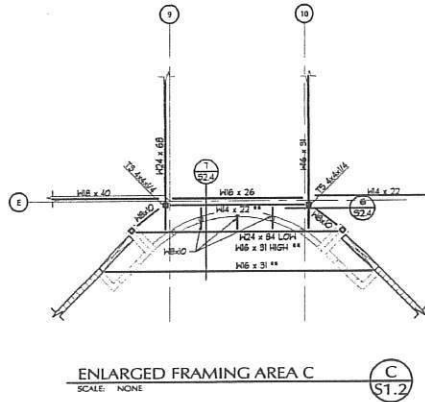
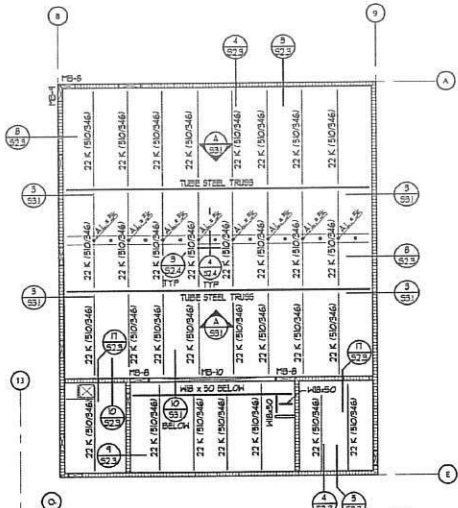
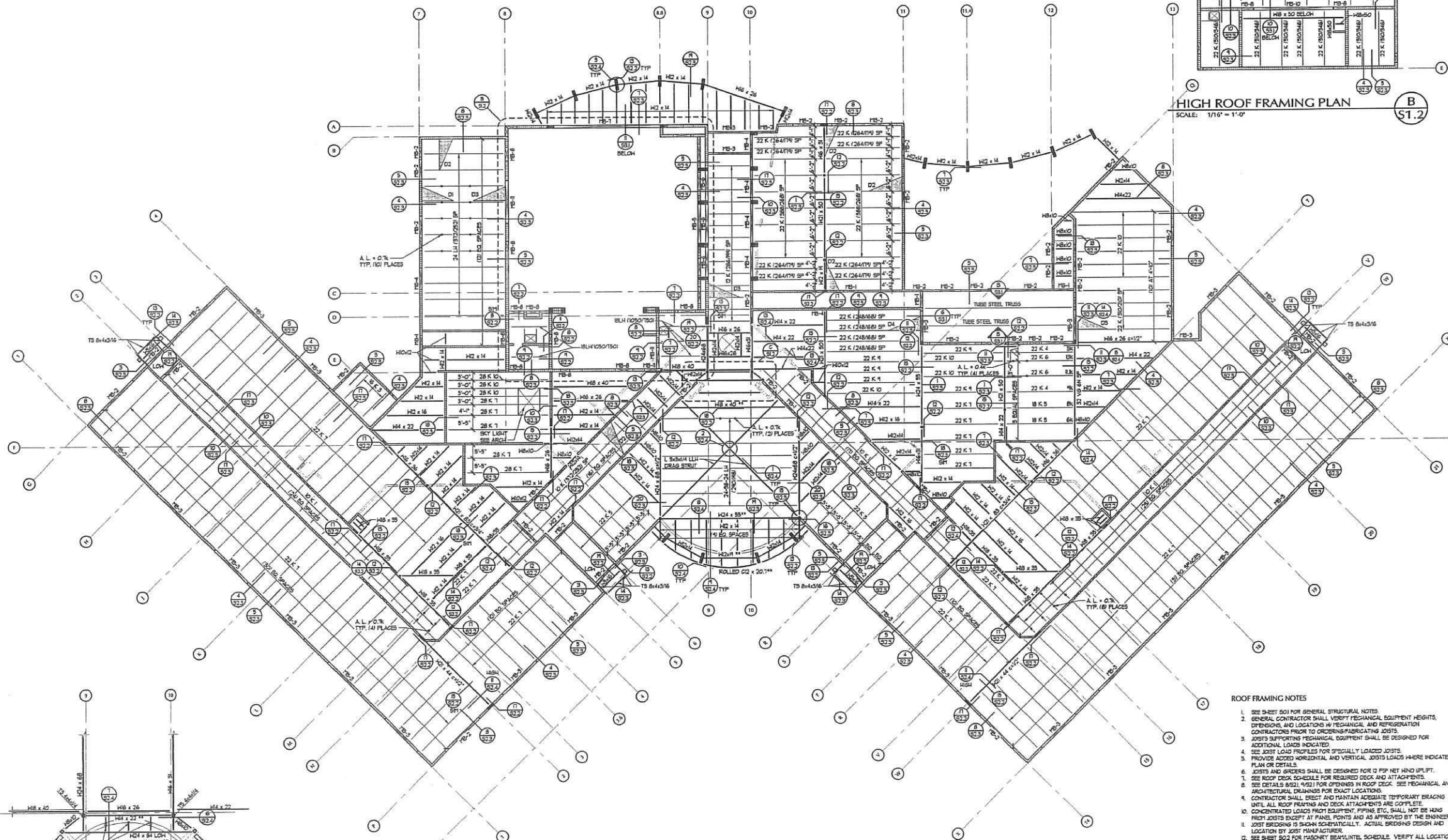


FOR REFERENCE ONLY!



ROOF FRAMING PLAN
SCALE: 1/16" = 1'-0"

HIGH ROOF FRAMING PLAN
SCALE: 1/16" = 1'-0"

- ROOF FRAMING NOTES**
1. SEE SHEET S01 FOR GENERAL STRUCTURAL NOTES.
 2. GENERAL CONTRACTOR SHALL VERIFY MECHANICAL EQUIPMENT HEIGHTS, DIMENSIONS, AND LOCATIONS WITH MECHANICAL AND REFRIGERATION CONTRACTORS PRIOR TO ORDERING/FABRICATING JOISTS.
 3. JOISTS SUPPORTING MECHANICAL EQUIPMENT SHALL BE DESIGNED FOR ADDITIONAL LOADS INDICATED.
 4. SEE JOIST LOAD PROFILES FOR SPECIALLY LOADED JOISTS.
 5. PROVIDE ADDED HORIZONTAL AND VERTICAL JOIST LOADS WHERE INDICATED ON PLAN OR DETAILS.
 6. JOISTS AND GRIDDERS SHALL BE DESIGNED FOR 12 PIP NET WIND UPLIFT.
 7. SEE ROOF DECK SCHEDULE FOR REQUIRED DECK AND ATTACHMENTS.
 8. SEE DETAILS 1801, 1802 FOR OPENERS IN ROOF DECK. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.
 9. CONTRACTOR SHALL ERECT AND MAINTAIN ADEQUATE TEMPORARY BRACING UNTIL ALL ROOF FRAMING AND DECK ATTACHMENTS ARE COMPLETE.
 10. CONCENTRATED LOADS FROM EQUIPMENT, PIPING, ETC. SHALL NOT BE HUNG FROM JOISTS EXCEPT AT PANEL POINTS AND AS APPROVED BY THE ENGINEER. JOIST BRIDGING IS SHOWN SCHEMATICALLY. ACTUAL BRIDGING DESIGN AND LOCATION BY JOIST MANUFACTURER.
 11. SEE SHEET S02 FOR MASONRY BEAM/INTEL SCHEDULE. VERIFY ALL LOCATIONS WITH ARCHITECTURAL PLANS.
 12. ANY CONCENTRATED LOAD ON JOIST CHORDS (INCLUDING FRAMING ANGLE) NOT LOCATED WITHIN 6" OF A PANEL POINT REQUIRE (2) L 2" X 2" X 1/4" FROM THE POINT LOAD TO THE NEAREST OPPOSITE CHORD PANEL POINT (CONTRACTOR SUPPLY AND INSTALL).
 13. ALL STEEL BEAMS SUPPORTING MASONRY SHALL BE CONSTRUCTED PER D/023.
 14. ANY ROOF SUPPORTED PIPING 6" OR LARGER RUNNING PARALLEL TO JOIST SHALL BE SUPPORTED BY TWO OR MORE JOISTS.
 15. ALL JOISTS BEARING ON EXTERIOR WALLS SHALL BE DESIGNED TO TRANSFER 15K TOP CHORD AXIAL FORCE THROUGH BEARING BASE.
 16. JOIST SCOTCH CORNERS AT MECHANICAL ROOFS SHALL BE CAPABLE OF SUPPORTING A CONCENTRATED LOAD OF 10K AT ANY PANEL POINT.
 17. SEE SHEET S01 FOR SUPPORT OF NON-BEARING MASONRY WALLS.
 18. UNLESS NOTED OTHERWISE, JOISTS SHALL BE SPACED AT EQUAL SPACES LESS THAN OR EQUAL TO 6'-0".
 19. ALL BEAMS NOTED ** ARE BROKEN BACK BEAMS - SEE DETAIL 18/022.

A
S1.2
NORTH

ENLARGED FRAMING AREA C
SCALE: NONE
C
S1.2

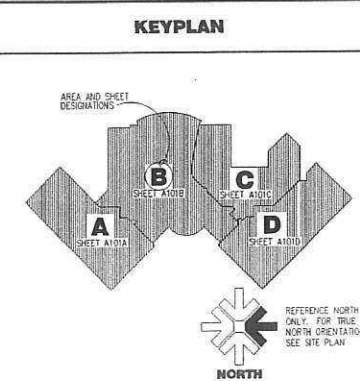
CODE ANALYSIS (FOR OWNER INFO ONLY)	
BUILDING AREA "X"	
DESIGN AREA	14,943 SQ. FT.
ALLOWABLE AREA	14,943 SQ. FT.
TYPE OF CONSTRUCTION	I-B
BASIC ALLOWABLE (B.C.)	14,943 SQ. FT.
PERIMETER	555 FT.
PERIMETER ON PUBLIC WAY OR OPEN SPACE	494 FT.
MIN WIDTH OF PUBLIC WAY OR OPEN SPACE	30 FT.
TOTAL ALLOWABLE AREA W/INCREASE @ 47.7%	64,330 SQ. FT.
STORIES (ALLOWED/ACTUAL)	3/3
HEIGHT (ALLOWED/ACTUAL)	75 FT./ 78 FT.
FIRE SPRINKLER USED	YES
CLASSIFICATION	
OCCUPANCY CLASSIFICATION	E
REQUIRED CONSTRUCTION (TABLES)	
EXTERIOR WALLS FIRE SEPARATION DISTANCE TABLE 602	
NOTE: SPRINKLERS CANNOT BE USED	
IN LEAF OF THIS RATING	
+0 GREATER THAN 10 FEET	
+1 HOUR LESS THAN 10 FEET	
FIRE RATING FOR BUILDING ELEMENTS TABLE 601	
STRUCTURAL FRAME	0 HOUR
BEARING WALLS	
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
NON BEARING WALLS	
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR
FIRE WALL	2 HOUR
FIRE BARRIER (OCCUPANCY) WALL	1 HOUR

CODE ANALYSIS (FOR OWNER INFO ONLY)	
BUILDING AREA "Y"	
DESIGN AREA	35,765 SQ. FT.
ALLOWABLE AREA	35,765 SQ. FT.
TYPE OF CONSTRUCTION	I-B
BASIC ALLOWABLE (B.C.)	14,943 SQ. FT.
PERIMETER	1,025 FT.
PERIMETER ON PUBLIC WAY OR OPEN SPACE	591 FT.
MIN WIDTH OF PUBLIC WAY OR OPEN SPACE	30 FT.
TOTAL ALLOWABLE AREA W/INCREASE @ 24.6%	58,019 SQ. FT.
MINIMUM OCCUPANCY RATIO	0.83%
STORIES (ALLOWED/ACTUAL)	3/3
HEIGHT (ALLOWED/ACTUAL)	75 FT./ 74 FT.
FIRE SPRINKLER USED	YES
CLASSIFICATION	
OCCUPANCY CLASSIFICATION	E, A-3
REQUIRED CONSTRUCTION (TABLES)	
EXTERIOR WALLS FIRE SEPARATION DISTANCE TABLE 602	
NOTE: SPRINKLERS CANNOT BE USED	
IN LEAF OF THIS RATING	
+0 GREATER THAN 10 FEET	
+1 HOUR LESS THAN 10 FEET	
FIRE RATING FOR BUILDING ELEMENTS TABLE 601	
STRUCTURAL FRAME	0 HOUR
BEARING WALLS	
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
NON BEARING WALLS	
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR
FIRE WALL	2 HOUR
FIRE BARRIER (OCCUPANCY) WALL	1 HOUR
OCCUPANT LOAD SIGNS	
FLOOR 989/ 7	713
GRADE 578/ 15	38

CODE ANALYSIS (FOR OWNER INFO ONLY)	
BUILDING AREA "Z"	
DESIGN AREA	15,005 SQ. FT.
ALLOWABLE AREA	15,005 SQ. FT.
TYPE OF CONSTRUCTION	I-B
BASIC ALLOWABLE (B.C.)	14,943 SQ. FT.
PERIMETER	569 FT.
PERIMETER ON PUBLIC WAY OR OPEN SPACE	501 FT.
MIN WIDTH OF PUBLIC WAY OR OPEN SPACE	30 FT.
TOTAL ALLOWABLE AREA W/INCREASE @ 38.6%	63,370 SQ. FT.
STORIES (ALLOWED/ACTUAL)	3/3
HEIGHT (ALLOWED/ACTUAL)	75 FT./ 76 FT.
FIRE SPRINKLER USED	YES
CLASSIFICATION	
OCCUPANCY CLASSIFICATION	E
REQUIRED CONSTRUCTION (TABLES)	
EXTERIOR WALLS FIRE SEPARATION DISTANCE TABLE 602	
NOTE: SPRINKLERS CANNOT BE USED	
IN LEAF OF THIS RATING	
+0 GREATER THAN 10 FEET	
+1 HOUR LESS THAN 10 FEET	
FIRE RATING FOR BUILDING ELEMENTS TABLE 601	
STRUCTURAL FRAME	0 HOUR
BEARING WALLS	
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
NON BEARING WALLS	
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR
FIRE WALL	2 HOUR
FIRE BARRIER (OCCUPANCY) WALL	1 HOUR

- RATED ASSEMBLY LEGEND**
- PROVIDE 1 HOUR EXTERIOR WALL ASSEMBLY FOR 4'-0" ON EACH SIDE OF FIRE WALL.
 - EXTEND 2 HOUR FIRE WALL 4'-0" PAST EXTERIOR WALL.
 - 1 HOUR CEILING ASSEMBLY PER DETAIL BS/AS21
 - 1 HOUR CEILING ASSEMBLY PER DETAIL AS/AS21

- GENERAL SHEET NOTES**
- PROVIDE 1 HOUR EXTERIOR WALL ASSEMBLY FOR 4'-0" ON EACH SIDE OF FIRE WALL.
 - EXTEND 2 HOUR FIRE WALL 4'-0" PAST EXTERIOR WALL.
 - 1 HOUR CEILING ASSEMBLY PER DETAIL BS/AS21
 - 1 HOUR CEILING ASSEMBLY PER DETAIL AS/AS21
- WALL LEGEND**
- SYMBOL DESCRIPTION
- ONE HOUR FIRE BARRIER TO UNDERSIDE OF ROOF DECK OR TO 1 HOUR CEILING LIG AS OCCURS
 - TWO HOUR FIRE WALL TO UNDERSIDE OF ROOF DECK
 - WALLS TO EXTEND 4" MIN. ABOVE ADJACENT CEILING
 - SOUND WALLS-PROVIDE PERIMETER SEALANT AT ALL PLATES. SOME SOUND WALLS WILL BE NOTED ON THE PLANS DUE TO CONFLICT IN SYMBOLS. ALL PENETRATIONS OF SOUND WALLS TO BE SEALED FOR SOUND. SEE ALSO NOTE 5 ON SHEET A-311

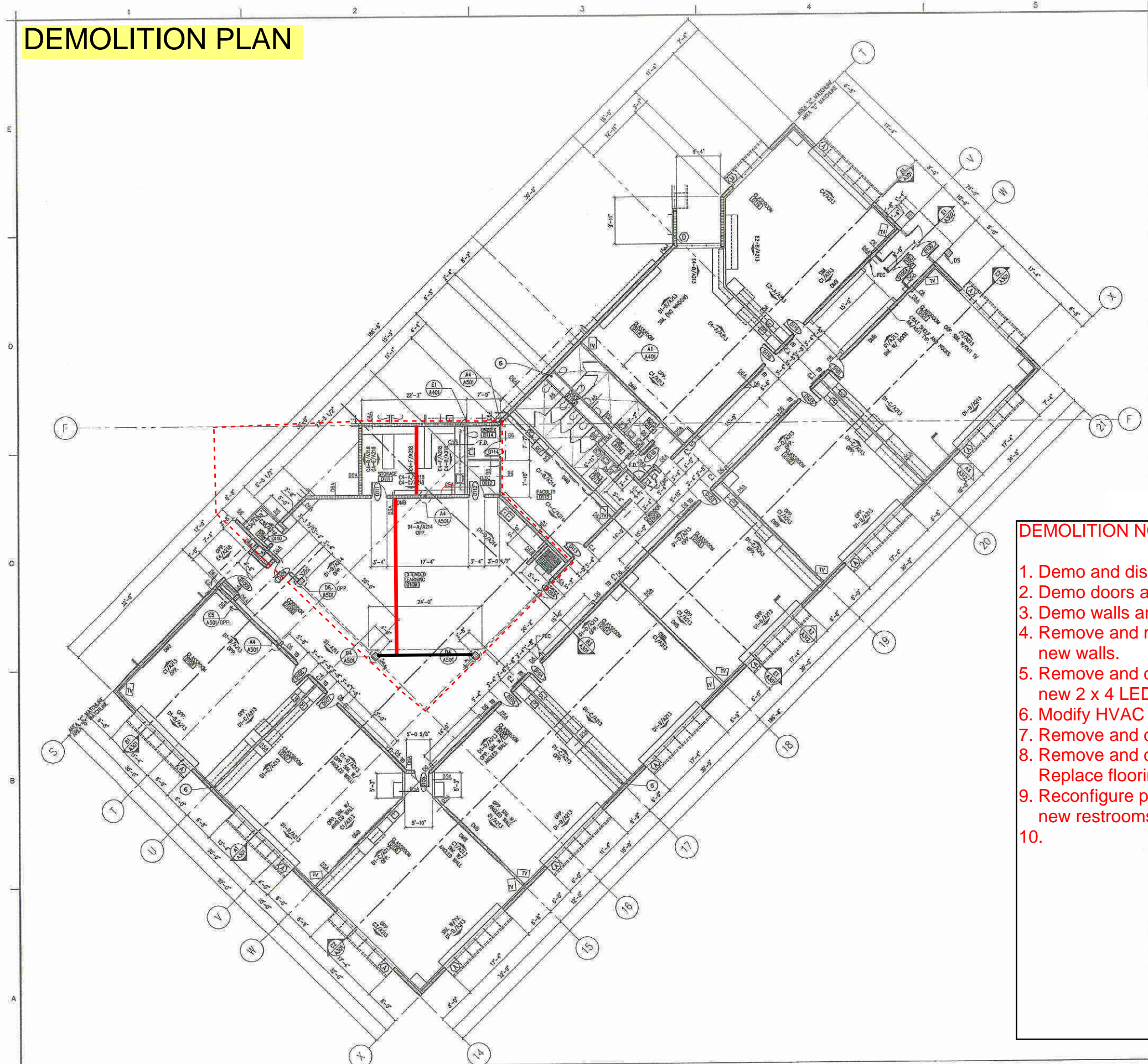


B1 DEMOLITION PLAN
1/16"=1'-0"

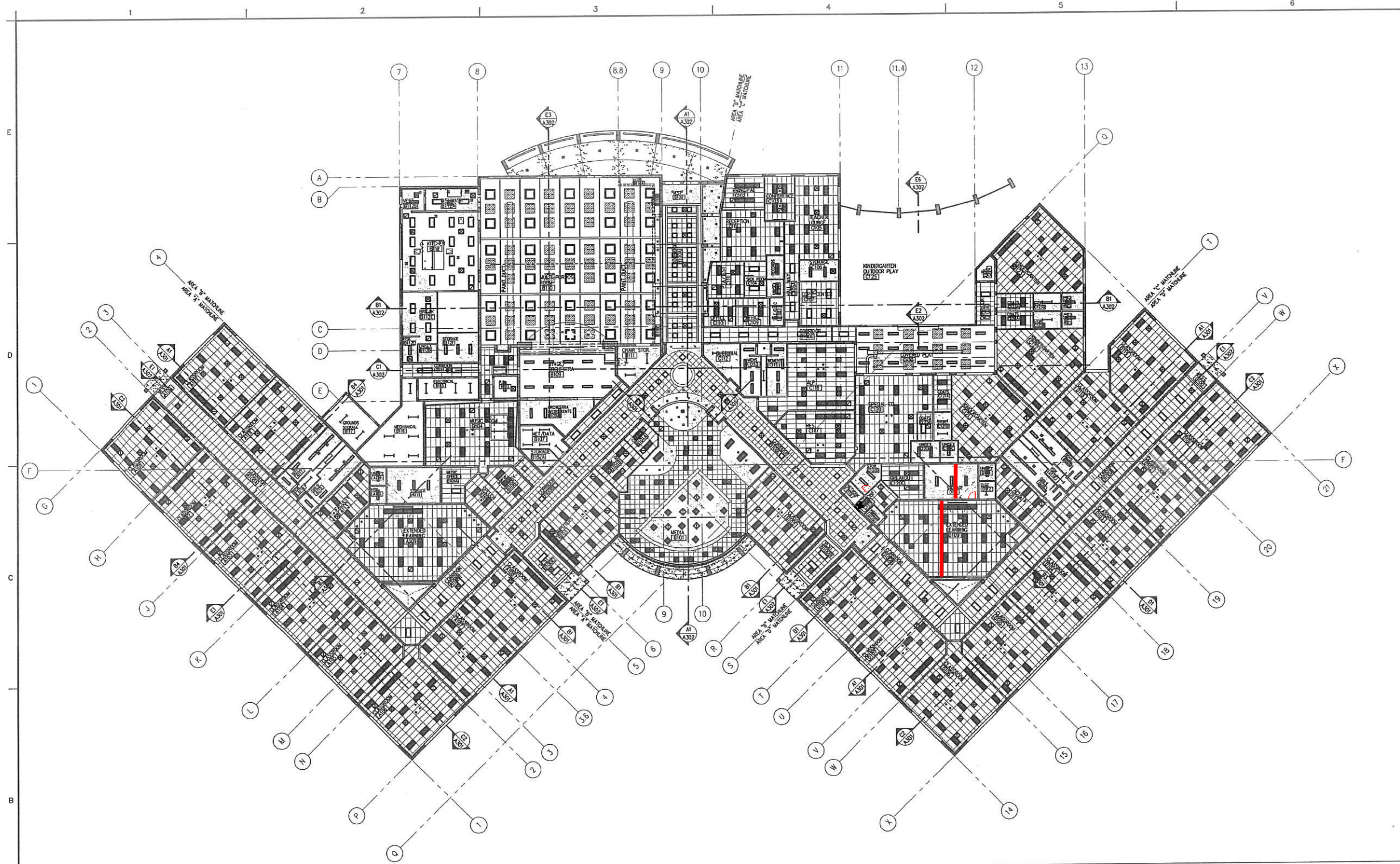
**1200 NORTH
400 WEST
LOGAN, UTAH**

A101

DEMOLITION PLAN



- DEMOLITION NOTES:**
1. Demo and dispose of existing tackable wall panels.
 2. Demo doors and infill walls where noted.
 3. Demo walls and add new doors where noted.
 4. Remove and modify ceilings as necessary to incorporate new walls.
 5. Remove and dispose of existing light fixtures. Replace with new 2 x 4 LED fixtures.
 6. Modify HVAC as necessary.
 7. Remove and dispose of accordion door.
 8. Remove and dispose of existing flooring and base materials. Replace flooring as directed by District.
 9. Reconfigure plumbing in existing storage room to incorporate new restrooms.
 - 10.



