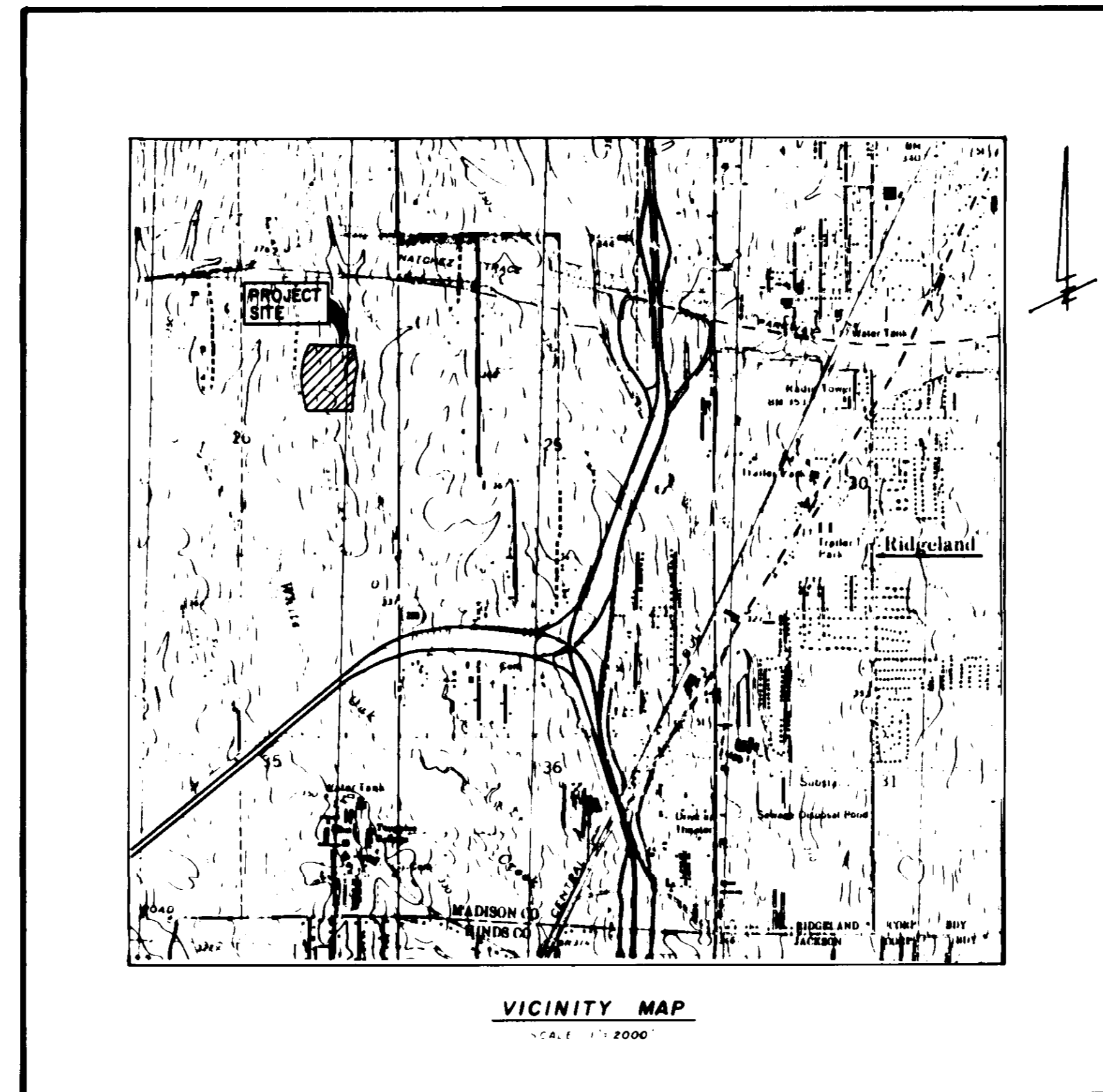


CONSTRUCTION PLANS
SAWBRIDGE III OF DINSMOR

SITUATED IN E1/2 OF SECTION 26, AND SE1/4 OF SECTION 23, T7N R1E,
 MADISON COUNTY, MISSISSIPPI.



INDEX OF DRAWINGS

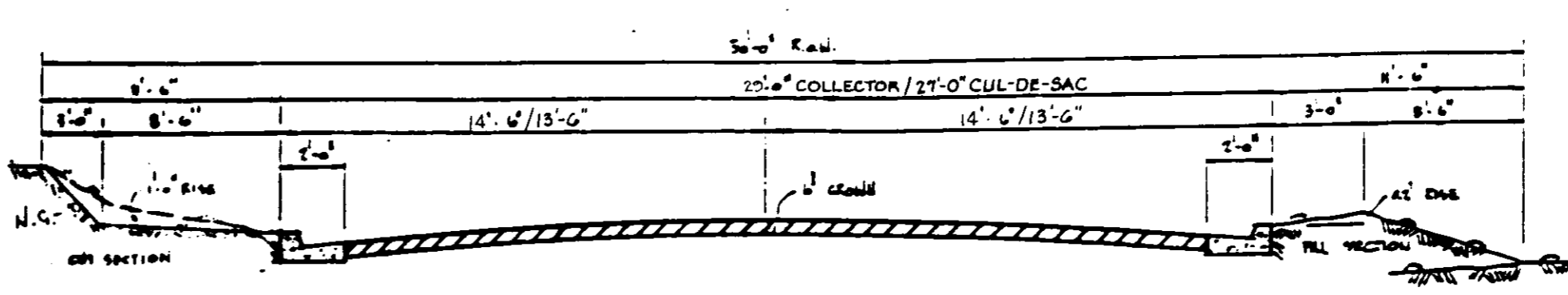
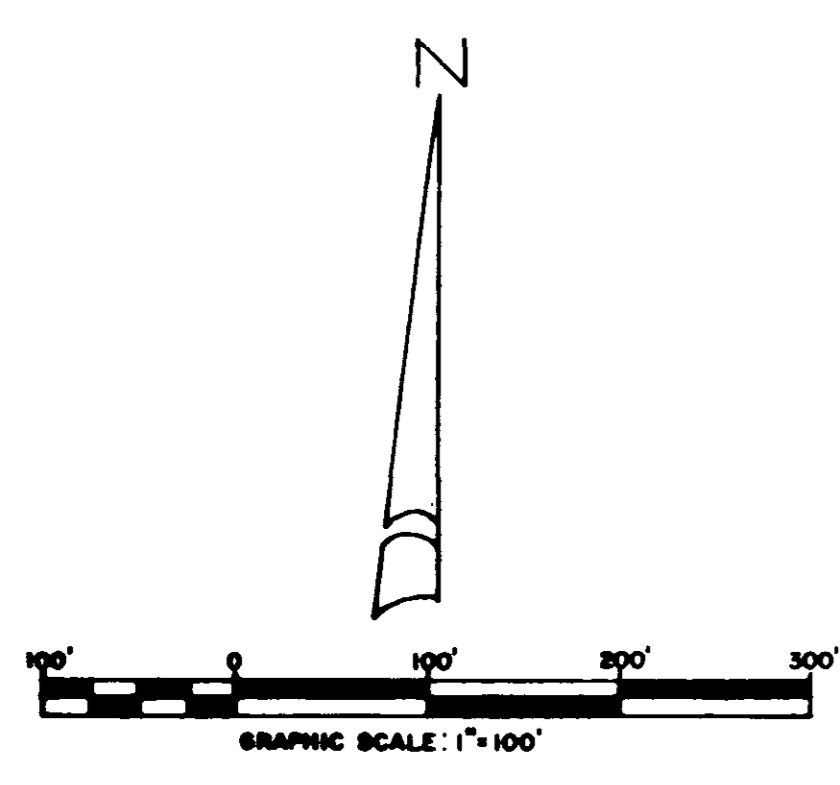
SHT. NO.	DESCRIPTION
1.	COVER SHEET
2.	UTILITY PLAN
3.	DRAINAGE PLAN
4.	LOT LAYOUT
5.	PLAN - PROFILE - SAWBRIDGE DRIVE
6.	PLAN - PROFILE - MORNINGSIDE
7-8.	PLAN - PROFILE - DINSMOR CROSSING
9.	STANDARD SEWER DETAILS
10.	STANDARD WATER DETAILS
11.	PRELIMINARY PLAT

DEVELOPED BY : SMCDC INC. GENERAL PARTNER
 5, LAKELAND CIRCLE
 JACKSON, MISSISSIPPI 39216.

DESIGNED BY : CENTRAL MISSISSIPPI ENGINEERING, INC.
 5, LAKELAND CIRCLE
 JACKSON, MISSISSIPPI 39216
 JULY, 1989

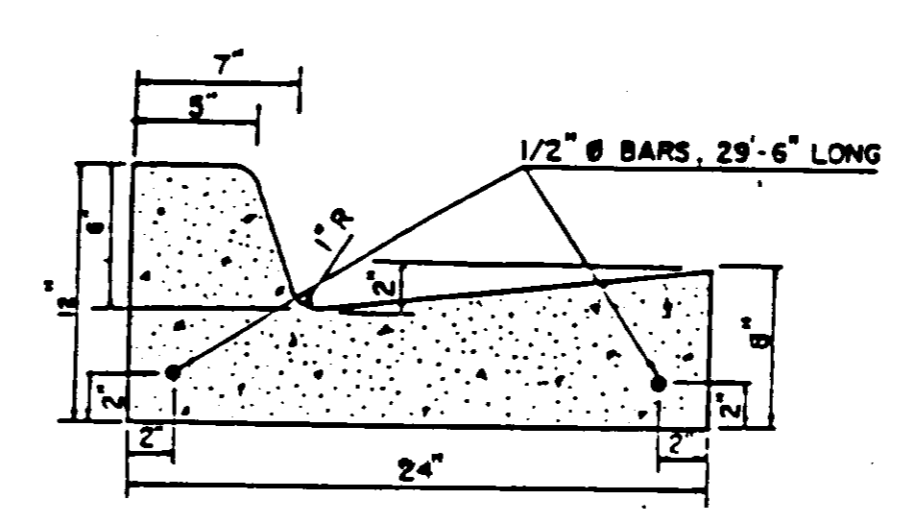
DRAWING PERMITTED
AS BUILT
 DATE _____
 CHECKED _____

