

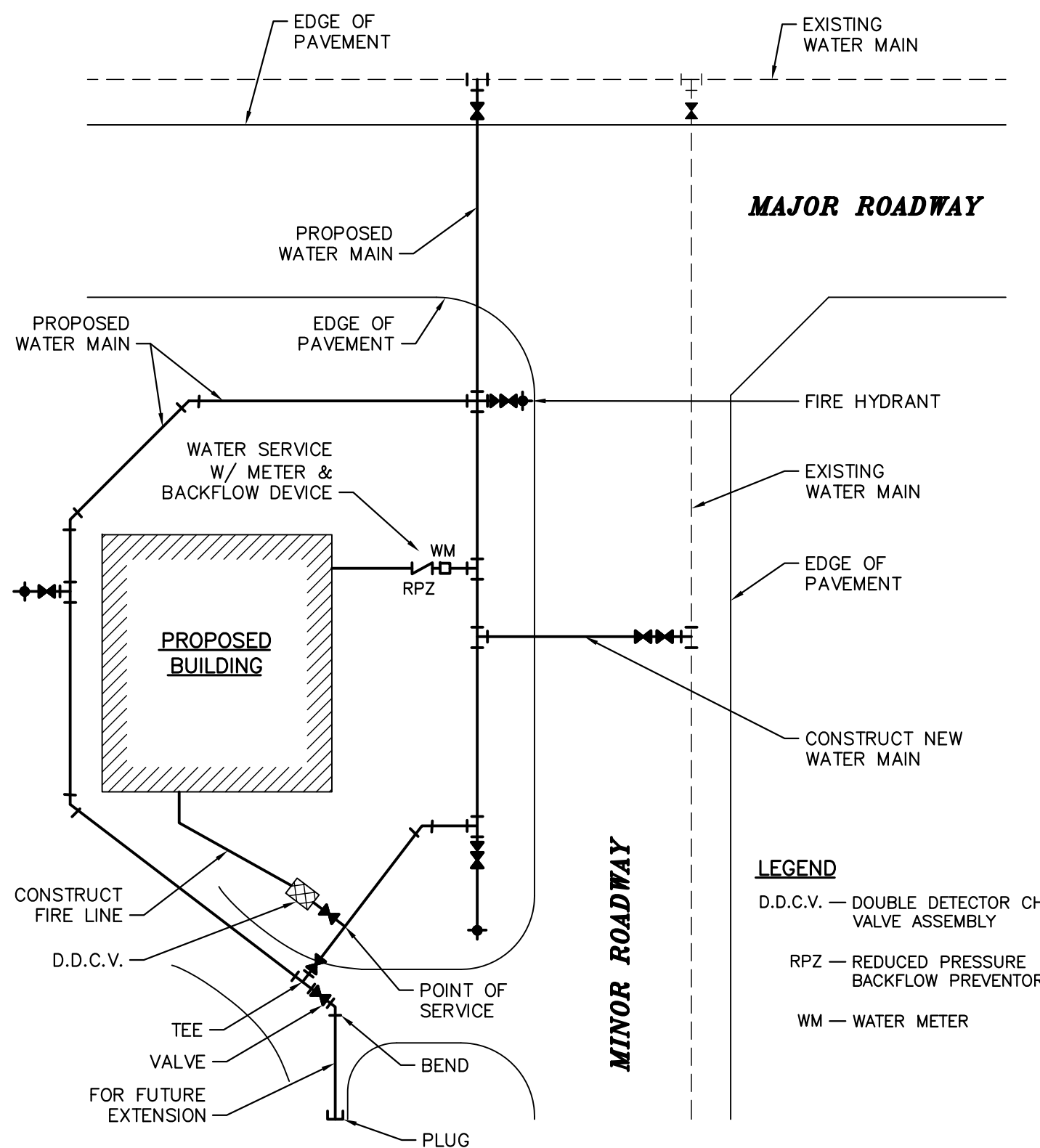
NOTE: FIRE HYDRANT AND FDC SHALL BE ON THE SAME PLANE

NOTES:

- FIRE LANE SIGN:**
 1. SIGNS SHALL HAVE A WHITE REFLECTORIZED BACKGROUND WITH RED OPAQUE LEGEND AND BORDER.
 2. "FIRE LANE" LETTERS SHALL BE 1" AND ALL OTHER LETTERS SHALL BE 1" SERIES "C".
 3. SIGNS SHALL BE MOUNTED ON POST AT LOCATIONS DEPICTED ON SITE PLAN AT A MAXIMUM HEIGHT OF 7'-0" FROM THE FINISHED GRADE TO THE BOTTOM PART OF THE SIGN.

