

APPLICATION FOR ZONING PERMIT
 RACINE COUNTY, WISCONSIN (Rev. 07/22)

PERMIT NO. _____
 DATE PERMIT ISSUED _____

OWNER JEFF HOLTZ 38 LLC
 Mailing Address 360 92ND ST
FRANKSVILLE WI 53126
 City State Zip

APPLICANT Jeff Holtz
 Mailing Address _____

 City State Zip

Phone 414-315-8555

Phone _____

Email economy motors llc@aatt.net

Email _____

Parcel Id. # 010042005066030

Site Address 8125 RACINE AVE

Municipality Norway Section(s) 5 Town 4 North, Range 20 East

Lot — Block — Subdivision Name _____ CSM# _____

Proposed Construction/Use office / service Building

New	<input checked="" type="checkbox"/>	Principal Bldg.	<input checked="" type="checkbox"/>	Size	(<u>60' x 80' + 20' x 20'</u>)	(<u>—</u> x <u>—</u>)
Addition	<input type="checkbox"/>	Accessory	<input type="checkbox"/>	Area (sq ft)	(<u>5200 sq'</u>)	(<u>—</u>)
Alteration	<input type="checkbox"/>	Deck	<input type="checkbox"/>	Peak Ht. (ft.)	<u>27'</u>	100-Yr. Floodplain Elev. <u>—</u>
Conversion	<input type="checkbox"/>	Sign	<input type="checkbox"/>	Eave Ht. (ft.)	<u>16'</u>	Flood Protection Elev. <u>—</u>
Temporary	<input type="checkbox"/>	Other	<input type="checkbox"/>	Building Ht.-Avg. (ft.)	<u>21.5'</u>	

Contractor	<u>WALTERS BUILDINGS</u>	Est. Value w/Labor \$	<u>300,000</u>	ZONING DISTRICT	<u>B-3</u>
Existing Nonconforming?	<u>N/A</u> <input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Structure in Shoreland? (per map)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Mitigation or Buffer Needed?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Structure in Floodplain? (per map)	<input type="checkbox"/>	*Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
*Structure's Fair Market Value \$	<u>—</u>	Cumulative %	<u>—</u>		
*>50% of Fair Market Value?	<u>N/A</u> <input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Structure in Wetland? (per map)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Substandard Lot?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
BOA Variance Needed?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Conditional Use/Site Plan Needed?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Shoreland Contract Needed?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Additional Zoning Permit Stipulations Listed on Back of this Form?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	(If "Yes," see back)

The applicant hereby acknowledges receipt of notice contained herein and certifies that submitted information/ attachments are true and correct to the best of the knowledge and belief of the signer, and that all construction/ use will be done in accordance with the Zoning Ordinance, applicable stipulations, and Wisconsin laws.

BOA/Conditional Use/Site Plan Pd: \$ 475.00
 CC Date/Check#/Cash 1205
 Signature of Owner /Applicant/Agent Jeff Holtz Date 8/20/24

Shoreland Contract Fee Pd: \$ _____
 CC Date/Check#/Cash _____
 Print Name(s) JEFF HOLTZ

Zoning Permit Fee Pd: \$ 850.00
 CC Date/Check#/Cash _____
 Notes (revisions, extensions, etc.) _____

Other: _____ Pd: \$ _____
 if shoreland erosion review fee is included above Zoning Administrator (Staff Initials) JC

Make checks payable to "Racine County Development Services" - Note: ALL FEES ARE NONREFUNDABLE (OVER)

PIN 0100420-05-066030

APPLICATION FOR ZONING PERMIT
 RACINE COUNTY, WISCONSIN (Rev. 07/22)

PERMIT NO. _____
 DATE PERMIT ISSUED _____

OWNER Jeff Holtz 38 LLC
 Mailing Address 360 92nd St.
Franksville WI 53126
 City State Zip

APPLICANT Jeff Holtz
 Mailing Address _____
 City State Zip

Phone 414-315-8555

Phone _____

Email economyrestor11c@aatt.net

Email _____

Parcel Id. # 010042005066030

Site Address 8125 Racine Ave.

Municipality Norway Section(s) 5 Town 4 North, Range 2D East

Lot — Block — Subdivision Name _____ CSM # _____

Proposed Construction/Use Storage building

New	<input checked="" type="checkbox"/>	Principal Bldg.	<input checked="" type="checkbox"/>	Size (<u>60'</u> x <u>80'</u>)	X _____ X _____
Addition	<input type="checkbox"/>	Accessory	<input type="checkbox"/>	Area (sq ft) (<u>4800 sq ft</u>)	(_____) (_____)
Alteration	<input type="checkbox"/>	Deck	<input type="checkbox"/>	Peak Ht. (ft.) <u>27'</u>	100-Yr. Floodplain Elev. _____
Conversion	<input type="checkbox"/>	Sign	<input type="checkbox"/>	Eave Ht. (ft.) <u>16'</u>	Flood Protection Elev. _____
Temporary	<input type="checkbox"/>	Other	<input type="checkbox"/>	Building Ht.-Avg. (ft.) <u>21.5</u>	

Contractor Walters Buildings Est. Value w/Labor \$ 150,000 ZONING DISTRICT B-3

Existing Nonconforming?	N/A <input checked="" type="checkbox"/>	Yes _____ No <input checked="" type="checkbox"/>	Yard Setbacks	Proposed	OK?
Structure in Shoreland? (per map)		Yes _____ No <input checked="" type="checkbox"/>	Street-1 st	<u>+342'</u>	<u>yes</u>
Mitigation or Buffer Needed?		Yes _____ No <input checked="" type="checkbox"/>	Street-2 nd	<u>>700'</u>	<u>yes</u>
Structure in Floodplain? (per map)		*Yes _____ No <input checked="" type="checkbox"/>	Side-1 st	<u>+184'</u>	<u>yes</u>
*Structure's Fair Market Value \$ _____		Cumulative % _____	Side-2 nd	<u>+470'</u>	<u>yes</u>
*>50% of Fair Market Value? N/A <input checked="" type="checkbox"/>		Yes _____ No _____	Rear	<u>N/A</u>	<u>—</u>
Structure in Wetland? (per map)		Yes _____ No <input checked="" type="checkbox"/>	Shore	<u>N/A</u>	<u>—</u>
Substandard Lot?		Yes _____ No <input checked="" type="checkbox"/>	Total Acc. Structures	<u>< allowable ft²</u>	
BOA Variance Needed?		Yes _____ No <input checked="" type="checkbox"/>	Date of Approval	_____	
Conditional Use/Site Plan Needed?		Yes <input checked="" type="checkbox"/> No _____	Date of Approval	_____	
Shoreland Contract Needed?		Yes _____ No <input checked="" type="checkbox"/>	Date of Approval	_____	

Additional Zoning Permit Stipulations Listed on Back of this Form? Yes No _____ (If "Yes," see back)

The applicant hereby acknowledges receipt of notice contained herein and certifies that submitted information/ attachments are true and correct to the best of the knowledge and belief of the signer, and that all construction/ use will be done in accordance with the Zoning Ordinance, applicable stipulations, and Wisconsin laws.

BOA/Conditional Use/Site Plan Pd: \$ 475.00
 CC Date/Check#/Cash 1205
 Signature of Owner /Applicant/Agent _____ Date 8/20/24

Shoreland Contract Fee Pd: \$ _____
 CC Date/Check#/Cash _____
 Print Name(s) JEFF HOLTZ

Zoning Permit Fee Pd: \$ 175.00
 CC Date/Check#/Cash _____
 Notes (revisions, extensions, etc.) _____

Other: _____ Pd: \$ _____
 Jc
 (Staff Initials)

if shoreland erosion review fee is included above Zoning Administrator

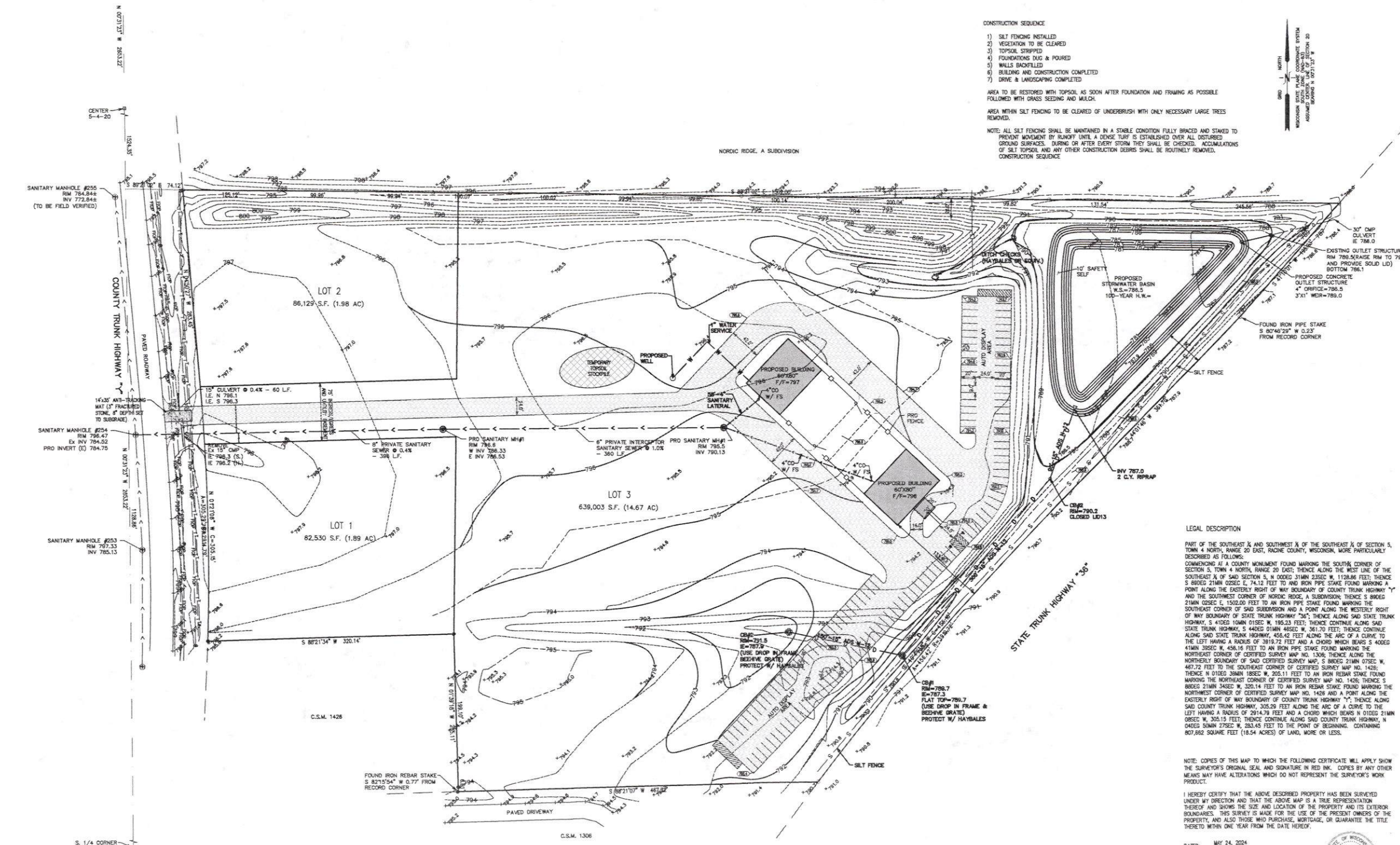
Make checks payable to "Racine County Development Services" - Note: ALL FEES ARE NONREFUNDABLE (OVER)

PIN 0100420-05-066030

- PROPERTY ADDRESS - 8145 RACINE AVE
- PROPOSED LAND USE FOR USED AUTO SALES.
- PROPOSED BUILDINGS (2) 60x80 WALTERS BUILDINGS WITH COLORS OF BLACK AND BRONZE
- APPROXIMATELY 5-7 EMPLOYEES FULL TIME
- HOURS OF OPERATION - 9:00 AM - 6:00 PM
(CLOSED SUNDAY) MONDAY THRU SATURDAY
- CONSTRUCTION START OCTOBER 1, 2024
6-8 MONTHS FOR COMPLETION
- SEWER TO BE HOOKED UP FROM ROAD.,
THIS WILL SERVICE THE 3 PARCELS

PLAT OF SURVEY – SITE, GRADING, DRAINAGE AND EROSION CONTROL PLAN
ECONOMY MOTORS– RACINE AVE (PARCEL # 010-04-20-05-066-030)

LOCATED IN PART OF THE SE 1/4 AND SW 1/4 OF THE SE 1/4 OF SECTION 5, TOWN 4 NORTH, RANGE 20 EAST
 TOWN OF NORWAY, RACINE COUNTY, WISCONSIN



CONSTRUCTION SEQUENCE

- 1) SILT FENCING INSTALLED
- 2) VEGETATION TO BE CLEARED
- 3) TOPSOIL STRIPPED
- 4) FOUNDATIONS DUG & POURED
- 5) WALLS BACKFILLED
- 6) BUILDING AND CONSTRUCTION COMPLETED
- 7) DRIVE & LANDSCAPING COMPLETED

AREA TO BE RESTORED WITH TOPSOIL AS SOON AFTER FOUNDATION AND FRAMING AS POSSIBLE FOLLOWED WITH GRASS SEEDING AND MULCH.

AREA WITHIN SILT FENCING TO BE CLEARED OF UNDERBUSH WITH ONLY NECESSARY LARGE TREES REMOVED.

NOTE: ALL SILT FENCING SHALL BE MAINTAINED IN A STABLE CONDITION FULLY BRACED AND STAKED TO PREVENT MOVEMENT BY WIND OR WATER. A DENSE TURF IS ESTABLISHED OVER ALL DISTURBED GROUND SURFACES. DURING OR AFTER EVERY STORM THEY SHALL BE CHECKED. ACCUMULATIONS OF SILT TOPSOIL AND ANY OTHER CONSTRUCTION DEBRIS SHALL BE ROUTINELY REMOVED.



LEGAL DESCRIPTION

PART OF THE SOUTHEAST 1/4 AND SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 5, TOWN 4 NORTH, RANGE 20 EAST, RACINE COUNTY, WISCONSIN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 COMMENCING AT A COUNTY MONUMENT FOUND MARKING THE SOUTHWEST CORNER OF SECTION 5, TOWN 4 NORTH, RANGE 20 EAST; THENCE ALONG THE WEST LINE OF THE SOUTHEAST 1/4 OF SAID SECTION 5, IN DODED 31MIN 23SEC W, 1128.86 FEET; THENCE S 88DEG 21MIN 02SEC E, 74.12 FEET TO AN IRON PIPE STAKE FOUND MARKING A POINT ALONG THE EASTERN RIGHT OF WAY BOUNDARY OF COUNTY TRUNK HIGHWAY "Y" AND THE SOUTHWEST CORNER OF NORDIC RIDGE, A SUBDIVISION; THENCE S 88DEG 21MIN 02SEC E, 1502.00 FEET TO AN IRON PIPE STAKE FOUND MARKING THE SOUTHWEST CORNER OF SAID SUBDIVISION AND A POINT ALONG THE WESTERN RIGHT OF WAY BOUNDARY OF STATE TRUNK HIGHWAY "W"; THENCE ALONG SAID STATE TRUNK HIGHWAY, S 41DEG 10MIN 01SEC W, 185.23 FEET; THENCE CONTINUE ALONG SAID STATE TRUNK HIGHWAY, S 44DEG 01MIN 48SEC W, 361.70 FEET; THENCE CONTINUE ALONG SAID STATE TRUNK HIGHWAY, 458.42 FEET ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 3819.72 FEET AND A CHORD WHICH BEARS S 40DEG 41MIN 35SEC W, 458.15 FEET TO AN IRON PIPE STAKE FOUND MARKING THE NORTHEAST CORNER OF CERTIFIED SURVEY MAP NO. 1306; THENCE ALONG THE NORTHERLY BOUNDARY OF SAID CERTIFIED SURVEY MAP, S 88DEG 21MIN 02SEC W, 467.72 FEET TO THE SOUTHWEST CORNER OF CERTIFIED SURVEY MAP NO. 1428; THENCE W 01DEG 30MIN 18SEC W, 205.11 FEET TO AN IRON REBAR STAKE FOUND MARKING THE NORTHEAST CORNER OF CERTIFIED SURVEY MAP NO. 1428; THENCE S 88DEG 21MIN 34SEC W, 220.14 FEET TO AN IRON REBAR STAKE FOUND MARKING THE NORTHWEST CORNER OF CERTIFIED SURVEY MAP NO. 1428 AND A POINT ALONG THE EASTERN RIGHT OF WAY BOUNDARY OF COUNTY TRUNK HIGHWAY "Y"; THENCE ALONG SAID COUNTY TRUNK HIGHWAY, 305.29 FEET ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 2914.79 FEET AND A CHORD WHICH BEARS N 02DEG 21MIN 02SEC W, 305.15 FEET; THENCE CONTINUE ALONG SAID COUNTY TRUNK HIGHWAY, N 04DEG 50MIN 27SEC W, 283.45 FEET TO THE POINT OF BEGINNING, CONTAINING 807,882 SQUARE FEET (18.54 ACRES) OF LAND, MORE OR LESS.

NOTE: COPIES OF THIS MAP TO WHICH THE FOLLOWING CERTIFICATE WILL APPLY SHOW THE SURVEYOR'S ORIGINAL SEAL AND SIGNATURE IN RED INK. COPIES BY ANY OTHER MEANS MAY HAVE ALTERATIONS WHICH DO NOT REPRESENT THE SURVEYOR'S WORK PRODUCT.

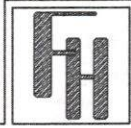
I HEREBY CERTIFY THAT THE ABOVE DESCRIBED PROPERTY HAS BEEN SURVEYED UNDER MY DIRECTION AND THAT THE ABOVE MAP IS A TRUE REPRESENTATION THEREOF AND SHOWS THE SIZE AND LOCATION OF THE PROPERTY AND ITS EXTERIOR BOUNDARIES. THIS SURVEY IS MADE FOR THE USE OF THE PRESENT OWNERS OF THE PROPERTY, AND ALSO THOSE WHO PURCHASE, MORTGAGE, OR GUARANTEE THE TITLE THEREOF WITHIN ONE YEAR FROM THE DATE HEREOF.

DATED: MAY 24, 2024

Christopher A. Hodges
 CHRISTOPHER A. HODGES P.L.S. 5-2760



RECEIVED
 AUG 20 2024
 RACINE COUNTY



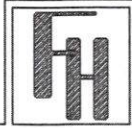
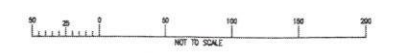
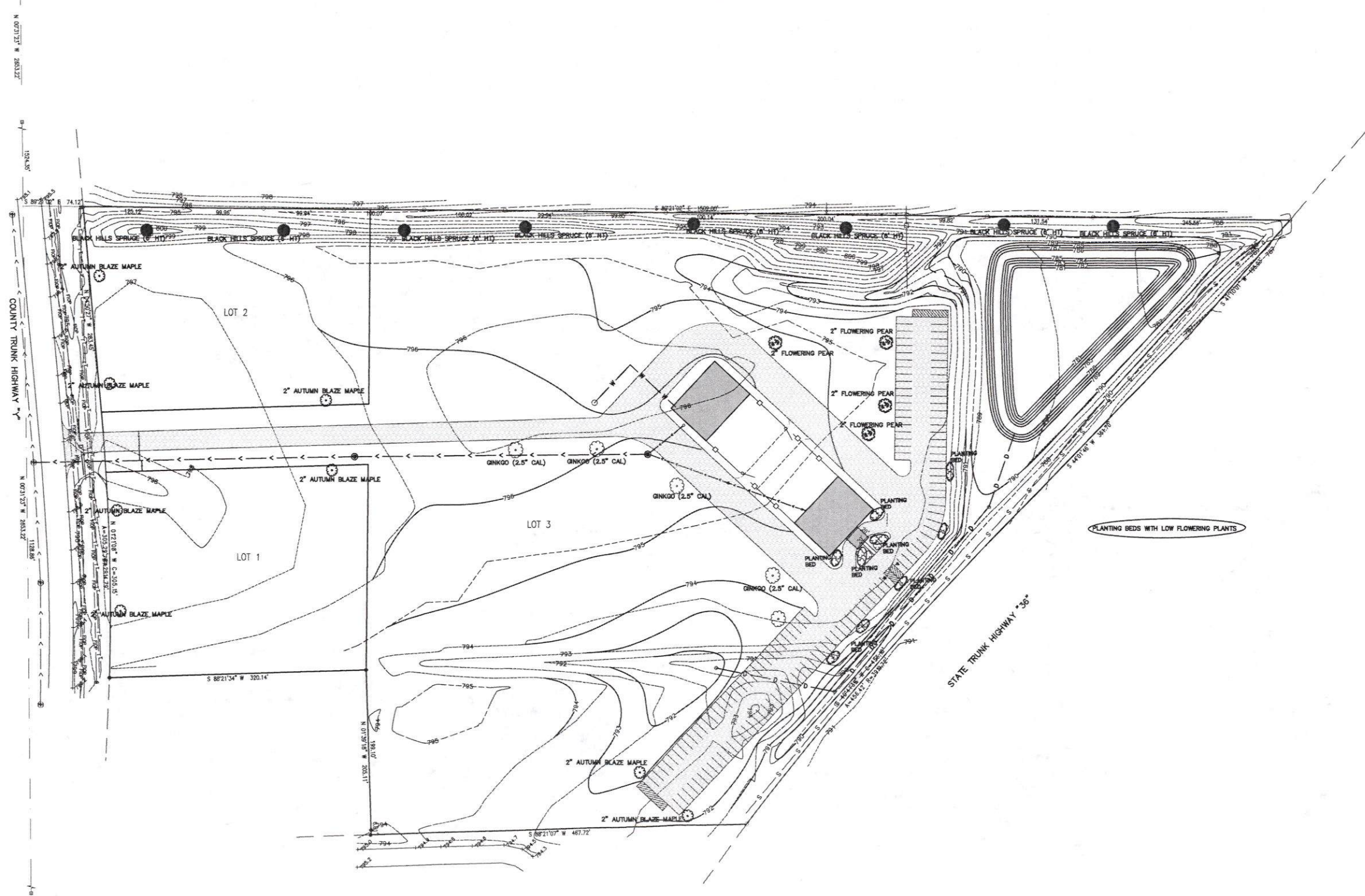
– WORK ORDERED BY –
 ECONOMY MOTORS, LLC
 380 92nd STREET
 FRANKSVILLE, WI 53128

FARRIS, HANSEN & ASSOCIATES, INC.
 ENGINEERING – ARCHITECTURE – SURVEYING
 7 RIDGWAY COURT P.O. BOX 437
 ELKHORN, WISCONSIN 53121
 PHONE: (262) 723-2098 e-mail: office@farrishansen.com

08/27/2024 75' LOT WIDTH/SEWER/PARKING	REVISIONS

PROJECT NO. 10998
DATE 03/22/2024
SHEET NO. 1 OF 1

LANDSCAPE PLAN
ECONOMY MOTORS- RACINE AVE (PARCEL # 010-04-20-05-066-030)
 LOCATED IN PART OF THE SE 1/4 AND SW 1/4 OF THE SE 1/4 OF SECTION 5, TOWN 4 NORTH, RANGE 20 EAST
 TOWN OF NORWAY, RACINE COUNTY, WISCONSIN



— WORK ORDERED BY —
 ECONOMY MOTORS, LLC
 360 92nd STREET
 FRANKSVILLE, WI 53128

FARRIS, HANSEN & ASSOCIATES, INC.
 ENGINEERING — ARCHITECTURE — SURVEYING
 7 RIDGWAY COURT P.O. BOX 437
 ELKHORN, WISCONSIN 53121
 PHONE: (262) 723-2098 e-mail: office@farrishansen.com

REVISIONS	
08/07/2024	75' LOT WIDTH/SEWER/PARKING
08/20/2024	LANDSCAPE PLAN

PROJECT NO.	10998
DATE	03/22/2024
SHEET NO.	1 OF 1

RECEIVED
 AUG 20 2024
 RACINE COUNTY

GENERAL NOTES AND SPECIFICATIONS

GENERAL NOTES

DEVIATION FROM PLANS - Any deviation from these plans shall have been consulted with and documented by the supervising professional.

