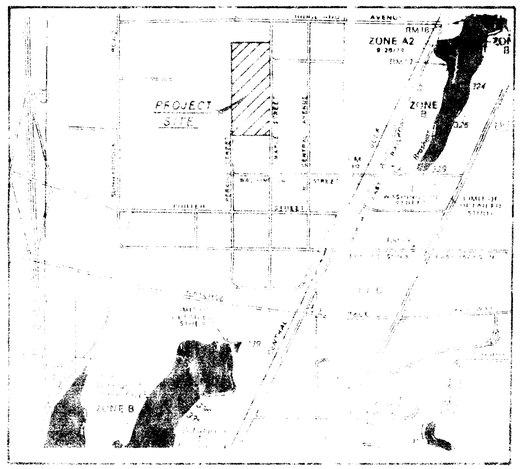
CONSTRUCTION PLANS

OLDE TOWN SUBDIVISION , PHASE II

BLOCK 12 & BLOCK 20 - TOWN OF RIDGELAND

SITUATED IN THE SW1/4 OF SECTION 13 T7N - R2E ,
MADISON COUNTY , MISSISSIPPI



VICINITY MAP
SCALE 1" = 1000'

INDEX OF DRAWINGS

SHT. NO.	DESCRIPTION
1	COVER SHEET
2	PRELIMINARY PLAT
3	PLAN & PROFILE
4	TYPICAL STREET IMPROVEMENTS
5	STANDARD SANITARY SEWER CONSTRUCTION DETAILS
6	STANDARD WATER CONSTRUCTION DETAILS

DEVELOPED BY : OLDE TOWNE BUILDING CO., INC.
P.O. BOX 1157
MADISON , MISSISSIPPI 39130

DRAWING CORRECTED
AS BUILT
BY _____
DATED _____

DESIGNED BY : CENTRAL MISSISSIPPI ENGINEERING , INC
[illegible] RIVER BEND PLACE
RIDGELAND, MISSISSIPPI 39157

APRIL , 1995

PWP-01509

OLDE TOWN PHASE II
RETENTION DESIGN

DA (thru inlet #6) = 9.0 ac

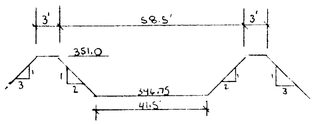
ORIGINAL CONDITIONS:
Q = CIA
Q = (0.5)(6.0)(9.0)
Q = 27.0 cfs

IMPROVED CONDITIONS:
Q = CIA
Q = (0.75)(7.5)(9.0)
Q = 50.6 cfs

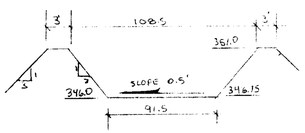
NET INCREASE = 23.6 CFS

STORAGE REQUIRED FOR 15 MIN DURATION
V = (23.6)(60)(15)
V = 21,240 cubic feet
Use 4.25' deep pond
Top = 58.5' x 108.5'
Bottom = 41.5' x 91.5'

