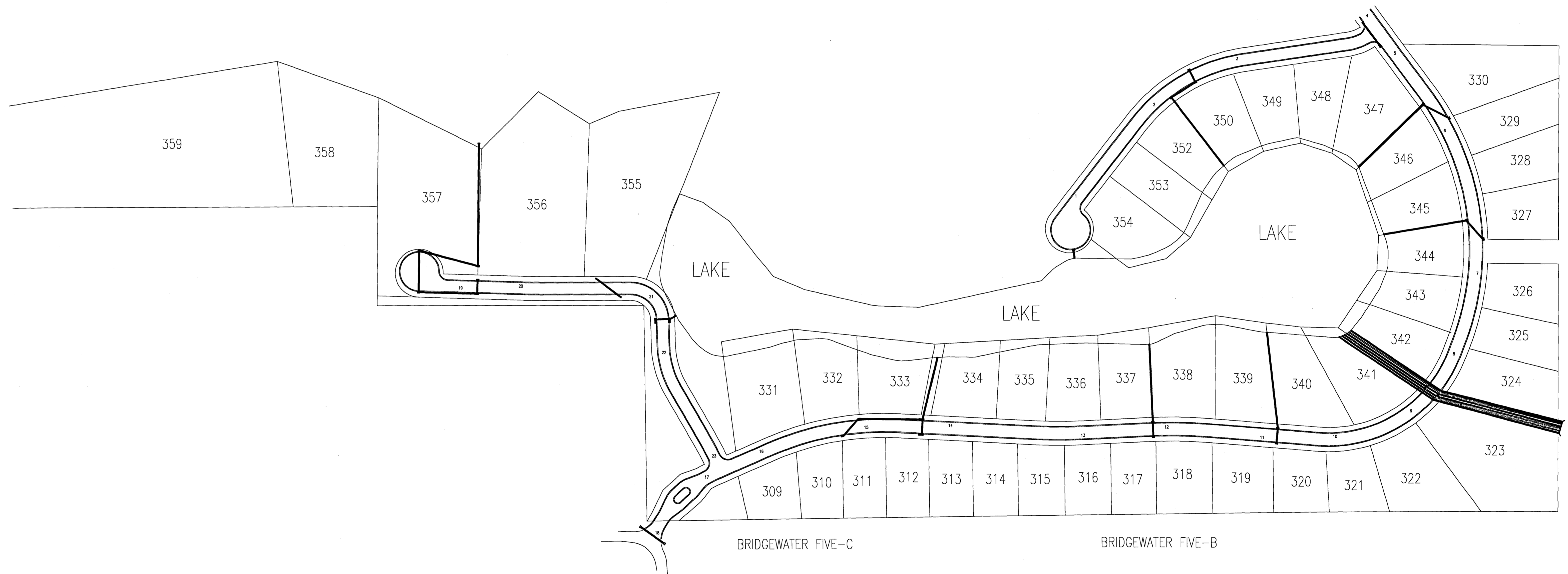
PROJECT:
**BRIDGEWATER EIGHT AS-BUILT
 OVERALL SUBDIVISION LAYOUT
 (ALL PHASES)**

SHEET NO.
3

STORMDRAIN SHOWN HEREON IS PRIVATE. MADISON COUNTY AND/OR THE CITY OF RIDGELAND ACCEPTS NO RESPONSIBILITY FOR MAINTENANCE OF STORMDRAIN PIPE OR WATERCOURSES.



NUMBERS IN STREET DENOTE SUBGRADE DENSITY TEST NUMBER. SEE FIELD DENSITY TEST REPORT FOR RESULTS OF EACH TEST.



DATE	REVISION

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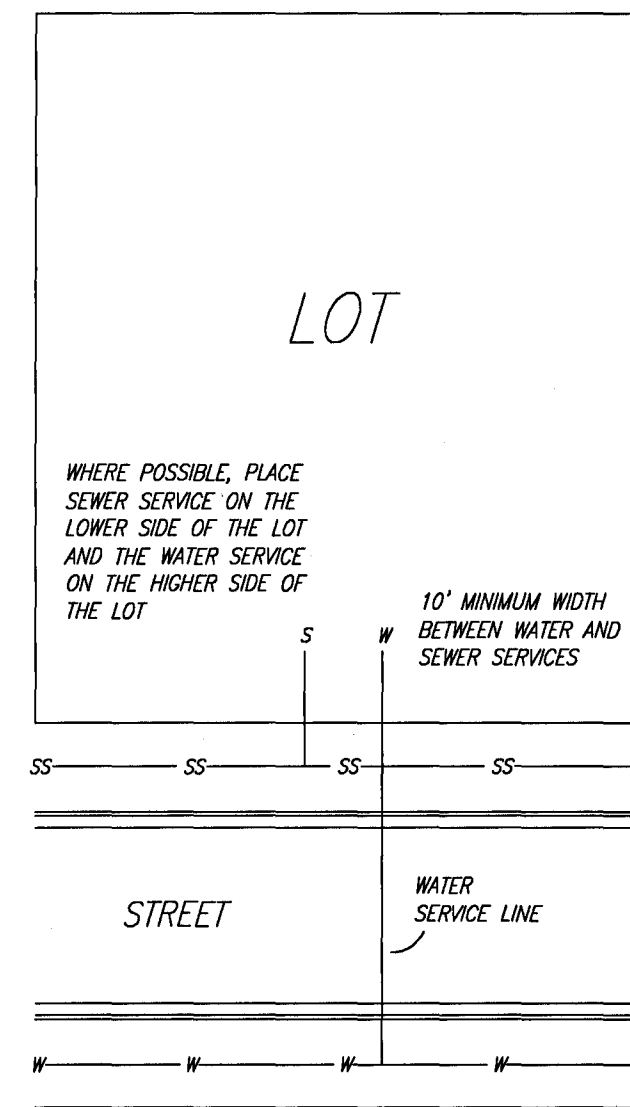
B BANKS ENGINEERING & SURVEYING, INC.
 108 AMERICAN WAY • MADISON, MS 39110
 OFFICE (601) 853-2311 * FAX (601) 853-3896

CLIENT:
184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 STORM DRAINAGE AND EROSION CONTROL LAYOUT

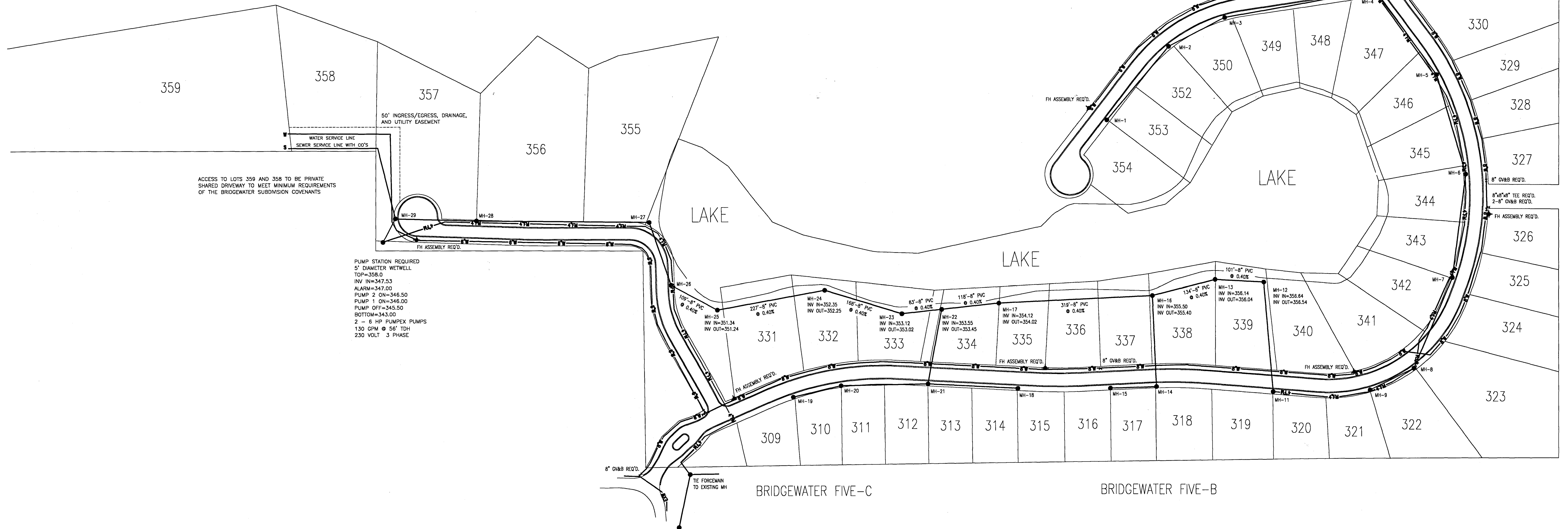
SHEET NO.
4

8" SEWERMAIN IS SDR-26 PVC
 6" AND 8" WATERMAIN IS C-900 CLASS 150 PVC
 4" SEWER FORCEMAIN IS CLASS 160 PVC



TYPICAL WATER AND SEWER SERVICE CONNECTIONS

PUMP STATION REQUIRED
 5' DIAMETER WETWELL
 TOP=364.0
 INV IN=351.24
 ALARM=350.75
 PUMP 2 ON=350.25
 PUMP 1 ON=349.75
 PUMP OFF=349.25
 BOTTOM=346.75
 2 - 6 HP PUMPEX PUMPS
 130 GPM @ 56' TDH
 230 VOLT 3 PHASE



DATE	REVISION

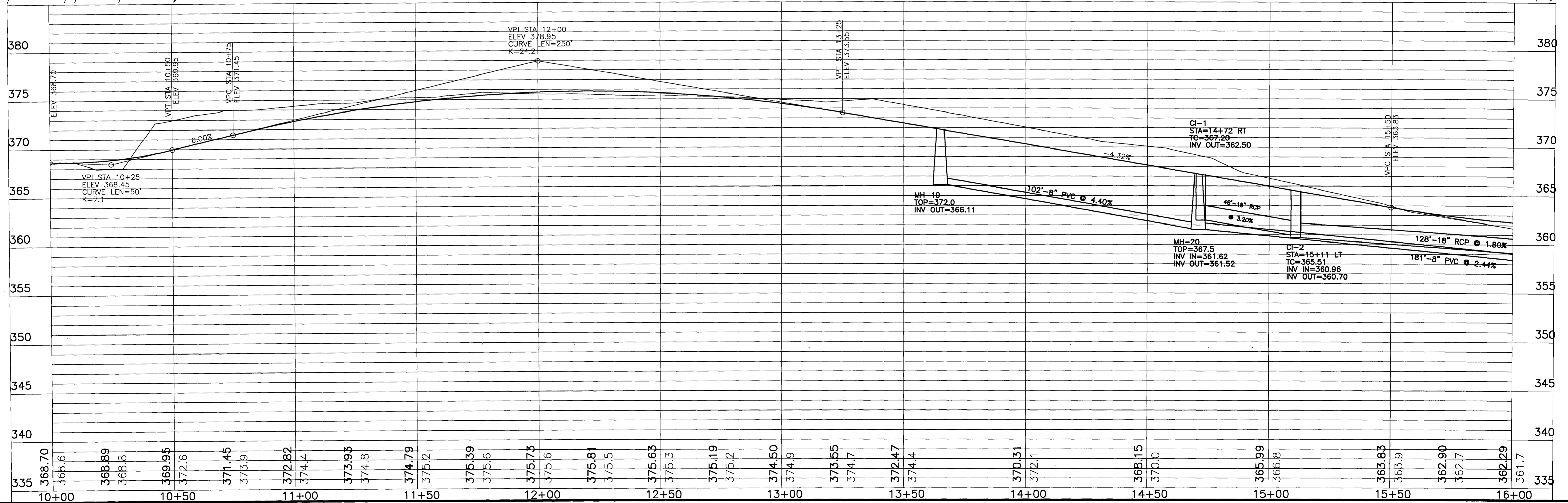
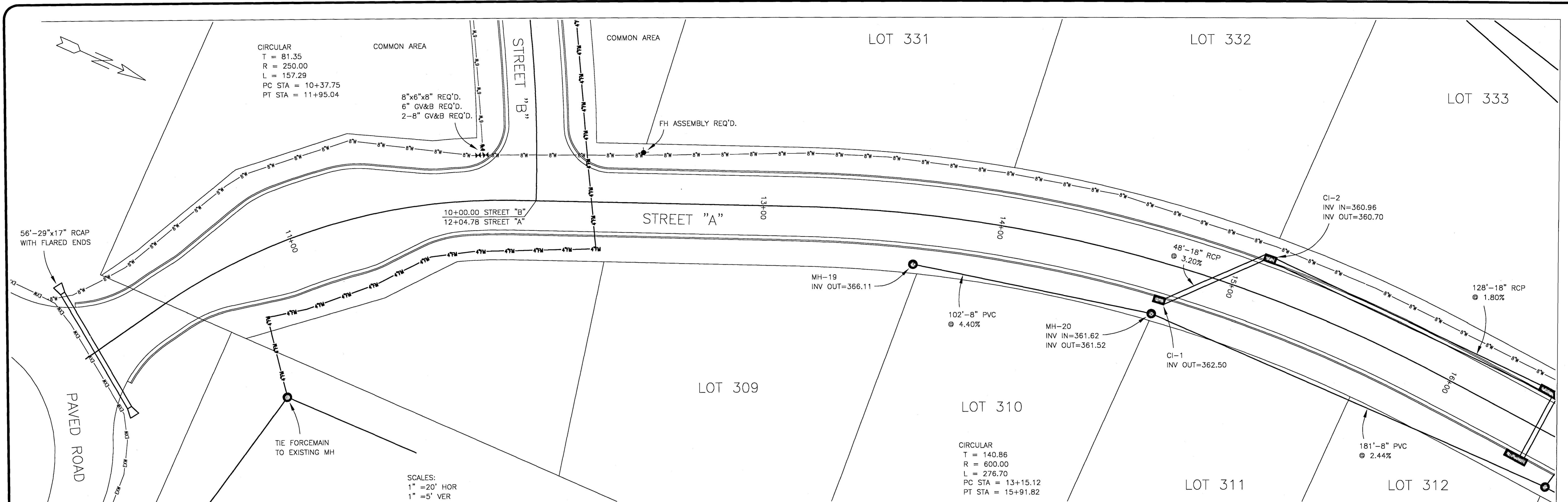
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 CHECKED BY: APPROVED BY:

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 108 AMERICAN WAY * MADISON, MS 39110
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CLIENT:
184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
**BRIDGEWATER EIGHT AS-BUILT
 WATER AND SEWER LAYOUT**

SHEET NO.
5



DATE	REVISION

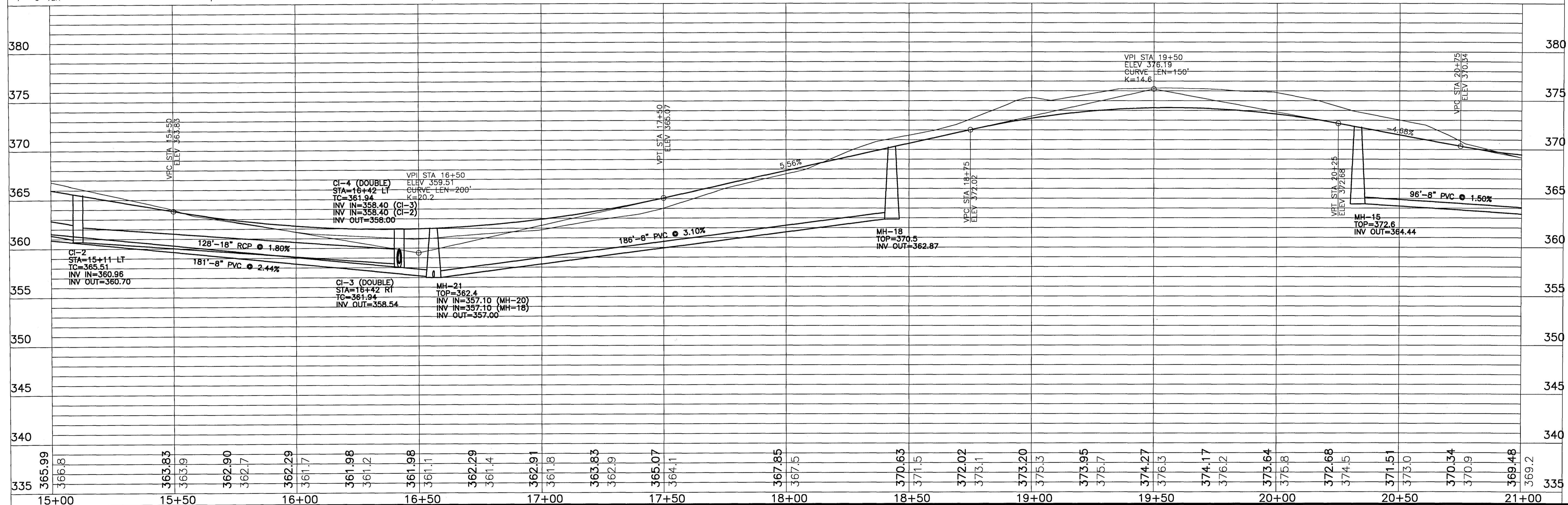
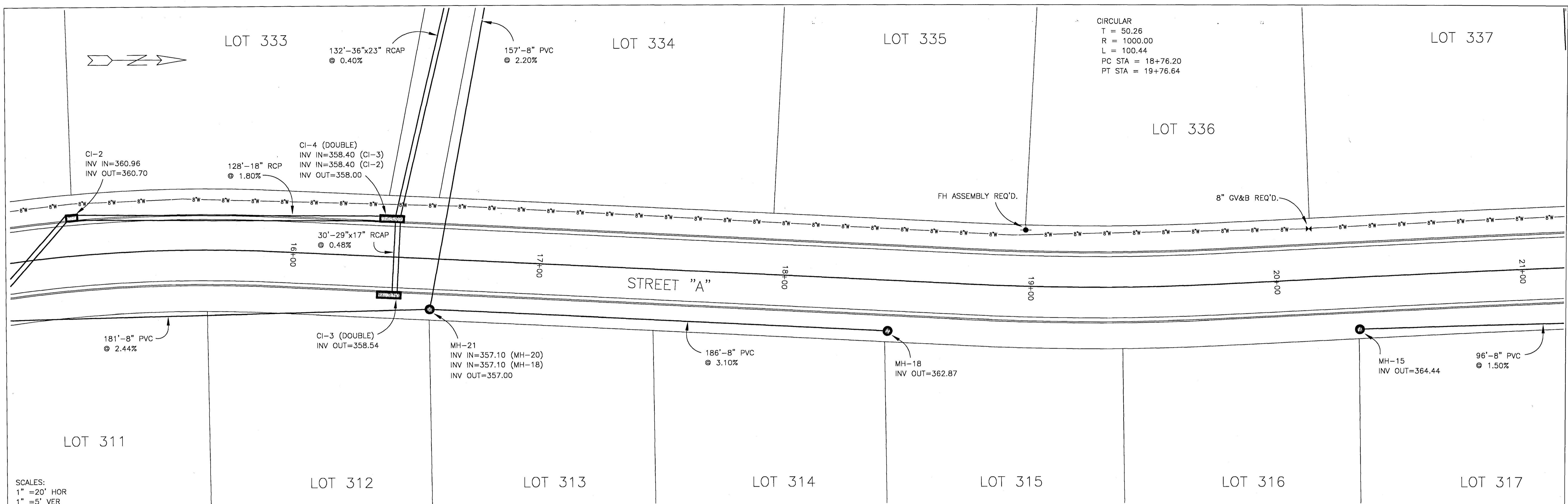
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CLIENT:
184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 PLAN/PROFILE - STREET "A"
 B.O.P. TO 15+00

SHEET NO.
6



DATE	REVISION

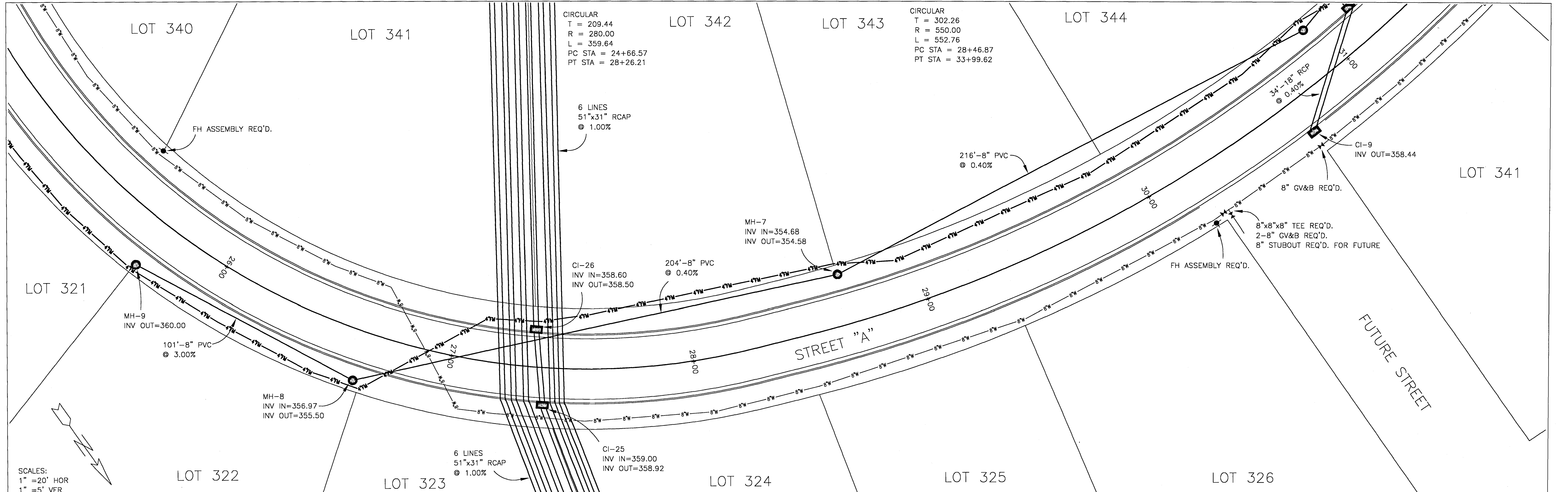
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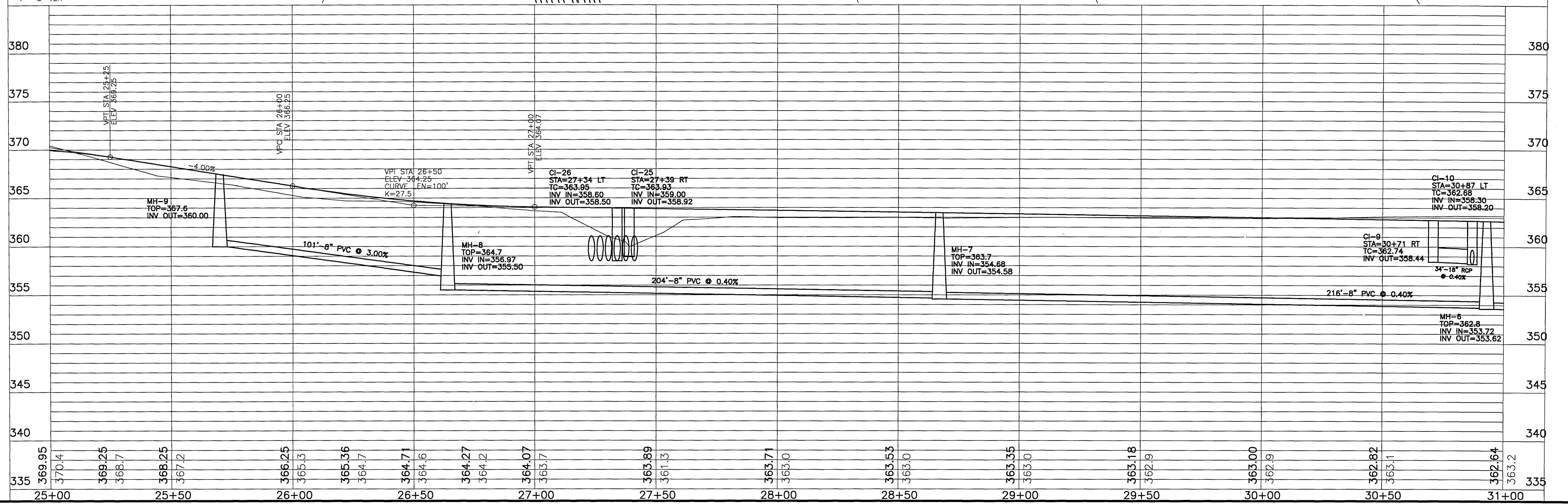
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184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 PLAN/PROFILE - STREET "A"
 15+00 TO 20+00

