



650 - 44th Street SE  
Grand Rapids, MI 49548  
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Beckerling Construction Notes for Don Johnson Fieldhouse Addendum #1

1. Addendum #1 does not involve any revisions to the bid scopes.
2. Post Bid Interviews will be conducted on Friday, June 5, 2026. They will be virtual and times will be announced.

# LSD Don Johnson Addendum No. 1

## Narrative of Changes

<b>Project Name:</b>	Don Johnson Field House – Pool Renovations SO-1855	<b>Date:</b>	June 1, 2026
<b>Project Location:</b>	400 N Pennsylvania Ave, Lansing, MI 48912	<b>Architect's Project #:</b>	26000063A
<b>Owner/Client:</b>	Lansing School District	<b>Attention:</b>	David Beckering
<b>Issued to:</b>	Beckering Construction	<b>Email:</b>	djb@beckering.com
<b>City/State:</b>	Grand Rapids, MI	<b>Zip:</b>	49548

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**This Addendum revises the Contract Documents and shall have the same force and effect; make the following changes to the Specifications and Drawings for this project. The following is a written summary of the changes made by this Addendum. Strict attention should be given to the Drawings and Specifications for area take-off, quantities and items deleted or revised herein. This addendum forms a part of the Contract Documents.**

<b>Issued by CED by:</b>	Courtney Norris	<b>Date Signed:</b>	06/01/2026
<b>Prepared by:</b>	Courtney Norris	<b>Date Signed:</b>	06/01/2026
<b>Distribution:</b>	Refer to Newforma transmittal.		

Below is a list of the changes made to our documents in response to the comments, RFIs, or clarifications provided prior to Bid. Please feel free to reach out with any further questions or clarifications in a timely manner.

Sincerely,  
Courtney Norris

## General Notes/ Clarifications

- Prevailing Wages are required on this project.

## RFI Questions

- Regarding the existing fire alarm system, please provide the manufacture and main panel (FACP) information.
  - Answer: Please see attached photos of existing fire alarm system panels.
- Will the existing intrusion system need to be extended to new doors 101A and 101B? If so, please provide intrusion system information.
  - Answer: The intrusion system will not be extended to doors 101A and A101B. Doors should be prepped to receive door contacts.
- With the exiting pool tank being infilled, should demolition of any pool equipment (pumps, controllers, etc.) be included? If so, please provide additional scope information.
  - Answer: All pool equipment pumps, controllers etc are to remain. Drain inside of pool and on pool deck are to be capped.
- Will prevailing wages apply towards this project? Project documentation provided have conflicting notes stating both it will and won't apply. If prevailing wages apply, please provide determination documentation applicable to this project.
  - Answer: Prevailing wages will be required for this project.
- In the pre-bid meeting note, it states that the electrical contractor is responsible for the data wire. Please provide the location of the nearest network switch.
  - Answer: The nearest network switch is located in the second floor storage room on the east side of the building. See reissued sheet G001 for location.

## Drawings

- G000 – COVER SHEET (Reissued)
  - Revised project scope description.
- G001 – CODE COMPLIANCE & LIFE SAFETY PLANS (Reissued)
  - Updated and added egress load calculations to code compliance plans.
  - Indicated location of network switch in second floor east storage room.
- A101 – FLOOR PLANS (Reissued)
  - Revised door size for door A101A & A101B.
  - Revised door ratings for door 101C, 101D & 102.
  - Added note to door 101A & 101B to provide door contacts.
  - Added dimensions to Exterior Elevation 3/A101.

- A121 – REFLECTED CEILING PLANS (Reissued)
  - Revised reflected ceiling plan layout.
  - Added additional clarification notes to detail 3/A12.
- M100 – MECHANICAL DETAILS & SCHEDULES (Reissued)
  - Added note 2 for fan schedule.
- M101 – FLOOR PLAN – MECHANICAL (Reissued)
  - Updated location of fans in practice gym.
  - Updated location of diffusers/ grilles in practice gym.
- E100 – DETAILS, SYMBOL LEGOND, SPECIFICATIONS (Reissued)
  - Added additional manufactures for types A1/A1E and B1.
- EL101 – FLOOR PLANS – LIGHTING (Reissued)
  - Lighting layout in gym changed to match architectural reflected ceiling plan.
  - Moved exit and exterior wall pack to be located directly over new door openings.
- EL102 – FLOOR PLAN – EMERGENCY PHOTOMETRICS (Reissued)
  - Photometric calculation revised based on mounting heights.
- EP101 – FLOOR PLANS – POWER (Reissued)
  - Location for paddle fans to match mechanical drawings.
  - Moved rough in for (2) scoreboards.
  - Added note under general power directing conduit installation.
  - Revised keyed note 4 adding the mounting height of the wiremold raceway.
  - Revised keyed note 5 adding wall switches for control.
  - Revised keyed note 6 adding wall mounting heights for scoreboard rough-in boxes and requirements for conduit for control wiring.
  - Revised keynote 3 to include wiring back to existing fire alarm panel.
  - Added note to provide allowance for fire alarm voice system for area of work for this project.

## Specifications

- TABLE OF CONTENTS (Reissued)
  - Added spec section 031230 for Expanded Polystyrene (EPS) Geofoam. Indicated in italicized bold.
- SECTION 031230 – EXPANDED POLYSTYRENE (EPS) GEOFOAM
  - Added new section

**ATTACHMENTS**

Reissued Drawings:

G000, G001, A101, A121, M100, M101, E100, EL101, EL102, EP101

Specifications:

Table of Contents

Section 031230

Clarification #1

Pre-Bid Meeting Notes

Fire Alarm System Panel Images

**END OF ADDENDUM NO. 1**



# DON JOHNSON FIELD HOUSE - POOL RENOVATIONS SO-1855

400 N PENNSYLVANIA AVE  
LANSING, MI 48912

05/07/26

## PROJECT CONTACT LIST

<b>OWNER:</b> LANSING SCHOOL DISTRICT 519 KALAMAZOO LANSING, MI CONTACT: TODD COE	<b>ARCHITECT:</b> COLLIERS ENGINEERING & DESIGN 560 5TH ST NW, STE 305 GRAND RAPIDS MI CONTACT: COURTNEY NORRIS PHONE: 616-827-4276	<b>CONTRACTOR:</b> BECKERING CONSTRUCTION 850 44TH ST SE GRAND RAPIDS, MI CONTACT: DAVID BECKERING
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## DRAWING INDEX

### SHEET INDEX

00 - GENERAL	
G000	COVER SHEET
G001	CODE COMPLIANCE & LIFE SAFETY PLANS
03 - STRUCTURAL	
S101	STRUCTURAL DETAILS
04 - ARCHITECTURAL	
A001	GENERAL NOTES AND LEGENDS
AD101	DEMOLITION PLANS
AD121	REFLECTED CEILING DEMOLITION PLANS
A101	FLOOR PLANS
A121	REFLECTED CEILING PLANS
A141	FINISH PLANS AND SCHEDULES
A142	INTERIOR ELEVATIONS
05 - MECHANICAL	
M100	MECHANICAL DETAILS & SCHEDULES
MD101	FLOOR PLANS - DEMOLITION
M101	FLOOR PLANS - MECHANICAL
08 - ELECTRICAL	
E100	DETAILS, SYMBOL LEGEND, SPECIFICATIONS
ED101	FLOOR PLANS - DEMOLITION
EL101	FLOOR PLANS - LIGHTING
EL102	FLOOR PLAN - EMERGENCY PHOTOMETRICS
EP101	FLOOR PLANS - POWER

## CODE SUMMARY

**PROJECT SCOPE**  
INFILL POOL AND UPDATE FINISHES IN EXISTING NATATORIUM TO CREATE A NEW MULTI-PURPOSE PRACTICE GYM. UPDATES ARE INCLUSIVE OF PAINT, CEILINGS, LIGHTING, FIRE ALARMS, MISC. GYM EQUIPMENT, AND 2 NEW EXITS DIRECT TO THE EXTERIOR. UPDATE FINISHES IN THE SECOND FLOOR VIEWING AREA TO THE PRACTICE GYM AND ENCLOSE WITH FULL HEIGHT STOREFRONT.

**APPLICABLE BUILDING CODES**

BUILDING CODE: 2021 MICHIGAN BUILDING CODE  
2021 MICHIGAN REHABILITATION CODE

MI FIRE SAFETY STATE RULES: NFPA 101-2012  
2016 SCHOOL FIRE SAFETY RULES

MECHANICAL CODE: 2021 MICHIGAN MECHANICAL CODE

PLUMBING CODE: 2021 MICHIGAN PLUMBING CODE

ELECTRICAL CODE: 2023 MICHIGAN ELECTRICAL CODE, PART 8 RULES (BY REFERENCE 2023 NEC)

ACCESSIBILITY: BARRIER FREE - ICC A117.1-2017

ENERGY CODE: 2021 MICHIGAN ENERGY CODE

**BUILDING DATA**

EXISTING BUILDING AREA: 71,017 SF  
CONSTRUCTION TYPE= 1B  
NON-SPRINKLERED

RENOVATION AREA: 6,742 SF

**USE AND OCCUPANCY**

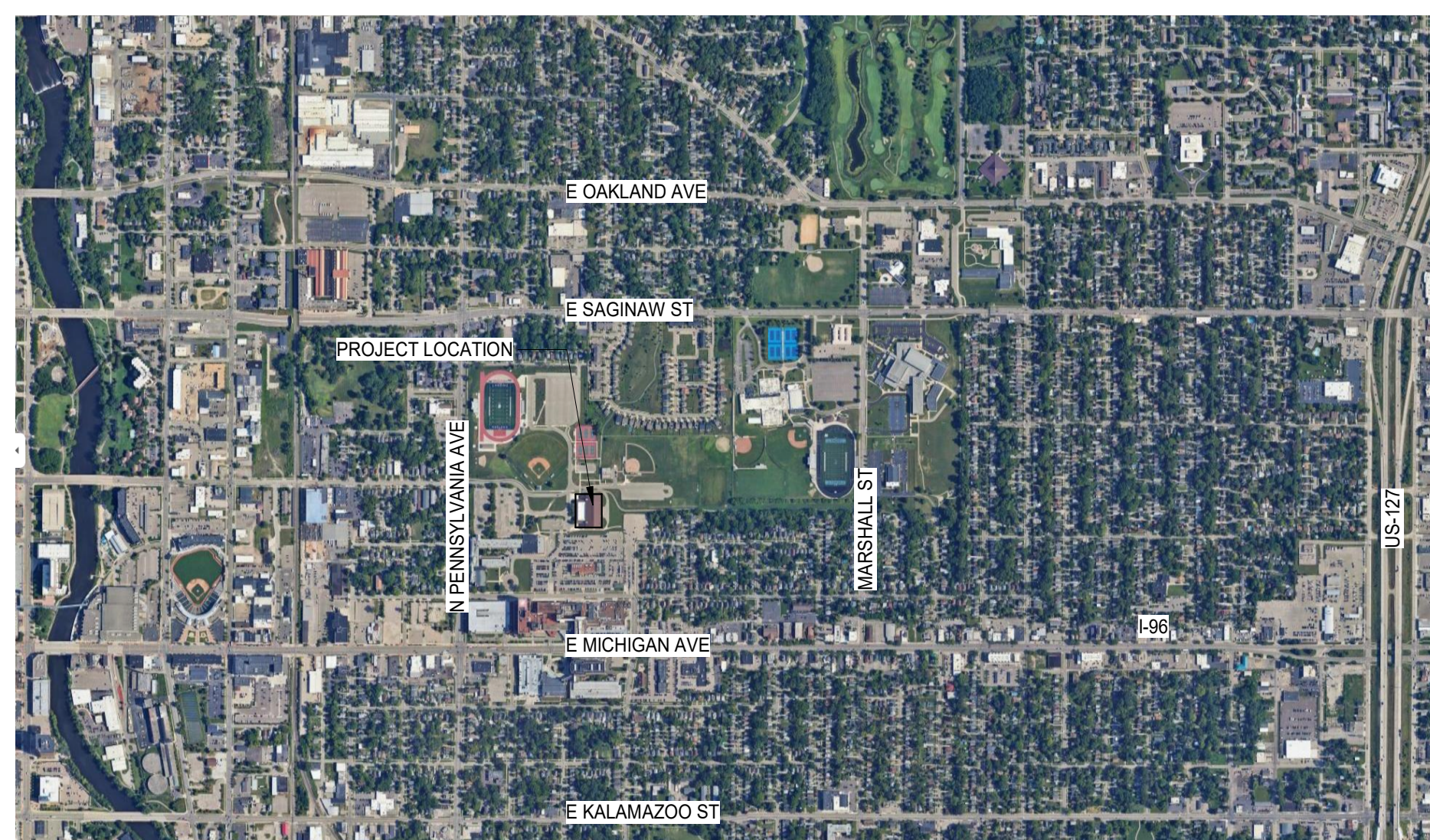
BUILDING IS CLASSIFIED AS "A" ASSEMBLY

**INTERIOR FINISH**

SECTION 803 INTERIOR FINISH AND TRIM: NON-SPRINKLERED TABLE 803.11  
INTERIOR FINISHES AND TRIM SHALL MEET FLAME SPREAD, SMOKE DEVELOPED AND CLASS RATINGS AS REQUIRED FOR SPECIFIC USE AND AREA: A

REV	DATE	DESCRIPTION
4	05/07/26	BIDS AND PERMITS
5	06/01/26	ADDENDUM #1

## PROJECT LOCATION MAP



MI ARCHITECTURE  
FIRM LICENSE # NL000605

DRAWING NUMBER:  
**G000**

APPLICABLE CODE: COMPLIANCE WITH THE 2021 MICHIGAN BUILDING, REHABILITATION, AND ENERGY CONSERVATION CODES (BASED ON 2021 I-CODES), 2021 MICHIGAN MECHANICAL CODE, 2021 PLUMBING CODE (BASED ON 2021 IPC) INCLUDING MICHIGAN ADDENDA AND ERRATA; 2023 MICHIGAN ELECTRICAL CODE, PART 8 RULES BY REFERENCE, 2023 IFC; BOILER CODE (2019 ASME BOILER AND PRESSURE VESSEL CODES WITH ADDENDA); ELEVATOR CODE (2016 ASME 17.1, 2011 ASME A18.1 AND ELEVATOR SAFETY BOARD GENERAL RULES, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES (ICC A117.1-17), AND OTHER LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS APPLICABLE TO THIS PROJECT.

BUILDING CODE SUMMARY

PROJECT INFORMATION: PROJECT NAME: DON JOHNSON FIELD HOUSE REHAB, PROJECT NUMBER: 26000063A, PREPARED BY: D COLELLA, CHECKED BY: , DATE: 1/26/26

REHABILITATION OF EXISTING STRUCTURES: PER THE 2021 MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS (2021 IBC), ALTERATIONS - LEVEL 1, ALTERATIONS - LEVEL 2, ALTERATIONS - LEVEL 3, CHANGE OF OCCUPANCY, FORMER OCCUPANCY CLASSIFICATION(S): ASSEMBLY, NEW OCCUPANCY CLASSIFICATION(S): ASSEMBLY, PARTIAL CHANGE OF OCCUPANCY: YES, SEPARATED: NO, NOT SEPARATED: NO

OCCUPANCY CLASSIFICATION AND MIXED OCCUPANCIES: SINGLE, ACCESSORY - GROUP, MIXED OCCUPANCY, SEPARATED, NON-SEPARATED, COMBINATION, IF SEPARATED, FIRE RESISTANCE RATING OF FIRE BARRIER: 13, 13R, ALT. FIRE PROTECTION SYSTEM: , NFPA STANDARD: 13, 13R

AUTOMATIC SPRINKLER SYSTEM PROVIDED THROUGHOUT BUILDING: YES, PARTIAL/LIMITED-AREA SPRINKLER SYSTEM: YES, NFPA STANDARD: 13, 13R, ALT. FIRE PROTECTION SYSTEM:

HEIGHT & AREA - ACTUAL: BUILDING HEIGHT, EXISTING, PROPOSED ADDITION, BUILDING AREA SUMMARY: NEW, EXISTING, ALTERATION, TOTAL

BUILDING AREA SUMMARY: NEW, EXISTING, ALTERATION, TOTAL

CONSTRUCTION TYPE: IB SECTION 601, FIRE RESISTANCE OF BUILDING ELEMENTS: BUILDING ELEMENTS, REQUIRED, PROVIDED, SECTION

INTERIOR FINISH: WALL AND CEILING, FINISH CLASS, LOCATION, FINISH CLASS, OCCUPANCIES

INTERIOR FINISH: FINISH CLASS, OCCUPANCIES

FIRE PROTECTION SYSTEMS: SIZE AND LOCATION OF FIRE AREAS INDICATED ON CODE COMPLIANCE DRAWING(S), FIRE PROTECTION SYSTEM, REQUIRED, PROVIDED, SECTION

REHABILITATION CODE - CHANGE OF OCCUPANCY: PARTIAL CHANGE OF OCCUPANCY, WITHOUT SEPARATION, CHANGE OF USE, CHANGE OF OCCUPANCY CLASSIFICATION(S), FIRE SPRINKLER SYSTEM, MEANS OF EGRESS HAZARD CATEGORIES, HEIGHTS & AREAS HAZARD CATEGORIES, EXT. WALL EXPOSURE HAZARD CATEGORIES, ENCLOSURE OF VERTICAL SHAFTS

MEANS OF EGRESS: DESIGN OCCUPANT LOAD SUMMARY, EXIST OCC. GROUP, NEW OCC. GROUP, 1ST, 2ND

MEANS OF EGRESS ELEMENT: NUMBER OF EXITS, EXIT ACCESS TRAVEL DISTANCE, DEAD-END LIMIT, COMMON PATH OF TRAVEL LIMIT, CORRIDOR FIRE-RESIST. RATING