**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

**1200 NORTH
400 WEST
LOGAN, UTAH**

B1 OVERALL REFLECTED CEILING PLAN

1/16"=1'-0"

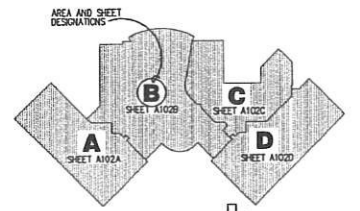
GENERAL CEILING NOTES

- No. DESCRIPTION:
- A. REFER TO ROOM FINISH SCHEDULE FOR CEILING FINISHES, UNL0.
 - B. FOR STANDARD SUSPENSION CEILING CONSTRUCTION, REFER TO DETAILS D6, C6 AND B6 ON SHEET A102.
 - C. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL ACCESS PANELS PROVIDED BY EACH OF THE ABOVE TRADES.

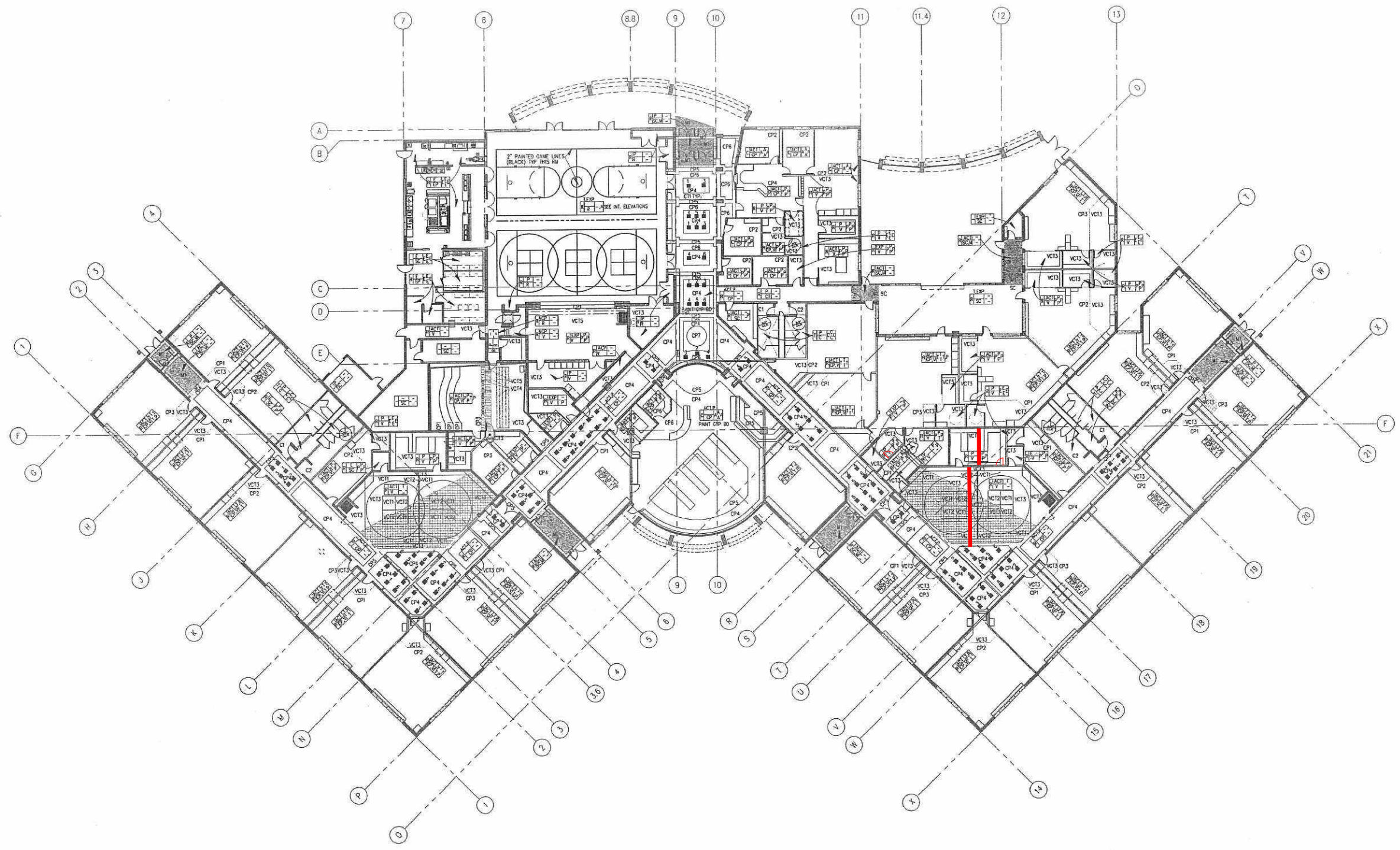
REFERENCE NOTES

SHEET KEY NOTES

KEYPLAN



A102



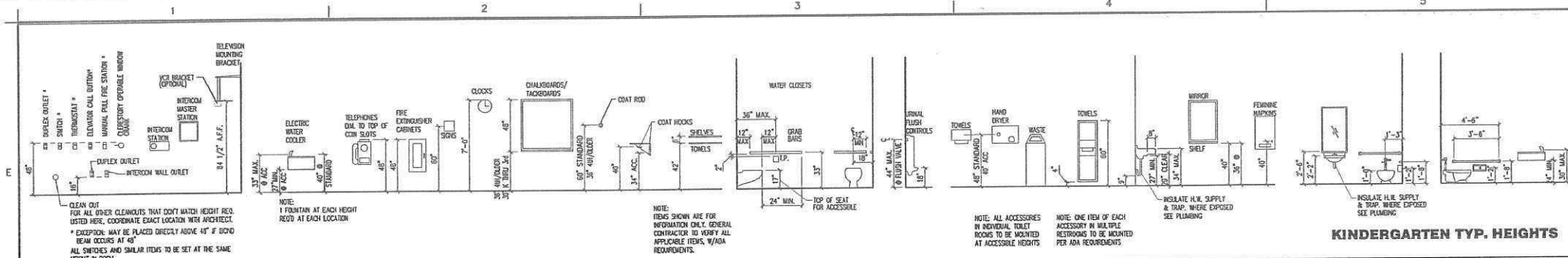
**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

**1200 NORTH
400 WEST
LOGAN, UTAH**

B1 FINISH FLOOR PLAN

1/16"=1'-0"

GENERAL SHEET NOTES	FINISH MATERIAL LEGEND	REFERENCE NOTES	SHEET KEY NOTES	KEYPLAN
<p>BASE R=RUBBER C=CARPET T=CERAMIC TILE</p> <p>STAIR TREADS AND RISERS R=RUBBER</p> <p>FLOORING CARPET=CP (SEE PLAN) CP1=CARPET#1 CP2=CARPET#2 CP3=CARPET#3 CP4=CARPET#4 CP5=CARPET#5 CP6=CARPET#6 CP7=CARPET#7 CP8=CARPET#8 CP9=CARPET#9 CP10=CARPET#10 CP11=CARPET#11 CP12=CARPET#12 CP13=CARPET#13 CP14=CARPET#14 CP15=CARPET#15 CP16=CARPET#16 CP17=CARPET#17 CP18=CARPET#18 CP19=CARPET#19 CP20=CARPET#20 CP21=CARPET#21 CP22=CARPET#22 CP23=CARPET#23 CP24=CARPET#24 CP25=CARPET#25 CP26=CARPET#26 CP27=CARPET#27 CP28=CARPET#28 CP29=CARPET#29 CP30=CARPET#30 CP31=CARPET#31 CP32=CARPET#32 CP33=CARPET#33 CP34=CARPET#34 CP35=CARPET#35 CP36=CARPET#36 CP37=CARPET#37 CP38=CARPET#38 CP39=CARPET#39 CP40=CARPET#40 CP41=CARPET#41 CP42=CARPET#42 CP43=CARPET#43 CP44=CARPET#44 CP45=CARPET#45 CP46=CARPET#46 CP47=CARPET#47 CP48=CARPET#48 CP49=CARPET#49 CP50=CARPET#50 CP51=CARPET#51 CP52=CARPET#52 CP53=CARPET#53 CP54=CARPET#54 CP55=CARPET#55 CP56=CARPET#56 CP57=CARPET#57 CP58=CARPET#58 CP59=CARPET#59 CP60=CARPET#60 CP61=CARPET#61 CP62=CARPET#62 CP63=CARPET#63 CP64=CARPET#64 CP65=CARPET#65 CP66=CARPET#66 CP67=CARPET#67 CP68=CARPET#68 CP69=CARPET#69 CP70=CARPET#70 CP71=CARPET#71 CP72=CARPET#72 CP73=CARPET#73 CP74=CARPET#74 CP75=CARPET#75 CP76=CARPET#76 CP77=CARPET#77 CP78=CARPET#78 CP79=CARPET#79 CP80=CARPET#80 CP81=CARPET#81 CP82=CARPET#82 CP83=CARPET#83 CP84=CARPET#84 CP85=CARPET#85 CP86=CARPET#86 CP87=CARPET#87 CP88=CARPET#88 CP89=CARPET#89 CP90=CARPET#90 CP91=CARPET#91 CP92=CARPET#92 CP93=CARPET#93 CP94=CARPET#94 CP95=CARPET#95 CP96=CARPET#96 CP97=CARPET#97 CP98=CARPET#98 CP99=CARPET#99 CP100=CARPET#100</p> <p>CERAMIC TILE=C (SEE PLAN) C1=COLOR SCHEME #1 C2=COLOR SCHEME #2</p> <p>SEALED CONCRETE SC=SEALED CONCRETE</p> <p>ENTRANCE MAT=M (SEE PLAN) M1=ENTRANCE MAT M2=12"X12" TILES</p> <p>EPOXY FLOORING EP=EPOXY</p> <p>RUBBERIZED FLOORING=R</p>	<p>FLOORING R=RUBBER C=CARPET T=CERAMIC TILE</p> <p>STAIR TREADS AND RISERS R=RUBBER</p> <p>FLOORING CARPET=CP (SEE PLAN) CP1=CARPET#1 CP2=CARPET#2 CP3=CARPET#3 CP4=CARPET#4 CP5=CARPET#5 CP6=CARPET#6 CP7=CARPET#7 CP8=CARPET#8 CP9=CARPET#9 CP10=CARPET#10 CP11=CARPET#11 CP12=CARPET#12 CP13=CARPET#13 CP14=CARPET#14 CP15=CARPET#15 CP16=CARPET#16 CP17=CARPET#17 CP18=CARPET#18 CP19=CARPET#19 CP20=CARPET#20 CP21=CARPET#21 CP22=CARPET#22 CP23=CARPET#23 CP24=CARPET#24 CP25=CARPET#25 CP26=CARPET#26 CP27=CARPET#27 CP28=CARPET#28 CP29=CARPET#29 CP30=CARPET#30 CP31=CARPET#31 CP32=CARPET#32 CP33=CARPET#33 CP34=CARPET#34 CP35=CARPET#35 CP36=CARPET#36 CP37=CARPET#37 CP38=CARPET#38 CP39=CARPET#39 CP40=CARPET#40 CP41=CARPET#41 CP42=CARPET#42 CP43=CARPET#43 CP44=CARPET#44 CP45=CARPET#45 CP46=CARPET#46 CP47=CARPET#47 CP48=CARPET#48 CP49=CARPET#49 CP50=CARPET#50 CP51=CARPET#51 CP52=CARPET#52 CP53=CARPET#53 CP54=CARPET#54 CP55=CARPET#55 CP56=CARPET#56 CP57=CARPET#57 CP58=CARPET#58 CP59=CARPET#59 CP60=CARPET#60 CP61=CARPET#61 CP62=CARPET#62 CP63=CARPET#63 CP64=CARPET#64 CP65=CARPET#65 CP66=CARPET#66 CP67=CARPET#67 CP68=CARPET#68 CP69=CARPET#69 CP70=CARPET#70 CP71=CARPET#71 CP72=CARPET#72 CP73=CARPET#73 CP74=CARPET#74 CP75=CARPET#75 CP76=CARPET#76 CP77=CARPET#77 CP78=CARPET#78 CP79=CARPET#79 CP80=CARPET#80 CP81=CARPET#81 CP82=CARPET#82 CP83=CARPET#83 CP84=CARPET#84 CP85=CARPET#85 CP86=CARPET#86 CP87=CARPET#87 CP88=CARPET#88 CP89=CARPET#89 CP90=CARPET#90 CP91=CARPET#91 CP92=CARPET#92 CP93=CARPET#93 CP94=CARPET#94 CP95=CARPET#95 CP96=CARPET#96 CP97=CARPET#97 CP98=CARPET#98 CP99=CARPET#99 CP100=CARPET#100</p> <p>CERAMIC TILE=C (SEE PLAN) C1=COLOR SCHEME #1 C2=COLOR SCHEME #2</p> <p>SEALED CONCRETE SC=SEALED CONCRETE</p> <p>ENTRANCE MAT=M (SEE PLAN) M1=ENTRANCE MAT M2=12"X12" TILES</p> <p>EPOXY FLOORING EP=EPOXY</p> <p>RUBBERIZED FLOORING=R</p>	<p>CEILINGS (SEE REFLECTED CEILING PLANS) ACT=ACOUSTIC PANEL, CEILING 2' x 4' = FLAT PANEL 2' x 2' = REGULAR EDGE</p> <p>PAINTED DYPED EXP=PAINT ALL EXPOSED TO VIEW STRUCTURE, DUCTS, PIPING, CONDUITS, HANDERS, ETC.</p> <p>T=TECTUM SOUND PANELS E=EPOXY PAINT --EXPOSED STRUCTURE (NO PAINT)</p> <p>WALLS P=PAINT C=CERAMIC TILE T=TACK WALL SYSTEM A=ACOUSTIC PANELS E=EPOXY PAINT --NO FINISH</p> <p>CEILING BASE = WALLS (ORIENT W/ PLAN)</p> <p>FLOOR HORIZONTAL THIN SLAT FLOORS - SEE SPEC.</p>	<p>KEYPLAN</p> <p>REFERENCE NORTH ONLY, FOR TRUE NORTH ORIENTATION SEE SITE PLAN</p>	



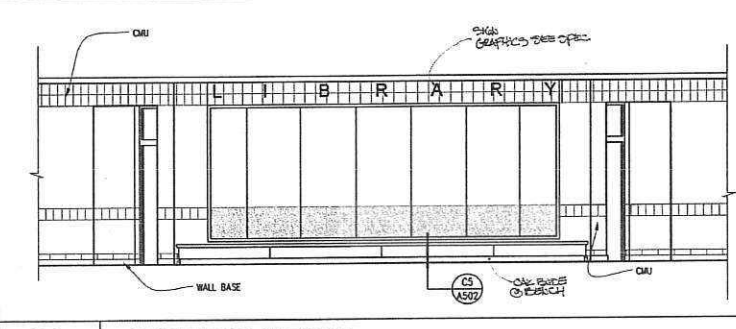
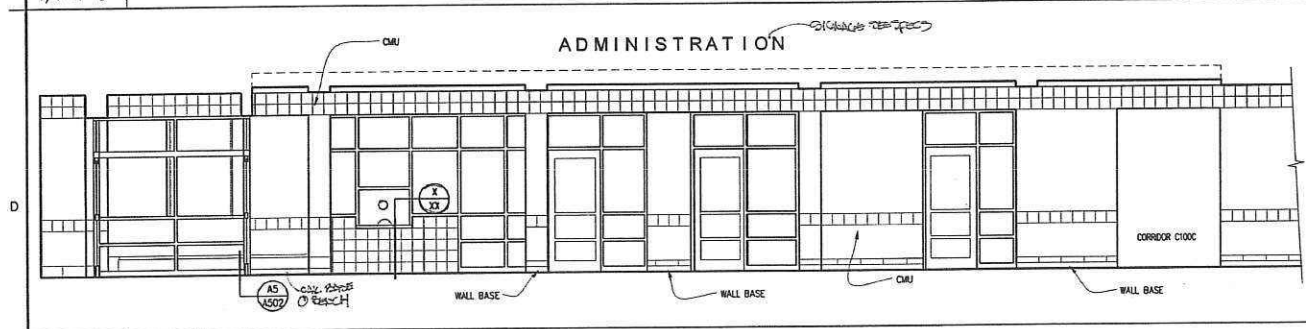
MATERIAL KEYING LEGEND

NOTE: RAKED JOINT IS ABOVE, BELOW, AND BETWEEN ALL CENTER SCORE UNITS.

TYPE DESCRIPTION:

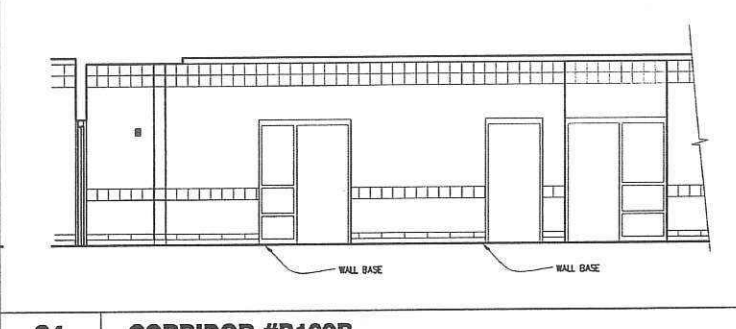
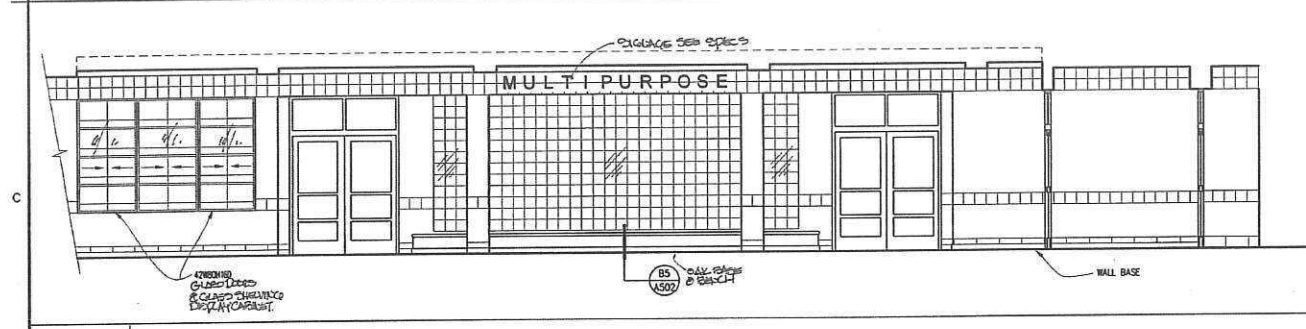
- CMU-1 CMU COLOR 1 (GRAY) RUNNING BOND, TOOLED JOINT
- CMU-1A CMU SPLIT FACE, COLOR 1 (GRAY) RUNNING BOND, TOOLED JOINT
- CMU-2 CMU CENTER SCORE, HOOKS, COLOR 2 (WHITE), RUNNING BOND, RAKED JOINT
- CMU-3 CMU SPLIT FACE, COLOR 3 (BROWN), RUNNING BOND, TOOLED JOINT
- CMU-3A CMU CENTER SCORE, SPLIT FACE, COLOR 3 (BROWN), RUNNING BOND, RAKED JOINT
- CMU-3B CMU COLOR 3 (BROWN), RUNNING BOND, TOOLED JOINT
- CMU-3C CMU CENTER SCORE, SPLIT FACE (INT. ONLY) COLOR 3 (BROWN), STACK BOND, RAKED JOINT

E1 TYPICAL HEIGHTS
1/4"=1'-0"



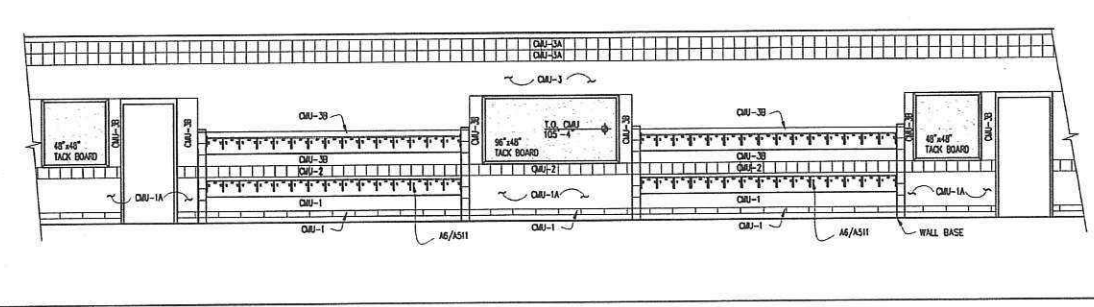
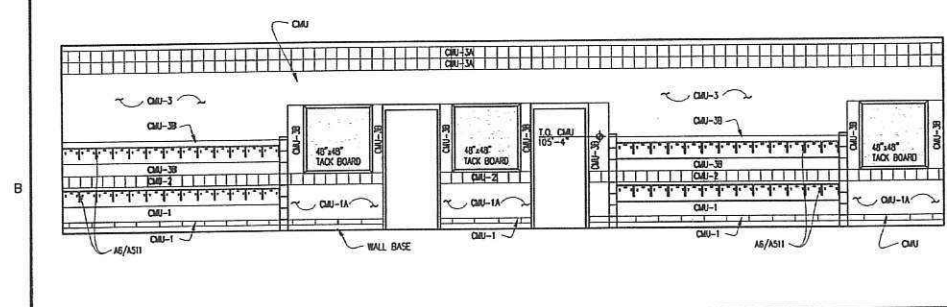
D1 CORRIDOR #B100A
1/4"=1'-0"

D4 CORRIDOR #B100A
1/4"=1'-0"



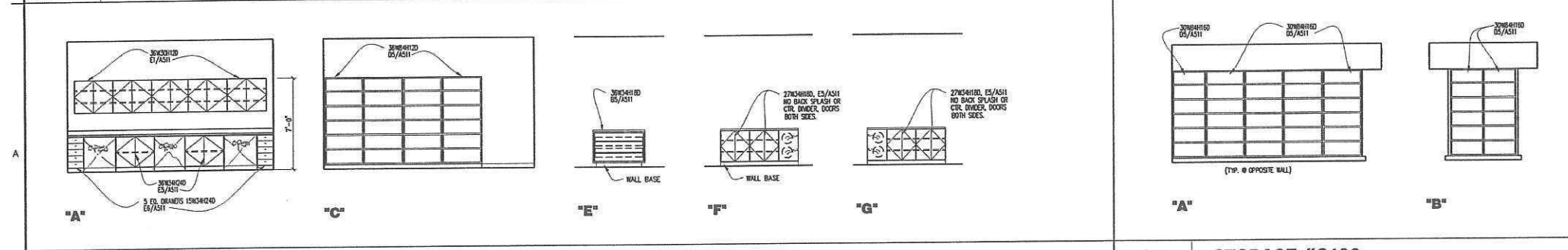
C1 CORRIDOR #B100A
1/4"=1'-0"

