MORTON BUILDINGS GENERAL SPECIFICATIONS

LAMINATED COLUMNS - NO. 1 OR BETTER SOUTHERN YELLOW PINE NAIL LAMINATED 3 MEMBER S4S COLUMNS NAILED 8" O.C. STAGGERED ON EACH SIDE WITH 4" NAILS.

MFS PRE-CAST CONCRETE COLUMN - MORTON BUILDINGS FOUNDATION SYSTEM IS A PRE-ENGINEERED, 10,000 PSI, STEEL REINFORCED COLUMN FOR BELOW GROUND INSTALLATION. DESIGNED TO BE MECHANICALLY FASTENED TO ABOVE GROUND NAIL LAMINATED COLUMNS. THE SYSTEM IS DESIGNED TO RESIST BOTH AXIAL AND BENDING FORCES.

FOOTINGS AND ANCHORAGE - COLUMN HOLES ARE DUG A MINIMUM DEPTH OF 4'-0" BELOW GRADE (SEE PLANS FOR DIAMETER AND DEPTH). MFS PRE-CAST CONCRETE COLUMNS ARE PLACED IN THE HOLE. CONCRETE (MINIMUM COMPRESSIVE STRENGTH 2500 PSI) IS POURED IN PLACE TO THE SPECIFIED THICKNESS (SEE PLANS FOR REQUIRED THICKNESS ABOVE AND BELOW THE COLUMN). THE COLUMN IS THEN BACKFILLED WITH SOIL AND COMPACTED AT 8" INTERVALS OR BACKFILLED WITH CONCRETE (SEE PLANS).

ANCHORED ON CONCRETE - COLUMNS ARE ATTACHED TO CONCRETE BY USE OF 1/4" H.R. STEEL COLUMN SOCKETS. EACH SOCKET IS FASTENED TO THE CONCRETE BY (2) 1/2" DIA. x 6-1/2" THREADED RODS EMBEDDED 4-1/4" INTO THE CONCRETE WITH HILTI HIT HY-200 ADHESIVE. COLUMN IS FASTENED TO SOCKET BY (4) 1/2"x6" M. BOLTS & (8) 1/4"x2-1/2" POWER LAG WASHER HEAD YELLOW ZINC SCREWS.

TREATED LUMBER -- PRESSURE PRESERVATIVE TREATED LUMBER OTHER THAN LAMINATED COLUMNS ARE NO. 1 OR BETTER SOUTHERN YELLOW PINE AND CENTER MATCHED OR NOTCHED AND GROOVED OR \$4\$. PRESSURE TREATMENT TO GROUND CONTACT RETENTION WITH PRESERVATIVE TREATMENT COMPLYING WITH USE CATEGORY UC4B (AWPA OR ICC-ES) AND IN COMPLIANCE WITH USEPA GUIDELINES AND STANDARDS.

FRAMING LUMBER - SIDING NAILERS ARE 2x4 S4S OR 2x6 SPF NO. 2 OR BETTER SPACED APPROXIMATELY 36" O.C. WITH ALL JOINTS STAGGERED AT ATTACHMENT TO COLUMNS. ROOF PURLINS ARE 2x4 S4S NO. 2 OR BETTER ON EDGE SPACED APPROXIMATELY 24" O.C. ALL OTHER FRAMING LUMBER IS NO. 2 OR BETTER.

ROOF TRUSSES - FACTORY ASSEMBLED WITH 18 OR 20 GAUGE GALVANIZED STEEL TRUSS PLATES AS REQUIRED AND KILN DRIED LUMBER AS SPECIFIED, IN-PLANT QUALITY CONTROL INSPECTION IS CONDUCTED UNDER THE AUSPICES OF THE TPI INSPECTION BUREAU. TRUSSES ARE DESIGNED IN ACCORDANCE WITH CURRENT STANDARDS AND SPECIFICATIONS FOR THE STATED LOADING.

SIDING & ROOFING PANELS (FLUOROFLEX 1000 TM) - 0.019" MIN., G90 GALVANIZED OR AZ55 GALVALUME STEEL WITH AN ADDITIONAL BAKED-ON 70% PVDF FINISH WITH A NOMINAL 1 MIL. PAINT THICKNESS ON EXTERIOR.

TRIM - DIE-FORMED TRIM OF 0.017" MIN., G90 GALVANIZED OR AZ55 GALVALUME STEEL ON GABLES, RIDGES, CORNERS, BASE WINDOWS, AND DOORS WITH SAME FINISH AS ROOFING OR SIDING PANELS.

GUTTERS - 5" OR 6" K-STYLE, .030 HIGH TENSILE ALUMINUM GUTTER, 70% PVDF FINISH TO MATCH TRIM, ON BOTH SIDES OF THE BUILDING.

2x4 F1 F1 MFS 09/20

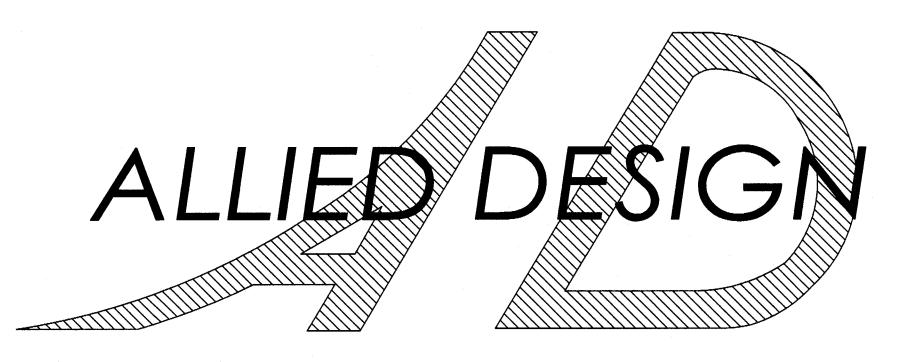
EARTHQUAKE DESIGN DATA TABLE		
0.2 SEC SPECTRAL RESPONSE ACCELERATION (Ss)	0.09 g	
1.0 SEC SPECTRAL RESPONSE ACCELERATION (S1)	0.047 g	
SEISMIC DESIGN CATEGORY	В	
RISK CATEGORY (TABLE 1604.5)	II	
SITE CLASS	D	
BASIC STRUCTURAL SYSTEM AND SEISMIC-RESISTING SYSTEM	LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE OR STEEL SHEETS	
RESPONSE MODIFICATION FACTOR (R)	7	
ANALYSIS PROCEDURE	SIMPLIFIED LATERAL FORCE ANALYSIS PROCEDURE	
SEISMIC DESIGN BASE SHEAR	450 LBS	

SHEET INDEX	
SHEET #	DESCRIPTION
G1 OF G1	SPECIFICATIONS & SHEET INDEX
A1 OF A4	BUILDING LOCATION PLAN & DETAILS
A2 OF A4	INTERIOR LAYOUT
A3 OF A4	DETAILS
A4 OF A4	ELEVATIONS
SF1 OF SF1	FOUNDATION PLAN AND SECTIONS
\$1 OF \$7	COLUMN PLAN
\$2 OF \$7	TRUSS/BRACING PLAN & DETAILS
\$3 OF \$7	TRUSS DRAWING & DETAILS
S4 OF S7	SECTION & DETAILS
\$5 OF \$7	SECTIONS
S6 OF S7	SECTIONS
\$7 OF \$7	SECTIONS

CURRENT LUMBER SPECIFICATIONS (06-01-2013)		
SIZE	DESCRIPTION	BENDING VALUE FO
2x4	NO. 2 SPF	1313 PSI
2x4	NO. 1 SYP	1500 PSI
2x4	2100f MSR SPF	2100 PSI
2x6	NO. 2 SPF	1138 PSI
2x6	NO. 1 SYP	1350 PSI
2x6	2100f MSR SPF	2100 PSI
2X6	2400 MSR SYP	2400 PSI
2x8	NO. 1 SYP	1250 PSI
2x8	2400 MSR SYP	2400 PSI
2x10	NO. 1 SYP	1050 PSI
2x10	2400 MSR SYP	2400 PSI
2x12	NO. 1 SYP	1000 PSI
2x12	2250f MSR SYP	2250 PSI
1 1/2"x16"	LAMINATED VENEER LUMBER	2800 PSI
3 1/2"x15"	GLU-LAM	1650 PSI
5 1/4"x16 1/2"	GLU-LAM	2400 PSI
5 1/4"x19 1/2"	GLU-LAM	2400 PSI

DESIGN AND EXPLANATORY NOTES

- 1.) ALL PLOT PLANS AND RELATED DETAILS SHALL BE PROVIDED BY OWNER UNLESS INCORPORATED AS PART OF THESE DRAWINGS.
- 2.) MORTON BUILDINGS GENERAL SPECIFICATIONS APPLY UNLESS INDICATED DIFFERENTLY ON SPECIFIC JOB DRAWINGS OR SUPPLEMENTAL INFORMATION.
- 3.) NO ONE MAY ALTER ANY ARCHITECTURAL OR ENGINEERING ITEM UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED / REGISTERED ARCHITECT OR LICENSED / REGISTERED ENGINEER.
- 4.) ◆ THE PRECEDING SYMBOL IDENTIFIES ITEMS THROUGHOUT THE PLANS THAT ARE NOT PROVIDED BY MORTON BUILDINGS, INC. OR MORTON BUILDINGS' SUBCONTRACTORS AND ARE THE OWNER'S RESPONSIBILITY.
- 5.) LIMITATIONS FOR S-1 USE GROUP INCLUDE:
- A. ALL CHEMICALS STORED IN THIS BUILDING SHALL MEET THE REQUIREMENTS OF USE GROUP S-1 AS DESCRIBED IN IBC SECTION 307. ALL CHEMICALS ABOVE THE MAXIMUM ALLOWABLE QUANTITIES PER TABLES 307.1(1) AND 307.1(2) SHALL HAVE A CLOSED CUP FLASH POINT AT OR ABOVE 200 DEGREES F, MEET THE LD50 AND LC50 TOXICITY REQUIREMENTS (ORAL, DERMAL, AND INHALATION) FOR NONTOXIC CHEMICALS, MEET THE REQUIREMENT FOR NONCORROSIVE CHEMICALS, AND WILL MEET ALL OF THE OTHER LIMITS FOR MODERATE HAZARD STORAGE AS SPECIFIED IN SECTION 307 FOR HIGH-HAZARD STORAGE.
- B. HIGH PILED COMBUSTIBLE STORAGE, WHERE THE TOP OF STORAGE IS GREATER THAN 12 FEET IN HEIGHT, IS NOT ALLOWED.



