PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION
2930 AIRPORT RD STE A
LA CROSSE, WISCONSIN

HSR #23007 **APRIL 2023** **CONSTRUCTION DOCUMENTS**

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- PLUMBING TO BE DESIGN/BUILD

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- ELECTRICAL TO BE DESIGN/BUILD

PROJECT TEAM

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ARCHITECT
04/14/2023

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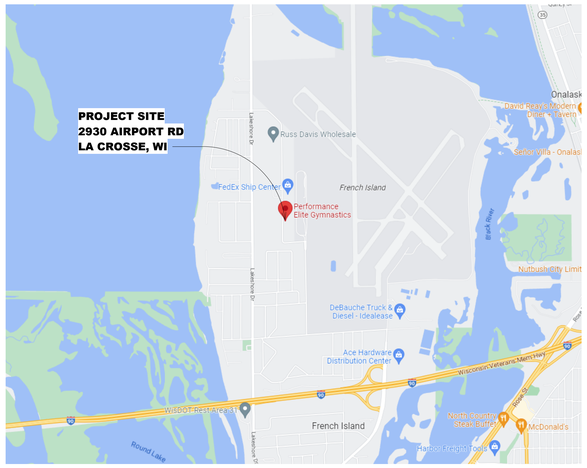
E-29056
MADISON, WI
PROFESSIONAL ENGINEER



CITY MAP

SITE LOCATION MAP

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
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Consultant:

Project Title: PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION

Project Location: 2930 AIRPORT RD STE A LA CROSSE, WI, 54603

Sheet Title: COVER SHEET

HSR Project Number: 23007

Project Date: April 14, 2023

Drawn By: RMW

Key Plan:

Revisions:

No.	Description	Date

Graphic Scale: VARIES

Last Update: 4/14/2023 12:19:19 PM

G000

ADDITION = 6,846 GSF

LEVEL 2 ALTERATION - 1ST FLR 2,450 SF (8.5% OF EXISTING)

NEW BUILDING TOTAL =

	EX	EX	NEW	TOTAL
1ST FLOOR :	23,425 +	5,923 +	6,846 =	36,194 SF

EXISTING BUILDING = 23,425 SF

TOTAL OCCUPANTS = 817

MECH 1 · OFFICE 4 · CONFERENCE · CHECK-IN 2 · LOBBY · RETAIL 1 · CONCESSIONS 3 · BOYS · GIRLS · STORAGE 1 · LOUNGE 42 · PERFORMANCE GYM 225 · 200 · 52 · 26 · 26 · 26 · 112 · 80 · FE · DN

EXISTING 2 HOUR FIRE WALL

LOCKER 4 · LOCKER 4 · LOCKER 4 · LOCKER 4

OPENING IS LESS THAN 25% OF FIRE WALL- 706.8

1-HOUR ROOF AND SUPPORTING WALLS (NO PENETRATIONS) 706.6.1.3

29'-1" · ≥ 10'

NEW 2 HOUR FIRE WALL
706.2(2)- GYP BOARD AREA SEPARATION FIREWALL

705.8- FOR FIRE SEPARATION GREATER THAN 10' 45% OPENING ALLOWED, 40% USED

EXISTING BUILDING = 5,923 SF

TOTAL OCCUPANTS = 48

OFFFICE 2 · BOYS · STORAGE 3 · LOCKER LOUNGE 11 · GIRLS · LOUNGE 3 · STORAGE 1 · CUBBY 2 · LOCKER 4 · LOCKER 4

170'

PRACTICE GYM 120

RECREATION AREA 19 · GIRLS · BOYS · MECHANICAL 1

BUILDING ADDITION = 6,846 SF

TOTAL OCCUPANTS = 120

1 OVERALL FIRST FLOOR LIFE SAFETY PLAN

3/32" = 1'-0"

CODE DATA: IBC 2015 WITH WISCONSIN AMENDMENTS

BUILDING OCCUPANCY:	A4
TYPE OF CONSTRUCTION:	VB, FULLY SPRINKLER NFPA 13 ADDITION, LEVEL 2 ALTERATION
BUILDING AREA / OCCUPANTS:	36,194 / 985 AREA SEPARATION REQUIRED, FIRE AREA 1 = 23,425 SF FIRE AREA 2 = 12,769 SF
EXIT TRAVEL DISTANCE:	250'
AGGREGATE EXIT WIDTH FOR FIRE AREA 2:	OTHER REQ'D = 33.6" / PROVIDED = 180"
PLUMBING REQ'D/PROVIDED:	MENS WC = 7/12 LAV=2/5 WOMENS WC= 12/12 LAV=3/5 DRINKING FOUNTAIN = 1/4 SERVICE SINK = 1/2

CODE DATA LEGEND:

- 1 HOUR RATED WALL (45 MIN DOORS)
- 2 HOUR RATED WALL (90 MIN DOORS)
- PATH OF TRAVEL
- FE — EXISTING FIRE EXTINGUISHER
- FE — FIRE EXTINGUISHER-BRACKET MOUNTED

CODE DATA NOTES:

A. LABEL ALL HIDDEN RATED WALLS / FLOOR AREAS AS SPECIFIED IN SECTION 07 05 53 FIRE AND SMOKE ASSEMBLY IDENTIFICATION

ARCHITECTURE
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Consultant:

Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: **2930 AIRPORT RD STE A LA CROSSE, WI, 54603**

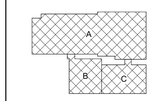
Sheet Title: **OVERALL LIFE SAFETY PLAN**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **KPS**

Key Plan:



KEY PLAN

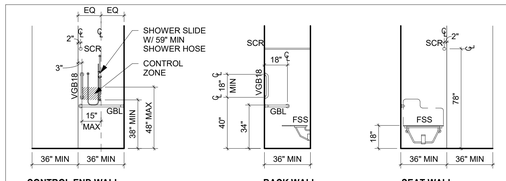
Revisions:

No.	Description	Date

Graphic Scale:

Last Update: **4/14/2023 12:19:20 PM**

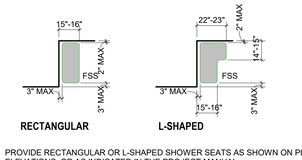
G001



CONTROL END WALL | **BACK WALL** | **SEAT WALL**

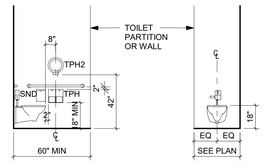
ACCESSIBLE TRANSFER- TYPE SHOWER

PROVIDE RECTANGULAR OR L-SHAPED SHOWER SEATS AS SHOWN ON PLANS OR ELEVATIONS



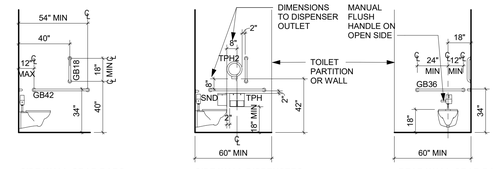
PROVIDE RECTANGULAR OR L-SHAPED SHOWER SEATS AS SHOWN ON PLANS, ELEVATIONS, OR AS INDICATED IN THE PROJECT MANUAL.

ACCESSIBLE SHOWER COMPARTMENT SEATS (FSS)



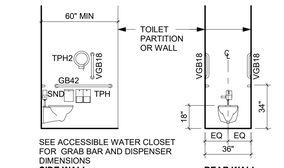
SIDE WALL | **REAR WALL**

STANDARD WATER CLOSET



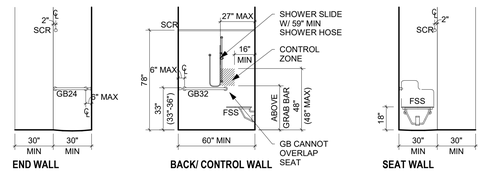
SIDE WALL GRAB BARS | **SIDE WALL DISPENSERS** | **REAR WALL GRAB BARS**

WHEELCHAIR ACCESSIBLE WATER CLOSET



SIDE WALL | **REAR WALL**

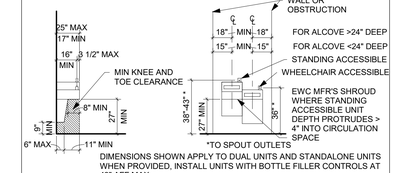
AMBULATORY ACCESSIBLE WATER CLOSET



END WALL | **BACK/ CONTROL WALL** | **SEAT WALL**

ACCESSIBLE ROLL-IN SHOWER WITH FOLDING SEAT

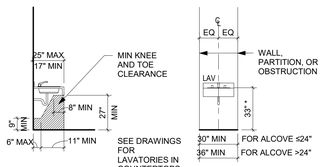
PROVIDE RECTANGULAR OR L-SHAPED SHOWER SEATS AS SHOWN ON PLANS OR ELEVATIONS



DIMENSIONS SHOWN APPLY TO DUAL UNITS AND STANDALONE UNITS WHEN PROVIDED, INSTALL UNITS WITH BOTTLE FILLER CONTROLS AT 43" AFF MAX

SIDE | **FRONT**

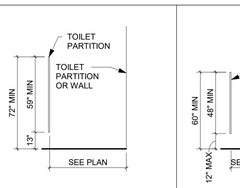
WHEELCHAIR ACCESSIBLE AND STANDING EWC AND DF



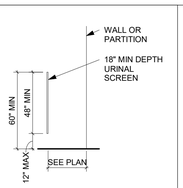
SIDE WALL | **BACK WALL**

ACCESSIBLE LAVATORY

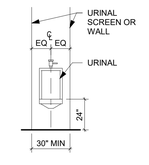
* TO THE HIGHER OF SINK RIM OR COUNTERTOP



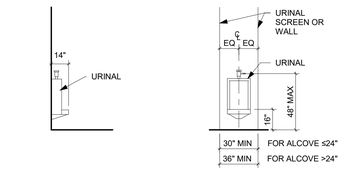
TOILET PARTITION



URINAL SCREEN

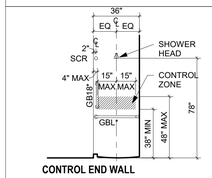


BACK WALL
STANDARD URINAL

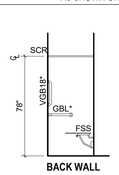


SIDE WALL | **BACK WALL**

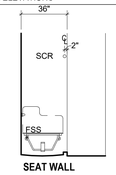
ACCESSIBLE URINAL



CONTROL END WALL



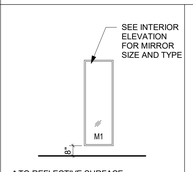
BACK WALL



SEAT WALL

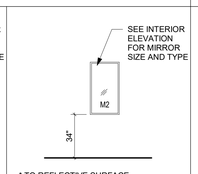
* ACCESSORIES WITH AN ASTERISK (*) ARE TO BE PROVIDED ONLY WHEN SHOWN ON PLANS OR ELEVATIONS. SEE ACCESSIBLE TRANSFER- TYPE SHOWER FOR DIMENSION TO THESE ACCESSORIES

STANDARD SHOWER WITH CURB



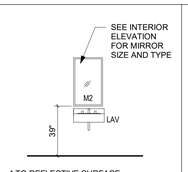
* TO REFLECTIVE SURFACE

ACCESSIBLE FULL-LENGTH CHANGING MIRROR



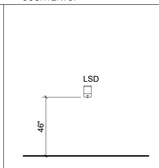
* TO REFLECTIVE SURFACE

ACCESSIBLE MIRROR WITHOUT LAV OR COUNTER

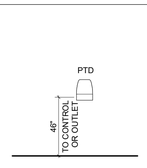


* TO REFLECTIVE SURFACE

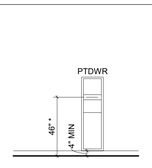
ACCESSIBLE MIRROR ABOVE LAV



ACCESSIBLE SOAP & HAND SANITIZER DISPENSER

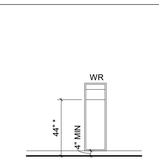


ACCESSIBLE PTD



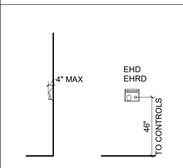
*TO TOWEL OUTLET OR CONTROL

ACCESSIBLE PAPER TOWEL / WASTE RECEPTACLE



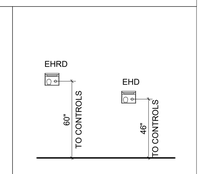
*TO TOP OF RECEPTACLE OPENING

ACCESSIBLE WASTE RECEPTACLE



SIDE WALL | **BACK WALL**

ACCESSIBLE ELECTRIC HAND DRYER AND HAIR DRYER



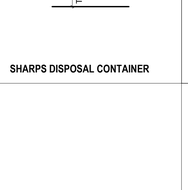
ELECTRIC HAND DRYER AND HAIR DRYER

*48" TO ROUGH OPENING FOR RECESSED AND SEMI-RECESSED UNITS

FIRE EXTINGUISHER ≤ 40 LBS GW

*40" TO ROUGH OPENING FOR RECESSED AND SEMI-RECESSED UNITS

FIRE EXTINGUISHER > 40 LBS GW

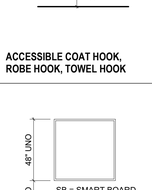


SHARPS DISPOSAL CONTAINER

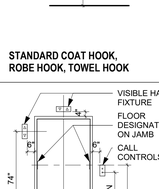
*TO CONTROLS AT TOILET ROOM INSTALL
**TO OUTLET AT TOILET STALL INSTALL

ACCESSIBLE SANITARY NAPKIN DISPENSER

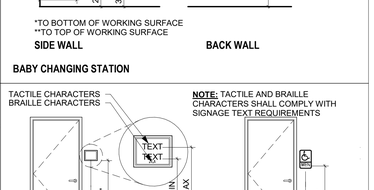
TOILET SEAT COVER DISPENSER



ACCESSIBLE COAT HOOK, ROBE HOOK, TOWEL HOOK



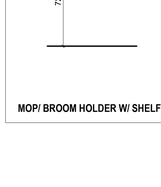
STANDARD COAT HOOK, ROBE HOOK, TOWEL HOOK



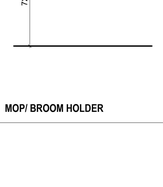
*TO BOTTOM OF WORKING SURFACE
**TO TOP OF WORKING SURFACE

SIDE WALL | **BACK WALL**

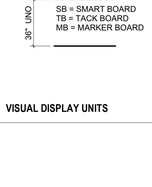
BABY CHANGING STATION



MOP/ BROOM HOLDER W/ SHELF



MOP/ BROOM HOLDER



VISUAL DISPLAY UNITS

ELEVATOR FIXTURES AND CONTROLS

SIGNAGE TEXT | **SIGNS WITH PICTOGRAMS**

VERIFY AND COORDINATE INSTALLATION DIMENSIONS WITH SHOP DRAWINGS.
ADA SIGNAGE TO BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED

TACTILE AND VISUAL SIGNAGE

ACCESSORIES GENERAL NOTES:

1. NOT ALL ACCESSORIES REFERENCED ON SHEET G002 ARE INCLUDED IN THIS PROJECT. SEE ENLARGED FLOOR PLANS / ELEVATION SHEETS FOR ACCESSORIES LOCATIONS / LAYOUT.
2. ALL ACCESSORIES TO BE **PROVIDED AND INSTALLED BY CONTRACTOR,** UNLESS NOTED OTHERWISE
3. CONFIRM EXACT LOCATION OF EACH ACCESSORY WITH OWNER PRIOR TO INSTALLATION.
4. SURFACE MOUNTED ACCESSORIES SHALL BE INSTALLED OVER WALL TILE
5. OFCI = OWNER FURNISHED, CONTRACTOR INSTALLED. BASIS OF DESIGN. MODEL PROVIDED BY OWNER; VERIFIED FOR PLACEMENT COORDINATION
6. PROVIDE INSULATION WRAP AT EXPOSED PIPING AT SINKS WHERE NO OTHER PROTECTION IS PROVIDED

MOUNTING GENERAL NOTES:

A. ACCESSIBLE ITEMS MUST MOUNT ACCORDING TO THIS SHEET. OTHER ITEMS SHALL MOUNT AS INDICATED, UNO.
B. DIMENSIONS ARE TO THE FACE OF FINISH MATERIALS AND NOT TO SUBSTRATES.
C. DIMENSIONS ARE BASED ON COMPLIANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, ICC/ANSI A117.1, OR OTHER APPLICABLE CODES AND REGULATIONS.
D. CONSTRUCTION/ INSTALLATION TOLERANCES AS DEFINED IN THE PROJECT MANUAL ARE INTENDED TO BE ACCOMMODATED WITH THE DIMENSIONS INDICATED.
E. MINIMUM AND MAXIMUM NOTATIONS
   a. WHERE A DIMENSION IS NOTED AS A MINIMUM (MIN) OR MAXIMUM (MAX), THE DIMENSION MUST BE VERIFIED AND COORDINATED WITH THE SHOP DRAWINGS SO THAT THE ITEM DIMENSIONED WILL BE INSTALLED ACCORDING TO THE DIMENSIONS INDICATED.
   b. MINIMUM AND MAXIMUM DIMENSIONS ARE ABSOLUTE WITH NO TOLERANCE BEYOND THE DIMENSION INDICATED.

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Consultant:

Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: **2930 AIRPORT RD STE A LA CROSSE, WI, 54603**

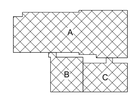
Sheet Title: **ADA MOUNTING HEIGHTS**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **HSR**

Key Plan:



KEY PLAN

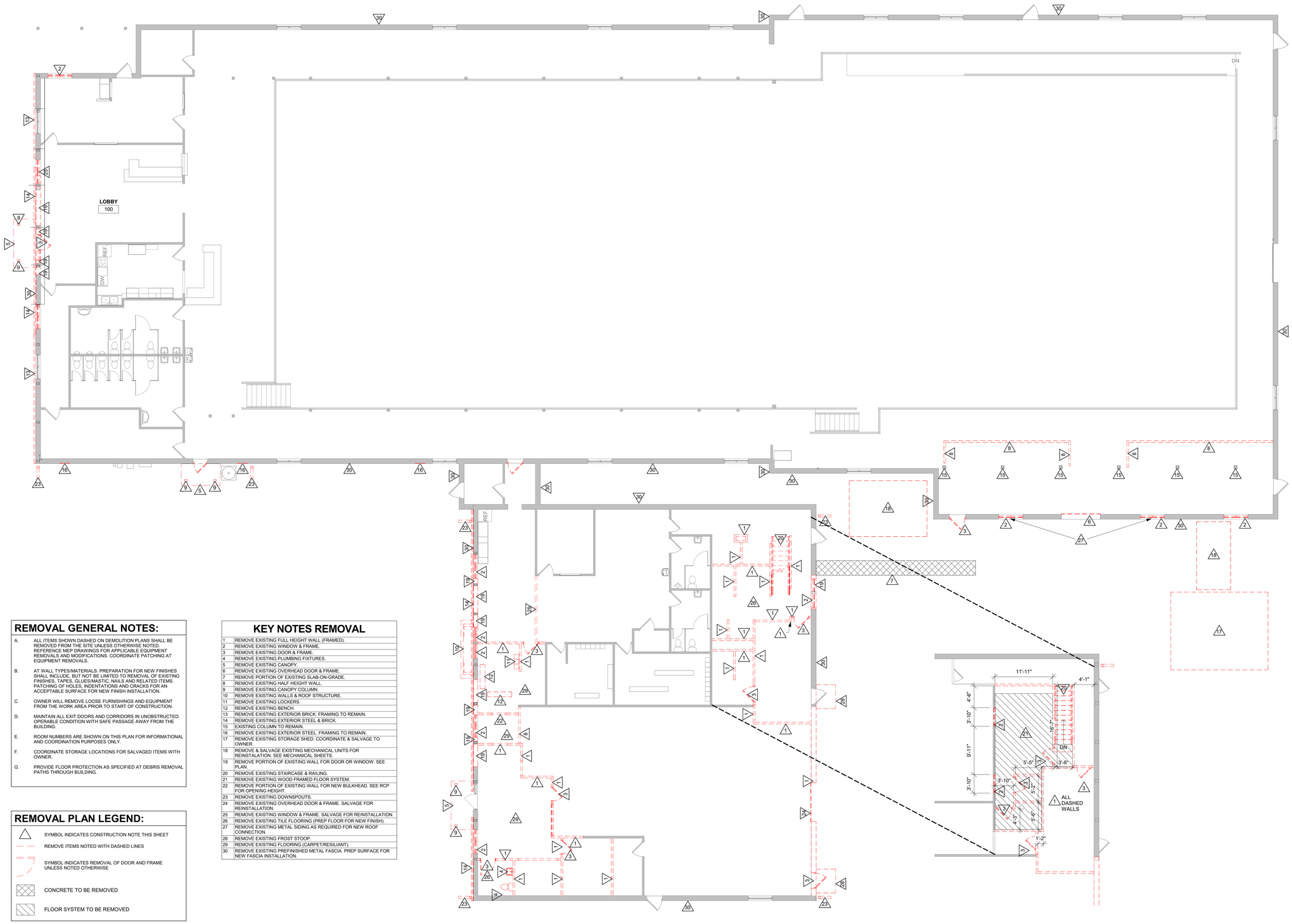
Revisions:

No.	Description	Date

Graphic Scale: **VARIES**

Last Update: **4/14/2023 12:19:21 PM**

G002



REMOVAL GENERAL NOTES:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. AT WALL TYPES/MATERIALS: PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.

C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

D. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

E. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

F. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

G. PROVIDE FLOOR PROTECTION AS SPECIFIED AT DEBRIS REMOVAL PATHS THROUGH BUILDING.

REMOVAL PLAN LEGEND:

- SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- REMOVE ITEMS NOTED WITH DASHED LINES
- SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE
- CONCRETE TO BE REMOVED
- FLOOR SYSTEM TO BE REMOVED

KEY NOTES REMOVAL

1	REMOVE EXISTING FULL HEIGHT WALL (FRAMED).
2	REMOVE EXISTING WINDOW & FRAME.
3	REMOVE EXISTING DOOR & FRAME.
4	REMOVE EXISTING PLUMBING FIXTURES.
5	REMOVE EXISTING CANOPY.
6	REMOVE EXISTING OVERHEAD DOOR & FRAME.
7	REMOVE PORTION OF EXISTING SLAB-ON-GRADE.
8	REMOVE EXISTING HALF HEIGHT WALL.
9	REMOVE EXISTING CANOPY COLUMN.
10	REMOVE EXISTING WALLS & ROOF STRUCTURE.
11	REMOVE EXISTING LOCKERS.
12	REMOVE EXISTING BENCH.
13	REMOVE EXISTING EXTERIOR BRICK. FRAMING TO REMAIN.
14	REMOVE EXISTING EXTERIOR STEEL & BRICK.
15	EXISTING COLUMN TO REMAIN.
16	REMOVE EXISTING EXTERIOR STEEL. FRAMING TO REMAIN.
17	REMOVE EXISTING STORAGE SHED. COORDINATE & SALVAGE TO OWNER.
18	REMOVE & SALVAGE EXISTING MECHANICAL UNITS FOR REINSTALLATION. SEE MECHANICAL SHEETS.
19	REMOVE PORTION OF EXISTING WALL FOR DOOR OR WINDOW. SEE PLAN.
20	REMOVE EXISTING STAIRCASE & RAILING.
21	REMOVE EXISTING WOOD FRAMED FLOOR SYSTEM.
22	REMOVE PORTION OF EXISTING WALL FOR NEW BULKHEAD. SEE RCP FOR OPENING HEIGHT.
23	REMOVE EXISTING DOWNSPOUTS.
24	REMOVE EXISTING OVERHEAD DOOR & FRAME. SALVAGE FOR REINSTALLATION.
25	REMOVE EXISTING WINDOW & FRAME. SALVAGE FOR REINSTALLATION.
26	REMOVE EXISTING TILE FLOORING (PREP FLOOR FOR NEW FINISH).
27	REMOVE EXISTING METAL SIDING AS REQUIRED FOR NEW ROOF CONNECTION.
28	REMOVE EXISTING FROST STOOP.
29	REMOVE EXISTING FLOORING (CARPET/RESILIANT).
30	REMOVE EXISTING PREFINISHED METAL FASCIA. PREP SURFACE FOR NEW FASCIA INSTALLATION.