C4 CORRIDOR #B100B
1/4"=1'-0"



B1 CORRIDOR #A100B
1/4"=1'-0"

B3 CORRIDOR #A100A
1/4"=1'-0"



A1 COPY CENTER #C107 and **A4 STORAGE #C106**
1/4"=1'-0"

GENERAL SHEET NOTES

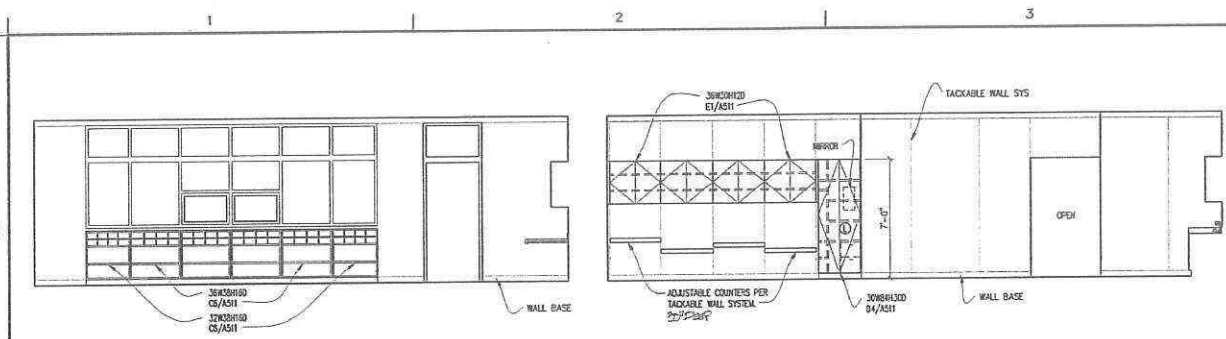
No. DESCRIPTION:

- INTERIOR MASONRY COURSEING:
 - AT CLASSROOM WING CORRIDORS SEE ELEVATION B1 AND B3 SHEET A211.
 - ALL OTHER EXPOSED MASONRY SEE SHEET A217 ELEVATION "A1-C".
- GENERAL CONTRACTOR TO COORDINATE COUNTER HEIGHTS WITH THE OWNER

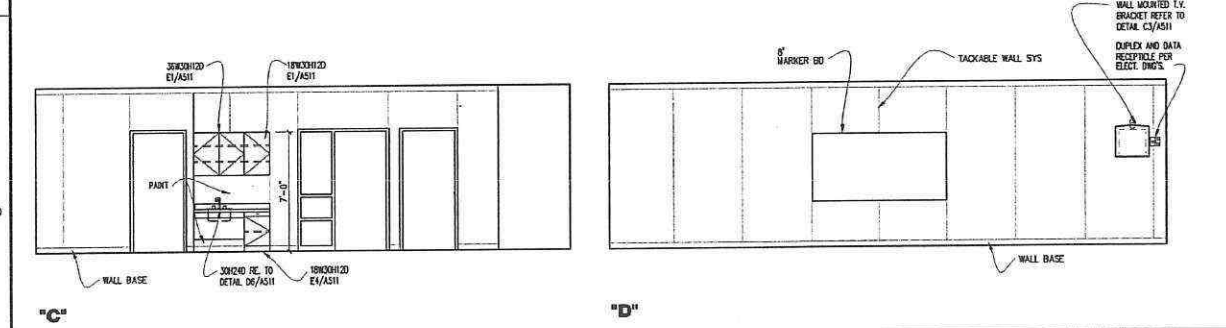
NORTH/ WEST LOGAN ELEMENTARY SCHOOL

1200 NORTH 400 WEST LOGAN, UTAH

A211

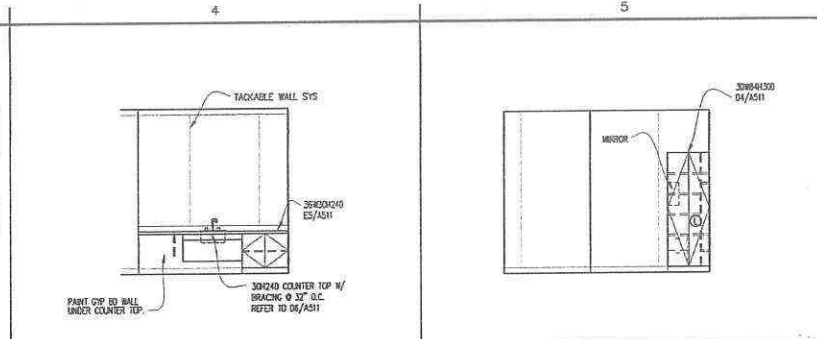


"A" **"B"**

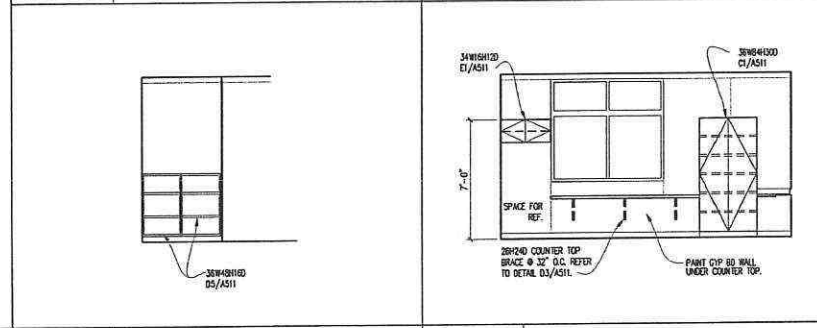


"C" **"D"**

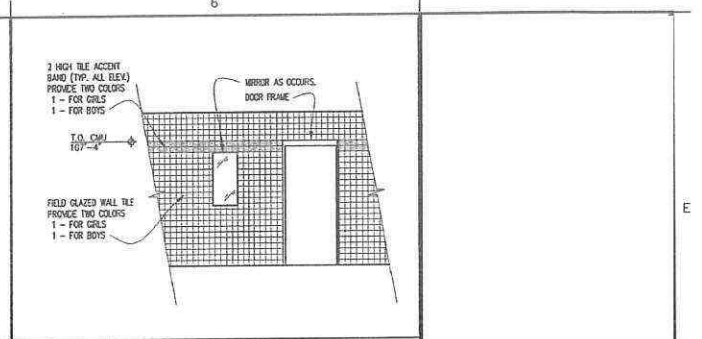
D1 SPECIAL ED #C120
1/4"=1'-0"



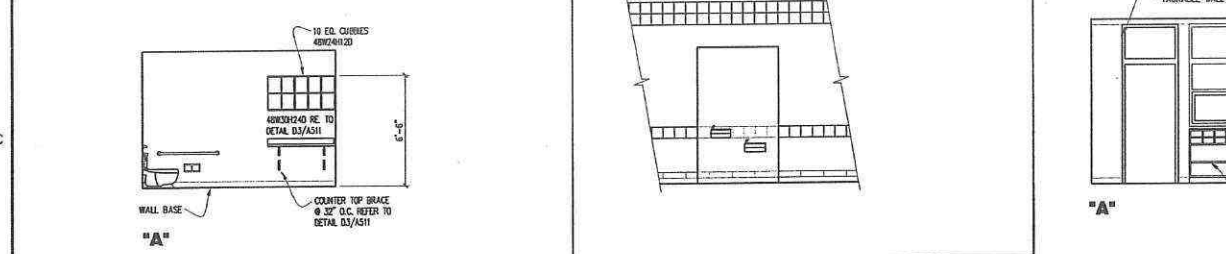
E4 COUNTER WITH SINK **E5 SPEECH RM# B105**



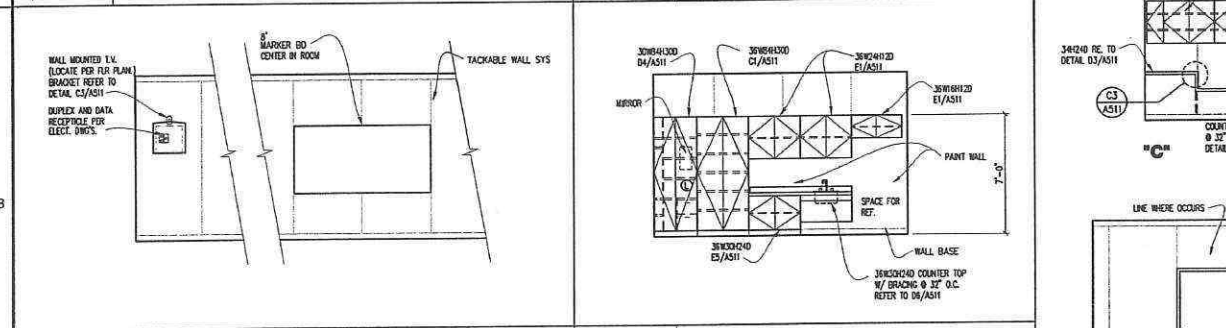
D4 STORAGE C124 **D5 KINDERGARTEN**



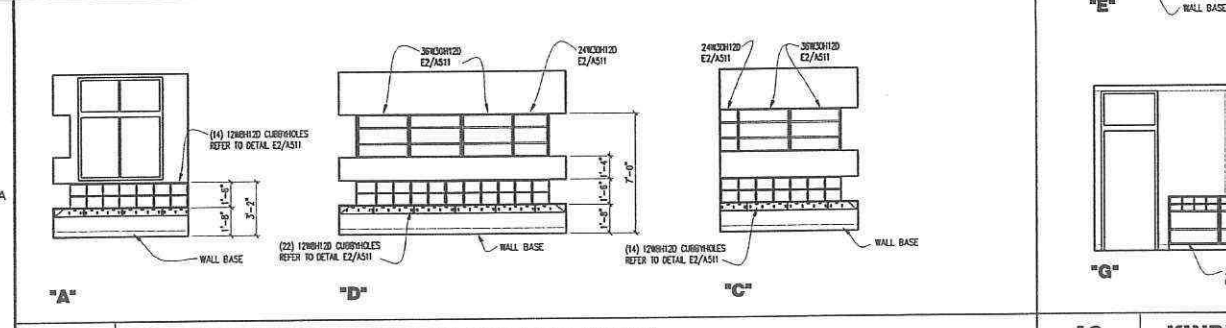
E6 TYP. TILE BANDING



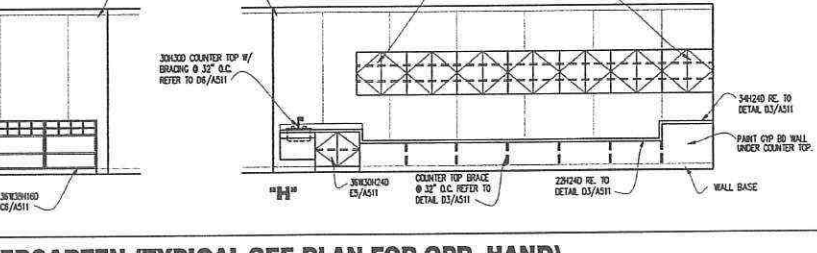
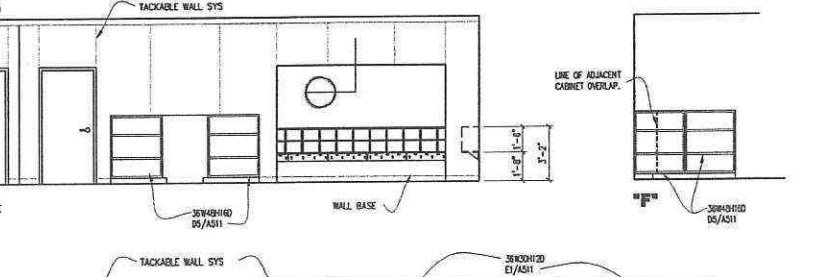
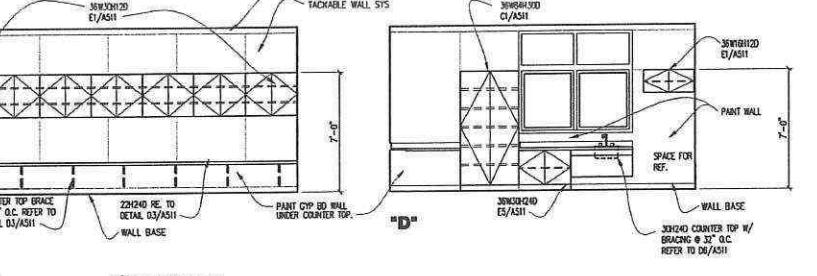
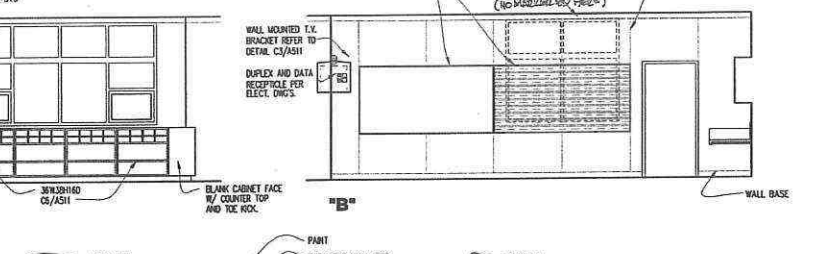
C1 SPECIAL ED. TOILET #C120B **C2 CORRIDOR #B100E**



B1 DMB & TV MONITOR **B2 CABINETY ALT A3-D/A212**



A1 COATS (TYPICAL SEE PLAN FOR OPP. HAND) **A3 KINDERGARTEN (TYPICAL SEE PLAN FOR OPP. HAND)**



A3 KINDERGARTEN (TYPICAL SEE PLAN FOR OPP. HAND)

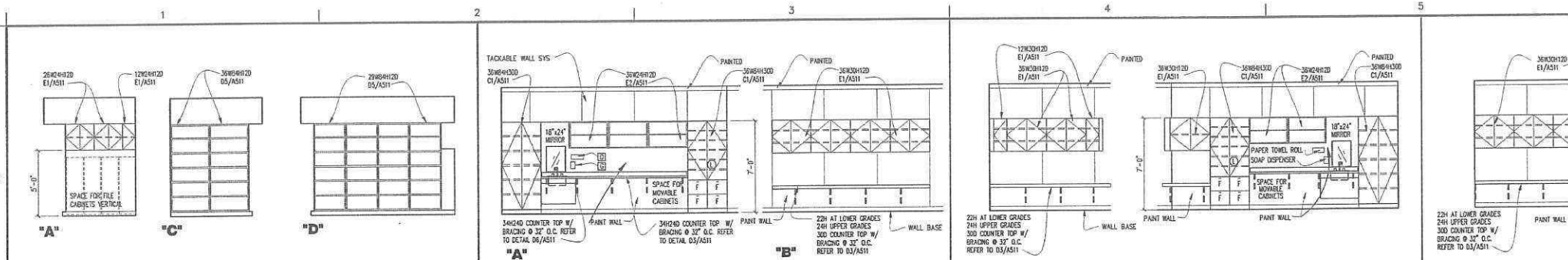
NORTH/ WEST LOGAN ELEMENTARY SCHOOL

1200 NORTH 400 WEST LOGAN, UTAH

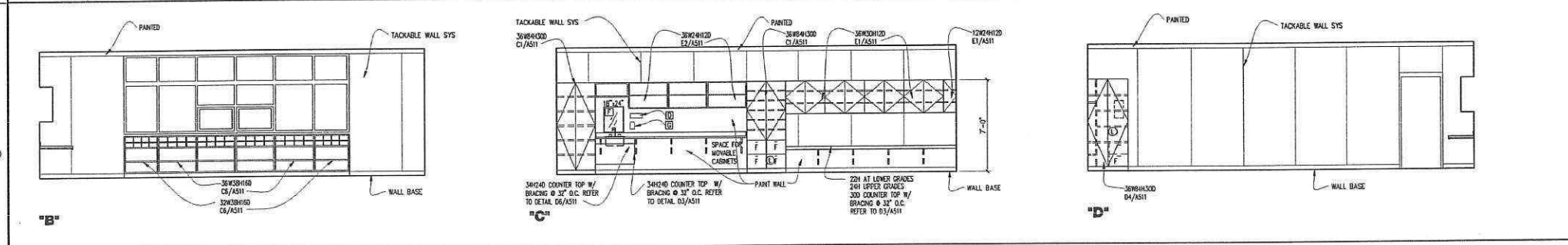
GENERAL SHEET NOTES

No. DESCRIPTION:

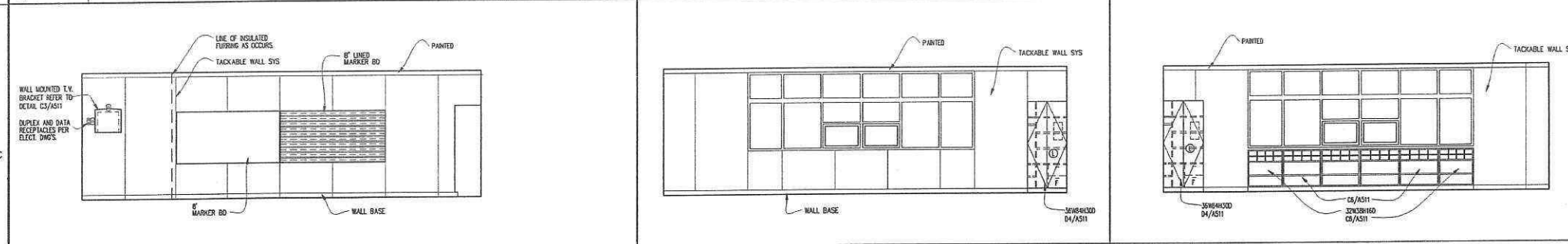
- INTERIOR MASONRY COURSEING:
 - AT CLASSROOM WING CORRIDORS SEE ELEVATION B1 AND B3 SHEET A211.
 - ALL OTHER EXPOSED MASONRY SEE SHEET A217 ELEVATION "A1-C".
- GENERAL CONTRACTOR TO COORDINATE COUNTER HEIGHTS WITH THE OWNER



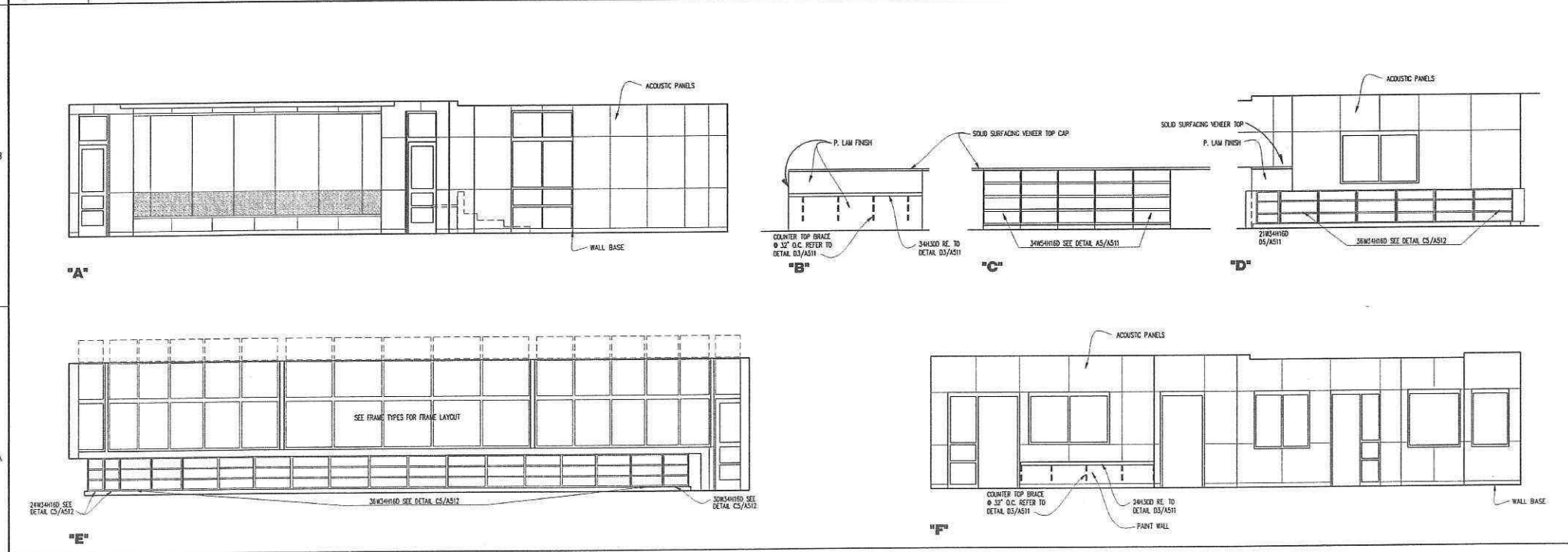
E1 STORAGE #C121B, #C122B, & C123B 1/4"=1'-0"
E2 CLASSROOM ELEVATION 1/4"=1'-0"
E4 CLASSROOM ELEVATION 1/4"=1'-0"
E5 CLASSROOM ELEVATION 1/4"=1'-0"



D1 CLASSROOMS (TYPICAL CLASS ROOMS) 1/4"=1'-0"
D2 CLASSROOM ELEVATION 1/4"=1'-0"
D3 CLASSROOM ELEVATION 1/4"=1'-0"
D4 CLASSROOM ELEVATION 1/4"=1'-0"



C1 PRESENTATION WALL (TYPICAL CLASS RMS) 1/4"=1'-0"
C3 CLASSROOM ELEVATION 1/4"=1'-0"
C4 CLASSROOM ELEVATION 1/4"=1'-0"



A1 MEDIA CENTER # B101 1/4"=1'-0"
A2 CLASSROOM ELEVATION 1/4"=1'-0"
A3 CLASSROOM ELEVATION 1/4"=1'-0"
A4 CLASSROOM ELEVATION 1/4"=1'-0"

ACCESSORY SCHEDULE

NOTE:
 ALL ACCESSORIES ARE SURFACE MOUNTED. PROVIDE BLOCKING AT FRAMED WALLS AS REQUIRED BY MANUFACTURE.

No. DESCRIPTION

(A) NOT USED

(B) TOILET TISSUE DISPENSER
 OWNER SUPPLIED, CONTRACTOR INSTALLED.

