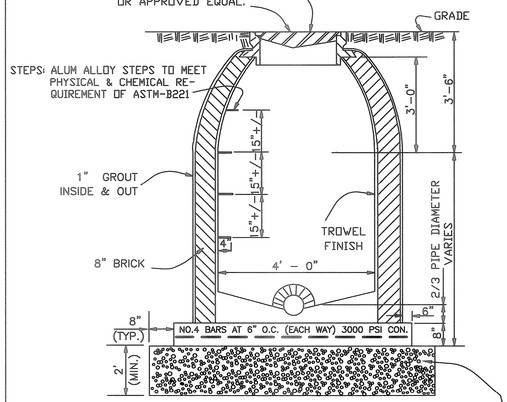
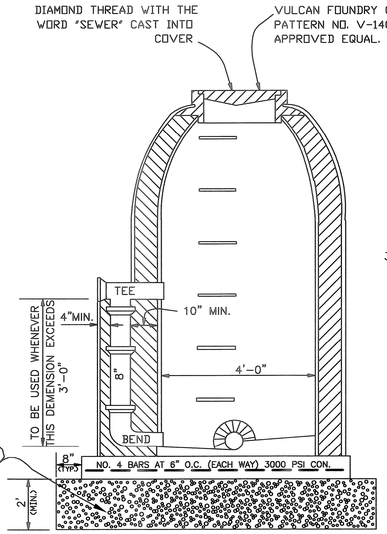


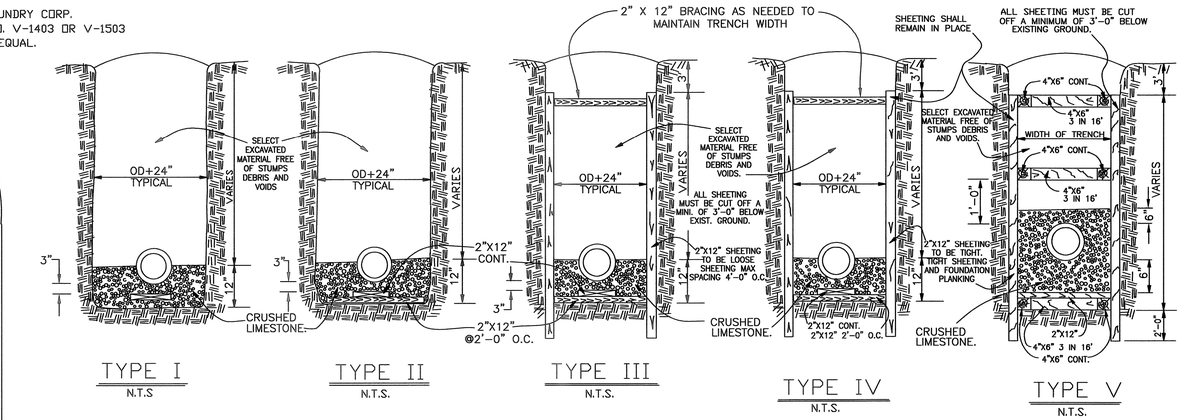
STANDARD SEWER MANHOLE

N.T.S.



DROP SEWER MANHOLE

N.T.S.



SANITARY SEWER STANDARD TRENCH DETAILS

N.T.S.

NOTE:

TIMBER SHEETING AND BRACING SHOWN ABOVE ARE MIN. REQUIREMENTS TO CONTROL THE WIDTH OF THE EXCAVATED TRENCH AND TO SAFEGUARD THE INTEGRITY OF THE SEWER FOUNDATION, BEDDING AND BACKFILL. IN ADDITION TO THESE MIN. REQUIREMENTS, THE CONTRACTOR SHALL PROVIDE SUFFICIENT SHEETING AND BRACING TO PROVIDE SAFE WORKING CONDITIONS FOR HIS WORKMEN.

SEWERAGE BEDDING TYPE VS DEPTH (FEET)

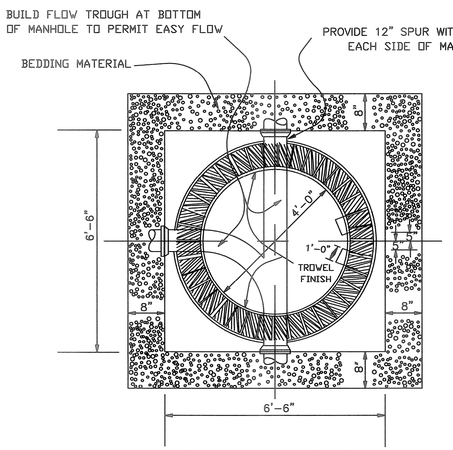
SOIL TYPE	0-4	4-6	6-8	8-10
17	I	II	III	V
6	I	II	III	V
16	II	II	III	V
14	II	II	III	V
13	II	II	III	V
3	II	III	IV	V
9	II	III	IV	V
5	II	III	IV	V
20	II	III	IV	V
18	II	III	IV	V
4	II	III	IV	V
1	II	III	IV	V
11	II	III	IV	V
2	II	III	IV	V
8	II	III	IV	V