1 FIRST FLOOR DEMO PLAN

1/8" = 1'-0"

2 MEZZ. DEMO PLAN

1/8" = 1'-0"

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Consultant:

Project Title: PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION

Project Location: 2930 AIRPORT RD STE A LA CROSSE, WI, 54603

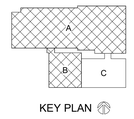
Sheet Title: FIRST FLOOR REMOVAL PLAN

HSR Project Number: 23007

Project Date: April 14, 2023

Drawn By: VGH/RMW

Key Plan:



KEY PLAN

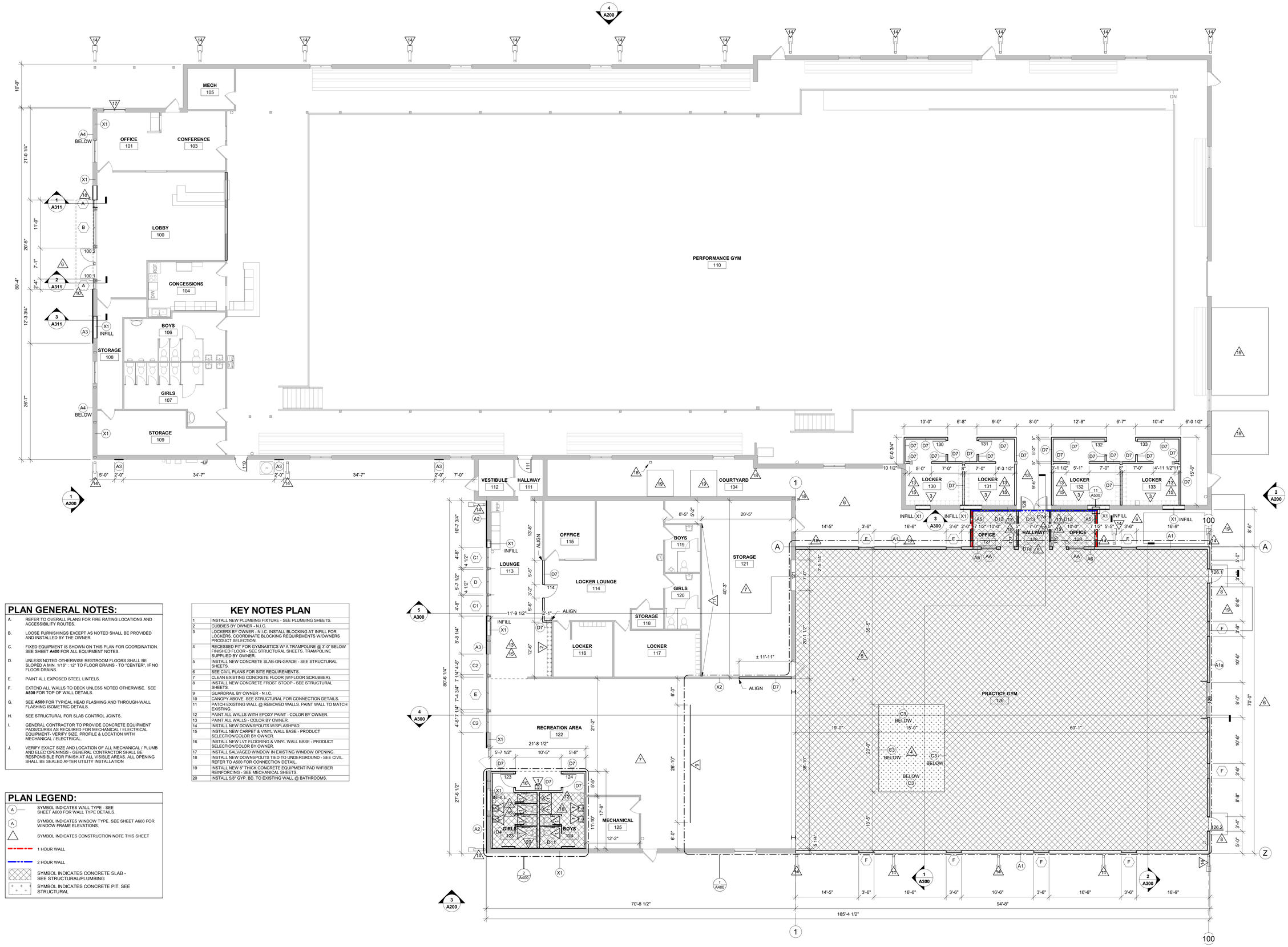
Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

Last Update: 4/14/2023 12:19:04 PM

A090



PLAN GENERAL NOTES:

A. REFER TO OVERALL PLANS FOR FIRE RATING LOCATIONS AND ACCESSIBILITY ROUTES.

B. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

C. FIXED EQUIPMENT IS SHOWN ON THIS PLAN FOR COORDINATION. SEE SHEET **A400** FOR ALL EQUIPMENT NOTES.

D. UNLESS NOTED OTHERWISE RESTROOM FLOORS SHALL BE SLOPED A MIN. 1/16" : 12" TO FLOOR DRAINS - TO "CENTER", IF NO FLOOR DRAINS.

E. PAINT ALL EXPOSED STEEL LINTELS.

F. EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE. SEE **A500** FOR TOP OF WALL DETAILS.

G. SEE **A500** FOR TYPICAL HEAD FLASHING AND THROUGH-WALL FLASHING ISOMETRIC DETAILS.

H. SEE STRUCTURAL FOR SLAB CONTROL JOINTS.

I. GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT- VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL / ELECTRICAL.

J. VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC OPENINGS - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION

PLAN LEGEND:

- SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
- SYMBOL INDICATES WINDOW TYPE. SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.
- SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- 1 HOUR WALL
- 2 HOUR WALL
- SYMBOL INDICATES CONCRETE SLAB - SEE STRUCTURAL/PLUMBING
- SYMBOL INDICATES CONCRETE PIT. SEE STRUCTURAL

KEY NOTES PLAN

1	INSTALL NEW PLUMBING FIXTURE - SEE PLUMBING SHEETS.
2	CUBBIES BY OWNER - N.I.C.
3	LOCKERS BY OWNER - N.I.C. INSTALL BLOCKING AT INFILL FOR LOCKERS. COORDINATE BLOCKING REQUIREMENTS W/OWNERS PRODUCT SELECTION.
4	RECESSED PIT FOR GYMNASTICS W/ A TRAMPOLINE @ 3'-0" BELOW FINISHED FLOOR - SEE STRUCTURAL SHEETS. TRAMPOLINE SUPPLIED BY OWNER.
5	INSTALL NEW CONCRETE SLAB-ON-GRADE - SEE STRUCTURAL SHEETS.
6	SEE CIVIL PLANS FOR SITE REQUIREMENTS.
7	CLEAN EXISTING CONCRETE FLOOR (W/FLOOR SCRUBBER).
8	INSTALL NEW CONCRETE FROST STOOP - SEE STRUCTURAL SHEETS.
9	GUARDRAIL BY OWNER - N.I.C.
10	CANOPY ABOVE. SEE STRUCTURAL FOR CONNECTION DETAILS.
11	PATCH EXISTING WALL @ REMOVED WALLS. PAINT WALL TO MATCH EXISTING.
12	PAINT ALL WALLS WITH EPOXY PAINT - COLOR BY OWNER.
13	PAINT ALL WALLS - COLOR BY OWNER.
14	INSTALL NEW DOWNSPOUTS W/SPLASHPAD.
15	INSTALL NEW CARPET & VINYL WALL BASE - PRODUCT SELECTION/COLOR BY OWNER.
16	INSTALL NEW LVT FLOORING & VINYL WALL BASE - PRODUCT SELECTION/COLOR BY OWNER.
17	INSTALL SALVAGED WINDOW IN EXISTING WINDOW OPENING.
18	INSTALL NEW DOWNSPOUTS TIED TO UNDERGROUND - SEE CIVIL. REFER TO A500 FOR CONNECTION DETAIL.
19	INSTALL NEW 8" THICK CONCRETE EQUIPMENT PAD W/FIBER REINFORCING - SEE MECHANICAL SHEETS.
20	INSTALL 5/8" GYP. BD. TO EXISTING WALL @ BATHROOMS.

1 OVERALL FLOOR PLAN

1/8" = 1'-0"

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Consultant:

Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: 2930 AIRPORT RD STE A LA CROSSE, WI, 54603

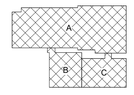
Sheet Title: **FIRST FLOOR REMODEL PLAN**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **VGH/RMW**

Key Plan:



KEY PLAN

Revisions:

No.	Description	Date

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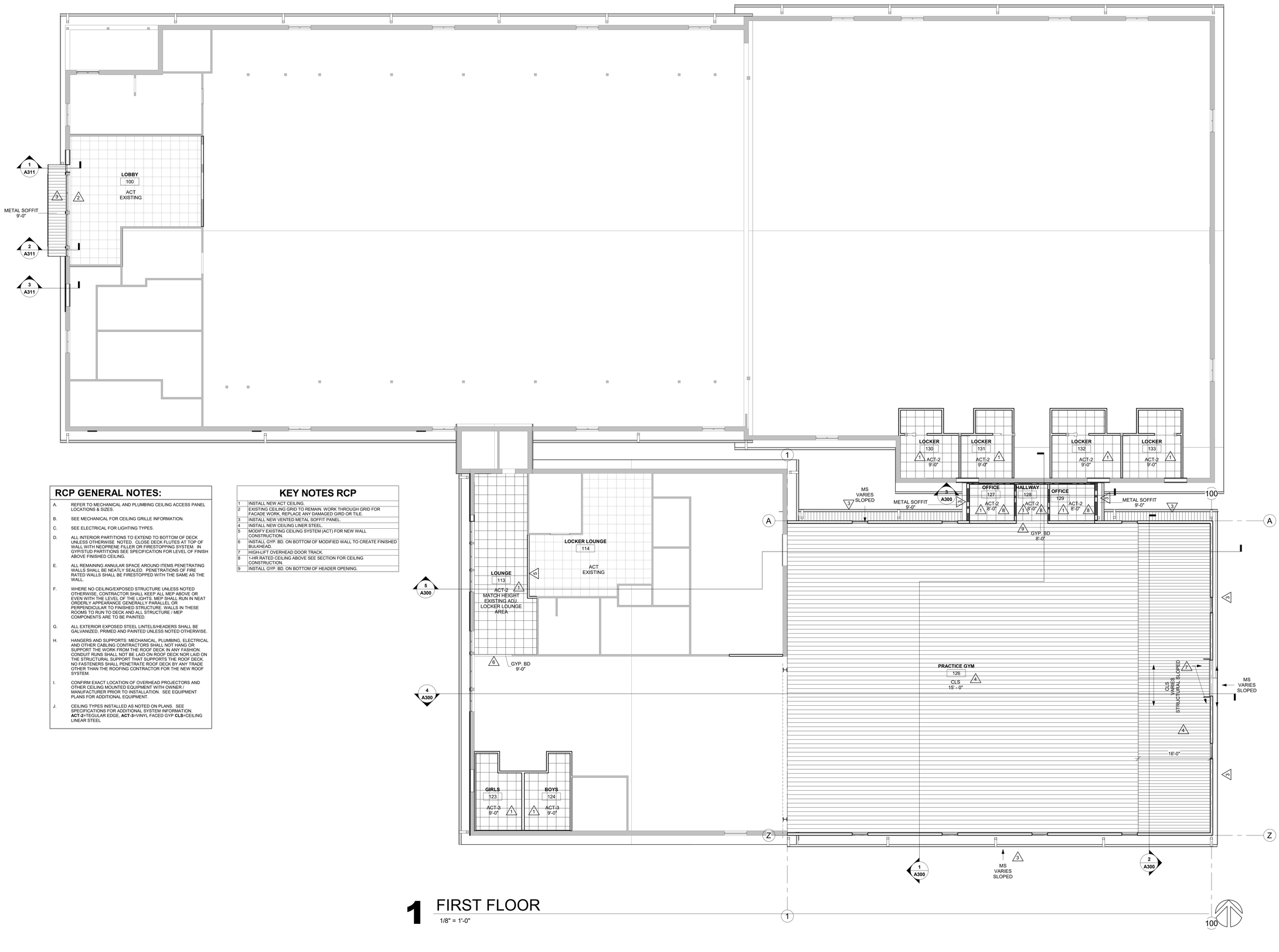
Last Update: **4/14/2023 12:19:06 PM**

A100



RCP GENERAL NOTES:

A. REFER TO MECHANICAL AND PLUMBING CEILING ACCESS PANEL LOCATIONS & SIZES.

B. SEE MECHANICAL FOR CEILING GRILLE INFORMATION.

C. SEE ELECTRICAL FOR LIGHTING TYPES.

D. ALL INTERIOR PARTITIONS TO EXTEND TO BOTTOM OF DECK UNLESS OTHERWISE NOTED. CLOSE DECK FLUTES AT TOP OF WALL WITH NEOPRENE FILLER OR FIRESTOPPING SYSTEM. IN GYP/STUD PARTITIONS SEE SPECIFICATION FOR LEVEL OF FINISH ABOVE FINISHED CEILING.

E. ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED. PENETRATIONS OF FIRE RATED WALLS SHALL BE FIRESTOPPED WITH THE SAME AS THE WALL.

F. WHERE NO CEILING/EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, CONTRACTOR SHALL KEEP ALL MEP ABOVE OR EVEN WITH THE LEVEL OF THE LIGHTS, MEP SHALL RUN IN NEAT ORDERLY APPEARANCE GENERALLY PARALLEL OR PERPENDICULAR TO FINISHED STRUCTURE. WALLS IN THESE ROOMS TO RUN TO DECK AND ALL STRUCTURE / MEP COMPONENTS ARE TO BE PAINTED.

G. ALL EXTERIOR EXPOSED STEEL LINTELS/HEADERS SHALL BE GALVANIZED, PRIMED AND PAINTED UNLESS NOTED OTHERWISE.

H. HANGERS AND SUPPORTS: MECHANICAL, PLUMBING, ELECTRICAL AND OTHER CABLING CONTRACTORS SHALL NOT HANG OR SUPPORT THE WORK FROM THE ROOF DECK IN ANY FASHION. CONDUIT RUNS SHALL NOT BE LAID ON ROOF DECK NOR LAID ON THE STRUCTURAL SUPPORT THAT SUPPORTS THE ROOF DECK. NO FASTENERS SHALL PENETRATE ROOF DECK BY ANY TRADE OTHER THAN THE ROOFING CONTRACTOR FOR THE NEW ROOF SYSTEM.

I. CONFIRM EXACT LOCATION OF OVERHEAD PROJECTORS AND OTHER CEILING MOUNTED EQUIPMENT WITH OWNER / MANUFACTURER PRIOR TO INSTALLATION. SEE EQUIPMENT PLANS FOR ADDITIONAL EQUIPMENT.

J. CEILING TYPES INSTALLED AS NOTED ON PLANS. SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM INFORMATION. **ACT-2**=TEGULAR EDGE, **ACT-3**=VINYL FACED GYP **CLS**=CEILING LINEAR STEEL

KEY NOTES RCP

1	INSTALL NEW ACT CEILING.
2	EXISTING CEILING GRID TO REMAIN. WORK THROUGH GRID FOR FACADE WORK. REPLACE ANY DAMAGED GIRD OR TILE.
3	INSTALL NEW VENTED METAL SOFFIT PANEL.
4	INSTALL NEW CEILING LINER STEEL.
5	MODIFY EXISTING CEILING SYSTEM (ACT) FOR NEW WALL CONSTRUCTION.
6	INSTALL GYP. BD. ON BOTTOM OF MODIFIED WALL TO CREATE FINISHED BULKHEAD.
7	HIGH-LIFT OVERHEAD DOOR TRACK.
8	1-HR RATED CEILING ABOVE SEE SECTION FOR CEILING CONSTRUCTION.
9	INSTALL GYP. BD. ON BOTTOM OF HEADER OPENING.

1 FIRST FLOOR

1/8" = 1'-0"

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Consultant:

Project Title: **PERFORMANCE ELITE GYMNASTICS**
BUILDING ADDITION

Project Location: **2930 AIRPORT RD STE A**
LA CROSSE, WI, 54603

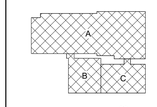
Sheet Title: **FIRST FLOOR REFLECTED CEILING PLAN**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **RMW**

Key Plan:



KEY PLAN

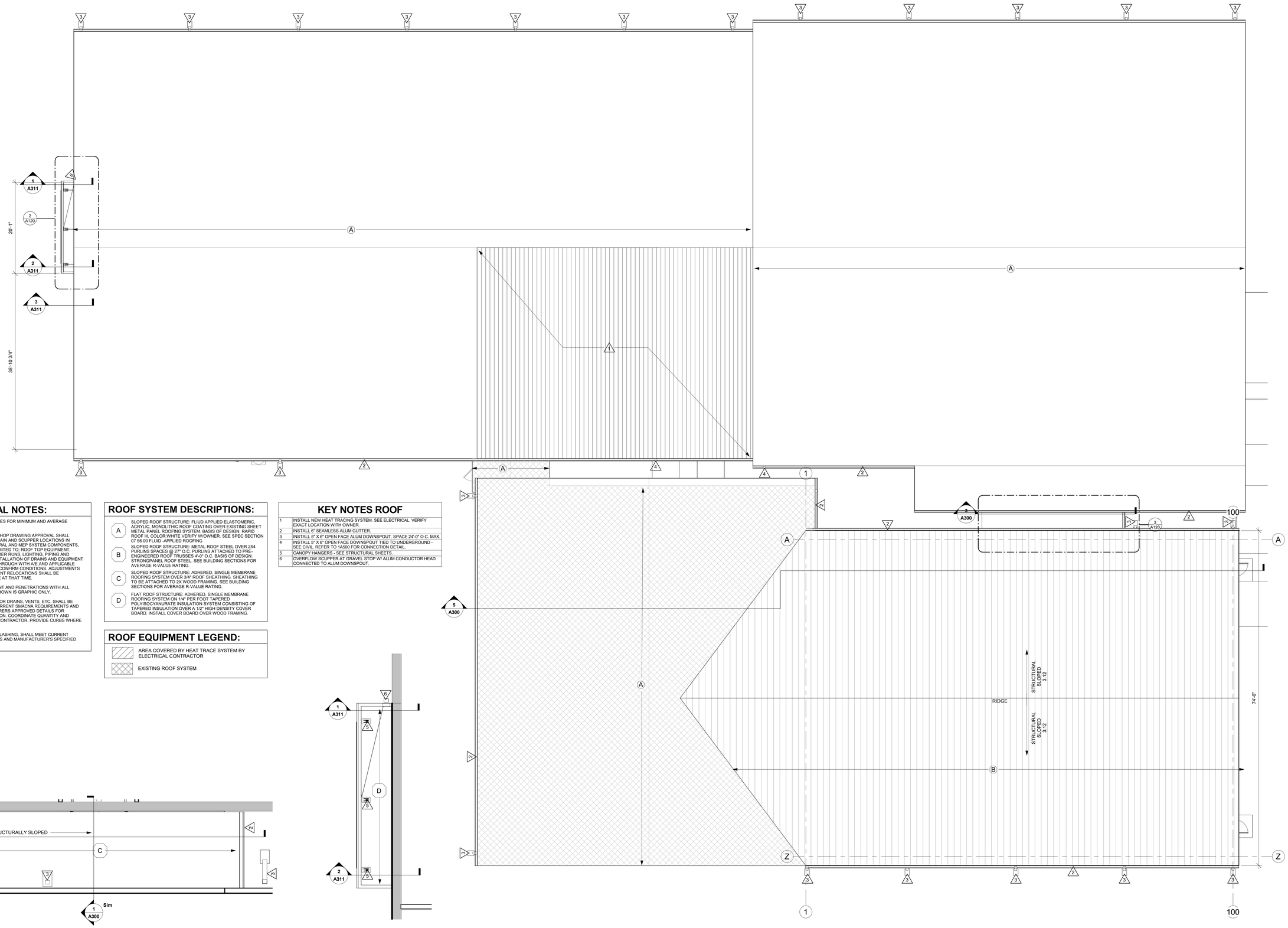
Revisions:

No.	Description	Date

Graphic Scale: **VARIES**

Last Update: **4/14/2023 12:19:07 PM**

A110



ROOF GENERAL NOTES:

A. SEE ROOF SYSTEM NOTES FOR MINIMUM AND AVERAGE INSULATION VALUES.

B. TAPERED INSULATION SHOP DRAWING APPROVAL SHALL INCLUDE REVIEW OF DRAIN AND SCUPPER LOCATIONS IN RELATION TO STRUCTURAL AND MEP SYSTEM COMPONENTS, INCLUDING, BUT NOT LIMITED TO; ROOF TOP EQUIPMENT, DUCTWORK, ROOF LEADER RUNS, LIGHTING, PIPING AND CONDUIT. PRIOR TO INSTALLATION OF DRAINS AND EQUIPMENT COORDINATE A WALK THROUGH WITH A/E AND APPLICABLE SUBCONTRACTORS TO CONFIRM CONDITIONS. ADJUSTMENTS TO DRAIN AND EQUIPMENT RELOCATIONS SHALL BE COORDINATED WITH A/E AT THAT TIME.

C. VERIFY ROOF EQUIPMENT AND PENETRATIONS WITH ALL TRADES. EQUIPMENT SHOWN IS GRAPHIC ONLY.

D. ROOF PENETRATIONS FOR DRAINS, VENTS, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS WITH MEP CONTRACTOR. PROVIDE CURBS WHERE REQUIRED.

E. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

ROOF SYSTEM DESCRIPTIONS:

A. SLOPED ROOF STRUCTURE: FLUID APPLIED ELASTOMERIC, ACRYLIC, MONOLITHIC ROOF COATING OVER EXISTING SHEET METAL PANEL ROOFING SYSTEM. BASIS OF DESIGN: RAPID ROOF III, COLOR:WHITE VERIFY W/OWNER. SEE SPEC SECTION 07 56 00 FLUID -APPLIED ROOFING

B. SLOPED ROOF STRUCTURE: METAL ROOF STEEL OVER 2X4 PURLINS SPACES @ 27" O.C. PURLINS ATTACHED TO PRE-ENGINEERED ROOF TRUSSES 4'-0" O.C. BASIS OF DESIGN: STRONGPANEL ROOF STEEL. SEE BUILDING SECTIONS FOR AVERAGE R-VALUE RATING.

C. SLOPED ROOF STRUCTURE: ADHERED, SINGLE MEMBRANE ROOFING SYSTEM OVER 3/4" ROOF SHEATHING. SHEATHING TO BE ATTACHED TO 2X WOOD FRAMING. SEE BUILDING SECTIONS FOR AVERAGE R-VALUE RATING.

D. FLAT ROOF STRUCTURE: ADHERED, SINGLE MEMBRANE ROOFING SYSTEM ON 1/4" PER FOOT TAPERED POLYISOCYANURATE INSULATION SYSTEM CONSISTING OF TAPERED INSULATION OVER A 1/2" HIGH DENSITY COVER BOARD. INSTALL COVER BOARD OVER WOOD FRAMING.

ROOF EQUIPMENT LEGEND:

AREA COVERED BY HEAT TRACE SYSTEM BY ELECTRICAL CONTRACTOR

EXISTING ROOF SYSTEM

KEY NOTES ROOF

1	INSTALL NEW HEAT TRACING SYSTEM. SEE ELECTRICAL. VERIFY EXACT LOCATION WITH OWNER.
2	INSTALL 6" SEAMLESS ALUM GUTTER.
3	INSTALL 5" X 6" OPEN FACE ALUM DOWNSPOUT. SPACE 24'-0" O.C. MAX.
4	INSTALL 5" X 6" OPEN FACE DOWNSPOUT TIED TO UNDERGROUND - SEE CIVIL. REFER TO 1A500 FOR CONNECTION DETAIL.
5	CANOPY HANGERS - SEE STRUCTURAL SHEETS.
6	OVERFLOW SCUPPER AT GRAVEL STOP W/ ALUM CONDUCTOR HEAD CONNECTED TO ALUM DOWNSPOUT.