PWP00406

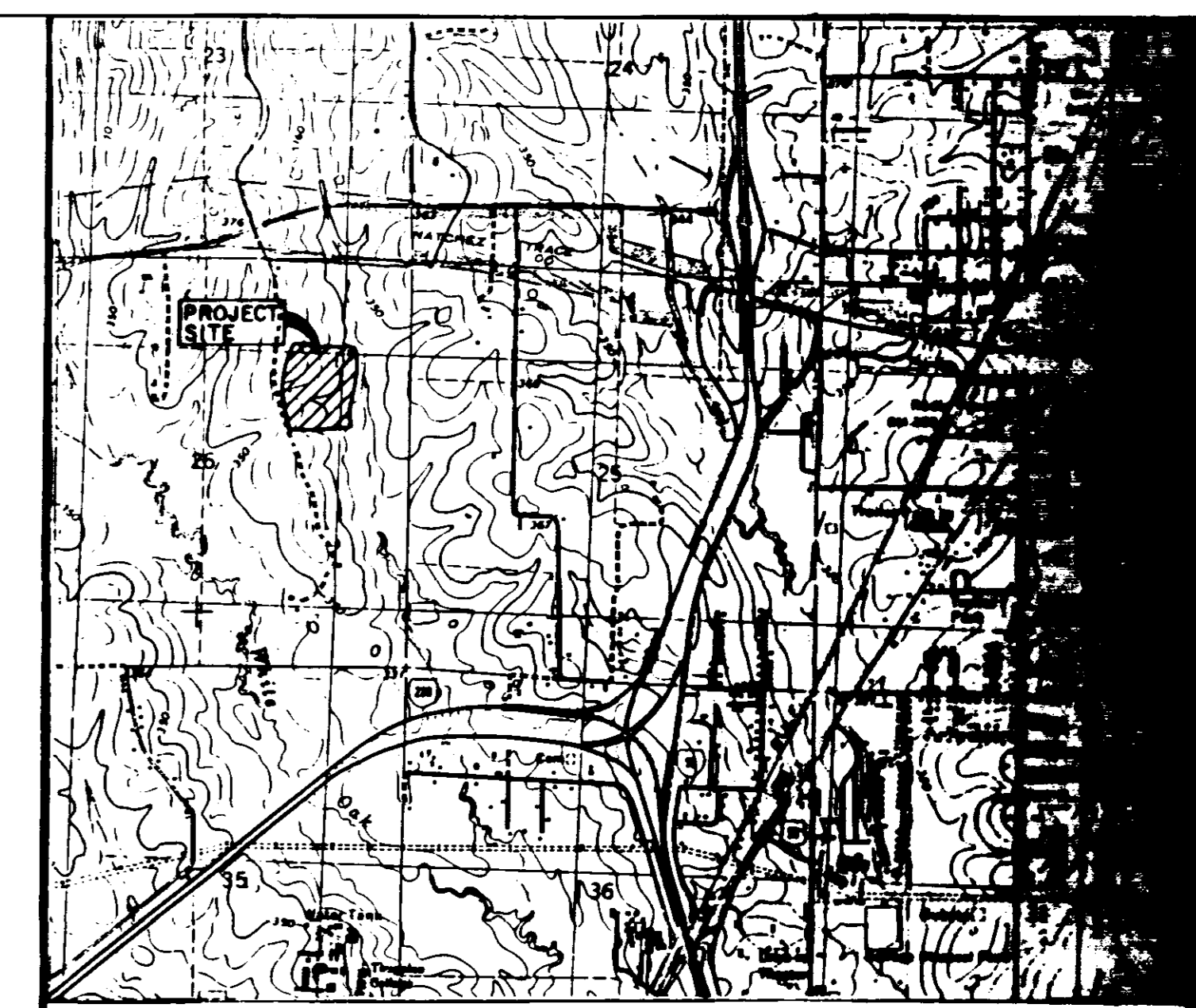


TYPICAL STREET SECTION
1/4\"/>

PAVING DESIGN: (MINIMUM)
6\"/>

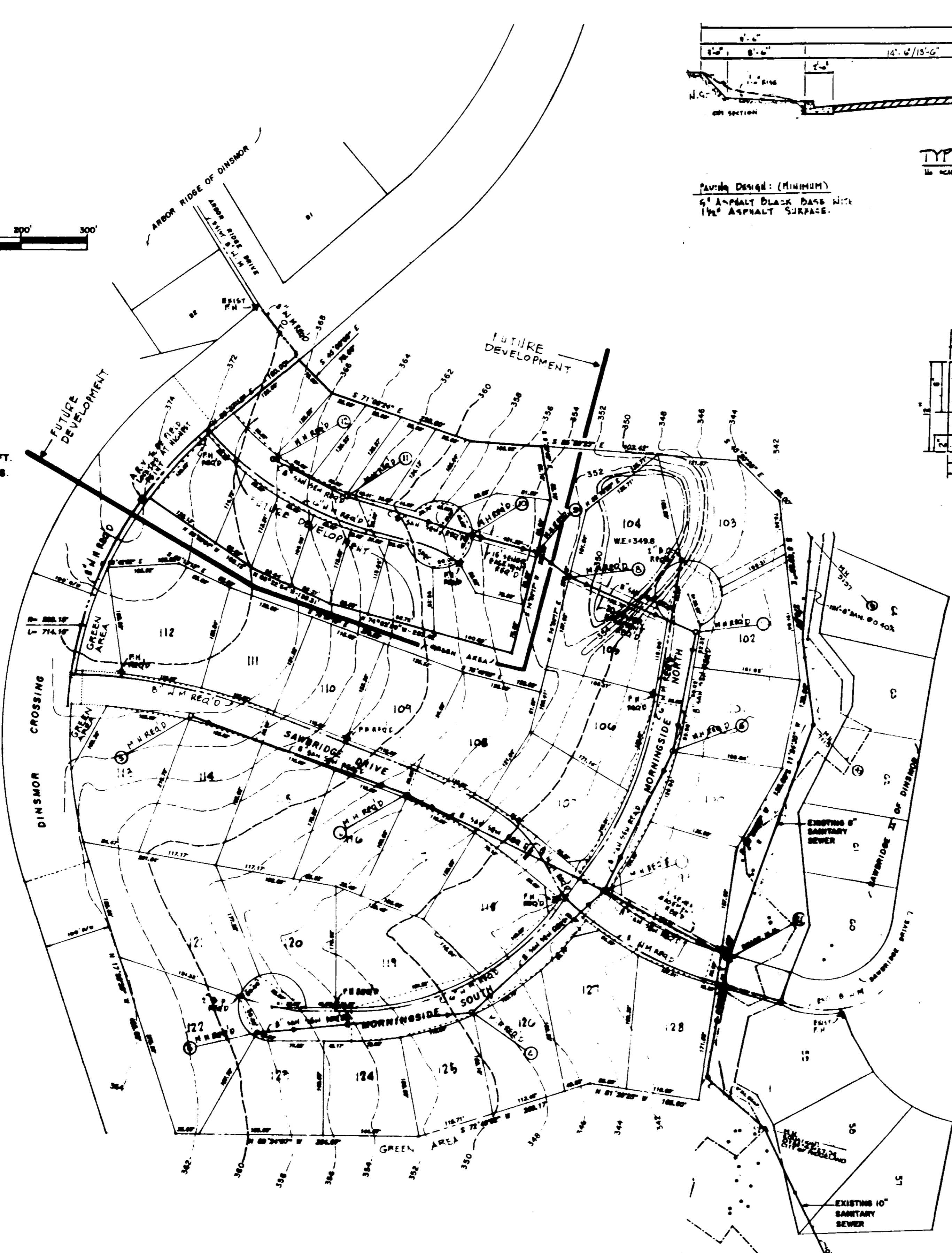


TYPICAL CURB DETAIL
N.T.S.



VICINITY MAP
SCALE: 1\"/>

NOTE: CONTOUR INTERVAL SHOWN IS 2 FT.
TOPOGRAPHIC SURVEY BY OTHERS.

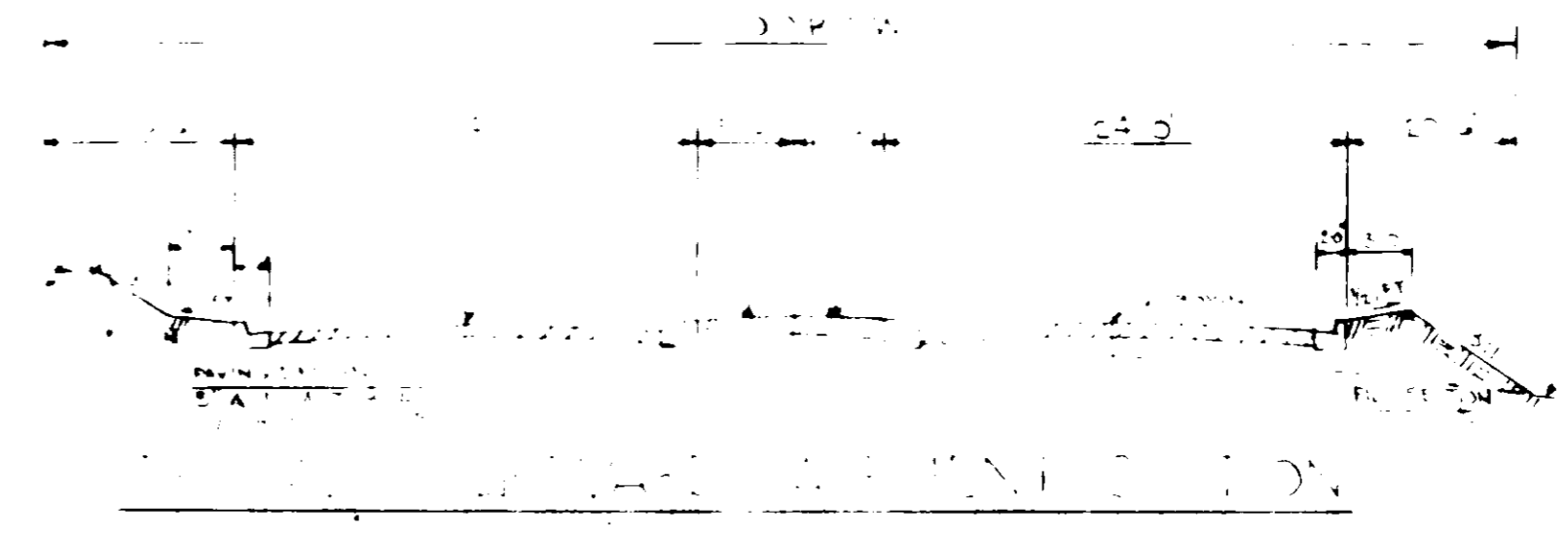


GENERAL NOTES:

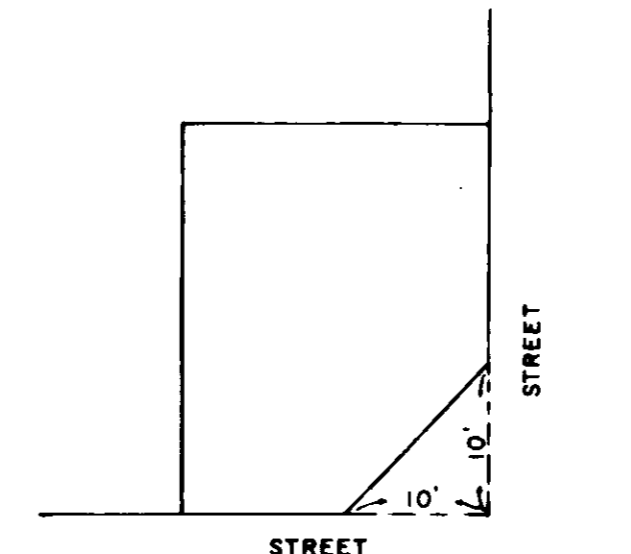
1. CONSTRUCTION OF STREET SHALL BE IN ACCORDANCE WITH CITY OF RIDGELAND REGULATIONS AND CONSTRUCTION OF SAN SEWER AND WATER MAINS SHALL BE IN ACCORDANCE WITH CITY OF RIDGELAND REGULATIONS.
2. LOT SETBACK SHALL BE AS FOLLOWS:
30' - FRONT
10' - SIDE
25' - REAR
3. THIS PROPERTY IS SITUATED IN ZONE "C", NOT A FLOOD HAZARD AREA, ACCORDING TO MAP NO. 280228-0228-B DATED JAN. 2, 1980.

SEWER SPECIFICATIONS

1. All sewer main and services shall be Extra Strength Vitrified Clay Pipe (ASTM C-700), or PVC sewer pipe (ASTM D-3035) SBR 26.
2. Manholes to be precast concrete conforming to ASTM C-400. All manholes shall be waterproofed and shall have watertight flexible connections at inlets and outlets.
3. Manhole castings to be Harper No. 1, MSPE Standard, approved equal.
4. Sewer mains to be tested by air per ASTM C-828, results to be furnished to the ENGINEER and the UTILITY. PVC sewer pipe shall have a maximum of 5.0% deflection as determined by the pull-in a 5x mandrel after the pipe has been backfilled for at least 7 days.
5. All sewer services to be marked at the property line with a 2" diameter creosote post or other acceptable marker.
6. Bedding for sewer pipe shall be Class "C" in accordance with ASTM C-12 for rigid pipe and Class III in accordance with ASTM D-2321 for flexible pipe.
7. Manholes shall be waterproofed with an application of KOPPER'S 300 M Coal Tar Epoxy or approved equal, inside outside.
8. All sewer 24 inches or less will be laid with strict alignment between manholes and will be checked by either laser leveling methods.
9. All backfill will be of suitable material, hand tamped (1) foot of the top of the pipe, and otherwise placed in such a manner as not to disturb the alignment of the pipe.
10. Sewer and water mains will have a minimum separation ten (10) feet horizontally and 18 inches vertically with relation to each other.
11. Leakage tests shall include appropriate water or pressure air testing. The leakage outward or inward (exfiltration or infiltration) shall not exceed 200 gallons per inch of pipe diameter per mile per day (0.18 m³/cm of dia./km/day) for any section of the system. An exfiltration/infiltration test shall be performed with a minimum depth of 2 feet (0.61 m). The air test, if used, shall conform to the test procedure described in ASTM C-828, entitled "Tentative Recommended Practice for Low-Pressure Test of Vitrified Clay Pipe Lines". The testing selected should take into consideration the range in ground elevations projected and the situation during the test.



