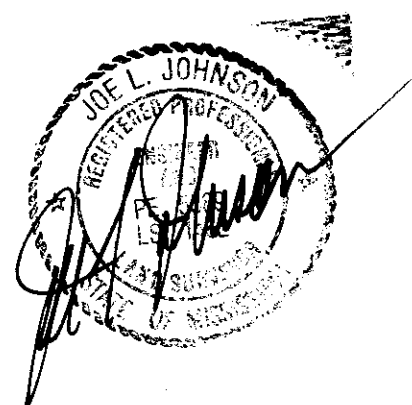
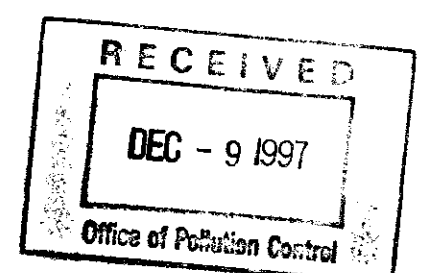
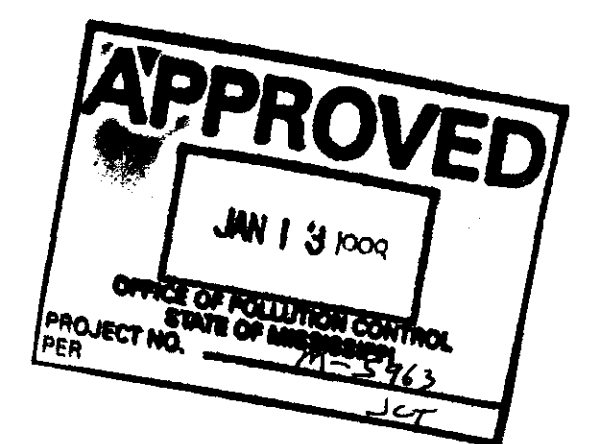


**HILLVIEW SUBDIVISION
SANITARY SEWER IMPROVEMENTS
CITY OF RIDGELAND
MADISON COUNTY, MISSISSIPPI**



PREPARED BY
ENGINEERING ASSOCIATES, INC.
PEARL/JACKSON, MISSISSIPPI

PWP-00831

B.M. ELEV. 374.75 M.S.L.
 C.O.G. = 10' RISE OVER 100' IN NORTH CASE OF
 37' HIGHWAY 420' SOUTH OF CARLTON BLVD.
 C.O.G. = 26' RISE OVER 100' IN FIELD (VERIFY)

B.M. ELEV. 394.40 M.S.L.
 C.O.G. = 10' RISE OVER 100' IN NORTH CASE OF
 37' HIGHWAY 420' SOUTH OF CARLTON BLVD.
 C.O.G. = 26' RISE OVER 100' IN FIELD (VERIFY)

NOTES:

1. THE EXISTING UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THE EXISTING UTILITIES (POWER, TELEPHONE, GAS, WATER, SEWER, ETC.) WITH THE APPROPRIATE UTILITY COMPANY BEFORE CONSTRUCTION BEGINS.
2. ANY UTILITY OR SERVICE LINE ENCOUNTERED DURING CONSTRUCTION, WHETHER SHOWN ON PLANS OR NOT, SHALL BE PROTECTED BY THE CONTRACTOR AT NO COST TO THE CITY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING HORIZONTAL AND VERTICAL CLEARANCES ON ALL UTILITY CROSSINGS BEFORE INSTALLATION.
4. ALL FENCES REMOVED OR DAMAGED DURING CONSTRUCTION OF THE SEWER MAIN SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER (NOT A PAY ITEM).
5. THE CUT ZONES SHOWN HEREON WILL BE THE BASIS FOR FINAL PAYMENT UNLESS A CHANGE AUTHORIZED BY THE ENGINEER IS MADE IN THE ALIGNMENT OR GRADE OF THE SEWER MAIN.
6. UNLESS OTHERWISE NOTED, PERMANENT SURFACE REMOVAL AND RESTORATION QUANTITIES SHALL BE CALCULATED BY THE CONTRACTOR ON SECTION 02130 OF THE SPECIFICATIONS. ANY PERMANENT SURFACE OUTSIDE THE LIMITS SET FORTH IN SAID TABLE "1" THAT IS DAMAGED DURING CONSTRUCTION OF THE SEWER MAIN SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER AT THE CONTRACTOR'S EXPENSE.
7. SIMULTANEOUSLY WITH THE INSTALLATION OF THE SEWER MAIN, THE CONTRACTOR SHALL INSTALL ALL REQUIRED SEWER SERVICES AT A LOCATION AND DEPTH REQUIRED TO SERVE THE EXISTING RESIDENCES ALONG THE WEST SIDE OF THE SEWER MAIN.
8. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL OFFICIAL SURVEY MONUMENTS, PROPERTY CORNERS, SECTION, MARKET AND ELEVATION BENCH MARKS OR OTHER SIMILAR MARKERS.
9. NO EXCAVATION OR STOCKPILING OF EXCAVATED MATERIALS SHALL BE PERMITTED UNDER THE DRAINAGE OF ANY TREE ALONG THE WEST LINE OF THE EASEMENT.