3 BLDG CONNECTOR ROOF PLAN
1/4" = 1'-0"

2 CANOPY ROOF PLAN
1/4" = 1'-0"

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

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Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: **2930 AIRPORT RD STE A LA CROSSE, WI, 54603**

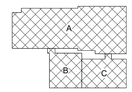
Sheet Title: **ROOF PLAN**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **RMW**

Key Plan:



KEY PLAN

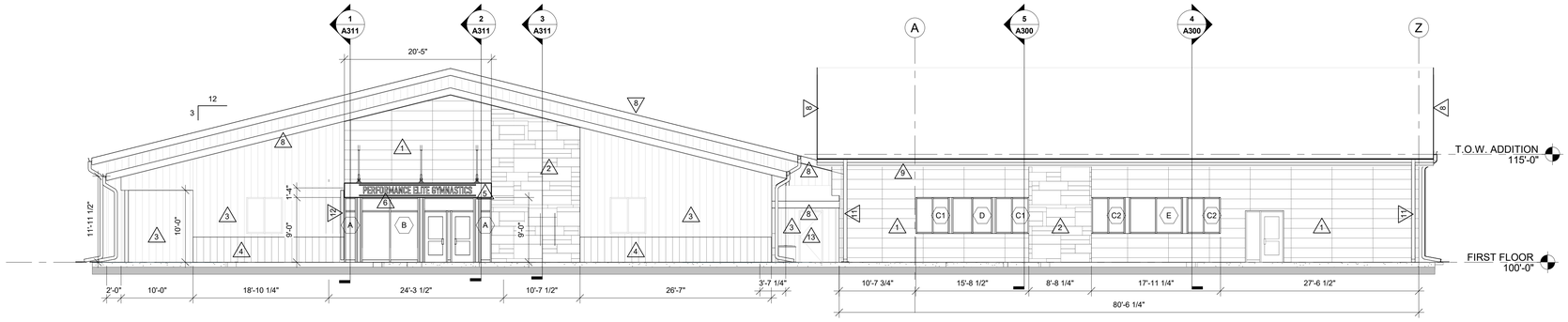
Revisions:

No.	Description	Date

Graphic Scale: **VARIES**

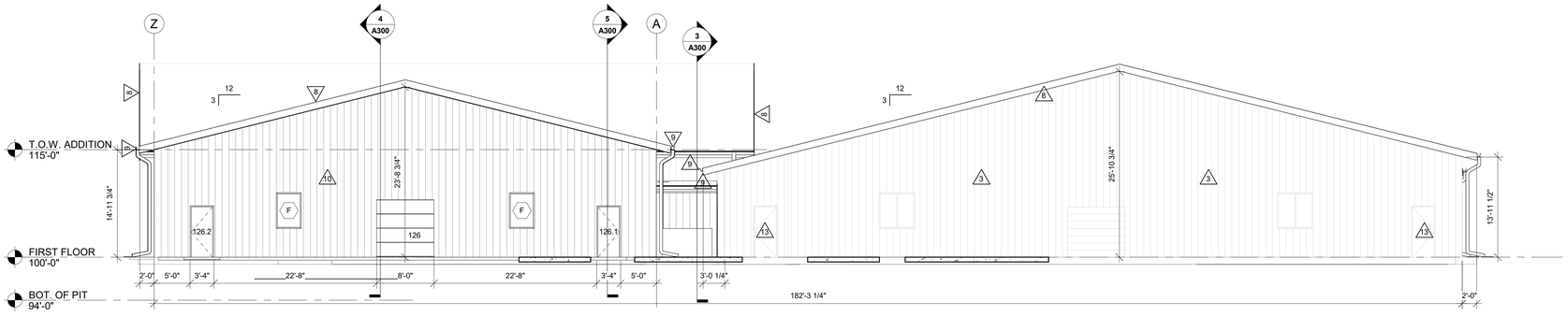
Last Update: **4/14/2023 12:19:08 PM**

A120



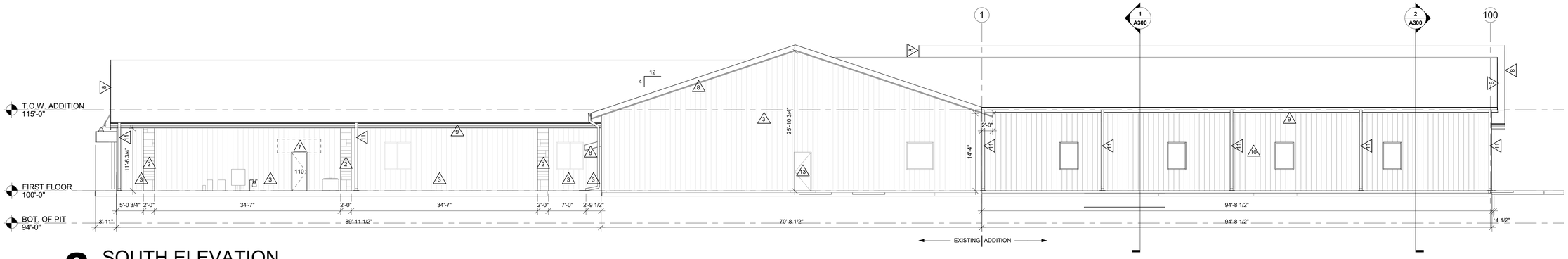
1 WEST ELEVATION

1/8" = 1'-0"



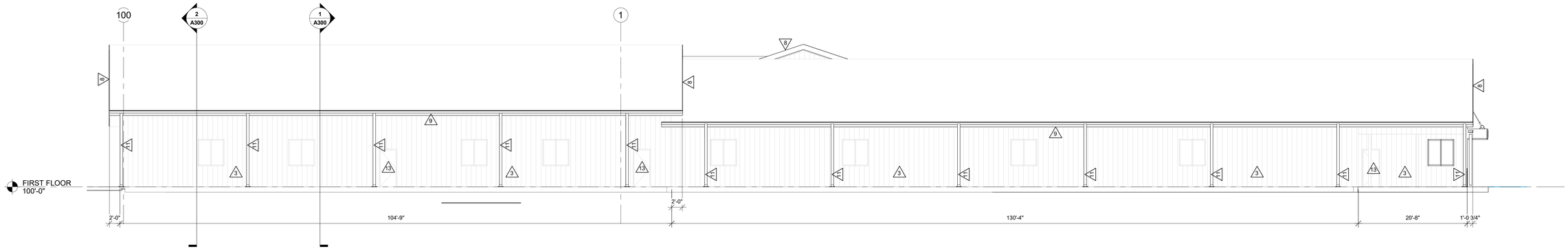
2 EAST ELEVATION

1/8" = 1'-0"



3 SOUTH ELEVATION

1/8" = 1'-0"



4 NORTH ELEVATION

1/8" = 1'-0"

ELEVATION GENERAL NOTES:

A. SEE SPECIFICATION FOR MATERIAL TYPE.

ELEVATION LEGEND:

- KEYNOTE TAG
- WINDOW TAG - SEE SHEET **A601** FOR FRAME ELEVATIONS
- WALL STEEL
- NICHIHA SANDSTONE DESERT BEIGE
- NICHIHA TUFFBLOCK STEEL

KEY NOTES ELEVATION

1	INSTALL NICHIHA TUFFROCK PANELS.
2	INSTALL NICHIHA SANDSTONE PANELS.
3	PAINT EXISTING WALL STEEL.
4	INSTALL NEW METAL PANEL - PAINT.
5	INSTALL CANOPY.
6	SIGNAGE BY OWNER.
7	REPAIR WALL STEEL REMOVED CANOPY. RESTORE WALL.
8	INSTALL PREFINISHED NEW METAL FASCIA.
9	INSTALL PREFINISHED NEW METAL FASCIA & GUTTER.
10	WALL STEEL - SEE PLAN FOR WALL TYPE.
11	INSTALL NEW DOWNSPOUTS W/SPLASHPAD.
12	INSTALL NEW DOWNSPOUTS TIED TO UNDERGROUND - SEE CIVIL. REFER TO A500 FOR CONNECTION DETAIL.
13	PAINT EXISTING DOORS

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Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: **2930 AIRPORT RD STE A LA CROSSE, WI, 54603**

Sheet Title: **ELEVATIONS**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **VGH/RMW**

Key Plan:

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

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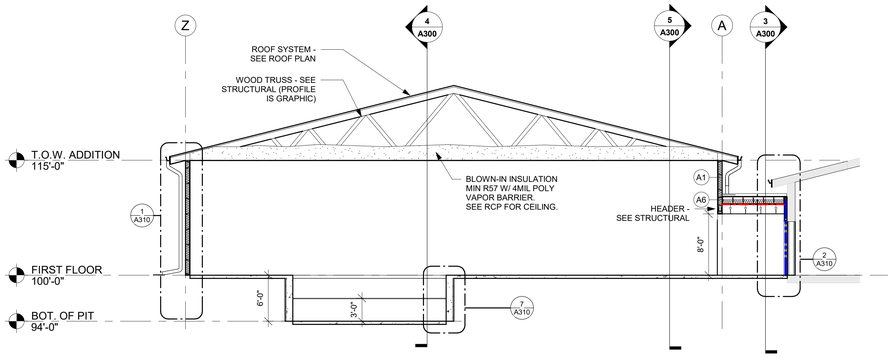
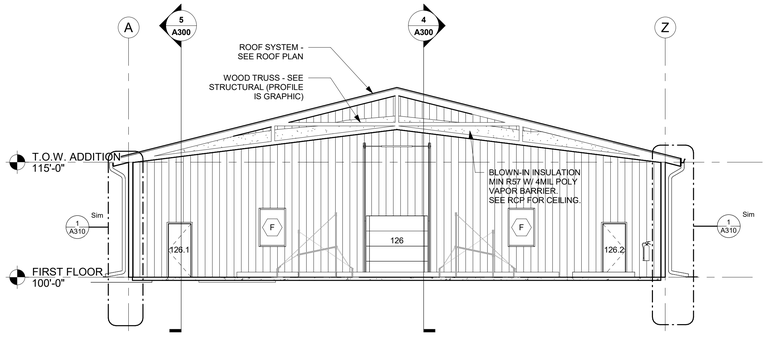
A200



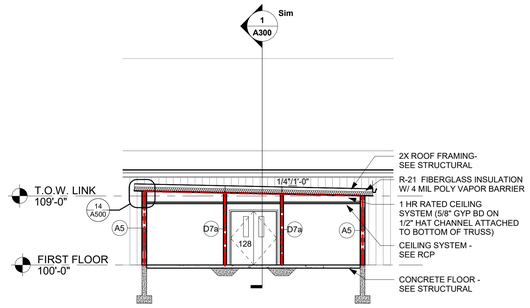
1 BUILDING SECTION

1/8" = 1'-0"



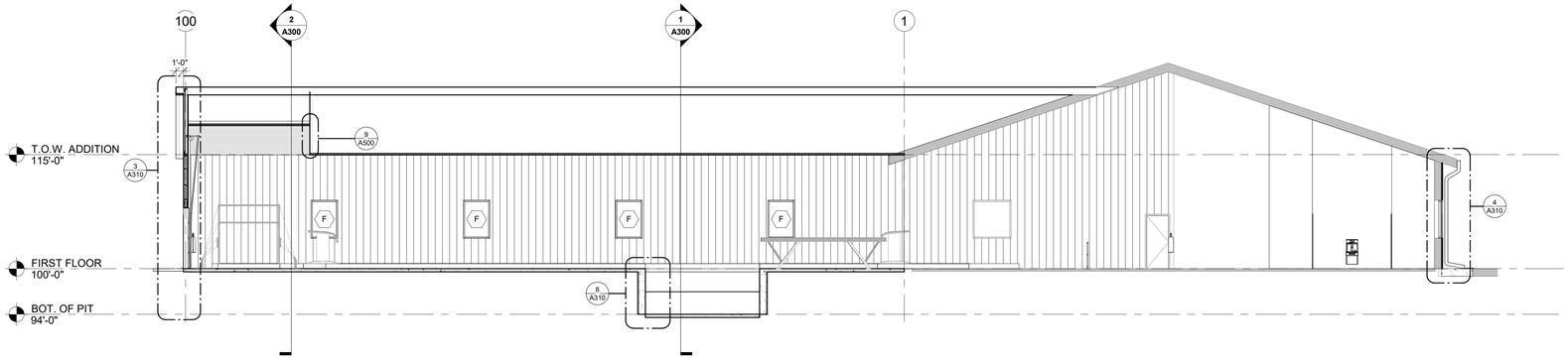
2 BUILDING SECTION

1/8" = 1'-0"



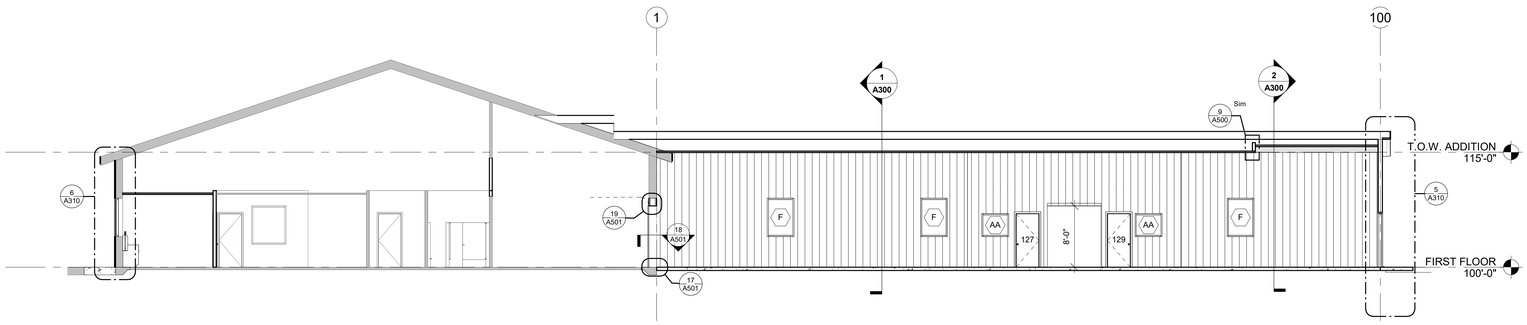
3 BUILDING SECTION

1/8" = 1'-0"



4 BUILDING SECTION

1/8" = 1'-0"



5 BUILDING SECTION

1/8" = 1'-0"

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Consultant:

Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: **2930 AIRPORT RD STE A LA CROSSE, WI, 54603**

Sheet Title: **SECTIONS**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **VGH/RMW**

Key Plan:

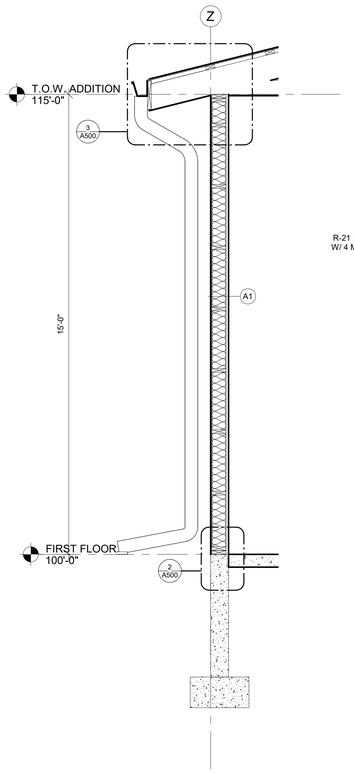
Revisions:

No.	Description	Date

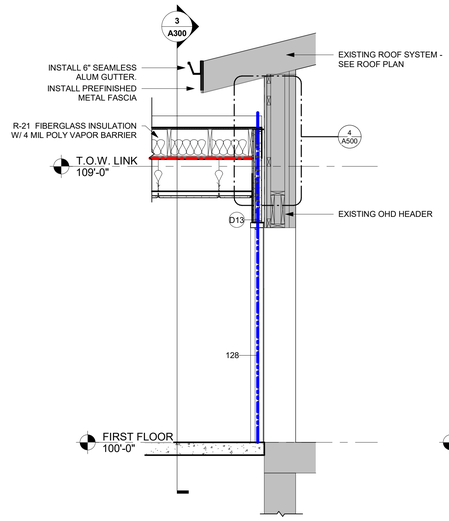
Graphic Scale: 0' 2' 4' 8' 12'

Last Update: **4/14/2023 12:19:11 PM**

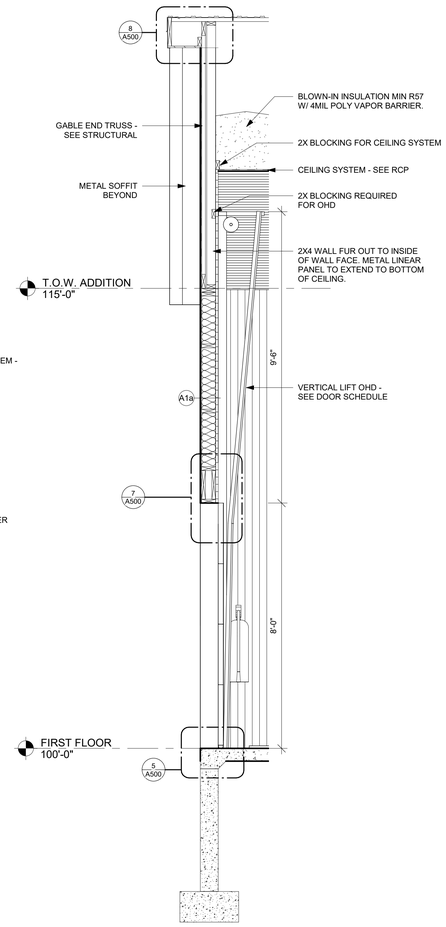
A300



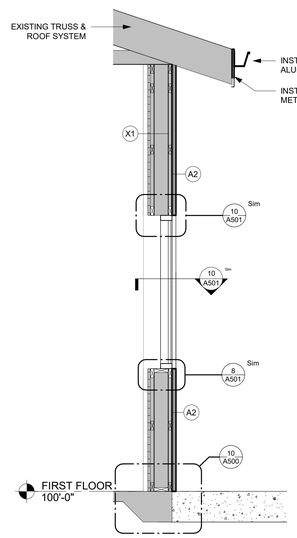
1 WALL SECTION
1/2" = 1'-0"



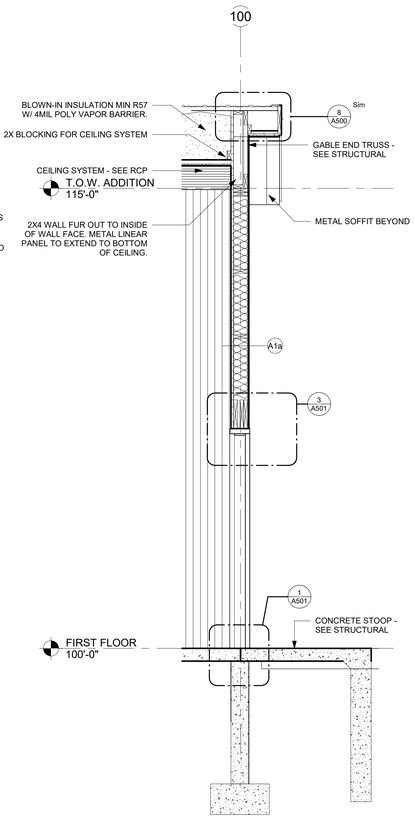
2 WALL SECTION
1/2" = 1'-0"



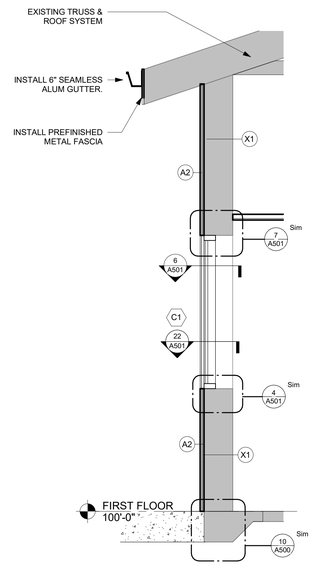
3 WALL SECTION
1/2" = 1'-0"



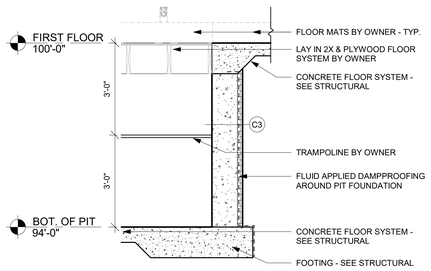
4 WALL SECTION
1/2" = 1'-0"



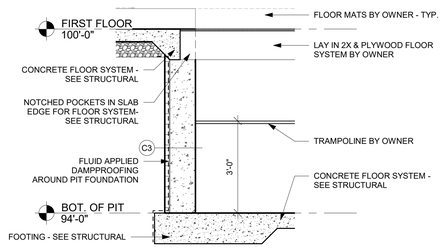
5 WALL SECTION
1/2" = 1'-0"



6 WALL SECTION
1/2" = 1'-0"



7 WALL SECTION
1/2" = 1'-0"



8 WALL SECTION
1/2" = 1'-0"

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Consultant:

Project Title: PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION

Project Location: 2930 AIRPORT RD STE A LA CROSSE, WI, 54603

Sheet Title: WALL SECTIONS

HSR Project Number: 23007

Project Date: April 14, 2023

Drawn By: VGH/RMW

Key Plan:

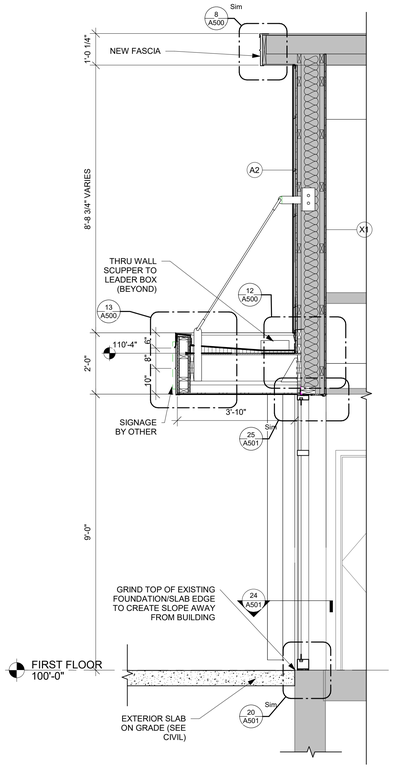
Revisions:

No.	Description	Date

Graphic Scale: 0" 6" 1' 2' 3'

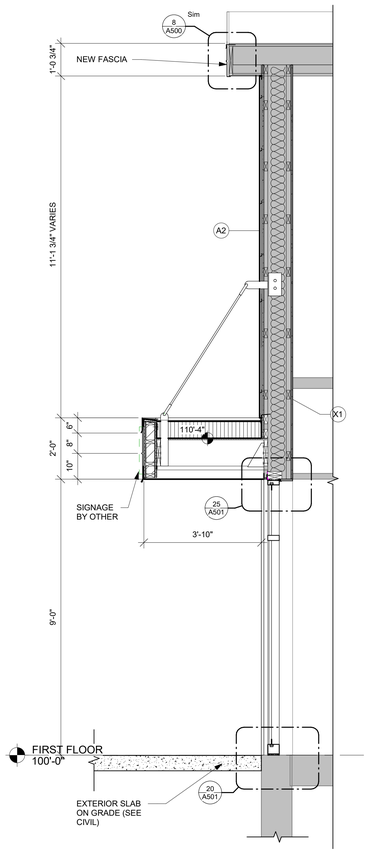
Last Update: 4/14/2023 12:19:12 PM

A310



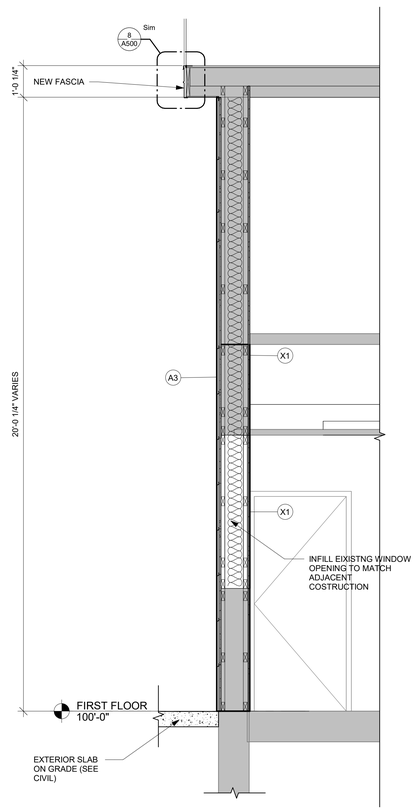
1 WALL SECTION

1/2" = 1'-0"



2 WALL SECTION

1/2" = 1'-0"



3 WALL SECTION

1/2" = 1'-0"

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Consultant:

Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: **2930 AIRPORT RD STE A LA CROSSE, WI, 54603**

Sheet Title: **WALL SECTIONS**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **KPS**

Key Plan:

Revisions:

No.	Description	Date

Graphic Scale: **VARIES**

Last Update: **4/14/2023 12:19:12 PM**

A311

ACCESSORY SCHEDULE

SEE NOTES / MOUNTING INFORMATION ON G002

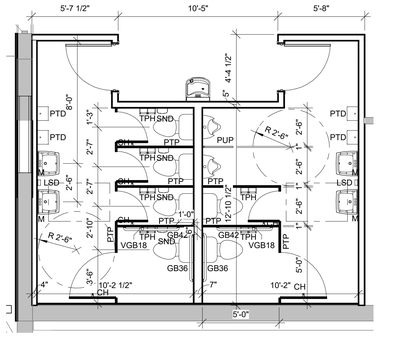
ABBREVIATION	ITEM	STD. MNT. HEIGHT
CH	COAT HOOK (DOUBLE)	TOP @ 3'-10" A.F.F.
FD	FLOOR DRAIN (SEE PLUMBING SHEETS)	
GB36	1 1/2" DIA. GRAB BAR, 36" LONG. SEE PLANS FOR CONFIG./DIMS.	CENTER @ 2'-10" A.F.F.
GB42	1 1/2" DIA. GRAB BAR, 42" LONG. SEE PLANS FOR CONFIG./DIMS.	CENTER @ 2'-10" A.F.F.
LSD	LIQUID SOAP DISP. (OFCI)	SEE SHEET G002
M2	1'-6"W X 3'-0"H MIRROR WITH FRAME	SEE SHEET G002
PTD	PAPER TOWEL DISPENSER (OFCI)	SEE SHEET G002
PTP	PLASTIC TOILET PARTITION	SEE SHEET G002
PUP	PLASTIC URINAL PARTITION	SEE SHEET G002
SND	SANITARY NAPKIN DISPOSAL	BOT @ 27"" A.F.F.
TPH	DBL TOILET PAPER HOLDER (OFCI)	BOT @ 2'-0" A.F.F.
VGB18	1 1/2" DIA. VERTICAL GRAB BAR - 18" LONG	BOT @ 3'-4" A.F.F.

