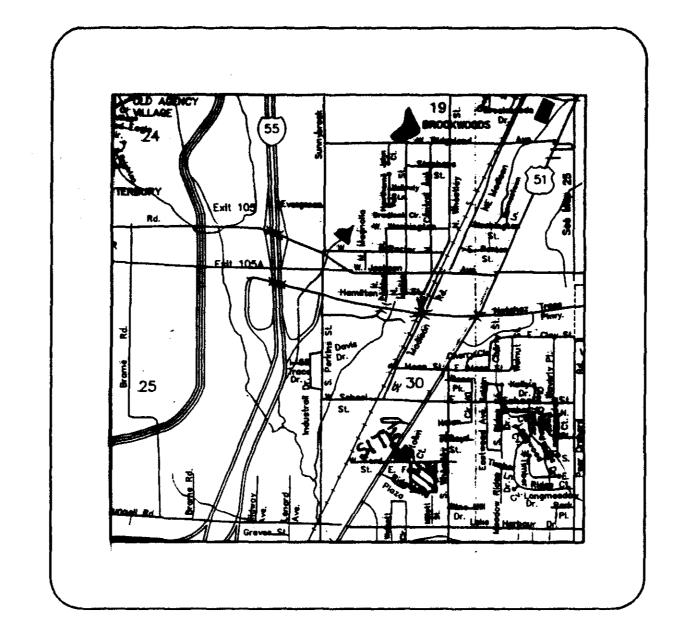
Construction Plans

WILLOW POND

Situated in the NE 1/4 of the SW 1/4 Section 30, T7N - R2E Ridgeland, Madison County, Mississippi



Index of Drawings

	·
Sht. No.	Description
1	COVER SHEET
2	PRELIMINARY PLAT
3	PLAN - PROFILE : WILLOW COVE
4	STANDARD WATER DETAILS
5	STANDARD SEWER DETAILS
6	EROSION CONTROL PLAN

AS BUILT
DATE 9-25-98
SIGNED LPP. Sur

Designed By: Central Mississippi Engineering, Inc.

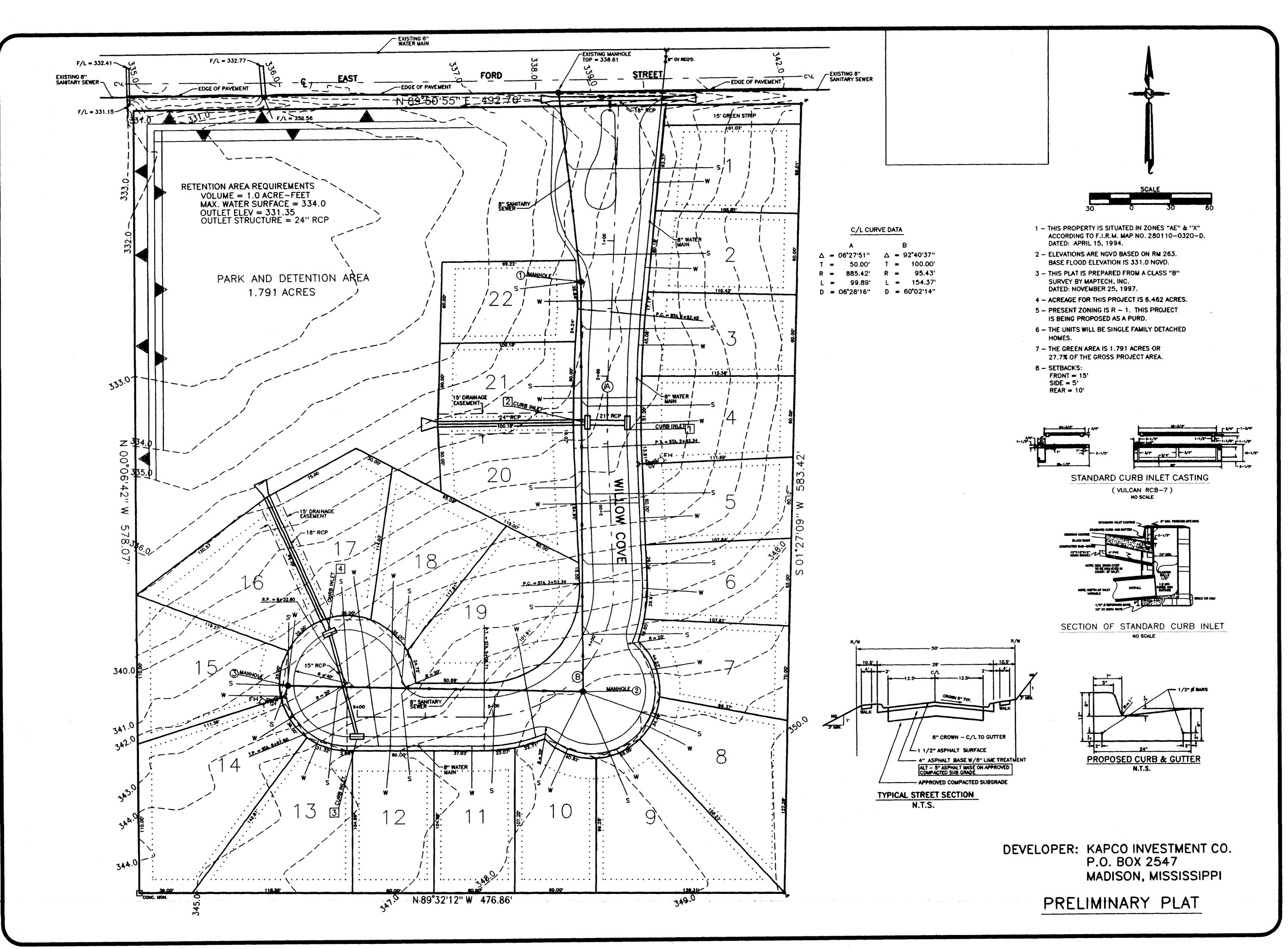
Florence, Mississippi 39073 115 East Main Street