HILLVIEW DRIVE

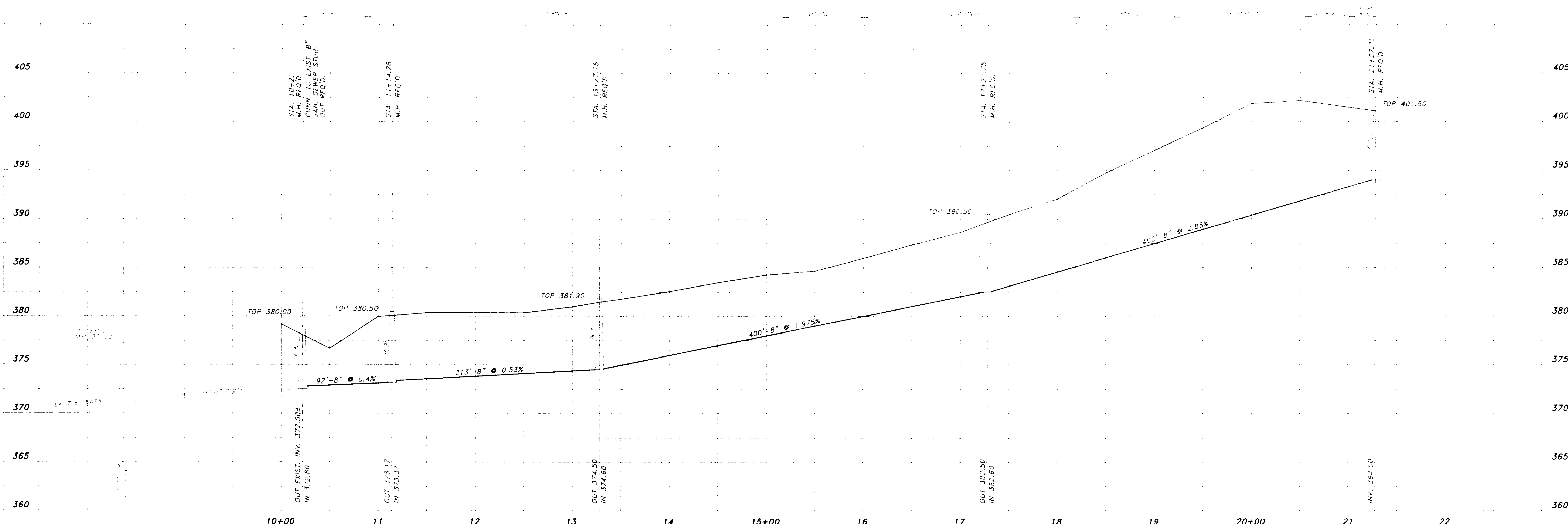
STEED ROAD

HILLVIEW SUBDIVISION

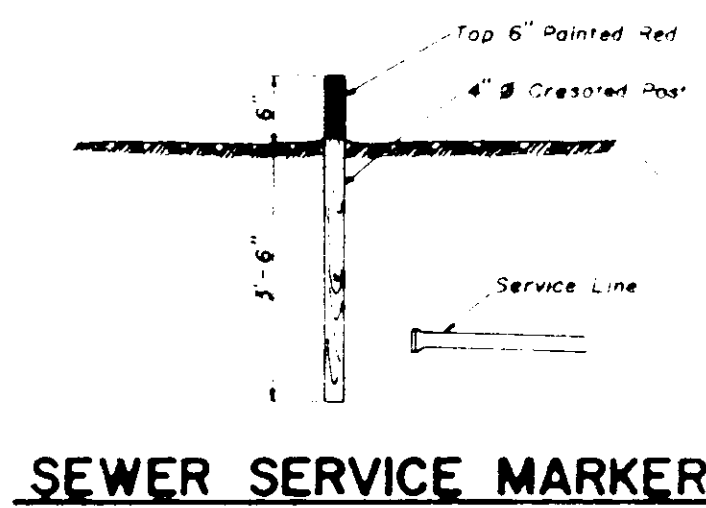
CARLTON PARKE, PART 1

FUTURE CARLTON PARKE, PART 2

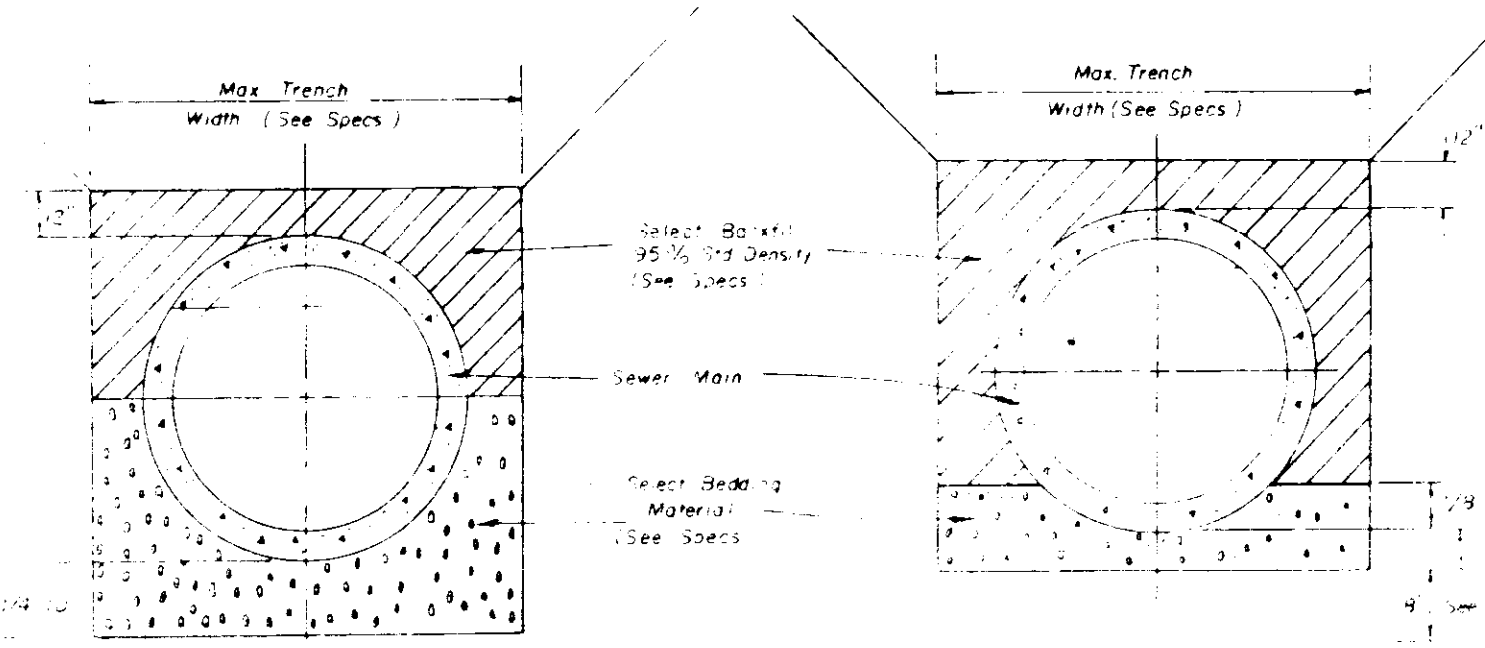
NOTE: THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND INV. OF THE EXISTING 8" STUB-OUT BEFORE BEGINNING CONSTRUCTION OF THE SANITARY SEWER MAIN. IF CHANGE IN LOCATION OR GRADE IS ENCOUNTERED THE CONTRACTOR SHALL ADVISE THE ENGINEER FOR DIRECTION.



