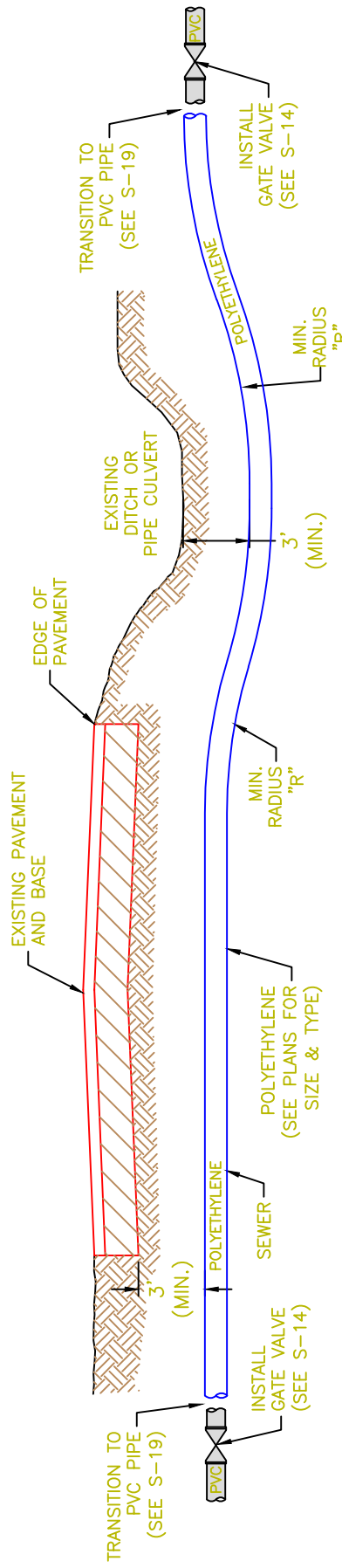


ALL POLYETHYLENE PIPING SHALL MEET CITY STANDARDS AND SPECIFICATIONS

SDR-9, CLASS 200 FOR POTABLE WATER & RECLAIMED WATER  
 SDR-11, CLASS 160 FOR SANITARY FORCE MAINS  
 COLOR CODED BLUE FOR POTABLE WATER  
 COLOR CODED PURPLE FOR RECLAIMED WATER  
 COLOR CODED GREEN FOR SANITARY FORCE MAIN

PIPE DIAMETER "D" IN INCHES	MIN. RADIUS "R" FOR SDR-11	MIN. RADIUS "R" FOR SDR-9
2	4	5.5
3	6	8.3
4	8	11.0
6	12	16.5
8	16	22.0
10	20	27.5
12	24	33.0
16	32	44.0
18	36	49.5
20	40	55.0



**DIRECTIONAL BORE  
 ROADWAY CROSSING**  
 NOT TO SCALE (S-15)

REV	DATE	BY	REVISIONS
2	13 DEC 11	REFJHS	REVISED DETAIL AND ADDED VALVE
1	20 JAN 11	REFJHS	REV. SHT. NO. TO ADD DIR. BORE DETAIL



**TECHNICAL  
 STANDARDS  
 MANUAL**

**DIRECTIONAL BORE  
 ROADWAY CROSSING  
 TECHNICAL STANDARDS MANUAL**  
 CITY OF LYNN HAVEN FLORIDA

CAD FILE:	SEWER
DWN BY:	REF
DATE:	30 APR 07
SHEET NO:	15 OF 20
DETAIL	S-15