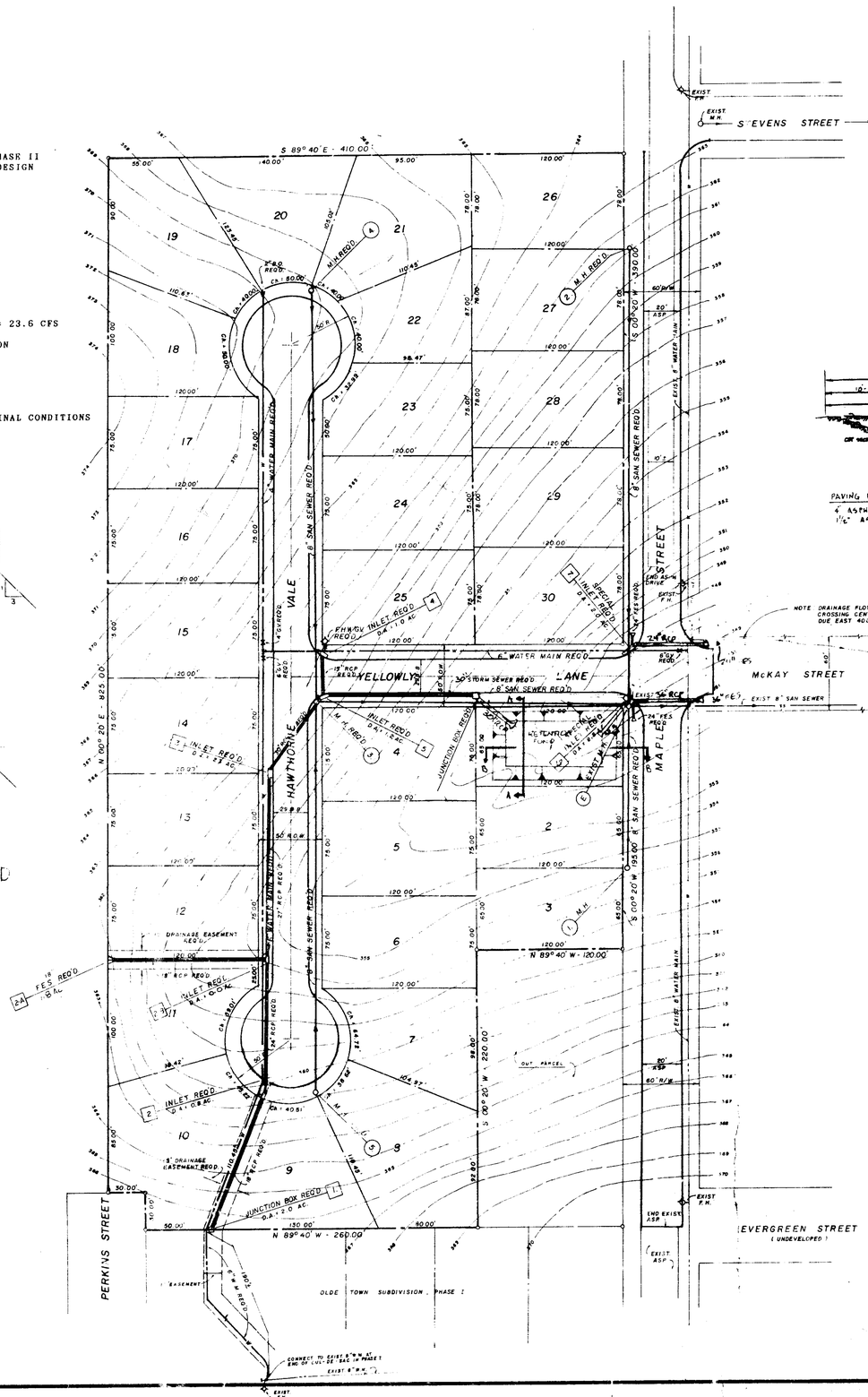
DISCHARGE REQUIRED FOR 50% OF ORIGINAL CONDITIONS
24" @ 0.40%
Q = (226)(0.0632)
Q = 14.3 cfs



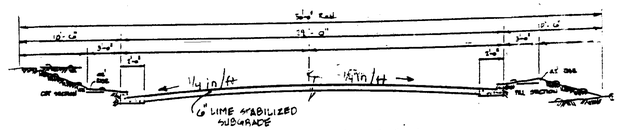
RETENTION POND
SECTION A-A
N.T.S.



RETENTION POND
SECTION B-B
N.T.S.

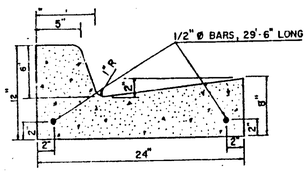


SCALE : 1" = 50'

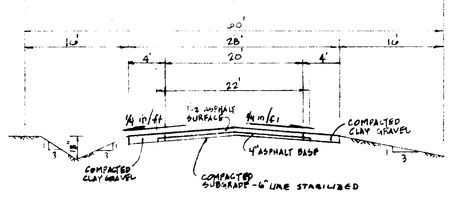


TYPICAL STREET SECTION
N.T.S.

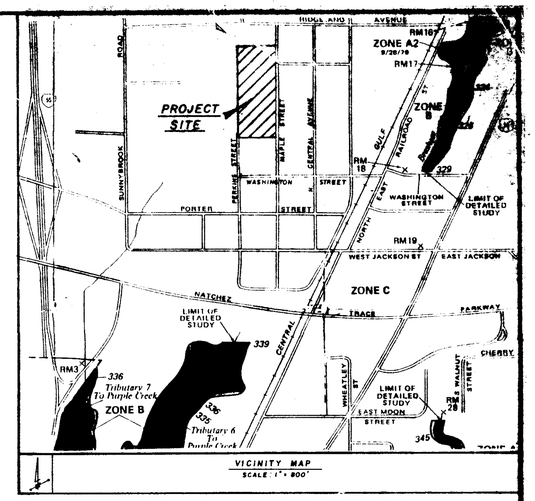
PAVING DESIGN (MINIMUM)
4" ASPHALT BLACK BASE WITH 1½" ASPHALT SURFACE.



TYPICAL CURB DETAIL
N.T.S.