- TOW-AWAY ZONE SIGN AND BUILDING ADDRESS SIGN:**
 1. SIGNS SHALL BE A MINIMUM OF 6"x12" WHITE BACKGROUND WITH RED LETTERS MINIMUM LETTER SIZE TO BE ONE INCH.

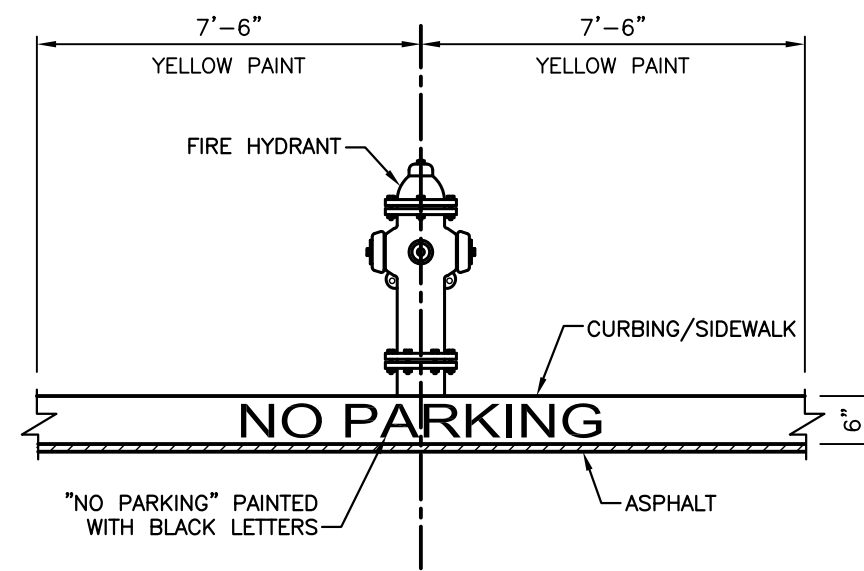
FIRE HYDRANT-FIRE DEPT. CONNECTION LOCATION DETAIL