<table border="0"> <tr><td>DESIGNED</td><td>J.L.W.</td><td>DATE</td><td>11-97</td></tr> <tr><td>DRAWN</td><td>J.B.</td><td>SCALE</td><td>1" = 40'</td></tr> <tr><td>CHECKED</td><td>J.L.W.</td><td>JOB NO.</td><td>975</td></tr> </table>	DESIGNED	J.L.W.	DATE	11-97	DRAWN	J.B.	SCALE	1" = 40'	CHECKED	J.L.W.	JOB NO.	975	<p>ENGINEERING ASSOCIATES, INC. Consulting Engineers</p>				<table border="0"> <tr><td>OWNER</td><td>CITY OF RIDGELAND, MISSISSIPPI</td></tr> <tr><td>PROJECT TITLE</td><td>HILLVIEW SUBDIVISION SAN. SEWER IMPROVEMENTS</td></tr> <tr><td>DRAWING TITLE</td><td>PLAN & PROFILE</td></tr> <tr><td>PROJECT NO.</td><td></td></tr> <tr><td>CONTRACT</td><td></td></tr> <tr><td>SHEET</td><td>1</td></tr> </table>	OWNER	CITY OF RIDGELAND, MISSISSIPPI	PROJECT TITLE	HILLVIEW SUBDIVISION SAN. SEWER IMPROVEMENTS	DRAWING TITLE	PLAN & PROFILE	PROJECT NO.		CONTRACT		SHEET	1
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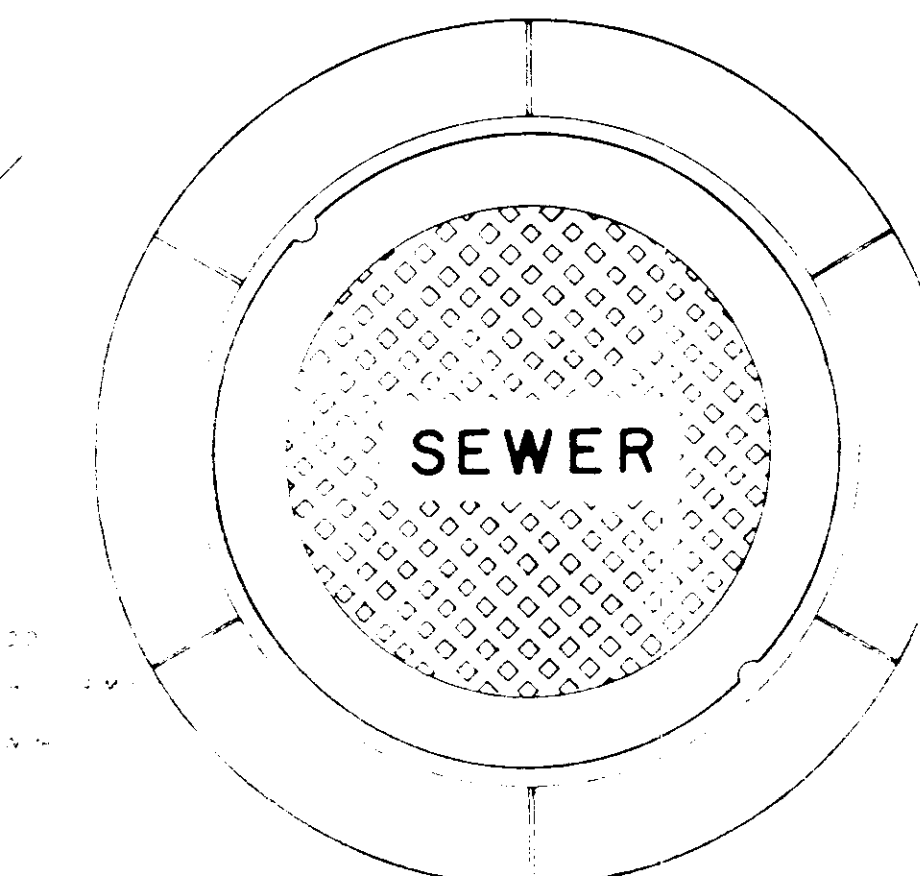


