

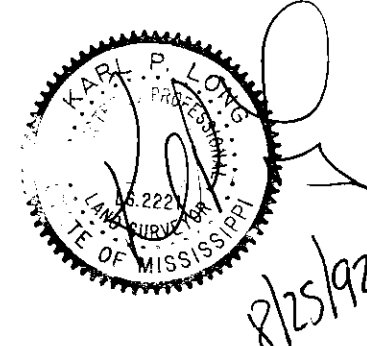
CANDLERBURY

SW 1\4 SECTION 24, T7N-R1E
RIDGELAND, MADISON CO., MISS.

DEVELOPED BY:
OLD AGENCY PARTNERSHIP
4 RIVER BEND PLACE
FLOWOOD, MS 39208

DESIGNED BY:
CENTRAL MISSISSIPPI ENGINEERING, INC.
4 RIVER BEND PLACE
FLOWOOD, MS 39208

JULY, 1992

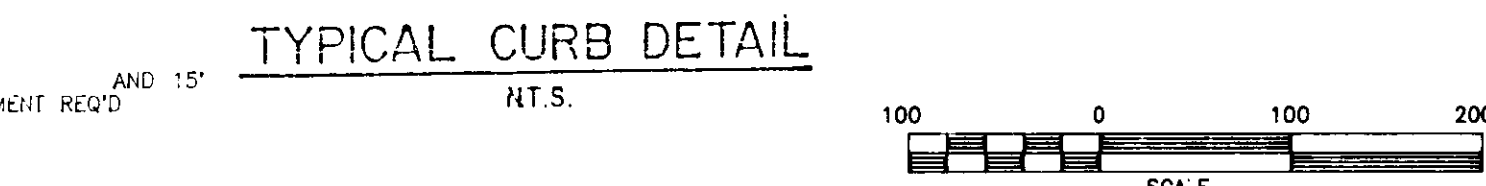
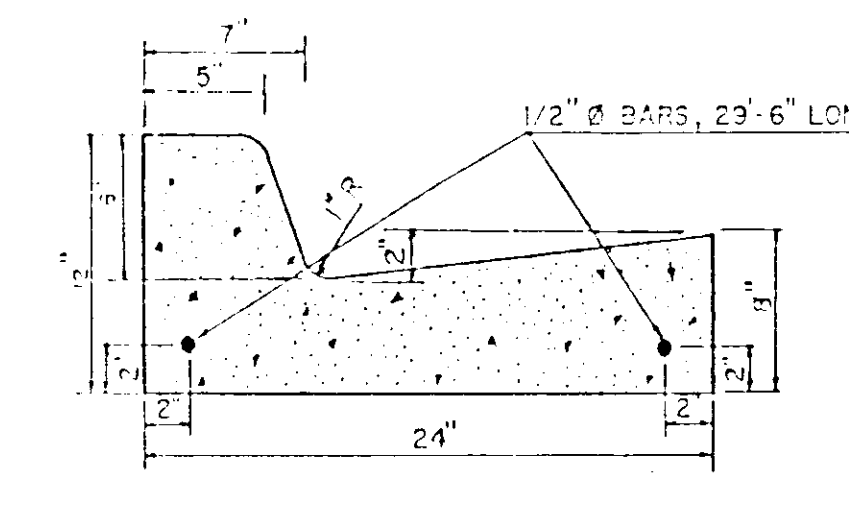
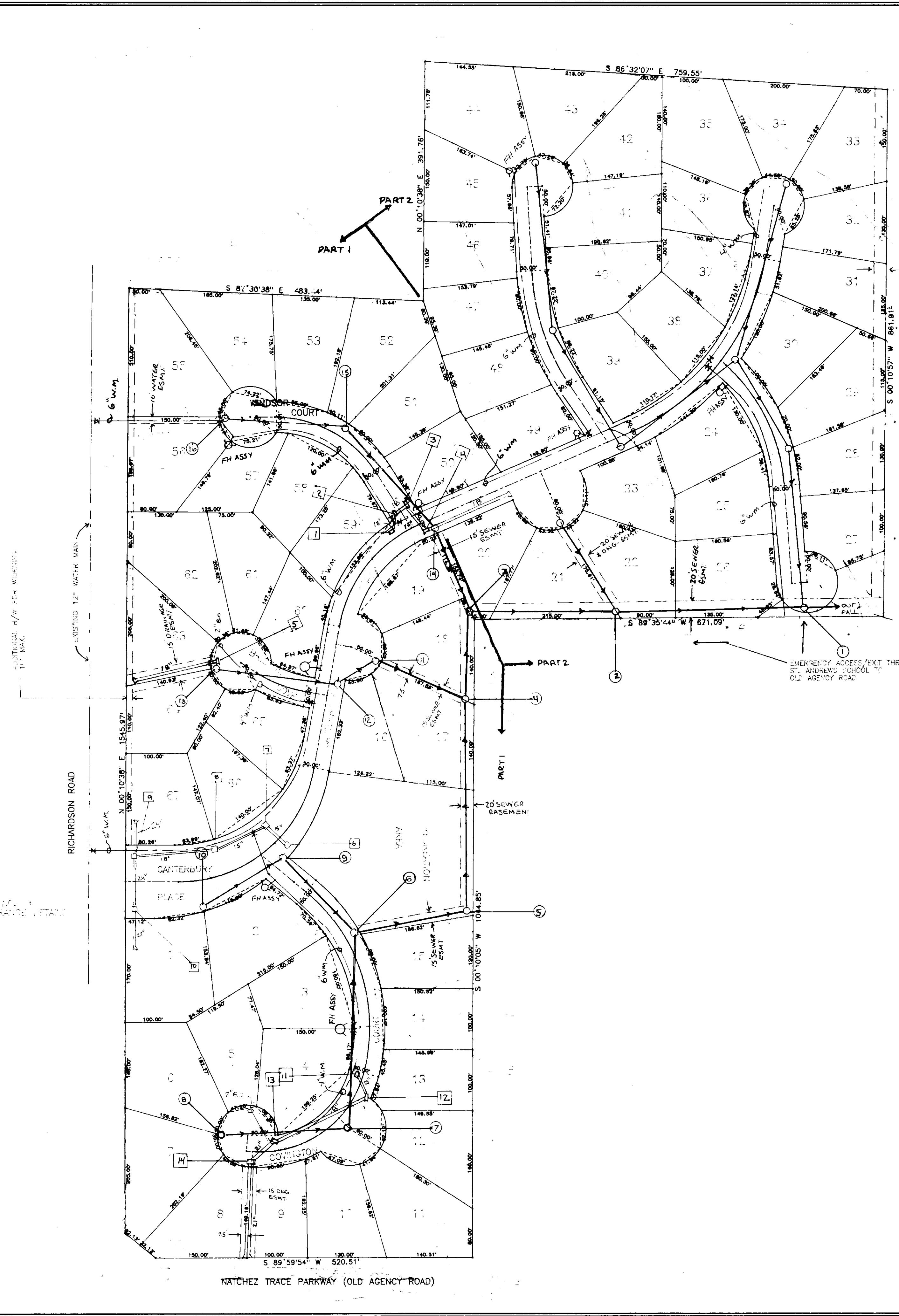
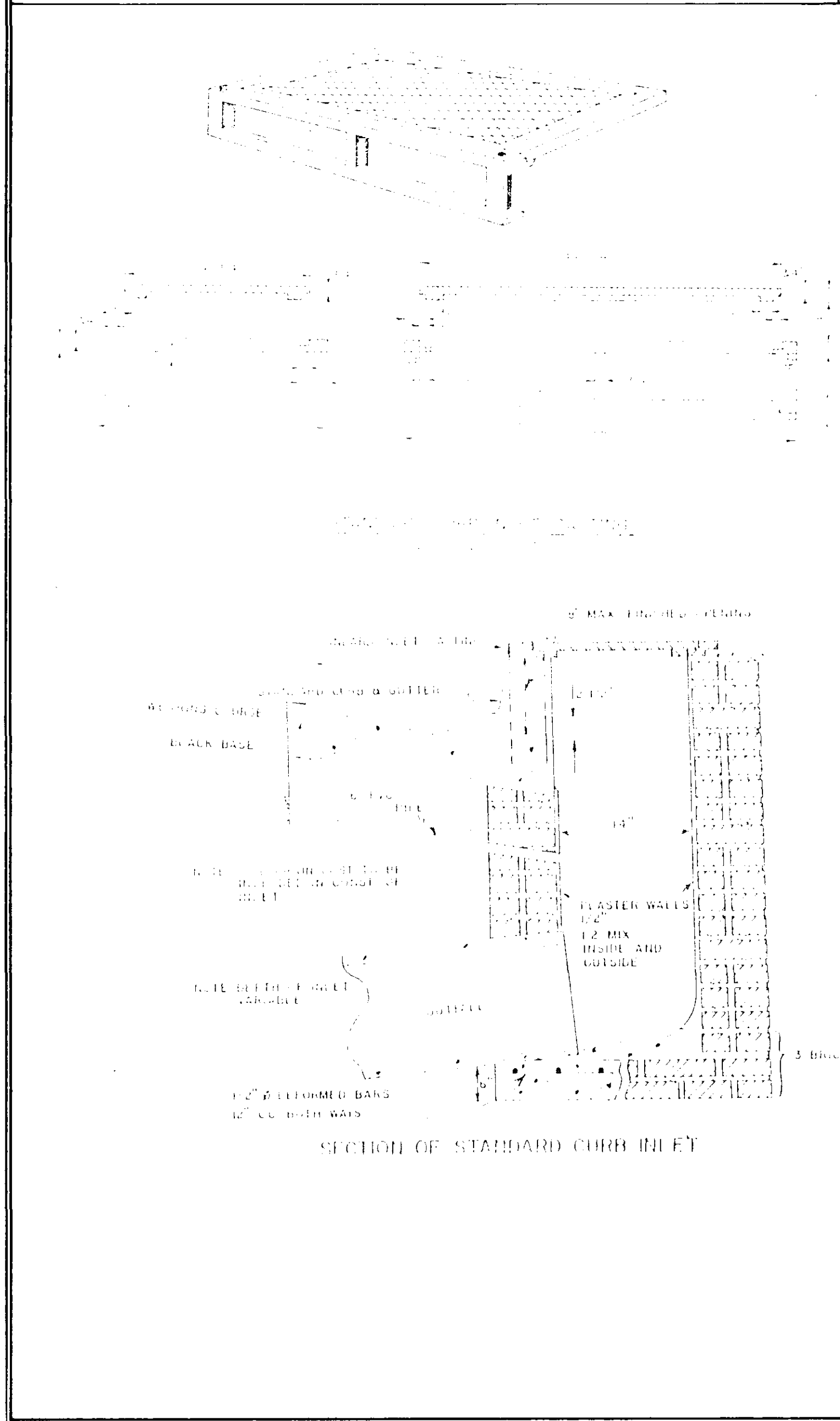
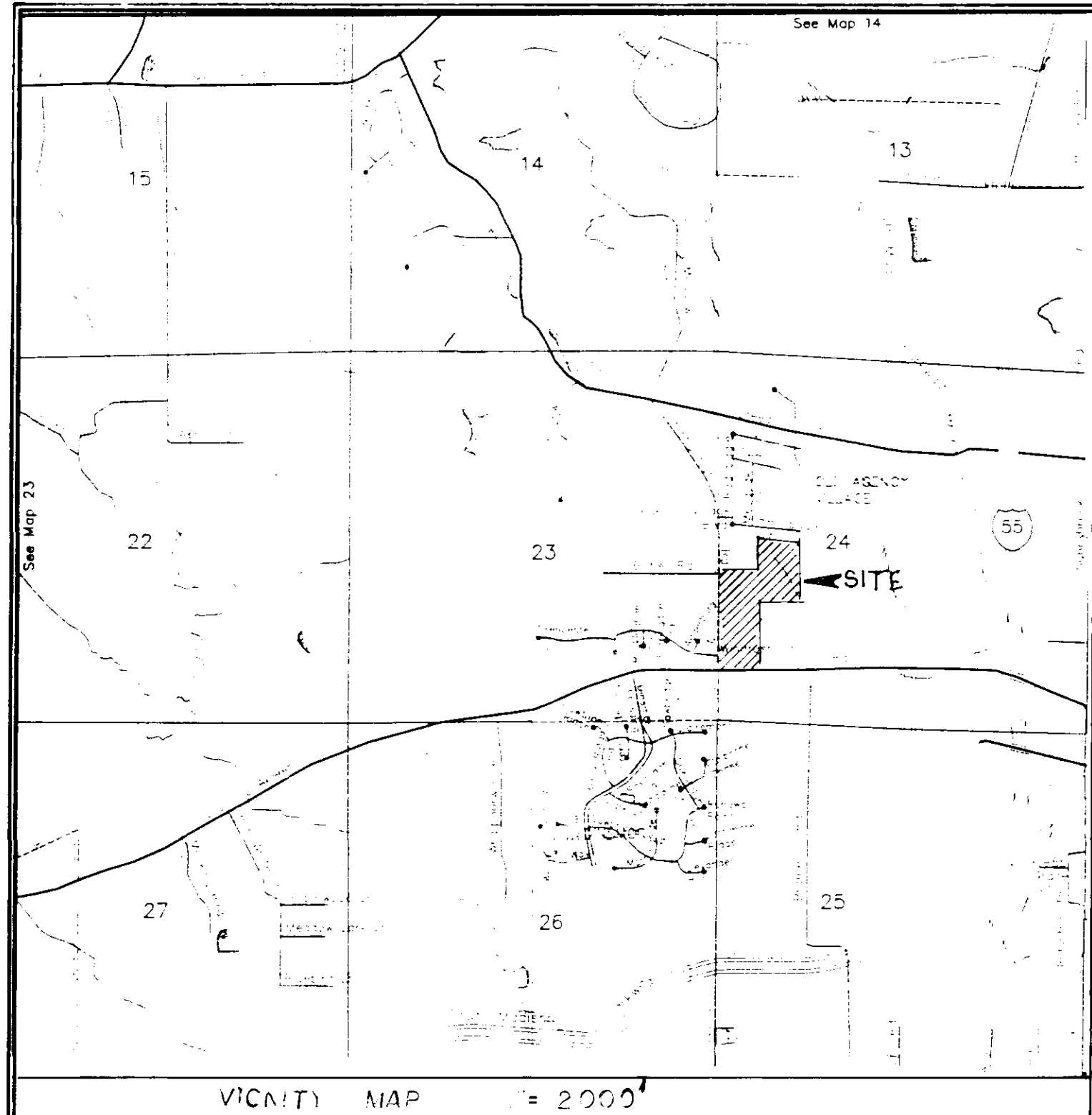