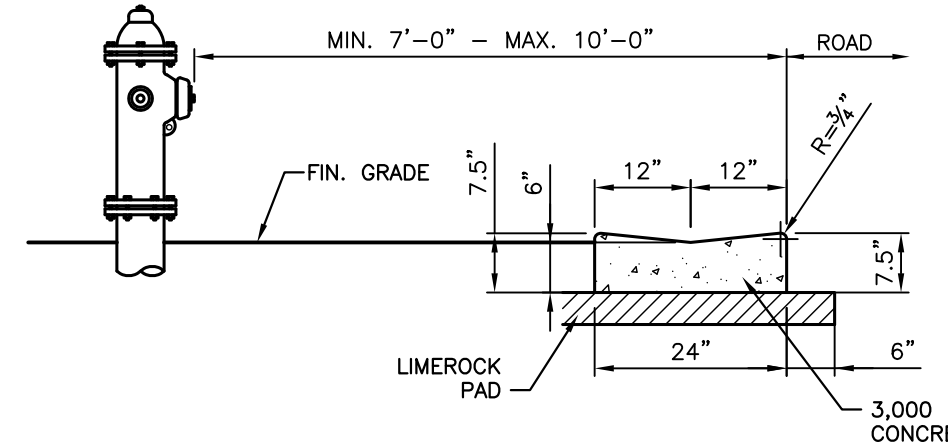
LOOPED WATER MAIN SYSTEM

- LEGEND**
 D.D.C.V. — DOUBLE DETECTOR CHECK VALVE ASSEMBLY
 RPZ — REDUCED PRESSURE BACKFLOW PREVENTOR
 WM — WATER METER

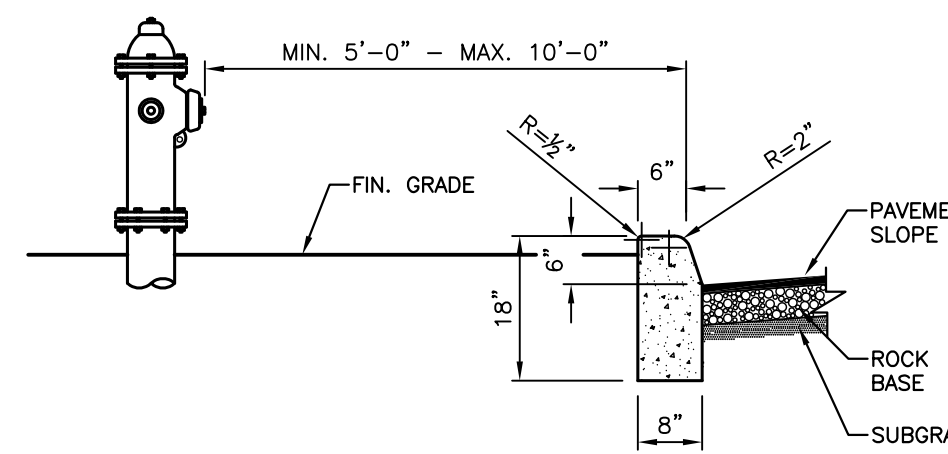
TYPICAL CURB MARKING AT HYDRANT LOCATIONS