TYPICAL SECTION
MAPLE STREET CONSTRUCTION
NTS



VICINITY MAP
SCALE: 1" = 800'

GENERAL NOTES

1. THIS PROPERTY IS SITUATED IN ZONE "C" NOT A FLOOD HAZARD AREA, ACCORDING TO F.I.R.M. MAP NO. 280228-0295-B, DATED: JAN. 2, 1960.
2. CONSTRUCTION OF STREETS AND UTILITIES WILL BE IN ACCORDENCE WITH CITY OF RIDGELAND REGULATIONS.
3. LOT SETBACKS
   FRONT - 25'
   SIDE - 5'
   REAR - 25'
4. TOPOGRAPHIC SURVEY BY OTHERS.
5. NEW STREET CONSTRUCTION WILL BE REQUIRED ON MAPLE STREET FROM EVEGREEN STREET TO STEVENS STREET.
6. EXCESS EXCAVATION NOT REQUIRED FOR MAPLE STREET CONSTRUCTION TO BE PLACED ON LOTS 1, 2, 11, 12, 13 & 30

DEVELOPED BY : OLDE TOWNE BUILDING CO., INC.
P.O. BOX 1157
MADISON, MS 39130

PRELIMINARY PLAT

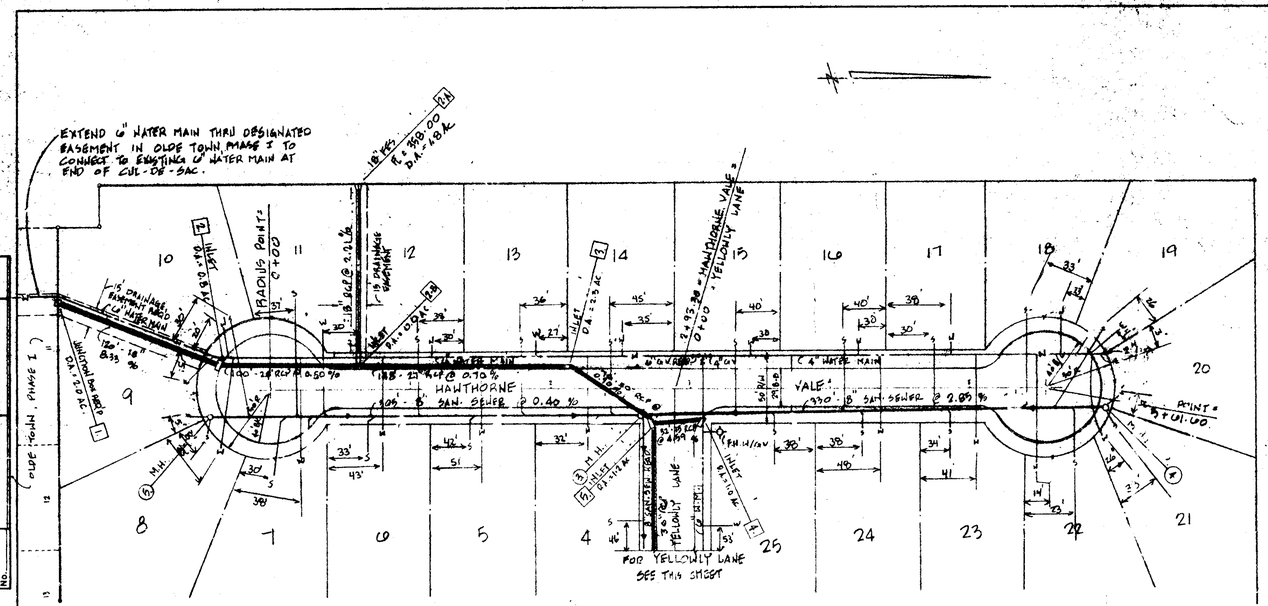
OLDE TOWN SUBDIVISION, PHASE II

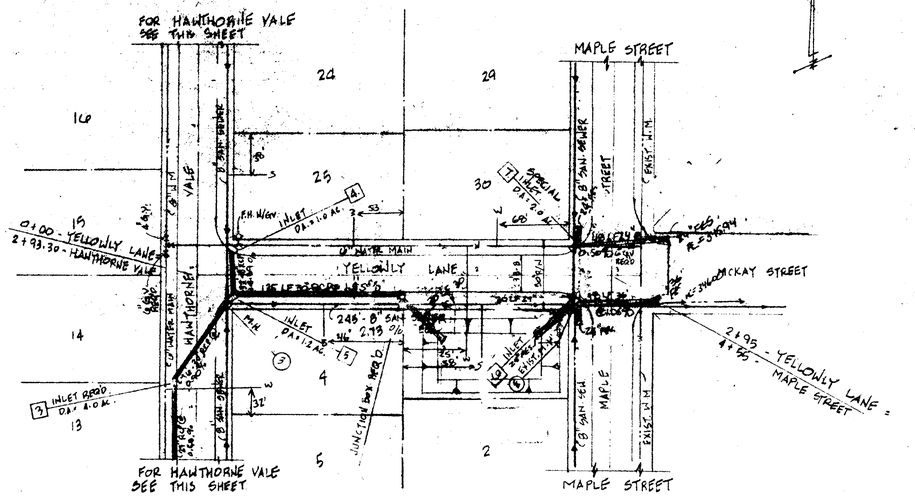
BLOCK 12 & BLOCK 20 - TOWN OF RIDGELAND
SITUATED IN THE SW1/4 OF SECTION 19, T7N-R2E,
MADISON COUNTY, MISSISSIPPI.

