

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

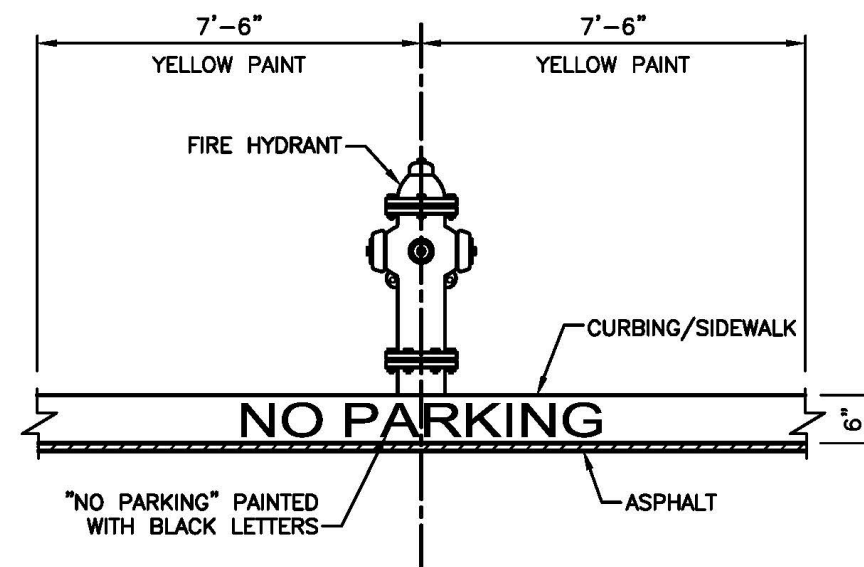
**NOTES:**

- FIRE LANE SIGN:**
- SIGNS SHALL HAVE A WHITE REFLECTORIZED BACKGROUND WITH RED OPAQUE LEGEND AND BORDER.
  - "FIRE LANE" LETTERS SHALL BE 1 1/2" AND ALL OTHER LETTERS SHALL BE 1" SERIES "C".
  - 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.

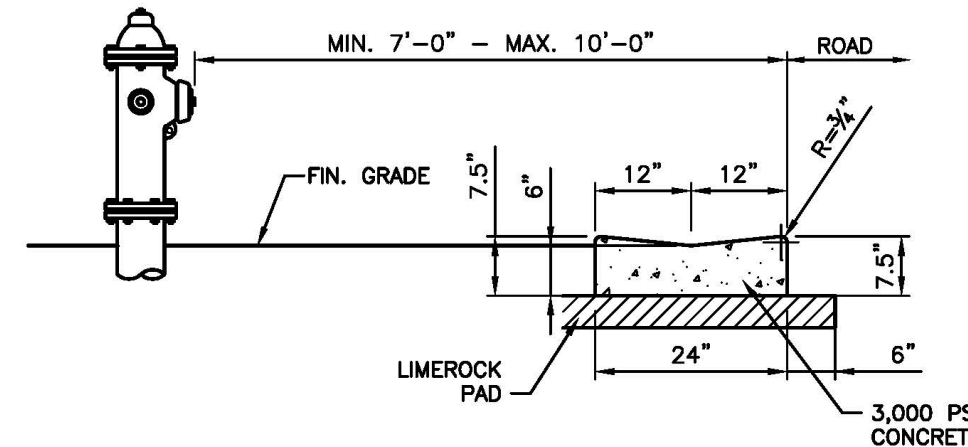
- TOW-AWAY ZONE SIGN AND BUILDING ADDRESS SIGN:**
- SIGNS SHALL BE A MINIMUM OF 6"x12" WHITE BACKGROUND WITH RED LETTERS MINIMUM LETTER SIZE TO BE ONE INCH.