INDEX OF DRAWINGS

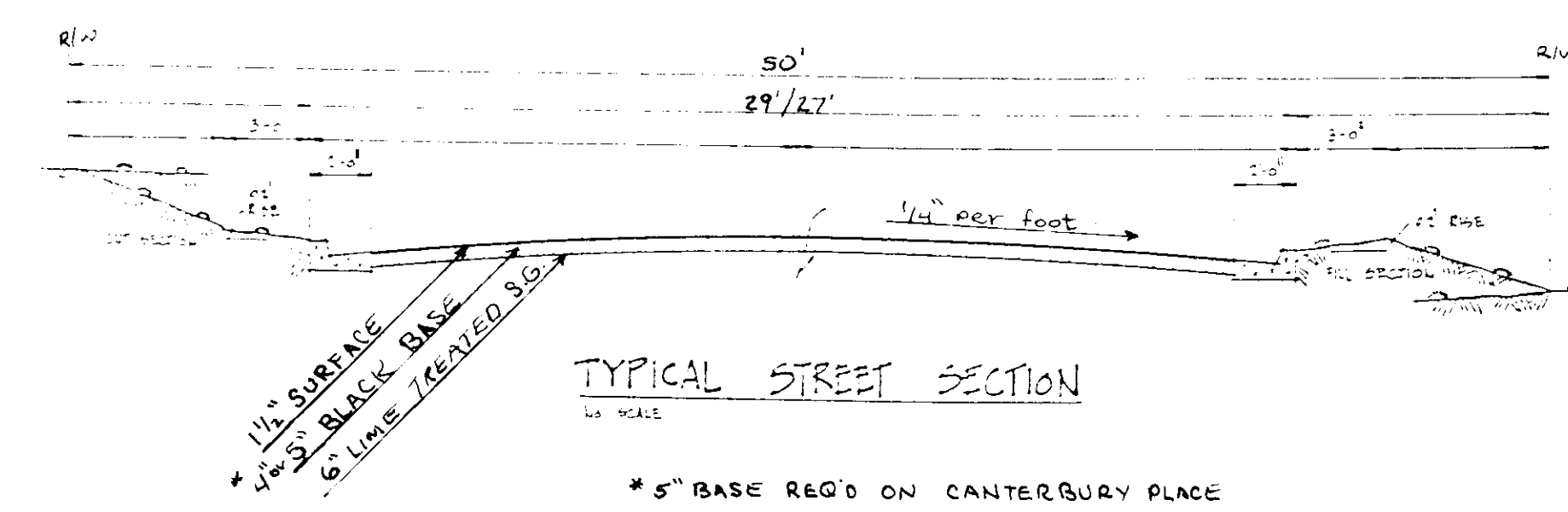
SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	PRELIMINARY PLAT/UTILITIES
3.	ENTRANCE DETAILS
4.	PLAN - PROFILE
5.	PLAN - PROFILE
6.	PLAN - PROFILE SEWER OUTFALL
7.	STANDARD SEWER CONST. DETAILS
8.	STANDARD WATER CONST. DETAILS

DISAPPROVED _____
APPROVED _____
APPROVED AS NOTED _____
REVIEWED FOR GENERAL CONFORMANCE TO
THE PLANS AND SPECIFICATIONS. THE CITY
OF RIDGELAND DOES NOT VERIFY THE
ACCURACY OF THIS DATA AND APPROVAL
DOES NOT RELIEVE THE OWNER AND/OR
CONTRACTOR OF HIS RESPONSIBILITY FOR
SUCH ACCURACY AND CONFORMANCE TO
PLANS AND SPECIFICATIONS.
CITY OF RIDGELAND, MS
PUBLIC WORKS DEPARTMENT
Date: 8/25/92 By: *[Signature]*

PWP-00317



THIS IS A CLASS 'A' SURVEY HAVING AN ERROR OF CLOSURE OF 1:7500.
BEARINGS ARE MAGNETIC, BASED ON DEED.
TOPOGRAPHIC INFORMATION PROVIDED BY AUST AERIAL MAPPING FROM AERIAL PHOTOGRAPHY. ELEVATION DATUM IS NGVD.
PARCEL IS 35.0 ACRES, MORE OR LESS.
THIS PROPERTY IS SITUATED IN SOME 'C', NOT A FLOOD HAZARD AREA, ACCORDING TO MAP NO. 280228-0295-B, DATED 1/2/80.



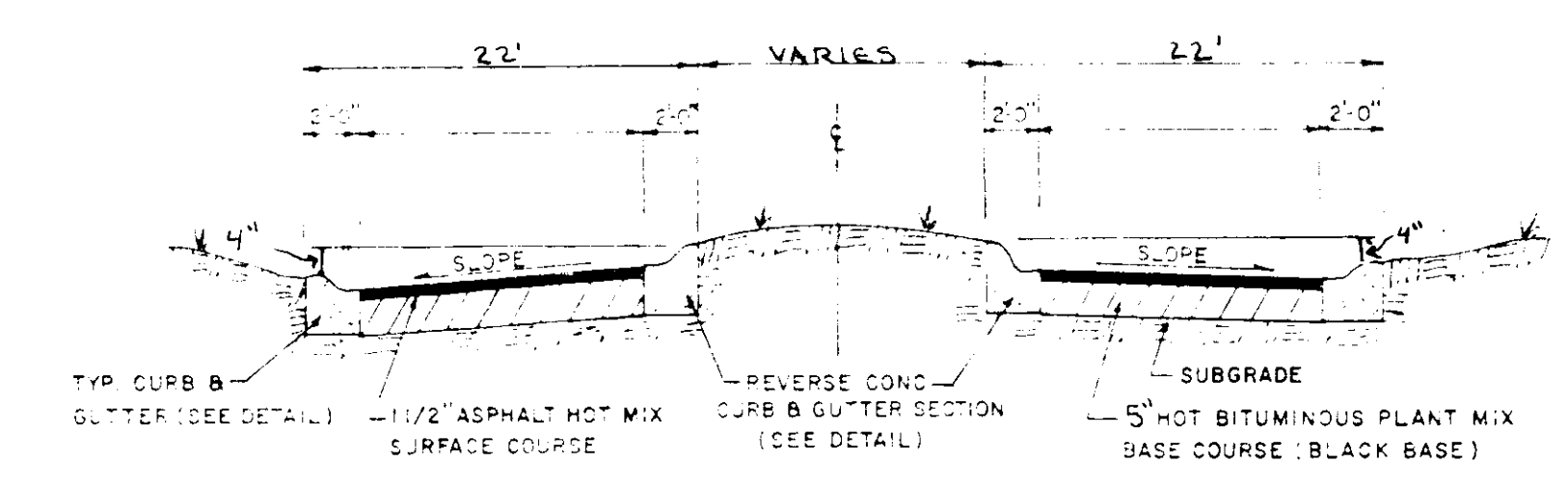
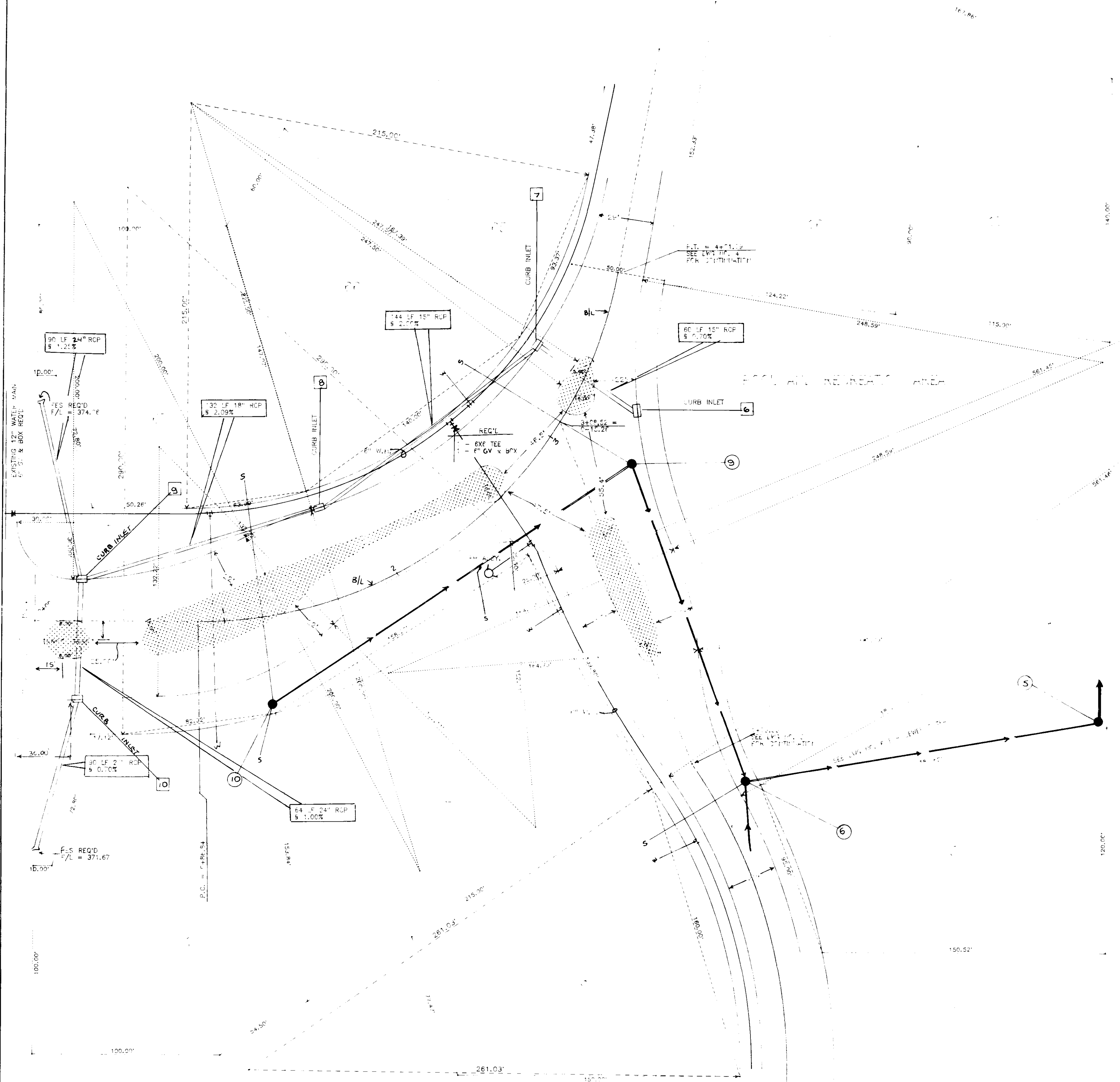
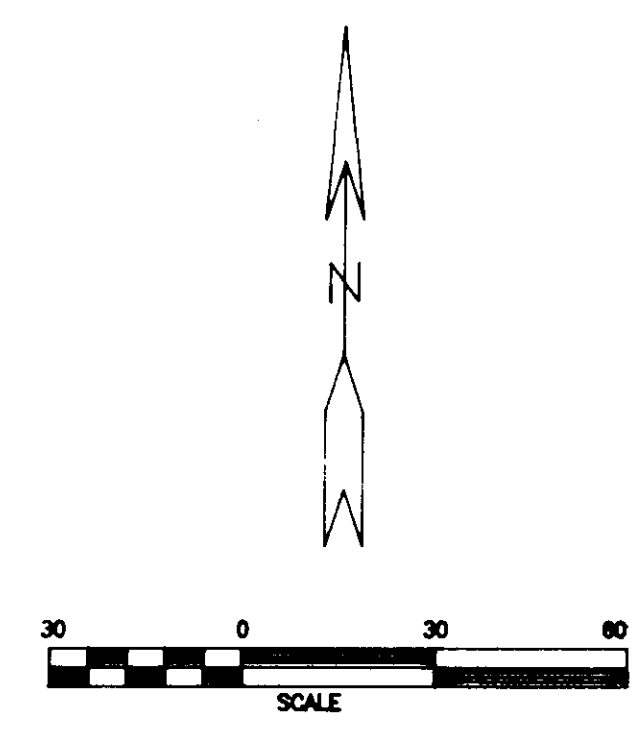
DEVELOPED BY:
OLD AGENCY PARTNERSHIP
4 RIVERBEND PLACE
FLOWOOD, MISSISSIPPI 39208