ACCESSORIES GENERAL NOTES:

1. NOT ALL ACCESSORIES REFERENCED ON SHEET G002 ARE INCLUDED IN THIS PROJECT. SEE ENLARGED FLOOR PLANS / ELEVATION SHEETS FOR ACCESSORIES LOCATIONS / LAYOUT.
2. ALL ACCESSORIES TO BE **PROVIDED AND INSTALLED BY CONTRACTOR**, UNLESS NOTED OTHERWISE
3. CONFIRM EXACT LOCATION OF EACH ACCESSORY WITH OWNER PRIOR TO INSTALLATION.
4. SURFACE MOUNTED ACCESSORIES SHALL BE INSTALLED OVER WALL TILE
5. OFCI = OWNER FURNISHED, CONTRACTOR INSTALLED. BASIS OF DESIGN MODEL PROVIDED BY OWNER; VERIFIED FOR PLACEMENT COORDINATION
6. PROVIDE INSULATION WRAP AT EXPOSED PIPING AT SINKS WHERE NO OTHER PROTECTION IS PROVIDED

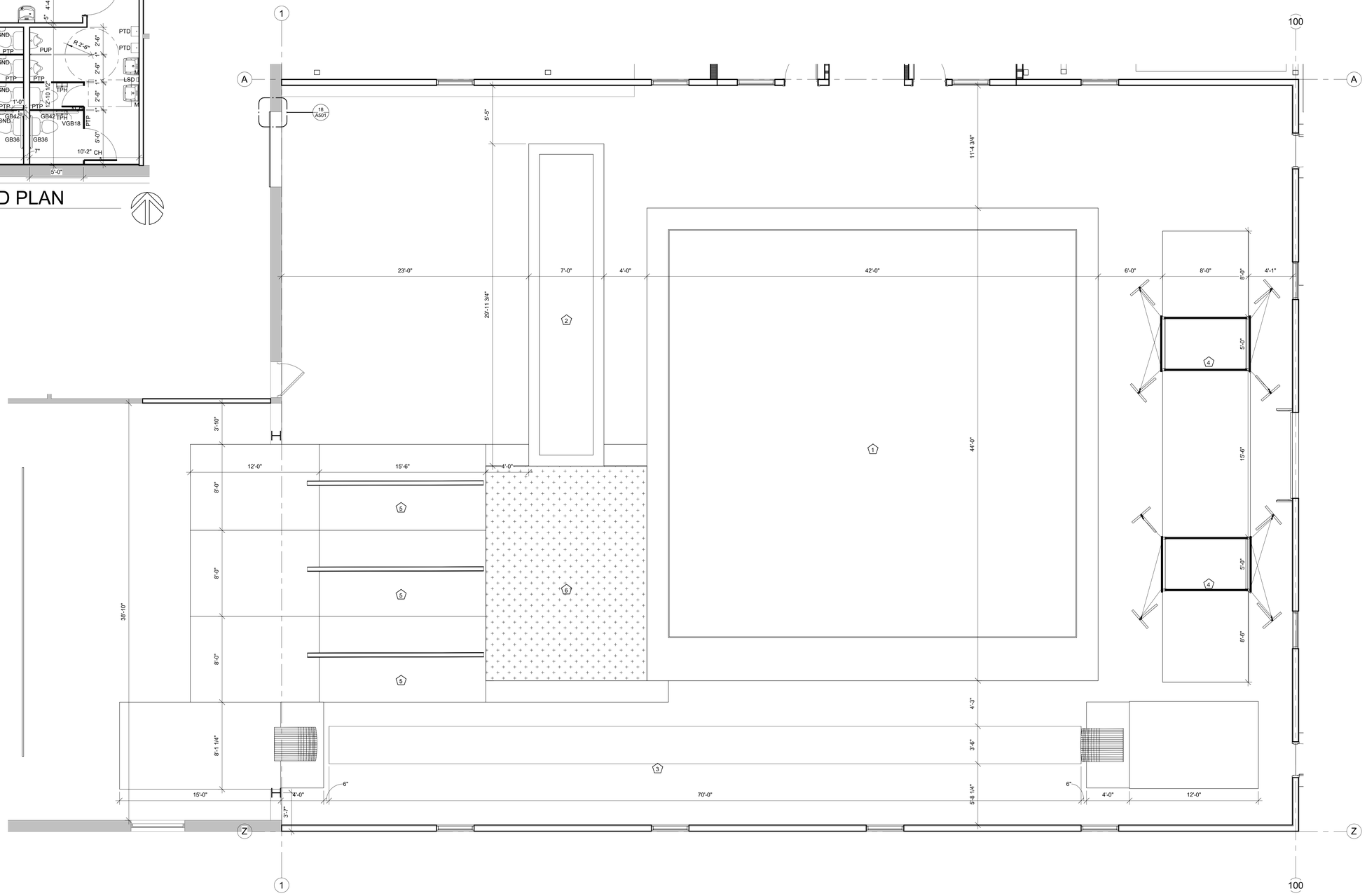
EQUIPMENT SCHEDULE

MARK	DESCRIPTION	ROOM # LOCATION	UTILITY CONNECT.	FURNISHED		INSTALLED		REMARKS
				OWNER	CONTRACT.	OWNER	CONTRACT.	
1	FLOOR MAT	112	NONE	Yes	No	Yes	No	NEW
2	TRAMPOLINE	112	NONE	Yes	No	Yes	No	NEW
3	VAULTS	112	NONE	Yes	No	Yes	No	NEW
4	UNEVEN BARS	112	NONE	Yes	No	Yes	No	NEW
5	BALANCE BEAM	112	NONE	Yes	No	Yes	No	NEW
6	TRAMPOLINE WITH FOAM BLOCKS	112	NONE	Yes	No	Yes	No	NEW



2 ENLARGED PLAN

1/4" = 1'-0"



1 EQUIPMENT PLAN

1/4" = 1'-0"

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Consultant:

Project Title:
PERFORMANCE ELITE GYMNASTICS
BUILDING ADDITION

Project Location:
2930 AIRPORT RD STE A
LA CROSSE, WI, 54603

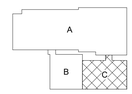
Sheet Title:
ENLARGED PLANS

HSR Project Number:
23007

Project Date:
April 14, 2023

Drawn By:
VGH

Key Plan:



KEY PLAN

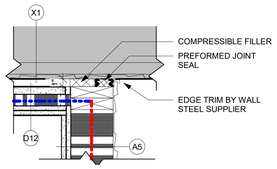
Revisions:

No.	Description	Date

Graphic Scale:
VARIES

Last Update:
4/14/2023 12:19:14 PM

A400



11 PLAN DETAIL
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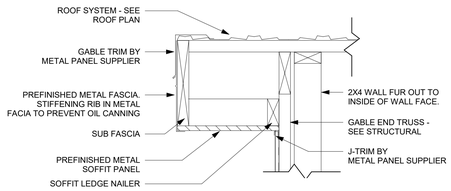
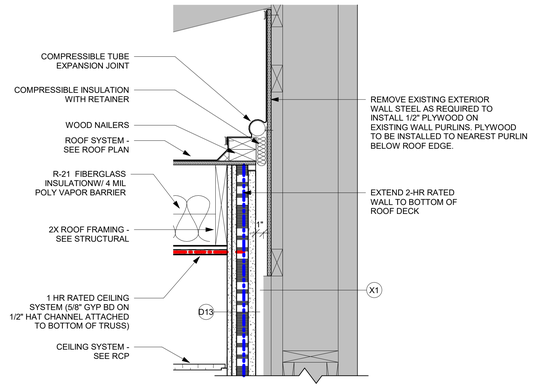
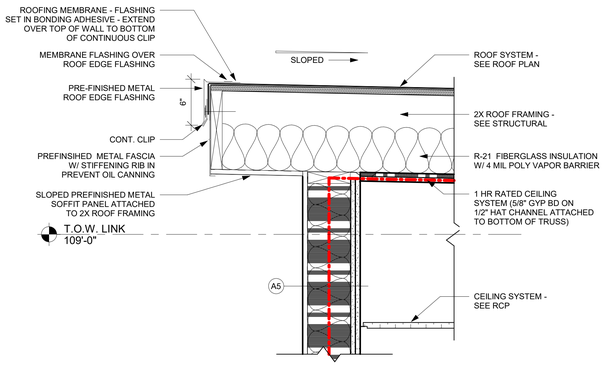


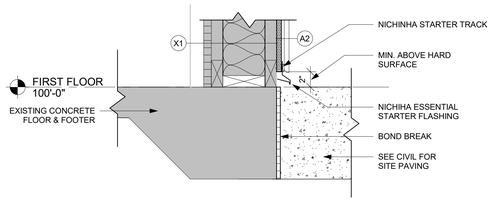
8 ROOF DETAIL
1 1/2" = 1'-0"



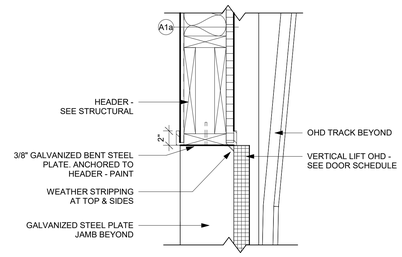
4 EXPANSION JT. DETAIL
1 1/2" = 1'-0"



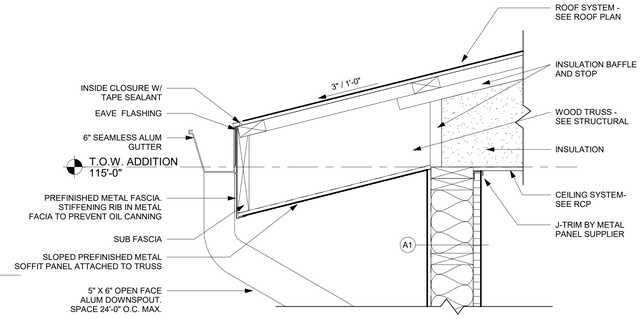
14 WALL DETAIL
1 1/2" = 1'-0"



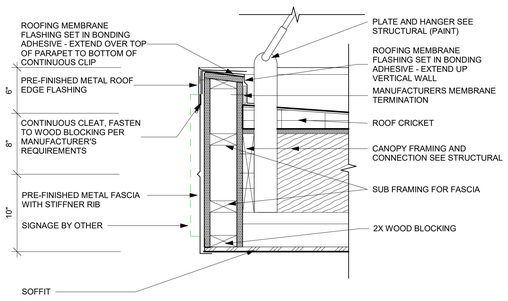
10 WALL DETAIL
1 1/2" = 1'-0"



7 DR HEAD DETAIL
1 1/2" = 1'-0"



3 ROOF DETAIL
1 1/2" = 1'-0"



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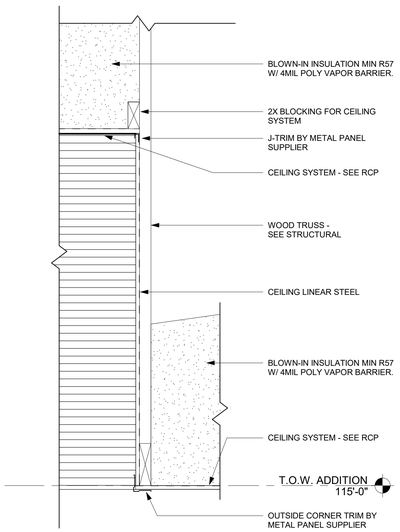
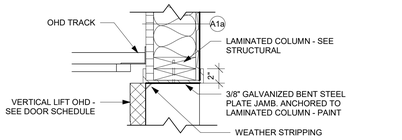
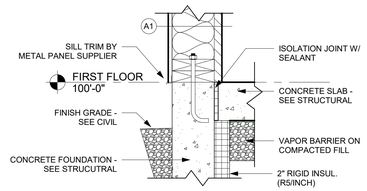
1 1/2" = 1'-0"



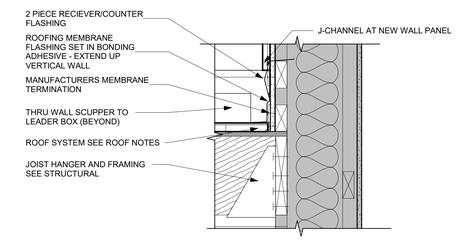
9 WALL DETAIL
1 1/2" = 1'-0"



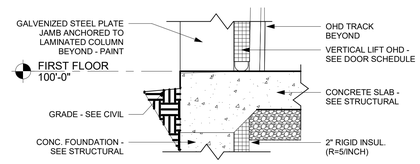
6 DR JAMB DETAIL
1 1/2" = 1'-0"



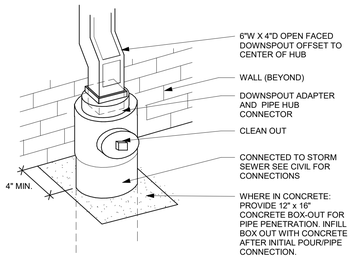
2 WALL DETAIL
1 1/2" = 1'-0"



12 CANOPY DETAIL
1 1/2" = 1'-0"



5 DR SILL DETAIL
1 1/2" = 1'-0"



1 DOWNSPOUT TRANSITION
1 1/2" = 1'-0"

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Consultant:

Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: **2930 AIRPORT RD STE A LA CROSSE, WI, 54603**

Sheet Title: **DETAILS**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **RMW/KPS**

Key Plan:

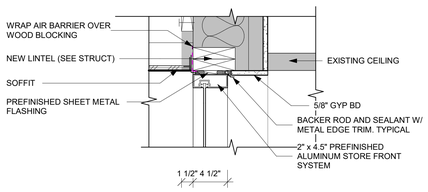
Revisions:

No.	Description	Date

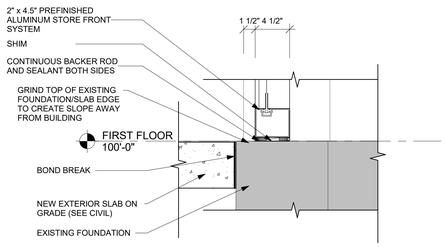
Graphic Scale: **VARIES**

Last Update: **4/14/2023 12:19:15 PM**

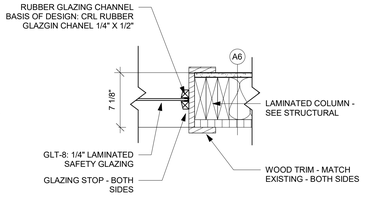
A500



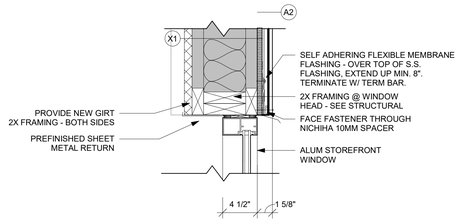
25 DR/WDO HEAD DETAIL
1 1/2" = 1'-0"



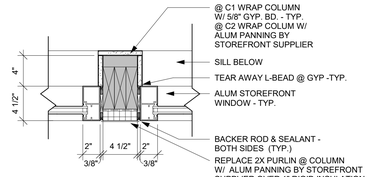
20 WDO SILL DETAIL
1 1/2" = 1'-0"



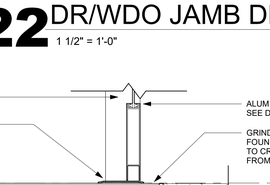
15 WDO JAMB DETAIL
1 1/2" = 1'-0"



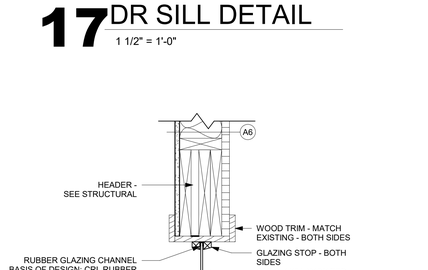
10 WDO HEAD DETAIL
1 1/2" = 1'-0"



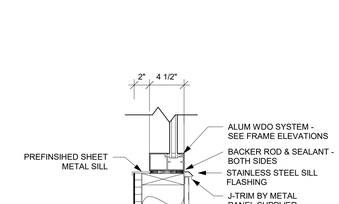
5 WDO JAMB DETAIL
1 1/2" = 1'-0"



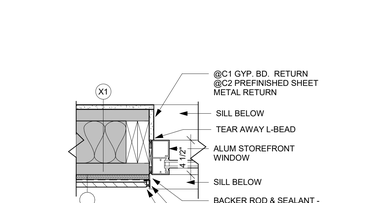
24 WDO JAMB DETAIL
1 1/2" = 1'-0"



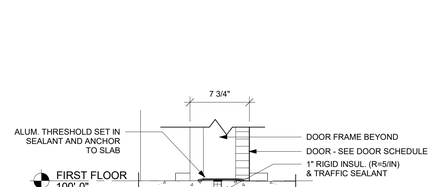
19 DR HEAD DETAIL
1 1/2" = 1'-0"



14 WDO SILL DETAIL
1 1/2" = 1'-0"



9 WDO JAMB DETAIL
1 1/2" = 1'-0"



4 WDO SILL DETAIL
1 1/2" = 1'-0"

23 WDO JAMB DETAIL
1 1/2" = 1'-0"

18 DR JAMB DETAIL
1 1/2" = 1'-0"

13 WDO HEAD DETAIL
1 1/2" = 1'-0"

8 WDO SILL DETAIL
1 1/2" = 1'-0"

3 DR HEAD DETAIL
1 1/2" = 1'-0"

22 DR/WDO JAMB DETAIL
1 1/2" = 1'-0"

17 DR SILL DETAIL
1 1/2" = 1'-0"

12 WDO JAMB DETAIL
1 1/2" = 1'-0"

7 WDO HEAD DETAIL
1 1/2" = 1'-0"

2 DR JAMB DETAIL
1 1/2" = 1'-0"

21 DR SILL DETAIL
1 1/2" = 1'-0"

16 WDO HEAD DETAIL
1 1/2" = 1'-0"

11 WDO SILL DETAIL
1 1/2" = 1'-0"

6 WDO JAMB DETAIL
1 1/2" = 1'-0"

1 DR SILL DETAIL
1 1/2" = 1'-0"

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Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: 2930 AIRPORT RD STE A LA CROSSE, WI, 54603

Sheet Title: **DETAILS**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **VGH/RMW/KPS**

Key Plan:

Revisions:

No.	Description	Date

Graphic Scale: 0" 2" 4" 8" 1'

Last Update: **4/14/2023 12:19:17 PM**

A501

WALL TYPE GENERAL NOTES:

A. NON RATED WALLS, INCLUDING BULKHEADS SHALL HAVE FRAMING EXTENDED TO DECK ABOVE. GYP BOARD SHALL EXTEND TO 4" ABOVE CEILING UNLESS NOTED OTHERWISE. COLUMN FURRING MAY STOP 4" ABOVE CEILING.

B. EXTEND STUDS, GYP BOARD AND SOUND BLANKET TO DECK ABOVE AT SOUND CONTROL WALLS (INDICATED BY SOUND ATTENUATION BLANKETS, SOUND SEAL NOTE OR STC RATING). LEVEL OF FINISH ABOVE CEILING AS NOTED IN SECTION 09 21 16

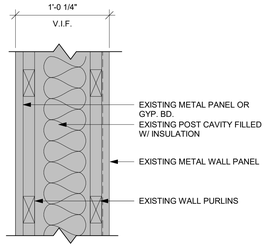
C. AT SOUND CONTROL WALLS (INDICATED BY SOUND ATTENUATION BLANKETS, SOUND SEAL NOTE OR STC RATING) APPLY CONTINUOUS BEAD OF ACOUSTICAL SEALANT AT FLOOR/CEILING TRACK STUDS AND STUD AT WALL. APPLY CONTINUOUS BEAD OF ACOUSTICAL SEALANT AT PERIMETER OF GYP BOARD HOLDING EDGE OF GYP BOARD AWAY FROM ADJACENT STRUCTURE NO MORE THAN 3/8". SEAL ALL MEP/FP PENETRATIONS WITH SOUND BLANKET. BACKING, ACOUSTICAL SEALANT AND FIRE STOPPING. AFTER INSTALLING ONE SIDE OF GYP BOARD, APPLY OVERSIZED 2" SOUND BLANKET OVER BACK SIDE OF ELECTRICAL BOXES AND SIMILAR PENETRATIONS. WHERE WALL BOXES OCCUR AT OPPOSITE SIDES, APPLY INSULATION TO BACKSIDE OF WALL BOXES. AT FIRE RATED WALLS REQUIRING SOUND CONTROL, USE PUTTY PADS FOR REQUIRED WALL RATING. REFER TO TOP OF WALL DETAILS FOR INSTALLATION OF ADDITIONAL MATERIALS AT DECK AND APPLICATION OF RATED TOP OF WALL ASSEMBLIES.

