



# CRM GROUP

## Construction Resource Management

### MVUSD Hayfork High School Alterations to Classroom Bldg (Increment 1) BID PACKAGE MV2019.1.11 Bldg. Concrete/Drywall/Metal Products

#### Scope Clarification

##### General Notes:

1. The following scope is offered as assistance to complete a thorough scope letter. Bids and budget breakout shall include a scope letter prepared by the contractor
2. This work shall be completed per plans and specifications
3. Pre-bid RFI's should be submitted if the plans are not thorough, lack dimensions, or if you have questions pertaining to this bid
4. Review all pages of the plans
5. Budget breakout (itemized bid sheet) is required for all scopes
6. Contractors shall notify CRM Group of any long lead items or material supply issues that could affect schedule.

##### MVUSD will provide the following:

1. Temp Fencing around the construction areas
2. Portable toilet and hand wash station
3. Power available to the construction areas
4. All general demo as per markups, plans, specs, addenda, etc.
  - a. Contractor shall complete any leftover demo
5. All dumpsters and trash dispensers

##### Cast in Concrete Structural Steel

1. Concrete contractor shall coordinate with Structural Steel Contractor (scope is in Rough Carpentry Bid Pack) on steel components that are to be cast in concrete.
  - a. This includes but is not limited to: steel columns cast in concrete. (see plans for details)

##### Demo

1. Contractor shall provide any necessary remaining demo to complete the scope of work.
2. Contractor shall be responsible to pick-up all trash produced from work and deposit in the correct dumpster. (Provided by MVUSD)

**Interior Concrete:**

1. Contractor shall place all interior concrete including footings, curbs, slabs, etc. as per attached markups and project plans/specs.
2. Contractor shall be responsible to properly set grades for all pour-backs, slabs, curbs, etc.
  - a. Contractor shall be responsible to set grades for all floors with floor drains (coordinate with Plumbing contractor)
    - i. Contractor shall ensure finish grades of all floor embeds are congruous with final finishes
3. Contractor shall not use any curing compounds or chemicals on the finish surface so not to affect the proper bonding of finish materials

**Drywall**

1. Contractor shall for the following on all interior walls/ceilings/columns per attached markups and project plans/specs:
  - a. Per plan and spec, 5/8" Type X Mold Resistant drywall on all interior walls
  - b. Finishes where exposed shall be Level 4 min.
  - c. Finishes shall be at least one foot beyond any transition line where other products will cover the drywall
    - a. Finishes under areas covering drywall shall be Level 2 min (will allow one pass to provide this level of finish)
  - d. Drywall contractor responsible for the placement of texture at locations that are to be painted per markups, plans, specs.
  - e. Contractor shall coordinate with District Project Manager on the texture application prior to placing the texture to verify the pattern.
    - a. Contractor shall provide a mock-up (4' x 4' min) for review prior to texturing
      - i. This mock-up shall be submitted at least 3 days prior to texturing operation
      - ii. The approved mock-up shall be used to compare to the actual texture applied
        1. Deviations from the approved mock-up may warrant replacement
  - f. Contractor shall use a straight-edge and use shims to provide a uniform wall finish
  - g. All bathrooms have FRP on walls up to ceiling (FRP by others).
  - h. Drywall at 9' grid height shall be at 9'-4" min. (to top of top-plate at exterior walls)
  - i. Drywall at 10'-0" grid height shall be 10'-4" min. (to top of top-plate at exterior walls)
  - j. Contractor shall be responsible for all fire-proofing, mineral-wool, rated walls and columns
  - k. Fire Sprinkler Plan is included in this Scope Clarification to show location of sprinkler piping/pipe which will require installation in ceilings installed prior to ceiling drywall
  - l. Unless noted, drywall shall be installed from floor to ceiling at all locations

**Metal Products:**

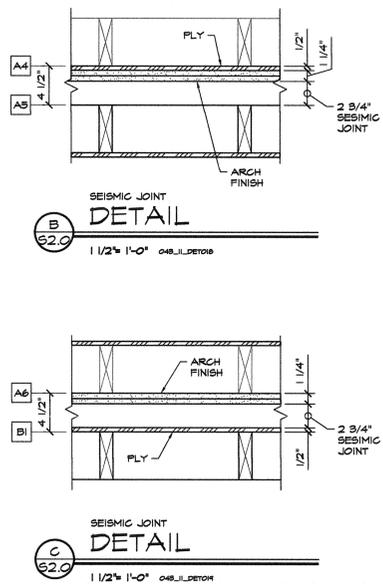
1. Contractor shall provide and install all RWL's (min of 14), Ladders (min of 2), Hydration Station Railing, supports, mounting brackets, etc. as shown on markups, project plans and specs

**Misc. Notes:**

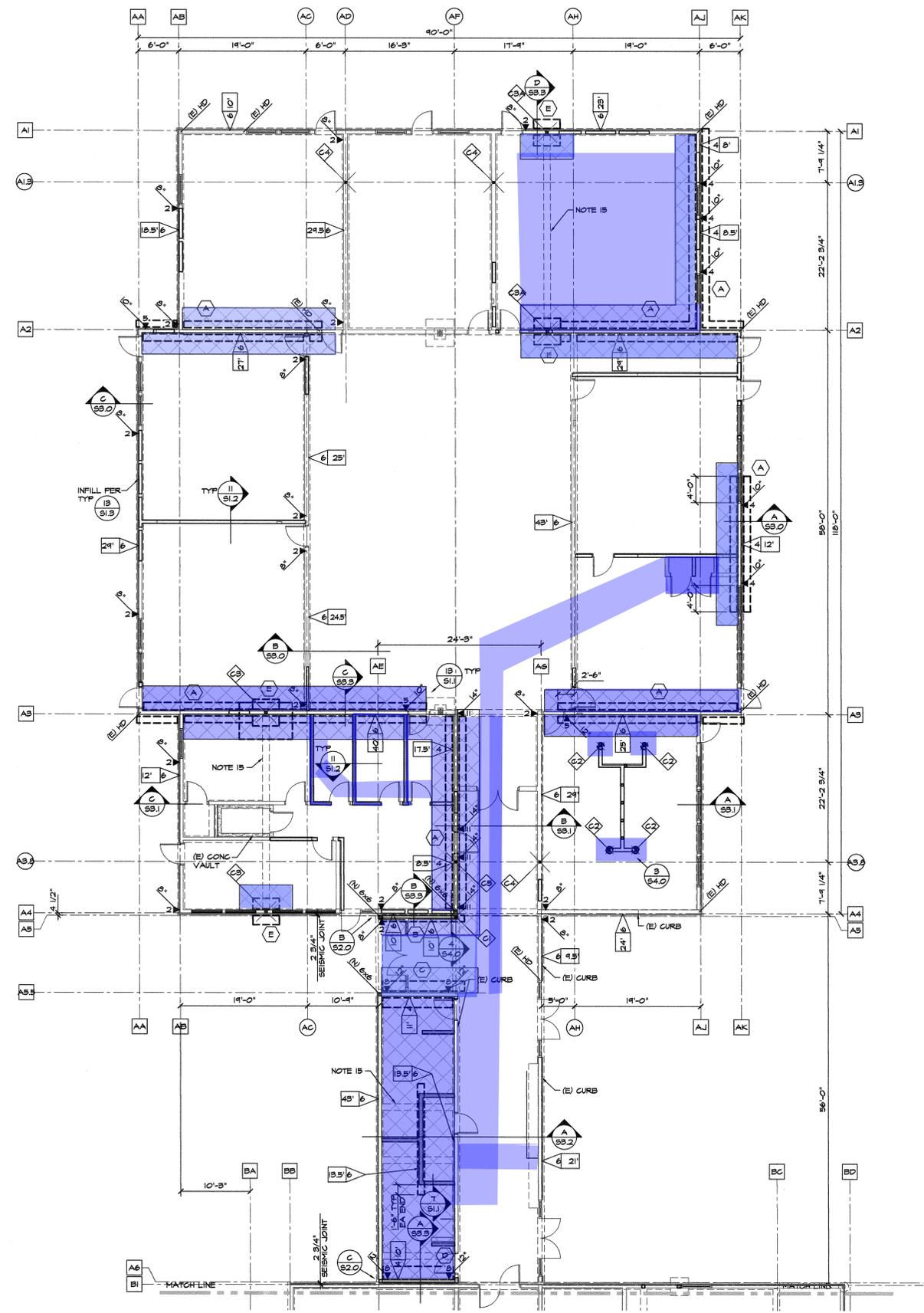
1. Contractor shall provide District Project Manager (CRM) with a minimum 3-day notice prior to needing a DSA Project Inspector (P.I.) inspection as required to place all structural reinforcement, embeds, concrete, etc.
  - a. All concrete within this bid pack and scope of work is considered structural and shall require P.I. inspection.

2. Contractor shall review and include all concrete work shown on the markups and DSA Approved Plans and Specs.
3. Contractor is responsible to remove all materials needed to place concrete, that has not been previously removed.
  - a. All materials below (E) concrete/asphalt are contractor's responsibility.
4. Contractor shall be responsible to ensure all Ready-mix concrete trucks cleanout in district provided concrete washout.
5. Contractor shall adhere to Parking/Staging Plan provided by District Project Manager (CRM).
  - a. Contractor are allowed one vehicle in the fenced construction area and only if it is proven necessary can it remain.

*This document shall be used only as a clarification of the intent of the DSA Approved Plans and Project Manual. While this document is not meant to add to the design of the project, it is formal, and the contractor shall be responsible for its content.*



Legend:  
 = Concrete areas (already removed)  
 = Minimum of Concrete replacement



**FOUNDATION NOTES**

- FINISH FLOOR EL. = +0'-0" (REF) = +2392.16' DATUM
- DIMENSIONS FOR EXISTING STRUCTURE SHALL BE FIELD VERIFIED
- COLUMNS ARE CENTERED ON GRID LINES OR CENTERED ON WALL TYP. UNO.
- FOOTINGS ARE CENTERED ON COLUMNS TYP UNO
- FOOTINGS NOT NOTED TO BE TYPE (A) UNO
- SEE TYPICAL NOTES & DETAILS ON SHEETS S1.0 - S1.3
- AVOID FOOTING PENETRATIONS & TRENCHING NEAR FOOTINGS. WHERE UNAVOIDABLE CONFORM TO DETAIL (E)
- CONTRACTOR SHALL CHECK FRAMING DIMENSIONS AGAINST THE ARCHITECTURAL PLANS AND NOTIFY ARCHITECT AND ENGINEER OF ANY DIMENSIONS AND/OR DISCREPANCIES BEFORE STARTING WORK.
- DIMENSIONS ARE TO FACE OF STUD WALL OR FACE OF COLUMN UNO
- CONTINUOUS FOOTING REINFORCEMENT TO EXTEND TO END FACE OF PERPENDICULAR OR END FOOTING, TYP.
- VERIFY WITH ARCH DRAWINGS: SURFACE SLOPES/ DEPRESSED SLAB/ CURBS REFER TO DETAILS (3) (4) (5) (6)
- VERIFY IN FIELD THAT (E) SILL BOLT SIZE & SPACING MEETS REQUIREMENTS OF SHEARWALL SCHEDULE. ADD 5/8" EPOXY ANCHORS 1/4" EMBED IF REQUIRED TO MEET CRITERIA.
- ALL SILL BOLTS TO HAVE WASHER PER (6) (7)
- VERIFY LOCATION OF (E) HDS NOTED ON PLAN
- THESE FOOTINGS CAN BE SECTIONED AND REMOVED AS NEEDED FOR UTILITIES OR (N) FTGS. NOT APPLICABLE UNLESS NOTED

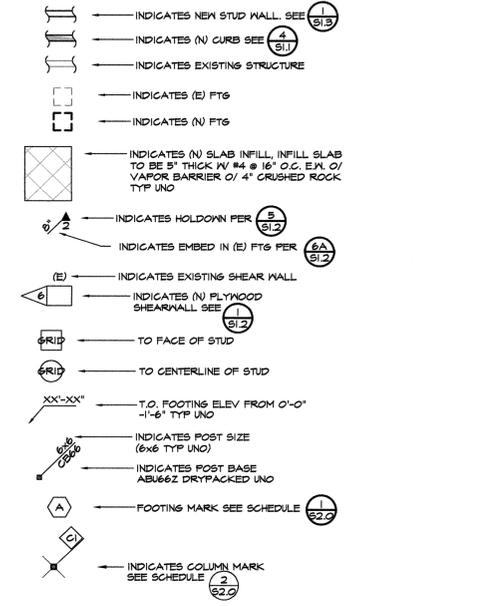
**WALL FRAMING NOTES**

- ALL EXTERIOR WALLS ARE 2x6 STUDS @ 16" O.C. UNO. 3x STUDS & PLATES REQ'D WHERE NOTED IN SHEARWALL SCHEDULE.
- ALL INTERIOR STRUCTURAL WOOD STUD FRAMING TO BE 2x6 @ 16" O.C. UNO. PROVIDE 3x STUDS & PLATES AS REQ'D.
- ALL EXTERIOR WALLS ARE SHEATHED IN 1/2" APA RATED SHEATHING 32/16 EXPOSURE 1 IN 10d @ 6" O.C. EDGES @ 12" O.C. FIELD NAILING UNO
- COORDINATE W/ ARCH DWGS FOR WINDOWS, DOORS & OPENINGS IN WALLS.
- ALL WOOD SHALL BE 6" ABOVE GRADE MIN
- ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED OR EQUAL, TYP
- FOR SMALL OPENINGS IN SHEARWALLS THAT DO NOT CUT STUDS SEE NO MORE THAN 2 OPENINGS IN ANY SHEARWALL W/ NO SEQR APPROVAL (12) (13)

**SLAB ON GRADE NOTES**

- SEE S1.1 FOR JOINT DETAILS
- JOINTS SHALL BE SPACED TO PROVIDE SQUARE OR RECTANGULAR SECTIONS WITH ANY SIDE DIMENSION NOT TO EXCEED 1 1/2 TIMES ITS ADJACENT SIDE.
- MAXIMUM JT SPACINGS SHALL NOT EXCEED 10'-0" UNO ON PLAN
- WATER CEMENT RATIO TO BE A MAXIMUM OF 0.45
- MOIST CURING REQUIRED FOR A MINIMUM OF 7 DAYS

**LEGEND**



**FOOTING SCHEDULE (1) (S2.0)**

MARK	SIZE	REIN'	NOTES
(A)	3'-0" WIDE x 1'-6" MIN DEEP CONT.	(4) #5 TOP & BOT #4 @ 12" O.C. TRANSV	MATCH DEPTH OF (E) FTG
(B)	2'-0" WIDE x 1'-6" MIN DEEP CONT.	(2) #5 TOP & BOT LONGIT #4 @ 12" O.C. TRANSV TOP & BOT	MATCH DEPTH OF (E) FTG
(C)	4'-0" WIDE x 2'-0" MIN DEEP CONT.	(6) #5 TOP & BOT LONGIT #4 @ 12" O.C. TRANSV T#B	MATCH DEPTH OF (E) FTG
(D)	3'-6" WIDE x 2'-0" MIN DEEP CONT.	(5) #5 TOP & BOT LONGIT #4 @ 12" O.C. TRANSV	MATCH DEPTH OF (E) FTG
(E)	4'-0" SQ x 1'-6" DEEP	(6) #5 TOP & BOT EM	

**COLUMN SCHEDULE (2) (S2.0)**

MARK	COL SIZE	BASE F. (axbxc)	DETAILS	NOTES
(C)	HSS 5x5x3/8	14"x14"x3/4"	(4) (S4.0)	(15) (S1.3)
(C2)	HSS 3x3x1/4		(3) (S4.0)	(15) (S1.3)
(C3)	HSS 5x5x3/8		(4) (S4.0)	(15) (S1.3)
(C4)	HSS 5x5x3/8		(4) (S4.0)	(15) (S1.3)
(C5)	HSS 3 1/2x3 1/2x1/4		(3) (S4.0)	(15) (S1.3)
(C6)	HSS 3 1/2x3 1/2x1/4		(3) (S4.0)	(15) (S1.3)

**PRK**

ARCHITECTURE  
 SACRAMENTO  
 2520 Venture Oaks Way, Suite 440  
 Sacramento, CA 95833  
 Phone No 916-622-0484  
 PRK.com

CONSTRUCTION DOCUMENTS

**HAYFORK HIGH SCHOOL ALTERATIONS TO CLASSROOM, MULTI-PURPOSE AND ADMINISTRATION - BUILDING A INCREMENT #1**

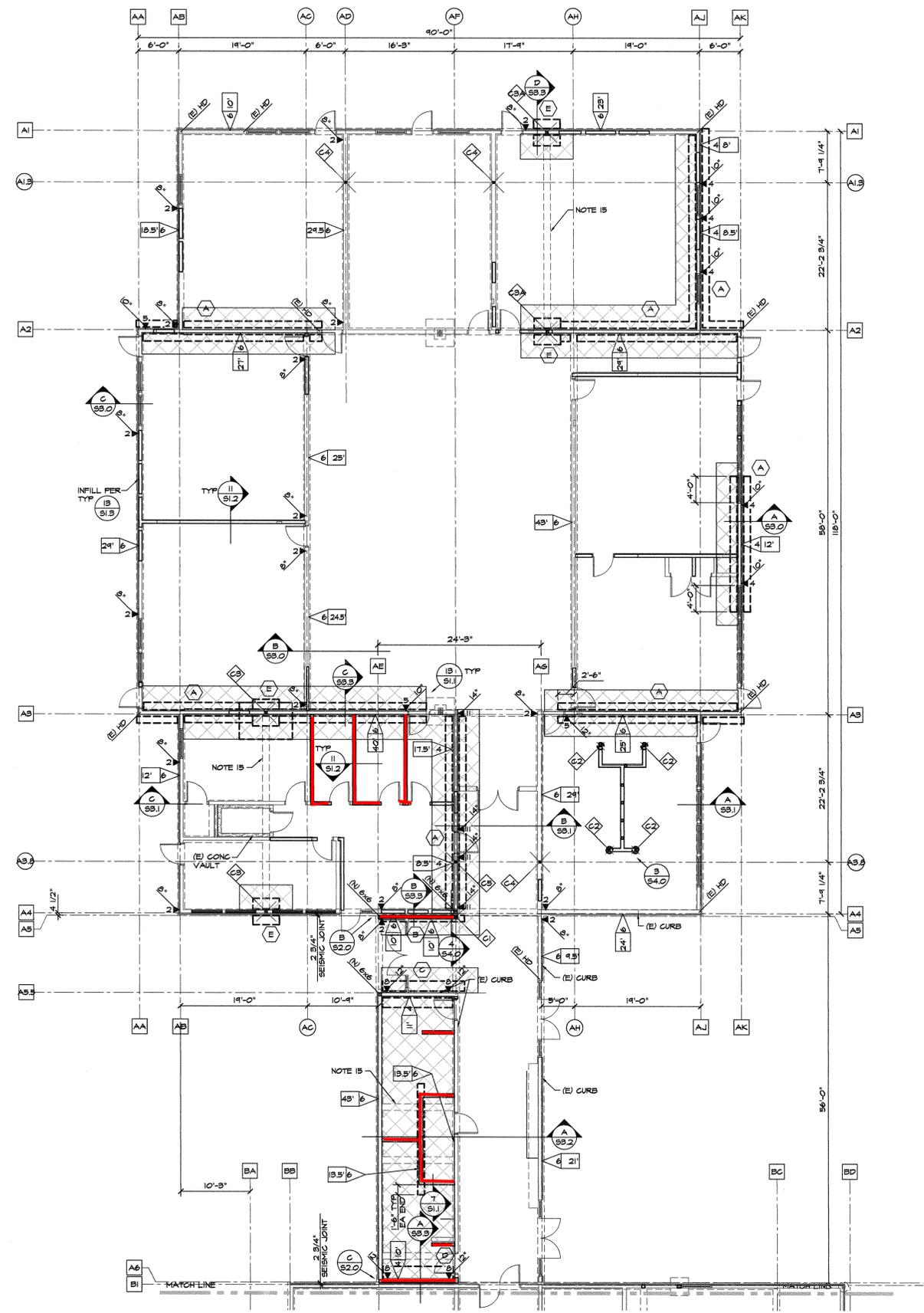
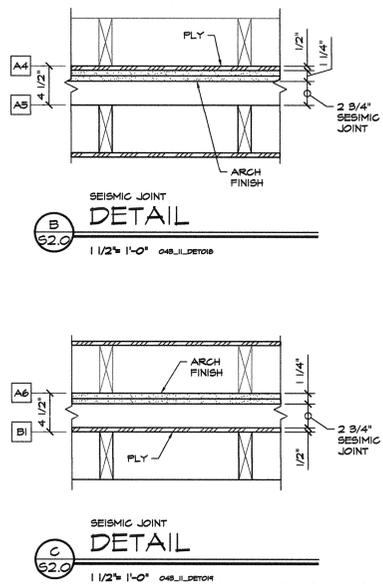
Mountain Valley Unified School District  
 231 OAK AVE, HAYFORK, CA 95041

FILE NO. 5344  
 IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APPL. 02-116570  
 ACS - FLS - SS  
 DATE 8-28-2018

REGISTERED PROFESSIONAL ARCHITECT  
 J. R. ROLLINS  
 ARCHITECTURE  
 STATE OF CALIFORNIA

CLIENT  
 MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT  
 PROJECT NUMBER  
 2017-043  
 DATE: 08-21-2018  
 DRAWN BY: EM  
 CHECKED BY: BJR  
 REVISIONS

