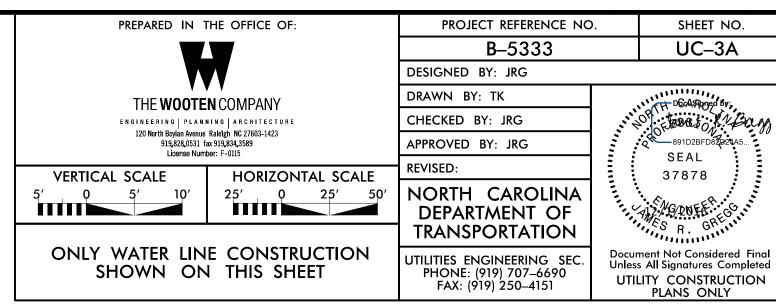
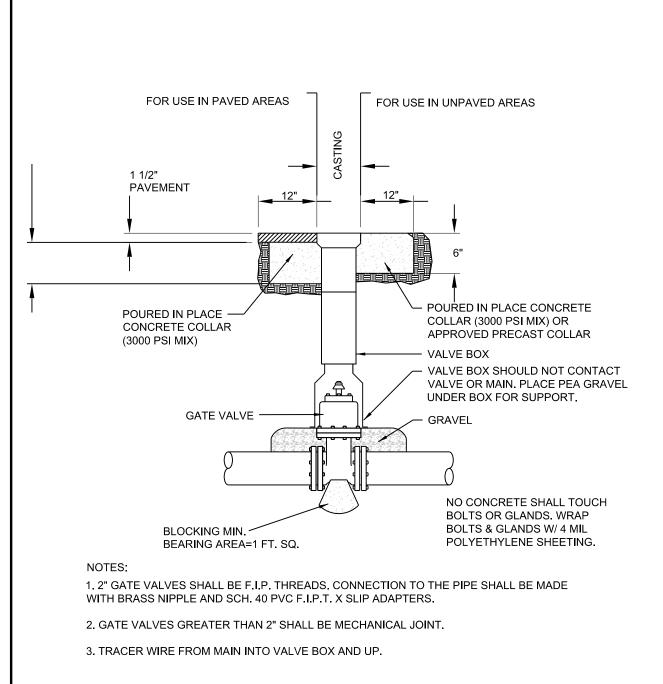
PROJECT TYPICAL DETAILS



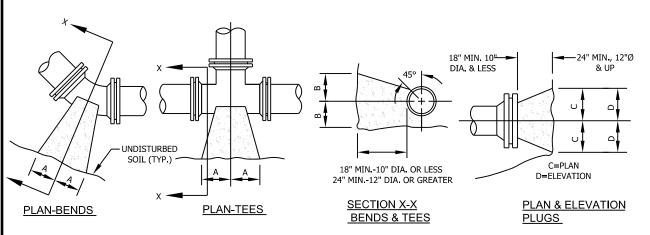
EBAA MEGALUG SERIES

UTILITY CONSTRUCTION



MJ VALVE AND VALVE BOX

NOT TO SCALE



SIZE	Α	В	А	В	А	В	А	В	А	В	С	D
4"	18"	12"	10"	13"	7"	10"	7"	10"	12"	14"	13"	6"
6"	18"	12"	10"	13"	7"	10"	7"	10"	12"	14"	19"	9"
8"	24"	18"	13"	18"	10"	12"	10"	12"	16"	18"	25"	11"
10"	28"	22"	15"	22"	12"	15"	12"	15"	20"	22"	31"	14"
12"	32"	28"	19"	28"	14"	18"	14"	18"	22"	28"	37"	17"
16"	54"	38"	30"	36"	18"	36"	18"	36"	36"	42"	54"	24"

2000 PSF SOIL (SAND & GRAVEL WITH CLAY)

NOTES:

