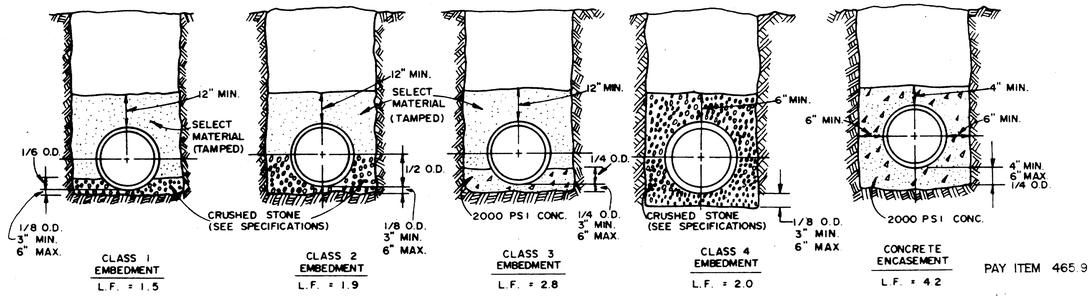


PAY ITEM 465.9

P.V.C. PIPE ONLY

TYPE OF EMBEDMENT OR ENCASEMENT SHALL BE SHOWN IN THE PROFILES FOR ALL LINES. LOAD CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEERING DEPARTMENT.

TABLE OF QUANTITIES OF 2000 PSI CONCRETE, GRAVEL OR CRUSHED STONE IN CUBIC YARDS PER 100 LINEAR FEET FOR EACH CLASS EMBEDMENT

TABLE OF QUANTITIES PER 100 LINEAR FEET REINFORCED CONCRETE PIPE *

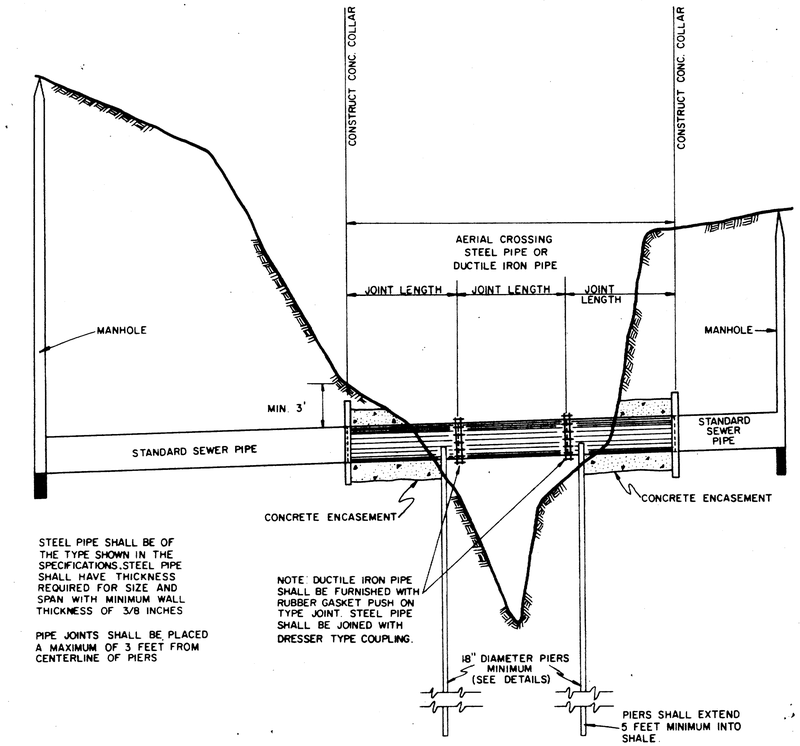
SIZE OF PIPE IN INCHES I.D.	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH WIDTH IN FEET	CLASS 1 EMBEDMENT CRUSHED STONE	CLASS 2 EMBEDMENT CRUSHED STONE	CLASS 3 EMBEDMENT CONCRETE	CONCRETE ENCASEMENT
12	16.00	32	2.67	4.1	6.5	4.8	15.8
15	19.50	36	3.00	4.8	7.8	6.4	19.2
18	23.00	39	3.25	5.7	9.2	8.2	21.2
21	26.50	43	3.58	6.9	11.0	10.2	24.9
24	30.00	46	3.83	8.3	13.1	12.4	28.7
27	33.50	51	4.25	10.3	16.1	14.4	32.8
30	37.00	57	4.75	12.7	20.1	17.0	34.8
33	40.50	62	5.17	15.1	23.8	19.3	39.2
36	44.00	67	5.58	18.0	28.6	22.1	43.8

TABLE OF QUANTITIES PER 100 LINEAR FEET-PVC PIPE
(IN CUBIC YARDS)

