PLUNKETT RAYSICH
ARCHITECTS, LLP

ADDENDUM NO. 01

PROJECT:	**Thoreau Elementary School Interior Renovations**
PRA PROJECT NUMBER:	**260027-01**
DATE:	**20 APRIL 2026**
SUBJECT:	**ADDENDUM NO. 01**
DISTRIBUTION:	All plan holders via MMSD District's website

Caleb Janus	MMSD
Mike MacDonald	MMSD
Stephanie Riggan	Design Engineers
Neil Gammon	Design Engineers
Scott Markowski	Trillium
Luis Ylizaliturri	PRA
Andy Reed, file	PRA

COMMENTS:

This Addendum to the Contract Documents is issued to modify, explain, or correct the original documents or any previously issued addenda to the original documents and is hereby made a part of the original Contract Documents, dated 04-01-2026. Please attach this Addendum to the Project Manual in your possession. Acknowledge receipt of this Addendum on your Bid Form / Proposal or your Bid may be rejected. Each bidder shall carefully read this Addendum in its entirety and thoroughly examine the Contract Documents to determine what extent all the various revisions will affect this work.

Respectfully submitted,

Andy Reed
Production Executive
ly

I. BIDDERS QUESTIONS / ANSWERS:

A. Question Received on 04-08-2026

1. **Question**: Corner Guards – The finish schedule calls it out as 3" wings. Al the rest of the corner guards are called out as ¾" wings. The 3" wings is custom, so I just wanted to verify if that is correct or if it was a type and ¾" wings are needed to match the rest. Please advise.

   Answer: CG-2 wing size to be 1-1/2".

2. **Question:** Door/Frame Fire Ratings. The door schedule calls for 20-minute. The frame elevations call for 45-minute. The door elevations show 20-minute. The wall seems to show a 1-hour rating, which I believe would need 45-min door/frames. Please clarify the rating required.

   Answer: Per table 716.1(2) of the 2021 International Building Code, doors in 1-hour rated fire partitions (corridor walls) are required to be 20 minute rated. Sidelights/Transom assembly rating in the door frames are required to be 45 minute rated. Drawings are correct, door 20-minute rated, frames and glass in frames to be 45-minute rated.

3. **Question:** The spec does not include anything for hardware. The plans list out generic hardware sets. Do you have a hardware spec you can forward? If not, please advise manufacturer/model/finish that matches existing.

   Answer: See attached for MMSD "Building Owner Standards" for door hardware. Also, see attached updated sheet A202 indicating updates to door hardware for project.

B. Questions received on 04-17-2026

1. **Question:** The interior partition type schedule calls for a vapor barrier; however, the specifications only list one type of vapor retarder under the thermal insulation section. The product specified appears to be a heavy-duty vapor retarder typically used under concrete slabs, which is significantly more expensive. I want to confirm whether this is the intended application for this condition. I'm looking for approval on a proposed product as an alternative.

   Answer: The intent for this condition is to provide moisture protection from condensation when the LMC is at 70 degrees (A/C on) and the Corridor (no A/C) is at 90 degrees on a warm day. MMSD has requested a "visqueen" type product. The proposed product provided as an alternative (Flame Retardant Polyethylene Film, 6 mil) is an acceptable substitute.

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II. ARCHITECTURAL DRAWINGS:

A. 000 – TITLE SHEET

1. ADD: Add sheet "S100 – ROOF FRAMING PLAN" to the Sheet Index as shown on attached revised sheet 000.

B. A202 – INTERIOR ELEVATIONS, INTERIOR DETAILS, DOOR INFORMATION & SCHEDULES

1. REVISE: Revise Door Hardware Groups HG-01 & HG-02 as shown on attached revised sheet A202.
2. REVISE: Revise Material Schedule (CG-2) as shown on attached revised sheet A202.
3. REMOVE: Remove TWC-1 from the project as shown on attached revised sheet A202.
4. REVISE: Revise detail C3/A202 as shown on attached revised sheet A202.
5. REVISE: Revise detail C4/A202 as shown on attached revised sheet A202.
6. REVISE: Revise detail D5/A202 as shown on attached revised sheet A202.

III. STRUCTURAL DRAWINGS:

A. S100 – ROOF FRAMING PLAN

1. ADD: Add sheet S100 to the project, see attached for sheet S100.

IV. ELECTRICAL DRAWINGS:

A. E200 – PARTIAL ELECTRICAL PLANS

1. REVISE: Revise plans as shown on attached revised sheet E200.

B. E500 – ELECTRICAL SCHEDULES, CONTROLS AND DETAILS

1. REVISE: Revise sheet as shown on attached revised sheet E500.

ATTACHMENTS:

MMSD – BUILDING OWNER STANDARDS – DOOR HARDWARE	8.5x11, 5 pages
000 – TITLE SHEET	30x42, 1 sheet
A202 – INTERIOR ELEVATIONS, INTERIOR DETAILS, DOOR INFO. & SCHEDULES	30x42, 1 sheet
S100 – ROOF FRAMING PLAN	30x42, 1 sheet
E200 – PARTIAL ELECTRICAL PLANS	30x42, 1 sheet
E500 – ELECTRICAL SCHEDULES, CONTROLS AND DETAILS	30x42, 1 sheet

END OF ADDENDUM NO. 01

Building Owner Standards

Facility Standards for:

MADISON METROPOLITAN SCHOOL DISTRICT – BLDG SVCS

Date Adopted into Standards: **04/15/2024**

To Whom It May Concern:

Attached you will find a selection of door hardware products and/or applications that were determined to be appropriate and desired for this facility by the Madison Metropolitan School District.

These products were selected for their unique characteristics, continuity of design, and ability to provide consistent reliable service. Our staff has spent considerable time selecting these products and directs you include them as “building standards” for this facility.

Professional specification expertise including complete hardware sets, function statements, wiring diagrams as well as coordination with security and electrical consultants, that will honor our “standards” is available for this facility from:

Allegion
Chicago - Project Sales
947 W. Hawthorn Drive
Itasca, IL 60143

_____

Facility representative signature & title here

Division 8 / Division 28 Openings

Date: 04/15/2024

Facility Name: MADISON METROPOLITAN SCHOOL DISTRICT - BLDG SVCS

Project Name:

Address: 4711 PFLAUM RD MADISON, WI 53718

Contact: Mr. Chad Worrall

Email: Chad W Worrall cwworrall@madison.k12.wi.us

Telephone: (office) 608-204-4012 (Mobile) 608-622-6928

Attention Architects, design professionals, specification writers, contractors, and other parties!

The Madison Metropolitan School District has adopted and standardized on the use of Allegion Overtur for the division 8 section 8700 specification writing of all projects. It is the school district's desire and intent that all parties familiarize themselves with the Allegion Overtur collaboration software and utilize Overtur to the extent designed in achieving the project results required by the Madison Metropolitan School District and Authority Having Jurisdiction (AHJ).

All projects are to use the following door and finish hardware products in new construction and renovation. Any variations to the below listed products must be formally submitted and approved in writing to the Madison Metropolitan School District, Attn: Mr. Chad Worrall.

Category	Brand	Series/Model	Specify As	Comments
Access Control (Head-End) System	Electronic Preferences	ECS-OT	No Substitute	Salto networked (provided by Division 28)
Readers	Electronic Preferences	Salto – (No keypad inclusion unless approved by owner)	No Substitute	(provided by Division 28)
ID Card Technology	Salto	Salto-ECS	No Substitute	(provided by Division 28)
Electronic Locks	Electronic Preferences	Salto XS4 Mini - (No keypad inclusion unless approved by owner)	No Substitute	(provided by Division 28)
Auto Doors/Power Operators			No Substitute	LCN 9500 series Senior Swing
Door Closers	LCN	4040XP	No Substitute	LCN 4040XP, EDA, HEDA, SCUSH, etc. Heavy Duty Parallel Arm
Electric Strikes	ASSA ABLOY	HES - ECS	Preferred	HES 5200 Series
Electric Strikes	Von Duprin	5100 Strike	Acceptable	Von Duprin 5100 Series

Electric Strikes	ASSA ABLOY	HES - ECS	Preferred	9400 RIM Strike, 1/2" preferred, 3/4" for Fire Rated openings only.
Electric Strikes	Locknetics	Locknetics RS210-32D 1/2" preferred, RS310-F-32D 3/4" for Fire Rated openings only	Acceptable	Locknetics RS210-32D 1/2" preferred, RS310-F-32D 3/4" for Fire Rated openings only
Cylinders and Keys	Schlage - C keyway (interior) / Primus RP Only (exterior)	Cylinder	No Substitute	Schlage RP Primus System Only on exterior openings / Structure KS45828, Primus #P03127, FSIC,
Commercial Locks	Schlage Commercial	ND Series	No Substitute	Schlage ND Series, Rhodes Lever w/Vandalguard, 626 finish, FSIC
Exit Devices	Von Duprin	98/99	No Substitute	Von Duprin 99 Series. (Salto approved for Salto access control configurations on Rated doors only)
Hinges	Ives / GJ Commercial	5 knuckle - HW Ball Bearing	Preferred	Heavy Weight Ball Bearing, Ives 5BBHW, Stainless Steel on All Exterior Openings, US32D, NRP on vulnerable security applications
Hinges	HAGER COMPANIES	5 knuckle - HW Ball Bearing	Acceptable	Heavy Weight Ball Bearing, Stainless Steel on All Exterior Openings, US32D, NRP on vulnerable security application
Hinges	HAGER COMPANIES	HAGER COMPANIES	Preferred	Continuous Geared
Hinges	Ives Commercial	Continuous Hinges - Geared	Acceptable	Ives X-Y continuous geared
Accessories	Ives Commercial	Coordinators	No Substitute	Ives COR series, 628 finish
Accessories	Rockwood	Exterior/Interior Doors Requiring Kick Plates	Preferred	1" LDW on meeting pairs, 2" LDW on single openings 630 finish, UL listed if over 16" mounting height

Accessories	Ives Commercial	Exterior/Interior Doors Requiring Kick Plates	Acceptable	1" LDW on meeting pairs, 2" LDW on single openings 630 finish, UL listed if over 16" mounting height
Accessories	Rockwood	Rockwood-ACCY	Preferred	Wall stop
Accessories	Ives Commercial	Floor/Wall Stops/Bumpers/Silencers	Acceptable	Ives WS401/402CCV

This facility utilizes Allegion as their consultants for doors and finish hardware. It is required by Madison Metropolitan School District that the Architect, Designer, and/or Specification Consultant contact Allegion to specify the doors and hardware for all projects.

This facility requires hardware installers to be trained and that hardware installation be inspected by Allegion prior to job completion turn-over. All project associated installation personnel are to be trained in the installation and adjusting/services of the above scheduled material.

Madison Metropolitan School District

Thoreau Elementary School Interior Renovations

3870 NAKOMA ROAD - MADISON, WISCONSIN 53711

PLUNKETT RAYSICH
ARCHITECTS, LLP

209 south water street, milwaukee, wisconsin 53204 t 414 359 3060
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 240 9900
1970 main street, suite 201, sarasota, florida 34236 t 941 444 8845
220 industrial boulevard, suite 101, austin, texas 78745 t 512 851 1900
327 E 4th street, suite 204, waterloo, iowa 50703 t 319 233 1163

SHEET INDEX

PROJECT INFORMATION

PROJECT DATE: 04/01/2026
PRA PROJECT NUMBER: 260027-01
MMSD PROJECT NUMBER: 023-2026_IMC RENOVATION
DRAWING SET: BID DOCUMENTS

APPLICABLE CODES AND ZONING

2025 WISCONSIN COMMERCIAL BUILDING CODE (SPS 361-366)
2021 INTERNATIONAL EXISTING BUILDING CODE
2021 INTERNATIONAL BUILDING CODE
EDUCATION OCCUPANCY, GROUP E

ZONING: CITY OF MADISON ORDINANCES

CONSTRUCTION CLASSIFICATION

ALTERATION (LEVEL 02)
TYPE OF CONSTRUCTION, TYPE IIB - NON-SPRINKLERED

SCOPE OF WORK

SCOPE OF WORK INVOLVES CONVERTING EXISTING "OPEN CONCEPT" LIBRARY SPACE INTO ENCLOSED RESOURCE SPACE WITH EXIT CORRIDORS. BUILDING IS NOT SPRINKLERED, NEW GYPSUM BOARD PARTITION IN THE WORK AREA BETWEEN CORRIDOR AND RESOURCE SPACE TO BE 1-HOUR FIRE RATED PARTITION. SCOPE OF WORK INCLUDES DEMOLITION OF EXISTING INTERIOR GYPSUM BOARD PARTITIONS, NEW FIRE RATED DOORS & FRAMES, NEW FIRE RATED BORROWED LITES, NEW GYPSUM BOARD PARTITIONS (RATED WHERE REQUIRED), NEW INTERIOR FINISHES, NEW ROOF TOP MECHANICAL EQUIPMENT & DUCTWORK TO PROVIDE A/C TO RESOURCE SPACE AND NEW ELECTRICAL OUTLETS, LIGHTING AND CONTROLS.

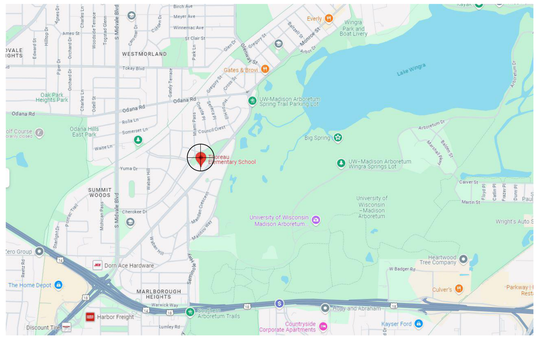
BUILDING AREA

OVERALL FOOTPRINT	+/- 31,250 SF	
EXISTING BUILDING - LOWER LEVEL	+/- 27,500 SF	
LEVEL 02 ALTERATION	0 SF	**0.0%**
EXISTING BUILDING - FIRST FLOOR	+/- 31,250 SF	
LEVEL 02 ALTERATION	3,360 SF	**10.7%**

OCCUPANT LOAD

OCCUPANT LOAD FOR BUILDING IS UNCHANGED DUE TO SCOPE OF WORK. EXISTING LIBRARY CALCULATED OCCUPANT LOAD OF 48 OCCUPANTS. NEW RESOURCE SPACE IS SAME FUNCTION AS EXISTING LIBRARY WITH OCCUPANT OF 48 OCCUPANTS.

