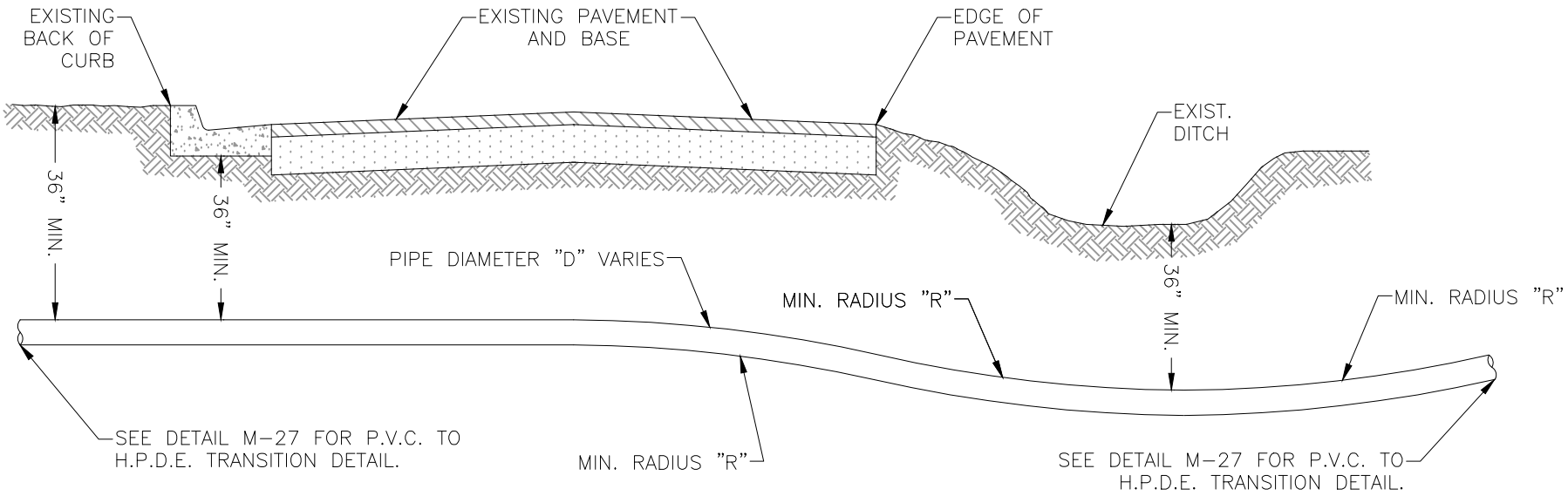

	MIN. RADIUS FOR PE PIPE IN FEET	
PIPE DIAMETER "D" IN INCHES	MIN. RADIUS "R" FOR SDR-11	MIN. RADIUS "R" FOR SDR-9
1	2	2
2	4	4
3	6	5
4	8	7
6	12	10
8	17	14
10	21	17
12	25	20
16	33	27
18	38	30
20	42	34

1.) ALL POLYETHYLENE PIPING SHALL MEET CITY OF PANAMA CITY BEACH STANDARDS AND SPECIFICATIONS

2.) SDR 9, CLASS 250, PE4710 RESIN HDPE FOR 1" SERVICE TUBING. SDR-11, CLASS 200, PE4710 RESIN HDPE FOR 2" DIAMETER AND LARGER POTABLE WATER & RECLAIMED WATER. SDR-11, CLASS 160, PE4710 RESIN HDPE FOR 2" DIAMETER AND LARGER SANITARY FORCE MAINS COLOR CODED BLUE FOR POTABLE WATER COLOR CODED PURPLE FOR RECLAIMED WATER COLOR CODED GREEN FOR SANITARY FORCE MAIN.

3.) THE COLOR CODING SHALL MEETING REQUIREMENTS IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320 (21)(B) 3 F.A.C. AND SHALL BE CO-EXTRUDED DURING PIPE MANUFACTURING.

4. ALL HDPE PIPE 2" DIAMETER AND LARGER MUST BE IPS, NO CTS IS ALLOWED. ALL 1" SERVICE TUBING SHALL BE CTS.

5. ALL DIRECTIONAL BORES SHALL BE A MINIMUM OF 36 INCHES UNDER ALL ROADWAYS AND START AND TERMINATE A MINIMUM OF 6 FEET OFF THE EDGE OF PAVEMENT.

6.) CONTRACTOR SHALL PROVIDE A DETAILED "AS-BUILT" PROFILE OF ALL DIRECTIONAL BORE AND JACK AND BORE LOCATION OF ACTUAL PIPE ELEVATIONS AT 10 FOOT INTERVALS ON AS-BUILT PLAN SHEETS.

REV.	DATE
1	MAR '12

CITY OF P.C.B.
UTILITIES DEPARTMENT

DATE OF APPROVAL

DIRECTIONAL BORE
ROADWAY CROSSING

M-18