TYPICAL CORNER LOT
N.T.S.



TYPICAL LOT SETBACK
N.T.S.

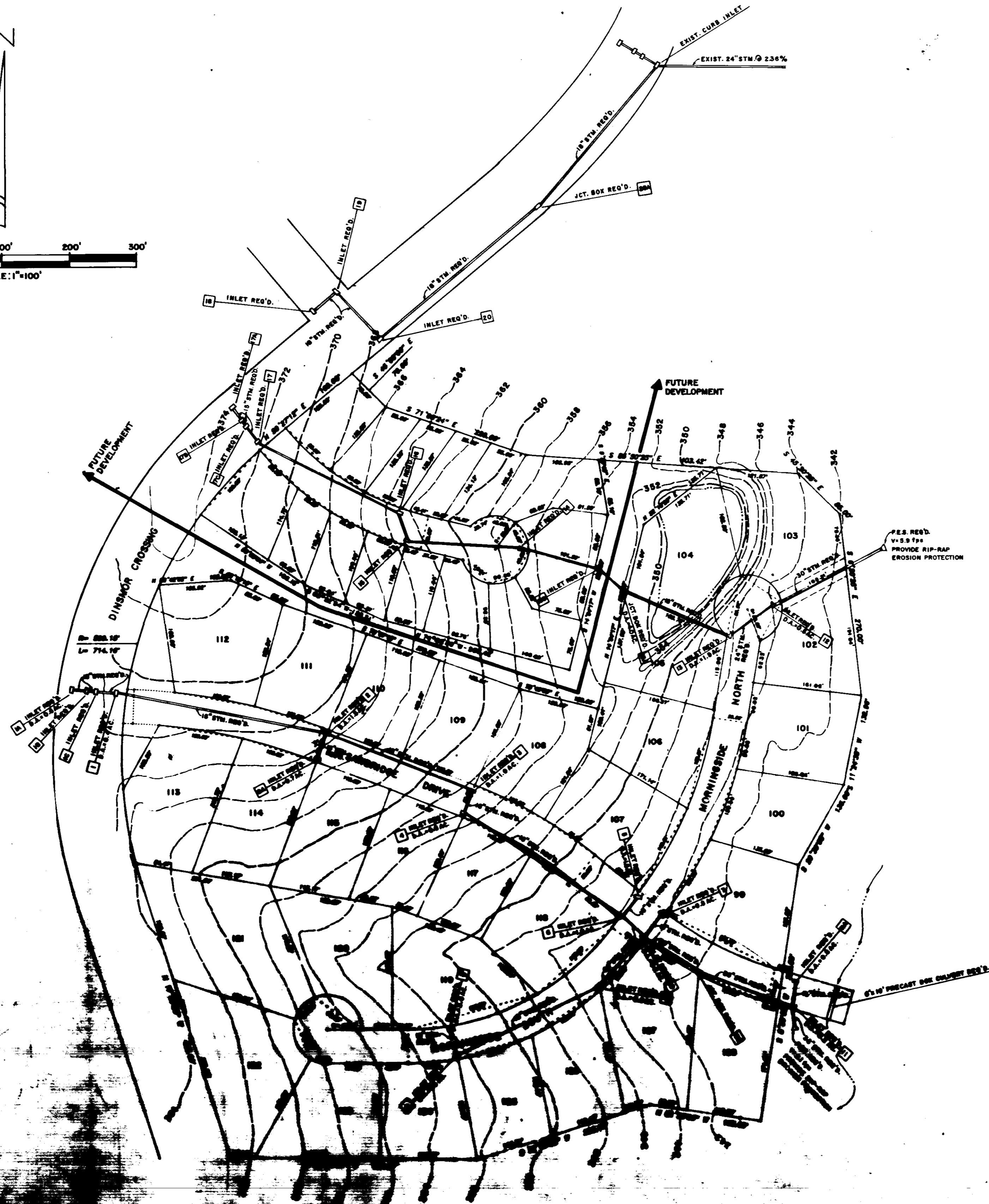
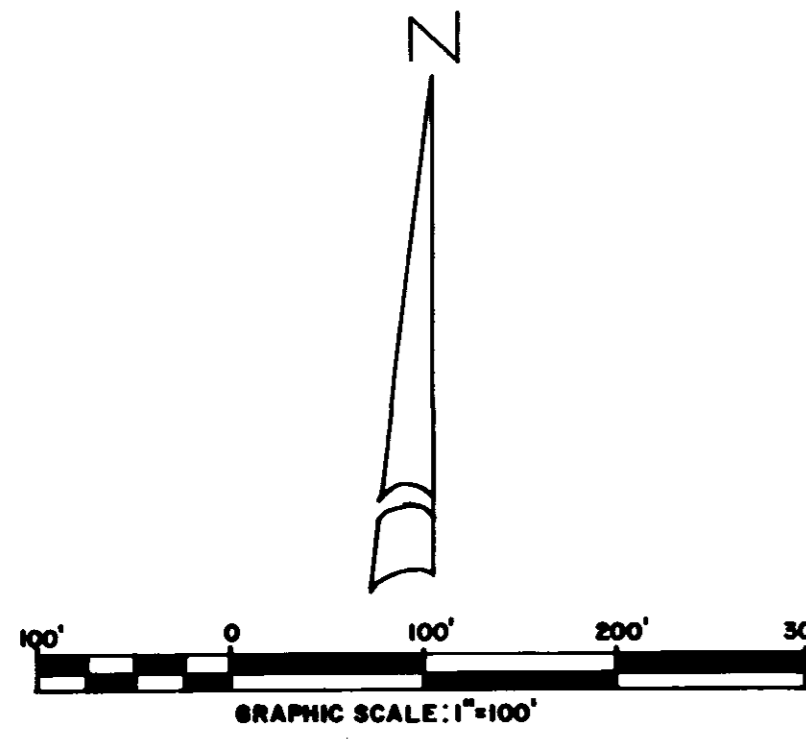
UTILITY
SITE PLAN
SAWBIDGE III OF DINSMOR
SITUATED IN THE NE 1/4 OF SECTION 26, 7TH-RIE,
MADISON COUNTY, MISSISSIPPI