PROJECT LOCATION



PROJECT TEAM

STRUCTURAL
TRILLIUM ENGINEERING GROUP TEL(207) 272-5966

MECHANICAL
DESIGN ENGINEERS TEL(608) 424-8815

ELECTRICAL
DESIGN ENGINEERS TEL(608) 424-8815

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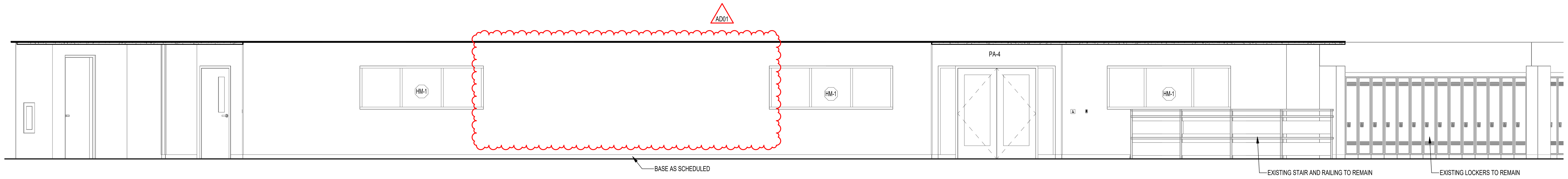
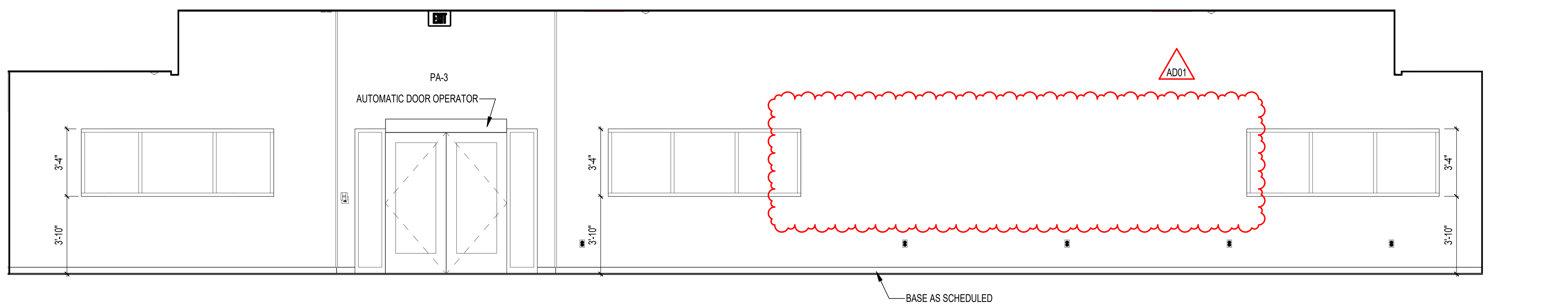
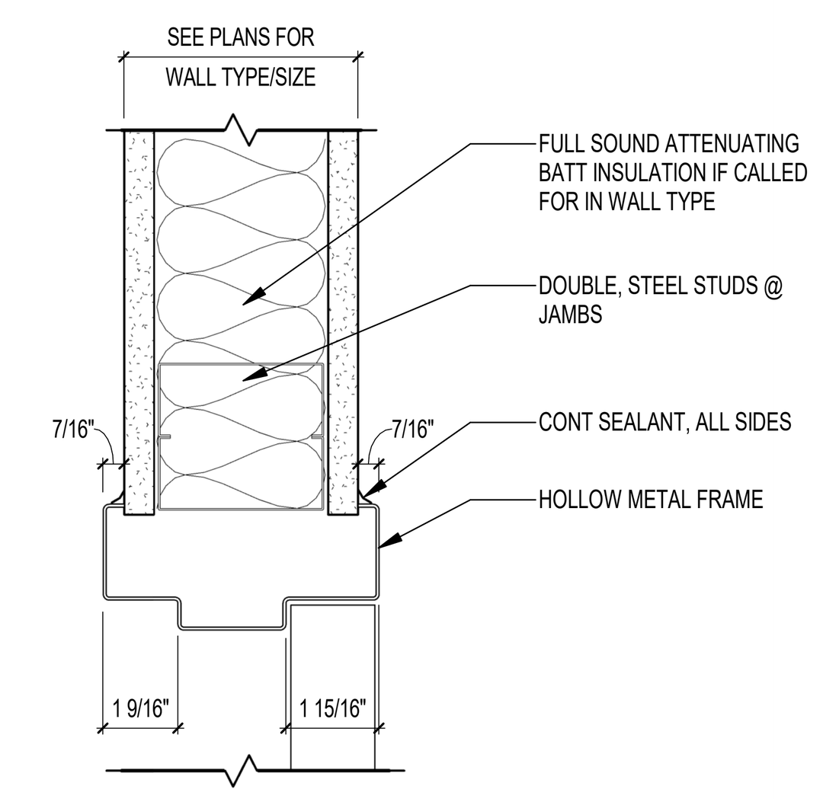


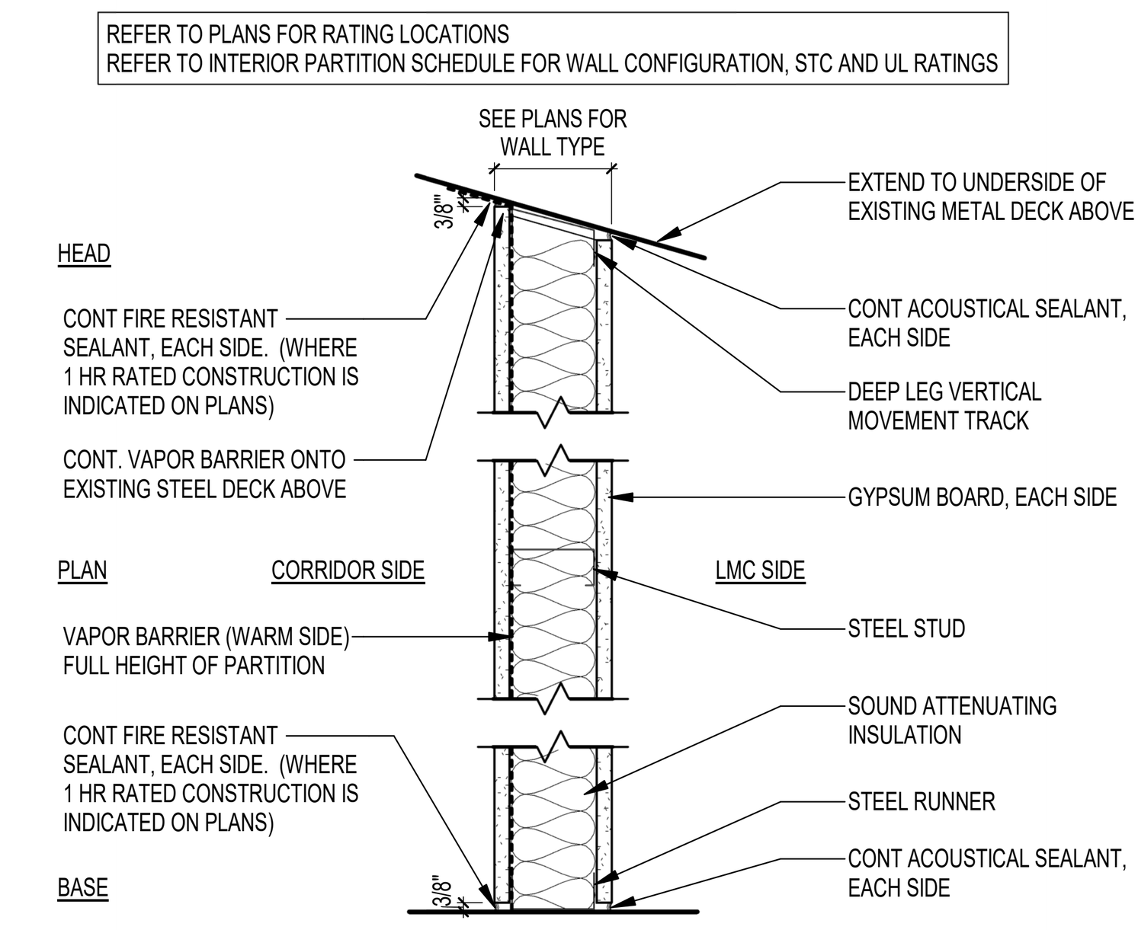
B1 **CORRIDOR - 121 (SOUTH)**
1/4" = 1'-0"



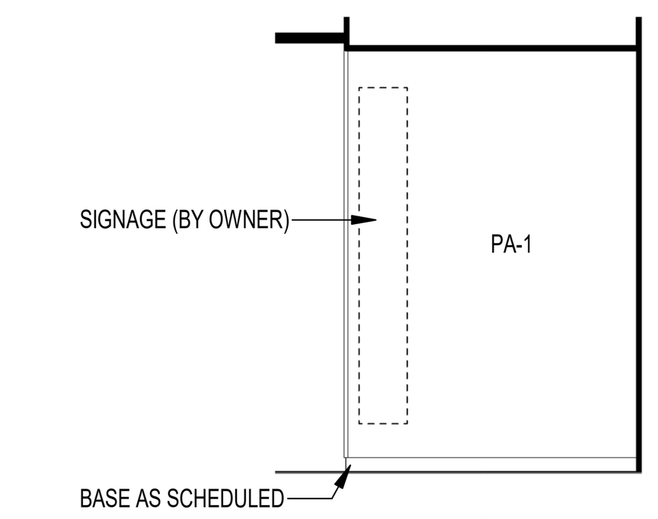
C1 **RESOURCE - 108 (NORTH)**
1/4" = 1'-0"



B4 **HM DOOR FRAME HEAD @ STL STUD PARTITION**
3" = 1'-0"



B5 **(B SERIES) INTERIOR PARTITION**
1 1/2" = 1'-0"



B6 **INTERIOR ELEVATION - CORRIDOR 121 (SIDE WALL AT DOOR 108)**
1/4" = 1'-0"

INTERIOR ELEVATION SYMBOLS LEGEND

DTL/SHT — INTERIOR DETAIL REFERENCE

X — INTERIOR ELEVATION NOTE

INTERIOR ELEVATION GENERAL NOTES

A. INTERIOR ELEVATION DIMENSIONS ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL.

CASEWORK GENERAL NOTES

A. REFER TO ROOM FINISH AND MATERIAL SCHEDULES FOR PLASTIC LAMINATE SELECTIONS.

B. PROVIDE BASE, AS LISTED IN ROOM FINISH SCHEDULE, AT ALL CASEWORK.

C. PROVIDE GROMMETS IN CASEWORK COUNTERTOPS WHEREVER ELECTRICAL OR COMMUNICATIONS OUTLETS ARE INDICATED IN KNEE SPACE BELOW. VERIFY LOCATION IN FIELD.

D. ROUND ALL OUTSIDE CORNERS OF COUNTERTOPS WITH MINIMUM 1-1/2" RADIUS UNLESS NOTED OTHERWISE.

E. PROVIDE 1-1/2" (MINIMUM) FILLERS AT PERPENDICULAR JUNCTION OF ALL CABINETS AND AT PERPENDICULAR JUNCTURE WITH ADJACENT WALL(S), UNLESS NOTED OTHERWISE. SCRIBE ALL EDGES AND APPLY SEALANT TO JOINTS.

F. PROVIDE SEALANT BETWEEN BACKSPLASH / SIDE SPLASH OR COUNTERTOP AND WALL.

G. ALL SHELVING IN CASEWORK TO BE ADJUSTABLE UNLESS NOTED OTHERWISE.

H. SEE KEY TO ABBREVIATIONS FOR ADDITIONAL CASEWORK AND EQUIPMENT ABBREVIATIONS.

I. ALL FILE CABINETS TO ACCOMMODATE PENDAFLEX FILE SYSTEM.

DOOR SCHEDULE

DOOR NUMBER	ROOM NUMBER	ROOM NAME	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLASS	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	ASSEMBLY RATING	HARDWARE GROUP	COMMENTS	REV
PARTIAL FIRST FLOOR PLAN														
108	108	RESOURCE	3'-0"W / 3'-0"W x 7'-0"H	FG : 6	WD	STN-1	FGT	FR4 : A	HM	PAS-2	20 MIN	HG-01		
108.1	108	RESOURCE	3'-0"W x 7'-0"H	N : 8	WD	STN-1	FGT	FR1 : A	HM	PAS-2	20 MIN	HG-02		

GENERAL DOOR NOTES:

A. ALL METAL DOORS FRAMES AND MISC. METAL TO BE PAINTED PAS-2, TO MATCH EXISTING CONDITIONS, UNLESS OTHERWISE NOTED.
B. ALL WOOD DOORS TO BE STAINED STN-1.
C. DOOR NUMBER IS IDENTICAL TO NUMBER OF ROOM IN WHICH DOOR OCCURS. IN CASES OF MULTIPLE DOORS IN ONE ROOM, SUFFIXES ARE ADDED TO DOOR NUMBER.
D. ALL DOORS ARE 1-3/4" THICK, UNLESS NOTED OTHERWISE.
E. ALL DOORS RECEIVING PANIC HARDWARE - LITES TO BE 3'-6" AFF MINIMUM FOR HARDWARE CLEARANCE BELOW LITE.

GLAZING SCHEDULE:

FG FIRE-RATED SAFETY GLASS
FGT FIRE-RATED SAFETY GLASS - FULL TEMPERED
MG MONOLITHIC FLOAT GLASS
MGT MONOLITHIC FLOAT GLASS - FULLY TEMPERED

AD01

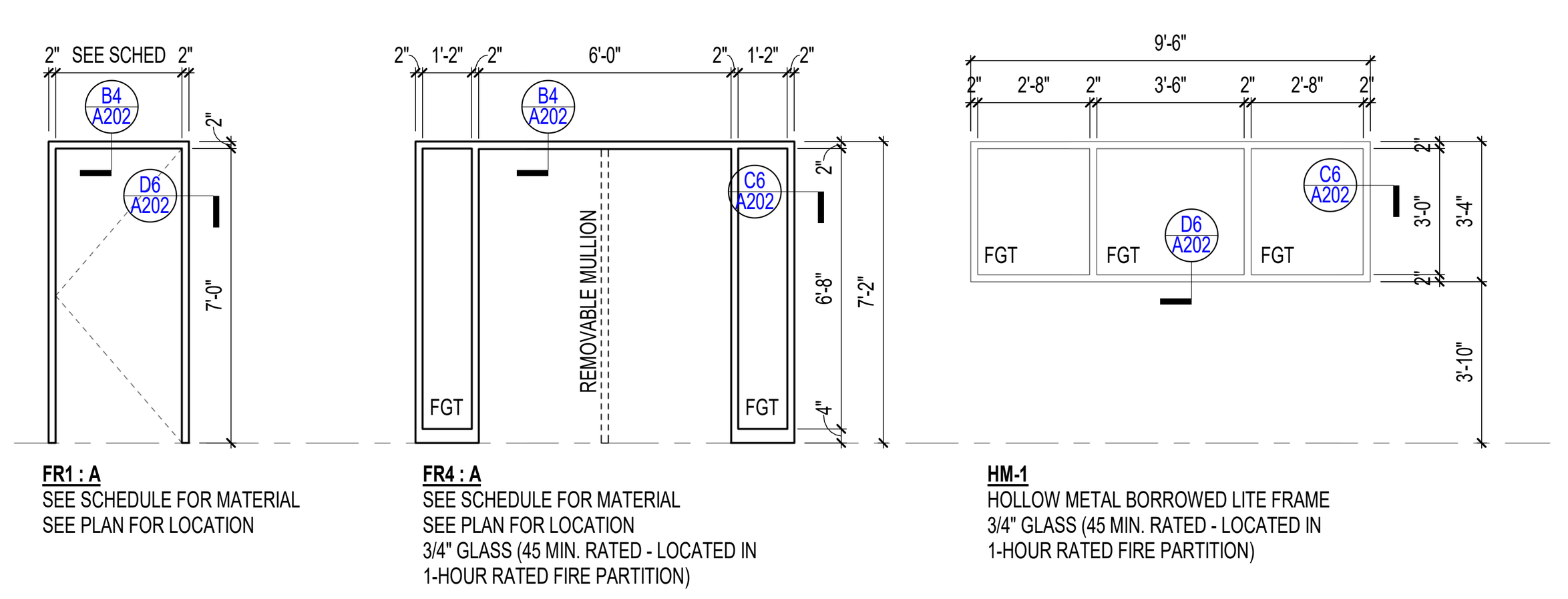
DOOR HARDWARE GROUPS:

KEYING, HARDWARE STYLE, FINISH, MANUFACTURER TO MATCH MMSD STANDARDS

HG-01
- 3 BUTT HINGES
- CLOSER WITH STOP (ON ONE DOOR, LCN 4040XP WITH EDA ARM) ON OTHER DOOR, LCN SENIOR SWING AUTO OPERATOR WITH AN ON/OFF SWITCH)
- REMOVABLE MULLION (WITH CYLINDER LOCK)
- EXIT DEVICE (VON DUPRIN 99 RIM PANIC BARS)
- * CARD READER (TO ELECTRIC LOCK IN EXIT DEVICE - INCLUDE POWER TRANSFER TO DOOR)
- * LEVER HANDLE (CORRIDOR SIDE)
- NON-ELECTRIFIED DOOR (LEFT DOOR) TO HAVE KEYED RELEASE ON EXIT DEVICE

HG-02
- 3 BUTT HINGES
- CLOSER (LCN 4040XP WITH EDA ARM)
- EXIT DEVICE (VON DUPRIN 99 RIM PANIC BAR)
- * LEVER HANDLE LOCK SET
- WALL STOP
- * CARD READER

* OWNER PROVIDED; CONTRACTOR TO PROVIDE POWER & PREP DOOR / FRAME AS REQUIRED

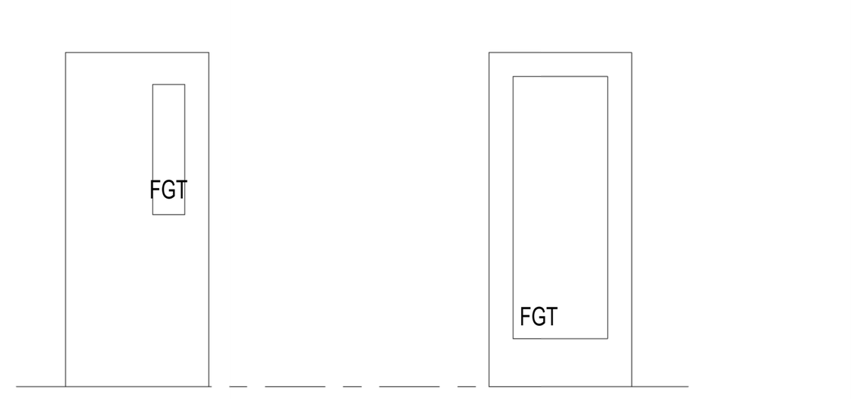


FR1 : A
SEE SCHEDULE FOR MATERIAL
SEE PLAN FOR LOCATION

FR4 : A
SEE SCHEDULE FOR MATERIAL
SEE PLAN FOR LOCATION
3/4" GLASS (45 MIN. RATED - LOCATED IN 1-HOUR RATED FIRE PARTITION)

HM-1
HOLLOW METAL BORROWED LITE FRAME
3/4" GLASS (45 MIN. RATED - LOCATED IN 1-HOUR RATED FIRE PARTITION)

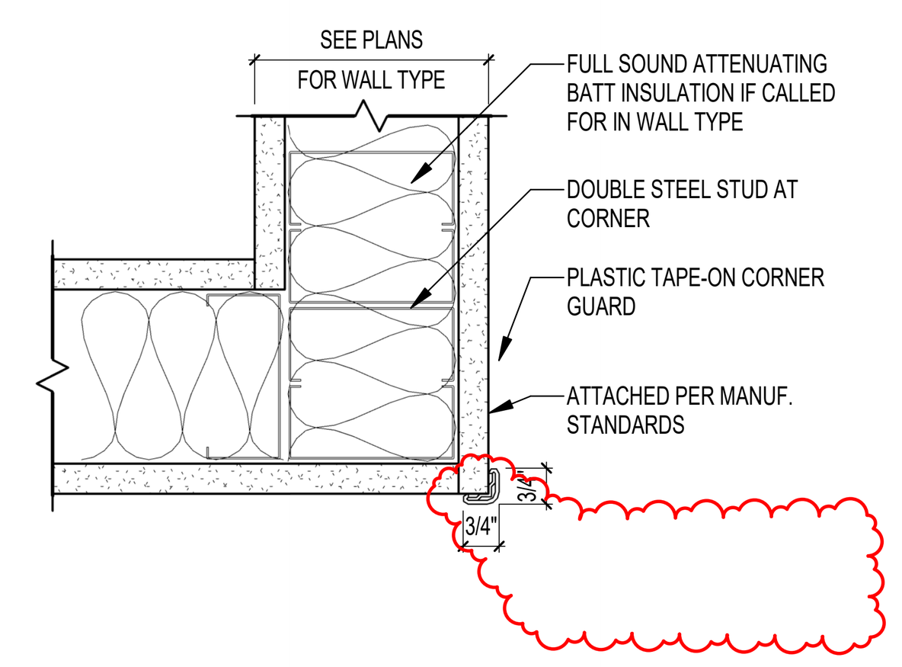
FRAME TYPES



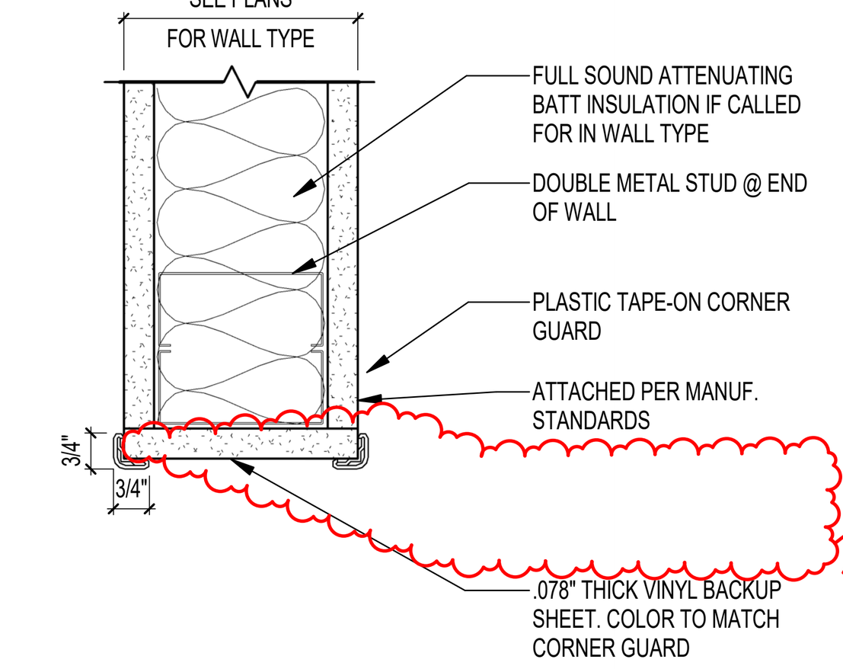
N : 8
FLUSH DOOR
W/ NARROW GLASS
1/4" GLASS (20 MIN. RATED - LOCATED IN 1-HOUR FIRE PARTITION)

FG : 6
FLUSH DOOR
W/ FULL GLASS
1/4" GLASS (20 MIN. RATED - LOCATED IN 1-HOUR FIRE PARTITION)

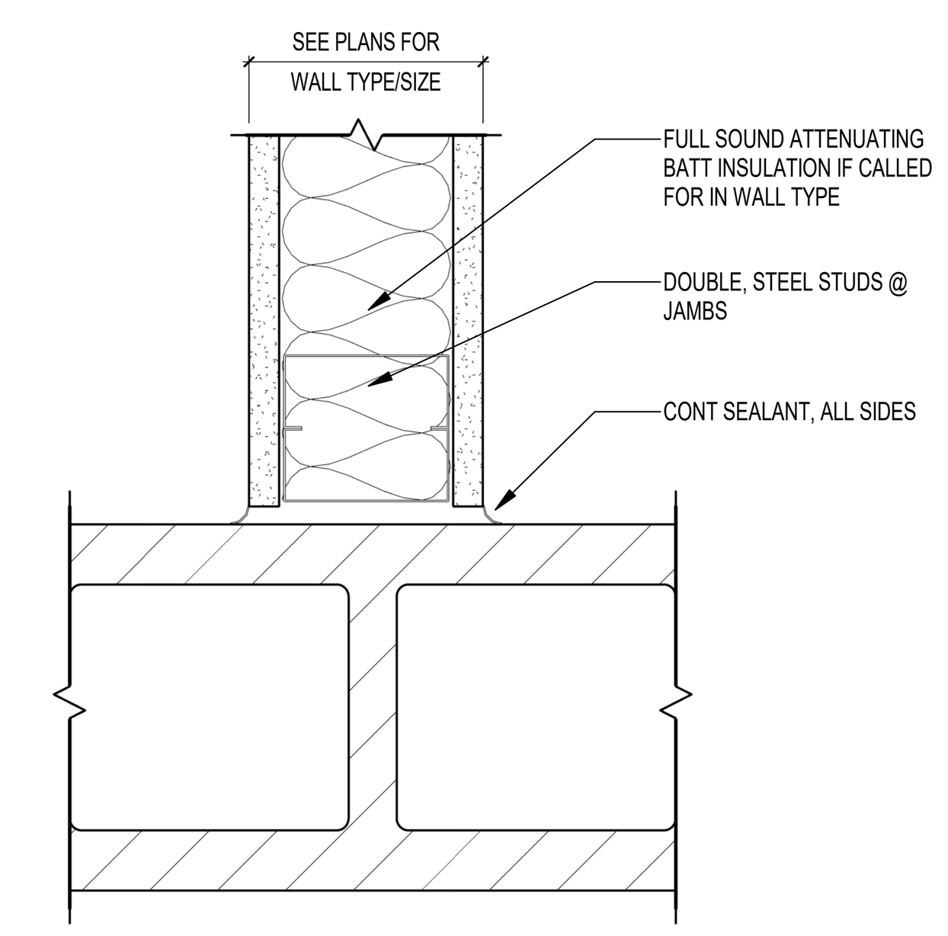
DOOR TYPES



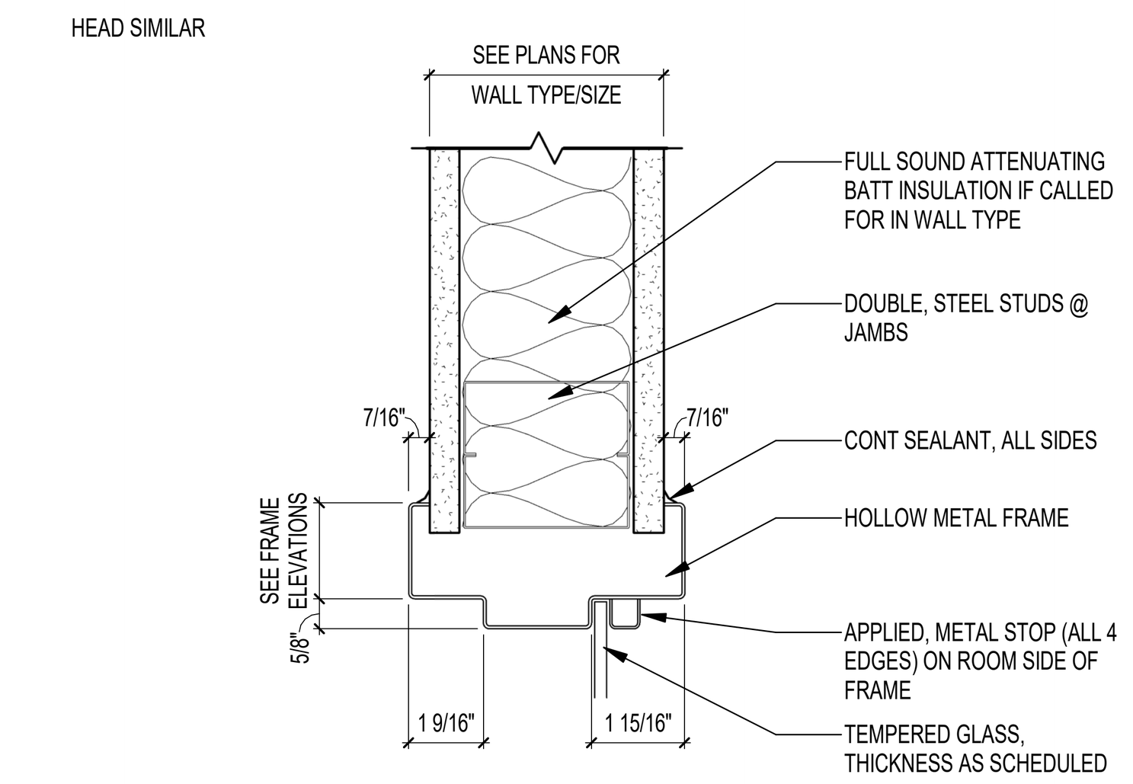
C3 **CORNER GUARD**
3" = 1'-0"



C4 **CORNER GUARD @ ENDWALL (DUAL)**
3" = 1'-0"



C5 **EXTG CMU INTERSECTION @ STL STUD PARTITION**
3" = 1'-0"



C6 **HM FRAME JAMB @ STL STUD PARTITION**
3" = 1'-0"

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH NORTH	WALL FINISH EAST	WALL FINISH SOUTH	WALL FINISH WEST	CEILING TYPE	CEILING FINISH	COMMENTS	REV
PARTIAL FIRST FLOOR PLAN											
108	RESOURCE	C-1	RB-1	PAT-1,3	PAT-1,3	PAT-1,3	PAT-1,3	SUSP/GYP	AC-1/PAT-4	1,2	
108C	GROUP LEARNING	C-1	RB-1	--	--	PAT-1	PAT-1	SUSP/GYP	AC-1/PAT-4	3	
108E	TEACHERS ROOM	C-1	RB-1	PAT-1	PAT-1	PAT-1	PAT-1	SUSP	AC-1	--	
121	CORRIDOR	C-1/EXTG	RB-2/EXTG	--	PAT-1	PAT-1,4	PAT-1	SUSP/GYP	AC-1/PAT-1	1,2,4,5	
121A	CORRIDOR	C-1	RB-2	PAT-1	--	PAT-1	PAT-1	SUSP/GYP	AC-1/PAT-1	4,5	

PAINTING SCHEDULE

PAF = GLOSS LEVEL 1
PAE = GLOSS LEVEL 3
PAT = GLOSS LEVEL 4

ROOM FINISH GENERAL NOTES:

A. REFER TO FLOOR PLANS AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
B. ALL FACES AND UNDERSIDES OF SOFFITS TO BE PAINTED THE SAME COLOR.
C. PAINT ALL MISC. METAL/GRILLES, ETC. TO MATCH PAINT OF ADJACENT WALL.
D. PROVIDE CORNER GUARDS CG-1,2,3 FULL HEIGHT AS INDICATED ON THE FLOOR PLAN.
E. PRIOR TO FLOORING INSTALLATION, SCHEDULE A PRE-INSTALLATION CONFERENCE ON SITE WITH INTERIOR DESIGNER TO COORDINATE FLOORING LAYOUT.
F. PROVIDE A FLUSH TRANSITION BETWEEN FLOORING MATERIALS OF VARYING HEIGHTS. PROVIDE FEATHERING OF LEVELING COMPOUND OR SUBFLOOR LEVELING STRIPS BY JOHNSONITE AS NECESSARY. IF NEEDED PROVIDE TRANSITION STRIPS AND REDUCERS AS NECESSARY. PRIOR TO FLOORING INSTALLATION, SUBMIT SAMPLES OF PROFILE TO INTERIOR DESIGNER FOR APPROVAL AND COLOR SELECTION.
G. INSTALL CARPET C-1 ASHLAR PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR FINISH PLAN FOR INSTALLATION DIRECTION.
D. AT AREAS WHERE FLOORING IS INDICATED TO ALIGN WITH AN ARCHITECTURAL ELEMENT SUCH AS COLUMN OR PILASTER, ETC., EDGE OF FLOORING TO ALIGN WITH EDGE OF FINISHED INSTALLED BASE.