NON-CONTRACT ITEMS - Items may appear on these plans that are done by others and are not part of the Walters Buildings' contract.

STRUCTURAL PERFORMANCE - Walters Buildings and the Certifying Engineer's responsibility is limited to the structural performance of the post frame shell and listed items. The parties are not acting as the supervising professional of record for onsite supervision of construction, installation, or inspection. Check with local municipality for any special requirements.

SPECIFICATIONS

SITE WORK - The building site shall be graded to provide drainage away from the building. Maintain the grade levels shown on the plan around the building.

FOUNDATION PLACEMENT NOTES - All footings or Sakrete shall be placed on undisturbed virgin soil remaining consistent with the soil bearing capacity as noted in the 'LOADS' Table. If any loose soil is found at footing locations notify engineer at once so adjustments to footings can be made accordingly, as may be necessary.

Column holes are dug per the dimensions shown on the foundation plan (S1) and ready-mix concrete pads or dry concrete pads are poured in place (Note plans for size and type). Additional concrete-mix is poured around the base of the column.

Backfill around columns above footings shall be placed in 8" maximum depth layers and thoroughly compacted. Backfill material shall remain consistent with the presumed lateral soil pressure noted in the 'LOADS'. Typical soil types meeting the requirements include firm sand and loose sandy gravel. Backfill of excavated holes in soil around wood columns may be made with concrete at contractors option.

Foundations shall not be placed prior to confirmation of the soil type at a depth of 5 feet below the bottom of the footing.

CONCRETE (if applicable) - Concrete placement shall be in accordance with ACI 318-14.

Design mixes shall be obtained from the following:

- Strength to be a minimum of 3000 PSI at 28 days for walls and footings.
- Strength to be a minimum of 3500 PSI at 28 days for floor slabs.
- Slump not to exceed 4 inches.

REINFORCING STEEL (if applicable) - Reinforcing steel shall be placed in accordance with CRSI Standards.

Steel reinforcing shall meet the requirements of the "Standard Specifications" for:
 1. Billet-Steel Concrete Reinforcing Bars Grade 60 (ASTM designation A-615).
 2. All steel bars shall meet the requirements of ASTM designation A-615. All welded wire mesh for concrete reinforcement shall meet the requirement shall meet the requirements set forth in Standard Specification (ASTM designation A-185). The reinforcement shall not be painted and must be free from grease, dirt or deep rust when placed in the work. To prevent rust, the material must be protected from moisture. The reinforcement shall be protected by the proper thickness of concrete.

Where not otherwise shown, the thickness of concrete over the reinforcement shall be:
 1. Where concrete is deposited against the ground without the use of forms, the thickness of concrete shall not be less than 3 inches.
 2. Where concrete is exposed to weather, the thickness of concrete shall not be less than 1 1/2 inches.
 3. In columns or pedestals not exposed to weather or ground, the thickness of concrete shall not be less than 1 1/2 inches.

ANCHOR BOLTS (if applicable) - The contractor shall set all anchor bolts to receive the building. The bolts shall be the size as shown or required. They may be drilled into place as allowed.

STRUCTURAL LAMINATED COLUMNS - The No. 2 or better southern yellow pine S4S structural columns used in this Walters Building shall consist of a 3 or more members sized as shown on the plans, steel plate laminated, and designed to meet the structural load requirements. Column lumber is kiln-dried to a 19% moisture content.

The members for use in contact with the soil shall be pressure treated to a retention of 0.8 pounds of Copper Chromate Arsenate Type C, oxide type formulation, as listed in American Wood Preservers Assoc. Standard U1. The treatment process shall be as described in the current AWWPA Standard U1 Commodity Specification A, Use Category 4B.

Splices in columns shall conform to Jack Walters & Sons Corp. Standard details and the columns shall bear a permanent Jack Walters & Sons Corp. stamp in a visible location. Wisconsin DILHR Material Approval No. 201610-W.

SPLASHBOARDS - Splashboards are #4S #2 or better Southern Pine, pressure treated to a net retention of 0.15 pounds per cubic foot with MCA copper based treatment. Approved for G-90 galvanized protected connectors and for aluminum contact. Building code compliant - ESR #2240. One row is furnished for building on a level grade.

FRAMING - Side girts are 2" x 6" S4S 1650 MSR or better Spruce Pine Fir spaced approximately 32" o.c. with all joints staggered at attachment to columns. Roof purlins are 2" x 4" S4S 1650 MSR or better Spruce Pine Fir spaced on edge approximately 24" o.c. All other framing lumber is standard grade or better.

All wood design shall conform to ANSI/APA NDS-2015.

WALL BRACING - 2" x 6" bracing in all unobstructed corners. 2" x 4" lateral truss ties and 2" x 6" end bracing as shown on plans.

STRUCTURAL STEEL (if applicable) - Design shall conform to the latest AISC Specifications.

SIDING PANELS - Structural Steel Grade 80 with G-90 Sheet, pretreatment, urethane primer, and Modified silicon polyester topcoat. Conforms to ASTM A 653.

ROOFING PANELS - Structural Steel Grade 80 with G-90 Sheet, pretreatment, urethane primer, and Modified silicon polyester topcoat. Conforms to ASTM A 653.

TRIM - Die formed trim of Structural Steel Grade 80 with G-90 Sheet, pretreatment, urethane primer, and Modified silicon polyester topcoat on gables, ridges, corners, base, windows and doors.

WALL FINISHES - Exterior cracks, joints, and holes in the buildings envelope are caulked, gasketed, weatherstripped, or otherwise sealed. Interior finish of walls & ceiling shall have a flame spread rating of less than 200. Interior finish Class III Rating - flame spread rating less than 200 and smoke development rating of less than 450.

MASONRY WORK (if applicable) - All masonry work shall be performed by skilled workmen in a competent manner. Joints shall be clean, straight, plumb, level and uniform. Chipped, cracked and broken units shall not be used. Transverse reinforcing shall be used every second course of all masonry block walls. Provide three solid courses for bearing. "Dur-O-Wall" shall be standard weight. Lap all reinforcements 8 inches. All masonry shall conform to ACI 530-11/ASCE 5-11/TMS 402-11.

FIRE WALL NON COMBUSTIBLE PENETRATIONS (if applicable) - shall be tested in accordance with ASTM E119 as part of fire resistance rated assembly or shall be protected by an approved through penetration fire stop system. Combustible penetrations - combustible pipes etc., shall be tested in accordance with ASTM E119 or shall be protected by an approved through penetration fire stop system. Fire dampers - any dampers through fire walls need a three-hour rating.

SOUND & INSULATION - Exposed insulation shall have a flame spread rating of 25 or less and smoke development rating of 450 or less. Concealed shall have a flame spread rating of 75 or less and a smoke development rating of 450 or less. Vapor retarder shall be installed to the warm side of the insulation.

ROOF TRUSSES - Factory assembled with 16 or 20 gauge galvanized steel Eagle truss plates as required and graded kiln dried lumber as specified. In-plant quality control inspection is conducted under the auspices of the Truss Plate Institute. Trusses are designed with current standards and specifications for the stated loading.

TRUSS BRACING - All wood members must be properly braced until the complete structural system has been completed. Erection bracing is supplied by the erection contractor. The contractor must refer to TPI publication BCSI-B10 POST FRAME SUMMARY SHEET, "POST FRAME TRUSS INSTALLATION & TEMPORARY RESTRAINT / BRACING" for erection, handling and bracing guidance.

Refer to the truss detail for permanent lateral bracing requirements. All lateral bracing specified on the truss detail are intended to provide lateral restraint for individual truss members only. Additional permanent structural bracing specified on the drawings is supplied with the building package and must be installed as shown.

ATTIC DRAFTSTOPS (if applicable) - Maintain attic draft stops every 3,000 sq. ft. for enclosed attic spaces. Minimum attic access opening is 20"x30".

SKYLIGHTS (if applicable) - 0.06" nominal translucent FRP Alysinter/Structoglas Building Panel. These panels are used as exterior eave/light, skylight or roof panel applications.

HEATING AND VENTILATING (if applicable) - All work shall be done in strict accordance with state and local codes. Others shall submit separate plans and calculations for approval.

ELECTRICAL (if applicable) - All work shall be done in strict accordance with state and local codes. Electrical work is not part of this plan.

PLUMBING (if applicable) - All work shall be done in strict accordance with state and local codes. Provide thermal protection (insulation) of pipes under lavatory. Plumbing work is not part of this plan.

DRINKING FACILITIES (if applicable) - Drinking facilities (not in toilet rooms) must be provided in all public buildings.

FASTENING SCHEDULE

FLOOR CONSTRUCTION		
Build-up Girders & Beams	2x4 common	3/2" o.c. direct
Bridging to Joists	2x4 common	2 ea. direct end
Floor Joists to Studs	1x4 common	5 direct or 3 direct
Floor Joists to Studs (W/celling joist)	1x4 common	2 direct
Floor Joists to Sill or Girder	2x4 common	3 toe nail
Ledger Strip	1x4 common	3 ea. direct joist
1" subflooring (6" or less)	2x4 common	2 ea. direct joist
1" subflooring (8" or more)	2x4 common	3 ea. direct joist
2" subflooring	2x4 common	2 ea. direct joist
Particleboard Underlayment (1/4"-3/4")	6d annular threaded	6" o.c. direct edges & 12" o.c. intermediate

WOOD STRUCTURAL PANEL SUBFLOORING		
1/2" or less	6d common or 6d annular/spiral thread	6" o.c. direct edges & 12" o.c. intermediate
19/32" - 3/4"	8d common or 6d annular/spiral thread	6" o.c. direct edges & 12" o.c. intermediate
7/8" - 1-1/8"	10d common or 8d ring shank	6" o.c. direct edges
1/2" or less	16ga galvanized wire staples	6" o.c. intermediate
19/32, 5/8"	3/8" min. crown, 1-5/8" length	2-1/2" o.c. edges & 4" o.c. intermediate

WALL CONSTRUCTION		
Stud to sole plate	16d common	2 toe nail
Stud to cap plate	16d common	2 toe nail or 2 direct nail
Double studs	16d common	2 ea. direct
Corner studs	16d common	2 ea. direct
Sole plate to joint or blocking	16d common	16" o.c.
Interior-braced wall sole plate-parallel joint	12" o.c.	
Double cap plate	10d common	16" o.c. direct nail
Cap plate laps	10d common	2 direct nail
Ribbon strip, 6" or less	10d common	2 ea. direct bearing
Ribbon strip, 6" or more	10d common	3 ea. direct bearing
Diagonal brace (to stud & plate)	8d common	2 ea. direct bearing
Interior-braced wall top plate-joint/blocking	10d common	12" o.c.
Nail beams to headers (nailing permitted)	20d common	1 ea. end 4 sq. ft. floor area
Header beams to trimmers (nailing permitted)	20d common	1 ea. end 8 sq. ft. floor area
Continuous header to stud	8d common	4 toe nail
Continuous header, two pieces	16d common	16" o.c. direct

ROOF & CEILING CONSTRUCTION		
Ceiling joists to plate	16d common	3 toe nail
Ceiling joists (laps over partition)	10d common	3 direct nail
Ceiling joists (parallel to rafter)	10d common	3 direct nail
Collar beam	10d common	3 direct
Rafter to plate	8d common	3 toe nail
Rafter to ridge	16d common	2 toe nail or direct nail
Jack rafter to hip	16d common	3 toe nail
1" roof decking (6" width or less)	8d common	2 ea. direct rafter
1" roof decking (over 6" width)	8d common	3 ea. direct rafter

WALL & ROOF SHEATHING		
1" wall sheathing (6")	8d common	2 ea. direct stud
1" wall sheathing (over 6" width)	8d common	3 ea. direct stud
1/2" fiberboard sheathing	1-1/2" GV roofing nail or 6d common or 16ga staple, 1-1/8" w/min. crown of 7/16"	3" o.c. exterior edge, 6" o.c. intermediate
25/32" fiberboard sheathing	1-3/4" GV roofing nail or 8d common or 16ga staple, 1-1/2" w/min. crown of 7/16"	3" o.c. exterior edge, 6" o.c. intermediate
Gypsum sheathing	12ga 1-1/4" large head, corrosion resistant	4" o.c. on edge, 8" o.c. intermediate
Gypsum sheathing (seismic tracing)	11ga 1-3/4" long 7/16" head	4" o.c. all bearing points
Particleboard wall sheathing (1/2" or less)	6d common	6" o.c. direct edges & 12" o.c. intermediate
Particleboard wall sheathing (5/8" or less)	8d common	6" o.c. direct edges & 12" o.c. intermediate

WOOD STRUCTURAL PANEL ROOF & WALL SHEATHING		
1/2" or less	6d common (walls); 8d common (roofs)	6" o.c. direct edges & 12" o.c. intermediate
19/32" - 1"	8d common	6" o.c. direct edges & 12" o.c. intermediate
1" or greater	10d common	6" o.c. direct edges & 12" o.c. intermediate
1/2" or less	16ga GV wire staples	4" o.c. edges & 8" o.c. intermediate
19/32", 5/8"	same as immediately above	2-1/2" o.c. edges & 5" o.c. intermediate
Shingles	#14 B&S ga corrosion resistant	2 ea. bearing
Weatherboarding	8d corrosion resistant	2 ea. bearing

Note A: Single nails shall penetrate not less than 3/4" into nailing strips, sheathing or supporting construction except as otherwise provided for in Section 1507.0.
 Note B: For regions having a basic wind speed of 90 mph or greater where the main roof height is less than 25 ft. and for regions having basic wind speed of 80 mph or less, nails which attach wood structural panel roof sheathing to gable end wall framing shall be spaced 6" o.c. Where basic wind speed is greater than 80 mph, nails which attach panel roof sheathing to intermediate supports shall be spaced 6" o.c. of a minimum of a 48" distance from ridges, eaves & gable end walls; & 4" o.c. to gable end wall framing.

Note C: For regions having a basic wind speed of 90 mph greater, 8d deformed shank nails shall be utilized to attach wood structural panel roof sheathing to framing within a minimum 48" distance from gable end walls provided the main roof height is between 25' and 35'. For roof heights greater than 35' in a 90 mph or greater wind region, attachment of wood structural panel roof sheathing shall be designed for the wind loads in Section 1609.0.

Note D: Nails shall be spaced 6" o.c. direct to panel edges and 6" o.c. to intermediate supports where panel spans are 48" o.c. or greater.
 Note E: 1" = 25.4mm, 1' = 304.8mm.

ABBREVIATIONS

ABV	Above	F.D.	Floor Drain
AFF	Above Finish Floor	F.E.	Fire Extinguisher
BBP	Blocking Between Purlins	F.O.	Framed Opening
BOT	Bottom	FT	Feet
BRG	Bearing	GA	Gage, Gauge
B.S.	Both Sides	GTE	Grade to Eave
c	Centerline	GTH	Grade to Heel
CFT	Cubic Foot	GV	Galvanized
C.H.	Ceiling Height	N.	Inch
CLOS	Closet	PL	Property Line
COM	Common	PSF	Pounds per Square Foot
CMU	Concrete Masonry Unit	PSI	Pounds per Square Inch
d	Penny	P.T.	Pressure Treated
DBL	Double	R.C.	Raised Chord
Ea.	Each	R.O.	Rough Opening
E.E.	Each End	R.O.W.	Right of Way
E.F.	Each Face	S.C.	Straight Chord
E.W.	Each Way	STP	Steel Transfer Plate
LAM.	Laminated	T&G	Tongue & Groove
L.A.V.	Lavatory	T.O.G.	Top of Ledger
MIL.	Millimeter(s)	T.O.W.	Top of Wall
NBW	Not By Walters Buildings	T.O.C.	Top of Concrete
N.T.S.	Not To Scale	T.O.F.	Top of Floor
O.C.	On Center(s)	TYP	Typical(y)
O.C.E.W.	On Center Each Way	TRTD	Treated
OHD	Overhead Door	WH	Water Heater
O/O	Out to Out	WWM	Welded Wire Mesh



PROJECT NAME & LOCATION

JEFF HOLTZ LLC. 8125 RACINE AVE.
WIND LAKE, WI 53185

PROJECT LOAD SUMMARY

International Building Code 2015	
RISK CATEGORY II	
SNOW	
Pf=0.7*Ce*Cl*I*Pg	
P= Cs*Pf	
Ground Snow Load (Pg):	30 PSF
Snow Exposure Factor (Ce):	1.0
Thermal Factor (Cl):	1.10
Importance Factor (I):	1.0
Flat Roof Snow Load (Pf):	23.1 PSF
Slope Factor (Cs):	1.00
Sloped Roof Snow Load (Ps):	23.1 PSF
Unbalanced Snow Load:	SPS 362.1608 26 PSF
Distance From Peak:	NA
Snow Load Used:	25 PSF

WIND	
Ultimate Wind Speed:	115
Nominal Wind Speed Conversion Factor:	√(0.6)
Nominal Wind Speed:	89.1 mph
Exposure Category:	C
Qz = 0.0025*Kz*Kzt*Kd*(V^2)	
P = Qz[(GCp)-(GCpi)]	
Kzt:	1.00
Kz:	0.92
Kd:	0.85
Qz (Velocity Pressure):	16 PSF
Gcpi:	+0.18 / -0.18
WIND LOAD USED (P):	16 PSF
MWFRS L<= 60ft	

SEISMIC	
Ss (Mapped Spectral Response Acceleration 0.2 Sec):	9.5
S1 (Mapped Spectral Response Acceleration 1.0 Sec):	4.9
Sds:	0.101
SD1:	0.078
Seismic Importance Factor:	1.0
Seismic Design Category:	B
Site Class:	D
Basic Structural & Seismic Restraint System = Light Framed Walls w/ Stone Panels	
Seismic Base Shear:	1251 #
Cs (Seismic Response Coefficient):	0.014
R (Response Modification Factor):	7.0
Using Equivalent Lateral Force Procedure	
SOILS	
Presumed Soil Bearing Capacity:	2000 PSF
Presumed Lateral Soil Pressure:	150 PSF
Total Load:	
Roof Live Load (reducible):	35 PSF
Equipment Platform Floor Load:	20 PSF

Walters Buildings

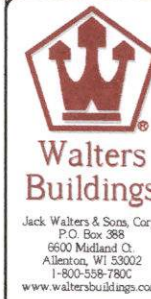
Jack Walters & Sons, Corp.
P.O. Box 388
6600 Midland Ct.
Allenton, WI 53002
1-800-558-7800
www.waltersbuildings.com

PROJECT CODE SUMMARY

CONSTRUCTION TYPE:		VB
Risk Category:		II
Use Group Classification:		S-1/B
NON-SPRINKLERED		
Tabular Allowable Area:		9000 sq ft
Frontage Increase:	0.75	
Total Allowable Area:		12000 sq ft
Allowable Height:		40 ft
Allowable Stories:	1	
Proposed Building Area:		4800 sq ft
OCCUPANT LOAD		
Office/Showroom = 1497 / 100gross = 14.97		
Shop = 2929 / 500gross = 5.858		
Utility Room = 87 / 500gross = 0.174		
TOTAL OCCUPANT LOAD = 22		

SHEET INDEX

G1 GENERAL SPECIFICATIONS
A1,A1.1 ELEVATIONS
A2 FLOOR PLAN
S0 CONCRETE PLAN
S0.1 CONCRETE DETAILS
S1 COLUMN PLAN
S2 FRAMING PLAN
S2.1 JOIST PLAN
S3-S7 SECTIONS
SITE SITE PLAN



OWNER NAME
JEFF HOLTZ LLC.

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FRANKSVILLE, WI 53126

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60x80' BUILDING

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8125 RACINE AVE.
WIND LAKE, WI 53185

SALES REP / DEALER
JOSH OBERT

DRAFTER
DAVID M.

ESTIMATOR
JACOB R.

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SCALE
AS NOTED

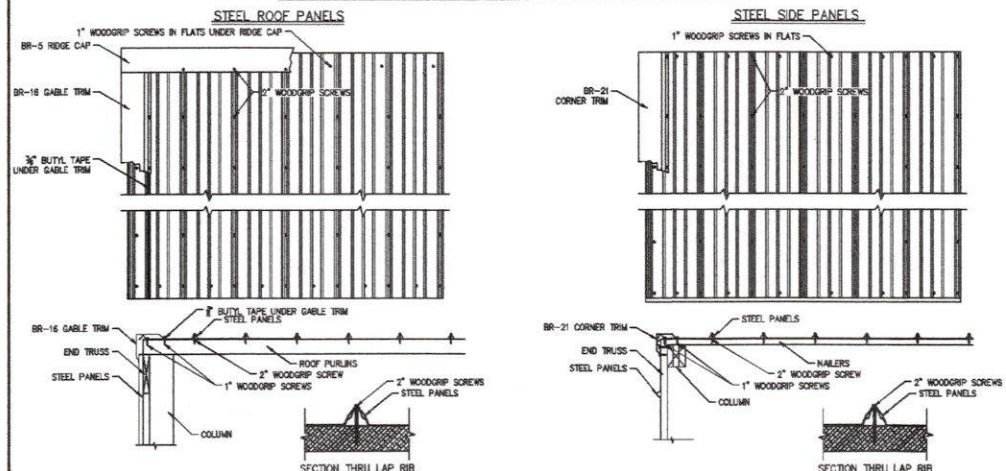
ENGINEER
CAYNEN K.