CONSTRUCTION DOCUMENT  
**FOUNDATION PLAN BUILDING A**  
**S2.0-11**



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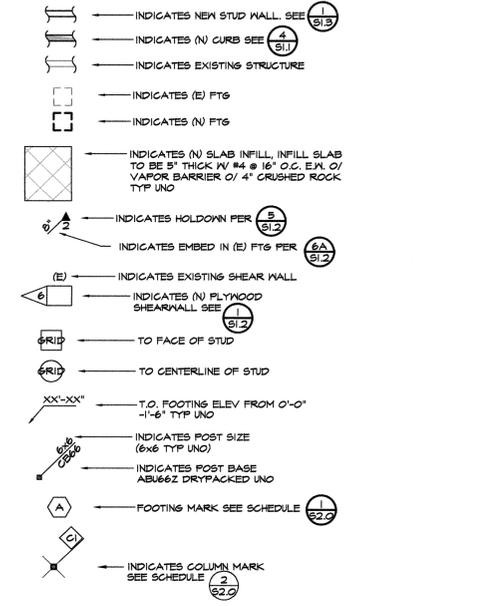
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**LEGEND**



**FOOTING SCHEDULE (1) (2) (3)**

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(D)	3'-6" WIDE x 2'-0" MIN DEEP CONT.	(5) #5 TOP & BOT LONGIT #4 @ 12" O.C. TRANSV	MATCH DEPTH OF (E) FTG
(E)	4'-0" SQ x 1'-6" DEEP	(6) #5 TOP & BOT EM	

**COLUMN SCHEDULE (4) (5)**

MARK	COL SIZE	BASE F. (axbxc)	DETAILS	NOTES
(1)	HSS 5x5x3/8	14"x14"x3/4"	(4) (5)	(15) (16)
(2)	HSS 3x3x1/4		(3) (4)	(15) (16)
(3)	HSS 5x5x3/8		(4) (5)	(15) (16)
(4)	HSS 5x5x3/8		(4) (5)	(15) (16)
(5)	HSS 3 1/2x3 1/2x1/4		(4) (5)	(15) (16)
(6)	HSS 3 1/2x3 1/2x1/4		(4) (5)	(15) (16)



**ARCHITECTURE**  
SACRAMENTO  
2520 Venture Oaks Way, Suite 440  
Sacramento, CA 95833  
Phone No. 916-622-0484  
PRK.com

**Civil**  
THEYAT VALLEY CONSULTING INC  
47 WALNUT HILL WILLOW CREEK CA 95775  
PHONE NO. 916-622-0484

**STRUCTURE**  
FOOT PRINTS ONLY  
3301 BUSINESS DRIVE SUITE 100 SACRAMENTO CA 95825  
PHONE NO. 916-622-0484

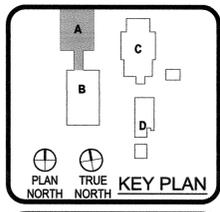
**MECHANICAL & PLUMBING**  
FRONTIER CONSULTING ENGINEERS INC  
PO BOX 60714 SACRAMENTO CA 95825  
PHONE NO. 916-622-0484

**DOOR SERVICE**  
CANTER CONSULTING  
11820 SUN CENTER DRIVE RANCHO CORDOVA CA 95829  
PHONE NO. 916-851-3907

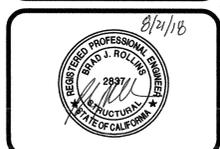
**ELECTRICAL**  
ELECTRICAL ENGINEERING  
1738 SOUTH STREET REDDING CA 96001  
PHONE NO. 916-244-8202

**TECHNOLOGY**  
EPC ENGINEERING  
1738 SOUTH STREET REDDING CA 96001  
PHONE NO. 916-244-8202

**HAYFORK HIGH SCHOOL**  
ALTERATIONS TO CLASSROOM, MULTI-PURPOSE AND ADMINISTRATION - BUILDING A INCREMENT #1  
Mountain Valley Unified School District  
231 OAK AVE, HAYFORK, CA 95841  
CONSTRUCTION DOCUMENTS



FILE NO. 5344  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
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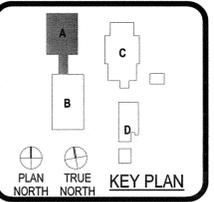


CLIENT  
MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT  
PROJECT NUMBER  
2017-043  
DATE: 08-21-2018  
DRAWN BY: EM  
CHECKED BY: BJR  
REVISIONS

No.	Description	Date

CONSTRUCTION DOCUMENT  
**FOUNDATION PLAN BUILDING A**

**S2.0-11**



INCREMENT 1  
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 DIV. OF THE STATE ARCHITECT  
 APRIL 02-16570  
 ACS [Signature] 08 [Signature]  
 DATE 8-28-2018



CLIENT  
 MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT  
 PROJECT NUMBER  
 17141  
 DATE: AUGUST 21, 2018  
 DRAWN BY: Author  
 CHECKED BY: Checker  
 REVISIONS

No.	Description	Date

Note: See Ceiling Plan (in this document) for actual ceiling heights

Change dimensions of upper cabinets to 8'-0" AFF to top of cabinets. This changes the VCTB layouts. Blue lines = end of VCTB. Update accordingly.

Change dimensions of upper cabinets to 8'-0" AFF to top of cabinets.

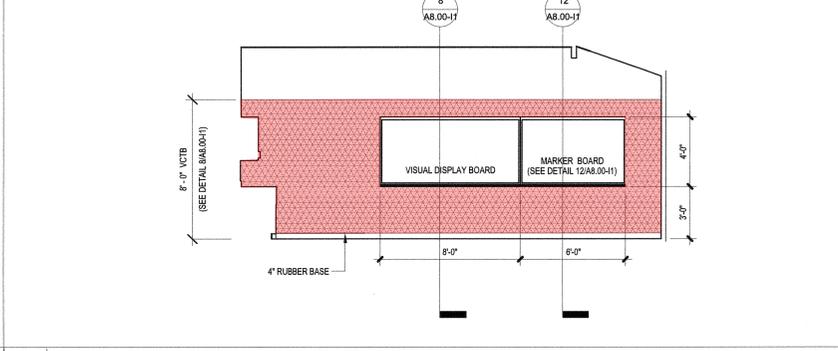
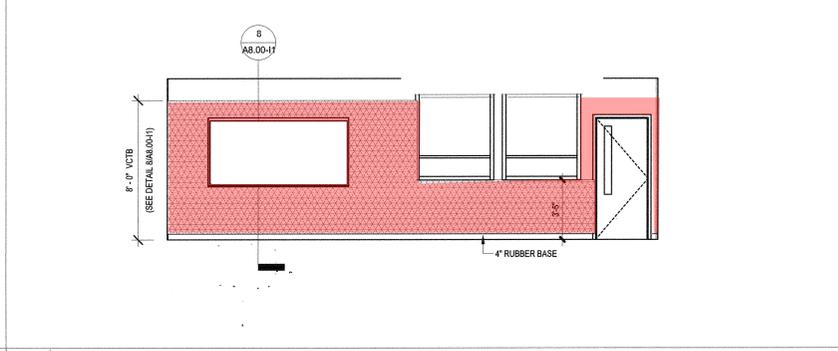
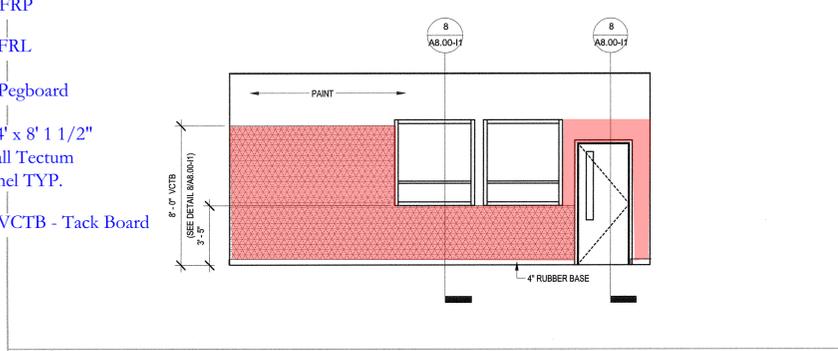
Legend:

- = FRP
- = FRL
- = Pegboard
- = 4' x 8' 1 1/2" Wall Tectum Panel TYP.
- = VCTB - Tack Board

**15** CLASSROOM A118- WEST  
 1/4" = 1'-0"

**14** CLASSROOM A118- SOUTH  
 1/4" = 1'-0"

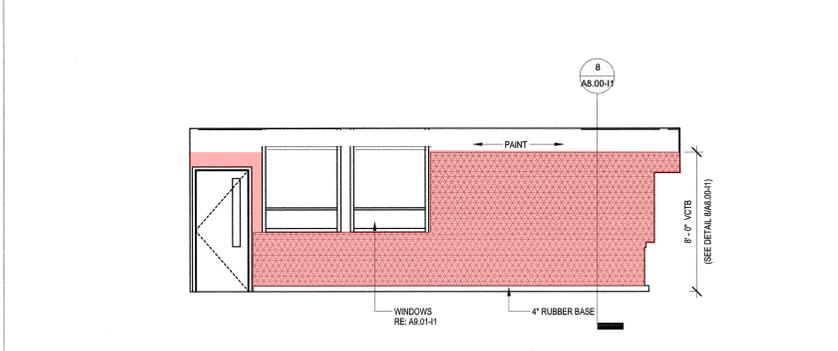
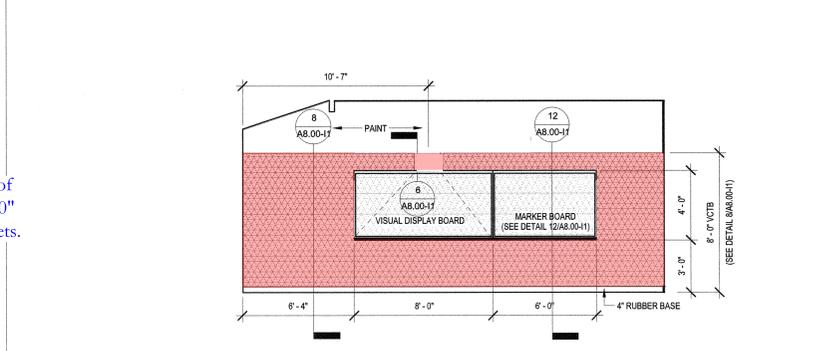
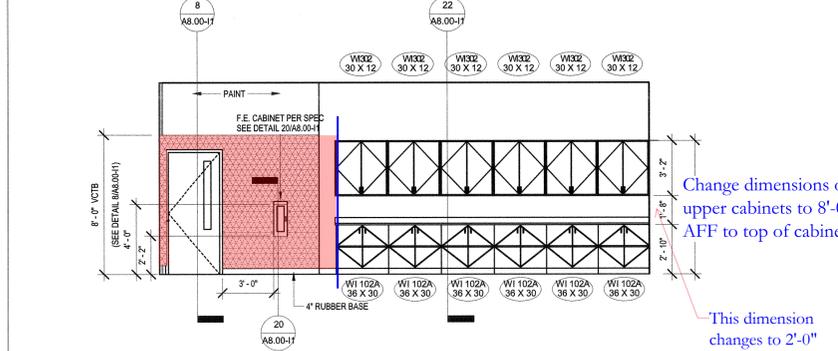
**13** CLASSROOM A118- EAST  
 1/4" = 1'-0"



**12** CLASSROOM A118- NORTH  
 1/4" = 1'-0"

**11** CLASSROOM A117-WEST  
 1/4" = 1'-0"

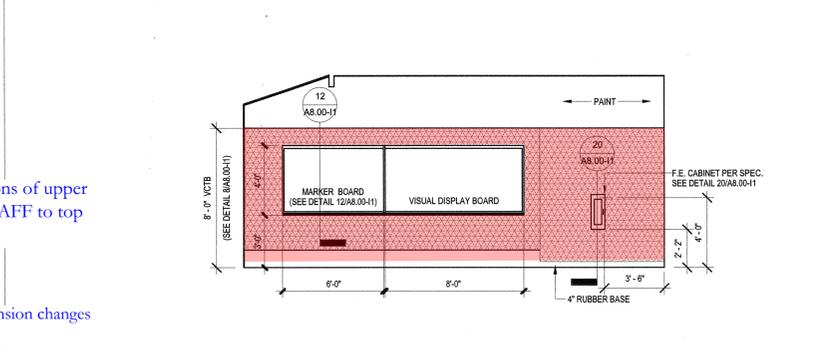
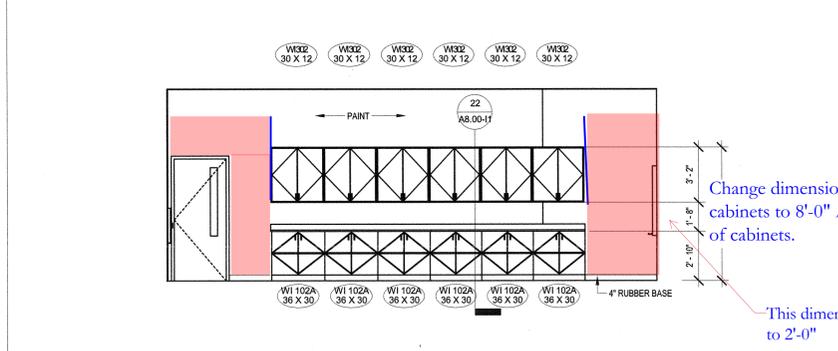
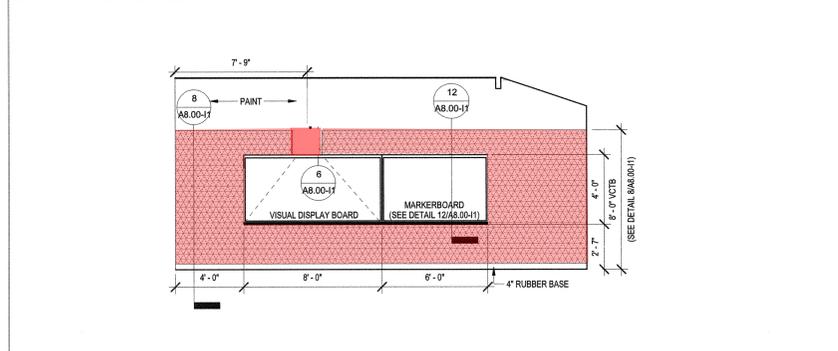
**10** CLASSROOM A117-SOUTH  
 1/4" = 1'-0"



**9** CLASSROOM A117- EAST  
 1/4" = 1'-0"

**8** CLASSROOM A117- NORTH  
 1/4" = 1'-0"

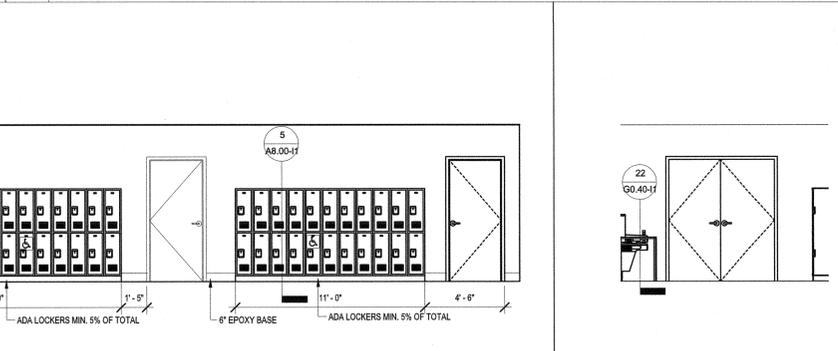
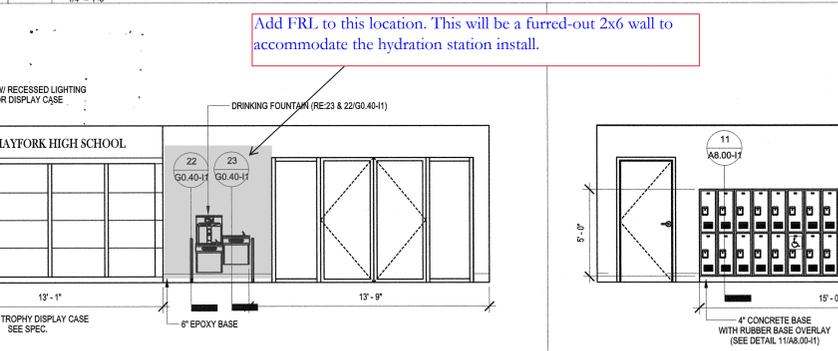
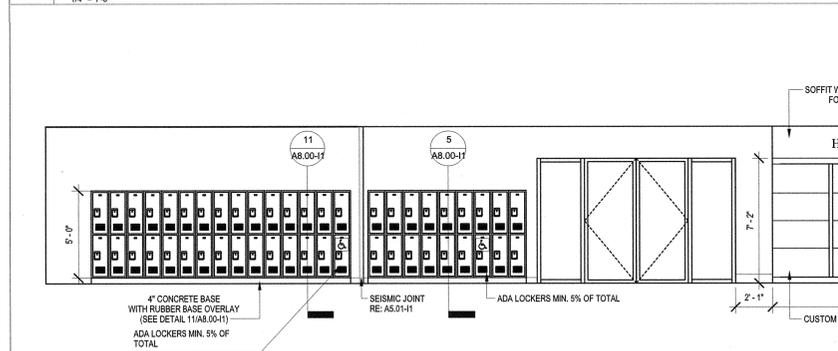
**7** CLASSROOM A116- WEST  
 1/4" = 1'-0"



**6** CLASSROOM A116-SOUTH  
 1/4" = 1'-0"

**5** CLASSROOM A116- EAST  
 1/4" = 1'-0"

**4** CLASSROOM A116- NORTH  
 1/4" = 1'-0"



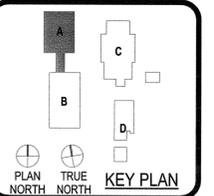
**3** ENTRY/LOBBY A127- EAST  
 1/4" = 1'-0"

**2** ENTRY/LOBBY A127- WEST  
 1/4" = 1'-0"

**1** ENTRY/LOBBY  
 1/4" = 1'-0"



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INCREMENT #1  
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 DIV. OF THE STATE ARCHITECT  
 APRIL 02-116570  
 ACS [Signature] SS [Signature]  
 DATE 8-28-2018



CLIENT  
 MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT

PROJECT NUMBER  
 17141

DATE: AUGUST 21, 2018

DRAWN BY: Author

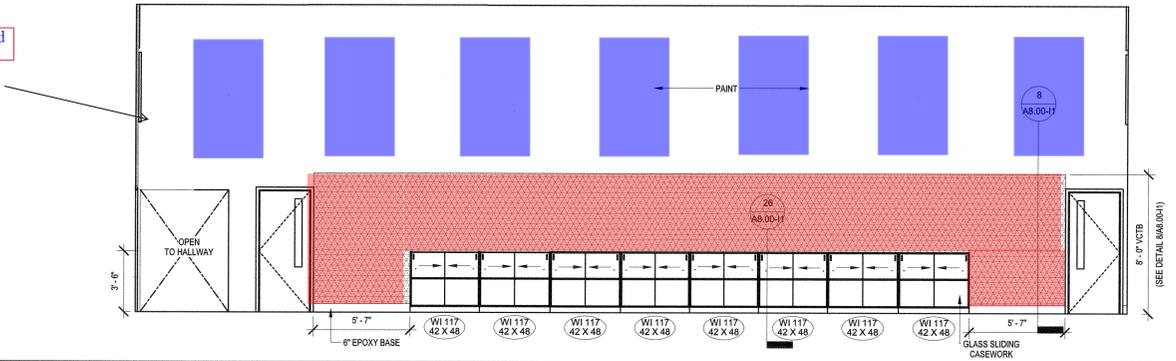
CHECKED BY: Checker

REVISIONS

No.	Description	Date

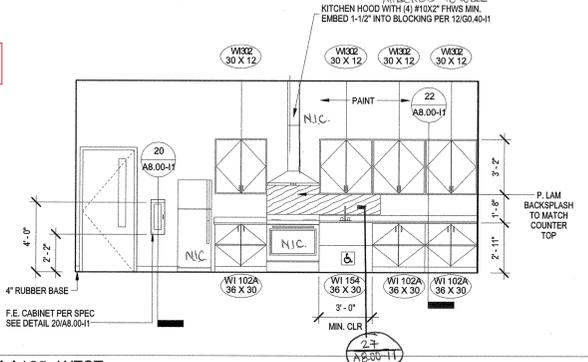
CONSTRUCTION DOCUMENTS  
**INTERIOR ELEVATIONS**

Add: 7 - 4' x 8' Tectum Panels equally spaced

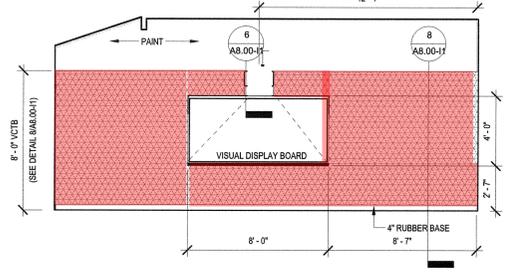


**28** INFO COMMONS A115- EAST  
 14' x 1'-0"

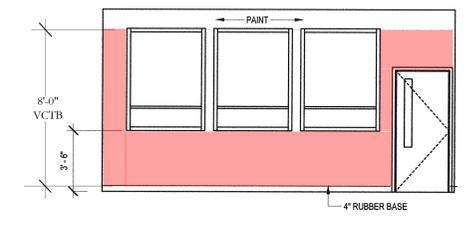
No VCTB on this wall



**24** CLASSROOM A125- WEST  
 14' x 1'-0"



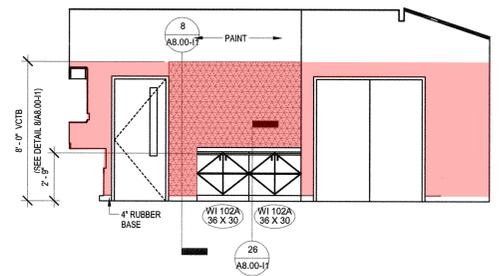
**22** CLASSROOM A125- SOUTH  
 14' x 1'-0"



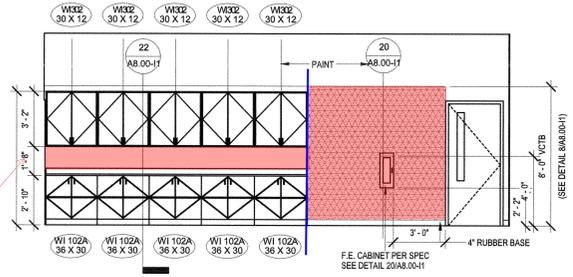
**20** CLASSROOM A125- EAST  
 14' x 1'-0"

Change dimensions of upper cabinets to 8'-0" AFF to top of cabinets.

