

REVISIONS AND ISSUANCE		
NO.	DATE	DESCRIPTION
	08/13/2018	PRICING
△	08/31/2018	ISSUE FOR PERMIT
	1-14-19	CITY COMMENTS

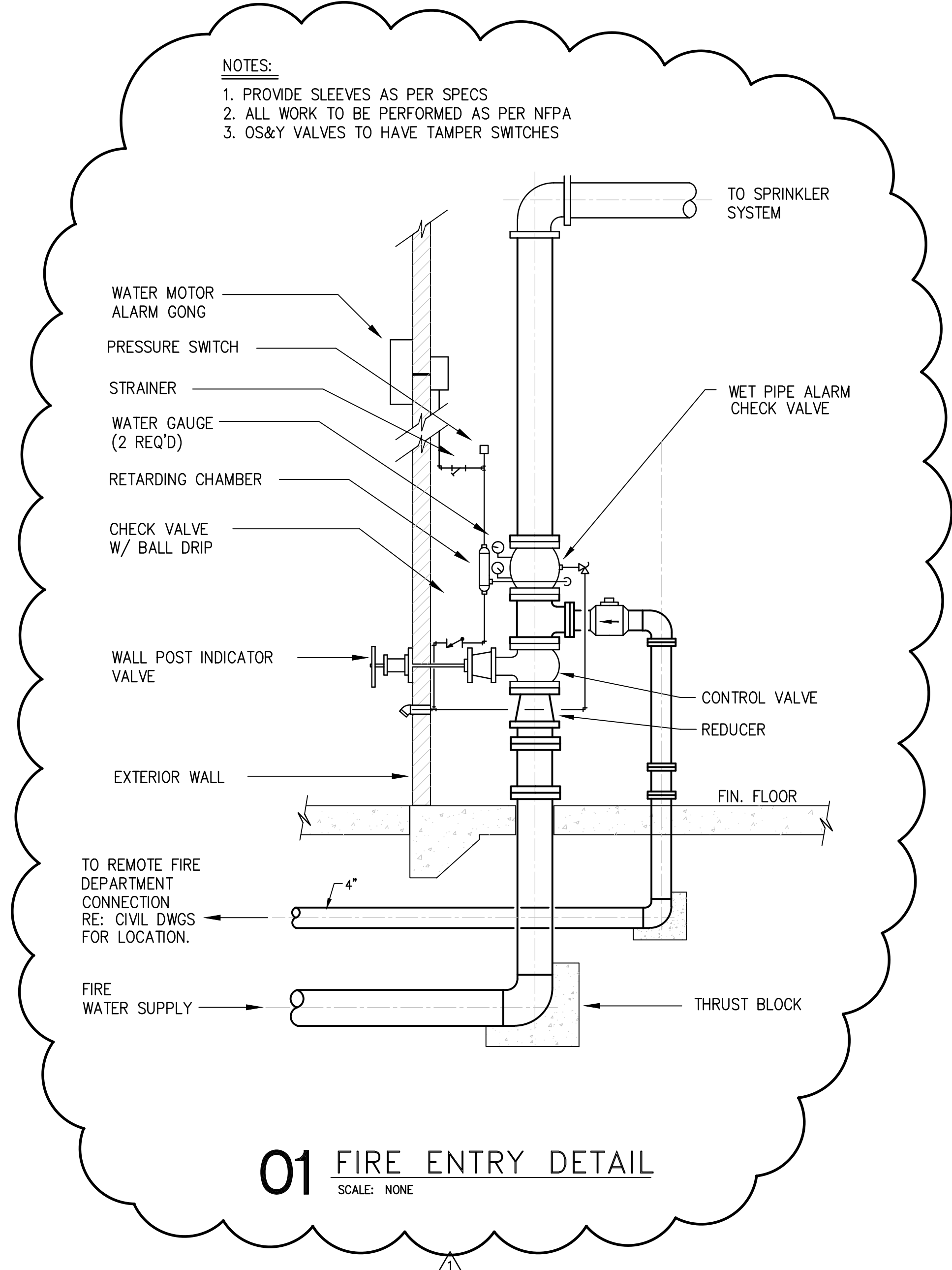
**SPRINKLER PIPING GENERAL NOTES:**

- ALL PIPE DIMENSIONS ARE "CUT" (END TO END OR CENTER TO END).
  - ALL HANGER RODS ARE CUT LENGTHS.
  - ALL MATERIALS SHALL BE UL LISTED OR FM APPROVED.
  - ALL MATERIALS MUST BE OF DOMESTIC MANUFACTURE.
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- ALL 1" THRU 2" PIPE TO BE SCHEDULE 40 BLACK STEEL ASTM A-135/A-795 DOMESTIC.
  - ALL 2 1/2" AND LARGER PIPE TO BE SCHEDULE 10 BLACK STEEL ASTM A-135/A-795 DOMESTIC.
  - ALL THREADED PIPE TO HAVE SCREWED CAST IRON FITTINGS, CLASS 125.
  - ALL GROOVED PIPE TO HAVE VICTAULIC FIRELOCK GROOVED FITTINGS WITH STYLE 005 GROOVED COUPLINGS.
  - VICTAULIC STYLE 750 GROOVED REDUCING COUPLINGS ARE PERMITTED.