SHEET NO.
7



SCALES:
1" = 20' HOR
1" = 5' VER



DATE	REVISION

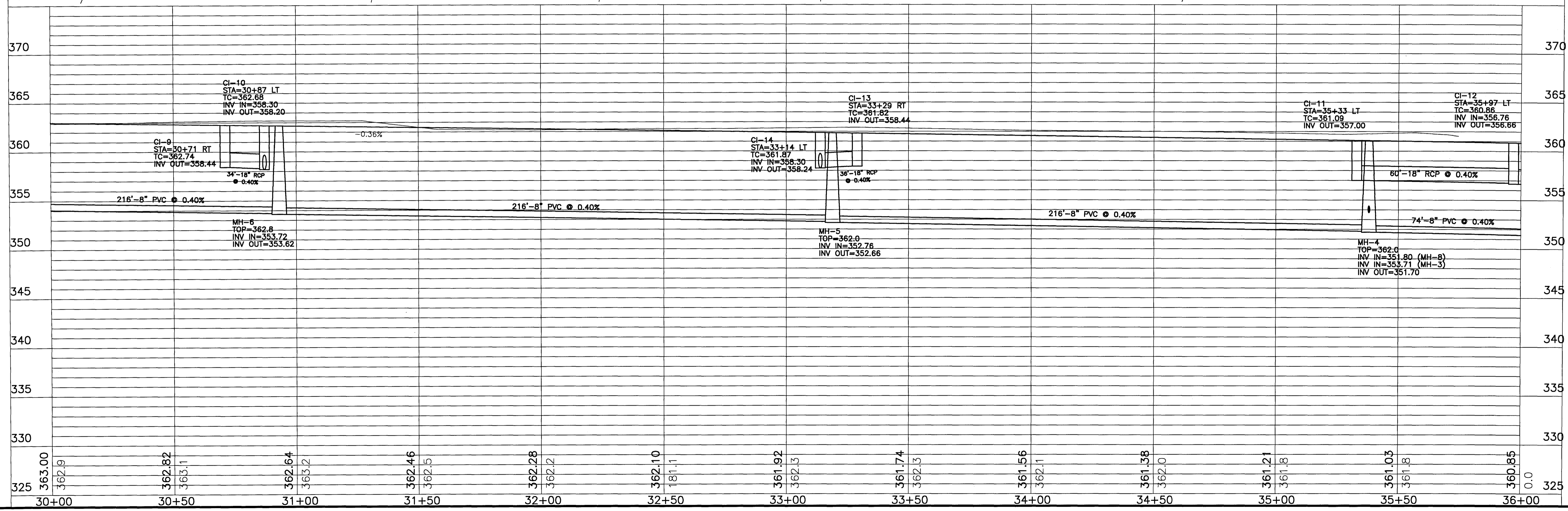
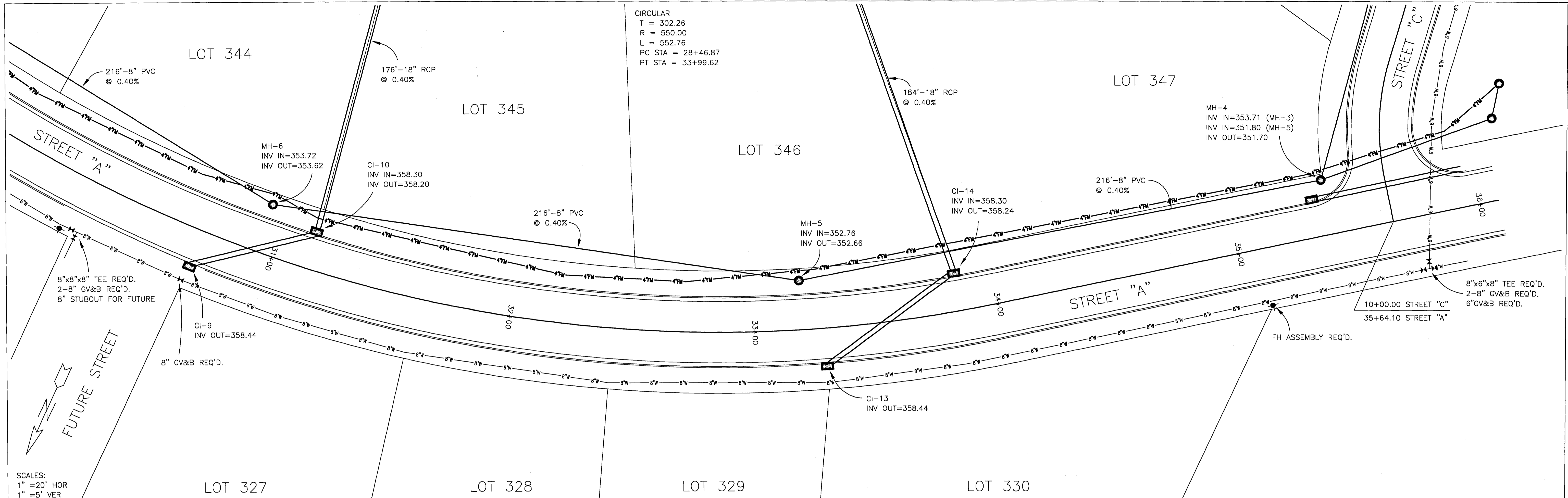
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CLIENT:
184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39158

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 PLAN/PROFILE - STREET "A"
 25+00 TO 30+00

SHEET NO.
9



DATE	REVISION

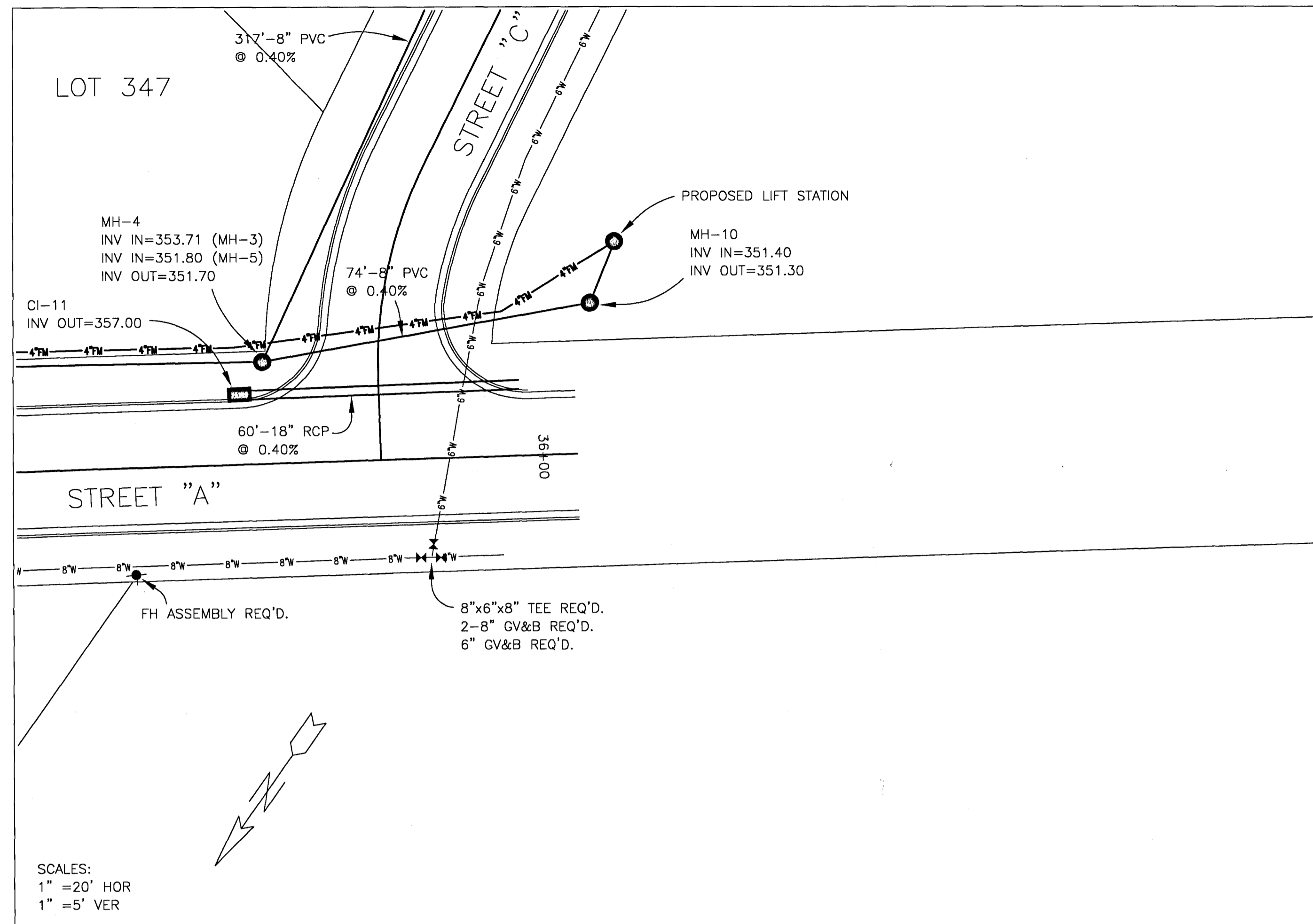
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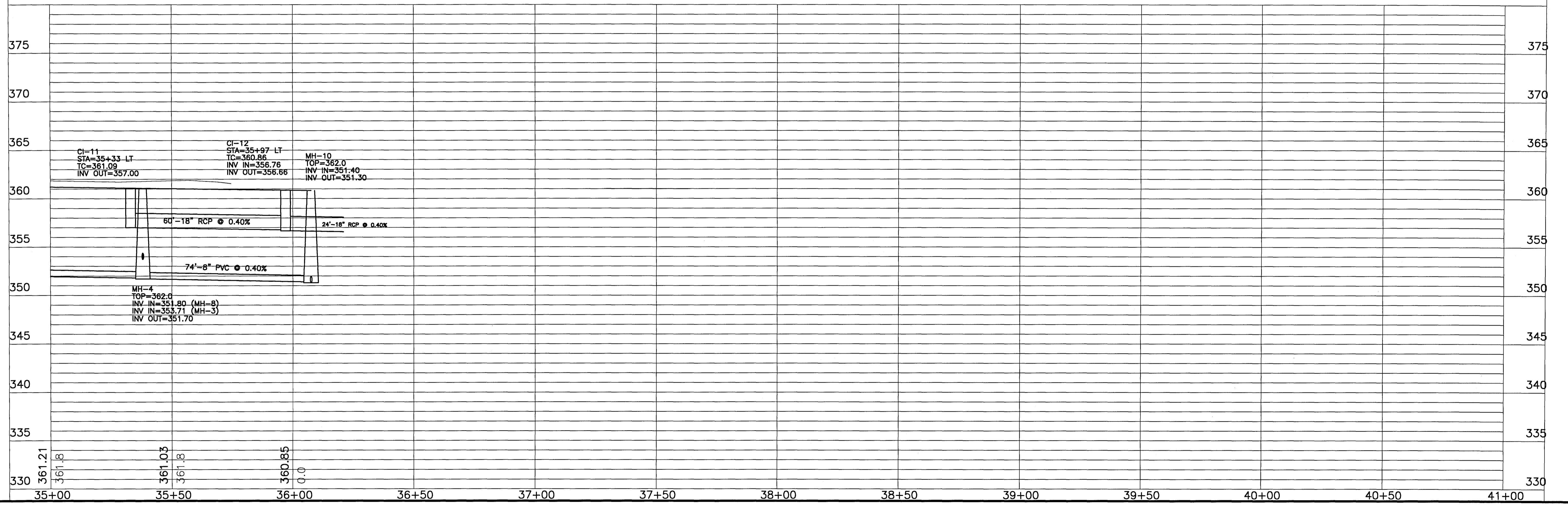
CLIENT:
184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 PLAN/PROFILE - STREET "A"
 30+00 TO 35+00

SHEET NO.
10



SCALES:
 1" = 20' HOR
 1" = 5' VER



DATE	REVISION

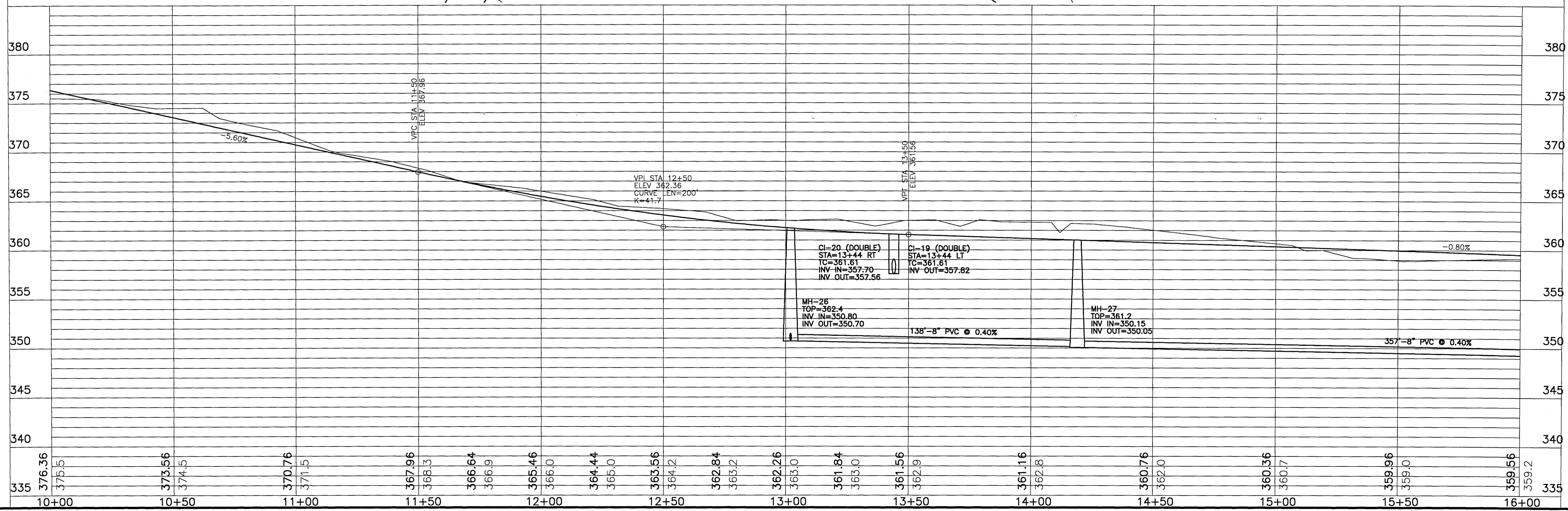
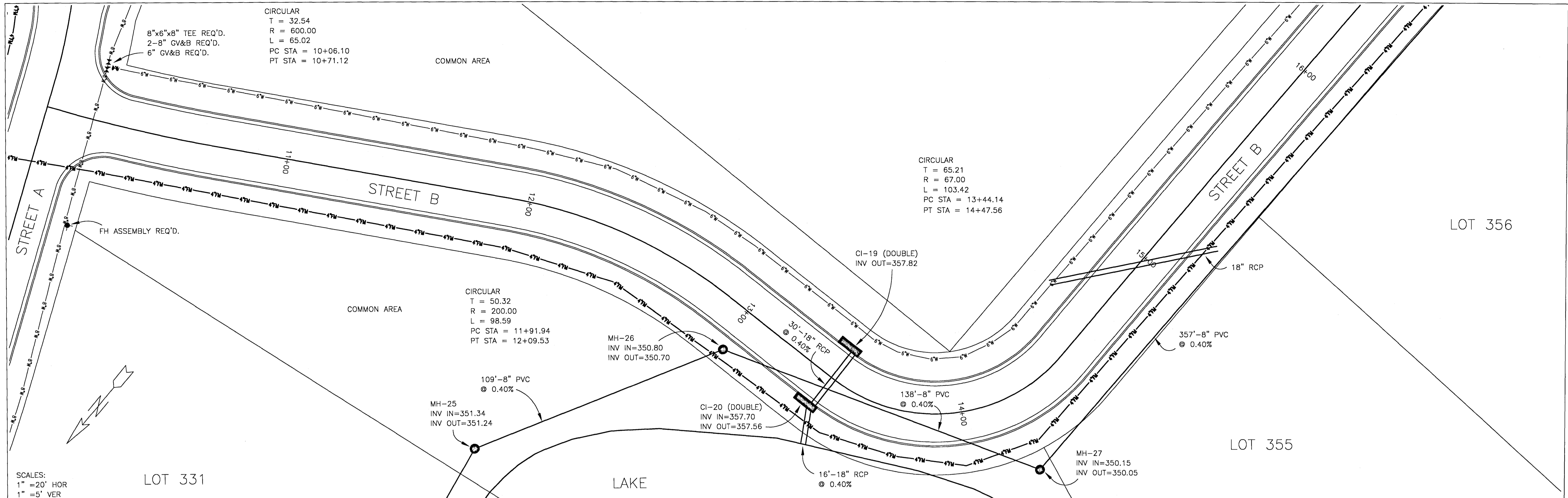
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 CHECKED BY: APPROVED BY:

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CLIENT:
184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 PLAN/PROFILE - STREET "A"
 35+00 TO E.O.P.

SHEET NO.
11



DATE	REVISION

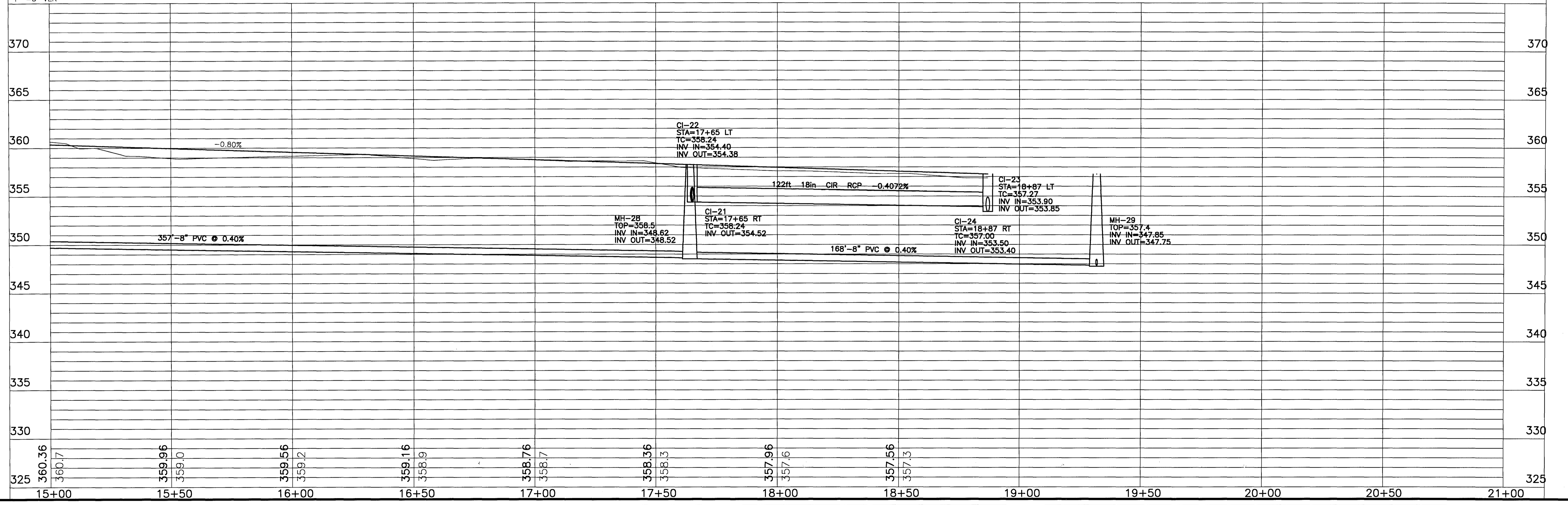
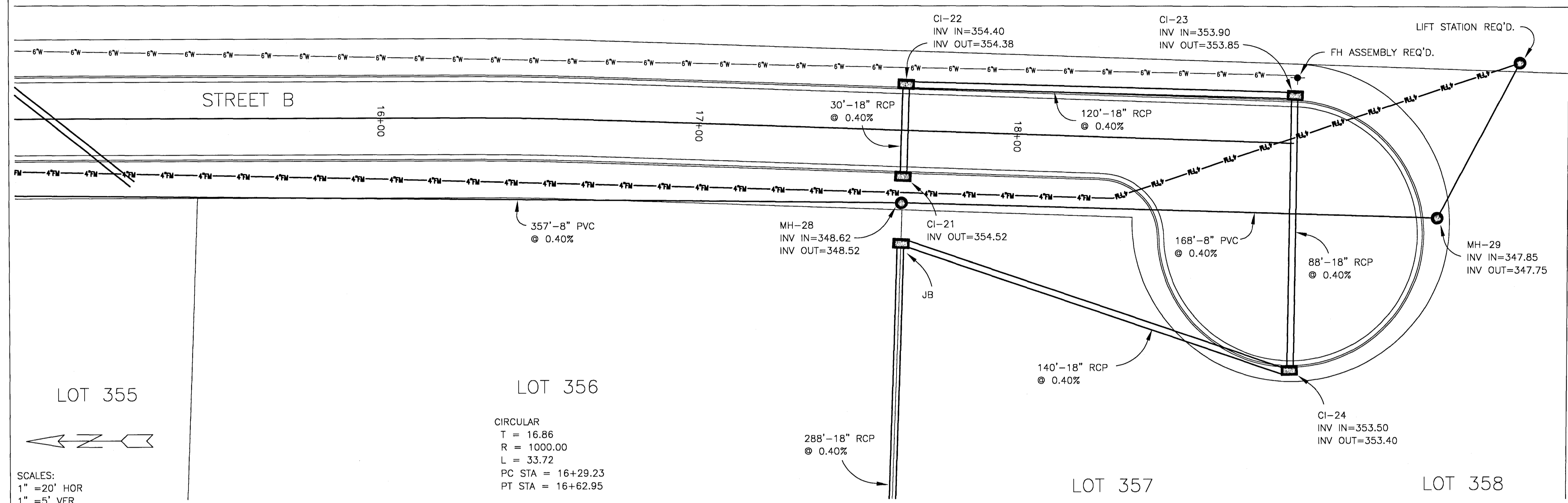
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CLIENT:
184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 PLAN/PROFILE - STREET "B"
 B.O.P. TO 15+00

SHEET NO.
12



DATE	REVISION

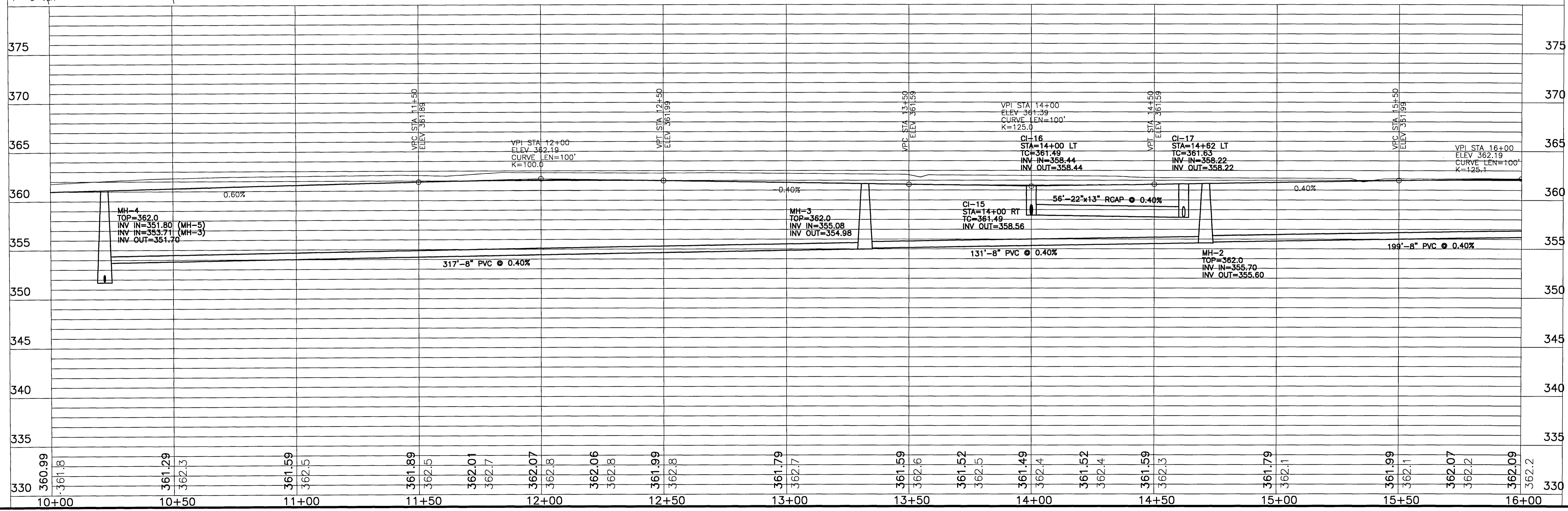
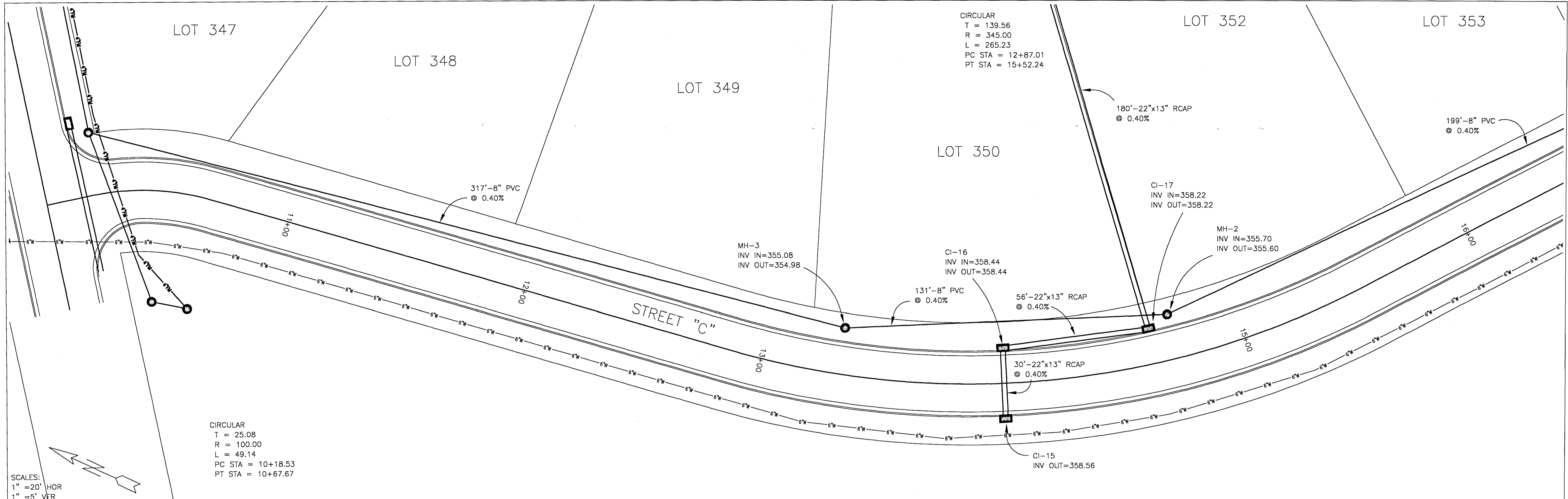
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 DATE OF DRAWING: 8-05 PROJECT NO.: 158-03-001
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 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 PLAN/PROFILE - STREET "B"
 15+00 TO E.O.P.