REV. 8-20-92.
REV. 8-19-92.
REVISION 4-24-92
REVISION 4-14-92 REV 7/29/92
FEBRUARY, 1992. REV 7/20/92

CENTRAL MISSISSIPPI ENGINEERING
4 RIVER BEND PLACE, SUITE 110 FLOWOOD, MS 39208 601-932-3068

EXTEND 6" WATER MAIN THRU DESIGNATED EASEMENT IN OLDE TOWN PHASE I TO CONNECT TO EXISTING 6" WATER MAIN AT END OF CUL-DE-SAC.

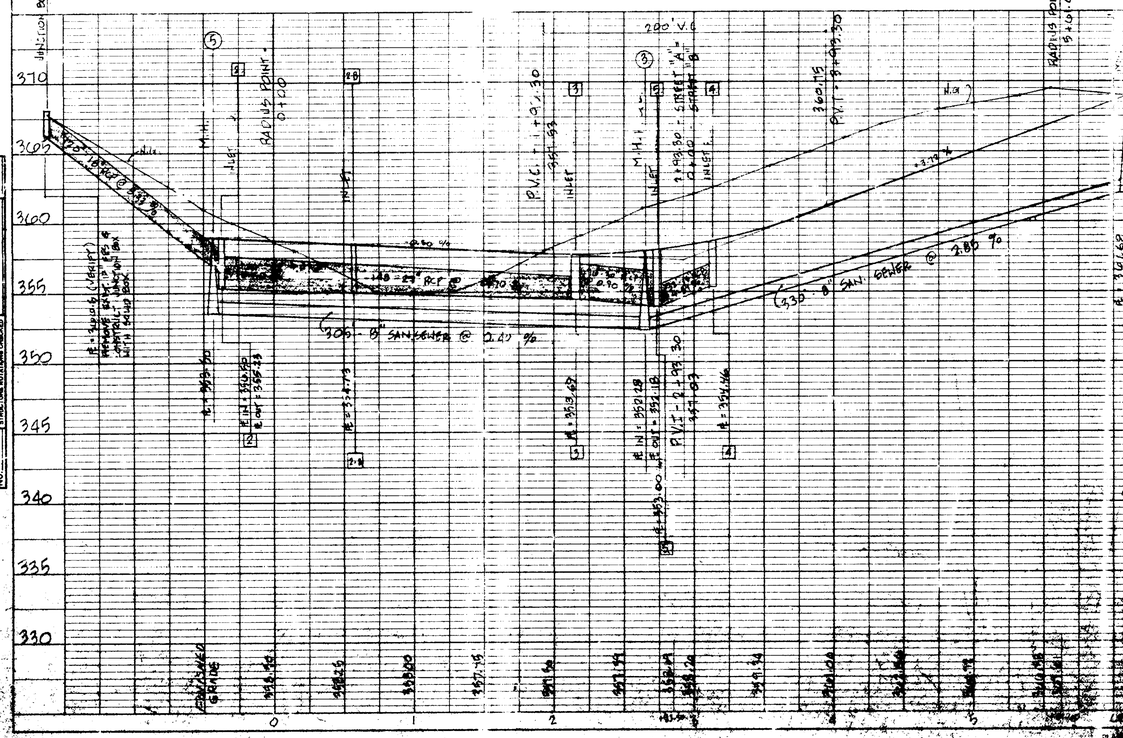




