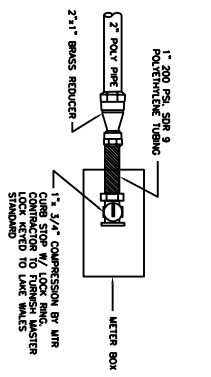


DOUBLE SERVICE PLAN

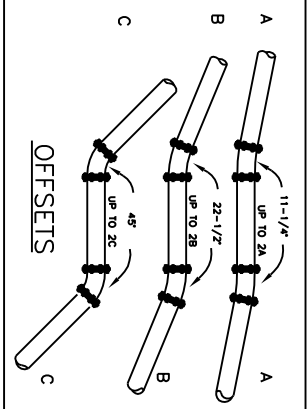
BRASS WYEs MUST BE USED FOR ALL CONNECTIONS TO FURNISH WATER LOCK NEEDED TO LATCH WALES



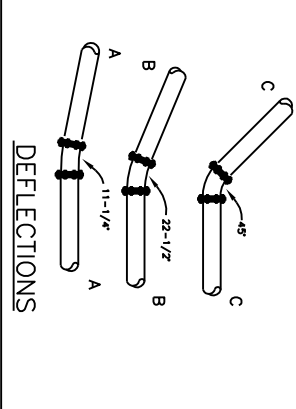
SINGLE SERVICE PLAN

RESTRAINED PIPE

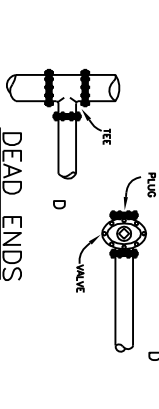
SIZE	DISTANCE IN FEET			
	A	B	C	D
4"	18	18	18	54
6"	18	18	18	54
8"	18	18	18	54
10"	18	36	36	108
12"	18	36	36	126
14"	18	54	54	144
16"	18	54	54	162
18"	18	54	54	180
20"	18	72	72	180
24"	18	72	72	216



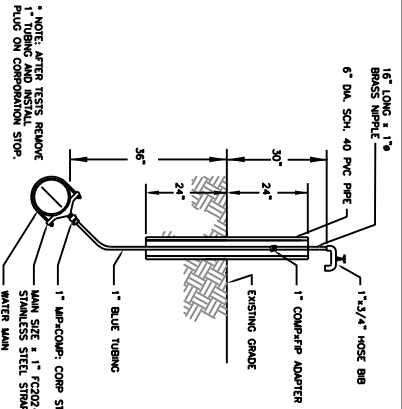
OFFSETS



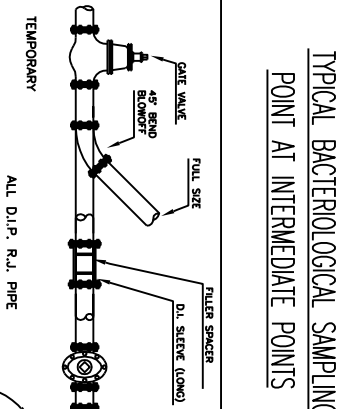
DEFLECTIONS



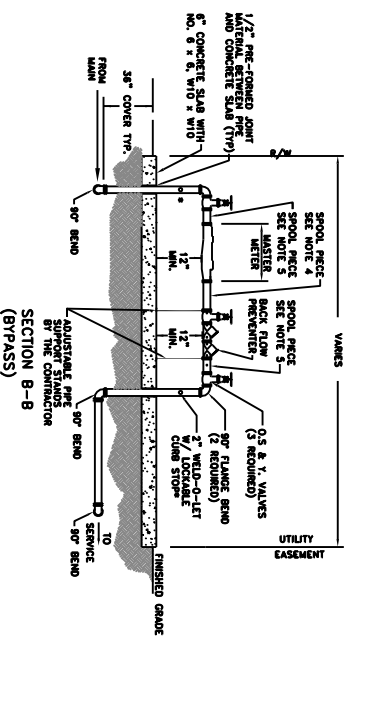
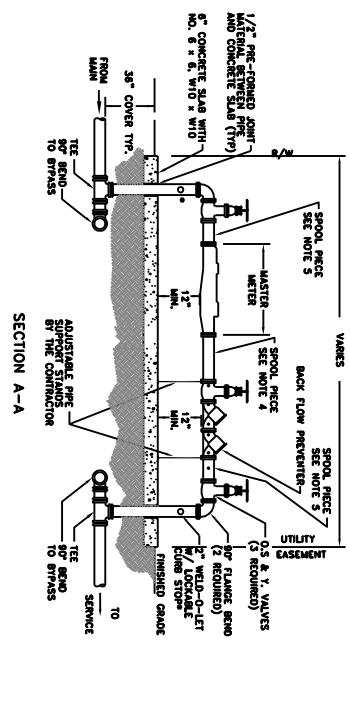
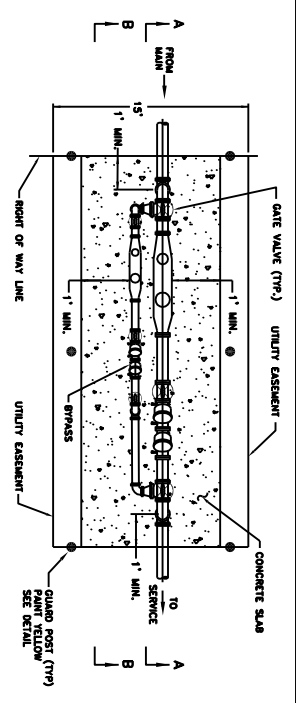
RESTRAINED PIPE