(C) GRAB BAR
 LENGTH INDICATED ON PLANS

(D) PAPER TOWEL DISPENSER
 OWNER SUPPLIED, CONTRACTOR INSTALLED

(E) SHELF

(F) MIRROR
 SIZE INDICATED ON PLANS

(G) SOAP DISPENSER
 OWNER SUPPLIED, CONTRACTOR INSTALLED

(H) MOP & BROOM HOLDER
 LENGTH INDICATED ON PLANS

(I) FEMININE NAPKIN VENDOR

(J) FEMININE NAPKIN DISPOSAL

(K) ROBE HOOK

(L) 18"X24" MIRROR

(M) 1/2" LONG STRIP ROBE HOOK

GENERAL SHEET NOTES

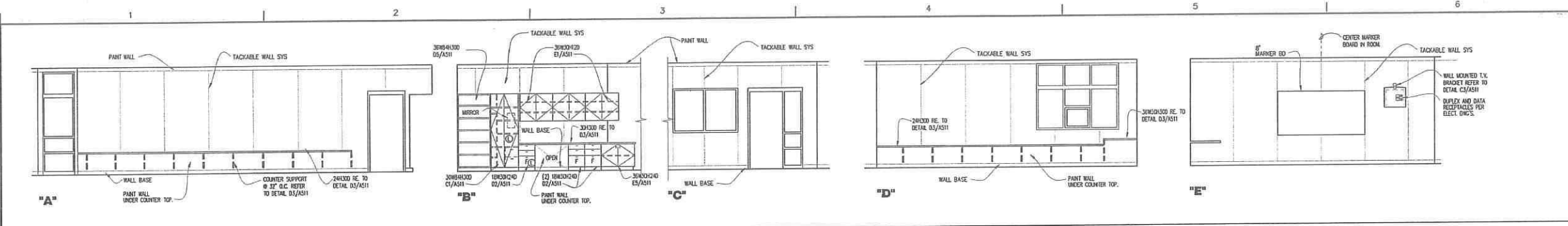
No. DESCRIPTION

1. INTERIOR MASONRY COURSEWORK
 - AT CLASSROOM WING CORRIDORS SEE ELEVATION B1 AND B3 SHEET A211.
 - ALL OTHER EXPOSED MASONRY SEE SHEET A217 ELEVATION "A1-C".

2. GENERAL CONTRACTOR TO COORDINATE COUNTER HEIGHTS WITH THE OWNER.

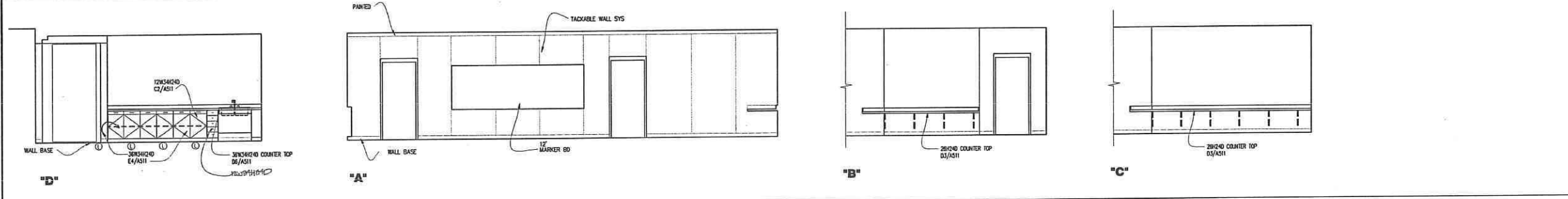
NORTHWEST LOGAN ELEMENTARY SCHOOL

1200 NORTH 400 WEST LOGAN, UTAH



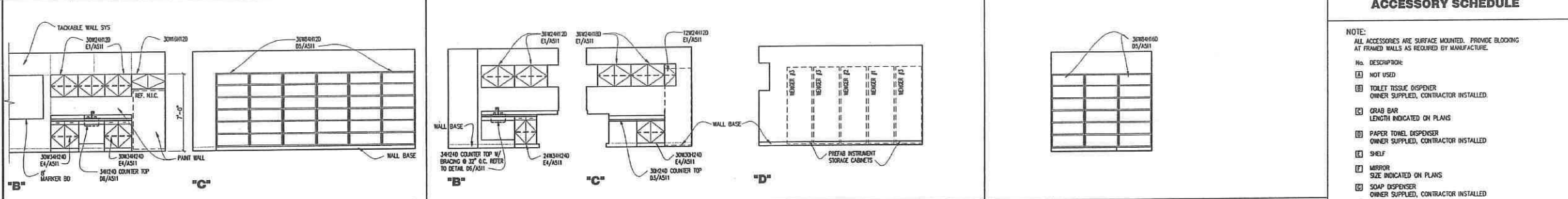
E1 COMPUTERS

1/4"=1'-0"



D1 EXTENDED LEARNING #A109 (TYPICAL SEE D108 FOR OPP. HAND)

1/4"=1'-0"



C1 FACULTY #A113 & D113

1/4"=1'-0"

C2 MUSIC OFFICE #B104A

1/4"=1'-0"

C4 P.E. STORAGE #B113

1/4"=1'-0"

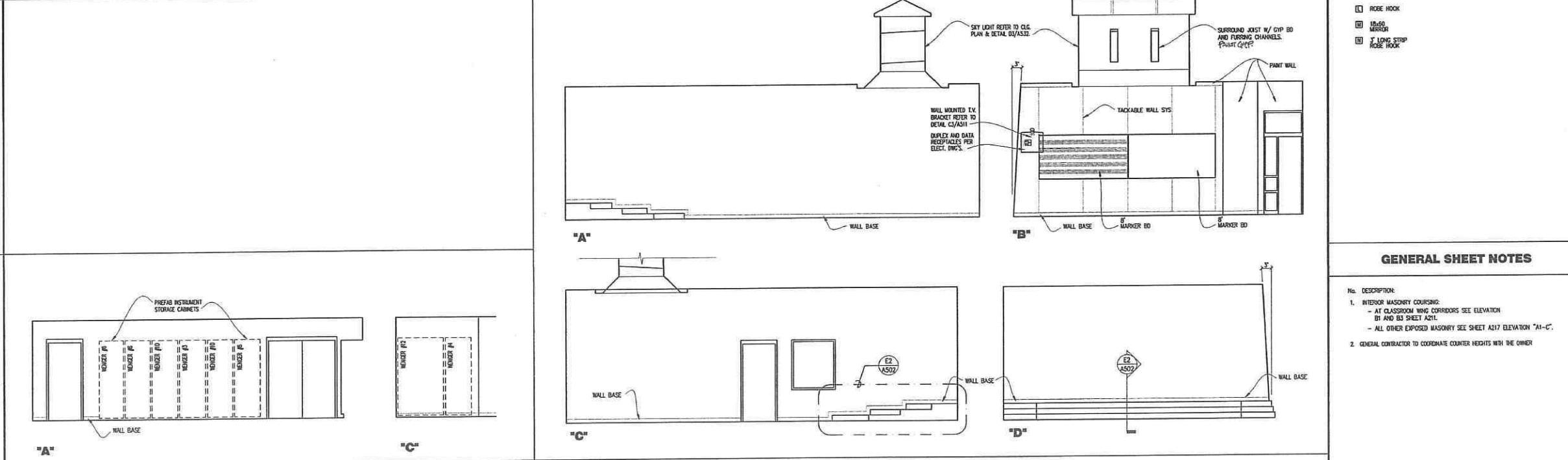
ACCESSORY SCHEDULE

NOTE: ALL ACCESSORIES ARE SURFACE MOUNTED. PROVIDE BLOCCING AT FRAMED WALLS AS REQUIRED BY MANUFACTURE.

No.	DESCRIPTION:
(X)	NOT USED
(1)	TOILET TISSUE DISPENSER OWNER SUPPLIED, CONTRACTOR INSTALLED.
(2)	GRAB BAR LENGTH INDICATED ON PLANS
(3)	PAPER TONGUE DISPENSER OWNER SUPPLIED, CONTRACTOR INSTALLED
(4)	SHelf
(5)	MIRROR SIZE INDICATED ON PLANS
(6)	SOAP DISPENSER OWNER SUPPLIED, CONTRACTOR INSTALLED
(7)	MCP & BROOM HOLDER LENGTH INDICATED ON PLANS
(8)	FEMINE HARKIN MIRROR
(9)	FEMINE HARKIN DISPOSAL
(10)	ROBE HOOK
(11)	16x6 MIRROR
(12)	3" LONG STRIP ROBE HOOK

NORTH/ WEST LOGAN ELEMENTARY SCHOOL

1200 NORTH 400 WEST LOGAN, UTAH



A1 INSTRUMENT ROOM #B109A

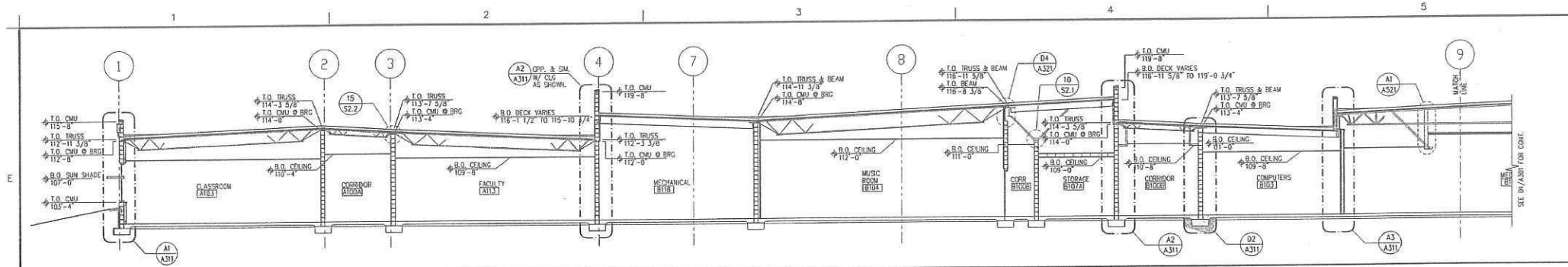
1/4"=1'-0"

A3 MUSIC ROOM #B104

1/4"=1'-0"

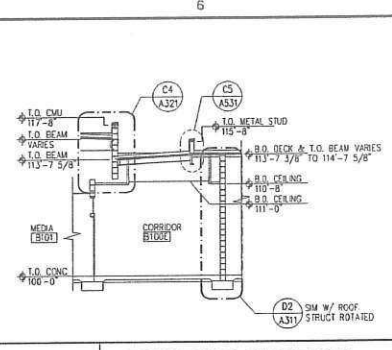
GENERAL SHEET NOTES

No.	DESCRIPTION:
1.	INTERIOR MASONRY COURSEING: - AT CLASSROOM WING CORRIDORS SEE ELEVATION D1 AND D3 SHEET A211. - ALL OTHER EXPOSED MASONRY SEE SHEET A217 ELEVATION "A1-C".
2.	GENERAL CONTRACTOR TO COORDINATE COUNTER HEIGHTS WITH THE OWNER



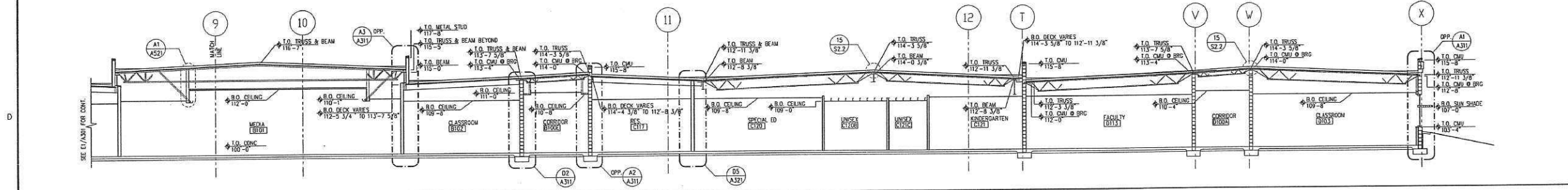
E1 BUILDING SECTION

1/8" = 1'-0"



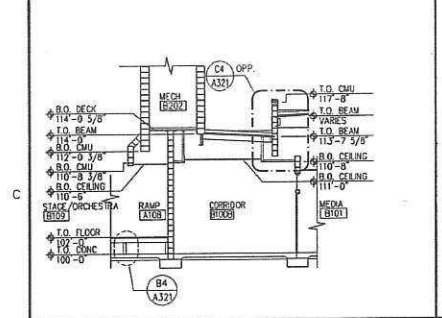
E6 BUILDING SECTION

1/8" = 1'-0"



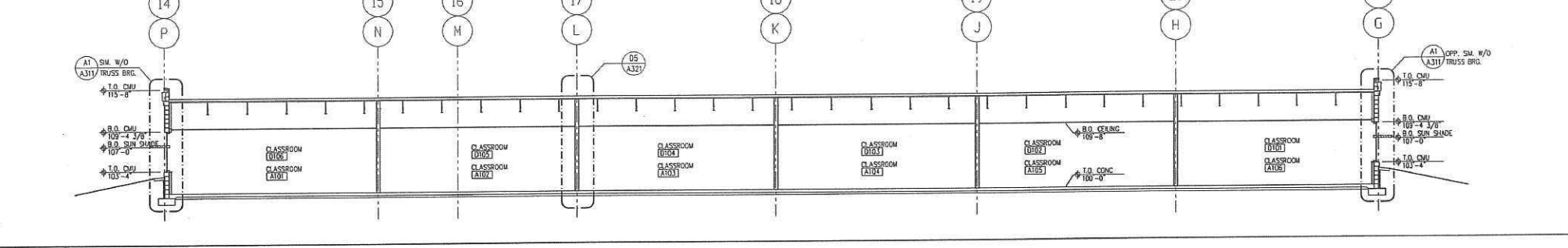
D1 BUILDING SECTION

1/8" = 1'-0"



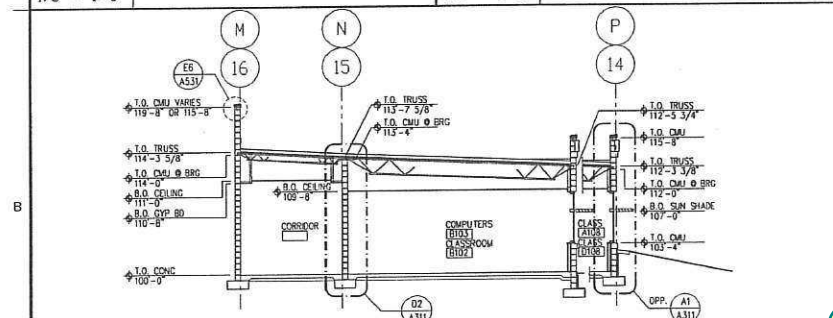
C1 BUILDING SECTION

1/8" = 1'-0"



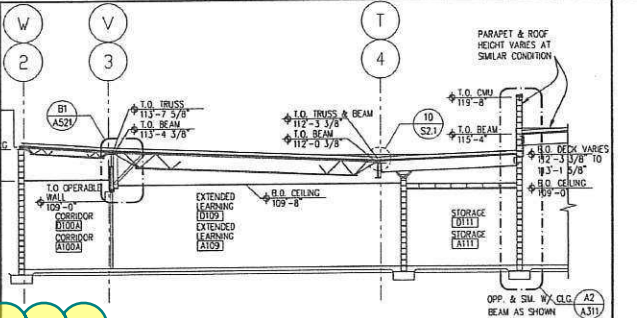
C2 BUILDING SECTION

1/8" = 1'-0"



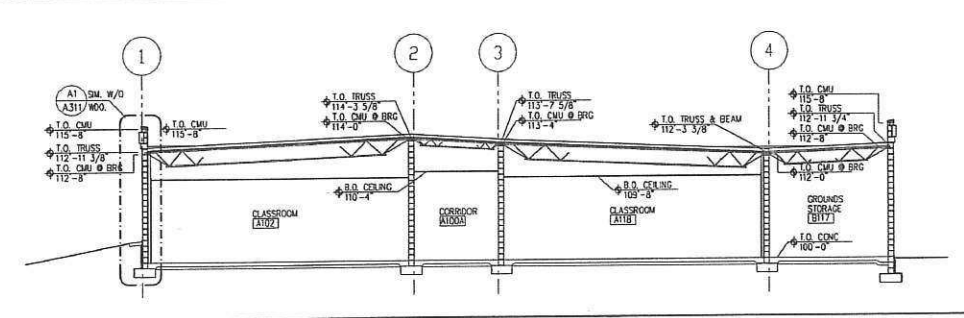
B1 BUILDING SECTION

1/8" = 1'-0"



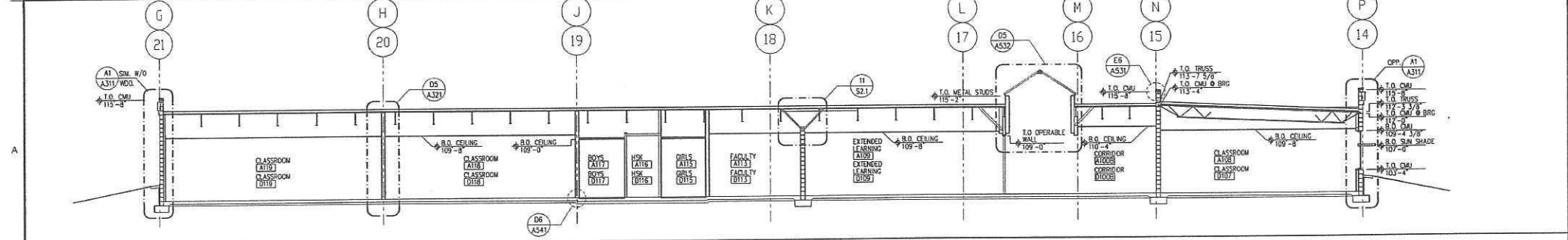
B3 BUILDING SECTION

1/8" = 1'-0"



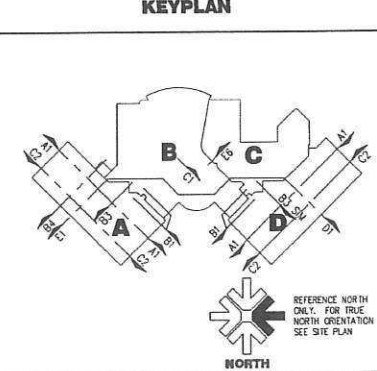
B4 BUILDING SECTION

1/8" = 1'-0"



A1 BUILDING SECTION

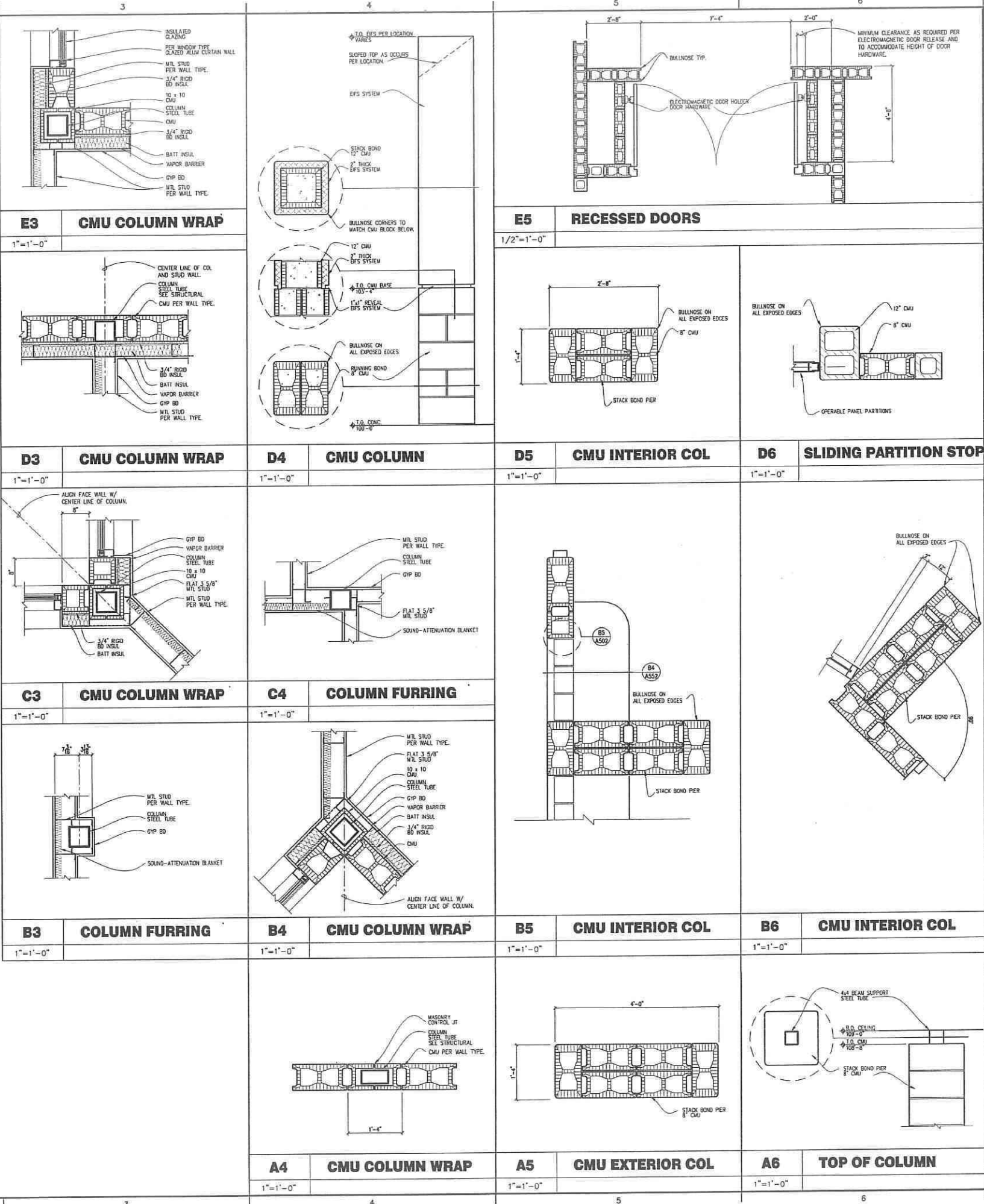
1/8" = 1'-0"



**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

**1200 NORTH
400 WEST
LOGAN, UTAH**

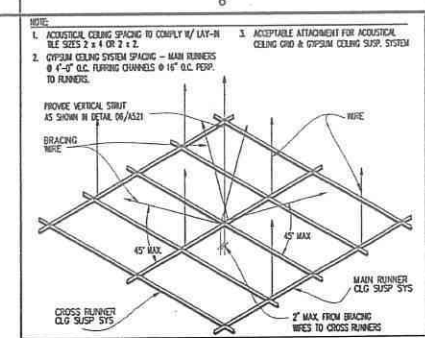
A301



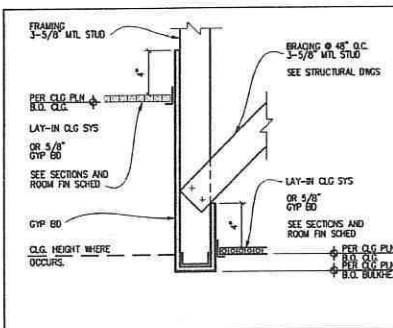
**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