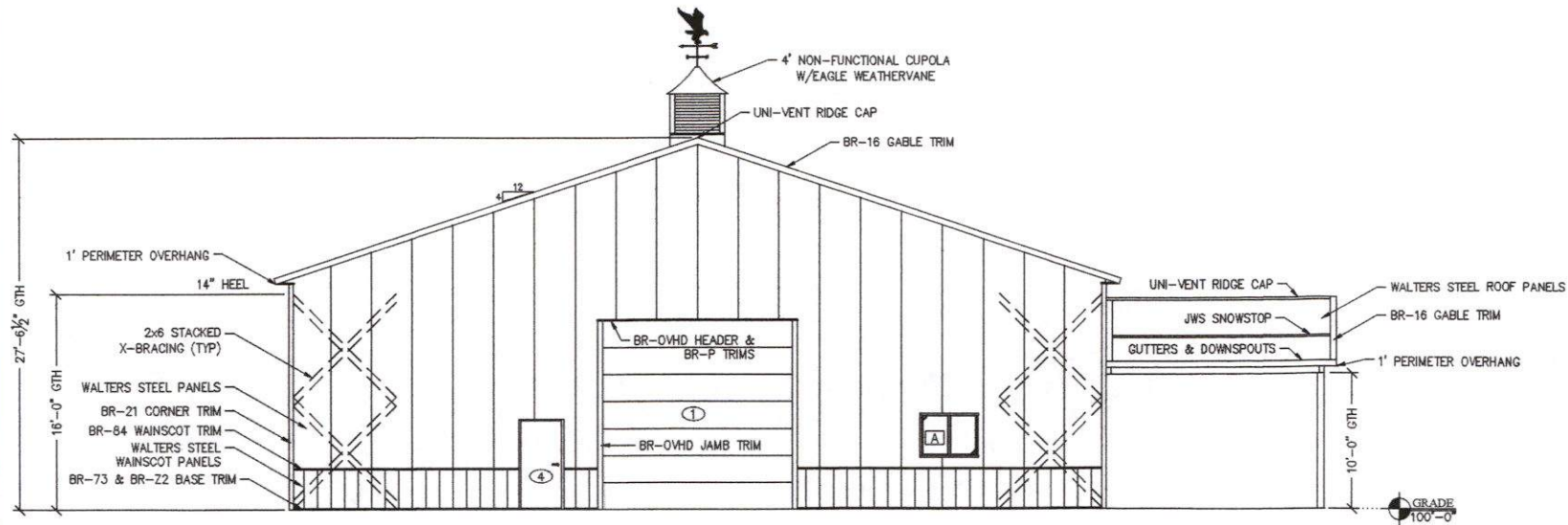
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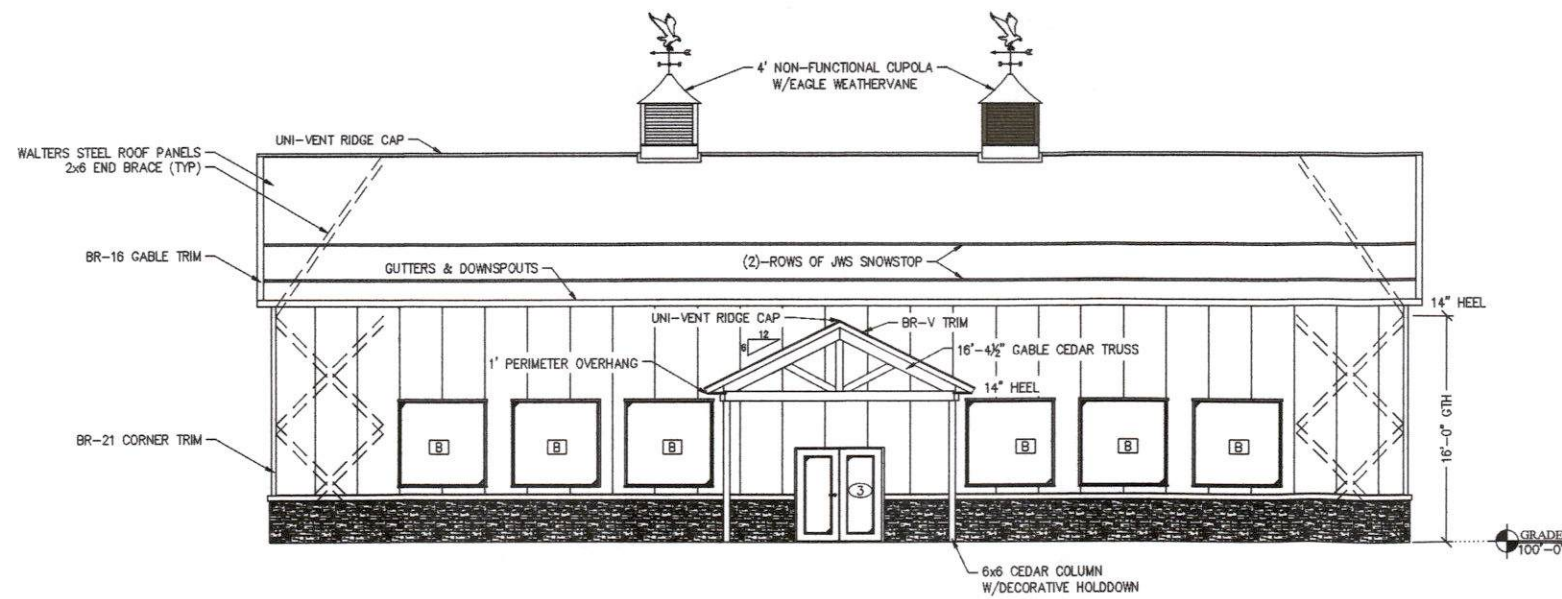
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STEEL PANEL SCREWING PATTERN



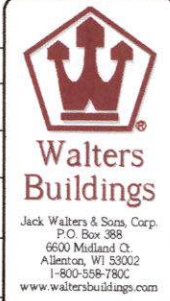
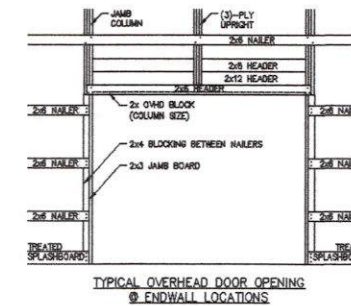


1 SOUTHWEST END ELEVATION
A1 SCALE: 1/8" = 1'-0"



2 SOUTHEAST SIDE ELEVATION
A1 SCALE: 1/8" = 1'-0"

DOOR & WINDOW SCHEDULE			
TAG	TYPE	ROUGH OPENING W x H	QUANTITY
①	14'x14' HAAS MODEL 712 (R-13.6) INSULATED OVERHEAD DOOR (U-VALUE=.221)	14' x 14'	3
②	10'x8' SINGLE INSIDE RIGHT SLIDING DOOR	9'-7½" x 8'-0"	1
③	6'x6'-8" THERMAL BREAK FULL VUE DOUBLE WALK DOOR W/INTERCONNECTING LEVERSET & DEADBOLT (U-VALUE=.24)	78½" x 82½"	1
④	3'x6'-8" THERMAL BREAK WALKDOOR W/INTERCONNECTING LEVERSET & DEADBOLT (U-VALUE=.24)	40½" x 82½"	3
⑤	FLUSH STEEL WALKDOOR (U-VALUE=.24)	FIELD VERIFY	4
A	4'x3' WINDGATE SLIDING WINDOW W/SCREEN (U-VALUE=.29)	FIELD VERIFY	1
B	6'x6' WINDGATE CASEMENT PICTURE WINDOW (U-VALUE=.29)	FIELD VERIFY	6



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PROJECT NAME
60'x80' BUILDING

PROJECT ADDRESS
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WIND LAKE, WI
53185

SALES REP / DEALER
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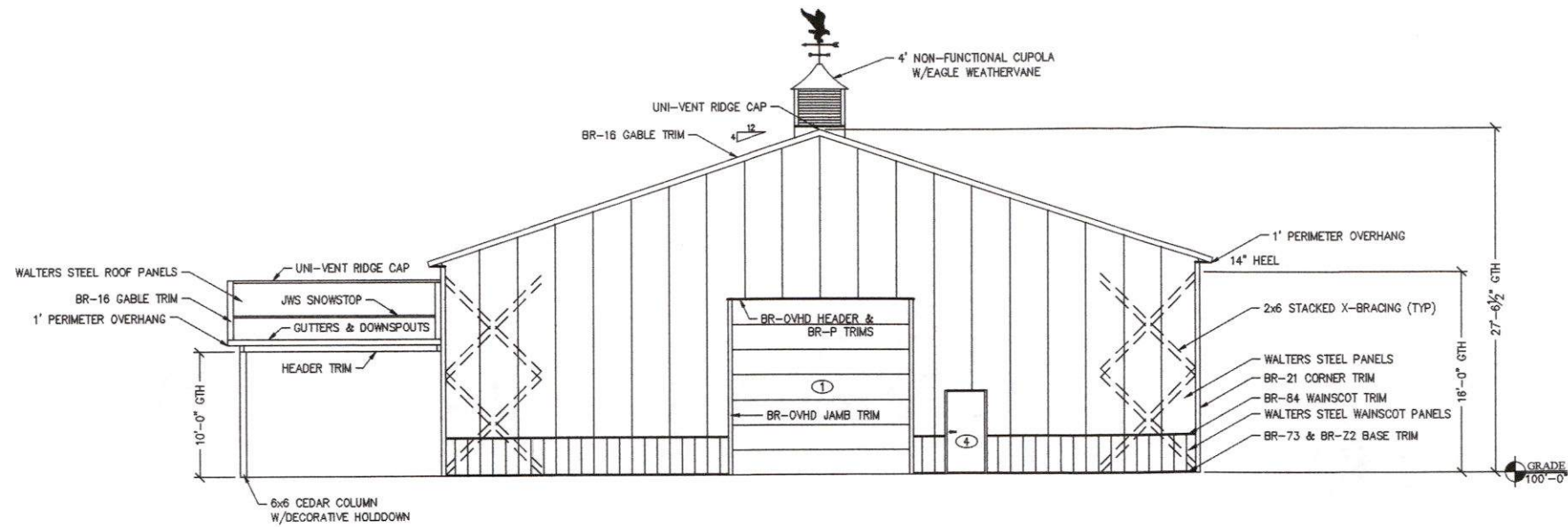
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SCALE
1/8" = 1'-0"
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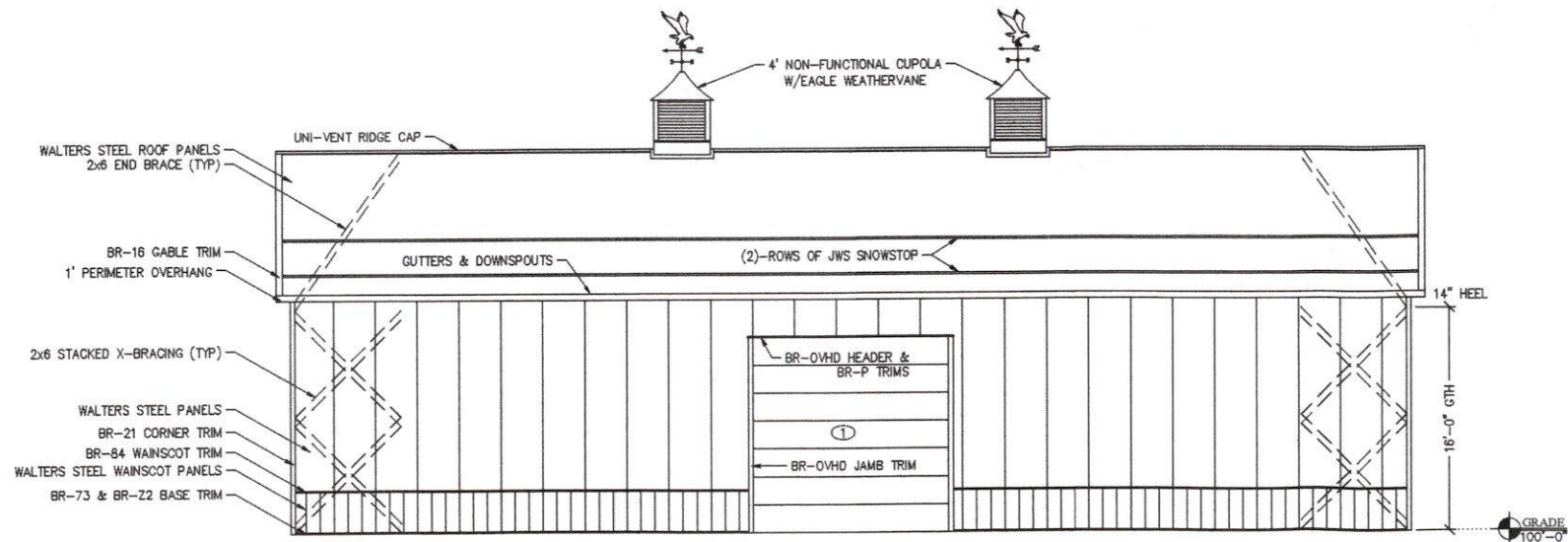
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JOB NUMBER
94-0784

SHEET NUMBER
A1



1 NORTHEAST END ELEVATION
A1.1 SCALE: 1/8" = 1'-0"



2 NORTHWEST SIDE ELEVATION
A1.1 SCALE: 1/8" = 1'-0"

DOOR & WINDOW SCHEDULE			
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④	3'x6'-8" THERMAL BREAK WALKDOOR W/INTERCONNECTING LEVERSET & DEADBOLT (U-VALUE=.24)	40½" x 82½"	3
⑤	FLUSH STEEL WALKDOOR (U-VALUE=.24)	FIELD VERIFY	4
A	4'x3' WINDGATE SLIDING WINDOW W/SCREEN (U-VALUE=.29)	FIELD VERIFY	1
B	6'x6' WINDGATE CASEMENT PICTURE WINDOW (U-VALUE=.29)	FIELD VERIFY	6

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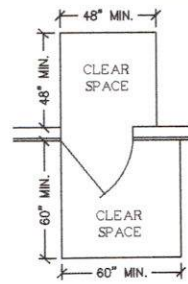
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SHEET NUMBER:

A1.1

WALK DOOR SPECIFICATIONS



MAINTAIN LEVEL APPROACH TO WALKDOORS

SLOPES NOT GREATER THAN 1:48 WITH A MAXIMUM RISE OF 30" DOORWAYS MAINTAIN 32" CLEAR HALLWAYS MAINTAIN 36" CLEAR

36" EXIT DOORS SHALL MAINTAIN 32"x80" CLEAR AT ALL TIMES LEVER HANDLE LOCKSET DOOR HARDWARE NO MORE THAN 42" FROM FINISHED FLOOR. MAXIMUM THRESHOLD HEIGHT 1/2", BEVEL WITH A SLOPE NO GREATER THAN 1:2

EXIT SPECIFICATIONS

EXITS TO PROVIDE AN APPROVED TYPE ILLUMINATED SIGN BEARING THE WORD "EXIT" IN 6" HIGH LETTERS ABOVE ALL DOORS SHOWN THIS (E). ALL EXIT DOORS SHALL BE EQUIPPED WITH STANDARD TYPE EXIT HARDWARE OPERABLE FROM THE INSIDE WITHOUT THE USE OF LATCH, KEY OR BOLT. ALL EXIT DOORS ARE ON ACCESSIBLE ROUTE.

EXIT LIGHTS TO PROVIDE NO LESS THAN FIVE FOOTCANDLES OF ILLUMINATION WITH A CONTRAST RATIO NOT LESS THAN 0.5. SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING IS OCCUPIED AND CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM THAT PROVIDES ILLUMINATION FOR A PERIOD OF NO LESS THAN 90 MINUTES AFTER POWER LOSS.

MEANS OF EGRESS LIGHTING THE INTENSITY OF FLOOR LIGHTING SHALL NOT BE LESS THAN ONE FOOT CANDLE OF ILLUMINATION AT THE WALKING SURFACE LEVEL.

FIRE EXTINGUISHER SPECIFICATIONS

OWNER TO FURNISH AND INSTALL FIRE EXTINGUISHERS PER NFPA NO. 10

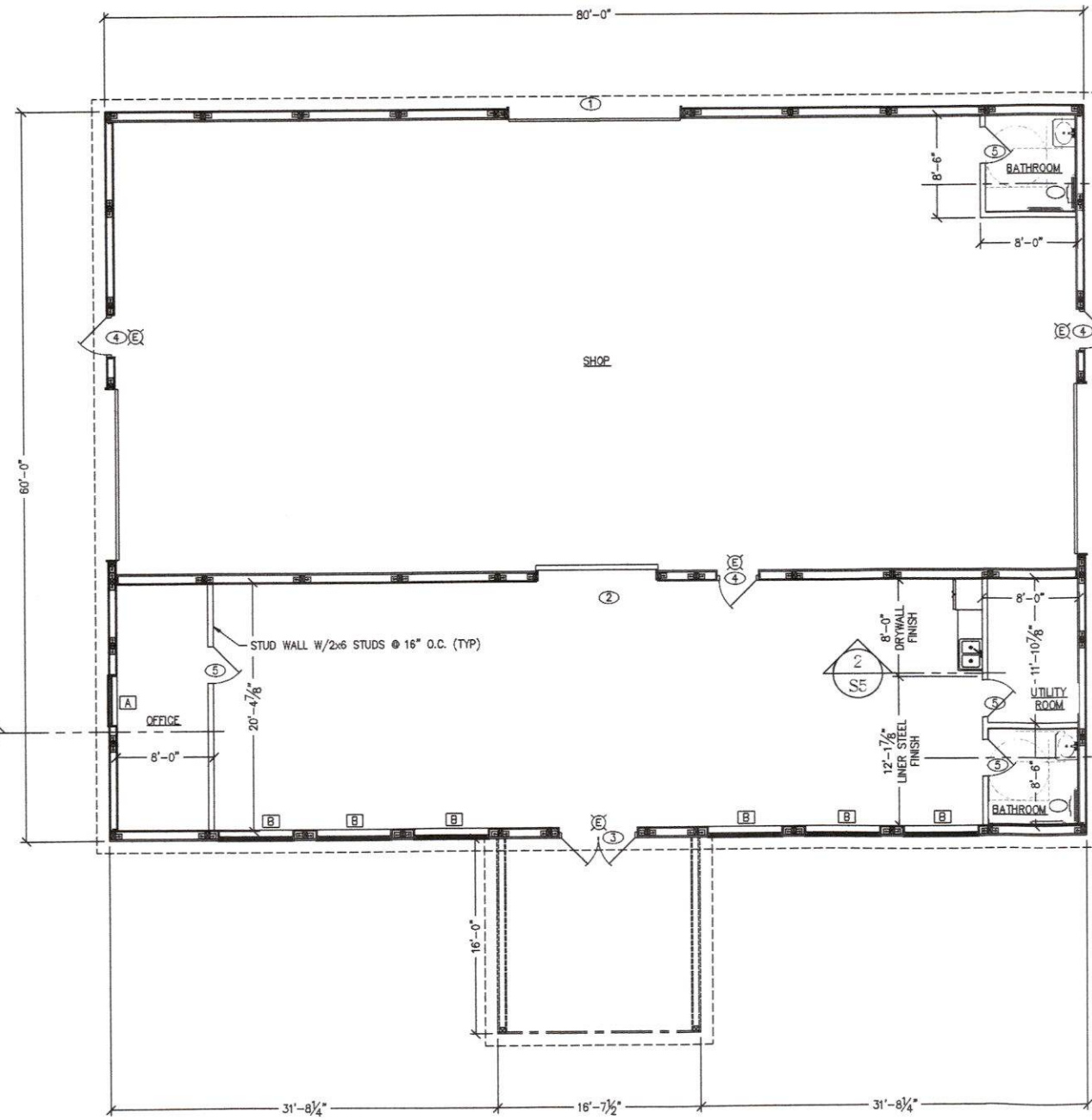
Hazard Occupancy	NFPA TABLE 3-2.1		
	Light (Low)	Ordinary (Moderate)	Extra (High)
Minimum Rated Single Extinguisher	2-A	2-A	4-A
Maximum Floor Area per Unit of A	3,000 sq. ft.	1,500 sq. ft.	1,000 sq. ft.
Maximum Floor Area per Extinguisher	11,250 sq. ft.	11,250 sq. ft.	11,250 sq. ft.
Maximum Travel Distance to Extinguisher	75 ft.	75 ft.	75 ft.

* Two 2 1/2 Gallon Water Type Extinguishers can be used to fulfill the requirements of One 4-A Rated Extinguisher.

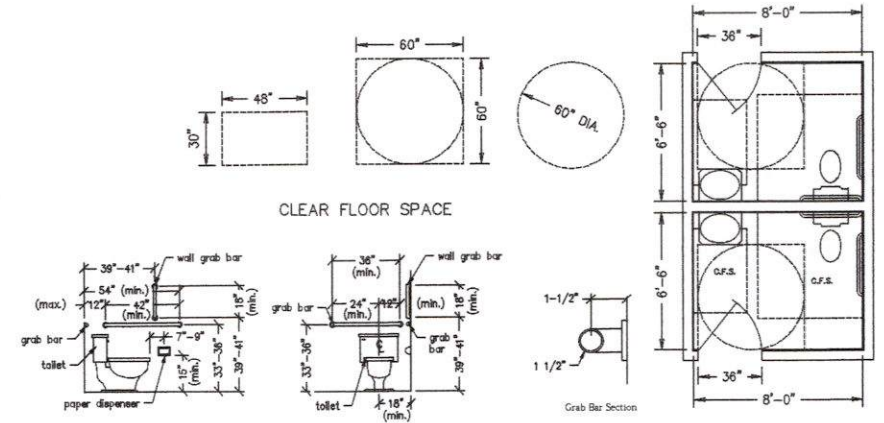
DOOR & WINDOW SCHEDULE

TAG	TYPE	ROUGH OPENING W x H	QUANTITY
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②	10'x8" SINGLE INSIDE RIGHT SLIDING DOOR	9'-7 1/2" x 8'-0"	1
③	6'x6"-8" THERMAL BREAK FULL VUE DOUBLE WALK DOOR W/INTERCONNECTING LEVERSET & DEADBOLT (U-VALUE=.24)	78 1/8" x 82 1/2"	1
④	3'x6"-8" THERMAL BREAK WALKDOOR W/INTERCONNECTING LEVERSET & DEADBOLT (U-VALUE=.24)	40 1/2" x 82 1/2"	3
⑤	FLUSH STEEL WALKDOOR (U-VALUE=.24)	FIELD VERIFY	4
A	4'x3" WINDGATE SLIDING WINDOW W/SCREEN (U-VALUE=.29)	FIELD VERIFY	1
B	6'x6" WINDGATE CASEMENT PICTURE WINDOW (U-VALUE=.29)	FIELD VERIFY	6

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1 FLOOR LAYOUT PLAN
 A2 SCALE: 1/8" = 1'-0"



TOILET ROOMS

The tops of dining surfaces and work surfaces shall be 28 inches (710 mm) minimum and 34 inches (865 mm) maximum above the finish floor or ground.

Counters and Bars Where food or drink is served at counters exceeding 34 in (865 mm) in height for consumption by customers seated on stools or standing at the counter, a portion of the main counter which is 60 in (1525 mm) in length minimum shall be provided in compliance with 4.32 or service shall be available at accessible tables within the same area.

TOILET ROOM - MECHANICAL VENTILATION:
 Mechanical ventilation shall be provided in toilet rooms by a mechanical exhaust fan connected to the light switch. Exhaust fan capacity shall be a minimum of two cubic feet per minute per square foot of floor area or 80 cfm. per fixture - whichever is greater.