SEWER SERVICE MARKER

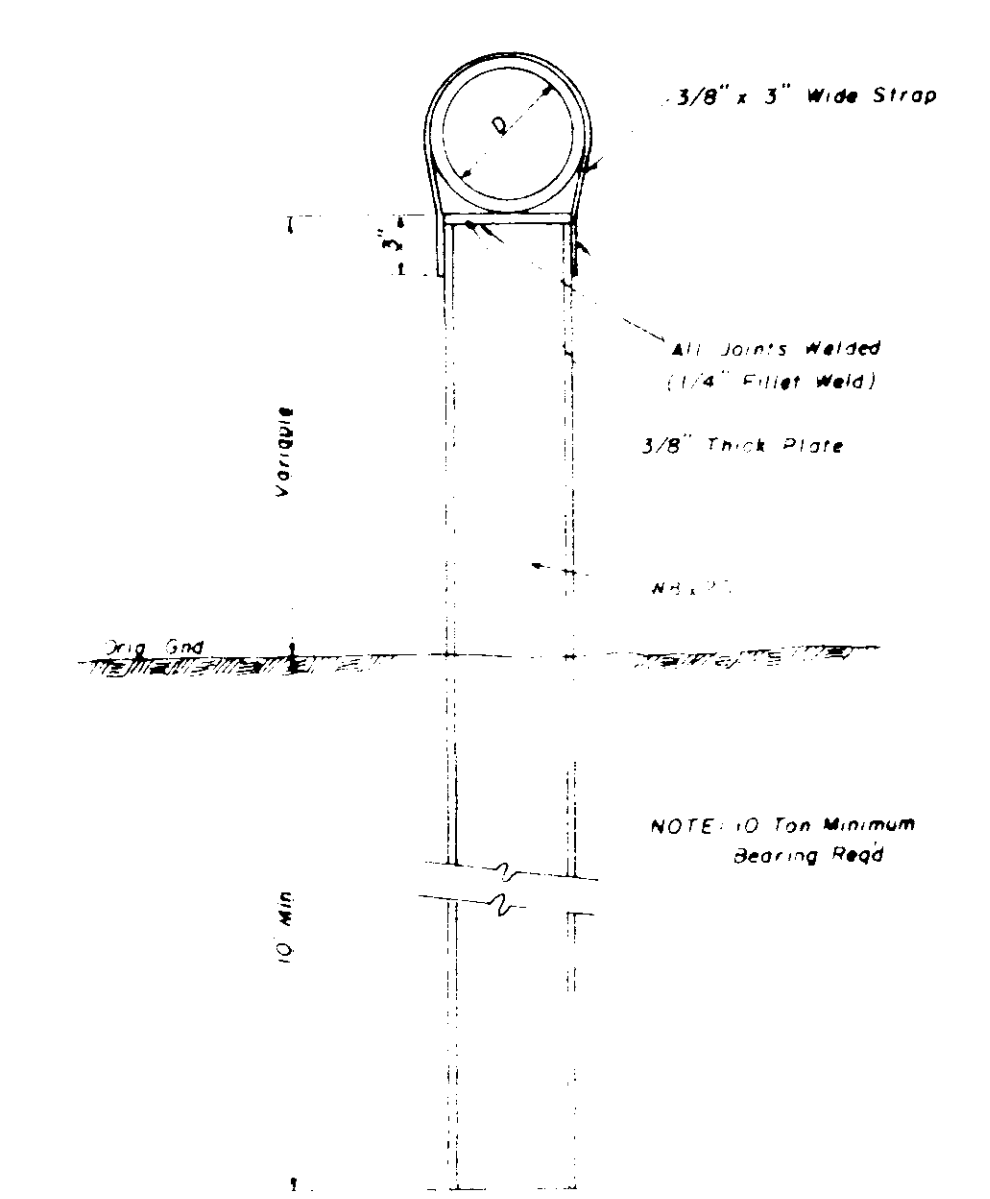


TYPICAL SECTION CLASS "B" BEDDING

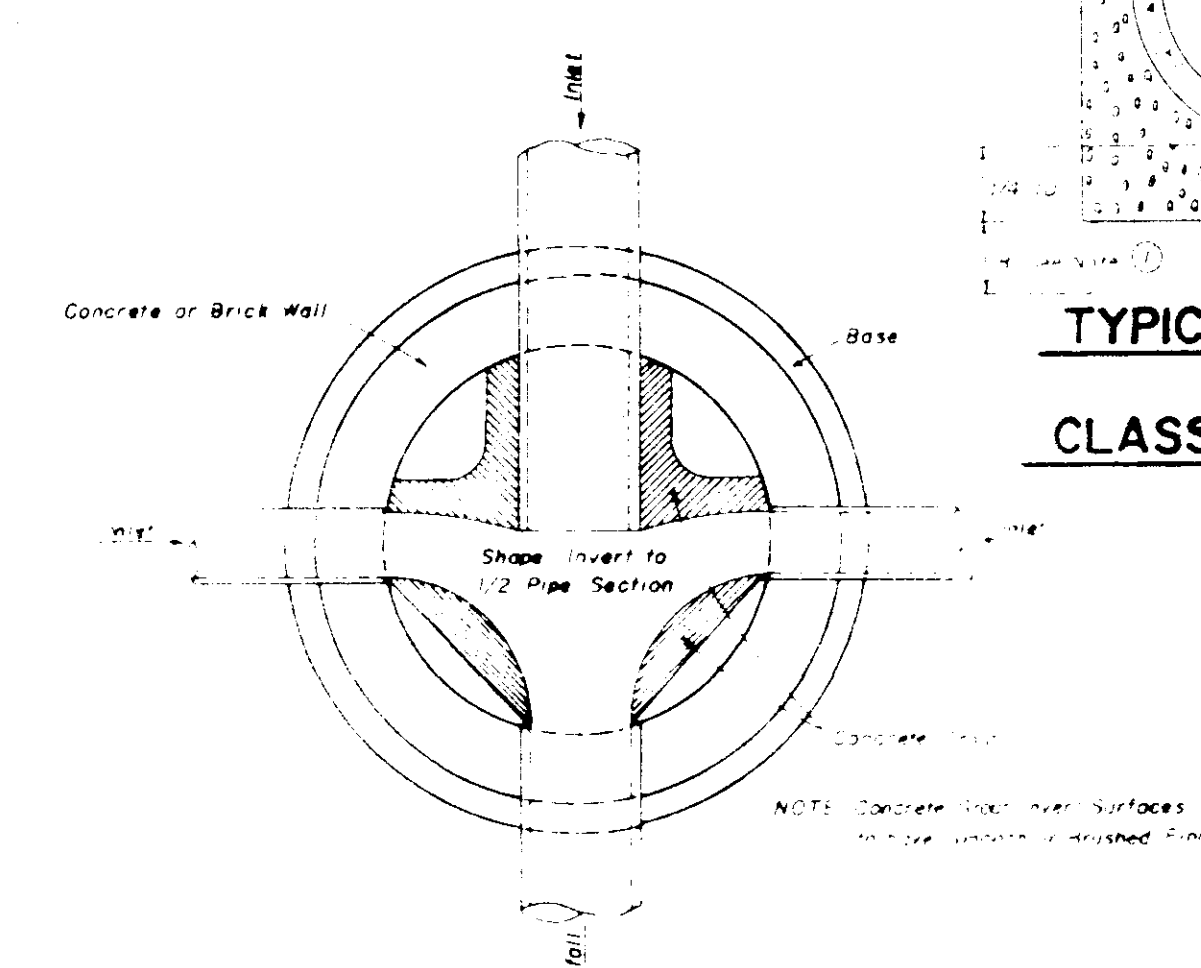
TYPICAL SECTION CLASS "C" BEDDING



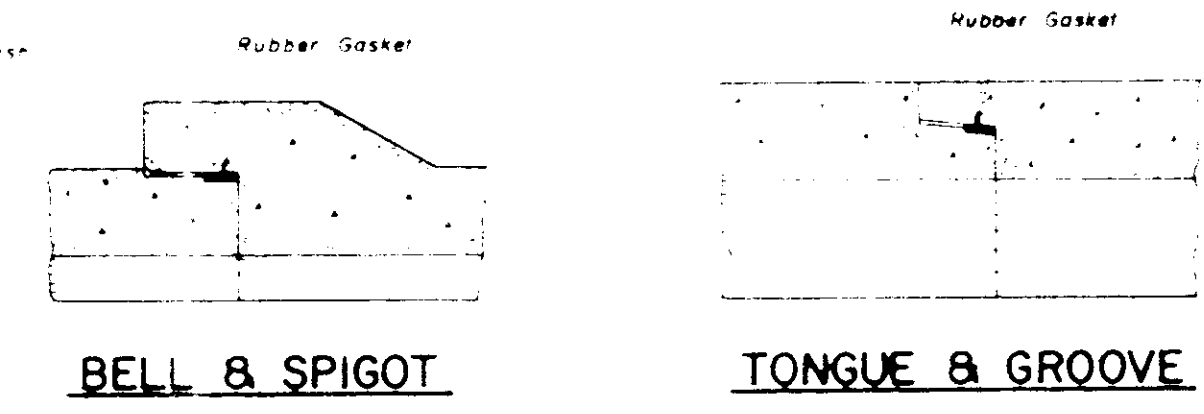
PLAN MANHOLE CASTING



DETAIL TYPE "A" PIER



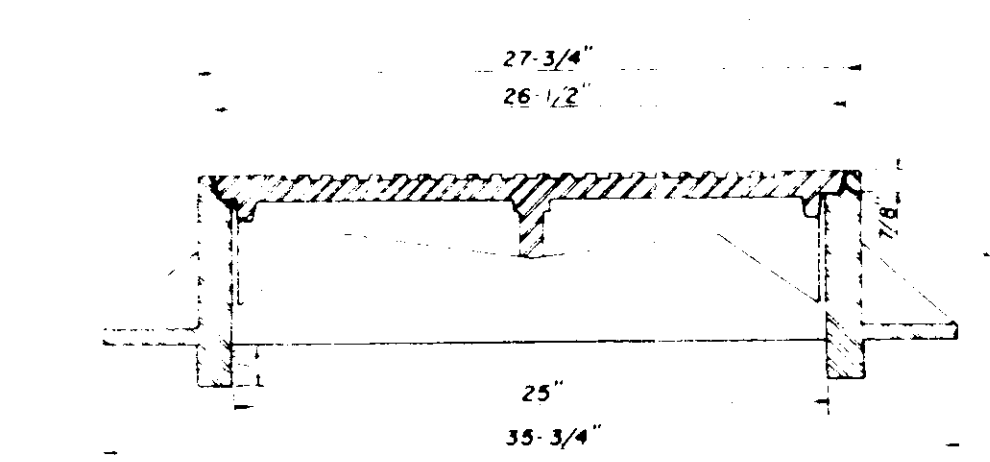
PLAN OF MANHOLE FLOW CHANNELS