PRELIMINARY PLAT / UTILITIES
CANTERBURY
SITUATED IN SW 1/4 OF SECTION 24, 17N-R1E
RIDGELAND, MADISON COUNTY, MISSISSIPPI

CENTRAL MISSISSIPPI ENGINEERING, INC.
4 RIVERBEND PLACE
FLOWOOD, MISSISSIPPI 39208
601-932-3068
AUGUST 18, 1992

CURVE DATA

$\Delta = 80.12'02"$
 $T = 189.47'$
 $R = 225.00'$
 $L = 314.95'$
 $D = 25.27'53"$



TYPICAL BOULEVARD STREET SECTION

CENTERLINE
 ENTRANCE PLANT AREA

CENTRAL TRUCK STOP & SERVICE, INC.
 10000 BELLEVUE BLVD
 BELLINGHAM, WA 98226

CANTERBURY
DRAINAGE COMPUTATIONS

RUNOFF: C = 0.70
I = 7.5 INCHES/HOUR
A = DRAINAGE AREA

CAPACITY: Q = 11.48 (1.0) AS 1/2
S = SLOPE
N = 0.013

NOTE: C is taken from Table 3 in the "Concrete Pipe Design Manual" published by the American Concrete Pipe Association.

INLET 1: DA = 1.5 AC Q = (0.70)(7.5)(1.5) = 7.9 CFS	15" @ 1.50% Q = (105)(0.1225) = 12.86 CFS
INLET 2: DA = 1.0 AC Q = (0.70)(7.5)(1.0) = 5.25 CFS	18" @ 1.60% Q = (105)(0.1265) = 13.28 CFS
INLET 3: DA = 1.1 AC Q = (0.70)(7.5)(1.1) = 5.8 CFS	18" @ 3.30% Q = (105)(0.1817) = 19.1 CFS
INLET 4: DA = 0.8 AC Q = (0.70)(7.5)(0.8) = 4.2 CFS	18" @ 4.91% Q = (105)(0.2216) = 23.3 CFS
INLET 5: DA = 1.4 AC Q = (0.70)(7.5)(1.4) = 7.4 CFS	18" @ 1.30% Q = (105)(0.1149) = 12.0 CFS
INLET 6: DA = 1.00 AC Q = (0.70)(7.5)(1.0) = 5.3 CFS	15" @ 0.70% Q = (64.7)(0.0837) = 5.4 CFS
INLET 7: DA = 0.75 AC Q = (0.70)(7.5)(0.75) = 3.9 CFS	15" @ 2.00% Q = (64.7)(0.1414) = 9.1 CFS
INLET 8: DA = 0.3 AC Q = (0.70)(7.5)(0.3) = 1.6 CFS	18" @ 2.00% Q = (105)(0.1414) = 14.8 CFS
INLET 9: DA = 1.2 AC Q = (0.70)(7.5)(1.2) = 7.9 CFS	24" @ 1.00% Q = (226)(0.1000) = 22.6 CFS
INLET 10: DA = 0.6 AC Q = (0.70)(7.5)(0.6) = 3.2 CFS	27" @ 0.70% Q = (310)(0.0837) = 25.9 CFS
INLET 11: DA = 1.1 AC Q = (0.70)(7.5)(1.1) = 5.8 CFS	15" @ 1.85% Q = (64.7)(0.1360) = 8.8 CFS
INLET 12: DA = 0.8 AC Q = (0.70)(7.5)(0.8) = 4.2 CFS	18" @ 2.10% Q = (105)(0.1511) = 15.8 CFS
INLET 13: DA = 1.3 AC Q = (0.70)(7.5)(1.3) = 6.8 CFS	21" @ 1.25% Q = (158)(0.1118) = 17.6 CFS
INLET 14: DA = 1.3 AC Q = (0.70)(7.5)(1.3) = 6.8 CFS	21" @ 2.50% Q = (158)(0.1581) = 25.0 CFS

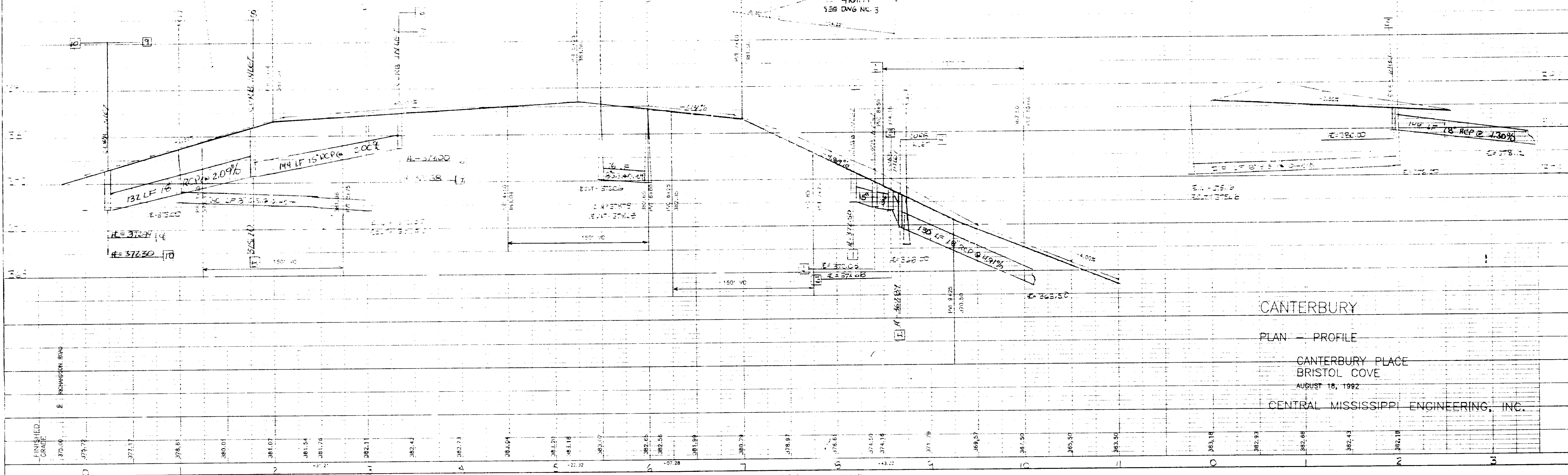
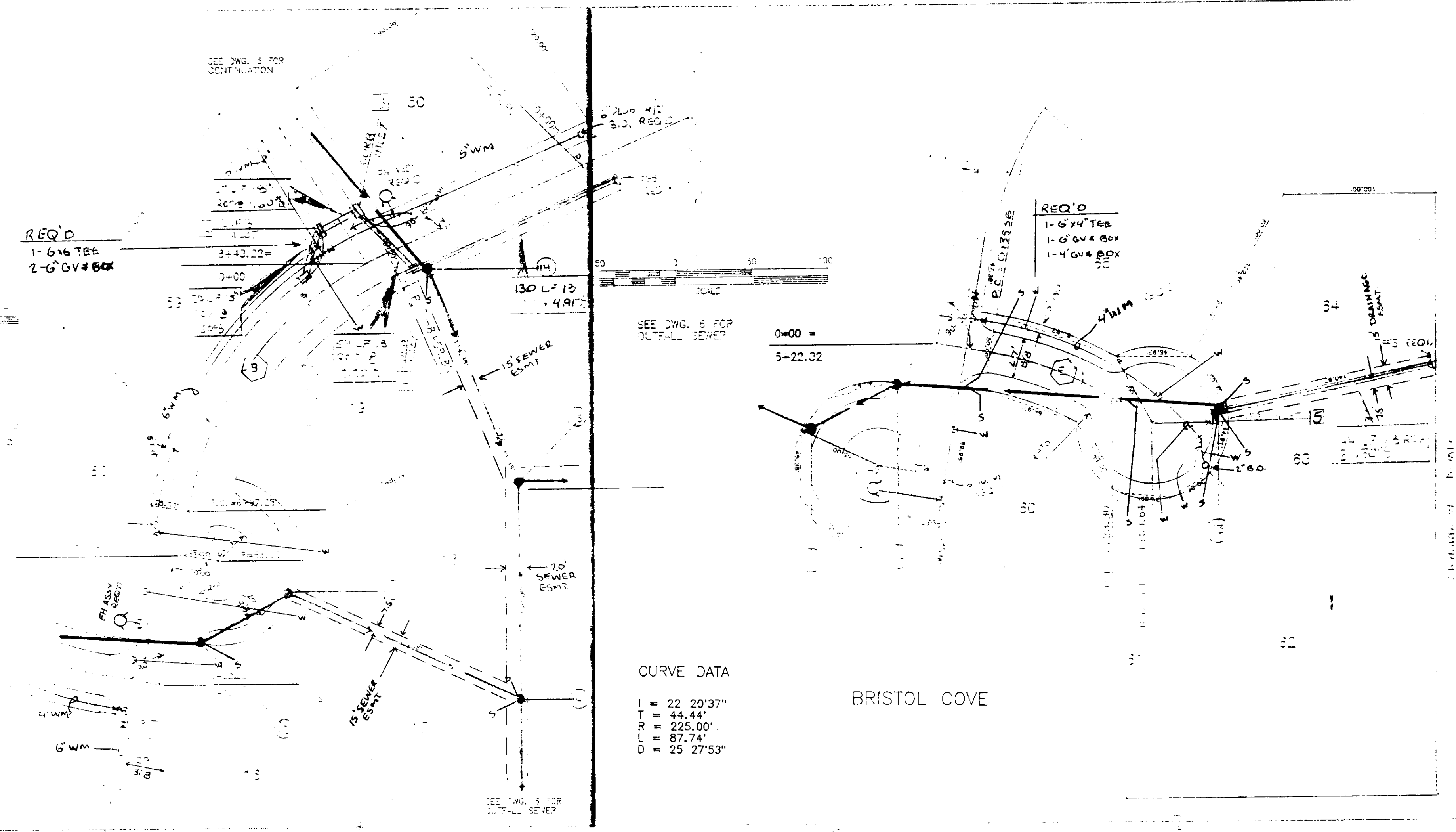
CANTERBURY PLACE