TYPICAL BACTERIOLOGICAL SAMPLING POINT AT INTERMEDIATE POINTS



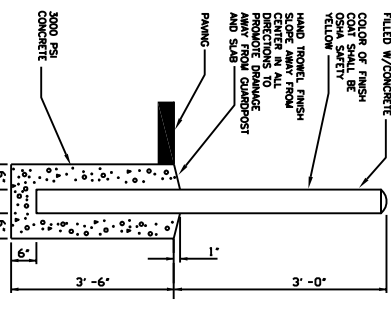
FLUSHING CONNECTION AND BLOW OFF DETAIL



NOTES:

1. ALL PIPE FITTINGS, APURTURANCES, METERS AND BACKFLOW PREVENTER SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
2. ALL ABOVE GROUND PIPE SHALL BE FLAME DUCTILE IRON.
3. SPOOL PIECE MINIMUM LENGTH SHALL BE TWO TIMES THE PIPE DIAMETER.
4. SPOOL PIECE LENGTH SHALL BE A MINIMUM OF ONE FOOT. ON SPOOL PIECE PLACE A 2" HEAVY DUTY WELD-O-LET WHICH DECEASES FROM THE TOP OF SPOOL PIECE WELD-O-LET TO BE INSTALLED WITH A LOCKABLE CUMB STOP.
5. MASTER WATER SHALL BE INSTALLED WITH A LOCKABLE CUMB STOP.
6. MASTER WATER SHALL BE INSTALLED WITH A LOCKABLE CUMB STOP.