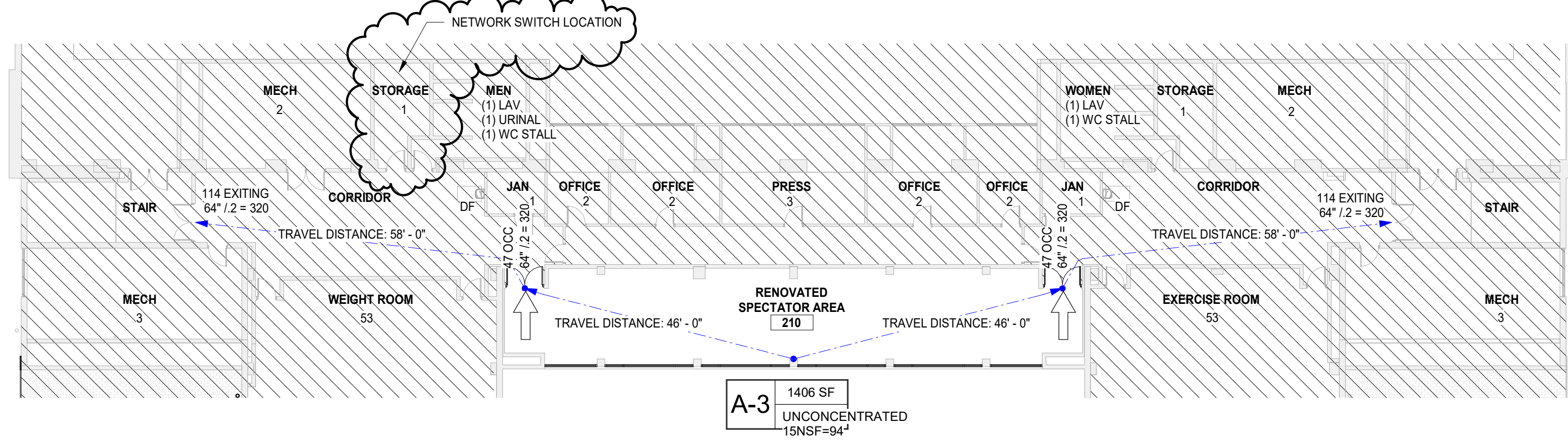
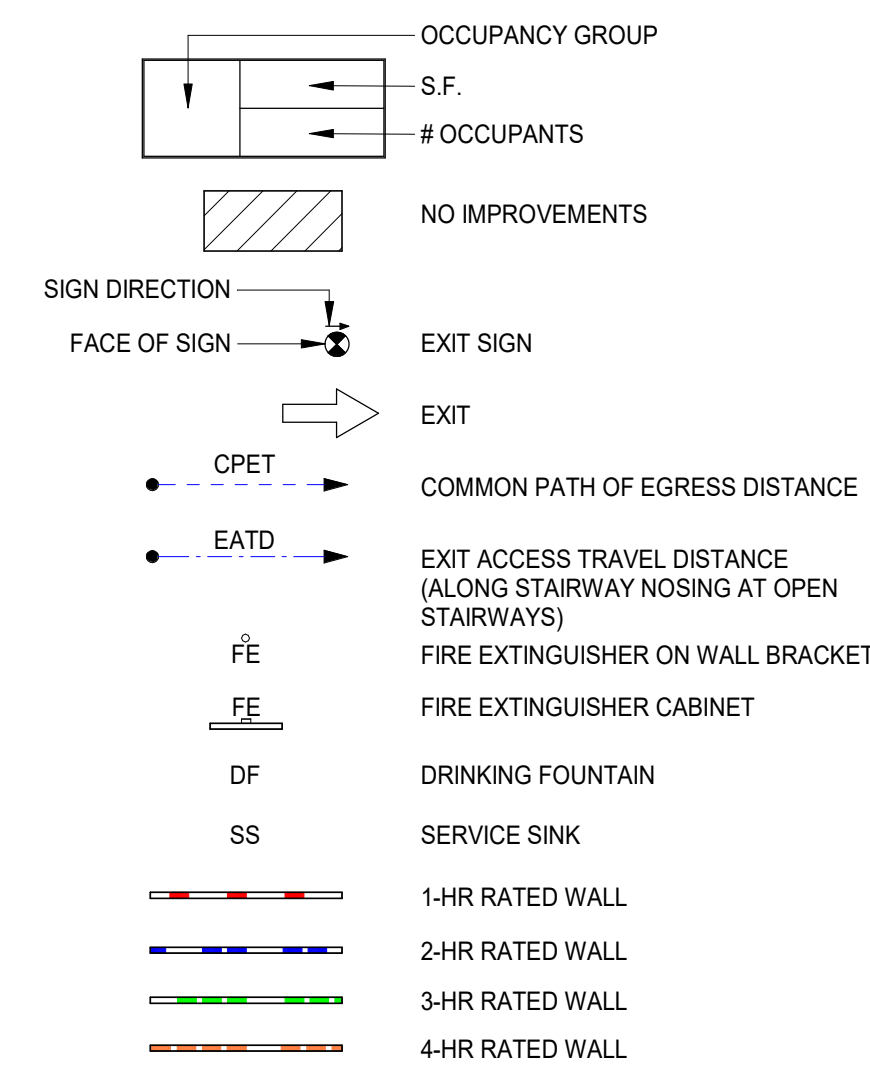
EGRESS WIDTH: DOORS/OTHER, FIRST FLOOR, SECOND FLOOR

PLUMBING FIXTURE REQUIREMENTS: FLOOR, OCCUPANCY CLASSIFICATION, OCCUPANT LOAD, WATER CLOSETS, URINALS, D.F., LAVATORIES

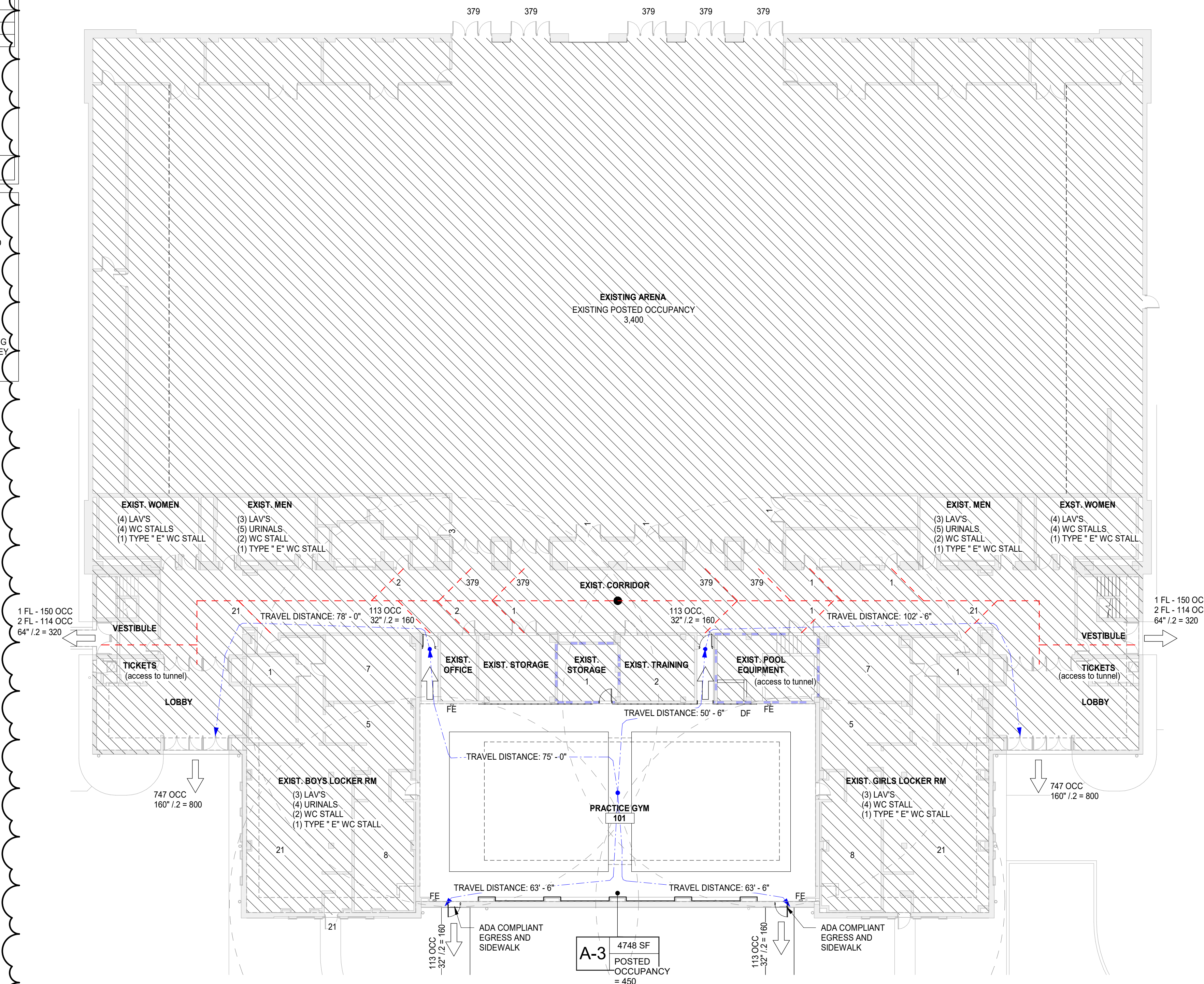
SEPARATE FACILITIES FOR EACH GENDER REQUIRED?, SEPARATE EMPLOYEE FACILITIES REQUIRED?, LOCATION OF EMPLOYEE FACILITIES COMPLIES?, LOCATION OF PUBLIC FACILITIES COMPLIES?, OTHER PLUMBING FIXTURE REQUIREMENTS?

ADDITIONAL NOTES: COMPLIANCE: PROVIDE FIRE EXTINGUISHERS IN CONFORMANCE WITH THE INTERNATIONAL FIRE CODE SECTION 906 AND COORDINATE WITH FIRE MARSHAL PRIOR TO INSTALLATION. DO NOT INSTALL FIRE EXTINGUISHERS UNTIL LOCATIONS HAVE BEEN REVIEWED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION. OBTAIN ALL REQUIRED PERMITS AND PAYMENT OF PERMIT AND APPLICATION FEES FOR THE WORK. CERTIFICATIONS: THE ARCHITECTS CERTIFICATION IS ONLY FOR THE WORK SHOWN TO BE DONE. IT DOES NOT CONSTITUTE APPROVAL OF PRE-EXISTING CONDITIONS OR REVIEW OF THOSE CONDITIONS FOR CODE COMPLIANCE.

LEGEND



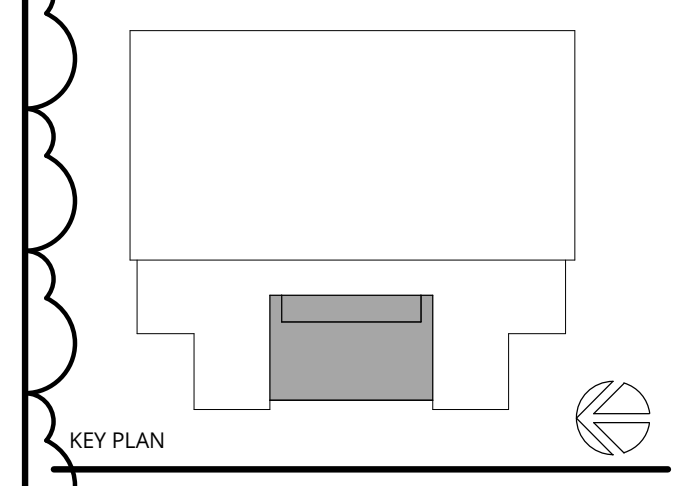
B 2nd FLOOR LIFE SAFETY PLAN SCALE: 1/16" = 1'-0"



A 1st FLOOR LIFE SAFETY PLAN SCALE: 1/16" = 1'-0"

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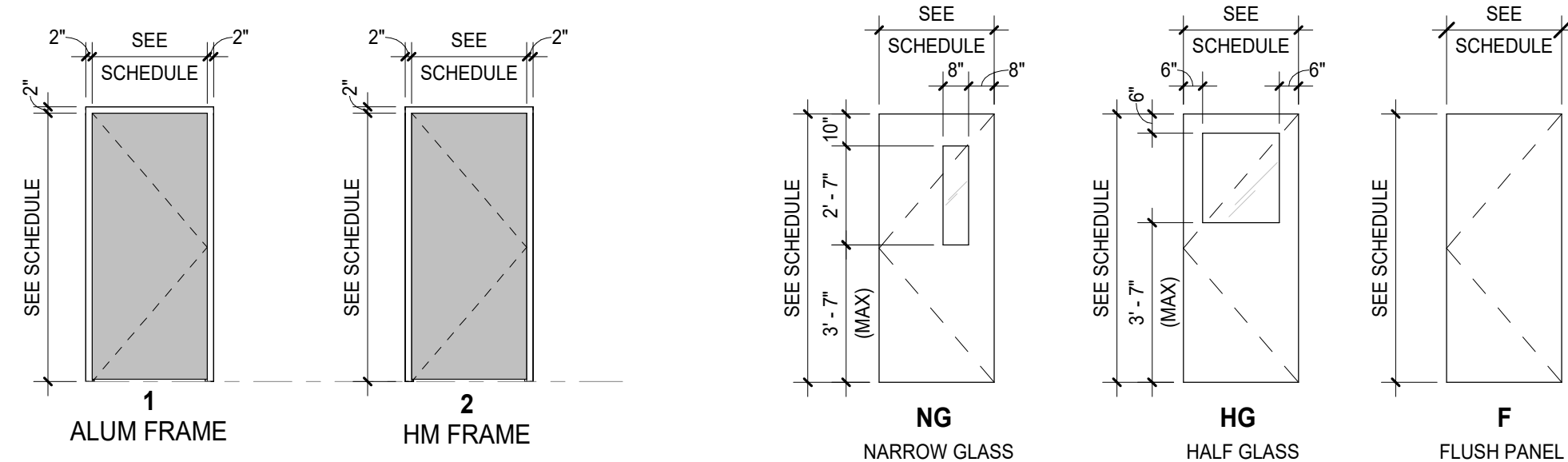
REVISIONS: REV, DATE, DESCRIPTION: 05/07/26 BIDS AND PERMITS, 06/01/26 ADDENDUM #1



LANSING SCHOOL DISTRICT, DON JOHNSON FIELD HOUSE - POOL RENOVATIONS SO-1855, 400 N PENNSYLVANIA AVE LANSING, MI 48912

MI ARCHITECTURE FIRM LICENSE # NLP000605

Colliers Engineering & Design logo, PROJECT MANAGER: C NORRIS, DISCIPLINE LEAD: B HUYLER, DESIGNER: D COLELLA, REVIEWER: , DATE ISSUED: 05/07/26, PROJECT NUMBER: 26000063A, SHEET NAME: CODE COMPLIANCE & LIFE SAFETY PLANS, DRAWING NUMBER: G001



DOOR - FRAME TYPES

DOOR - TYPES

DOOR #	WIDTH	HEIGHT	DOOR			FRAME		DETAILS			GENERAL			DOOR #
			THK.	TYPE	MAT-FIN	TYPE	MAT-FIN	HEAD	JAMB	SILL	HDWR	RATING	REMARKS	
1ST FLOOR														
101A	3'-0"	7'-2"	0'-1 1/4"	NG	FRP	1	ALUM - ANOD	7/A101	5/A101	6/A101	04	-	90 MIN	101A
101B	3'-0"	7'-2"	0'-1 1/4"	NG	FRP	1	ALUM - ANOD	7/A101	5/A101	6/A101	04	-	90 MIN	101B
101C	3'-0"	7'-0"	0'-1 1/4"	NG	FRP	EXIST	EXIST HM - PT	EXIST	EXIST	EXIST	02	-	90 MIN	101C
101D	3'-0"	7'-0"	0'-1 1/4"	NG	FRP	EXIST	EXIST HM - PT	EXIST	EXIST	EXIST	02	-	90 MIN	101D
101E	3'-0"	7'-0"	0'-1 1/4"	-	EXIST	EXIST	EXIST HM - PT	EXIST	EXIST	EXIST	05	-	90 MIN	101E
101F	3'-0"	7'-0"	0'-1 1/4"	-	EXIST	EXIST	EXIST HM - PT	EXIST	EXIST	EXIST	05	-	90 MIN	101F
102	3'-0"	7'-0"	0'-1 1/4"	F	FRP	2	HM - PT	4/A101	4/A101	---	01	-	90 MIN	102
2ND FLOOR														
210AB	6'-0"	7'-0"	0'-1 1/4"	HG	FRP	EXIST	EXIST HM - PT	EXIST	EXIST	EXIST	03	-	90 MIN	210AB
210CD	6'-0"	7'-0"	0'-1 1/4"	HG	FRP	EXIST	EXIST HM - PT	EXIST	EXIST	EXIST	03	-	90 MIN	210CD

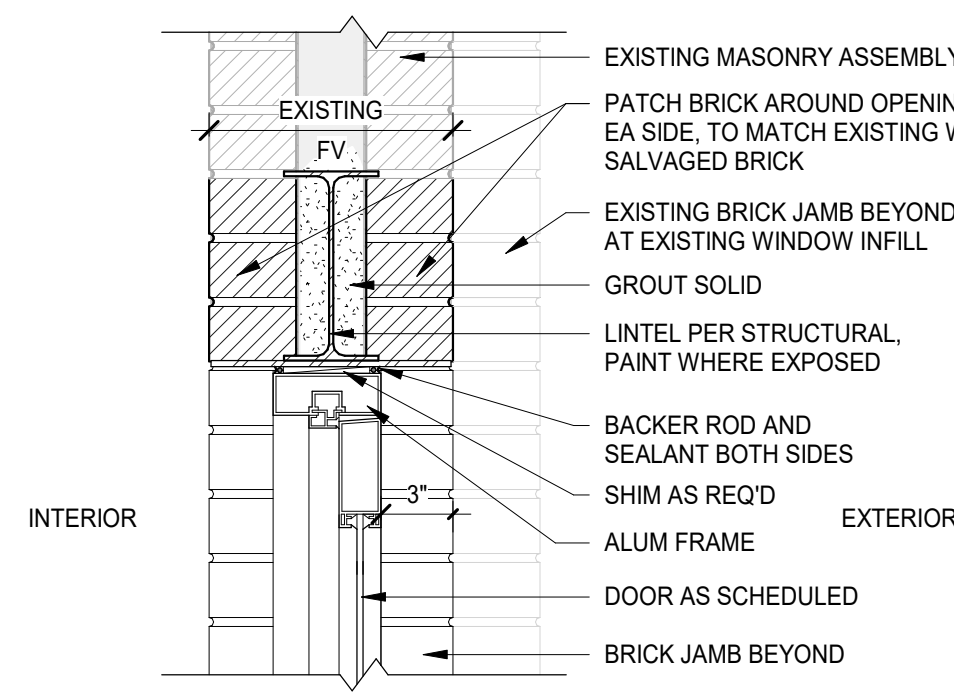
GENERAL NOTES

- A. REFER TO A001 SERIES DRAWINGS FOR SYMBOLS, NOTES, AND ADDITIONAL CODE INFORMATION.
- B. REFER TO AD100 SERIES DRAWINGS FOR DEMOLITION PLANS.
- C. REFER TO A120 SERIES DRAWINGS FOR REFLECTED CEILING PLANS AND DETAILS.
- D. REFER TO A140 SERIES DRAWINGS FOR GYM FLOOR STRIPING PLANS AND GENERAL FINISH NOTES.
- E. ADJUST SITE GRADING AS REQ'D TO MEET EXIST SIDEWALK. CONTRACTOR RESPONSIBLE FOR REPAIRING GRASS AREAS DISTURBED BY CONSTRUCTION TO LIKE CONDITIONS (NEW TOP SOIL, REGRADING, AND SEED).