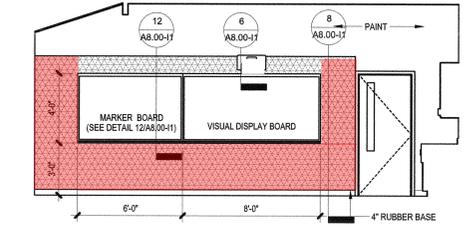
This dimension changes to 2'-0"



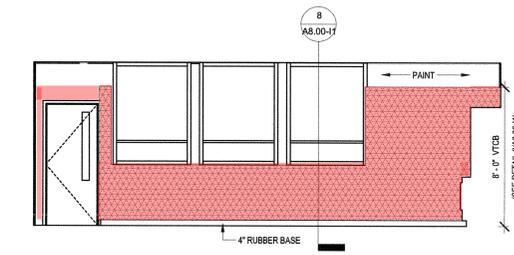
**18** CLASSROOM A125- NORTH  
 14' x 1'-0"



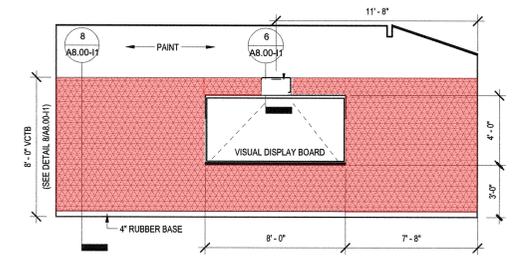
**16** CLASSROOM A124- WEST  
 14' x 1'-0"



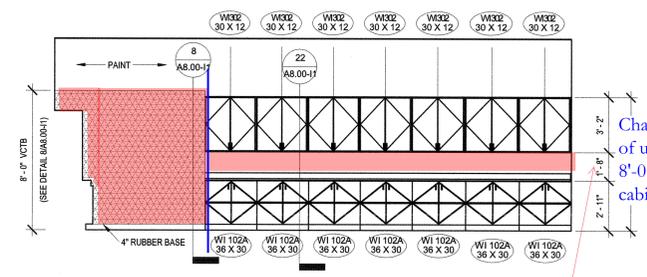
**14** CLASSROOM A124- SOUTH  
 14' x 1'-0"



**12** CLASSROOM A124- EAST  
 14' x 1'-0"



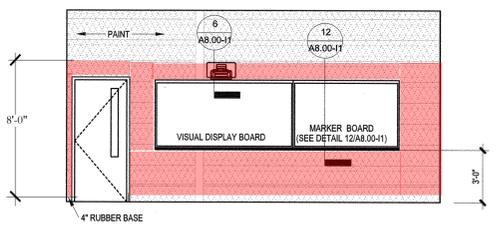
**10** CLASSROOM A124- NORTH  
 14' x 1'-0"



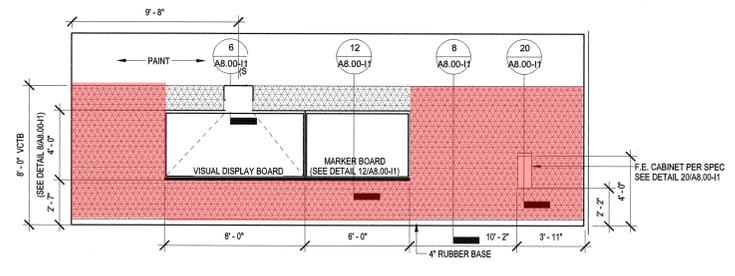
**8** CLASSROOM A120- WEST  
 14' x 1'-0"

Change dimensions of upper cabinets to 8'-0" AFF to top of cabinets.

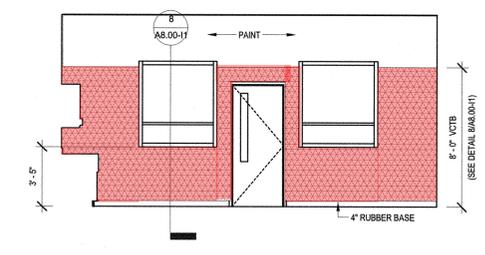
This dimension changes to 2'-0"



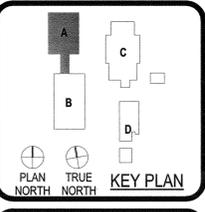
**6** CLASSROOM A120- SOUTH  
 14' x 1'-0"



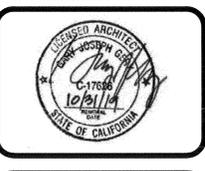
**4** CLASSROOM A120- EAST  
 14' x 1'-0"



**2** CLASSROOM A120- NORTH  
 14' x 1'-0"



INCREMENT 1  
 IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 1/APPL 02-116570  
 ACS 17/10/2018  
 DATE 8-24-2018



CLIENT  
 MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT

PROJECT NUMBER  
 17141

DATE  
 AUGUST 21, 2018

DRAWN BY  
 Author

CHECKED BY  
 Checker

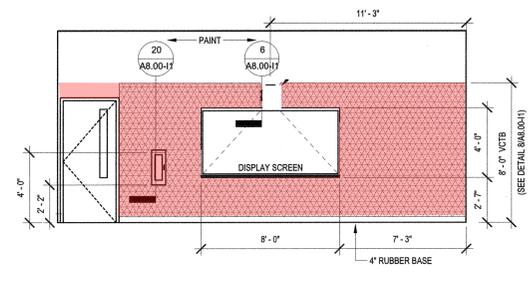
REVISIONS

No.	Description	Date

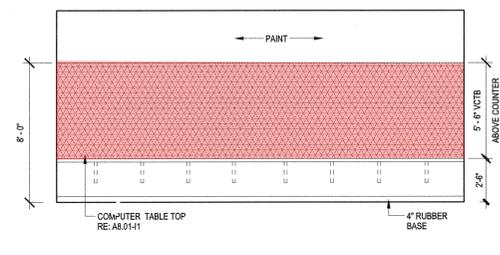
CONSTRUCTION DOCUMENTS  
**INTERIOR ELEVATIONS**

**A6.22-11**

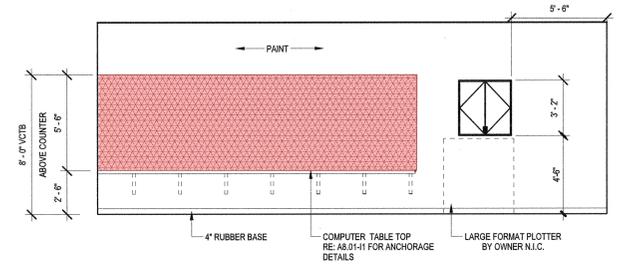
**11** COMPUTER LAB A126- NORTH  
 1/4" = 1'-0"



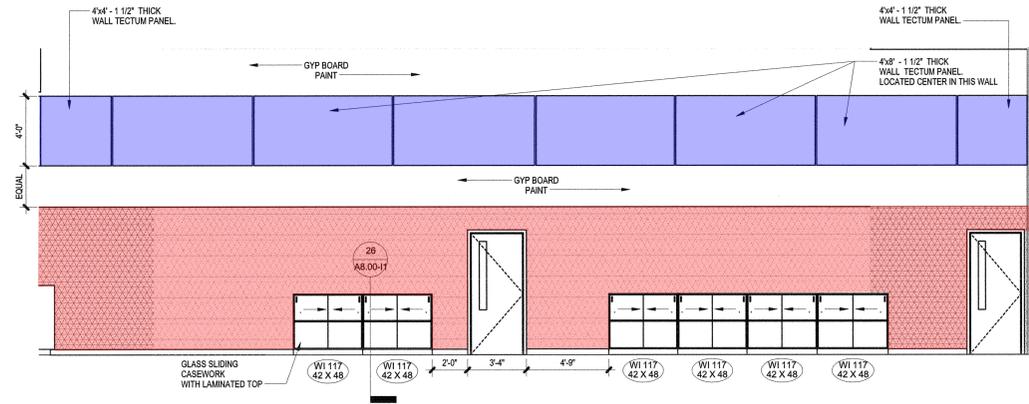
**12** COMPUTER LAB A126- SOUTH  
 1/4" = 1'-0"



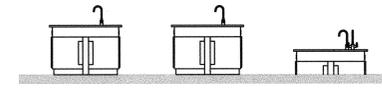
**13** COMPUTER LAB A126- WEST  
 1/4" = 1'-0"



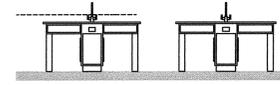
**5** INFO COMMONS A115- WEST  
 1/4" = 1'-0"



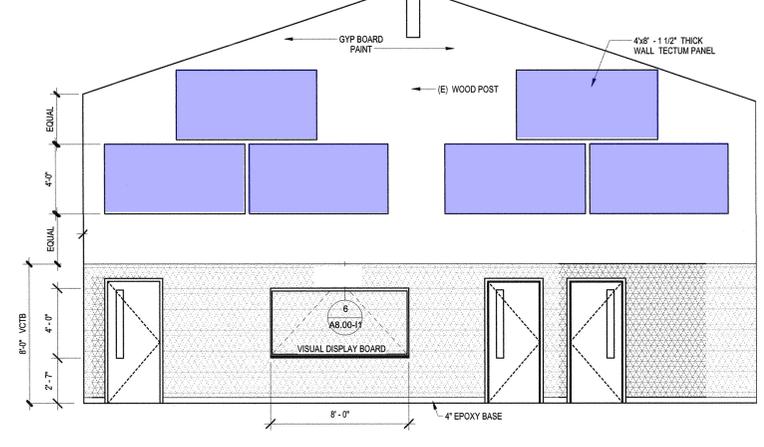
**6** SCIENCE LAB A122- STUDENT STATION - SOUTH  
 1/4" = 1'-0"



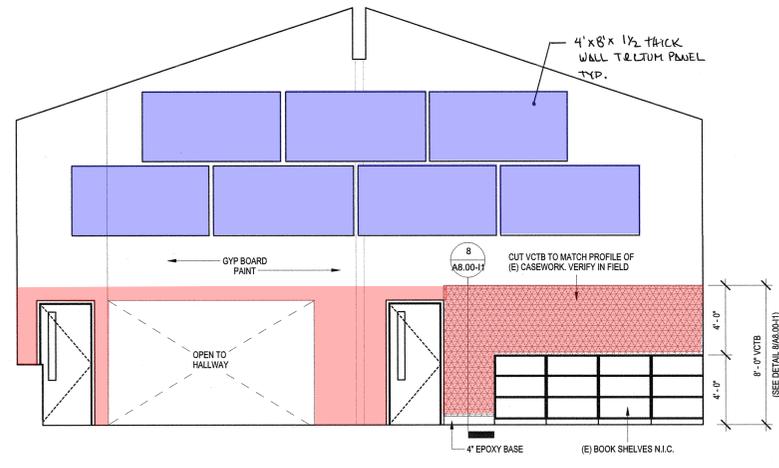
**8** SCIENCE LAB A122- STUDENT STATION -EAST  
 1/4" = 1'-0"



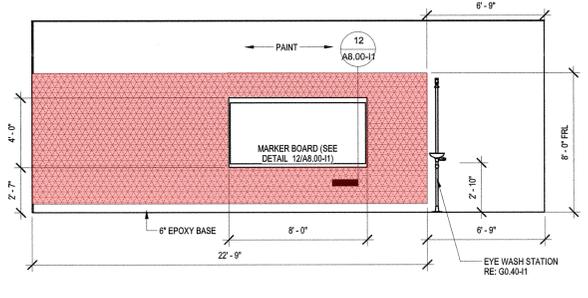
**1** INFO COMMONS A115- NORTH  
 1/4" = 1'-0"



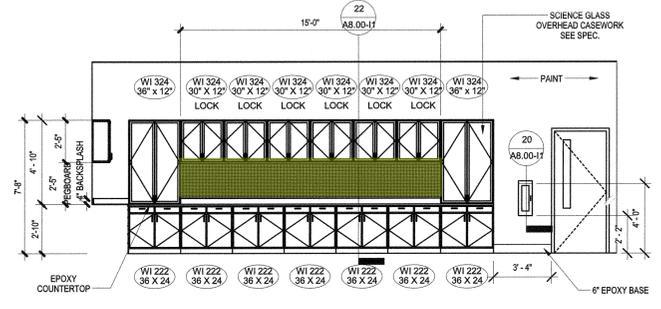
**2** INFO COMMONS A115- SOUTH  
 1/4" = 1'-0"



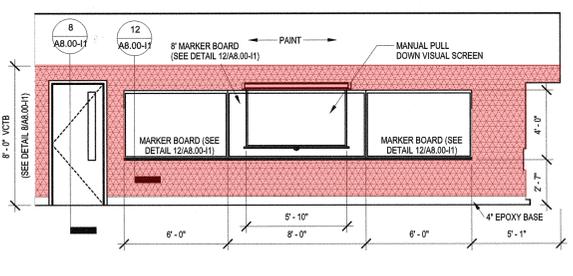
**7** SCIENCE LAB A122- WEST  
 1/4" = 1'-0"



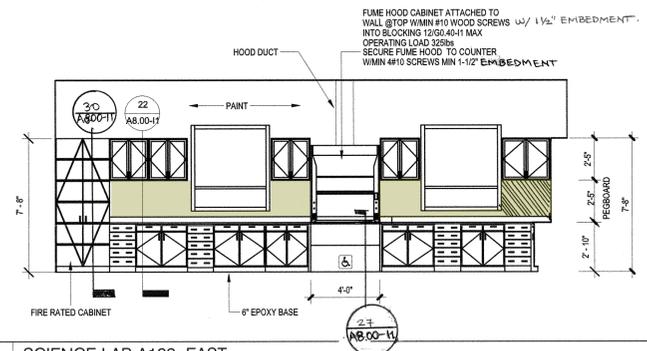
**9** SCIENCE LAB A122- SOUTH  
 1/4" = 1'-0"



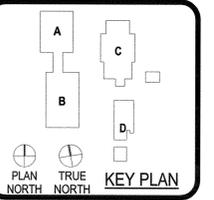
**4** SCIENCE LAB A122- EAST  
 1/4" = 1'-0"



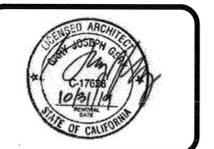
**3** SCIENCE LAB A122- NORTH  
 1/4" = 1'-0"



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INCREMENT #1  
 IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APPL. 02-116570  
 ACS 17141-18-28-2018  
 DATE 8-28-2018



CLIENT  
 MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT

PROJECT NUMBER  
 17141

DATE: AUGUST 21, 2018

DRAWN BY: Author

CHECKED BY: Checker

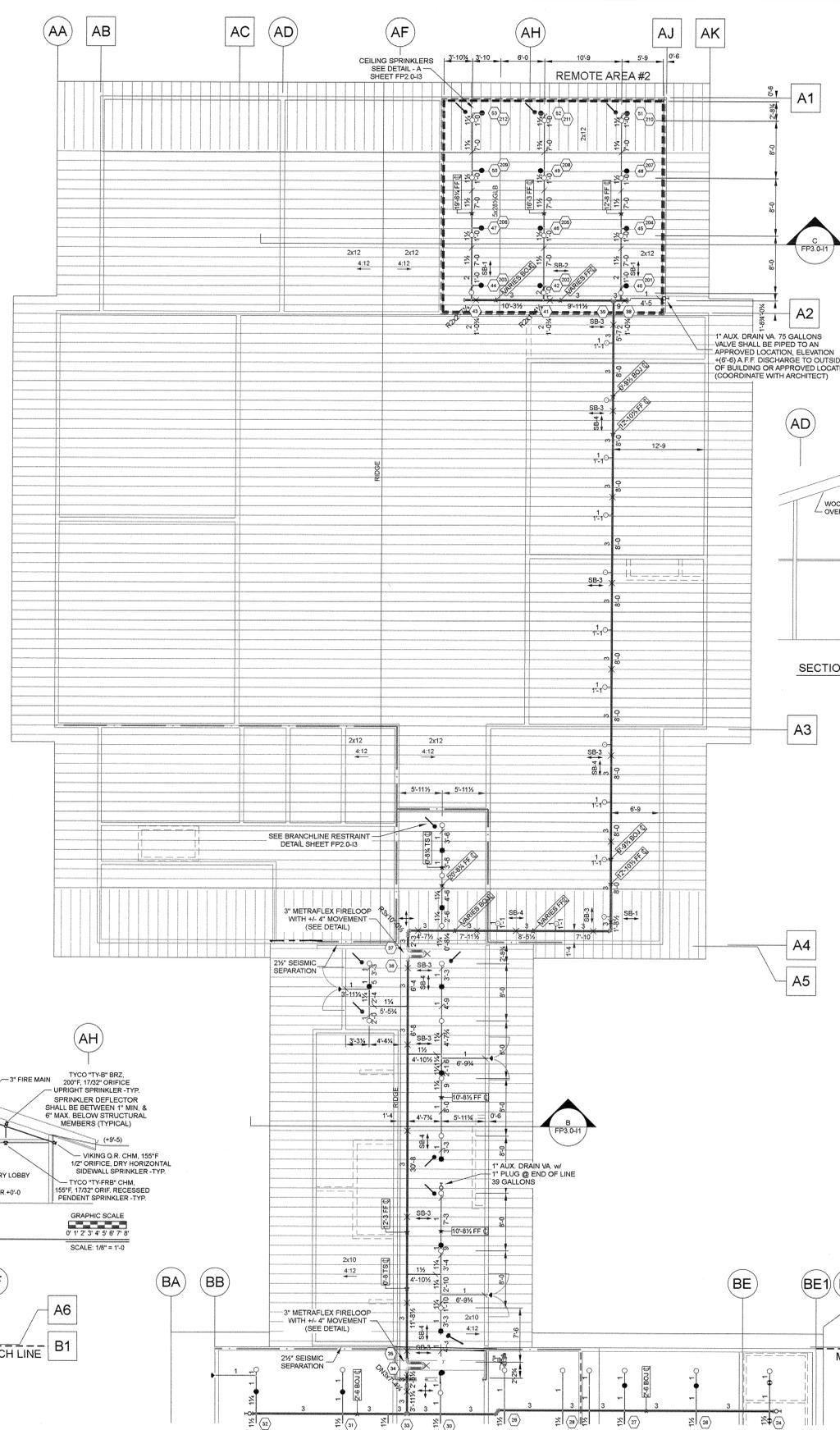
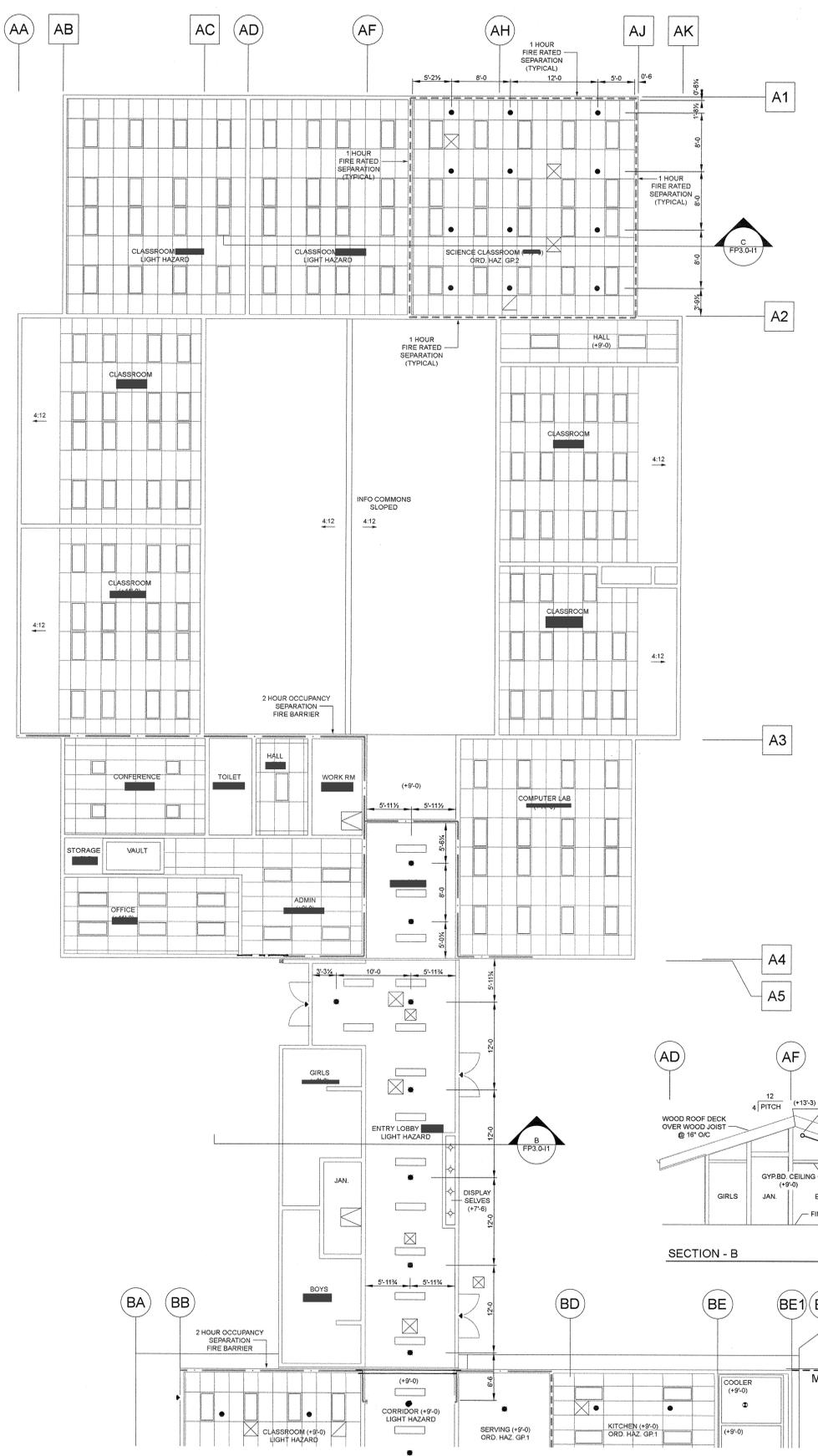
REVISIONS