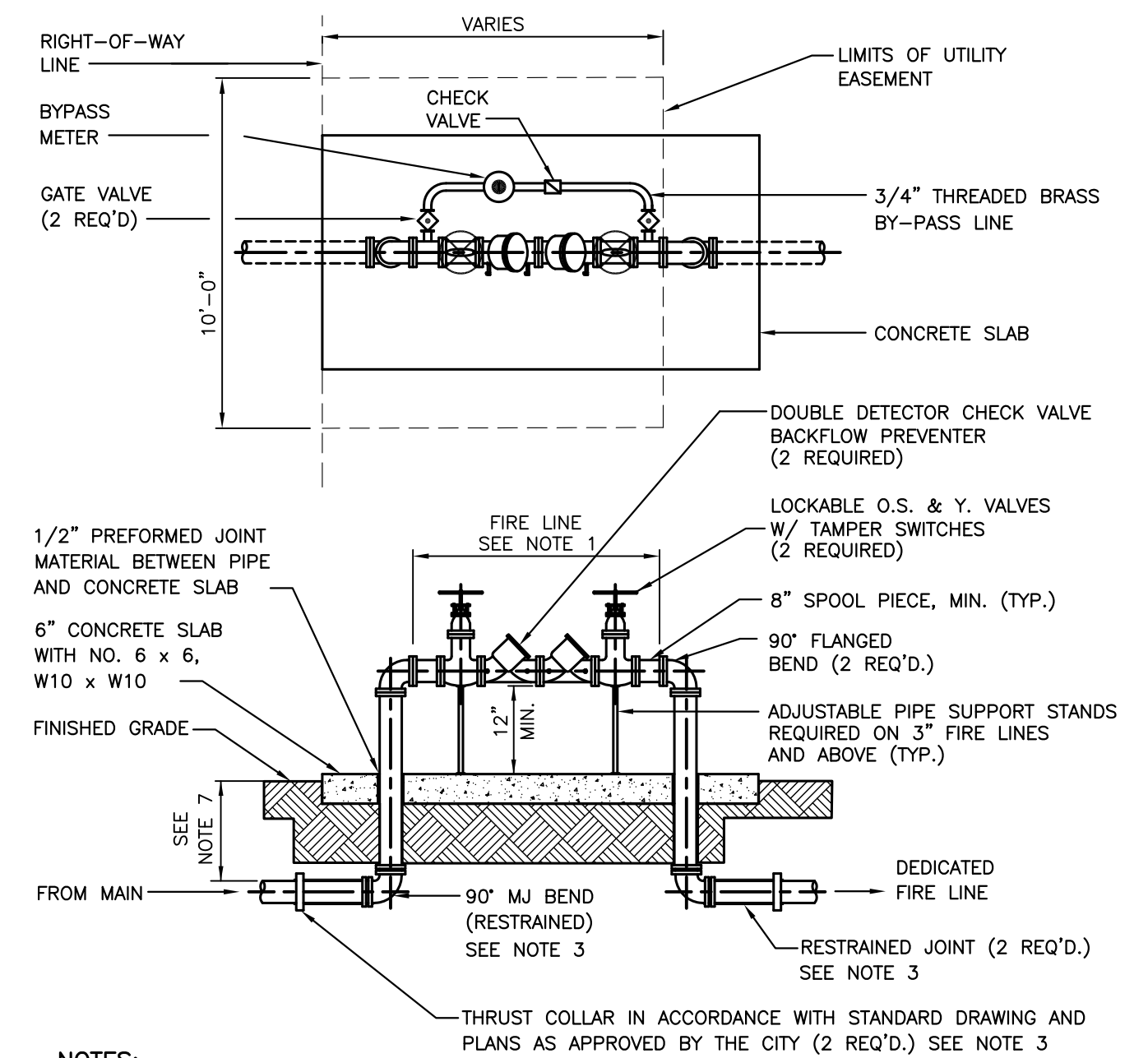
VALLEY GUTTER



TYPE "D" CURB

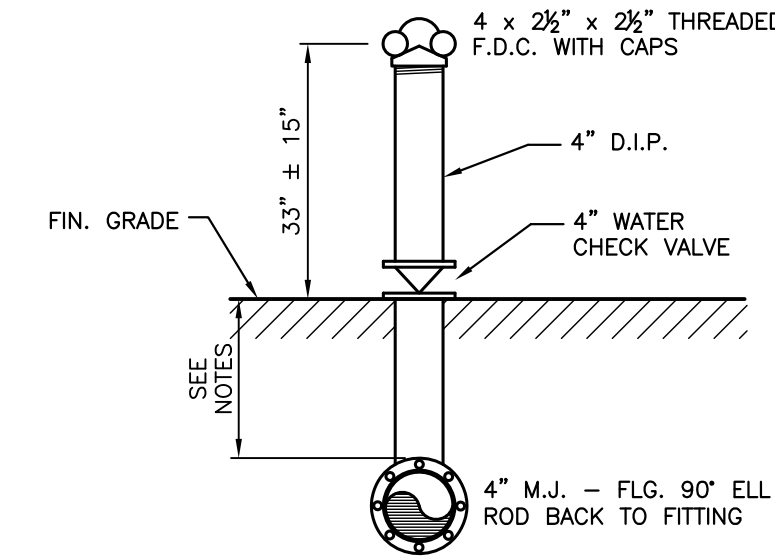


STANDARD FIRE HYDRANT PLACEMENT DETAIL



- NOTES:**
 1. ALL PIPE AND FITTINGS 2" AND SMALLER SHALL BE THREADED BRASS.
 2. ALL PIPE FITTINGS 4" DIA. AND LARGER SHALL BE CEMENT-LINED DUCTILE IRON WITH FLANGED FITTINGS FOR ABOVEGROUND USE. MECHANICAL JOINT FITTINGS SHALL BE USED UNDERGROUND.
 3. MEGALUGS, OR APPROVED EQUAL, CAN BE USED IN PLACE OF RESTRAINED JOINTS ON ALL UNDERGROUND PIPING.
 4. PAINT ALL ABOVEGROUND DUCTILE PIPING, FITTINGS AND VALVES.
 5. BACKFLOW PREVENTOR CONTROL VALVES SHALL BE MONITORED BY AN ELECTRONIC TAMPER SWITCH CONNECTED TO A CENTRAL ALARM SERVICE.
 6. DEPTH OF COVER TO TOP OF UNDERGROUND PIPING:
 - 30" MINIMUM (TYP.)
 - 36" MINIMUM UNDER DRIVING SURFACES