TOILET ROOM - ENTIRE FLOOR AND SIDEWALLS TO A HEIGHT OF NOT LESS THAN 6" SHALL BE MADE OF A MATERIAL IMPERVIOUS TO WATER

TOILET ROOM WALLS AND CEILING - THE WALLS AND CEILING SHALL BE COVERED WITH SMOOTH NONABSORBANT MATERIAL. INTERIOR SURFACE OF WALLS AND PARTITIONS SHALL BE OF LIGHT COLOR TO IMPROVE ILLUMINATION AND FACILITATE CLEANING.

OWNER NAME
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 53126

PROJECT NAME
 60x80 BUILDING

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SALES REP / DEALER
 JOSH OBERT

DRAFTER
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ESTIMATOR
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SCALE 1/8" = 1'-0"

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SHEET NUMBER

A2

6 MIL VAPOR RETARDER SPECIFICATIONS

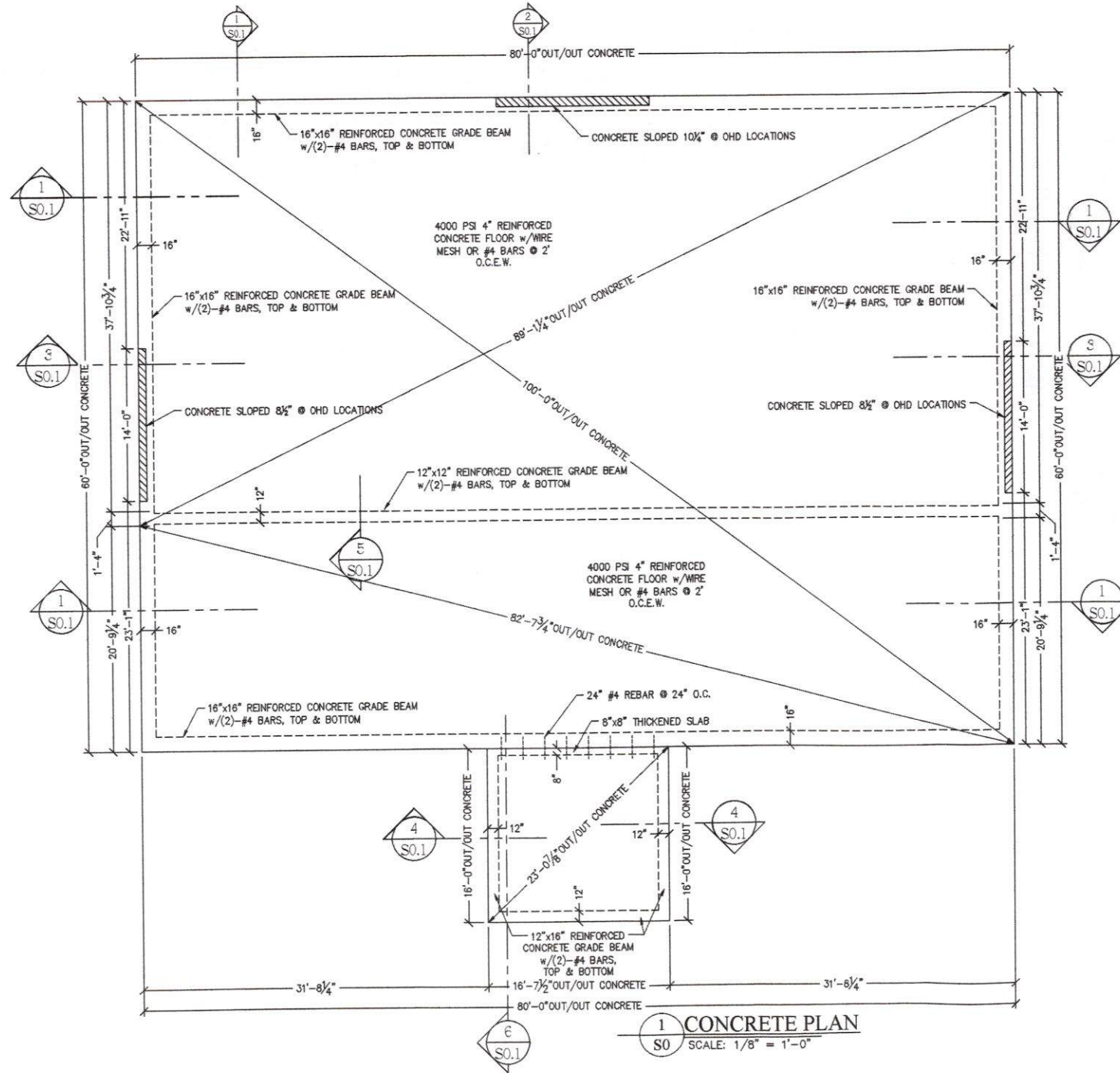
- *6 MIL UNDER SLAB VAPOR RETARDER WITH JOINTS LAPPED NOT LESS THAN 6" IS REQUIRED EXCEPT FOR:
1. UNHEATED BUILDINGS
 2. UNHEATED STORAGE ROOMS LESS THAN 20 SQUARE FEET & CARPORTS ATTACHED TO R-3 OCCUPANCIES
 3. FOR BUILDINGS OF OTHER OCCUPANCIES WHERE MIGRATION OF MOISTURE THROUGH THE SLAB FROM BELOW WILL NOT BE DETRIMENTAL TO THE INTENDED OCCUPANCY OF THE BUILDING
 4. FOR DRIVEWAYS, WALKS, PATIOS & OTHER FLATWORK THAT WILL NOT BE ENCLOSED AT A LATER DATE
 5. WHERE APPROVED BASED ON LOCAL SITE CONDITIONS

STRONG-BOLT 2 SPECIFICATIONS

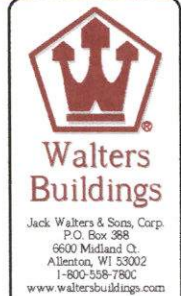
CHARACTERISTIC	SYMBOL	UNITS	NOMINAL ANCHOR DIAMETER CARBON STEEL	
			1/2 inch ²	3/4 inch ²
Installation Information				
Nominal Diameter	d_n	in.	1/2	3/4
Drill Bit Diameter	d	in.	1/2	3/4
Baseplate Clearance Hole Diameter	d_c	in.	5/8	7/8
Installation Torque	T_{inst}	ft-lbf	60	90
Nominal Embedment Depth	h_{dev}	in.	3 3/4	5 1/4
Effective Embedment Depth	h_{ef}	in.	3 3/4	4 1/2
Minimum Hole Depth	h_{min}	in.	4 1/2	5 3/4
Minimum Overall Anchor Length	l_{anch}	in.	5 1/2	6
Critical Edge Distance	c_{crit}	in.	7 1/2	9
Minimum Edge Distance	c_{min}	in.	4	5 1/2
	for $s \geq$	in.	4	5
Minimum Spacing	s_{min}	in.	2 3/4	3 1/4
	for $c \geq$	in.	12	8
Minimum Concrete Thickness	h_{min}	in.	6	7 1/4

CHARACTERISTIC	SYMBOL	UNITS	NOMINAL ANCHOR DIAMETER CARBON STEEL	
			1/2 inch ²	3/4 inch ²
Additional Data				
Specified Yield Strength	f_{y2}	PSI	85,000	
Specified Tensile Strength	f_{tu}	PSI	115,000	
Minimum Tensile and Shear Stress Area	A_{se}	in ²	0.105	0.166
	Axial Stiffness in Service Load Range - Cracked and Uncracked Concrete	β	lb/in	63,570

1. The information presented in this table is to be used in conjunction with the design criteria of ACI 318-19 Chapter 17, ACI 318-14 Chapter 17 or ACI 318-11 Appendix D, as applicable.
2. The clearance must comply with applicable code requirements for the connected element.
3. The tabulated value of β for 1/4-inch-diameter carbon steel Strong-Bolt 2 anchors is for installations in uncracked concrete only.
4. The 1/4-inch-diameter (6.4 mm) anchor may be installed in top of uncracked normal-weight and sand-lightweight concrete over profile steel deck where concrete thickness above upper flange meets the minimum thicknesses specified in this table.
5. The 3/8-inch through 1-inch-diameter (9.5 mm through 25.4 mm) anchors may be installed in top of cracked and uncracked normal-weight and sand-lightweight concrete over profile steel deck where concrete thickness above upper flange meets the minimum thicknesses specified in this table, and Tables 5 for the 3/8-inch and 1/2-inch-diameter (9.5 mm and 12.7 mm) anchors.



NOTE:
CONCRETE NBW



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ENGINEER
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SHEET NUMBER

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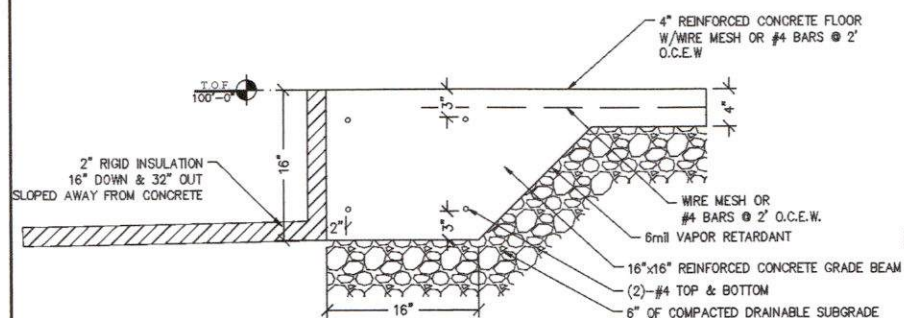
SCALE
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ENGINEER
CAYNEN K.

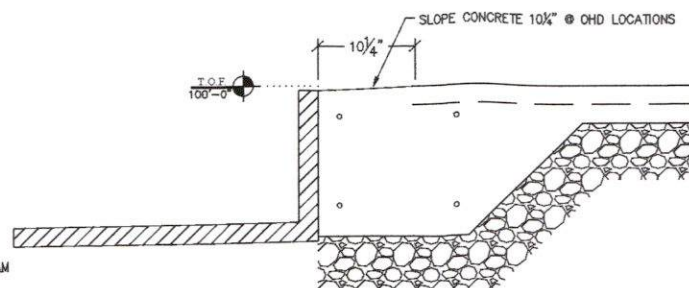
JOB NUMBER
94-0784

SHEET NUMBER

S0.1

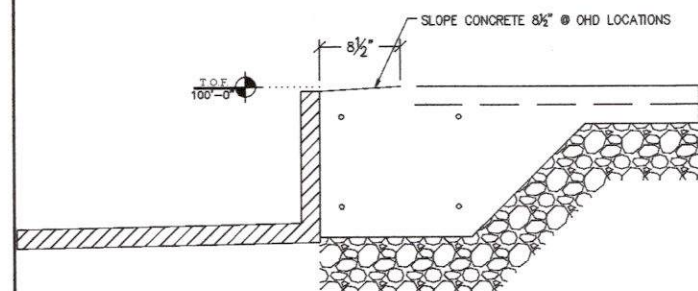


1 CONCRETE DETAIL
S0.1 SCALE: 1" = 1'-0"



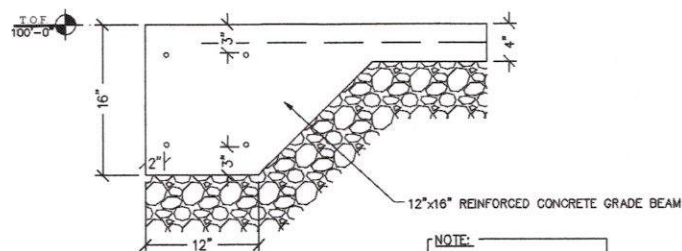
2 CONCRETE DETAIL
S0.1 SCALE: 1" = 1'-0"

NOTE:
SAME AS SECTION 1/S0.1
EXCEPT FOR ITEMS NOTED



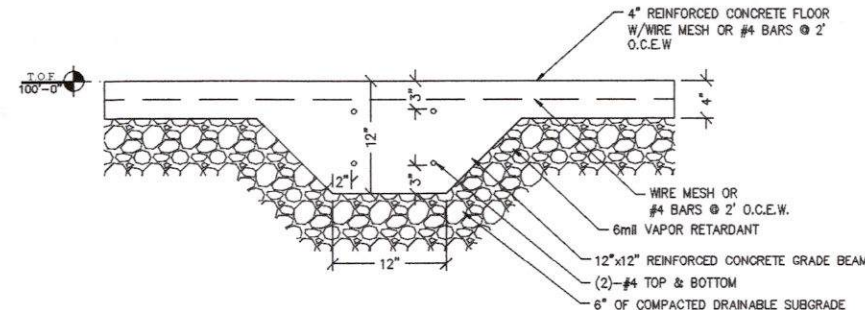
3 CONCRETE DETAIL
S0.1 SCALE: 1" = 1'-0"

NOTE:
SAME AS SECTION 1/S0.1
EXCEPT FOR ITEMS NOTED

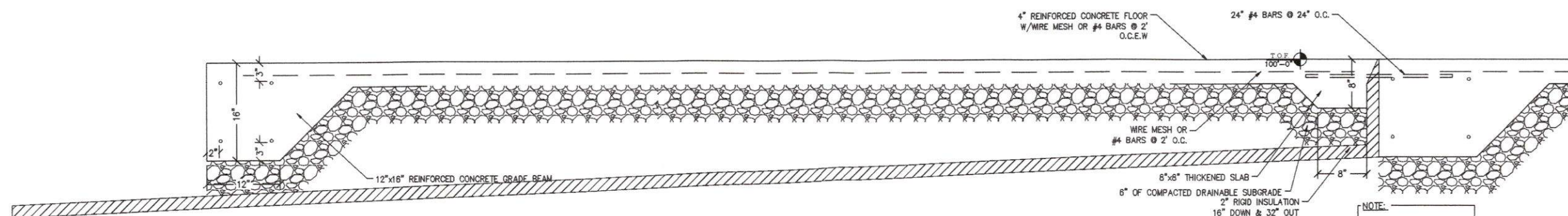


4 CONCRETE DETAIL
S0.1 SCALE: 1" = 1'-0"

NOTE:
SAME AS SECTION 1/S0.1
EXCEPT FOR ITEMS NOTED



5 CONCRETE DETAIL
S0.1 SCALE: 1" = 1'-0"




6 CONCRETE DETAIL
S0.1 SCALE: 1" = 1'-0"

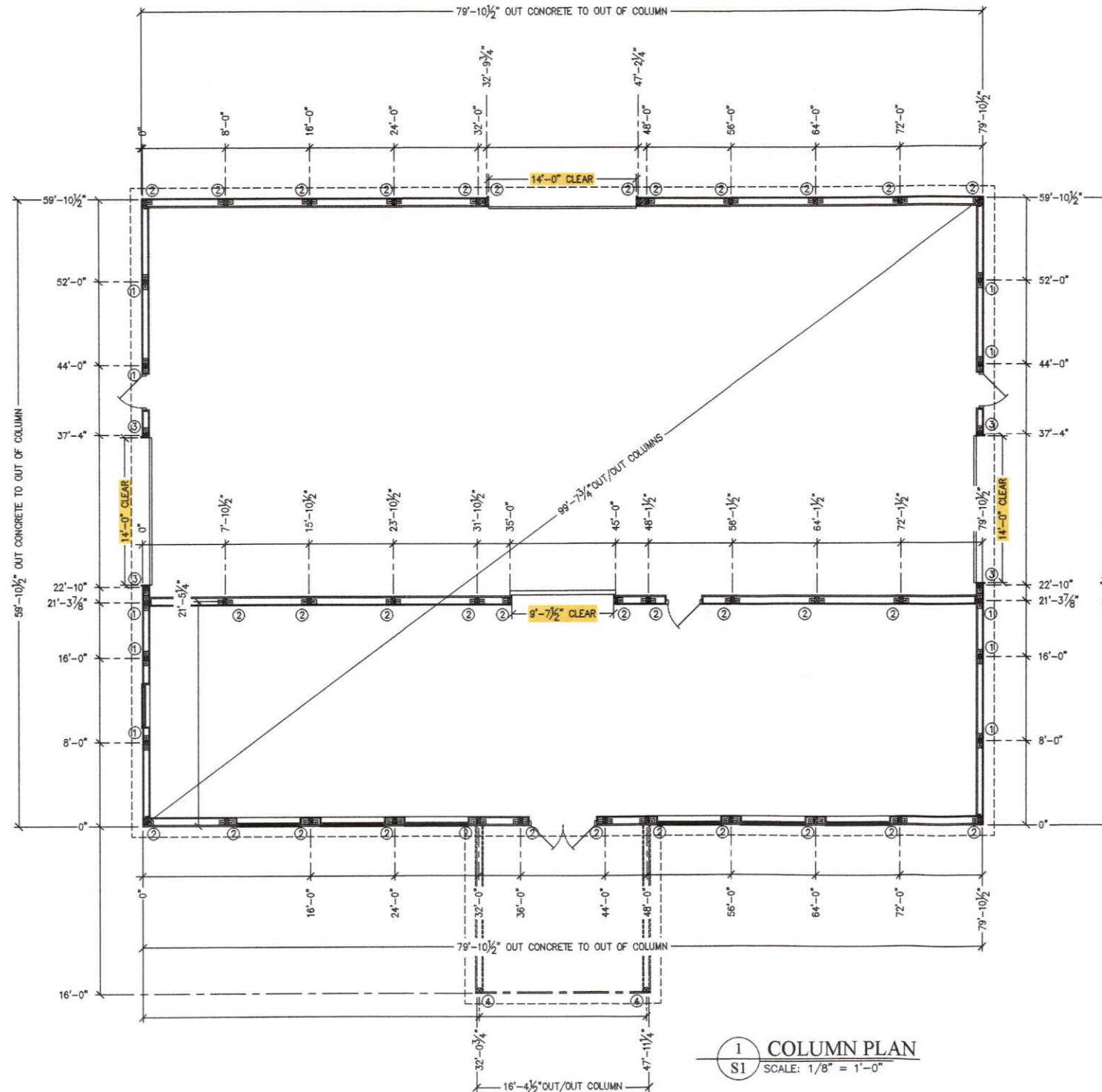
NOTE:
SAME AS SECTION 1/S0.1
EXCEPT FOR ITEMS NOTED

COLUMN & FOOTING SCHEDULE

TAG	COLUMN TYPE	DIAMETER	EMBEDMENT
①	(3)-PLY 2x6 #2 SYP STP LAM COLUMN	NOT APPLICABLE	
②	(3)-PLY 2x8 #1 SYP STP LAM COLUMN	NOT APPLICABLE	
③	(4)-PLY 2x6 #2 SYP STP LAM COLUMN	NOT APPLICABLE	
④	6x6 CEDAR COLUMN	NOT APPLICABLE	



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 Allenton, WI 53002
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1 COLUMN PLAN
 S1 SCALE: 1/8" = 1'-0"

OWNER NAME
 JEFF HOLTZ LLC.

OWNER ADDRESS
 360 92nd ST.
 FRANKSVILLE, WI
 53126

PROJECT NAME
 60x80 BUILDING

PROJECT ADDRESS
 8125 RACINE AVE.
 WIND LAKE, WI
 53185

SALES REP / DEALER
 JOSH OBERT

DRAFTER
 DAVID M.

ESTIMATOR
 JACOB R.

LAST SAVED BY
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PAPER SIZE
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SCALE
 1/8" = 1'-0"


ENGINEER
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JOB NUMBER
 94-0784

SHEET NUMBER

S1

DOOR & WINDOW SCHEDULE			
TAG	TYPE	ROUGH OPENING W x H	QUANTITY
①	14'x14' HAAS MODEL 712 (R-13.6) INSULATED OVERHEAD DOOR (U-VALUE=.221)	14' x 14'	3
②	10'x8' SINGLE INSIDE RIGHT SLIDING DOOR	9'-7½" x 8'-0"	1
③	6'x6'-8" THERMAL BREAK FULL VUE DOUBLE WALK DOOR W/INTERCONNECTING LEVERSET & DEADBOLT (U-VALUE=.24)	78½" x 82½"	1
④	3'x6'-8" THERMAL BREAK WALKDOOR W/INTERCONNECTING LEVERSET & DEADBOLT (U-VALUE=.24)	40½" x 82½"	3
⑤	FLUSH STEEL WALKDOOR (U-VALUE=.24)	FIELD VERIFY	4
A	4'x3' WINDGATE SLIDING WINDOW W/SCREEN (U-VALUE=.29)	FIELD VERIFY	1
B	6'x6' WINDGATE CASEMENT PICTURE WINDOW (U-VALUE=.29)	FIELD VERIFY	6



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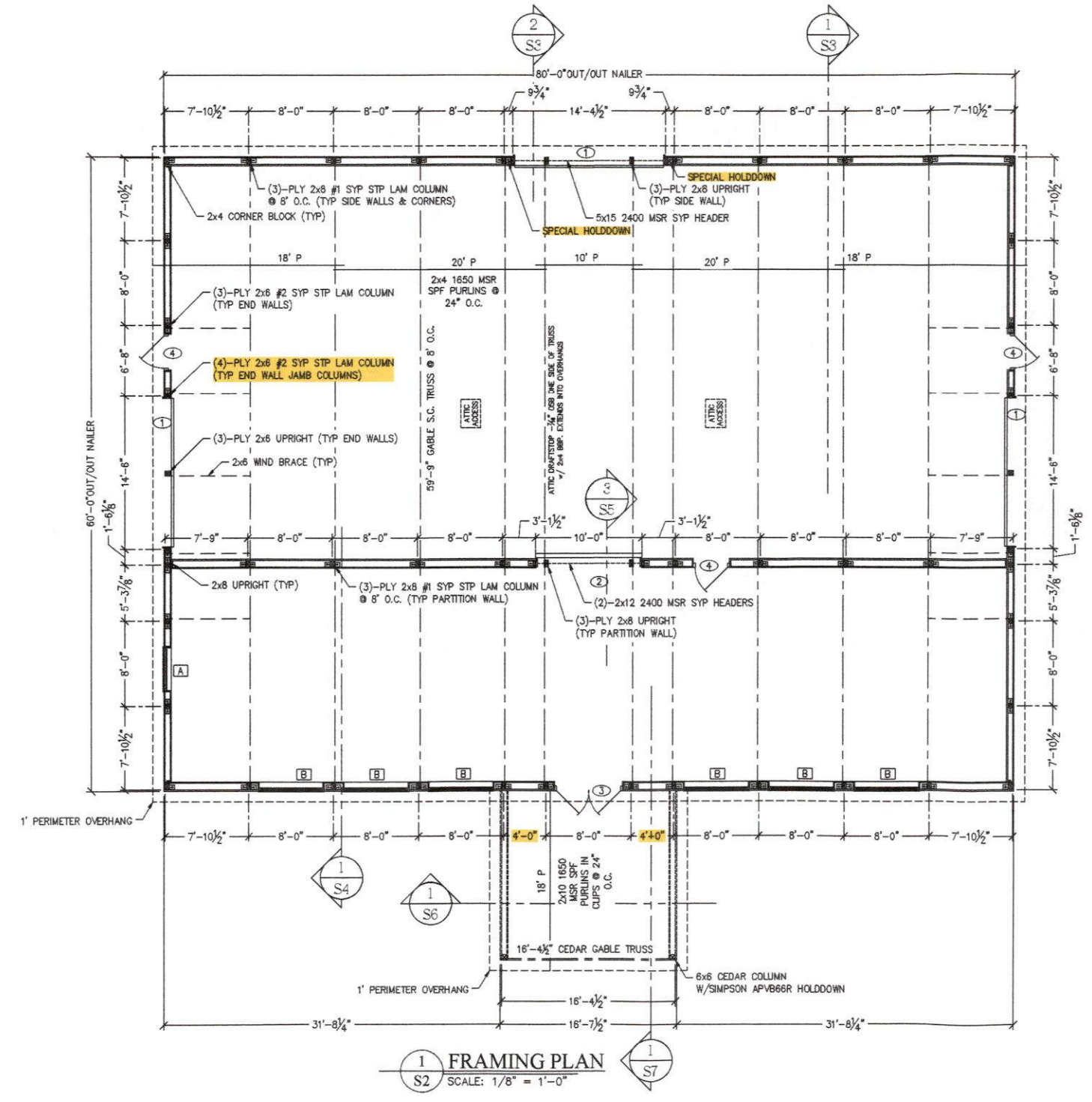
SCALE: 1/8" = 1'-0"