**1200 NORTH
400 WEST
LOGAN, UTAH**

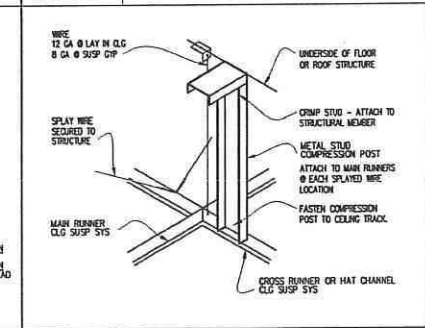
A501



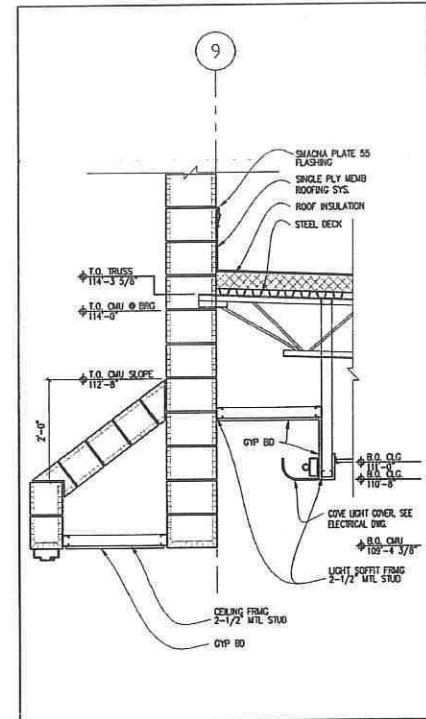
E6 SUSPENDED CEILING
3/8"=1'-0"



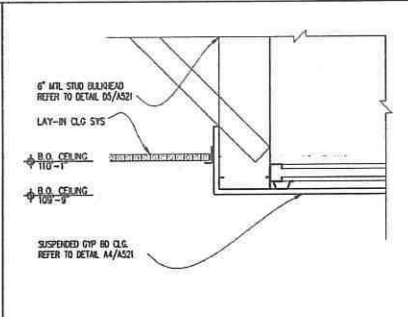
D5 TYPICAL BULKHEAD
1 1/2"=1'-0"



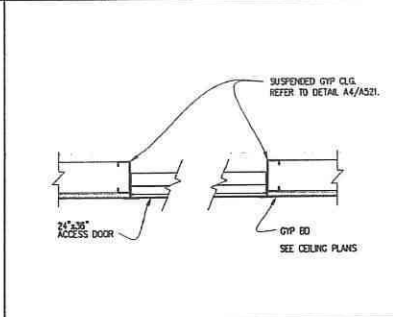
D6 COMPRESSION POST
3/8"=1'-0"



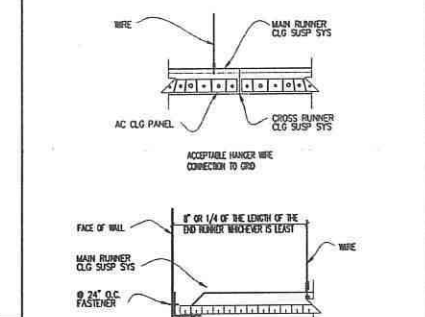
B3 HEADER
3/4" = 1'-0"



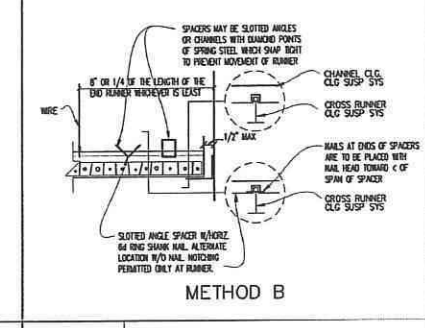
C4 TYPICAL BULKHEAD
1 1/2"=1'-0"



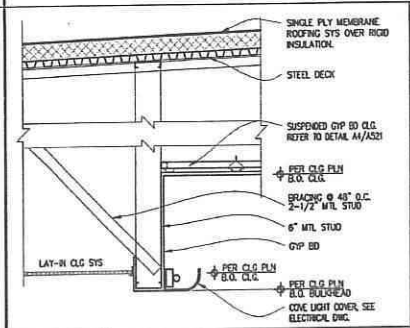
C5 CLG. ACCESS DOOR
1 1/2"=1'-0"



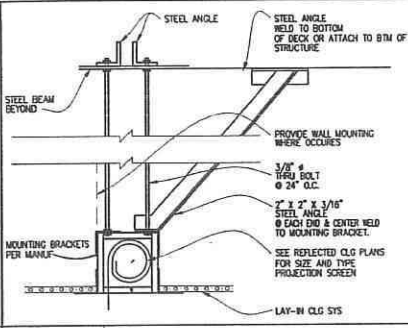
B6 SUSPENDED CLG.
3"=1'-0"



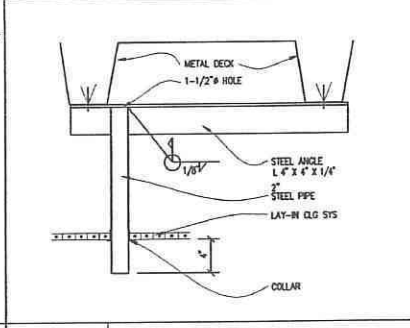
B6 SUSPENDED CLG.
3"=1'-0"



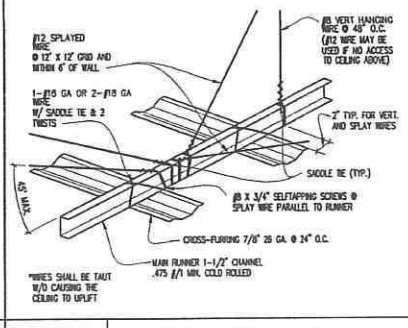
A1 COVE LIGHT BULKHEAD
3/4"=1'-0"



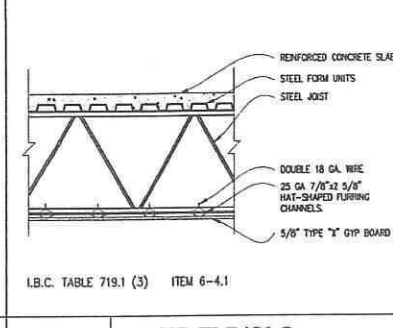
A2 PROJECTION SCREEN
N.T.S.



A3 VIDEO SUPPORT
N.T.S.



A4 GYP BD CEILING
NONE

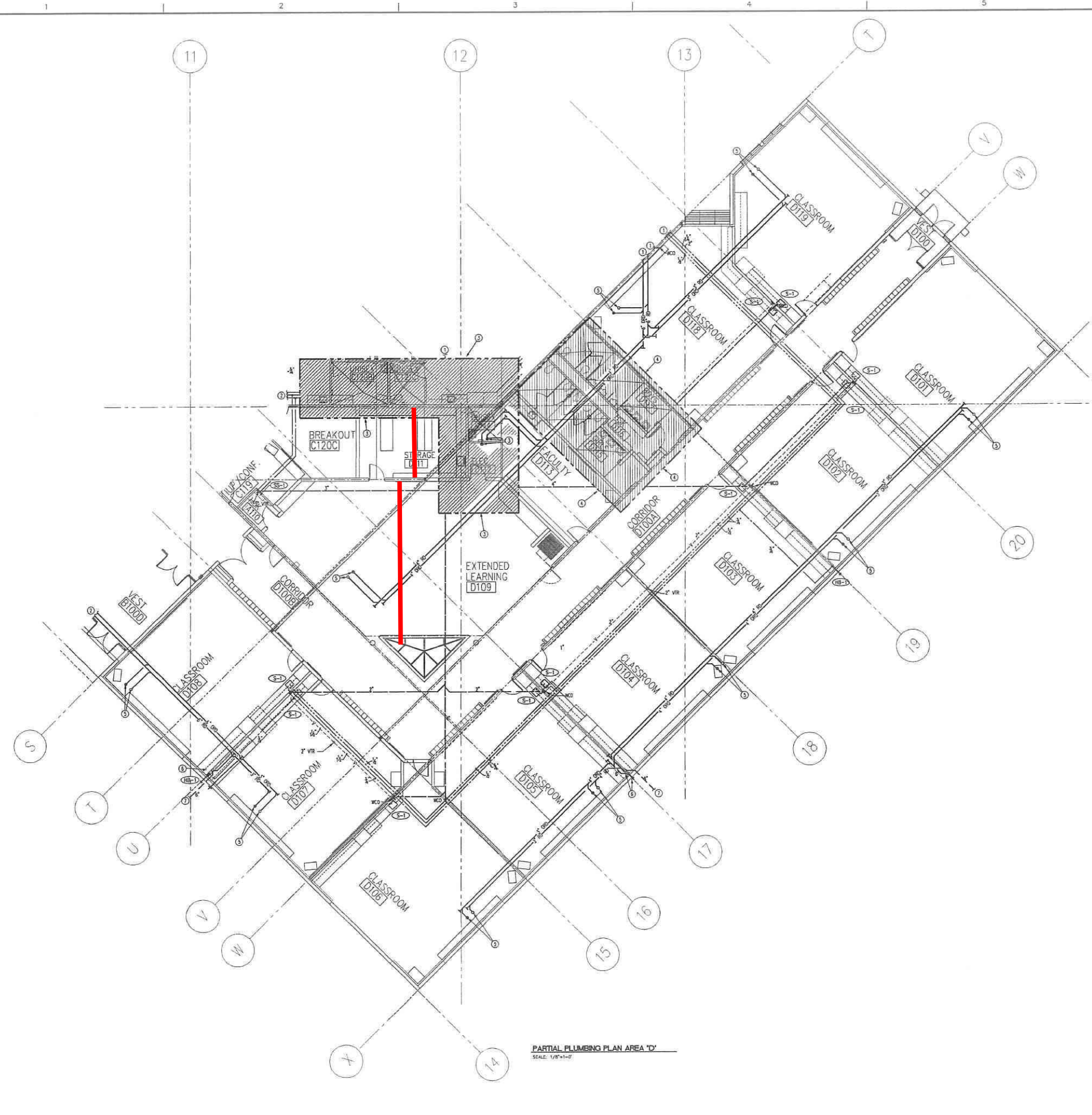


A5 1 HR FLR/CLG
3/4"=1'-0"

NORTH/ WEST LOGAN ELEMENTARY SCHOOL

1200 NORTH 400 WEST LOGAN, UTAH

A521

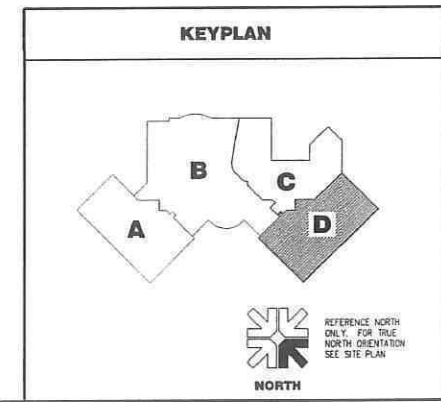


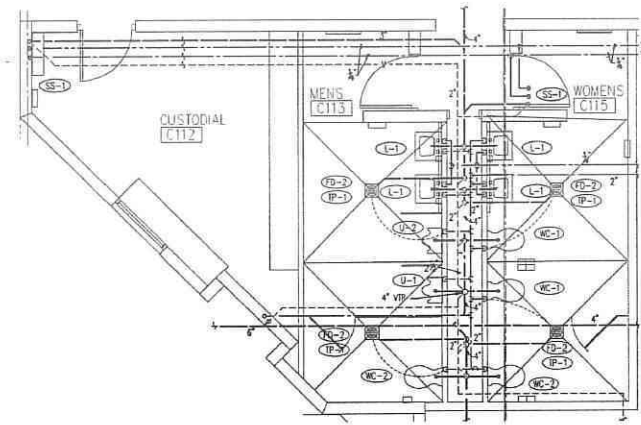
- KEYED NOTES**
- ① SEE SHEET P101C FOR CONTINUATION.
 - ② SEE SHEET P101B FOR CONTINUATION.
 - ③ SEE ENLARGED PLUMBING PLAN "T" ON SHEET P102 FOR PLUMBING IN THIS AREA.
 - ④ SEE ENLARGED PLUMBING PLAN "U" ON SHEET P102 FOR PLUMBING IN THIS AREA.
 - ⑤ ROOF DRAIN AND OVERFLOW FROM ABOVE. SEE SHEET P102 FOR SIZE. CAREFULLY COORDINATE EXACT LOCATION WITH ARCHITECTURAL PLANS.
 - ⑥ DROP ROOF DRAIN TO BELOW GRADE. DRAINAGE OVERFLOW HIGH ON WALL AND PROVIDE DOWNSPOUT NOZZLE (A.R. SMITH 1770, OR APPROVED EQUAL).
 - ⑦ SEE SHEET UTILITIES PLAN FOR CONTINUATION.

**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

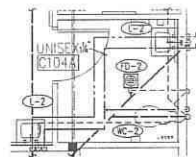
**1200 NORTH
400 WEST
LOGAN, UTAH**

PARTIAL PLUMBING PLAN AREA 'D'
SCALE: 1/8"=1'-0"

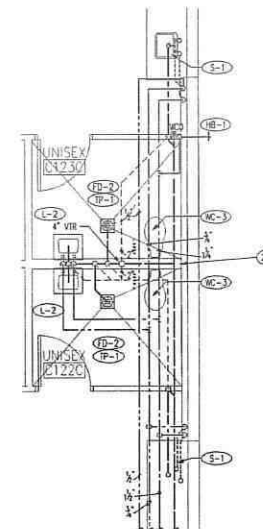




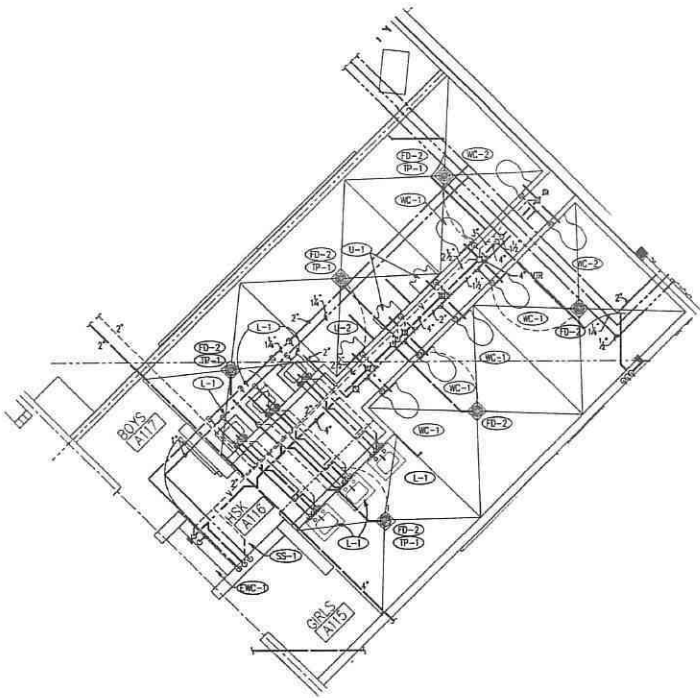
ENLARGED PLUMBING PLAN - A
 SCALE: 1/4"=1'-0"
 CUT OUT OF FLOOR PLAN ON SHEET P101C



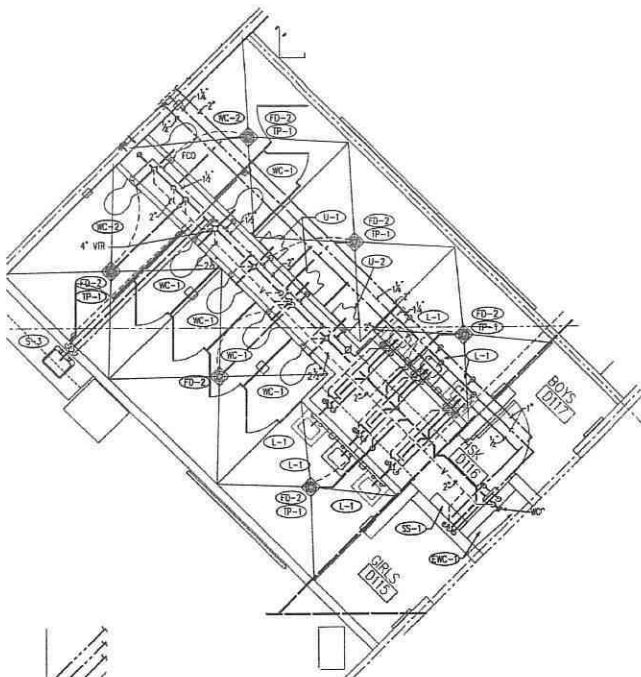
ENLARGED PLUMBING PLAN - B
 SCALE: 1/4"=1'-0"
 CUT OUT OF FLOOR PLAN ON SHEET P101C



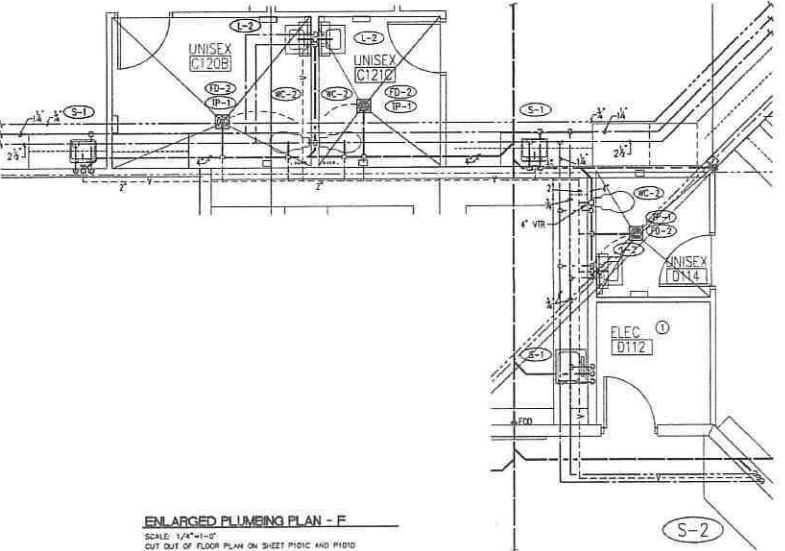
ENLARGED PLUMBING PLAN - C
 SCALE: 1/4"=1'-0"
 CUT OUT OF FLOOR PLAN ON SHEET P101C



ENLARGED PLUMBING PLAN - D
 SCALE: 1/4"=1'-0"
 CUT OUT OF FLOOR PLAN ON SHEET P101A



ENLARGED PLUMBING PLAN - E
 SCALE: 1/4"=1'-0"
 CUT OUT OF FLOOR PLAN ON SHEET P101D

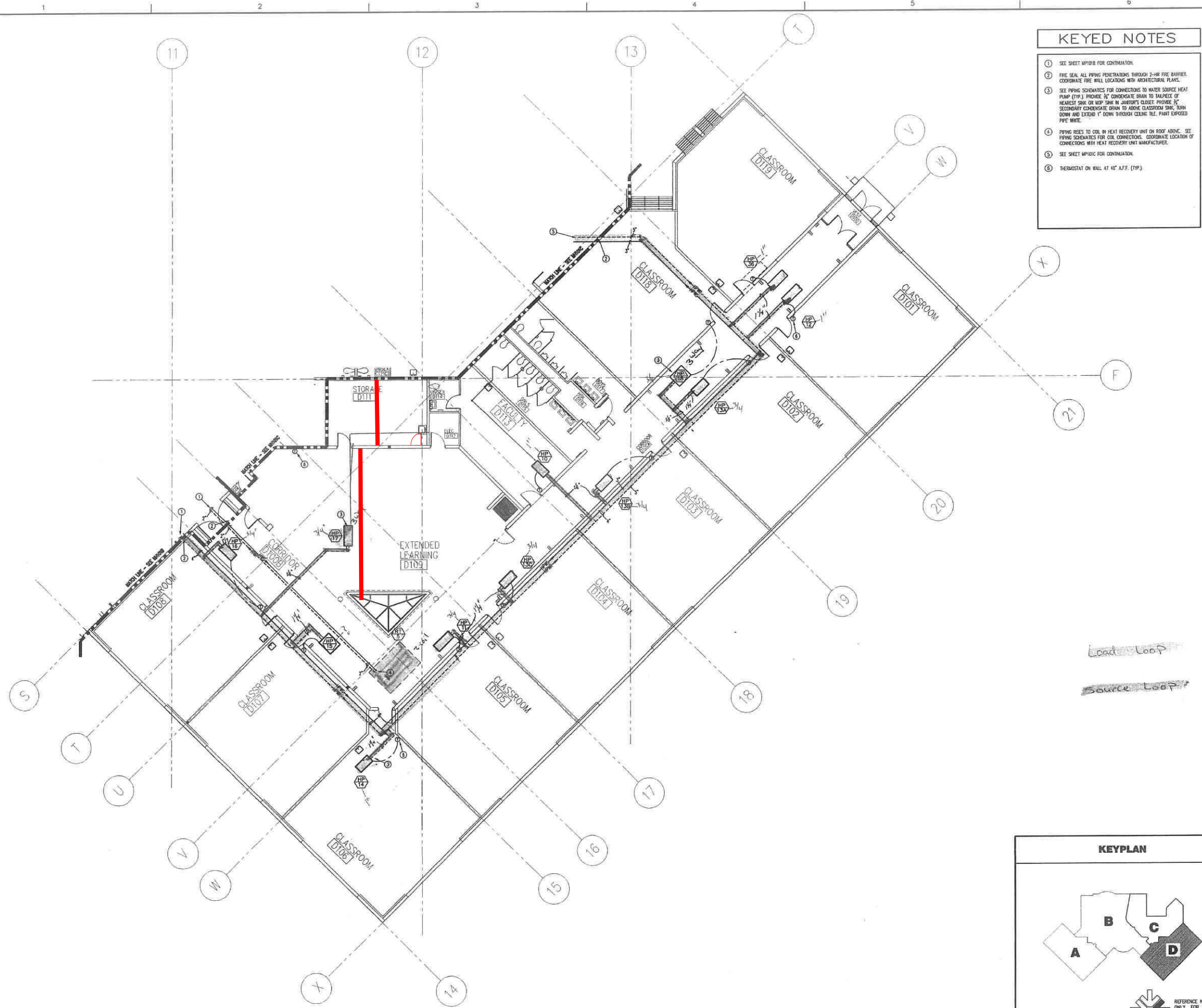


ENLARGED PLUMBING PLAN - F
 SCALE: 1/4"=1'-0"
 CUT OUT OF FLOOR PLAN ON SHEET P101C AND P101D

KEYED NOTES	
①	SEE SHEET P101D FOR ROOF DRAIN IN THIS AREA.
②	SEE SHEET P101C FOR ROOF DRAIN IN THIS AREA.

**NORTH/ WEST
 LOGAN
 ELEMENTARY
 SCHOOL**

**1200 NORTH
 400 WEST
 LOGAN, UTAH**

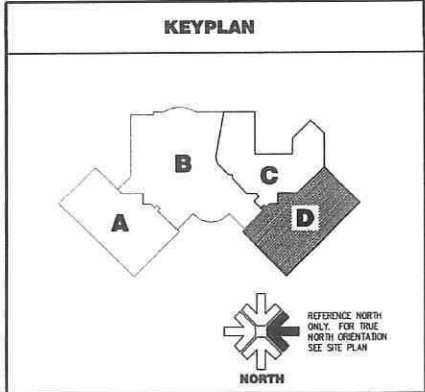


- KEYED NOTES**
- ① SEE SHEET MP1018 FOR CONTINUATION.
 - ② FIRE SEAL ALL PIPING PENETRATIONS THROUGH 2-HR FIRE BARRIER. COORDINATE FIRE WALL LOCATIONS WITH ARCHITECTURAL PLANS.
 - ③ SEE PIPING SCHEMATICS FOR CONNECTIONS TO WATER SOURCE HEAT PUMP (WSP). PROVIDE 3/4" CONDENSATE DRAIN TO TRAP/PEACE OF NEAREST SINK OR WSP SINK IN JANITOR'S CLOSET. PROVIDE 1/2" SECONDARY CONDENSATE DRAIN TO ABOVE CLASSROOM SINK. TURN DOWN AND EXTEND 1' DOWN THROUGH CEILING TILE. PART EXPOSED PIPE WHITE.
 - ④ PIPING REES TO COOL IN HEAT RECOVERY UNIT ON ROOF ABOVE. SEE PIPING SCHEMATICS FOR COIL CONNECTIONS. COORDINATE LOCATION OF CONNECTIONS WITH HEAT RECOVERY UNIT MANUFACTURER.
 - ⑤ SEE SHEET MP1018 FOR CONTINUATION.
 - ⑥ THERMOSTAT ON WALL AT 42" AFF. (TYP.)

