

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:

1. Strength to be a minimum of 3000 PSI at 28 days for walls and footings.
2. Strength to be a minimum of 3500 PSI at 28 days for floor slabs.
3. 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.

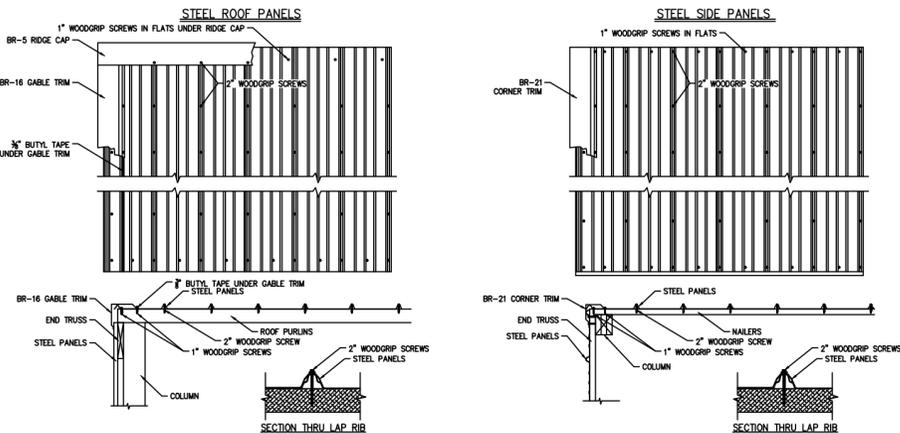
STRUCTURAL LAMINATED COLUMNS - The No. 2 or better southern yellow pine S4S structural columns used in this Walters Building shall consist of 3 or more members sized as shown on the plans, steel plate laminated, and designed to meet the structural load requirements. Column lumber is kiln-dried to a 19%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

STEEL PANEL SCREWING PATTERN



STANDARD ROUGH OPENINGS FOR STANDARD PLYCO WALKDOORS		
CALL SIZE	DOOR	ROUGH OPENING WIDTH (in.) x HEIGHT (in.)
3068	COMMERCIAL PLYCO 20 SERIES	40 3/4" x 81 3/4"
6068	COMMERCIAL PLYCO 20 SERIES	77 3/4" x 81 3/4"
3068	3-HOUR RATED PLYCO 22 SERIES	40 3/4" x 82 3/4"
6068	3-HOUR RATED PLYCO 22 SERIES	76 3/4" x 82 3/4"
3068	THERMAL BREAK PLYCO 92 TB ALUMINUM FRAME SERIES	40 3/4" x 82 3/4"
6068	THERMAL BREAK PLYCO 92 TB SERIES STANDARD W/ MULLION	78 3/4" x 82 3/4"
6068	THERMAL BREAK PLYCO 92 TB SERIES OPTIONAL W/ ASTRAGAL	77 3/4" x 82 3/4"

FASTENING SCHEDULE

FLOOR CONSTRUCTION		
Built-up Girders & Beams	20d common	32" o.c. direct
Bridging 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 8d annular or spiral thread	6" o.c. direct edges & 12" o.c. intermediate
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	16d common	4 toe nail
Stud to cap plate	16d common	2 direct nail
Double studs	10d common	2 toe nail or 2 direct nail
Corner studs	16d common	12" o.c. direct
Sole plate to joist or blocking	16d common	24" o.c. direct
Interior-braced wall sole plate-parallel joist	16d common	16" o.c.
Double cap plate	10d common	12" o.c.
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.
Fall 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
Girder beam	10d common	3 direct
Roof rafter to plate	8d common	3 toe nail
Roof 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)	16d common	2 direct nail
1" roof decking (over 6" width)	8d common	2 ea. direct rafter
	8d common	3 ea. direct rafter

WALL & ROOF SHEATHING		
1" wall sheathing (<8")	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 GV wire staples	4" o.c. edges & 8" o.c. intermediate
19/32", 5/8"	3/8" min. crown 1" length + panel thickness	2-1/2" o.c. edges & 5" o.c. intermediate
Shingles	#14 33S ga corrosion resistant	2 ea. bearing
Waterboarding	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 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 mean 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
B.O.S.	Bottom Of Splashboard	FT	Feet
BRG	Bearing	GA	Gage, Gauge
B.S.	Both Sides	GTE	Grade To Eave
€	Centerline	GTH	Grade To Heel
CFT	Cubic Foot	GTP	Grade To Peak
C.H.	Ceiling Height	GV	Galvanized
CLOS	Closet	IN.	Inch
COM	Common	PL	Property Line
CMU	Concrete Masonry Unit	PSF	Pounds per Square Foot
d	Penny	PSI	Pounds per Square Inch
DBL	Double	P.T.	Pressure Treated
Ea.	Each	R.C.	Raised Chord
E.E.	Each End	R.O.	Rough Opening
E.F.	Each Face	R.P.	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	WMM	Welded Wire Mesh



PROJECT NAME & LOCATION

OWNER NAME:	PROJECT ADDRESS:
JOHN FISCHER	2525 AVIATION DRIVE WAUKESHA, WI 53188 WAUKESHA COUNTY

PROJECT LOAD SUMMARY

International Building Code 2021	
RISK CATEGORY II	
SNOW	
Pf= 0.7°Ce*Ct*I*Pg	
Ps= Cs*Pf	
Ground Snow Load (Pg) :	30 PSF
Snow Exposure Factor (Ce) :	1.00
Thermal Factor (Ct) :	1.20
Importance Factor (I) :	1.00
Flat Roof Snow Load (Pf) :	25.2 PSF
Slope Factor (Cs) :	1.00
Sloped Roof Snow Load (Ps) :	25.2 PSF
Unbalanced Snow Load per SPS 362.1608 :	28.2 PSF
Balanced Snow Load Used :	26 PSF

WIND	
Ultimate Wind Speed :	115 mph
Nominal Wind Speed Conversion Factor :	√(0.6)
Nominal Wind Speed :	89.1 mph
Exposure Category :	C
Qz = 0.00256*Kz*Kzt*Kd*(V ²)	
P = Qz((GCp)-(GCpi))	
Kzt :	1.00
Kz :	0.96
Kd :	0.85
Qz (Velocity Pressure) :	16.5 PSF
Gcpi :	+0.18 / -0.18
WIND LOAD USED (P) :	16.5 PSF
MWFRS h<= 60ft	

SEISMIC	
Ss (Mapped Spectral Response Acceleration 0.2 Sec) :	0.076 g
S1 (Mapped Spectral Response Acceleration 1.0 Sec):	0.048 g
Sds :	0.0811
SD1 :	0.0768
Seismic Importance Factor :	1.00
Seismic Design Category :	B
Site Class :	D
Basic Structural & Seismic Resisting System = Light Framed Walls w/ Shear Panels	
Seismic Base Shear :	801 #
Cs (Seismic Response Coefficient) :	0.012
R (Response Modification Factor) :	7
Using Equivalent Lateral Force Procedure	
SOILS	
Presumed Soil Bearing Capacity :	2000 PSF
Presumed Lateral Soil Pressure :	200 PSF
Roof Live Load (reducible)	20 PSF
Total Load :	26 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
NON-SPRINKLERED	
Tabular Allowable Area :	9000 sq ft
Frontage Increase :	0
Total Allowable Area :	9000 sq ft
Allowable Height :	40 ft
Allowable Stories :	1
Proposed Building Area:	3840 sq ft
OCCUPANT LOAD	
Aircraft Hangar = 3840 / 500gross = 7.68	
TOTAL OCCUPANT LOAD = 8	

SHEET INDEX

G1	GENERAL SPECIFICATIONS
A1-A1.3	ELEVATIONS
A2	FLOOR PLAN
S0	CONCRETE PLAN
S0.1	CONCRETE DETAILS
S1	COLUMN PLAN
S2	FRAMING PLAN
S2.1	JOIST PLAN
S3-S5	SECTIONS
D1	CONSTRUCTION DETAILS
T1	TRUSS DETAILS
SP	BUILDING LOCATION PLAN

NOTES:

GROUP III HANGAR

NOTES:

Heating equipment that is suspended at least 10 feet above the upper surface of wings or engine enclosures of the highest aircraft which may be housed in the hangar; or at least 8 feet above the floor in shops, offices, and other sections of the hangar communicating with storage or service areas or separated by 2-hour fire barriers.