Developed By: Ford Street Properties

P.O. Box 2547 Madison, Mississippi 39130

PWP-05038

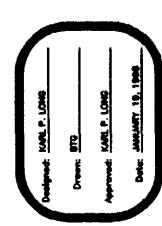


A/25/1996 - CITY COLAMENTS
4/25/1996 - CITY COLAMENTS
9/24/1996 - AS-BURT

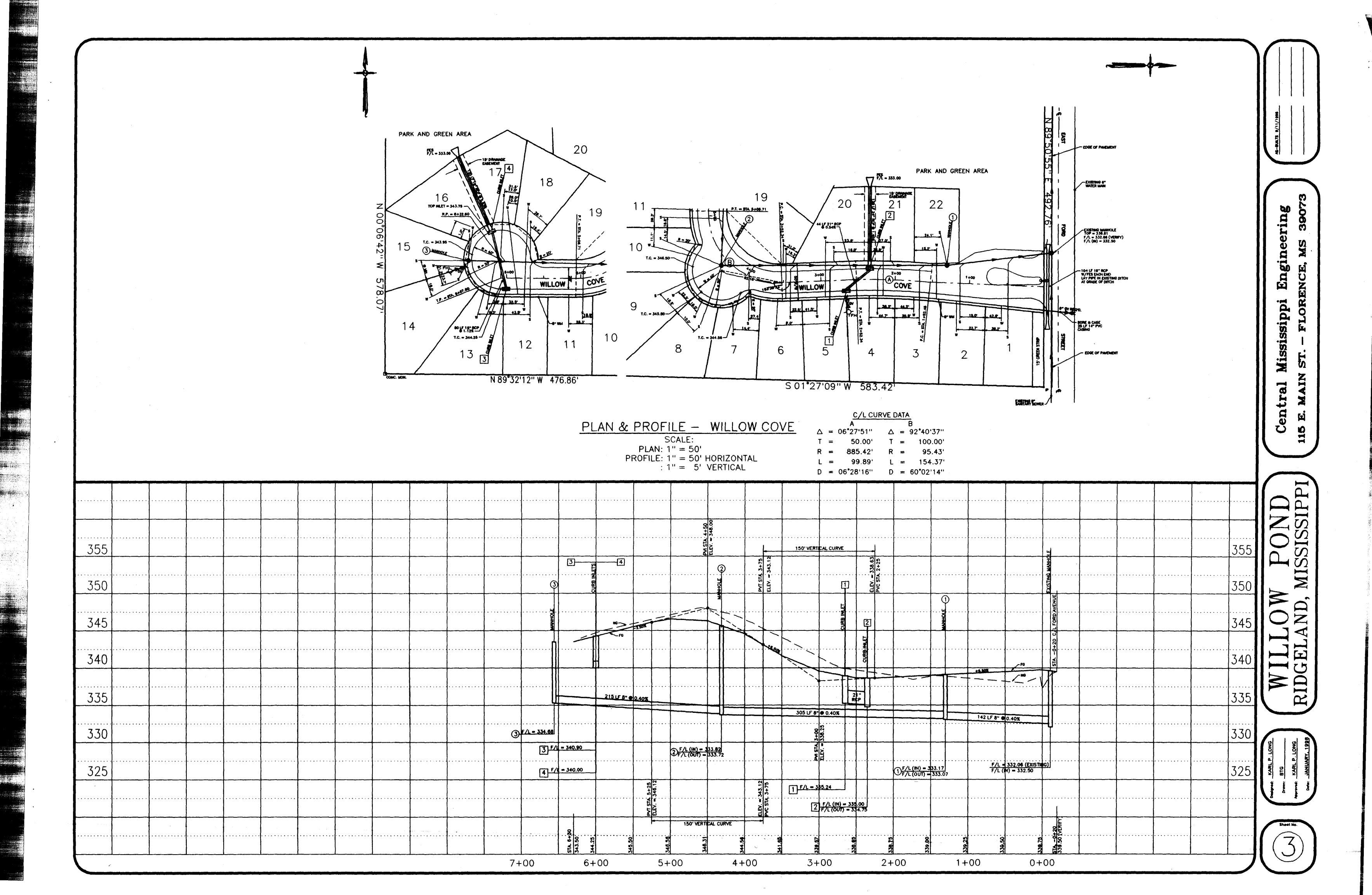
PI ENGINEERING, INC.