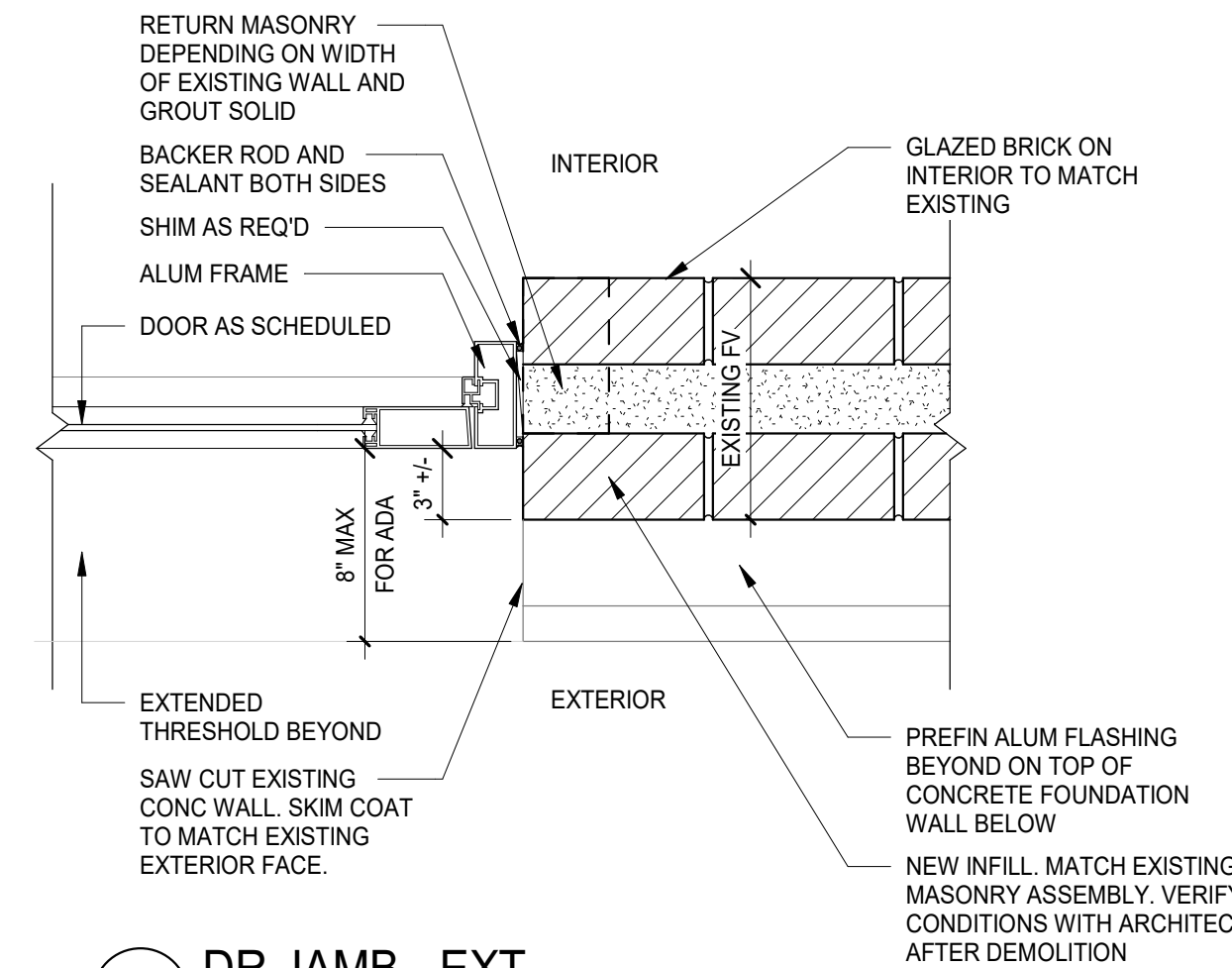
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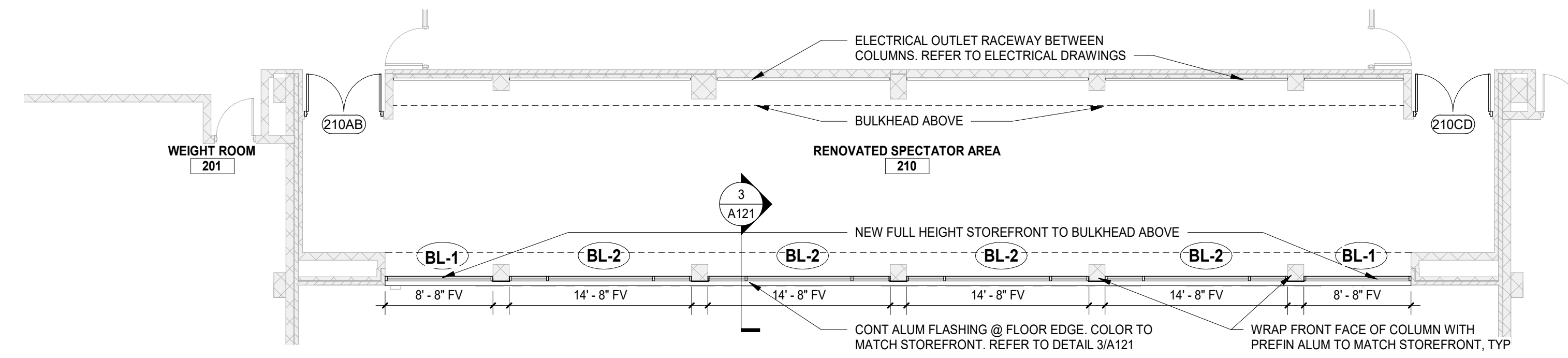
REV	DATE	DESCRIPTION
4	05/07/26	BIDS AND PERMITS
5	06/01/26	ADDENDUM #1



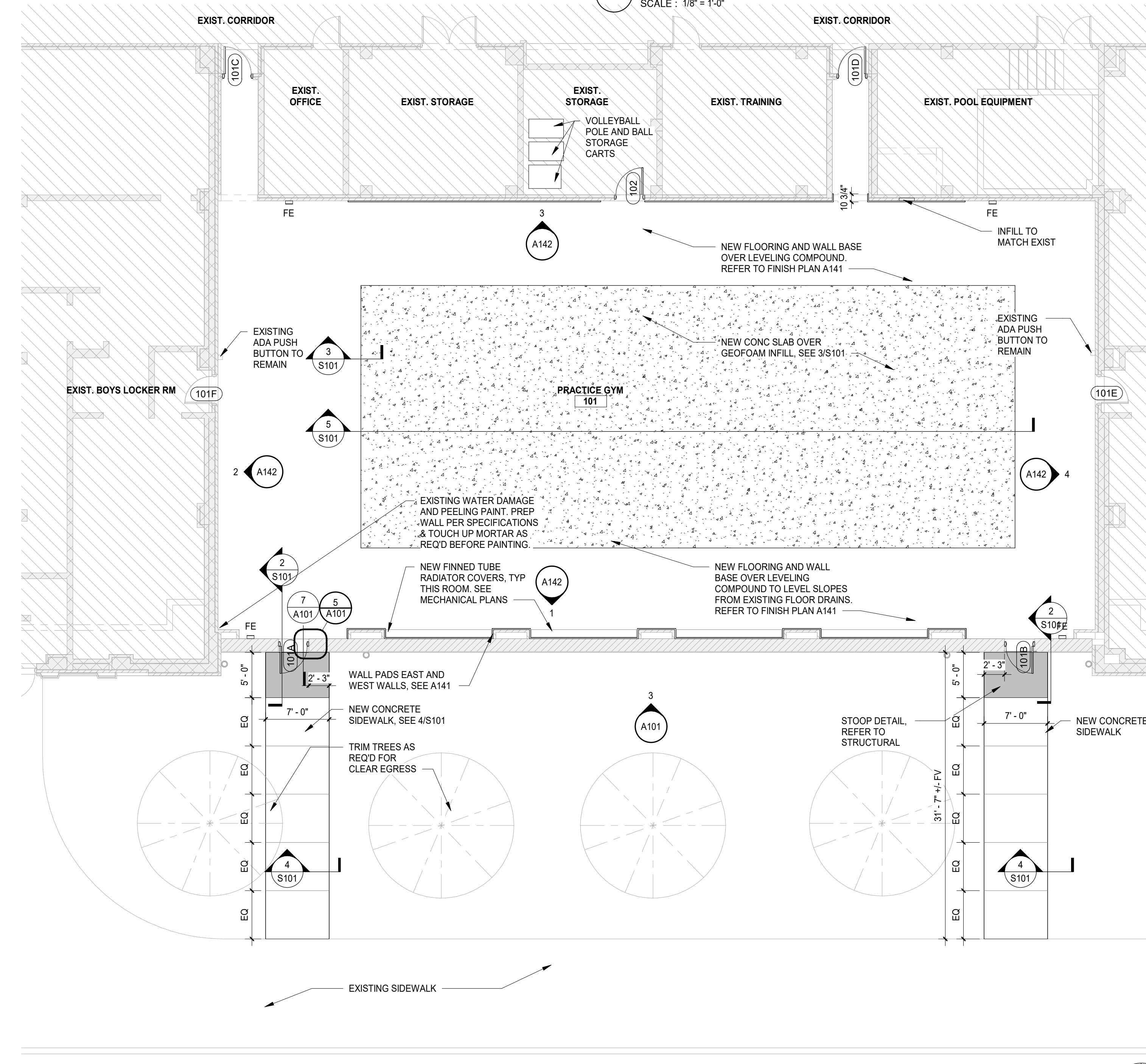
7 DR HEAD - EXT  
SCALE: 1 1/2" = 1'-0"



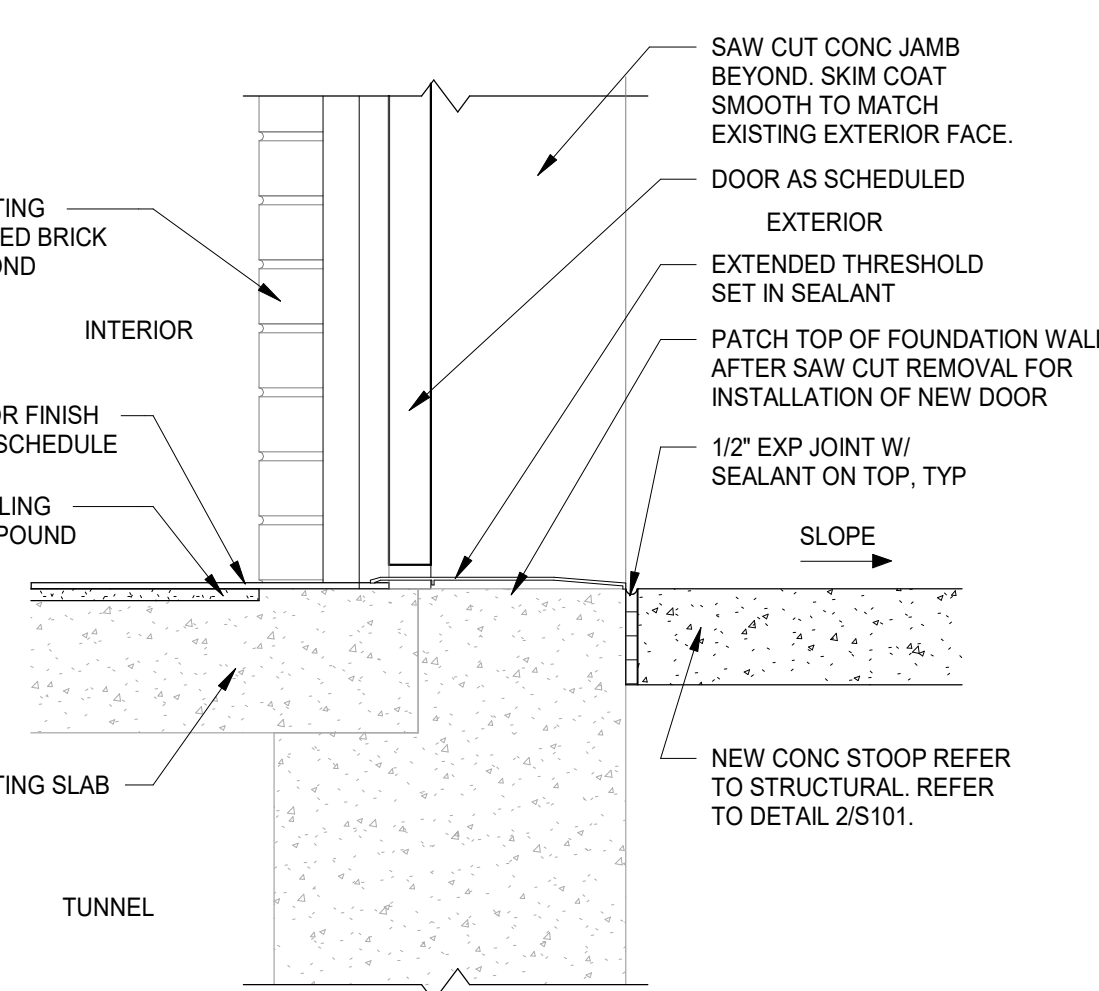
5 DR JAMB - EXT  
SCALE: 1 1/2" = 1'-0"



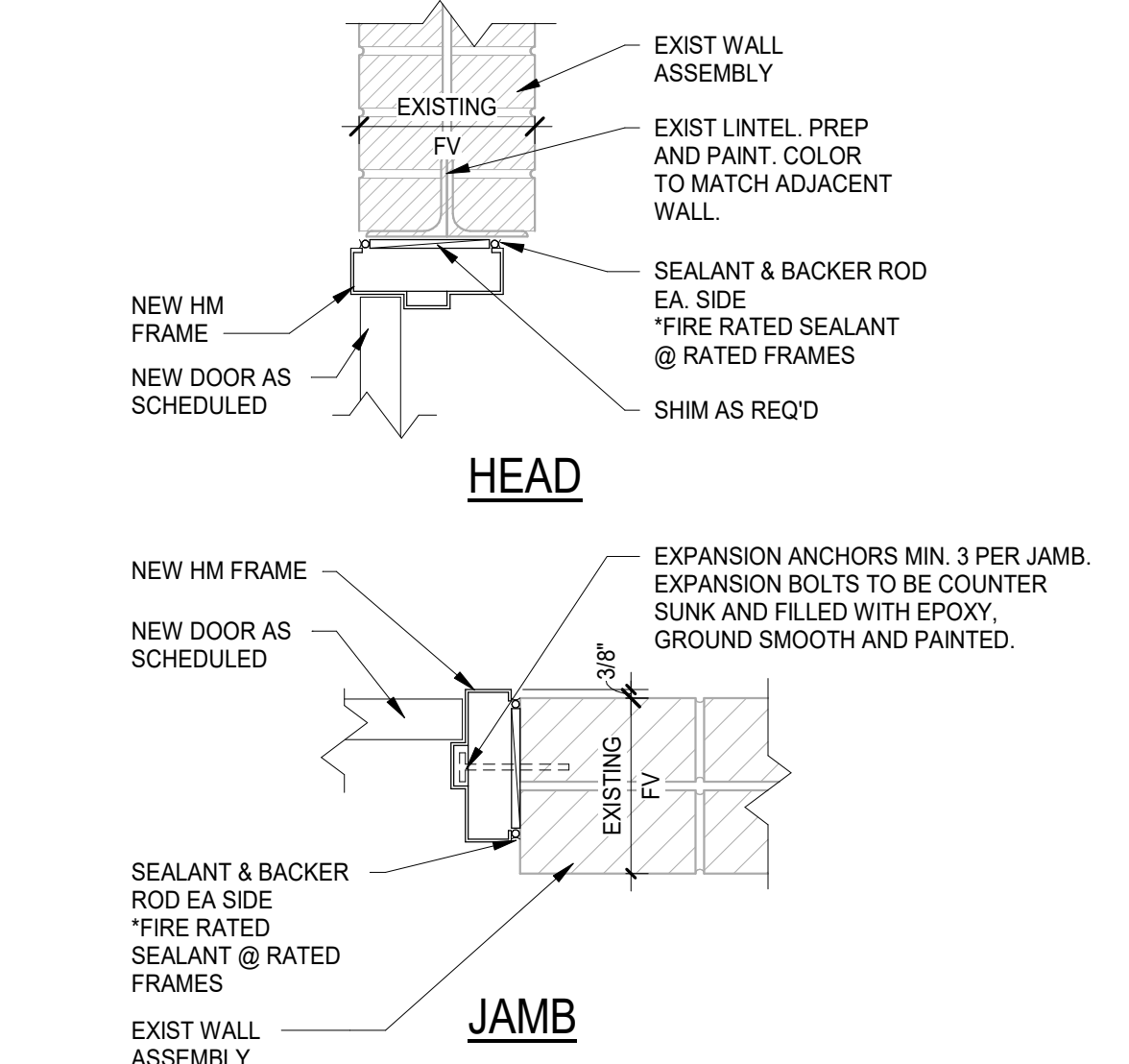
2 SECOND FLOOR PLAN  
SCALE: 1/8" = 1'-0"