D. INSTALL GYPSUM BOARD CONTROL JOINTS AT TOP OF ALL INTERIOR TOP OF DOOR JAMBS TO TOP OF GYPSUM BOARD WALLS. OTHER CONTROL JOINTS TO BE INSTALLED PER PLAN OR AT 30'-0" O.C. MAX. REVIEW LOCATION REQUIREMENTS WITH A/E PRIOR TO START OF INSTALLATION OF GYPSUM BOARD ASSEMBLIES.

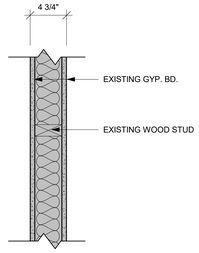
E. WHERE FIRE RATED WALLS ARE INDICATED BY WALL TYPE, USE UL OR EQUIVALENT APPROVED RATING SYSTEM INCLUDING TOP OF WALL AND PENETRATIONS.

WALL ASSEMBLY R-VALUE COMPONENT TABLE:

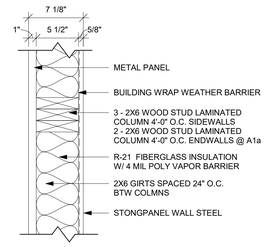
COMPONENT	R-VALUE
FILM (INSIDE)	.68
5/8" GYP BOARD	.52
CONCRETE	.08 PER INCH (above grade); .11 PER INCH (foundation)
1/2 GYP SHEAT	.69
FILM (OUTSIDE)	.17
RIGID FOAM	5 PER INCH
DEAD AIR	.85
MTL PANEL	.62
SEE WALL TYPE	FOR TOTAL WALL R-VALUE



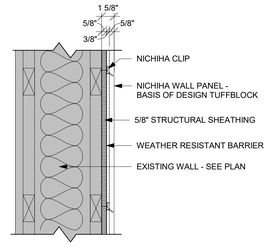
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		R-VALUE	NOTES
		ACTUAL	NOMINAL		
X1	-	1'-1/4"	1"	-	-



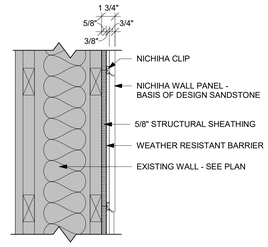
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		R-VALUE	NOTES
		ACTUAL	NOMINAL		
X2	-	4 3/4"	5"	-	-



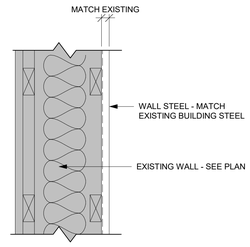
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		R-VALUE	NOTES
		ACTUAL	NOMINAL		
A1	48" O.C.	7 1/8"	7"	10.64	-
A1a	48" O.C.	7 1/8"	7"	10.64	-



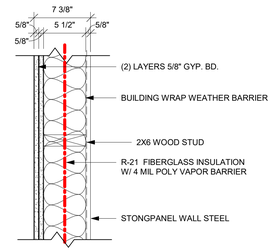
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		R-VALUE	NOTES
		ACTUAL	NOMINAL		
A2	-	1 5/8"	1 1/2"	-	-



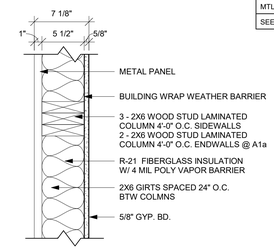
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		R-VALUE	NOTES
		ACTUAL	NOMINAL		
A3	-	1 3/4"	1 1/2"	-	-



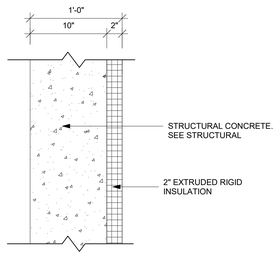
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		R-VALUE	NOTES
		ACTUAL	NOMINAL		
A4	-	MATCH EXISTING	1"	-	-



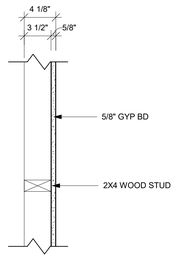
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		R-VALUE	NOTES
		ACTUAL	NOMINAL		
A5	16" O.C.	7 3/8"	7 1/2"	11.11	1HR



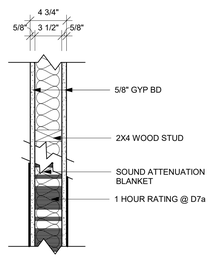
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		R-VALUE	NOTES
		ACTUAL	NOMINAL		
A6	48" O.C.	7 1/8"	7"	10.54	-



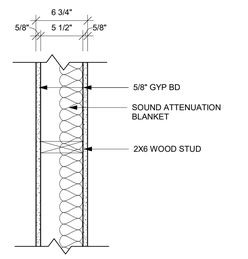
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		R-VALUE	NOTES
		ACTUAL	NOMINAL		
C3	-	1'-0"	1'-0"	11.1	-



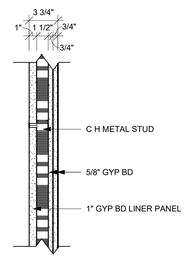
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		FIRE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D4	16" O.C.	4 1/8"	4"	-	-	33



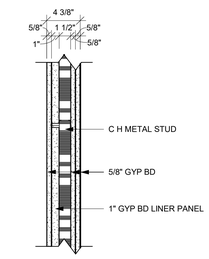
PARTITION TYPE	STUD SPACING	PARTITION WIDTH		FIRE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D7	16" O.C.	4 3/4"	5"	-	-	49
D7a	16" O.C.	4 7/8"	5"	1HR	U419	51



PARTITION TYPE	STUD SPACING	PARTITION WIDTH		FIRE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D11	16" O.C.	6 3/4"	7"	-	-	47



PARTITION TYPE	STUD SPACING	PARTITION WIDTH		FIRE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D12	24" O.C.	3 3/4"	4"	2HR	U497	47



PARTITION TYPE	STUD SPACING	PARTITION WIDTH		FIRE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D13	24" O.C.	4 3/8"	4 1/2"	2HR	U497	47

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Consultant:

Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: **2930 AIRPORT RD STE A LA CROSSE, WI, 54603**

Sheet Title: **WALL TYPES**

HSR Project Number: **23007**

Project Date: **April 14, 2023**

Drawn By: **RMW**

Key Plan:

Revisions:

No.	Description	Date

Graphic Scale: **VARIES**

Last Update: **4/14/2023 12:19:18 PM**

A600

DOOR SCHEDULE

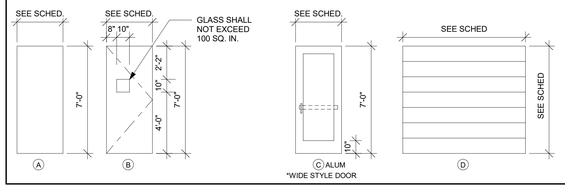
DOOR NO.	DOOR SIZE W	DOOR SIZE H	DOOR SIZE T	DOOR MAT'L	DOOR TYPE	GLASS TYPE	FRAME MAT'L	FRAME ELEV	FRAME DEPTH	FRAME DETAILS HEAD	FRAME DETAILS JAMB	FRAME DETAILS SILL	FIRE LABEL	HDWR GROUP	REMARKS
100.1	3' - 0"	7' - 0"	1 3/4"	ALUM	C	GLT-12	ALUM	CC	4 1/2"	25A501	22A501	21A501		1	
100.2	3' - 0"	7' - 0"	1 3/4"	ALUM	C	GLT-12	ALUM	CC	4 1/2"	25A501	22A501	21A501		1	
110	2' - 8"	7' - 0"	1 3/4"	HM	A	- - -	HM	AA	5 3/4"					2	7
111	3' - 0"	7' - 0"	1 3/4"	HM	B	GLT-25	HM	AA	5 3/4"				90 MIN	3	7
114	3' - 0"	7' - 0"	1 3/8"	SCWD	A	- - -	WD	BB	4 3/4"	- - -	- - -	- - -		4	1,2
121	7' - 0"	6' - 0"	1 1/2"	EXISTING	EXISTING	- - -	EXISTING		8 3/4"	19A501	18A501	17A501			5
123	3' - 0"	7' - 0"	1 3/8"	SCWD	A	- - -	WD	BB	4 3/4"	- - -	- - -	- - -		5	1,2
124	3' - 0"	7' - 0"	1 3/8"	SCWD	A	- - -	WD	BB	4 3/4"	- - -	- - -	- - -		5	1,2
126	7' - 0"	8' - 0"	0"	SECTIONAL	D	- - -	STEEL		8 3/4"	7A500	6A500	5A500			3,4
126.1	3' - 0"	7' - 0"	1 3/4"	IHM	A	- - -	HM	AA	7 3/4"	3A501	2A501	1A501		2	
126.2	3' - 0"	7' - 0"	1 3/4"	IHM	A	- - -	HM	AA	7 3/4"	3A501	2A501	1A501		2	
127	3' - 0"	7' - 0"	1 3/8"	SCWD	A	- - -	WD	BB	7"	- - -	- - -	- - -		6	2
128	6' - 0"	7' - 0"	1 3/4"	EXISTING	EXISTING	EXISTING	EXISTING		4 1/2"	- - -	- - -	- - -	90 MIN		6
129	3' - 0"	7' - 0"	1 3/8"	SCWD	A	- - -	WD	BB	7"	- - -	- - -	- - -		6	2
130	3' - 0"	7' - 0"	1 3/8"	SCWD	A	- - -	WD	BB	4 3/4"	- - -	- - -	- - -		5	1,2
131	3' - 0"	7' - 0"	1 3/8"	SCWD	A	- - -	WD	BB	4 3/4"	- - -	- - -	- - -		5	1,2
132	3' - 0"	7' - 0"	1 3/8"	SCWD	A	- - -	WD	BB	4 3/4"	- - -	- - -	- - -		5	1,2
133	3' - 0"	7' - 0"	1 3/8"	SCWD	A	- - -	WD	BB	4 3/4"	- - -	- - -	- - -		5	1,2

DOOR SCHEDULE GENERAL NOTES

HM = HOLLOW METAL IHM = INSULATED HOLLOW METAL ALUM = ALUMINUM SCWD = SOLID CORE WOOD DOOR

A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS
B. ALL HM (HOLLOW METAL) AND IHM (INSULATED HOLLOW METAL) DOORS AND FRAMES SHALL BE PAINTED
C. ALL DOUBLE DOORS TO HAVE TWO EQUAL LEAFS UNLESS NOTED OTHERWISE

DOOR TYPES



DOOR SCHEDULE REMARKS

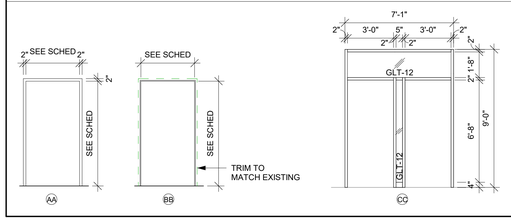
1. USE STANDARD WOOD STUD FRAMING. METHODS AT HEAD AND JAMBS.
2. DOOR TO RECEIVE WOOD TRIM. MATCH EXISTING.
3. SECTIONAL DOOR TO BE MANUALLY OPERATED.
4. DOOR TO HAVE LATCH LOCK WITHIN TRACK.
5. EXISTING SALVAGED HIGH-LIFT OVERHEAD DOOR INTO NEW OPENING.
6. EXISTING FIRE RATED DOOR (PROVIDED BY OWNER). INSTALL DOOR IN NEW OPENING.
7. INSTALL NEW DOOR IN EXISTING OPENING. VERIFY OPENING DIMENSIONS IN FIELD.

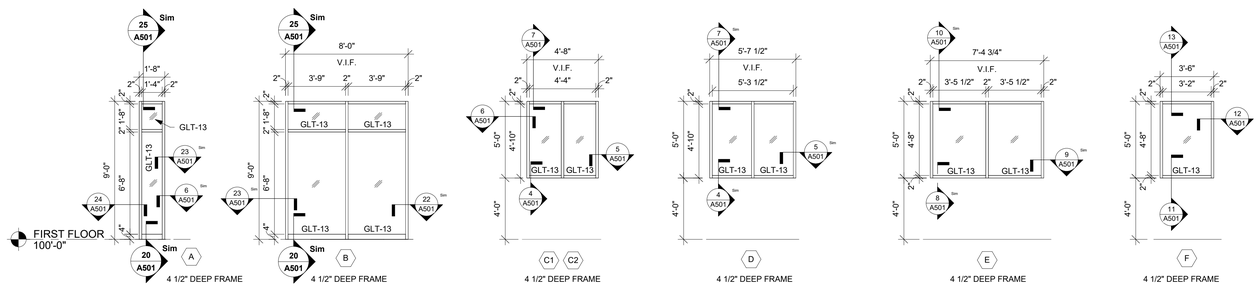
DOOR FRAME GENERAL NOTES

HM = HOLLOW METAL IHM = INSULATED HOLLOW METAL ALUM = ALUMINUM WOOD = SOLID CORE WOOD

A. SEE SHEET A600 FOR ADDITIONAL FRAME TYPES
B. ALL HM (HOLLOW METAL) AND IHM (INSULATED HOLLOW METAL) FRAMES SHALL BE PAINTED.

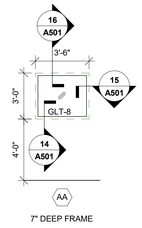
DOOR FRAME TYPES





1 ALUM WDO FRAME

1/4" = 1'-0"



2 WOOD WINDOW FRAME

1/4" = 1'-0"

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Consultant:

Project Title: PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION

Project Location: 2930 AIRPORT RD STE A LA CROSSE, WI, 54603

Sheet Title: DOOR SCHEDULE

HSR Project Number: 23007

Project Date: April 14, 2023

Drawn By: VGH/RMW

Key Plan:

Revisions:

No.	Description	Date

Graphic Scale: VARIES

Last Update: 4/14/2023 12:19:19 PM

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ABBREVIATIONS

ABBRV.	WORD OR PHRASE	ABBRV.	WORD OR PHRASE
&	AND	IF	INSIDE FACE
@	AT	INFO	INFORMATION
Ø	DIAMETER	INT	INTERIOR
AB	ANCHOR BOLT	JST	JOIST
ADDL	ADDITIONAL	KLF	KIPS PER LINEAR FOOT
AHU	AIR HANDLING UNIT	KSF	KIPS PER SQUARE FOOT
ALT	ALTERNATE	KSI	KIPS PER SQUARE INCH
APA	AMERICAN PLYWOOD ASSOCIATION	L	ANGLE
APPROX	APPROXIMATE	2L	DOUBLE ANGLE
ARCH	ARCHITECT(URAL)	LL	LIVE LOAD
ASD	ALLOWABLE STRESS DESIGN	LLH	LONG LEG HORIZONTAL
B/	BOTTOM OF	LLV	LONG LEG VERTICAL
BC	BOTTOM CORD	LRFD	LOAD RESISTANCE FACTOR DESIGN
BLDG	BUILDING	LSL	LAMINATED STRAND LUMBER
BLKG	BLOCKING	LVL	LAMINATED VENEER LUMBER
BM	BEAM	LW	LONG WAY
BOT	BOTTOM	MAX	MAXIMUM
BP	BASE PLATE	MECH	MECHANICAL
BRG	BEARING	MEP	MECHANICAL, ELECTRICAL, PLUMBING
BTWN	BETWEEN	MFR	MANUFACTURER
C	CHANNEL	MIN	MINIMUM
CFS	COLD-FORMED STEEL	MISC	MISCELLANEOUS
CIP	CAST IN PLACE	MJ	MASONRY JOINT
CJ	CONTROL OR CONSTRUCTION JOINT	MS	MIDDLE STRIP
CL	CENTERLINE	MSR	MACHINE STRESS RATED
CLR	CLEAR	NS	NEAR SIDE
CMU	CONCRETE MASONRY UNIT	NTS	NOT TO SCALE
COL	COLUMN	OC	ON CENTER
CONC	CONCRETE OR CONCENTRATED	OD	OUTSIDE DIAMETER
CONN	CONNECTION	OF	OUTSIDE FACE
CONT	CONTINUOUS	OPP	OPPOSITE
CORR	CORRIDOR	OSB	ORIENTED STRAND BOARD
CS	COLUMN STRIP	PARA	PARALLEL
CTR	CENTER	PC	PILE CAP
DBL	DOUBLE	PCF	POUNDS PER CUBIC FOOT
DEFL	DEFLECTION	PERP	PERPENDICULAR
DEMO	DEMOLITION	PL	PLATE
DFL	DOUGLAS FIR LARCH	PLF	POUNDS PER LINEAR FOOT
DIA	DIAMETER	PLU/PLBG	PLUMBING
DIM	DIMENSION	PLY	PLIES
DL	DEAD LOAD	PLYD	PLYWOOD
DP	DRILLED PIER	PSF	POUNDS PER SQUARE FOOT
DS	DRAG STRUT	PSI	POUNDS PER SQUARE INCH
DTL	DETAIL	PSL	PARALLEL STRAND LUMBER
DWG	DRAWING	PT	POST TENSIONED
DWL	DOWEL	PTW	PRESERVATIVE TREATED WOOD
EA	EACH	R	RADIUS
EF	EACH FACE	RD	ROOF DRAIN
EJ	EXPANSION JOINT	REF	REFERENCE
ELEV	ELEVATION	REINF	REINFORCEMENT
ELEC	ELECTRICAL	REQD	REQUIRED
EMBED	EMBEDMENT	REV	REVISION
EOD	EDGE OF DECK	RO	ROUGH OPENING
EOS	EDGE OF SLAB	RTU	ROOF TOP UNIT
EP	EMBED PLATE	SC	SLIP CRITICAL
EQ	EQUAL	SCHED	SCHEDULE
EQUIP	EQUIPMENT	SHT	SHEET
EW	EACH WAY	SIM	SIMILAR
EXIST	EXISTING	SMS	SELF-DRILLING METAL SCREWS
EXP	EXPANSION	SOG	SLAB ON GRADE
EXT	EXTERIOR	SP	SOUTHERN PINE
FD	FLOOR DRAIN	SPEC	SPECIFICATION
FF	FINISH FLOOR ELEVATION	SPF	SPRUCE-PINE-FIR
FIN	FINISH	SQ	SQUARE
FLR	FLOOR	SS	STAINLESS STEEL
FND	FOUNDATION	STD	STANDARD
FRMG	FRAMING	STIF	STIFFENER
FRT	FIRE RETARDANT TREATED	STL	STEEL
FS	FAR SIDE	STR	STRUCTURAL
FTG	FOOTING	SW	SHEAR WALL
GA	GAUGE	SYM	SYMMETRICAL
GALV	GALVANIZED	T&B	TOP AND BOTTOM
GB	GRADE BEAM	T&G	TONGUE AND GROOVE
GC	GENERAL CONTRACTOR	T/	TOP OF
GT	GIRDER TRUSS	TC	TOP CHORD
GYP	GYPSUM	TEMP	TEMPORARY
HDG	HOT DIPPED GALVANIZED	TRANS	TRANSVERSE
HDR	HEADER	TYP	TYPICAL
HF	HEM FIR	UNO	UNLESS NOTED OTHERWISE
HIF	HORIZONTAL INSIDE FACE	VERT	VERTICAL
HOF	HORIZONTAL OUTSIDE FACE	VIF	VERIFY IN FIELD
HORIZ	HORIZONTAL	W/	WITH
HSS	HOLLOW STRUCTURAL SECTION	W/O	WITHOUT
HT	HEIGHT	WF	WIDE FLANGE
HVAC	HEATING, VENTING & AIR COND.	WP	WORKPOINT
HWS	HEADED WELD STUD	WSP	WOOD STRUCTURAL PANEL
ID	INSIDE DIAMETER	WT	WEIGHT
		WWR	WELDED WIRE REINFORCEMENT

FOUNDATION NOTES

1. PRESUMPTIVE SOIL BEARING CAPACITY = 1500 PSF
2. DESIGN FROST DEPTH FOR HEATED STRUCTURES = 4 FT BELOW GRADE
   DESIGN FROST DEPTH FOR UNHEATED STRUCTURES = 5 FT BELOW GRADE
3. REFER TO THE GEOTECHNICAL REPORT FOR INFORMATION REGARDING EXCAVATION, SIDE SLOPES, SUB-GRADE PREPARATION, AND FILL RECOMMENDATIONS. PROJECT GEOTECHNICAL REPORT SUPERCEDES INFORMATION PROVIDED ON THE PLANS.
4. REMOVE TOPSOIL FROM BENEATH ALL PROPOSED CONSTRUCTION AREAS.
5. SEE CIVIL DRAWINGS FOR BENCHMARK = ELEVATION 100'-0".
6. ALL MATERIAL USED IN GRADING OPERATIONS SHALL CONSIST OF COMPACTED FILL WHICH IS FREE OF DEBRIS, BOULDERS OR ORGANIC MATERIAL. ALL FILL BELOW BUILDING FOOTPRINT SHALL BE PLACED IN MAXIMUM OF 8" LIFTS AND COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR MAXIMUM DRY DENSITY. COMPACTION TESTING IS REQUIRED.
7. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR COMPACTED FILL HAVING A MINIMUM ALLOWABLE BEARING CAPACITY AS INDICATED ABOVE. THE DESIGN BEARING VALUES SHOULD BE VERIFIED BY A QUALIFIED TESTING AGENCY PRIOR TO PLACING CONCRETE.
8. THE STRUCTURAL ENGINEER SHALL BE NOTIFIED IF ACTUAL FIELD CONDITIONS DO NOT MEET BEARING REQUIREMENTS OR, IF QUESTIONABLE SOIL CONDITIONS ARE DISCOVERED INCLUDING BUT NOT LIMITED TO PEAT AND OTHER HIGH ORGANIC SOILS.
9. ALL BEARING SOIL OR FILL MUST BE PROTECTED FROM FREEZING. THE CONTRACTOR SHALL PROVIDE PROTECTION TO PREVENT FROST PENETRATION BELOW THE CONCRETE BEARING ELEVATIONS. ANY FROZEN SOIL BELOW THE FOUNDATION BEARING LEVEL MUST BE REMOVED PRIOR TO PLACING CONCRETE.
10. BACKFILL EVENLY ON EACH SIDE OF FOUNDATION WALLS AND RETAINING WALLS. BACKFILL EVENLY AROUND PERIMETER BASEMENT WALLS AFTER SLAB ON GRADE AND FIRST ELEVATED FLOOR ARE IN PLACE.
11. NO HOLES, TRENCHES, OR DISTURBANCES OF THE SOIL SHALL BE ALLOWED WITHIN THE VOLUME DESCRIBED BY 45 DEGREE LINES SLOPING FROM THE BOTTOM EDGE OF THE FOOTING. IF SUCH ARE REQUIRED, FOOTINGS MUST BE LOWERED, UNLESS OTHERWISE NOTED.