WISCONSIN PROFESSIONAL ENGINEER
CAYNEN KLESSIG
E-48628
VALDERS WI
Caynen Klessig 9/15/26

ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

SHEET NUMBER:
G1

Walters Buildings

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



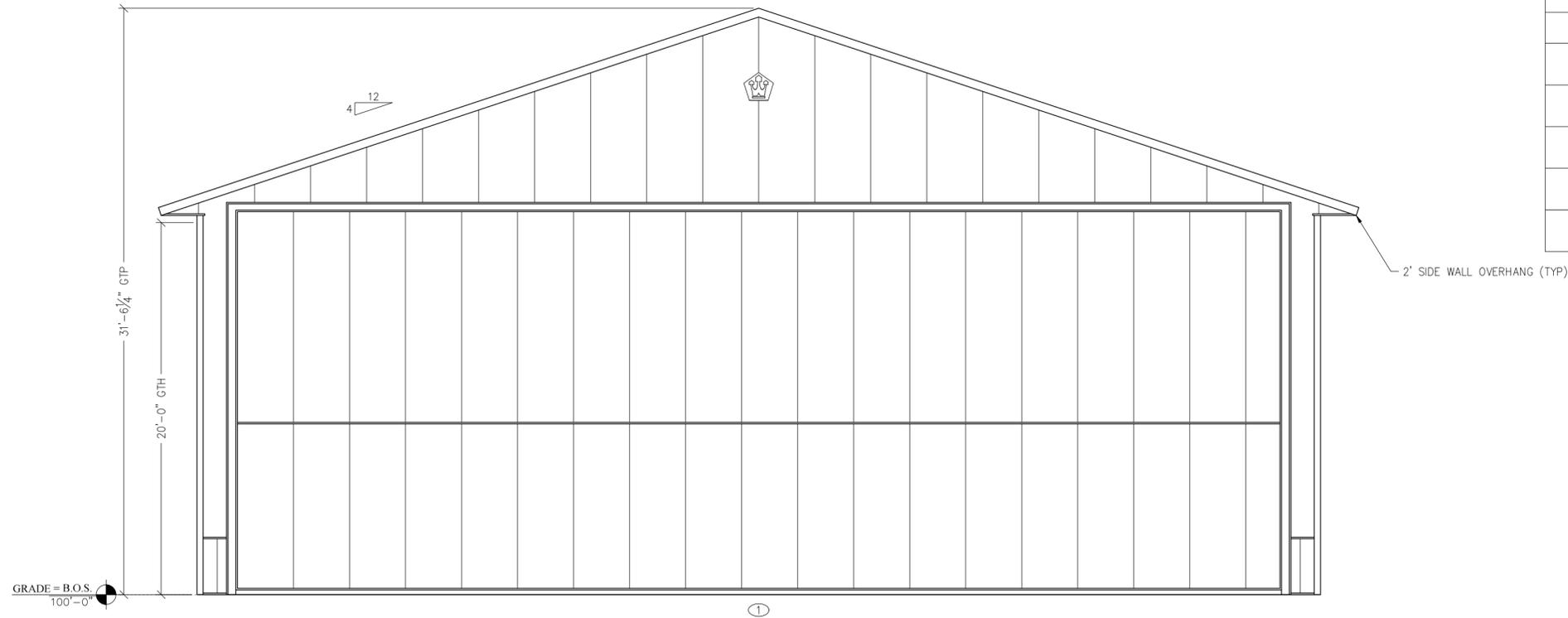
Walters Buildings

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

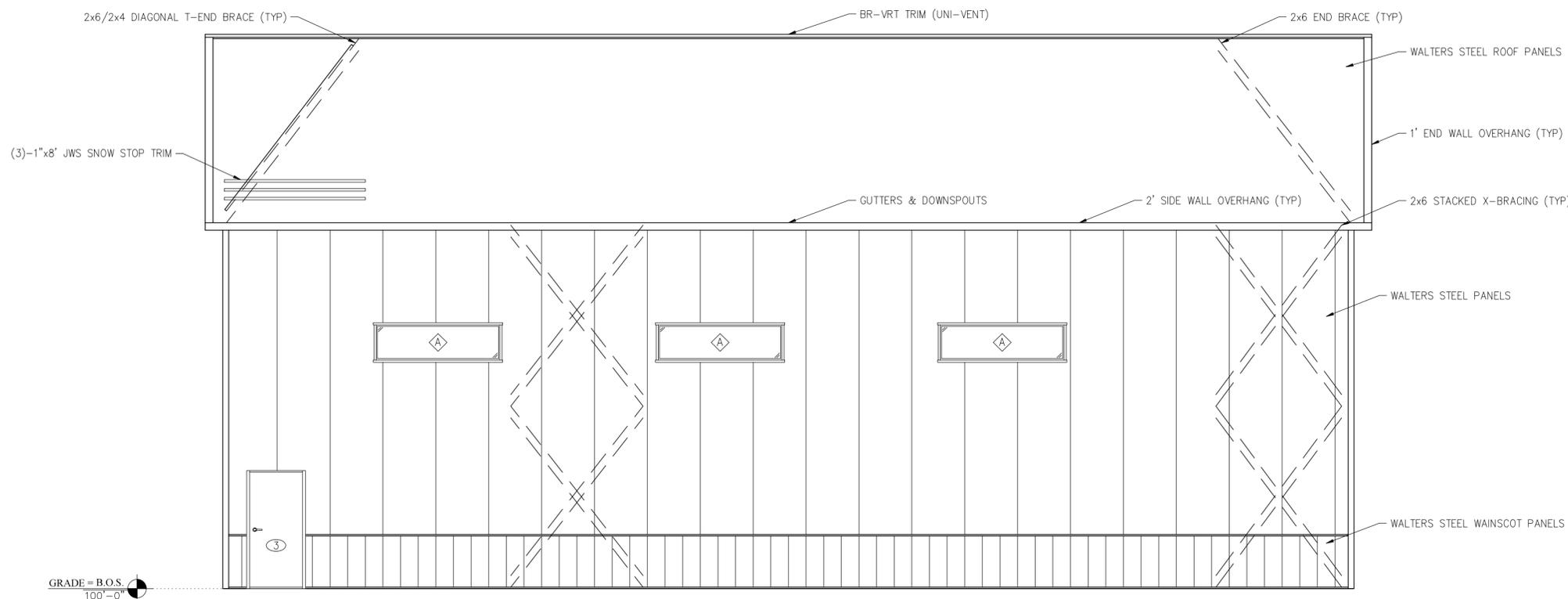
DOOR & WINDOW SCHEDULE

MAINTAIN LEVEL APPROACH TO ALL WALKDOORS *FIELD VERIFY ALL WINDOW SILL HEIGHTS*
SEE PAGE G1 FOR PLYCO ROUGH OPENING SIZES

TAG	TYPE	QUANTITY
①	56'x18' SCHWEISS BI-FOLD DOOR U=0.35	1
②	12'-0"x12'-0" CLOPAY OVERHEAD DOOR w/3' HIGH LIFT U=0.17	1
③	3068 THERMAL BREAK PLYCO 92 TB ALUMINUM FRAME SERIES w/CLOSER U=0.24	2
④	3068 INTERIOR WALKDOOR	1
Ⓐ	7'-0"x2'-0" FIXED WINDOW U=0.29	6



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



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

OWNER NAME:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE
HANGAR #1

PROJECT ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

SCALE: 3/16" = 1'-0"
0 3 7

ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

SHEET NUMBER:

A1

DOOR & WINDOW SCHEDULE

MAINTAIN LEVEL APPROACH TO ALL WALKDOORS *FIELD VERIFY ALL WINDOW SILL HEIGHTS*
 SEE PAGE G1 FOR PLYCO ROUGH OPENING SIZES

TAG	TYPE	QUANTITY
①	56'x18' SCHWEISS BI-FOLD DOOR U=0.35	1
②	12'-0"x12'-0" CLOPAY OVERHEAD DOOR w/3' HIGH LIFT U=0.17	1
③	3068 THERMAL BREAK PLYCO 92 TB ALUMINUM FRAME SERIES w/CLOSER U=0.24	2
④	3068 INTERIOR WALKDOOR	1
Ⓐ	7'-0"x2'-0" FIXED WINDOW U=0.29	6