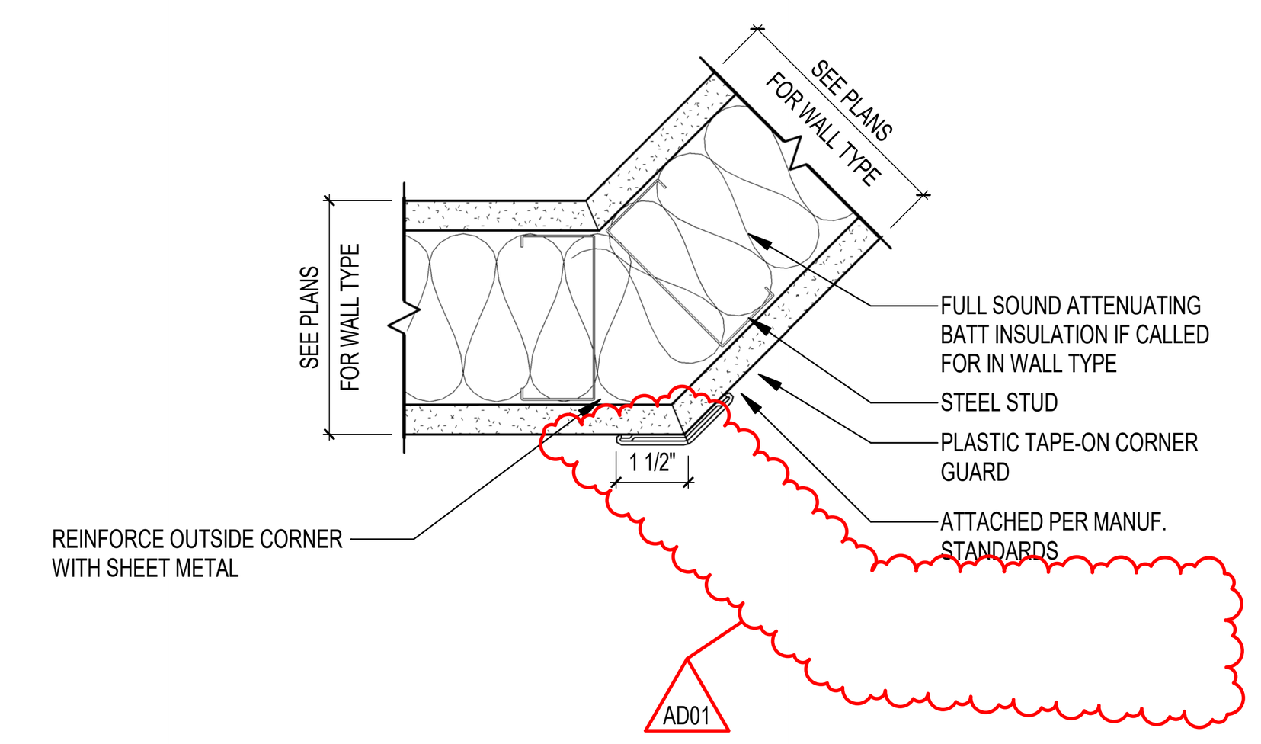
ROOM FINISH SCHEDULE COMMENTS:

1. PATCH TO MATCH EXISTING MATERIALS AND FINISHES, AS NECESSARY.
2. PROVIDE 4'-0" X 8'-0" TACKABLE WALLCOVERING TWC-1, FRAME EDGES WITH ALUMINUM J-TRIM. REFER TO ELEVATIONS.
3. APPLY PAT-3 FINISH TO EXISTING COLUMNS.
4. APPLY PAT-1 FINISH TO NEW CONSTRUCTION WALLS. APPLY PAT-4 ACCENT FINISH TO MAIN ENTRANCE WALL. REFER TO THE FLOOR PLAN FOR FINISH EXTENTS ON EXISTING WALLS AND ACCENT WALLS.
5. PROVIDE TS-1 BETWEEN CARPET C-1 AND EXISTING ADJACENT FLOORING. PATCH EXISTING FLOOR, AS NECESSARY.

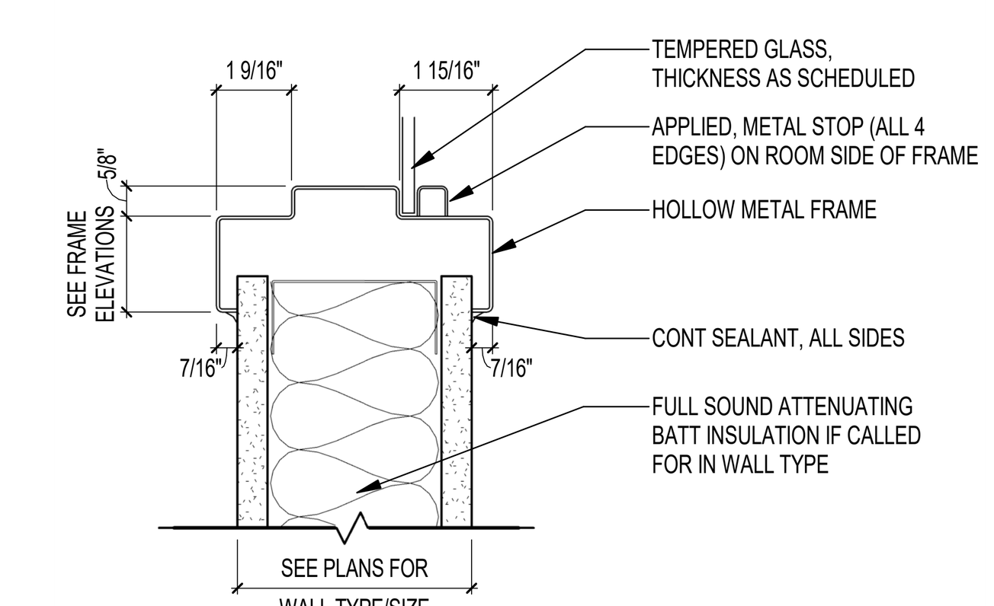
MATERIAL SCHEDULE

CODE	MATERIAL	NAME & NUMBER	MANUFACTURER	REV
ACOUSTICAL CEILING - DIVISION 9				
AC-1	ACOUSTICAL CEILING	SCHOOL ZONE FINE FISSURED, 24" X 24", ANGLED TEGULAR, 15/16" GRID WHITE	ARMSTRONG	
RESILIENT FLOORING - DIVISION 9				
RB-1	RESILIENT BASE	4"H BASE, COLOR: CHARCOAL	TARKETT - JOHNSONITE	
RB-2	RESILIENT BASE	MATCH EXISTING	TARKETT - JOHNSONITE	
CARPET - DIVISION 9				
C-1	CARPET (LIBRARY)	BASE ANGLE, COLOR: BLUE CHALKBOARD, 25CM X 1M, BACKING: WELLBAC COMFORT CUSHION	INTERFACE	
TS-1	TRANSITION STRIP	SLIM LINE, COLOR: TO MATCH RB-2	TARKETT - JOHNSONITE	
TACKABLE WALL COVERING - DIVISION 9				
TWC-1	TACKABLE WALLCOVERING	BULLETIN BOARD, COLOR: POTATO SKIN	FORBO	
PAINTING / STAINING - DIVISION 9 (REFER TO ROOM FINISH SCHEDULE FOR FINISH DESIGNATION) PAD, PAE, PAF, PAS, PAT, PAX, PAX-H or PAHPAX-X				
PA-1	PAINT (MAIN)	SW 7035 AESTHETIC WHITE	SHERWIN WILLIAMS	
PA-2	PAINT (FRAMES)	SW 7068 GRIZZLE GRAY	SHERWIN WILLIAMS	
PA-3	PAINT (GRAY)	SW 7017 DORIAN GRAY	SHERWIN WILLIAMS	
PA-4	PAINT (SCHOOL BLUE)	2061-30 BERMUDA BLUE	BENJAMIN MOORE	
STN-1	STAIN	CUSTOM, TO MATCH EXISTING	--	
MISC SPECIALTIES - DIVISION 10				
CG-1	CORNER GUARD	TAPE-ON CORNER GUARD, 90 DEGREE, COLOR: CLAM SHELL, WING SIZE: 3/4", FULL HEIGHT	INPRO CORP	
CG-2	CORNER GUARD	TAPE-ON CORNER GUARD, 135 DEGREE, COLOR: CLAM SHELL, WING SIZE: 1 1/2", FULL HEIGHT	INPRO CORP	
CG-3	CORNER GUARD	TAPE-ON CORNER GUARD, 90 DEGREE, COLOR: SHARKSKIN, WING SIZE: 3/4", FULL HEIGHT	INPRO CORP	

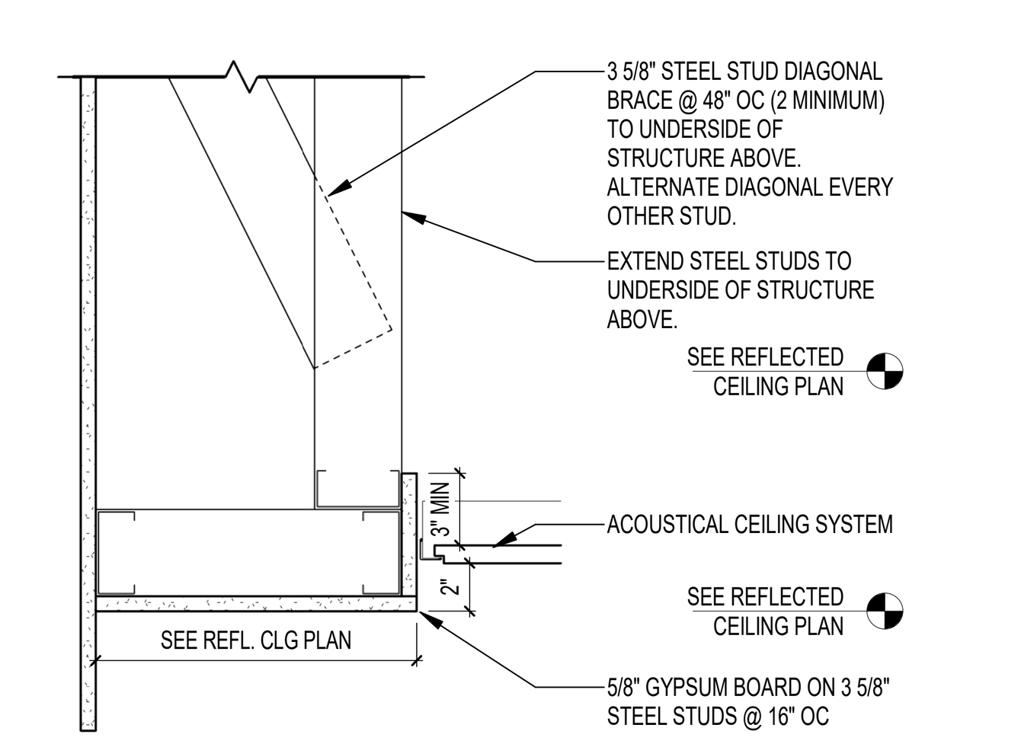
AD01 — REMOVE FROM PROJECT (TWC-1 struck through)



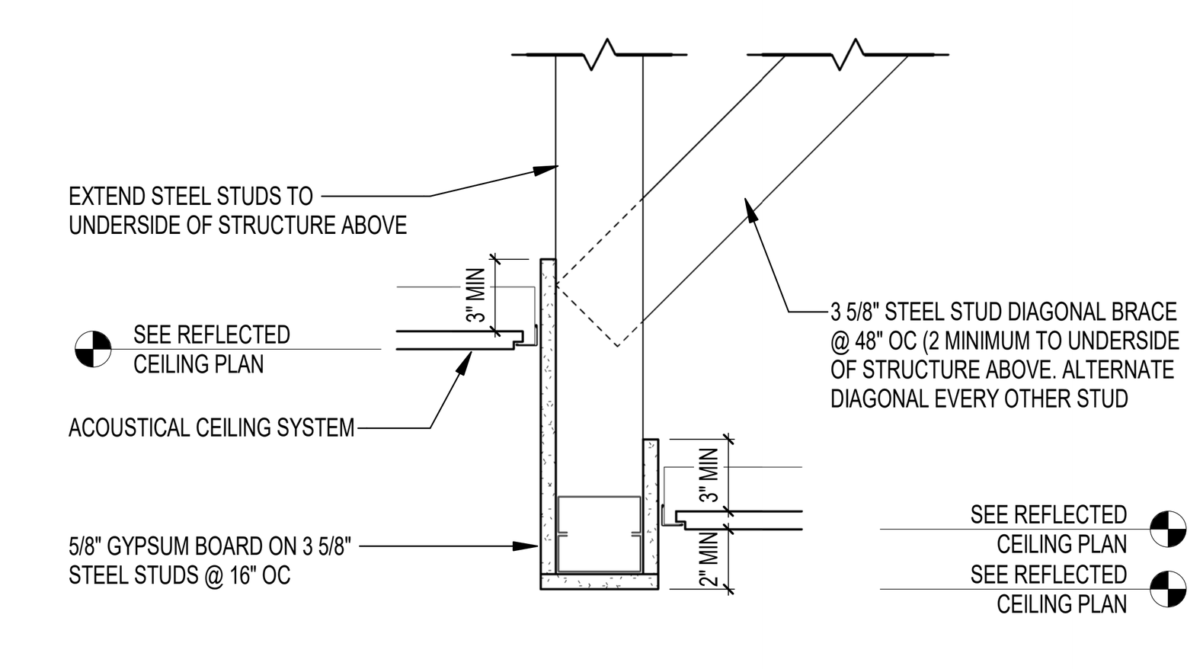
D5 **135 DEG. CORNER GUARD**
3" = 1'-0"



D6 **HM FRAME SILL @ STL STUD PARTITION**
3" = 1'-0"



E5 **SOFFIT AT WALL**
1 1/2" = 1'-0"



E6 **NARROW BULKHEAD (UNEVEN CLG)**
1 1/2" = 1'-0"

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Madison Metropolitan School District
Thoreau Elementary School Interior Renovations

3870 NAKOMA ROAD - MADISON, WISCONSIN 53711

REVISIONS:
AD01 04/20/2026

INTERIOR ELEVATIONS, INTERIOR DETAILS, DOOR INFORMATION, & SCHEDULES

BID DOCUMENTS
BID PACKAGE:
DATE: 04/01/2026
JOB NO: 260027-01
SHEET NO: A202

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GENERAL NOTES:

1. REFERENCE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN. REFERENCE MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PLANS FOR SIZES AND LOCATIONS OF WALL AND SLAB OPENINGS, DUCTS, PIPING, CURBS, AND EQUIPMENT PADS. IN THE EVENT OF A CONFLICT BETWEEN THE DRAWINGS, SPECIFICATIONS, OR NOTES ON THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION.
2. EXISTING DIMENSIONS AND CONDITIONS ARE FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ALL EXISTING CONSTRUCTION AND DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION OR FABRICATION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO COMMENCING WORK.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF DEVIATIONS OR CHANGES ARE REQUIRED TO THE CONTRACT DOCUMENTS OR APPROVED SHOP DRAWINGS DUE TO INTERFERENCES, FABRICATION ERRORS, OR OTHER CAUSES.
4. THE STRUCTURE IS SELF-SUPPORTING AND STABLE AFTER THE ENTIRE BUILDING IS COMPLETELY CONSTRUCTED. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ERECTION PROCEDURES AND SEQUENCING DURING CONSTRUCTION AND ERECTION TO PROVIDE AND ENSURE LOCAL AND OVERALL STABILITY OF THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION AND ERECTION. THE CONTRACTOR SHALL RETAIN A LICENSED STRUCTURAL ENGINEER TO DESIGN TEMPORARY BRACING/SHORING AND DETERMINE WHERE THE TEMPORARY BRACING/SHORING IS NEEDED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION PROCEDURES, SEQUENCING AND FOR COMPLYING WITH ALL APPLICABLE SAFETY REGULATIONS DURING THE WORK.
6. SHOP DRAWINGS SHALL BE SUBMITTED ELECTRONICALLY AND WILL USUALLY BE RETURNED WITHIN 2 WEEKS OF RECEIPT.
7. REFERENCE THE PROJECT SPECIFICATIONS FOR MATERIAL, WORKMANSHIP AND ADDITIONAL INFORMATION NOT COVERED IN THESE NOTES (WHERE APPLICABLE)

DESIGN CRITERIA:

1. BUILDING CODES:
   INTERNATIONAL BUILDING CODE (IBC), 2021 EDITION
   ASCE 7-16 MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES
2. SUPERIMPOSED DEAD LOADS:
   ROOF = 15 PSF ROOF
3. LIVE LOADS:
   ROOF = 20 PSF
4. SNOW LOADS:
   GROUND SNOW LOAD (Pg) = 30 PSF
   SNOW EXPOSURE FACTOR (Ce) = 1.1
   SNOW LOAD IMPORTANCE FACTOR (Is) = 1.1
   THERMAL FACTOR (Ct) = 1.1
   FLAT ROOF SNOW LOAD (Pf) = 25.4 PSF + DRIFT

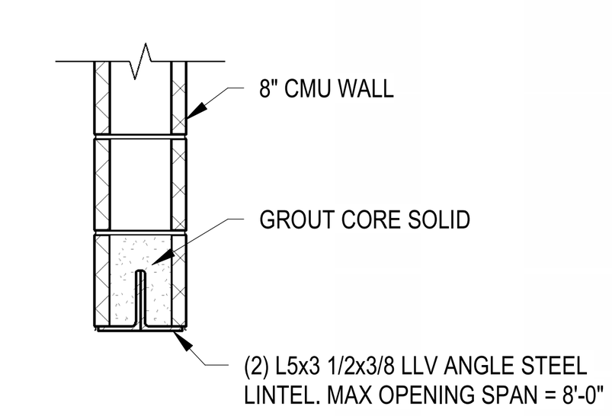
STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL WORK SHALL CONFORM TO IBC (VERSION AS REFERENCED IN "DESIGN CRITERIA") REFERENCED EDITIONS OF AISC "SPECIFICATION FOR THE DESIGN FABRICATIONS, AND ERECTION OF STRUCTURAL STEEL" AND THE "CODE OF STANDARD PRACTICE"
2. STRUCTURAL STEEL MEMBERS SHALL BE IN CONFORMANCE WITH THE FOLLOWING:

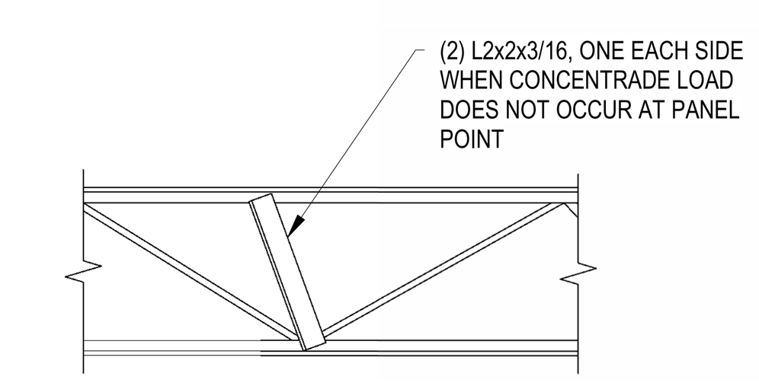
WIDE FLANGE SHAPES AND TEES	ASTM A992
ANGLES, PLATES, CHANNELS	ASTM A36, Fy=36 KSI (U.N.O.)
SQUARE/RECTANGULAR HSS	ASTM A500, GRADE B, Fy=46 KSI
ROUND HSS	ASTM A500, GRADE B, Fy=42 KSI
STEEL PIPE	ASTM A53, TYPE E OR S, GRADE B, Fy=35 KSI

3. SHOP DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO COMMENCING FABRICATION.
4. FIELD CONNECTIONS SHALL UTILIZE MINIMUM 3/4" DIAMETER A325 HIGH STRENGTH BOLTS, U.N.O. BOLTED CONNECTIONS THAT ARE PART OF MOMENT AND/OR BRACED FRAMES SHALL BE DESIGNED AS BEARING TYPE CONNECTIONS WITH PRETENSIONED BOLTS IN STANDARD HOLES, OR AS SLIP CRITICAL CONNECTIONS. LOCATIONS MARKED "SC" ON THE DRAWINGS SHALL BE DESIGNED AS SLIP CRITICAL CONNECTIONS. SLIP CRITICAL CONNECTIONS SHALL UTILIZE LOAD INDICATOR WASHERS OR TENSION CONTROL BOLTS. USE A490 BOLTS WHERE INDICATED ON DRAWINGS.
5. CONTRACTOR IS RESPONSIBLE FOR DESIGN OF CONNECTIONS NOT ALREADY DETAILED ON STRUCTURAL DRAWINGS. CONTRACTOR SHALL SUBMIT DESIGN STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE WHERE PROJECT IS LOCATED PRIOR TO COMMENCING FABRICATION.
6. WELDING SHALL CONFORM TO AWS D1.1. USE LOW-HYDROGEN SMAW ELECTRODES WITH MINIMUM TENSILE STRENGTH OF 70 KSI.
7. PROVIDE 1/4" LEVELING PLATES UNDER ALL COLUMN BASE PLATES, U.N.O. LEVELING PLATES SHALL BE SET AND GROUTED PRIOR TO COLUMN ERECTION.
8. ALL STRUCTURAL STEEL NOT EXPOSED TO WEATHER SHALL RECEIVE ONE COAT OF STANDARD SHOP PRIMER, U.N.O.
9. SEE DRAWINGS AND CONCRETE NOTES FOR ANCHOR BOLT INFORMATION.
10. FOR WELDING GALVANIZED MATERIAL, CONTRACTOR SHALL PROVIDE A WRITTEN WELDING PROCEDURE WHICH SHALL BE REVIEWED BY TEG. REMOVE ALL GALVANIZING FROM AREAS TO BE WELDED TO PROVIDE 1/2" MIN BASE METAL AROUND ALL WELDS. CLEAN FINISHED WELD. CLEAN AND REPAIR SURFACE TO ASTM A780 A2 AND TOUCH UP WITH TWO COATS OF ZINC RICH PRIMER. PRIMER SHALL OVERLAP EXIST UNDAMAGED GALVANIZING BY 1/2" MIN.

1 ROOF FRAMING PLAN
1/8" = 1'-0"



3 TYPICAL ANGLE LINTEL SECTION - 8" WALL
3/4" = 1'-0"



NOTE: USE FOR LOADS FROM BRACING, PIPING, MECHANICAL UNITS, MECHANICAL DUCTS, ETC. WHEN CONCENTRATED LOADS IS GREATER THAN 300 LBS.

2 TYPICAL JOIST REINFORCING
3/4" = 1'-0"

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Madison Metropolitan School District
Thoreau Elementary School Interior Renovations
3870 Nakoma Road - Madison, WI 53711

REVISIONS:
AD01 04/20/2026

ROOF FRAMING PLAN

BID DOCUMENTS
BID PACKAGE:
DATE: 04/01/2026
JOB NO: 260027-01
SHEET NO: S100

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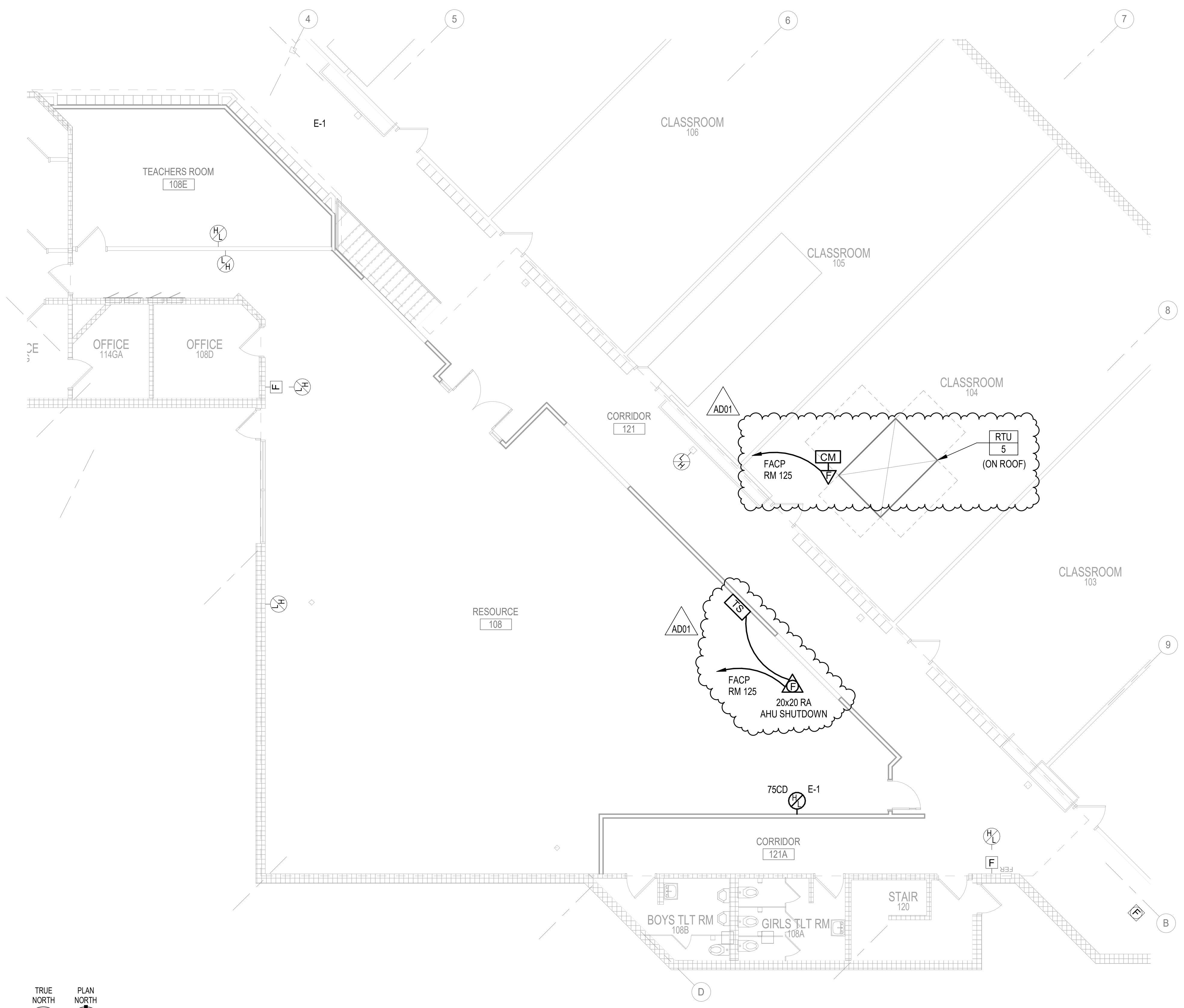
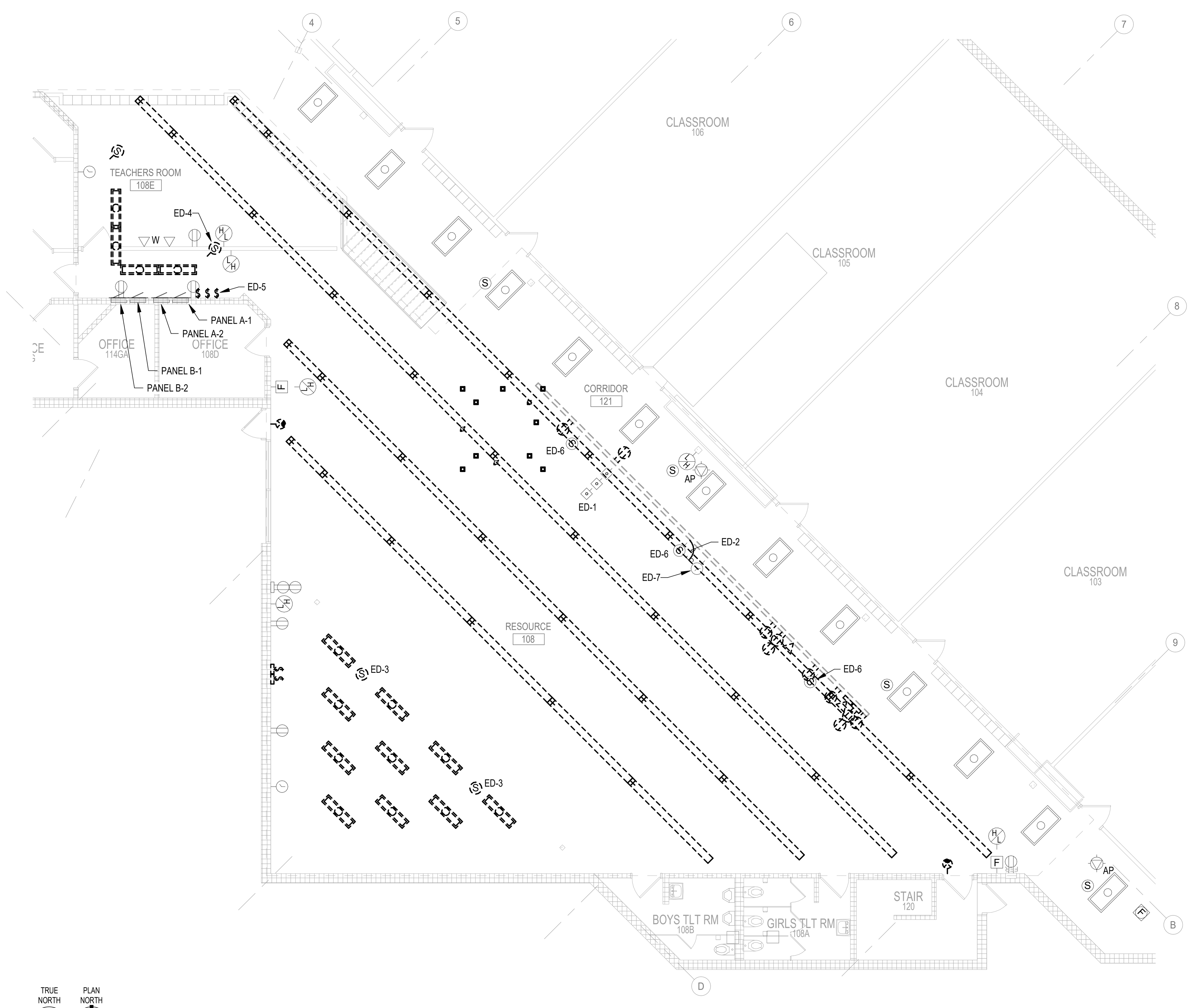
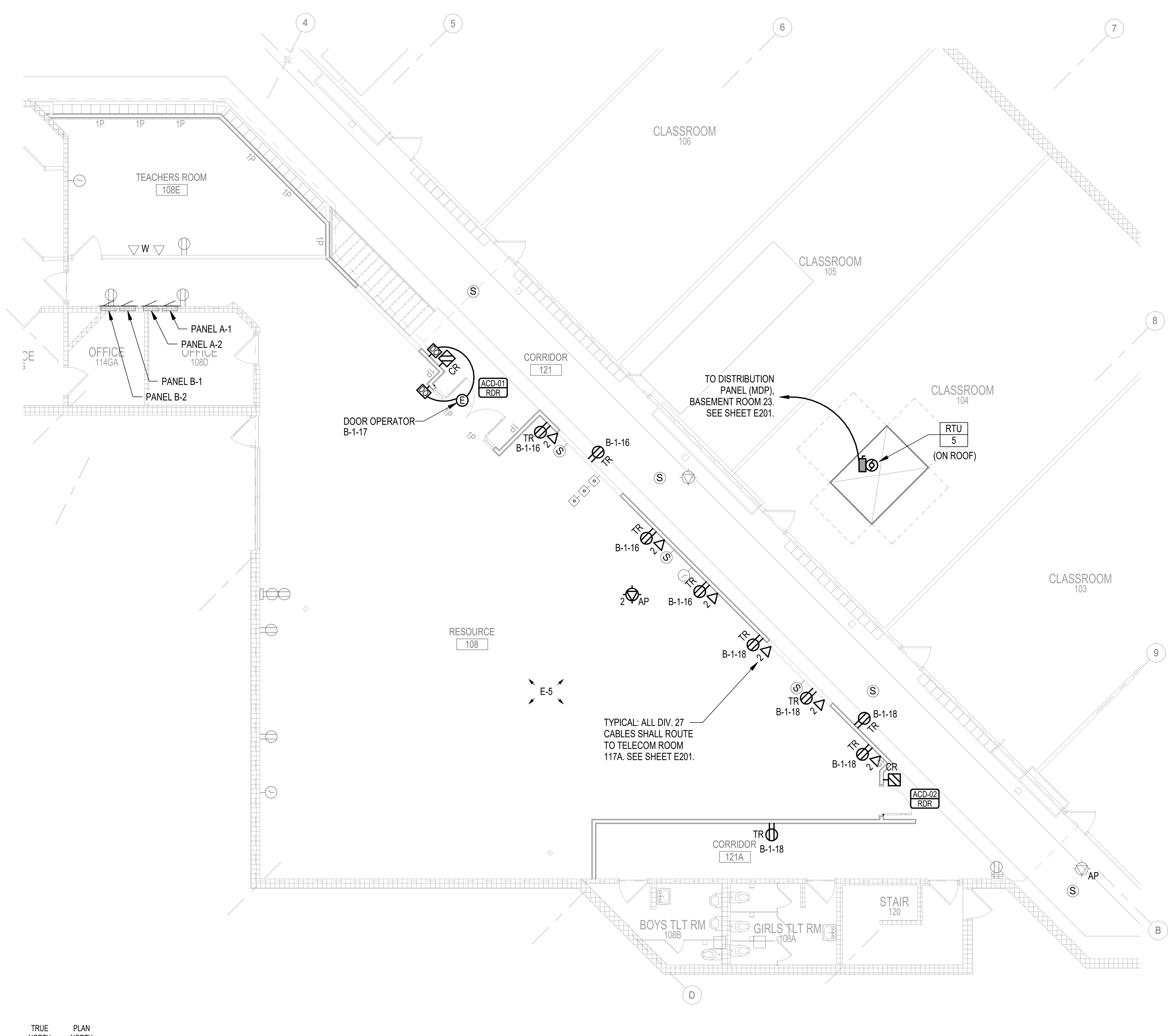