**FIRE HYDRANT-FIRE DEPT. CONNECTION LOCATION DETAIL**

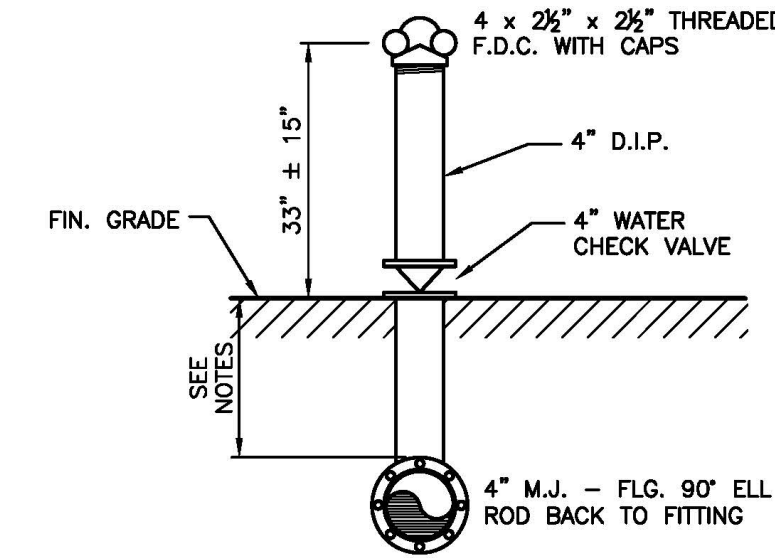
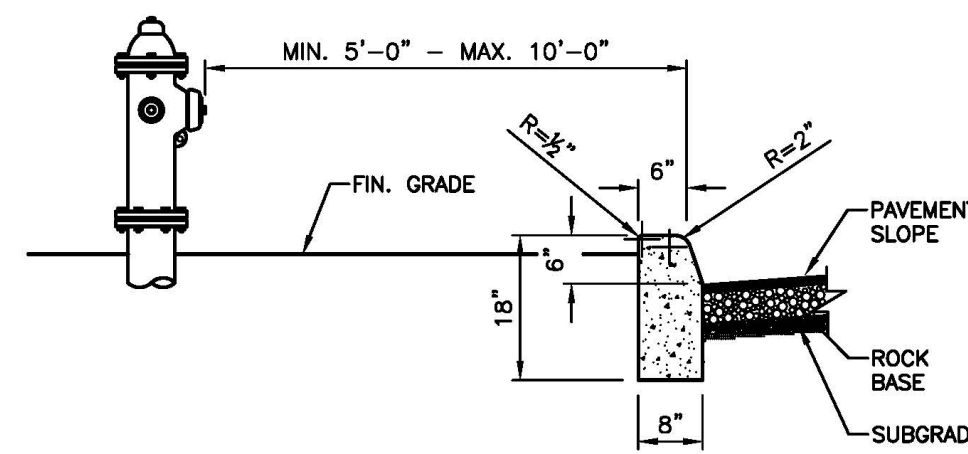
**TYPICAL CURB MARKING AT HYDRANT LOCATIONS**