THIS DRAWING CORRECTED AS BUILT
DATE 10/19/92
SIGNED

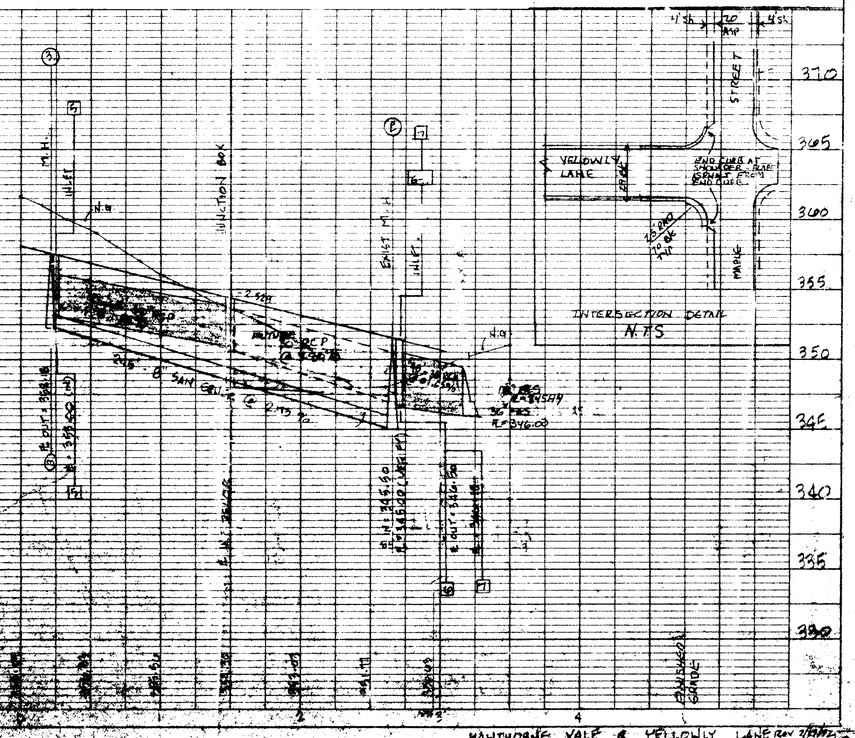
PLAN - PROFILE : HAWTHORNE VALE

SCALE : 1" = 50' (HORIZ.) / 1" = 5' (VERT.)



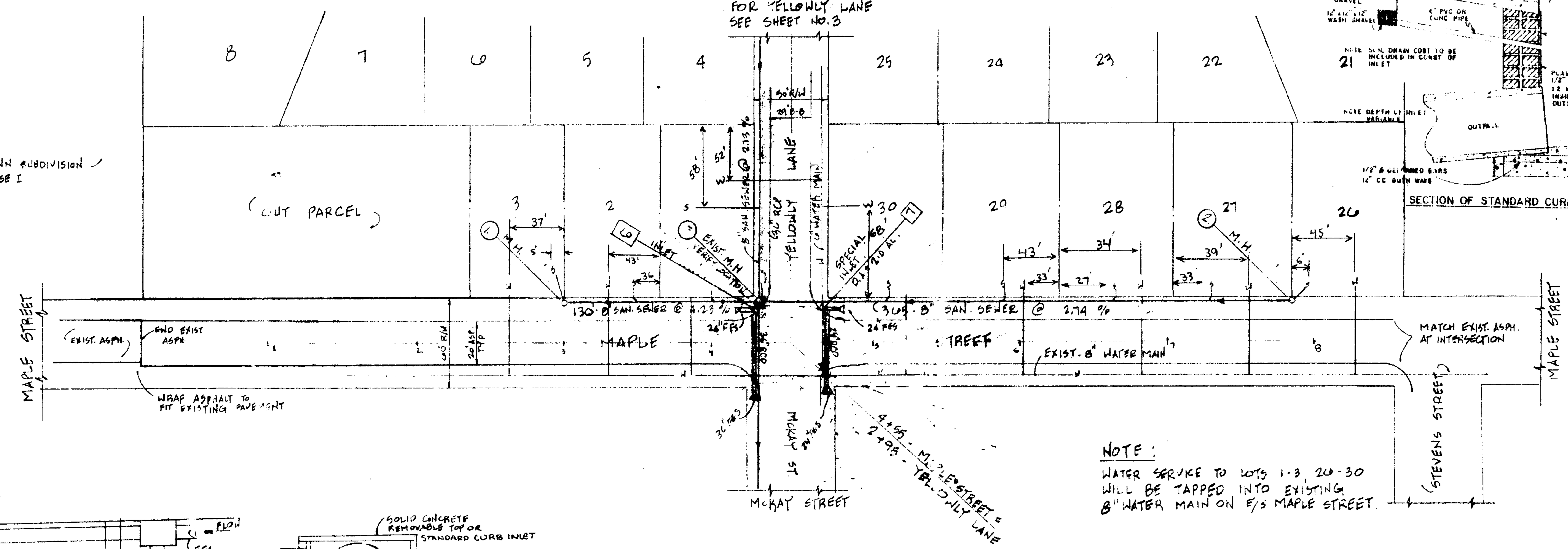
PLAN - PROFILE : YELLOWLY LANE

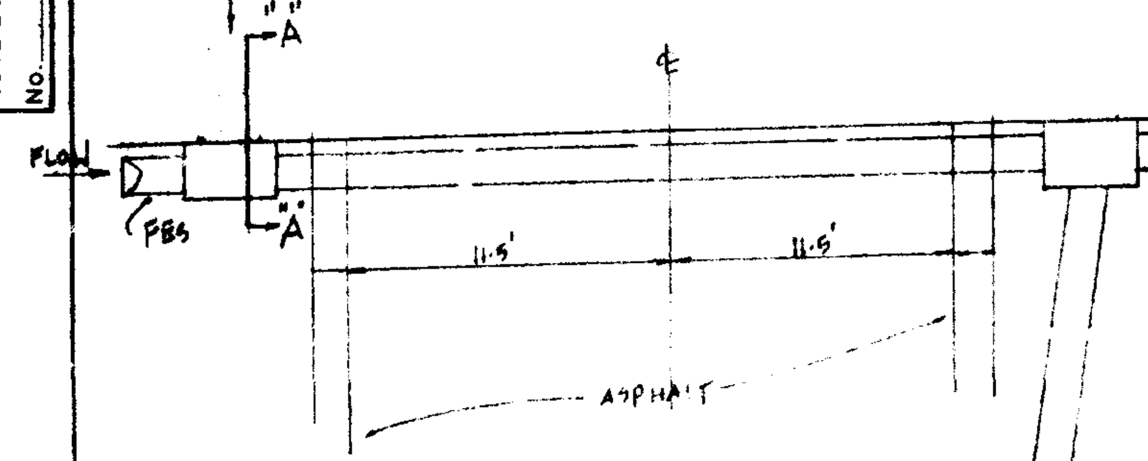
SCALE : 1" = 50' (HORIZ.) / 1" = 5' (VERT.)