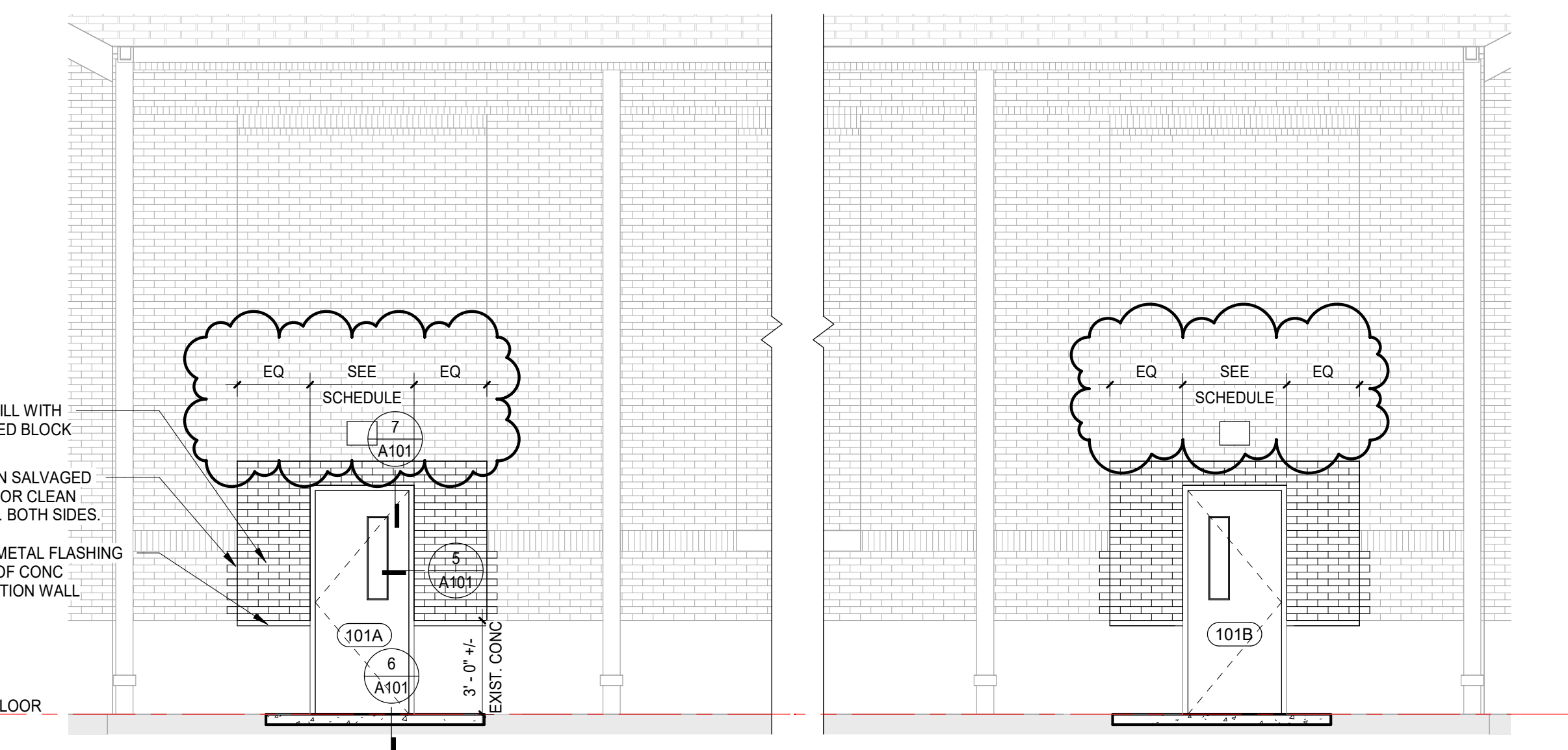
1 FIRST FLOOR PLAN  
SCALE: 1/8" = 1'-0"



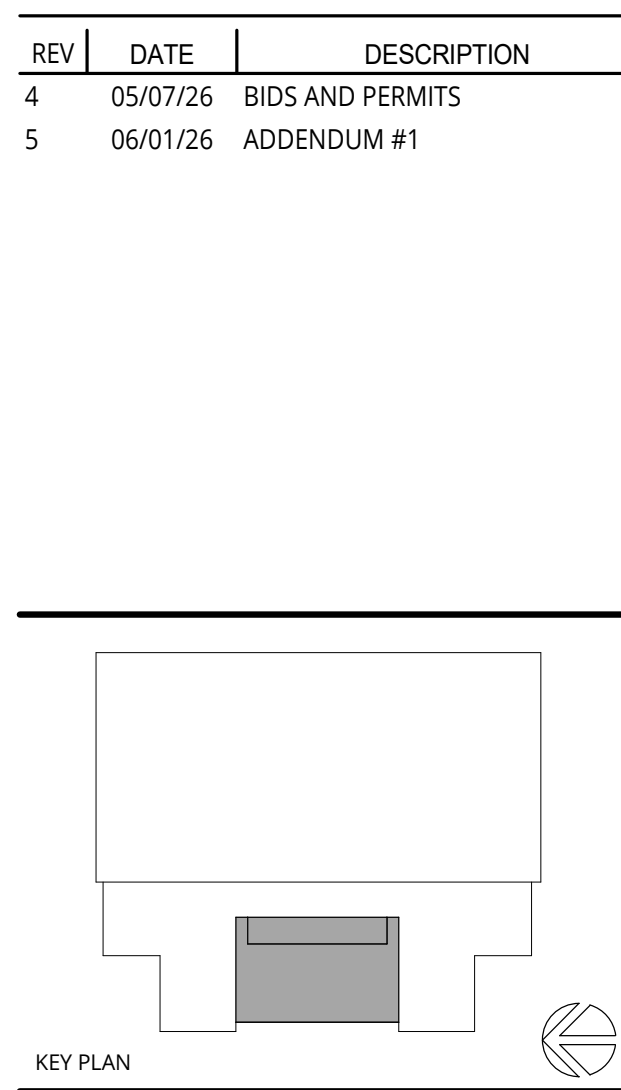
6 DR SILL - EXT  
SCALE: 1 1/2" = 1'-0"



4 TYP. HM HEAD & JAMB DETAILS @ DR 102  
SCALE: 1 1/2" = 1'-0"



3 EXTERIOR ELEVATION - WEST  
SCALE: 1/4" = 1'-0"



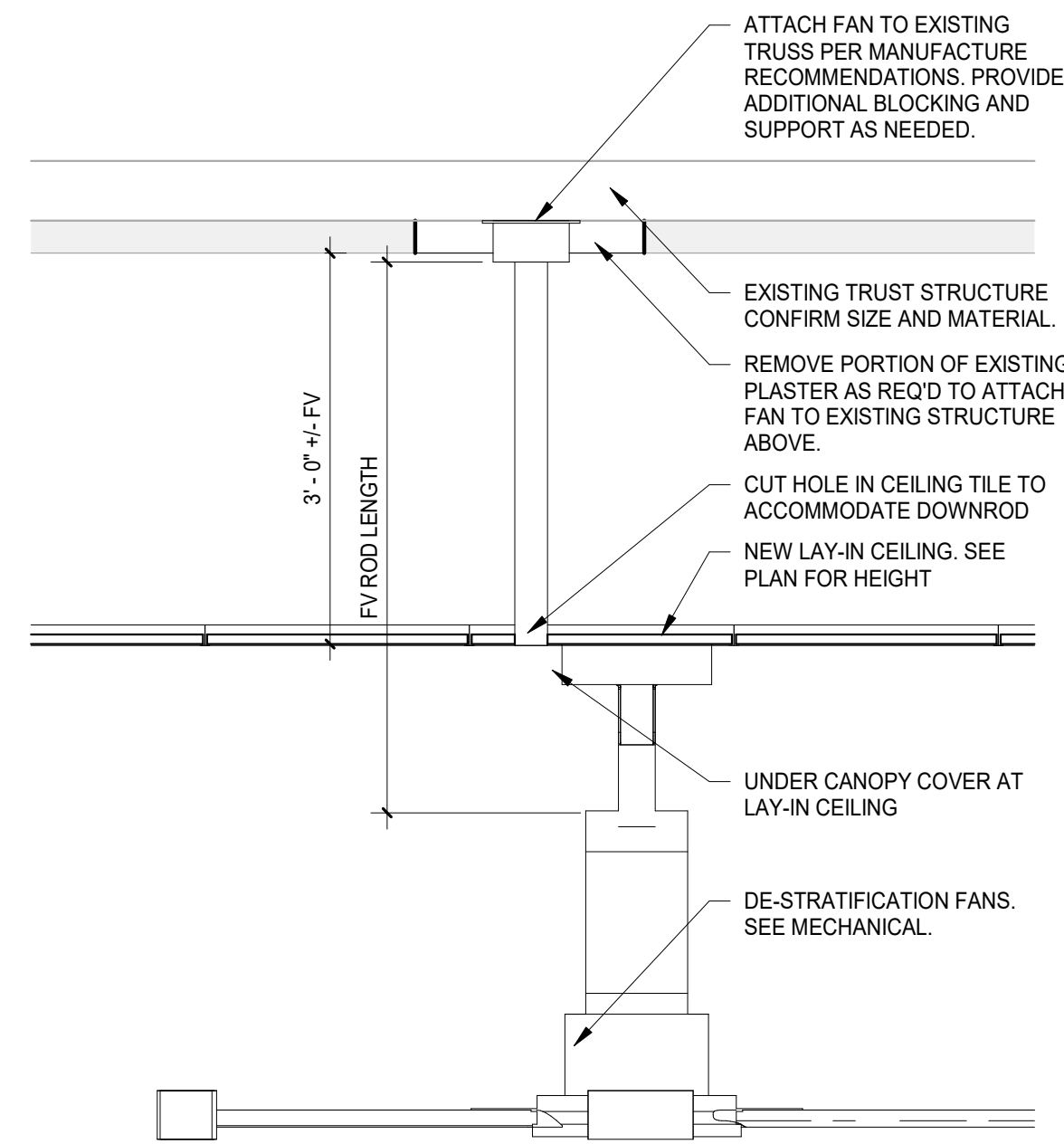
**LANSING SCHOOL DISTRICT**  
**DON JOHNSON FIELD HOUSE - POOL RENOVATIONS SO-1855**  
400 N PENNSYLVANIA AVE  
LANSING, MI 48912

MI ARCHITECTURE  
FIRM LICENSE # NLP000605

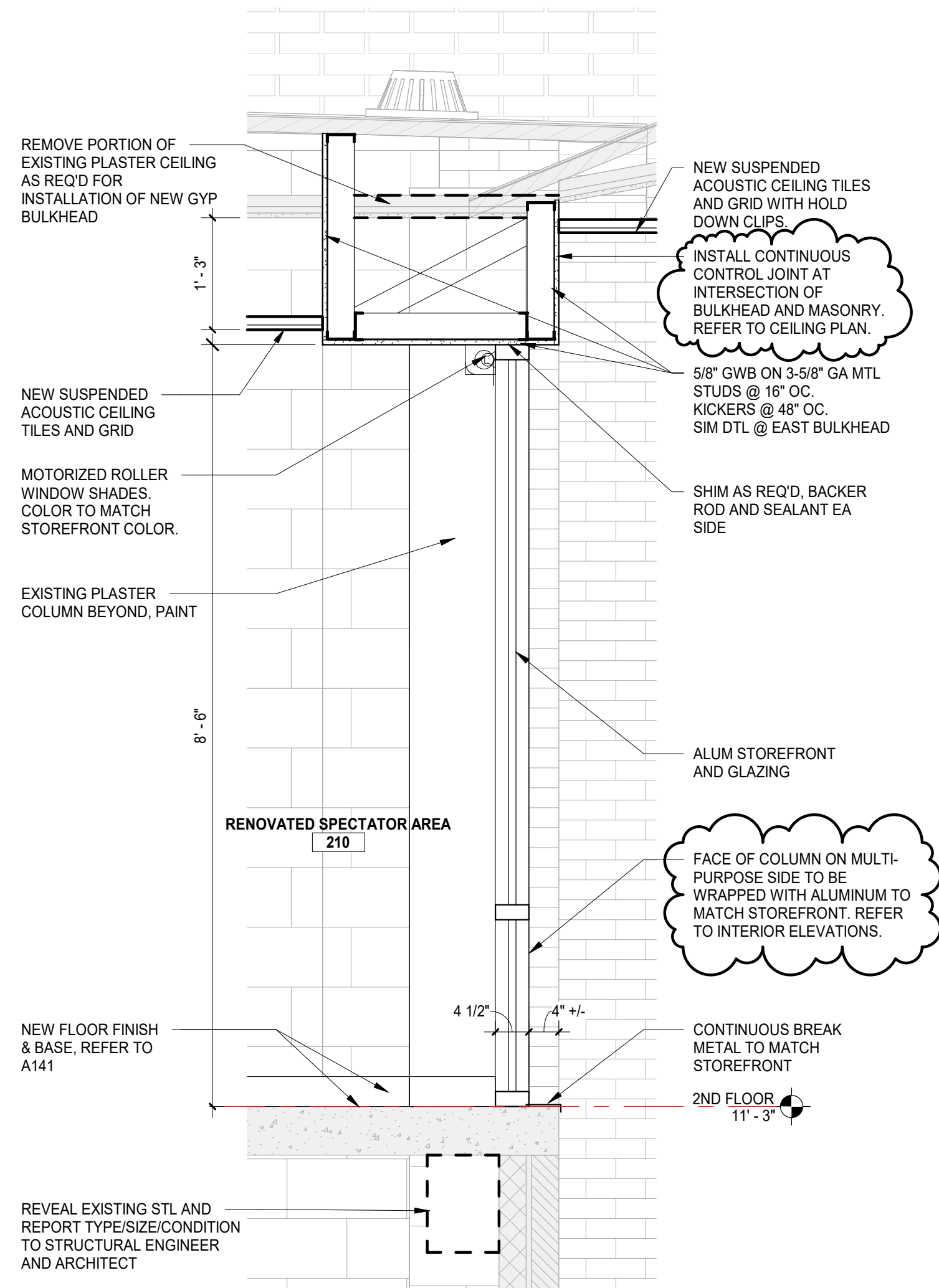
**Colliers**  
Engineering & Design

PROJECT MANAGER: <b>C NORRIS</b>	DISCIPLINE LEAD: <b>B HUYLER</b>
DESIGNER: <b>E POST</b>	REVIEWER: <b>B HUYLER</b>
DATE ISSUED: <b>05/07/26</b>	PROJECT NUMBER: <b>26000063A</b>
SHEET NAME:	

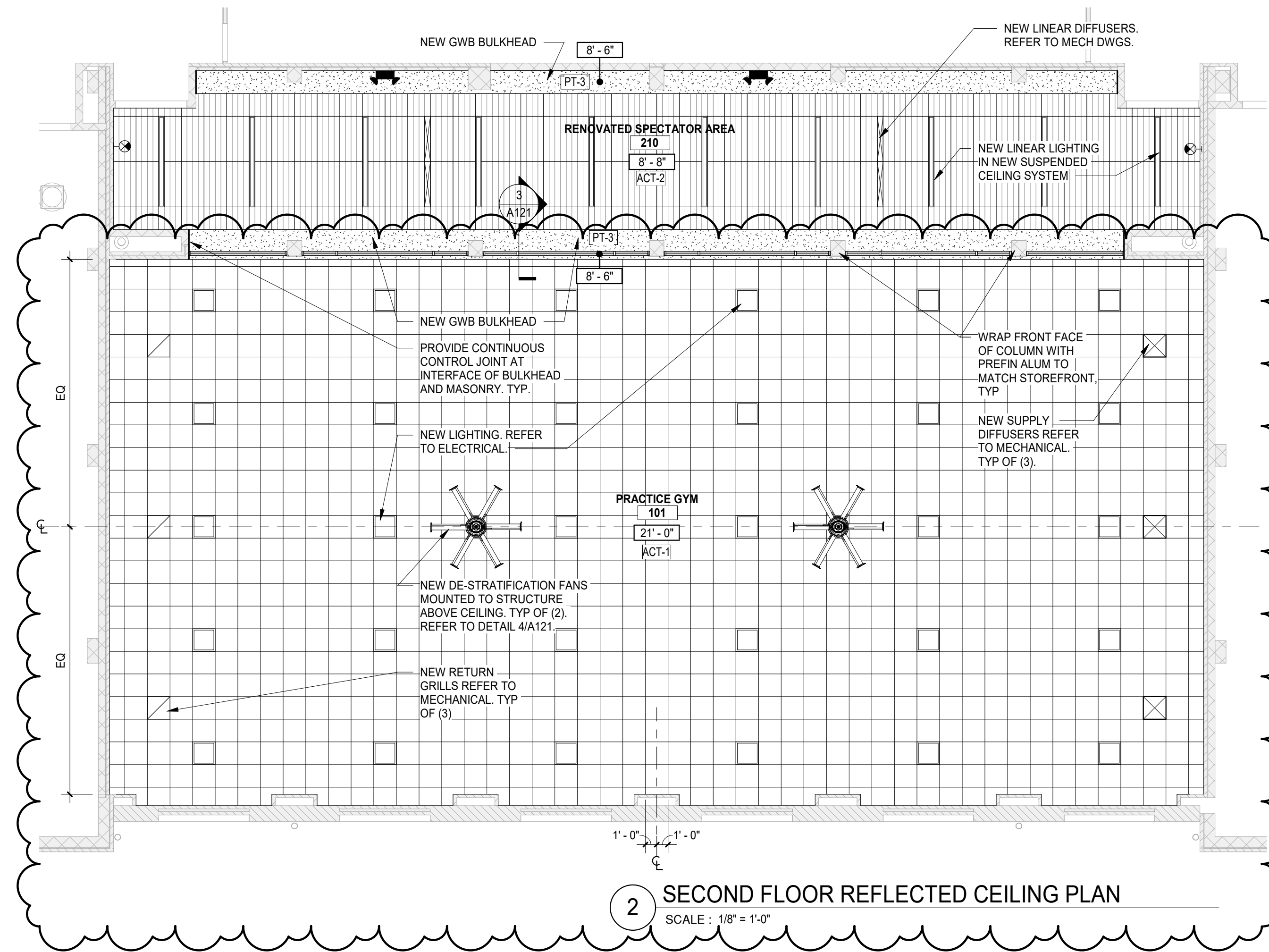
FLOOR PLANS  
DRAWING NUMBER:  
**A101**