No.	Description	Date

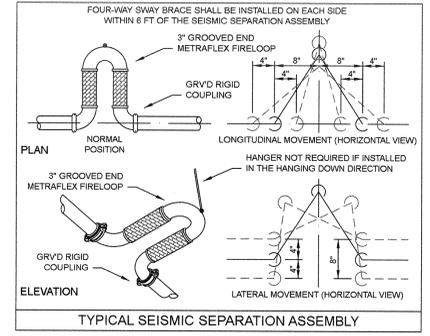
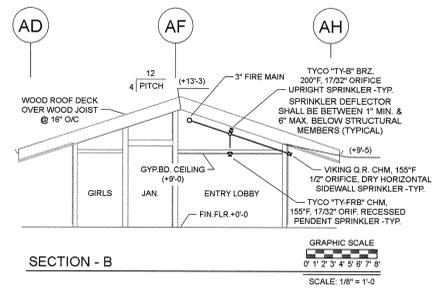
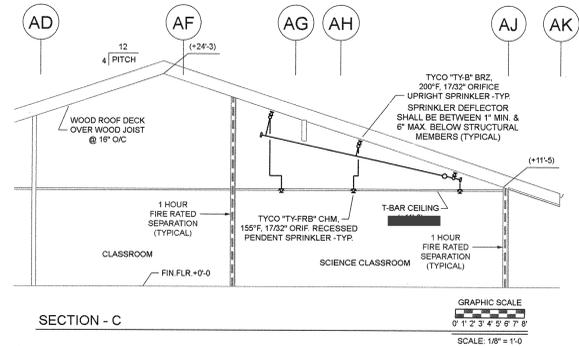
CONSTRUCTION DOCUMENTS  
**INTERIOR ELEVATIONS**

				<p><b>26</b> WORKROOM A113- WEST 1/4" = 1'-0"</p>	<p><b>25</b> WORKROOM A113- SOUTH 1/4" = 1'-0"</p>
<p><b>24</b> WORKROOM A113- EAST 1/4" = 1'-0"</p>	<p><b>23</b> WORKROOM A113- NORTH 1/4" = 1'-0"</p>	<p><b>22</b> CONFERNECE A109- WEST 1/4" = 1'-0"</p>	<p><b>21</b> CONFERNECE A109- SOUTH 1/4" = 1'-0"</p>	<p><b>20</b> CONFERNECE A109- EAST 1/4" = 1'-0"</p>	<p><b>19</b> CONFERENCE A109- NORTH 1/4" = 1'-0"</p>
		<p>Delete VCTB on this wall.</p>			
<p><b>18</b> M.R. A112- NORTH 1/4" = 1'-0"</p>	<p><b>17</b> OFFICE A128- WEST <span style="border: 1px solid red; padding: 2px;">Should be Office A107</span> 1/4" = 1'-0"</p>	<p><b>16</b> OFFICE A128- SOUTH <span style="border: 1px solid red; padding: 2px;">Should be Office A107</span> 1/4" = 1'-0"</p>	<p><b>14</b> ADMIN A127- WEST <span style="border: 1px solid red; padding: 2px;">This should be Admin A106</span> 1/4" = 1'-0"</p>	<p><b>13</b> ADMIN A127- SOUTH <span style="border: 1px solid red; padding: 2px;">This should be Admin A106</span> 1/4" = 1'-0"</p>	<p><b>13</b> ADMIN A127- SOUTH <span style="border: 1px solid red; padding: 2px;">This should be Admin A106</span> 1/4" = 1'-0"</p>
			<p>FRP shall go all the way to the clg (all restrooms)</p>		
<p><b>12</b> ADMIN A127- EAST <span style="border: 1px solid red; padding: 2px;">This should be Admin A106</span> 1/4" = 1'-0"</p>	<p><b>11</b> ADMIN A127- NORTH <span style="border: 1px solid red; padding: 2px;">This should be Admin A106</span> 1/4" = 1'-0"</p>	<p><b>10</b> TOILET A111-WEST 1/4" = 1'-0"</p>	<p><b>9</b> TOILET A111- NORTH 1/4" = 1'-0"</p>	<p><b>8</b> GIRLS A105- WEST 1/4" = 1'-0"</p>	<p><b>7</b> GIRLS A105- SOUTH 1/4" = 1'-0"</p>
<p><b>6</b> GIRLS A105- EAST 1/4" = 1'-0"</p>	<p><b>5</b> GIRLS A105- NORTH 1/4" = 1'-0"</p>	<p><b>4</b> BOYS A104- WEST 1/4" = 1'-0"</p>	<p><b>3</b> BOYS A104- SOUTH 1/4" = 1'-0"</p>	<p><b>2</b> BOYS A104- EAST 1/4" = 1'-0"</p>	<p><b>1</b> BOYS A104- NORTH 1/4" = 1'-0"</p>

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Hydraulic Information	
REMOTE AREA #2 (SCIENCE CLASSROOM)	
SYSTEM TYPE	WET
OCCUPANCY CLASSIFICATION	Ordinary Group II
DENSITY	0.200gpm/ft <sup>2</sup> for 0.009" (Actual 859.26ft <sup>2</sup> )
SPRINKLER COVERAGE	130ft <sup>2</sup>
TOTAL HEADS FLOWING	12
K-FACTOR	8.0
TOTAL WATER REQUIRED	1385.49gpm
TOTAL PRESSURE REQUIRED	76.873psi
TOTAL HOSE STREAMS	250.00gpm @ Source
BASE OF RISER (gpm)	335.49gpm
BASE OF RISER (psi)	67.728psi
SAFETY MARGIN (psi)	+10.345psi (11.9%)



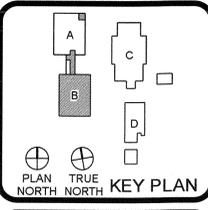
BLDG "A" SPRINKLERED AREA = 2,230 SQ. FT.  
 BLDG "B" SPRINKLERED AREA = 11,855 SQ. FT.  
 TOTAL SPRINKLERED AREA = 13,885 SQ. FT.  
**BUILDING "A" REFLECTED CEILING PLAN**  
 NOTES: 1. ALL CEILING HEIGHTS (+9'-0") ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED  
 2. SEE PIPING PLAN FOR PIPING ARRANGEMENT AND SIZES

BLDG "A" SPRINKLERED AREA = 2,230 SQ. FT.  
 BLDG "B" SPRINKLERED AREA = 11,855 SQ. FT.  
 TOTAL SPRINKLERED AREA = 13,885 SQ. FT.  
**BUILDING "A" PIPING PLAN**  
 NOTES: 1. ALL BRANCHLINE PIPING SHALL RUN @ "8" BOTTOM OF JOIST ELEVATIONS VARY U.O.N.  
 2. SEE PIPING PLAN FOR ALL MAIN ELEVATIONS AND STAR DIMENSIONS  
 3. ALL HANGERS SHALL BE 3/8" DIA. ALL THREAD ROD U.O.N. (SEE HANGER DETAILS SHEET FP2.0-13)  
 4. ALL PENDENT SPRINKLERS SHALL BE SUPPLIED BY 1" MEGA THREAD PIPE  
 5. FLEXIBLE COUPLINGS @ ALL TOPS AND BOTTOMS OF RISES / DROPS IN PIPING EXCEEDING 7 FT. IN LENGTH. (1) FLEXIBLE COUPLING IN RISES / DROPS 3 FT. TO 7 FT. IN LENGTH. NO FLEXIBLE COUPLINGS REQUIRED IN RISES / DROPS LESS THAN 3 FT.  
 6. ALL PIPE CUTS ARE CENTER TO CENTER

SYMBOLS		SPRINKLER		K <sub>o</sub>	ORIF.	TEMP.	FINISH	CANOPY	QTY
○	TYCO "TY-FRB" Q R UPRIGHT SPRINKLER (TY4131)	8.0	17/32"	200°	BRASS	N/A	12		
●	TYCO "TY-FRB" Q R RECESSED SPRINKLER (TY4231)	8.0	17/32"	155°	CHROME	RECS-CH	12		
⊙	TYCO "TY-FRB" Q R PENDENT SPRINKLER (TY4231)	8.0	17/32"	155°	CHROME	2PC-VH	8		
⊙	VIKING Q.R. DRY HORIZONTAL SIDEWALL SPRINKLER (VK182)	5.6	1/2"	155°	CHROME	RECS-CH	3		

○ HYDRAULIC NODE POINT  
 ○ OF PIPE ABOVE FINISH FLOOR  
 ○ OF PIPE BELOW ROOF DECK  
 \* SWAY BRACE  
 + GRVD TEE  
 ⊕ GRVD 90° ELBOW  
 ⊕ GRVD COUPLING  
 ⊖ GRVD CAP  
 ○ TYPICAL HANGER  
 ⊕ SCRD PLUG  
 ⊕ SYSTEM RISER (ASR)  
 ⊕ FLANGED CONNECTION  
 A.F.F. ABOVE FINISH FLOOR  
 N.T.S. NOT TO SCALE  
 N.I.C. NOT IN CONTRACT  
 N.A.S. NO AUTOMATIC SPRINKLERS

BLDG "A" TOTAL SPRINKLERS THIS SHEET: **66**



Inv 3  
 FILE NO. 53-14  
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 DIV. OF THE STATE ARCHITECT  
 APPL 02-116570  
 ACS: [Signature]  
 DATE: **AUG 16 2018**



CLIENT  
**MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT**  
 PROJECT NUMBER  
**17141-01**  
 DATE  
**03-16-2018**  
 DRAWN BY: **JG**  
 CHECKED BY: **RM**  
 REVISIONS

No.	Description	Date

**FIRE SPRINKLER PIPING PLAN**

**FP3.0-13**



Fire Rated Walls, see general notes #6, referring to A7.00-11 series for the type of rating.

GENERAL NOTES

- VERIFY DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH AFFECTED WORK.
- REFLECTED CEILING PLAN DIMENSIONS ARE REFERENCED FROM FINISHED SURFACES UNLESS NOTED OTHERWISE. CEILING HEIGHTS ARE DIMENSIONED FROM FLOOR TO FINISHED CEILING HEIGHT.
- DIMENSIONS NOTED AS "FIELD VERIFY" SHALL BE CHECKED AT THE SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCHITECT BEFORE INCORPORATING INTO THE WORK.
- DO NOT SCALE DRAWING. WRITTEN DIMENSIONS TAKE PRECEDENCE. IF CLARIFICATION IS REQUIRED IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS, CONTACT THE ARCHITECT.
- NOTES OR DIMENSIONS LABELED "TYPICAL" SHALL APPLY TO SITUATIONS THAT ARE THE SAME OR SIMILAR.
- ALL INTERIOR PARTITIONS SHALL BE KEYS AS REFERENCE SHEET SERIES A7.00 FOR INTERIOR PARTITION TYPES.
- ALL DIMENSIONS ARE TO FACE OF FINISHED WALL UNLESS NOTED OTHERWISE.
- REFERENCE SHEET SIA8.00-11 FOR ALL LOCKER TYPES.
- N/A
- ALL SPACES WITH FLOOR DRAINS TO HAVE FINISHED FLOORS SLOPED TO DRAIN NOT TO EXCEED ONE IN FIFTY.
- N/A
- ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS UNLESS NOTED OTHERWISE. ALL FLOOR FINISH CHANGES SHALL HAVE THRESHOLDS OR REDUCER STRIPS.
- COORDINATE HOUSEKEEPING PAD DIMENSIONS AND LOCATIONS WITH EQUIPMENT TO BE INSTALLED. RE: STRUCTURAL FOR REINFORCING.
- N/A
- ALUMINUM THRESHOLDS TO BE SET IN FULL BED OF SEALANT AT ALL EXTERIOR DOORS.
- FOR TYPICAL TACKBOARD/MARKERBOARD ELEVATION REFER TO INTERIOR ELEVATIONS A8.20-11 - A8.23-11
- COORDINATE ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO SLAB CONSTRUCTION.
- PROVIDE VINYL REDUCER AT ALL DISSIMILAR FLOOR MATERIALS U.N.O.
- U.N.O.: ALL ELECTRICAL AND MECHANICAL OPERABLE DEVICES SHALL BE MOUNTED WITH THE HIGHEST OPERABLE CONTROL AT MAXIMUM OF 42" AFF.
- ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS INCLUDING BUT NOT LIMITED TO ALL COUNTERTOPS, ALL PLUMBING FITTINGS, INCLUDING ALL DRINKING FOUNTAINS, ALL LAVATORIES, ALL URINALS, AND ALL TOILETS SHALL BE STRICTLY ENFORCED.
- ALL INTERIOR PARTITION TYPES ARE PER SHEET A7.01-13

CONSTRUCTION - KEYED NOTES

- (N) BATT INSULATION AND CEILING PER RCP, SHEET A10.01-11
- (N) FLOOR FINISH, REF. FINISH SCHEDULE
- (N) HM DOOR, SEE DOOR SCHEDULE
- WASHER AND DRYER (N.I.C.)
- MCP SINK
- WALL INFILL, MATCH EXISTING CONDITION RE: STRUCTURAL 14S1.3
- (N) HI-LOW DRINKING FOUNTAIN, RE: DETAILS 22 & 23 SHEET G0.40-11 HAND RAILING
- (N) FUME HOOD - ACCESSIBLE 250LBS MAX RE: A6.22-11
- (N) CASEWORK AND WALL CABINETS, REF. INTERIOR ELEVATIONS
- NOT USED
- (N) MARKERBOARD, RE: 12/A8.00-11
- (N) TACKBOARD, RE: 8/A8.00-11
- EMERGENCY EYEWASH/SHOWER STATION, RE: 28/G0.40-11
- 6'X9' WALK-OFF CARPET
- PLOTTER, N.I.C. COORDINATE WITH OWNER FOR SPACE REQUIRED
- UPPER CABINET RE: 22/A8.00-11
- (E) FURNITURE - COORDINATE WITH OWNER
- EXISTING SHELVING TO BE REUSED, N.I.C. PROVIDED BY OWNER
- (N) WALL MOUNTED PROJECTOR, RE: 6/A8.00-11
- (N) METAL ROOF, REF. TO ROOF PLAN A3.01-11
- (N) STUDENT WORKSTATIONS, REF. SPECS.
- (N) FIRE RATED STORAGE CABINET, REF. SPECS.
- ACCESSIBLE SINK AND ACCESSORIES, REF. MEP DWGS
- MECHANICAL CHASE
- DISPLAY CASEWORK, REF. INTERIOR ELEVATIONS 6/A8.00-11
- STEEL LADDER AS SPEC. RE: 2/A8.00-11
- ASSISTIVE LISTENING SIGNAGE, RE: 27/G0.60-11
- SNOW LOAD SIGNAGE, RE: 28/G0.60-11

GENERAL FLOOR PLAN LEGEND

- EXISTING STUD WALL WITH NEW FINISHES, WALL TYPES SHEET A7.00A-11
- WOOD STUD WALL @16" O.C. - FULL HEIGHT  
2 HOURS FIRE RATED ASSEMBLY; RE: SHEET A7.01-11
- WOOD STUD WALL @16" O.C. - FULL HEIGHT  
1 HOUR FIRE RATED ASSEMBLY; RE: SHEET A7.01-11
- NEW 2 X 6 WOOD STUD WALL @16" O.C.
- NEW FIRE EXTINGUISHER RE: 208/19/A8.00-11
- PARTITION TYPE, REFERENCE SHEET A7.01-11
- NOT IN SCOPE



ARCHITECTURE  
SACRAMENTO  
2520 Venture Oaks Way, Suite 440  
Sacramento, CA 95833  
Phone No 916-882-0464  
PBK.com

THIRTY VALLEY CONSULTING  
47 WILKINSON STREET, SUITE 100, OAKLAND, CA 94612  
PHONE NO. 510.550.5503

STRUCTURAL  
POINT STRUCTURE  
3701 BUSINESS DRIVE, SUITE 100, SACRAMENTO, CA 95833  
PHONE NO. 916.453.0200

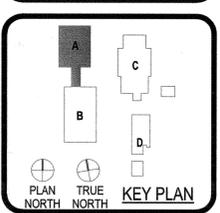
MECHANICAL & ELECTRICAL  
PROFFER CONSULTING ENGINEERS, INC.  
1000 J STREET, SUITE 100, SACRAMENTO, CA 95811  
PHONE NO. 916.234.6100

FOOD SERVICE  
CAPITAL ENGINEERING  
11020 SUN CENTER DRIVE, SUITE 100, SACRAMENTO, CA 95833  
PHONE NO. 916.811.3220

ELECTRICAL  
PRINCE ENGINEERING  
1708 SOUTH STREET, SACRAMENTO, CA 95811  
PHONE NO. 916.244.2222

TELEPHONE  
PRINCE ENGINEERING  
1708 SOUTH STREET, SACRAMENTO, CA 95811  
PHONE NO. 916.244.2222

HAYFORK HIGH SCHOOL  
ALTERATIONS TO CLASSROOM, MULTI-PURPOSE  
AND ADMINISTRATION - BUILDING A INCREMENT #1  
Mountain Valley Unified School District  
231 OAK AVE. HAYFORK, CA 95041  
CONSTRUCTION DOCUMENTS



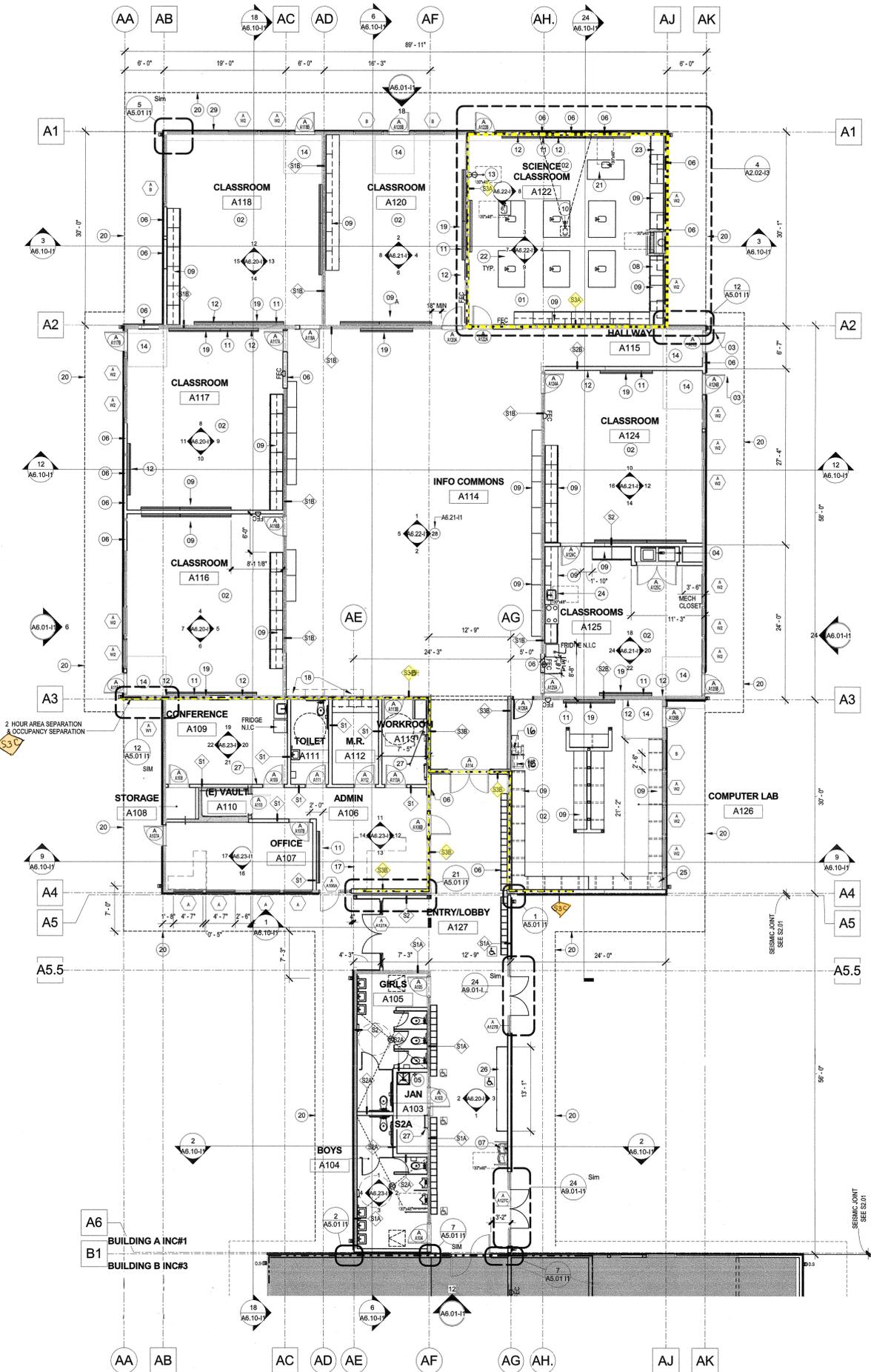
INCREMENT 1  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
8-3-142  
APPL. 02-116570  
ACS [Signature]  
DATE: 8-28-2018