DOILDING DESIGN CRITERIA	
USE GROUP	S-1 (SEE NOTE #5)
CONSTRUCTION TYPE	∨B
RISK CATEGORY	ll ll
BUILDING AREA	3600 SQ. FT.
ROOF SNOW LOAD *	24 PSF
GROUND SNOW LOAD	30 PSF
WIND SPEED (VULT)	115 MPH
WIND SPEED (VASD)	89 MPH
FLOOR LOAD	125 PSF

BUILDING DESIGN CRITERIA

*ROOF SNOW LOAD CALCULATIONS

Pf = $0.7 \times Ce \times I \times Pg \times Ct$

Ce = SNOW EXPOSURE FACTOR = 1.0 = IMPORTANCE FACTOR = 1.0

= GROUND SNOW LOAD = 30 PSF

= THERMAL FACTOR = 1.1

 $= 0.7 \times 1.0 \times 1.0 \times 30 \times 1.1 = 23.10 \text{ PSF}$ Cs = ROOF SLOPE FACTOR = 1.0

Ps = Pf x Cs = $23.10 \times 1.0 = 23.10 \text{ PSF}$

I HEREBY CERTIFY THAT THE ARCHITECTURAL DESIGN FOR THIS BUILDING WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT AM A DULY CENSED/REGISTERED ARCHITECT.

don.tippet@alljeddesignaes.com DATE: 9 27/21 REG.#

DOMALD M A-9503 MORTO ILLINO

I HEREBY CERTIFY THAT THE STRUCTURAL DESIGN FOR THIS BUILDING WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED/REGISTERED PROFESSIONAL ENGINEER.

GLEN M. CASCIA, P.E. glen.cascia@allieddesignges.com

DATE: 9/24/2021 REG. # E-45299-C

CASCIA E-45299-6 PEKIN ILLINOIS

OFFICE: IXONIA, WI JOB NO. 091-109972

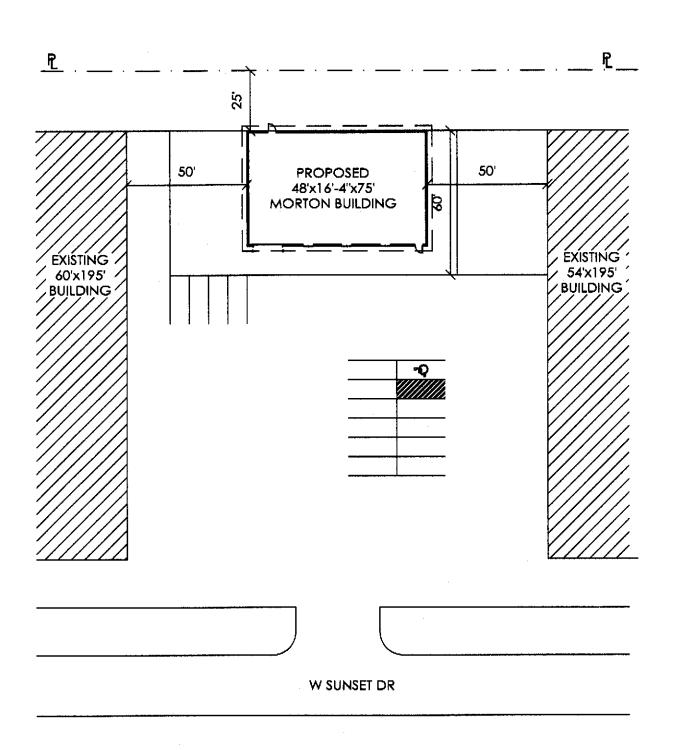
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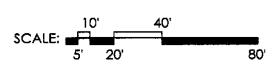
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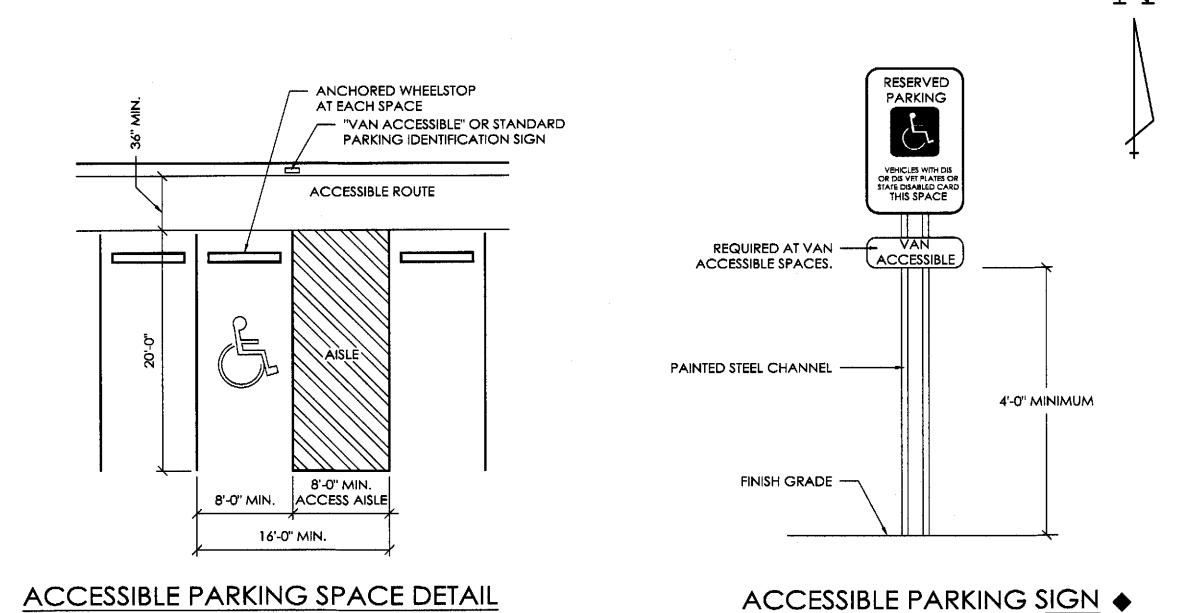
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BUILDING LOCATION PLAN





SEE NOTE #15

DESIGN AND EXPLANATORY NOTES

SITE PLAN ACCESSIBILITY

- 1. THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36 INCHES EXCEPT AT DOORS.
- 2. AN ACCESSIBLE ROUTES WALKING SURFACES, OTHER THAN RAMPS AND CURB RAMPS, SHALL BE NO GREATER THAN 1:20. WALKING SURFACE CROSS SLOPES OF AN ACCESSIBLE ROUTE SHALL NOT EXCEED 1:48.
- 3. THE MAXIMUM SLOPE OF A RAMP OR CURB RAMP SHALL BE 1:12 OR LESS. THE MAXIMUM RISE FOR ANY RUN SHALL BE 30 INCHES.
- 4. THE MINIMUM CLEAR WIDTH OF A RAMP 30 FEET OR LESS SHALL BE 36 INCHES. RAMPS MORE THAN 30 FEET IN LENGTH SHALL HAVE A MINIMUM CLEAR WIDTH OF 44 INCHES.
- 5. RAMPS SHALL HAVE LANDINGS AT BOTTOM AND TOP OF EACH RAMP AND EACH RAMP RUN WITH SLOPES NOT STEEPER THAN 1:48.
- 6. LANDINGS SHALL BE AT LEAST AS WIDE AS THE WIDTH OF THE RAMP RUN LEADING TO IT AND SHALL BE A MINIMUM OF 60 INCHES IN LENGTH. IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60 INCHES x 60 INCHES. CURB RAMPS SHALL HAVE A MINIMUM OF 36 INCHES CLEAR LENGTH.
- 7. IF A RAMP RUN HAS A RISE GREATER THAN 6 INCHES, THEN IT SHALL HAVE HAND RAILS ON BOTH SIDES.
- 8. CHANGES IN LEVEL UP TO 1/4 INCH MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2 INCH SHALL BE ACCOMPLISHED BY MEANS OF A RAMP.
- 9. THE MINIMUM WIDTH OF A CURB RAMP SHALL BE 36 INCHES, EXCLUSIVE OF FLARED
- 10, FOR PURPOSE OF WARNING, THE FULL WIDTH AND DEPTH OF CURB RAMPS SHALL HAVE TRUNCATED DOMES WHICH SIGNIFICANTLY CONTRASTS WITH THAT OF ADJOINING PEDESTRIAN ROUTES. TRUNCATED DOMES SHALL BE LOCATED FOR A DISTANCE OF 24 INCHES IN DIRECTIONS OF TRAVEL.
- 11. IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES; THE MAXIMUM SLOPE OF THE FLARE SHALL BE 1:10. CURB RAMPS WITH RETURNED CURBS MAY BE USED WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. THE MAXIMUM SLOPES OF ADJOINING GUTTERS, ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP, OR ACCESSIBLE ROUTE SHALL NOT EXCEED 1:20.
- 12. BUILT-UP CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES OR INTO SPACES THAT WOULD INTERFERE WITH PERSONS ENTERING OR EXITING PARKED OR STANDING VEHICLES.
- 13. CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES.
- 14. MARKED CROSSINGS THAT ARE RAISED TO THE SAME LEVEL AS THE ADJOINING SIDEWALK SHALL BE PRECEDED BY A 24 INCH DEEP AREA OF TRUNCATED DOMES EXTENDING THE FULL WIDTH OF THE MARKED CROSSING.