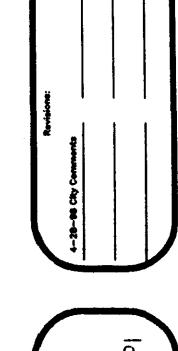
ENIKAL MISSISSIFFI E

WILLOW POND PINCET AND MISSISSIPP

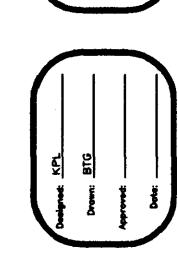




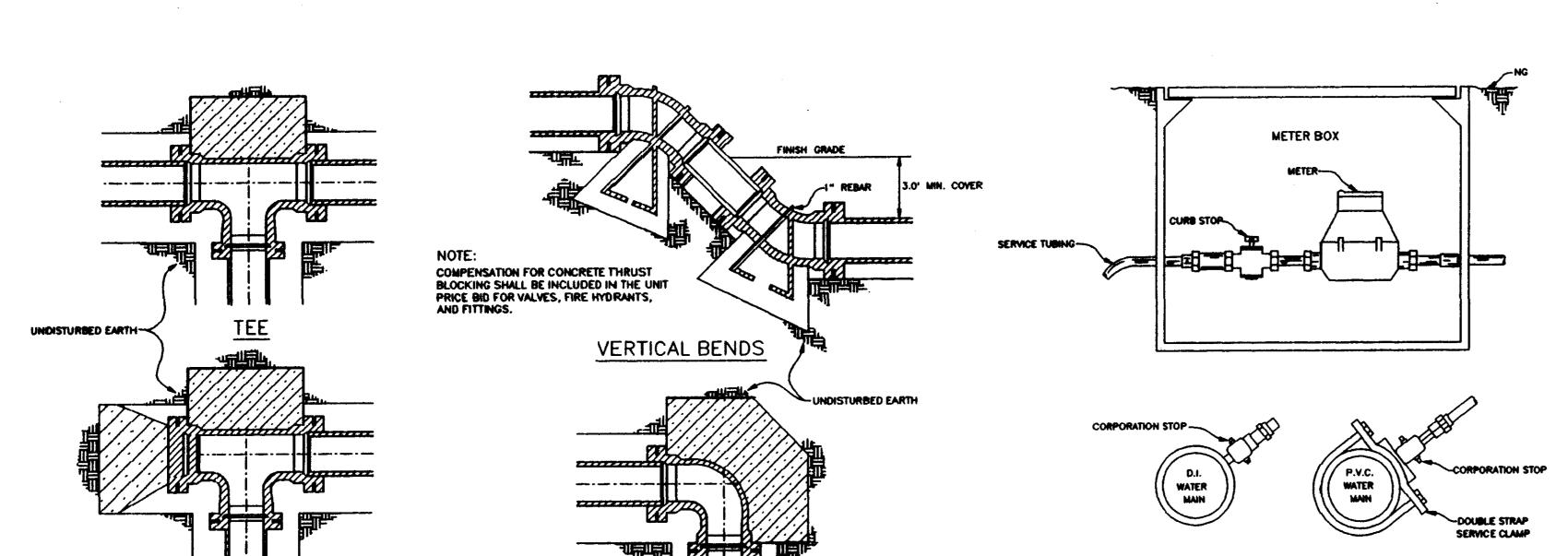




FLOREN(







<u>90° BEND</u>

TYPICAL BLOCKING

ON WATER MAIN

TYPICAL SERVICE ASSEMBLY

1. CITY OF RIDGELAND REQUIRES MUELLER H-10472 BRASS SERVICE CLAMPS.

2' MIN. # CREOSOTE TREATED TIMBER POST

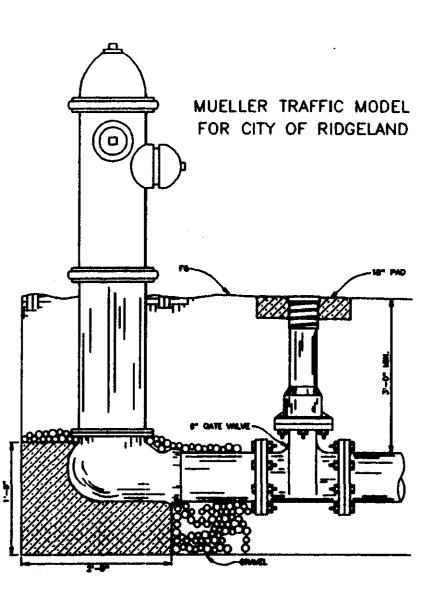
SERVICE MARKER DETAIL

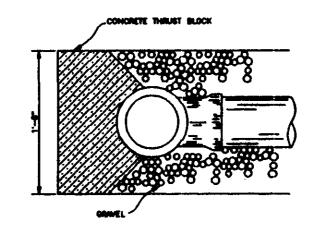