  - ALL WELDED OUTLETS ON PIPING SHALL BE SHOP WELDED, UL LISTED AND FM APPROVED.
  - ALL WALL PENETRATIONS THROUGH MASONRY, CMU, CONCRETE & FIRE RATED WALLS SHALL HAVE SCHEDULE 40 GALVANIZED SLEEVED, SIZED FOR MINIMUM 1 INCH SPACE BETWEEN SLEEVE AND CARRIER PIPE.
  - ALL WALL PENETRATIONS THROUGH NON-FIRE RATED WALLS TO BE FORMED WITH 18 GAUGE GALVANIZED STEEL.
- \*\*\*\*\*
- SYSTEM DESIGN:
- ALL SPRINKLER SHALL BE LISTED AS QUICK RESPONSE.
  - SYSTEM IS HYDRAULICALLY CALCULATED FOR .20 GPM OVER 1500 SQ. FT. FOR ORDINARY HAZARD OCCUPANCY.
  - ORDINARY HAZARD OCCUPANCY WITH MAXIMUM SPRINKLER SPACING OF 130 SQ. FT. FOR THE FOLLOWING ROOMS: STORAGE, MECHANICAL, ELECTRICAL, JANITOR, ETC.
  - ADD 100 GPM FOR OUTSIDE HOSE STREAMS FOR LIGHT HAZARD OCCUPANCY, AND 250 GPM FOR ORDINARY HAZARD OCCUPANCY.
  - SPRINKLER HEADS ARE REQUIRED TO BE IN THE CENTER OF TILES. (WHERE THERE IS A CEILING)