15. ACCESSIBLE PARKING SPACE:

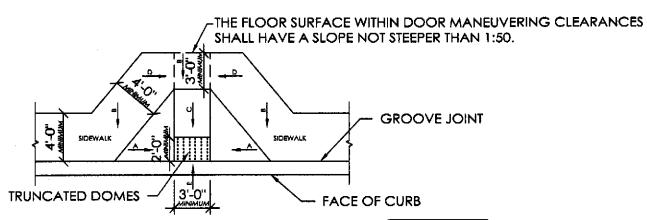
A. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:48 IN ALL DIRECTIONS.

16. THRESHOLD:

- A. LANDINGS SHALL BE HARD, FIRM AND SLIP RESISTANT SURFACES AND SHALL HAVE SLOPES OF LESS THAN 1:48 IN ALL DIRECTIONS.
- B. CHANGES IN LEVEL OF 1/4 INCH HEIGHT SHALL BE PERMITTED TO BE VERTICAL.
- C. CHANGES IN LEVEL GREATER THAN 1/4 INCH HEIGHT AND NOT MORE THAN 1/2 INCH MAXIMUM HIGH SHALL BE BEVELED TO A SLOPE NO STEEPER THAN 1:2.

17. SURFACE:

- A. ALL ACCESSIBLE ROUTES / ACCESS ELEMENTS SHALL BE STABLE, FIRM AND SLIP
- B. ACCESSIBLE ROUTES SHALL NOT BE STEEPER THAN 1:20. CROSS SLOPES OF A WALKING SURFACE SHALL NOT BE STEEPER THAN 1:48.
- C. FLOOR SURFACES OF A CLEAR FLOOR SPACE SHALL HAVE A SLOPE NOT STEEPER



CURB RAMP DETAIL

SLOPE "A" 1:10 SLOPE "B" 1/4"/FT SLOPE "C" 1:12 SLOPE "D" 1/2"/FT SLOPE "E" | 1:20

IXONIA, WI JOB NO.

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INTERIOR LAYOUT

INTERIOR LAYOUT LEGEND

(2) 3068 PLAIN LEAF WITH 1-LITE STEEL SKIN WALKDOORS, OUT SWING, RIGHT HINGE WITH KEYED LEVER LOCKSETS, CLOSERS

(2) 3068 INTERIOR WALKDOORS WITH PRIVACY LEVER LOCKSETS

(3) 4429 MB SLIDING WINDOWS

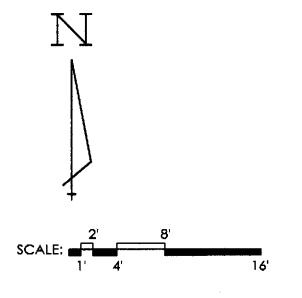
12'-2'x14'-1" OVERHEAD DOOR WITH 8" DIAMETER JAMB

PROTECTOR\$

EMERGENCY LIGHTING FIXTURE (SEE NOTE #9)

EXIT LIGHT/EMERGENCY LIGHTING COMBINATION FIXTURE (SEE

EXTERIOR REMOTE EMERGENCY LIGHTING (SEE NOTE #9)



ROUGH OPENING SCHEDULE		
UNIT SYMBOL WIDTH HEIGHT		HEIGHT
1	38 1/4"	81"
Λ	52 1/4"	33 5/8"

DESIGN AND EXPLANATORY NOTES

FLOOR PLAN ACCESSIBILITY

1. ACCESSIBILITY SHALL COMPLY WITH ICC/ANSI 117.1

- A. SINKS SHALL BE MOUNTED WITH RIM NO HIGHER THAN 34 INCHES ABOVE FINISHED
- B. KNEE CLEARANCE AT LEAST 27 INCHES HIGH, 30 INCHES WIDE AND 17 INCHES DEEP SHALL BE PROVIDED UNDERNEATH SINKS.
- C. SINKS SHALL BE A MAXIMUM OF 6-1/2 INCHES DEEP.
- D. WATER SUPPLY AND DRAINPIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE WILL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.
- E. FAUCETS SHALL BE LEVER-OPERATED OR AUTOMATED.
- F. A CLEAR FLOOR SPACE AT LEAST 30 INCHES WIDE BY 48 INCHES DEEP SHALL BE PROVIDED IN FRONT OF SINKS TO ALLOW FOR FORWARD APPROACH, WHEN FORWARD APPROACH IS REQUIRED. THE CLEAR FLOOR SPACE SHALL EXTEND A MAXIMUM OF 19 INCHES UNDERNEATH THE SURFACE.

3. DOORS.

- A. DOOR HARDWARE THROUGHOUT BUILDING SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE, THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LB/FT.
- B. ALL DOORS REQUIRED TO BE ACCESSIBLE, SHALL BE PROVIDED WITH LEVER HANDLES OR PUSH/PULL HARDWARE.
- C. DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
- D. THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN ACCESSIBLE INTERIOR HINGED DOORS SHALL BE 5 LB/FT.
- E. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED 34 INCHES MINIMUM TO 48 INCHES MAXIMUM ABOVE THE FINISHED FLOOR.
- F. THE UNLATCHING OFANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE
- G. DOORS SHALL BE READILY OPERABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT
- H. GLAZING IN DOORS AND SIDELITES SHALL BE SAFETY GLAZING, WINDOW GLAZING WITHIN TWO FEET OF ANY VERTICAL EDGE OF A DOOR IN A CLOSED POSITION SHALL ALSO BE SAFETY GLAZED.

4. DINING / WORK SURFACES.

- A. THE TOP OF THE COUNTER, TABLE, OR WORK STATION RESERVED FOR HANDICAPPED PERSONS SHALL BE 28 TO 34 INCHES ABOVE THE FINISHED FLOOR HEIGHT WITH A MINIMUM WORK SURFACE OF 36 INCHES LONG FOR SIDE APPROACH OR 30 INCHES LONG FOR FRONT APPROACH. KNEE AND TOE CLEARANCE SHALL BE PROVIDED UNDER THE WORKING SURFACES.
- B. FLOOR SURFACES WITHIN MANEUVERING CLEARANCES SHALL HAVE A SLOPE NOT STEEPER THAN 1:48.

5. SALES AND SERVICE COUNTERS

A. PARALLEL APPROACH:

- 1) A PORTION OF THE COUNTER SURFACE 36 INCHES MINIMUM IN LENGTH AND 36 INCHES MAXIMUM IN HEIGHT ABOVE THE FLOOR SHALL BE PROVIDED.
- 2) WHERE THE COUNTER SURFACE IS LESS THAN 36 INCHES IN LENGTH, THE ENTIRE COUNTER SURFACE SHALL BE 36 INCHES MAXIMUM IN HEIGHT ABOVE THE FLOOR.
- 3) A CLEAR FLOOR SPACE POSITIONED FOR A PARALLEL APPROACH ADJACENT TO THE ACCESSIBLE COUNTER SHALL BE PROVIDED.

B. FORWARD APPROACH:

- 1) A PORTION OF THE COUNTER SURFACE 30 INCHES MINIMUM IN LENGTH AND 36 INCHES MAXIMUM IN HEIGHT ABOVE THE FLOOR SHALL BE PROVIDED.
- 2) A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH TO THE ACCESSIBLE COUNTER SHALL BE PROVIDED.
- 3) KNEE AND TOE CLEARANCE SHALL BE PROVIDED UNDER THE ACCESSIBLE COUNTER.