BACKFILL WITH SELECT EXCAVATED MATERIAL FREE OF STUMPS, DEBRIS, AND VOIDS. BACKFILL MATERIAL BENEATH AND WITHIN 24 INCHES OF ROADWAY PAVING SHALL CONSIST OF PUMP RIVER SAND COMPACTED BY FLOODING TO 97% MAXIMUM DENSITY. CONTINUOUS NON-WOVEN GEOTEXTILE MATERIAL SHALL BE PLACED OVER BOTH THE PIPE AND THE TOP OF THE BEDDING MATERIAL. THE FABRIC SHALL EXTEND 12 INCHES ABOVE THE TOP OF THE PIPE ALONG THE TRENCH WALLS WITH A 24 INCH OVERLAP BETWEEN SHEETS.

NOTE:

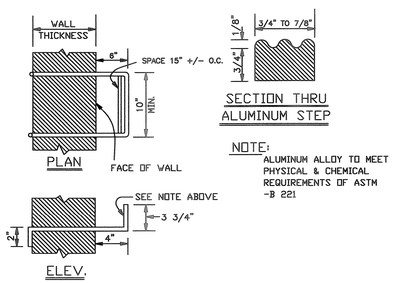
BEDDING MATERIALS FOR HOUSE CONNECTIONS TO BE IN CONFORMANCE WITH THE FOLLOWING SCHEDULE.

TYPE OF MAIN SEWER BEDDING	TYPE OF REQUIRED HOUSE CONNECTION BEDDING
V	IV
IV	III
III	II
II	I
I	CRUSHED LIME STONE OR GRAVEL ONLY



TYPICAL SEWER MANHOLE BOTTOM

N.T.S.



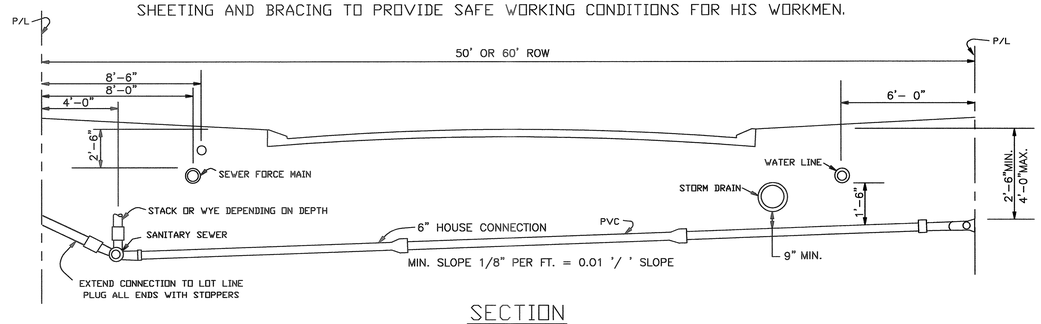
DETAIL OF ALUMINUM ALLOY STEPS FOR MANHOLES

N.T.S.

SECTION THRU ALUMINUM STEP

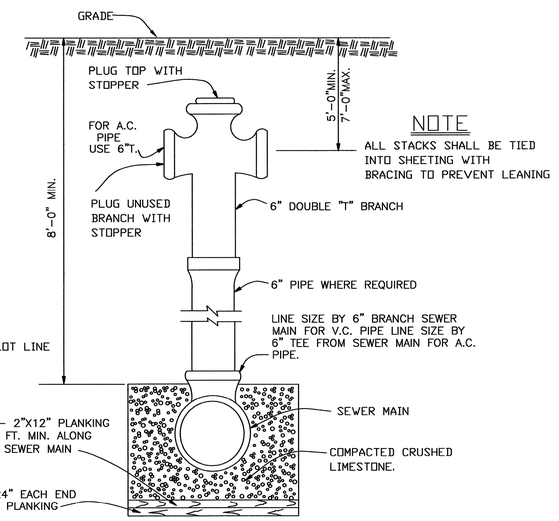
NOTE:

ALUMINUM ALLOY TO MEET PHYSICAL & CHEMICAL REQUIREMENTS OF ASTM -B 221



SECTION

N.T.S.