DEVELOPED BY: SMDC, INC. GENERAL PARTNER
5 LAKELAND CIRCLE JACKSON, MS

REV. 7-12-89
JUNE 30, 1989

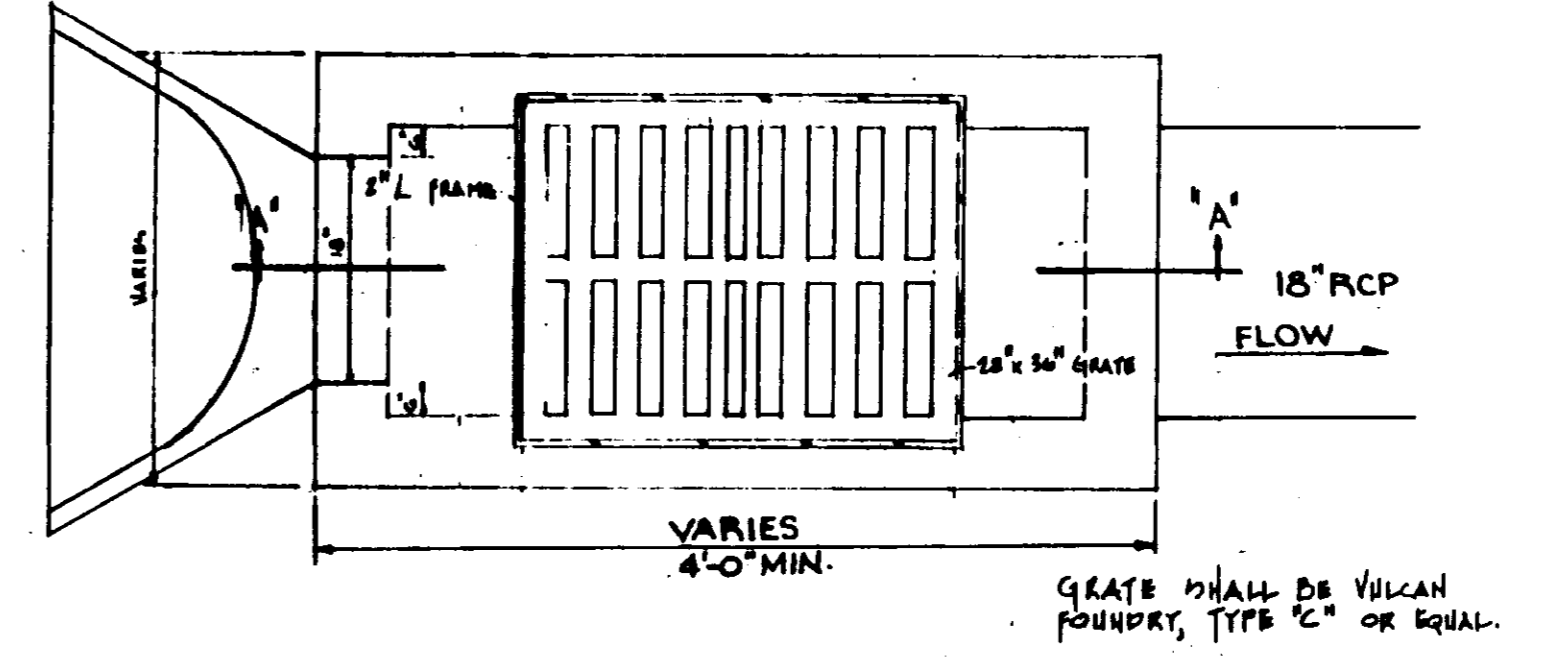
CENTRAL MISSISSIPPI ENGINEERING

P.O. BOX 4506 JACKSON, MS 39206-4506

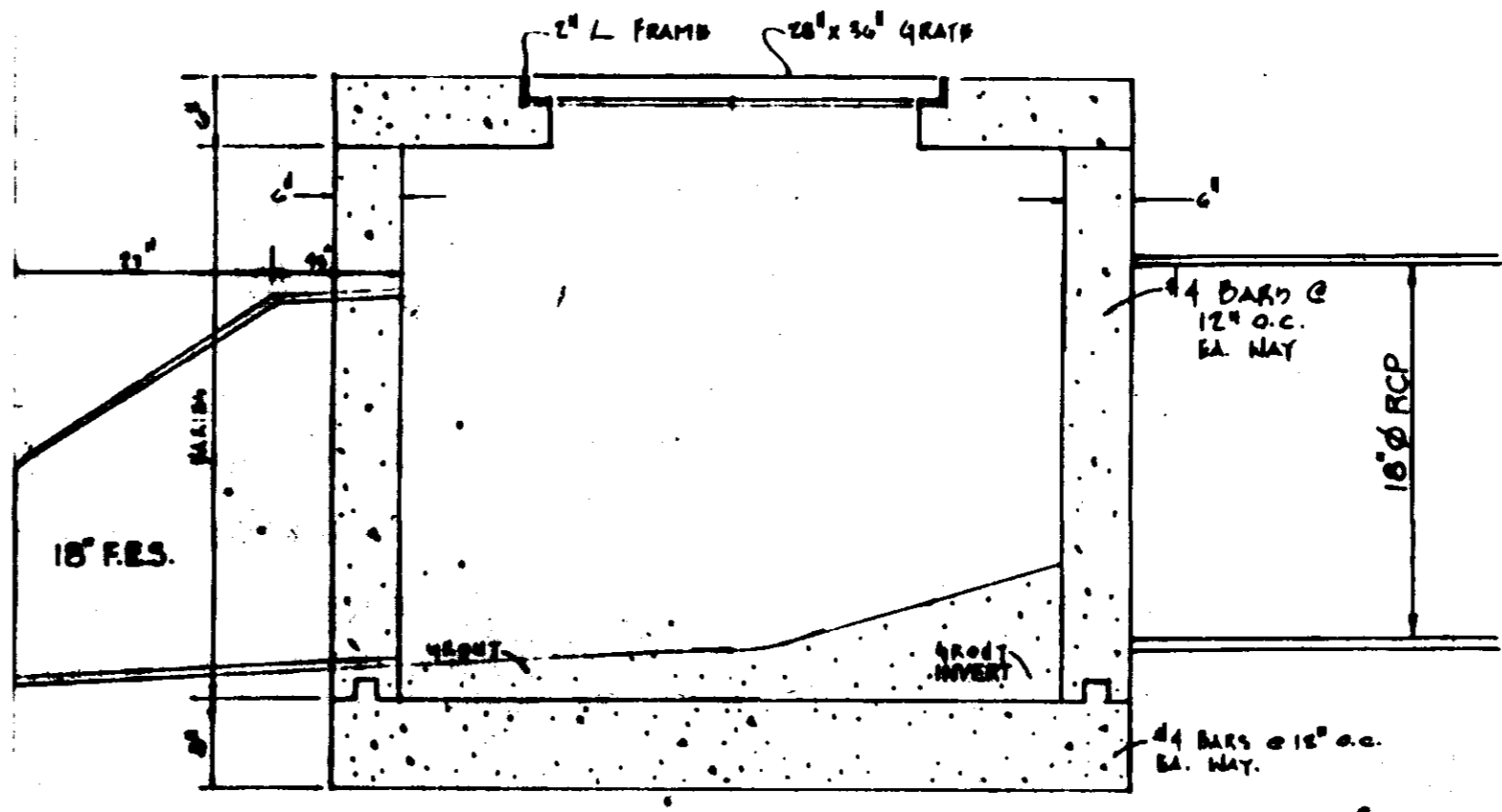


JUNCTION BOX DETAIL

N.T.S.

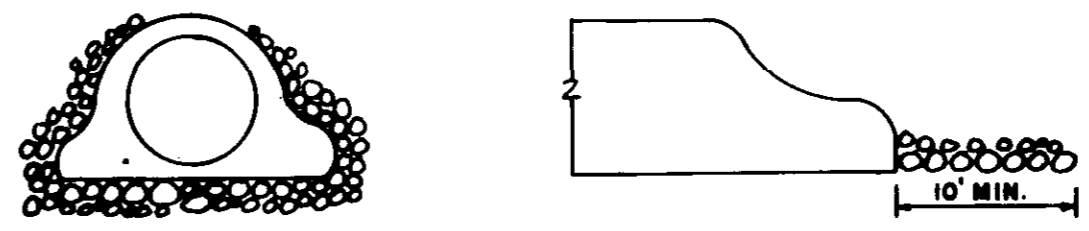


PLAN



SECTION 'A-A'

NOTE: JUNCTION BOX 10-B, AND 20-A TO HAVE SOLID, REMOVABLE LID INSTEAD OF GRATE.

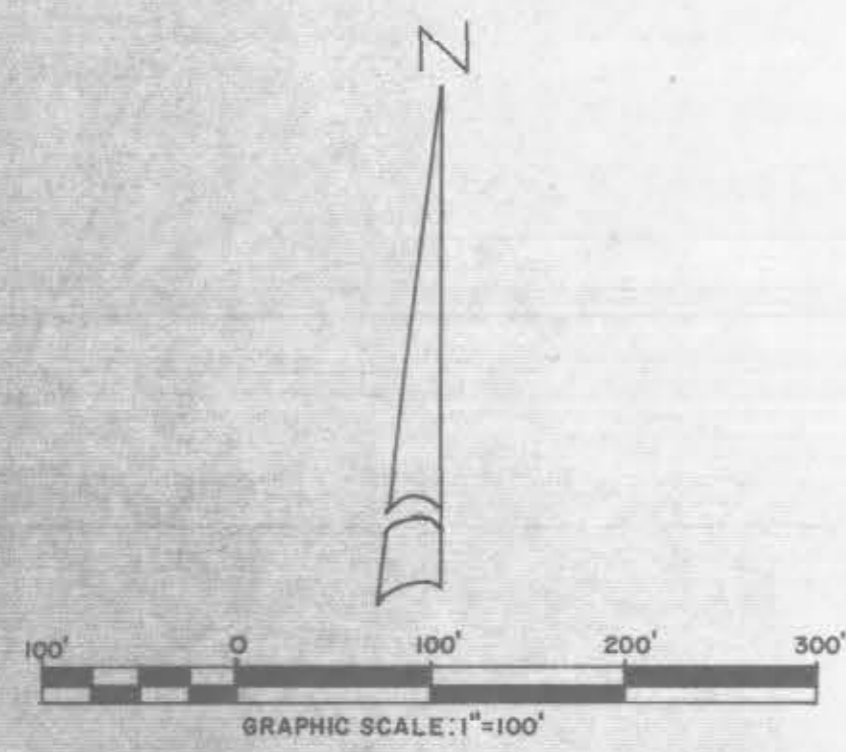


DETAIL: RIP-RAP EROSION PROTECTION

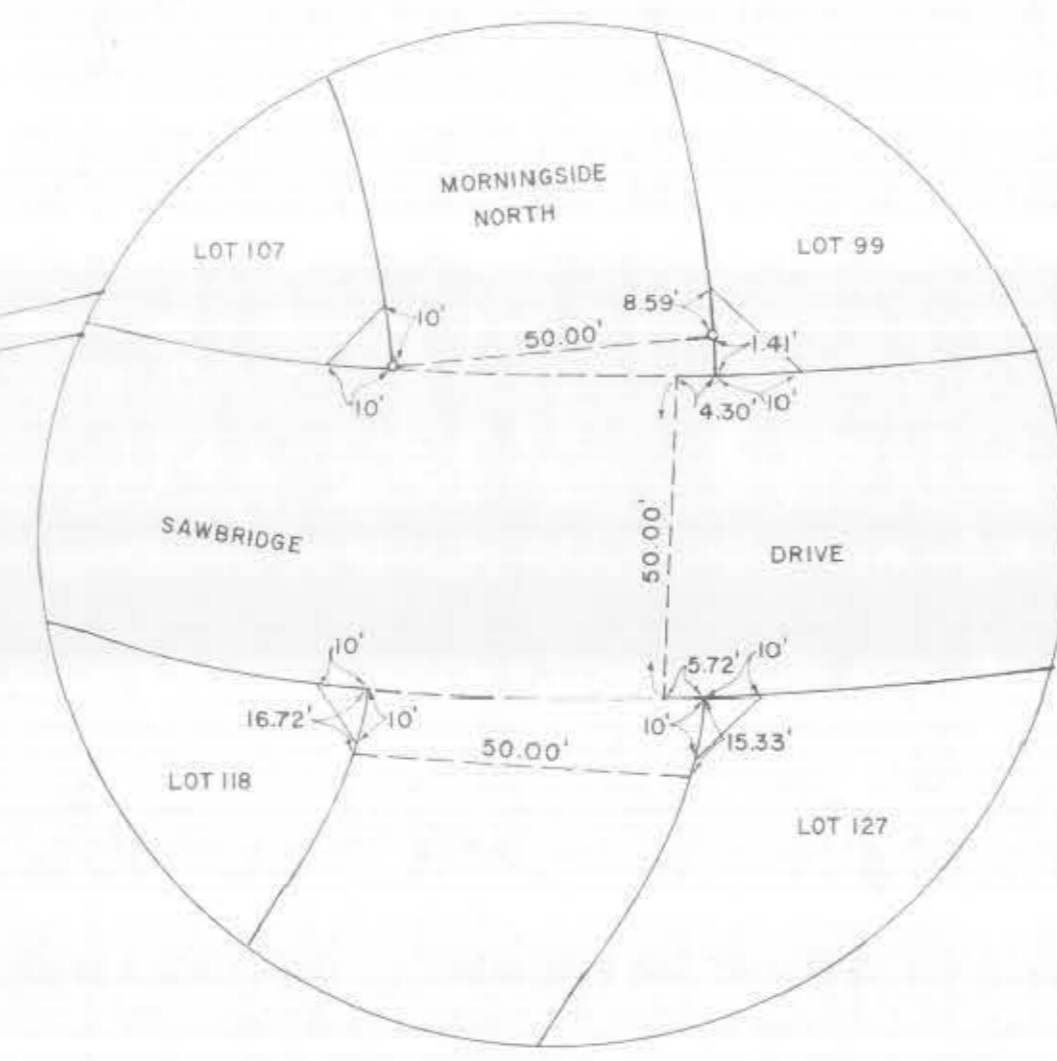
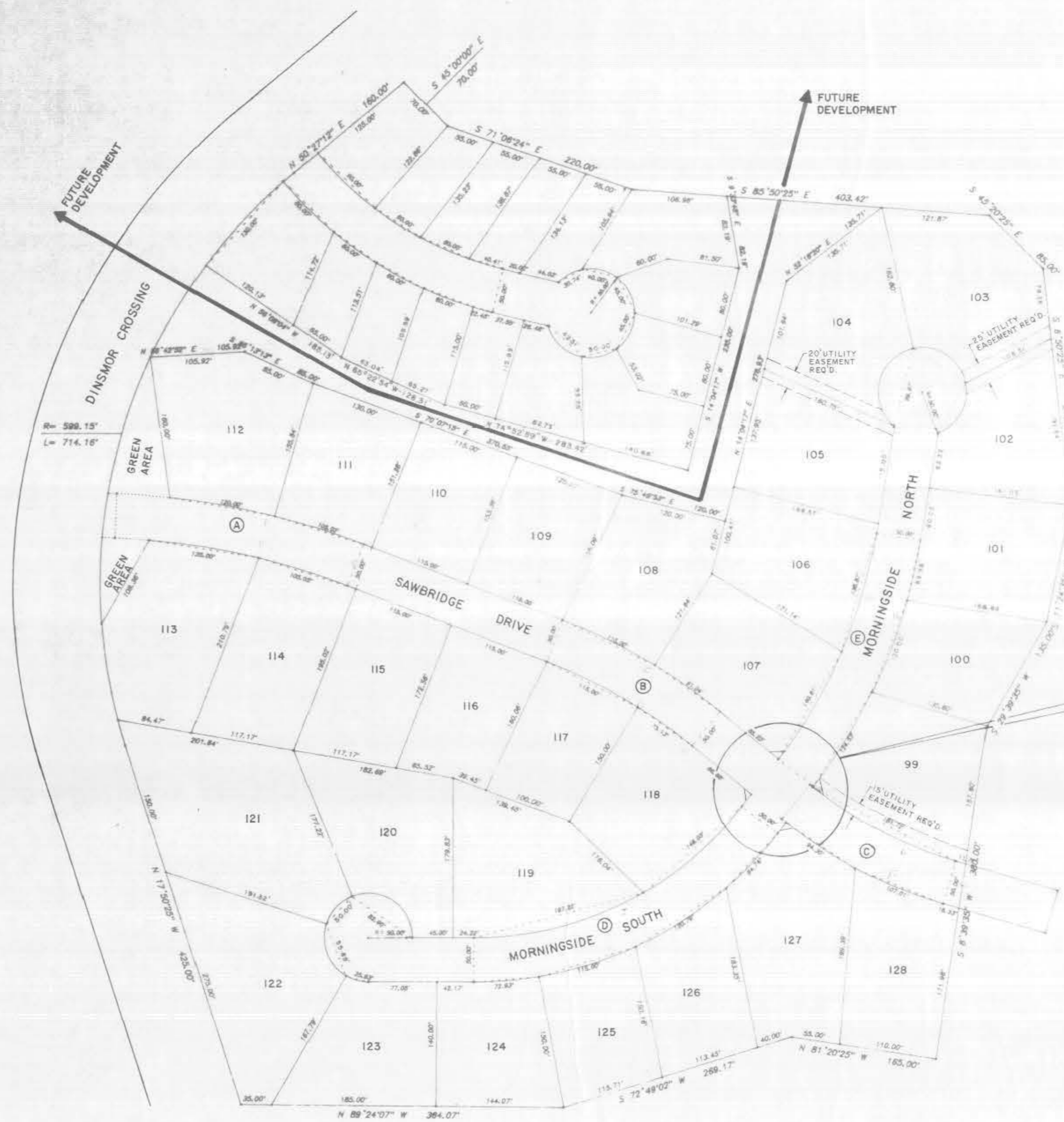
N.T.S.