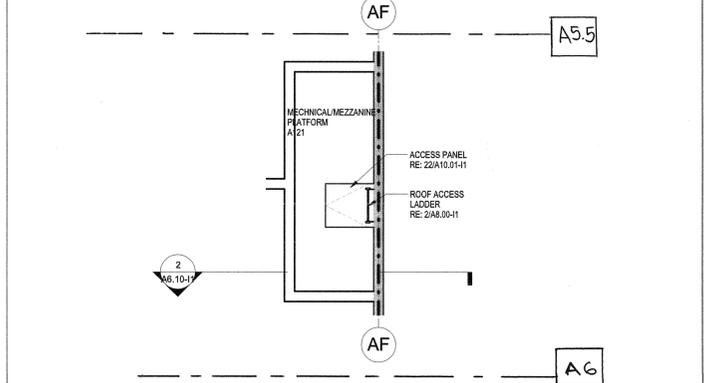
CLIENT  
MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT  
PROJECT NUMBER  
17141  
DATE: AUGUST 21, 2018  
DRAWN BY: Author  
CHECKED BY: Checker  
REVISIONS

No.	Description	Date

CONSTRUCTION DOCUMENTS  
**BUILDING A**  
**A2.02-11**



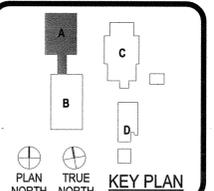
18 MECHANICAL PLATFORM/MEZZANINE 1 PLAN  
1/4" = 1'-0"



12 MECHANICAL PLATFORM/MEZZANINE 2 PLAN  
1/4" = 1'-0"

5 FLOOR PLAN - AREA A  
1/8" = 1'-0"

Z:\Projects\SAC171141-0\Increment #1\Drawings\BIM\17141 - Hayfork HS Central\_mily\_hossettler.rvt  
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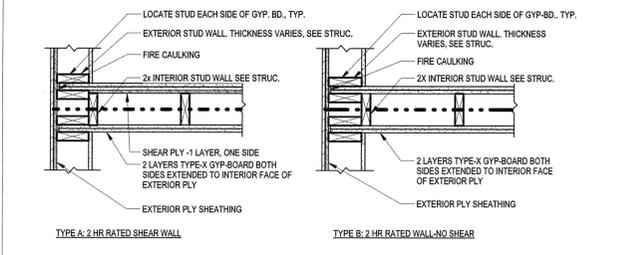
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 DIV. OF THE STATE ARCHITECT  
 APPL. 02-116570  
 ACS 2/28/2018  
 DATE: 2-28-2018



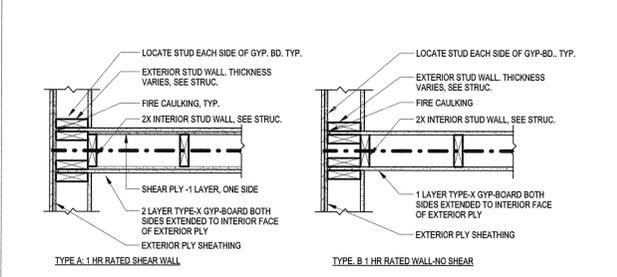
CLIENT  
**MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT**  
 PROJECT NUMBER  
 17141  
 DATE: AUGUST 21, 2018  
 DRAWN BY: ER  
 CHECKED BY: PC  
 REVISIONS

No.	Description	Date

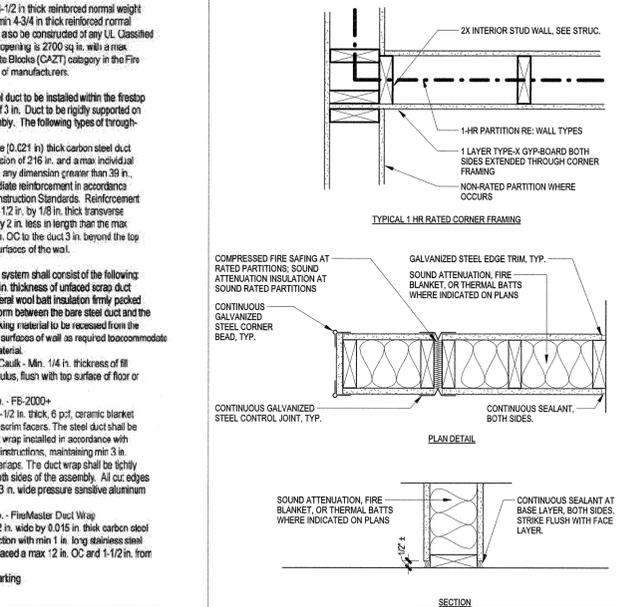
**CONSTRUCTION DOCUMENTS**  
**PARTITION TYPES**  
**A7.01-11**



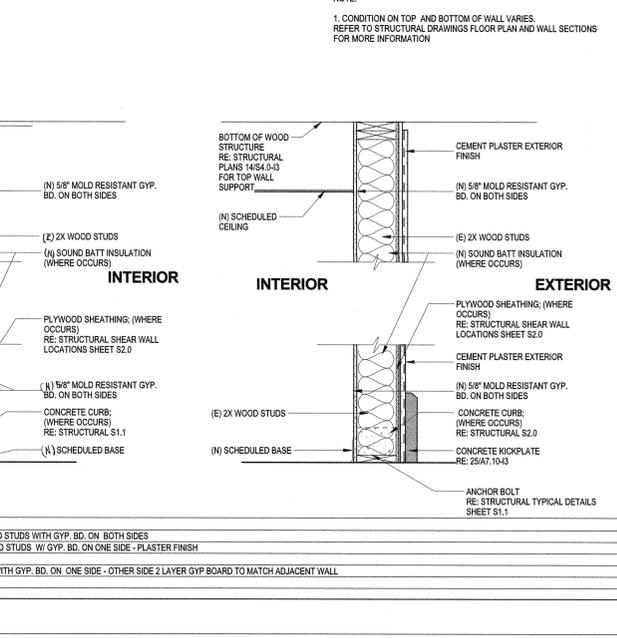
**27 2 HR. WALL JUNCTION @ EXTERIOR WALL**  
 1" = 1'-0"



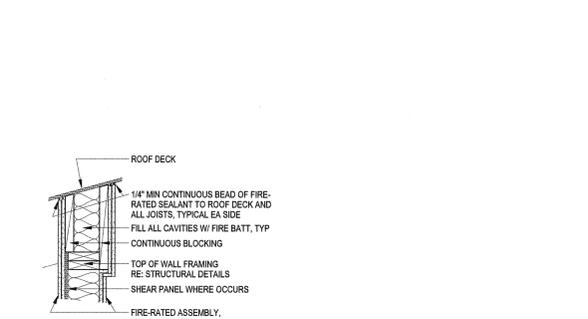
**21 1 HR. WALL JUNCTION @ EXTERIOR WALL**  
 1" = 1'-0"



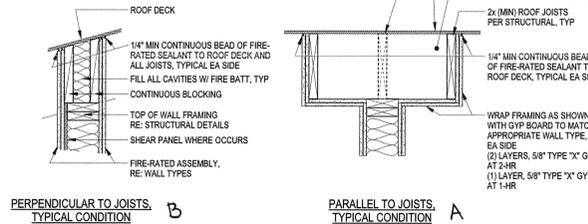
**8 PARTITION TYPES-TYPICAL DETAILS**  
 1 1/2" = 1'-0"



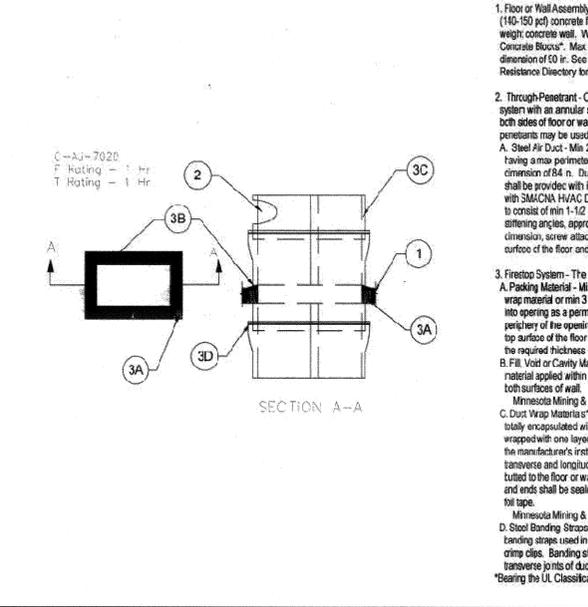
**1 PARTITION TYPES-TYPICAL NOTES**  
 12" = 1'-0"



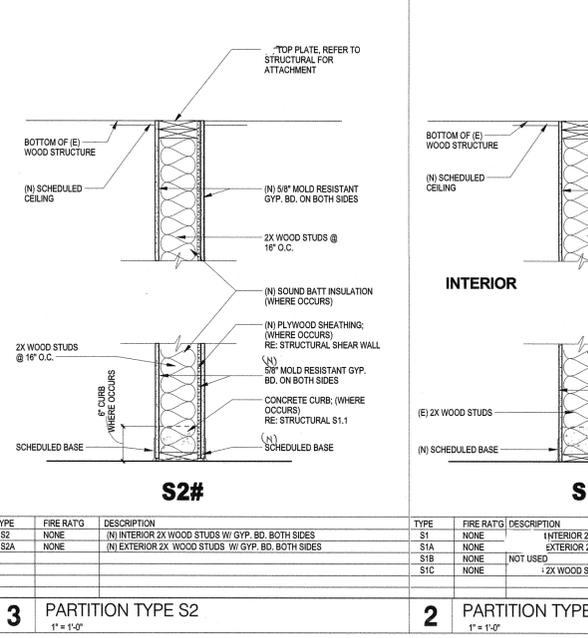
**22 TOP OF RATED PARTITIONS**  
 1" = 1'-0"



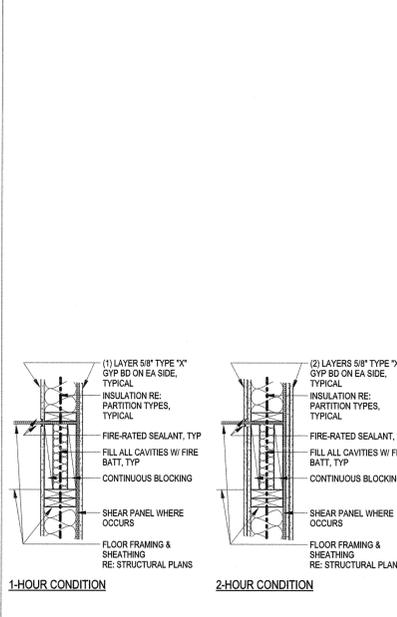
**23 RATED PARTITIONS @ FLOOR JUNCTION**  
 1" = 1'-0"



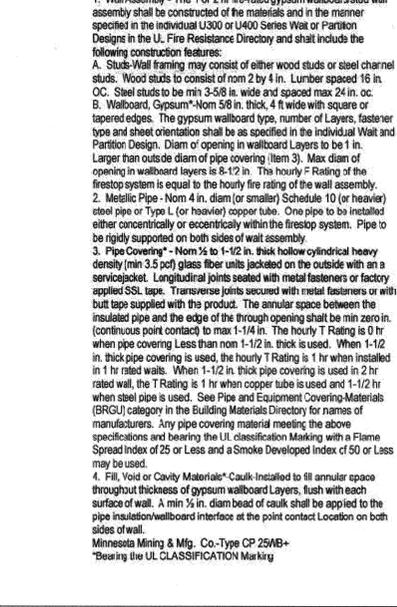
**15 FIRE RATED PENETRATION PROTECTION DETAIL**



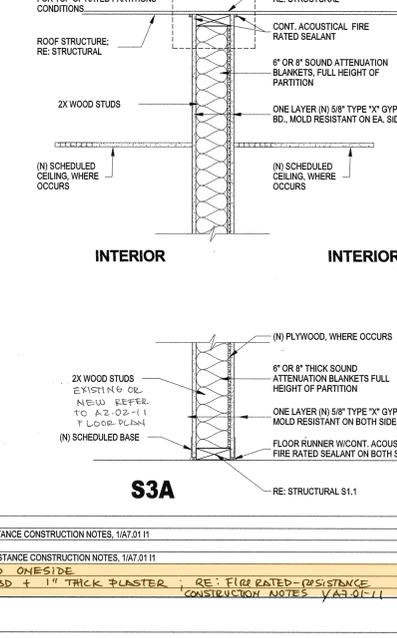
**3 PARTITION TYPE S2**  
 1" = 1'-0"



**23 RATED PARTITIONS @ FLOOR JUNCTION**  
 1" = 1'-0"



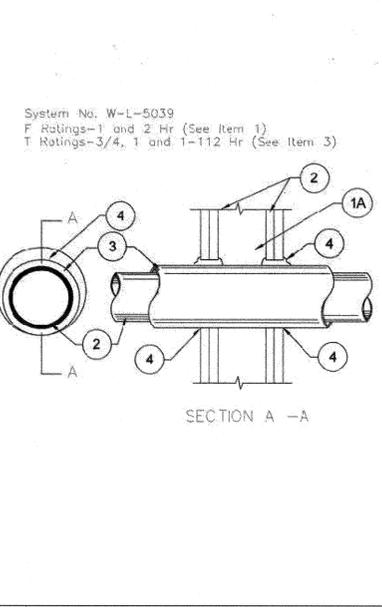
**17 FIRE RATED PENETRATION PROTECTION DETAIL**



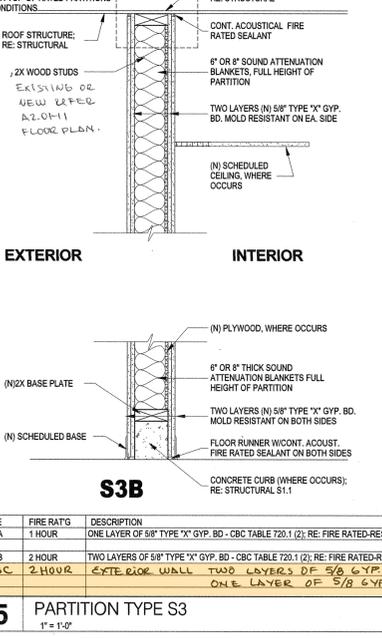
**5 PARTITION TYPE S3**  
 1" = 1'-0"



**23 RATED PARTITIONS @ FLOOR JUNCTION**  
 1" = 1'-0"



**17 FIRE RATED PENETRATION PROTECTION DETAIL**



**5 PARTITION TYPE S3**  
 1" = 1'-0"

1. Wall Assembly - The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall or Partition Designs in the U. Fire Resistance Directory and shall include the following construction features:  
 A. Stud-Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. Lumber spaced 16 in. OC. Steel studs to be min 3-5/8 in. wide and spaced max 24 in. oc.  
 B. Wallboard, Gypsum-Nom 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, number of Layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Diam of opening in wallboard Layers to be 1 in. Larger than outside diam of pipe covering (Item 3). Max diam of opening in wallboard layers is 8-1/2 in. The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly.  
 2. Metallic Pipe - Nom 4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe or Type L (or heavier) copper tube. One pipe to be installed either concentrically or eccentrically within the firestop system. Pipe to be rigidly supported on both sides of wall assembly.  
 3. Pipe Covering - Nom 3/4 to 1-1/2 in. thick hollow cylindrical heavy density (min 3.5 pcf) glass fiber units jacketed on the outside with a service jacket. Longitudinal joints sealed with metal fasteners or a factory applied SSL tape. Transverse joints secured with metal fasteners or with butt tape supplied with this product. The annular space between the insulated pipe and the edge of the through opening shall be min zero in. (continuous point contact) to max 1-1/4 in. The hourly T Rating is 0 hr when pipe covering Less than non 1-1/2 in. thick is used. When 1-1/2 in. thick pipe covering is used, the hourly T Rating is 1 hr when installed in 1 hr rated walls. When 1-1/2 in. thick pipe covering is used in 2 hr rated wall, the T Rating is 1 hr when copper tube is used and 1-1/2 hr when steel pipe is used. See Pipe and Equipment Covering-Materials (BRCU) category in the Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL classification Marking with a Flame Spread Index of 25 or Less and a Smoke Developed Index of 50 or Less may be used.  
 4. Fill, Void or Cavity Material-Caulk-Installed to fill annular space throughout thickness of gypsum wallboard Layers, flush with each surface of wall. A min 1/4 in. diam bead of caulk shall be applied to the pipe insulation/wallboard-interface at the point contact location on both sides of wall.  
 Minnesota Mining & Mfg. Co.-Type CP 25/MB+  
 Bearing the UL CLASSIFICATION Marking

1. Floor or Wall Assembly - Min 4-1/2 in thick reinforced normal weight (140-150 pcf) concrete floor or min 4-3/4 in thick reinforced normal weight concrete wall. Wall may also be constructed of any UL Classified Concrete Block. Max area of opening is 2700 sq in. with a max dimension of 60 in. See Concrete Block (CAZT) category in the Fire Resistance Directory for names of manufacturers.  
 2. Through-Penetrant - One steel duct to be installed within the firestop system with an annular space of 3 in. Duct to be rigidly supported on both sides of floor or wall assembly. The following types of through-penetrants may be used:  
 A. Steel Air Duct - Min 26 gauge (0.021 in) thick carbon steel duct having an annular perimeter dimension of 2 1/8 in. and an individual dimension of 8 1/4 in. Ducts with any dimension greater than 36 in. shall be provided with intermediate reinforcement in accordance with SMACNA HVAC Duct Construction Standards. Reinforcement to consist of min 1-1/2 in by 1-1/2 in. by 1/8 in. thick transverse stiffening angles, approximately 2 in. less in length than the max dimension, screw attached 4 in. OC to the duct 3 in. beyond the top surface of the floor and both surfaces of the wall.  
 3. Firestop System - The firestop system shall consist of the following:  
 A. Packing Material - Min 4-1/4 in thickness of unfaced zero duct wrap material or min 3 pcf mineral wool batt insulation firmly packed into opening as a permanent form between the bare steel duct and the periphery of the opening. Packing material to be recessed from the top surface of the floor or both surfaces of wall as required to accommodate the required thickness of fill material.  
 B. Fill Void or Cavity Material-Caulk - Min. 1/4 in. thickness of fill material applied within the annulus, flush with top surface of floor or both surfaces of wall.  
 Minnesota Mining & Mfg. Co. - FB-2000+  
 C. Duct Wrap Material - Nom 1-1/2 in. thick, 6 pcf, ceramic blanket totally encapsulated within full-scrim facers. The steel duct shall be wrapped with one layer of duct wrap installed in accordance with the manufacturer's installation instructions, maintaining min 3 in. transverse and longitudinal overlaps. The duct wrap shall be tightly lapped to the floor or wall on both sides of the assembly. All cut edges and ends shall be sealed with 3 in. wide pressure sensitive aluminum foil tape.  
 Minnesota Mining & Mfg. Co. - FireMaster Duct Wrap  
 D. Steel Banding Strap - Min 1/2 in wide by 4/16 in thick carbon steel banding straps used in conjunction with min 1 in. long stainless steel crimp clips. Banding straps spaced a max 12 in. OC and 1-1/2 in. from transverse joints of duct wrap.  
 Bearing the UL Classification Marking