1. ALL F.H. INSTALLATION REQUIRES A D.I. ANCHOR COUPLING.

2. VALVE REQUIRED ON ALL FIRE

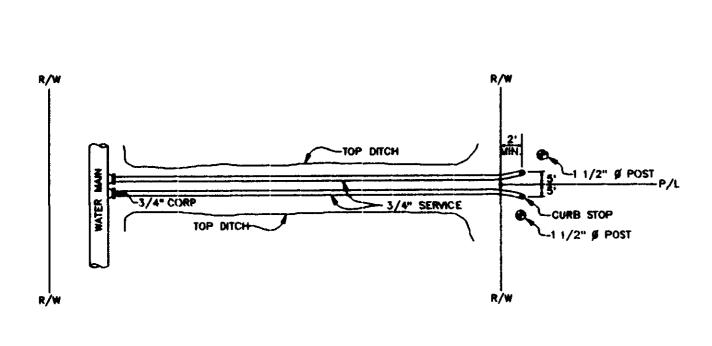
HYDRANT LEGS.

3. INSTALL BACKFLOW DEVICE ON FH LEG BETWEEN HYDRANT AND VALVE.





FIRE HYDRANT DETAIL



PLUGGED TEE

BEARING AREA IN SQ. FT.

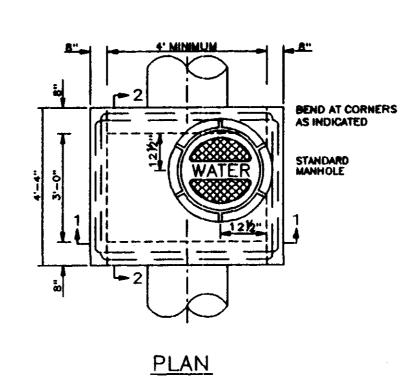
 2.0
 2.0
 2.0
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 3.0
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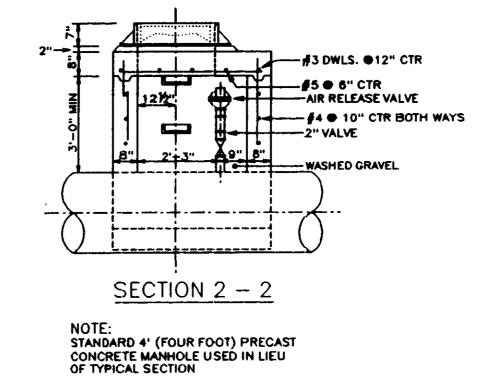
 8.0
 12.0
 6.0
 4.0
 4.0
 4.0