6. SIGNAGE.

- A. SIGNAGE IS REQUIRED AT THE FOLLOWING LOCATIONS:
- 1) AT ALL NON-ACCESSIBLE ENTRANCES INDICATING THE LOCATION OF THE ACCESSIBLE ENTRANCES.
- TO A CORRIDOR, STAIRWELL, OR TO THE EXTERIOR OF THE BUILDING. 3) SIGNAGE SHOWING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE

2) SIGNS STATING "EXIT" SHALL BE PROVIDED ADJACENT TO EACH DOOR THAT LEADS

- LOCATED AT ALL RESTROOMS.
- B. ALL SIGNS SHALL INCLUDE TACTILE SIGNAGE INCLUDING ANY OPTIONAL INTERIOR AND EXTERIOR SIGNAGE IDENTIFYING PERMANENT ROOMS AND SPACES.
- C. TACTILE AND BRAILLE SIGNAGE SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FLOOR OR GROUND SURFACE, MEASURED TO THE BASELINE OF THE LOWEST TACTILE LETTER TO 60 INCHES MAXIMUM ABOVE THE FLOOR OR GROUND SURFACE, MEASURED TO THE BASE LINE OF THE HIGHEST TACTILE LETTER. D. TACTILE SIGNAGE SHALL BE LOCATED AT THE LATCH SIDE OF A DOORWAY, AT DOUBLE
- DOORS SIGNAGE SHALL BE PROVIDED ON THE SIDE OF ANY INACTIVE LEAF. IF BOTH DOORS ARE ACTIVE THE SIGNAGE SHALL BE PLACED TO THE RIGHT SIDE OF THE DOORWAY. IF SPACE IS NOT AVAILABLE FOR SIGNAGE IN THESE LOCATIONS, SIGNAGE SHALL BE LOCATED ON THE NEAREST ADJACENT WALL TO THE AREA SPECIFIED.
- E. A MINIMUM 18 INCHES X18 INCHES CLEAR FLOOR AREA CENTERED ON THE TACTILE SIGNAGE SHALL BE PROVIDED BEYOND THE ARC OF THE DOORWAY. SIGNAGE SHALL BE ALLOWED ON THE PUSH SIDE OF DOORS WITH CLOSERS WITHOUT HOLD OPEN DEVICES. F. NEW AND EXISTING BUILDINGS SHALL HAVE APPROVED ADDRESS NUMBERS, BUILDING
- PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. G. STREET ADDRESS SHALL BE POSTED IN NOT LESS THAN 4 INCH HIGH LETTERS/NUMBERS (6 INCH RECOMMENDED) WITH A MINIMUM STROKE DEPTH OF 0.5 INCH ON THE BUILDING.

NUMBERS OR APPROVED BUILDING IDENTIFICATION PLACED IN A POSITION THAT IS

- A. FLOOR SURFACE SHALL BE STABLE, FIRM AND SLIP RESISTANT.
- B. FLOOR SURFACES OF A CLEAR FLOOR SPACE SHALL HAVE A SLOPE NOT STEEPER THAN
- 8. ROOMS AND ENCLOSED SPACES SHALL HAVE WALL AND CEILING FINISHES WITH A MINIMUM CLASS C RATING (FLAME SPREAD INDEX 76-200 AND SMOKE DEVELOPED INDEX 0-450). CORRIDORS AND STAIRWAYS SHALL HAVE A MINIMUM CLASS A RATING (FLAME SPREAD INDEX 0-25 AND SMOKE DEVELOPED INDEX 0-450).
- 9. THE EMERGENCY EGRESS LIGHTING SHOWN IS REPRESENTATIVE ONLY, THE INSTALLATION IS TO BE IN ACCORDANCE WITH THE LIGHTING DESIGNER'S PLANS. THE LIGHTING DESIGNER IS TO PROVIDE PLANS, CUT SHEETS, & CALCULATIONS OR OTHER MEANS TO SHOW COMPLIANCE WHICH ARE TO BE AVAILABLE AT THE JOB SITE.
- 10. THE CUSTOMER SHALL LOCATE AND INSTALL A SERVICE SINK IN THIS BUILDING.

IXONIA, WI

JOB NO. 091-109972

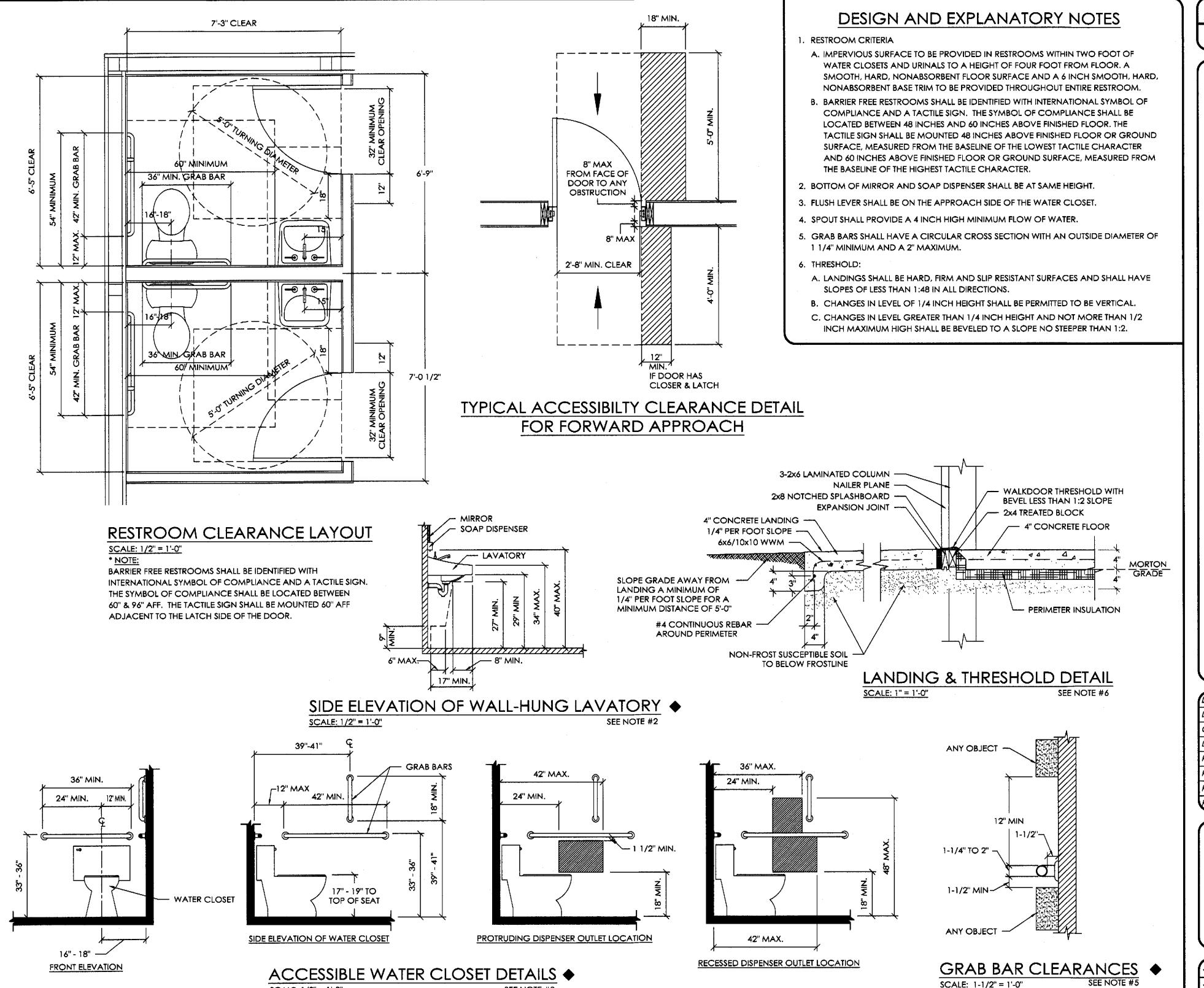
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ACCESSIBLE WATER CLOSET DETAILS ◆

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

FRONT ELEVATION

IXONIA, WI JOB NO. 091-109972

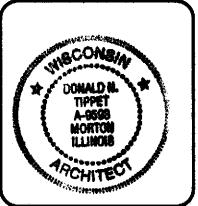
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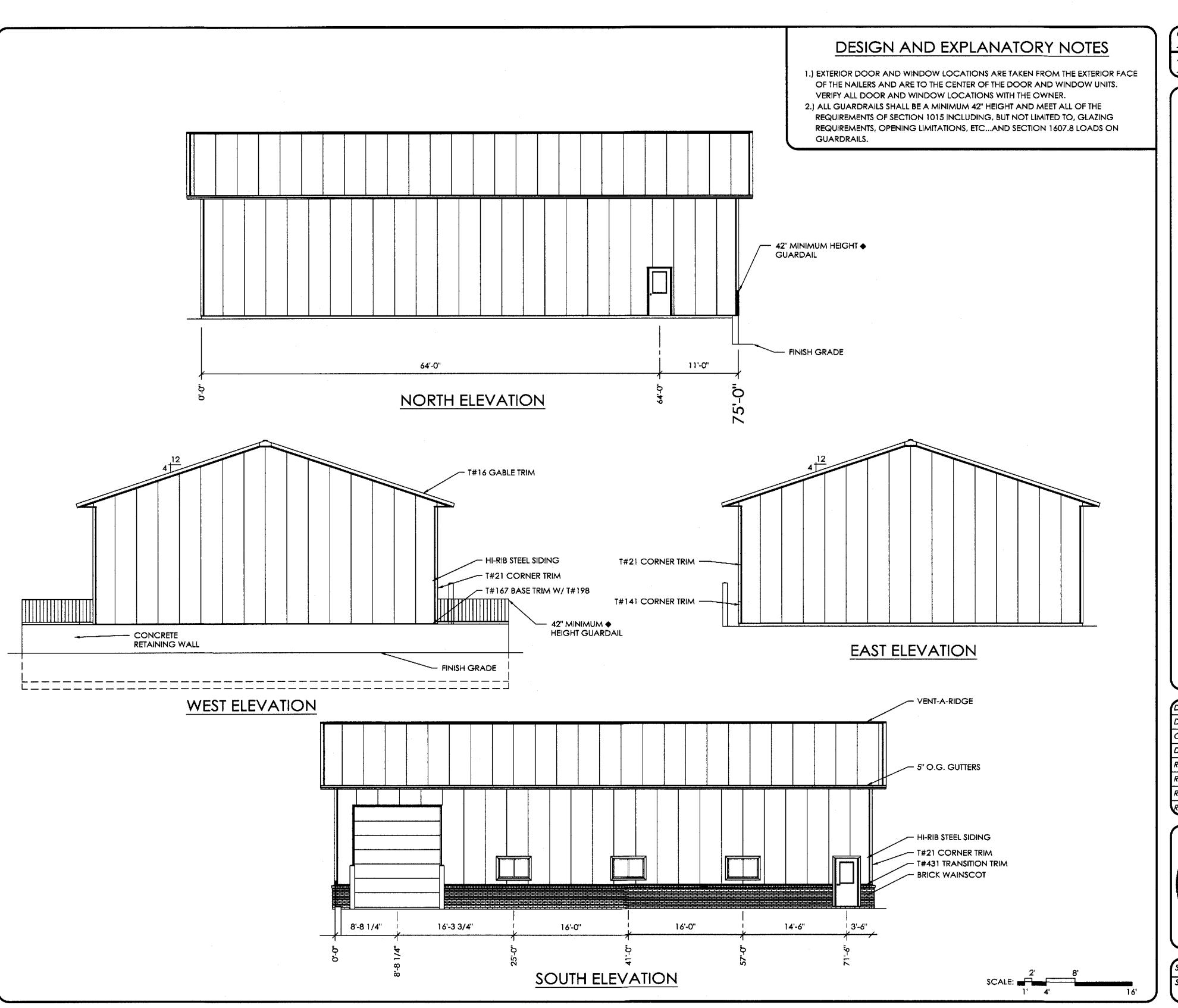
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SCALE: 1-1/2" = 1'-0"