CURVE DATA

L = 56 25'22"
T = 120.70'
R = 225.00'
L = 221.57'
D = 25 27'53"

CURVE DATA

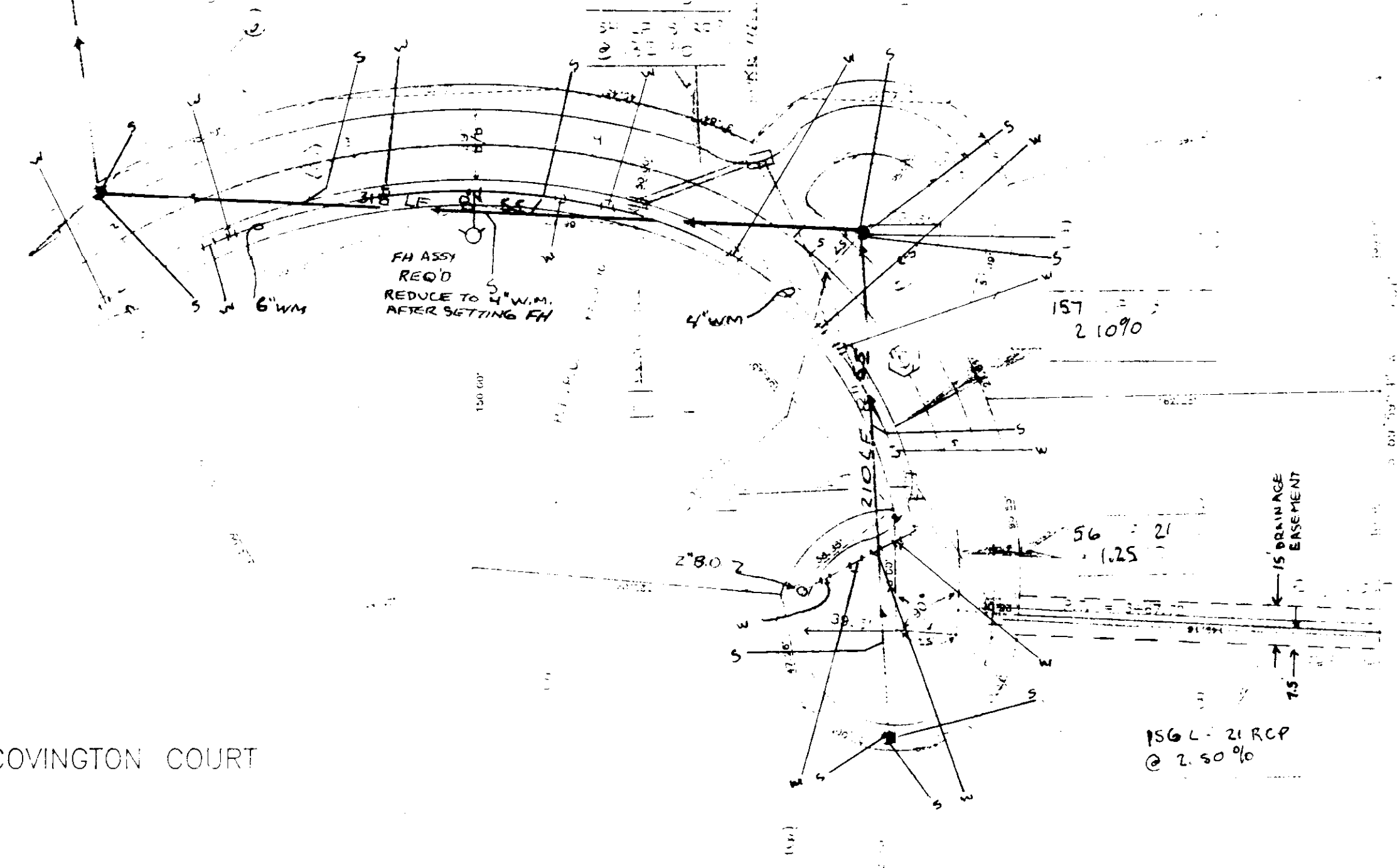
L = 22 20'37"
T = 44.44'
R = 225.00'
L = 87.74'
D = 25 27'53"



CANTERBURY
PLAN - PROFILE
CANTERBURY PLACE
BRISTOL COVE
AUGUST 18, 1992
CENTRAL MISSISSIPPI ENGINEERING, INC.

SEE DWG. No. 6
FOR SEWER
OUTFALL

1475.59 MATCH
w/DWG. NO. 3



COVINGTON COURT

CURVE 'C' DATA

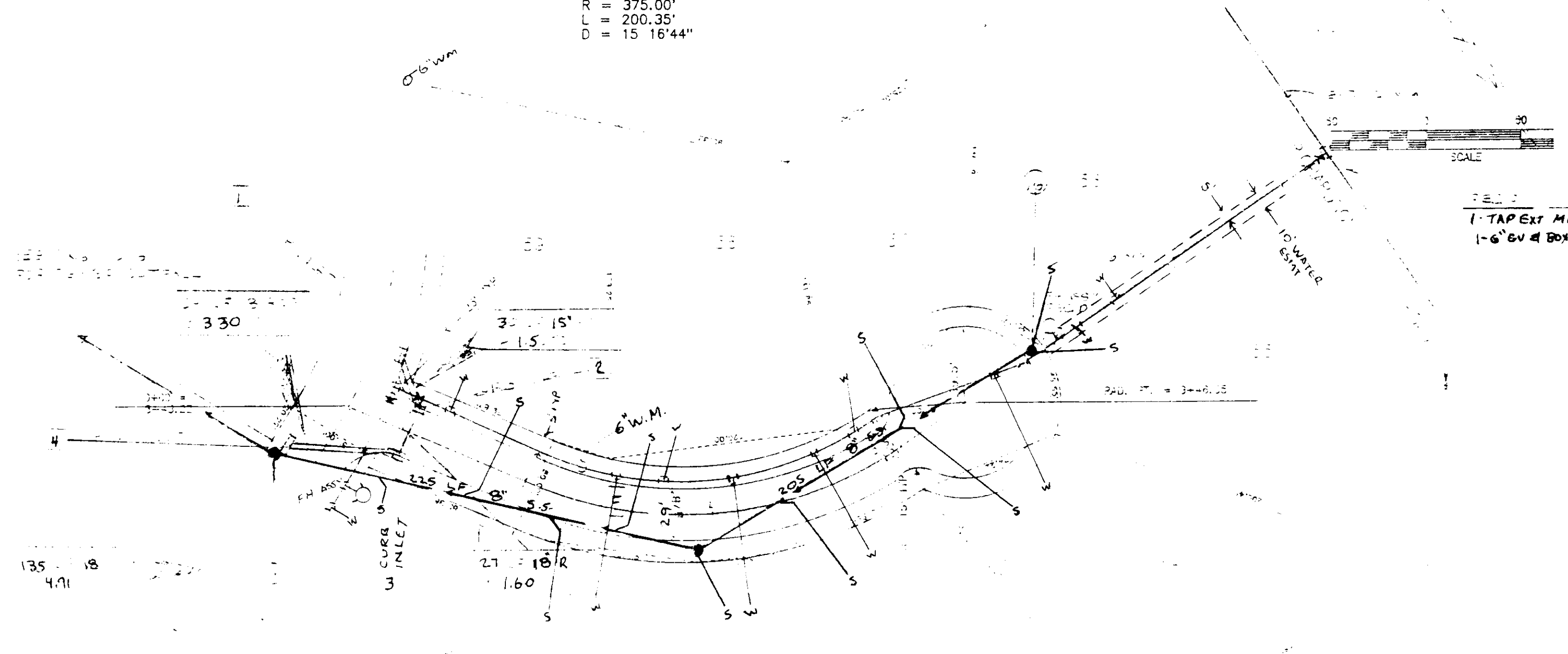
L = 65 47'57"
T = 185.04'
R = 286.03'
L' = 328.48'
D = 20 01'53"

CURVE 'D' DATA

L = 79 26'54"
T = 145.41'
R = 175.00'
L' = 242.68'
D = 32 44'26"

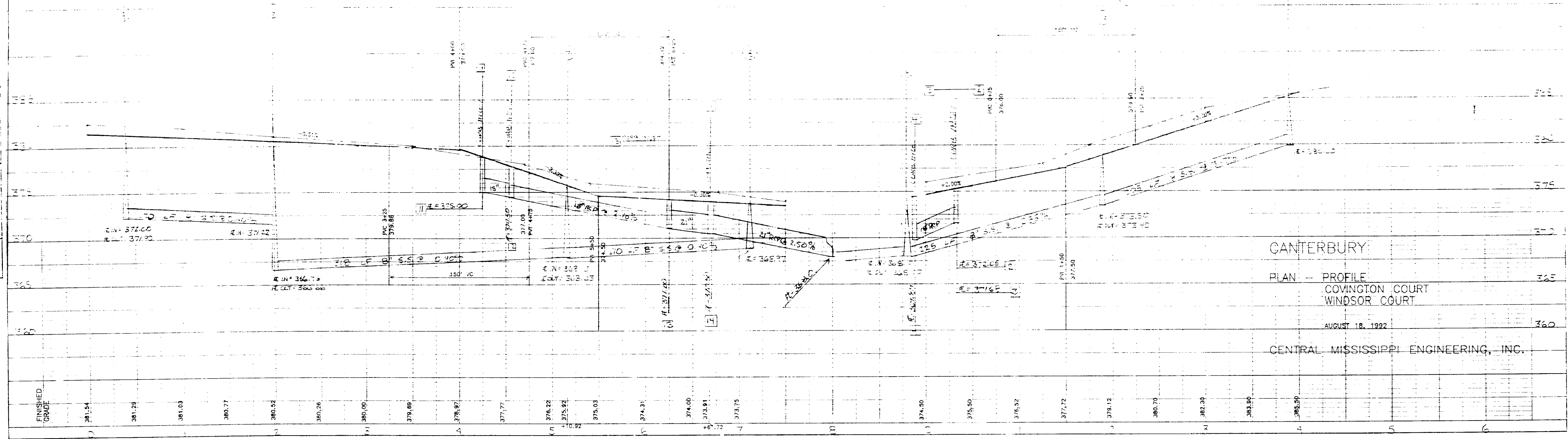
CURVE DATA

L = 30 36'43"
T = 102.63'
R = 375.00'
L' = 200.35'
D = 15 16'44"