CONCRETE NOTES

1. MATERIAL SPECIFICATIONS

FOOTINGS	4,000 PSI @ 28 DAYS
FOUNDATIONS	4,000 PSI @ 28 DAYS
PIERS & COLUMNS	4,000 PSI @ 28 DAYS
INTERIOR SLAB ON GRADE	4,000 PSI @ 28 DAYS
EXTERIOR SLABS	4,500 PSI @ 28 DAYS
ALL OTHER CIP CONCRETE NOT NOTED	4,000 PSI @ 28 DAYS
CONCRETE REINFORCING STEEL	60 KSI, ASTM A615
WELDED WIRE REINFORCEMENT	65 KSI, ASTM A185

2. ANCHORS INTO CONCRETE

ANCHOR RODS	ASTM F1554 (SEE SCHEDULE FOR GRADE)
ADHESIVE ANCHORS	HILTI HAS-E THREADED ROD WITH HIT-HY 200 V3 INJECTION ADHESIVE OR EQUAL
EXPANSION ANCHORS	HILTI KWIK BOLT III OR EQUAL
POWDER DRIVEN FASTENERS	HILTI DS OR EQUAL

3. REINFORCING CLEAR COVER (MIN)

   CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
   CONCRETE EXPOSED TO EARTH OR WEATHER
   - #6 THROUGH #18 BARS: 2"
   - #5 BARS AND SMALLER: 1 1/2"

   CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
   - SLABS, WALLS, & JOISTS
     - #14 & #18 BARS: 1 1/2"
     - #11 BARS AND SMALLER: 3/4"

   BEAMS & COLUMNS
   - PRIMARY REINFORCEMENT, TIES, & SPIRALS: 1 1/2"

4. UNLESS LONGER LENGTH IS REQD BY ACI CODE OR NOTED OTHERWISE ON THE DRAWINGS, ALL REINFORCING SHALL BE LAPPED PER SCHEDULE:

CLASS "B" TENSIONS LAP SPLICE LENGTHS

BAR SIZE	4,000 PSI CONCRETE STANDARD	4,000 PSI CONCRETE TOP BAR	4,000 PSI CONCRETE STD HOOK DEV LENGTH	5,000 PSI CONCRETE STANDARD	5,000 PSI CONCRETE TOP BAR	5,000 PSI CONCRETE STD HOOK DEV LENGTH
#3	19"	24"	8"	17"	22"	7"
#4	25"	33"	10"	23"	29"	9"
#5	31"	41"	12"	28"	36"	11"
#6	37"	49"	15"	34"	43"	13"
#7	54"	71"	17"	49"	63"	15"
#8	62"	81"	19"	56"	72"	17"
#9	70"	91"	22"	62"	81"	20"
#10	79"	102"	25"	69"	90"	22"
#11	87"	113"	27"	76"	99"	24"

   A. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE BELOW.
   B. SPLICE LENGTHS ARE BASED ON THE DIAMETER OF THE LARGER BAR BEING SPLICED.
   C. MINIMUM HOOKED BAR EXTENSION = MIN BEND DIAMETER + 12db.
   D. DIVIDE SPLICE LENGTHS BY 1.3 TO GET DEVELOPMENT LENGTHS.
   E. UNLESS LONGER LENGTH IS REQD BY ACI CODE

5. ALL CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM WITH THE LOCAL BUILDING CODE REQUIREMENTS AND THOSE OF THE LATEST EDITION OF THE ACI MANUAL OF CONCRETE PRACTICE.
6. ALL CONCRETE, UNLESS SPECIFICALLY NOTED, SHALL BE NORMAL WEIGHT (145 PCF).
7. CALCIUM CHLORIDE AND OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED.
8. ALL CONCRETE SUBJECT TO EXTERIOR EXPOSURE SHALL BE AIR ENTRAINED TO 6% (+/- 1.5%) AND HAVE A MAXIMUM 1" AGGREGATE.
9. EXTERIOR BASEMENT AND EXPOSED RETAINING WALLS SHALL HAVE VERTICAL CONTROL JOINTS SPACED NOT MORE THAN 30'-0" ON CENTER. EACH JOINT SHALL BE ¾" DEEP AND V-CHAMFERED ON BOTH SIDES.
10. PIPE SLEEVES OVER 1 1/2" IN DIAMETER WHICH PASS THROUGH CONCRETE WALLS OR SLABS SHALL BE SCHEDULE 40 GALVANIZED STEEL PIPE. ALL OTHER SLEEVES SHALL BE 18 GAUGE GALVANIZED SHEET METAL. SLEEVES SHALL BE ONE SIZE LARGER THAN OUTSIDE DIAMETER OF PIPE PASSING THROUGH SLEEVE. VERIFY SIZE AND NUMBER WITH MECHANICAL, ELECTRICAL, AND PLUMBING CONTRACTORS. SEE TYPICAL FOUNDATION DETAILS.
11. NO ALUMINUM CONDUITS, SLEEVES, EMBEDS, ETC. SHALL BE PLACED IN CONCRETE.
12. HORIZONTAL WALL REINFORCEMENT SHALL BE MADE CONTINUOUS AT ALL CORNERS OR CORNER BARS PROVIDED. SEE TYPICAL FOUNDATION DETAILS.
13. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND DIMENSIONS OF CONCRETE REVEALS, NOTCHES, REGLETS, DRIPS, PADS, CURBS, CHAMFER BLOCKOUTS AT DOORWAYS, AND ALL OTHER PROJECT REQUIREMENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
14. SUBMIT CONCRETE DESIGN MIXES TO STRUCTURAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION. SUBMIT HISTORICAL STRENGTH TESTING DATA FOR EACH MIX.
15. SUBMIT STEEL REINFORCEMENT SHOP DRAWINGS TO STRUCTURAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.

SLAB ON GRADE NOTES

1. ALL SLAB ON GRADE AREAS SHALL BE PROOF ROLLED. ALL SOFT SPOTS SHALL BE REMOVED AND REPLACED WITH COMPACTED GRANULAR FILL.
2. SLAB ON GRADE TO BE CONSTRUCTED ON A MINIMUM OF 6" COMPACTED GRANULAR FILL.
3. SLAB ON GRADE SHALL INCLUDE STRUX 90/40 FIBER REINFORCEMENT BY GRACE CONCRETE PRODUCTS (OR APPROVED EQUAL). DOSAGE RATE SHALL BE 3.5 LBS/ CU YD. FIBER MANUFACTURER TO VERIFY DOSAGE RATE PRIOR TO CONSTRUCTION.
4. A VAPOR RETARDER SHALL BE PLACED BETWEEN THE BASE AND THE CONCRETE FLOOR, SEE SPECIFICATIONS. DO NOT PLACE VAPOR RETARDER BENEATH POOL DECK SLABS.
5. LIMITS OF DROPPED AND DEPRESSED FLOOR AREAS TO BE LOCATED FROM ARCHITECTURAL PLANS.
6. PROVIDE SAWCUT CONTROL JOINTS IN EACH DIRECTION FOR SLAB ON GRADE. CONTRACTOR SHALL INSTALL CONTROL JOINTS AS SOON AS CONCRETE WILL SUPPORT THE WEIGHT OF THE SAW AND OPERATOR WITHOUT DISTURBING THE FINISH.
7. MAXIMUM SLAB ON GRADE CONTROL JOINT SPACING = 12'-6" +/- 2'-0".

WOOD SHEATHING NOTES

1. FASTENERS SHALL NOT BE LOCATED LESS THAN 3/8" IN FROM THE EDGE OF THE PANEL.
2. FASTENERS SHALL BE DRIVEN FLUSH WITH SURFACE OF SHEATHING.
3. FASTENERS SHALL BE OF SUFFICIENT LENGTH TO ENSURE PENETRATION INTO FRAMING MEMBERS BY AT LEAST 1 1/2".
4. FRAMING MEMBERS SHALL BE A MINIMUM 2" NOMINAL IN THE DIMENSION TO WHICH THE STRUCTURAL PANEL IS ATTACHED.
5. PANEL EDGES SHALL BUTT ALONG THE CENTERLINE OF FRAMING MEMBERS.
6. EACH PANEL SHALL BE IDENTIFIED WITH THE GRADE TRADEMARK OF THE APA.

FLOOR & ROOF SHEATHING

1. ROOF SHEATHING SHALL BE APA EXPOSURE I, RATED SHEATHING WITH 48/24 SPAN RATING. (UNO)
2. FLOOR/ROOF PANEL SHEATHING SHALL BE CONTINUOUS OVER 2 OR MORE SUPPORTS (MINIMUM).
3. FLOOR/ROOF PANEL SHEATHING SHALL BE ORIENTED WITH THE STRENGTH AXIS PERPENDICULAR TO THE SUPPORTS.
4. ROOF SHEATHING SHALL USE PANEL EDGE CLIPS (ONE MIDWAY BETWEEN EACH SUPPORT) OR LUMBER BLOCKING AT ALL UNSUPPORTED EDGES.
5. REFER TO PLAN FOR AREAS WHERE DIAPHRAGM BLOCKING IS REQUIRED.

WOOD TRUSS NOTES

1. THE DESIGN, MANUFACTURING AND INSTALLATION OF ALL TRUSSES SHALL COMPLY WITH THE LATEST REQUIREMENTS OF NDS AND TPI CODES.
2. TRUSSES SHALL BE DESIGNED BY THE TRUSS MANUFACTURER TO RESIST ALL APPLICABLE LOADS SHOWN ON DRAWINGS.
3. TRUSS MANUFACTURER SHALL REFER TO ARCHITECTURAL AND MEP DRAWINGS FOR OTHER ITEMS OR APPENDAGES THAT MAY EFFECT THE TRUSS LOADING. ANY SUCH ITEMS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND STRUCTURAL ENGINEER.
4. TRUSS SUPPLIER TO PROVIDE SHOP DRAWINGS IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.
5. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS PROVIDED BY THE TRUSS MANUFACTURER FOR REVIEW PRIOR TO CONSTRUCTION. WOOD TRUSS SHOP DRAWINGS AND CALCULATIONS SHALL BE STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED.
6. PERMANENT BRACING NOT SHOWN ON PLANS, WHICH IS REQUIRED FOR STRENGTH AND STABILITY OF TRUSS MEMBERS, SHALL BE DESIGNED AND PROVIDED BY TRUSS SUPPLIER.
7. TEMPORARY BRACING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. PROVIDE IN ACCORDANCE WITH TPI GUIDELINES.
8. ROOF TRUSS DESIGN SHALL TAKE INTO ACCOUNT UNBALANCED SNOW LOADS, SNOW DRIFT LOADS, SLIDING SNOW, OR ANY OTHER LOAD ROOF LOADING CONDITION REQUIRED BY ASCE 7.

WOOD FRAMING NOTES

1. WOOD MATERIAL SPECIFICATIONS ARE MINIMUM DESIGN VALUES GIVEN IN POUNDS PER SQUARE INCH (PSI), SEE TABLE BELOW.
2. SILLS AND MEMBERS EXPOSED DIRECTLY TO MOISTURE OR IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE TREATED PER AWPA U1 AND AWPA M4. SOLE PLATES PER USE CATEGORY 2.
3. PLYWOOD SHALL CONFORM TO THE LATEST EDITION OF U.S. PRODUCT STANDARD PS-1. INSTALL IN STAGGERED PATTERN.
4. ALL BOLTS INTO WOOD MEMBERS SHALL CONFORM TO ASTM A307 GRADE A UNO.
5. BOLT HOLES IN WOOD SHALL BE DRILLED 1/16" MAXIMUM OVERSIZE. HOLES FOR SCREWS AND LAG SCREWS SHALL BE FIRST BORED FOR THE SAME DEPTH AND DIAMETER OF THE SHANK, THEN THE REMAINDER OCCUPIED BY THE THREADED PORTION SHALL BE BORED NOT LARGER IN DIAMETER THAN THE ROOT OF THE THREAD. ALL SCREWS SHALL BE SCREWED, NOT DRIVEN INTO PLACE.
6. PROVIDE STANDARD CUT WASHERS UNDER HEADS AND NUTS OF ALL BOLTS (INCLUDING ANCHOR BOLTS) AND HEADS OF LAG SCREWS. SEE TYPICAL SHEAR WALL ANCHORAGE FOR ADDITIONAL PLATE WASHER REQUIREMENTS AT SHEAR WALL LOCATIONS.
7. PROVIDE SOLID BLOCKING FOR ALL SAWN JOISTS AT 8'-0" OC MAX.
8. MEMBERS BEARING ON CONCRETE OR MASONRY WALLS SHALL HAVE A 1/2" AIR SPACE AROUND SIDES AND END OF MEMBER.
9. ALL COLUMNS SHOWN ON STRUCTURAL DRAWINGS SHALL HAVE CONTINUOUS LOAD PATH TO FOUNDATION UNO.
10. SET ALL FRAMING MEMBERS WITH CROWN UP.
11. ALL FASTENERS (BOLTS, LAG SCREWS, SCREWS AND NAILS) EXPOSED TO WEATHER OR IN CONTACT WITH PRESERVATIVE TREATED OR FIRE RETARDANT TREATED LUMBER SHALL BE HOT DIP GALVANIZED OR DOCUMENTATION MUST BE PROVIDED SHOWING THE PROPRIETARY COATING IS COMPATIBLE WITH THE TREATED LUMBER.
12. ALL WOOD CONNECTORS SHALL BE BY SIMPSON STRONG-TIE OR APPROVED EQUAL. ALL CONNECTORS USED TO FASTEN FRAMING MEMBERS NOT SPECIFICALLY DESIGNED BY THE STRUCTURAL ENGINEER OF RECORD SHALL BE SIZED BY THE SUPPLIER.
13. ALL SIMPSON CONNECTORS SHALL HAVE A ZMAX (G185) OR HOT-DIP GALVANIZED (HDG) COATING.
14. ALL WOOD STUD WALLS SHALL BE FASTENED TO FOUNDATION PER DETAIL 8/ S301
    SPACING OF ANCHORS MAY VARY AT SHEAR WALLS. SEE SHEAR WALL SCHEDULE.

WOOD MATERIAL SPECIFICATIONS (UNO)

SPECIES TYPE	USAGE	F_b	F_t	F_v	$F_{c\perp}$	$F_{c\parallel}$	E	E_{min}
HEM FIR (HF) NO.1	2x8 & LARGER WHERE NOTED	975	625	150	405	1,350	1,500,000	550,000
HEM FIR (HF) NO.2	2x8 & LARGER UNO	850	525	150	405	1,300	1,300,000	470,000
LAMINATED STRAND LUMBER (LSL)	RIM BOARDS	1,675	1,075	425	710	1,835	1,300,000	660,750
LAMINATED VENEER LUMBER (LVL)	WHERE NOTED	2,600	1,555	285	750	2,510	2,000,000	1,016,535
MSR 1650f-1.5E	WHERE NOTED	1,650	1,020	135	425	1,700	1,500,000	760,000
MSR 1800f-1.6E	WHERE NOTED	1,800	1,175	135	425	1,750	1,600,000	810,000
MSR 2400f-2.0E	WHERE NOTED	2,400	1,925	135	425	1,975	2,000,000	1,020,000
SPRUCE-PINE-FIR (SPF) NO.2	2x6 & SMALLER UNO	875	450	135	425	1150	1,400,000	510,000
TREATED SP NO.2 DENSE	SILL PLATES ON CONC.	1,450	775	175	660	1.750	1,700,000	510,000

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON ON EXISTING STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
2. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION.
4. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO THE START OF CONSTRUCTION. RESOLVE ANY DISCREPANCY WITH ARCHITECT. DO NOT SCALE DRAWINGS.
5. STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, CIVIL, AND OTHER DESIGN CONSULTANT'S DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THE SHOP DRAWINGS. ANY APPARENT DISCREPANCIES, LIMITATIONS OR CONCERNS RESULTING FROM THIS COORDINATION SHOULD BE RESOLVED WITH THE ARCHITECT IMMEDIATELY.
6. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTING. NOTIFY THE ARCHITECT OF ANY DISCREPANCY IMMEDIATELY.
7. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL BUILDING MATERIALS AND COMPONENTS. COMPONENT LOCATIONS ARE SHOWN FOR DESIGN INTENT, NOT EXACT LOCATION, SPECIFICALLY. INDEPENDENTLY PREPARED SHOP DRAWINGS ARE REQUIRED OF ALL TRADES FOR COORDINATION AND BEST PRACTICE. ERRORS OR OMISSIONS IN INSTALLATION DUE TO THE CONTRACTOR'S FAILURE TO COORDINATE THE WORK WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

STEEL NOTES

1. MATERIAL SPECIFICATIONS

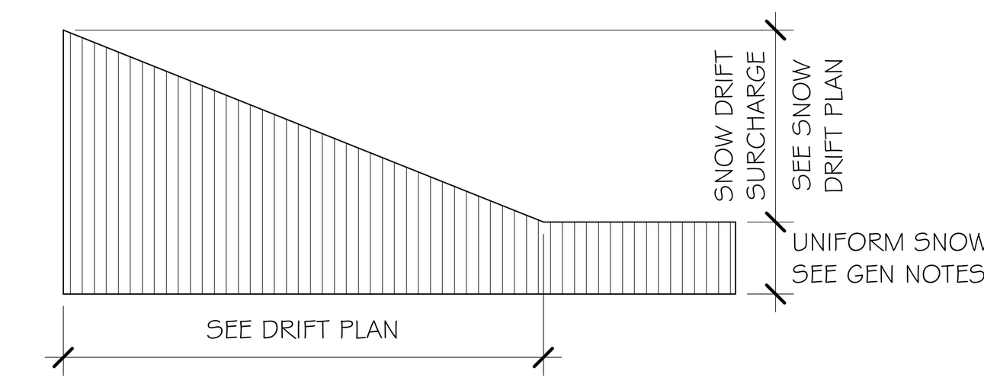
WIDE FLANGE SECTIONS	50 KSI, ASTM A992
ANGLES, PLATES, AND CHANNELS	36 KSI, ASTM A36
SQUARE AND RECTANGULAR HSS	46 KSI, ASTM A500 GRADE B
PIPE	35 KSI, ASTM A53 GRADE B
HIGH STRENGTH BOLTS	ASTM A325-N
HEAVY HEX NUTS	ASTM A563
WELDING ELECTRODES	E70XX

2. ALL CONNECTION BOLTING IS TO BE WITH A-325N BOLTS UNLESS NOTED OTHERWISE. BOLTS NEED ONLY BE TIGHTENED TO THE SNUG-TIGHT CONDITION. SNUG-TIGHT IS DEFINED AS THE TIGHTNESS OBTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A PERSON USING AN ORDINARY SPUD WRENCH.
3. ALL WELDING SHALL COMPLY WITH THE AWS STRUCTURAL WELDING CODES. ALL WELDING TO BE PERFORMED BY AWS PRE-QUALIFIED WELDERS CERTIFIED FOR THE GIVEN APPLICATION.
4. SEE SPECIFICATIONS FOR REQUIRED FINISHED TO BE APPLIED TO STEEL FRAMING.
5. SUBMIT SHOP DRAWINGS DETAILING FABRICATION OF STRUCTURAL STEEL COMPONENTS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING OF STRUCTURE DURING CONSTRUCTION.
7. THE CONNECTION DETAILS SHOWN ON THE DRAWINGS ARE CONCEPTUAL AND DO NOT INDICATE THE REQUIRED COMPONENT SIZES, WELDS, OR DIMENSIONS UNLESS SPECIFICALLY NOTED. FINAL DESIGN & DETAILING OF THE CONNECTIONS IS THE RESPONSIBILITY OF THE FABRICATOR. PERFORM DESIGN USING INDUSTRY STANDARDS AND CRITERIA DEFINED IN THE CONTRACT DOCUMENTS. SUBMIT DESIGN CALCULATIONS PREPARED AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED.

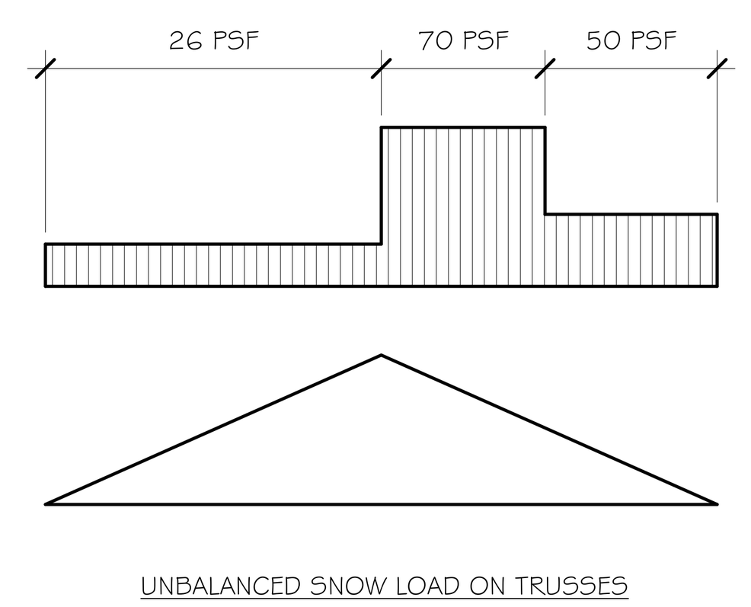
GALVANIZED STEEL NOTES

1. ALL GALVANIZED MEMBERS SHALL BE GALVANIZED BY THE "DRY GALVANIZING PROCESS" AS DEFINED BY AGA (FLUX AND GALVANIZING APPLIED IN SEPARATE STEPS). PROVIDE ALTERNATE COST TO GALVANIZE PER THE "WET" METHOD (FLUX AND GALVANIZING IN ONE STEP). GALVANIZED MEMBERS SHALL NOT BE QUENCH COOLED.
2. ALL WELDING OF GALVANIZED MATERIAL SHALL BE PERFORMED IN SUCH A MANNER AS TO SATISFY ALL OSHA AND AWS REQUIREMENTS. ALL FIELD WELDED LOCATIONS SHALL BE PREPARED AND PRIMED WITH A ZINC RICH PRIMER PRIOR TO PAINTING PER THE MANUFACTURES RECOMMENDATIONS. THE SPECIFIC PRIMER TO BE USED SHALL BE TNEMEC SERIES 90-97 TNEME-ZINC @ 3.0-4.0 MILS DRY FILM THICKNESS OR APPROVED EQUAL.