MAIN METER ASSEMBLY 3" AND LARGER



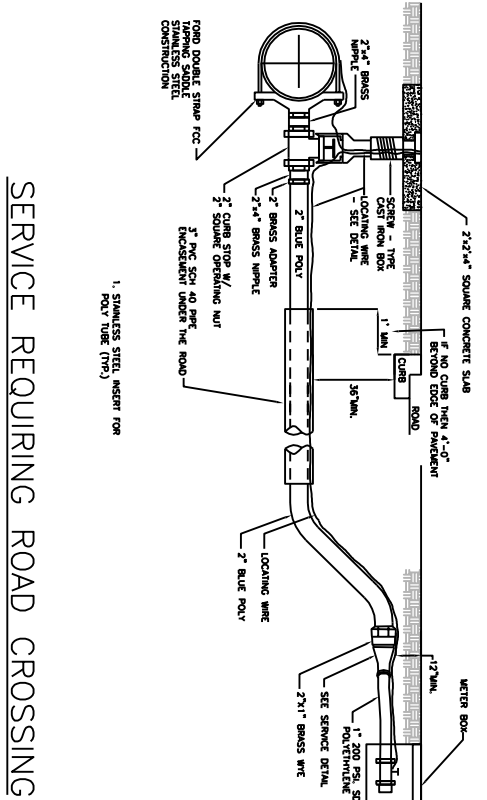
GUARDPOST DETAIL

CITY OF LAKE WALES
LAKE WALES, FLORIDA 33853

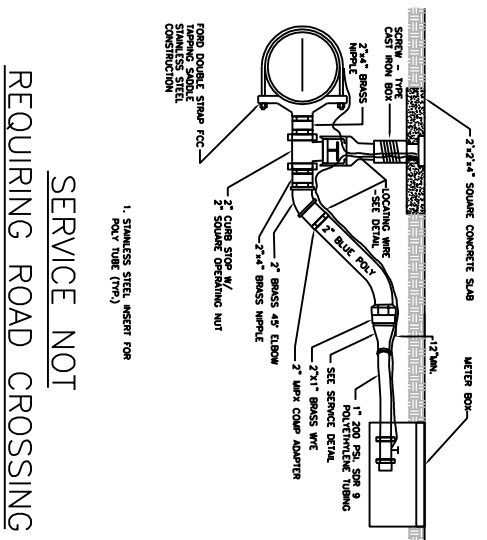
ISSUE CODE	A PRELIMINARY	B DESIGN
DESIGN	C BIDS	D CONSTRUCTION
SCALE:	N.T.S.	DATE:
CH-D BY:	SCALE:	DATE:
DRAWN BY:	ENGR. APPR.	

WATER DETAILS

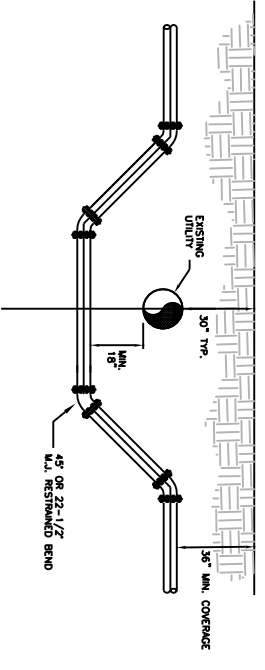
AREA	JOB NO.
CITY-OF-LAKE-WALES	
SHEET	REV.
- OF -	



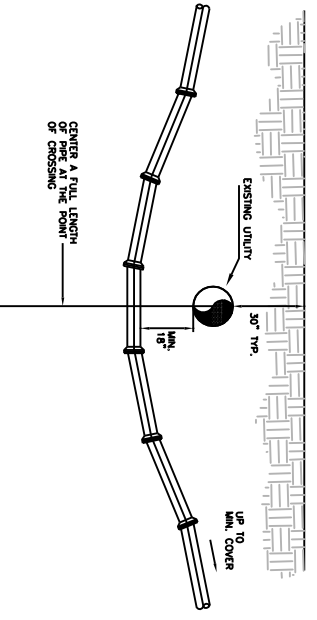
SERVICE REQUIRING ROAD CROSSING



SERVICE NOT REQUIRING ROAD CROSSING



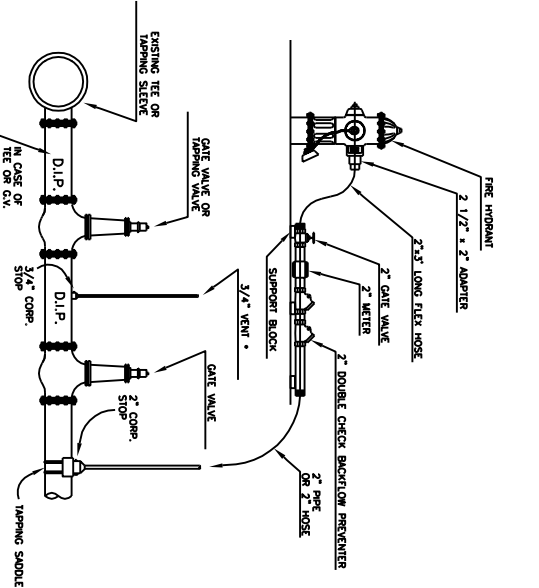
UTILITY CROSSING - FITTING TYPE



UTILITY CROSSING - DEFLECTION

1. THE DEFLECTION TYPE CROSSING SHALL BE USED WHENEVER POSSIBLE. ONLY UNDER SPECIFIC ORDERS BY THE ENGINEER SHALL THE FITTING TYPE CROSSING BE ALLOWED.
2. THE DEFLECTION TYPE CROSSING SHALL BE USED WHENEVER POSSIBLE. ONLY UNDER SPECIFIC ORDERS BY THE ENGINEER SHALL THE FITTING TYPE CROSSING BE ALLOWED.
3. CONSTRUCT CROSSING USING 75% OF MANUFACTURERS MAXIMUM JOINT DEFLECTION (MAXIMUM).

FILLING CONNECTION



NOTE: AFTER TESTS REMOVE 3/4" TUBING AND 2" GALVANIZED PIPE AND INSTALL FLUGS ON CORPORATION STOPS.