PARTIAL FIRST FLOOR FIRE ALARM PLAN
1/8" = 1'-0"



PARTIAL FIRST FLOOR ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"

PARTIAL FIRST FLOOR LIGHTING PLAN
1/8" = 1'-0"



PARTIAL FIRST FLOOR POWER & TECHNOLOGY PLAN
1/8" = 1'-0"

KEYED NOTES	
E-1	EXISTING 4100U FIRE ALARM PANEL LOCATED IN ENTRY VESTIBULE 125. SEE SHEET E201 FOR LOCATION. EXTEND CORRIDOR AUDIBLE AND VISUAL ANNUNCIATION CONDUIT AND WIRING AS NECESSARY TO NEW DEVICES.
E-2	EXTEND EXISTING CORRIDOR CIRCUIT AND CONTROL WIRING TO NEW FIXTURE.
E-4	TEMPORARILY SUPPORT EXISTING LIGHTS DURING CEILING REMOVAL. REINSTALL IN NEW CEILING.
E-5	REMOVE WIRING TO FLOOR BOXES, REMOVE COVERS AND PROVIDE BLANK FLUSH COVERPLATE.
ED-1	TEMPORARILY SUPPORT EXISTING VOLUME CONTROL STATIONS AND INSTALL IN NEW WALL. REWORK WIRING TO BE WITHIN NEW WALL.
ED-2	PROTECT AND REWORK EXISTING (FLOOR TO CEILING) SPEAKER WIRING TO BE WITHIN NEW WALL.
ED-3	RELOCATE SPEAKERS TO NEW CEILING. EXTEND CONDUIT AND WIRE AS NECESSARY.
ED-4	REMOVE EXISTING SPEAKER. PROVIDE 8"X8" COVERPLATE AND PAINT TO MATCH WALL.
ED-5	REPLACE EXISTING CONTROLS. UTILIZE EXISTING BACKBOXES AND RACEWAYS WITHIN BLOCK WALL. PROVIDE COVERPLATES FOR UNUSED OPENINGS.
ED-6	RELOCATE SPEAKER TO NEW WALL. EXTEND CONDUIT AND WIRE AS NECESSARY.
ED-7	RELOCATE CLOCK TO NEW WALL. EXTEND CONDUIT AND WIRE AS NECESSARY.

LIGHTING/SWITCHING KEY

LIGHTING

FIXTURE TYPE PER SCHEDULE — XXXX
##x — LIGHTING CONTROLS OPERATION SEQUENCE (0,1,2,...) PER DETAILS SHEETS
x — SWITCHING ZONE (a,b,c...)
CIRCUIT DATA: PANEL NAME-CIRCUIT NUMBER (XXXX-###) OR CIRCUIT NOTE (E-#)

EM: EMERGENCY FIXTURE
LS: LIFE SAFETY
CR: CRITICAL
NL: NIGHT LIGHT

COORDINATE CEILING MOUNTED DEVICES WITH ARCHITECTURAL REFLECTED CEILING PLAN

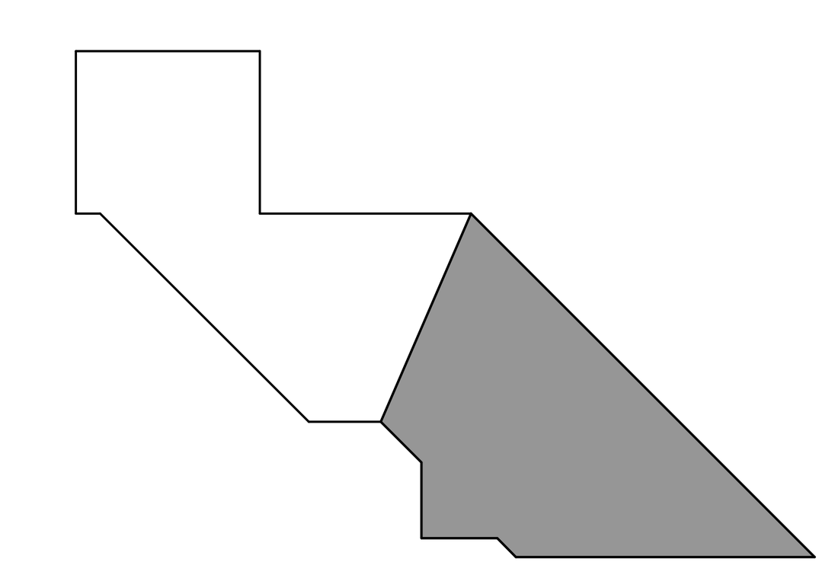
SWITCHING

#X(x,x) - LIGHTING CONTROL STATION

#X - INDICATES SWITCH CONTROLS, REFER TO LIGHTING CONTROL STATION CONFIGURATION DETAIL
(x,x) - INDICATES SWITCHING ZONE(S)
+##" - DIMENSION INDICATES HEIGHT TO CENTER OF SWITCH ABOVE FINISH FLOOR (+46" TO CENTER IF NOT SHOWN)

DEMO/NEW WORK KEY

- EXISTING
- NEW / REVISED
- REMOVED / REVISED
- EXISTING EQUIPMENT
- NEW / REVISED EQUIP.
- EQUIPMENT TO BE REMOVED / REVISED



KEY PLAN

DESIGN ENGINEERS™
MECHANICAL & ELECTRICAL CONSULTANTS

pra
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Madison Metropolitan School District
Thoreau Elementary School Interior Renovations

3870 NAKOMA ROAD - MADISON, WISCONSIN 53711

REVISIONS:
AD01 04/20/2026

PARTIAL ELECTRICAL PLANS

BID DOCUMENTS
BID PACKAGE:
DATE: 04/01/2026
JOB NO: 260027-01
SHEET NO:
E200

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PANEL SCHEDULE: A-1

EXISTING PANEL

LOCATION: ROOM 108 **VOLTS:** 208/120V **A.I.C. RATING:** **TOTAL CONNECTED**
MOUNTING: RECESSED **PHASES:** 3 **MAINS TYPE:** **TOTAL LOAD:** 1728 VA
ENCLOSURE: TYPE 1 **WIRES:** 4 **MAINS RATING:** 225 A **TOTAL AMPS:** 5 A

CKT NO.	BRKR AMPS	P	DESCRIPTION	LOAD V.A.	LOAD V.A.	DESCRIPTION	P	BRKR AMPS	CKT NO.
1	20	1	EXISTING LIGHTS - HALL	--	--	EXISTING LIGHTS - GROUP AREA	1	20	2
3	20	1	EXISTING LIGHTS - HALL	--	--	EXISTING LIGHTS - GROUP AREA	1	20	4
5	20	1	EXISTING LIGHTS - HALL	--	--	SPARE	1	20	6
7	20	1	**LIGHTING - ROOMS 108, 108E, HALL 121A**	**1728**	--	WHITE HORSE SCULPTURE LIGHTS	1	20	8
9	20	1	SPARE	--	--	SPARE	1	20	10
11	20	1	SPARE	--	--	EXISTING LIGHTS - IMC OFFICE/SAFE ROOM	1	20	12
13	20	1	SPARE	--	--	SPARE	1	20	14
15	20	1	SPARE	--	--	EXISTING LIGHTS - NURSE ROOM, TOILET	1	20	16
17	20	1	SPARE	--	--	EXISTING TIME CLOCK/OUTSIDE LIGHTS	1	20	18
19	20	1	SPARE	--	--	EXISTING LIGHTS - PRINCIPAL, P.S. ROOMS	1	20	20
21	20	1	SPARE	--	--	EXISTING BOYS & GIRLS BATHROOM OFF IMC	1	20	22
23	20	1	SPARE	--	--	EXISTING BLK COMPUTER OUTLETS COLUMN 1 NEW WEST SIDE	1	20	24
25	15	1	EXISTING OUTLETS IMC OFFICE	--	--	EXISTING LOAD	1	20	26
27	20	1	EXISTING OUTLETS CLASSROOMS 106-107	--	--	EXISTING OUTLETS CLASSROOMS 102,103,104	1	20	28
29	20	2	EXISTING ROOM 104 AIR COND.	--	--	EXISTING OUTLETS CLASSROOMS 101,102	1	20	30
31	--	--	--	--	--	EXISTING SOUTH ENTRY HEATER	3	20	32
33	20	2	EXISTING ROOM 104 AIR COND.	--	--	--	--	--	34
35	--	--	--	--	--	--	--	--	36

*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP

PANEL SCHEDULE: B-1

EXISTING PANEL

LOCATION: ROOM 108 **VOLTS:** 208/120V **A.I.C. RATING:** **TOTAL CONNECTED**
MOUNTING: RECESSED **PHASES:** 3 **MAINS TYPE:** **TOTAL LOAD:** 2370 VA
ENCLOSURE: TYPE 1 **WIRES:** 4 **MAINS RATING:** 225 A **TOTAL AMPS:** 7 A

CKT NO.	BRKR AMPS	P	DESCRIPTION	LOAD V.A.	LOAD V.A.	DESCRIPTION	P	BRKR AMPS	CKT NO.
1	20	1	EXISTING FLOOR DUCT IMC	--	--	EXISTING FANS TOILETS, IMC	1	20	2
3	20	1	EXISTING FLOOR DUCT IMC	--	--	EXISTING OUTLETS - OFFICE, PRINCIPAL, & P.S. - BASE HEAT	1	20	4
5	20	1	EXISTING FLOOR DUCT IMC	--	--	EXISTING PATTI'S COMPUTER	1	20	6
7	20	1	EXISTING FLOOR DUCT IMC	--	--	EXISTING OUTLETS - GROUP AREA	1	20	8
9	20	1	EXISTING FLOOR DUCT IMC	--	--	EXISTING BASEBOARD HEAT - PRINCIPAL	2	20	10
11	20	1	EXISTING FLOOR DUCT IMC	--	--	--	--	--	12
13	20	1	EXISTING OUTLETS GROUP AREA	--	--	EXISTING COMPUTER WORK ROOM	1	20	14
15	30	1	EXISTING DISPOSAL - WORK ROOM	--	**720**	**RECEPTS - ROOM 108 & HALL 121 ***	**1**	**20**	16
17	20	1	ADA DOOR OPERATOR**	750	**900**	**RECEPTS - ROOM 108 & HALL 121, 121A ***	**1**	**20**	18
19	20	1	SPARE	--	--	UNIT HEATER EAST ENTRY	3	20	20
21	70	2	SPARE	--	--	--	--	--	22
23	--	--	--	--	--	--	--	--	24

*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP

* = REPLACE EXISTING 20/2 BREAKER WITH TWO NEW 20/1 BREAKERS.
** = REPLACE EXISTING 30/2 BREAKER WITH TWO NEW 20/1 BREAKERS.

COMMUNICATIONS HORIZONTAL CABLING AND CONNECTIVITY SCHEDULE

KEY: FIR: FURNISH AND INSTALLATION RESPONSIBILITY
CFCI: CONTRACTOR FURNISHED - CONTRACTOR INSTALLED CFOI: CONTRACTOR FURNISHED - OWNER INSTALLED
OFCI: OWNER FURNISHED - CONTRACTOR INSTALLED OFOI: OWNER FURNISHED - OWNER INSTALLED

GENERAL NOTES:
1 CONTRACTOR REFER TO DIVISION 27 OF THE PROJECT SPECIFICATIONS FOR RESPONSIBILITIES RELATED TO THIS SCHEDULE.
2 CONTRACTOR REFER TO THE GENERAL COMMUNICATIONS NOTES FOR FURTHER DETAILS AND REQUIREMENTS.

NOTES:
1 PROVIDE (1) PATCH CORD FOR EACH END OF D2 CABLE INSTALLATION.
2 PROVIDE 4" FOR PRIMARY PATHWAY, SIZE SECONDARILY APPROPRIATELY FOR USE.