**VALLEY CUTTER**



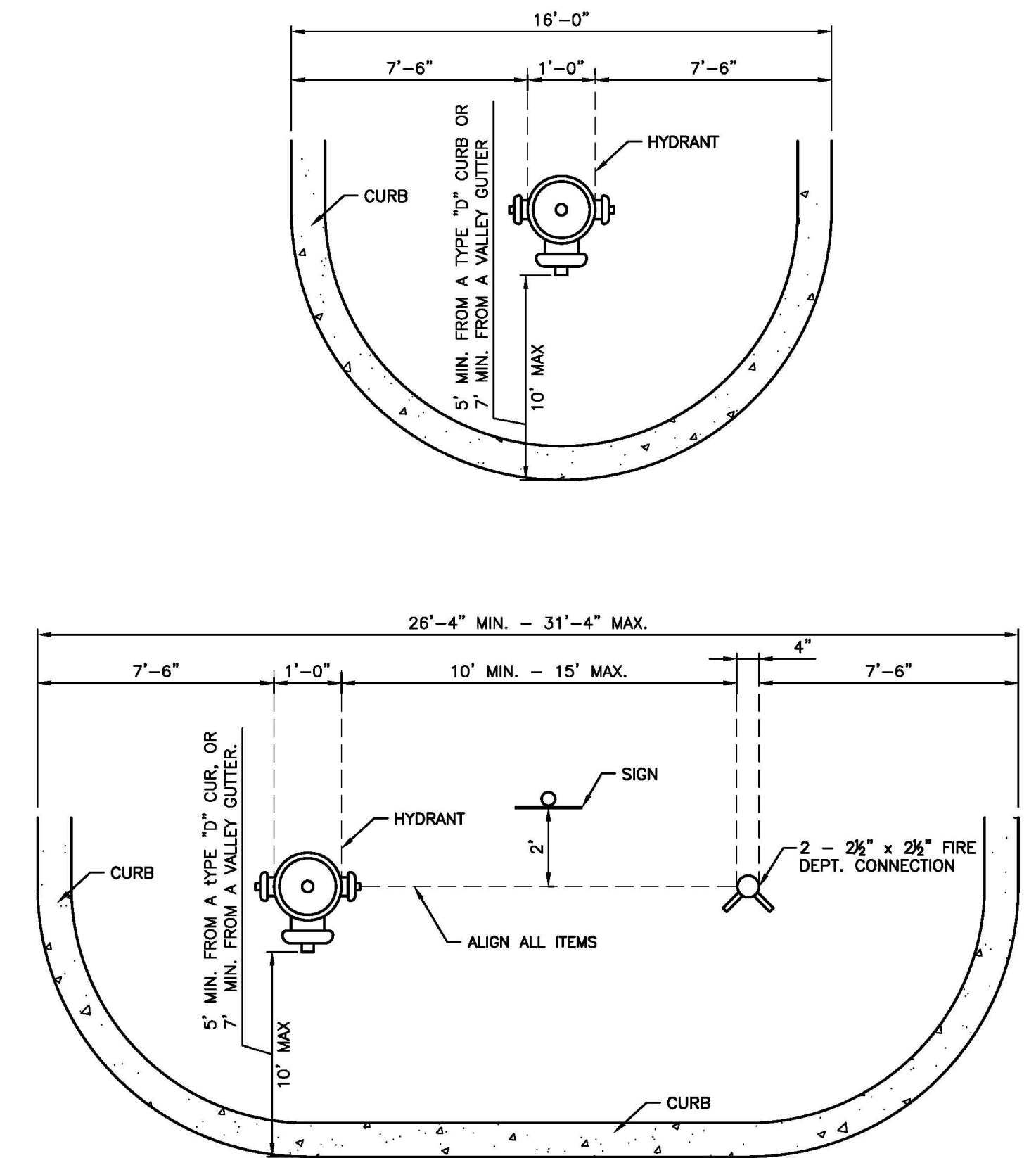
**TYPE "D" CURB**



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

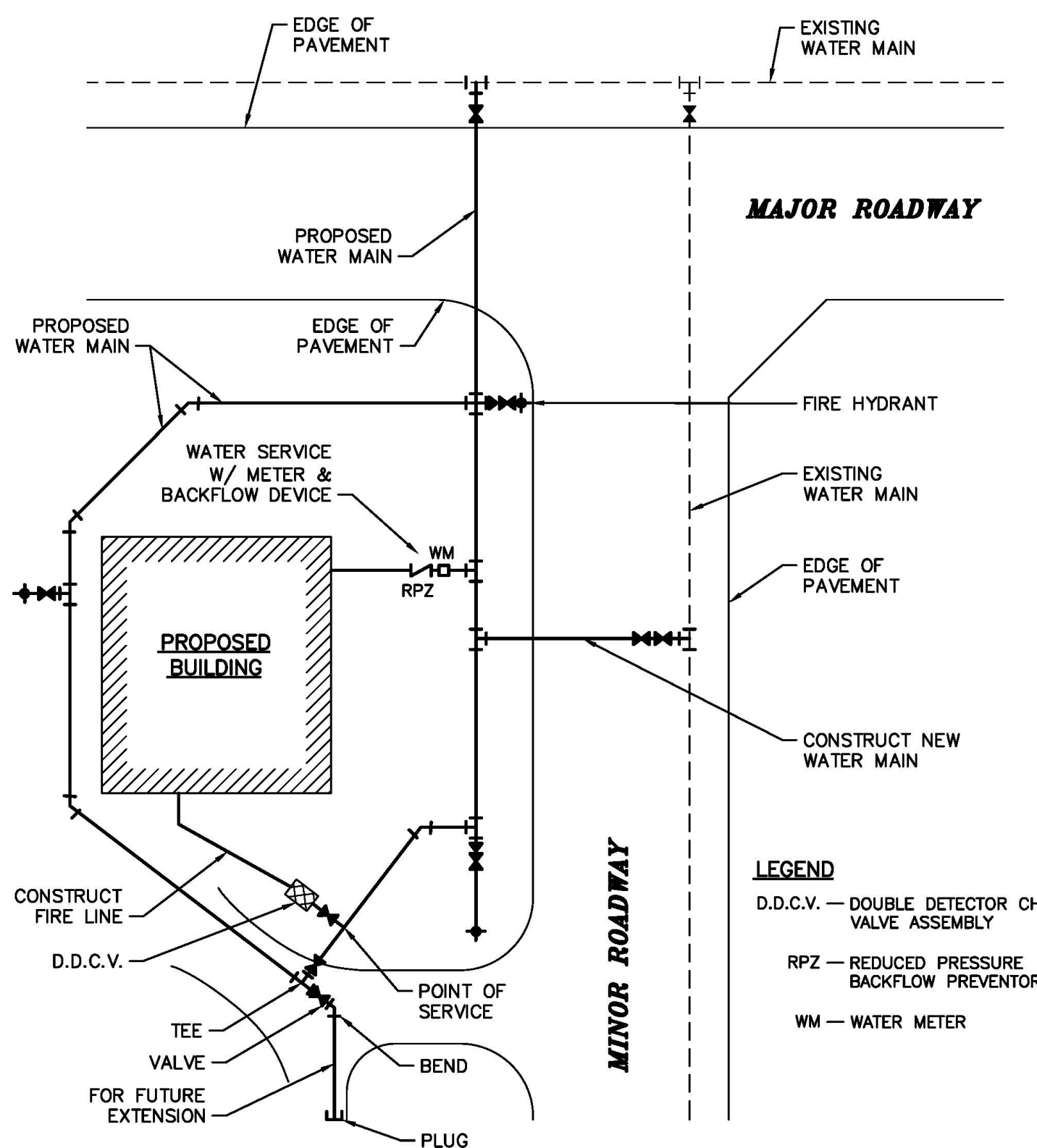
- NOTES:**
- DEPTH OF COVER TO TOP OF PVC UNDERGROUND PIPING SHALL BE NOT LESS THAN 36" MINIMUM.
  - DEPTH OF COVER TO TOP OF DIP UNDERGROUND PIPING SHALL BE NOT LESS THAN 30" MINIMUM.