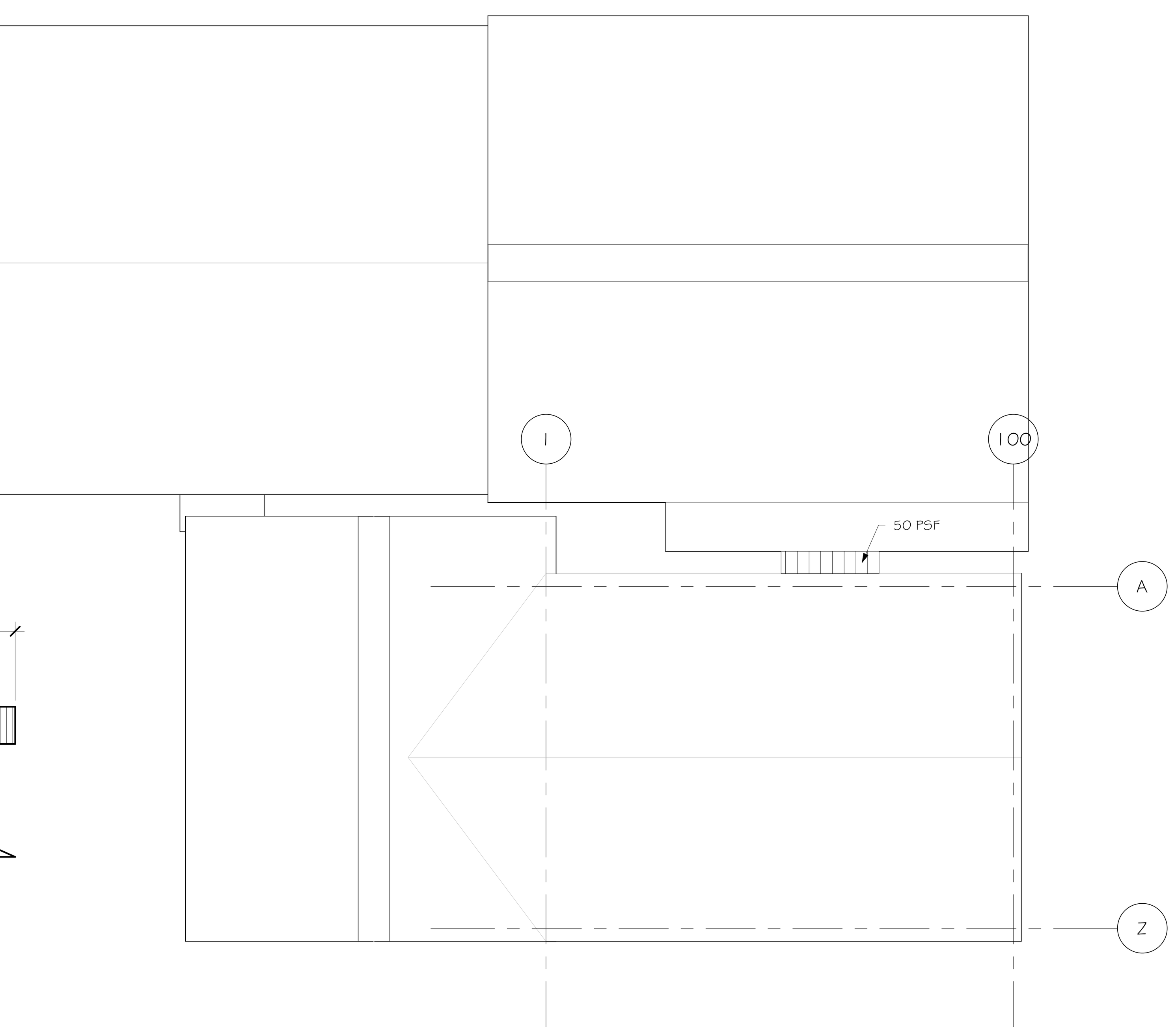
SNOW DRIFT SURCHARGE LOADING DIAGRAM



NOTE: SNOW DRIFT SURCHARGE IS ADDITIVE TO UNIFORM SNOW LOADS



UNBALANCED SNOW LOAD ON TRUSSES



1 ROOF SNOW DRIFT PLAN
SCALE: 1" = 20'-0"

SHEET LIST

SHEET NUMBER	SHEET NAME	CURRENT REVISION DATE	CURRENT REVISION DESCRIPTION
S001	STRUCTURAL NOTES		
S101	FOUNDATION PLAN		
S102	FRAMING PLAN		
S301	FOUNDATION DETAILS & SCHEDULES		
S501	STEEL DETAILS & SCHEDULES		
S602	WOOD FRAMING DETAILS & SCHEDULES		

DESIGN LOADS

1. DESIGN CODE DATA

   2015 INTERNATIONAL BUILDING CODE
   2018 WISCONSIN STATE BUILDING CODE
   ASCE 7-10: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
   AISC 360-10: SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
   ACI 318-14: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
   ACI 530-13: BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES
   ANSI/AWC NDS-2015: NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
   AWC SDPWS-2015: SPECIAL DESIGN PROVISION FOR WIND AND SEISMIC

2. RISK CATEGORY= II (PER ASCE 7-10 TABLE 1.5-1)
3. DEAD LOADS:

   ROOF 25 PSF

4. FLOOR LIVE LOADS:

PUBLIC ROOMS	100 PSF
CORRIDORS & STAIRS	100 PSF
MECH & ELECT ROOMS	125 PSF
STORAGE ROOMS	125 PSF

   A. ALL LIVE LOADS ARE NON-REDUCIBLE UNLESS NOTED OTHERWISE.

5. ROOF LIVE LOAD:

LESS THAN 200 SF	20 PSF
200 SF TO 600 SF	LINEAR INTERPOLATE
GREATER THAN 600 SF	12 PSF

6. SNOW LOADS:

   MAIN ROOF
   - P_g = 40 PSF
   - P_f = 30 PSF
   - C_e = 0.9
   - C_t = 1.0
   - I = 1.0

   SEE SNOW DRIFT PLAN FOR ADDITIONAL SNOW DRIFT SURCHARGE LOADING

7. WIND DESIGN CRITERIA

   WIND SPEED = 115 MPH
   EXPOSURE = C
   ENCLOSURE CLASSIFICATION = ENCLOSED
   K_d= 0.85
   I = 1.0
   K_{zt}= 1.0
   BASE VELOCITY PRESSURE, Q_h=26 PSF

   COMPONENT & CLADDING WIND PRESSURES [PSF] PER ASCE 7-10 FIGURE 30.4 [ULTIMATE LOADING]

	COMPONENT TRIBUTARY AREA			
ROOF	10SF	20SF	50SF	100SF
ZONE 1 NEG	-29.4	-28.6	-27.5	-26.7
ZONE 2 NEG	-51.1	-47.1	-41.6	-37.5
ZONE 3 NEG	-75.6	-70.7	-64.2	-59.3
ALL ZONE POS.	18.5	16.9	16.0	16.0
ZONE 2 OVERHANG	-59.8	-59.8	-59.8	-59.8
ZONE 3 OVERHANG	-100.6	-90.9	-77.8	-68.0
WALLS	10SF	100SF	200SF	500SF
ZONE 4 NEG	-34.8	-30.0	-28.6	-26.7
ZONE 5 NEG	-43.0	-33.4	-30.5	-26.7
ALL ZONE POS.	32.1	27.3	25.8	23.9

   POSITIVE AND NEGATIVE SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY. END ZONES EXTEND FROM CORNERS OF BUILDING A DISTANCE EQUAL TO 10% LEAST HORIZONTAL BUILDING DIMENSION BUT NOT LESS THAN 3'-0"

8. SEISMIC DESIGN CRITERIA

   S_s= 0.052g
   S_1= 0.035g
   SEISMIC SITE CLASSIFICATION = D
   S_{DS} = 0.056g
   S_{D1} = 0.057g
   SEISMIC DESIGN CATEGORY = A
   SEISMIC BASE SHEAR (N-S)= < 1.0 KIPS
   SEISMIC BASE SHEAR (E-W)= < 1.0 KIPS
   ANALYSIS PROCEDURE= EQUIVALENT LATERAL FORCE

9. MAXIMUM ALLOWABLE DEFLECTION CRITERIA:

ROOF FRAMING*:	L/360 LIVE LOAD; L/240 TOTAL LOAD
WOOD FLOOR FRAMING:	L/480 LIVE LOAD; L/360 TOTAL LOAD
ALL OTHER FLOOR FRAMING:	L/360 LIVE LOAD; L/240 TOTAL LOAD
EXTERIOR WALLS*:	L/240 WIND LOAD

   * APPLY 0.42 FACTOR TO C&C WIND LOAD TABLE FOR DEFLECTION CRITERIA OF ROOF FRAMING AND EXTERIOR WALLS

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Project Location: 2930 AIRPORT RD STE A LA CROSSE WI, 54603

Sheet Title: STRUCTURAL NOTES

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Project Date: April 14, 2023

Drawn By: KLC

Key Plan:

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No.	Description	Date

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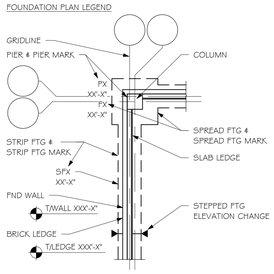
S001

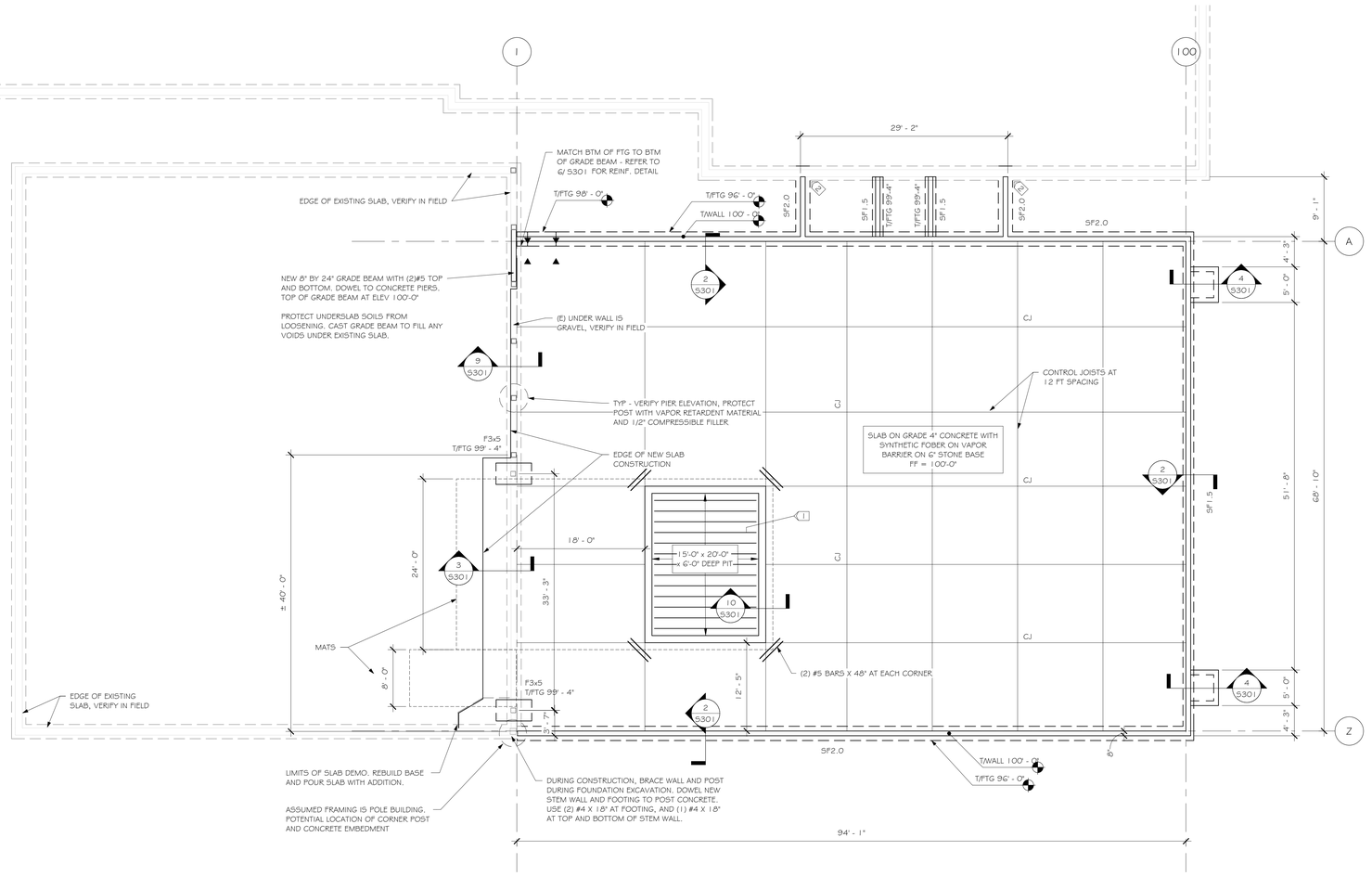
FOUNDATION PLAN NOTES

1. VERIFY ALL DIMENSIONS W/ ARCH DRAWINGS
2. SLAB ON GRADE SHALL BE 4" NORMAL WEIGHT CONCRETE W/ SYNTHETIC FIBERS, SEE S001
3. TOP OF SLAB ELEVATION 100'-0" UNO
4. TOP OF FOUNDATION WALL ELEVATION 100'-0" UNO
5. TOP OF FOOTING ELEVATION XX'-X" UNO
6. SEE S001 & S002 FOR GENERAL STRUCTURAL NOTES & ABBREVIATIONS
7. SEE S301 FOR TYPICAL FOUNDATION DETAILS & SCHEDULES
8. SEE S401 FOR TYPICAL MASONRY DETAILS
9. SEE S402 FOR MASONRY REINFORCEMENT
10. SEE S501 FOR TYPICAL STEEL DETAILS & SCHEDULES & BASE PLATE INFO
11. ELEVATION NOTED IN PIERMARK XX'-X" = TOP OF FOOTING OR TOP OF PIER

FOUNDATION PLAN LEGEND



2 ENTRY FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



KEYNOTE LEGEND

KEY VALUE	KEY TEXT
1	PROVIDE OWNER WITH (15) 1 3/4" X 11 1/4" X 16'-0" 2.0E LVL. EACH LVL SHALL HAVE (3) LU2X6 HANGERS ALIGNED AT 1/4 POINTS FOR 2X6 SOLID BLOCKING INSERTS. PROVIDE 3/4" SHEATHING FOR PIT CAP. WRAP LAST FT OF EACH END OF EACH JOIST WITH TYVEK STYLE BUILDING PAPER.
2	VERIFY EXISTANCE OF STEM WALL AT EXISTING FOUNDATION. IF STEM WALL, MATCH BOT OF FTG WITH EXISTING AND DOWEL TO FOOTING WITH (2) #4X18" DOWELS. DOWEL TO WALL WITH (2) #4 X 12" DOWELS. IF NO STEM WALL, STEP FOOTING UP TO 99'-0" 3FT FROM EXISTING BUILDING. EXCAVATE AND CONSTRUCT FOOTING WITHOUT UNDERMINING EXISTING SLAB EDGE CONDITION. REPAIR ANY UNDERMINING WITH CONCRETE FILL.

TRUE NORTH PLAN NORTH

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

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Consultant:

Project Title: PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION

Project Location: 2930 AIRPORT RD STE A LA CROSSE WI, 54603

Sheet Title: FOUNDATION PLAN

HSR Project Number: 57823

Project Date: April 14, 2023

Drawn By: KLC

Key Plan:

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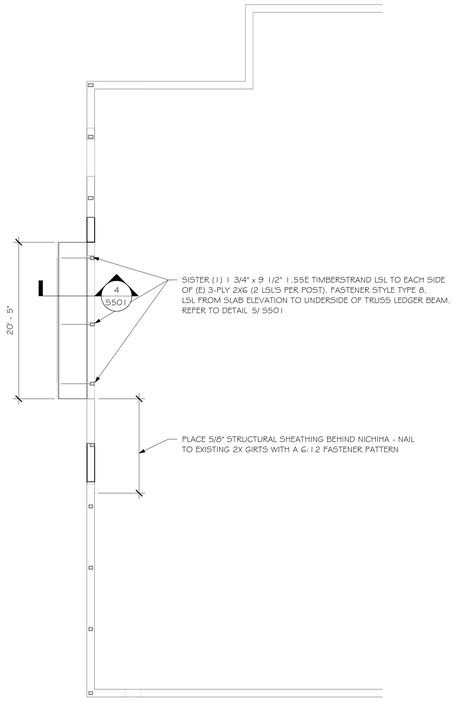
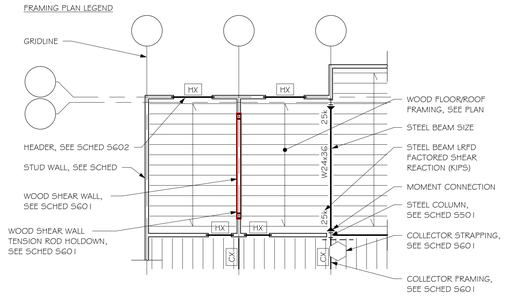
S101

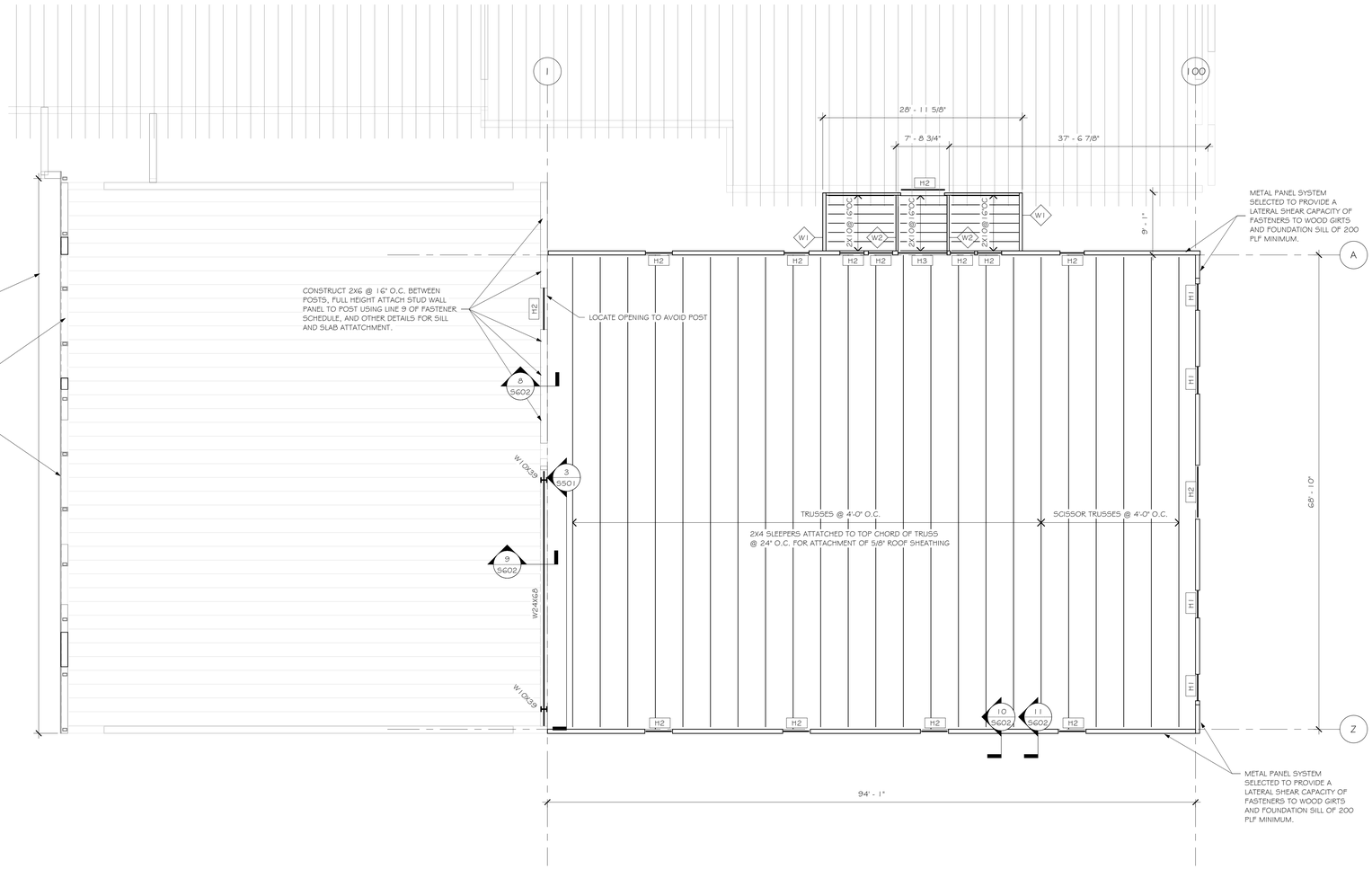


2 FRAMING PLAN
SCALE: 1/8" = 1'-0"

PLAN NOTES:
1. VERIFY ALL DIMENSIONS W/ ARCH DRAWINGS
2. TOP OF FLOOR SLAB OR ROOF DECK ELEVATION = STORY LEVEL AS SHOWN BELOW
3. TOP OF STEEL = ------ UNO AS (XXX-X")
4. SEE STRUCTURAL GENERAL NOTES & S601 FOR SHEATHING REQUIREMENTS & FASTENERS
5. SEE S001 & S002 FOR GENERAL STRUCTURAL NOTES & ABBREVIATIONS
6. SEE S301 FOR TYPICAL FOUNDATION DETAILS & SCHEDULES
7. SEE S401 FOR TYPICAL MASONRY DETAILS
8. SEE S402 FOR MASONRY REINFORCEMENT
9. SEE S501 FOR TYPICAL STEEL DETAILS & SCHEDULES & BASE PLATE INFO

FRAMING PLAN LEGEND





TRUE NORTH
PLAN NORTH

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

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Project Location: 2930 AIRPORT RD STE A LA CROSSE WI, 54603

Sheet Title: FRAMING PLAN

HSR Project Number: 57823

Project Date: April 14, 2023

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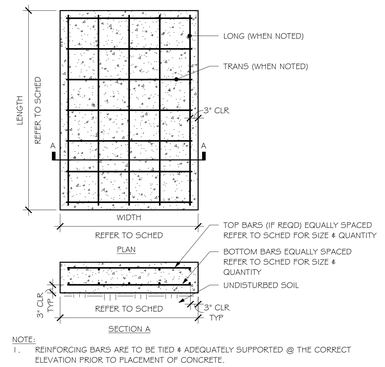
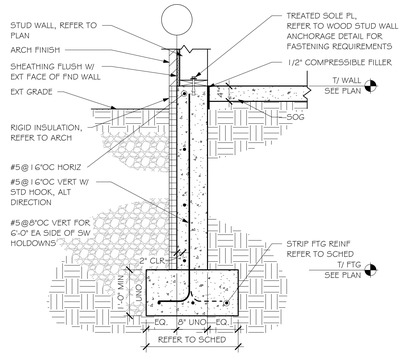
Last Update: 4/14/2023 10:48:01 AM

S102

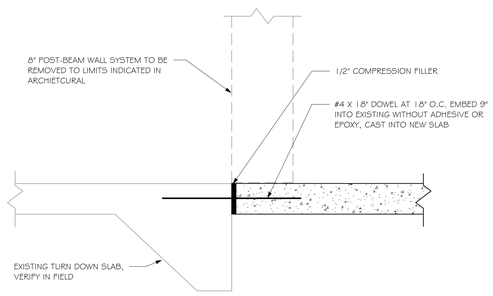


NOTE:
1. REINFORCING BARS ARE TO BE TIED & ADEQUATELY SUPPORTED @ THE CORRECT ELEVATION PRIOR TO PLACEMENT OF CONCRETE.

1 TYPICAL SPREAD FOOTING REINFORCING
SCALE: N.T.S.



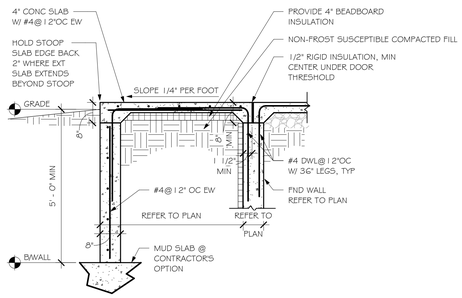
2 TYPICAL EXTERIOR FOUNDATION WALL
SCALE: N.T.S.



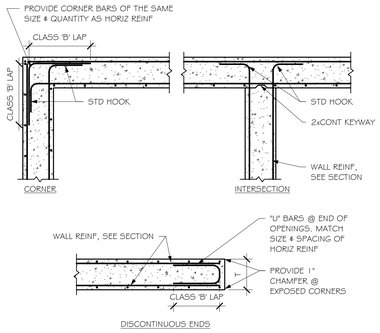
3 SLAB AT EXISTING
SCALE: 1 1/2" = 1'-0"

SPREAD FOOTING SCHEDULE						
TYPE	LENGTH	WIDTH	THICKNESS	BOTTOM BARS	TOP BARS	COMMENTS
F3x5	3' - 0"	5' - 0"	1' - 0"			

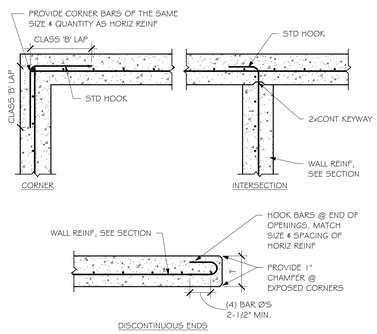
STRIP FOOTING SCHEDULE					
TYPE	WIDTH	THICKNESS	BOTTOM BARS	TOP BARS	COMMENTS
SF1.5	1' - 6"	1' - 0"	(3)#5xCONT		
SF2.0	2' - 0"	1' - 0"	(3)#5xCONT		



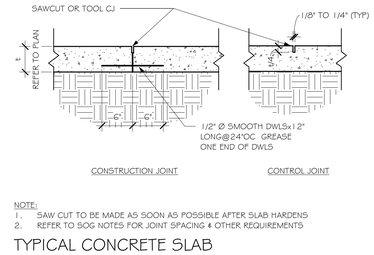
4 TYPICAL CONCRETE STOOP SECTION
SCALE: N.T.S.



