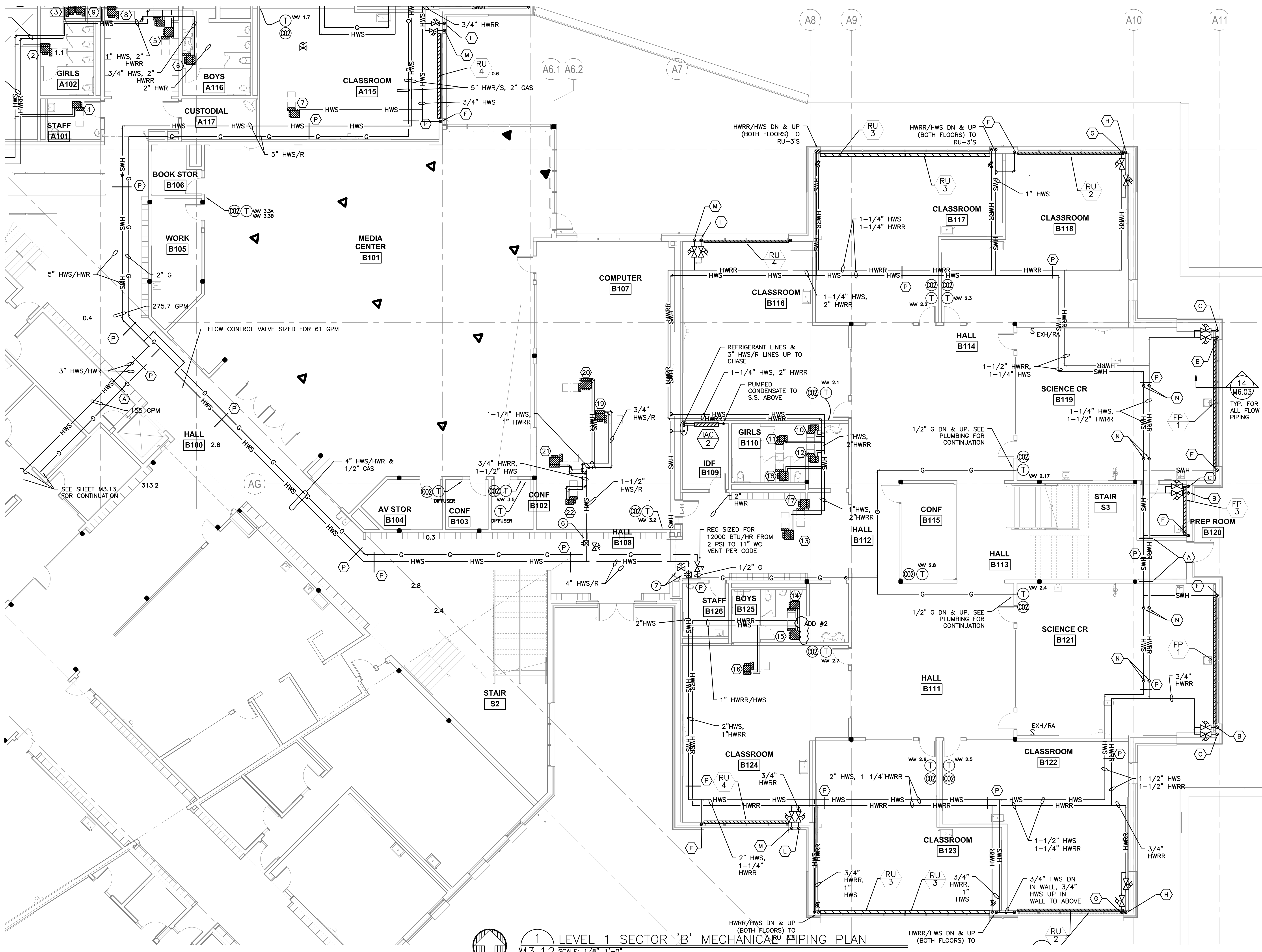
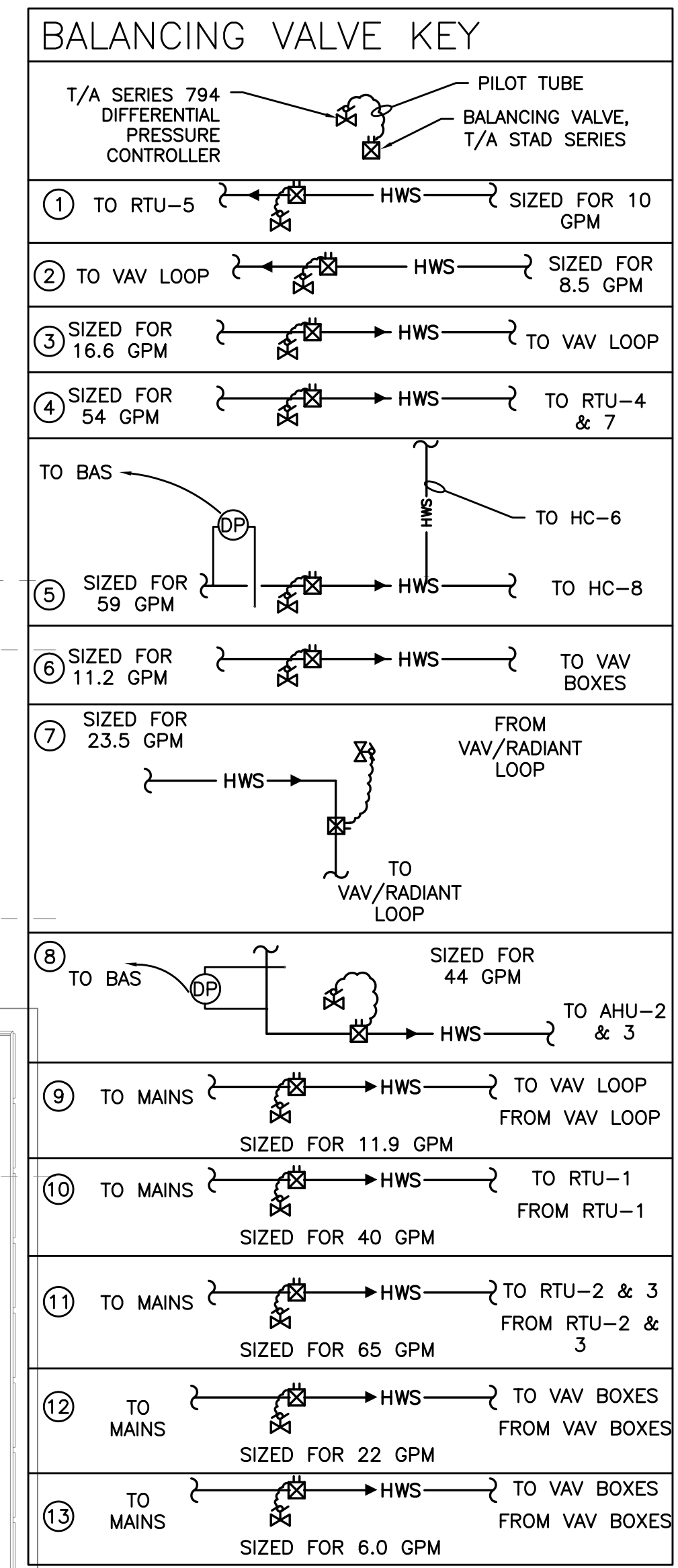
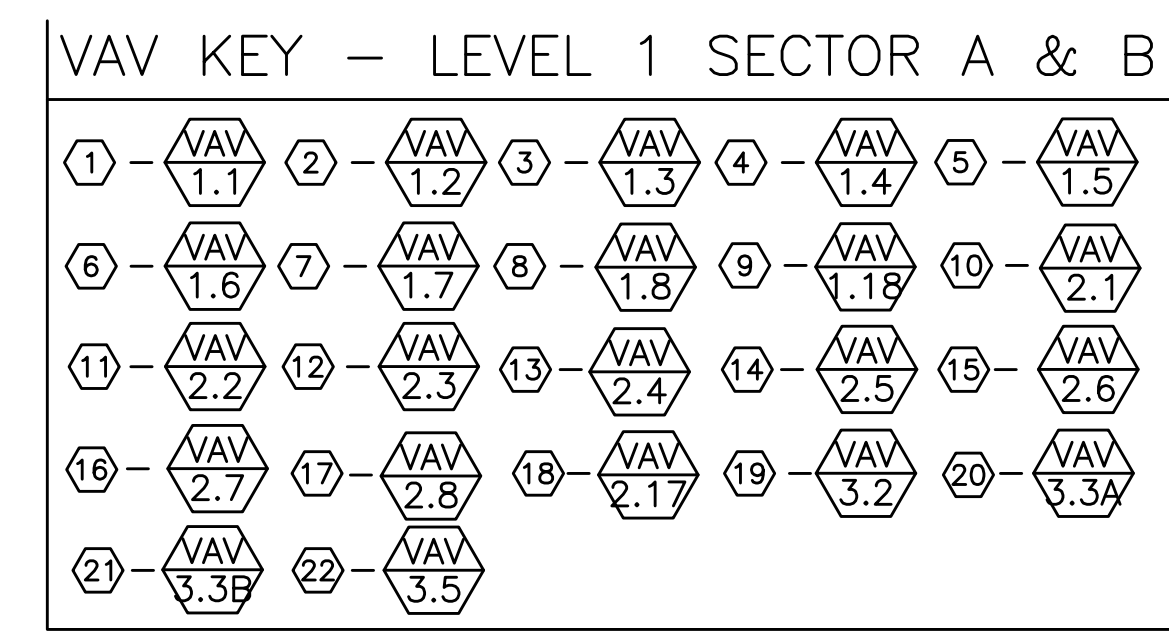