1. AT WALLS THAT TERMINATE ABOVE CEILING, CONTRACTOR MAY CONTINUE METAL STUD FRAMED WALLS TO UNDERSIDE OF METAL DECK AND OMIT DIAGONAL BRACING IF HEIGHT DOES NOT EXCEED LIMITING HEIGHT OF METAL STUD AS INDICATED ON CHART BELOW.  
 2. PROVIDE INTERMEDIATE BRACING AT ALL PARTITIONS THAT EXCEED LIMITING HEIGHT OF METAL STUDS AS INDICATED ON CHART BELOW.  
 3. ALL BRACING SHALL BE AT STUD POINTS.  
 4. HERE BRACING METHODS BETWEEN THIS SHEET AND STRUCTURE CONFLICT, STRUCTURE SHALL PREVAIL, NOTIFY ARCHITECT.  
**TERMINATION NOTES:**  
 1. AT ALL RATED PARTITIONS, FILL VOIDS IN METAL DECK AT TOP OF PARTITIONS WITH FIRESAFING.  
**GYPSUM WALLBOARD PARTITION NOTES:**  
 1. AT PARTITIONS DESIGNATED TO HAVE SOUND ATTENUATION BLANKETS:  
 A. PROVIDE 5-1/2" OR 6" THICK (MATCH STUD SIZE) SOUND ATTENUATION BLANKETS OR BATTS FULL HEIGHT OF PARTITION, UNLESS NOTED OTHERWISE.  
 B. FILL ALL DECK VOIDS WITH SOUND ATTENUATION MATERIAL.  
 C. SEAL PARTITION PERIMETER AND ALL PENETRATIONS WITH ACOUSTICAL SEALANT, TAPE AND BED OR CAULK ALL JOINTS BETWEEN FIRST AND SECOND LAYERS OF GYPSUM BOARD AND AT ALL SOUND RATED WALLS TAKEN THROUGH THE CEILING.  
 D. PROVIDE CONTINUOUS ACOUSTICAL SEALANT AT BOTTOM OF PARTITION ON BOTH SIDES AT NON-RATED PARTITIONS AND PROVIDE CONTINUOUS FIRE RATED SEALANT AT BOTH SIDES OF PARTITION.  
 2. PROVIDE THE BACKER BOARD ON WALLS BEHIND AND ADJACENT TO PLUMBING FIXTURES, AND BEHIND RIGIDLY BRACE ALL DOOR JAMBS AT THE HEAD, HINGE AND STRIKE SIDES AND WINDOW AT THE HEAD, SILL AND JAMBS.  
 3. LOCATE CONTROL JOINTS IN GYPSUM BOARD PARTITIONS AS FOLLOWS:  
 A. PARTITIONS OR FURRING RUNS EXCEEDING 30'-0"  
 B. WHERE A PARTITION ABUTS A STRUCTURAL ELEMENT OR DISSIMILAR WALL  
 C. CONSTRUCTION CHANGES WITHIN PLANE OF PARTITION  
 D. EXPANSION OR CONTRACTION JOINTS THROUGHOUT THE BUILDING  
 E. AT BOTH JAMBS OF INTERIOR AND EXTERIOR DOOR AND WINDOW FRAMES, ABOVE AND BELOW FULL HEIGHT OF WALL  
 4. FIRE RATED PARTITIONS:  
 A. PROVIDE TYPE "X" FIRE RESISTIVE GYPSUM BOARD, 5/8" THICK UNLESS NOTED OTHERWISE.  
 B. FILL VOIDS AT DECK WITH FOAM FIRESTOP SEALANT  
 C. SEAL PARTITION PERIMETER AND ALL PENETRATIONS WITH RATED SEALANT  
 D. REFER TO UL MANUAL FOR RATED PARTITION DESCRIPTIONS AND DETAILED CONSTRUCTION NOTES.  
 5. PROVIDE DEFLECTION TRACK AT ALL STUD CONNECTIONS AT BOTTOM OF DECK AND FILL VOIDS AS REQUIRED.  
 6. EXTEND GYPSUM BOARD ABOVE ADJACENT FINISHED CEILING MINIMUM OF SIX INCHES (6").  
**HOW TO USE THIS SHEET:**  
 1. NOT EVERY PARTITION TYPE SHOWN IS NECESSARILY INTENDED FOR THE USE ON THIS PROJECT. REFER TO FLOOR PLANS FOR REFERENCE MARKS INDICATING APPLICABLE PARTITION TYPES.  
 2. REFER TO BRACING DETAILS FOR SUPPORT OF THE TOP OF EACH PARTITION TYPE AND BRACING OF PARTITIONS THAT EXCEED LIMITING HEIGHT OF PARTITION TYPES.  
 3. REFER TO FINISH SCHEDULES FOR APPLIED FINISHES TO BOTH SIDES OF WALLS.  
 4. COORDINATE BURNISHED AND SPLIT FACE CMU BLOCK BASED ON FINISH SCHEDULES, SECTIONS AND DETAILS.  
 5. COORDINATE TOPS OF FINISHED WALLS WITH ADJACENT CEILING HEIGHTS PER SCHEDULES, SECTIONS AND/OR DETAILS.  
 6. CONSULT ARCHITECT FOR ANY DISCREPANCIES OR QUESTIONS REGARDING PARTITIONS PRIOR TO INSTALLATION.

System No. W-L-5039  
 F Ratings-1 and 2 Hr (See Item 1)  
 T Ratings-3/4, 1 and 1-1/2 Hr (See Item 3)

TYPE FIRE RATG DESCRIPTION  
 S3A 1 HOUR ONE LAYER OF 5/8" TYPE "X" GYP. BD. - CBC TABLE 720.1 (2); RE: FIRE RATED-RESISTANCE CONSTRUCTION NOTES, 1/17/01/11  
 S3B 2 HOUR TWO LAYERS OF 5/8" TYPE "X" GYP. BD. - CBC TABLE 720.1 (2); RE: FIRE RATED-RESISTANCE CONSTRUCTION NOTES, 1/17/01/11  
 S3C 2 HOUR EXTERIOR WALL TWO LAYERS OF 5/8" GYP. BD. ONE SIDE ONE LAYER OF 5/8" GYP. BD. + 1" THICK PLASTER. RE: FIRE RATED-RESISTANCE CONSTRUCTION NOTES, 1/17/01/11

TYPE FIRE RATG DESCRIPTION  
 S1 NONE INTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S1A NONE EXTERIOR 2X WOOD STUDS W/ GYP. BD. ON ONE SIDE - PLASTER FINISH  
 S1B NONE NOT USED  
 S1C NONE 2X WOOD STUDS WITH GYP. BD. ON ONE SIDE - OTHER SIDE 2 LAYER GYP BOARD TO MATCH ADJACENT WALL

TYPE FIRE RATG DESCRIPTION  
 S2 NONE INTERIOR 2X WOOD STUDS W/ GYP. BD. ON BOTH SIDES  
 S2A NONE EXTERIOR 2X WOOD STUDS W/ GYP. BD. ON BOTH SIDES

TYPE FIRE RATG DESCRIPTION  
 S3 NONE INTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3A NONE EXTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3B NONE INTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3C NONE EXTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES

TYPE FIRE RATG DESCRIPTION  
 S3A NONE INTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3B NONE EXTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3C NONE INTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3D NONE EXTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES

TYPE FIRE RATG DESCRIPTION  
 S3A NONE INTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3B NONE EXTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3C NONE INTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3D NONE EXTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES

TYPE FIRE RATG DESCRIPTION  
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TYPE FIRE RATG DESCRIPTION  
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 S3C NONE INTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3D NONE EXTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES

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 S3B NONE EXTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3C NONE INTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
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 S3A NONE INTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
 S3B NONE EXTERIOR 2X WOOD STUDS WITH GYP. BD. ON BOTH SIDES  
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## GENERAL NOTES

- VERIFY DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH AFFECTED WORK.
- DIMENSIONS NOTED AS "VERIFY" OR "V.C." SHALL BE CHECKED AT THE SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCHITECT BEFORE INCORPORATING INTO THE WORK.
- DO NOT SCALE DRAWING. WRITTEN DIMENSIONS TAKE PRECEDENCE. IF CLARIFICATION IS REQUIRED IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS, CONTACT THE ARCHITECT.
- NOTES OR DIMENSIONS LABELED "TYPICAL" SHALL APPLY TO SITUATIONS THAT ARE THE SAME OR SIMILAR.
- ALL DIMENSIONS ARE TO FACE OF STUD. U.O.N.
- REFERENCE SHEET X FOR ALL LOCKER TYPES.
- ALL SPACES WITH FLOOR DRAINS TO HAVE FINISHED FLOORS SLOPED TO DRAIN NOT TO EXCEED ONE IN FIFTY.
- ALL FLOORS FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOOR PANEL UNLESS NOTED OTHERWISE. ALL FLOOR FINISH CHANGES SHALL HAVE THRESHOLDS OR REDUCER STRIPS.
- COORDINATE HOUSEKEEPING PAD DIMENSIONS AND LOCATIONS WITH EQUIPMENT TO BE INSTALLED. RE: STRUCTURAL REINFORCING.
- ALL DOORS IN INTERIOR GYP. BOARD STUD WALLS SHALL BE SET 4" OFF THE PERPENDICULAR ADJACENT WALL ON THE HINGE SIDE OF THE DOOR U.O.N. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IF ANY CONFLICTS OCCUR.
- ALUMINUM THRESHOLDS TO BE SET IN FULL BED OF SEALANT AT ALL EXTERIOR DOORS.
- COORDINATE ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO SLAB CONSTRUCTION.
- PROVIDE VINYL REDUCER AT ALL DISSIMILAR FLOOR MATERIALS U.O.N.
- U.O.N., ALL ELECTRICAL AND MECHANICAL OPERABLE DEVICES SHALL BE MOUNTED WITH THE HIGHEST OPERABLE CONTROL AT MAXIMUM OF 42" AFF.
- ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS INCLUDING BUT NOT LIMITED TO ALL COUNTERTOPS, ALL PLUMBING FIXTURES, INCLUDING ALL DRINKING FOUNTAINS, ALL LAVATORIES, ALL URINALS, AND ALL TOILETS SHALL BE STRICTLY ENFORCED.
- ANCHORAGE OF FUTURE EQUIPMENT NOTED AS N.C. IN THESE DOCUMENTS WILL REQUIRE A SEPARATE D.S.A. APPLICATION AND APPROVAL PRIOR TO INSTALLATION.

## TOILET ACCESSORIES

LABEL	DESCRIPTION	REMARKS
TA-1	SOAP DISPENSER	
TA-2	MIRROR	
TA-3	TOILET PAPER DISPENSER	
TA-4	PAPER TOWEL DISPENSER	
TA-5	GRAB BARS (AT TYPICAL ACCESSIBLE TOILET STALL)	
TA-6	SANITARY NAPKIN DISPENSER	
TA-7	SANITARY NAPKIN DISPOSAL	
TA-8	SOAP AND BROOM HOLDER	
TA-9	GRAB BARS (AT ACCESSIBLE SHOWER)	
TA-10	FOLDING SHOWER BENCH	
TA-11	CLOTHES HOOK	NOTE 5
TA-12	SHOWER CURTAIN, ROD AND HOOKS	
TA-13	PAPER TOWEL DISPENSER	
TA-14	GRAB BARS (AT TYPICAL ACCESSIBLE TOILET STALL)	
TA-15	GRAB BARS (AT ACCESSIBLE TOILET STALL)	
TA-16	CHANGING STATION	
TA-17	TRASH RECEPTACLE	
TA-18	TOILET PAPER DISPENSER (AT ACCESSIBLE TOILET STALL)	
TA-19	GRAB BARS (AT TYPICAL ACCESSIBLE TOILET STALL)	
TA-20	SANITARY NAPKIN DISPOSAL (AT TYPICAL ACCESSIBLE TOILET STALL)	

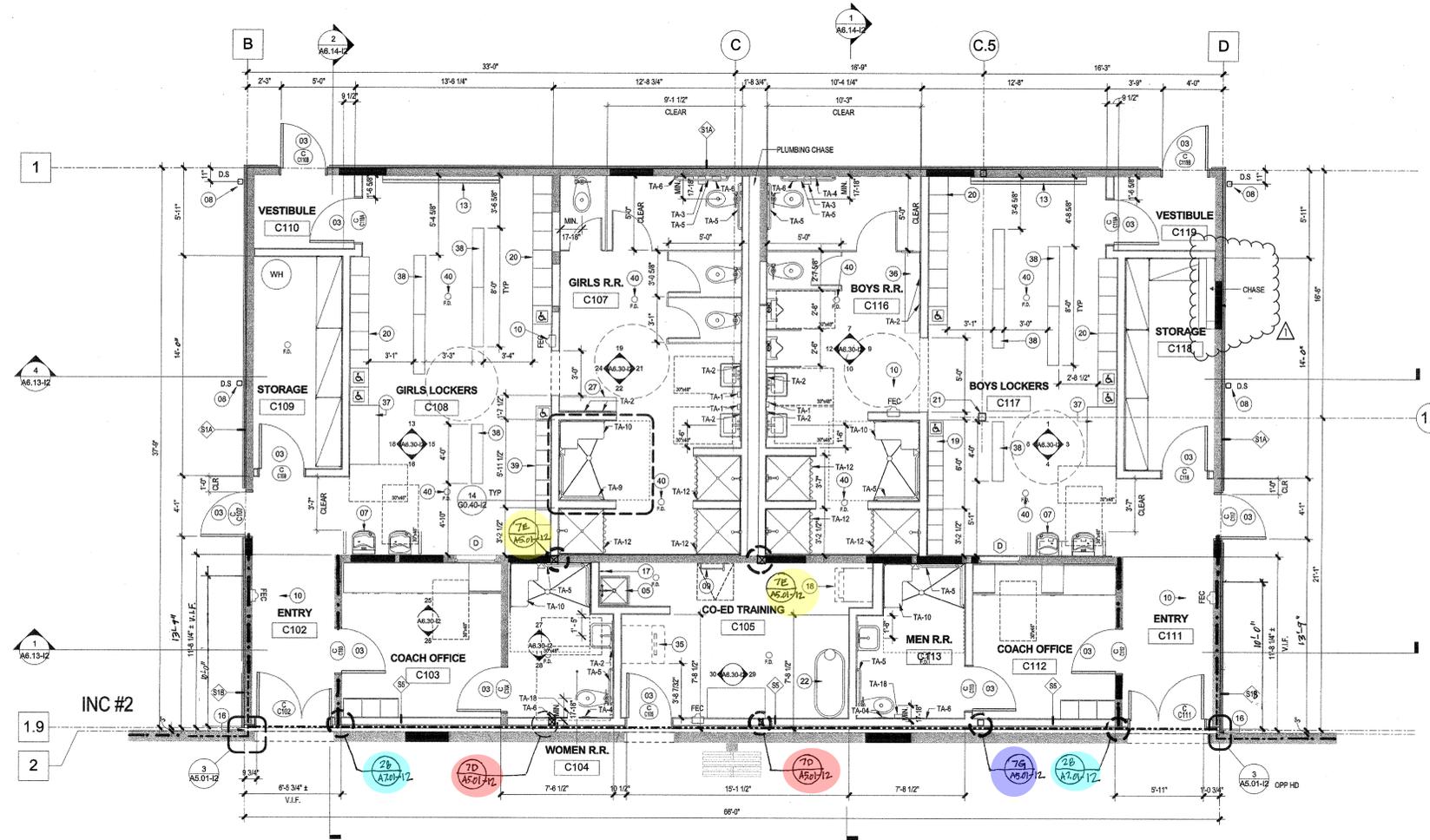
- NOTE: ALL TOILET ACCESSORIES SHALL BE CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE.
- COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
  - CONTRACTOR IS TO VERIFY ALL HEIGHTS OF ACCESSORIES TO COMPLY WITH ALL APPLICABLE ACCESSIBILITY REQUIREMENTS.
  - REFER TO ALL FINISHES AND COLORS IN FINISH SCHEDULE. VERIFY ALL PATTERNS WITH ARCHITECT.
  - ALIGN MIRROR ON CENTER OF LAVATORY.
  - ONE(1) HOOK SHALL BE INSTALLED INSIDE DOOR AT EACH TOILET PARTITION. ONE HOOK INSIDE DOOR AT SINGLE TOILET ROOMS AND ONE HOOK AT EACH SHOWER.

## CONSTRUCTION - KEYED NOTES

- (N) BATT INSULATION AND GYPSUM BOARD
- (N) FLOOR FINISH, SEE FINISH SCHEDULE
- (N) HM DOOR, SEE DOOR SCHEDULE SHEET A2.01-12, PAINT TO MATCH NEW CONSTRUCTION
- (N) CHAINLINK FENCE / GATE, P. I. C.
- (N) MCP SINK
- NOT USED
- (N) HI LOW DRINKING FOUNTAIN, RE: 22 / G0.40-12
- (N) RAIN WATER LEADER, PAINTED, TYP.
- (N) STEEL LADDER TO MECHANICAL PLATFORM W/ GUARDRAIL, RE: 2 / A8.00-12
- (N) FIRE EXTINGUISHER
- (N) 10'W x 12' H ROLL UP DOOR
- (N) 12'W x 12' H ROLL UP DOOR
- (N) WHITEBOARD
- BOLDHEAD WORKBENCH W/ CASEWORK
- MAPLE TOP STORAGE CABINETS
- EXPANSION JOINT
- FAUCET
- STACKABLE WASHER AND DRYER CONNECTION, EQUIPMENT N.I.C.
- (18) TYPE 1 12'X12'X30" 2 TIER LOCKERS RE: 5 / A8.00-12
- (16) TYPE 2 15'X15'X30" 2 TIER LOCKERS RE: 5 / A8.00-12
- 6" HSS COLUMN / COLUMN W/ W/ RE: 7F / A7.01-12
- HYDROTHERAPY TUB
- FULL HEIGHT CUPBOARDS
- GLASS DOOR FULL HEIGHT CUPBOARDS
- MAP DRAWERS
- OVERHEAD CASEWORK AND CABINETS RE: 4 / A8.00-12
- CO2 FIRE EXTINGUISHER
- GASOLINE FOUNTAIN, N.I.C.
- EXHAUST, RE: 1804, SHEET M.3.1-12
- EMERGENCY POWER SHUT OFF
- EYE WASH STATION
- WASH FOUNTAIN LAVATORY
- (N) 6'W x 12' H ROLL UP DOOR
- 9 WORK STATIONS @ 18" WIDE
- ICE MAKER CONNECTION, EQUIPMENT N.I.C.
- (N) FIXED COUNTER
- (N) ADA BENCH 24X48, RE: 21 / A8.00-12
- (N) WOOD BENCH, RE: 9 / A8.00-12
- (20) TYPE 1 12'X12'X30" 2 TIER LOCKERS RE: 5 / A8.00-12
- FLOOR DRAIN, SLOPE FLOOR TO DRAIN, 2% MAX

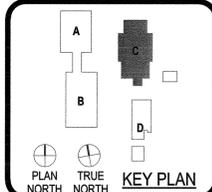
## GENERAL FLOOR PLAN LEGEND

- NEW (N) 2x WOOD STUD WALL @ 16" O.C., WALL TYPE S2 U.O.N. - RE: WALL TYPES, A7.01-12
- 2x WOOD STUD WALL @ 16" O.C. - FULL HEIGHT 1-HOUR FIRE RATED WALL, WALL TYPE S2A U.O.N. - RE: WALL TYPES, A7.01-12
- 2x WOOD STUD WALL @ 16" O.C. - FULL HEIGHT 2-HOUR FIRE RATED WALL, RE: WALL TYPE S5 SHEET A7.01-12
- (N) 2x WOOD STUD INFILL IN (E) OPENING, MATCH ADJACENT WALL TYPE
- 2x WOOD STUD WALL, (E) FRAMING WITH NEW FINISHES, WALL TYPE S1 U.O.N. - RE: WALL TYPES, A7.01-12
- WALL TYPE, RE: A7.01-12



LOCKER SCHEDULE				DA LOCKERS			
QTY (INCLUDING DA LOCKERS)	TYPE			QTY	TYPE		
<b>BOYS</b>				<b>BOYS</b>			
18	TYPE (1) 12' x 12' x 30"	Standard Locker		1	TYPE (1) 12' x 12' x 30"	Standard Locker	
32	TYPE (2) 15' x 15' x 30"	Sports Locker		3	TYPE (2) 15' x 15' x 30"	Sports Locker	
<b>GIRLS</b>				<b>GIRLS</b>			
29	TYPE (1) 12' x 12' x 30"	Standard Locker		1	TYPE (1) 12' x 12' x 30"	Standard Locker	
32	TYPE (2) 15' x 15' x 30"	Sports Locker		3	TYPE (2) 15' x 15' x 30"	Sports Locker	

1 FLOOR PLAN - LOCKER ROOMS  
1/8" = 1'-0"



INCREMENT  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 02-116570  
ACSC 11/14/14 RE: 16-066  
DATE: AUG 30 2018



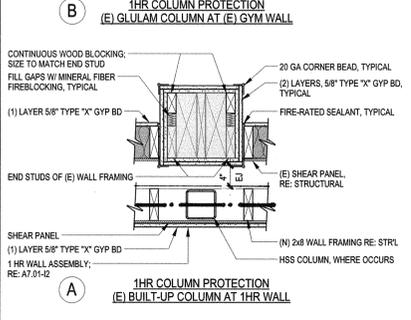
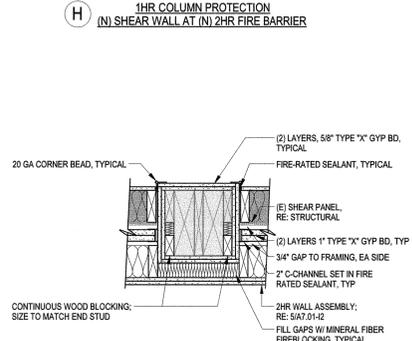
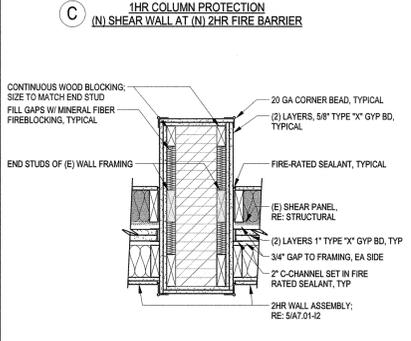
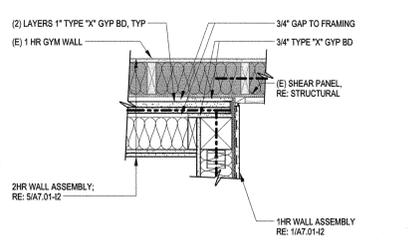
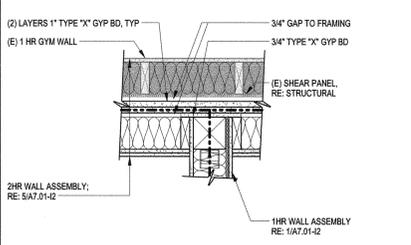
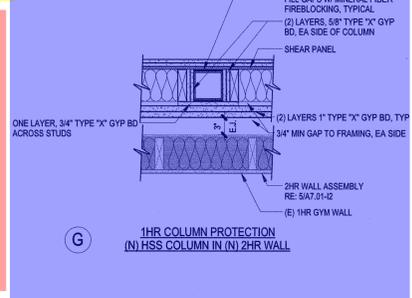
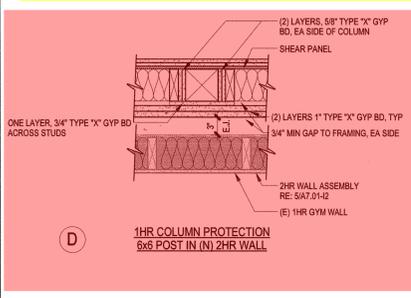
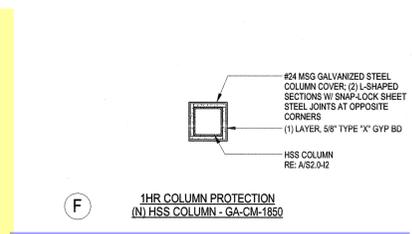
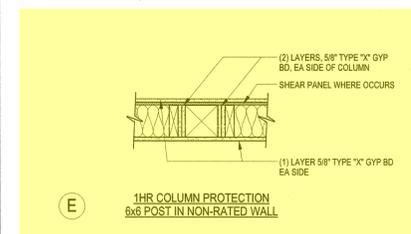
CLIENT  
MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT  
PROJECT NUMBER  
17141  
DATE: AUGUST 21, 2018  
DRAWN BY: Author  
CHECKED BY: Checker  
REVISIONS