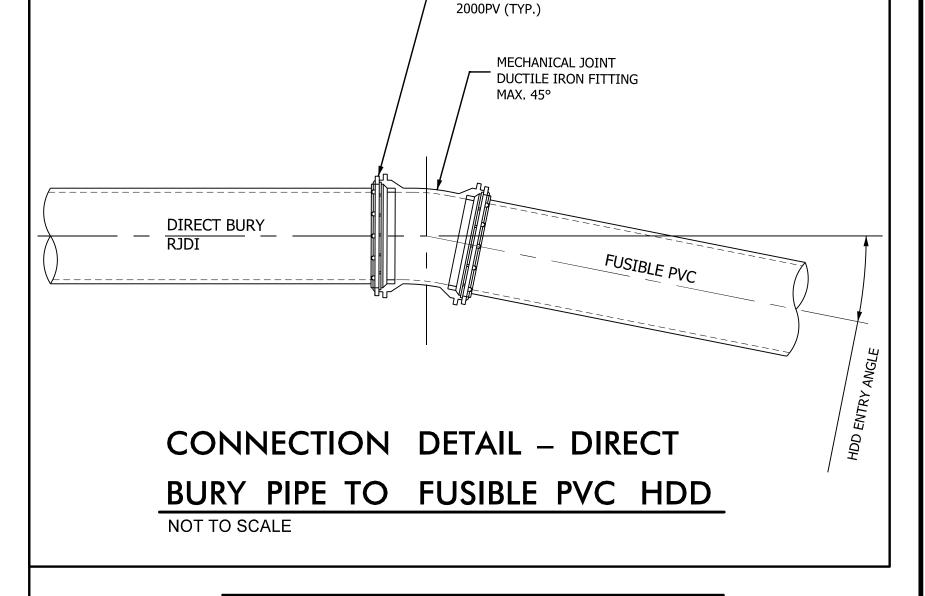
- 1. BASED ON 200 PSI STATIC PRESSURE PLUS AWWA WATER HAMMER ALLOWANCE. 2. ALL BEARING SURFACES TO BE CARRIED TO UNDISTURBED GROUND.
- 3. THRUST BLOCKS TO BE USED AT ALL UNRESTRAINED LINES OPERATING UNDER PRESSURE.
- 4. KEEP ALL PIPING JOINTS CLEAR OF CONCRETE THRUST BLOCKS.
- 5. WRAP ALL FITTINGS IN 4 MIL POLYETHYLENE SHEETING.

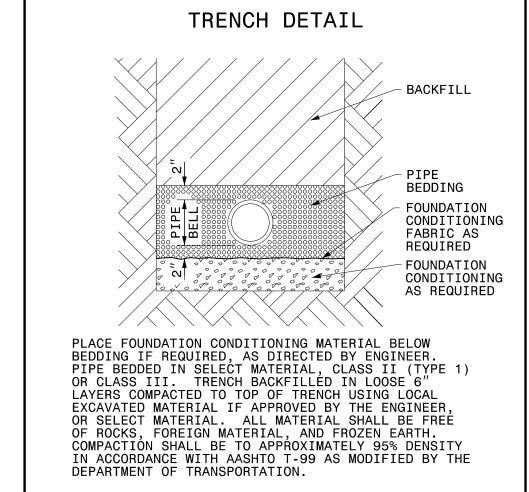
SEE "TIE ROD SCHEDULE" FOR - 3000 PSI CONCRETE (8) #4 REBAR THRUST COLLAR QUANTITY AND SIZE OF THE ROD 4 EACH WAY M.J. CAP OR OTHER M.J. FITTINGS 2" DIA. THREADED TAP AND BRASS NIPPLE FOR 2" LINE EXTENSION - THRUST RING THRUST COLLAR SHALL BE FORMED USING ½" EXTERIOR PLYWOOD AS PER COLLAR DIMENSIONS SHOWN. TIE ROD SCHEDULE COLLAR DIMENSIONS MIN. D PLATE DIAM. L+3" L+3" L+3" L+11" * CONTRACTOR VERIFY DISTANCE W/COLLAR SUPPLIERS.