5 TYP DUAL LAYER CONC WALL INTERSECTIONS
SCALE: N.T.S.

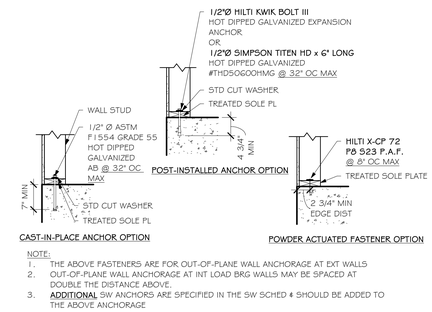


6 TYP SINGLE LAYER CONC WALL INTERSECTIONS
SCALE: N.T.S.



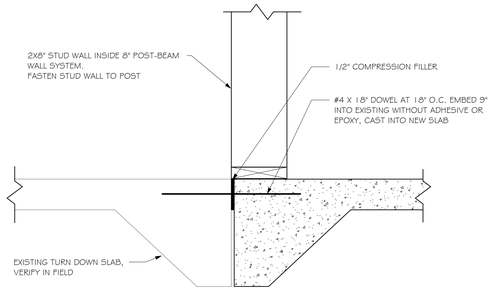
NOTE:
1. SAW CUT TO BE MADE AS SOON AS POSSIBLE AFTER SLAB HARDENS
2. REFER TO SOG NOTES FOR JOINT SPACING & OTHER REQUIREMENTS

TYPICAL CONCRETE SLAB CONSTRUCTION & CONTROL JOINTS
SCALE: N.T.S.

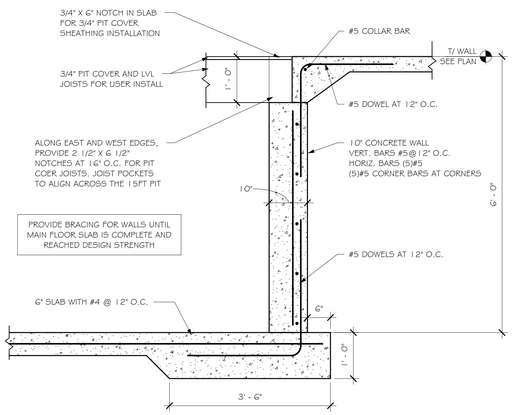


NOTE:
1. THE ABOVE FASTENERS ARE FOR OUT-OF-PLANE WALL ANCHORAGE AT EXT WALLS
2. OUT-OF-PLANE WALL ANCHORAGE AT INT LOAD BRG WALLS MAY BE SPACED AT DOUBLE THE DISTANCE ABOVE.
3. ADDITIONAL SW ANCHORS ARE SPECIFIED IN THE SW SCHED & SHOULD BE ADDED TO THE ABOVE ANCHORAGE

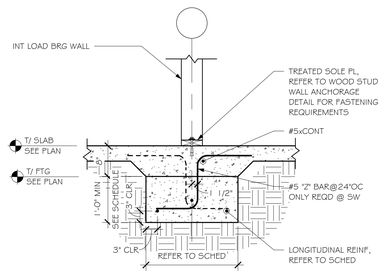
8 TYPICAL WOOD STUD WALL ANCHORAGE
SCALE: N.T.S.



9 TURN DOWN SLAB AT EXISTING
SCALE: 1 1/2" = 1'-0"



10 PIT WALLS AND SLAB
SCALE: 3/4" = 1'-0"



TYPICAL STRIP FOOTING @ INTERIOR LOAD BRG WALL
SCALE: N.T.S.

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Consultant:

Project Title: PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION

Project Location: 2930 AIRPORT RD STE A LA CROSSE WI, 54603

Sheet Title: FOUNDATION DETAILS & SCHEDULES

HSR Project Number: 57823

Project Date: April 14, 2023

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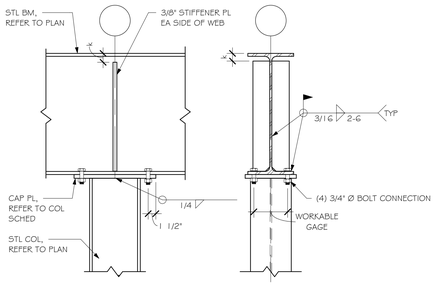
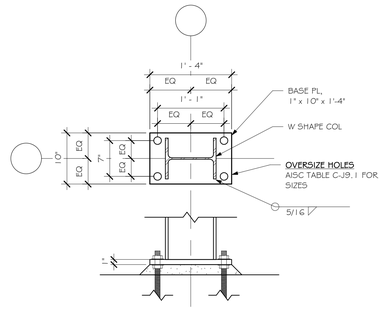
S301



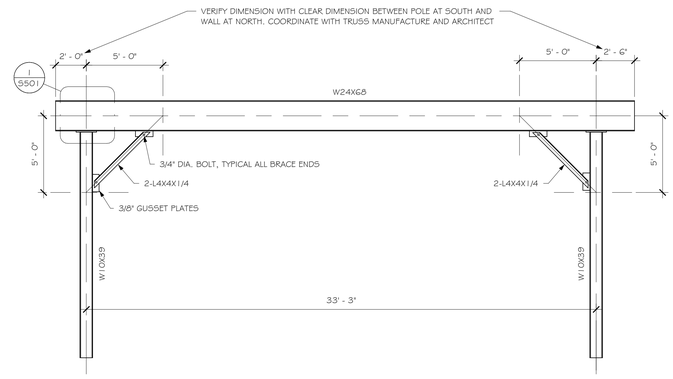
TYPICAL WF BEAM OVER WF COLUMN

1 CONNECTION
SCALE: N.T.S.

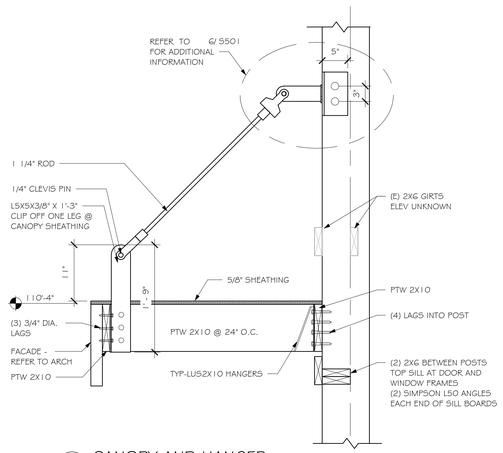
BASE PLATE SCHEDULE NOTES:
1. ANCHOR ROD MATERIAL SHALL BE F1554 GRADE 36, TYP
2. PROVIDE 1'-0" ANCHOR ROD EMBED @ CIP CONC BELOW, UNO
3. PROVIDE 0'-9" ANCHOR ROD EMBED, EPOXY SET @ PRECAST CONC BELOW, UNO



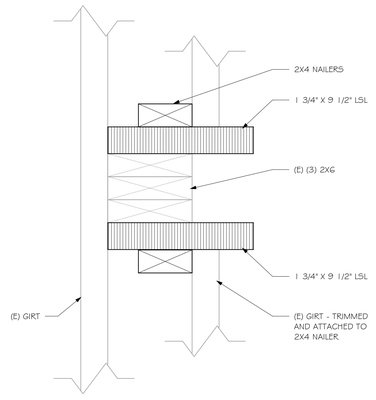
2 STEEL COLUMN BASE PLATE - TYPE C
SCALE: N.T.S.



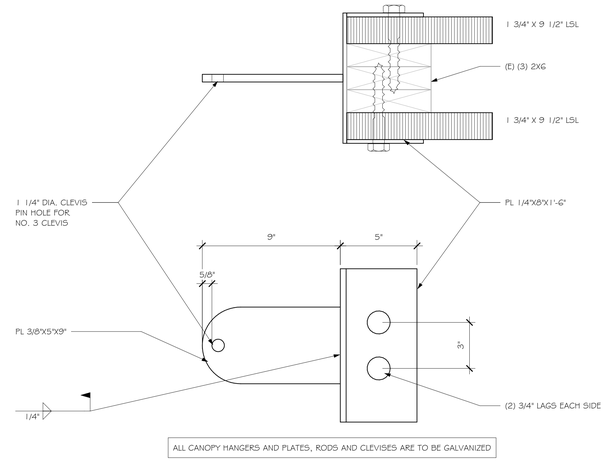
3 WF FRAME
SCALE: 1/4" = 1'-0"



4 CANOPY AND HANGER
SCALE: 1" = 1'-0"



5 REINFORCED POSTS
SCALE: 3" = 1'-0"



ALL CANOPY HANGERS AND PLATES, RODS AND CLEVISES ARE TO BE GALVANIZED

6 HANGER AT POSTS
SCALE: 3" = 1'-0"

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Consultant:

Project Title: **PERFORMANCE ELITE GYMNASTICS BUILDING ADDITION**

Project Location: **2930 AIRPORT RD STE A LA CROSSE WI, 54603**

Sheet Title: **STEEL DETAILS & SCHEDULES**

HSR Project Number: **57823**

Project Date: **April 14, 2023**

Drawn By: **KLC**

Key Plan:

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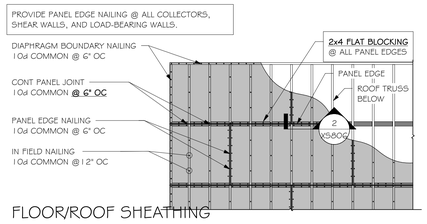
Graphic Scale: **VARIES**

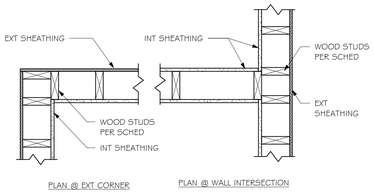
Last Update: **4/14/2023 10:48:14 AM**

S501



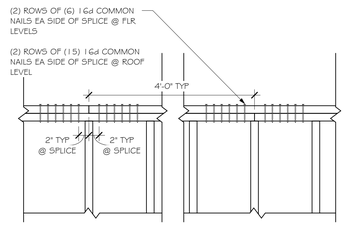
1 FLOOR/ROOF SHEATHING NAILING - BLOCKED DIAPHRAGM

SCALE: 1/4" = 1'-0"



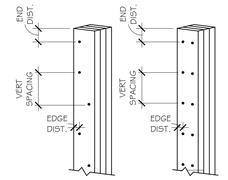
2 TYPICAL WOOD STUD WALL INTERSECTIONS

SCALE: 1" = 1'-0"



4 TYPICAL WOOD STUD WALL DOUBLE TOP PLATE SPLICE

SCALE: 1" = 1'-0"



COLUMN MEMBER	NUMBER OF PLYS	FASTENER	SCREW LENGTH	END DISTANCE	EDGE DISTANCE	VERTICAL SPACING
2x4	(2)	10d NAILS	-	2 1/2"	1"	6"
		SDW/WSWH SCREW	3"	3 1/2"	1 1/2"	6"
	(3)	30d NAILS	-	3 1/2"	1 1/2"	8"
		SDW/WSWH SCREW	4 3/8"	3 1/2"	1 1/2"	8"
	(4) OR (5)	1/2" Ø BOLTS	-	4"	2"	8"
2x6	(2)	(2) 10d NAILS	-	3 1/2"	1 1/2"	8"
		(2) SDW/WSWH SCREW	3"	3 1/2"	1 1/2"	6"
	(3)	(2) 30d NAILS	-	3 1/2"	1 1/2"	8"
		(2) SDW/WSWH SCREW	4 3/8"	3 1/2"	1 1/2"	8"
	(4)	(2) SDW/WSWH SCREW	6"	3 1/2"	1 1/2"	8"
	(4) OR (5)	(2) 1/2" Ø BOLTS	-	4"	2"	8"

NOTES
1. ADJACENT NAILS SHALL BE DRIVEN FROM OPPOSITE SIDES OF THE COL.
2. NAILS SHALL BE COMMON WIRE NAILS.
3. PROVIDE METAL WASHERS BETWEEN WOOD & BOLT HEAD, & BETWEEN THE WOOD & NUT.
4. NUTS SHALL BE TIGHTENED TO ENSURE THAT FACES OF ADJACENT LAMINATIONS ARE IN CONTACT.
5. JACK/KING STUD PACKS SHALL ACT AS ONE COMBINED BUILT-UP COLUMN, 2 JACK + 1 KING = 3 PLY BUILT UP COLUMN.

6 TYPICAL BUILT-UP WOOD COLUMN FASTENING SCHEDULE

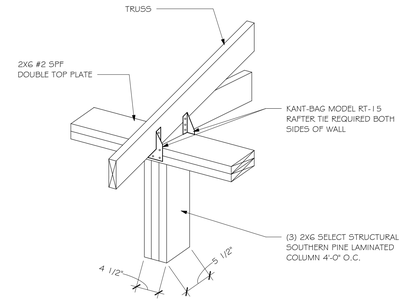
SCALE: 3/4" = 1'-0"

IBC 2015 - TABLE 2304.10.1 - FASTENING SCHEDULE			
	CONNECTION	FASTENING	SPACING & LOCATION
1.	BLOCKING BETWEEN CEILING JOISTS, RAFTERS OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW	3 - 8d COMMON (2 1/2" x 0.131") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS	EACH END, TOENAIL
	BLOCKING BETWEEN RAFTERS OR TRUSS NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	2 - 8d COMMON (2 1/2" x 0.131") 2 - 3" x 0.131" NAILS	EACH END, TOENAIL
		2 - 16d COMMON (3 1/2" x 0.162") 3 - 3" x 0.131" NAILS	END NAIL
	FLAT BLOCKING TO TRUSS AND WEB FILLER	16d COMMON (3 1/2" x 0.162") @6" OC 3 - 3" x 0.131" NAILS	FACE NAIL
2.	CEILING JOISTS TO TOP PLATE	3 - 8d COMMON (2 1/2" x 0.131") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS	EACH JOIST, TOENAIL
6.	RAFTER OR ROOF TRUSS TO TOP PLATE	3 - 10 COMMON (3" x 0.148") 3 - 16d BOX (3" x 0.135") 4 - 10d BOX (3" x 0.128") 4 - 3" x 0.131" NAILS	TOENAIL
8.	STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162")	24" OC FACE NAIL
		10d BOX (3" x 0.128") 3" x 0.131" NAILS	16" OC FACE NAIL
9.	STUD TO STUD & ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED PANELS)	16d COMMON (3 1/2" x 0.162")	16" OC FACE NAIL
		16d BOX (3 1/2" x 0.135") 3" x 0.131 NAILS	12" OC FACE NAIL
12.	TOP PLATE TO TOP PLATE	16d COMMON (3 1/2" x 0.162")	16" OC FACE NAIL
		10d BOX (3 " x 0.128") 3" x 0.131 NAILS	12" OC FACE NAIL
13.	TOP PLATE TO TOP PLATE, AT END JOINTS	8 - 16d COMMON (3 1/2" x 0.162") 12 - 10d BOX (3" x 0.128") 12 - 3" x 0.131" NAILS	EACH SIDE OF END JOINT, FACE NAIL (MIN 24" LAP SPLICE LENGTH EA SIDE)
15.	SOLE PLATE TO JOIST, RIM JOIST, BAND JOIST, OR BLOCKING AT BRACED WALL PANELS	2 - 16d COMMON (3 1/2" x 0.162") 3 - 16d BOX (3 1/2" x 0.135") 4 - 3" x 0.131" NAILS	16" OC FACE NAIL
16.	STUD TO TOP OR BOTTOM PLATE	4 - 8d COMMON (2 1/2" x 0.131") 4 - 10d BOX (3" x 0.128") 4 - 3" x 0.131" NAILS	TOENAIL
		2 - 16d COMMON (3 1/2" x 0.162") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS	END NAIL
17.	TOP OR BOTTOM PLATE TO STUD	2 - 16d COMMON (3 1/2" x 0.162") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS	END NAIL
18.	TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	2 - 16d COMMON (3 1/2" x 0.162") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS	FACE NAIL
22.	JOIST TO SILL, TOP PLATE OR GIRDER	3 - 8d COMMON (2 1/2" x 0.131") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS	TOENAIL
23.	RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d COMMON (2 1/2" x 0.131") 10d BOX (3" x 0.128") 3" x 0.131" NAILS	6" OC TOENAIL
29.	JOIST TO BAND JOIST OR RIM JOIST	3 - 16d COMMON (3 1/2" x 0.162") 4 - 10d BOX (3" x 0.128") 4 - 3" x 0.131" NAILS	END NAIL
30.	BRIDGING OR BLOCKING TO JOIST, RAFTER OR TRUSS	2 - 8d COMMON (2 1/2" x 0.131") 2 - 10d BOX (3" x 0.128") 2 - 3" x 0.131" NAILS	EACH END, TOENAIL
32.	WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF, AND INTERIOR WALL SHEATHING TO FRAMING - 19/32" - 3/4"	8d COMMON (2 1/2" x 0.131") 6d DEFORMED (2" x 0.113")	6" OC @ EDGES 12" OC @ INTERMEDIATE SUPPORTS
		2 3/8" x 0.113"	4" OC @ EDGES 8" OC @ INTERMEDIATE SUPPORTS

FASTENER SCHEDULE NOTES
1. COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED.
2. REFER TO IBC TABLE 2304.10.1 FOR ANY APPLICABLE CONDITIONS NOT LISTED ABOVE.

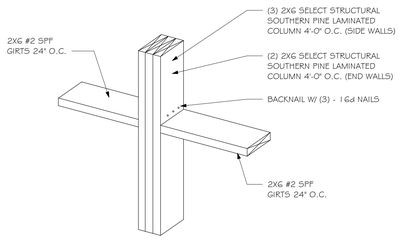
7 FASTENING SCHEDULE (2015 IBC)

SCALE: 1 1/2" = 1'-0"



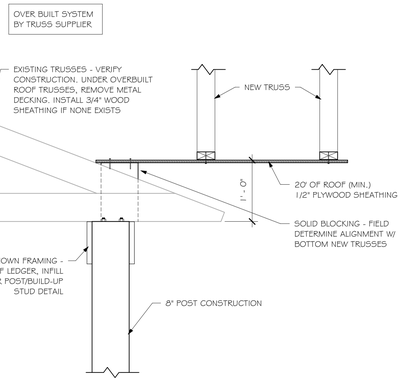
10 TRUSS TO COLUMN CONNECTION

SCALE: 1" = 1'-0"



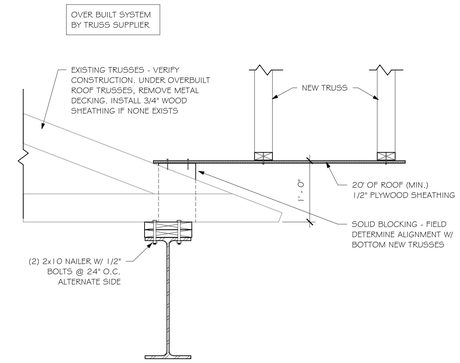
11 GIRT TO COLUMN CONNECTION

SCALE: 1" = 1'-0"



8 TRUSS AND PORTAL FRAMING DETAIL

SCALE: 1" = 1'-0"



9 TRUSS AND PORTAL FRAMING DETAIL @ WF

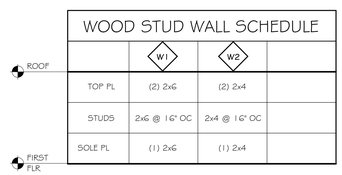
SCALE: 1" = 1'-0"

SHEAR WALL FASTENING & HOLDDOWN SCHEDULE									
TYPE	# OF SIDES SHEATHED	SHEATHING EDGE NAIL SPACING	SOLE PL FASTENER SPACING		STRAP/HOLDDOWN	ANCHOR POST FASTENERS	END LENGTH/ANCHOR ROD EMBED	ANCHOR POST	MINIMUM WALL LENGTH
			@ WOOD FLR	@ CONC FDN[5]					
SW1	1	8d @ 6"OC	--	32"OC	--	--	-	--	26 FT
SW2	1	10d @ 6"OC	--	32"OC	--	--	--	--	--

NOTE:
1. ALL SHEAR WALL SHEATHING SHALL BE 15/32" APA RATED OSB
2. ALL SHEAR WALL SHEATHING NAILING SHALL USE 0.131"Ø x3" SMOOTH, CARBON STEEL, POWER DRIVEN NAILS
3. SOLE PL FASTENERS AT ELEVATED WOOD FLOOR SHALL BE SDWS22500DB
4. SOLE PL FASTENERS AT ELEVATED WOOD FLOOR SHALL BE SDWS22800DB
5. ALL SOLE PL FASTENERS AT CONCRETE SHALL BE 1/2"Ø BOLT W/ MIN EMBED OF 6", SEE
6. FOR 2" OC # 3" OC EDGE NAILING, A MINIMUM (2)PLY STUDS SHALL BE USED.
7. ANCHOR POST IS THE STUD QUANTITY AT END OF SHEARWALL. 3X/ S602
8. ANCHOR EMBED DEPTH IS INTO CONCRETE FOUNDATION WALL UNO.
9. WHEN TWO (2) HOLDDOWNS ARE SPECIFIED, INSTALL HOLDDOWNS ON OPPOSITE SIDES OF THE ANCHOR POST. OFFSET HOLDDOWNS IF THE ANCHOR POST IS NOT THICK ENOUGH TO PREVENT OPPOSING HOLDDOWN FASTENER INTERFERENCE.
10. SIMPSON TITEN HD OF SAME DIAMETER AND EMBEDMENT IS ACCEPTABLE.

12 SHEAR WALL SCHEDULE

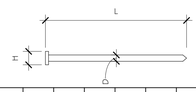
SCALE: 12" = 1'-0"



WOOD STUD WALL SCHEDULE			
	W1	W2	
TOP PL	(2) 2x6	(2) 2x4	
STUDS	2x6 @ 16" OC	2x4 @ 16" OC	
SOLE PL	(1) 2x6	(1) 2x4	

WOOD STUD WALL NOTES
1. ALL STUD & PL MATERIAL SHALL BE SPF NO.1/NO.2 UNO.
2. ALL SOLE PLATES IN CONTACT WITH CONCRETE/MASONRY SHALL BE PRESERVATIVE TREATED OR EXTERIOR FRT WHERE FRT REQD.
3. REFER TO DETAILS FOR PARAPET FRAMING.
4. STUDS MUST ALIGN WITH STUDS & FRAMING MEMBERS BELOW.

TYPICAL NAIL DIMENSIONS

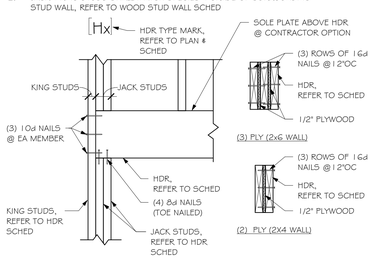


TYPE		6d	7d	8d	10d	12d	16d	20d	30d	40d	50d	60d
COMMON	L	2"	2 1/4"	2 1/2"	3"	3 1/4"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"
	D	0.113"	0.113"	0.131"	0.148"	0.148"	0.162"	0.192"	0.207"	0.225"	0.244"	0.263"
	H	0.266"	0.266"	0.281"	0.312"	0.312"	0.344"	0.406"	0.438"	0.469"	0.500"	0.531"
BOX	L	2"	2 1/4"	2 1/2"	3"	3 1/4"	3 1/2"	4"	4 1/2"	5"		
	D	0.099"	0.099"	0.113"	0.128"	0.128"	0.135"	0.148"	0.148"	0.162"		
	H	0.266"	0.266"	0.297"	0.312"	0.312"	0.344"	0.375"	0.375"	0.406"		

WOOD HEADER SCHEDULE

TYPE	MATERIAL	HEADER SIZE # OF PLIES	WIDTH	DEPTH	JACK STUDS	KING STUDS	COMMENTS
H1	LUMBER	3	2"	6"	-	-	HANGERS AT POSTS
H2	LUMBER	3	2"	6"	-	-	HANGERS AT POSTS
H3	LVL	3	1 3/4"	11 1/4"	-	-	HANGERS AT POSTS

WOOD HEADER SCHEDULE NOTES:
1. NOMINAL DIMENSIONS SHOWN FOR SAWN LUMBER HDRS, ACTUAL DIMENSIONS SHOWN FOR LAMINATED VENEER LUMBER (LVL) HDRS
2. JACK & KING STUDS SHALL MATCH SPECIES & GRADE OF SURROUNDING STUD WALL, REFER TO WOOD STUD WALL SCHED



13 TYPICAL WOOD HEADER

SCALE: 1" = 1'-0"

ARCHITECTURE
ENGINEERING
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Project Location: 2930 AIRPORT RD STE A LA CROSSE WI, 54603

Sheet Title: WOOD FRAMING DETAILS & SCHEDULES

HSR Project Number: 57823

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Drawn By: KLC

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Revisions:

No.	Description	Date

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