WINDSOR COURT

PROFILE
DATE BOOK



CANTERBURY
PLAN - PROFILE
COVINGTON COURT
WINDSOR COURT

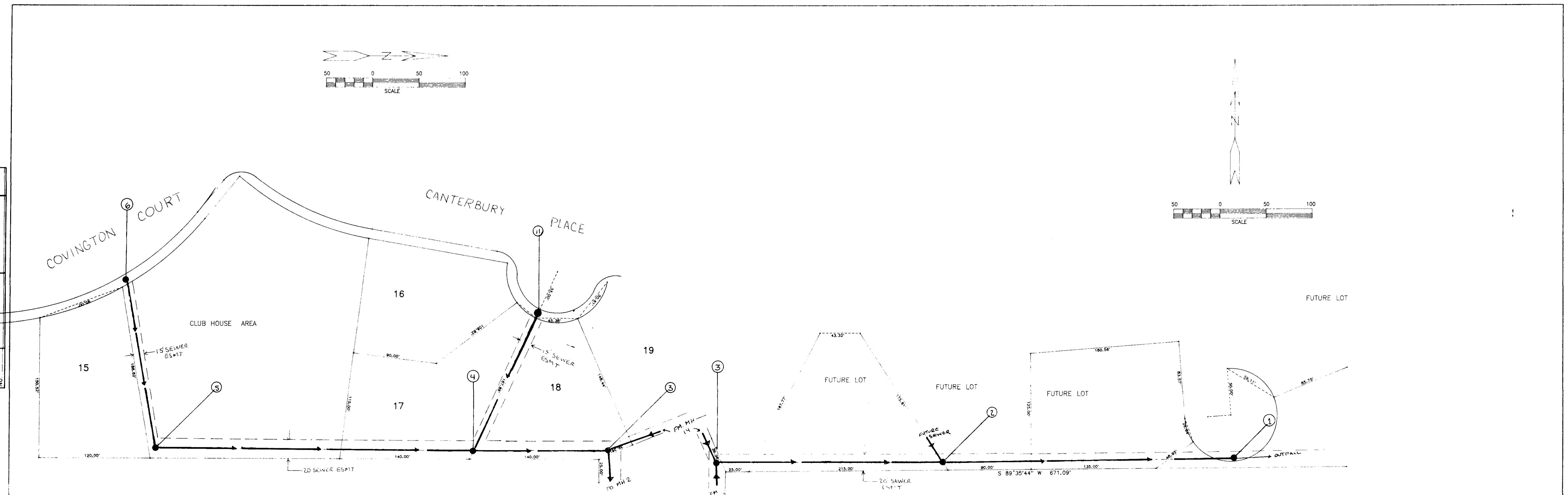
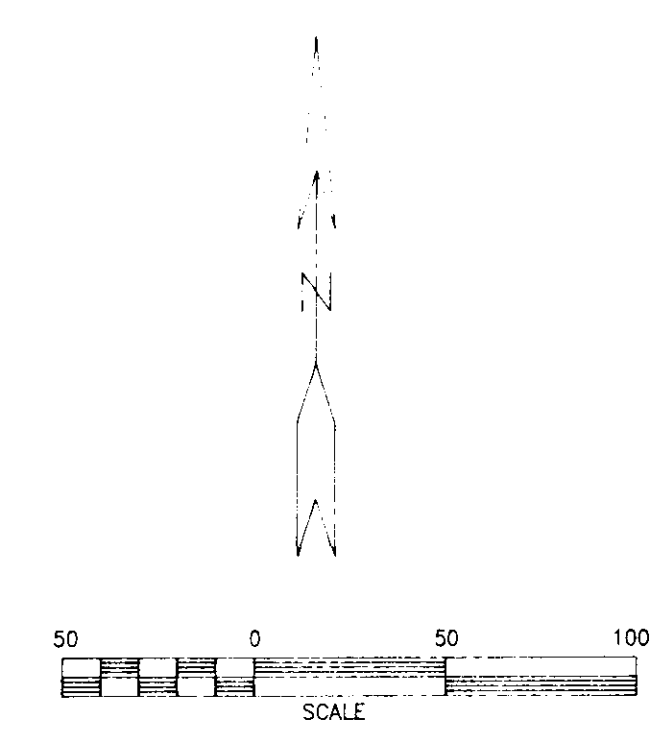
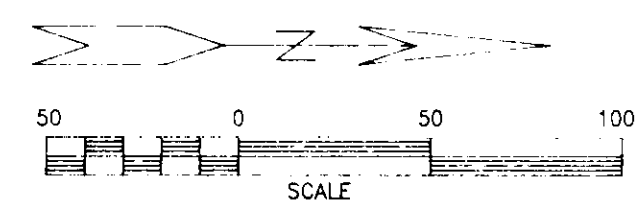
AUGUST 18, 1992

CENTRAL MISSISSIPPI ENGINEERING, INC.

PLEASE PRINT PROFILE TO A & R STANDARD
ON 22" X 36" SHEET, 1/4" SCALE
MAY 1984

DWG. NO. 5
REV 8/24/92

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
BY (P.W. CHECKED)	
NO.	
PLAN	
NOTE BOOK	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
BY (P.W. CHECKED)	
NO.	
PROFILE	
NOTE BOOK	
NO.	

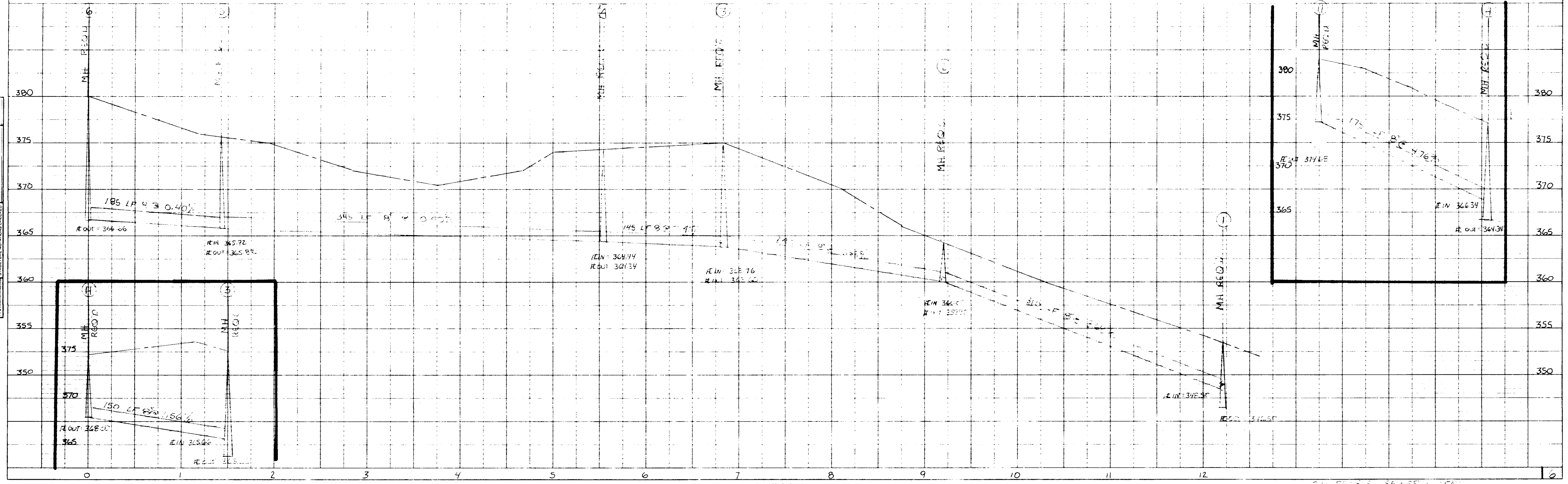
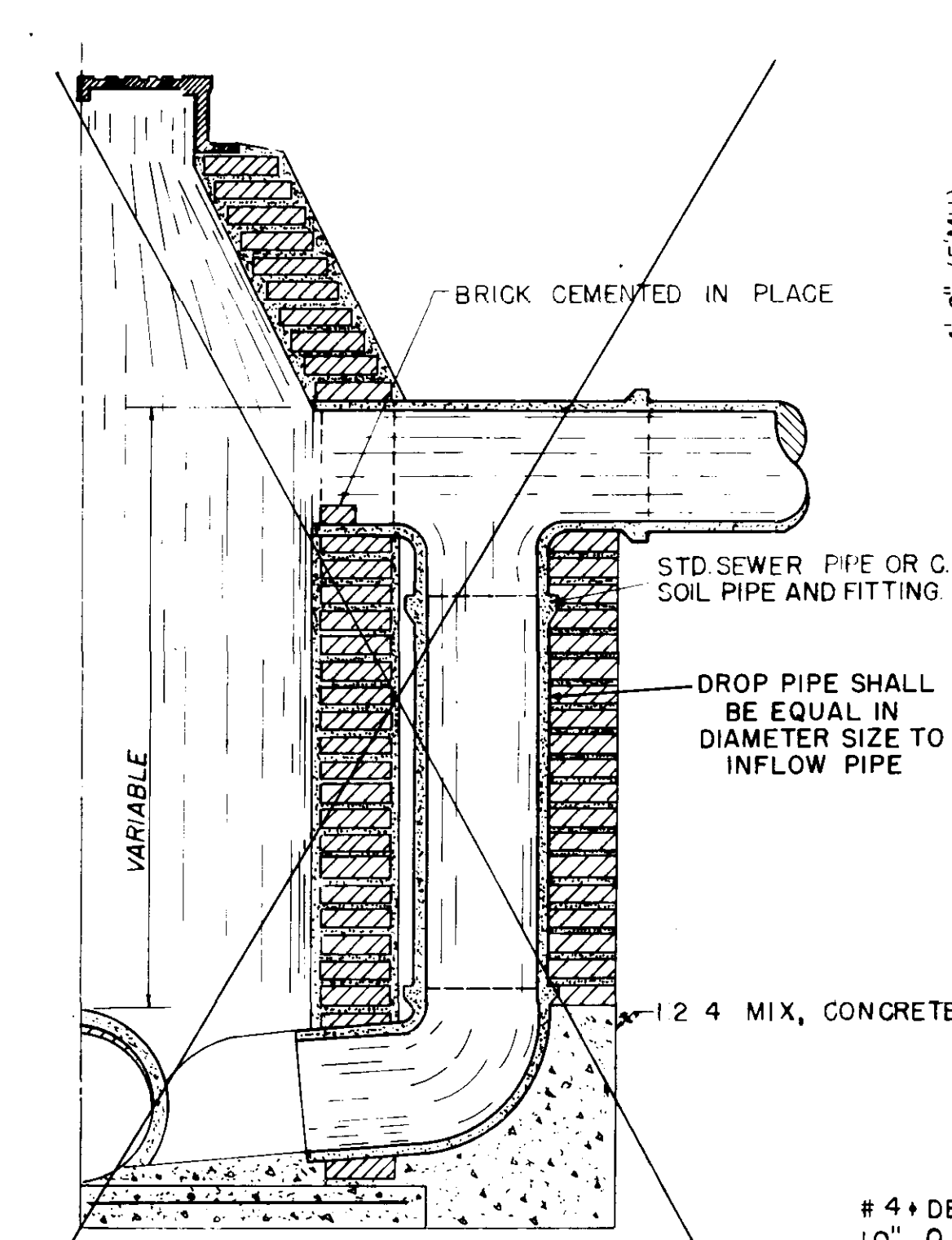
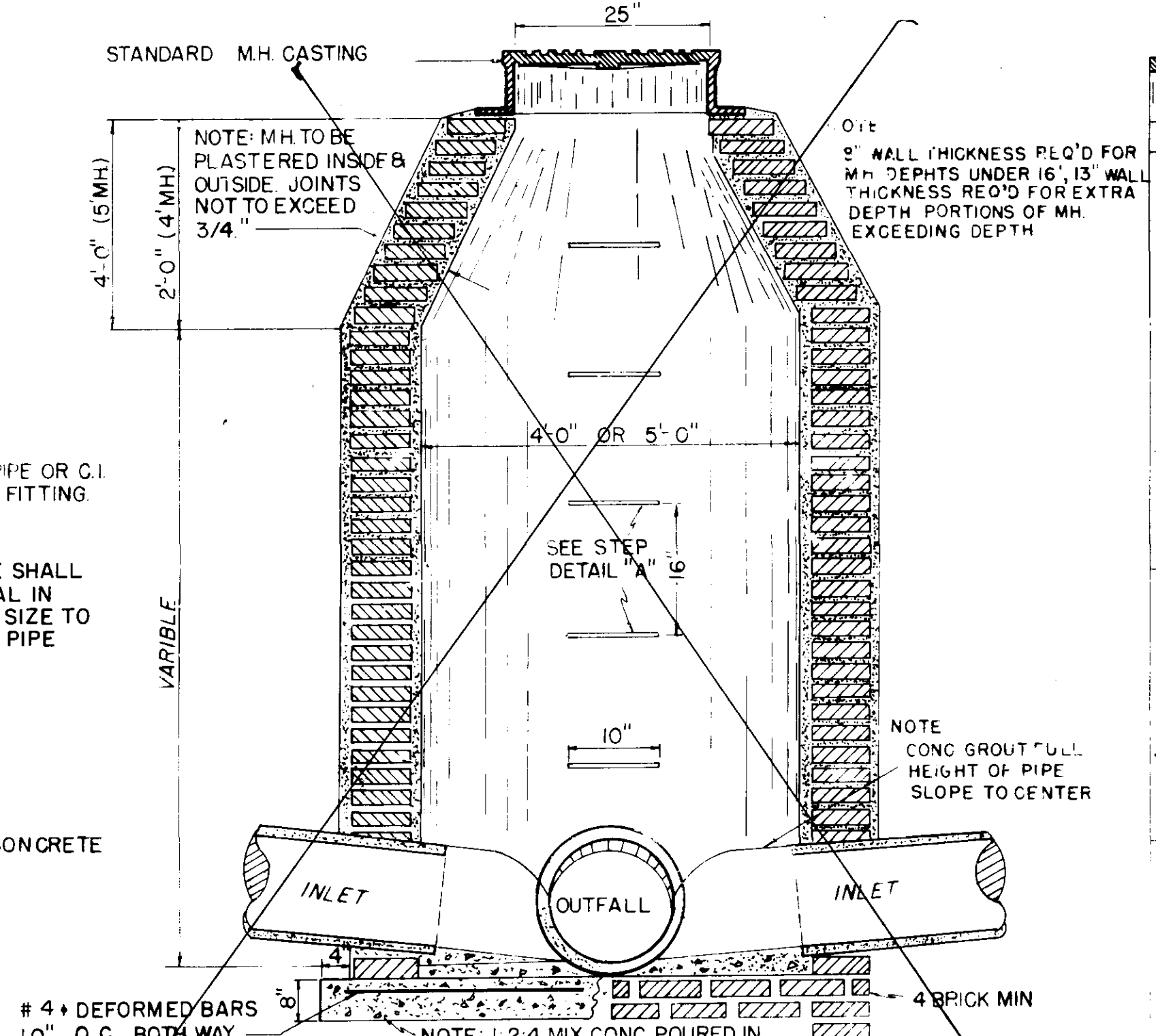