SHEET NO.
13



DATE	REVISION

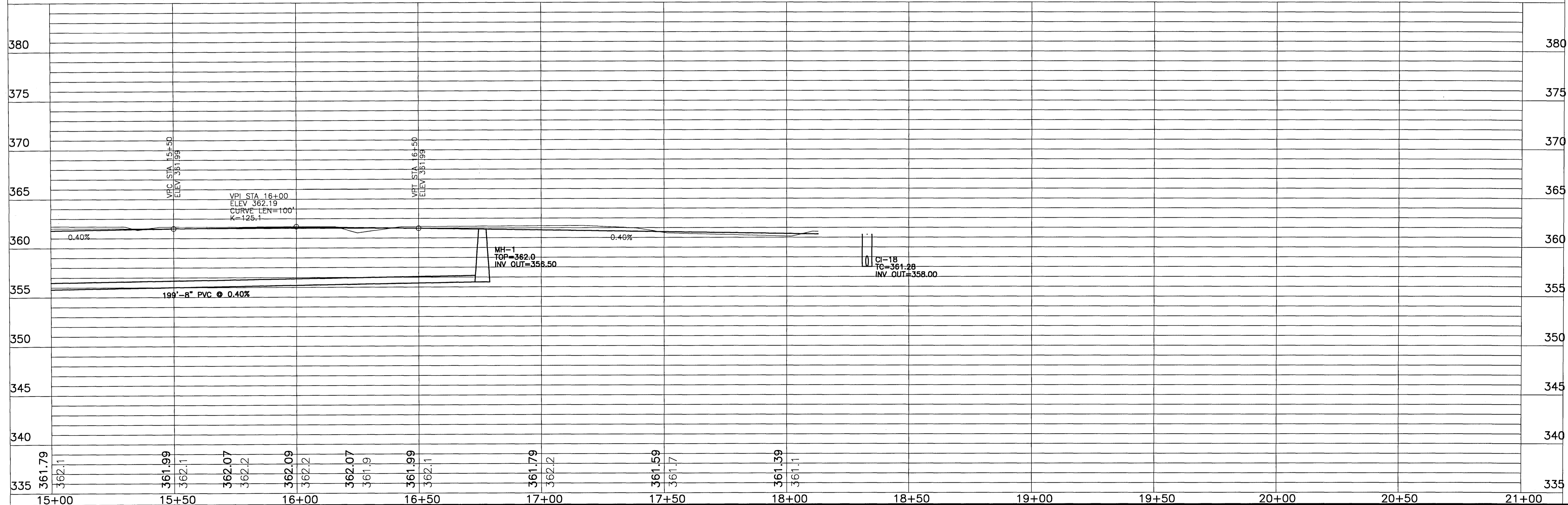
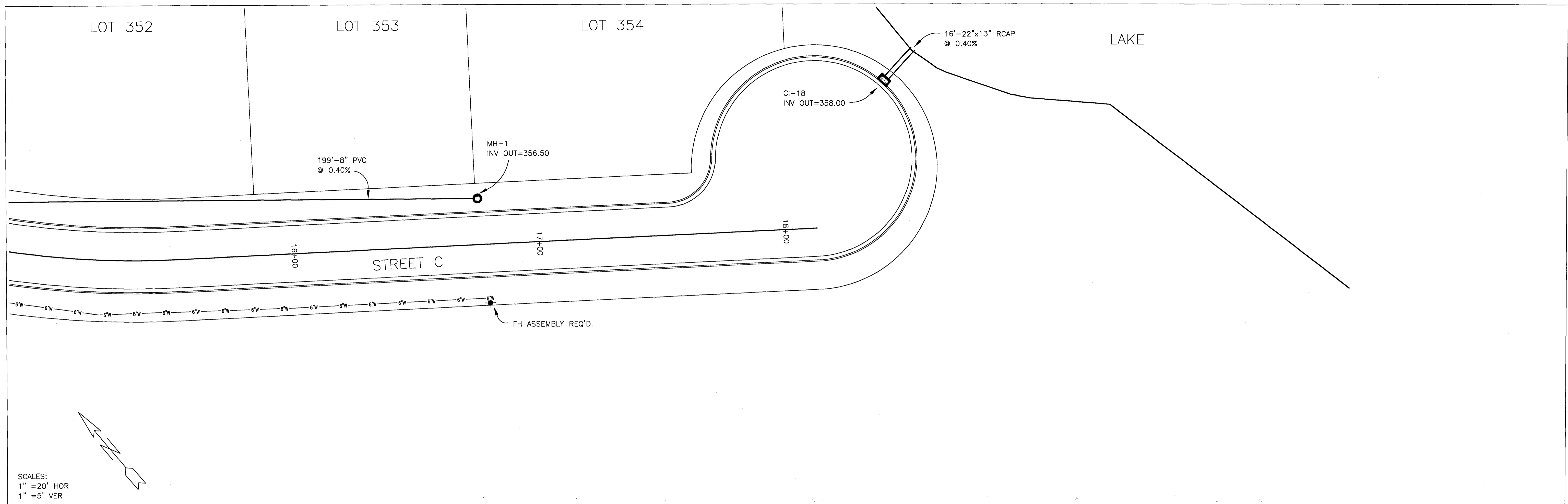
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CLIENT:
184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 PLAN/PROFILE - STREET "C"
 B.O.P. TO 15+00

SHEET NO.
14



DATE	REVISION

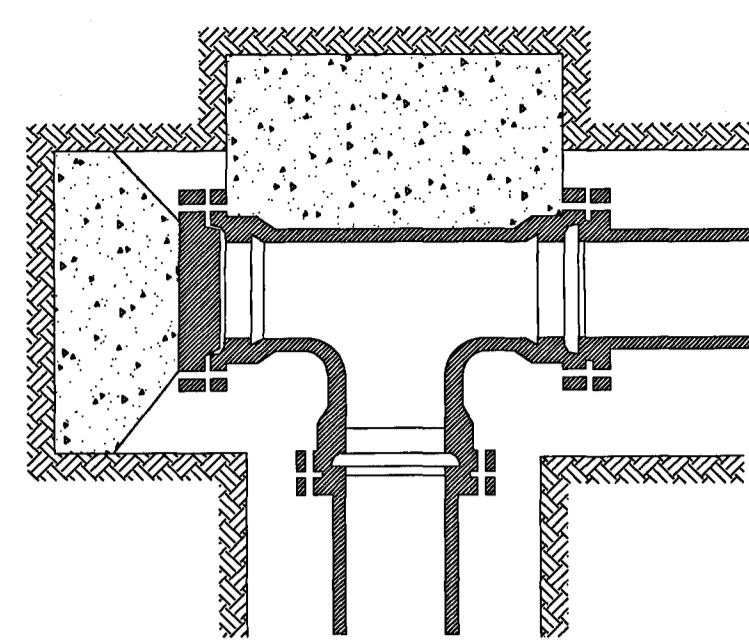
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 108 AMERICAN WAY • MADISON, MS 39110
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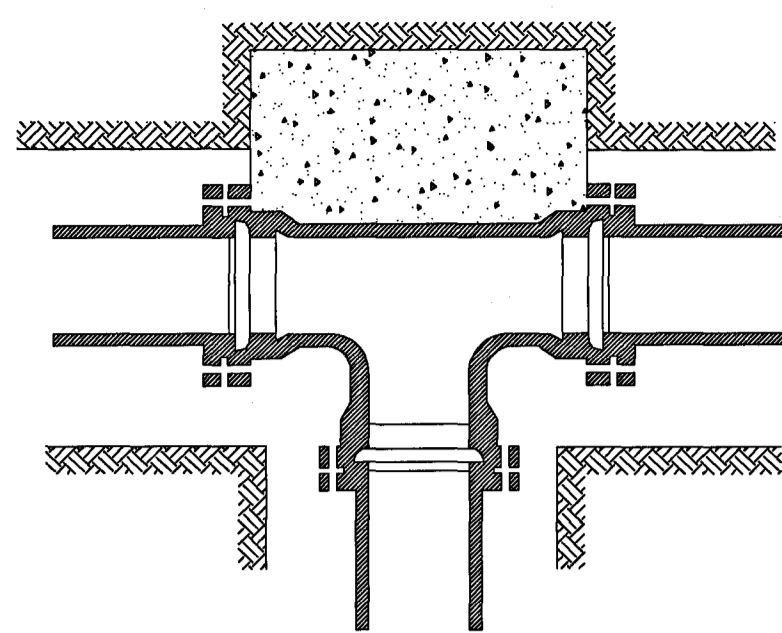
CLIENT:
184 LIMITED PARTNERSHIP
 274 COMMERCE PARK DRIVE, SUITE A
 RIDGELAND, MISSISSIPPI 39157

PROJECT:
 BRIDGEWATER EIGHT AS-BUILT
 PLAN/PROFILE - STREET "C"
 15+00 TO E.O.P.

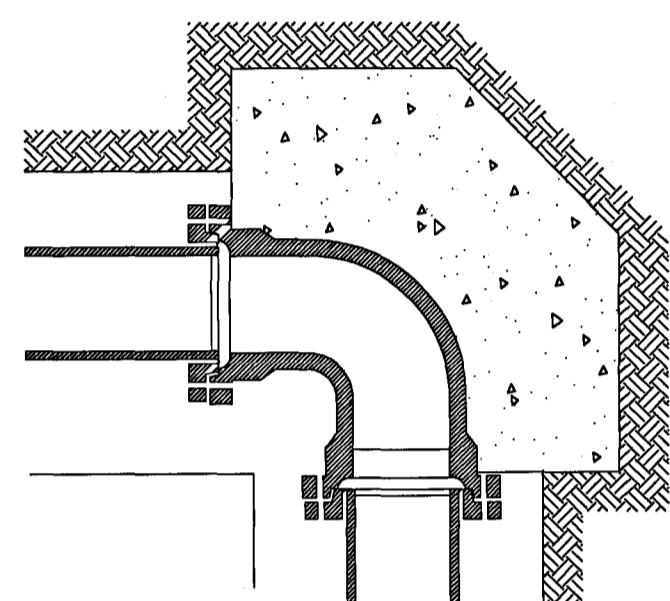
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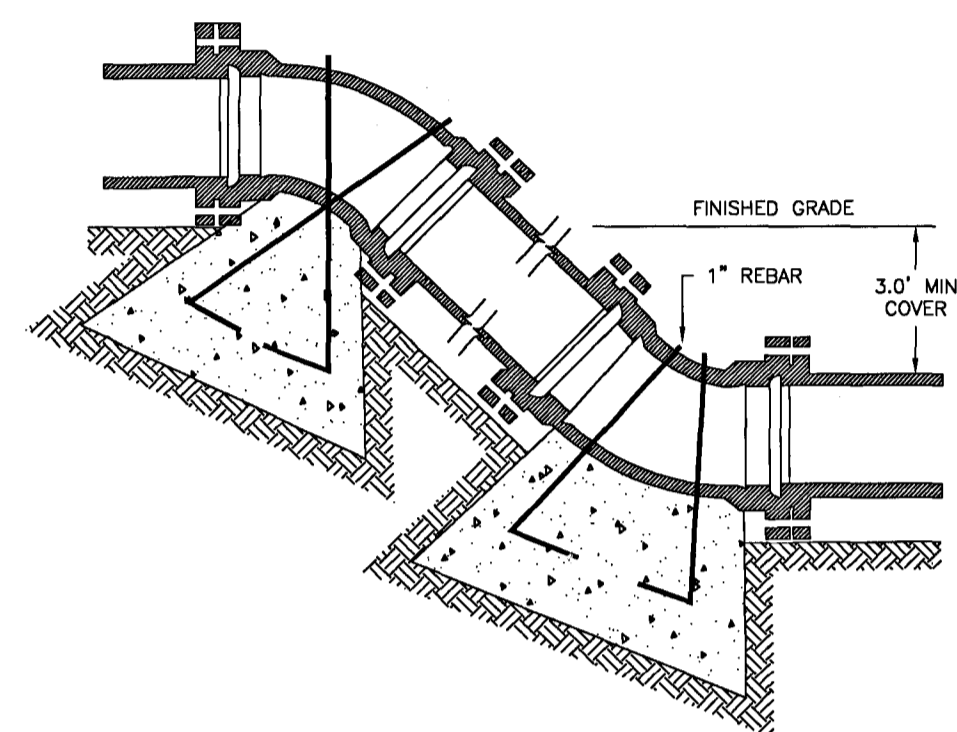
PLUGGED TEE



TEE



90° BENDS



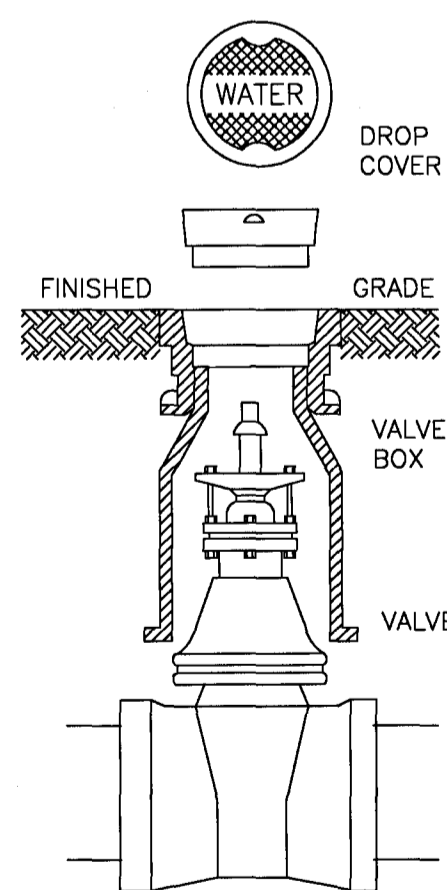
VERTICAL BENDS

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 (.50)	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)