PLAN MARK	DESCRIPTION	FIR	PART NO.	REMARKS	NOTES
D2	DATA CABLE, CAT.5E UTP, RISER, BLUE	CF/CI			
D3	DATA CABLE, CAT.5e UTP PATCH CABLE, RISER, BLUE	CF/CI			1
J	J-HOOK, SIZE - 4"	CF/CI			2
PP-1	PATCH PANEL, 48-PORT, 2RU, Flat, Unloaded	CF/CI	ORTRONICS: SPKFU48	COORDINATE WITH OWNER TO FILL EXISTING PATCH PANEL FIRST	

ACCESS CONTROL DOOR SCHEDULE

Key:
ACD: Access Control Door

General Notes:
1. Contractor shall check specifications for possible further details.
2. Contractor shall reference the Electronic Access Control Detail for further details.

PLAN MARK (ACD)	DOOR LOCATION	DOOR #	DOOR TYPE	HEAD END LOCATION
01	RESOURCE 108		RDR	TELECOM ROOM 117A
02	RESOURCE 108		RDR	TELECOM ROOM 117A

LIGHTING CONTROL SEQUENCE OF OPERATION

OPERATION SEQUENCE	SCHEMATIC DETAIL	LIGHT LEVEL SET POINT	TIME DELAY	LIGHTING SEQUENCE: TRIGGER ON	LIGHTING SEQUENCE: USER CONTROLS	LIGHTING SEQUENCE: DAY LIGHT CONTROLS	LIGHTING SEQUENCE: TRIGGER OFF	RECEPTACLE CONTROL	HVAC INTEGRATION	NOTES
0	N/A	N/A	N/A	CONSTANT ON	N/A	N/A	CONSTANT ON	N/A	-	FIXTURE IS WIRED TO UNSWITCHED CIRCUIT, FIXTURE IS ALWAYS ENERGIZED.
1	N/A	N/A	N/A	SINGLE POLE WALL SWITCH		N/A	SINGLE POLE WALL SWITCH	N/A	N/A	FIXTURE IS WIRED TO A SWITCH LEG FOR MANUAL CONTROL, SPACE CONTAINS EQUIPMENT THAT MAY BECOME UNSAFE FOR AUTOMATIC OFF CONTROL.
2	N/A	N/A	ADJUSTABLE, SET TO 15 MINUTES	LIGHTING CONTROL STATION		N/A	MANUAL CONTROL STATION OR OCCUPANCY SENSOR	N/A	N/A	MANUAL ON BY LIGHTING CONTROL STATION, AUTO OFF BY OCCUPANCY SENSOR, MANUAL OFF BY LIGHTING CONTROL STATION.
3	N/A	N/A	ADJUSTABLE, SET TO 15 MINUTES	OCCUPANCY SENSOR	N/A	N/A	OCCUPANCY SENSOR	N/A	N/A	AUTOMATIC ON BY OCCUPANCY SENSOR. AUTOMATIC OFF BY OCCUPANCY SENSOR.
4	N/A	N/A	ADJUSTABLE, SET TO 15 MINUTES	LIGHTING CONTROL STATION		N/A	MANUAL CONTROL STATION OR OCCUPANCY SENSOR	N/A	1	MANUAL ON BY LIGHTING CONTROL STATION, AUTOMATIC OFF BY OCCUPANCY SENSOR OR MANUAL OFF BY LIGHTING CONTROL STATION. LIGHTING CONTROL STATION CAPABLE OF DIMMING LIGHTS.
5	N/A	N/A	N/A	LIGHTING CONTROL SYSTEM		N/A	LIGHTING CONTROL SYSTEM	N/A	N/A	FIXTURE IS CONTROLLED AS PART OF A LOW VOLTAGE LIGHTING CONTROL SYSTEM FOR THEATRICAL PERFORMANCES. MANUAL CONTROL ONLY.
6	N/A	N/A	N/A	LIGHTING CONTROL STATION		N/A	LIGHTING CONTROL STATION	N/A	N/A	FIXTURE IS WIRED TO A SWITCH LEG FOR MANUAL CONTROL.
7	N/A	N/A	ADJUSTABLE, SET TO 15 MINUTES	OCCUPANCY SENSOR	N/A	N/A	MANUAL CONTROL STATION OR OCCUPANCY SENSOR	N/A	N/A	AUTOMATIC ON BY OCCUPANCY SENSOR, AUTO OFF BY OCCUPANCY SENSOR, MANUAL OFF BY LIGHTING CONTROL STATION..

GENERAL NOTES:
A. FOR ALL CONTROL SEQUENCES WITH WALL STATIONS, THE PROGRAMMED SETTING OF THE WALL STATION WILL MAINTAIN THE ACTIVE CONTROL FUNCTION UNTIL LOSS OF OCCUPANCY IS DETECTED, THEN THE SYSTEM WILL DEFAULT BACK TO ITS INITIAL SEQUENCE.

SPECIFIC NOTES:
1. INTEGRATE LIGHTING CONTROL SYSTEM TO HVAC SYSTEM VIA DRY CONTACT CLOSURE, COORDINATE WITH HVAC CONTROLS CONTRACTOR.
2.

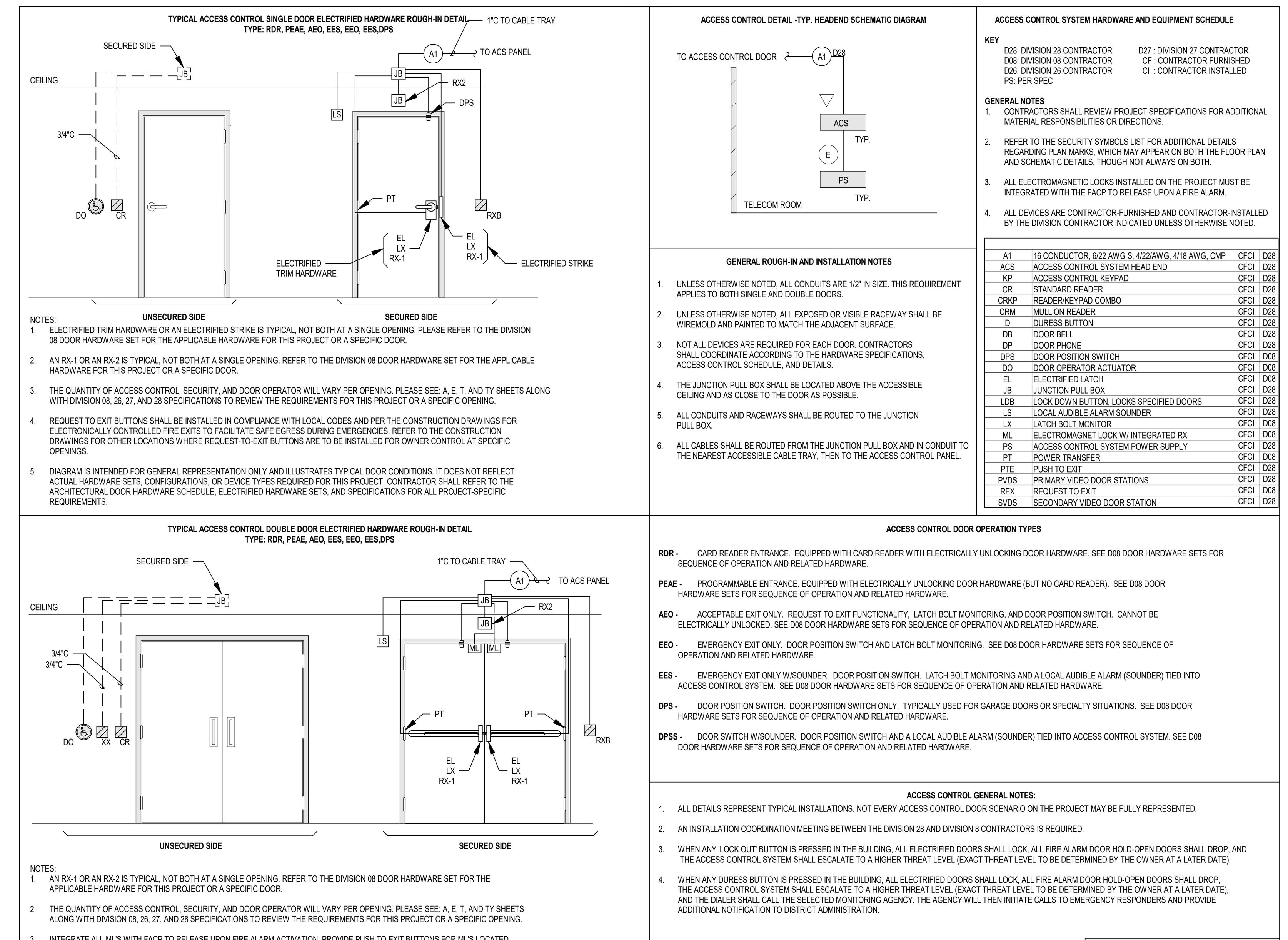
LIGHT FIXTURE SCHEDULE

PLAN MARK	BASIS OF DESIGN MANUFACTURER AND MODEL NUMBERS	APPROVED EQUIVALENT MANUFACTURERS AND SERIES	DESCRIPTION	LED DETAILS: COLOR (K)	LED DETAILS: LUMEN OUTPUT	DRIVER: QTY.	DRIVER: TYPE	DRIVER: DIM MIN.	INPUT WATTS	VOLTS	CEILING TYPE	FIXTURE MOUNTING	NOTES
LA	OWNER FURNISHED, CONTRACTOR INSTALLED	-	1x4 LED TROFFER	4000		1	0-10	10%		MVOLT		RECESSED	NOTE 2
LB	OWNER FURNISHED, CONTRACTOR INSTALLED	-	2x4 LED TROFFER	4000		1	0-10	10%		UVOLT		RECESSED	NOTE 2
LC	OWNER FURNISHED, CONTRACTOR INSTALLED	-	2x2 LED TROFFER	4000		1	0-10	10%		UVOLT		RECESSED	NOTE 2
LD	OWNER FURNISHED, CONTRACTOR INSTALLED	-	10" DOWNLIGHT	3000		1	0-10	10%		MVOLT		RECESSED	NOTE 2
XA1	LITHONIA LHQM-LED-R	ISOLITE, SURE LITES, WILLIAMS	EXIT SIGN	N/A	N/A	1	N/A	N/A	4.3	120/277		VARIES SEE PLANS	NOTES 1,3

KEY:
3W=THREE WIRE DIMMING DA=DIGITAL ADDRESSABLE SD=STEP DIMMED
0-10=0-10V DIMMED ND=NON-DIMMED DMX=DMX ENABLED

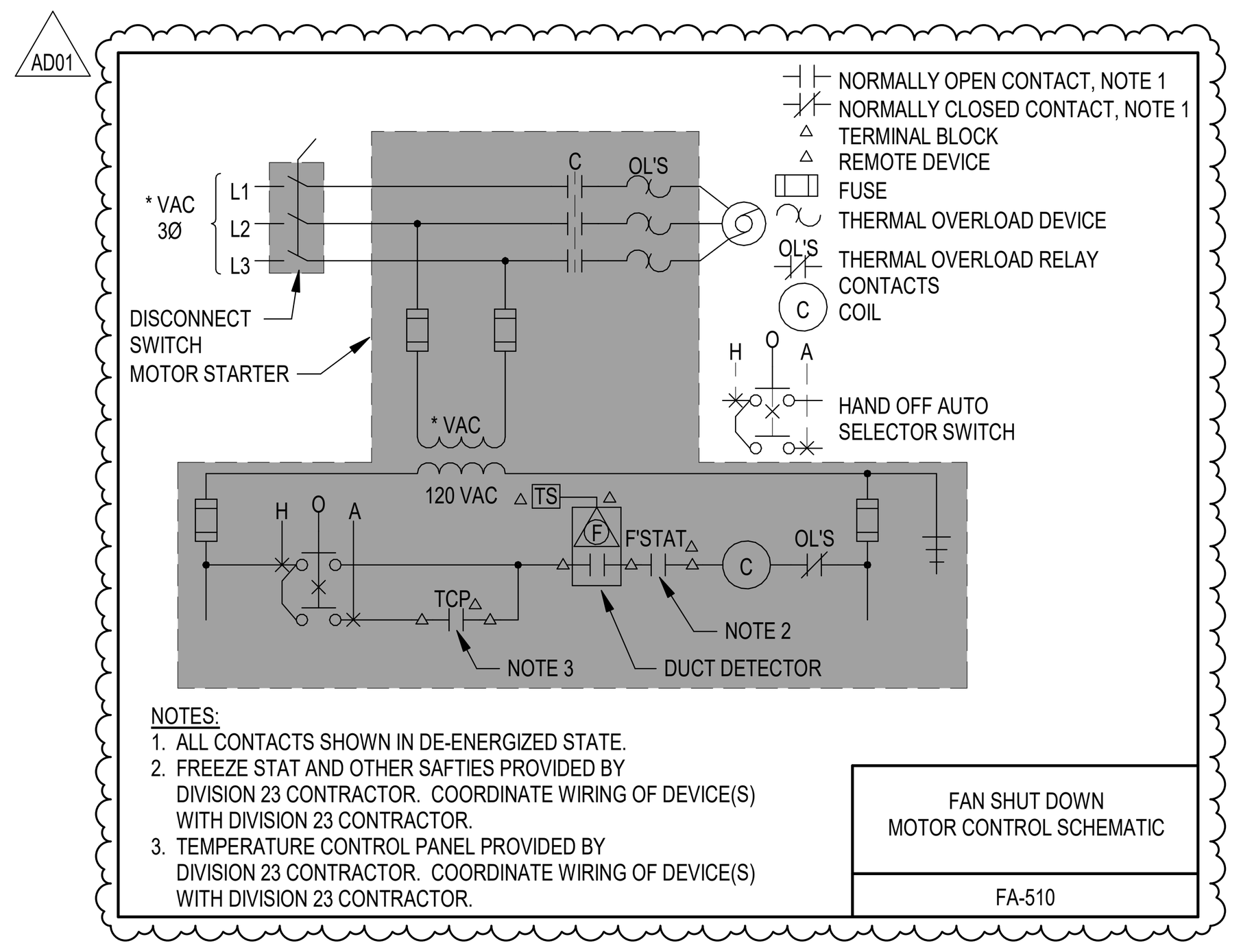
GENERAL NOTES:
A. REFER TO SPECIFICATION 26 5000 FOR ADDITIONAL REQUIREMENTS.
B. PROVIDE A MINIMUM 5 YEAR WARRANTY FROM SUBSTANTIAL COMPLETION ON ALL LED PRODUCTS.
C. EQUIVALENT MANUFACTURERS LISTED SHALL MEET PERFORMANCE REQUIREMENTS OF THE BASE FIXTURE SPECIFIED. EQUIVALENTS SHALL NOT CONSUME MORE THAN 10% IN WATTAGE OR BE LESS THAN 5% IN LUMENS.
D. COORDINATE WITH ARCHITECTURAL CEILING PLANS FOR CEILING TYPES PRIOR TO SUBMITTAL PROCESS, VERIFY PLANNED CEILING TYPES COORDINATE WITH SPECIFIED FIXTURES.
E. COORDINATE FIXTURES LOCATED IN NON-ACCESSIBLE CEILINGS ARE ACCESSIBLE FROM BELOW THROUGH THE FIXTURE, PRIOR TO SUBMITTAL PROCESS.
F. COORDINATE DRIVER TYPE WITH THE LIGHTING CONTROL SYSTEM, PRIOR TO SUBMITTAL PROCESS.