DRAINAGE COMPUTATIONS		VELOCITY
INLET	Q = C/A	V = Q/A
	C = 1.48 P ^{0.785} S ^{0.48}	
	P = 10.55 - 16.20 S + 4.80 S ²	
	S = Slope ft/ft	
	A = Drainage Area	
	C = Value from Rational Pipe Design Manual	
INLET 1 A	0.6 Ac 0.75x6x0.8 2.7 cfs	V=13.1fps
INLET 1 B	0.4 Ac 0.75x6x1.4 1.8 cfs	V=4.7fps
Total Q = 1.1x2.7 = 4.8 cfs		
INLET 2 A	0.7 Ac 0.75x6x0.7 3.15 cfs	V=3.8fps
INLET 2 B	1.5 Ac 0.75x6x1.5 6.75 cfs	V=10.7fps
Total Q = 6.75x1.4x0.8=11.00 cfs		
INLET 3 A	1.0 Ac 0.75x6x1.0 4.5 cfs	V=9.2fps
Total Q = 4.5x1.4x0.8=10.8cfs		
INLET 4 A	0.6 Ac 0.75x6x0.8 2.7 cfs	V=11.6fps
Total Q = 16.5x2.7=10.8 cfs		
INLET 5 A	1.0 Ac 0.75x6x1.0 4.5 cfs	V=4.1fps
INLET 5 B	1.9 Ac 0.75x6x1.9 8.55 cfs	V=14.7fps
Total Q = 8.5x2.1x0.8=30.0 cfs		
INLET 7 A	0.8 Ac 0.75x6x0.8 3.6 cfs	V=3.7fps
INLET 8 A	3.0 Ac 0.75x6x3.0 13.5 cfs	V=7.6fps
INLET 9 A	1.0 Ac 0.75x6x1.0 4.5 cfs	V=10.0fps
INLET 10-A	0.5 Ac 0.75x6x0.5 2.25 cfs	V=6.7fps
TOTAL Q = 2.25x10.0 = 20.3cfs		
INLET 10 B	0.2 Ac 0.75x6x0.2 0.90 cfs	V=12.3fps
TOTAL Q = 0.9x20.3x0.8 = 14.6 cfs		
JBOX 10-B	TOTAL Q = 59.8cfs	V=8.4fps
INLET 11 A	0.8 Ac 0.75x6x0.8 3.6 cfs	V=3.7fps
INLET 11 B	0.2 Ac 0.75x6x0.2 0.90 cfs	V=9.1fps
TOTAL Q = 0.9x3.6x0.8 = 04.8 cfs		
JBOX 13-A	4.0 Ac 0.75x6x4.0 18 cfs	V=12.9fps
INLET 13	1.0 Ac 0.75x6x1.0 4.5 cfs	V=8.6fps
TOTAL Q = 4.5x10.0 = 45.0 cfs		
INLET 12	0.5 Ac 0.75x6x0.5 2.25 cfs	V=5.9fps
TOTAL Q = 2.2x10.0 = 22.0 cfs		
INLET 14	0.8 Ac 0.75x6x0.8 3.6 cfs	V=4.5fps
INLET 15	0.5 Ac 0.75x6x0.5 2.25 cfs	V=5.8fps
INLET 16	0.5 Ac 0.75x6x0.5 2.25 cfs	V=8.1fps
INLET 17	0.5 Ac 0.75x6x0.5 2.25 cfs	V=10.7fps

DRAINAGE PLAN
SAWBRIDGE III OF DINSMOR
 SITUATED IN THE NE 1/4 OF SECTION 25, T8N-R1E,
 MADISON COUNTY, MISSISSIPPI



CURVE DATA					
	A	B	C	D	E
Δ	10° 43' 23"	11° 13' 17"	23° 06' 43"	52° 38' 12"	28° 21' 48"
T	146.00'	100.00'	100.00'	200.00'	149.35'
R	819.21'	623.57'	489.07'	404.34'	591.02'
L	277.50'	198.31'	197.28'	371.46'	292.57'
D	06° 44' 49"	09° 11' 18"	1° 42' 55"	14° 10' 12"	01° 41' 40"



INTERSECTION DETAIL

N.T.S.