DOUBLE SERVICE DETAIL - WATER



#4 @ 10" CTR.--SECTION 1 - 1

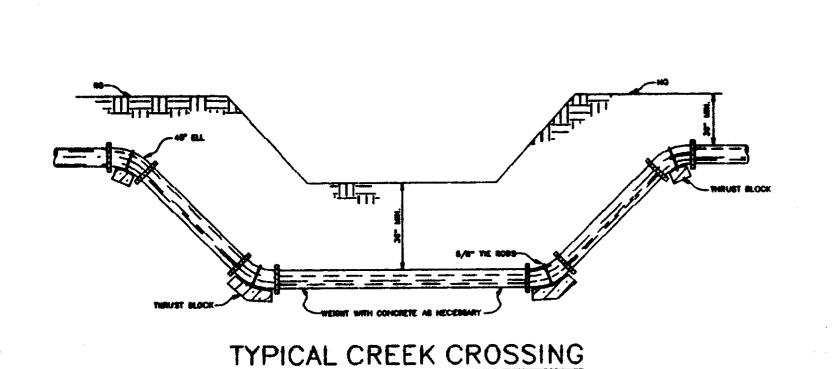
TYPICAL AIR RELEASE VALVE AND MANHOLE



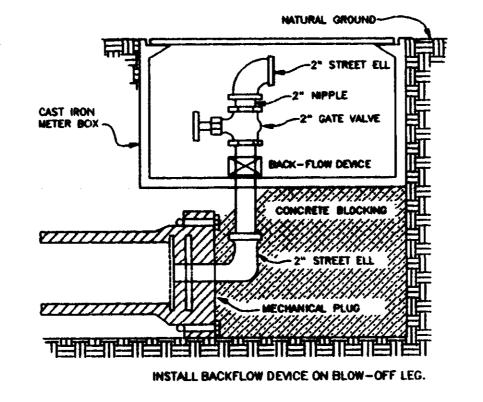
WATER SPECIFICATIONS

- 1 Water mains are to be thoroughly flushed and sterilized in accordance with AWWA Standard C-601. Proof of two (2) satisfactory bacteriological tests from the Mississippi State Board of Health Laboratory will be furnished to the ENGINEER. Samples for testing will be taken from each dead end line as applicable for testing.
- 2 Water mains are to be pressure tested in accordance with AWWA Standard C-600-77, Section 4 results to be furnished to the
- 3 Water mains to be C-900 PVC, Class 150, with 36" minimum
- 4 Fire Hydrants to be 3-way traffic model, Mueller A-423 or with NSF threads, with D.I. Anchor Couplings.
- 5 Gate valves to be standard AWWA with non-rising stems, iron bodies, bronze mounted and tested to 350 psi, Mueller or American. Gate valves to conform to the AWWA C500 specification. 6 - All services shall include Mueller corporation stop at the main, Mueller Mark II curb stop, and minimum 3/4"
- polybutylene tubing. 7-CROSSINGS-Sewers crossing water mains will be laid to provide a minimum vertical separation of 18 inches between the outside of each pipe. The crossing will be arranged so that the sewer joints will be equidistant and as far as possible from the water main. Sewers crossing over water mains shall have adequate
- 8-BACK-FLOW DEVICE A backflow preventer will be installed on each fire hydrant leg between the valve and the hydrant and on all blow-offs. Backflow preventer will be MODEL "D" as manufactured by CAY-VAL COMPANY, *

structural support to prevent damage to the water main.