No.	Description	Date

CONSTRUCTION DOCUMENTS

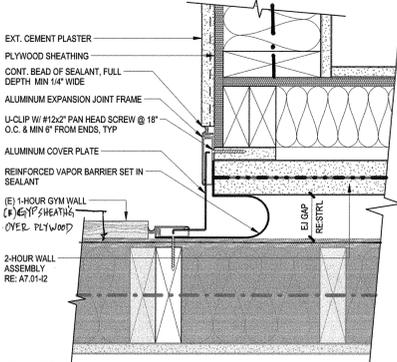
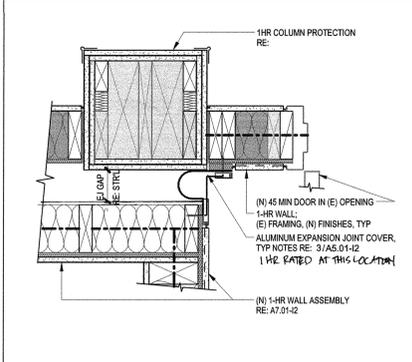
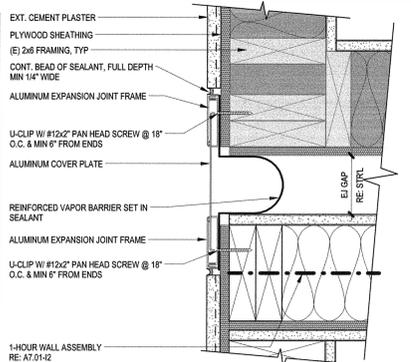
PLAN DETAILS

A5.01-I2



NOTE:  
COLUMN PROTECTION PER CBC 704.2 SHALL BE CONTINUOUS ON ALL SIDES FOR THE FULL COLUMN HEIGHT, INCLUDING CONNECTIONS TO OTHER STRUCTURAL MEMBERS. WHERE PERMITTED, STAGGER HORIZONTAL JOINTS IN GYP BD 12\"/>

7 PROTECTION OF STRUCTURAL MEMBERS  
1\"/>



### FIRE RATED CONSTRUCTION NOTES

#### GYPSUM WALLBOARD PARTITION NOTES:

- ALL METAL STUD PARTITIONS ARE 25 GAUGE METAL STUDS AT 16" O.C. UNLESS NOTED OTHERWISE. IF THE LIMITING HEIGHT FOR A PARTITION IS EXCEEDED, INCREASE GAUGE OF STUDS AS INDICATED ON "LIMITING HEIGHT OF METAL STUDS" TABLE BELOW. NOTIFY ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE 25 GAUGE METAL STUDS IN LIEU OF 25 GAUGE METAL STUDS AT STUD WALL CERAMIC TILE LOCATIONS.
- SET ALL FLOOR TRACKS ON A CONTINUOUS RIBBON OF SEALANT.
- AT PARTITIONS DESIGNATED TO HAVE SOUND ATTENUATION BLANKETS:
  - PROVIDE 3-1/2" OR 8" THICK (MATCH STUD SIZE) SOUND ATTENUATION BLANKETS OR BATTS FULL HEIGHT OF PARTITION, UNLESS NOTED OTHERWISE.
  - FILL ALL DECK VOIDS WITH SOUND ATTENUATION MATERIAL.
  - SEAL PARTITION PERIMETER AND ALL PENETRATIONS WITH ACOUSTICAL SEALANT.
  - TAPE AND BED OR CALK ALL JOINTS BETWEEN FIRST AND SECOND LAYERS OF GYPSUM BOARD AND AT ALL SOUND RATED WALLS TAKEN THROUGH THE CEILING.
  - PROVIDE CONTINUOUS ACOUSTICAL SEALANT AT BOTTOM OF PARTITION ON BOTH SIDES AT NON-RATED PARTITIONS AND PROVIDE CONTINUOUS FIRE RATED SEALANT AT FIRE-RATED PARTITIONS.
- PROVIDE TILE BACKER BOARD ON WALLS BEHIND AND ADJACENT TO PLUMBING FIXTURES, AND BEHIND ALL CERAMIC TILE AT ALL DWP LOCATIONS AT GYPSUM BOARD PARTITIONS.
- RIGIDLY BRACE ALL DOOR JAMBS AT THE HEAD, HINGE AND STRIKE SIDES AND WINDOW AT THE HEAD AND JAMBS.
- LOCATE CONTROL JOINTS IN GYPSUM BOARD PARTITIONS AS FOLLOWS:
  - PARTITIONS OR FURRING RUNS EXCEEDING 30'-0"
  - WHERE A PARTITION ABUTS A STRUCTURAL ELEMENT OR DISSIMILAR WALL
  - CONSTRUCTION CHANGES WITHIN PLANE OF PARTITION
  - AT EXPANSION OF JOINTS THROUGHOUT THE BUILDING
  - AT TOP OF JAMBS OF INTERIOR AND EXTERIOR DOOR AND WINDOW FRAMES, ABOVE AND BELOW FULL HEIGHT OF WALL.
- FIRE RATED PARTITIONS:
  - PROVIDE TYPE "X" FIRE RESISTIVE GYPSUM BOARD, 5/8" THICK UNLESS NOTED OTHERWISE.
  - FILL ALL VOIDS AT DECK WITH FOAM FIRESTOP SEALANT.
  - SEAL PARTITION PERIMETER AND ALL PENETRATIONS WITH RATED SEALANT.
  - REFER TO UL MANUAL FOR RATED PARTITION DESCRIPTIONS AND DETAILED CONSTRUCTION NOTES.
- PROVIDE DEFLECTION TRACK AT ALL STUD CONNECTIONS AT BOTTOM OF DECK AND FILL VOIDS AS REQUIRED.
- EXTEND GYPSUM BOARD ABOVE ADJACENT FINISHED CEILING MINIMUM OF SIX INCHES (6").

#### HOW TO USE THIS SHEET:

- NOT EVERY PARTITION TYPE SHOWN IS NECESSARILY INTENDED FOR THE USE ON THIS PROJECT. REFER TO FLOOR PLANS FOR REFERENCE MARKS INDICATING APPLICABLE PARTITION TYPES AND DETAILS.
- REFER TO BRACING DETAILS FOR SUPPORT OF THE TOP OF EACH PARTITION TYPE AND BRACING OF PARTITIONS THAT EXCEED LIMITING HEIGHT OF PARTITION TYPES.
- REFER TO FINISH SCHEDULES FOR APPLIED FINISHES TO BOTH SIDES OF WALLS.
- COORDINATE TOPS OF FINISHED WALLS WITH ADJACENT CEILING HEIGHTS PER SCHEDULES, SECTIONS AND DETAILS.
- CONSULT ARCHITECT FOR ANY DISCREPANCIES OR QUESTIONS REGARDING PARTITIONS PRIOR TO INSTALLATION.

#### CONSTRUCTION DOCUMENTS

### HAYFORK HIGH SCHOOL ALTERATIONS AND ADDITION TO LOCKER ROOM, SHOP AND CLASSROOM - BUILDING C INCREMENT #2

#### Mountain Valley Unified School District

231 OAK AVE, HAYFORK, CA 95041

CONSTRUCTION DOCUMENTS

DATE: AUG 20 2018

PROJECT NUMBER: 17141

DATE: AUGUST 21, 2018

DRAWN BY: ER

CHECKED BY: PC

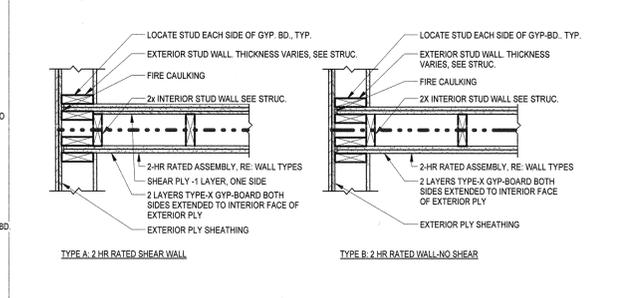
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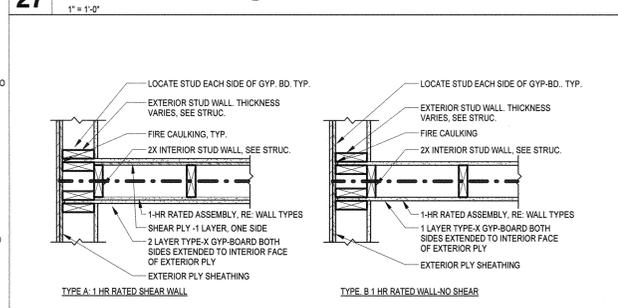
CONSTRUCTION DOCUMENTS

PARTITION TYPES

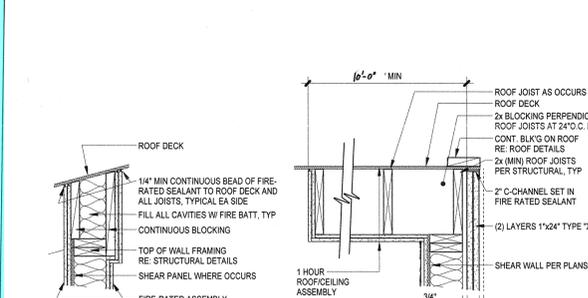
A7.01-12



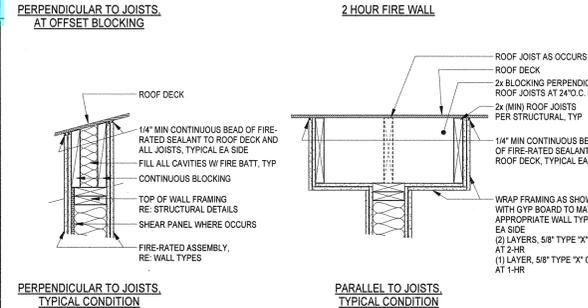
27 2 HR. WALL JUNCTION @ EXTERIOR WALL  
1" = 1'-0"



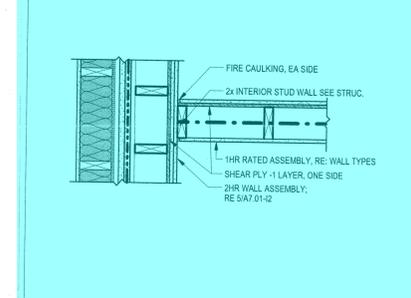
25 1 HR. WALL JUNCTION @ EXTERIOR WALL  
1" = 1'-0"



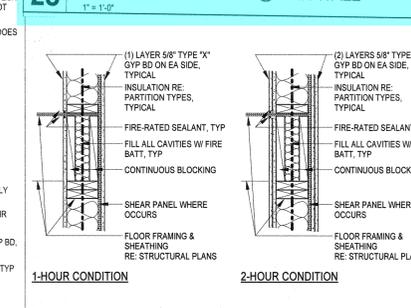
22 TOP OF RATED PARTITIONS  
1" = 1'-0"



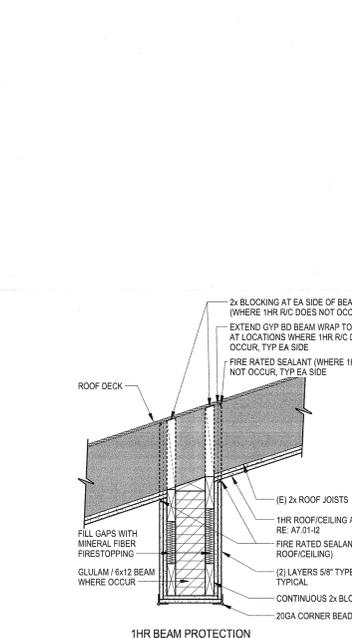
23 RATED PARTITIONS @ FLOOR JUNCTION  
1" = 1'-0"



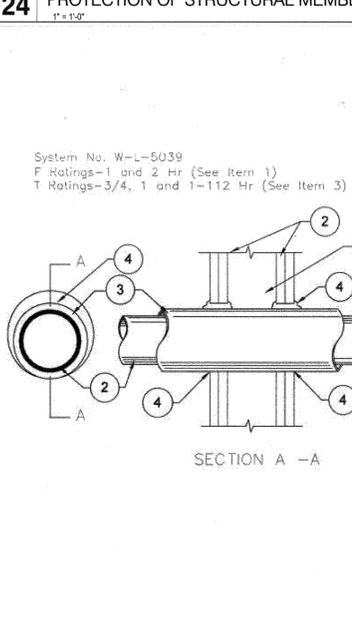
28 1 HR WALL JUNCTION @ 2HR WALL  
1" = 1'-0"



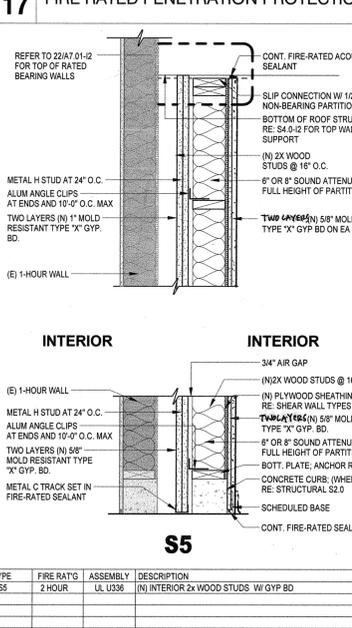
24 PROTECTION OF STRUCTURAL MEMBERS  
1" = 1'-0"



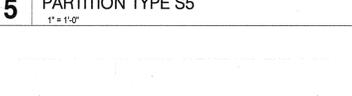
21 1 HR. WALL JUNCTION @ EXTERIOR WALL  
1" = 1'-0"



17 FIRE RATED PENETRATION PROTECTION DETAIL  
1" = 1'-0"



15 FIRE RATED PENETRATION PROTECTION DETAIL  
1" = 1'-0"



8 PARTITION TYPES-TYPICAL DETAILS  
1 1/2" = 1'-0"

1. Wall Assembly - The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:  
A. Studs-Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. Lumber spaced 16 in. OC. Steel studs to be min 3-5/8 in. wide and spaced max 24 in. oc.  
B. Wallboard, Gypsum-Nom 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max area of opening is 2700 sq in. with a max dimension of 90 in. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.  
C. Firestop System - The firestop system shall consist of the following:  
A. Packing Material - Min 4-1/4 in. thickness of unfaced scrap duct wrap material or min 3 pcf mineral wool batt insulation firmly packed into opening as a permanent form between the bare steel duct and the periphery of the opening. Packing material to be recessed from the top surface of the floor or both surfaces of wall as required to accommodate the required thickness of fill material.  
B. Fill, Void or Cavity Material-Caulk - Min. 1/4 in. thickness of fill material applied within the annulus, flush with top surface of floor or both surfaces of wall.  
C. Duct Wrap Material - Min 1-1/2 in. thick, 6 pcf, ceramic blanket totally encapsulated within foil-scrim facers. The steel duct shall be wrapped with one layer of duct wrap installed in accordance with the manufacturer's installation instructions, maintaining min 3 in. transverse and longitudinal overlaps. The duct wrap shall be tightly butted to the floor or wall on both sides of the assembly. All cut edges and ends shall be sealed with 3 in. wide pressure sensitive aluminum foil tape.  
D. Steel Banding Straps - Min 1/2 in. wide by 0.015 in. thick carbon steel banding straps used in conjunction with min 1 in. long stainless steel clamp clips. Banding straps spaced a max 12 in. OC and 1-1/2 in. from transverse joints of duct wrap.  
\*Bearing the UL Classification Marking

1. Floor or Wall Assembly - Min 4-1/2 in thick reinforced normal weight (140-150 pcf) concrete floor or min 4-3/4 in thick reinforced normal weight concrete wall. Wall may also be constructed of any UL Classified Concrete Blocks\*. Max area of opening is 2700 sq in. with a max dimension of 90 in. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.  
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## GENERAL NOTES

- VERIFY DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH AFFECTED WORK.
- REFLECTED CEILING PLAN DIMENSIONS ARE REFERENCED FROM FINISHED SURFACES UNLESS NOTED OTHERWISE. CEILING HEIGHTS ARE DIMENSIONED FROM FLOOR TO FINISHED CEILING HEIGHT.
- DIMENSIONS NOTED AS "FIELD VERIFY" SHALL BE CHECKED AT THE SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCHITECT BEFORE INCORPORATING INTO THE WORK.
- DO NOT SCALE DRAWING. WRITTEN DIMENSIONS TAKE PRECEDENCE. IF CLARIFICATION IS REQUIRED IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS, CONTACT THE ARCHITECT.
- NOTES OR DIMENSIONS LABELED "TYPICAL" SHALL APPLY TO SITUATIONS THAT ARE THE SAME OR SIMILAR.
- ALL INTERIOR PARTITIONS SHALL BE KEYS AS - REFERENCE SHEET SERIES A7.00 FOR INTERIOR PARTITION TYPES.
- ALL DIMENSIONS ARE TO FACE OF FINISHED WALL UNLESS NOTED OTHERWISE.
- REFERENCE SHEET SIA8.00-1 FOR ALL LOCKER TYPES.
- N/A
- ALL SPACES WITH FLOOR DRAINS TO HAVE FINISHED FLOORS SLOPED TO DRAIN NOT TO EXCEED ONE IN FIFTY.
- N/A
- ALL FLOORS FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS UNLESS NOTED OTHERWISE. ALL FLOOR FINISH CHANGES SHALL HAVE THRESHOLDS OR REDUCER STRIPS.
- COORDINATE HOUSEKEEPING PAD DIMENSIONS AND LOCATIONS WITH EQUIPMENT TO BE INSTALLED. RE: STRUCTURAL FOR REINFORCING.
- N/A
- ALUMINUM THRESHOLDS TO BE SET IN FULL BED OF SEALANT AT ALL EXTERIOR DOORS.
- FOR TYPICAL TACKBOARD/MARKERBOARD ELEVATION REFER TO INTERIOR ELEVATIONS A8.20-1 - A8.23-1
- COORDINATE ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO SLAB CONSTRUCTION.
- PROVIDE VINYL REDUCER AT ALL DISSIMILAR FLOOR MATERIALS U.N.O.
- U.N.O.: ALL ELECTRICAL AND MECHANICAL OPERABLE DEVICES SHALL BE MOUNTED WITH THE HIGHEST OPERABLE CONTROL AT MAXIMUM OF 42" AFF.
- ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS INCLUDING BUT NOT LIMITED TO ALL COUNTERTOPS, ALL PLUMBING FITTINGS, INCLUDING ALL DRINKING FOUNTAINS, ALL LAVATORIES, ALL URINALS, AND ALL TOILETS SHALL BE STRICTLY ENFORCED.
- ALL INTERIOR PARTITION TYPES ARE PER SHEET A7.01-3