ENGINEER:
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JOB NUMBER:
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SHEET NUMBER:

S2





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OWNER ADDRESS

360 92nd ST.
FRANKSVILLE, WI
53126

PROJECT NAME

60x80' BUILDING

PROJECT ADDRESS

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WIND LAKE, WI
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ARCH PALL BLEED C (18.00 X 24.00 INCHES)

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



ENGINEER

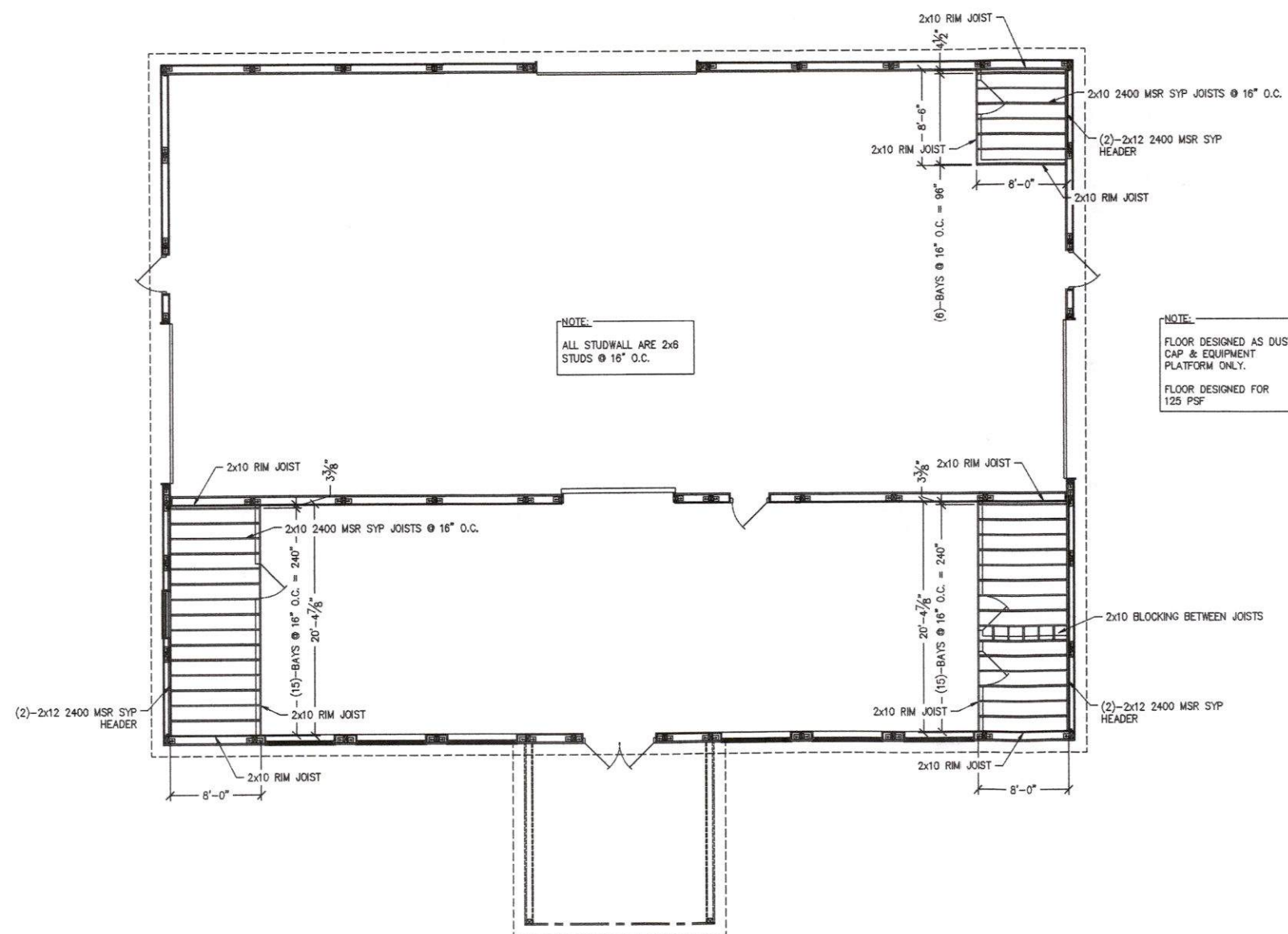
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SHEET NUMBER

S2.1



1 JOIST PLAN
S2.1 SCALE: 1/8" = 1'-0"





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PROJECT NAME

60x80' BUILDING

PROJECT ADDRESS

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ESTIMATOR

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PAPER SIZE

ARCH FULL BLEED C (18.00 X 24.00 INCHES)

SCALE

AS NOTED

ENGINEER

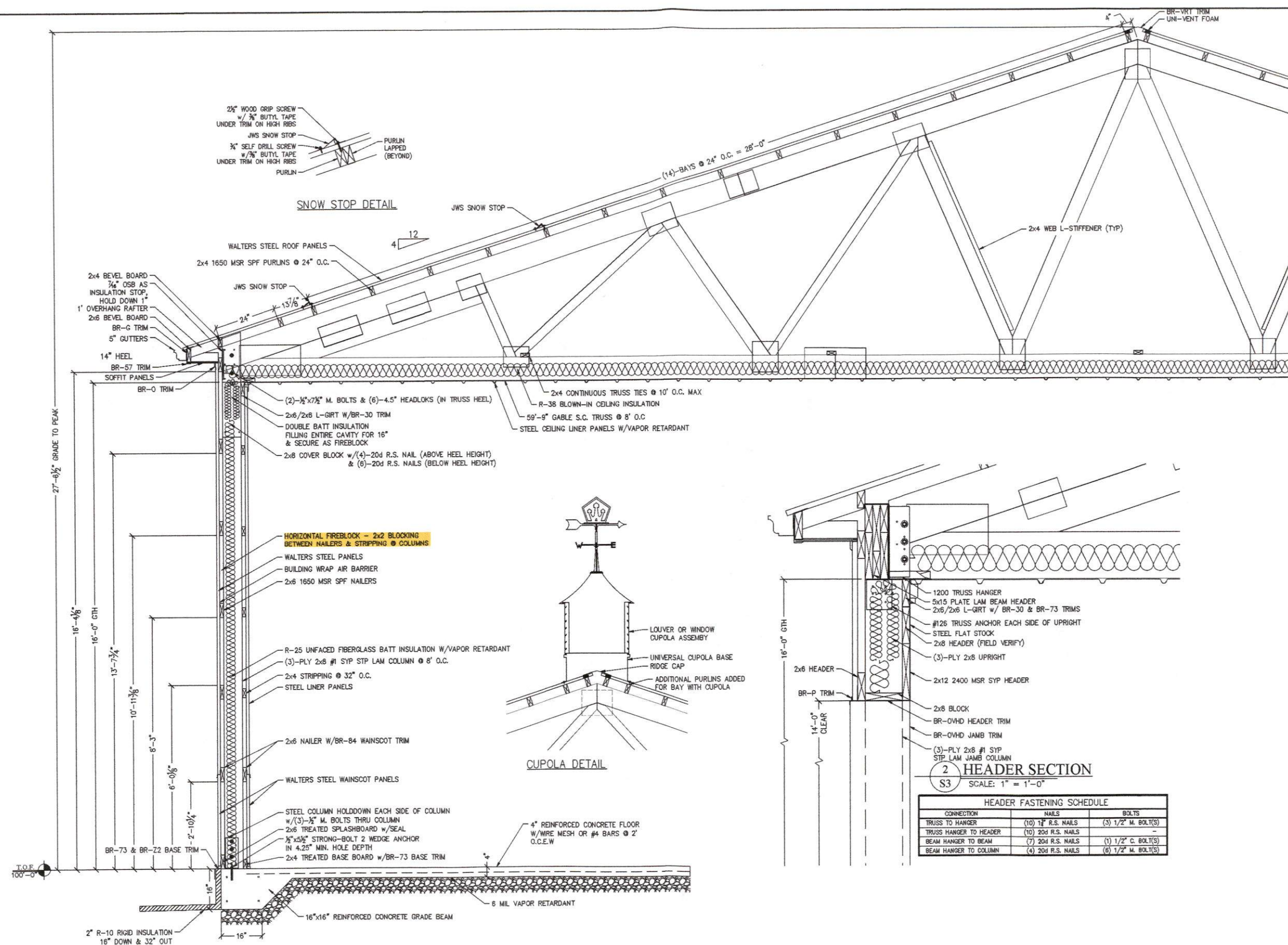
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JOB NUMBER

94-0784

SHEET NUMBER

S3



SNOW STOP DETAIL

CUPOLA DETAIL

2 HEADER SECTION

SCALE: 1" = 1'-0"

HEADER FASTENING SCHEDULE		
CONNECTION	NAILS	BOLTS
TRUSS TO HANGER	(10) 1 1/2" R.S. NAILS	(3) 1/2" M. BOLT(S)
TRUSS HANGER TO HEADER	(10) 20d R.S. NAILS	-
BEAM HANGER TO BEAM	(7) 20d R.S. NAILS	(1) 1/2" C. BOLT(S)
BEAM HANGER TO COLUMN	(4) 20d R.S. NAILS	(6) 1/2" M. BOLT(S)

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



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WIND LAKE, WI
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PAPER SIZE
ARCH FULL BLEED C 09 00 X 24 00 INCHES

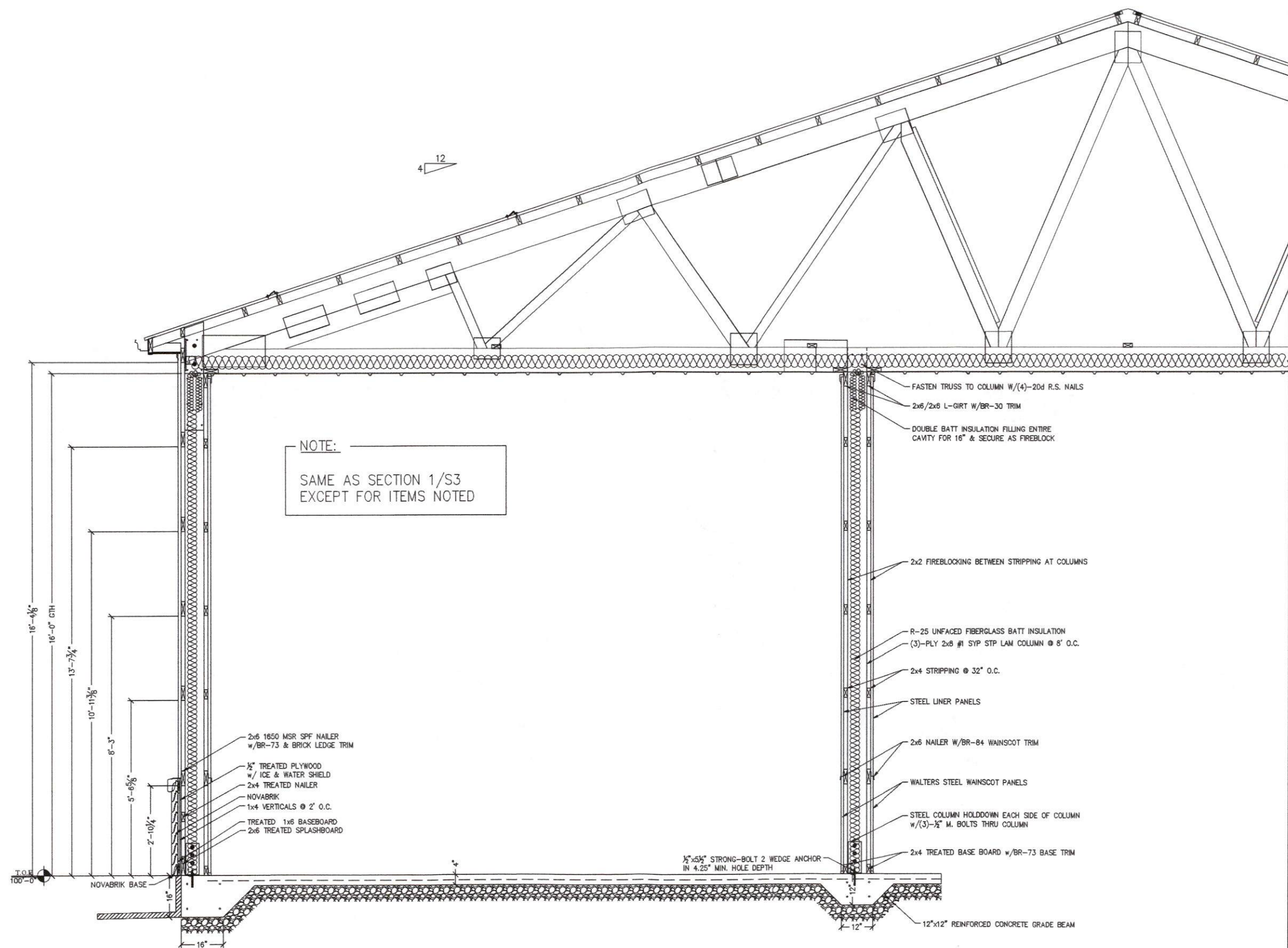
SCALE 1/2" = 1'-0"

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SHEET NUMBER

S4



1 CROSS SECTION
S4 SCALE: 1/2" = 1'-0"



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PROJECT NAME:
60x80' BUILDING

PROJECT ADDRESS:
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WIND LAKE, WI
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JOSH OBERT

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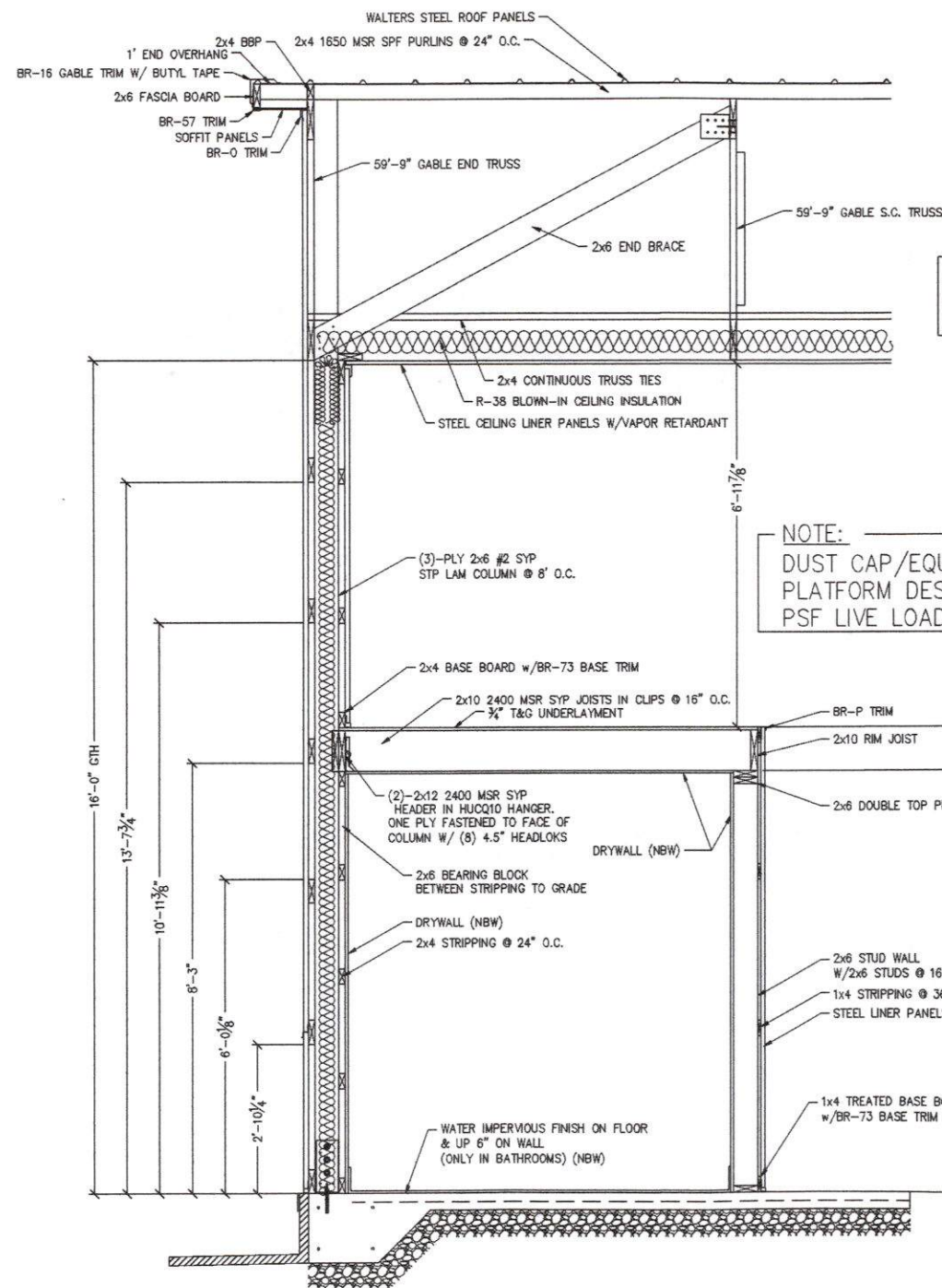
SCALE: 1/2" = 1'-0"

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SHEET NUMBER

S5



NOTE:
INTERIOR FINISHES NBW

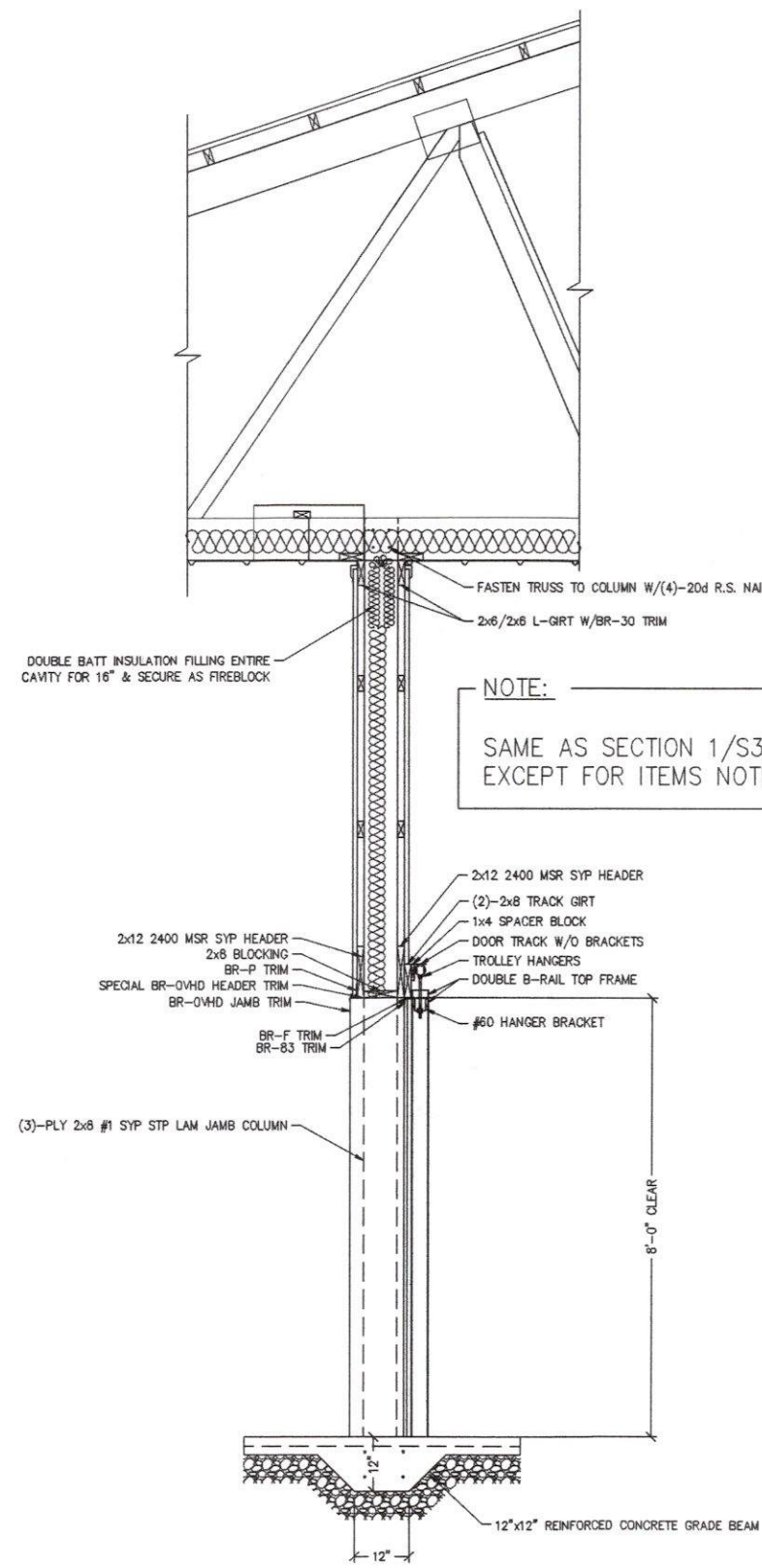
NOTE:
DUST CAP/EQUIPMENT
PLATFORM DESIGNED FOR 125
PSF LIVE LOAD