THIS DRAWING CORRECTED
AS BUILT
DATE 10-3-90
SIGNED BSK

**LOT LAYOUT
SAWBRIDGE III OF DINSMOR**
SITUATED IN THE NE 1/4 OF SECTION 26, T7N-R1E,
MADISON COUNTY, MISSISSIPPI

JUNE 30, 1989 REV. 8-15-89

DATE: _____ BY: _____
 SURVING: _____
 PLAN: _____
 NOTE BOOK: _____
 NO. _____

DATE: _____ BY: _____
 SURVING: _____
 PROFILE: _____
 NOTE BOOK: _____
 NO. _____

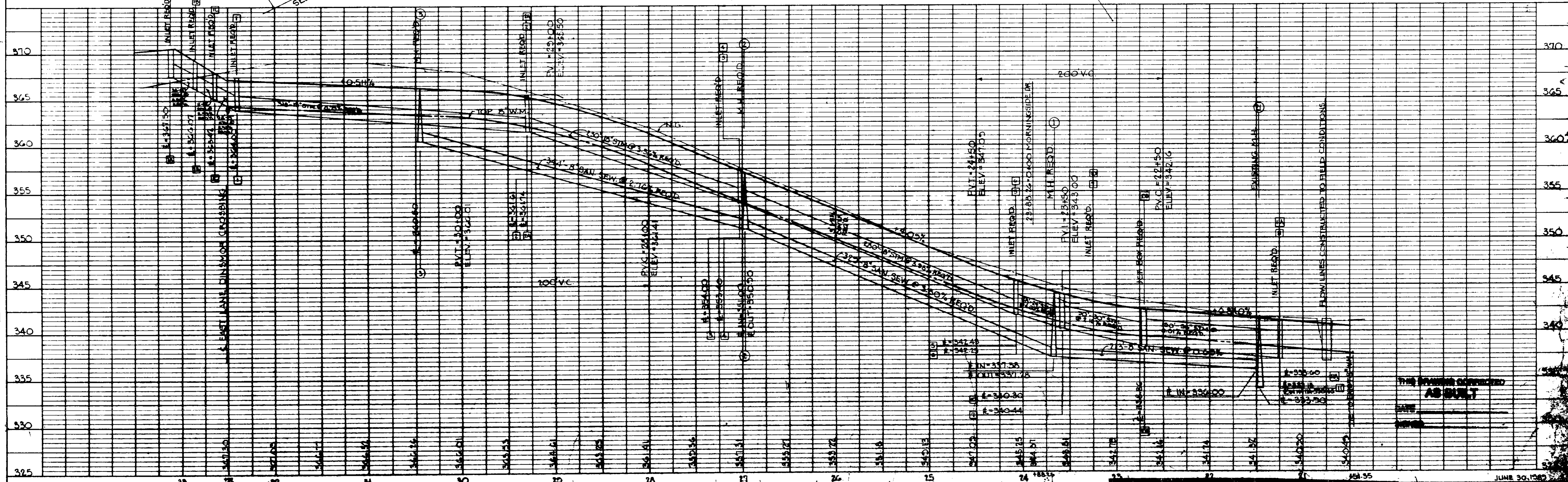
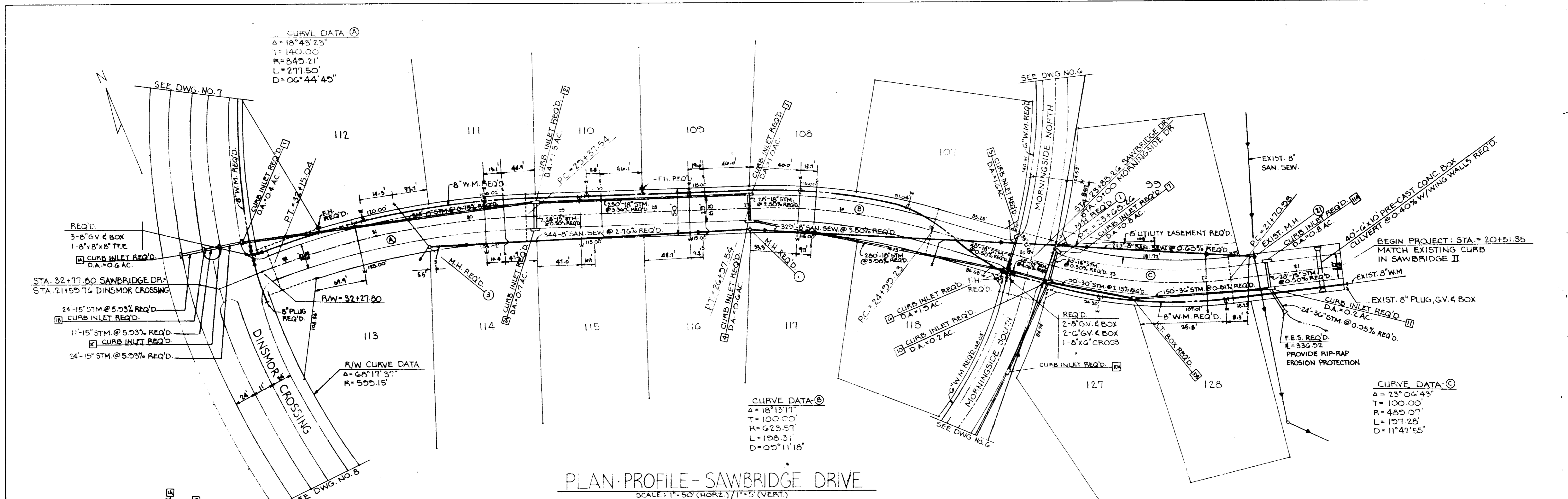
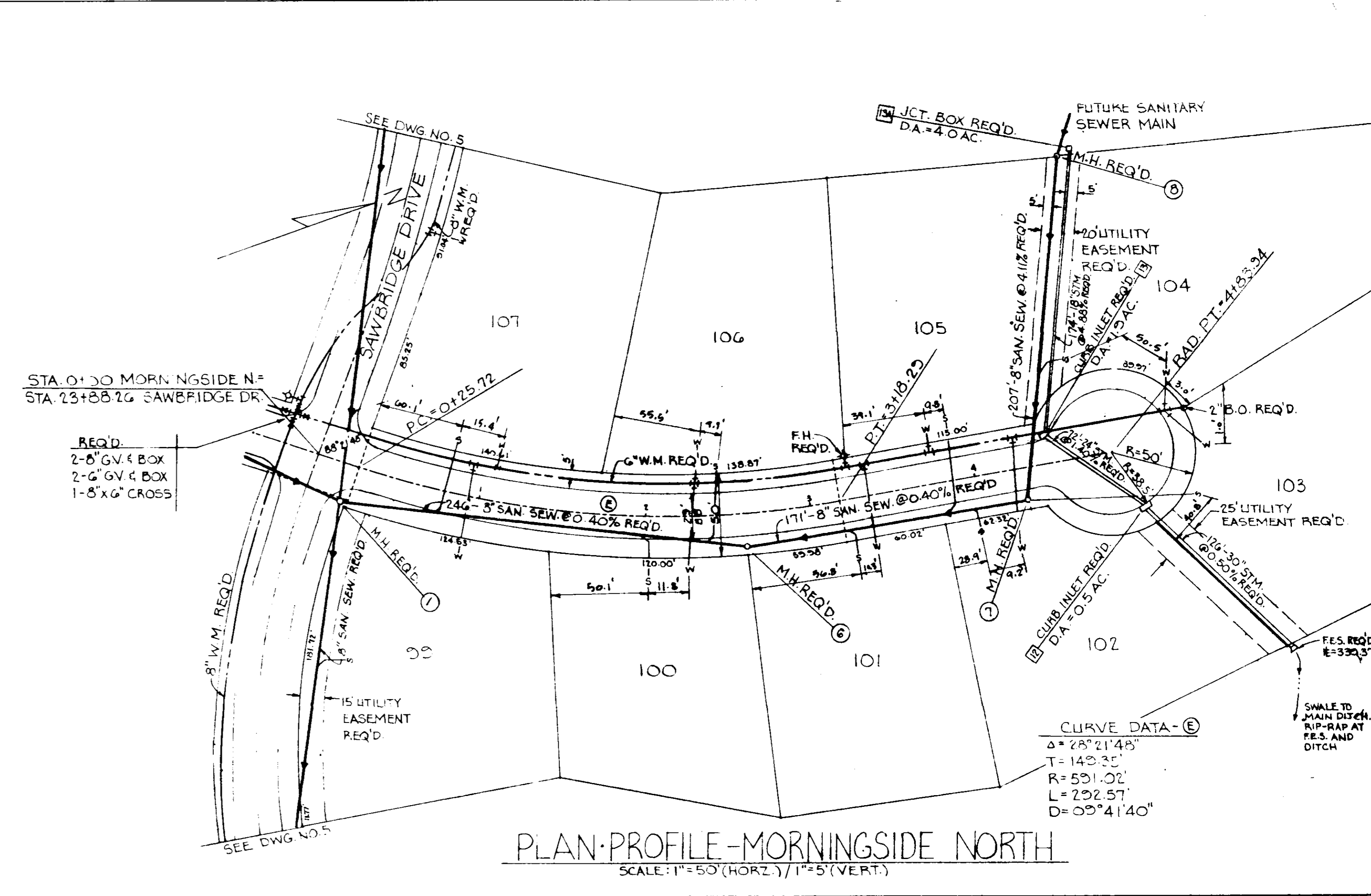
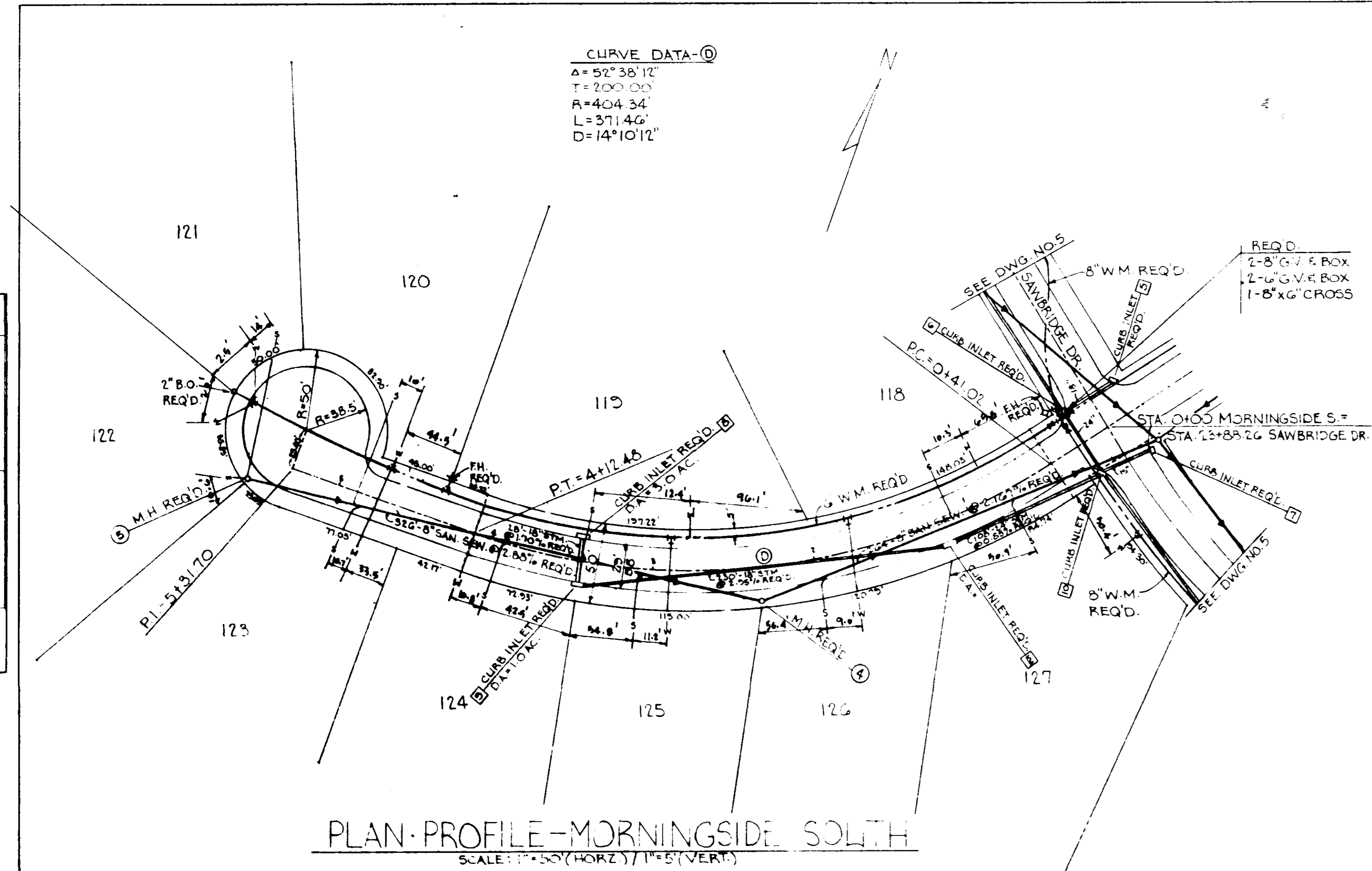


PLATE 1 - SINGLE PLAN AND PROFILE

JUNE 30, 1982
 REV. 8-15-85
 PLAN PROFILE - SAWBRIDGE DR.
 SAWBRIDGE III OF DING

PLAN
 DRAWING NO. 1000
 SHEET NO. 1 OF 2
 DATE: 6/30/87



PROFILE
 DRAWING NO. 1000
 SHEET NO. 2 OF 2
 DATE: 6/30/87

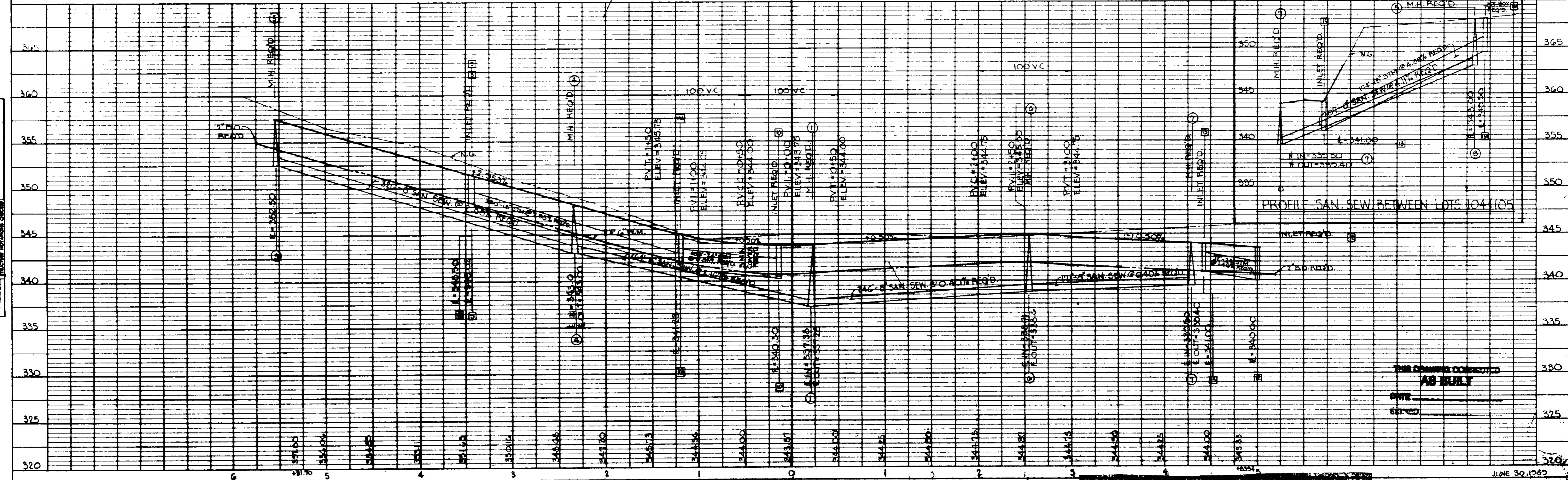


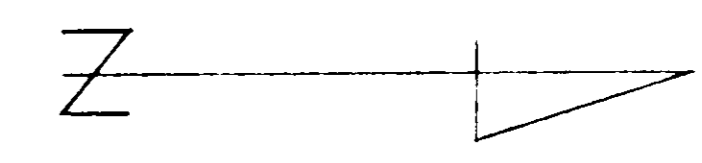
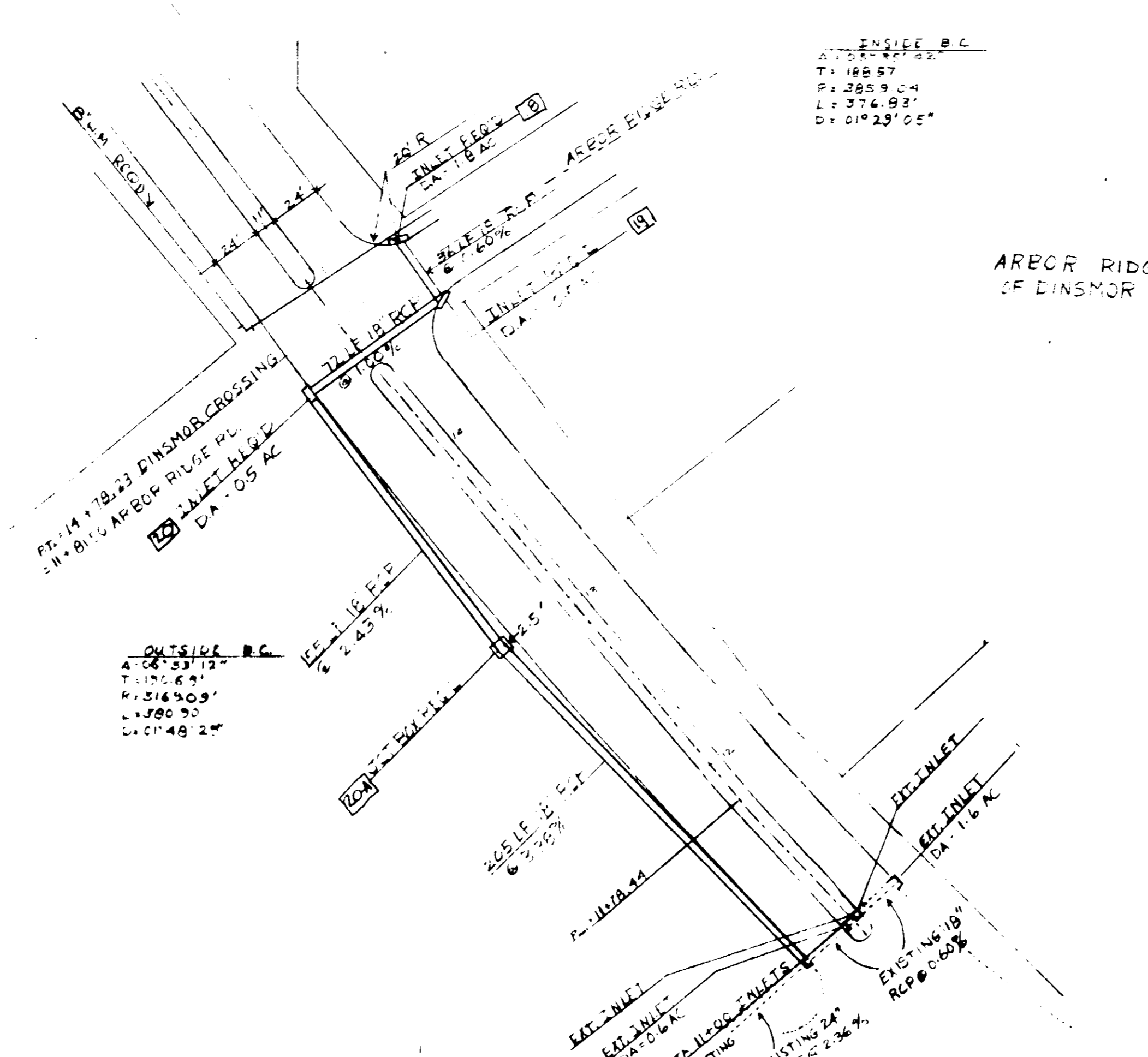
PLATE 1 - SINGLE PLAN AND PROFILE - FULL LINE