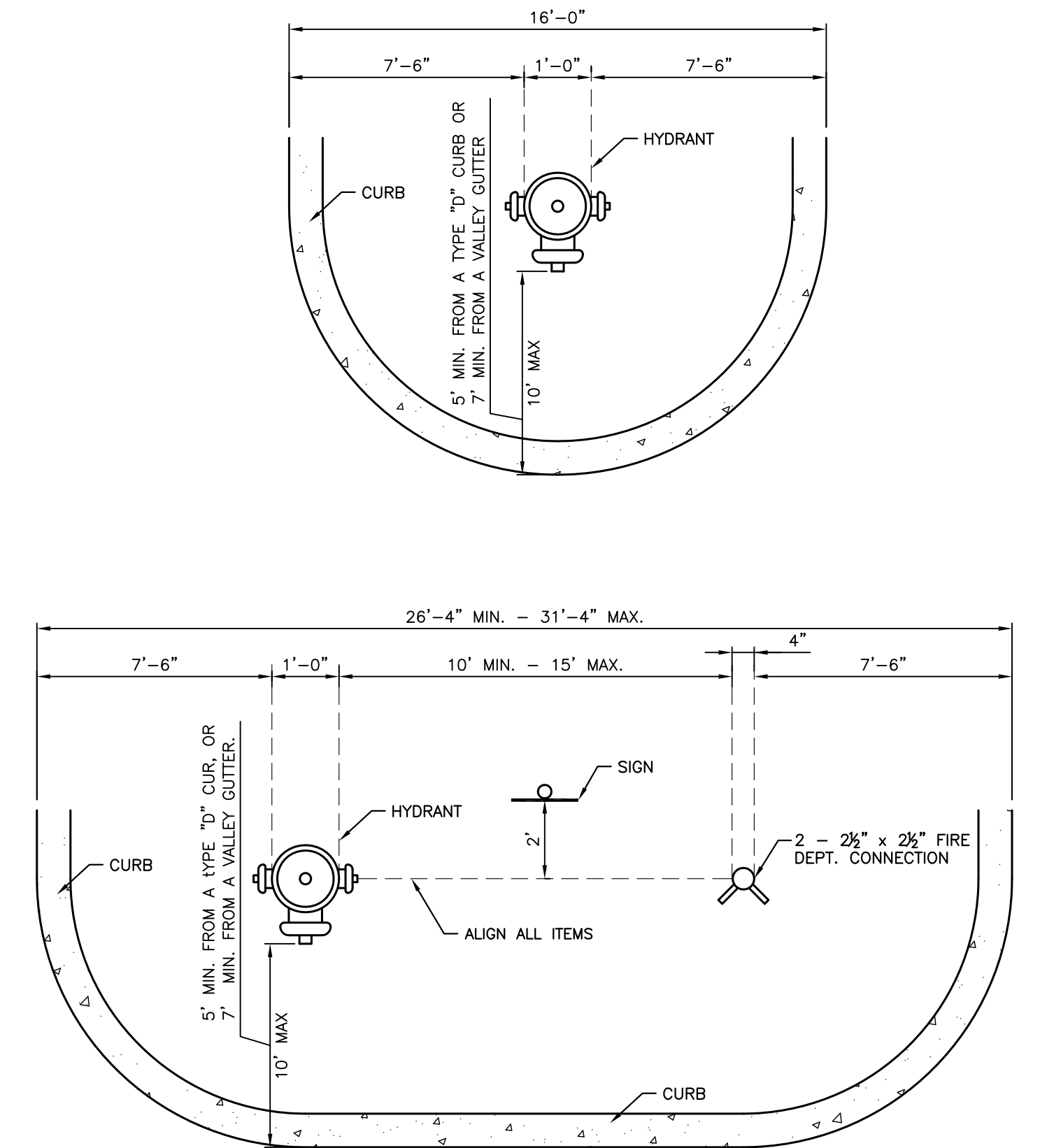
FIRE LINE-DOUBLE DETECTOR CHECK VALVE ASSEMBLY DETAIL