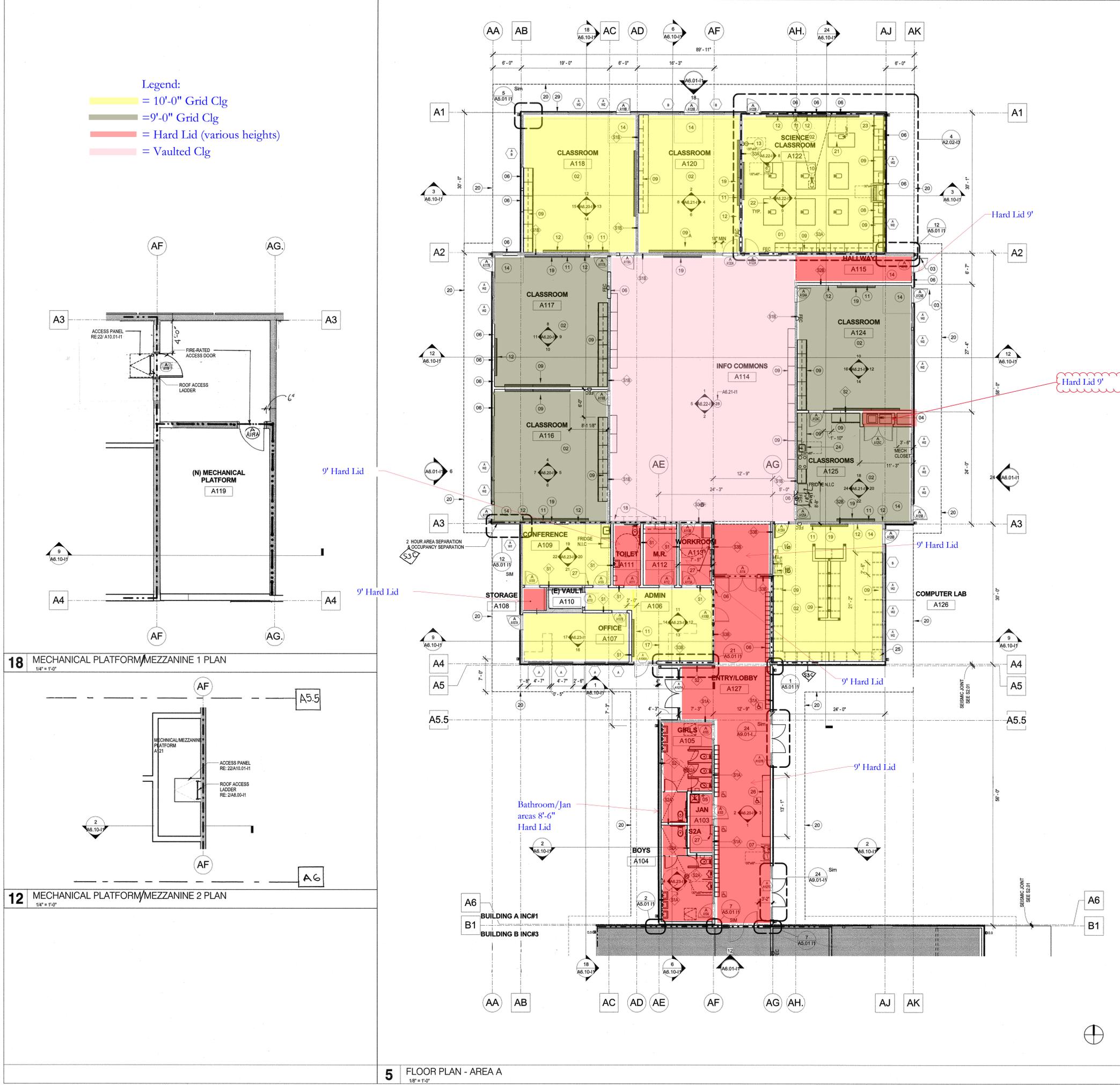
## CONSTRUCTION - KEYED NOTES

- (1) (N) BATT INSULATION AND CEILING PER RCP, SHEET A10.01-11
- (2) (N) FLOOR FINISH, REF. FINISH SCHEDULE
- (3) (N) HM DOOR, SEE DOOR SCHEDULE
- (4) WASHER AND DRYER (N.I.C.)
- (5) MCP SINK
- (6) WALL INFILL, MATCH EXISTING CONDITION RE: STRUCTURAL 14S1.3
- (7) (N) HI-LOW DRINKING FOUNTAIN, RE: DETAILS 22 & 23 SHEET G0.40-11 HAND RAILING
- (8) (N) FUME HOOD - ACCESSIBLE 250LBS MAX RE: A6.22-11
- (9) (N) CASEWORK AND WALL CABINETS, REF. INTERIOR ELEVATIONS
- (10) NCP SINK
- (11) (N) MARKERBOARD, RE: 12/A8.00-11
- (12) (N) TACKBOARD, RE: 8/A8.00-11
- (13) EMERGENCY EYEWASH/SHOWER STATION, RE: 28/G0.40-11
- (14) 6"X6" WALK-OFF CARPET
- (15) PLOTTER, N.I.C. COORDINATE WITH OWNER FOR SPACE REQUIRED
- (16) UPPER CABINET RE: 22/A-8.00-11
- (17) (E) FURNITURE - COORDINATE WITH OWNER
- (18) EXISTING SHELVING TO BE REUSED, N.I.C. PROVIDED BY OWNER
- (19) (N) WALL MOUNTED PROJECTOR, RE: 8/A8.00-11
- (20) (N) METAL ROOF, REF. TO ROOF PLAN A3.01-11
- (21) (N) TEACHER DEMONSTRATION TABLE, REF. SPECS.
- (22) (N) STUDENT WORKSTATIONS, REF. SPECS.
- (23) (N) FIRE RATED STORAGE CABINET, REF. SPECS.
- (24) ACCESSIBLE SINK AND ACCESSORIES, REF. MEP DWGS
- (25) MECHANICAL CHASE
- (26) DISPLAY CASEWORK, REF. INTERIOR ELEVATIONS 8/A8.00-11
- (27) STEEL LADDER AS SPEC. RE: 2/A8.00-11
- (28) ASSISTIVE LISTENING SIGNAGE, RE: 27/G0.60-11
- (29) SNOW LOAD SIGNAGE, RE: 28/G0.60-11

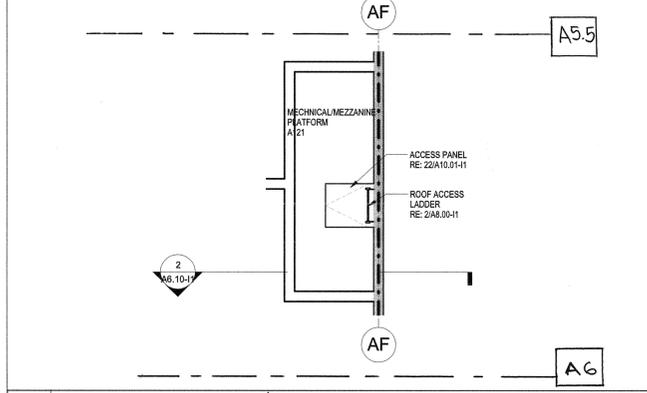
## GENERAL FLOOR PLAN LEGEND

- EXISTING STUD WALL WITH NEW FINISHES, WALL TYPES SHEET A7.00A-11
- WOOD STUD WALL @16" O.C. - FULL HEIGHT
- 2 HOURS FIRE RATED ASSEMBLY; RE: SHEET A7.01-11
- WOOD STUD WALL @16" O.C. - FULL HEIGHT
- 1 HOUR FIRE RATED ASSEMBLY; RE: SHEET A7.01-11
- NEW 2 X 6 WOOD STUD WALL @16" O.C.
- NEW FIRE EXTINGUISHER, RE: 208/19/A8.00-11
- F.E.C.
- PARTITION TYPE, REFERENCE SHEET A7.01-11
- NOT IN SCOPE

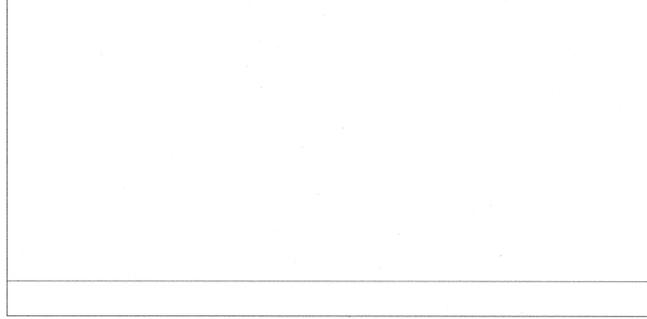
- Legend:**
- 10'-0" Grid Clg
  - 9'-0" Grid Clg
  - Hard Lid (various heights)
  - Vaulted Clg



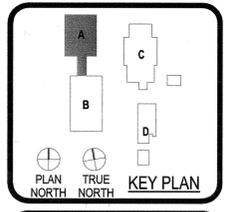
**18 MECHANICAL PLATFORM/MEZZANINE 1 PLAN**  
 1/4" = 1'-0"



**12 MECHANICAL PLATFORM/MEZZANINE 2 PLAN**  
 1/4" = 1'-0"



**5 FLOOR PLAN - AREA A**  
 1/8" = 1'-0"



INCREMENT 1

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 8-3-142  
 APR 12 11:57:10  
 ACS  
 DATE 8-28-2018



CLIENT  
 MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT

PROJECT NUMBER  
 17141

DATE: AUGUST 21, 2018

DRAWN BY: Author

CHECKED BY: Checker

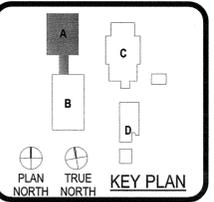
REVISIONS

No.	Description	Date

CONSTRUCTION DOCUMENTS

**BUILDING A**

**A2.02-11**



INCREMENT 1  
 IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APPL 02-116570  
 ACS [Signature]  
 DATE 8-28-2018



CLIENT  
 MOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT  
 PROJECT NUMBER  
 17141  
 DATE: AUGUST 21, 2018  
 DRAWN BY: Author  
 CHECKED BY: Checker  
 REVISIONS

No.	Description	Date

CONSTRUCTION DOCUMENTS  
**RCP BUILDING A**  
**A10.01-11**

### GENERAL CEILING PLAN NOTES

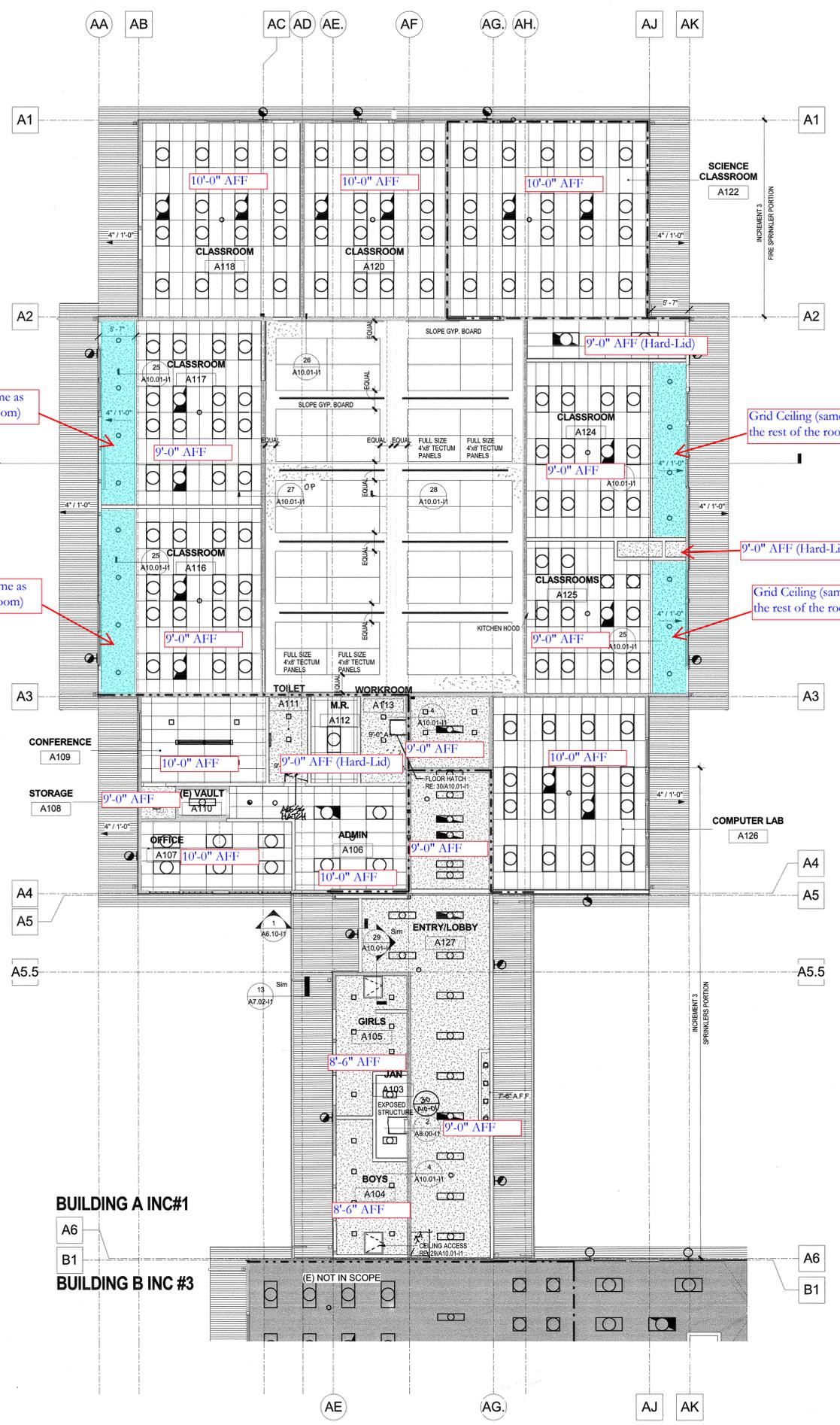
- REFER TO AND COORD. WITH ROOM FINISH SCHEDULES FOR SPECIFIC CEILING TYPES.
- ALL SCHEDULED CEILING HEIGHTS ARE FROM THE MAIN FLOOR LEVEL WITHIN THE ROOM AND OR SPACE, AND ARE NOT FROM AN ELEVATED FLOOR LEVEL, AND ARE NOT FROM A RECESSED FLOOR LEVEL.
- NA.
- ONLY CEILING MOUNTED FIXTURES AND EQUIP. IS SHOWN ON ARCH. CEILING PLANS. REFER TO INTERIOR ELEVATIONS FOR WALL MOUNTED FIXTURES. REFER TO MEPT DOCUMENTS FOR ADDITIONAL INFORMATION CONCERNING CEILING MOUNTED FIXTURES AND OR WALL MOUNTED FIXTURES.
- CEILING MOUNTED LIGHT FIXTURES ARE SHOWN FOR LOCATION PURPOSES ONLY. COORD. WITH ELEC. DOCUMENTS FOR LIGHT FIXTURE DESIGNATIONS.
- CEILING MOUNTED LIGHT FIXTURES WITHIN FIRE RATED CEILING ASSEMBLIES SHALL HAVE LIGHT FIXTURE PROTECTION AND BE TESTED OR OTHERWISE FIRE RATED TO MATCH CEILING ASSEMBLY FIRE RATING.
- VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEPT DOCUMENTS. COORD. LOCATIONS OF CEILING ACCESS PANELS WITH ARCH. PRIOR TO INSTALLATION. CEILING ACCESS PANEL FIRE RATINGS SHALL MATCH CEILING ASSEMBLY FIRE RATINGS.
- REFER TO WALL SECTIONS FOR WALL-CEILING INTERFACE.

### CEILING MATERIALS LEGEND

- ACT-1 - 2' x 4' ACOUSTIC CEILING TILE  
RE: SHEET A10.20-11
- 4' x 8' TECTUM PANEL  
RE: 26, 27 & 28 / A10.01-11
- GWB - GYPSUM BOARD, CEILING  
RE: 4/A10.01-11
- METAL PANEL, SOFFIT  
RE: 4/A3.01-11
- 30" x 24" CEILING ACCESS ; RE: 29 / A10.01-11
- 8'x8' CEILING ACCESS AT RIDGE

### CEILING FIXTURE LEGEND

- 2'x4' LIGHT FIXTURE, SET INTO T-BAR CEILING. REFER TO LIGHTING PLAN.
- 2'x2' LIGHT FIXTURE, REFER TO LIGHTING PLAN.
- 2'x2' LIGHT FIXTURE IN HIGH CEILING. REFER TO LIGHTING PLAN.
- 8'x8' LIGHT FIXTURE, REFER TO LIGHTING PLAN.
- 1'x4' LIGHT FIXTURE, REFER TO LIGHTING PLAN.
- 2'x2' LIGHT FIXTURE, REFER TO LIGHTING PLAN.



Grid Ceiling (same as the rest of the room)

Grid Ceiling (same as the rest of the room)

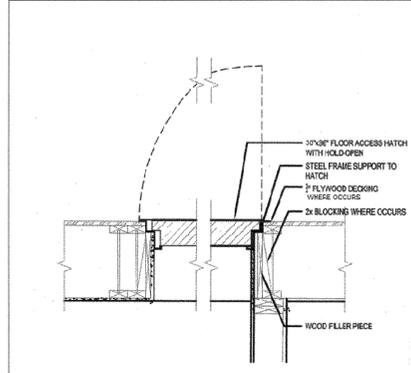
9'-0" AFF (Hard-Lid)

Grid Ceiling (same as the rest of the room)

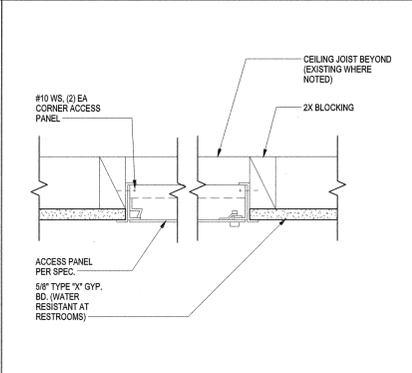
Grid Ceiling (same as the rest of the room)

BUILDING A INC#1

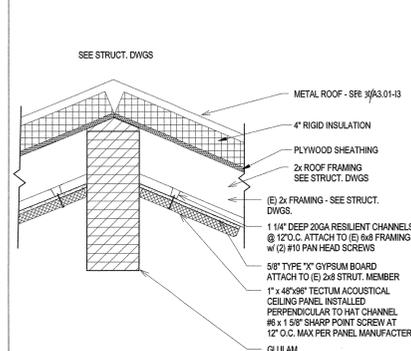
BUILDING B INC #3



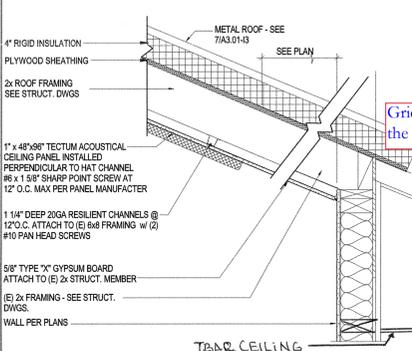
**30 FLOOR ACCESS HATCH**  
1" = 1'-0"



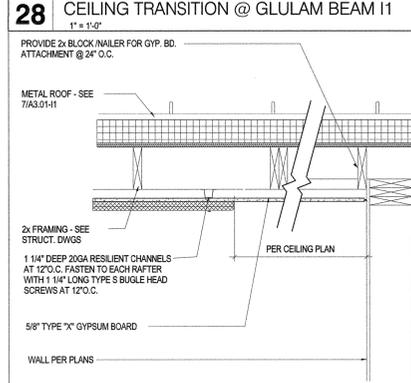
**29 CEILING ACCESS PANEL**  
2" = 1'-0"



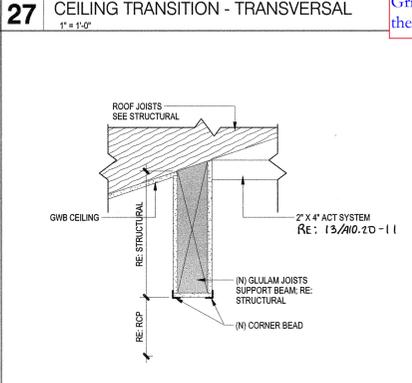
**28 CEILING TRANSITION @ GLULAM BEAM I1**  
1" = 1'-0"



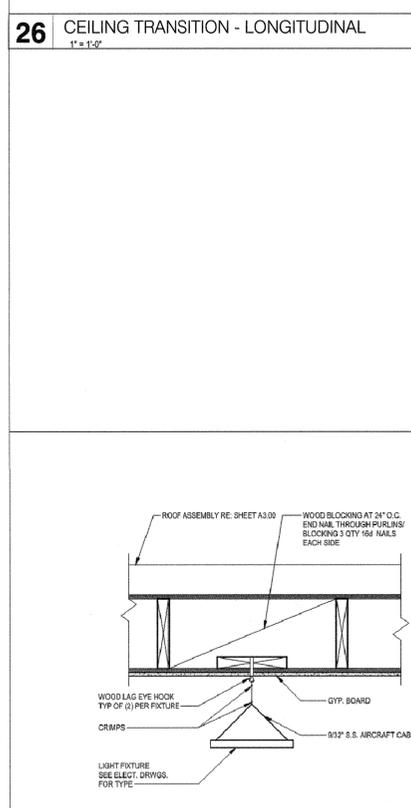
**27 CEILING TRANSITION - TRANSVERSAL**  
1" = 1'-0"



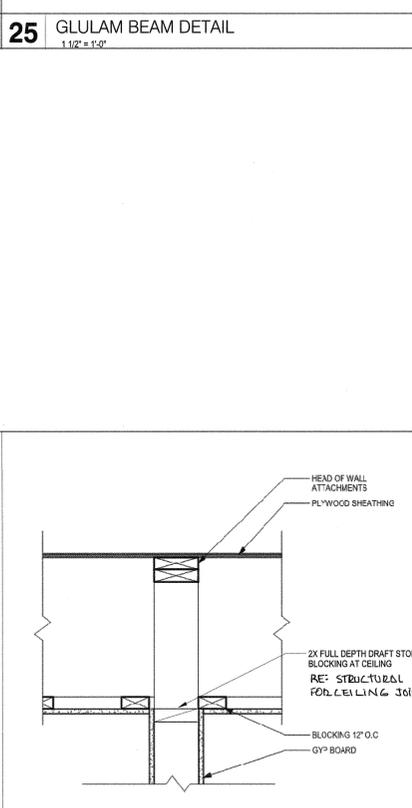
**26 CEILING TRANSITION - LONGITUDINAL**  
1" = 1'-0"



**25 GLULAM BEAM DETAIL**  
1 1/2" = 1'-0"



**6 LIGHT FIXTURE BLOCKING**  
1 1/2" = 1'-0"



**4 GYP. BD. CEILING DETAIL**  
1 1/2" = 1'-0"

**3 REFLECTED CEILING PLAN- AREA A**  
1/8" = 1'-0"