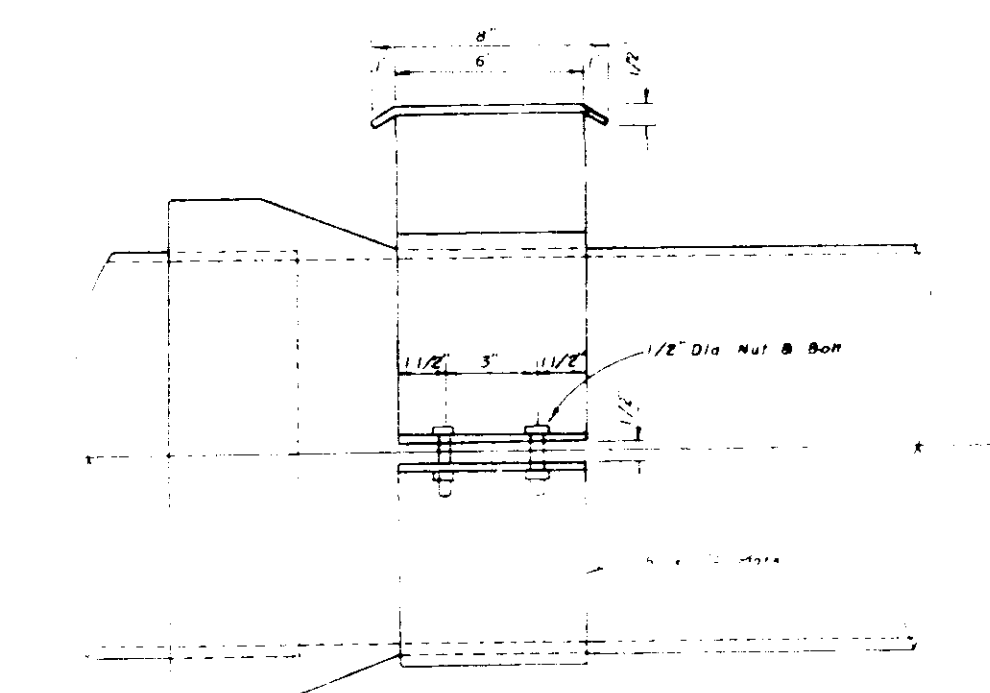
BELL & SPIGOT

TONGUE & GROOVE

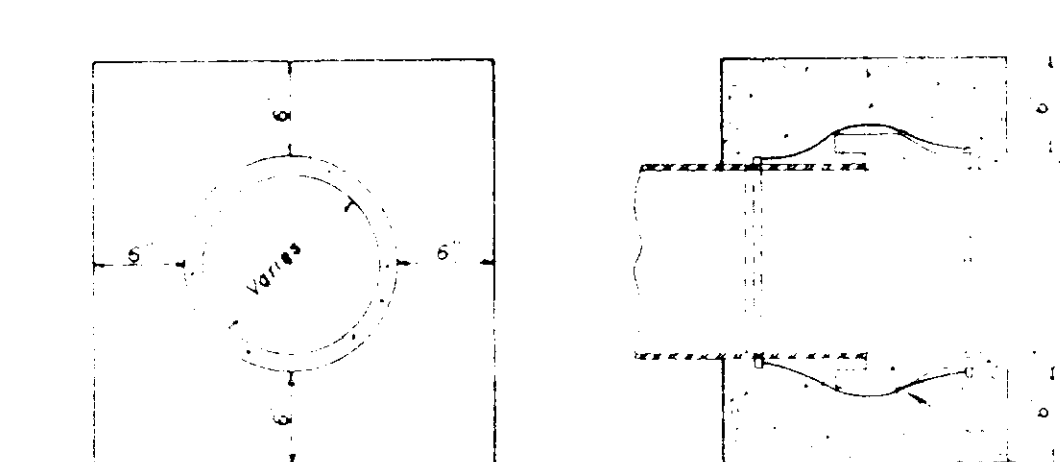
JOINT DETAILS



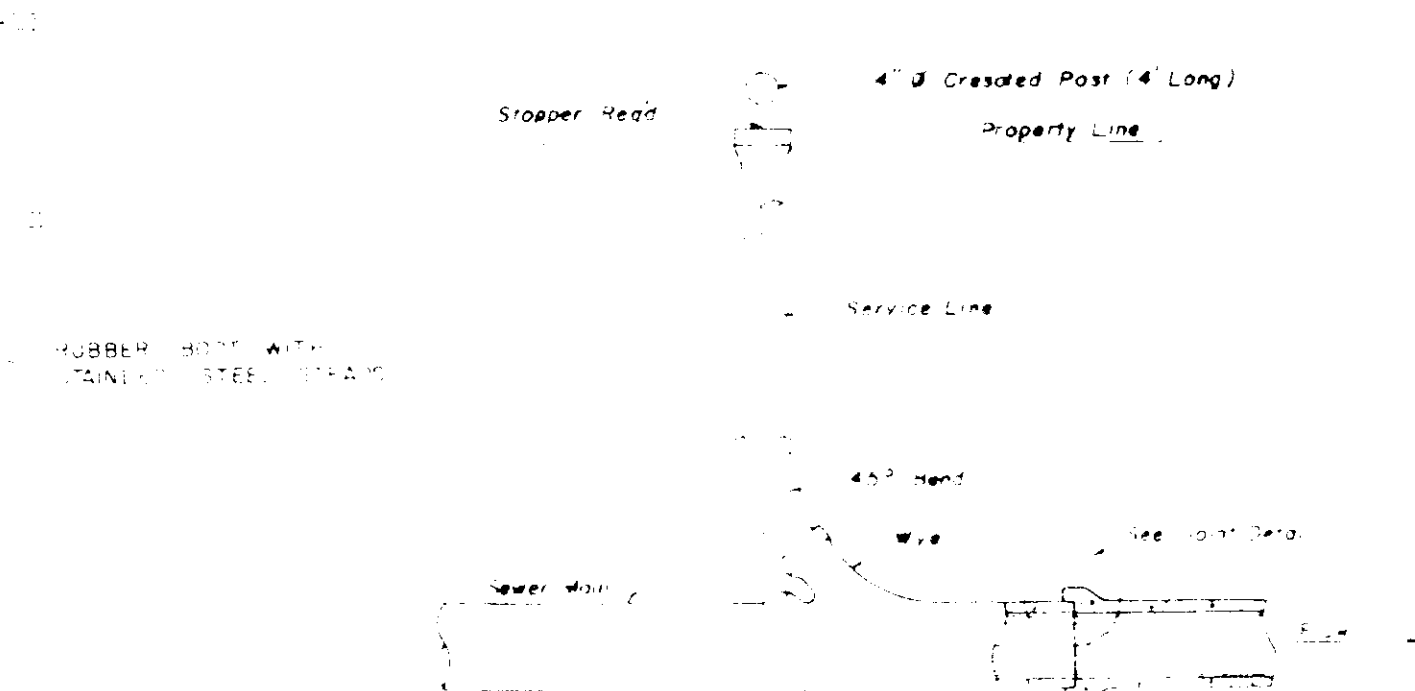
SECTION TYPE "A" MANHOLE CASTING



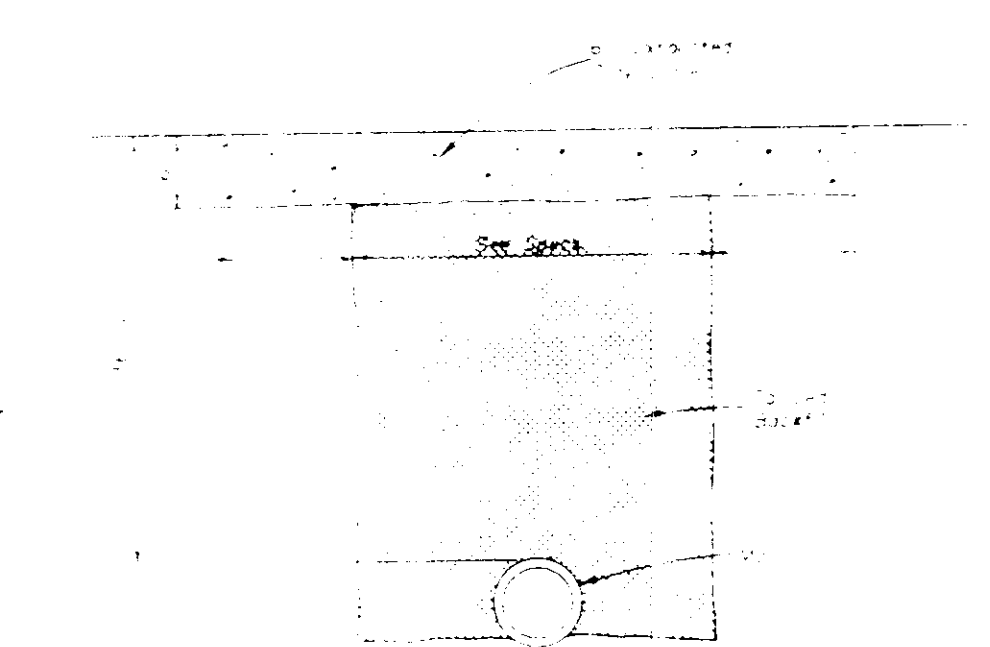
ENCASEMENT DETAIL



ELEVATION SECTION CONCRETE COLLAR DETAILS

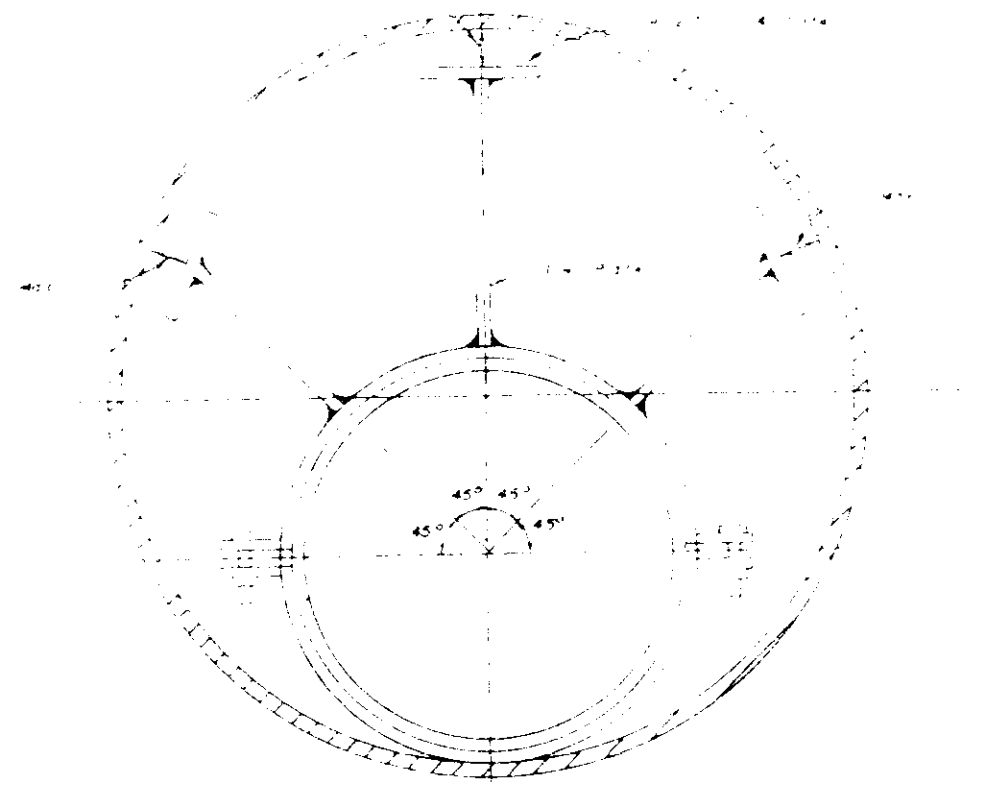