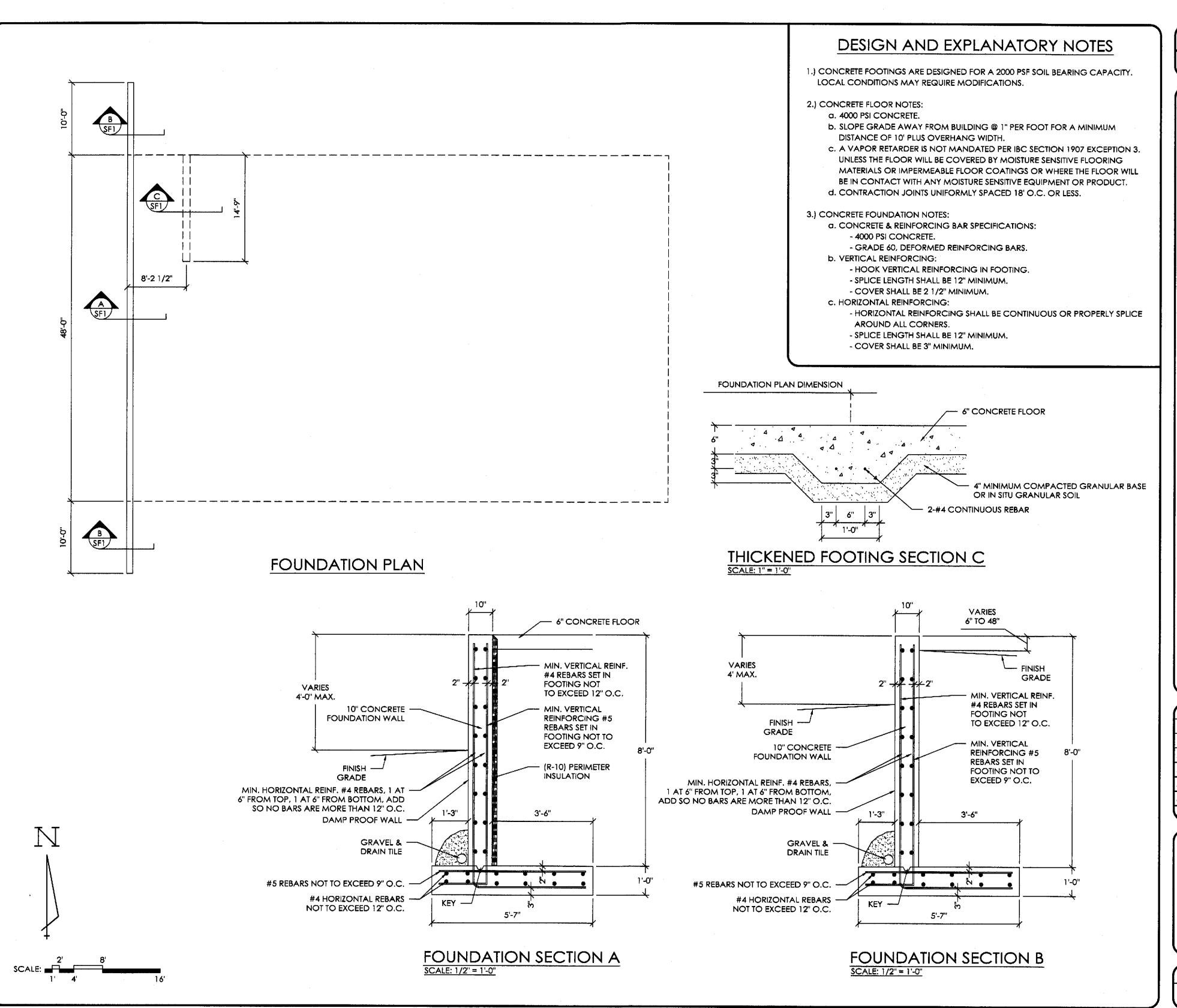
GINEERING GROUP

GARY NEVERMANN

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OFFICE: IXONIA, WI

JOB NO. 091-109972

SINEERING GROUP, P.C.

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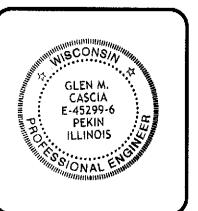
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DATE: 9/15/2021

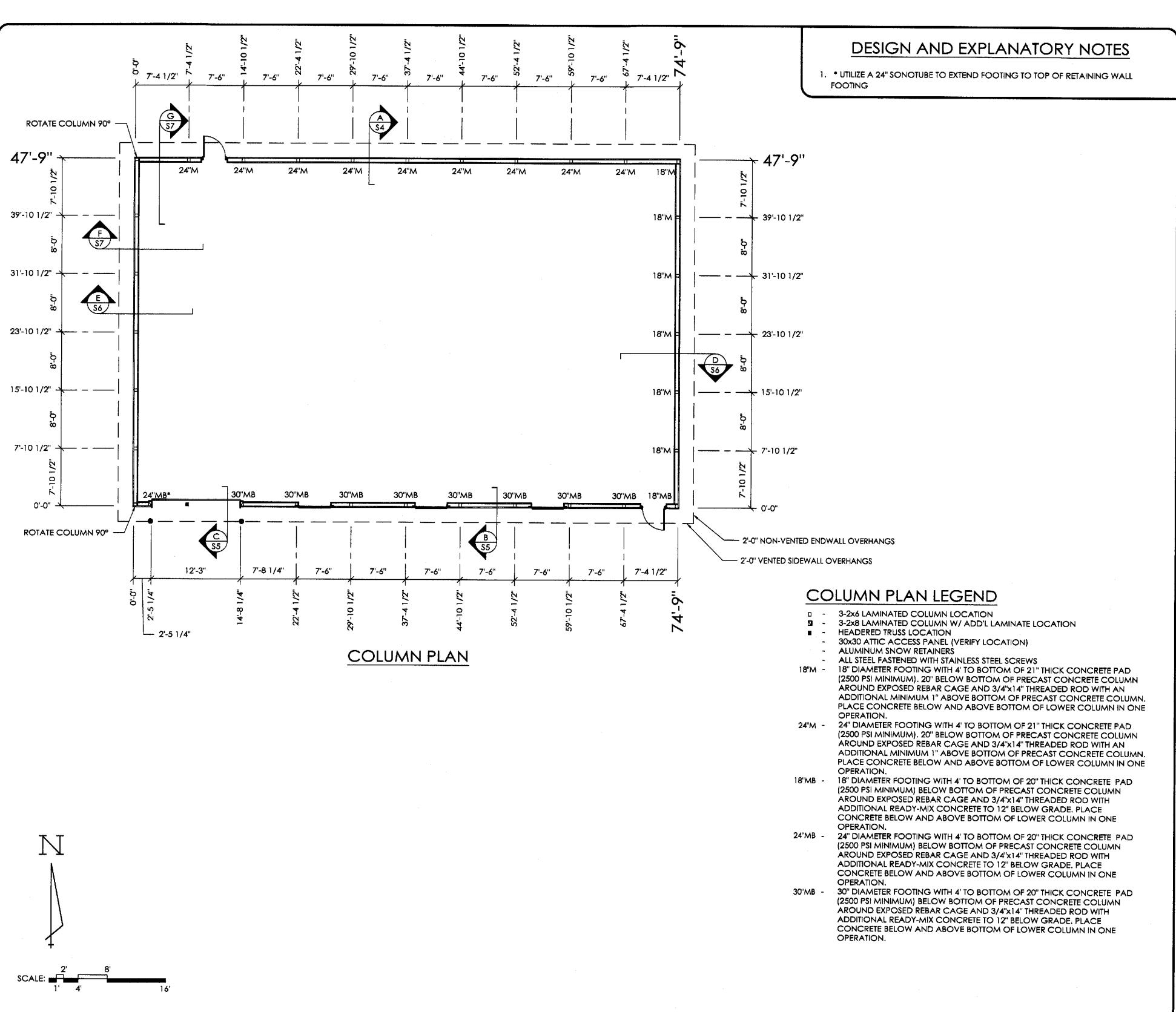
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IXONIA, WI JOB NO.