NOTE:
SAME AS SECTION 1/S3
EXCEPT FOR ITEMS NOTED

1 CROSS SECTION
S5 SCALE: 1/2" = 1'-0"

2 CROSS SECTION
S5 SCALE: 1/2" = 1'-0"

NOTE:
SAME AS SECTION 1/S5
EXCEPT FOR ITEMS NOTED



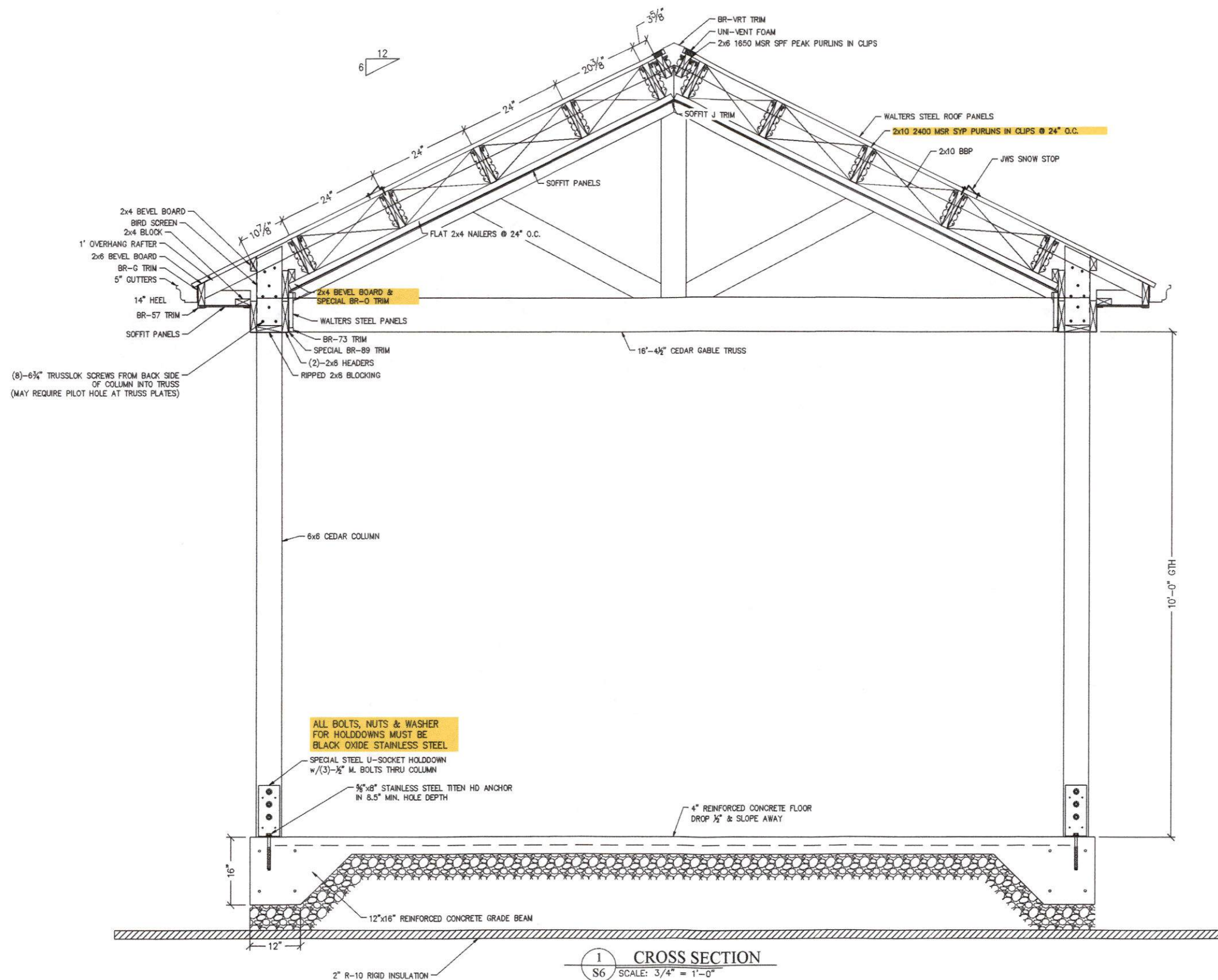
NOTE:
SAME AS SECTION 1/S3
EXCEPT FOR ITEMS NOTED

3 INSIDE SLIDING DOOR HEADER SECTION
S5 SCALE: 1/2" = 1'-0"



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1 CROSS SECTION
S6 SCALE: 3/4" = 1'-0"

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PROJECT NAME
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PROJECT ADDRESS
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SCALE 3/4" = 1'-0"
0 6' 1

ENGINEER
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JOB NUMBER
94-0784

SHEET NUMBER

S6



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360 92nd ST.
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53126

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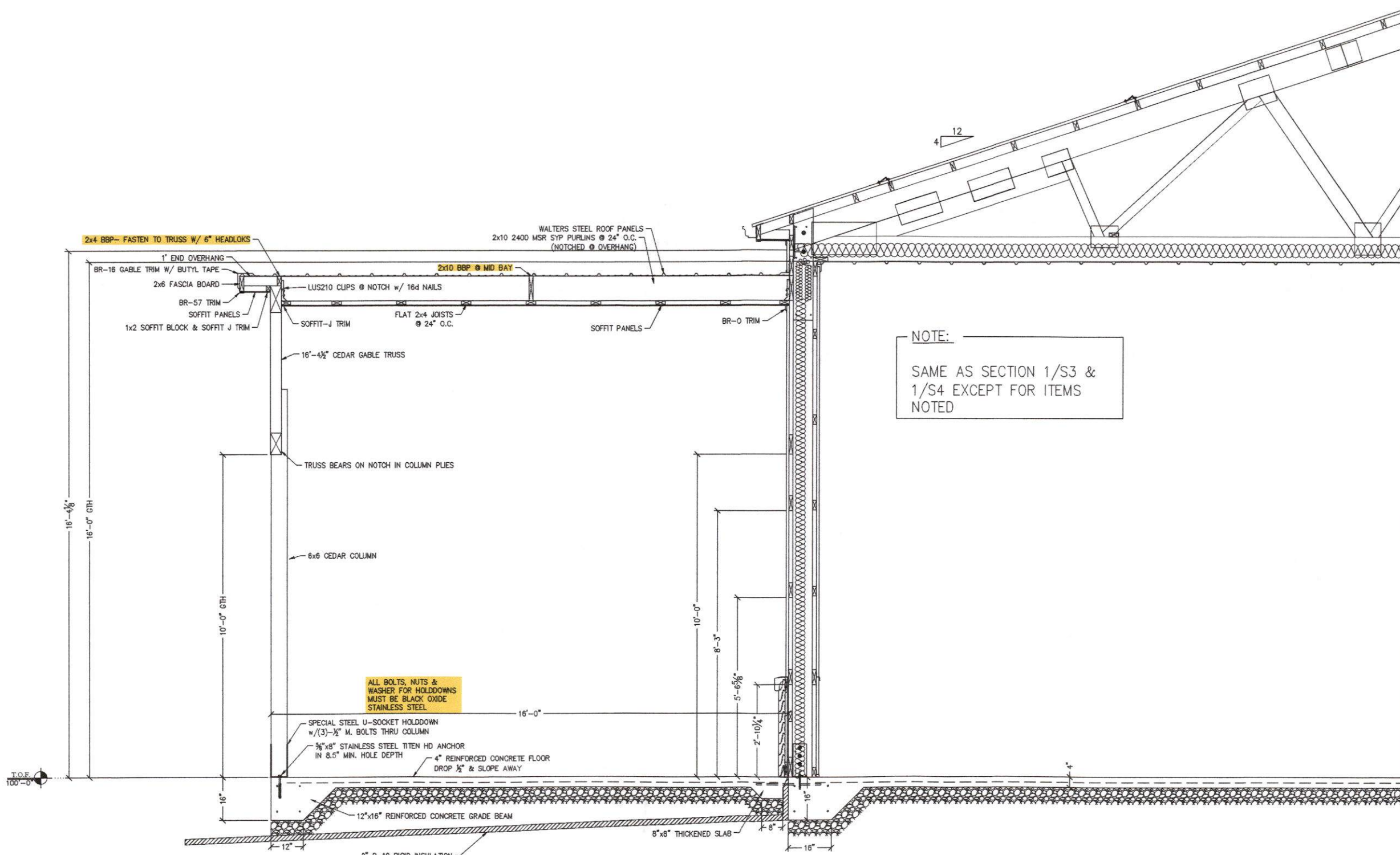
SCALE 1/2" = 1'-0"

ENGINEER
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JOB NUMBER
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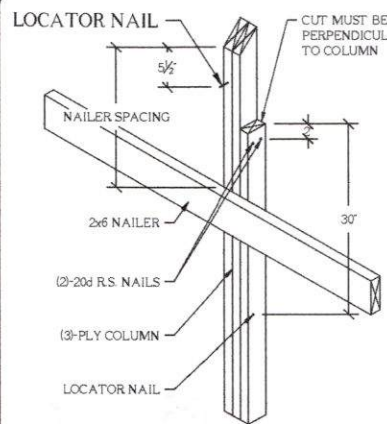
SHEET NUMBER

S7

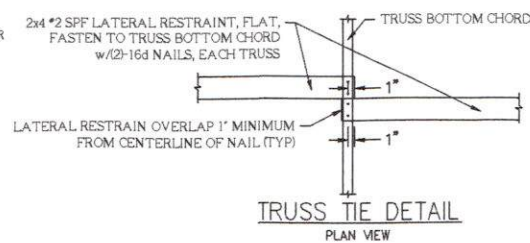
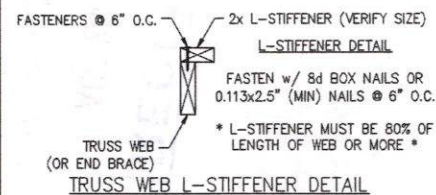


NOTE:
SAME AS SECTION 1/S3 &
1/S4 EXCEPT FOR ITEMS
NOTED

1 CROSS SECTION
S7 SCALE: 1/2" = 1'-0"

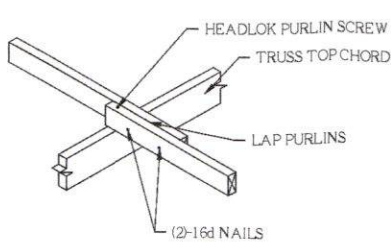


TRUSS TO COLUMN
1 PLY TRUSS - 3 PLY COLUMN

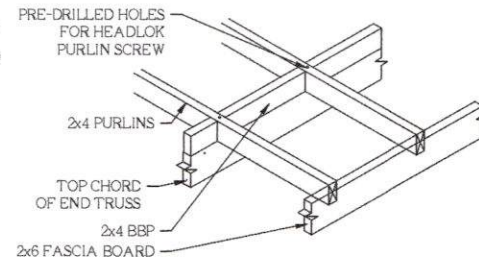


EAGLE METAL TRUSS TIE NOTE
PER EAGLE METAL PRODUCTS, THE BOTTOM CHORD OF METAL PLATED WOOD TRUSSES USED IN POST FRAME CONSTRUCTION MAY BE LATERALLY BRACED AT A SPACING THAT DOES NOT EXCEED 10'-0" O.C. UNDER SPECIFIC CONDITIONS.

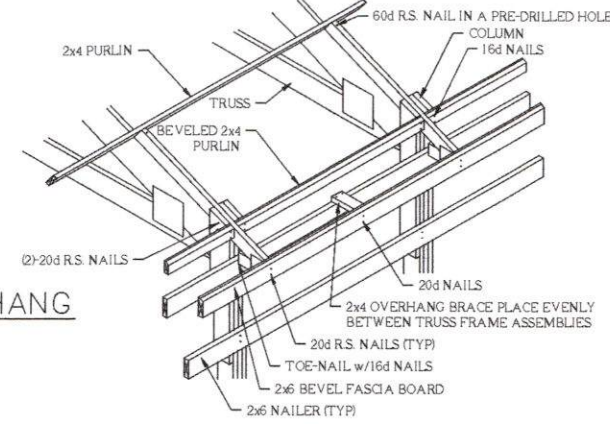
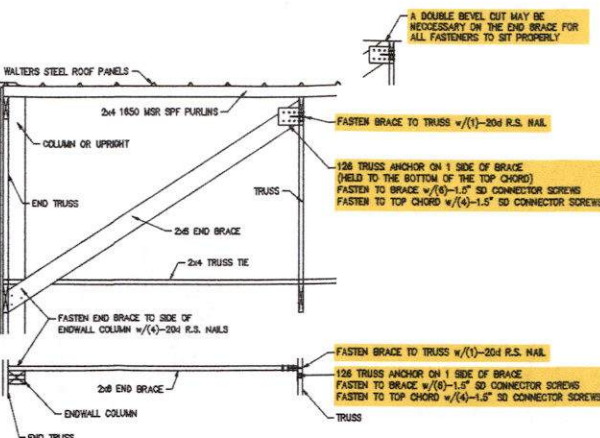
A LIST OF THESE SPECIFIC CONDITIONS & EAGLE METAL LETTER ARE AVAILABLE UPON REQUEST FROM WALTERS BUILDINGS.



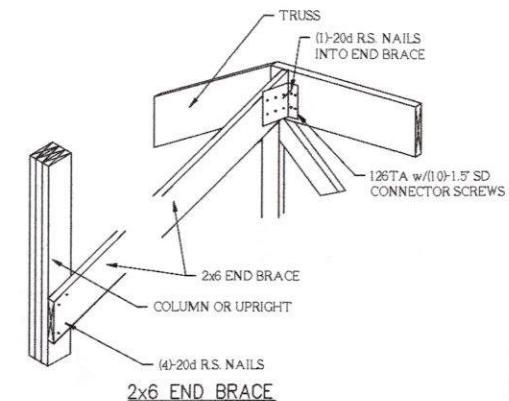
PURLIN LAP



END PURLINS WITH OVERHANG



OVERHANG RAFTER FRAMING



Walters Buildings PO Box 388 Allenton, WI 53002 Main: (262) 629-5521; Fax: (262) 629-5233		Truss 60ft 412 14h 308 2x10 Job: 59199n Date: 07/22/24 15:16:02 Page: 1 of 1							
SPAN	PITCH	QTY	OHL	OHR	CANT L	CANT R	PLYS	SPACING	WGT/PLY
59-9-0	4/12	1	0-0-0	0-0-0	0-0-0	0-0-0	1	96 in	721 lbs

Loading (psf) General	CS1	Deflection	L/ (in)	Allowed
TCL1: 30 CSL: 30 TCL2: 4 (skel) BCL1: 0 BCL2: 6	IBC 2018 TC: 0.97 (2.3) IRC: 0.94 (0.94) Wb: 0.81 (5-5)	Max TL: 1.25 in Max LR: 1.00 in Max TR: 0.84 in	1/400 (0.516) 1/685 (0.516) 11	1/240 1/360

Reaction	Max. Reaction	Max. Moment	Max. Shear
TL	5.3 k	9.616 k-ft	-2.266 k
LR	5.5 k	9.616 k-ft	-2.266 k
TR	5.5 k	9.616 k-ft	-2.266 k

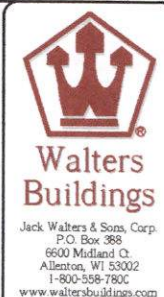
Material
 TC: SYP 2x10 @ 2 x 10
 BC: SYP 2x10 @ 2 x 10
 Wb: SYP 1 1/2 x 4 except
 SYP 2x10 @ 2 x 6, 3-18, 5-16, 6-16, 6-15, 7-15, 9-13

Bracing
 TC: Purlin at 24" OC, Purlin design by Others.
 BC: Sheathed or Purlin at 5'-0", Purlin design by Others.
 Wb: SYP 1 1/2 x 4 except
 T Brace: 2-16, 7-12

Notes
 1) Unless noted otherwise, do not cut or alter any truss member or plate without prior approval from a Professional Engineer.
 2) The fabrication tolerance for this roof truss is 20% (±0.80).
 3) Building Designer shall verify self-weight of the truss and other load materials do not exceed TCCL 4 psf.
 4) Design assumes minimum 2x vertical orientation, visually graded/patina, attached to the TC at purlin spacing shown with at least 2-10d nails.
 5) Brace bottom chord with approved sheathing or purlin per framing summary.
 6) Lateral bracing shown in this illustration for illustration purposes only and may be placed on other edge of truss member.
 7) A ramp factor of 2.00 has been applied for this truss analysis.
 8) The "SYP" label shown in the "Material Summary" above indicates the new SYP design values effective June 1, 2013 was used.
 9) At least one web is braced with 1 brace. L-braces shall be min. 2x4 steel grade and shall extend to within 3" of the chord at both ends. Attach L-brace to web using 16d nails at min. 6" on center spacing. Brace by others. See DCSRB for additional information.
 10) [] indicates non-structural members.
 11) Load wind uplift reactions based on MWFRS & CBC loading.

WISCONSIN
 CAYNEN KLESSIG
 E-48628
 VALDERS
 WI
 PROFESSIONAL ENGINEER

Caynen Klessig
7/22/24



Jack Walters & Sons, Corp.
 P.O. Box 388
 6600 Midland Ct.
 Allenton, WI 53002
 1-800-556-7802
 www.waltersbuildings.com

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PROJECT NAME:
60'x80' BUILDING

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DRAFTER:
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ESTIMATOR:
JACOB R.

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SCALE:
AS NOTED

ENGINEER:
CAYNEN K.

JOB NUMBER:
94-0784

SHEET NUMBER:
T1

GENERAL NOTES AND SPECIFICATIONS

GENERAL NOTES

DEVIATION FROM PLANS - Any deviation from these plans shall have been consulted with and documented by the supervising professional.

NON-CONTRACT ITEMS - Items may appear on these plans that are done by others and are not part of the Walters Buildings' contract.

STRUCTURAL PERFORMANCE - Walters Buildings and the Certifying Engineer's responsibility is limited to the structural performance of the post frame shell and listed items. The parties are not acting as the supervising professional of record for onsite supervision of construction, installation, or inspection. Check with local municipality for any special requirements.

SPECIFICATIONS

SITE WORK - The building site shall be graded to provide drainage away from the building. Maintain the grade levels shown on the plan around the building.

FOUNDATION PLACEMENT NOTES - All footings or Sakrete shall be placed on undisturbed virgin soil remaining consistent with the soil bearing capacity as noted in the 'LOADS' Table. If any loose soil is found at footing locations notify engineer at once so adjustments to footings can be made accordingly, as may be necessary.

Column holes are dug per the dimensions shown on the foundation plan (S1) and ready-mix concrete pads or dry concrete pads are poured in place (Note plans for size and type). Additional concrete-mix is poured around the base of the column.

Backfill around columns above footings shall be placed in 8" maximum depth layers and thoroughly compacted. Backfill material shall remain consistent with the presumed lateral soil pressure noted in the 'LOADS'. Typical soil types meeting the requirements include firm sand and loose sandy gravel. Backfill of excavated holes in soil around wood columns may be made with concrete at contractors option.

Foundations shall not be placed prior to confirmation of the soil type at a depth of 5 feet below the bottom of the footing.

CONCRETE (if applicable) - Concrete placement shall be in accordance with ACI 318-14.

Design mixes shall be obtained from the following:

- Strength to be a minimum of 3000 PSI at 28 days for walls and footings.
- Strength to be a minimum of 3500 PSI at 28 days for floor slabs.
- Slump not to exceed 4 inches.

REINFORCING STEEL (if applicable) - Reinforcing steel shall be placed in accordance with CRSI Standards.

Steel reinforcing shall meet the requirements of the "Standard Specifications" for:

1. Billet-Steel Concrete Reinforcing Bars Grade 60 (ASTM designation A-615).
2. All steel bars shall meet the requirements of ASTM designation A-615. All welded wire mesh for concrete reinforcement shall meet the requirement shall meet the requirements set forth in Standard Specification (ASTM designation A-185). The reinforcement shall not be painted and must be free from grease, dirt or deep rust when placed in the work. To prevent rust, the material must be protected from moisture. The reinforcement shall be protected by the proper thickness of concrete.

Where not otherwise shown, the thickness of concrete over the reinforcement shall be:

1. Where concrete is deposited against the ground without the use of forms, the thickness of concrete shall not be less than 3 inches.
2. Where concrete is exposed to weather, the thickness of concrete shall not be less than 1 1/2 inches.
3. In columns or pedestals not exposed to weather or ground, the thickness of concrete shall not be less than 1 1/2 inches.

ANCHOR BOLTS (if applicable) - The contractor shall set all anchor bolts to receive the building. The bolts shall be the size as shown or required. They may be drilled into place as allowed.

STRUCTURAL LAMINATED COLUMNS - The No. 2 or better southern yellow pine S4S structural columns used in this Walters Building shall consist of a 3 or more members sized as shown on the plans, steel plate laminated, and designed to meet the structural load requirements. Column lumber is kiln-dried to a 19% moisture content.

The members for use in contact with the soil shall be pressure treated to a retention of 0.8 pounds of Copper Chromate Arsenate Type C, oxide type formulation, as listed in American Wood Preservers Assoc. Standard U1. The treatment process shall be as described in the current AWPA Standard U1 Commodity Specification A, Use Category 4B.

Splices in columns shall conform to Jack Walters & Sons Corp. Standard details and the columns shall bear a permanent Jack Walters & Sons Corp. stamp in a visible location. Wisconsin DILHR Material Approval No. 201610-W.

SPLASHBOARDS - Splashboards are S4S #2 or better Southern Pine, pressure treated to a net retention of 0.15 pounds per cubic foot with MCA copper based treatment. Approved for G-90 galvanized protected connectors and for aluminum contact. Building code compliant - ESR #2240. One row is furnished for building on a level grade.

FRAMING - Side girts are 2" x 6" S4S 1650 MSR or better Spruce Pine Fir spaced approximately 32" o.c. with all joints staggered at attachment to columns. Roof purlins are 2" x 4" S4S 1650 MSR or better Spruce Pine Fir spaced on edge approximately 24" o.c. All other framing lumber is standard grade or better.

All wood design shall conform to ANSI/APA NDS-2015.

WALL BRACING - 2" x 6" bracing in all unobstructed corners. 2" x 4" lateral truss ties and 2" x 6" end bracing as shown on plans.

STRUCTURAL STEEL (if applicable) - Design shall conform to the latest AISC Specifications.

SIDING PANELS - Structural Steel Grade 80 with G-90 Sheet, pretreatment, urethane primer, and Modified silicon polyester topcoat. Conforms to ASTM A 653.

ROOFING PANELS - Structural Steel Grade 80 with G-90 Sheet, pretreatment, urethane primer, and Modified silicon polyester topcoat. Conforms to ASTM A 653.

TRIM - Die formed trim of Structural Steel Grade 80 with G-90 Sheet, pretreatment, urethane primer, and Modified silicon polyester topcoat on gables, ridges, corners, base, windows and doors.

WALL FINISHES - Exterior cracks, joints, and holes in the buildings envelope are caulked, gasketed, weatherstripped, or otherwise sealed. Interior finish of walls & ceiling shall have a flame spread rating of less than 200. Interior finish Class III Rating - flame spread rating less than 200 and smoke development rating of less than 450.

MASONRY WORK (if applicable) - All masonry work shall be performed by skilled workmen in a competent manner. Joints shall be clean, straight, plumb, level and uniform. Chipped, cracked and broken units shall not be used. Transverse reinforcing shall be used every second course of all masonry block walls. Provide three solid courses for bearing. "Dur-O-Wall" shall be standard weight. Lap all reinforcements 8 inches. All masonry shall conform to ACI 530-11/ASCE 5-11/TMS 402-11.