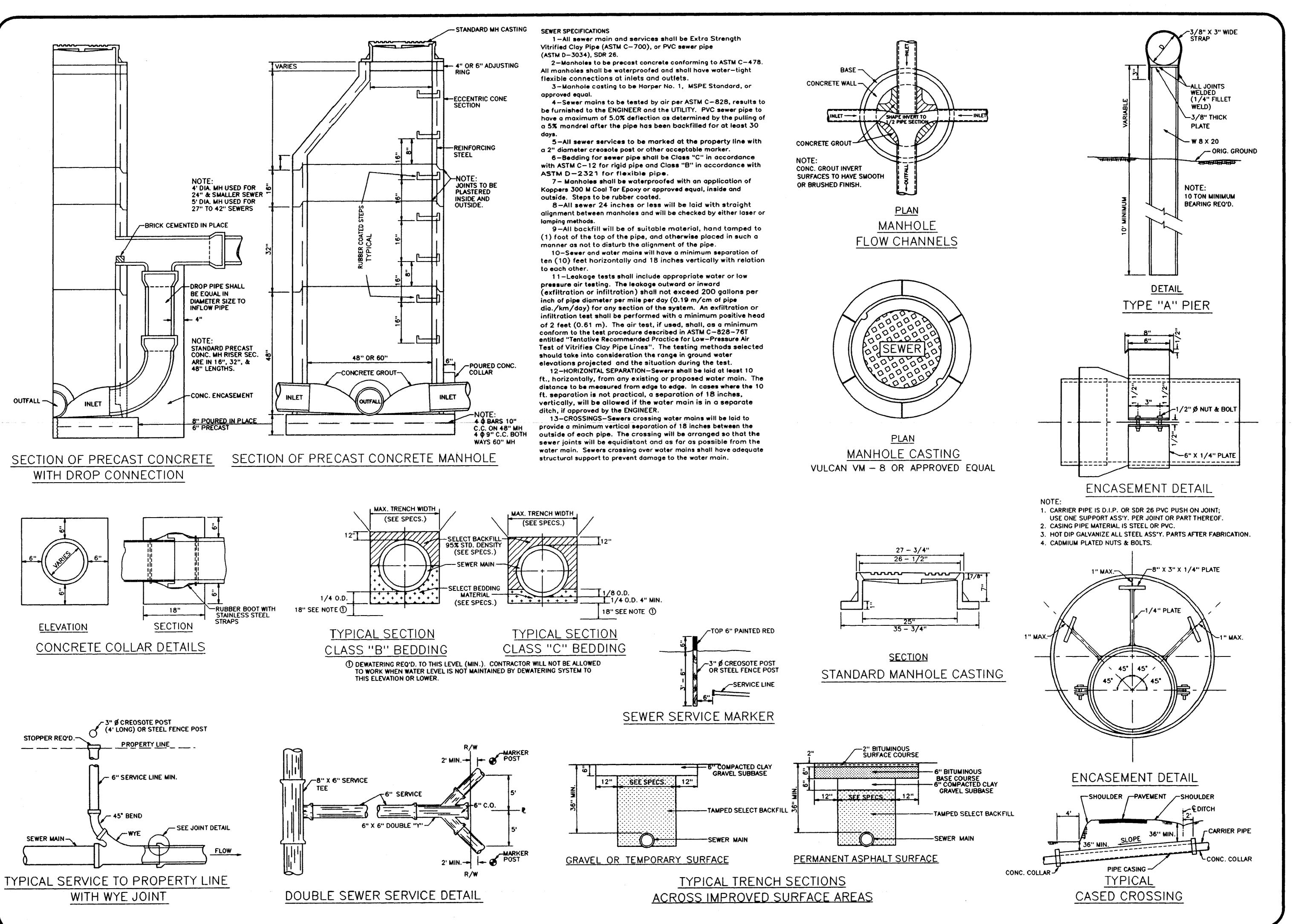


TYPICAL GATE VALVE DETAIL



TYPICAL BLOW - OFF ASSEMBLY

NOTE: ALL MATERIALS FOR CONSRUCTION OF BLOW - OFF ASSEMBLY SHALL BE OF 2" GALVANIZED FITTINGS & PIPE. 2" GATE VALVE CONSTRUCTED OF BRASS.