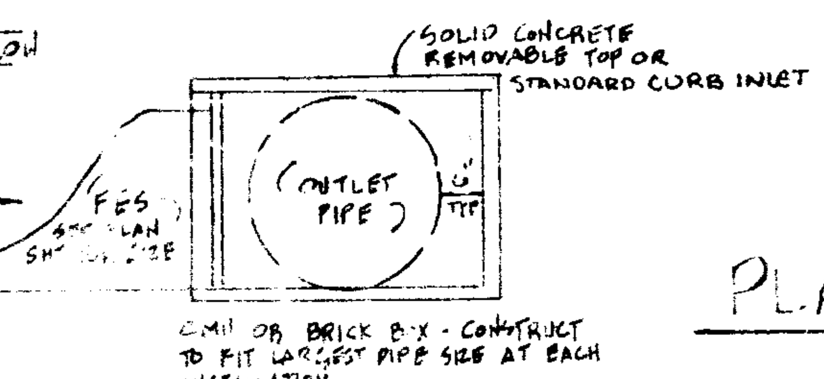
HAWTHORNE VALE & YELLOWLY LANE
OLDE TOWN SUBDIVISION, PHASE I

CRITCH, MISSISSIPPI ENGINEERING, INC.
[illegible] BEND PLACE

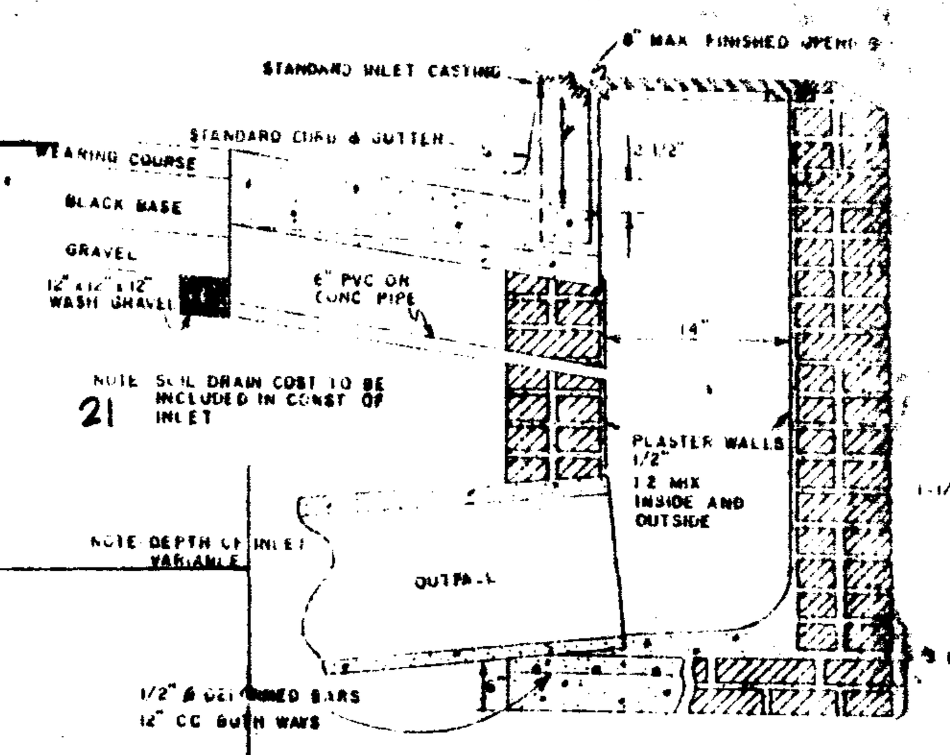




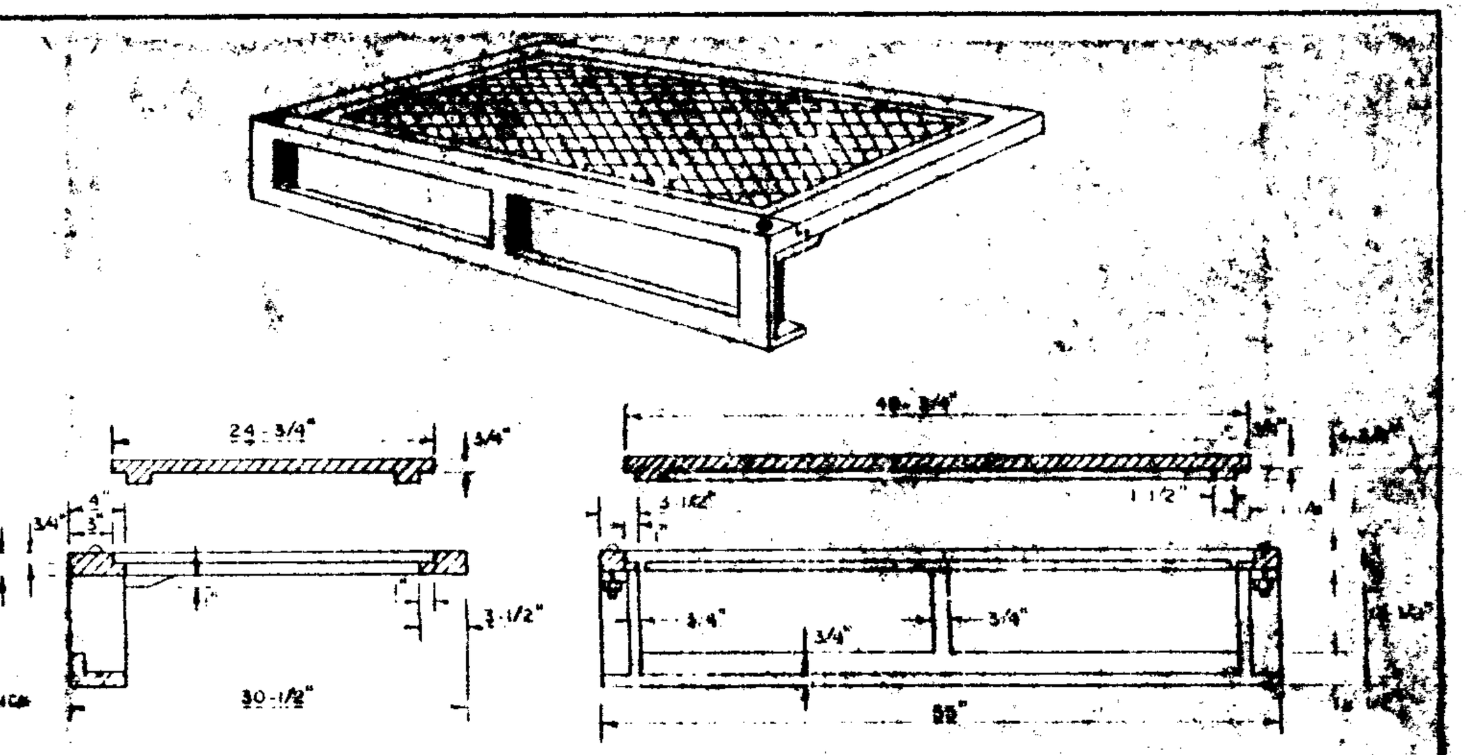
SPECIAL INLET DETAIL
N.T.S



SECTION "A"-"A"
N.T.S



SECTION OF STANDARD CURB INLET

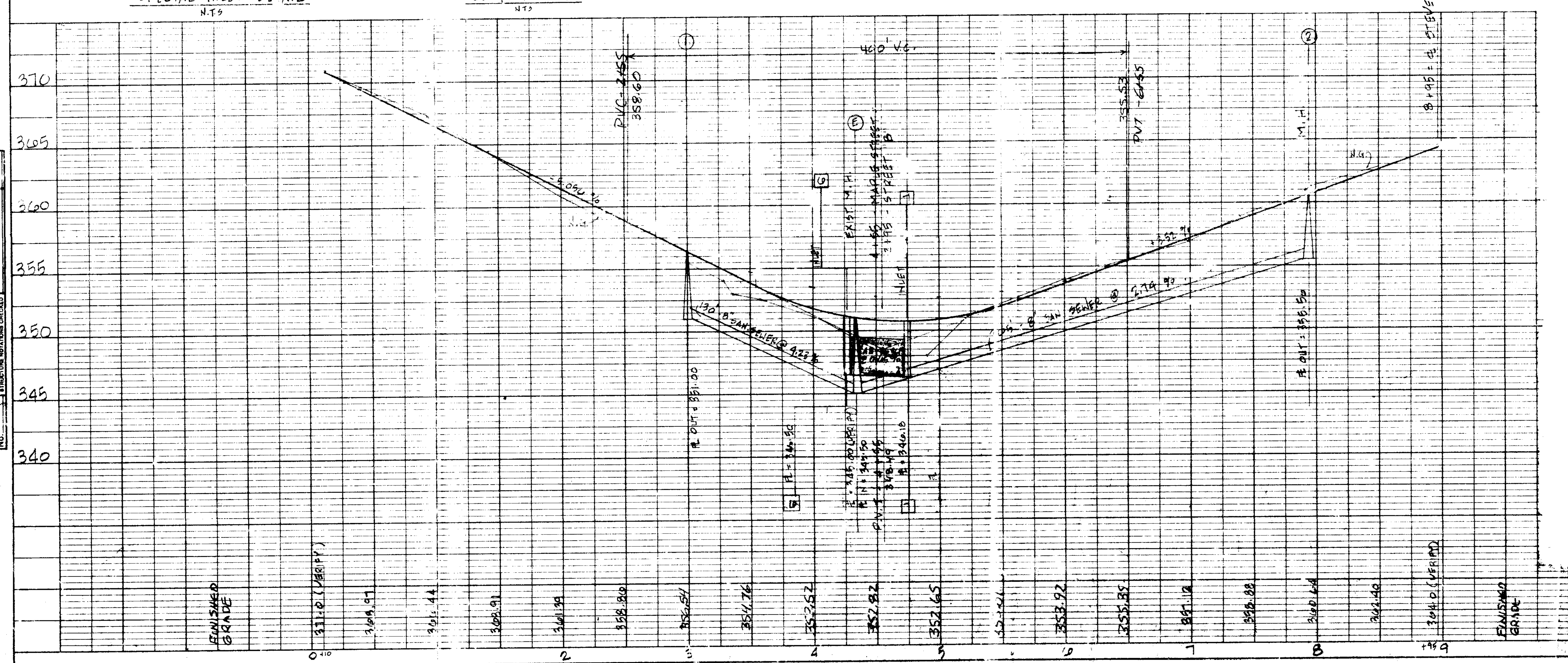


STANDARD CURB INLET CASTING
(VULCAN RCB-7)

THIS DRAWING CORRECTED
AS BUILT
DATE 10/19/92
SIGNED

PLAN · PROFILE : MAPLE STREET IMPROVEMENTS

SCALE: 1" = 50' (HORIZ.) / 1" = 5' (VERT.)



OLDE TOWN PHASE II
STORM DRAINAGE COMPUTATIONS

RUNOFF: Q = CIA
C = 0.75