PLATE PLAN PROFILE

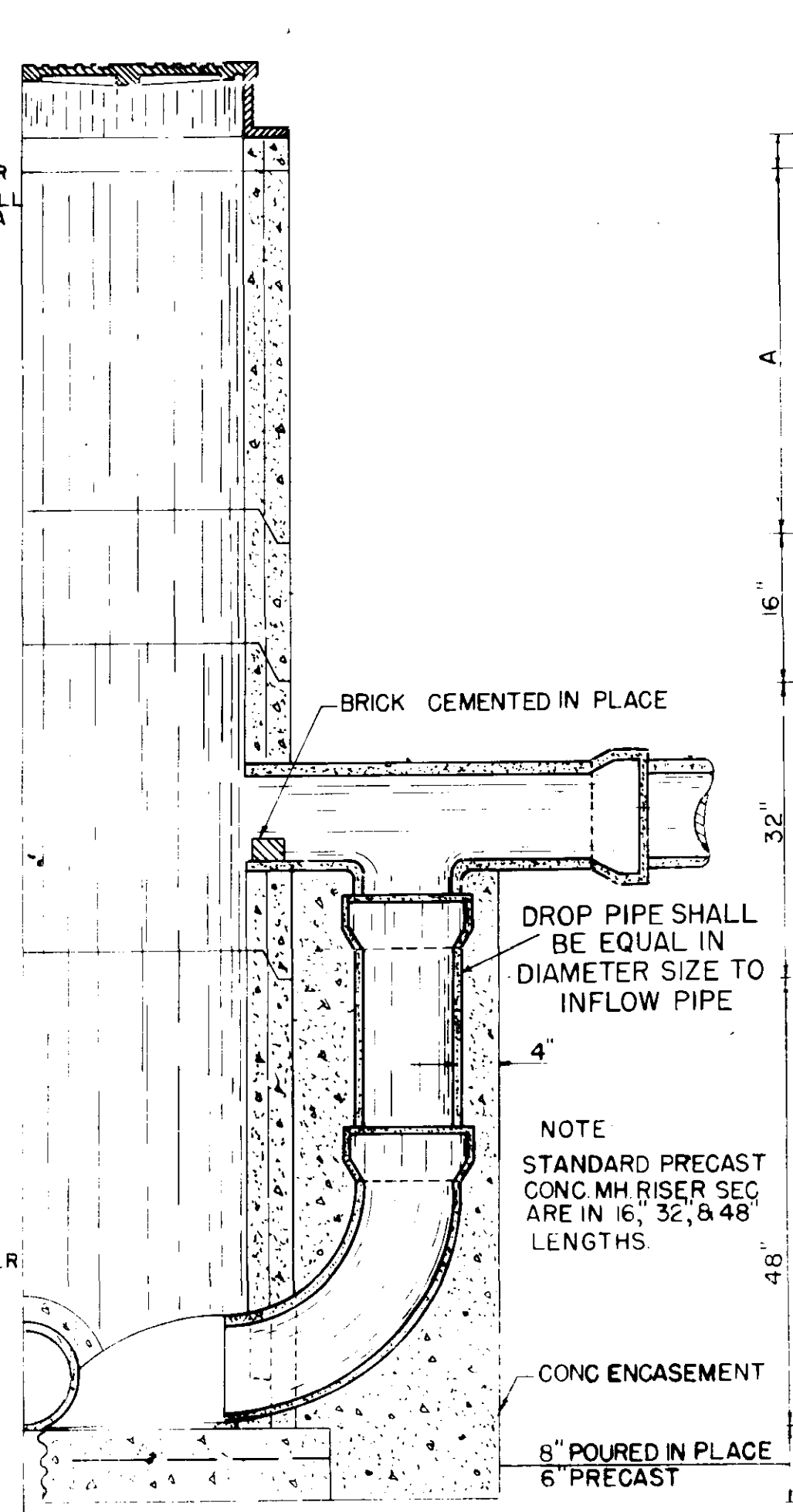
PLAN PROFILE SEWER OFFICE
 CANTERBURY
 REV. 11/14/95



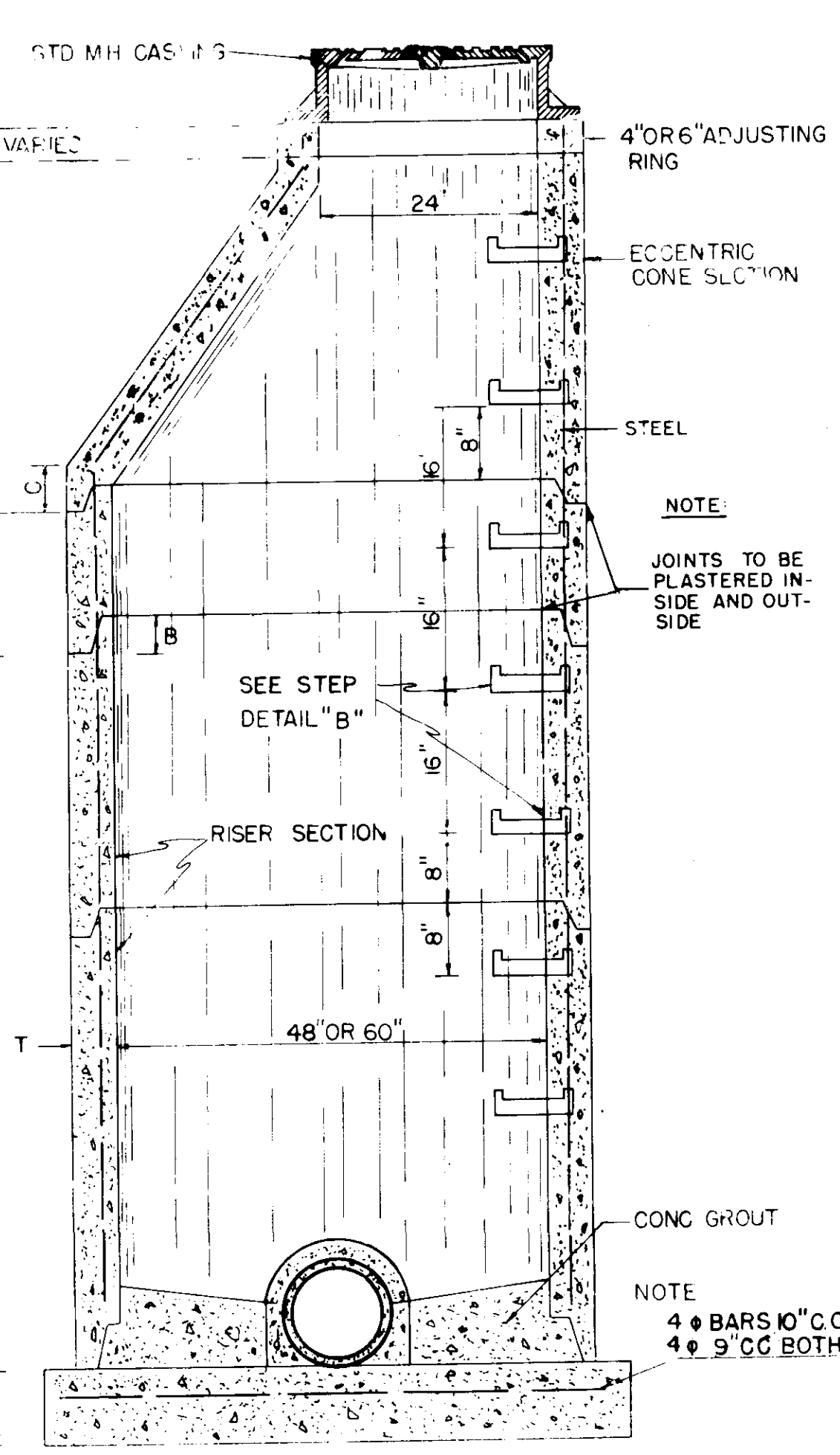
SECTION BRICK MANHOLE WITH DROP CONNECTION