TYPICAL SERVICE TO PROPERTY LINE WITH WYE JOINT

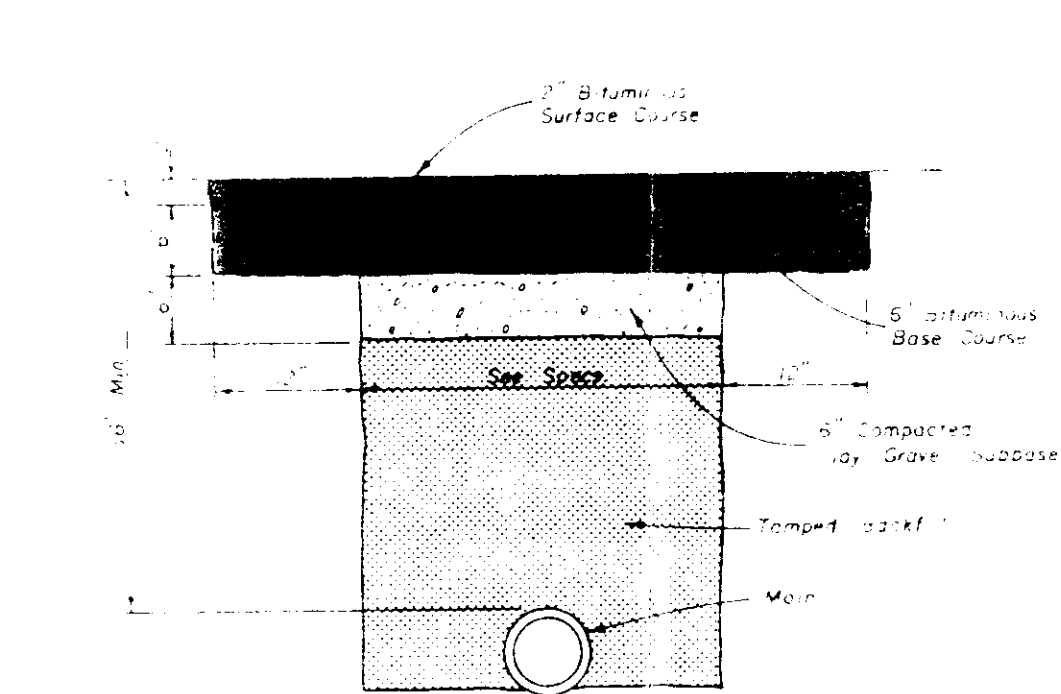


GRAVEL OR TEMPORARY SURFACE

NOTES:
 1. BARBER PIPE IS D.I.P. PUSH ON JOINT USE THE SHORTEST PIPE PER JOINT OR PART THEREOF.
 2. SAND OR MATERIAL IS STEEL.
 3. ALL PIPE JOINTS ALL STEEL ASSEMBLY PARTS WATER TIGHT.
 4. USE 1/2" DIA. NUTS & BOLTS.