- M3.10, M3.11 & M3.12 SHEET NOTES:**
- (A) - FIRE SEAL PENETRATION.
  - (B) - HWRR TO FP-1 ON MAIN LEVEL.
  - (C) - HWRR TO FP-1 ON SECOND LEVEL.
  - (D) - HWRR TO FP-2 ON MAIN LEVEL.
  - (E) - HWRR TO FP-2 ON SECOND LEVEL.
  - (F) - 1/2" HWS UP TO SERVE RADIATOR ON UPPER LEVEL & 1/2" HWS DN TO SERVE RADIATOR ON MAIN LEVEL.
  - (G) - HWRR TO RU-2 ON MAIN LEVEL.
  - (H) - HWRR TO RU-2 ON SECOND LEVEL.
  - (I) - NOT USED
  - (J) - HWRR TO RU-3 ON MAIN LEVEL.
  - (K) - HWRR TO RU-3 ON SECOND LEVEL.
  - (L) - HWRR TO RU-4 ON MAIN LEVEL.
  - (M) - HWRR TO RU-4 ON SECOND LEVEL.
  - (N) - PIPING TO BE ROUTED UP/DN TO TRANSITION OVER ASSOCIATED DUCTWORK. EXACT LOCATION TO BE VERIFIED ON SITE.
  - (O) - NOT USED
  - (P) - SEISMIC PIPE SUPPORT. SEE SPECS, TYP.