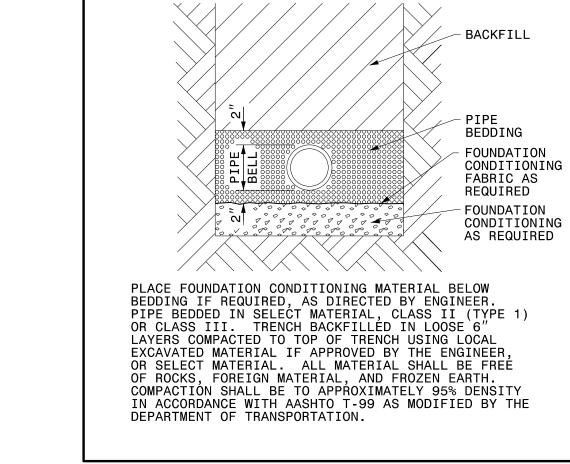
THRUST COLLAR

NOT TO SCALE

- THREADED GALVANIZED STEEL





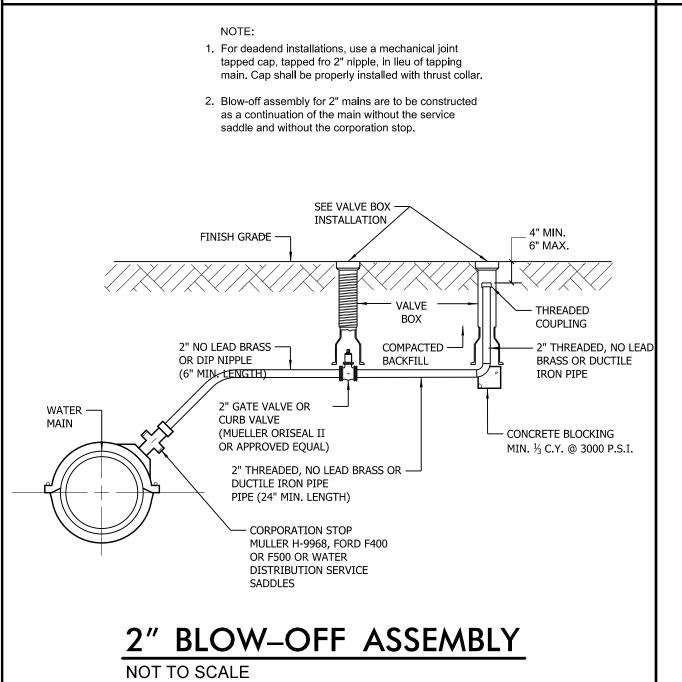


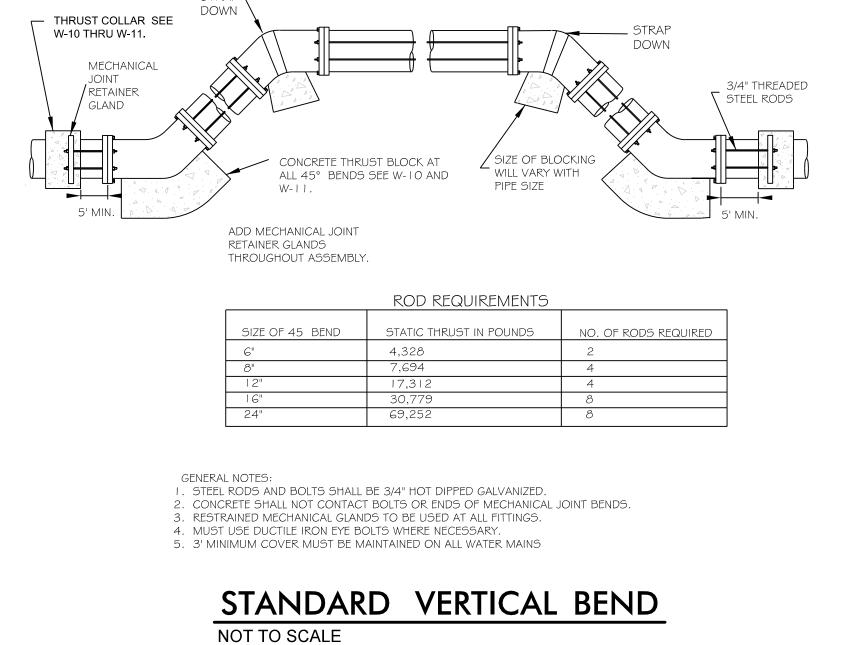
CONDITIONING FABRIC AS REQUIRED FOUNDATION CONDITIONING AS REQUIRED
PLACE FOUNDATION CONDITIONING MATERIAL BELOW BEDDING IF REQUIRED, AS DIRECTED BY ENGINEER. PIPE BEDDED IN SELECT MATERIAL, CLASS II (TYPE 1) OR CLASS III. TRENCH BACKFILLED IN LOOSE 6" LAYERS COMPACTED TO TOP OF TRENCH USING LOCAL EXCAVATED MATERIAL IF APPROVED BY THE ENGINEER, OR SELECT MATERIAL. ALL MATERIAL SHALL BE FREE OF ROCKS, FOREIGN MATERIAL, AND FROZEN EARTH. COMPACTION SHALL BE TO APPROXIMATELY 95% DENSITY IN ACCORDANCE WITH AASHTO T-99 AS MODIFIED BY THE DEPARTMENT OF TRANSPORTATION.

THRUST	BLOCKING	AND	DETAILS
NOT TO SCALE			

TOP OF GROUND

NOT TO SCALE





MAXIMUM TRENCH WIDTH AT TOP OF PIPE							
NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)	NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)				
4	28	20	44				
6	30	24	48				
8	32	30	54				
10	34	36	60				
12	36	42	66				
14	38	48	72				
16	40	54	78				
18	42						