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:
 JOHN FISCHER

OWNER ADDRESS:
 2525 AVIATION DRIVE
 WAUKESHA, WI 53188
 WAUKESHA COUNTY

PROJECT NAME:
 60x64 AIRPLANE HANGAR #1

PROJECT ADDRESS:
 2525 AVIATION DRIVE
 WAUKESHA, WI 53188
 WAUKESHA COUNTY

SALES REP / DEALER:
 MARSHALL WISTH

DRAFTER:
 ADAM CRAPSER

ESTIMATOR:
 CHARLES SMITH

LAST SAVED BY:
 ACRAPSER ON: 2/24/2026

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

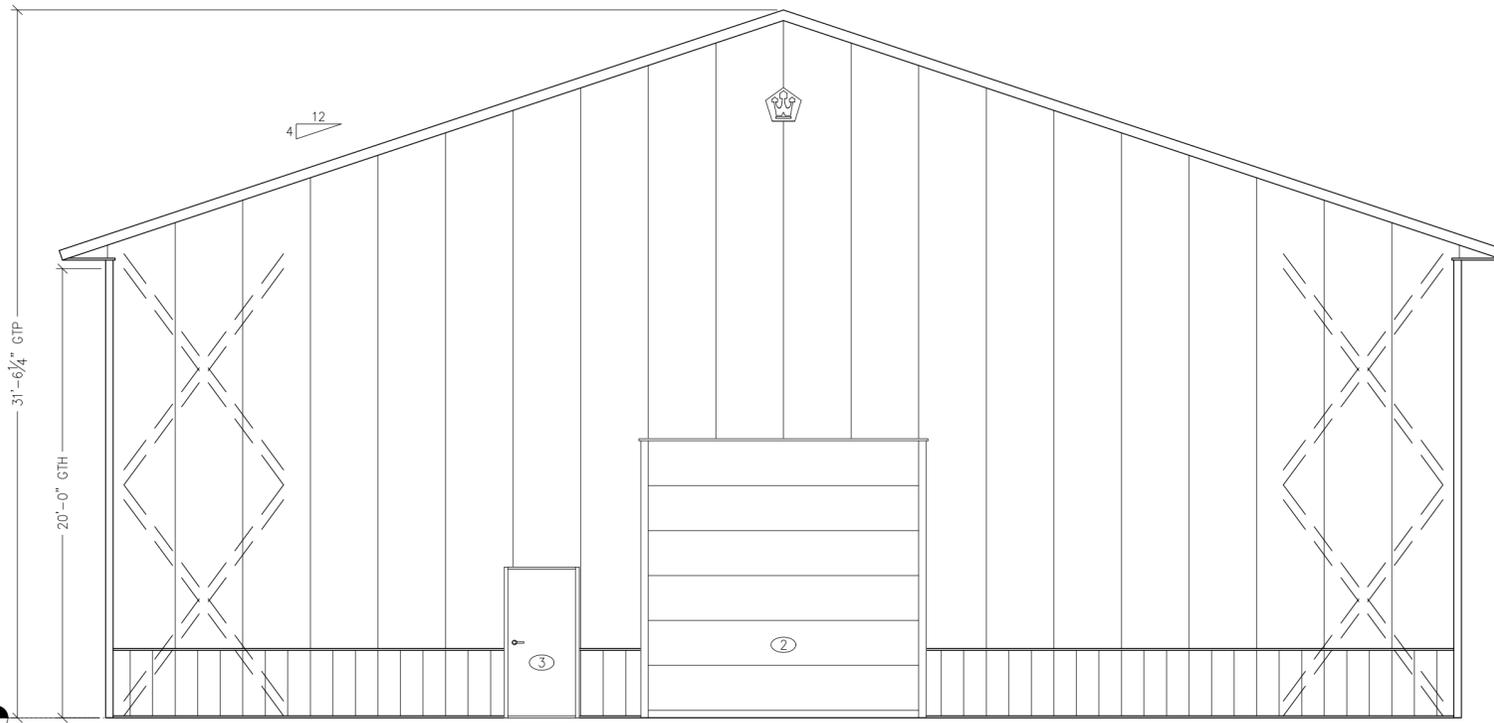
SCALE: 3/16" = 1'-0"

ENGINEER:
 CAYNEN KLESSIG

JOB NUMBER:
 95-2132

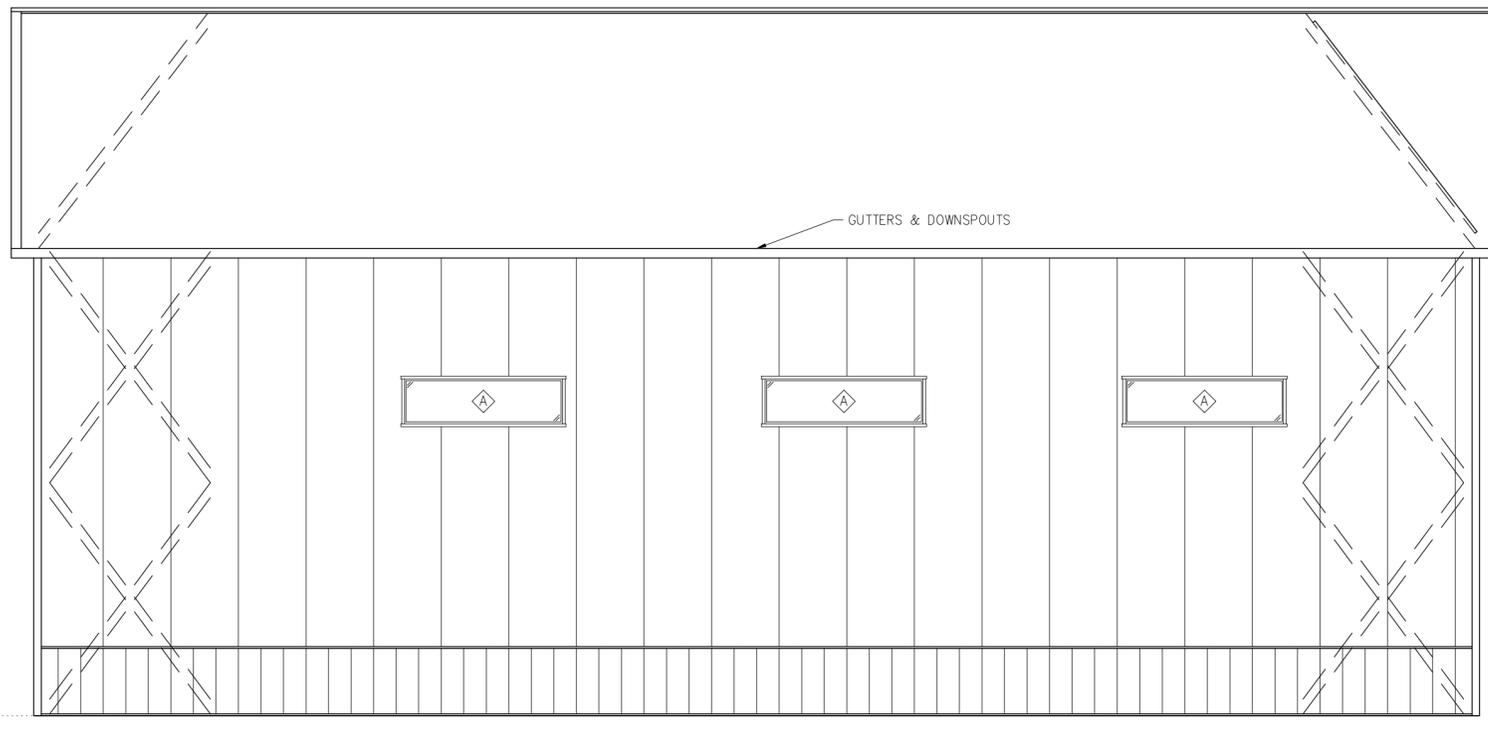
SHEET NUMBER:

A1.1

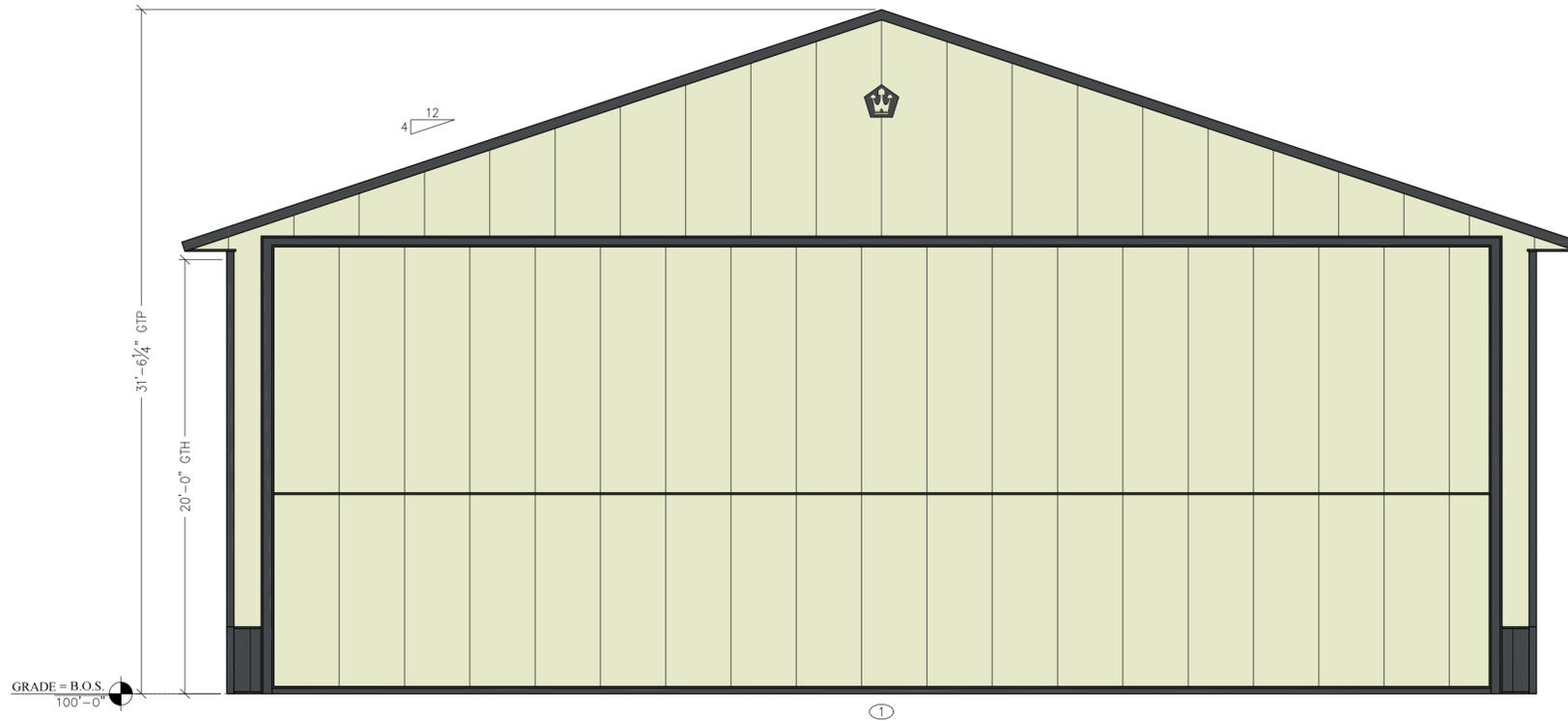


NOTE:
 SAME AS SHEET A1 EXCEPT FOR ITEMS NOTED

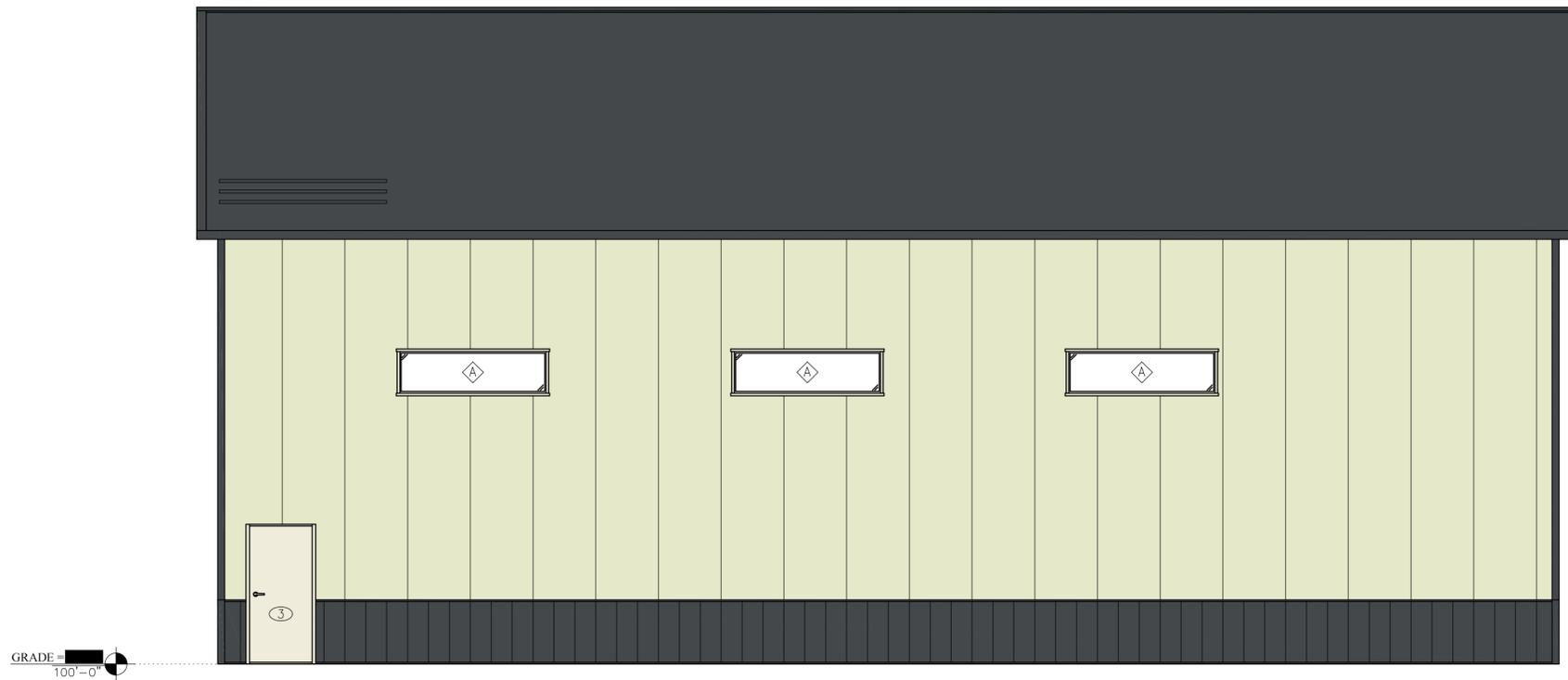
1 NORTH END ELEVATION
 A1.1 SCALE: 3/16" = 1'-0"



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



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



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

DOOR & WINDOW SCHEDULE		
MAINTAIN LEVEL APPROACH TO ALL WALKDOORS *FIELD VERIFY ALL WINDOW SILL HEIGHTS*		
SEE PAGE G1 FOR PLYCO ROUGH OPENING SIZES		
TAG	TYPE	QUANTITY
①	56'x18' SCHWEISS BI-FOLD DOOR U=0.35	1
②	12'-0"x12'-0" CLOPAY OVERHEAD DOOR w/3' HIGH LIFT U=0.17	1
③	3068 THERMAL BREAK PLYCO 92 TB ALUMINUM FRAME SERIES w/CLOSER U=0.24	2
④	3068 INTERIOR WALKDOOR	1
◇A	7'-0"x2'-0" FIXED WINDOW U=0.29	6



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:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE
HANGAR #1

PROJECT ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

SCALE: 3/16" = 1'-0"
0 3 7

ENGINEER:
CAYNEN KLESSIG

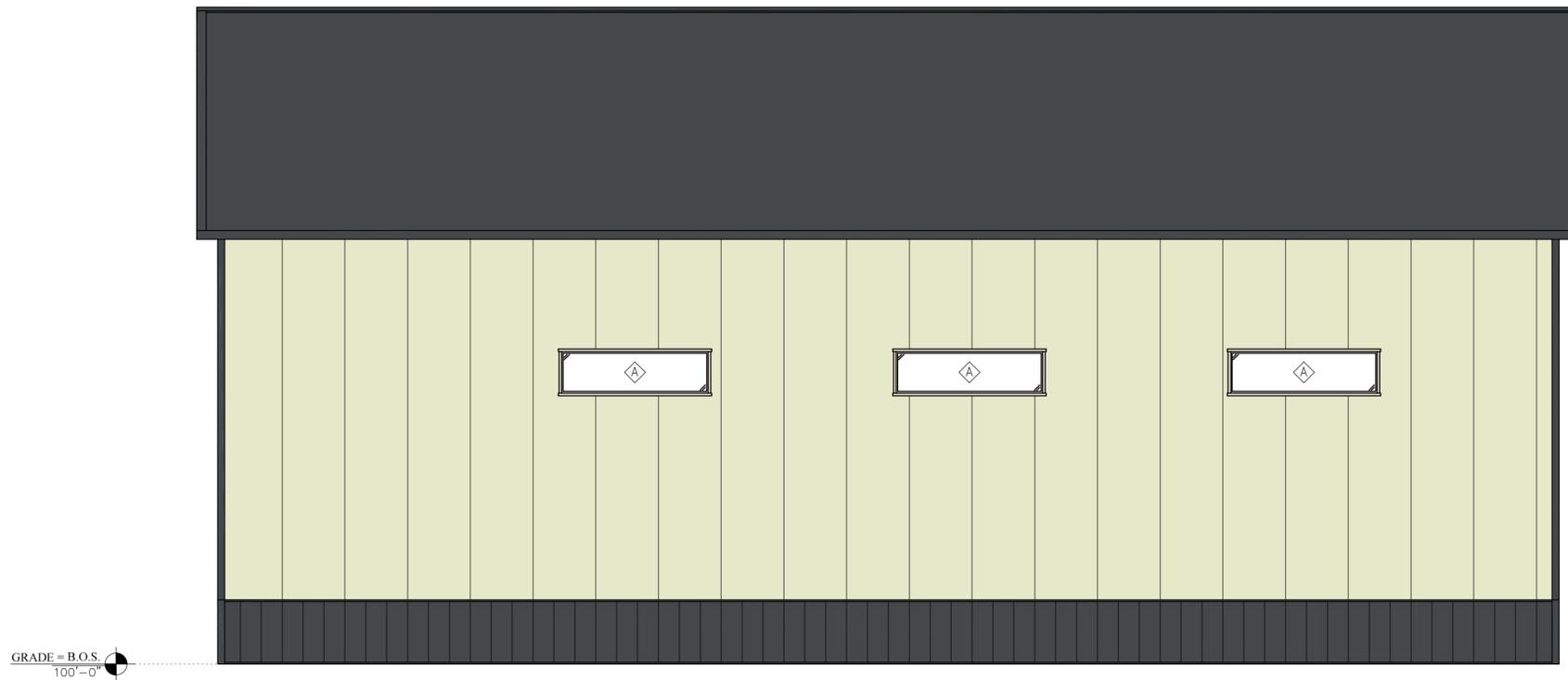
JOB NUMBER:
95-2132

SHEET NUMBER:

A1.2



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



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

DOOR & WINDOW SCHEDULE		
MAINTAIN LEVEL APPROACH TO ALL WALKDOORS *FIELD VERIFY ALL WINDOW SILL HEIGHTS*		
SEE PAGE G1 FOR PLYCO ROUGH OPENING SIZES		
TAG	TYPE	QUANTITY
①	56'x18' SCHWEISS BI-FOLD DOOR U=0.35	1
②	12'-0"x12'-0" CLOPAY OVERHEAD DOOR w/3' HIGH LIFT U=0.17	1
③	3068 THERMAL BREAK PLYCO 92 TB ALUMINUM FRAME SERIES w/CLOSER U=0.24	2
④	3068 INTERIOR WALKDOOR	1
◊	7'-0"x2'-0" FIXED WINDOW U=0.29	6



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:
 JOHN FISCHER

OWNER ADDRESS:
 2525 AVIATION DRIVE
 WAUKESHA, WI 53188
 WAUKESHA COUNTY

PROJECT NAME:
 60x64 AIRPLANE HANGAR #1

PROJECT ADDRESS:
 2525 AVIATION DRIVE
 WAUKESHA, WI 53188
 WAUKESHA COUNTY

SALES REP / DEALER:
 MARSHALL WISTH

DRAFTER:
 ADAM CRAPSER

ESTIMATOR:
 CHARLES SMITH

LAST SAVED BY:
 ACRAPSER ON: 2/24/2026

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

SCALE: 3/16" = 1'-0"