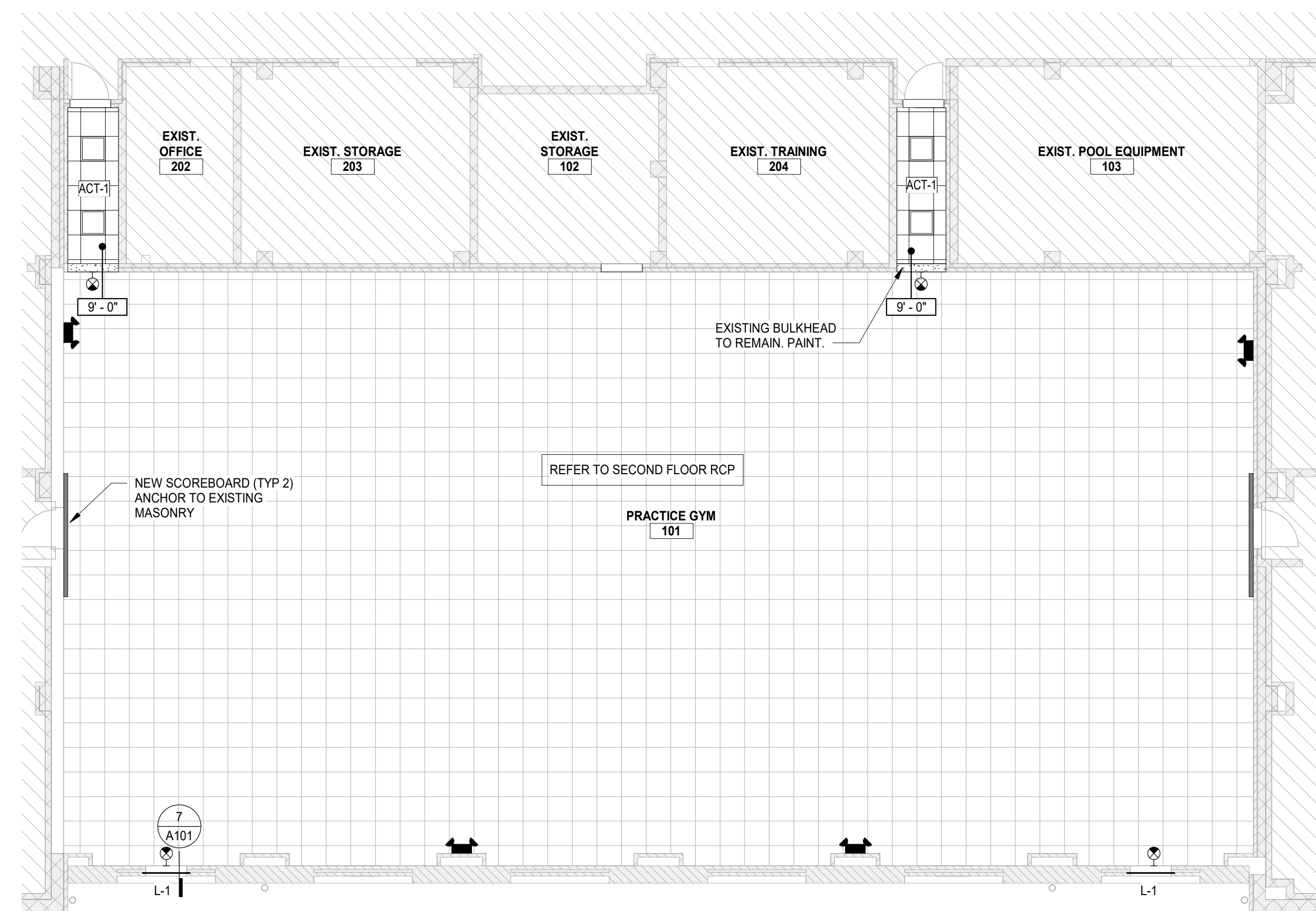
4 TYPICAL FAN MOUNTING DETAIL  
SCALE: 3/4" = 1'-0"



3 SPECTATOR STOREFRONT  
SCALE: 3/4" = 1'-0"



2 SECOND FLOOR REFLECTED CEILING PLAN  
SCALE: 1/8" = 1'-0"



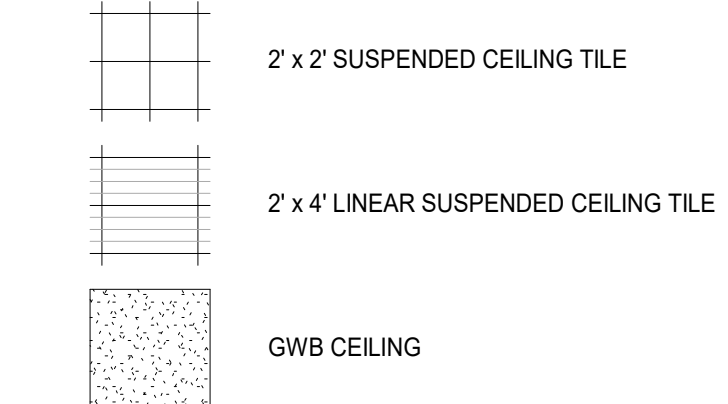
1 FIRST FLOOR REFLECTED CEILING PLAN  
SCALE: 1/8" = 1'-0"

GENERAL NOTES

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CEILING LEGEND

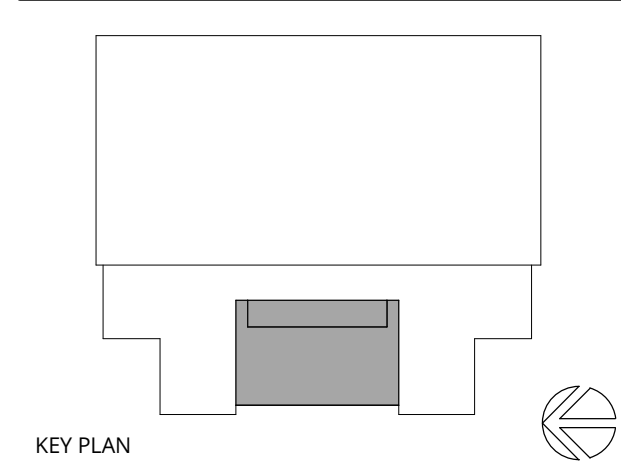
NOTE: SEE OTHER DISCIPLINE DRAWINGS (E.G. MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS) FOR ASSOCIATED SYSTEMS AND INFORMATION ABOUT SYMBOLS NOT INDICATED IN THIS LEGEND.



LINTEL SCHEDULE

MARK	MEMBER	BEAM BRG EL
L-1	W8X10 W/ 1'-2" W X 1/2" THK PL BOT	PER ARCH

REV	DATE	DESCRIPTION
4	05/07/26	BIDS AND PERMITS
5	06/01/26	ADDENDUM #1



LANSING SCHOOL DISTRICT

DON JOHNSON FIELD HOUSE - POOL RENOVATIONS SO-1855  
400 N PENNSYLVANIA AVE  
LANSING, MI 48912

MI ARCHITECTURE  
FIRM LICENSE # NLP000605

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Architecture, Landscape Architecture,  
Surveying, CT F.C.

PROJECT MANAGER: C NORRIS  
DISCIPLINE LEAD: B HUYLER  
DESIGNER: E POST  
REVIEWER:  
DATE ISSUED: 05/07/26  
PROJECT NUMBER: 26000063A  
SHEET NAME:

REFLECTED CEILING PLANS

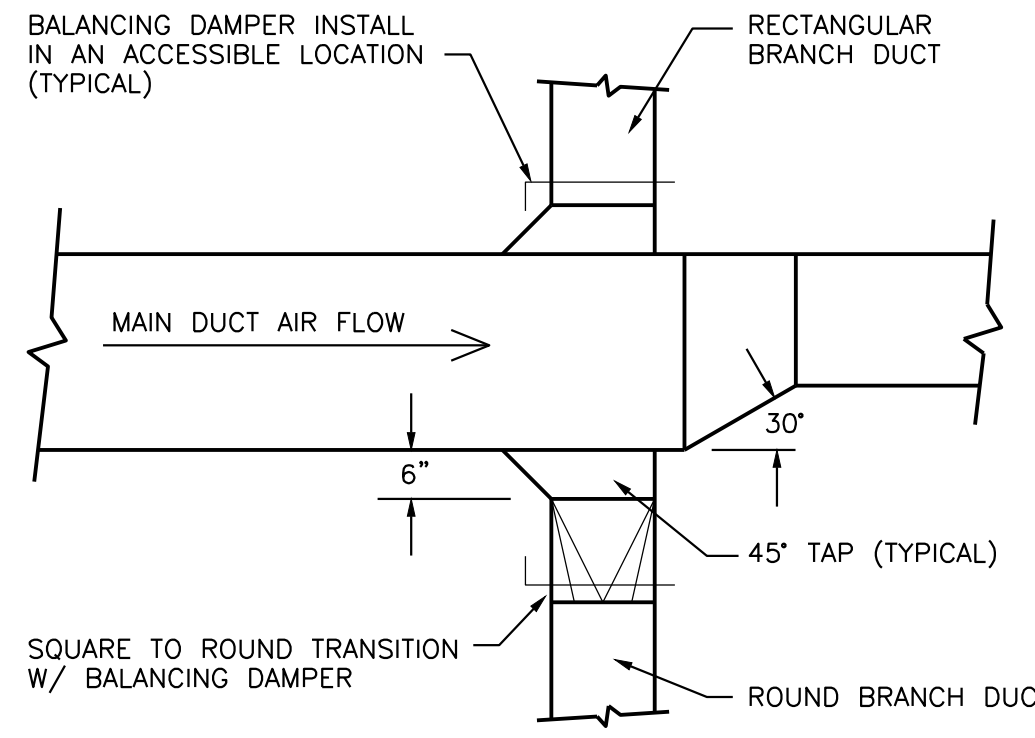
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A121

**GENERAL MECHANICAL REQUIREMENTS**

- ENTIRE INSTALLATION SHALL BE IN COMPLIANCE WITH 2021 MICHIGAN MECHANICAL CODE.
- DUCTWORK SHALL BE SHEET METAL CONFORMING TO CURRENT ASHRAE AND SMACNA STANDARDS FOR CONSTRUCTION AND INSTALLATION.
- PROVIDE DUCTWORK WITH A MINIMUM INSTALLED INSULATION VALUE OF R-4.2 OR 1-1/2" THICK. PROVIDE EXTERNAL THERMAL INSULATION WITH AN INTEGRAL VAPOR BARRIER FACING OF SUFFICIENT THICKNESS TO MEET ENERGY CODE REQUIREMENTS. NOTE: EXTERNAL INSULATION IS NOT REQUIRED WHERE DUCT IS INTERNALLY LINED. EXPOSED DUCTWORK SHALL BE PROVIDED WITH "PAINT GRIP" ONLY.
- ALL SUPPLY DIFFUSERS SHALL BE BALANCED TO WITHIN 10% OF VALUES LISTED.
- DO NOT INSTALL ANY DUCTWORK AROUND ELECTRICAL EQUIPMENT TO INSURE ALL CODE REQUIRED CLEARANCES. SEE ELECTRICAL PLANS FOR THESE LOCATIONS.
- MECHANICAL CONTRACTOR SHALL GUARANTEE WORKMANSHIP FOR ONE YEAR AFTER OCCUPANCY BY OWNER.
- THERMOSTATS MUST BE 7-DAY PROGRAMMABLE, AUTO CHANGEOVER TYPE.
- COORDINATE INSTALLATION OF FRESH AIR INTAKES AND EXHAUST PENETRATIONS AS REQUIRED TO MAINTAIN CODE CLEARANCES.

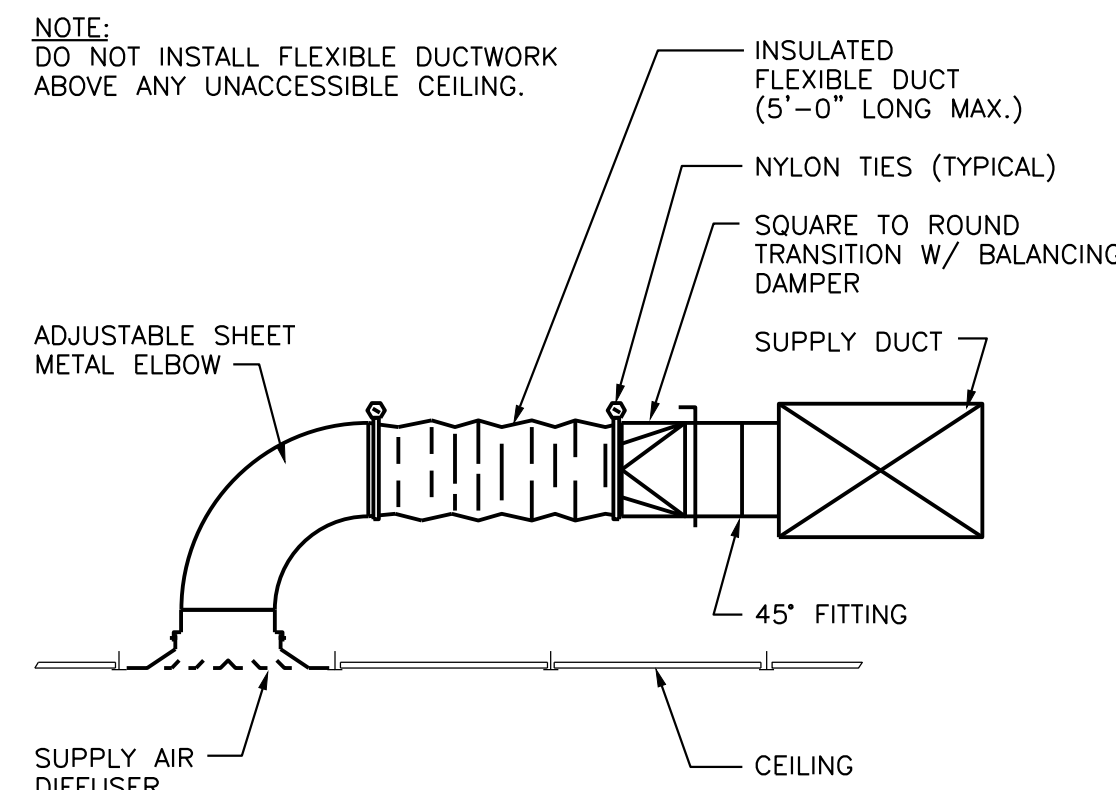
ABV	ABOVE	IE	INVERT ELEVATION
AC	AIR CONDITIONER	IH	INTAKE HOOD
ACCU	AIR COOLED CONDENSING UNIT	INSUL	INSULATION
AD	ACCESS DOOR	L	LOUVER
AFF	ABOVE FINISHED FLOOR	LAT	LEAVING AIR TEMPERATURE
AFG	ABOVE FINISHED GRADE	MAX	MAXIMUM
ARCH	ARCHITECT	MAU	MAKE-UP AIR UNIT
BLDG	BUILDING	MBH	1,000 BTUH
BTM	BOTTOM	MCA	MINIMUM CIRCUIT AMPACITY
CAP	CAPACITY	MECH	MECHANICAL
CFM	CUBIC FEET PER MINUTE	MIN	MINIMUM
CLG	CEILING	MOCP	MAX. OVERCURRENT PROTECT.
COMP	COMPRESSOR	MTD	MOUNTED
COP	COEFFICIENT OF PERFORMANCE	OA	OUTSIDE AIR
D	DIFFUSER	OAT	OUTSIDE AIR TEMPERATURE
DB	DRY BULB	OC	ON CENTER
DIA	DIAMETER	PDU	POOL DEHUMIDIFICATION UNIT
DN	DOWN	PLBG	PLUMBING
DWG	DRAWING(S)	PTAC	PACKAGE AIR CONDITIONER
DX	DIRECT EXPANSION (REFRIG)	R	REGISTER
EA	EXHAUST AIR	REFRIG	REFRIGERANT
EAT	ENTERING AIR TEMPERATURE	RH	RELIEF OR ROOF HOOD
ECH	ELECTRIC CABINET HEATER	RTU	ROOF TOP UNIT
EF	EXHAUST FAN	SA	SUPPLY AIR
EFT	ELECTRIC FIN TUBE	SEER	SEASON ENERGY EFF. RATIO
ELEC	ELECTRIC(AL)	SP	STATIC PRESSURE
ELEV	ELEVATION	SS	STAINLESS STEEL
EQUIP	EQUIPMENT	STD	STANDARD
ESP	EXTERNAL STATIC PRESSURE	STRUC	STRUCTURE, STRUCTURAL
F	FURNACE	TYP	TYPICAL
FC	FAN COIL	VTAC	VERTICAL AIR CONDITIONER
G	GRILLE OR GAS	W/	WITH
HP	HORSEPOWER	W/O	WITHOUT
		WB	WET BULB

**HVAC DUCTWORK ABBREVIATIONS**



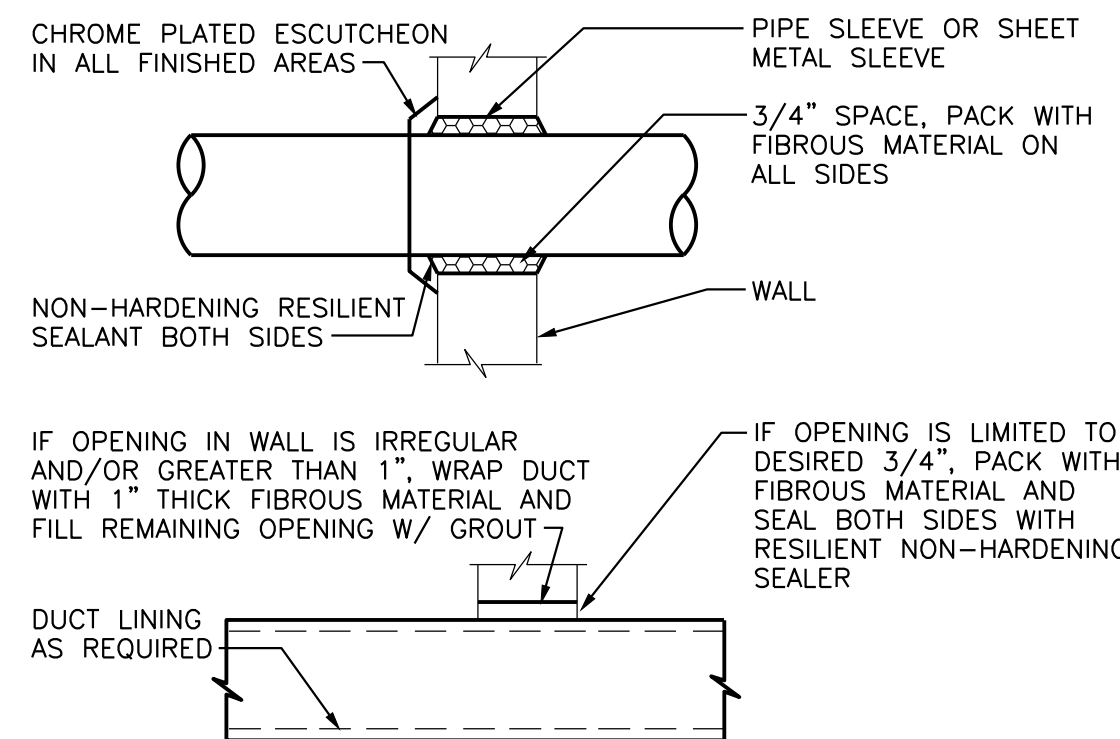
**TYPICAL BRANCH TAKE-OFF DETAIL**

NOT TO SCALE



**CEILING DIFFUSER INSTALLATION DETAIL**

NOT TO SCALE



**WALL PENETRATION DETAIL**

NOT TO SCALE

FAN SCHEDULE										
MARK	SERVICE	MODEL	CFM	S.P.	HP/WATTS/AMPS.	RPM	WHEEL DIA.	NOISE	VOLTAGE	REMARKS
DF-1	DESTRATIFICATION	DC-5-14	25,133	--	1/4 HP	35	14 FT.	28 dBA	115V-1PH	(2) (1)

- 1 BASED ON GREENHECK FIVE FANS
- 2 PROVIDE CAGE COVER FOR FAN BLADES

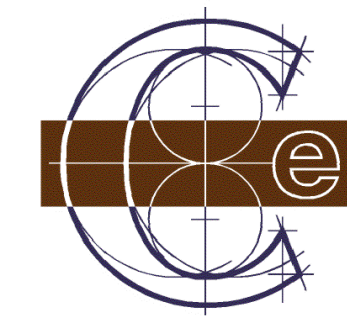
GRILLE, REGISTER AND DIFFUSER SCHEDULE							
MARK	SERVICE	MODEL	FACE SIZE (IN)	CONN. SIZE (IN)	AIRFLOW (CFM)	FINISH	REMARKS
SD-1	SUPPLY AIR	OMNI	24 X 24	18 X 18	1200	WHITE	(1)
SD-2	SUPPLY AIR	FL-10-TZ	48 X 6	12" OVAL	285	WHITE	(2) (1)
EG-1	EXHAUST AIR	33R	24 X 24	22 X 22	1140 - 1200	WHITE	(1)

- 1 BASED ON TITUS
- 2 1-SLOT LINEAR SLOT DIFFUSER, TITUS FL-TZ, TECHZONE 6" FRAME, HIGH THROW, WITH TITUS 12" OVAL FBP PLENUM

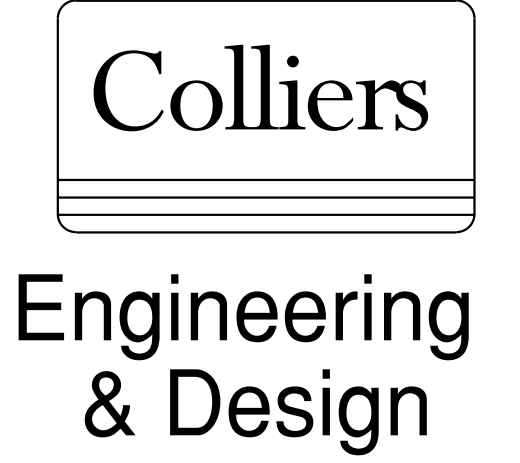
**ASHRAE STANDARD 62.1-2019 VENTILATION REQUIREMENTS SCHEDULE**

ZONE NAME	ROOM NAME	FLOOR AREA	REQUIRED O.A. (CFM/SQ.FT.) (R <sub>oa</sub> )	POPULATION OF AREA SERVED (P <sub>s</sub> )	REQUIRED O.A. (CFM/PERSON) (R <sub>ps</sub> )	AIR DISTRIBUTION EFFECTIVENESS (E <sub>z</sub> )	VENTILATION SYSTEM EFF. (E <sub>v</sub> )	REQUIRED OUTSIDE AIR (Vol)	DESIGN OUTSIDE AIR	REMARKS
AHU-7	PRACTICE GYM	4748	0.06	490	5	0.8	0.98	3420	3420	(1)
AHU-7	SPECTATOR AREA	1406	0.06	94	5	0.8	0.98	1140	1140	(1)

- 1 CALCULATED IN ACCORDANCE WITH TABLE 403.3, MICHIGAN MECHANICAL CODE.