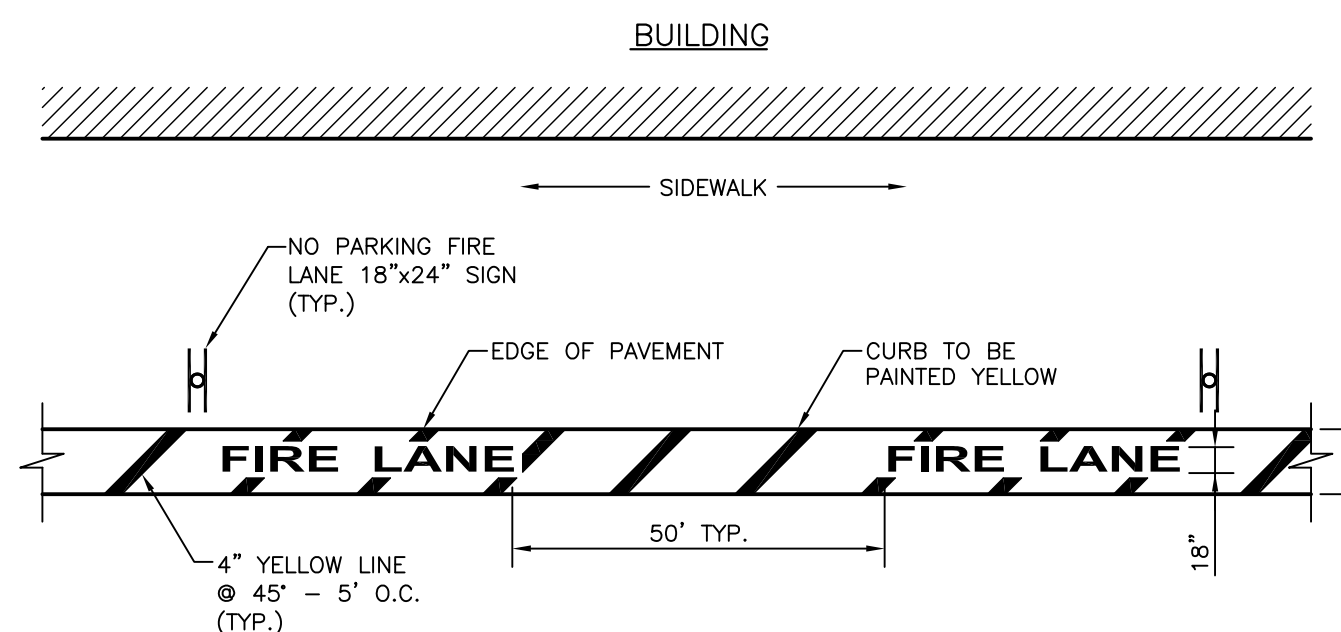
THERE SHALL BE NO SHUT OFF VALVE IN THE FIRE DEPARTMENT CONNECTION.
 NFPA 24 2-6.3

- NOTES:**
 1. DEPTH OF COVER TO TOP OF PVC UNDERGROUND PIPING SHALL BE NOT LESS THAN 36" MINIMUM.
 2. DEPTH OF COVER TO TOP OF DIP UNDERGROUND PIPING SHALL BE NOT LESS THAN 30" MINIMUM.