FIRE WALL NON COMBUSTIBLE PENETRATIONS (if applicable) - shall be tested in accordance with ASTM E119 as part of fire resistance rated assembly or shall be protected by an approved through penetration fire stop system. Combustible penetrations - combustible pipes etc. shall be tested in accordance with ASTM E119 or shall be protected by an approved through penetration fire stop system. Fire dampers - any dampers through fire walls need a three-hour rating.

SOUND & INSULATION - Exposed insulation shall have a flame spread rating of 25 or less and smoke development rating of 450 or less. Concealed shall have a flame spread rating of 75 or less and a smoke development rating of 450 or less. Vapor retarder shall be installed to the warm side of the insulation.

ROOF TRUSSES - Factory assembled with 16 or 20 gauge galvanized steel Eagle Truss plates as required and graded kiln dried lumber as specified. In-plant quality control inspection is conducted under the auspices of the Truss Plate Institute. Trusses are designed with current standards and specifications for the stated loading.

TRUSS BRACING - All wood members must be properly braced until the complete structural system has been completed. Erection bracing is supplied by the erection contractor. The contractor must refer to TPI publication BCSI-B10 POST FRAME SUMMARY SHEET, "POST FRAME TRUSS INSTALLATION & TEMPORARY RESTRAINT / BRACING" for erection, handling and bracing guidance.

Refer to the truss detail for permanent lateral bracing requirements. All lateral bracing specified on the truss detail are intended to provide lateral restraint for individual truss members only. Additional permanent structural bracing specified on the drawings is supplied with the building package and must be installed as shown.

ATTIC DRAFTSTOPS (if applicable) - Maintain attic draft stops every 3,000 sq. ft. for enclosed attic spaces. Minimum attic access opening is 20"x30".

SKYLIGHTS (if applicable) - 0.06" nominal translucent FRP Alysintre/Structoglas Building Panel. These panels are used as exterior eave/light, skylight or roof panel applications.

HEATING AND VENTILATING (if applicable) - All work shall be done in strict accordance with state and local codes. Others shall submit separate plans and calculations for approval.

ELECTRICAL (if applicable) - All work shall be done in strict accordance with state and local codes. Electrical work is not part of this plan.

PLUMBING (if applicable) - All work shall be done in strict accordance with state and local codes. Provide thermal protection (insulation) of pipes under lavatory. Plumbing work is not part of this plan.

DRINKING FACILITIES (if applicable) - Drinking facilities (not in toilet rooms) must be provided in all public buildings.

FASTENING SCHEDULE

FLOOR CONSTRUCTION		
Built-up Girders & Beams	2nd common	3/2" o.c. direct
Brinding to Joists	8d common	2 ea. direct end
Floor Joists to Studs	10d common	5 direct or 3 direct
Floor Joists to Studs (W/ceiling joist)	10d common	2 direct
Floor Joists to Sill or Girder	8d common	3 toe nail
Ledger Strip	16d common	3 ea. direct joist
1" Subflooring (6" or less)	8d common	2 ea. direct joist
1" Subflooring (8" or more)	8d common	3 ea. direct joist
2" Subflooring	16d common	2 ea. direct joist
Particleboard Underlayment (1/4"-3/4")	6d annular threaded	6" o.c. direct edges & 12" o.c. intermediate

WOOD STRUCTURAL PANEL SUBFLOORING		
1/2" or less	6d common or 6d annular/spiral thread	6" o.c. direct edges & 12" o.c. intermediate
19/32" - 3/4"	8d common or 6d annular/spiral thread	6" o.c. direct edges & 12" o.c. intermediate
7/8" - 1-1/8"	10d common or 8d ring shank	6" o.c. direct edges
1/2" or less	16ga galvanized wire staples	4" o.c. edges & 7" o.c. intermediate
19/32, 5/8"	3/8" min. crown, 1-5/8" length	2-1/2" o.c. edges & 4" o.c. intermediate

WALL CONSTRUCTION		
Stud to sole plate	8d common	4 toe nail
Stud to cap plate	16d common	2 direct nail
Double studs	10d common	2 ea. direct
Corner studs	16d common	2 ea. direct
Sole plate to joist or blocking	16d common	16" o.c.
Interior-braced wall sole plate-parallel joist	16d common	12" o.c.
Double cap plate	10d common	16" o.c. direct nail
Cap plate laps	10d common	2 direct nail
Ribbon strip, 6" or less	10d common	2 ea. direct bearing
Ribbon strip, 6" or more	10d common	3 ea. direct bearing
Diagonal brace (to stud & plate)	8d common	2 ea. direct bearing
Interior-braced wall top plate-joist/blocking	10d common	12" o.c.
Wall beams to headers (nailing permitted)	20d common	1 ea. end 4 sq. ft. floor area
Header beams to trimmers (nailing permitted)	20d common	1 ea. end 8 sq. ft. floor area
Continuous header to stud	8d common	4 toe nail
Continuous header, two pieces	16d common	16" o.c. direct

ROOF & CEILING CONSTRUCTION		
Ceiling joists to plate	16d common	3 toe nail
Ceiling joists (laps over partition)	10d common	3 direct nail
Ceiling joists (parallel to rafter)	10d common	3 direct nail
Color seam	10d common	3 direct
Rafter to plate	8d common	3 toe nail
Rafter to ridge	16d common	2 toe nail or direct nail
Jack rafter to hip	10d common	3 toe nail
1" roof decking (6" width or less)	8d common	2 ea. direct rafter
1" roof decking (over 6" width)	8d common	3 ea. direct rafter

WALL & ROOF SHEATHING		
1" wall sheathing (c48")	8d common	2 ea. direct stud
1" wall sheathing (over 8" width)	8d common	3 ea. direct stud
1/2" fiberboard sheathing	1-1/2" GV roofing nail or 6d common or 16ga staple, 1-1/8" w/min. crown of 7/16"	3" o.c. exterior edge, 6" o.c. intermediate
25/32" fiberboard sheathing	1-3/4" GV roofing nail or 8d common or 16ga staple, 1-1/2" w/min. crown of 7/16"	3" o.c. exterior edge, 6" o.c. intermediate
Gypsum sheathing	12ga 1-1/4" large head, corrosion resistant	4" o.c. on edge, 8" o.c. intermediate
Gypsum sheathing (seismic tracing)	11ga 1-3/4" long 7/16" head	4" o.c. all bearing points
Particleboard wall sheathing (1/2" or less)	6d common	6" o.c. direct edges & 12" o.c. intermediate
Particleboard wall sheathing (5/8" or less)	8d common	6" o.c. direct edges & 12" o.c. intermediate

WOOD STRUCTURAL PANEL ROOF & WALL SHEATHING		
1/2" or less	6d common (walls); 8d common (roofs)	6" o.c. direct edges & 12" o.c. intermediate
19/32"-1"	8d common	6" o.c. direct edges & 12" o.c. intermediate
1" or greater	10d common	6" o.c. direct edges & 12" o.c. intermediate
1/2" or less	16ga wire staples	4" o.c. edges & 8" o.c. intermediate
19/32", 5/8"	same as immediately above	2-1/2" o.c. edges & 5" o.c. intermediate
Waterboarding	#14 B85 ga corrosion resistant	2 ea. bearing

Note A: Single nails shall penetrate not less than 3/4" into nailing strips, sheathing or supporting construction except as otherwise provided for in Section 1507.0.

Note B: For regions having a basic wind speed of 90 mph or greater where the main roof height is less than 25 ft. and for regions having basic wind speed of 80 mph or less, nails which attach wood structural panel roof sheathing to gable end wall framing shall be spaced 6" o.c. Where basic wind speed is greater than 80 mph, nails which attach panel roof sheathing to intermediate supports shall be spaced 6" o.c. of a minimum of a 48" distance from ridges, eaves & gable end walls & 4" o.c. to gable end wall framing.

Note C: For regions having a basic wind speed of 90 mph or greater, 8d deformed shank nails shall be utilized to attach wood structural panel roof sheathing to framing within a minimum 48" distance from gable end walls provided the main roof height is between 25' and 35'. For roof heights greater than 35' in a 90 mph or greater wind region, attachment of wood structural panel roof sheathing shall be designed for the wind loads in Section 1509.0.

Note D: Nails shall be spaced 6" o.c. direct to panel edges and 6" o.c. to intermediate supports where panel spans are 48" o.c. or greater.

Note E: 1" = 25.4mm, 1" = 304.8mm.

ABBREVIATIONS

ABV	Above	F.D.	Floor Drain
AFF	Above Finish Floor	F.E.	Fire Extinguisher
BBP	Blocking Between Purlins	F.O.	Framed Opening
BOT	Bottom	FT	Feet
BRG	Bearing	GA	Gage, Gauge
B.S.	Both Sides	GTE	Grade to Eave
c	Centerline	GTH	Grade to Heel
CFT	Cubic Foot	GV	Galvanized
C.H.	Ceiling Height	IN.	Inch
CLOS	Closet	PL	Property Line
COM	Common	PSF	Pounds per Square Foot
CMU	Concrete Masonry Unit	PSI	Pounds per Square Inch
d	Penny	P.T.	Pressure Treated
DBL	Double	R.C.	Raised Chord
Ea.	Each	R.O.	Rough Opening
E.E.	Each End	R.O.W.	Right of Way
E.F.	Each Face	S.C.	Straight Chord
E.W.	Each Way	STP	Steel Transfer Plate
LAM	Laminated	T&G	Tongue & Groove
L.A.V.	Lavatory	T.O.G.	Top of Ledger
MIL	Millimeter(s)	T.O.W.	Top of Wall
NBW	Not By Walters Buildings	T.O.C.	Top of Concrete
N.T.S.	Not To Scale	T.O.F.	Top of Floor
O.C.	On Center(s)	TYP	Typical(y)
O.C.E.W.	On Center Each Way	TRTD	Treated
OHD	Overhead Door	WH	Water Heater
O/O	Out to Out	WWM	Welded Wire Mesh



PROJECT NAME & LOCATION

JEFF HOLTZ LLC
BUILDING #2

8125 RACINE AVE
WIND LAKE, WI
53185

PROJECT LOAD SUMMARY

International Building Code 2015	
RISK CATEGORY II	
SNOW	
Pf=0.7*Ce*Cl*Pg	
P=CS*Pf	
Ground Snow Load (Pg):	30 PSF
Snow Exposure Factor (Ce):	1.0
Thermal Factor (Cl):	1.20
Importance Factor (I):	1.0
Flat Roof Snow Load (Pf):	25.2 PSF
Slope Factor (Cs):	1.00
Sloped Roof Snow Load (Ps):	25.2 PSF
Unbalanced Snow Load:	SPS 362.1608 26 PSF
Distance From Peak:	
Snow Load Used:	26 PSF
WIND	
Ultimate Wind Speed:	115
Nominal Wind Speed Conversion Factor:	0.69
Nominal Wind Speed:	89.1 mph
Exposure Category:	C
Qz = 0.00256*Kz*Kzt*Kd*(V^2)	
P = Qz/(GCpF)-(GCpi)	
Kzt:	1.00
Kz:	0.92
Kd:	0.85
Qz (Velocity Pressure):	16 PSF
Gcpi:	+0.18/-0.18
WIND LOAD USED (P):	16 PSF
MWFRS h<=60ft	
SEISMIC	
Ss (Mapped Spectral Response Acceleration 0.2 Sec):	8.7
S1 (Mapped Spectral Response Acceleration 1.0 Sec):	4.6
Sds:	0.093
SD1:	0.074
Seismic Importance Factor:	1.0
Seismic Design Category:	B
Site Class:	D
Basic Structural & Seismic Reinforcing System = Light Framed Walls w/ Stone Panels	
Seismic Base Shear:	1146 #
Cs (Seismic Response Coefficient):	0.013
R (Response Modification Factor):	7.0
Using Equivalent Lateral Force Procedure	
SOILS	
Presumed Soil Bearing Capacity:	3000 PSF
Presumed Lateral Soil Pressure:	200 PSF
Total Load:	
Roof/Live Load (reducible):	36 PSF
	20 PSF

Walters Buildings

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Allenton, WI 53002
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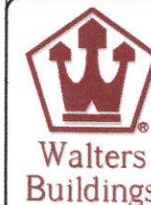
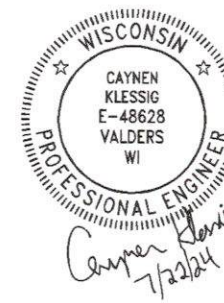
PROJECT CODE SUMMARY

CONSTRUCTION TYPE:		VB
Risk Category:		II
Use Group Classification:		S-1
NON-SPRINKLERED		
Tabular Allowable Area:	9000 sq ft	
Frontage Increase:	0.75	
Total Allowable Area:	12000 sq ft	
Allowable Height:	40 ft	
Allowable Stories:	1	
Proposed Building Area:	4800 sq ft	
OCCUPANT LOAD		
STORAGE = 4800 / 500gross = 9.6		
TOTAL OCCUPANT LOAD = 10		

SHEET INDEX

G1 GENERAL SPECIFICATIONS
A1,A1.1 ELEVATIONS
A2 FLOOR PLAN
S1 FOUNDATION PLAN
S2 FRAMING PLAN
S3 SECTIONS
T1 TRUSS & CONSTRUCTION DETAILS
A0 SITE PLAN

UNHEATED AND PRIMARILY UNOCCUPIED STORAGE BUILDING



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OWNER NAME:
JEFF HOLTZ LLC
BUILDING #2

OWNER ADDRESS:
360 92ND AVE
FRANKSVILLE, WI
53126

PROJECT NAME:
60x80' AUTO
STORAGE

PROJECT ADDRESS:
8125 RACINE AVE
WIND LAKE, WI
53185

SALES REP / DEALER:
JOSH OBERT

DRAFTER:
KIERSTEN D

ESTIMATOR:
JACOB R

LAST SAVED BY:
ONEILSON ON: 7/22/2024

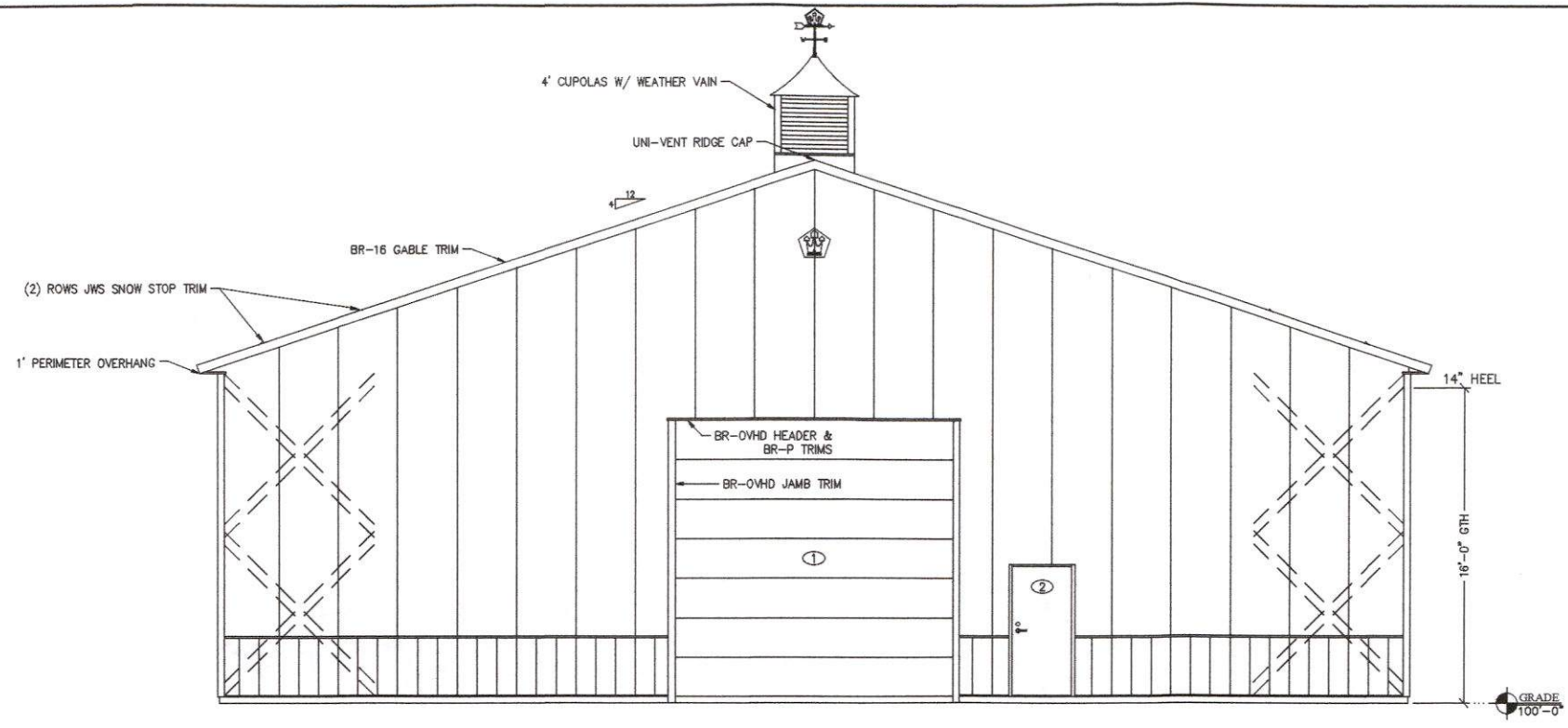
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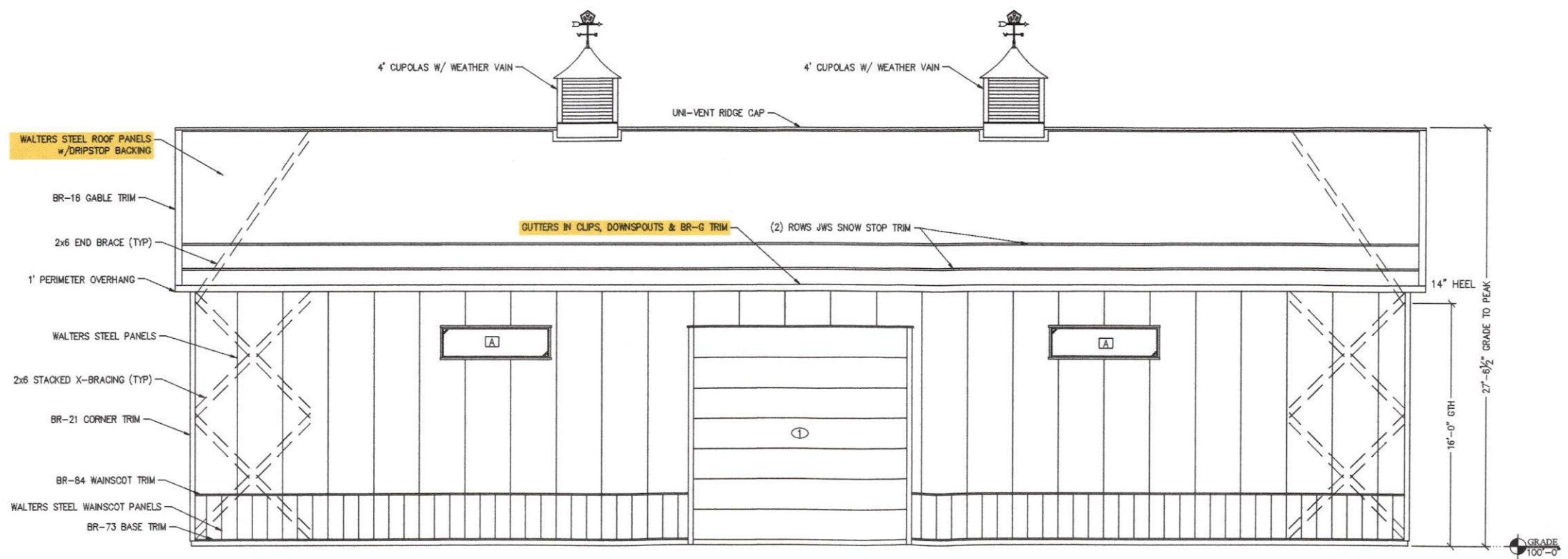
ENGINEER:
CAYNEN K/CARSON G

JOB NUMBER:
94-0785

SHEET NUMBER:
G1



1 WEST END ELEVATION
A1 SCALE: 3/16" = 1'-0"



2 SOUTH SIDE ELEVATION
A1 SCALE: 3/16" = 1'-0"

DOOR & WINDOW SCHEDULE			
TAG	TYPE	ROUGH OPENING W x H	QUANTITY
①	14'x14' HASS #612 V-GROOVED R-13.6 INSULATED OVERHEAD DOOR w/OPENER	196"x196"	3
②	3'x6'-8" PLYCO THERMAL BREAK WALKDOOR w/KIKKSET INTERCONNECTING LEVERSET & DEADBOLT & CLOSER	40 1/2"x82 1/2"	2
A	7'x2' PLYCO FIXED WINDOW	84"x24"	4

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OWNER NAME:
JEFF HOLTZ LLC
BUILDING #2

OWNER ADDRESS:
360 92ND AVE
FRANKSVILLE, WI
53126

PROJECT NAME:
60'x80' AUTO
STORAGE

PROJECT ADDRESS:
8125 RACINE AVE
WIND LAKE, WI
53185

SALES REP / DEALER:
JOSH OBERT

DRAFTER:
KIERSTEN D

ESTIMATOR:
JACOB R

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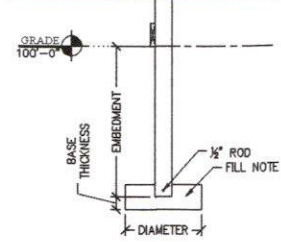
ENGINEER:
CAYNEN K/CARSON G

JOB NUMBER:
94-0785

SHEET NUMBER:

A1

FOOTING & FILL NOTE



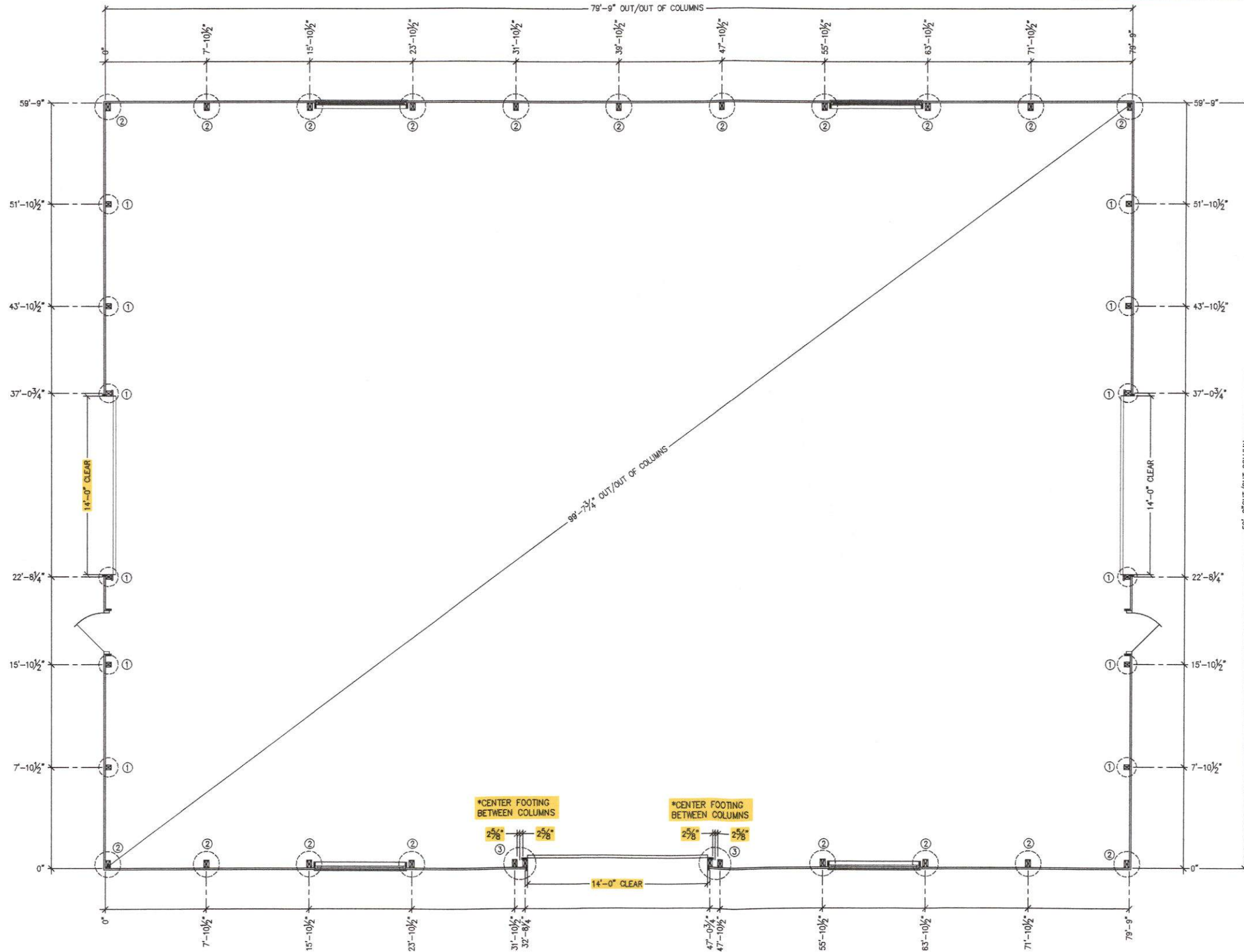
COLUMN & FOOTING SCHEDULE

TAG	COLUMN TYPE	DIAMETER	EMBEDMENT
①	(3)-PLY 2x6 #2 SYP STP LAM COLUMN	18" DIA	4'-0"
②	(3)-PLY 2x8 #1 SYP STP LAM COLUMN	24" DIA	4'-6"
③	2-(3)-PLY 2x8 #1 SYP STP LAM COLUMN	30" DIA	4'-6"

FILL SCHEDULE

DIAMETER	BASE THICKNESS	FILL NOTE	QUANTITY
18" DIA	8"	PLACE (2.0)-80# BAGS SAKRETE PREMIXED W/ WATER IN 8" BASE, ALLOW TO HARDEN, BACKFILL W/ (1.0)-80# BAG SAKRETE	12
24" DIA	8"	PLACE (4.0)-80# BAGS SAKRETE PREMIXED W/ WATER IN 8" BASE, ALLOW TO HARDEN, BACKFILL W/ (2.0)-80# BAG SAKRETE	19
30" DIA	8"	PLACE (6.0)-80# BAGS SAKRETE PREMIXED W/ WATER IN 8" BASE, ALLOW TO HARDEN, BACKFILL W/ (3.0)-80# BAG SAKRETE	2

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OWNER NAME:
JEFF HOLTZ LLC
BUILDING #2

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380 92ND AVE
FRANKSVILLE, WI
53126

PROJECT NAME:
60x80' AUTO
STORAGE

PROJECT ADDRESS:
8125 RACINE AVE
WIND LAKE, WI
53185

SALES REP / DEALER:
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DRAFTER:
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ESTIMATOR:
JACOB R

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ENGINEER:
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JOB NUMBER:
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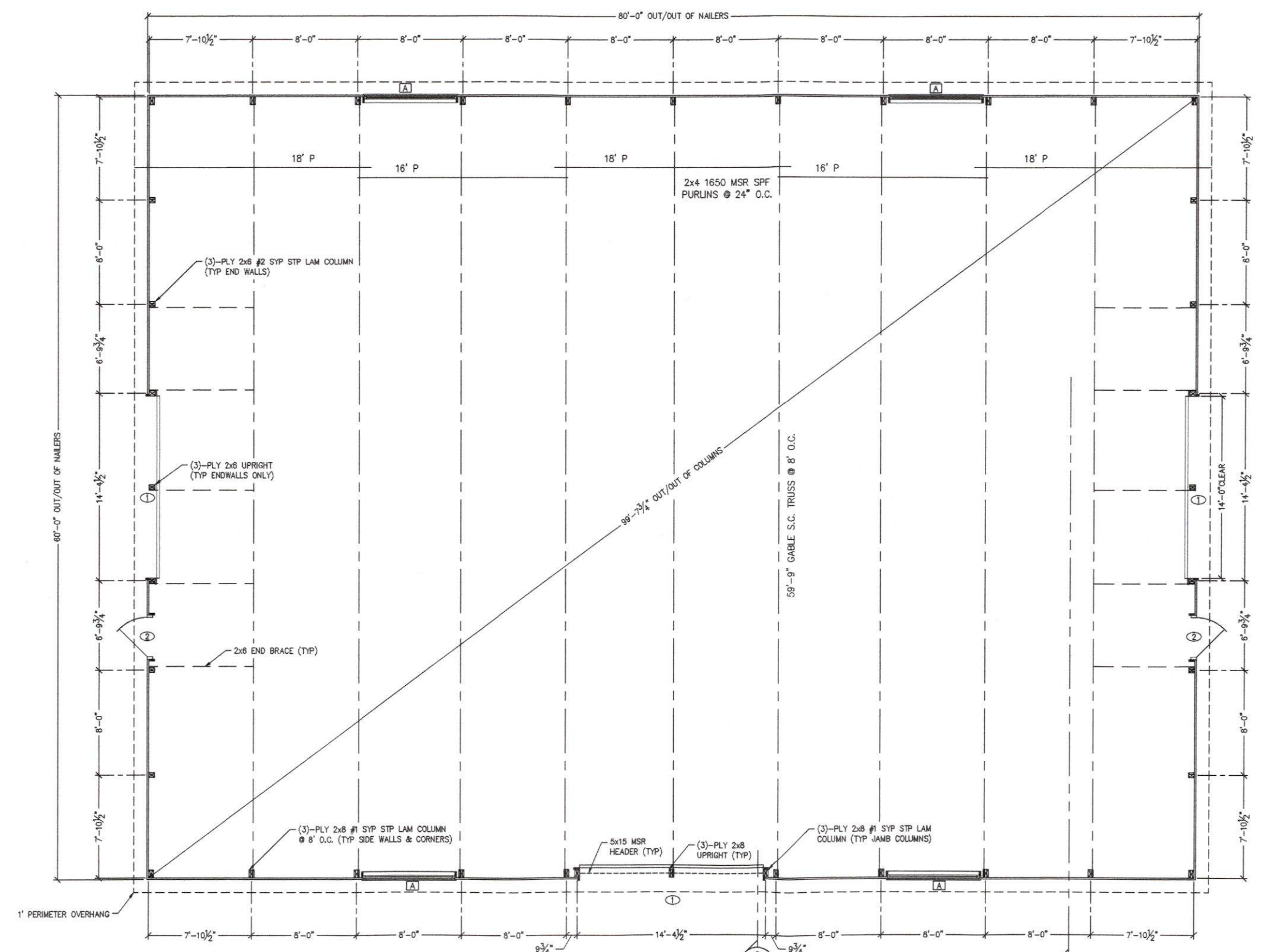
1 COLUMN PLAN
 S1 SCALE: 3/16" = 1'-0"



DOOR & WINDOW SCHEDULE			
TAG	TYPE	ROUGH OPENING W x H	QUANTITY
①	14'x14' HASS #612 V-GROOVED R-13.6 INSULATED OVERHEAD DOOR w/OPENER	196"x196"	3
②	3'x6'-8" PLYCO THERMAL BREAK WALKDOOR w/KWIKSET INTERCONNECTING LEVERSET & DEADBOLT & CLOSER	40 1/2"x82 1/2"	2
A	7'x2' PLYCO FIXED WINDOW	84"x24"	4



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1 FRAMING PLAN
 S2 SCALE: 3/16" = 1'-0"

OWNER NAME
 JEFF HOLTZ LLC
 BUILDING #2

OWNER ADDRESS
 360 92ND AVE
 FRANKSVILLE, WI
 53126

PROJECT NAME
 60x80' AUTO
 STORAGE

PROJECT ADDRESS
 8125 RACINE AVE
 WIND LAKE, WI
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ESTIMATOR:
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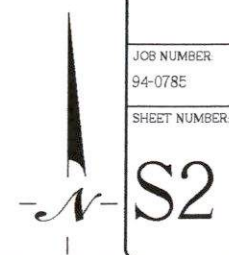
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ENGINEER
 CAYNEN K/CARSON G

JOB NUMBER
 94-078E

SHEET NUMBER





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SALES REP / DEALER
JOSH OBERT

DRAFTER
KIERSTEN D

ESTIMATOR
JACOB R

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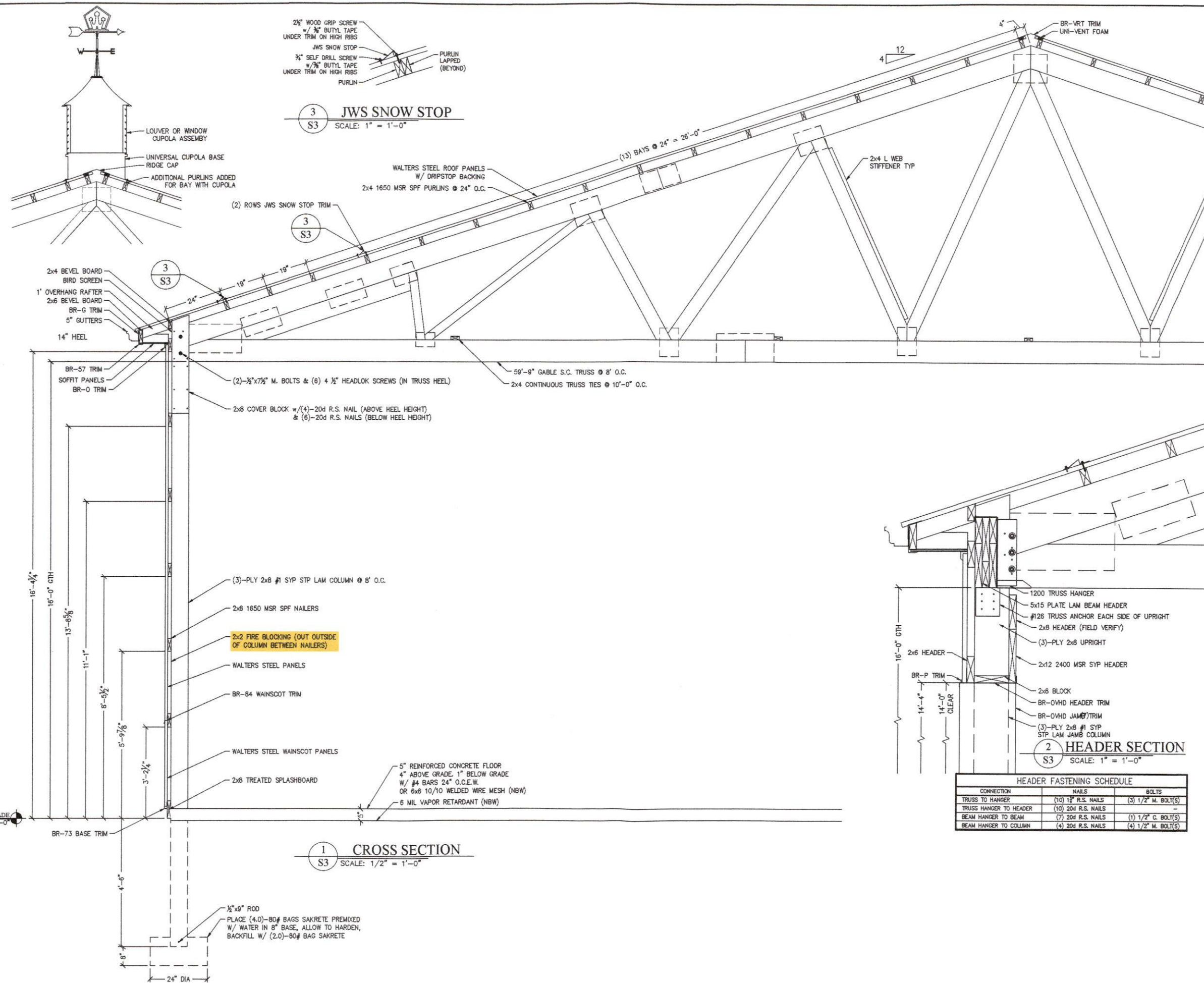
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ENGINEER
CAYNEN K/CARSON G

JOB NUMBER
94-078E

SHEET NUMBER

S3



3 JWS SNOW STOP
SCALE: 1" = 1'-0"

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

2 HEADER SECTION
SCALE: 1" = 1'-0"

CONNECTION	NAILS	BOLTS
TRUSS TO HANGER	(10) 1 1/2" R.S. NAILS	(3) 1/2" M. BOLT(S)
TRUSS HANGER TO HEADER	(10) 20d R.S. NAILS	-
BEAM HANGER TO BEAM	(7) 20d R.S. NAILS	(1) 1/2" C. BOLT(S)
BEAM HANGER TO COLUMN	(4) 20d R.S. NAILS	(4) 1/2" M. BOLT(S)

GRADE
100'-0"

16'-4 1/4"
16'-0" GTH
13'-6 5/8"
11'-1"
6'-5 1/2"
5'-9 7/8"
3'-2 1/4"
4'-6"

2x4 BEVEL BOARD
BIRD SCREEN
1' OVERHANG RAFTER
2x6 BEVEL BOARD
BR-G TRIM
5" GUTTERS
14" HEEL

LOUVER OR WINDOW
CUPOLA ASSEMBLY
UNIVERSAL CUPOLA BASE
RIDGE CAP
ADDITIONAL PURLIN ADDED
FOR BAY WITH CUPOLA

2 1/2" WOOD GRIP SCREW
w/ 3/8" BUTYL TAPE
UNDER TRIM ON HIGH RIBS
JWS SNOW STOP
3/4" SELF DRILL SCREW
w/ 3/8" BUTYL TAPE
UNDER TRIM ON HIGH RIBS
PURLIN
PURLIN LAPPED
(BEYOND)

WALTERS STEEL ROOF PANELS
w/ DRIPSTOP BACKING
2x4 1850 MSR SPF PURLINS @ 24" O.C.

(2) ROWS JWS SNOW STOP TRIM

(2)-1/2"x7 1/2" M. BOLTS & (6) 4 1/2" HEADLOK SCREWS (IN TRUSS HEEL)
2x6 COVER BLOCK w/ (4)-20d R.S. NAIL (ABOVE HEEL HEIGHT)
& (8)-20d R.S. NAILS (BELOW HEEL HEIGHT)

(3)-PLY 2x8 #1 SYP STP LAM COLUMN @ 8' O.C.

2x6 1850 MSR SPF NAILERS

2x2 FIRE BLOCKING (OUT OUTSIDE
OF COLUMN BETWEEN NAILERS)

WALTERS STEEL PANELS

BR-54 WAINSCOT TRIM

WALTERS STEEL WAINSCOT PANELS

2x6 TREATED SPLASHBOARD

5" REINFORCED CONCRETE FLOOR
4" ABOVE GRADE, 1" BELOW GRADE
w/ #4 BARS 24" O.C.E.W.
OR 6x6 10/10 WELDED WIRE MESH (NBW)
6 MIL VAPOR RETARDANT (NBW)

1/2"x9" ROD
PLACE (4.0)-80# BAGS SAKRETE PREMIXED
w/ WATER IN 8" BASE, ALLOW TO HARDEN,
BACKFILL w/ (2.0)-80# BAG SAKRETE

59'-9" GABLE S.C. TRUSS @ 8' O.C.
2x4 CONTINUOUS TRUSS TIES @ 10'-0" O.C.

12
4
2x4 L WEB
STIFFENER TYP

1200 TRUSS HANGER
5x15 PLATE LAM BEAM HEADER
#126 TRUSS ANCHOR EACH SIDE OF UPRIGHT
2x8 HEADER (FIELD VERIFY)
(3)-PLY 2x8 UPRIGHT
2x12 2400 MSR SYP HEADER
2x6 BLOCK
BR-OVHD HEADER TRIM
BR-OVHD JAMB TRIM
(3)-PLY 2x8 #1 SYP
STP LAM JAMB COLUMN

16'-0" GTH
14'-4"
14'-0" CLEAR

CONNECTION	NAILS	BOLTS
TRUSS TO HANGER	(10) 1 1/2" R.S. NAILS	(3) 1/2" M. BOLT(S)
TRUSS HANGER TO HEADER	(10) 20d R.S. NAILS	-
BEAM HANGER TO BEAM	(7) 20d R.S. NAILS	(1) 1/2" C. BOLT(S)
BEAM HANGER TO COLUMN	(4) 20d R.S. NAILS	(4) 1/2" M. BOLT(S)



Walters Buildings

Jack Walters & Sons, Corp.
P.O. Box 388
6600 Midland Ct.
Allenton, WI 53002
1-800-558-7800
www.waltersbuildings.com

OWNER NAME
JEFF HOLTZ LLC
BUILDING #2

OWNER ADDRESS
360 92ND AVE
FRANKSVILLE, WI
53126

PROJECT NAME
60'x80' AUTO
STORAGE

PROJECT ADDRESS
8125 RACINE AVE
WIND LAKE, WI
53185

SALES REP / DEALER
JOSH OBERT

DRAFTER
KIERSTEN D

ESTIMATOR
JACOB R

LAST SAVED BY:
DNELSON ON: 7/22/2024

PAPER SIZE
ARCH FULL BLEED C (18.00 X 24.00 INCHES)

SCALE
AS NOTED

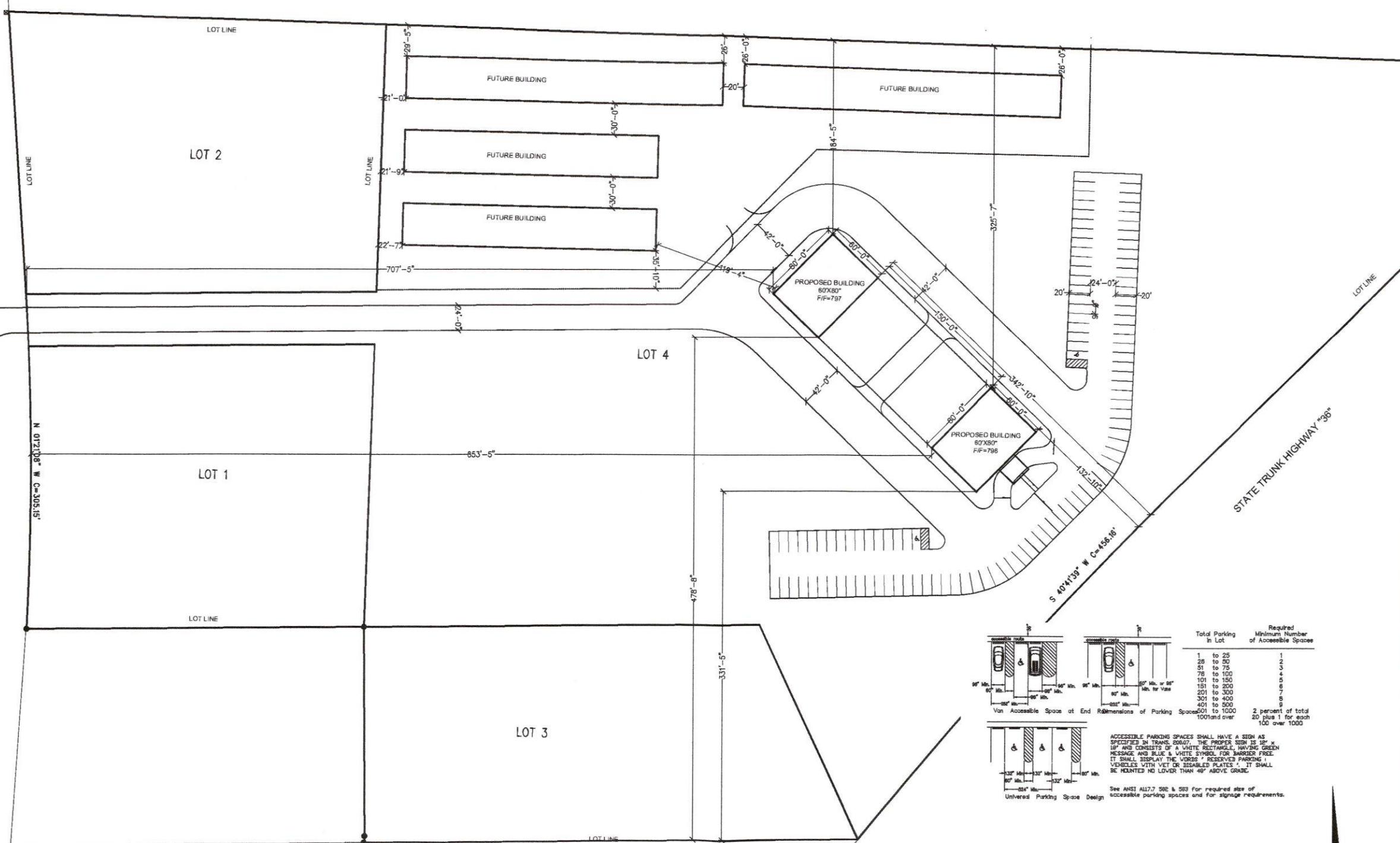
ENGINEER
CAYNEN K/CARSON G

JOB NUMBER
94-078E

SHEET NUMBER

A0

COUNTY TRUNK HIGHWAY "A"



Total Parking in Lot	Required Minimum Number of Accessible Spaces
1 to 25	1
26 to 50	2
51 to 75	3
76 to 100	4
101 to 150	5
151 to 200	6
201 to 300	7
301 to 400	8
401 to 500	9
501 to 1000	2 percent of total
1000 and over	plus 1 for each 100 over 1000

ACCESSIBLE PARKING SPACES SHALL HAVE A SIGN AS SPECIFIED IN TRANS. 304.07. THE PROPER SIGN IS 36" X 48" AND CONSISTS OF A WHITE RECTANGLE, HAVING GREEN MESSAGE AND BLUE & WHITE SYMBOL FOR BARRIER FREE. IT SHALL DISPLAY THE WORDS "RESERVED PARKING" VEHICLES WITH VET OR DISABLED PLATES". IT SHALL BE MOUNTED NO LOWER THAN 48" ABOVE GRADE.

See ANSI A117.7 SR2 & SR3 for required size of accessible parking spaces and for signage requirements.

1 SITE PLAN
A0 SCALE: 1:750