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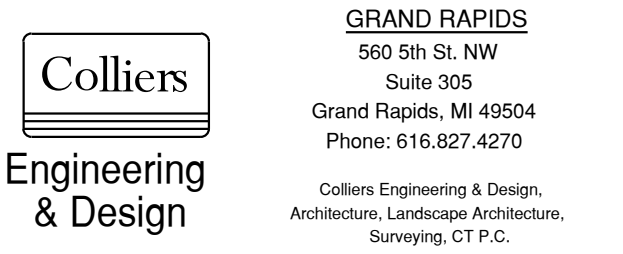
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REV	DATE	DESCRIPTION
4	05/07/26	BIDS AND PERMITS
5	06/01/26	ADDENDUM #1

LANSING SCHOOL DISTRICT

DON JOHNSON FIELD HOUSE - POOL RENOVATIONS  
 400 N PENNSYLVANIA AVE  
 LANSING, MI 48912

MI ARCHITECTURE FIRM LICENSE # NLP000605

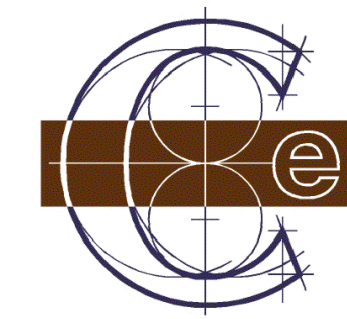


PROJECT MANAGER: L WOOD  
 DESIGNER: J FEISTRITZER  
 DATE ISSUED: 05/07/2026  
 SHEET NAME:  
 DISCIPLINE LEAD: L WOOD  
 REVIEWER: L WOOD  
 PROJECT NUMBER: 26000063A

**MECHANICAL DETAILS & SCHEDULES**

DRAWING NUMBER: M100

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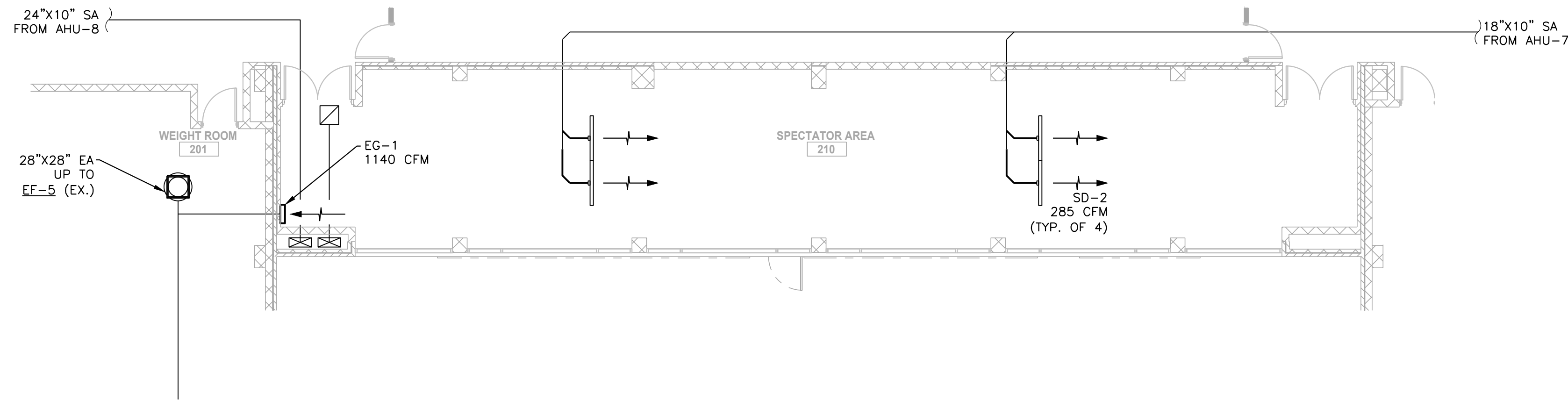


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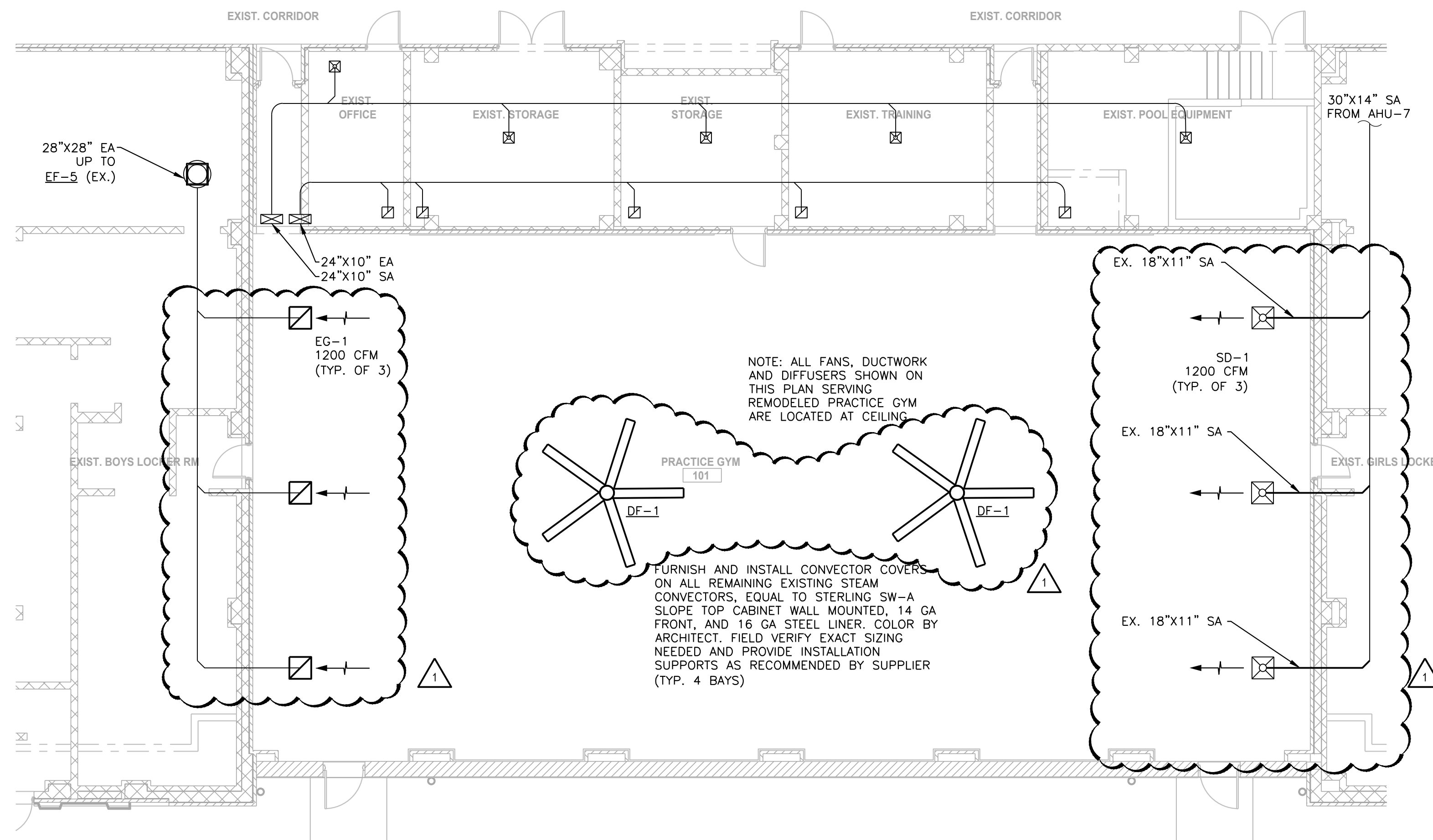
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**SECOND FLOOR PLAN - MECHANICAL**  
SCALE: 1/8" = 1'-0"



**FIRST FLOOR PLAN - MECHANICAL**  
SCALE: 1/8" = 1'-0"

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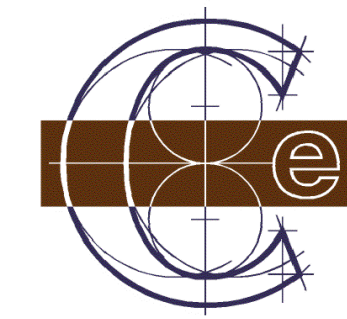
PROJECT MANAGER: L WOOD	DISCIPLINE LEAD: L WOOD
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FLOOR PLANS - MECHANICAL

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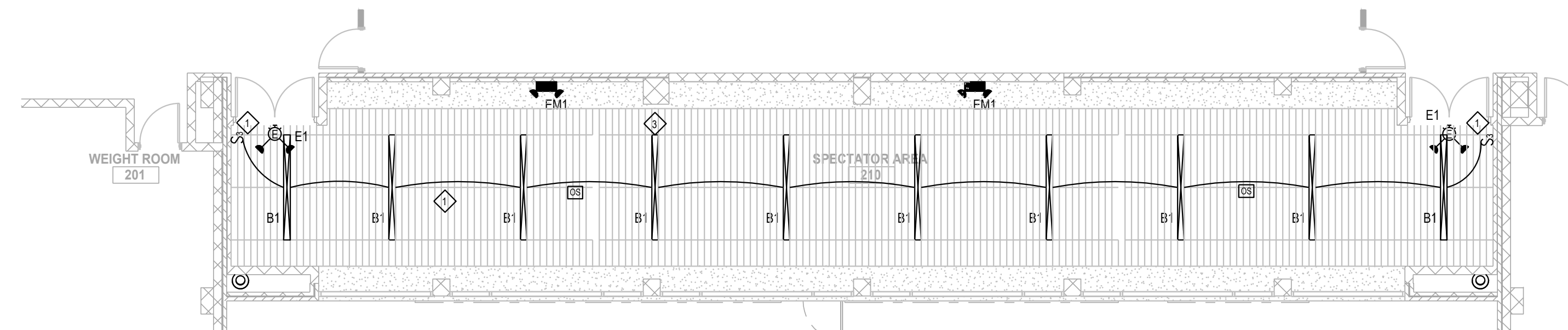
REV	DATE	DESCRIPTION
4	05/07/26	BIDS AND PERMITS
5	06/01/26	ADDENDUM #1

GENERAL LIGHTING NOTES:

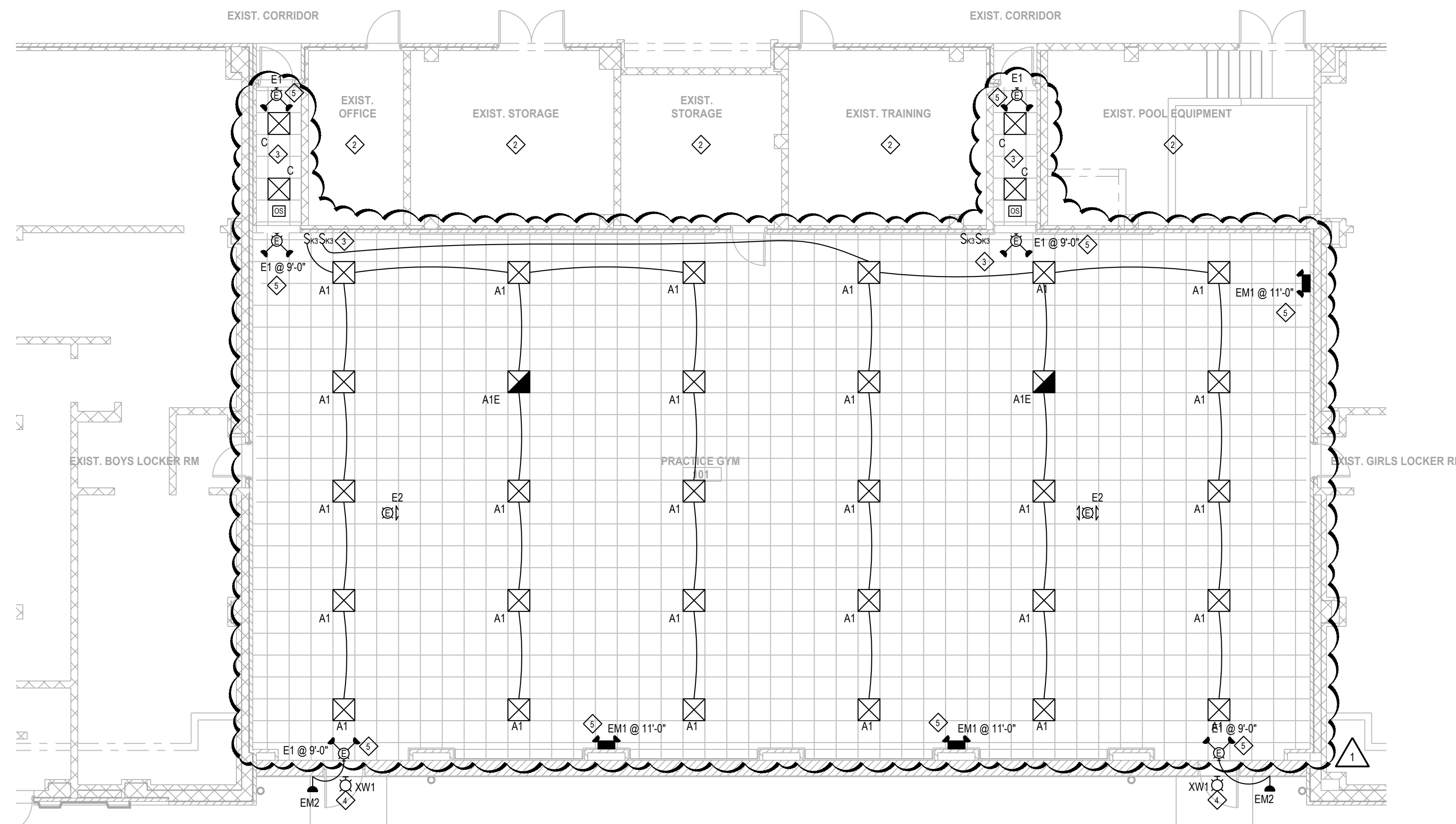
- CONNECT EMERGENCY LIGHTING TO CIRCUIT FEEDING GENERAL LIGHTING IN THAT AREA.
- EXIT SIGNS TO BE CONNECTED TO UNSWITCHED LIGHTING CIRCUIT OR EMERGENCY LIGHTING CIRCUIT FEEDING THAT AREA.
- LIGHTING CONTROL SHALL COMPLY WITH 2021 MICHIGAN ENERGY CODE WHERE APPLICABLE.
- NEW CONDUIT IN GYM ALONG WALLS SHALL BE SURFACE MOUNTED. PAINT TO MATCH.

LIGHTING KEY NOTES:

- ◇ PROVIDE MANUAL ON, AUTOMATIC OFF LIGHTING CONTROLS TO COMPLY WITH ENERGY CODE.
- ◇ NO WORK IN THIS AREA.
- ◇ REUSE EXISTING LIGHTING CIRCUITS.
- ◇ EXTEND EXISTING CIRCUIT FROM INSIDE OF GYM TO POWER THE NEW EXTERIOR LIGHTS.
- ◇ MOUNT NEW EXIT AND EMERGENCY LIGHTS PER HEIGHTS NOTED ON THIS PLAN. REUSE EXISTING BOX AND CIRCUIT.