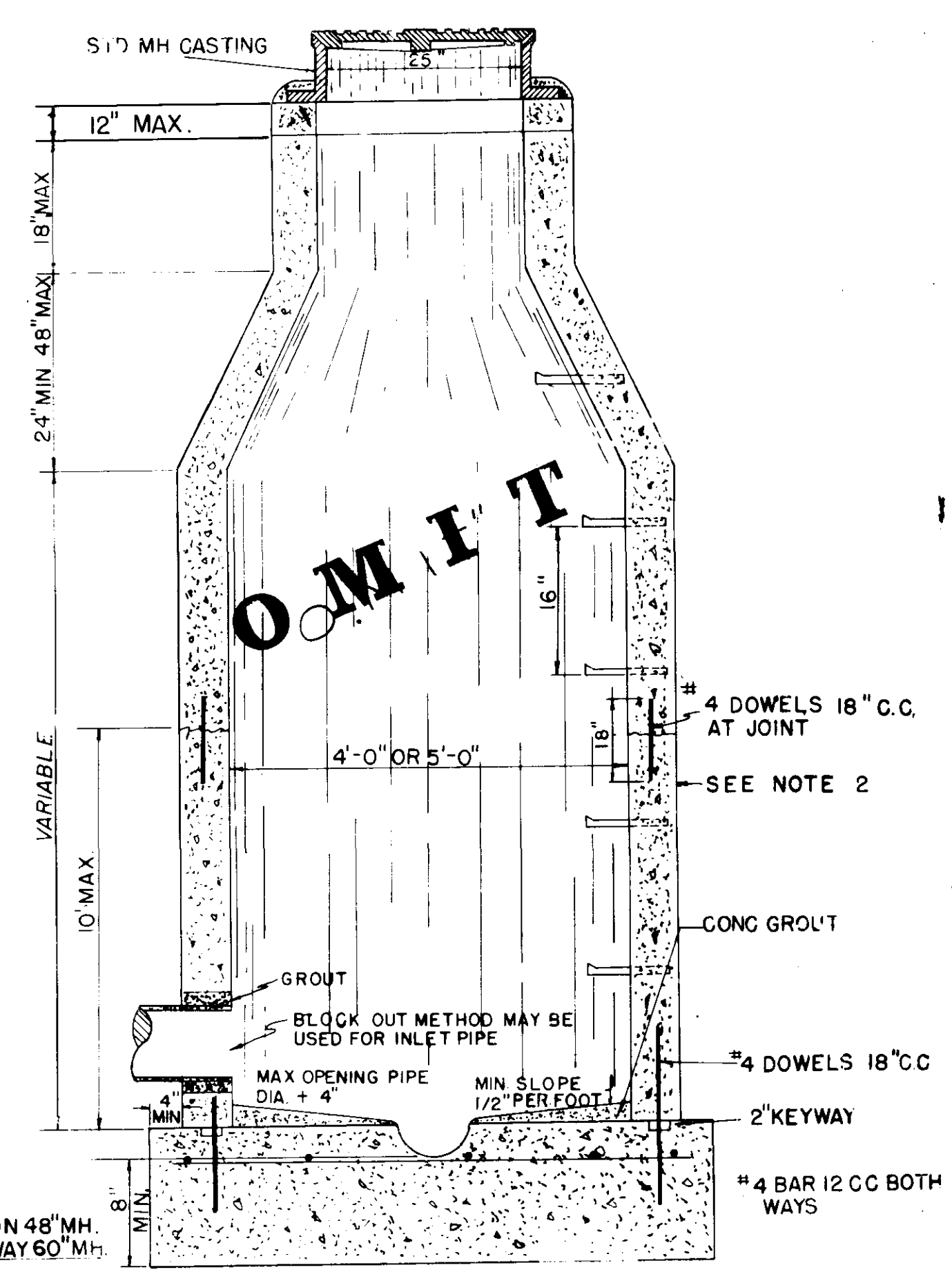
SECTION BRICK MANHOLE



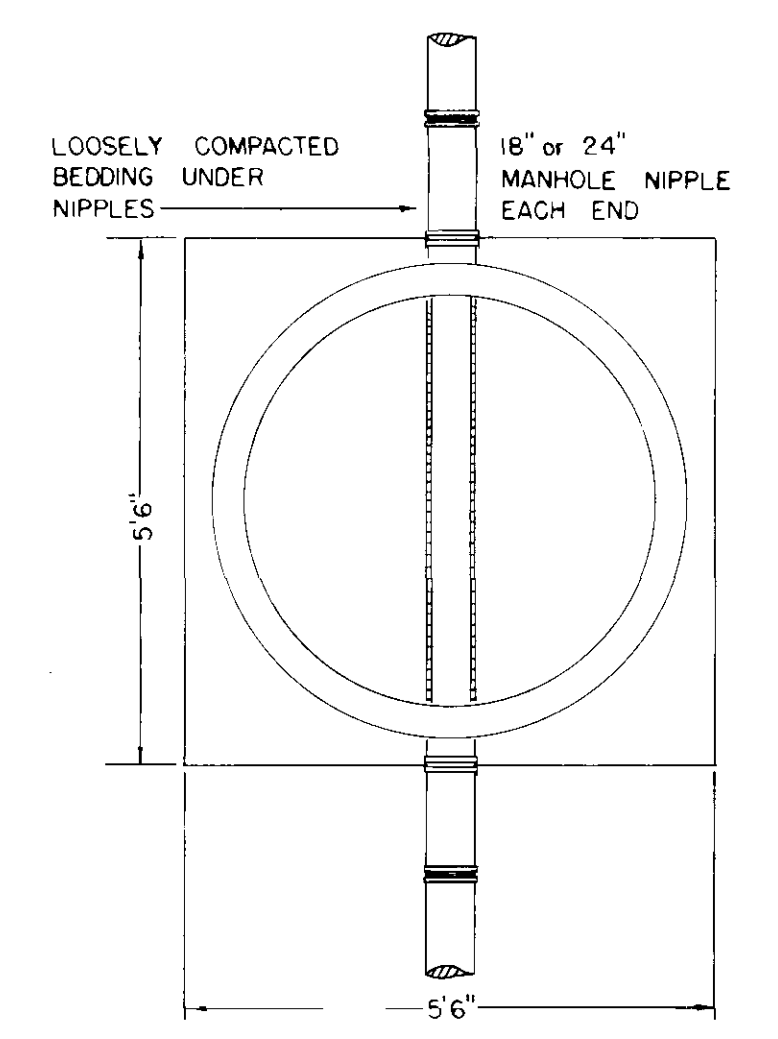
SECTION OF PRECAST CONCRETE MANHOLE WITH DROP CONN.



SECTION OF PRECAST CONCRETE MANHOLE



CAST-IN-PLACE MANHOLE WITH PREPOURED BASE

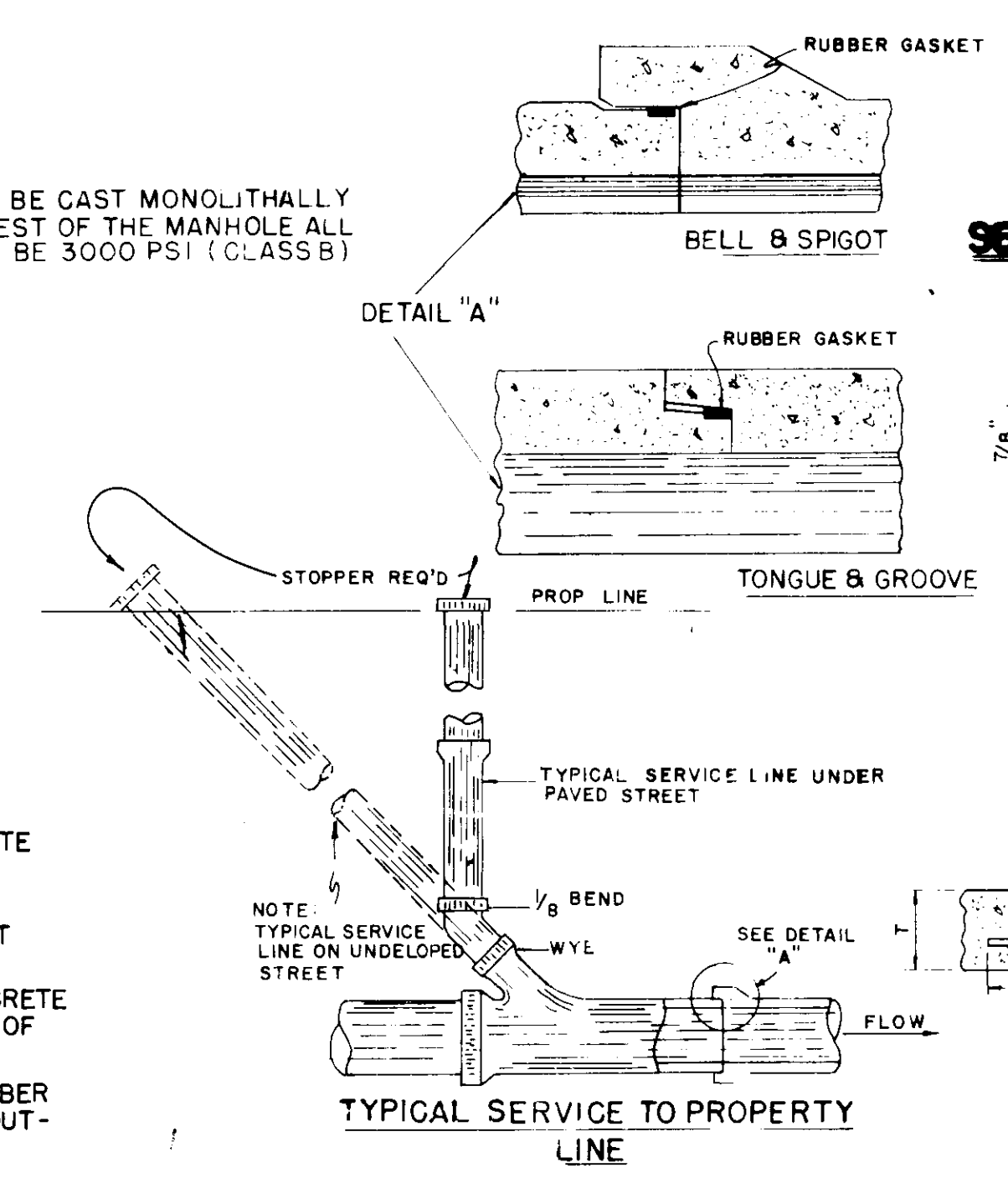


TYPICAL PIPE CONNECTION TO MANHOLE

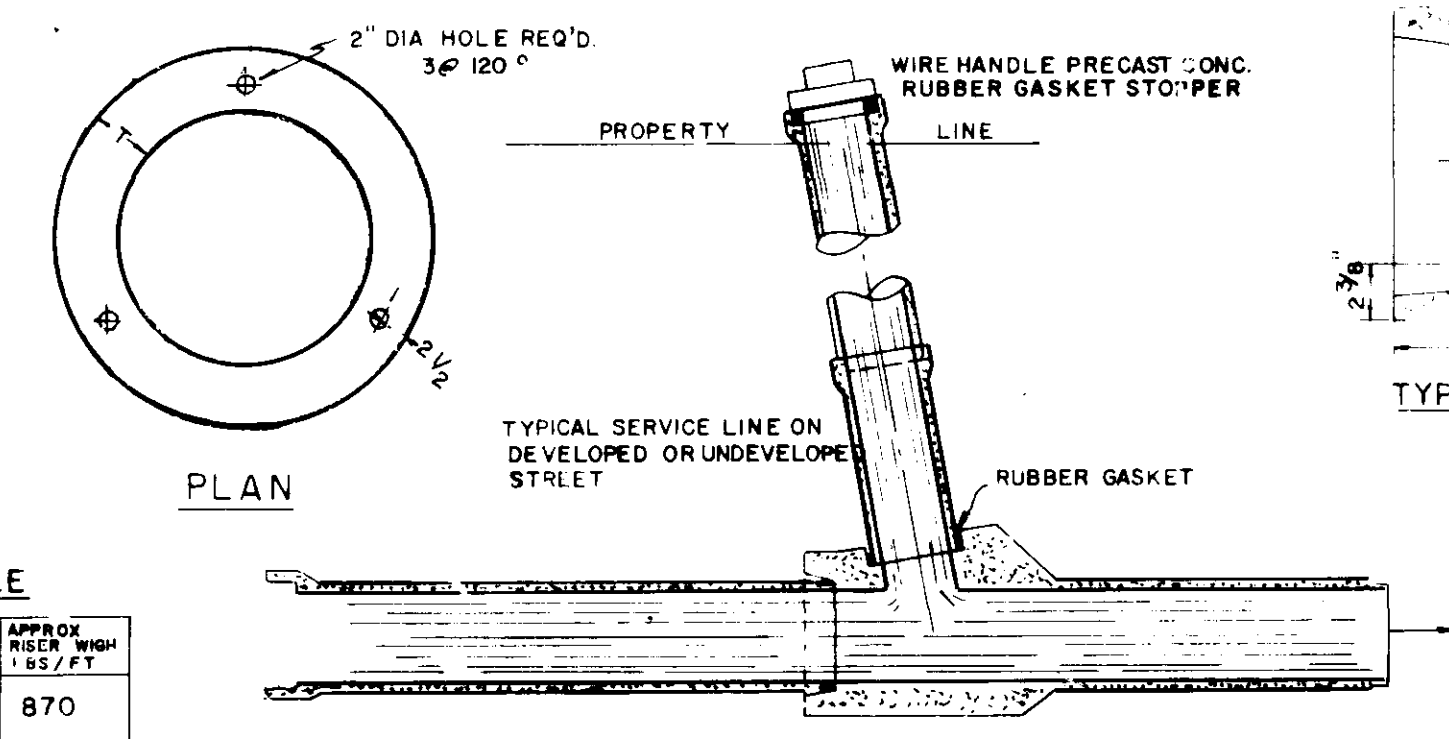
- NOTE:
- DO NOT POUR ADDITIONAL CONCRETE ON OR BEYOND M.H. NIPPLE.
 - USE A MINIMUM OF 1 NIPPLE AT EACH ENTRANCE TO M.H.
 - PIPE OPENING IN PRE-CAST CONCRETE UNITS SHALL BE EQUAL TO O.D. OF PIPE PLUS 6" MAXIMUM.
 - DO NOT USE BRICK, BLOCK OR TIMBER TO SUPPORT PIPE OR NIPPLES OUTSIDE OF MANHOLE.