SIZE OF PIPE IN INCHES	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH WIDTH IN FEET	CLASS 4 EMBEDMENT CRUSHED STONE	CONCRETE ENCASEMENT
6	6.28	24	2.00	8.0	11.7
8	8.16	24	2.00	8.7	12.4
10	10.20	26	2.18	10.2	14.2
12	12.24	28	2.35	11.7	15.9
15	15.30	31	2.61	14.0	18.8

TABLE OF QUANTITIES PER 100 LINEAR FEET-VITRIFIED CLAY PIPE
(IN CUBIC YARDS)

SIZE OF PIPE IN INCHES I.D.	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH WIDTH IN FEET	CLASS 1 EMBEDMENT CRUSHED STONE	CLASS 2 EMBEDMENT CRUSHED STONE	CLASS 3 EMBEDMENT CONCRETE	CONCRETE ENCASEMENT
8	9.75	26	2.17	2.9	4.3	3.3	10.9
10	12.00	28	2.33	3.3	5.0	3.7	12.5
12	14.25	30	2.50	3.7	5.8	4.3	14.2
15	17.80	36	3.00	4.8	7.8	7.0	17.5
18	21.45	39	3.25	5.6	9.1	8.9	21.0
21	25.00	43	3.58	6.7	11.0	11.1	23.0
24	28.50	46	3.83	8.0	12.9	12.3	26.8
27	32.10	51	4.25	10.0	15.9	14.3	30.8
30	35.60	57	4.75	12.4	19.8	16.8	34.9
33	38.95	61	5.08	14.5	22.9	18.7	37.0
36	42.25	66	5.50	17.0	26.8	21.1	41.5

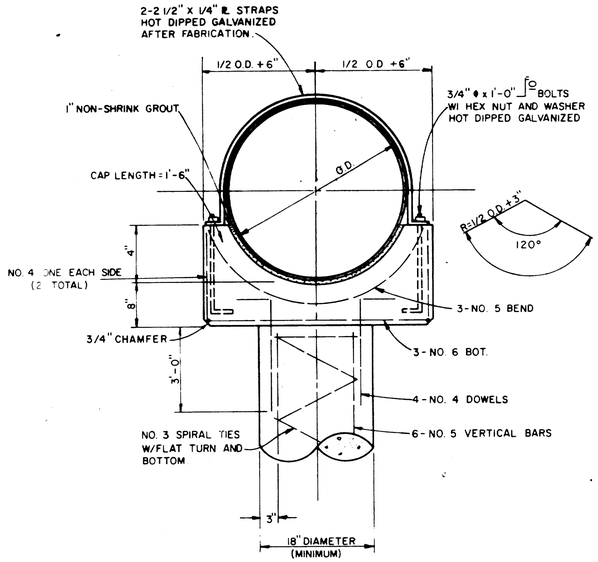


STEEL PIPE SHALL BE OF THE TYPE SHOWN IN THE SPECIFICATIONS. STEEL PIPE SHALL HAVE THICKNESS REQUIRED FOR SIZE AND SPAN WITH MINIMUM WALL THICKNESS OF 3/8 INCHES

PIPE JOINTS SHALL BE PLACED A MAXIMUM OF 3 FEET FROM CENTERLINE OF PIERS

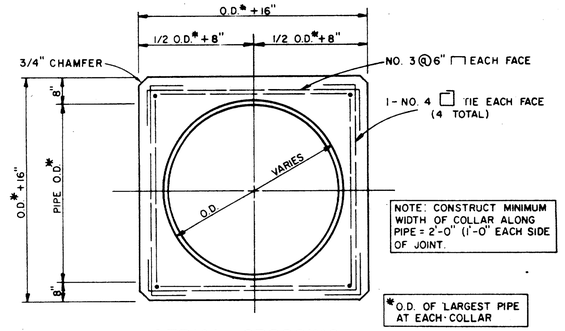
NOTE: DUCTILE IRON PIPE SHALL BE FURNISHED WITH RUBBER GASKET PUSH ON TYPE JOINT. STEEL PIPE SHALL BE JOINED WITH DRESSER TYPE COUPLING.

AERIAL CROSSING DETAIL



AERIAL CROSSING PIER CAP DETAIL

N.T.S



AERIAL CROSSING CONCRETE COLLAR DETAIL

N.T.S.

NO.	REVISION	BY	DATE

TOWN OF ADDISON, TEXAS
DEPARTMENT OF ENGINEERING

STANDARD CONSTRUCTION DETAILS SANITARY SEWER

EMBEDMENT - AERIAL CROSSING

APPROVED _____ H. WAYNE GINN, P.E.

DATE MARCH, 1984

SHEET SD-20

STATE OF TEXAS · H. WAYNE GINN · 31142 · REGISTERED PROFESSIONAL ENGINEER