STANDARD FIRE DEPARTMENT CONNECTION DETAIL

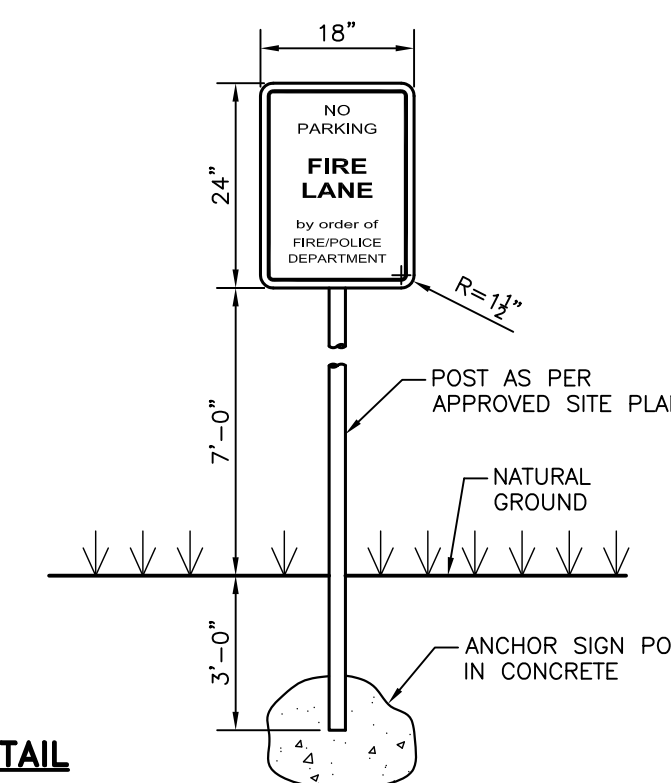


TYP. FIRE HYDRANT/FIRE DEPT. CONNECTION ISLAND DETAIL (PLAN VIEW)



- NOTES:**
 1. ALL PAVEMENT MARKING SHALL BE OF THERMOPLASTIC PAINT.

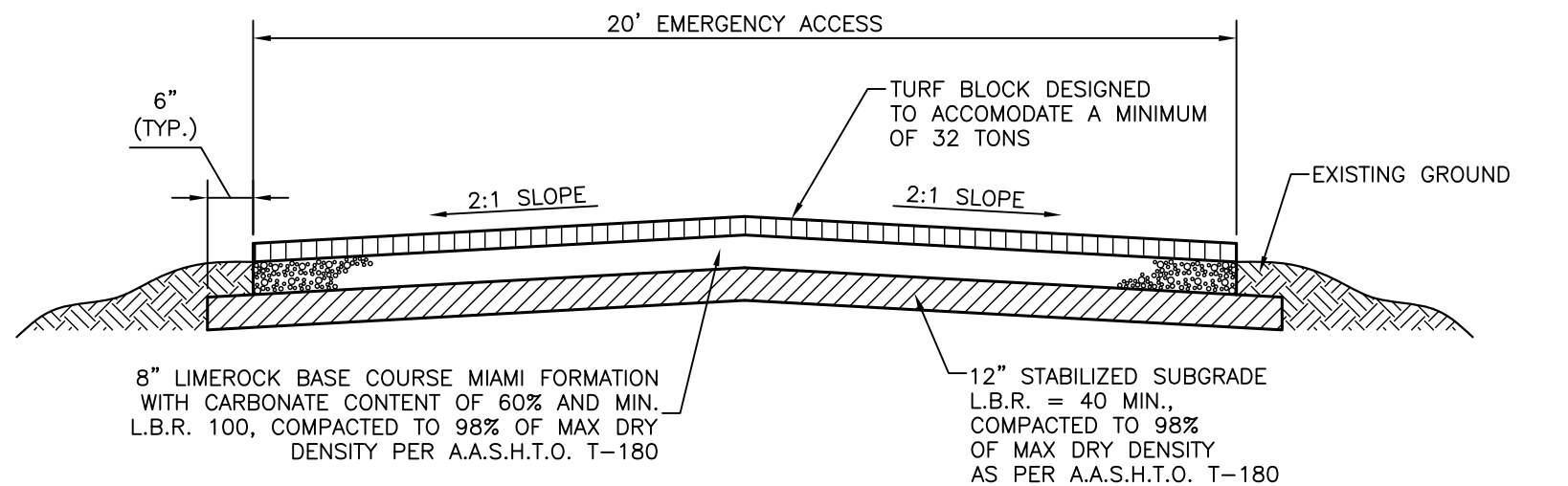
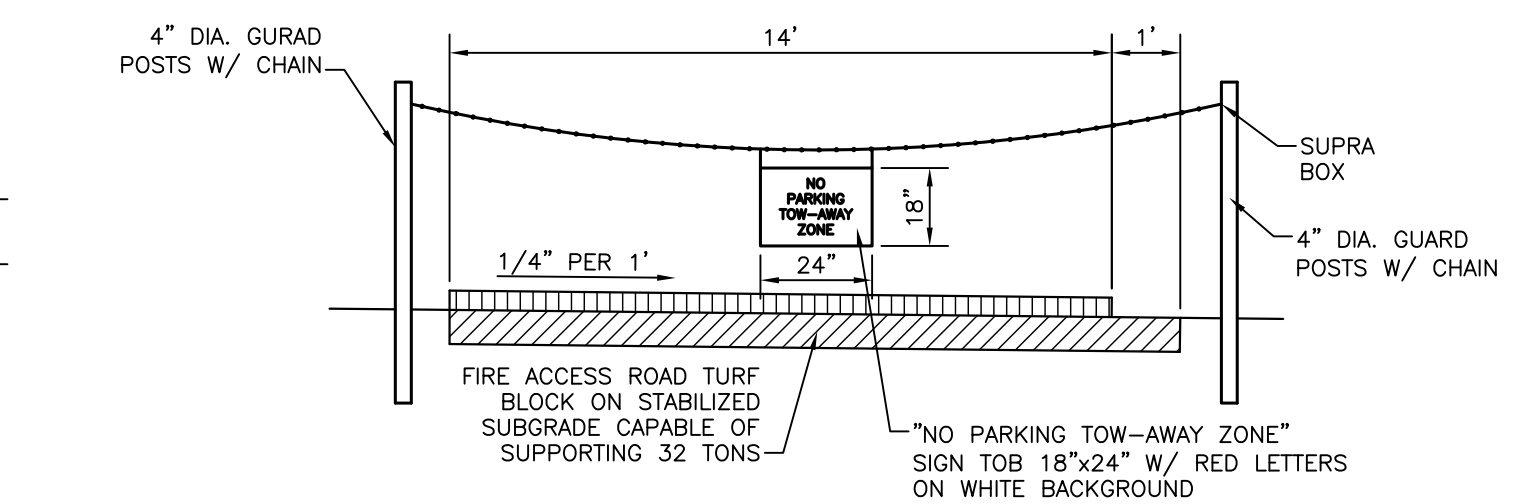
FIRE LANE STRIPING DETAIL