THE DRAWING CORRECTED
AS BUILT
 DATE: _____
 ELEVATION: _____
 JUNE 30, 1987

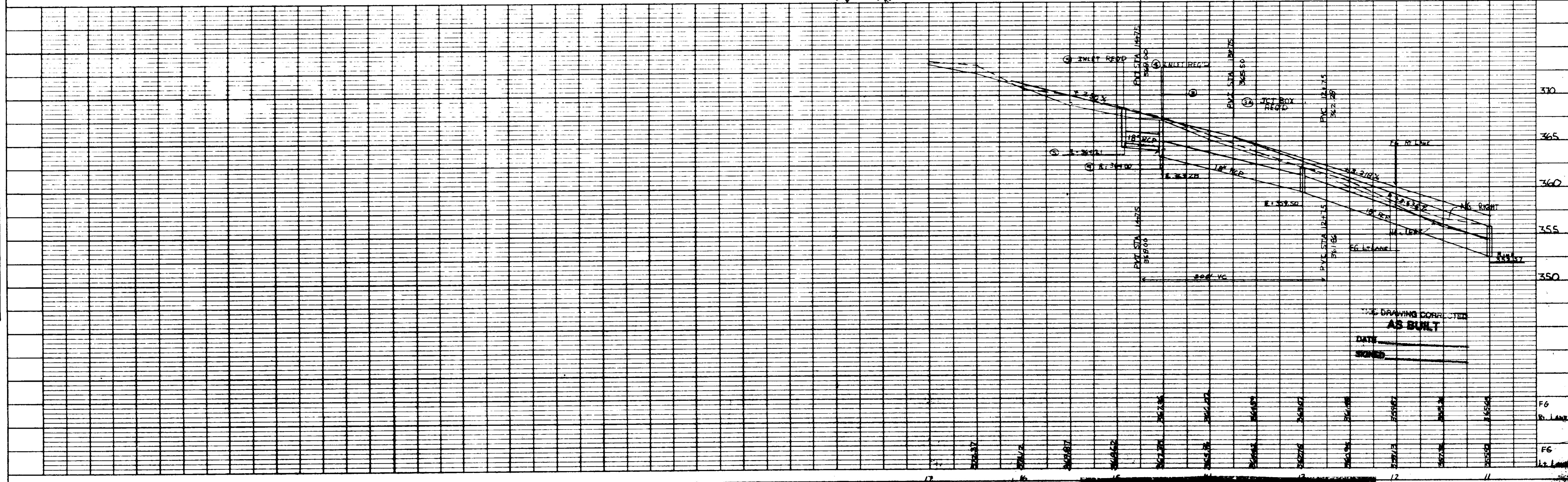
PLAN PROFILE - MORNINGSIDE NORTH
 MORNINGSIDE SOUTH
 SAWBRIDGE III OF DINSMO

PLAN
 DRAWING NO. _____
 SHEET NO. _____
 DATE _____
 BY _____
 CHECKED BY _____
 APPROVED BY _____
 TITLE _____

PROFILE
 DRAWING NO. _____
 SHEET NO. _____
 DATE _____
 BY _____
 CHECKED BY _____
 APPROVED BY _____
 TITLE _____



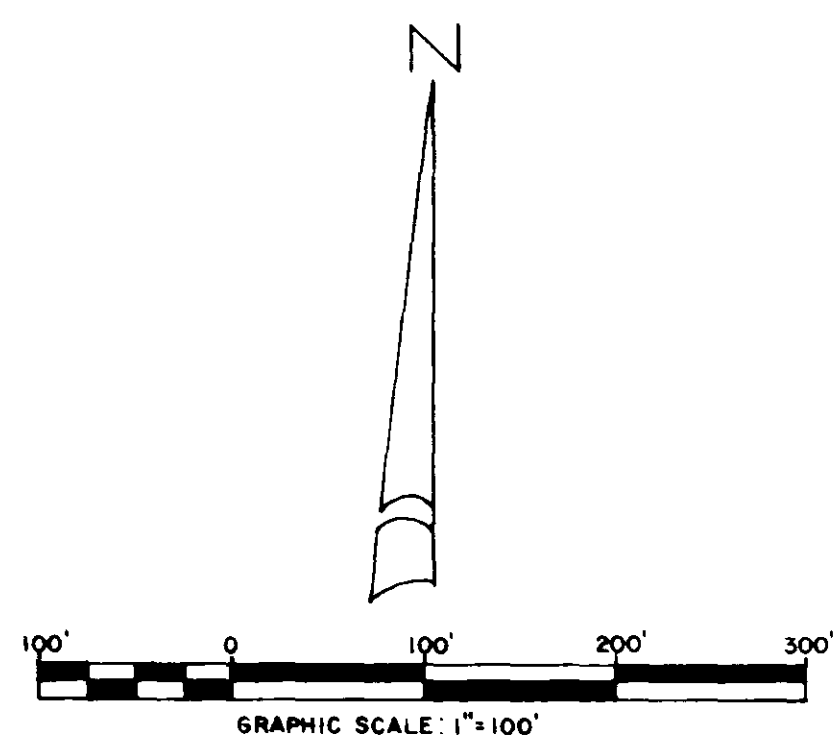
SCALE
 1" = 50' HORIZ
 1" = 5' VERT



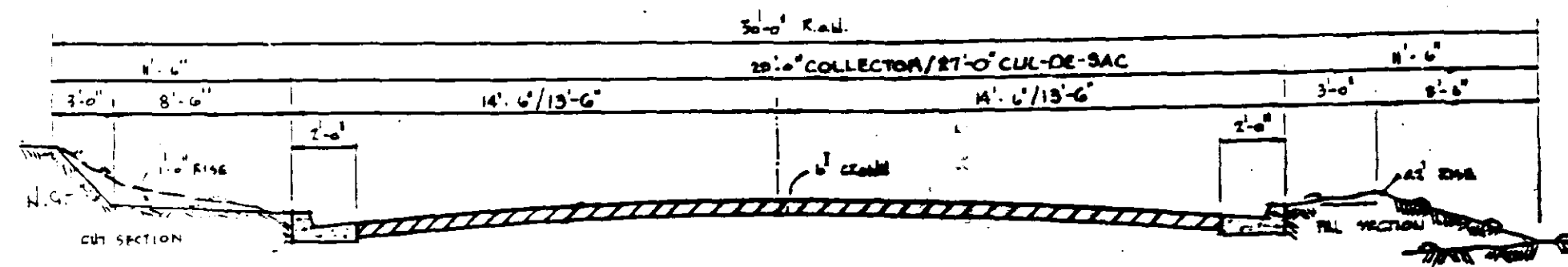
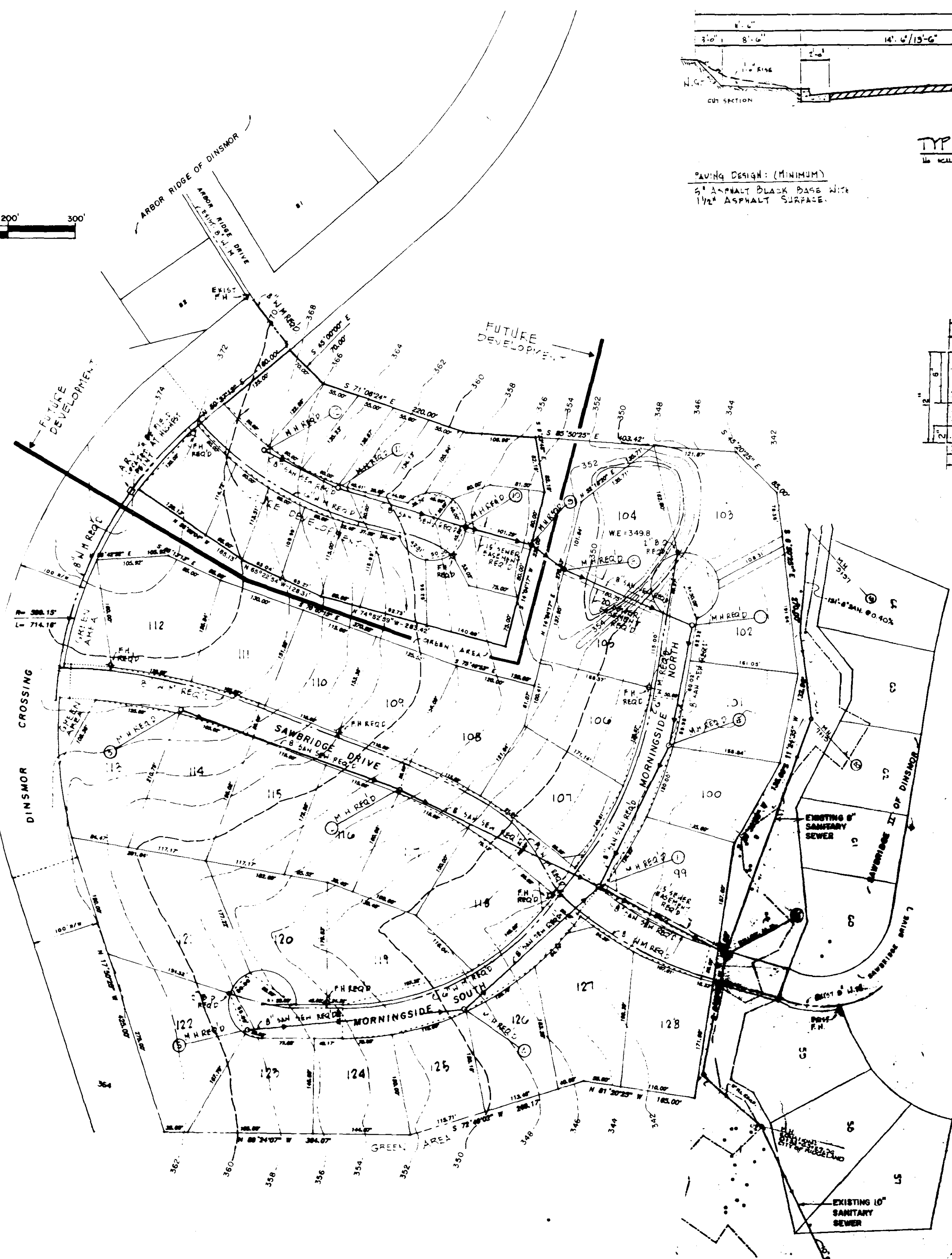
HIGHWAY FEDERAL AID DISTRICT
 PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
 DIVISION
 PRINTED IN U.S.A.