**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

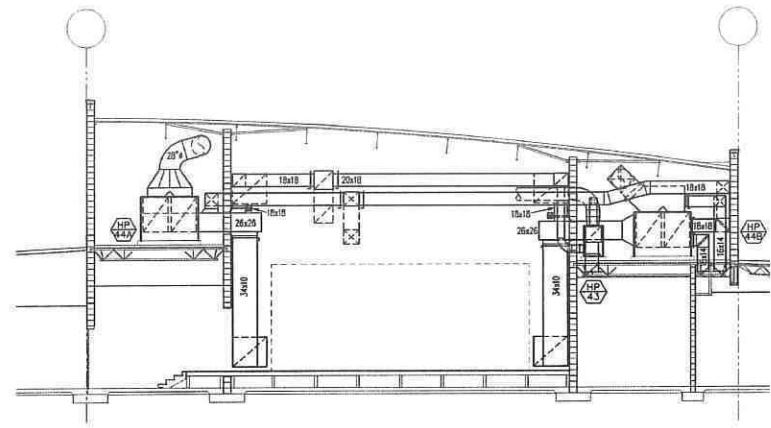
**1200 NORTH
400 WEST
LOGAN, UTAH**

Load Loop
Source Loop

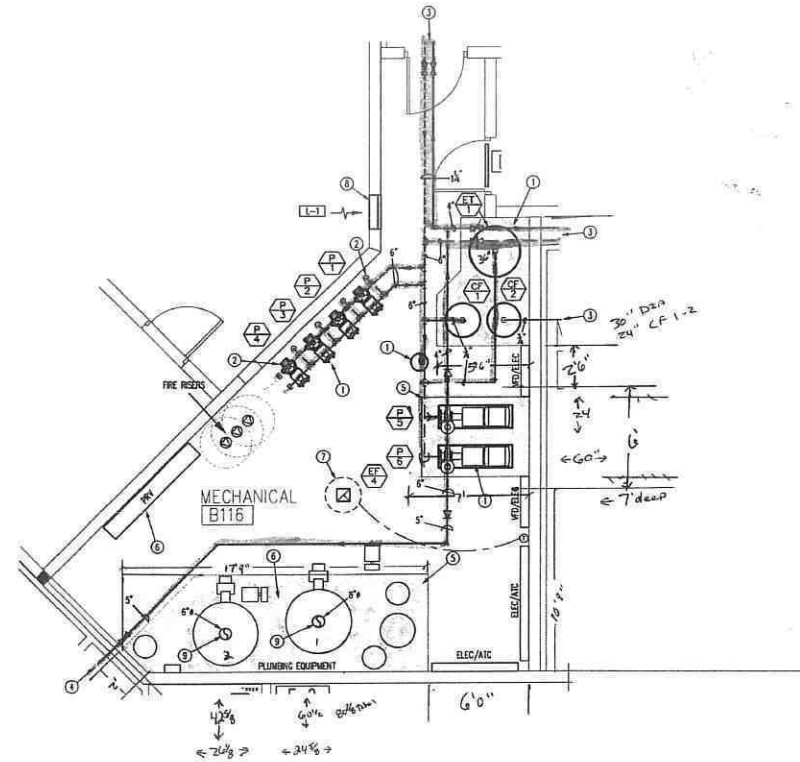


PARTIAL MECHANICAL PIPING PLAN AREA D
SCALE: 1/8"=1'-0"

MP101D



PLATFORM/ORCHESTRA SECTION
SCALE: 1/8"=1'-0"



ENLARGED MECHANICAL ROOM PLAN
SCALE: 1/4"=1'-0"

KEYED NOTES

- ① SEE PIPING SCHEMATIC ON SHEET M301 FOR CONNECTIONS TO PUMPS, EXPANSION TANK, CHEMICAL FEEDER, AIR SEPARATOR, ETC.
- ② SUPPLY AND RETURN PIPING CONNECTS TO GROUND LOOP PIPING AT THIS POINT (TYP.). SEE PIPING SCHEMATIC, COORDINATE PIPING MATERIAL, JOINTING METHOD, INSTALLATION, AND LOCATION OF PIPING IN THIS AREA WITH SEE UTILITY PLAN AND GROUND LOOP CONTRACTS.
- ③ SEE SHEET M302 FOR CONTINUATION.
- ④ SEE SHEET M303 FOR CONTINUATION. FIRE SEAL PIPING PENETRATION OF 2-HR. FIRE RATED WALL.
- ⑤ 6" CONCRETE HOUSEKEEPING PAD (TYP.).
- ⑥ SEE PLUMBING DRAWINGS FOR EQUIPMENT IN THIS AREA.
- ⑦ ROOF MOUNTED EXHAUST FAN.
- ⑧ COMBUSTION AIR LOUVER. INSTALL MIN. 12" OF ROOF DECK/CEILING.
- ⑨ EXTEND VENT FLEX THROUGH ROOF TO LISTED CAP. COORDINATE VENT MATERIAL WITH WATER HEATER MANUFACTURER.

**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

**1200 NORTH
400 WEST
LOGAN, UTAH**

Loop Loop

Source Loop 7

EXHAUST FAN SCHEDULE															SPECIFICATION SECTION 1520		
SYMBOL	MANUFACTURER AND MODEL NO.	TYPE	DETAIL NO.	FAN				HEIGHT ABOVE ROOF (INCHES)	ELECTRICAL			OPERATING WEIGHT (LBS.)	CONTROL METHOD	ACCESSORIES AND REMARKS			
				CFM	RPM	SP. WG.	BHP		OV. FPM	H.P.	RPM				VOLT	PHASE	
EF-1	COOK 120 ACN8	UPBLAST	XXX	1,000	1495	0.75	0.23	1053	40	1/4	1725	115	1	60	70	W/ MAU-1	PROVIDE ROOF CURB
EF-2	COOK 120-140	CEILING MNT	XXX	100	1500	0.125	---	556	N/A	120 W	1500	115	1	60	20	WALL SWITCH	PROVIDE ROOF CAP
EF-3	COOK 100 ACE8	SOME TYPE	XXX	450	973	0.125	0.03	888	30	1/8	1725	115	1	60	50	THERMOSTAT	PROVIDE ROOF CURB
EF-4	COOK 100 ACE8	SOME TYPE	XXX	500	1049	0.125	0.03	764	30	1/8	1725	115	1	60	50	THERMOSTAT	PROVIDE ROOF CURB
EF-5	NOT USED																
EF-6	COOK 120-120	CEILING MNT	XXX	80	1200	0.1	---	380	N/A	60 W	1200	115	1	60	20	WALL SWITCH	PROVIDE ROOF CAP
EF-7	COOK 120-140	CEILING MNT	XXX	100	1500	0.125	---	556	N/A	120 W	1500	115	1	60	20	WALL SWITCH	PROVIDE ROOF CAP
EF-8	COOK 120-140	CEILING MNT	XXX	100	1500	0.125	---	556	N/A	120 W	1500	115	1	60	20	WALL SWITCH	PROVIDE ROOF CAP
EF-9	COOK 120-140	CEILING MNT	XXX	100	1500	0.125	---	556	N/A	120 W	1500	115	1	60	20	WALL SWITCH	PROVIDE ROOF CAP

LOUVER SCHEDULE							SPECIFICATION SECTION 1542
SYMBOL	MANUFACTURER AND MODEL NO.	LOCATION	OVERALL SIZE (IN.) L x H	TYPE	MINIMUM FREE AREA	CFM	ACCESSORIES AND REMARKS
L-1	ARQUE 678	MECH. ROOM	24 x 24	COMB. AIR	50%	---	---

MAKE-UP AIR HANDLER WITH EXHAUST FAN UNIT SCHEDULE (WITH GAS HEAT & EVAPORATIVE COOLING)																				
SYMBOL	MANUFACTURER AND MODEL NO.	LOCATION	ELEC. FROST COOL.		GAS HEATING				EVAPORATIVE COOLING			SUPPLY FAN		EXHAUST FAN		OPERATING WEIGHT (LBS.)	ACCESSORIES AND REMARKS			
			DELTA T (°F)	KW	INPUT (MBH)	OUTPUT (MBH)	E.A.T (°F db)	L.A.T (°F db)	OUTSIDE AIR (°F db/Fwb)	BTUH COOLING	CFM	E.S.P.	MOTOR H.P.	VOLTS/Ø	CFM			E.S.P.	MOTOR H.P.	VOLTS/Ø
MAU-1	GREENHECK NS-115-R30	MIDRISE ROOF	5	12	800	533	0	58	95/92	89% EFF.	7150	0.5	5	400/3	8125	1.5	3	480/3	2500	SEE BELOW

- NOTES:
1) PROVIDE GALVANIZED STEEL ROOF CURB, 1 x 4 NAILED, SPONGE RUBBER SEAL, STRIP, INSULATION, GWT STRIP, ETC., AND ALL HANDWORK REQUIRED FOR COMPLETE INSTALLATION.
2) ELECTRIC FROST COIL SHALL BE UPSTREAM OF ALL FILTERS, LAMINAR BLENDETERS, ETC. AND LOCATED WITH ACCESS FOR CLEANING AND INSPECTION.
3) PROVIDE WITH ELECTRIC COMPARTMENT HOUSING FOR ALL REQUIRED STARTERS, CONTROLS, OVERLOAD CIRCUIT FUSING, TRANSFORMERS, AND TERMINAL BLOCK FOR SINGLE POINT CONNECTION.
4) PROVIDE REMOTE CONTROL PANEL, 4 STAGE HEAT THERMOSTAT, PREMIUM EFF. MOTORS, INLET AIR SENSOR, AND FREEZE PROTECTION.

DIFFUSER AND GRILLE SCHEDULE										SPECIFICATION SECTION 1541E
SYMBOL	MANUFACTURER AND MODEL NO.	MIN./MAX. CFM	BLOW	OVERALL SIZE	NECK SIZE	TYPE	ACCESSORIES AND REMARKS			
D-1	KRUEGER 6504	0 / 170	4-WAY	24 x 24	6"	PERF. FACE	LAY-IN			
D-2	KRUEGER 6504	170 / 300	4-WAY	24 x 24	6"	PERF. FACE	LAY-IN			
D-3	KRUEGER 6504	250 / 340	4-WAY	24 x 24	10"	PERF. FACE	LAY-IN			
D-4	KRUEGER 6504	340 / 500	4-WAY	24 x 24	12"	PERF. FACE	LAY-IN			
D-5	KRUEGER 1400	0 / 300	4-WAY	12 x 12	6"	LOUVER FACE	SURFACE MOUNT W/ OSD			
D-6	KRUEGER 1400	275 / 450	4-WAY	24 x 24	10"	LOUVER FACE	SURFACE MOUNT W/ OSD			
D-7	KRUEGER DWGR-H	0 / 650	2-WAY	12 x 20	---	DBL. DEF. GRILLE	DUCT MOUNT ON 28" W/ OSD			
D-8	KRUEGER DWGR-H	0 / 250	2-WAY	6 x 10	---	DBL. DEF. GRILLE	DUCT MOUNT ON 14" W/ OSD			
R-1	KRUEGER 6790	---	---	24 x 24	---	PERF. FACE	LAY-IN PANEL ONLY - NO FRAME			
R-2	KRUEGER 6290	---	---	24 x 24	10 x 10	PERF. FACE	LAY-IN			
R-3	KRUEGER 580H	---	---	10 x 10	---	SINGLE DEF. GRILLE	SURFACE MOUNT W/ OSD			
R-4	KRUEGER 6590	---	---	24 x 24	12"	PERF. FACE	LAY-IN			
R-5	KRUEGER 580H	---	---	12 x 12	---	SINGLE DEF. GRILLE	SURFACE MOUNT W/ OSD			
R-6	KRUEGER 6790	---	---	12 x 24	---	PERF. FACE	LAY-IN PANEL ONLY - NO FRAME			
R-7	KRUEGER 6590	---	---	24 x 24	14"	PERF. FACE	LAY-IN			
R-8	KRUEGER 5480H	---	---	40 x 40	---	HV DUTY WALL GRILLE	Ø DETECTION			
R-9	KRUEGER 568H	---	---	24 x 24	---	HV DUTY WALL GRILLE	SURFACE MOUNT W/ OSD			
E-1	KRUEGER ECC-5	---	---	12 x 12	---	EGGCRATE	SURFACE MOUNT W/ OSD			
E-2	KRUEGER ECC-5	---	---	6 x 6	---	EGGCRATE	SURFACE MOUNT W/ OSD			
DG-1	KRUEGER 600A	---	---	30 x 16	---	DOOR GRILLE	---			

NORTH/ WEST LOGAN ELEMENTARY SCHOOL

1200 NORTH 400 WEST LOGAN, UTAH

- SHEET KEYNOTES**
- CONNECT TO SWITCH SERVING 2 OUTER LAMPS OF 3-LAMP FIXTURES.
- GENERAL SHEET NOTES**
- SEE ARCHITECT'S PLANS FOR ACOUSTIC WALL TREATMENTS & PROVIDE EXTENSION RINGS ON J-BOXES AS NECESSARY.
 - CIRCUIT ALL EXIT SIGNS TO H4-42.
 - SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS OF ALL INTERIOR & EXTERIOR WALL SCANCES.

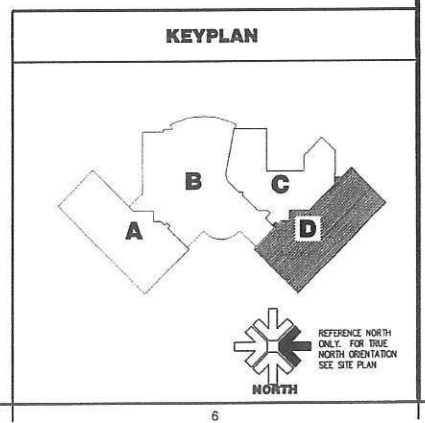


**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

**1200 NORTH
400 WEST
LOGAN, UTAH**

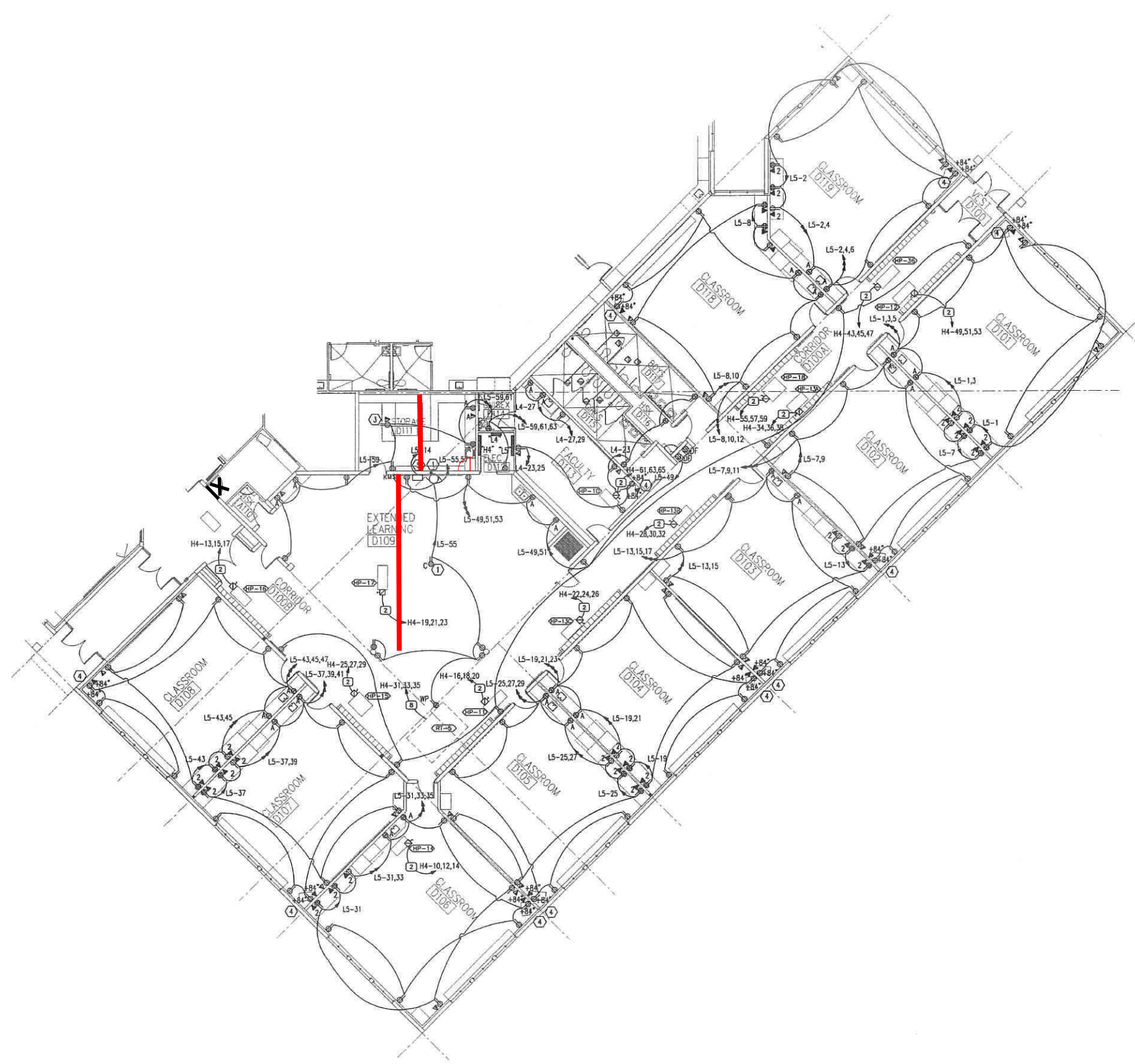
LIGHTING PLAN AREA D

SCALE: 1/8" = 1'-0"



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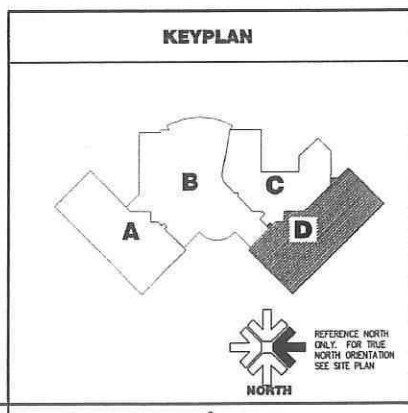
- SHEET KEYNOTES**
1. COORDINATE OUTLET LOCATION W/ PROJECTOR.
 2. POWER FOR MOTORIZED PROJECTION SCREEN. WIRE PER MANUFACTURER'S WRITTEN INSTRUCTIONS. COORDINATE THE SWITCH LOCATION WITH THE ARCHITECT. PROVIDE A MOMENTARY KEYED SWITCH (WITH A STANDARD KEY) AND WIRE SO TURNING THE KEY ONE DIRECTION WILL CAUSE THE SCREEN TO ROLL UP AND THE OTHER DIRECTION WILL CAUSE THE SCREEN TO LOWER.
 3. MOUNT IN KNEE SPACE. COORDINATE W/ MILLWORK.
 4. TV OUTLET AND DATA JACK. COORDINATE MOUNTING W/ TV JACK.
 5. EXTENDED LEARNING A/V SYSTEM POWER. COORDINATE W/ DIV. 13 INSTALLER.
- GENERAL SHEET NOTES**
1. SEE ARCHITECT'S PLANS FOR ACOUSTIC WALL TREATMENTS & PROVIDE EXTENSION RINGS ON J-BOXES AS NECESSARY.

**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

**1200 NORTH
400 WEST
LOGAN, UTAH**

POWER PLAN AREA D

SCALE: 1/8" = 1'-0"

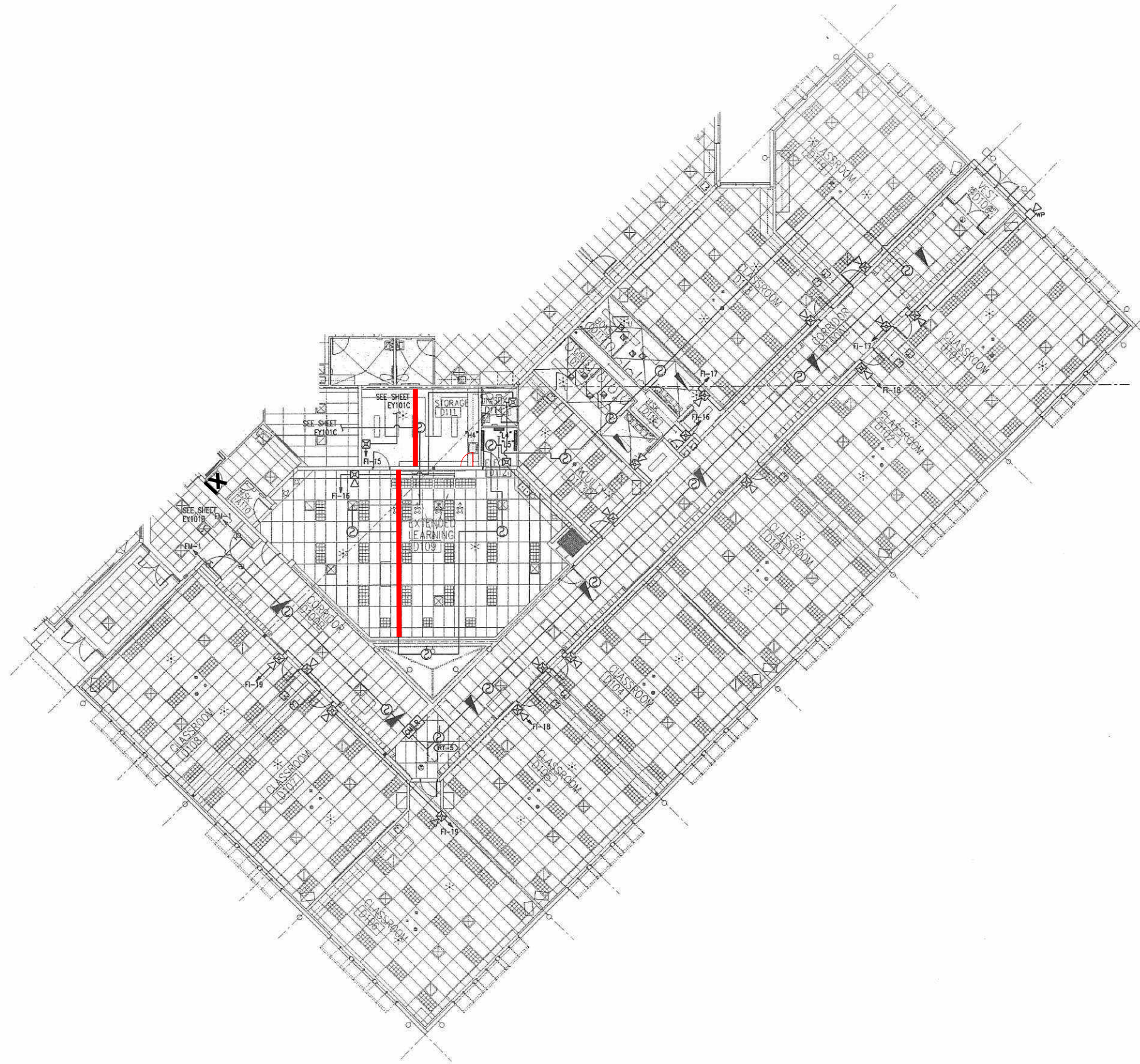


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GENERAL SHEET NOTES

1. SEE ARCHITECT'S PLANS FOR ACOUSTIC WALL TREATMENTS & PROVIDE EXTENSION RINGS ON J-BOXES AS NECESSARY.
2. FOR ALL EXTERIOR HORN LOCATIONS SEE ARCHITECTURAL ELEVATIONS & COORDINATE W/ ARCHITECT.