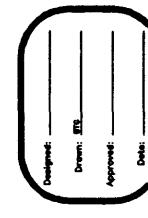


Revisions:
4-28-88 Cky Comments

ENGINEERING, INC. FLORENCE, MISSISSIPP

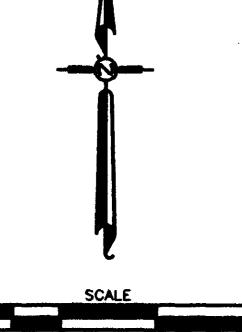
FN KAL MISSISSIFFI FN

STANDARD SEWER DETAILS



5

F/L = 332.41**FORD** - EDGE OF PAVEMENT N 89 50 55" E 492 76 = -L F/L = 331.15-PARK AND DETENTION AREA 1.791 ACRES P.C - STA 1 52.45 1.330, 15' DRAINAGE EASEMENT 8 12 N 89°32'12" W 476.86'



- 1 THIS PROPERTY IS SITUATED IN ZONES "AE" & "X" ACCORDING TO F.I.R.M. MAP NO. 280110-0320-D. DATED: APRIL 15, 1994.
- 2 ELEVATIONS ARE NGVD BASED ON RM 263. BASE FLOOD ELEVATION IS 331.0 NGVD.

EROSION CONTROL CONSTRUCTION PROCEDURES

- 1. GENERAL Structural Controls (hay bales, silt fence, etc.) to be installed as soon as possible after site clearing is
- BASE PAVING IS INSTALLED completed. Vegetative controls (seeding, sodding, etc.) to be installed upon completion of construction. 2. INLETS TO BE ADEQUATELY 2. STRUCTURAL CONTROLS RINGED WITH BALES - MINIMUM SIX (6) BALES PER INLET

1. HAY BALES AROUND INLETS

TO BE MAINTAINED UNTIL

INDICATES HAY BALES

INDICATES SILT FENCE

CONSTRUCTION

MATERIAL TO BE "TYPAR"

3341 OR APPROVED EQUAL. SUPPORTS TO BE

10' O/C MAX. MAINTAIN THROUGHOUT DURATION OF

ADEQUATELY SECURED TO

MINIMUM SIX (6) BALES PER

INSTALLATION. BALES TO BE

TO BE MAINTAINED THROUGHOUT

DURATION OF CONSTRUCTION

PREVENT MOVEMENT - INSTALLATIONS

- A. Silt fence material to be TYPAR 3341 or approved equal. Fence supports to be on 10 foot maximum spacings. Construct fence per detail on drawing. B. Hay bales should be fresh (same year) baled with bindings adequate to hold bale shape. Bales should be fitted together or double stacked to ensure silt retention. Bale stakes to be minimum 2"x2"x30" stakes with a minimum of two (2) stakes per bale. Place one (1) bale in gutter line, as required on steep slopes, to dissipate velocity.
- 3. MAINTENANCE A. SILT FENCE - All fencing to be thoroughly checked weekly and after each rain. Silt build-up of one (1) foot or more to be removed and re-placed on-site as required or disposed of off-site using an approved disposal area. Re-bury "tail" of fabric as required. B. HAY BALES — All hay bales to be checked weekly and after each rain. Bales to be re-positioned and re-

the report.

- staked if required to insure integrity of structure. Silt build-up of 1/2 to 2/3 of bale height will be removed and replace on—site as required or disposed of off-site using an approved disposal area. C. OFF-SITE - Adjacent streets, walks, gutters, etc. will be inspected and cleared on a weekly basis. During periods of rain, the cleaning will take place daily. Seed and fertilize all disturbed areas outside of street area with applicable seasonal seed and rates as soon as possible after installation of utilities.
- 4. MONITORING All controls will be inspected on a weekly basis and after reach rain. Inspection reports to be filled out and submitted monthly per the permit requirements. A rain gauge will be placed on the site and will be read during each inspection. In lieu of the rain gauge, the inspector may monitor local weather reports (radionewspaper) daily and determine amount of rainfall for
- 5. COMPLETION OF CONSTRUCTION Upon completion of construction, final controls will be put into practice within seven (7) days. Final controls include upgrade of hay bales and silt fence, as required, and seeding and sodding of the site. Inspection and reporting to continue for a minimum of eight (8) weeks or until final controls are successful. Provide for individual lot erosion controls thru language in covenants or language
- 6. TEMPORARY WASTE DISPOSAL Conform to all applicable State and Local regulations concerning portable toilets and solid waste disposal.

in sales contracts or deeds.

7. MISCELLANEOUS Conform to all applicable municipal or other local storm water managements requirements or ordinances.

EROSION CONTROL PLAN