MEZZANINE PLAN - LIGHTING  
SCALE: 1/8" = 1'-0"



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

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DESIGNER: REVIEWER:

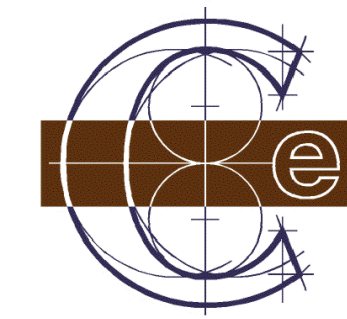
DATE ISSUED: 05/07/2026 PROJECT NUMBER: 26000063A

SHEET NAME:

FLOOR PLANS - LIGHTING

DRAWING NUMBER: EL101

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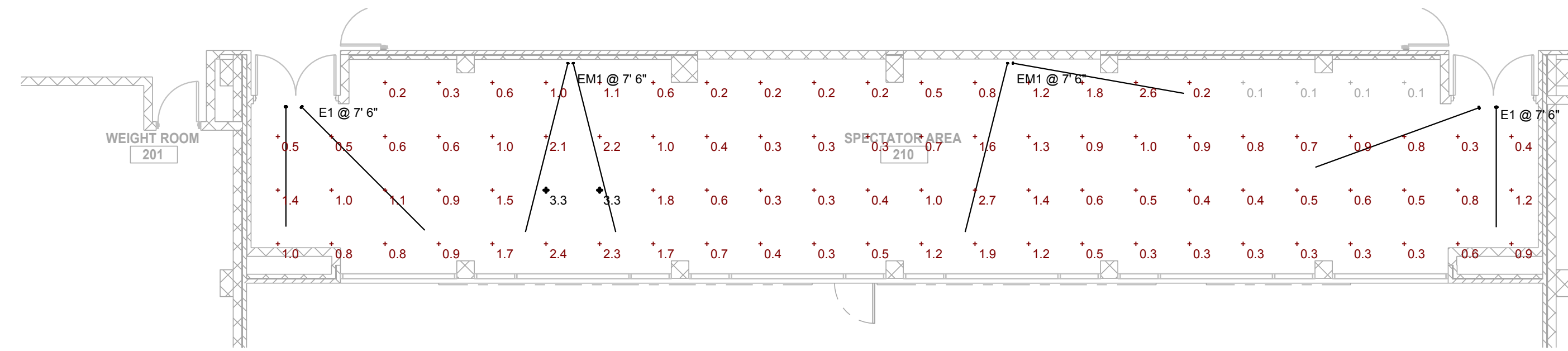
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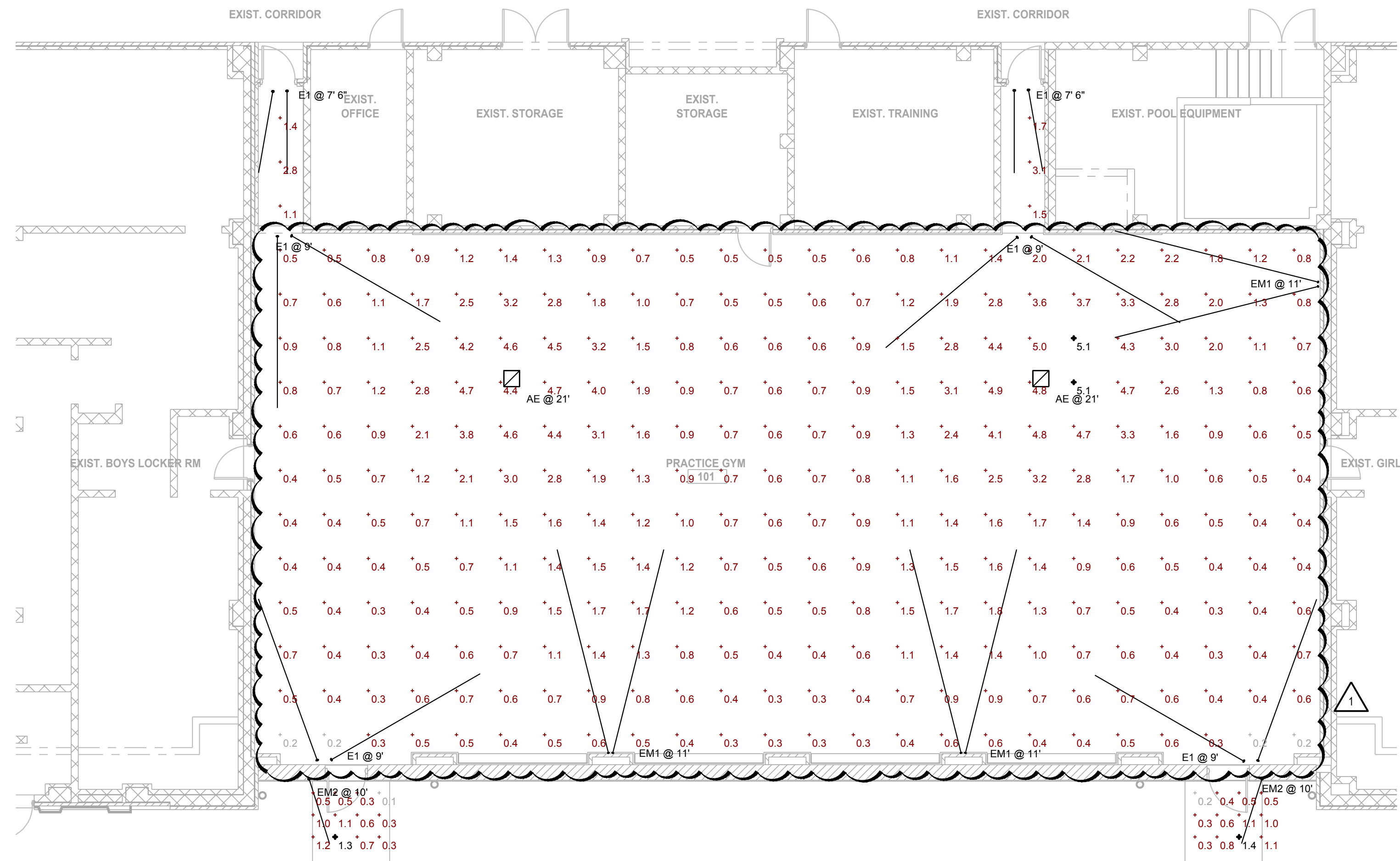
REV	DATE	DESCRIPTION
4	05/07/26	BIDS AND PERMITS
5	06/01/26	ADDENDUM #1

Symbol	Label	Image	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
AE			2	THE KIRLIN COMPANY	LR5-21600-20000L	FABRICATED METAL HOUSING, FABRICATED WHITE PAINTED METAL REFLECTOR/HEAT SINK MOUNT, 4 EXTRUDED BLACK FINISHED FINNED METAL HEAT SINKS EACH WITH 1 WHITE CIRCUIT BOARD WITH 16 LEDS AND 1 OPTIC ASSEMBLY WITH 1 CLEAR CONICAL PLASTIC OPTIC PER LED WITH FROSTED PLASTIC RETAINING PLATE, CLEAR FLAT PLASTIC BOTTOM LENS WITH CLEAR PRISMATIC PLASTIC TOP LENS, LENS PRISMS UP	64	19693	0.18	216.2	
EM1			5	Lithonia Lighting	ELM4L	SP640L 640 lumen, 6.6 watt, Spot Pattern	1	345	1	2.5	
E1			8	Lithonia Lighting	LHQM LED	QUANTUM LED EMERGENCY COMBO (ONE HEAD ONLY)	1	Absolute	1	1.5	
EM2			2	Lithonia Lighting	ELA Q L0304	ELM2 LED REMOTE LAMP HEAD	1	80	1	0	

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
EXTERIOR #2	+	0.7 fc	1.4 fc	0.2 fc	7.0:1	3.5:1
PRACTICE GYM 104	+	1.3 fc	5.1 fc	0.2 fc	25.5:1	6.5:1
SPECTATOR AREA	+	0.9 fc	3.3 fc	0.1 fc	33.0:1	9.0:1
EXTERIOR #1	+	0.7 fc	1.3 fc	0.1 fc	13.0:1	7.0:1



**MEZZANINE PLAN - EMERGENCY PHOTOMETRICS**  
 SCALE: 1/8" = 1'-0"



**FIRST FLOOR PLAN - EMERGENCY PHOTOMETRICS**  
 SCALE: 1/8" = 1'-0"

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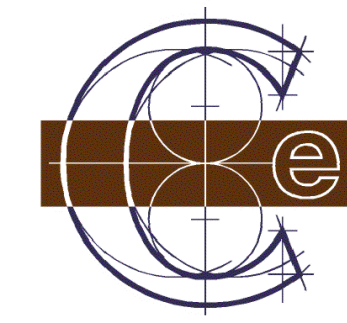
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FLOOR PLANS - EMERGENCY PHOTOMETRICS

DRAWING NUMBER: EL102

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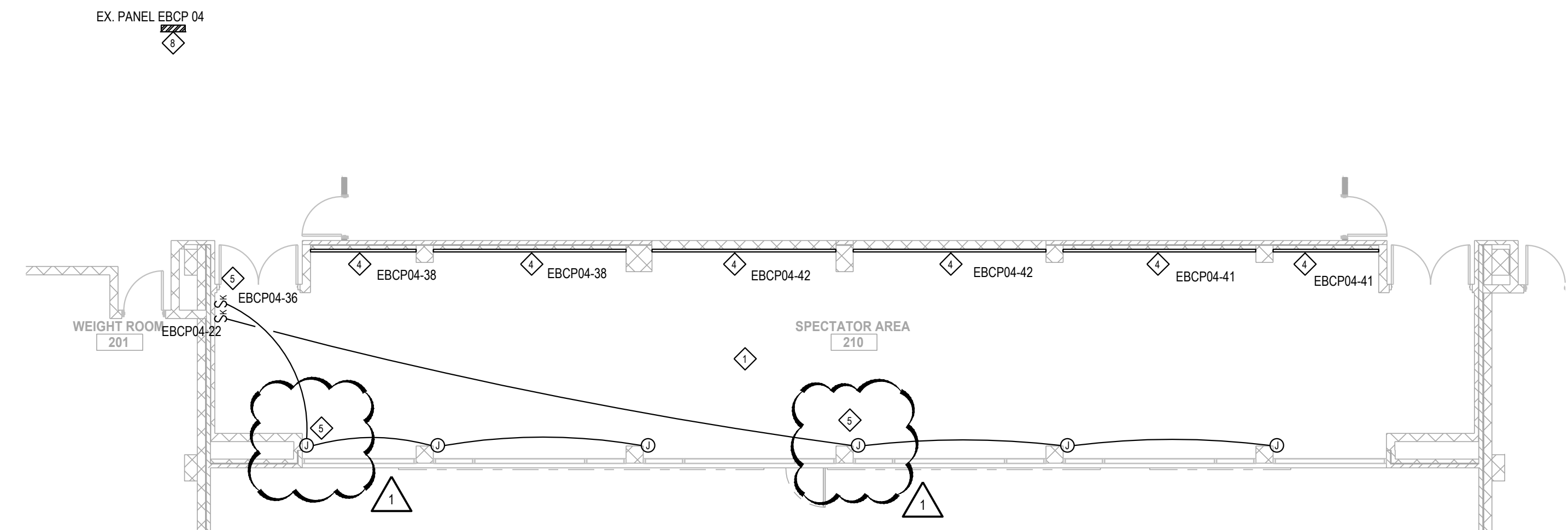
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REV	DATE	DESCRIPTION
4	05/07/26	BIDS AND PERMITS
5	06/01/26	ADDENDUM #1

ALTERNATE ALLOWANCE  
PROVIDE VOICE IN NEW AREAS OF WORK FOR THE FIRE ALARM SYSTEM.  
COORDINATE WITH EXISTING SYSTEM. FIELD VERIFY EXISTING SYSTEM  
CAN ADD SPEAKERS TO THE SYSTEM.



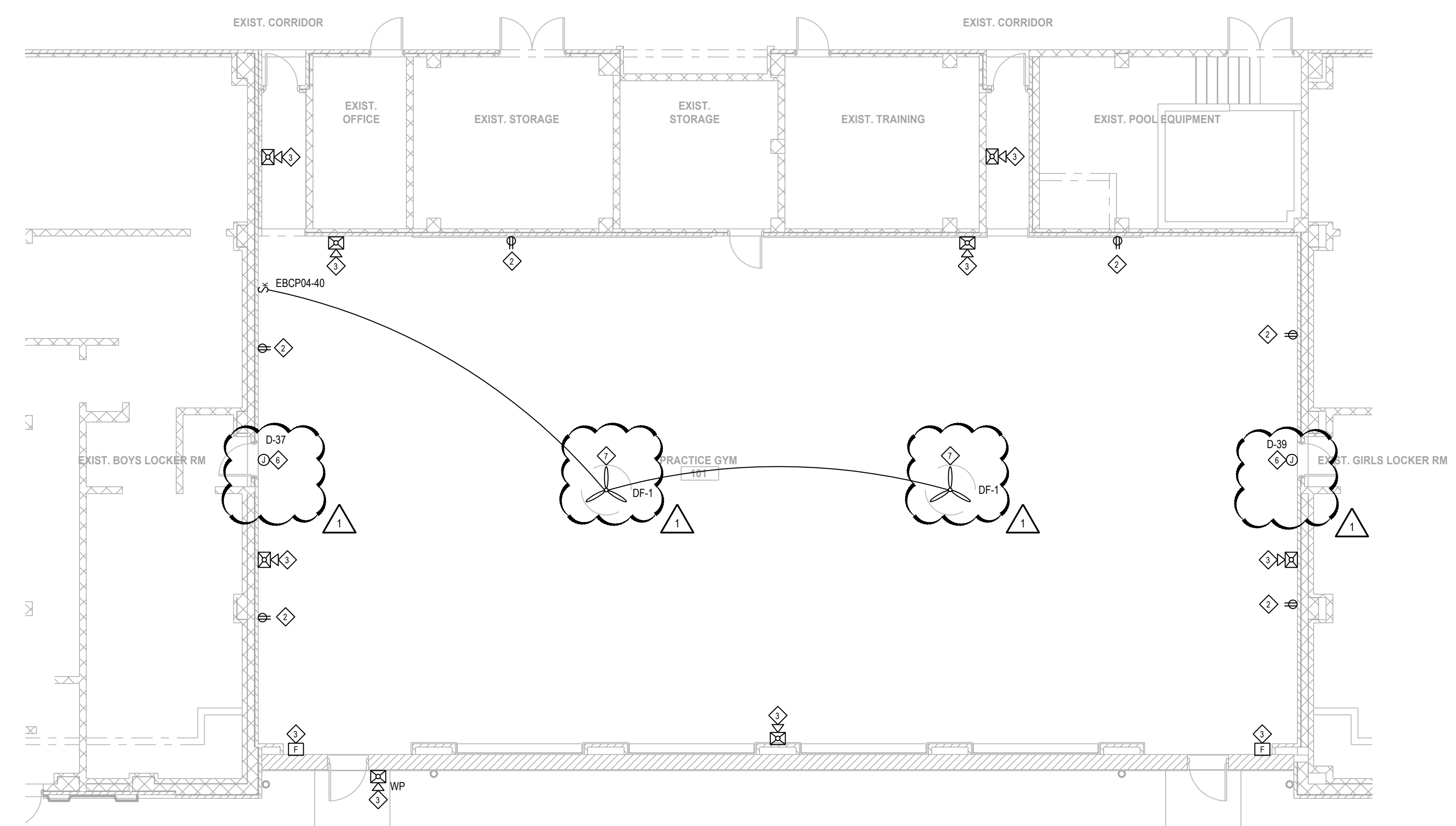
**SECOND FLOOR PLAN - POWER**  
SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

- ALL 15A & 20A 120V NON-LOCKING RECEPTACLES WITH PUBLIC SPACES WHERE CHILDREN CAN BE FOUND SHALL BE LISTED TAMPER RESISTANT PER NEC 406.12. THIS INCLUDES SCHOOLS, HOTELS, CLINICS, OUTPATIENT FACILITIES, PLACES OF WAITING AND ALL COMMON USE AREAS (CORRIDORS, GYM, MUSIC ETC.).
- FIRE ALARM (FA) DEVICES, IF SHOWN, ARE DIAGRAMMATIC IN NATURE ONLY AND ARE INTENDED ONLY TO COMMUNICATE MAJOR SYSTEM COMPONENTS AND APPROXIMATE LOCATIONS. FULL FA DRAWINGS TO BE DELEGATED DESIGN AND SHALL INCLUDE ALL SYSTEM COMPONENTS, CALCULATIONS AND LOCATIONS. ADDRESSABLE SYSTEM IS EXISTING.
- SPECTATOR AREA 210, UTILIZE ANY EXISTING CIRCUITS IF AVAILABLE FOR RACEWAY SYSTEM. NEW CIRCUITS SHOWN FOR REFERENCE. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY IF EXISTING CIRCUITS IN PANEL EBCP04 ARE BEING UTILIZED.
- NEW CONDUIT TO GYM AND SPECTATOR AREA SHALL BE SURFACE MOUNTED ON EXISTING WALLS. WHEREVER POSSIBLE, UTILIZE NEW CEILINGS AND WALL OPENINGS.

POWER KEYNOTES:

- NO WORK IN THIS AREA.
- NEW RECEPTACLES SHOWN ON PLAN SHALL BE TAMPER RESISTANT, COLOR SHALL BE GRAY, AND STAINLESS STEEL COVER PLATES. REUSE EXISTING BOX AND CIRCUIT.
- REPLACE EXISTING FIRE ALARM DEVICES TO MATCH EXISTING ADDRESSABLE SYSTEM. PROVIDE NEW WIRING BACK TO EXISTING. FIRE ALARM SYSTEM SHALL BE RECERTIFIED.
- PROVIDE RACEWAY. WIREMOLD SERIES 5400 DIVIDED FOR POWER AND DATA. RECEPTACLES AT 12" O.C. MOUNT AT 18" A.F.F. TO CENTER OF WIREWAY.
- PROVIDE POWER TO MOTORIZED SHADES. COORDINATE LOCATION WITH EQUIPMENT ON SITE. CONTROL ALL SHADES FROM (2) 1P SWITCHES. MOUNT J-BOXES IN NEW BULKHEAD.
- REUSE EXISTING CIRCUITS FOR NEW SCOREBOARDS. BOX SHOULD BE AT 17'-0" A.F.F. FIELD VERIFY PRIOR TO ROUGH-IN. SCOREBOARD MOUNTING BY OTHERS. ELECTRICAL CONTRACTOR SHALL PROVIDE A SURFACE MOUNTED 1" CONDUIT FOR CONTROL WIRING.
- INDUSTRIAL FANS TO BE PROVIDED AND INSTALLED BY OTHERS. ELECTRICAL CONTRACTOR TO MAKE ELECTRICAL CONNECTIONS, AND PROVIDE 1P KEYSWITCH. COORDINATE SWITCH LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- EXISTING PANEL EBCP 04 IS LOCATED IN CLOSET ACROSS CORRIDOR FROM SPECTATOR 210 ON SECOND FLOOR.