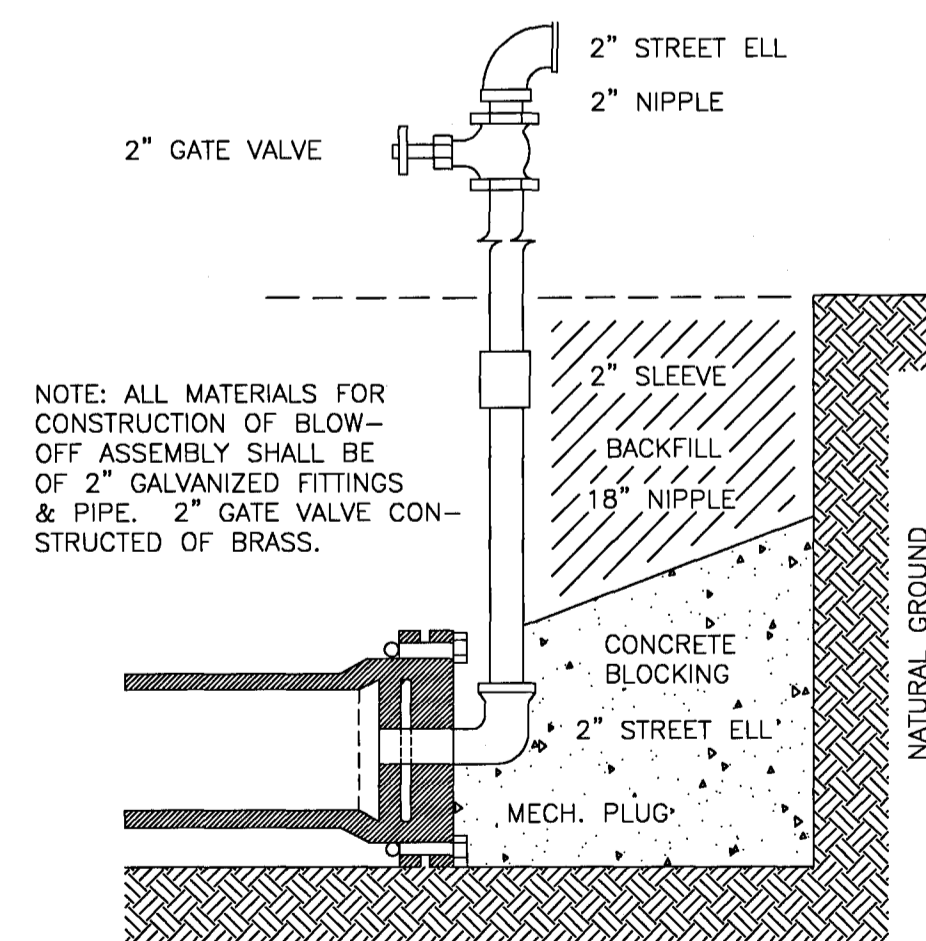
Volume of blocks including soil load CU.FT. (CU.YDS.)

BEARING AREA IN SQ. FT.