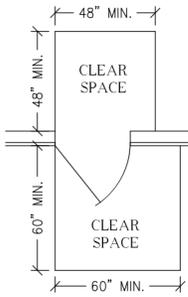
ENGINEER:
 CAYNEN KLESSIG

JOB NUMBER:
 95-2132

SHEET NUMBER:

A1.3

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 THUS (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

MAINTAIN LEVEL APPROACH TO ALL WALKDOORS *FIELD VERIFY ALL WINDOW SILL HEIGHTS*
SEE PAGE G1 FOR PLYCO ROUGH OPENING SIZES

TAG	TYPE	QUANTITY
①	56'x18' SCHWEISS BI-FOLD DOOR U=0.35	1
②	12'-0"x12'-0" CLOPAY OVERHEAD DOOR w/3' HIGH LIFT U=0.17	1
③	3068 THERMAL BREAK PLYCO 92 TB ALUMINUM FRAME SERIES w/CLOSER U=0.24	2
④	3068 INTERIOR WALKDOOR	1
△	7'-0"x2'-0" FIXED WINDOW U=0.29	6



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:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE
HANGAR #1

PROJECT ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

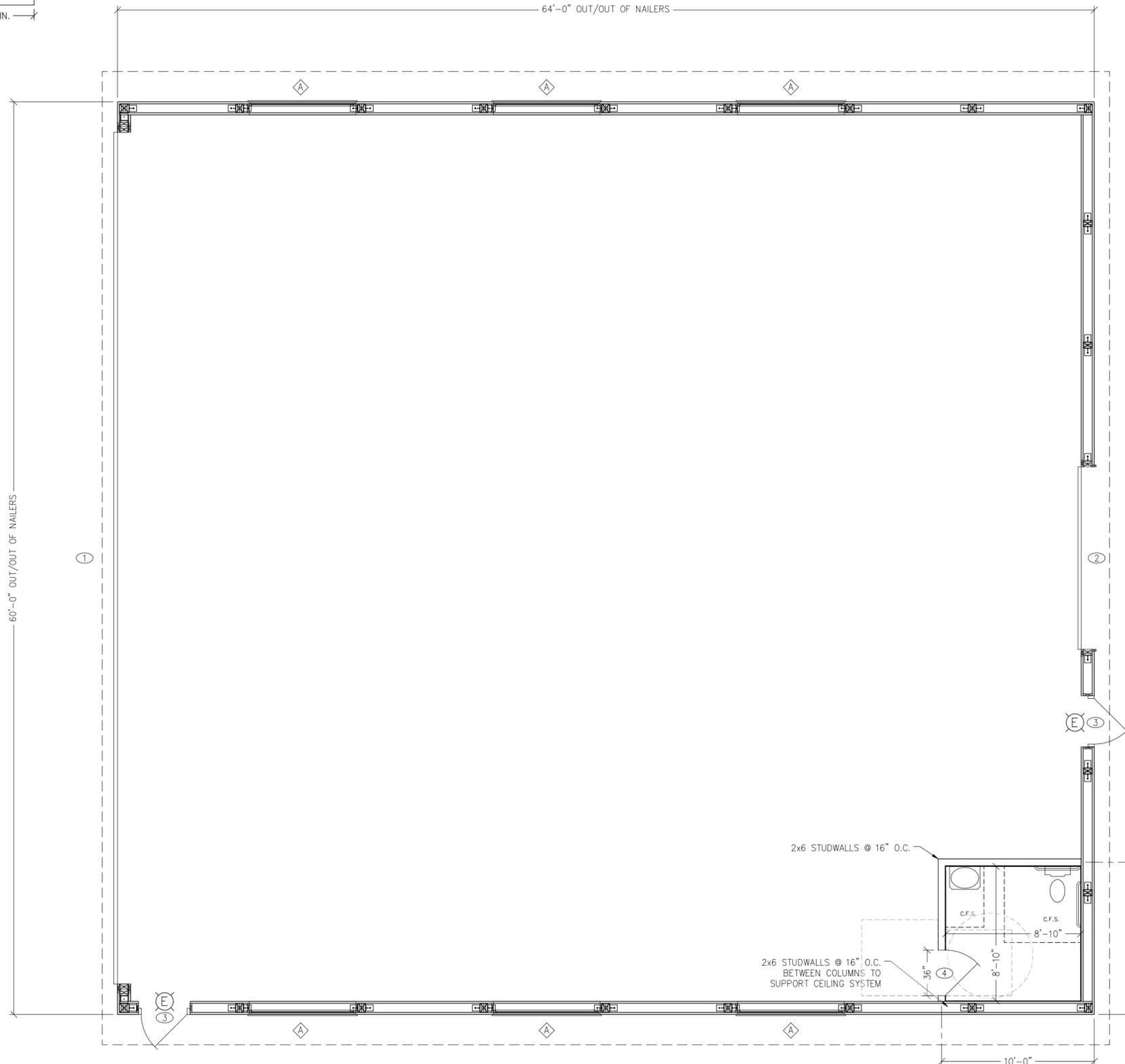
SCALE: 3/16" = 1'-0"
0 3 7

ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

SHEET NUMBER:

A2



STRONG-BOLT 2 SPECIFICATIONS

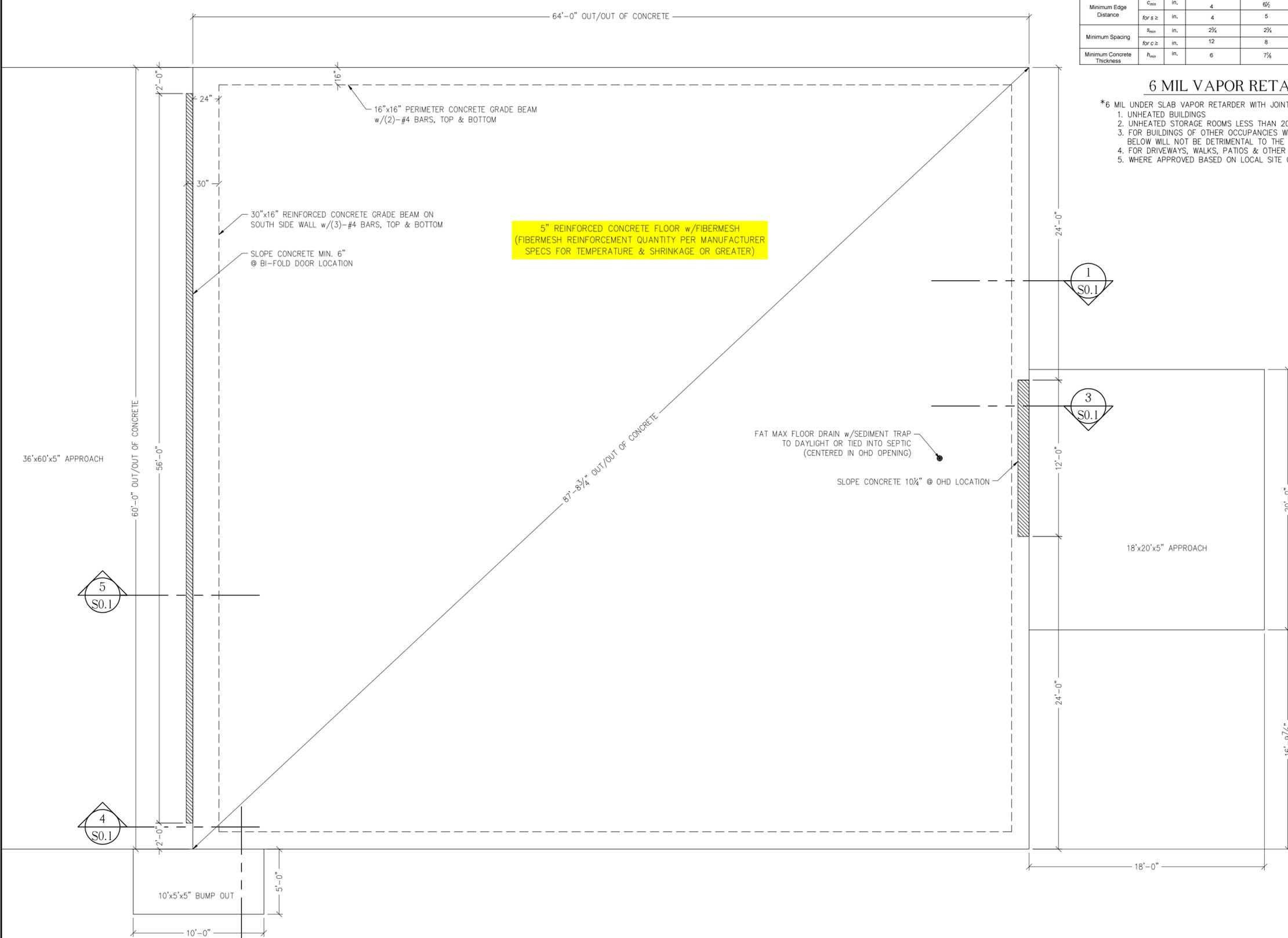
CARBON STEEL STRONG-BOLT® 2 ANCHOR INSTALLATION INFORMATION¹				
CHARACTERISTIC	SYMBOL	UNITS	NOMINAL ANCHOR DIAMETER CARBON STEEL	
			½ inch²	¾ inch²
Installation Information				
Nominal Diameter	d_a	in.	½	¾
Drill Bit Diameter	d	in.	½	¾
Baseplate Clearance Hole Diameter²	d_c	in.	¾	1 ¼
Installation Torque	T_{inst}	ft-lbf	60	90
Nominal Embedment Depth	h_{nom}	in.	3 ¼	5 ¼
Effective Embedment Depth	h_{eff}	in.	3 ¾	4 ½
Minimum Hole Depth	h_{hole}	in.	4 ¼	5 ¾
Minimum Overall Anchor Length	l_{anch}	in.	5 ½	6
Critical Edge Distance	c_{cc}	in.	7 ½	9
Minimum Edge Distance	c_{min}	in.	4	5 ½
	for $s \geq$	in.	4	5
Minimum Spacing	s_{min}	in.	2 ¼	2 ¼
	for $c \geq$	in.	12	8
Minimum Concrete Thickness	h_{min}	in.	6	7 ¼