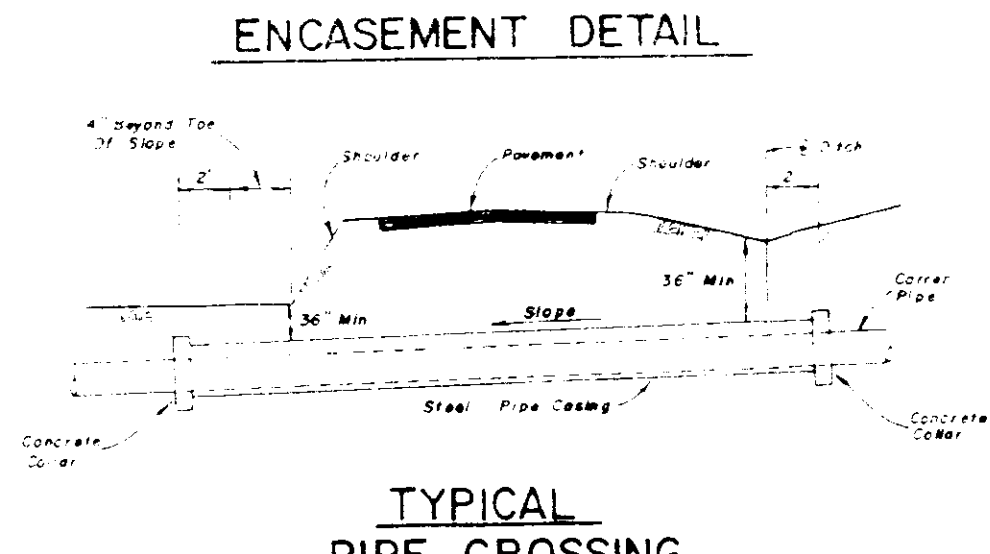


ENCASEMENT DETAIL

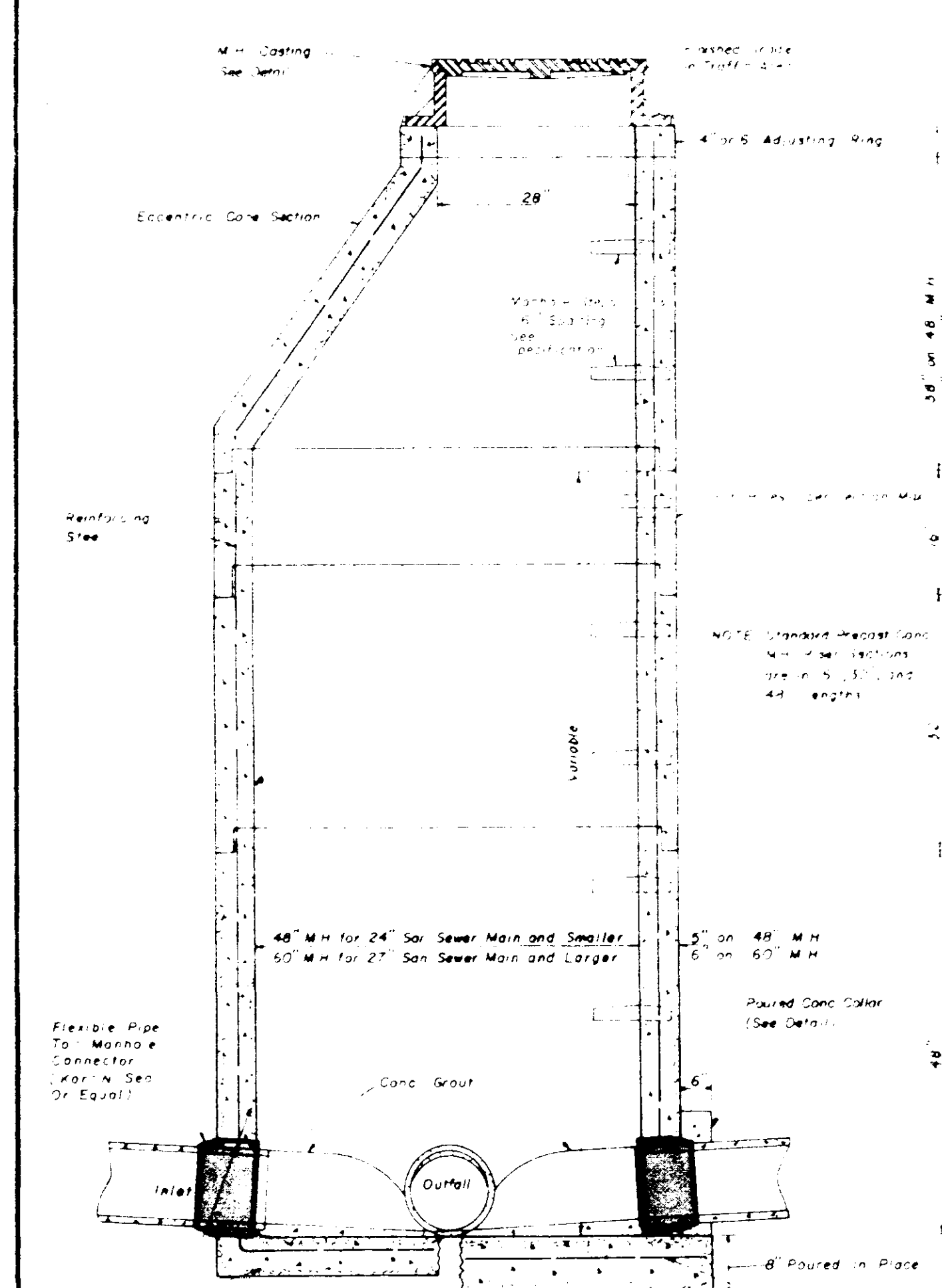


PERMANENT ASPHALT SURFACE

TYPICAL TRENCH SECTIONS ACROSS IMPROVED SURFACE AREAS



TYPICAL PIPE CROSSING



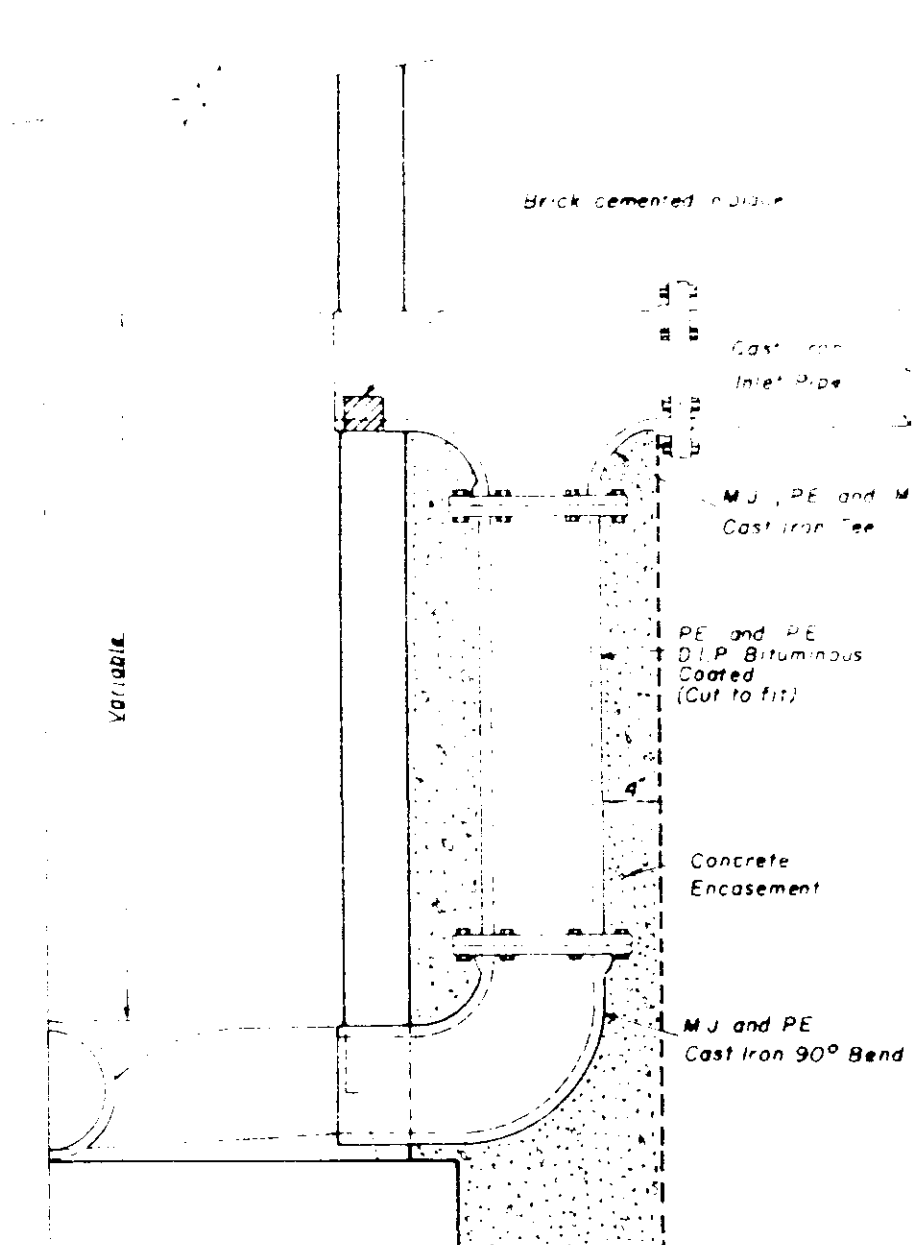
SECTION PRECAST CONCRETE MANHOLE

NOTE: All Lift Holes on each Section shall be sealed watertight with non-shrink Grout inside joint.

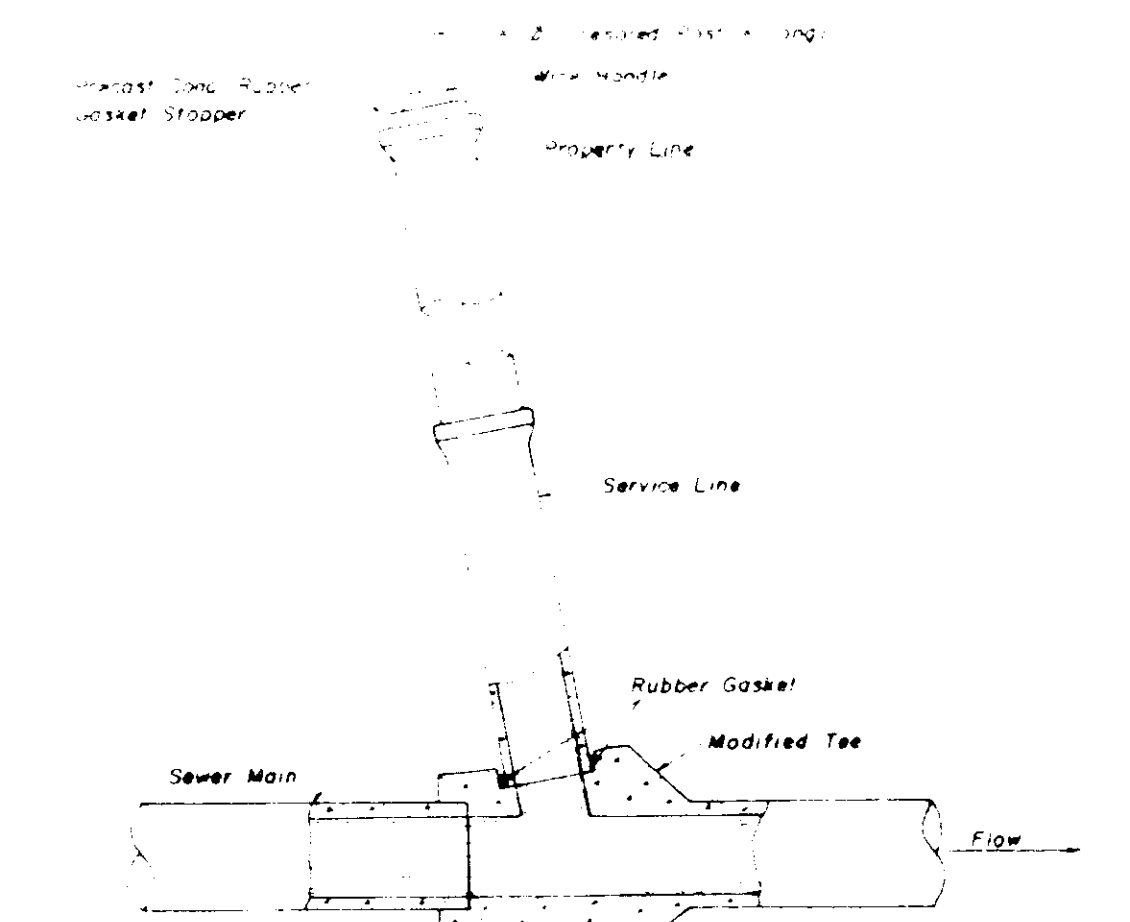
NOTE: Standard Precast Concrete Manhole Sections are in 15', 20', and 25' lengths.

NOTE: All Manhole Connections to Rubber Gasket.

