



ALL POLYETHYLENE PIPING SHALL MEET CITY OF LYNN HAVEN 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 CANAL CROSSING**  
 NOT TO SCALE

| REV | DATE      | BY     | REVISIONS                             |
|-----|-----------|--------|---------------------------------------|
| 2   | 29 MAY 12 | REFJHS | REVISED DETAIL PER ENGINEER           |
| 1   | 20 JAN 11 | REFJHS | REV. SHT. NO. TO ADD DIR. BORE DETAIL |



**TECHNICAL STANDARDS MANUAL**

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

|           |           |
|-----------|-----------|
| CAD FILE: | SEWER     |
| DWN BY:   | REF       |
| DATE:     | 30 APR 07 |
| SHEET NO: | 16 OF 20  |
| DETAIL    | S-16      |