SECTION OF PRECAST CONCRETE MANHOLE

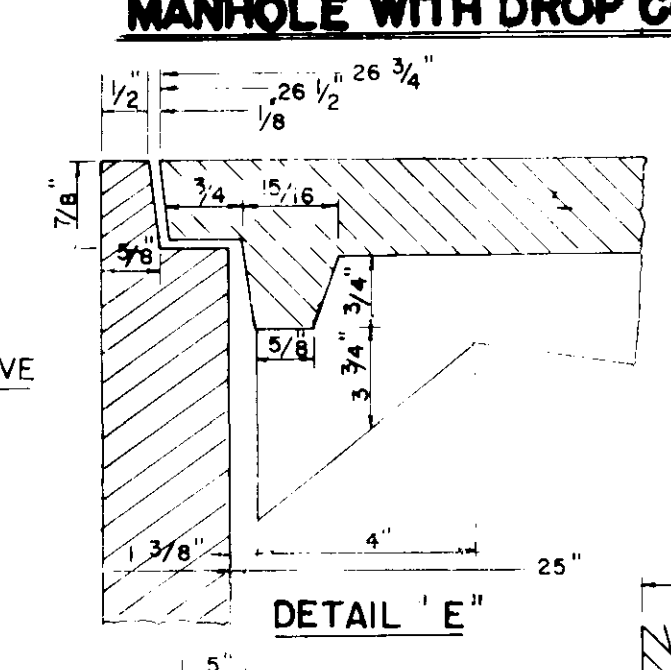
DIA.	A	B	C	T	APPROX. CONC. WEIGHT LBS.	APPROX. RISER WGT LBS./FT.
48"	38"	3 1/2"	5"	5"	2075	870
60"	36"	5"	9"	6"	3455	1250



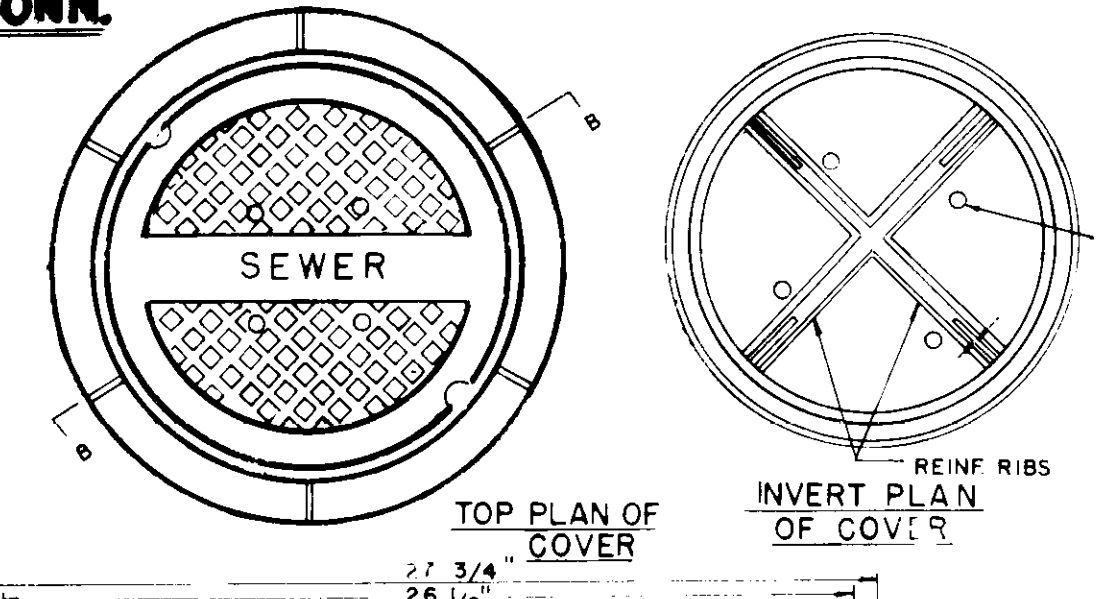
TYPICAL SERVICE TO PROPERTY LINE



TYPICAL SERVICE TO PROPERTY LINE WITH MODIFIED TEE JOINT



SLAB LIFT DETAIL
2 REQ'D. LIFT WILL BE INSTALLED WHEN REQ'D BY THE PROJECT SPECS.

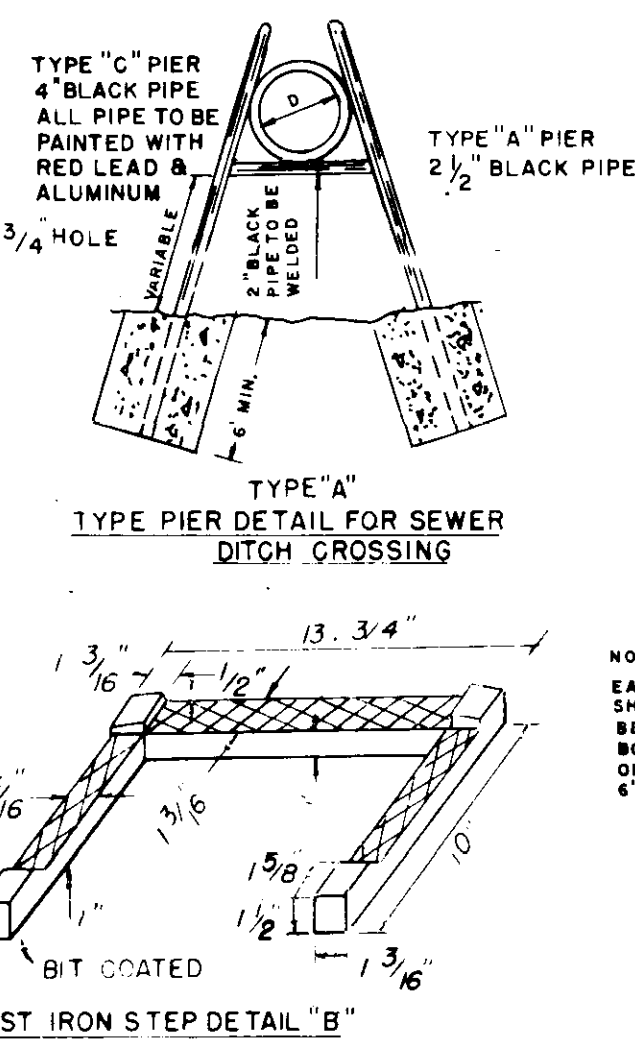


STD. M.H. CASTING

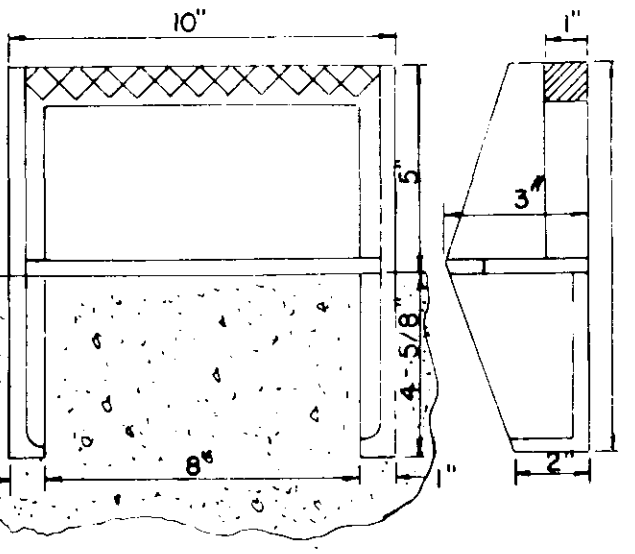
DIMENSION AND WEIGHT TABLE

PIPE DIA.	W	D	T	EST. WT.
48"	5"	58"	6"	1,145 LBS
54"	5 1/2"	65"	8"	1,990 LBS
60"	6"	72"	8"	2,515
65"	6 1/2"	79"	8"	3,090
72"	7"	86"	8"	3,720
84"	8"	100"	8"	5,140
96"	9"	114"	8"	6,775
108"	9"	126"	8"	8,345

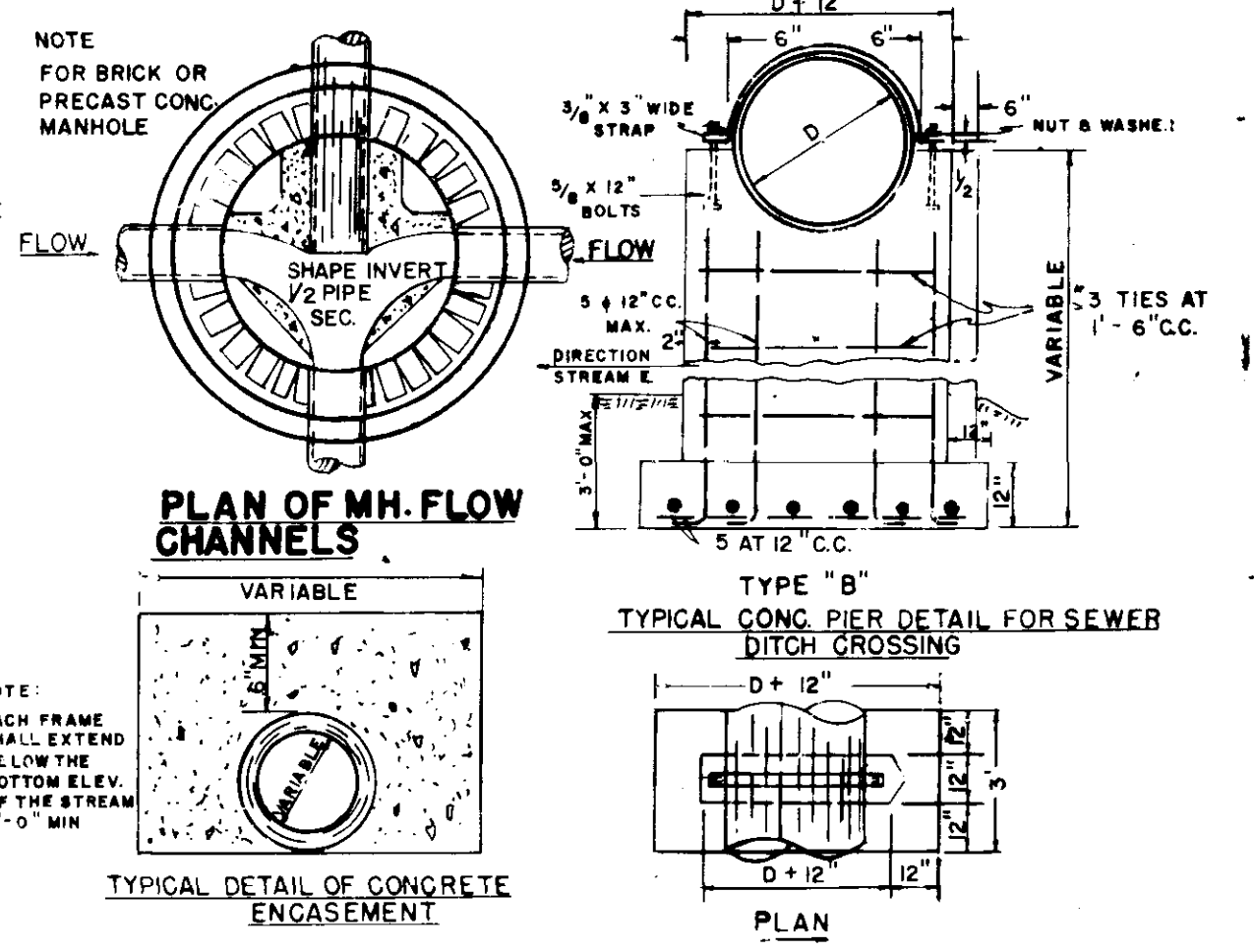
FLAT SLAB MANHOLE TOP



CAST IRON STEP DETAIL 'B'



STEP DETAIL 'A'



GENERAL NOTES

- WHERE SOIL AT THE ELEVATION OF THE BASE OF A MANHOLE IS UNSUITABLE THE THICKNESS AND/OR BASE WILL BE INCREASED AS DIRECTED BY THE ENGINEER.
- PIPE JOINTS FORMED BY JUTE AND HOT POURED BITUMINOUS COMPOUND ARE NOT PERMISSIBLE.
- JOINTS FORMED BY RUBBER GASKET PLUS REFINED PLASTIC CEMENT COMPOUND WILL BE REQUIRED.

APPROVED 5-1-68

CITY ENGINEER

DATE NOV 5 1968

REVISIONS BY M.C.

APPD

SANITARY SEWER MANHOLE & APPURTENANCE FOR 6" TO 42" SEWER

STD. NO. 1-138-A (S)