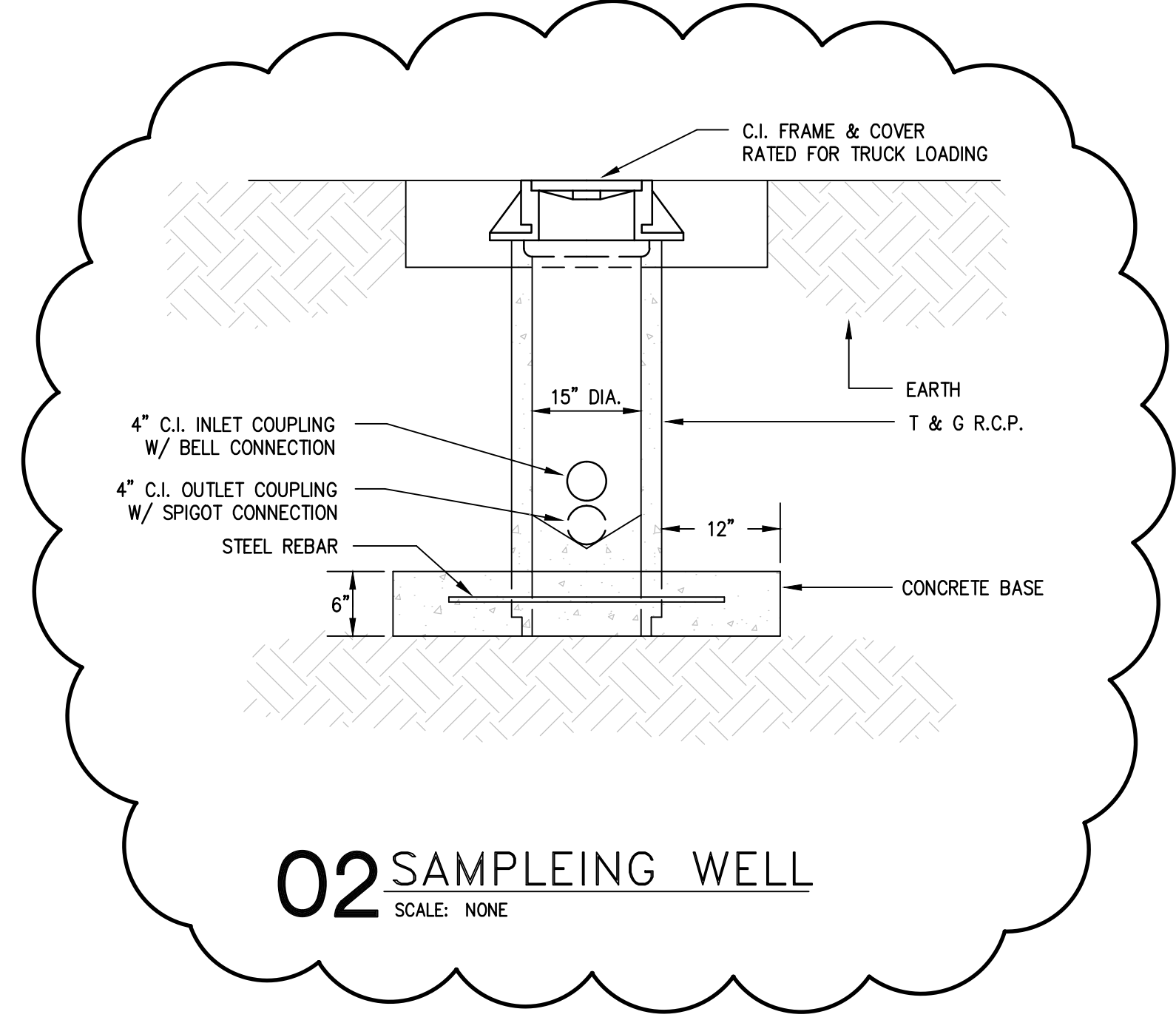
**FIRE PROTECTION NOTES:**

1. THIS BUILDING AREA SHALL BE COMPLETELY SPRINKLERED WITH A WET PIPE SPRINKLER SYSTEM FOR LIGHT HAZARD IN ACCORDANCE WITH NFPA 13 & LOCAL AUTHORITY HAVING JURISDICTION.
  - .10 GPM / SQ. FT. FOR THE MOST REMOTE 1500 SQ. FT.
  - 130 SQ. FT. PER HEAD - MAXIMUM COVERAGE.
2. THE AUTOMATIC SPRINKLER SYSTEM SHALL BE HYDRAULICALLY CALCULATED IN ACCORDANCE WITH NFPA 13 & LOCAL CODE.

- NOTES:**
1. PROVIDE SLEEVES AS PER SPECS
  2. ALL WORK TO BE PERFORMED AS PER NFPA
  3. OS&Y VALVES TO HAVE TAMPER SWITCHES



**01 FIRE ENTRY DETAIL**  
SCALE: NONE



**02 SAMPLING WELL**  
SCALE: NONE

**IVY KIDS EARLY LEARNING CENTER**  
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DRAWING TITLE	
<b>PLUMBING NOTES &amp; DETAIL</b>	
DRAWN BY	CHECKED BY
FK	CK
DATE	JOB NO.
03/30/2017	sedona lakes
DRAWING NO.	
<b>P-6.0</b>	