THIS DRAWING CORRECTED
AS BUILT
 DATE _____
 SIGNED _____

IN PROFILE - DINSMOR CROSSING
 SMOR AT OLD AGENCY 6/29/89

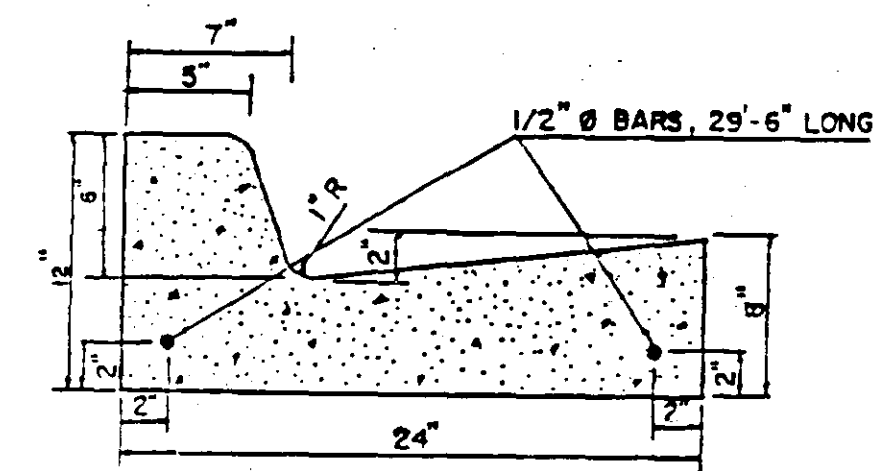


NOTE: CONTOUR INTERVAL SHOWN IS 2 FT.
TOPOGRAPHIC SURVEY BY OTHERS

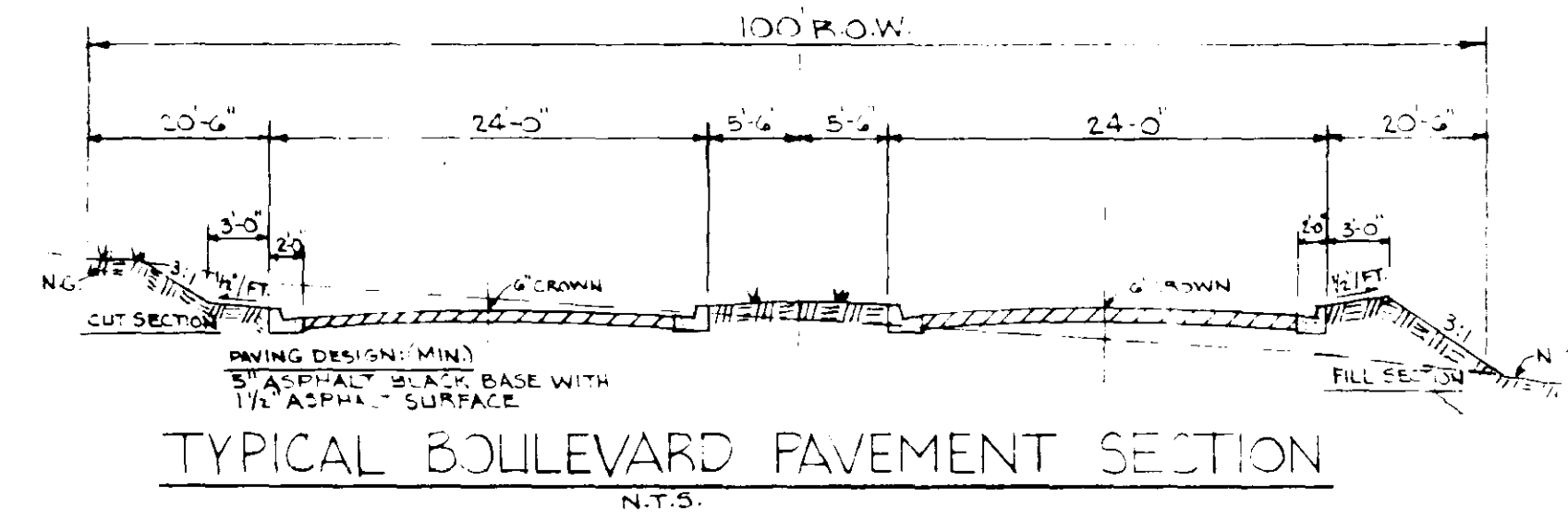


TYPICAL STREET SECTION
1/4" SCALE

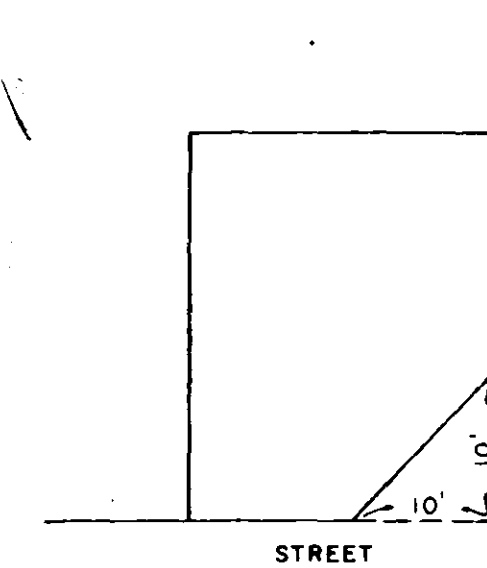
PAVING DESIGN: (MINIMUM)
5" ASPHALT BLACK BASE WITH
1 1/2" ASPHALT SURFACE



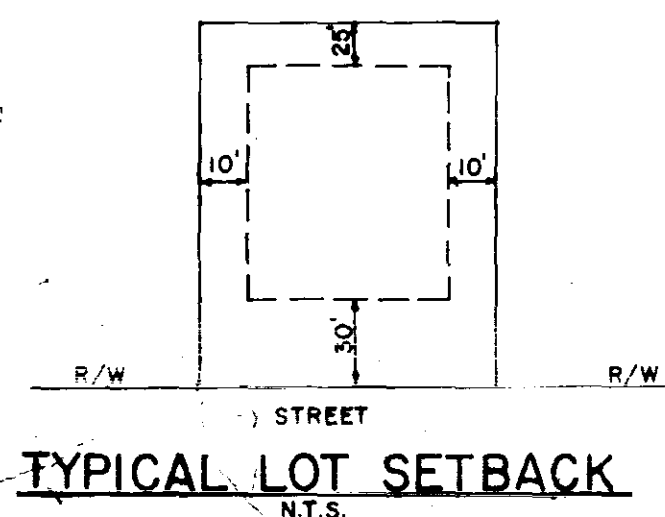
TYPICAL CURB DETAIL
N.T.S.



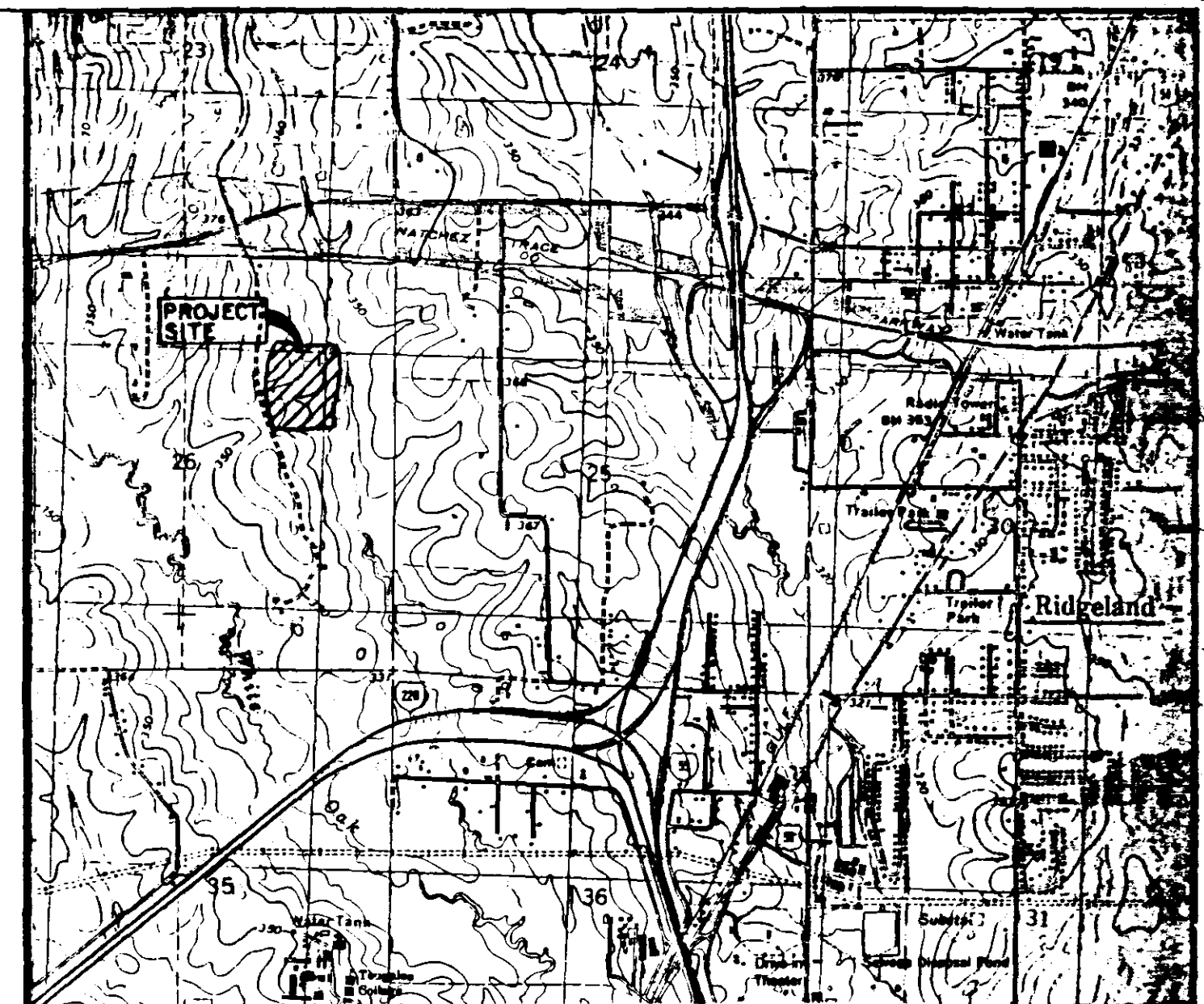
TYPICAL BOULEVARD PAVEMENT SECTION
N.T.S.



TYPICAL CORNER LOT
N.T.S.



TYPICAL LOT SETBACK
N.T.S.



VICINITY MAP
SCALE: 1" = 200'

GENERAL NOTES:

- CONSTRUCTION OF STREET SHALL BE IN ACCORDANCE WITH CITY OF RIDGELAND REGULATIONS AND CONSTRUCTION OF SAN SEWER AND WATER MAINS SHALL BE IN ACCORDANCE WITH CITY OF RIDGELAND REGULATIONS.
- LOTS SETBACK SHALL BE AS FOLLOWS:
30' - FRONT
10' - SIDE
25' - REAR
- THIS PROPERTY IS SITUATED IN ZONE "C", NOT A FLOOD HAZARD AREA, ACCORDING TO MAP NO. 280228-0285-B DATED JAN. 2, 1980.

AS BUILT
DATE _____
SIGNED _____

PRELIMINARY PLAT
SAWBRIDGE III OF DINSMOR
SITUATED IN THE NE 1/4 OF SECTION 26, 7TH-R1E,
MADISON COUNTY, MISSISSIPPI

DEVELOPED BY: SMDC, INC. GENERAL PARTNER
5, LAKELAND CIRCLE JACKSON, MS

REV. 7-12-89
APR 30, 1988

CENTRAL MISSISSIPPI ENGINEERING

P.O. BOX 4506

JACKSON, MS 39296-4506

601