No. 4 B. Bars 2' O.C. on 48" M.H.
 No. 4 B. Bars 3' O.C. on 60" M.H.



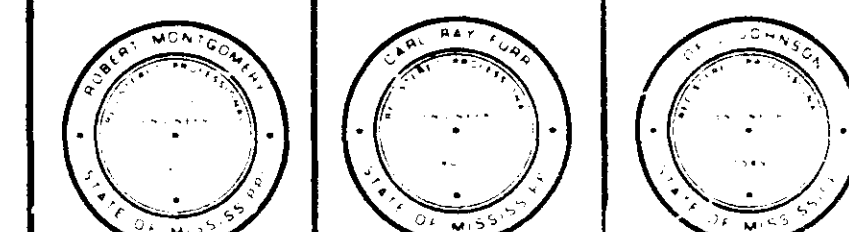
HALF SECTION MANHOLE WITH DROP CONNECTION



TYPICAL SERVICE TO PROPERTY LINE WITH MODIFIED TEE JOINT

DESIGNED	J.L.C.	DATE	11-57
DRAWN	J.B.	SCALE	N.T.S.
CHECKED	J.L.C.	JOB NO.	9705
DATE	NATURE	BY	APPD
REVISIONS			

ENGINEERING ASSOCIATES, INC.
 Consulting Engineers



OWNER
CITY OF RIDGELAND, MISSISSIPPI

PROJECT TITLE
HILLVIEW SUBDIVISION SAN. SEWER IMPROVEMENTS

DRAWING TITLE
SEWER CONSTRUCTION DETAILS

PROJECT NO.
 CONTRACT SHEET
2