**STANDARD FIRE DEPARTMENT CONNECTION DETAIL**



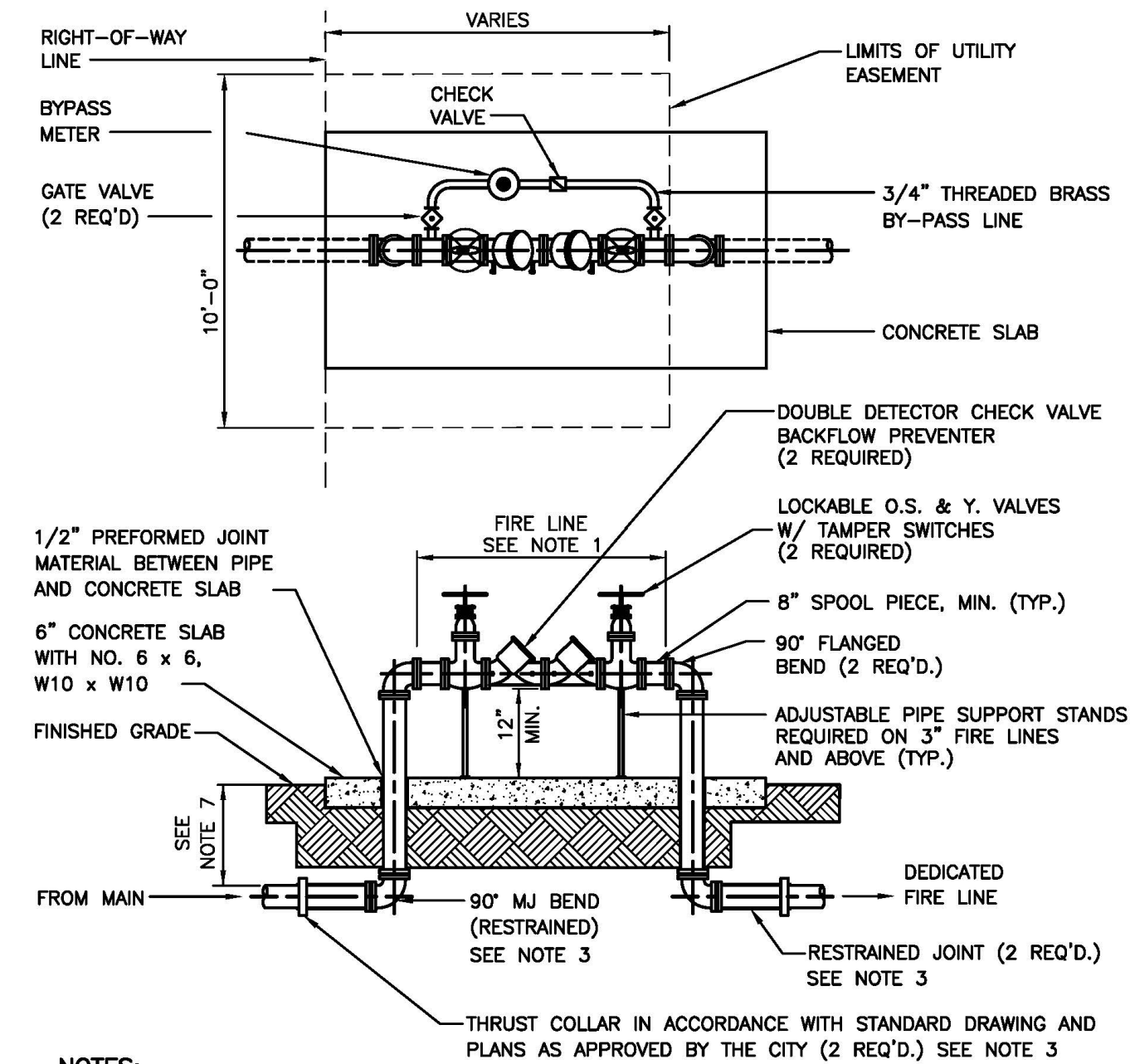
**TYP. FIRE HYDRANT/FIRE DEPT. CONNECTION ISLAND DETAIL (PLAN VIEW)**

**STANDARD FIRE HYDRANT PLACEMENT DETAIL**



**LOOPED WATER MAIN SYSTEM**

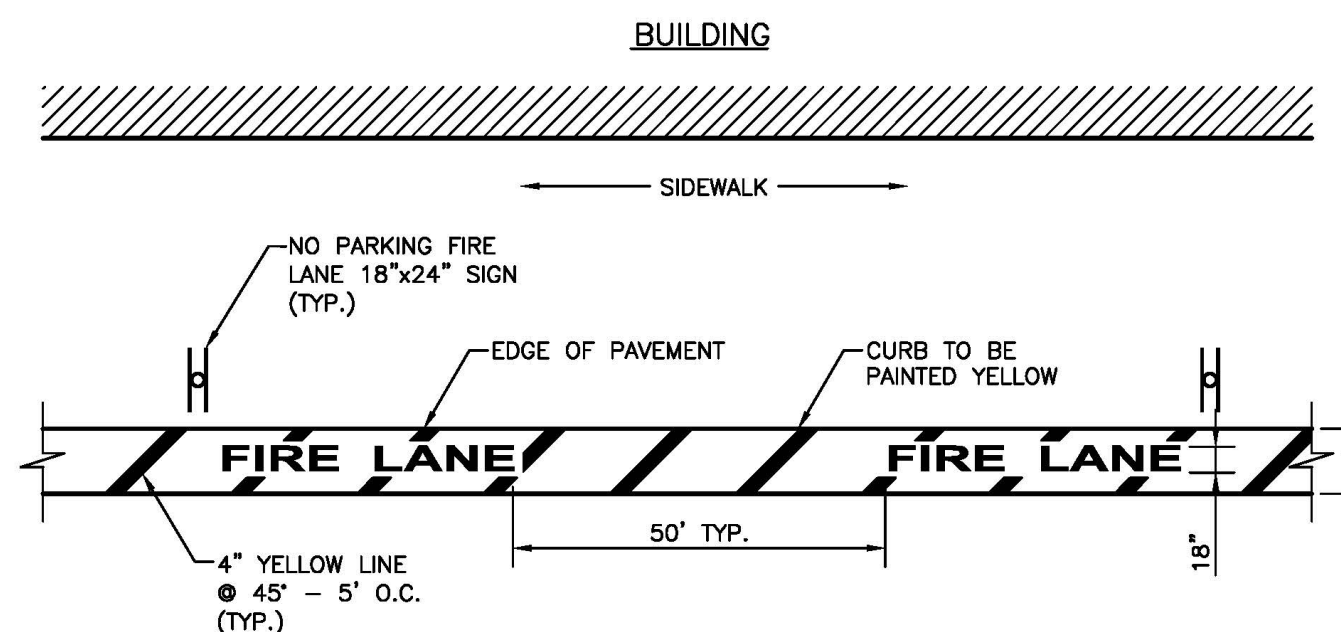
- LEGEND**
- D.D.C.V. — DOUBLE DETECTOR CHECK VALVE ASSEMBLY
  - RPZ — REDUCED PRESSURE BACKFLOW PREVENTOR
  - WM — WATER METER



