

REVISIONS AND ISSUANCE		
NO.	DATE	DESCRIPTION
	08/13/2018	PRICING

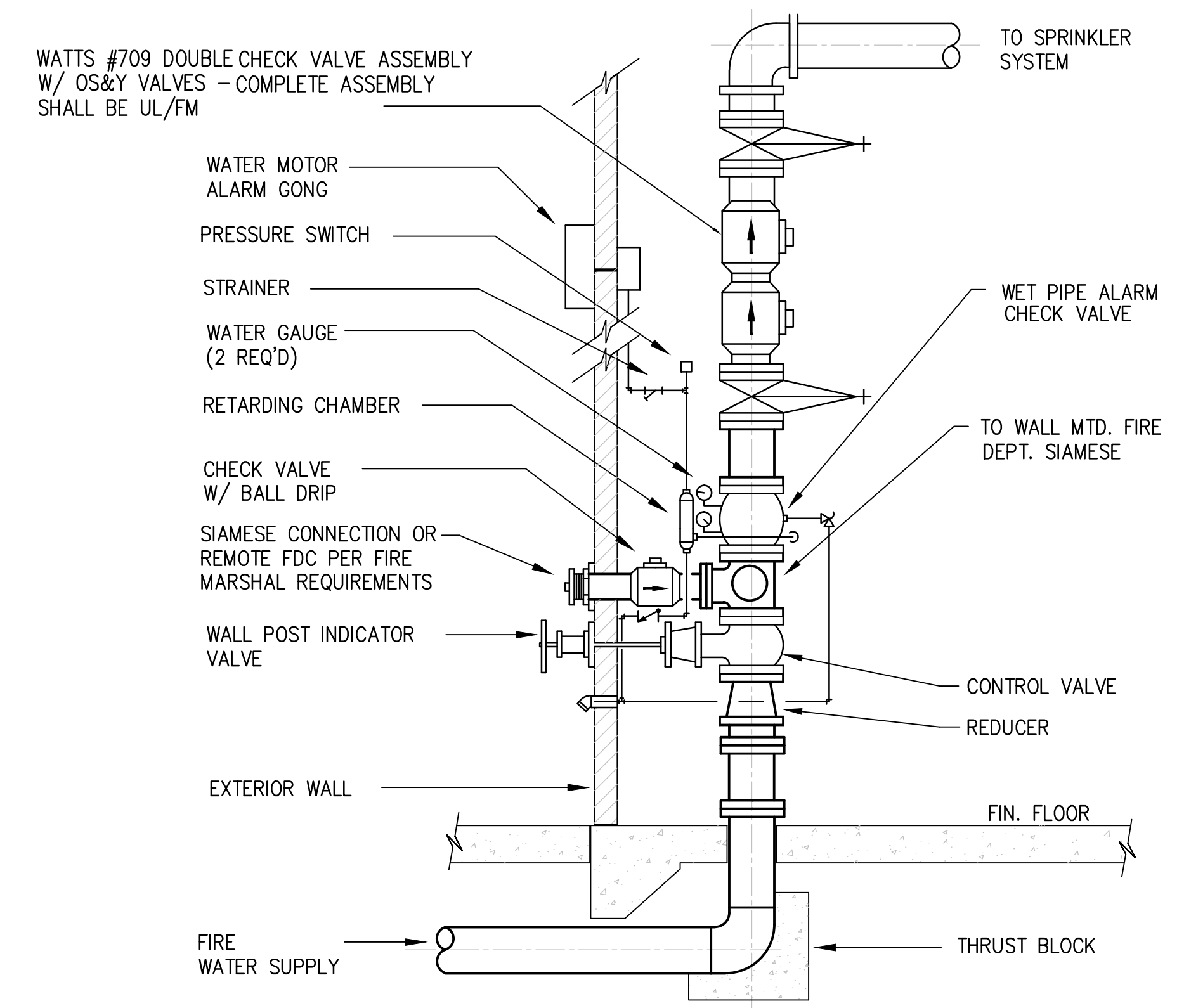
SPRINKLER PIPING GENERAL NOTES:

- *****
- 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.
- *****
- 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.

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- 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
 4. FDC LOCATION SHALL BE APPROVED BY FIRE MARSHAL.

01 FIRE ENTRY DETAIL
SCALE: NONE

IVY KIDS EARLY LEARNING CENTER
 4434 CR 94
 Manvel, Tx 77578

MEP Consultants
 BLK Engineering & Consulting Co.
 3423 Spring Arbor Ln.
 Sugar Land, TX 77479
 (t) 832 563 3127
 TBPE Firm #12672

THESE DOCUMENTS ARE
 FOR INTERIM REVIEW AND NOT
 FOR CONSTRUCTION, BIDDING
 OR PERMIT PURPOSES.
 RESPONSIBLE ENGINEER:
 CHIH-TAI KENG
 79201
 08-13-2018

DRAWING TITLE	
PLUMBING NOTES & DETAIL	
DRAWN BY FK	CHECKED BY CK
DATE 03/30/2017	JOB NO. sedona lakes
DRAWING NO. P-6.0	