091-109972

SINEERING GROUP

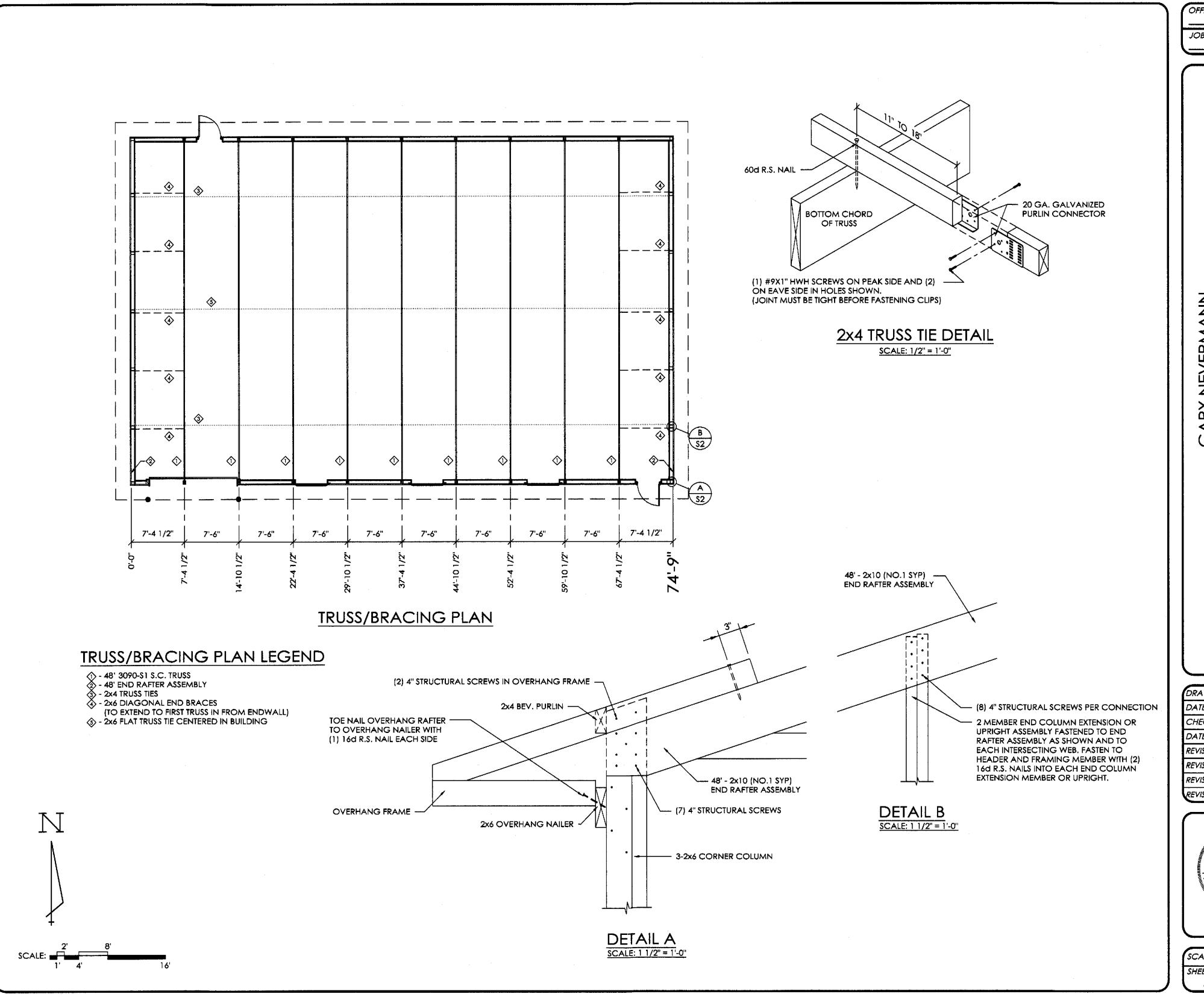
ALLIED DESIGN ARCHITE

GARY NEVERMANN

DRAWN BY: LER DATE: 8/24/2021 CHECKED BY: JMM 9/15/2021 DATE: REVISED DATE: REVISED DATE: REVISED DATE: REVISED DATE: |-



SCALE: AS NOTED SHEET NO: S1



ENGINEERING GROUI

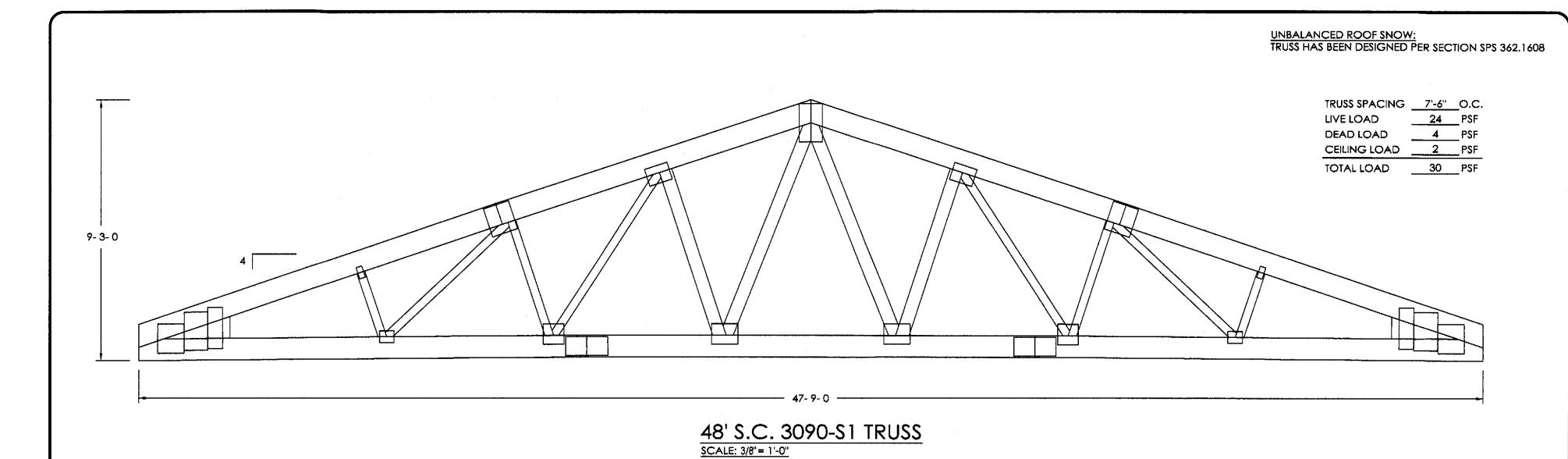
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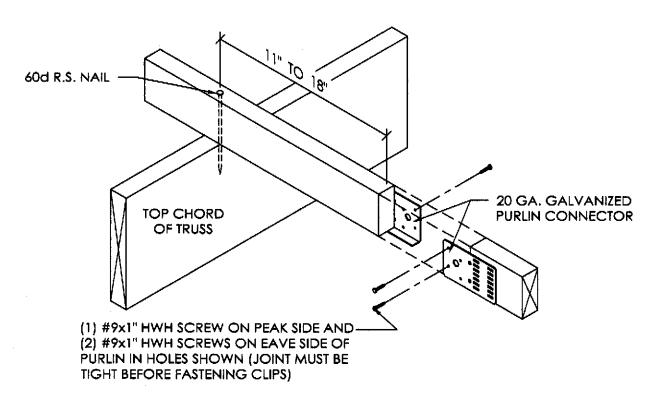
GARY NEVERMANN

DRAWN BY: LER DATE: 8/24/2021 CHECKED BY: JMM DATE: 9/15/2021 REVISED DATE: REVISED DATE: REVISED DATE: REVISED DATE:



SCALE: AS NOTED SHEET NO: \$7





2x4 BUTTED PURLIN DETAIL

(PURLIN CONNECTED WITH 60D R.S. NAIL)

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

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ENGINEERING GROUP, P

ALLIED DESIGN ARCHITECTURA 100 S. PERSHING P.O. BOX 110 MORTON, IL 61 550

GARY NEVERMANN

DRAWN BY: LER
DATE: 8/24/2021
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DATE: 9/15/2021
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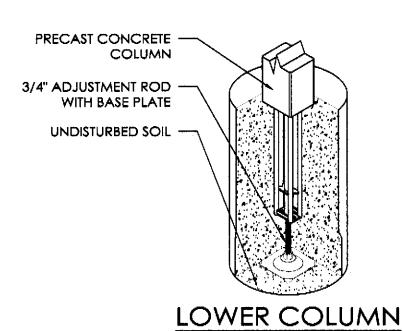


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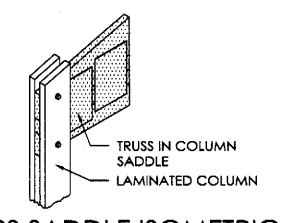
DESIGN AND EXPLANATORY NOTES

- 1. MFS FOOTINGS ARE DESIGNED FOR A 2000 PSF SOIL BEARING CAPACITY. LOCAL CONDITIONS MAY REQUIRE MODIFICATIONS.
- 2. PRIOR TO PLACING THE CONCRETE FOOTINGS, HAND TAMP THE BOTTOM 2"-3" OF LOOSE SOIL TO CONSOLIDATE. IF THE DRILLED HOLE CONTAINS MORE THAN 3" OF LOOSE SOIL, REMOVE EXCESS SOIL TO A UNIFORM THICKNESS OF 2"-3", HAND TAMP AND PROCEED WITH CONCRETE FOOTING PLACEMENT.
- 3. DO NOT PLACE CONCRETE FOOTING THROUGH MORE THAN 3" OF STANDING WATER. IF MORE THAN 3" OF STANDING WATER IS PRESENT IN THE FOOTING HOLE CONTACT THE STRUCTURAL ENGINEER OF RECORD FOR INSTALLATION INSTRUCTIONS.