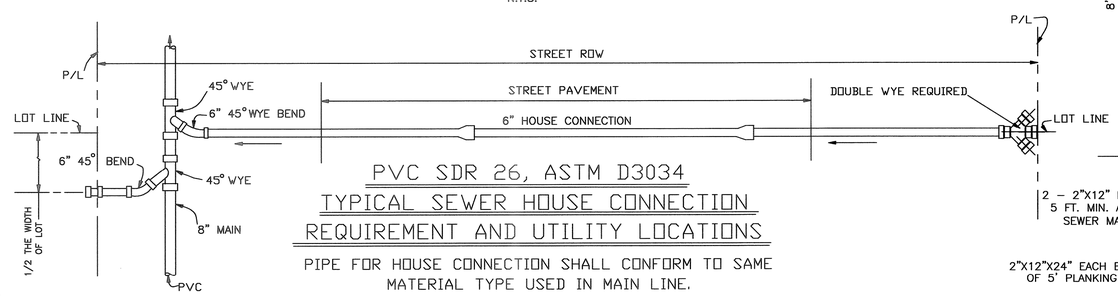


NOTE

ALL STACKS SHALL BE TIED INTO SHEETING WITH BRACING TO PREVENT LEANING

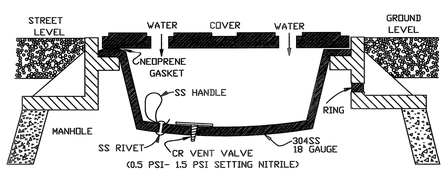
DETAIL OF RISER

N.T.S.



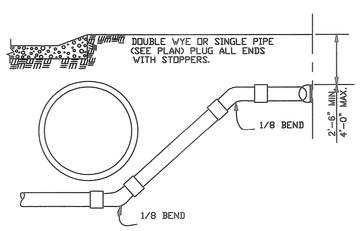
PVC SDR 26, ASTM D3034
TYPICAL SEWER HOUSE CONNECTION
REQUIREMENT AND UTILITY LOCATIONS

PIPE FOR HOUSE CONNECTION SHALL CONFORM TO SAME MATERIAL TYPE USED IN MAIN LINE.



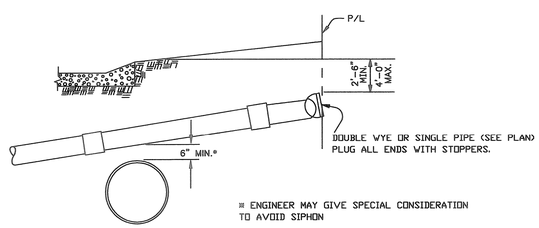
LIFESAVER STAINLESS STEEL STOPPER

N.T.S.



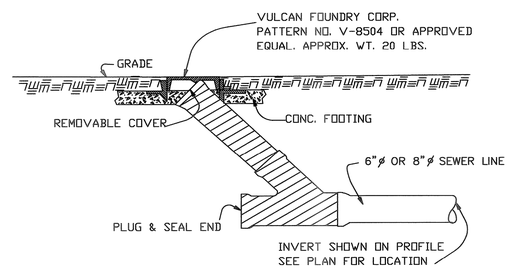
HOUSE CONNECTION UNDER DEEP DRAIN

N.T.S.



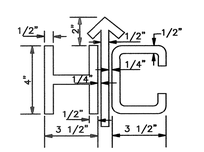
HOUSE CONNECTION OVER DRAIN

N.T.S.



CLEANOUT DETAIL

N.T.S.



NOTE:

1. CONTRACTOR TO HAVE BRAND FABRICATED & SUBMIT TO ENGINEER FOR APPROVAL

2. LETTERS TO BE IMPRESSED IN FACE OF ROLL OVER CURB AT EACH SEWER HOUSE CONNECTION. IMPRESSIONS SHALL NOT BE MORE THAN 1/2" NOR LESS THAN 1/4"

LETTER DETAIL FOR HOUSE CONNECTION MARKING DEVICE

N.T.S.

JEFFERSON PARISH
DEPARTMENT OF ENGINEERING

DRAWING TITLE: SEWER STANDARD DETAIL

DRAWN BY:	T.V.C.	DATE:	3-5-92	CHECKED: L.L.	DATE: 3-6-92
REVISED:	P.D.	DATE:	5-30-00	REVISED: G.J.	DATE: 8-30-95
REVISED:	H.J.W.	DATE:	7-27-00	DFX TO ACAD-LT: P.D.	DATE: 2-9-04
XREF:	AUTOCAD LT.2004			VIEW:	SEWER1.DWG
FILE NUMBER:	003				

SCALE: AS SHOWN

SHEET NO. 1 OF 1