**NOTES:**

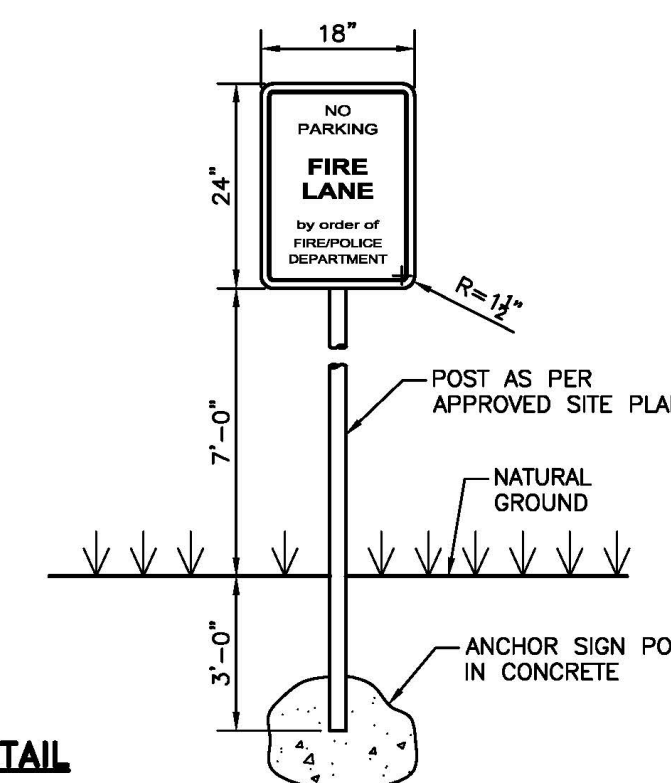
- ALL PIPE AND FITTINGS 2" AND SMALLER SHALL BE THREADED BRASS.
- ALL PIPE FITTINGS 4" DIA. AND LARGER SHALL BE CEMENT-LINED DUCTILE IRON WITH FLANGED FITTINGS FOR ABOVEGROUND USE. MECHANICAL JOINT FITTINGS SHALL BE USED UNDERGROUND.
- MEGALUGS, OR APPROVED EQUAL, CAN BE USED IN PLACE OF RESTRAINED JOINTS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