LOWER COLUMN INSTALLATION

- 1. INSTALL PRECAST CONCRETE
 COLUMN W/ADJUSTMENT ROD &
 BASE PLATE IN THE AUGERED
 HOLE.
- 2. PLUMB PRECAST CONCRETE COLUMN IN BOTH DIRECTIONS
- 3. ADJUST HEIGHT UP OR DOWN WITH ADJUSTMENT HEX ROD
- 4. POUR READI-MIX CONCRETE INTO THE HOLE AS SPECIFIED.
- 5. BACKFILL AND COMPACT THE ANNULAR SPACE AROUND THE COLUMN TO GRADE WITH SOIL AUGERED FROM THE SITE.



TRUSS SADDLE ISOMETRIC

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OFFICE: | IXONIA, WI | JOB NO. | 091-109972

GROUP, P.

NEVERMANN WAUKESHA, WI

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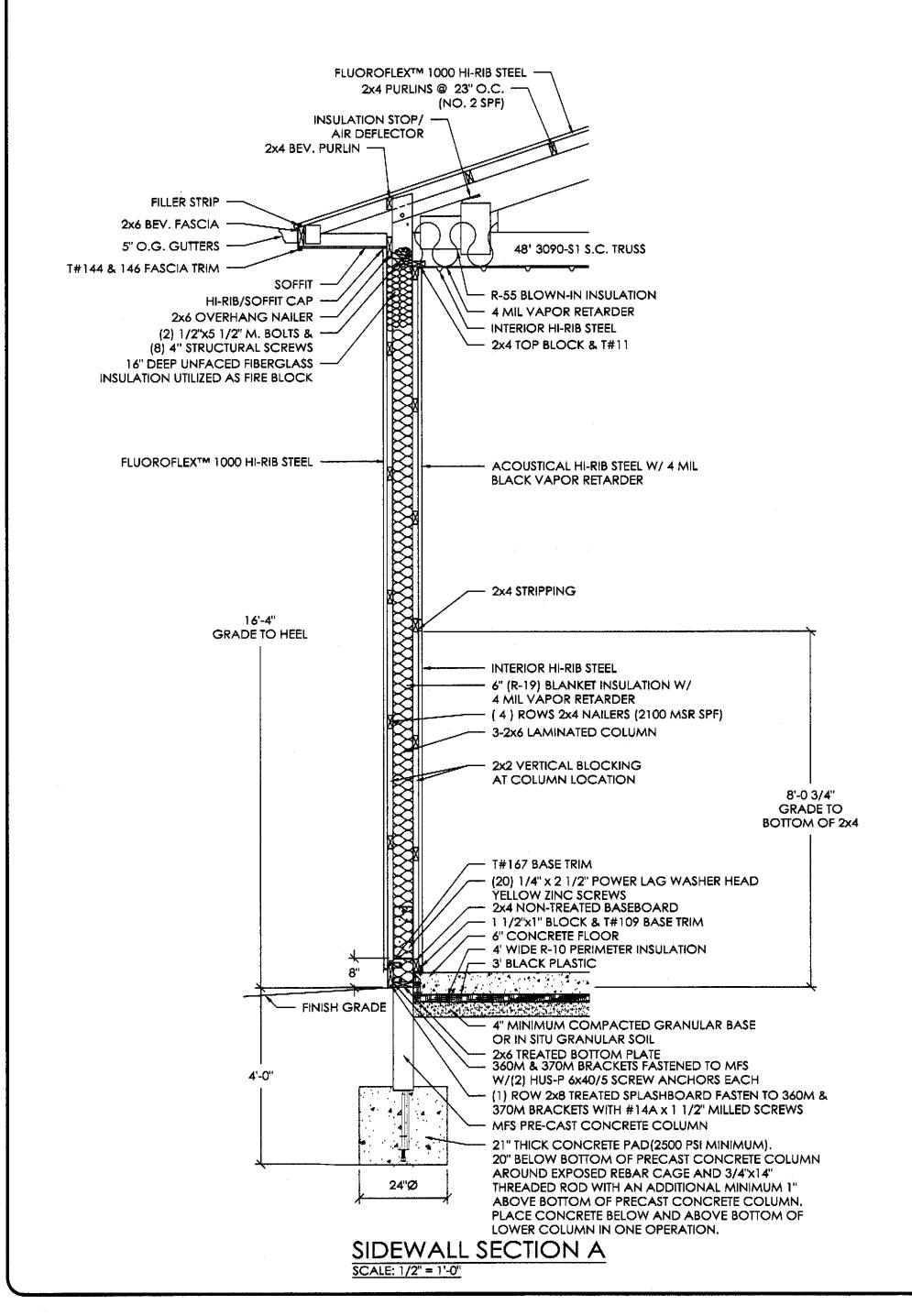
ALLIED DESIGN ARCHITECTURA & ENGINEERING

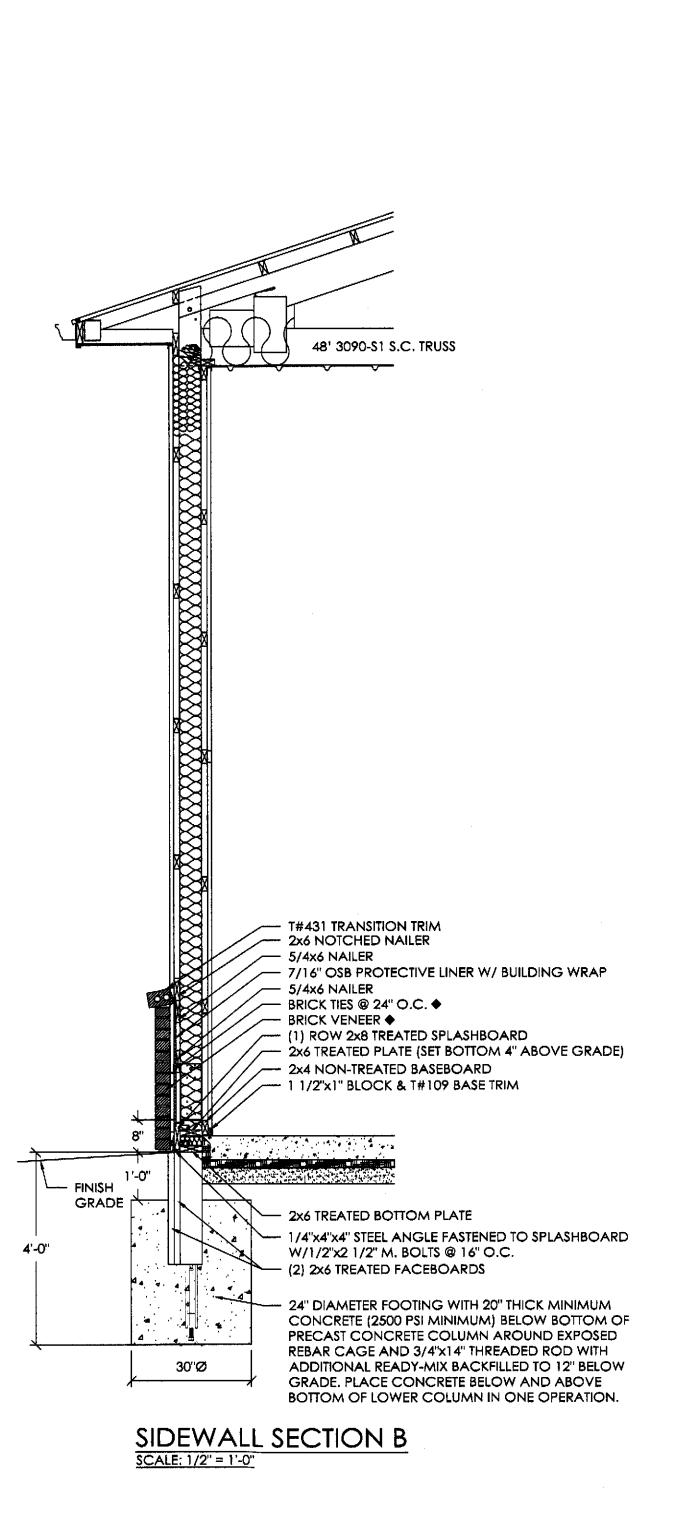
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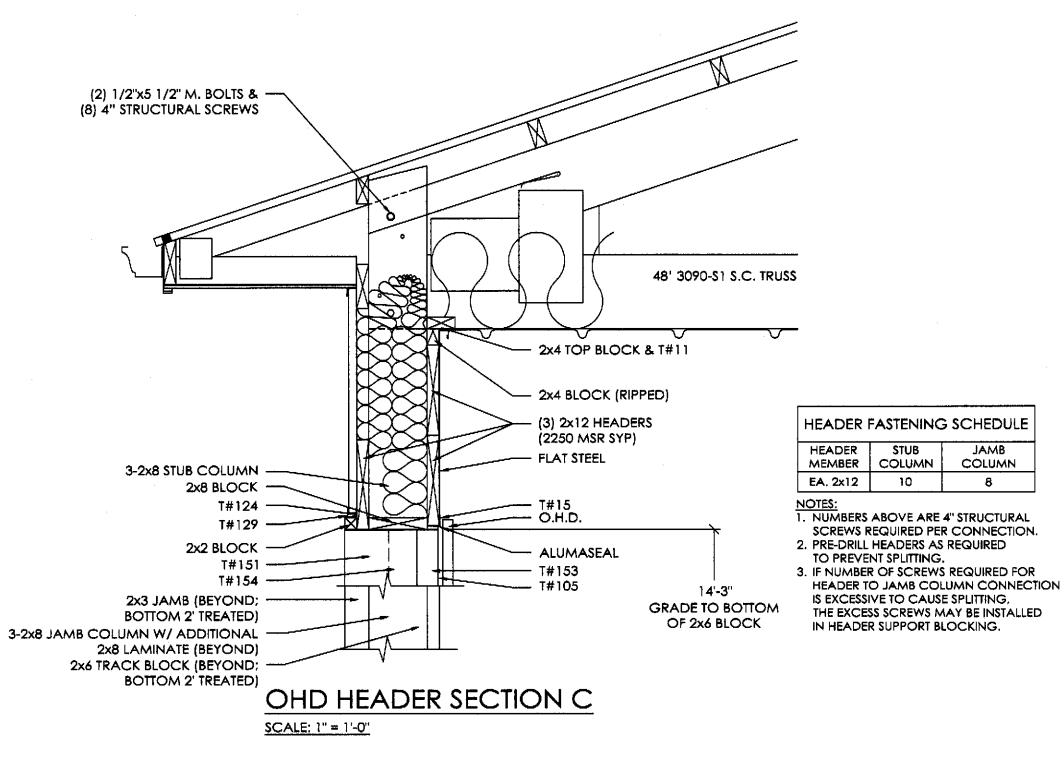