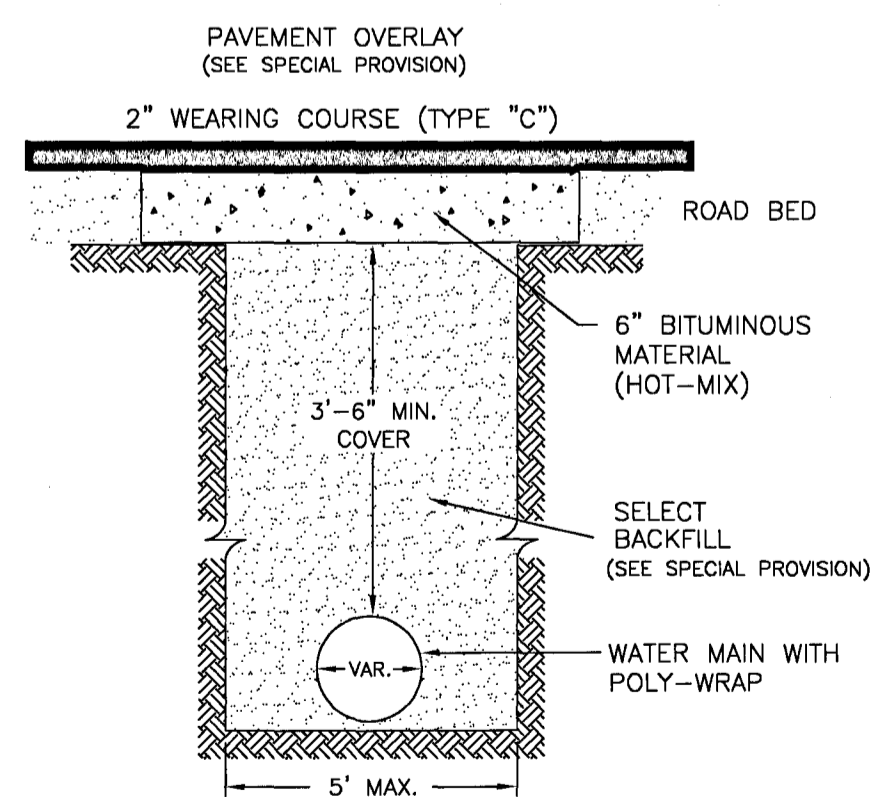
TYPICAL THRUST BLOCK INSTALLATION



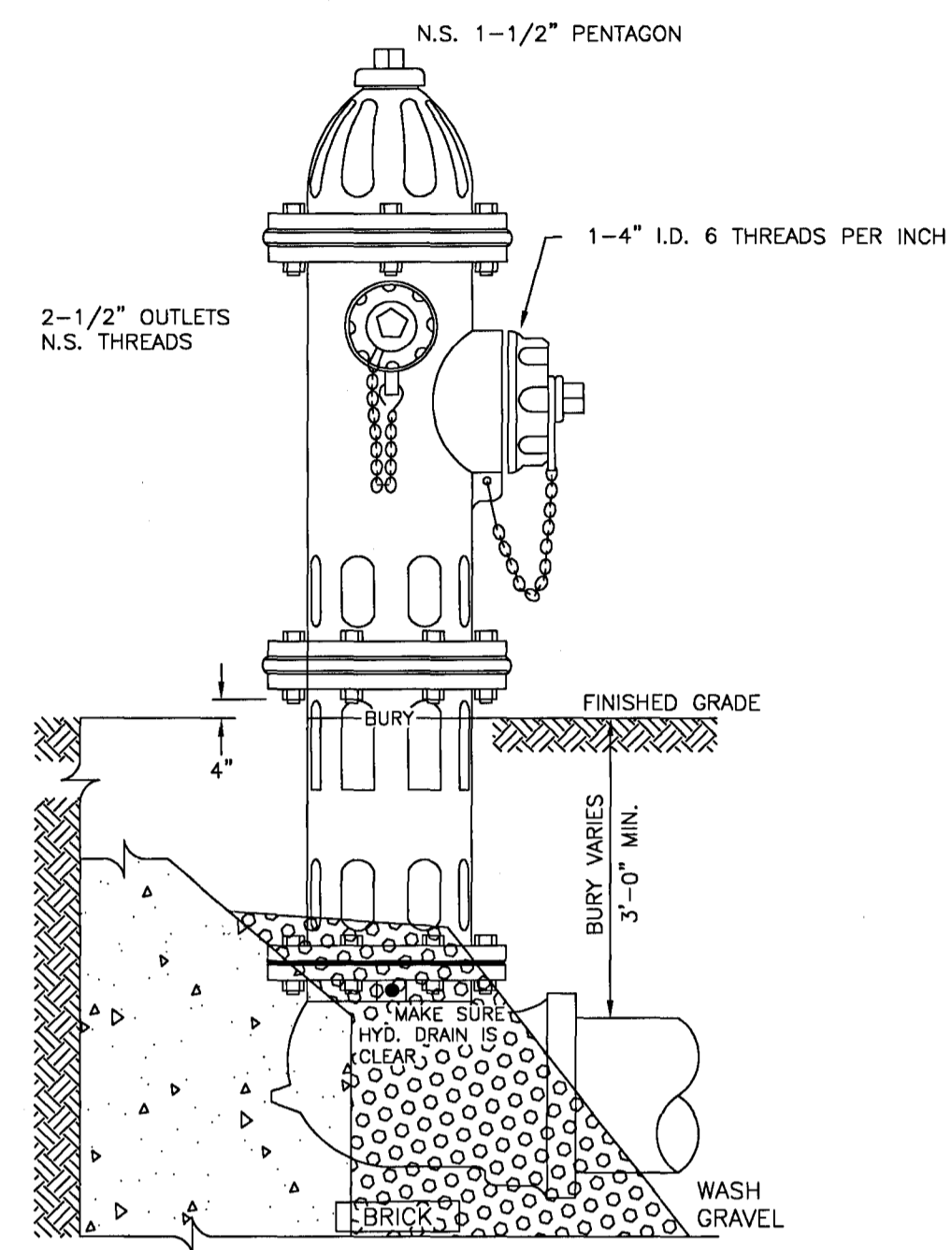
TYPICAL VALVE BOX



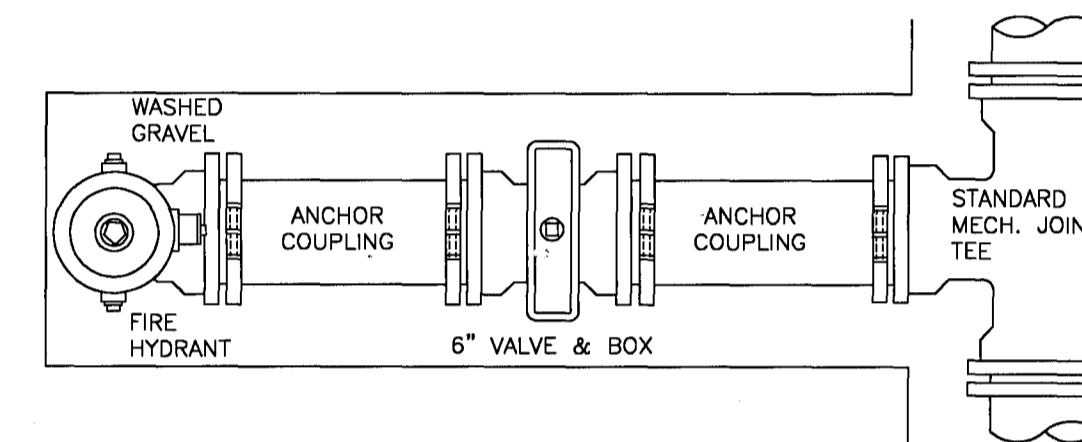
TYPICAL BLOW-OFF ASSEMBLY



TYPICAL STREET REPAIR

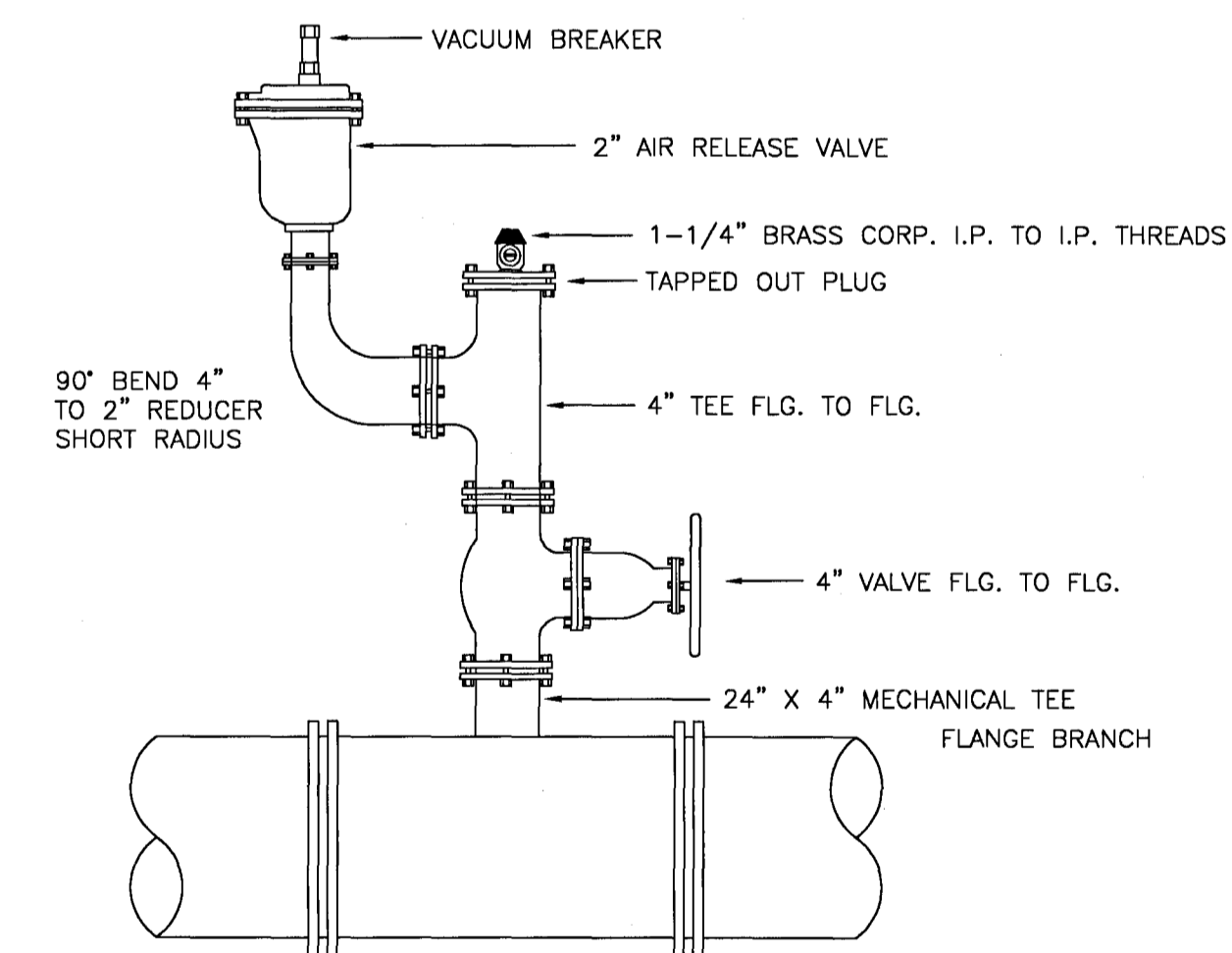


NOTE: ANCHOR RODS REQUIRED FOR ALL FIRE HYDRANTS



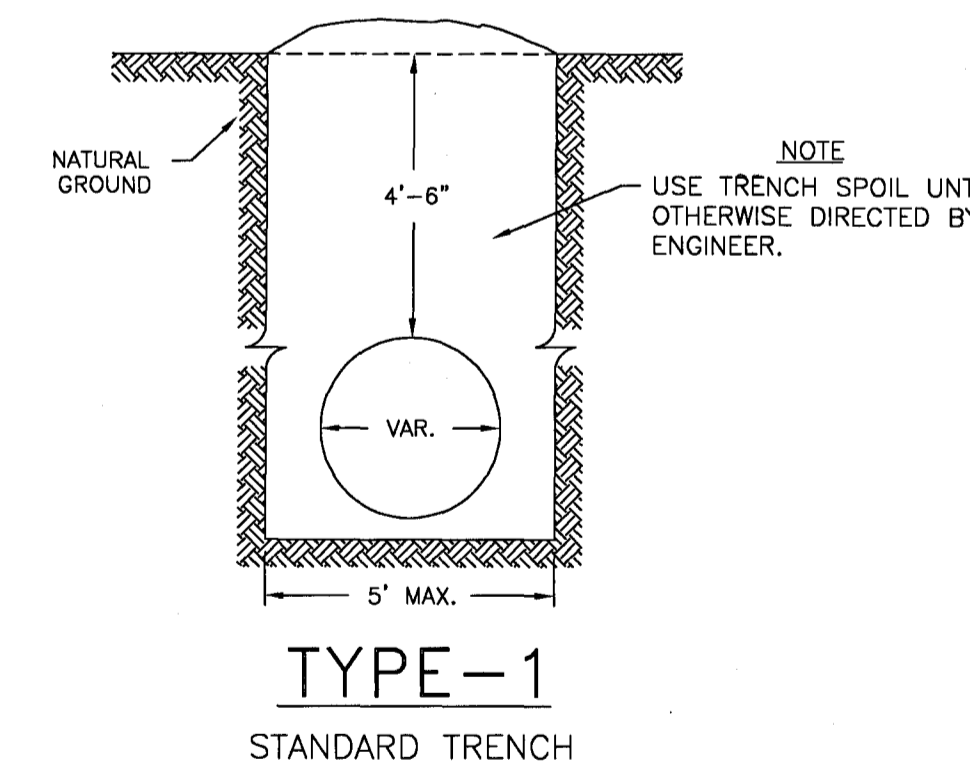
NOTE: GATE VALVES WILL BE REQUIRED ON ALL FIRE HYDRANT LEGS.

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

NOTE: USE TRENCH SPOIL UNTIL OTHERWISE DIRECTED BY ENGINEER.

DATE	REVISION

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DRAWN BY: NPW SCALE: AS SHOWN
DATE OF DRAWING: 8-05 PROJECT NO.: 158-03-001
CHECKED BY: APPROVED BY:

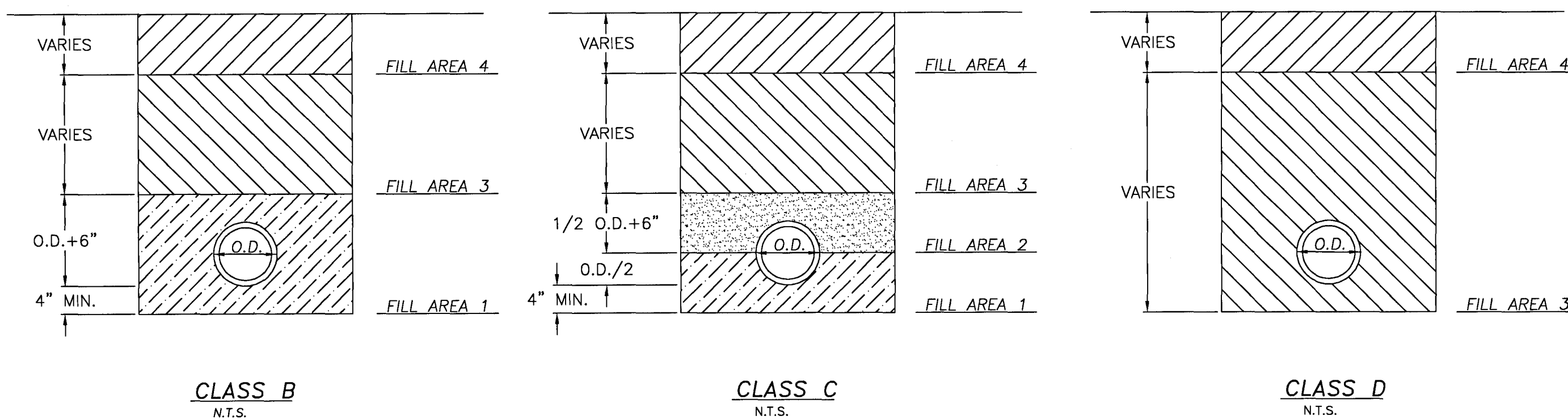
B BANKS ENGINEERING & SURVEYING, INC.
108 AMERICAN WAY • MADISON, MS 39110
OFFICE (601) 853-2311 • FAX (601) 853-3896

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

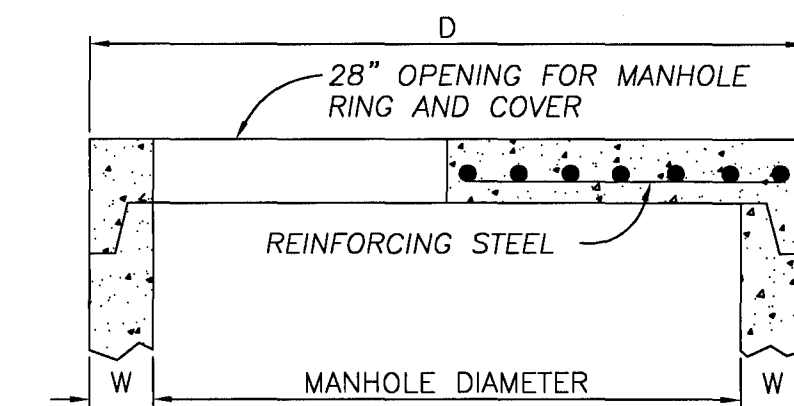
PROJECT:
BRIDGEWATER EIGHT AS-BUILT
STANDARD WATER DETAILS

SHEET NO.
18

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.

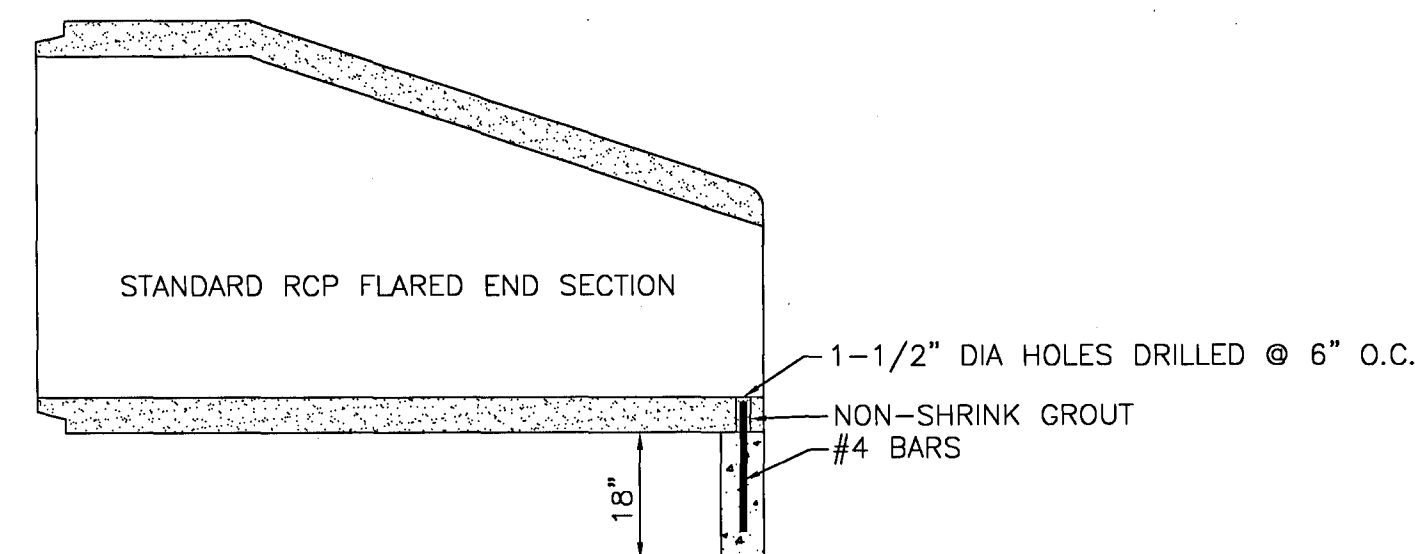


BEDDING / BACKFILLING DETAILS
N.T.S.

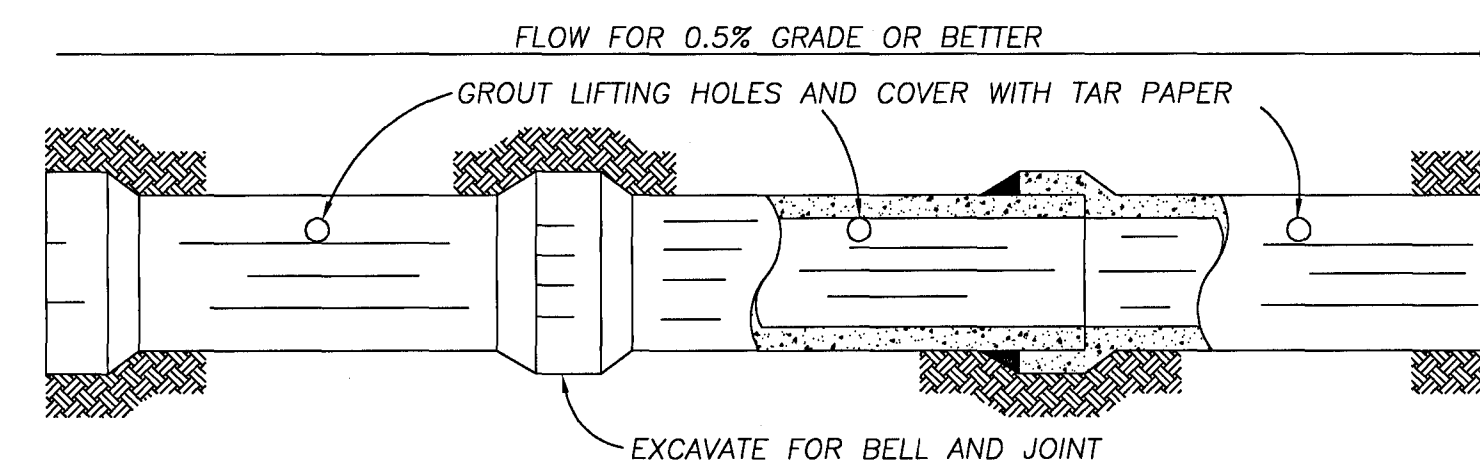


DIMENSION TABLE			
PIPE DIAMETER	W	D	T
48"	5"	58"	6"
60"	6"	72"	8"
72"	7"	86"	8"
84"	8"	100"	8"
96"	9"	114"	8"
108"	10"	128"	8"

FLAT SLAB MANHOLE TOP
N.T.S.