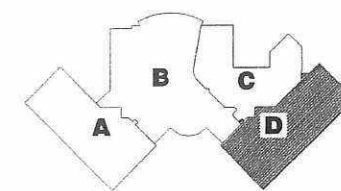
FIRE ALARM PLAN AREA D

SCALE: 1/8" = 1'-0"

**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

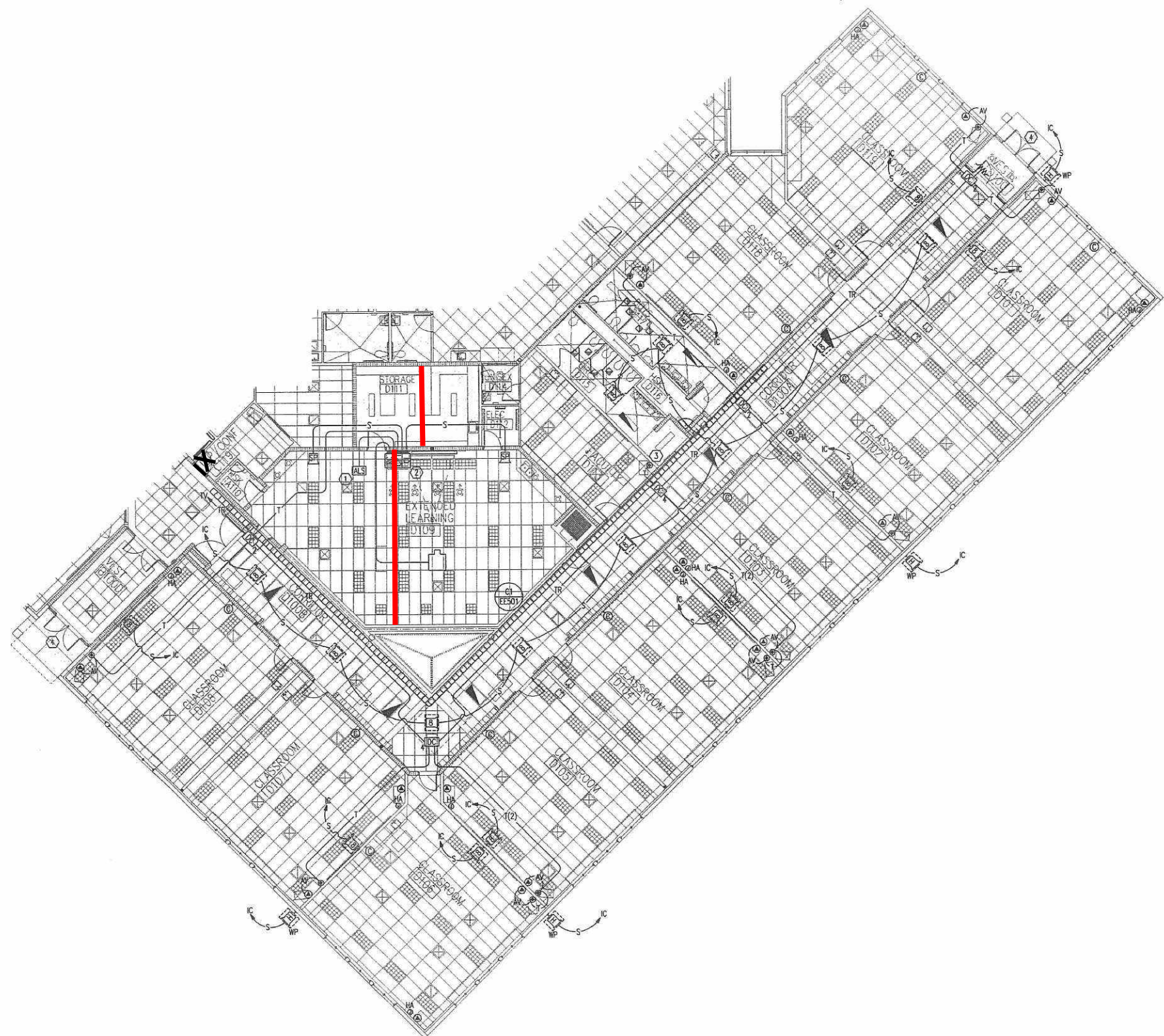
**1200 NORTH
400 WEST
LOGAN, UTAH**

KEYPLAN



EY101D

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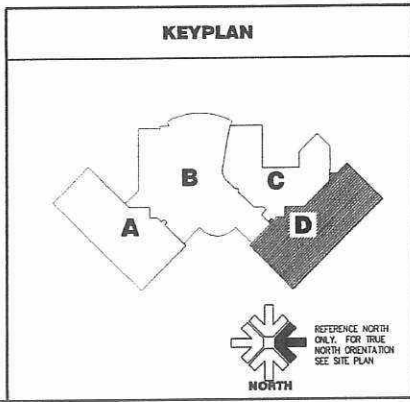
- GENERAL SHEET NOTES**
- SEE ARCHITECT'S PLANS FOR ACOUSTIC WALL TREATMENTS & PROVIDE EXTENSION RINGS ON J-BOXES AS NECESSARY.
 - WALL MOUNT CABLE TRAY WHERE POSSIBLE. PROVIDE CENTER HUNG TRAY WHERE WALL MOUNTING IS NOT POSSIBLE.
- SHEET KEYNOTES**
- MOUNT ASSISTED LISTENING SYSTEM TRANSMITTER AND ANTENNA ABOVE THE ACCESSIBLE CEILING.
 - REFER TO DETAIL AS ON SHEET TA604 FOR EQUIPMENT AND BACKBOX INSTALLATION.
 - PROVIDE TV OUTLET - DETAIL B AT THIS LOCATION. REFER TO DETAILS ON SHEET TA602.
 - PROVIDE ROUGH-IN FOR FUTURE SECURITY DOOR SWITCHES. REFER TO DETAIL DS ON SHEET EE609.

**NORTH/ WEST
LOGAN
ELEMENTARY
SCHOOL**

**1200 NORTH
400 WEST
LOGAN, UTAH**

AUXILIARY PLAN AREA D

SCALE: 1/8" = 1'-0"



ET101D

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ELECTRICAL PANEL "L1" SCHEDULE

Table with columns: OCP, AMP, POLE, LTO, CO, PWR, DESCRIPTION, LCL, PHASE LOAD (A, B, C), LCL, DESCRIPTION, OUTLETS, OCP, POLE, NO. Includes notes on client, job, and main size.

ELECTRICAL PANEL "L2" SCHEDULE

Table with columns: OCP, AMP, POLE, LTO, CO, PWR, DESCRIPTION, LCL, PHASE LOAD (A, B, C), LCL, DESCRIPTION, OUTLETS, OCP, POLE, NO. Includes notes on client, job, and main size.

ELECTRICAL PANEL "L4" SCHEDULE

Table with columns: OCP, AMP, POLE, LTO, CO, PWR, DESCRIPTION, LCL, PHASE LOAD (A, B, C), LCL, DESCRIPTION, OUTLETS, OCP, POLE, NO. Includes notes on client, job, and main size.

ELECTRICAL PANEL "L5" SCHEDULE

Table with columns: OCP, AMP, POLE, LTO, CO, PWR, DESCRIPTION, LCL, PHASE LOAD (A, B, C), LCL, DESCRIPTION, OUTLETS, OCP, POLE, NO. Includes notes on client, job, and main size.

ELECTRICAL PANEL "L3" SCHEDULE

Table with columns: OCP, AMP, POLE, LTO, CO, PWR, DESCRIPTION, LCL, PHASE LOAD (A, B, C), LCL, DESCRIPTION, OUTLETS, OCP, POLE, NO. Includes notes on client, job, and main size.

NORTH/ WEST LOGAN ELEMENTARY SCHOOL

1200 NORTH 400 WEST LOGAN, UTAH

CODE ANALYSIS
BUILDING AREA "A"
DESIGN AREA
 NEW
 14,983 SQ. FT.

ALLOWABLE AREA
 TYPE OF CONSTRUCTION I-B
 BASIC ALLOWABLE (B.C.) 14,500 SQ. FT.
 PERIMETER 555 FT.
 PERIMETER ON PUBLIC WAY OR OPEN SPACE 304 FT.
 MIN WIDTH OF PUBLIC WAY OR OPEN SPACE 30 FT.
 TOTAL ALLOWABLE AREA INCREASE @ 17.2% 64,339 SQ. FT.
 STORES (ALLOWED/ACTUAL) 3/1
 HEIGHT (ALLOWED/ACTUAL) 75 FT / 20 FT.
 FIRE SPRINKLER USED YES

CLASSIFICATION
 OCCUPANCY CLASSIFICATION E
 REQUIRED CONSTRUCTION (RATINGS)
 EXTERIOR WALLS FIRE SEPARATION DISTANCE TABLE 602
 NOTE: SPRINKLERS CANNOT BE USED
 IN LEU OF THIS RATING
 +0 GREATER THAN 10 FEET
 +1 HOUR LESS THAN 10 FEET
 FIRE RATING FOR BUILDING ELEMENTS TABLE 601

STRUCTURAL FRAME	0 HOUR
BEARING WALLS	0 HOUR
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
NON BEARING WALLS	0 HOUR
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR
FIRE WALL	2 HOUR
FIRE BARRIER (OCCUPANCY) WALL	1 HOUR

CODE ANALYSIS
BUILDING AREA "B"
DESIGN AREA
 NEW
 33,765 SQ. FT.

ALLOWABLE AREA
 TYPE OF CONSTRUCTION I-B
 BASIC ALLOWABLE (B.C.) E = 14,500 SQ. FT.
 A-3 = 9,500 SQ. FT.
 1,029 FT.
 PERIMETER 555 FT.
 PERIMETER ON PUBLIC WAY OR OPEN SPACE 304 FT.
 MIN WIDTH OF PUBLIC WAY OR OPEN SPACE 30 FT.
 TOTAL ALLOWABLE AREA INCREASE @ 24.6% 56,919 SQ. FT.
 STORES (ALLOWED/ACTUAL) 3/1
 HEIGHT (ALLOWED/ACTUAL) 75 FT / 34 FT.
 FIRE SPRINKLER USED YES

CLASSIFICATION
 OCCUPANCY CLASSIFICATION E, A-3
 REQUIRED CONSTRUCTION (RATINGS)
 EXTERIOR WALLS FIRE SEPARATION DISTANCE TABLE 602
 NOTE: SPRINKLERS CANNOT BE USED
 IN LEU OF THIS RATING
 +0 GREATER THAN 10 FEET
 +1 HOUR LESS THAN 10 FEET
 FIRE RATING FOR BUILDING ELEMENTS TABLE 601

STRUCTURAL FRAME	0 HOUR
BEARING WALLS	0 HOUR
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
NON BEARING WALLS	0 HOUR
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR
FIRE WALL	2 HOUR
FIRE BARRIER (OCCUPANCY) WALL	1 HOUR

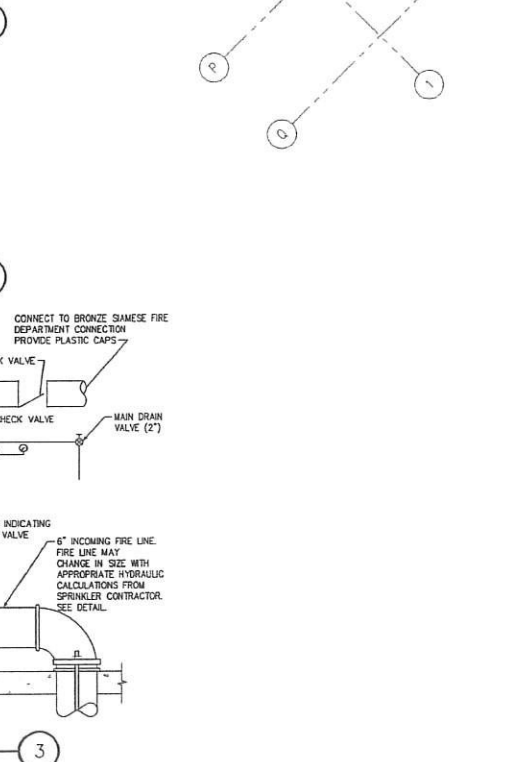
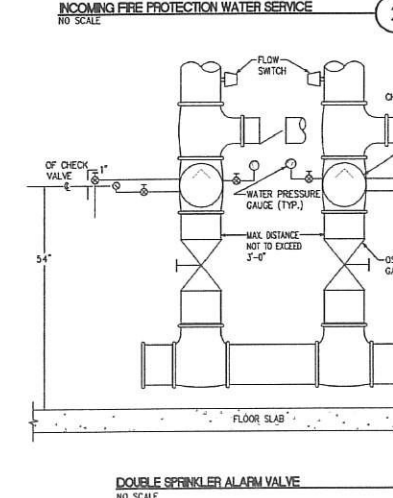
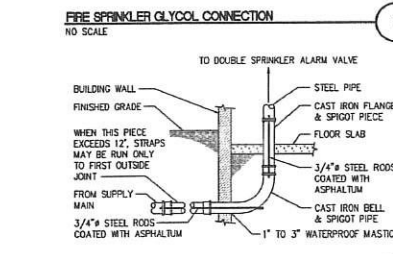
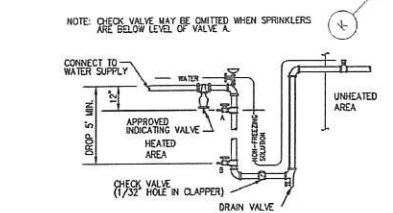
OCCUPANT LOAD SIGNS
 MULT-PURPOSE FLOOR 488 / 7 713
 STAGE 20 / 15 28

CODE ANALYSIS
BUILDING AREA "C"
DESIGN AREA
 NEW
 15,085 SQ. FT.

ALLOWABLE AREA
 TYPE OF CONSTRUCTION I-B
 BASIC ALLOWABLE (B.C.) 14,500 SQ. FT.
 PERIMETER 568 FT.
 PERIMETER ON PUBLIC WAY OR OPEN SPACE 331 FT.
 MIN WIDTH OF PUBLIC WAY OR OPEN SPACE 30 FT.
 TOTAL ALLOWABLE AREA INCREASE @ 36.5% 63,120 SQ. FT.
 STORES (ALLOWED/ACTUAL) 3/1
 HEIGHT (ALLOWED/ACTUAL) 75 FT / 18 FT.
 FIRE SPRINKLER USED YES

CLASSIFICATION
 OCCUPANCY CLASSIFICATION E
 REQUIRED CONSTRUCTION (RATINGS)
 EXTERIOR WALLS FIRE SEPARATION DISTANCE TABLE 602
 NOTE: SPRINKLERS CANNOT BE USED
 IN LEU OF THIS RATING
 +0 GREATER THAN 10 FEET
 +1 HOUR LESS THAN 10 FEET
 FIRE RATING FOR BUILDING ELEMENTS TABLE 601

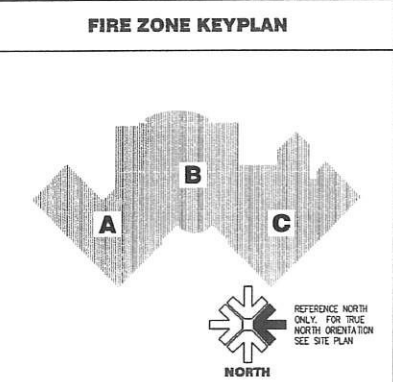
STRUCTURAL FRAME	0 HOUR
BEARING WALLS	0 HOUR
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
NON BEARING WALLS	0 HOUR
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR
FIRE WALL	2 HOUR
FIRE BARRIER (OCCUPANCY) WALL	1 HOUR



FIRE SPRINKLER SYSTEM REQUIREMENTS (NEW BUILDING NFPA 13)

- THESE DRAWINGS AND SPECIFICATIONS ARE FOR THE DIVISION 15 FIRE PROTECTION CONTRACTOR TO ENGINEER, DESIGN, BID AND INSTALL A COMPLETE AND OPERATIONAL FIRE PROTECTION SYSTEM PER THE DESIGN INTENT AS SHOWN.
- CONTRACTOR TO PROVIDE A HYDRAULICALLY-DESIGNED, FUSIBLE LINK, FULLY SPRINKLER, WET PIPE FIRE PROTECTION SYSTEM.
 - CONTRACTOR TO PROVIDE A HYDRAULICALLY-DESIGNED, FUSIBLE LINK, FULLY SPRINKLER, GLYCOL EXTENSION FOR ENTRANCE CANOPIES AND COVERED PLAY AREAS.
 - ALL DESIGN SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITIONS OF THE IBC, NFPA, NEC, UFGSI, IBC, IPC AND ANY OTHER LOCAL OR STATE REGULATIONS AND CODES, AS WELL AS INSTRUCTIONS FROM THE AUTHORITY HAVING JURISDICTION.
 - SUBMIT FIRE PROTECTION LAYOUT DRAWINGS AND CALCULATIONS TO FIRE MARSHAL HAVING JURISDICTION AND OBTAIN APPROVAL PRIOR TO SUBMITTING TO ENGINEERS FOR REVIEW. A PRE-APPROVED COPY MAY BE GIVEN TO THE ENGINEER FOR GENERAL APPROVAL OF SYSTEM LAYOUT, LOCATION OF COMPONENTS ETC., BUT THE ENGINEER WILL ONLY PROVIDE A FINAL APPROVAL STAMP AFTER THE FIRE MARSHAL'S APPROVAL. CONTRACTOR TO PAY ALL PERMIT/APPROVAL FEES AND COSTS INVOLVED.
 - SYSTEM DESIGN SHALL BE BASED ON THE FOLLOWING CRITERIA:
 - LIGHT HAZARD IN ALL AREAS, EXCEPT ORDINARY HAZARD GROUP I IN KITCHEN AREA.
 - DESIGN THE SYSTEM USING THE AREA/DENSITY METHOD IN NFPA 13.
 - A WATER DESIGN ANALYSIS AND FLOW TEST DATA, TESTED AT THE HYDRANTS IN THE NEAREST STREET, TO BE DETERMINED BY THE FIRE PROTECTION CONTRACTOR. THIS IS A STATE REQUIREMENT AND MUST BE COMPLETED WITH SUBMIT RESISTS TO THE FIRE MARSHAL ALSO.
 - PROVIDE COVERAGE FOR TWO FIRE ZONES, USING TWO FIRE RISER SYSTEMS.
 - PROVIDE INSPECTOR'S TEST CONNECTIONS IN LOCATIONS APPROVED BY THE OWNER AND THE FIRE MARSHAL.
 - ONE CONSIDERATION SHALL BE GIVEN TO THE LOCATION OF BUILDING ELEMENTS (I.E. BEAMS, COLLARS, LIGHT FIXTURES, ETC.) IN DETERMINING SPRINKLER HEAD SPACING AND ARRANGEMENT.
 - ALL EQUIPMENT, PIPING, COMPONENT, AND ACCESSORY SIZES, CAPACITIES AND TYPES SHOWN IN THESE DRAWINGS AND SPECIFICATIONS SHALL BE ADHERED TO.
 - AUXILIARY DRAINS SHALL BE INCLUDED AS NECESSARY TO DRAIN ALL SPRINKLER SYSTEM DISTRIBUTION LINES AND BRANCHES DOWNSTREAM OF THE RISER CHECK VALVE.
 - THE CONTRACTOR SHALL THOROUGHLY TEST, DISINFECT, AND FLUSH THE PIPING SYSTEM ACCORDING TO APPLICABLE CODES AND STANDARDS.
 - ANY DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONNECTIONS REQUIRED FOR INSTALLATION.
 - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL BUILDING INFORMATION SUCH AS ATTIC SPACES, CONSTRUCTION MATERIALS, SPECIAL USE SPACES, BUILDING SECTIONS, ETC.
- REFER TO ELECTRICAL DRAWINGS FOR CABLE TRAY LOCATIONS. DO NOT RUN PIPING BELOW CABLE TRAY AND MAINTAIN 6" CLEARANCE ABOVE CABLE TRAY. SEE DETAIL ON SHEET M001.
- THE AUTHORITY HAVING JURISDICTION FOR THIS PROJECT IS:
 NAME: STEVE HOLLEY
 PHONE: 1-801-383-0027
- SPRINKLER HEADS:
 - SPRINKLER HEADS FOR LIGHT HAZARD CLASSIFICATION SHALL BE QUICK RESPONSE TYPE PER NFPA 13. ALL OTHER CLASSIFICATIONS SHALL BE STANDARD RESPONSE TYPE.
 - GENERAL: ALL HEADS SHALL BE FACTORY MUTUAL APPROVED FOR APPLICATION AND INSTALLATION. MET OR DRY TYPE AS REQUIRED. CEILING ESCUTCHEONS MAY BE PLASTIC OR METAL 2 PIECE TYPE.
 - EXPOSED HEADS IN CEILING: SEMI-RECESSED TYPE WITH SATIN CHROME-PLATED FINISH. COORDINATE EXTENDED PENDENT HEAD USE WITH ARCHITECT PRIOR TO PURCHASE OR INSTALLATION.
 - EXPOSED HEADS IN SOUL CEILING: SEMI-RECESSED TYPE WITH SATIN CHROME-PLATED FINISH.
 - CONCEALED HEADS AND THOSE AREAS WITHOUT CEILING: UPRIGHT OR PENDANT TYPE WITH ROUND BRASS FINISH.
 - SPRINKLER HEADS IN ALL GREAT HALLS OPEN AT 165'-HEIGHT, EXCEPT THAT HEADS IN ELECTRICAL TRANSFORMER ROOMS, AND PHONE/BUS ROOMS SHALL BE RATED AT 212°F.
 - HEADS IN FREEZER/COOLER BOSES SHALL BE DRY PENDENT TYPE, AND SHALL BE OF COLOR TO MATCH CEILING.
 - PENDENT HEADS ON DRY SPRINKLER SYSTEM SHALL BE DRY PENDENT TYPE AND SHALL BE OF COLOR TO MATCH CEILING.
 - ORDERED DESIGN DRAWINGS SHOWING ALL EQUIPMENT, COMPONENTS, PIPING AND CONTROLS SHALL BE PREPARED TO THE SAME SCALE AS THESE DRAWINGS. DRAWINGS SHALL BE ON 1/4" X 11" SHEET AND BE DRAWN IN AUTOCAD. DISK COPIES SHALL BE PROVIDED TO THE OWNER AND ARCHITECT/ENGINEER.
 - DESIGN FOR SEISMIC ZONE II.
 - CONTRACTOR SHALL LOCATE P.V.V., RISERS, INCOMING SERVICE, ZONE VALVES AND FEED AND BRANCH MAINS IN LOCATIONS SHOWN ON THESE DRAWINGS.
 - THE WORKING DRAWINGS ARE DIAGRAMMATIC BECAUSE OF THE SMALL SCALE OF THE DRAWINGS. THEY DO NOT SHOW EVERY DETAIL, BEND OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL LOCATIONS FOR FIRE PROTECTION ITEMS SHALL BE CHECKED AND COORDINATED WITH THE ARCHITECTURAL, MECHANICAL, STRUCTURAL, AND ELECTRICAL DRAWINGS.
 - THE FIRE PROTECTION CONTRACTOR DOES NOT HAVE PRIORITY ON PIPE ROUTING. ALL PIPING TO BE FULLY COORDINATED WITH ALL PLUMBING, ELECTRICAL, AND ARCHITECTURAL REQUIREMENTS AND TRADES. RESOLVE POTENTIAL CONFLICTS BEFORE PROCEEDING WITH INSTALLATION. IN ALL CASES, GRADED PIPE RISES TAKE FIRST PRIORITY ON ROUTING. GENERALLY, DUCTWORK TAKES SECOND PRIORITY.
 - UPON COMPLETION OF THE WORK, REMOVE ALL SURPLUS MATERIALS AND RECESS. MAKE ALL REQUIRED PATCHING AND REPAIRS OF OTHER TRADES' WORK DAMAGED BY THIS CONTRACTOR, AND LEAVE THE PREMISES IN A CLEAN, ORDERLY CONDITION.
 - THE CONTRACTOR SHALL GUARANTEE THE ENTIRE FIRE PROTECTION SYSTEM FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.