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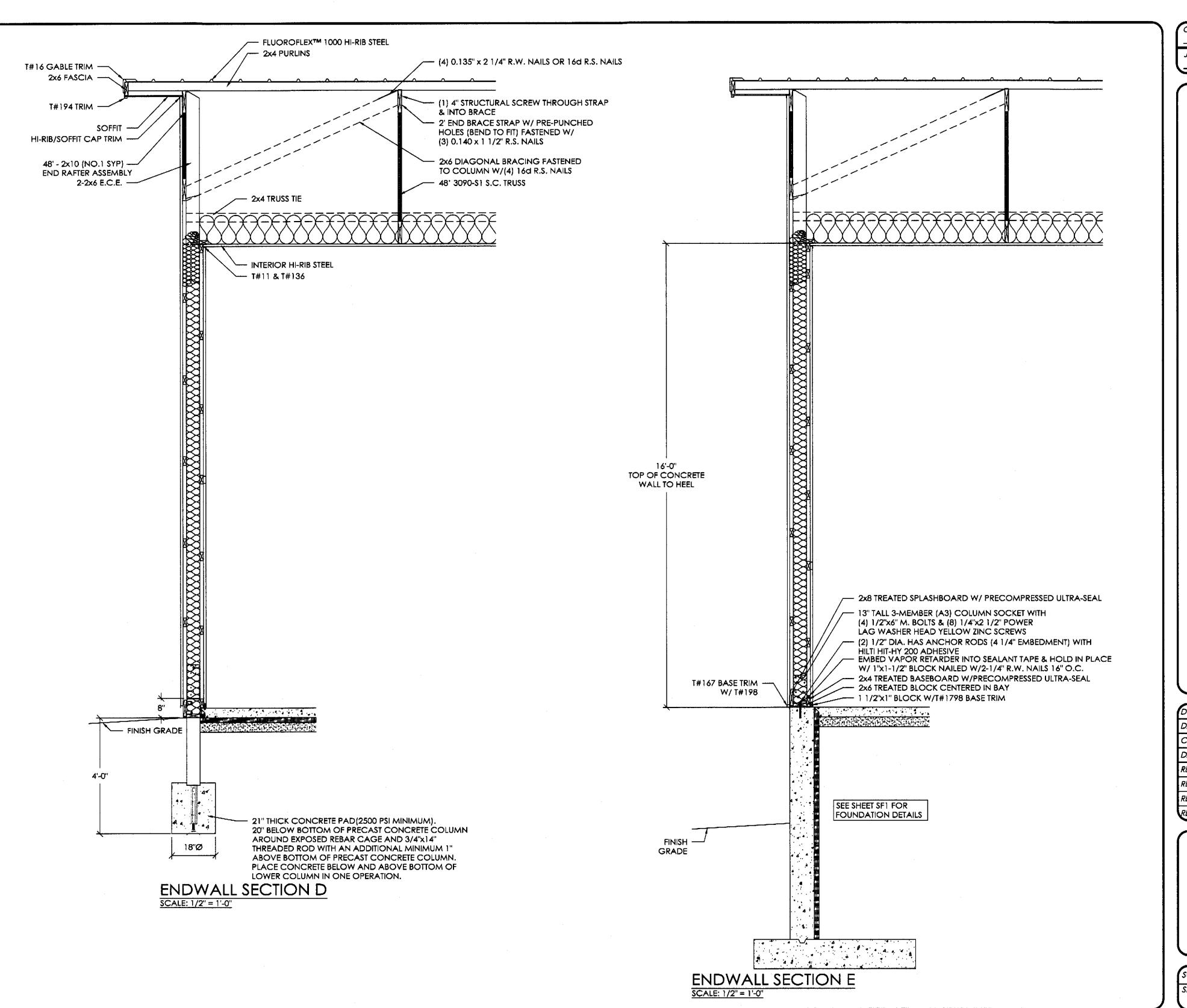
COLUMN

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> GROUF SINEERING

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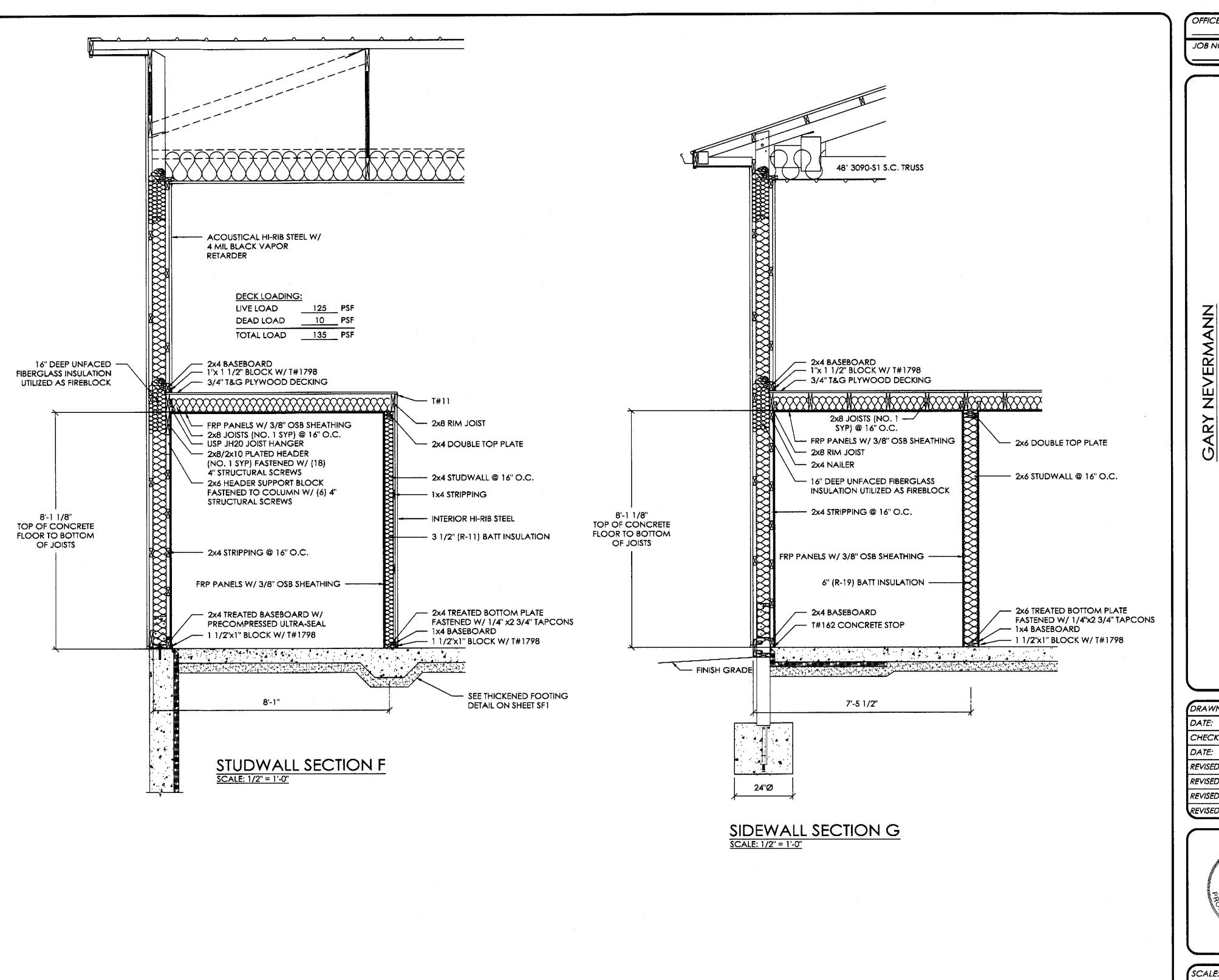
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ALLIED DESIGN ARCHITECTURA & ENGINEERING GRO

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