- GENERAL NOTES:**
- SEE (3) FOR SUPPORT OF PEX PIPE.
  - SEE (9) FOR SEISMIC PIPE SUPPORT. NOTE: SEISMIC SUPPORTS SHOWN ARE BASED ON ANTICIPATED REQUIREMENTS. DESIGN OF SEISMIC AS REQUIRED BY SPECIFICATIONS IS BY OTHERS.
  - SEE (13) FOR NON-SEISMIC PIPE SUPPORT.
  - FIRE SEALING OF PIPES MAY NOT BE SHOWN IN ALL LOCATIONS REQUIRED. SEE ARCHITECTURAL DRAWING FOR FIRE RATED WALL.
  - SEE ARCHITECTURAL DRAWINGS FOR ACOUSTICALLY IMPORTANT WALLS (WALL TYPES), SEAL PENETRATIONS IN THOSE WALLS PER DETAIL 10/M6.04



**1 LEVEL 1 SECTOR 'B' MECHANICAL PIPING PLAN**  
**M3.12** SCALE: 1/8"=1'-0"

**RECORD DRAWING:**  
 THIS DRAWING HAS BEEN UPDATED TO REFLECT CHANGES MADE DURING CONSTRUCTION BASED UPON INFORMATION FURNISHED TO THE ENGINEER BY THE INSTALLATION CONTRACTOR. NO WARRANTY, EITHER EXPLICIT OR IMPLIED IS GIVEN BY MFA, INC. AS TO THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION.

**RECORD DRAWINGS**

key plan

phase | RECORD DRAWING

date | 11/09/2015

revisions |

project # | 11082

LEVEL 1 SECTOR 'B'  
 MECHANICAL PIPING PLAN

**M3.12**

g:\dowa\architects\6470\_parkrose middle school\mechanical\record drawings\complete - call area.pdf\6470-m3.12.mxd 3/20/2016 10:07 AM