**FIRST FLOOR PLAN - POWER**  
SCALE: 1/8" = 1'-0"

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SHEET NAME:	

FLOOR PLANS - POWER

DRAWING NUMBER:  
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## TABLE OF CONTENTS

### **DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS**

DIVISION NOT USED

### **DIVISION 01 - GENERAL REQUIREMENTS**

SECTION 012500 - SUBSTITUTION PROCEDURES  
SECTION 013300 - SUBMITTAL PROCEDURES  
SECTION 014000 - QUALITY REQUIREMENTS  
SECTION 016000 - PRODUCT REQUIREMENTS  
SECTION 017300 - EXECUTION  
SECTION 017700 - CLOSEOUT PROCEDURES  
SECTION 017823 - OPERATION AND MAINTENANCE DATA  
SECTION 017839 - PROJECT RECORD DOCUMENTS  
SECTION 017900 - DEMONSTRATION AND TRAINING

### **DIVISION 02 - EXISTING CONDITIONS**

SECTION 024119 - SELECTIVE DEMOLITION

### **DIVISION 03 - CONCRETE**

SECTION 031000 - CONCRETE FORMING AND ACCESSORIES  
**SECTION 031230 – EXPANDED POLYSTYRENE (EPS) GEOFOAM**  
SECTION 032000 - CONCRETE REINFORCING  
SECTION 033000 - CAST-IN-PLACE CONCRETE

### **DIVISION 04 - MASONRY**

SECTION 042000 - UNIT MASONRY

### **DIVISION 05 - METALS**

SECTION 055000 - METAL FABRICATIONS

### **DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES**

SECTION 061053 - MISCELLANEOUS ROUGH CARPENTRY

### **DIVISION 07 - THERMAL AND MOISTURE PROTECTION**

SECTION 078413 - PENETRATION FIRESTOPPING  
SECTION 079200 - JOINT SEALANTS

### **DIVISION 08 - OPENINGS**

SECTION 081613 - FIBERGLASS REINFORCED POLYESTER (FRP) DOORS AND FRAMES  
SECTION 083113 - ACCESS DOORS AND FRAMES  
SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS  
SECTION 087100 - DOOR HARDWARE  
SECTION 088000 – GLAZING

## **DIVISION 09 - FINISHES**

SECTION 090190.52 - MAINTENANCE REPAINTING  
SECTION 092216 - NON-STRUCTURAL METAL FRAMING  
SECTION 092900 - GYPSUM BOARD  
SECTION 095113 - ACOUSTICAL PANEL CEILINGS  
SECTION 096513 - RESILIENT BASE AND ACCESSORIES  
SECTION 096519 - RESILIENT TILE AND PLANK FLOORING  
SECTION 096566 - RESILIENT ATHLETIC FLOORING  
SECTION 099123 - INTERIOR PAINTING

## **DIVISION 10 - SPECIALTIES**

SECTION 104413 - FIRE PROTECTION CABINETS  
SECTION 104416 - FIRE EXTINGUISHERS

## **DIVISION 11 - EQUIPMENT**

SECTION 116623 - GYMNASIUM EQUIPMENT  
SECTION 116643 - INTERIOR SCOREBOARDS

## **DIVISION 12 - FURNISHINGS**

SECTION 122413 - ROLLER WINDOW SHADES

## **DIVISION 13 - SPECIAL CONSTRUCTION**

DIVISION NOT USED

## **DIVISION 14 - CONVEYING EQUIPMENT**

DIVISION NOT USED

## **DIVISION 21 - FIRE SUPPRESSION**

DIVISION NOT USED

## **DIVISION 22 - PLUMBING**

DIVISION NOT USED

## **DIVISION 23 - HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)**

SECTION 230513 - COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT  
SECTION 230529 - HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT  
SECTION 230593 - TESTING, ADJUSTING, AND BALANCING FOR HVAC  
SECTION 232213 - STEAM AND CONDENSATE HEATING PIPING  
SECTION 233113 - METAL DUCTS  
SECTION 233300 - AIR DUCT ACCESSORIES  
SECTION 233423 - HVAC POWER VENTILATORS  
SECTION 233713 - DIFFUSERS, REGISTERS, AND GRILLES

**DIVISION 25 - INTEGRATED AUTOMATION**

DIVISION NOT USED

**DIVISION 26 - ELECTRICAL**

SECTION 260500 - BASIC ELECTRICAL REQUIREMENT  
SECTION 260519 - BUILDING WIRE AND CABLE  
SECTION 260529 - HANGERS AND SUPPORTS  
SECTION 260533 - BOXES  
SECTION 260534 - CONDUIT  
SECTION 262717 - EQUIPMENT WIRING  
SECTION 263726 - WIRING DEVICES  
SECTION 265113 - INTERIOR LUMINAIRES

END OF TABLE OF CONTENTS

## SECTION 031230 - EXPANDED POLYSTYRENE (EPS) GEOFOAM

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section Includes: Expanded Polystyrene (EPS) Geofoam

#### 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Include plans, sections, details, and attachments to other work, including the following:
  - 1. Layout and thickness of infill insulation.

#### 1.3 INFORMATIONAL SUBMITTALS

- A. Product Test Reports: For each product, for tests performed by a qualified testing agency.
- B. Research Reports: For foam-plastic insulation, from ICC-ES.

#### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Protect insulation materials from physical damage and from deterioration due to moisture, soiling, and other sources. Store inside and in a dry location. Comply with manufacturer's written instructions for handling, storing, and protecting during installation.
- B. Protect foam-plastic board insulation as follows:
  - 1. Do not expose to sunlight except to necessary extent for period of installation and concealment.
  - 2. Protect against ignition at all times. Do not deliver foam-plastic board materials to

### PART 2 - PRODUCTS

#### 2.1 EXPANDED POLYSTYRENE (EPS) GEOFOAM

- A. Molded (Expanded) Polystyrene Board Insulation: ASTM D6817, Type I, 8 psi minimum compressive strength.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - a. Atlas Molded Products
  - b. InsulFoam, a division of Carlisle EPS Holding, LLC
  - c. Universal Construction Faom

## 2.2 GEOFOAM FASTENERS

- A. Insulation Fastener: Provide manufacturer's standard double-pointed weld pins of galvanized or stainless steel with barbed design capable of piercing geofoam.
- B. Adhesive for Bonding Geofoam: Product compatible with Geofoam materials, and with demonstrated capability to bond foam securely to substrates without damaging Geofoam and substrates.

## PART 3 - EXECUTION

### 3.1 PREPARATION

- A. Clean substrates of substances that are harmful to insulation.
- B. Site Verification of Conditions: Verify conditions of substrate, grade and other conditions which affect installation of geofoam

### 3.2 INSTALLATION, GENERAL

- A. Comply with geofoam manufacturer's written instructions applicable to products, applications and applicable codes.
- B. Install geofoam that is undamaged, dry, and unsoiled and that has not been left exposed to ice, rain, or snow at any time.
- C. Extend geofoam to envelop entire area to be filled. Fit tightly around obstructions. Remove projections that interfere with placement.
- D. Provide sizes to fit applications and selected from manufacturer's standard thicknesses, widths, and lengths. Apply single layer of insulation units unless multiple layers are otherwise shown or required to make up total thickness indicated.
- E. Stagger end joints and tightly abut insulation units.

### 3.3 PROTECTION

- A. Protection: Protect installed product and finish surfaces from damage during construction as required

END OF SECTION



**CM CLARIFICATION #1 – MAY 19, 2026**

1. We have attached a specification section for the Geofoam that will be used to fill the pool in preparation for the concrete cap.  
Section 031230 – Expanded Polystyrene Geofoam

The Geofoam must be supplied and installed by the Concrete Contractor, Bid Division B.

## SECTION 031230 - EXPANDED POLYSTYRENE (EPS) GEOFOAM

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section Includes: Expanded Polystyrene (EPS) Geofoam

#### 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Include plans, sections, details, and attachments to other work, including the following:
  - 1. Layout and thickness of infill insulation.

#### 1.3 INFORMATIONAL SUBMITTALS

- A. Product Test Reports: For each product, for tests performed by a qualified testing agency.
- B. Research Reports: For foam-plastic insulation, from ICC-ES.

#### 1.4 DELIVERY, STORAGE, AND HANDLING

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## PART 3 - EXECUTION

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- A. Clean substrates of substances that are harmful to insulation.
- B. Site Verification of Conditions: Verify conditions of substrate, grade and other conditions which affect installation of geofoam

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- A. Comply with geofoam manufacturer's written instructions applicable to products, applications and applicable codes.
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- E. Stagger end joints and tightly abut insulation units.

### 3.3 PROTECTION

- A. Protection: Protect installed product and finish surfaces from damage during construction as required

END OF SECTION



650 - 44th Street SE  
Grand Rapids, MI 49548  
ph: 616.532.8191  
[www.beckering.com](http://www.beckering.com)

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Don Johnson Fieldhouse  
Pre-Bid Meeting Notes of May 21, 2026  
Prepared by David J. Beckering

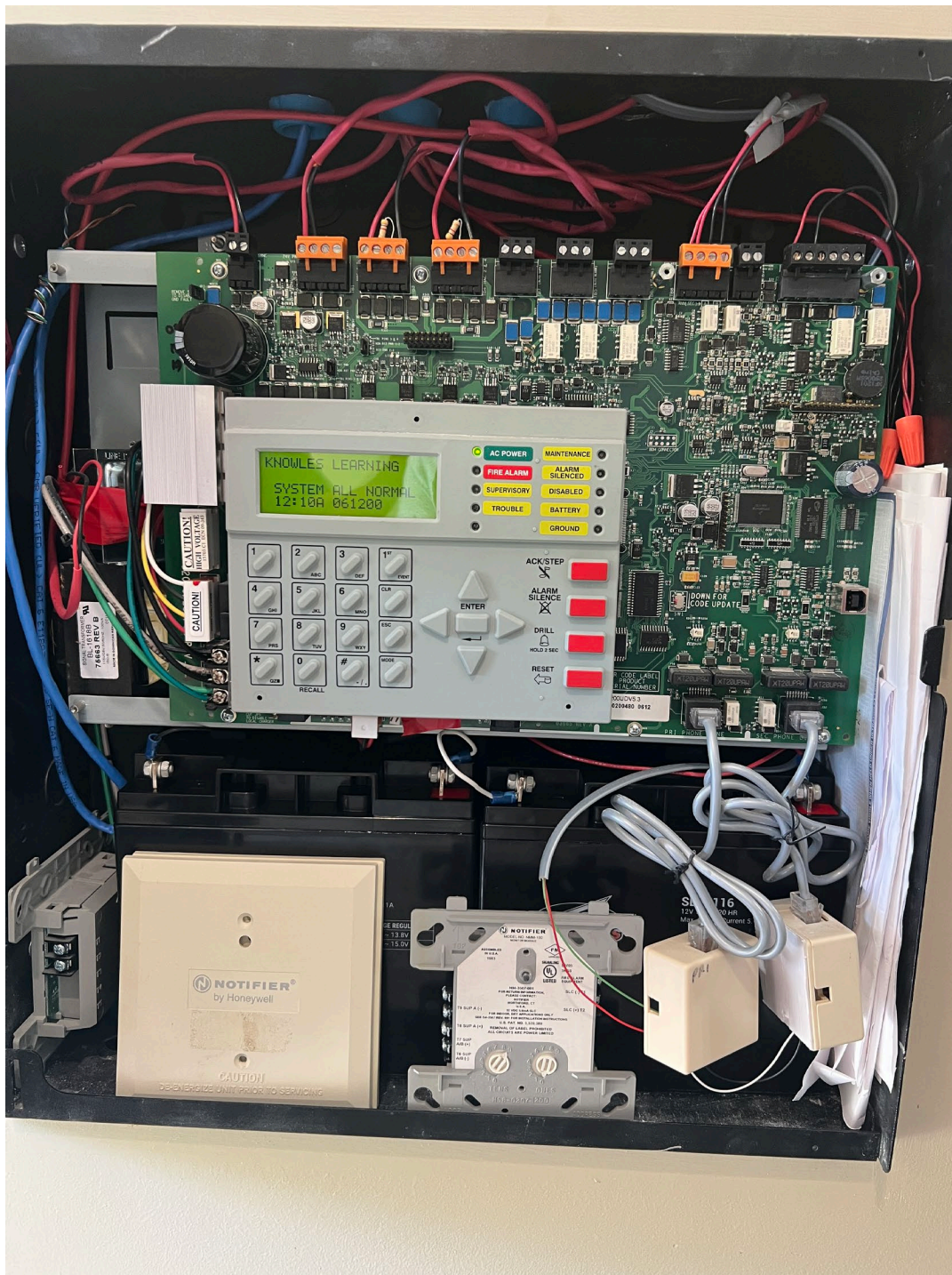
1. A copy of the Sign-In Sheet is attached to the notes.
2. The Don Johnson Fieldhouse project will require prevailing wages and certified payroll reports.
3. At the beginning of the project, the General Trades Contractor will cut in (2) openings thru the existing masonry wall on the west side of the building to allow construction access. These openings are intended for future 3'7" Man Doors so it will not be big enough for major equipment.
4. We assume the contractors will utilize conveyors or pumps to get their material into the building.
5. The pool will be infilled before we proceed with gym ceiling demolition.
6. The Big Ass Fans in the gym area will be provided and installed by Division 'H' – HVAC and wired by Division 'I'- Electrical.
7. In the viewing area there must be (2) electrical outlets and one data outlet for each raceway.
8. The motorized window shades will be provided and installed by Division 'C' – General Trades and wired by Division 'I' – Electrical.
9. The fire alarm panel has been upgraded to receive a voice alarm system, but none of the voice alarm devices have been installed. Confirm with the fire alarm contractor if the two renovated spaces will require emergency voice activation of the fire alarm system and if strobes will be required in these spaces.
10. The Division 'I' Electrical Contractor must provide and install data wire.
11. The Division 'A' Site Contractor must shoot grades for the exterior sidewalk and maintain proper egress slopes. The Division 'B' Concrete Contractor must form and pour the new sidewalks.
12. The architect will clarify in the Addendum the rating on the various doors.

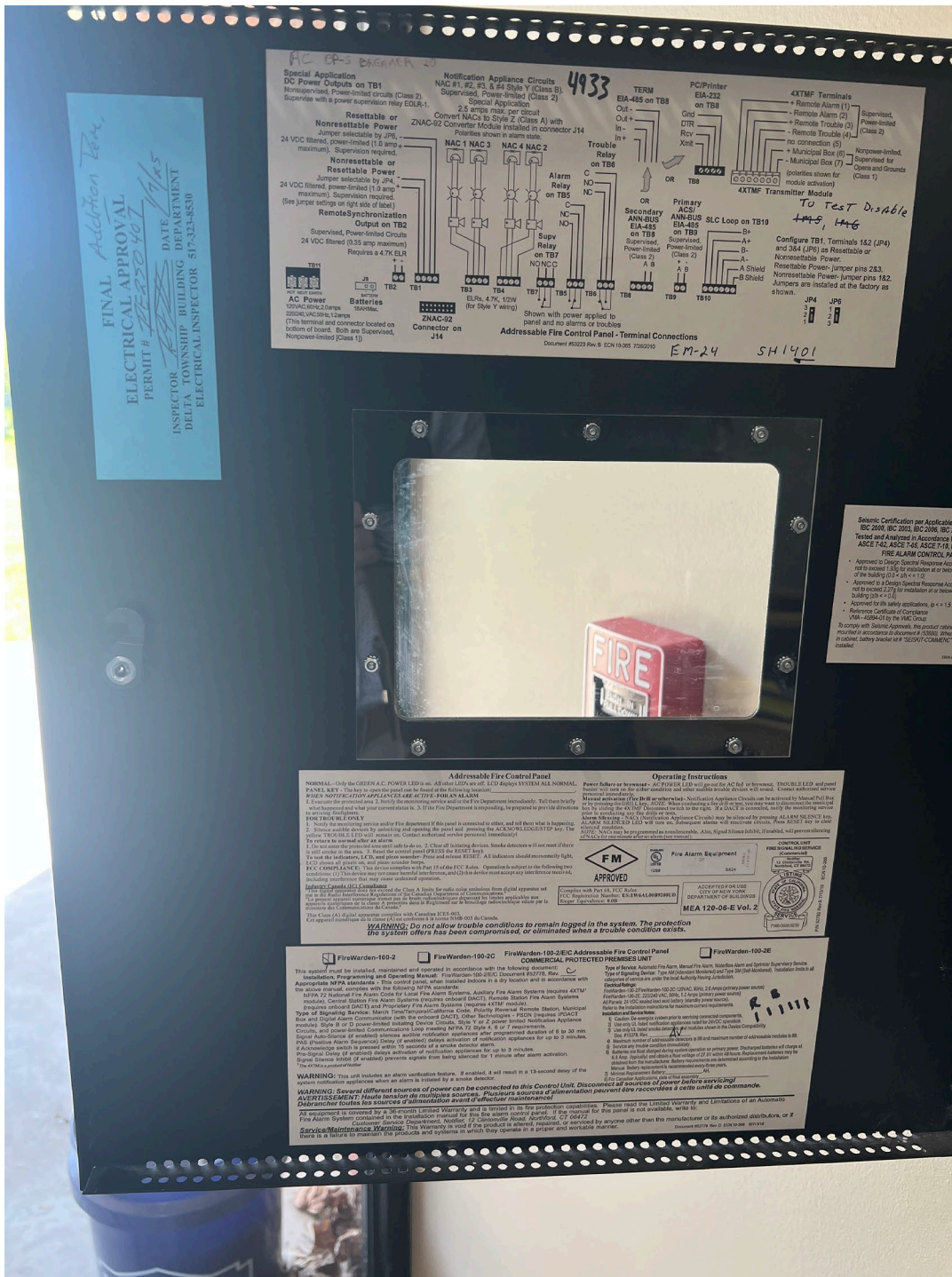
Bid# SO-1855 For Don Johnson Field House Remodel

Date/Time 5/21/26 2pm Pre-Bid

Name	Company	Address	City/State/Zip	Phone #	Email Address
Karen Headley	Moore Trospen			517 927-6503	info@moore-trospen.com
Jett Moore	" "			517-694-6310	" "
LEON WELLS	EWING ELECTRIC			517 712 5059	WELLS_LEON@YAHOO.COM
Tony Acho	Plenum Service			517-388-7585	<del>Tony</del> Tacho@plenum-service.com
John Habelkamp	Connolly Crane			734-660-3721	John@ConnollyCrane.com
Shawn Hannahs	B+D Electric			517-322-0252	Shawn@bdelectric@gmail.com
Kevin Zimmerman	C&R Electric			989-828-4020	Kevin@CandRelec.com
CALCB SMITH	H+N ELECTRIC			517-626-1488	CALCB@HNELECTRICLLC.COM
SAM BROWN	SUMMIT ELEC			517-896-6197	SAM@SUMMIT.WS
Buddy Huxler	CED				
COURTNEY NORRIS	CED				
<del>MAK</del> TOWNS	CENTENNIAL			517/545-9900	MIKE@CENTENNIAL-ELECTRIC.COM
Jacob Bishop	CED				
Kira Tennes	CED				

# Fire Alarm System Panel Images





Don Johnson Field House Fire Alarm Photos