I = 7.5 INCHES/HOUR
A = DRAINAGE AREA

CAPACITY: Q = CxS
C = (1.16/n)xAxR
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 = 2.0 AC Q = (0.75)(7.5)(2.0) Q = 11.3 CFS	18" @ 8.33% Q = 105 (0.2886) Q = 30.3 CFS
INLET 2:	DA = 0.8 AC Q = (0.75)(7.5)(0.8)+Q Q = 4.5 + 11.3 Q = 15.8 CFS	24" @ 0.50% Q = 226 (0.0707) Q = 16.0 CFS
2-A:	DA = 1.8 AC Q = (0.75)(7.5)(1.8) Q = 10.1 CFS	18" @ 2.21% Q = 105(0.1487) Q = 15.6 CFS
INLET 2B:	DA = 0.0 AC Q = Q + Q Q = 10.1 + 15.8 Q = 25.9 CFS	27" @ 0.70% Q = 310(0.0837) Q = 25.9 CFS
INLET 3:	DA = 2.3 AC Q = (.75)(7.5)(2.3)+Q Q = 12.9 + 25.9 Q = 38.8 CFS	30" @ .90% Q = 410(0.0949) Q = 38.9 CFS
INLET 4:	DA = 1.0 AC Q = (0.75)(7.5)(1.0) Q = 5.6 CFS	15" @ 4.59% Q = 64.7(0.2142) Q = 13.9 CFS
INLET 5:	DA = 1.2 AC Q = (0.75)(7.5)(1.2)+Q+Q Q = 6.7 + 38.8 + 5.6 Q = 51.1 CFS	30" @ 1.56% Q = 410(0.1245) Q = 51.1 CFS
INLET 6:	DA = 2.8 AC Q = (0.75)(7.5)(2.8)+Q Q = 15.7 + 51.1 Q = 66.8 CFS	36" @ 1.05% Q = 666(0.1.25) Q = 68.2 CFS
INLET 7:	DA = 2.0 AC Q = (.75)(7.5)(2.0) Q = 11.3 CFS	24" @ 0.50% Q = 226(0.0707) Q = 15.9 CFS

PLATE 1 PLAN-PROFILE O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION
PRINTED IN U.S.A.

MAPLE STREET IMPROVEMENTS
OLDE TOWN SUBDIVISION, PHASE II
CENTRAL MISSISSIPPI ENGINEERING, INC.
4 RIVER BEND PLACE FLOWOOD, MS.

REV
REV
REV
REV
4