**FIRE LINE-DOUBLE DETECTOR CHECK VALVE ASSEMBLY DETAIL**



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

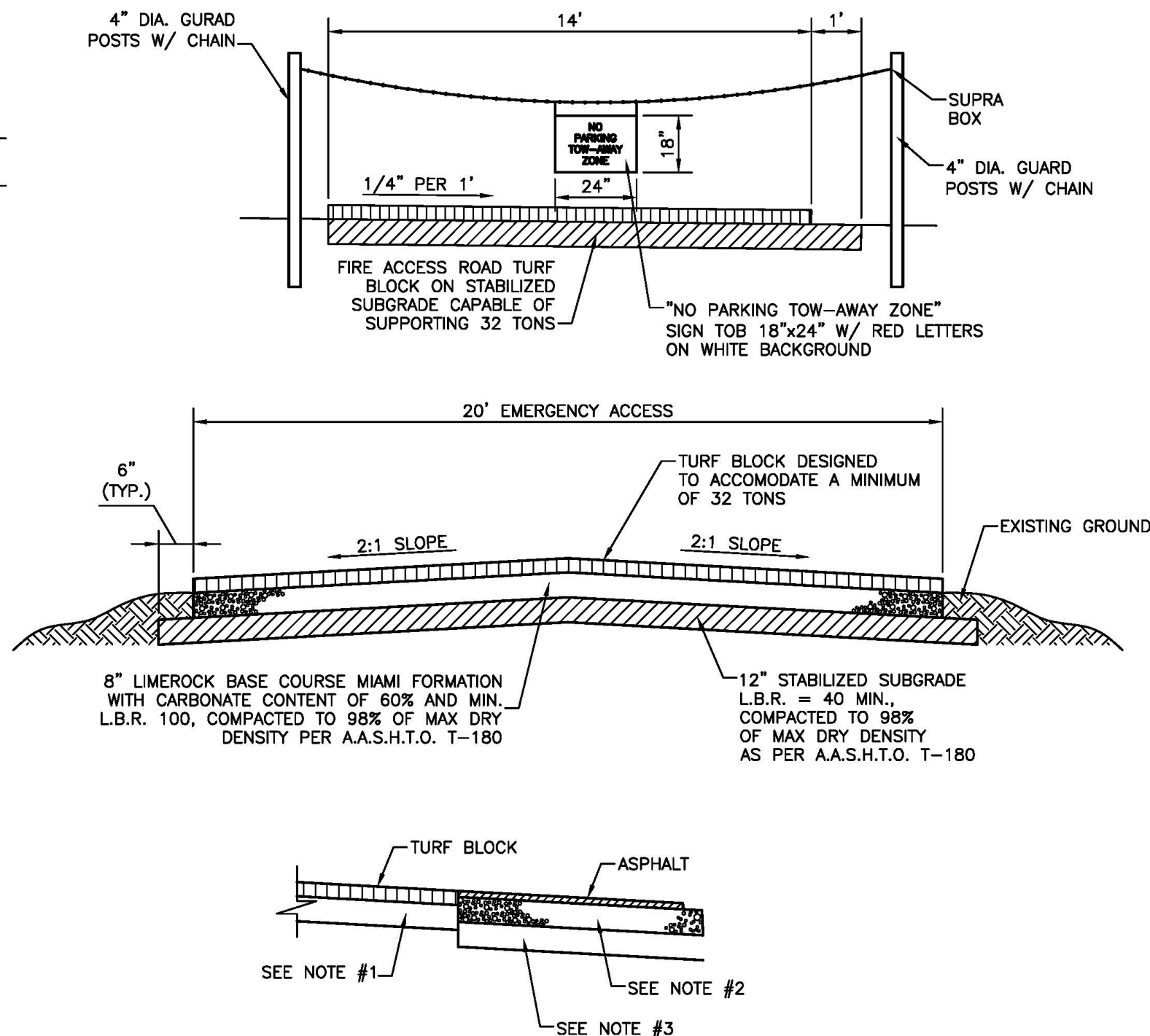
**FIRE LANE STRIPING DETAIL**



**SIGN DETAIL**

- NOTES:**
- "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.
  - SIGN TO BE POSTED 7' ABOVE FINISHED GRADE. ON B.C.T.E.D. STANDARD POST.

**FIRE LANE DETAIL**



**NOTES:**

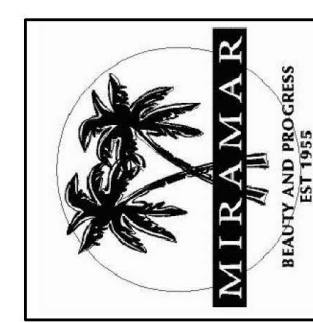
- 12" STABILIZED SUBGRADE MIN. LBR 40 COMPACTED TO 98% A.A.S.H.T.O. T-180 CAPABLE OF SUPPORTING 32 TONS.
- THE BASE COURSE SHALL BE LIMEROCK (70% CALCIUM), 8" THICK COMPACTED IN ACCORDANCE WITH A.A.S.H.T.O. SPECIFICATION T-180 TO 98% DENSITY.
- ALL ORGANIC AND YIELDING MATERIAL WITHIN THE LIMITS SHOWN 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**