Additional Data				
CHARACTERISTIC	SYMBOL	UNITS	NOMINAL ANCHOR DIAMETER CARBON STEEL	
			½ inch²	¾ inch²
Additional Data				
Specified Yield Strength	f_{y2}	psi	65,000	
Specified Tensile Strength	f_{ts2}	psi	115,000	
Minimum Tensile and Shear Stress Area	A_{se}	in²	0.105	0.166
Axial Stiffness in Service Load Range - Cracked and Un-cracked Concrete³	β	lb./in	63,570	91,370

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 1/2-inch-diameter carbon steel Strong-Bolt® 2 anchor 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 flute 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 flute 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.

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



5" REINFORCED CONCRETE FLOOR w/FIBERMESH
 (FIBERMESH REINFORCEMENT QUANTITY PER MANUFACTURER SPECS FOR TEMPERATURE & SHRINKAGE OR GREATER)



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:
 JOHN FISCHER

OWNER ADDRESS:
 2525 AVIATION DRIVE
 WAUKESHA, WI 53188
 WAUKESHA COUNTY

PROJECT NAME:
 60x64 AIRPLANE HANGAR #1

PROJECT ADDRESS:
 2525 AVIATION DRIVE
 WAUKESHA, WI 53188
 WAUKESHA COUNTY

SALES REP / DEALER:
 MARSHALL WISTH

DRAFTER:
 ADAM CRAPSER

ESTIMATOR:
 CHARLES SMITH

LAST SAVED BY:
 ACRAPSER ON: 2/24/2026

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

SCALE: 3/16" = 1'-0"

ENGINEER:
 CAYNEN KLESSIG

JOB NUMBER:
 95-2132

SHEET NUMBER:

S0

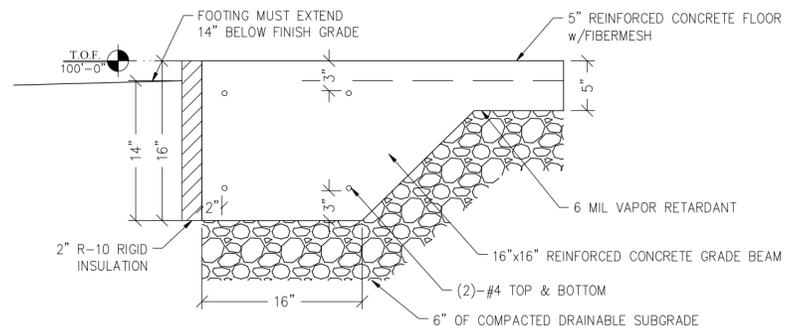
1 CONCRETE PLAN
 SCALE: 3/16" = 1'-0"



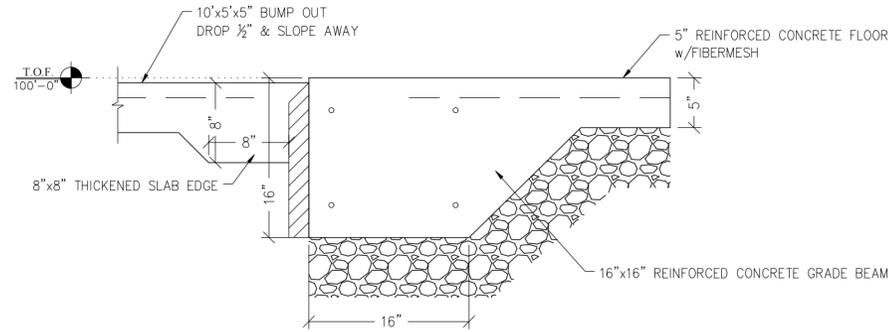


Walters Buildings

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

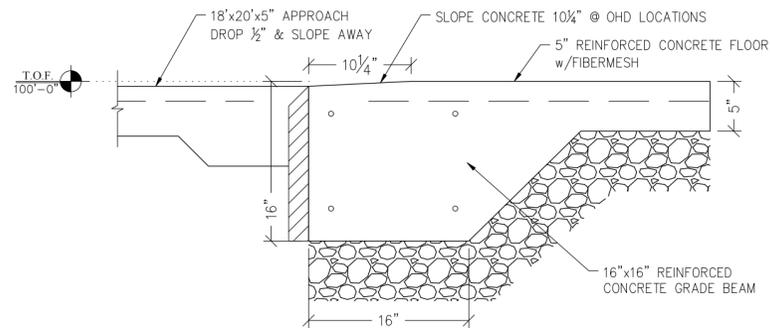


1 CONCRETE SECTION
S0.1 SCALE: 1" = 1'-0"



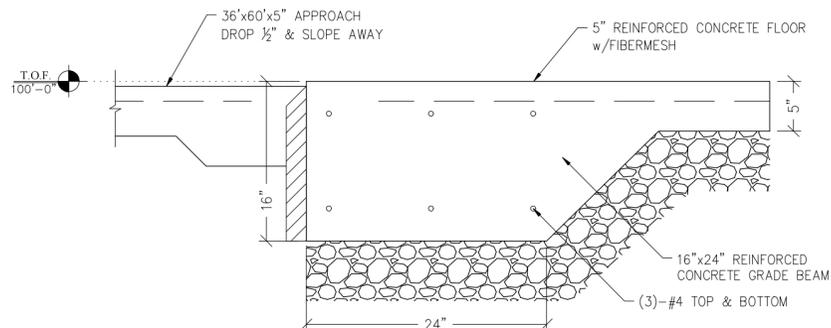
2 CONCRETE SECTION
S0.1 SCALE: 1" = 1'-0"

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



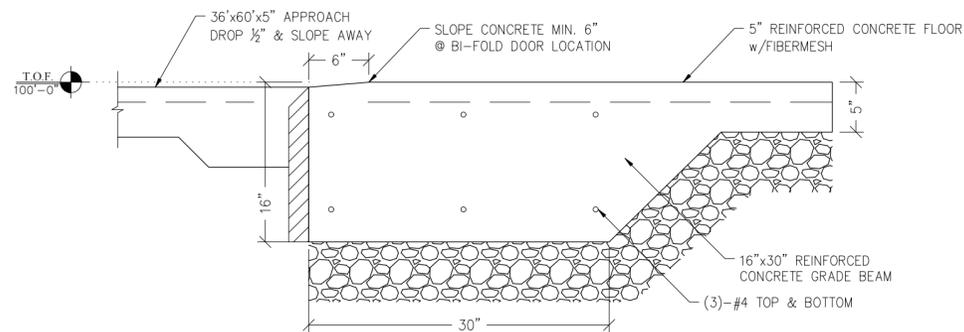
3 CONCRETE SECTION
S0.1 SCALE: 1" = 1'-0"

NOTE:
SAME AS SECTION 2/S0.1
EXCEPT FOR ITEMS NOTED



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

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



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

NOTE:
SAME AS SECTION 4/S0.1
EXCEPT FOR ITEMS NOTED

OWNER NAME:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE
HANGAR #1

PROJECT ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

SCALE: 1" = 1'-0"

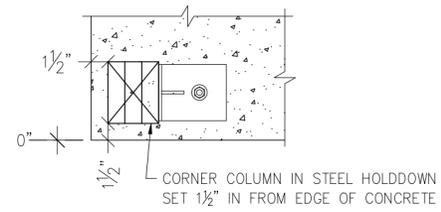
ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

SHEET NUMBER:

S0.1

CENTER ALL HOLDDOWNS ON COLUMNS



COLUMN SCHEDULE	
TAG	COLUMN TYPE
①	(3)-PLY 2x8 #1 SYP STP LAM COLUMN
②	(4)-PLY 2x8 #1 SYP STP LAM COLUMN
③	(6)-PLY 2x8 2400 MSR SYP STP LAM COLUMN w/SPECIAL 2-BOLT HOLDDOWN

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:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE HANGAR #1

PROJECT ADDRESS:
2525 AVIATION DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