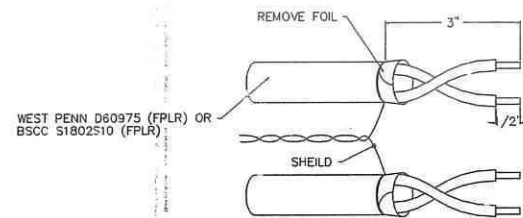
- GENERAL SHEET NOTES**
- No. DESCRIPTION
- SOUND SEAL ALL PENETRATIONS THROUGH WALLS BETWEEN CLASSROOMS, AND BETWEEN CLASSROOMS AND CORRIDORS.
- WALL LEGEND**
- SYMBOL DESCRIPTION:
- ONE HOUR FIRE BARRIER TO UNDERSIDE OF ROOF DECK OR TO 1 HOUR CEILING LID AS OCCURS.
 - TWO HOUR FIRE BARRIER TO UNDERSIDE OF ROOF DECK.
 - METAL STUD WALL WALL TO EXTENSIVE 4" MIN. ABOVE ADJACENT SUSPENDED CEILING.
- RATED ASSEMBLY LEGEND**
- 1 HOUR EXTERIOR WALL ASSEMBLY FOR 4'-0" ON EACH SIDE OF FIRE WALL.
 - 2 HOUR FIRE WALL 4'-0" PAST EXTERIOR WALL.
 - 1 HOUR CEILING ASSEMBLY PER DETAIL 05/A251.
 - 1 HOUR CEILING ASSEMBLY PER DETAIL A5/A251.



NORTH/ WEST LOGAN ELEMENTARY SCHOOL

1200 NORTH 400 WEST LOGAN, UTAH

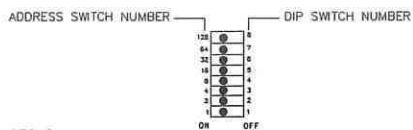
FP101



TYPICAL COMMUNICATION WIRING

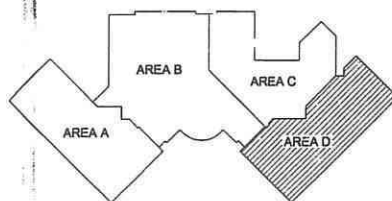
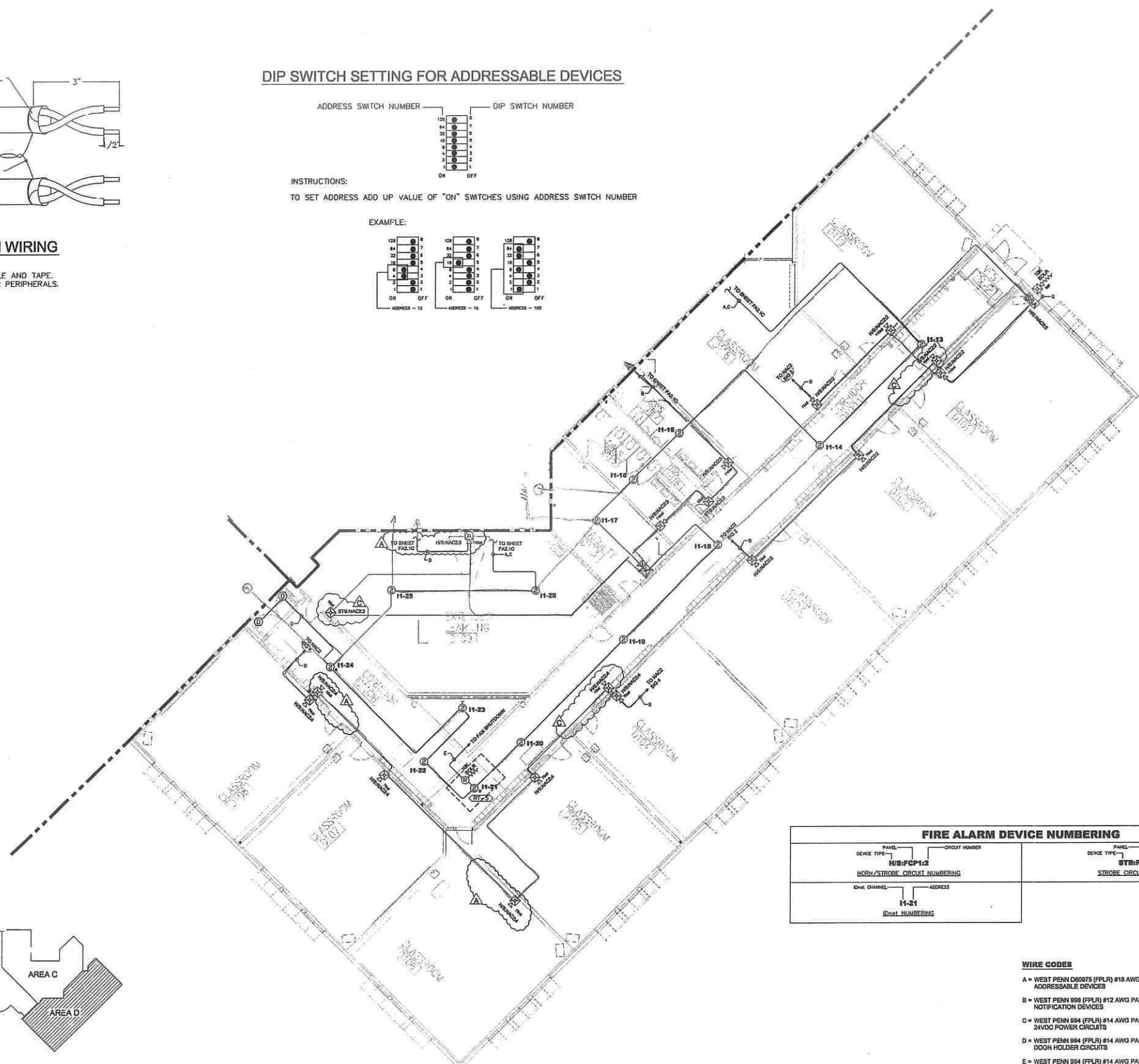
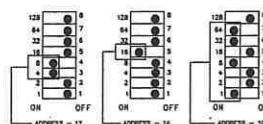
- NOTES:
1. TIE SHIELDS TOGETHER WRAP AROUND CABLE AND TAPE.
 2. DO NOT TIE SHIELD TO ELECTRICAL BOX OR PERIPHERALS.
 3. SHIELD MUST BE FREE OF GROUNDS
 4. SHIELD TO BE TERMINATED AT FCP ONLY.

DIP SWITCH SETTING FOR ADDRESSABLE DEVICES



INSTRUCTIONS:
TO SET ADDRESS ADD UP VALUE OF "ON" SWITCHES USING ADDRESS SWITCH NUMBER

EXAMPLE:

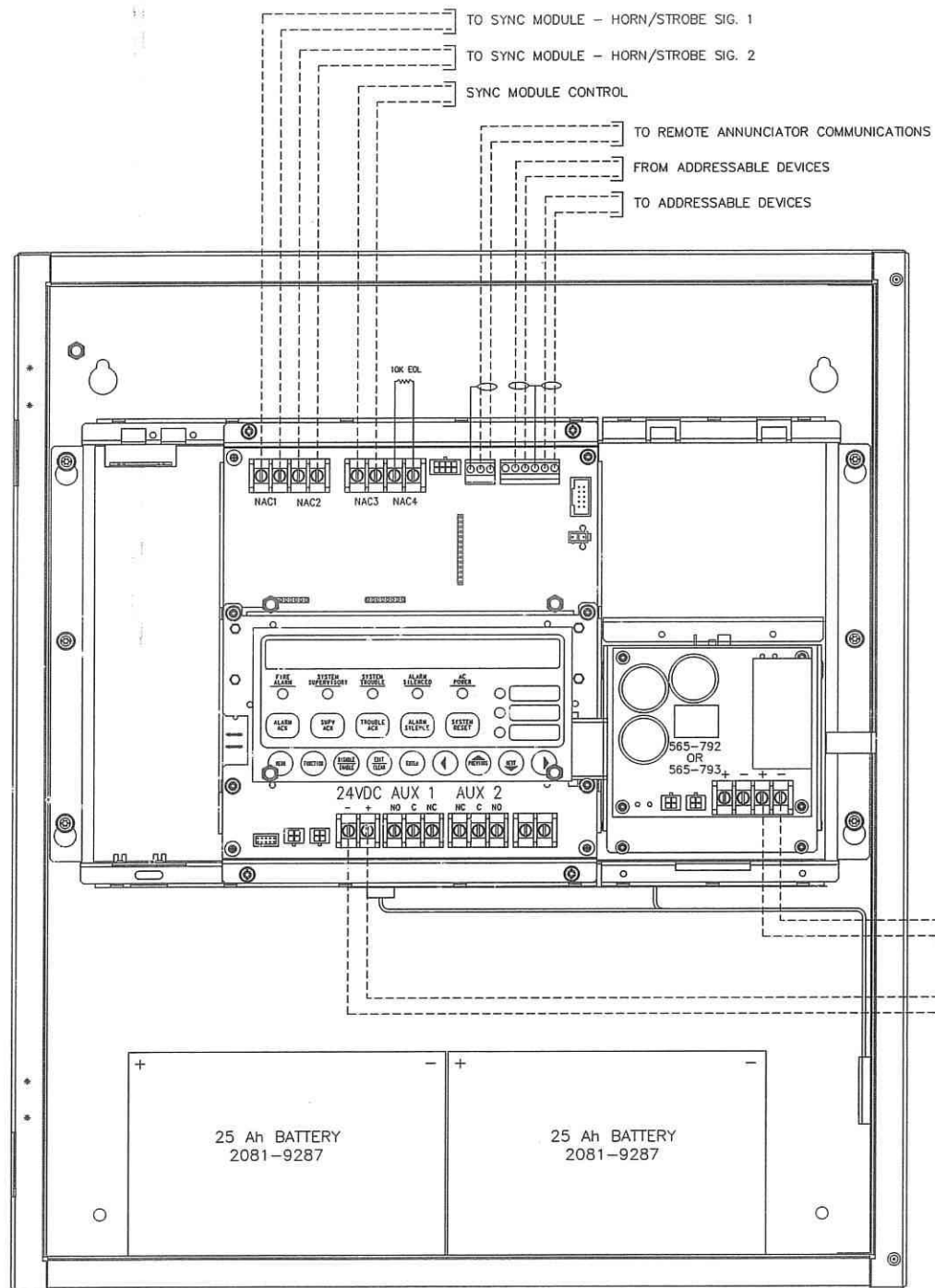


AREA "D" - FIRE ALARM PLAN

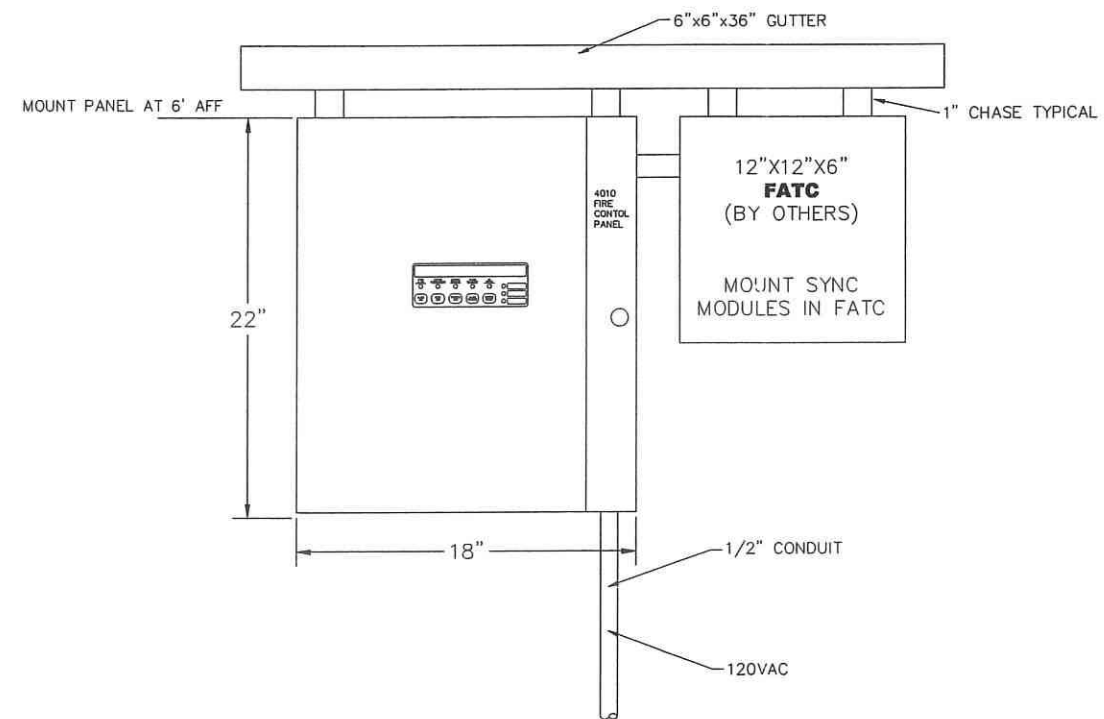
SCALE: 1/8" = 1'-0"

FIRE ALARM DEVICE NUMBERING			
DEVICE TYPE	PANEL	CIRCUIT NUMBER	DEVICE TYPE
HORN/STROBE CIRCUIT NUMBERING	N/S-FCP12		STB-FCP12
Device CHANNEL	ADDRESS	ADDRESS	STROBE CIRCUIT NUMBERING
Device NUMBERING			

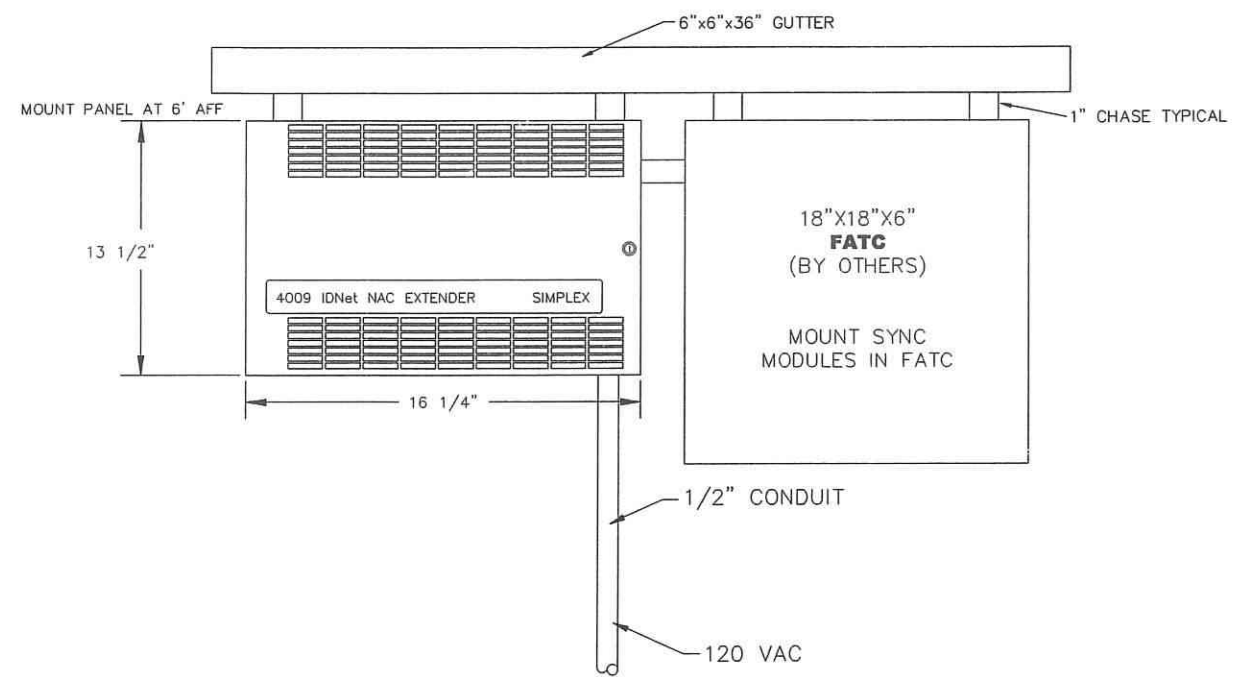
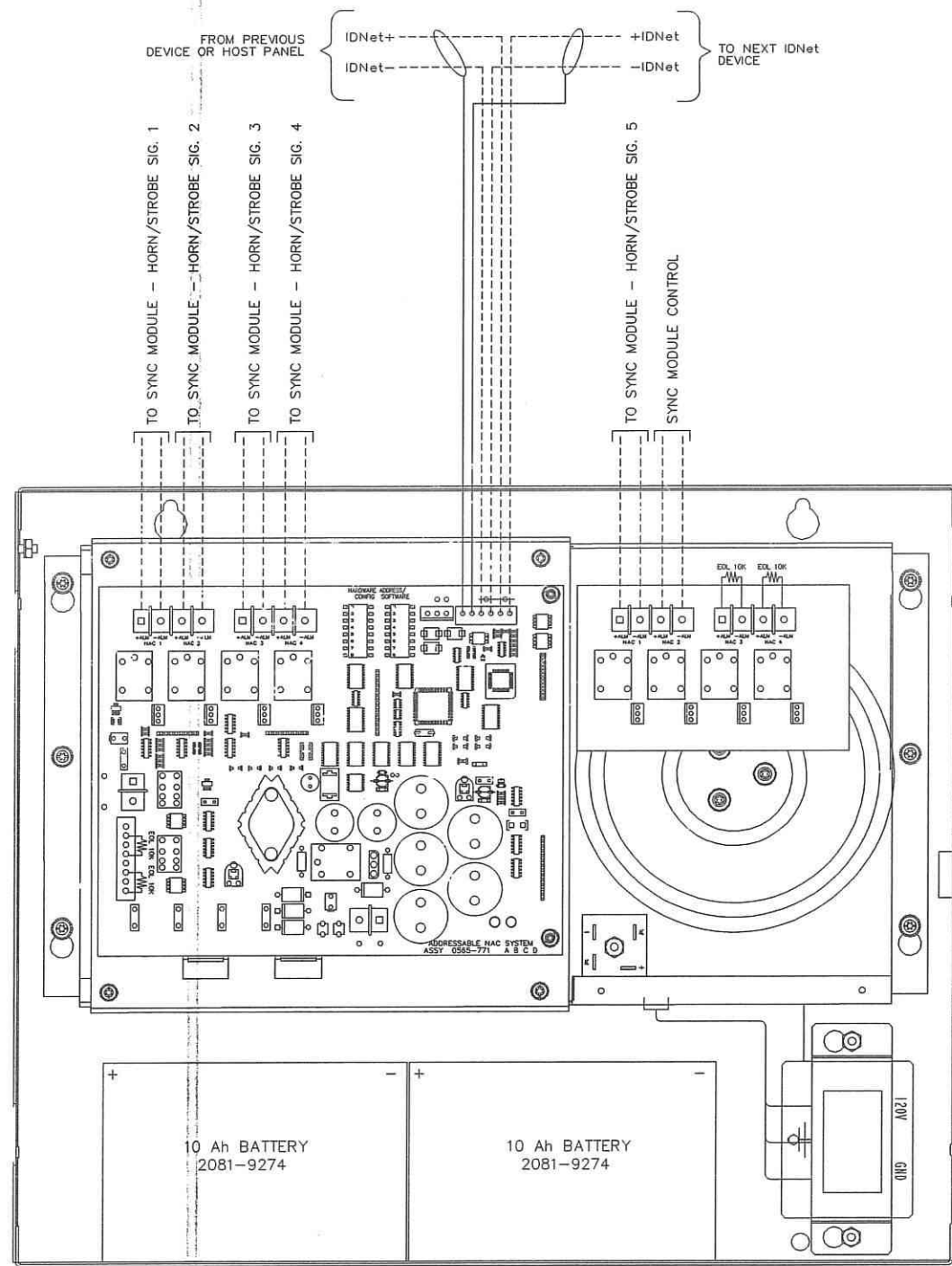
- WIRE CODES**
- A = WEST PENN D60975 (FPLR) #18 AWG TWISTED/SHIELDED PAIR FOR ADDRESSABLE DEVICES
 - B = WEST PENN 998 (FPLR) #12 AWG PAIR FOR NOTIFICATION DEVICES
 - C = WEST PENN 994 (FPLR) #14 AWG PAIR FOR 24VDC POWER CIRCUITS
 - D = WEST PENN 994 (FPLR) #14 AWG PAIR FOR DOOR HOLDER CIRCUITS
 - E = WEST PENN 994 (FPLR) #14 AWG PAIR FOR FAN/DAMPER CIRCUITS
 - F = WEST PENN 994 (FPLR) #14 AWG PAIR FOR INITIATING DEVICES
 - G = WEST PENN 980 (FPLR) #18 AWG PAIR FOR WEATHERPROOF HORN/STROBES & SYNC MODULE CONTROL



TO DUCT DETECTOR / RELAY 24VDC POWER / DOOR HOLDERS
 TO ANNUNCIATOR 24VDC POWER



4010 PANEL MOUNTING DETAIL



4009 PANEL MOUNTING DETAIL
(TYPICAL OF NAC1 AND NAC2)