SIGN DETAIL

- NOTES:**
 1. "NO PARKING FIRE LANE BY ORDER OF FIRE/POLICE DEPARTMENT" SIGN AT MAX 75' O.C. SIGN TO BE 18"x24" W/ RED LETTERS ON WHITE BACKGROUND.
 2. SIGN TO BE POSTED 7' ABOVE FINISHED GRADE. ON B.C.T.E.D. STANDARD POST.

FIRE LANE DETAIL



NOTES:

1. 12" STABILIZED SUBGRADE MIN. L.B.R. 40 COMPACTED TO 98% A.A.S.H.T.O. T-180 CAPABLE OF SUPPORTING 32 TONS.
 2. THE BASE COURSE SHALL BE LIMEROCK (70% CALCIUM), 8" THICK COMPACTED IN ACCORDANCE WITH A.A.S.H.T.O. SPECIFICATION T-180 TO 98% DENSITY.
 3. ALL ORGANIC AND YIELDING MATERIAL WITHIN THE LIMITS SHOWN SHALL BE REMOVED AND REPLACED WITH CLEAN FILL. THE SUBBASE SHALL EXTEND 12" BELOW THE BASE COURSE, SHALL HAVE A MINIMUM DRY DENSITY OF 115 PCF AND SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY PER A.A.S.H.T.O. SPECIFICATION T-180, METHOD "C". MINIMUM LBR TO BE 40.

EMERGENCY ACCESS ROADWAY DETAIL

BY	
REVISIONS	
NO.	DATE

FIRE

CITY OF MIRAMAR DEPARTMENT OF CONSTRUCTION & FACILITIES MANAGEMENT ENGINEERING STANDARDS



SCALE: N.T.S.

SHEET NO. 10 OF 11