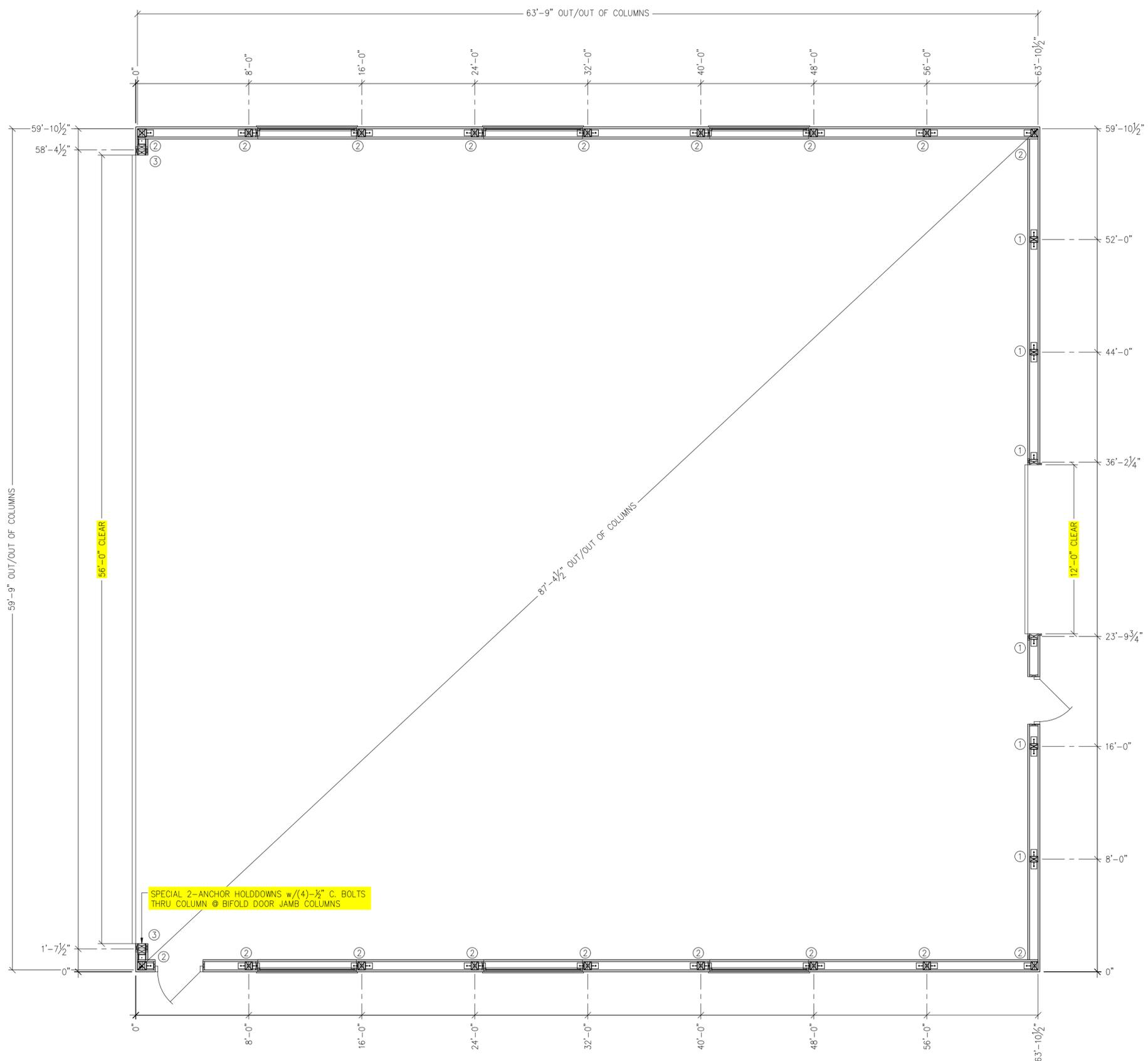
PAPER SIZE:
ARCH FULL BLEED C (18.00 X 24.00 INCHES)

SCALE: 3/16" = 1'-0"

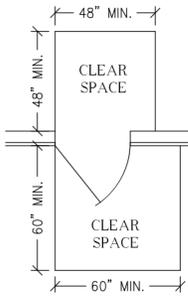
ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

SHEET NUMBER:



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 THUS (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

MAINTAIN LEVEL APPROACH TO ALL WALKDOORS *FIELD VERIFY ALL WINDOW SILL HEIGHTS* *SEE PAGE G1 FOR PLYCO ROUGH OPENING SIZES*

TAG	TYPE	QUANTITY
①	56'x18' SCHWEISS BI-FOLD DOOR U=0.35	1
②	12'-0"x12'-0" CLOPAY OVERHEAD DOOR w/3' HIGH LIFT U=0.17	1
③	3068 THERMAL BREAK PLYCO 92 TB ALUMINUM FRAME SERIES w/CLOSER U=0.24	2
④	3068 INTERIOR WALKDOOR	1
④	7'-0"x2'-0" FIXED WINDOW U=0.29	6



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:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE HANGAR #1

PROJECT ADDRESS:
2525 AVIATION DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

SCALE:
AS NOTED

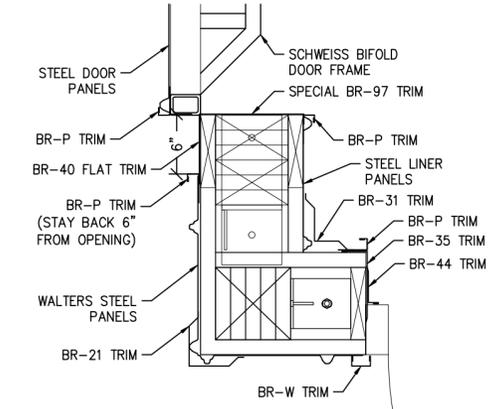
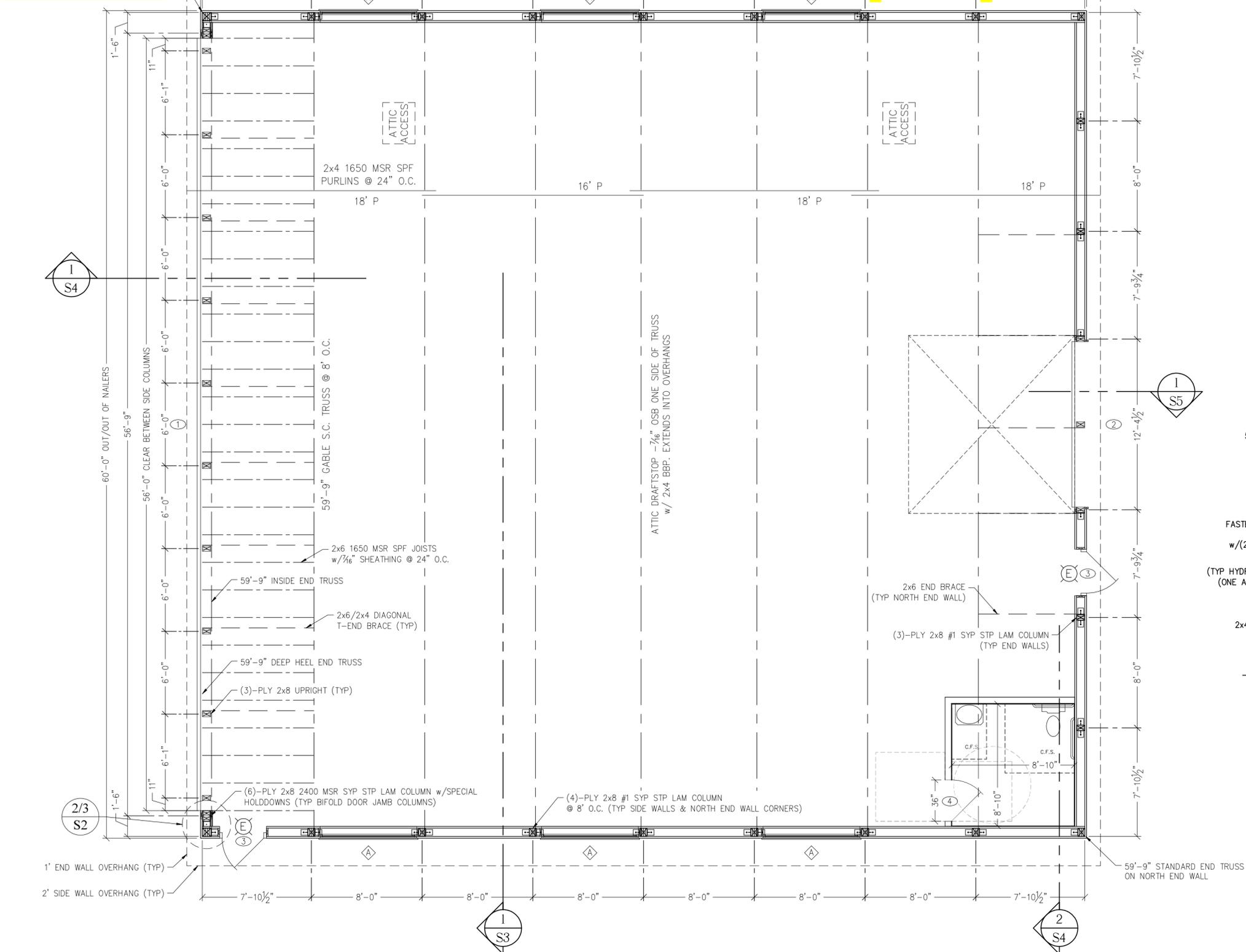
ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