SPECIFIC NOTES:
1. PROVIDE WITH INTEGRAL BATTERY PACK.
2. COORDINATE DELIVERY OF FIXTURES WITH OWNER'S REPRESENTATIVE.
3. SEE PLANS FOR MOUNTING ORIENTATIONS, CHEVRON ARROWS, AND DOUBLE FACE OPTIONS. FINAL FINISH SELECTION IS TO BE DETERMINED DURING SUBMITTALS.



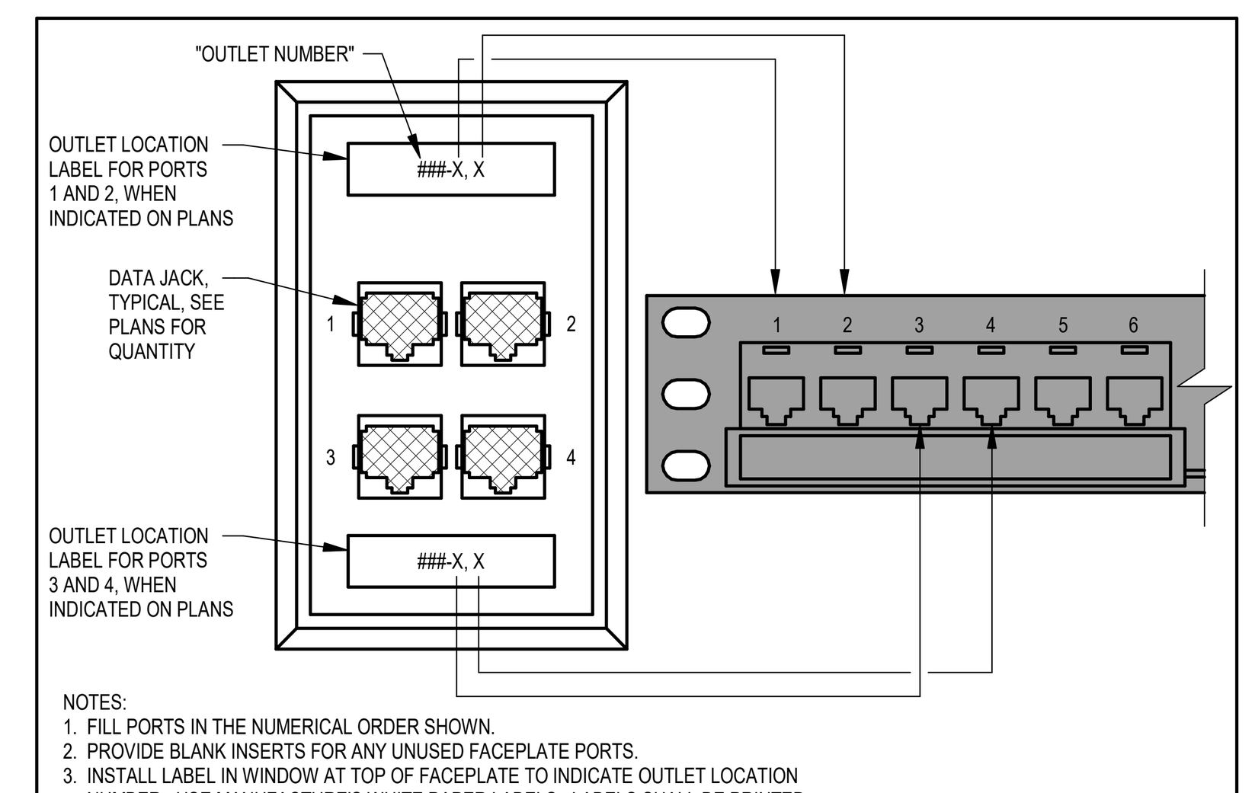
ELECTRONIC ACCESS CONTROL DETAIL
TY-099

AD01

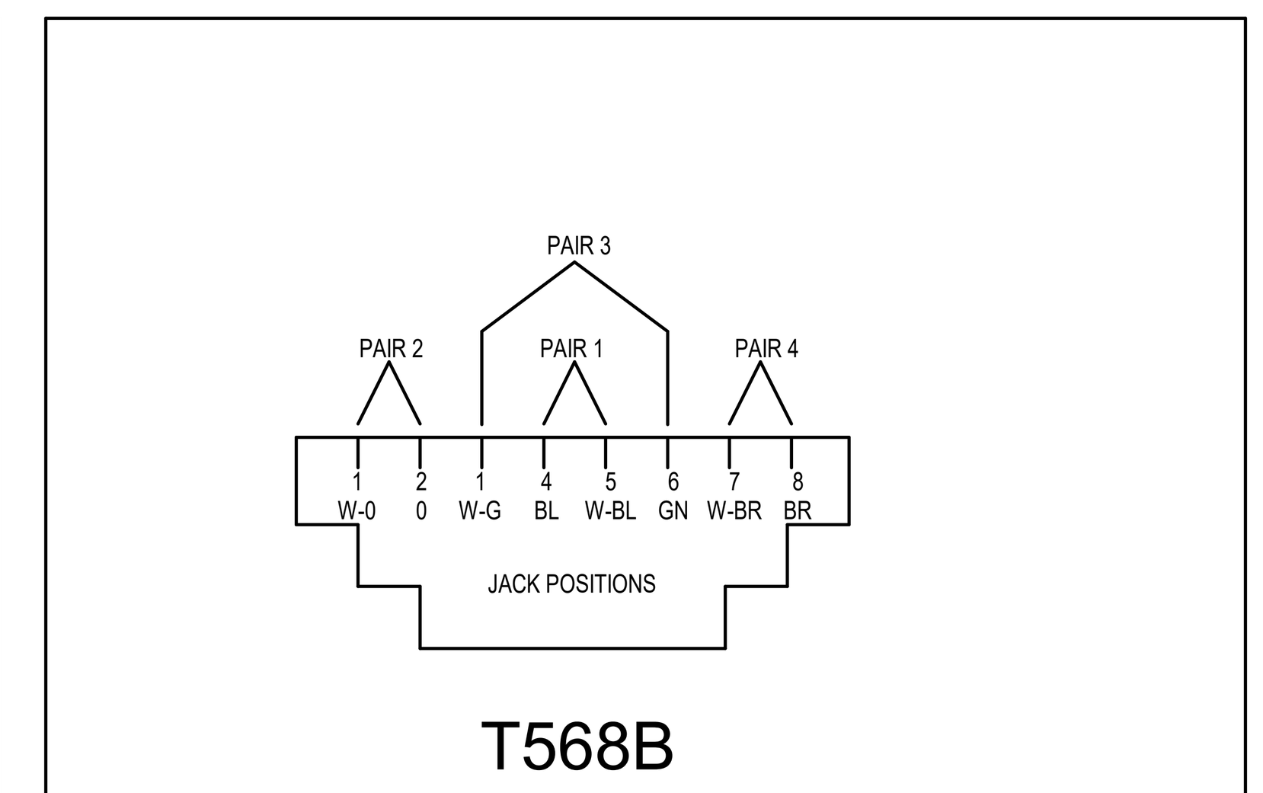


NOTES:
1. ALL CONTACTS SHOWN IN DE-ENERGIZED STATE.
2. FREEZE STAT AND OTHER SAFTIES PROVIDED BY DIVISION 23 CONTRACTOR. COORDINATE WIRING OF DEVICE(S) WITH DIVISION 23 CONTRACTOR.
3. TEMPERATURE CONTROL PANEL PROVIDED BY DIVISION 23 CONTRACTOR. COORDINATE WIRING OF DEVICE(S) WITH DIVISION 23 CONTRACTOR.

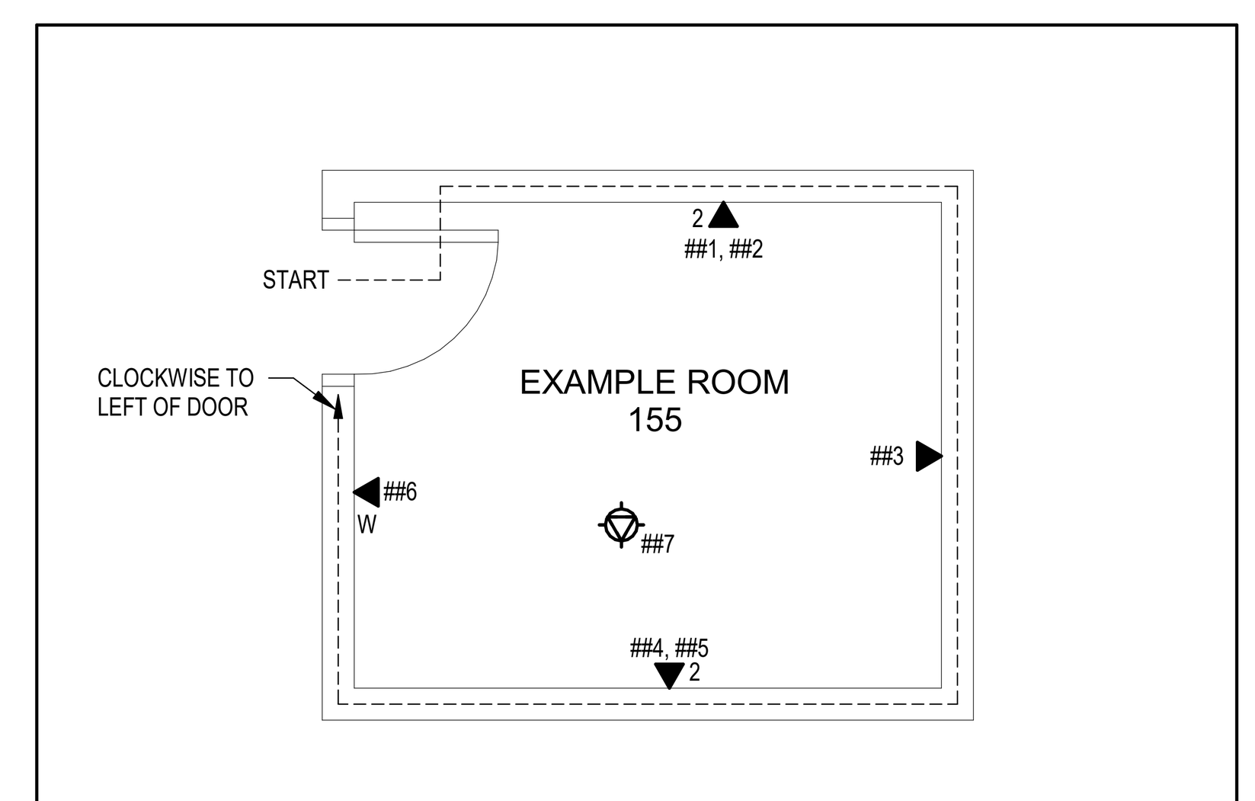
FAN SHUT DOWN MOTOR CONTROL SCHEMATIC
FA-510



TELECOM FACEPLATE WITH STANDARD LABELING
T-202

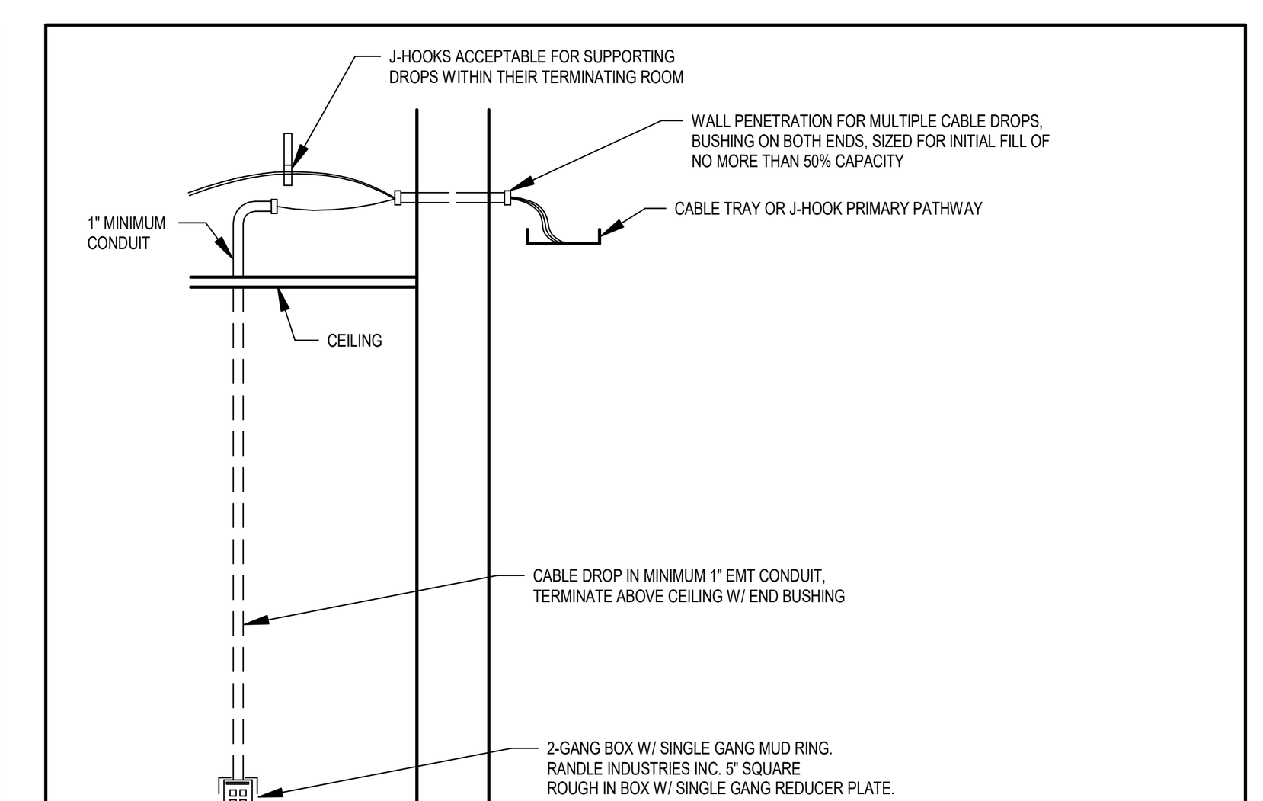


EIGHT POSITION MODULAR JACK PIN/PAIR ASSIGNMENT, T568B
T-203



NOTES:
THIS IS TO BE USED AS A REFERENCED GUIDELINE FOR THE INITIAL DATA NUMBERING SCHEME.

TELECOM DATA NUMBERING GUIDELINE - EXAMPLE ROOM
T-204



TYP. RACEWAY FOR EQUIPMENT OUTLET
T-400

EQUIPMENT SCHEDULE

PLAN MARK	DESCRIPTION	PANEL	VOLTS /PH	HP/ WATTS	FLA	MCA	MAX FUSE/ MOCPD	FEEDER	DISC @ UNIT	REMARKS
RTU-5	ROOF TOP UNIT	MAIN DISTRIBUTION PANEL	208/3	3 HP	44.90	56.1	70	1"C, 4#4, 1#8G	FWE	

KEY:
CMS= COMB. MOTOR STARTER FWE= FURNISHED W/ EQUIP SSY= BUSSMAN FUSES/SWITCH UNIT
DDC= DIRECT DIGITAL CONTROL MCA= MIN CKT. AMP WP= WEATHERPROOF
FLA= FULL LOAD AMPS NF= NON-FUSED WS= WITHIN SITE
FRA= FRACTIONAL HP SPSW= SINGLE POLE SWITCH VFD= VAR. FREQ. DRIVE

NOTES:

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REVISIONS:
AD01 04/20/2026

ELECTRICAL SCHEDULES, CONTROLS AND DETAILS

BID DOCUMENTS
BID PACKAGE:
DATE: 04/01/2026
JOB NO: 260027-01
SHEET NO:
E500