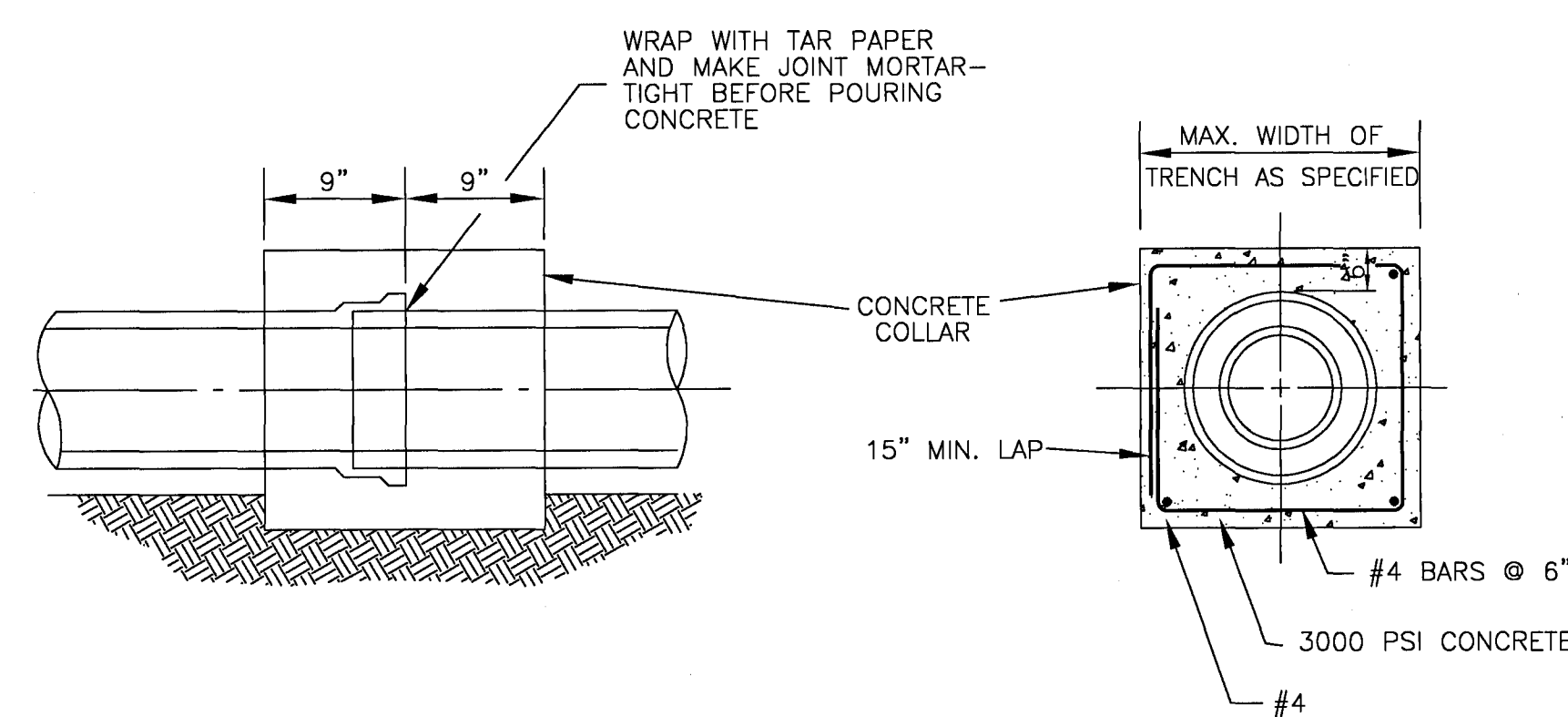


TYPICAL SECTION - F.E.S. W/TOE WALL
N.T.S.

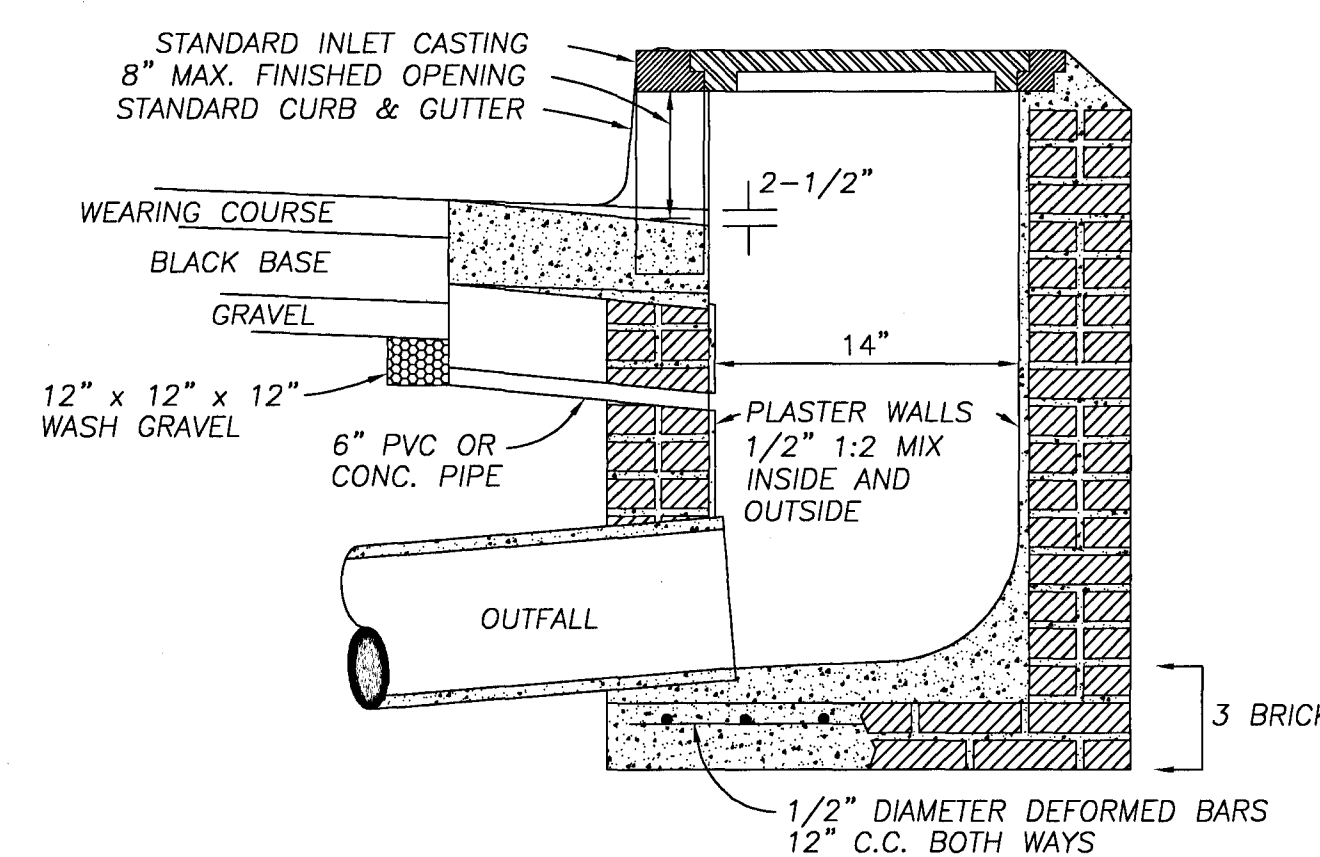


NOTE: ALL STORM SEWER JOINTS TO BE WIPED WITH 1:2 MIX CEMENT.

STORM SEWER CONSTRUCTION
N.T.S.

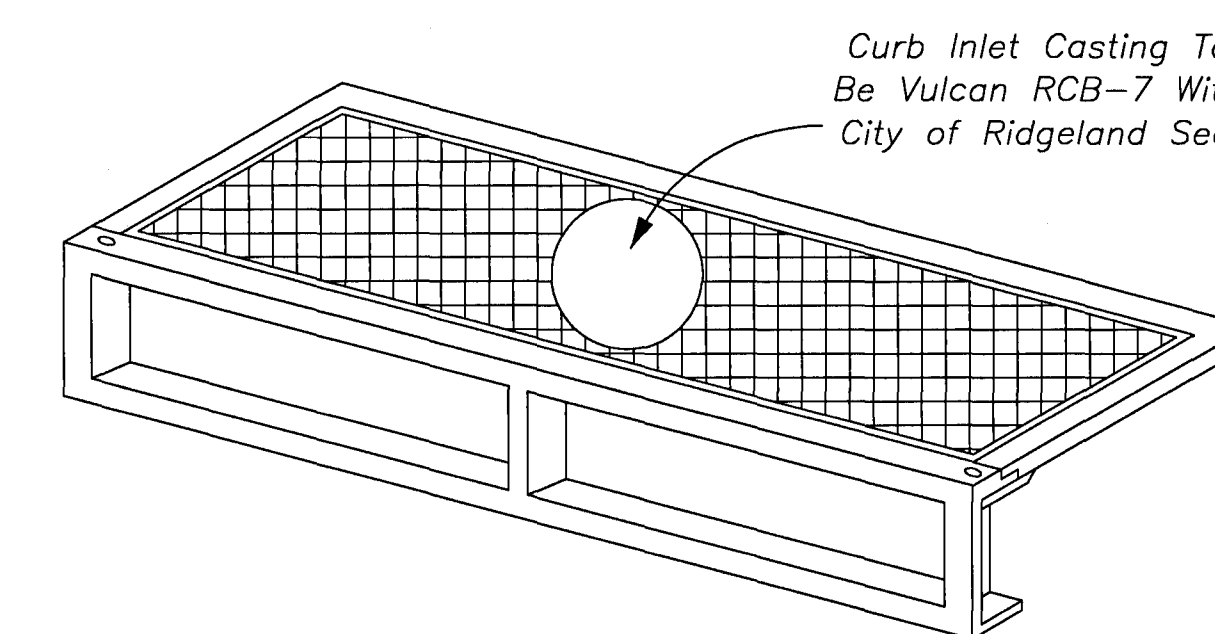


TYPICAL DETAIL OF CONCRETE COLLAR
N.T.S.

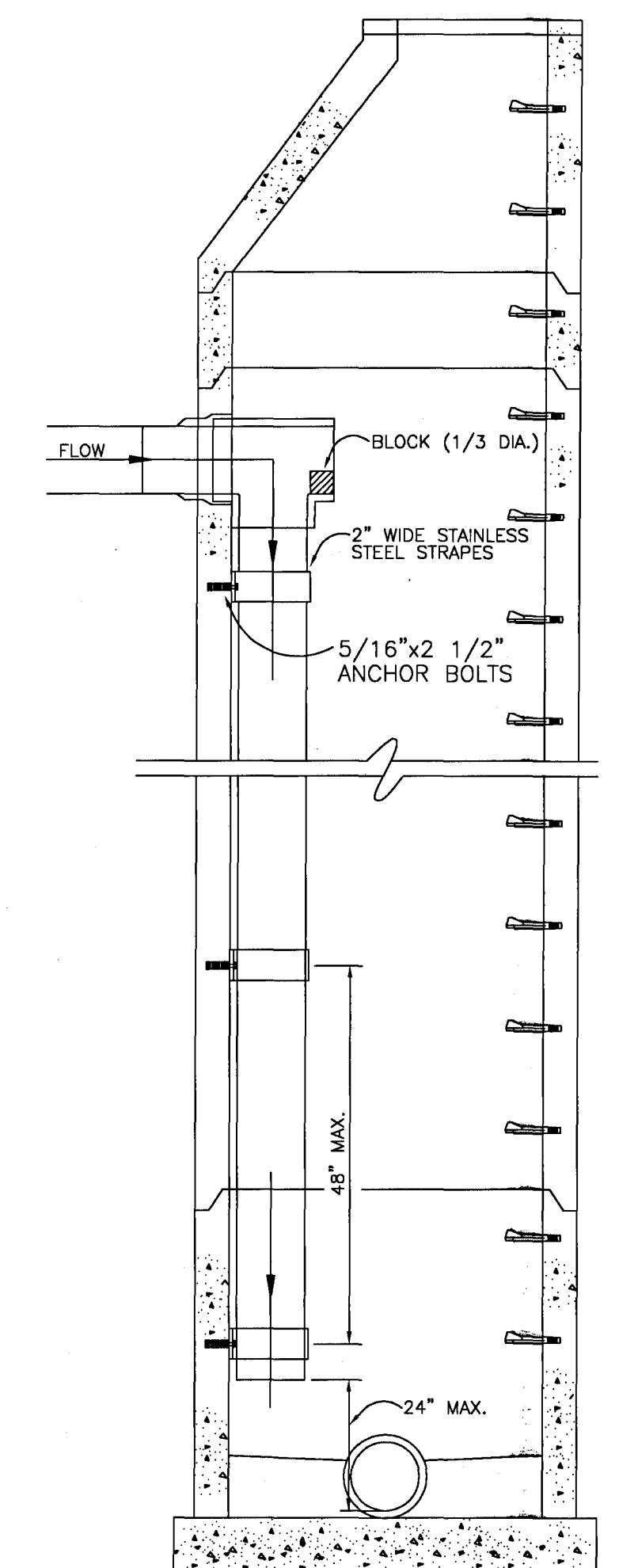


NOTES:
 1. DEPTH OF INLET IS VARIABLE.
 2. SOIL DRAIN COST IS TO BE INCLUDED IN THE CONSTRUCTION OF THE INLET.

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

DRAWING NAME: D:\PROJECTS\158-03\ASBUILT\STDMISC.DWG
 DRAWN BY: B. C. B. SCALE: AS SHOWN
 DATE OF DRAWING: 8-05 PROJECT NO.: 158-03-001
 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 EIGHT AS-BUILT
 MISCELLANEOUS DETAILS

SHEET NO.
19