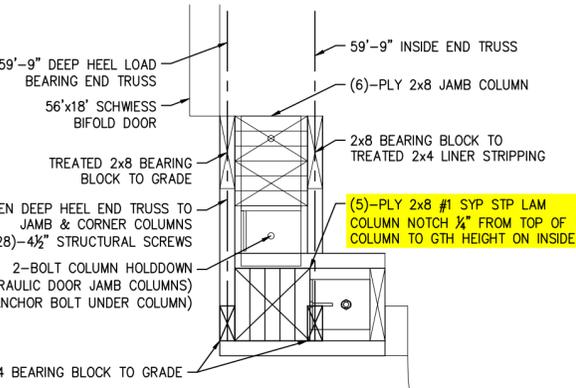
SHEET NUMBER:

S2

(5)-PLY 2x8 #1 SYP STP LAM COLUMN NOTCH 1/4" FROM TOP OF COLUMN TO GTH HEIGHT ON INSIDE (TYP SOUTH END WALL CORNERS)



2 JAMB TRIM DETAIL
SCALE: 1" = 1'-0"



3 FRAMING DETAIL
SCALE: 1" = 1'-0"

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





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:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE
HANGAR #1

PROJECT ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

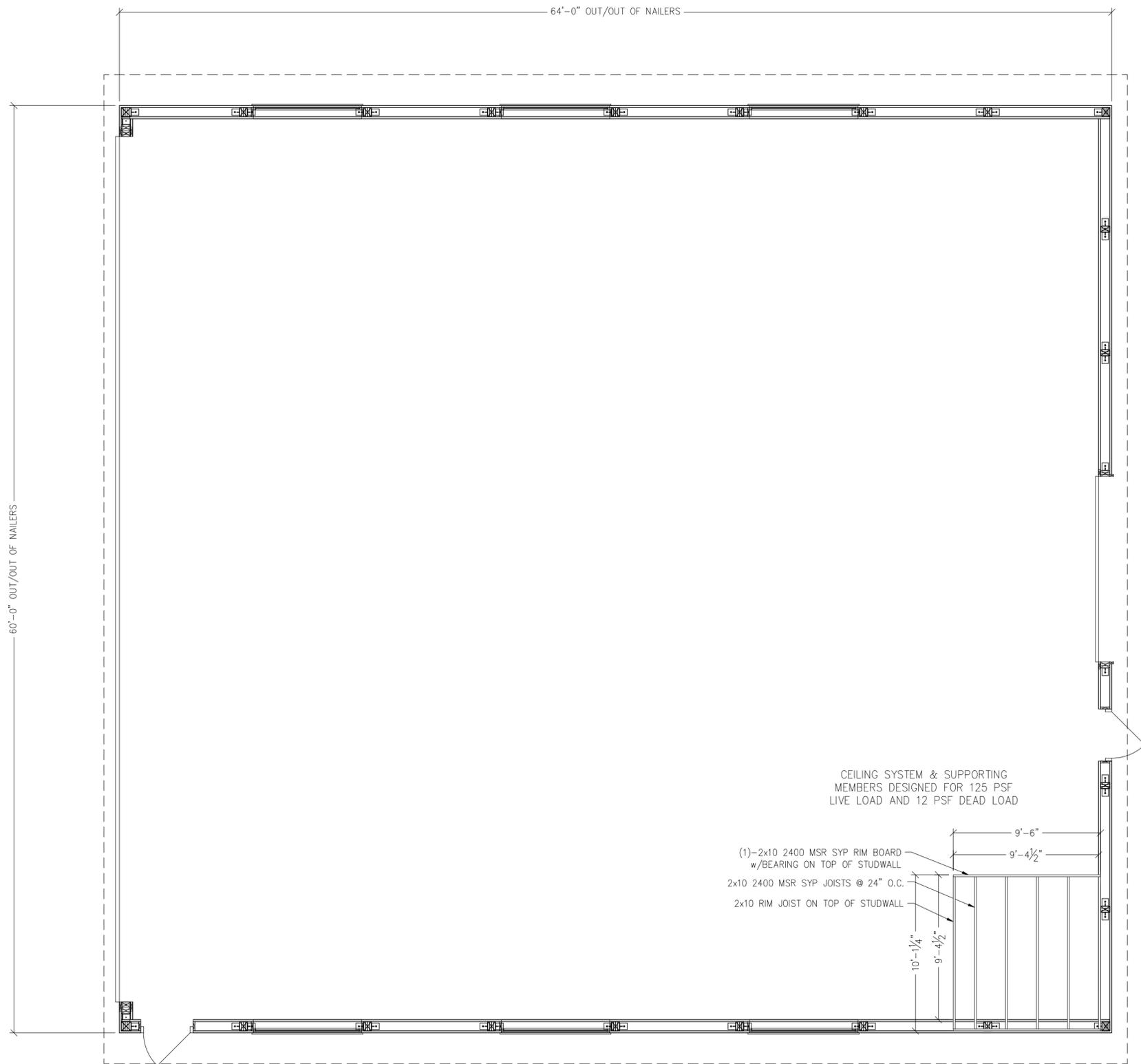
SCALE: 3/16" = 1'-0"

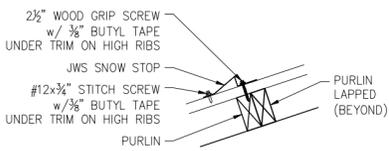
ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

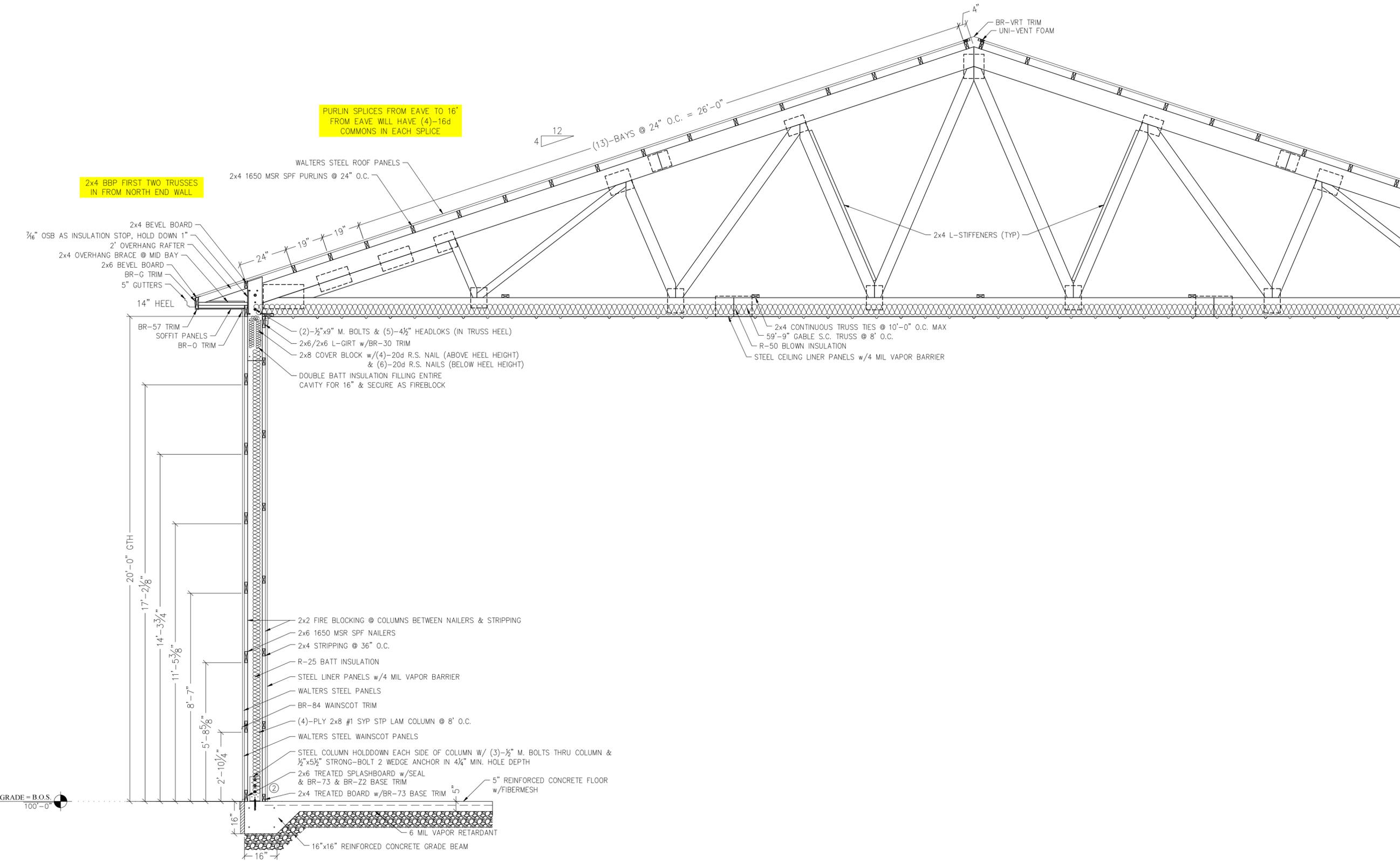
SHEET NUMBER:

S2.1





2 SNOW STOP DETAIL
S3 SCALE: 1" = 1'-0"



1 CROSS SECTION
S3 SCALE: 3/8" = 1'-0"



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:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE
HANGAR #1

PROJECT ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

SCALE:
AS NOTED

ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

SHEET NUMBER:

S3



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:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE
HANGAR #1

PROJECT ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

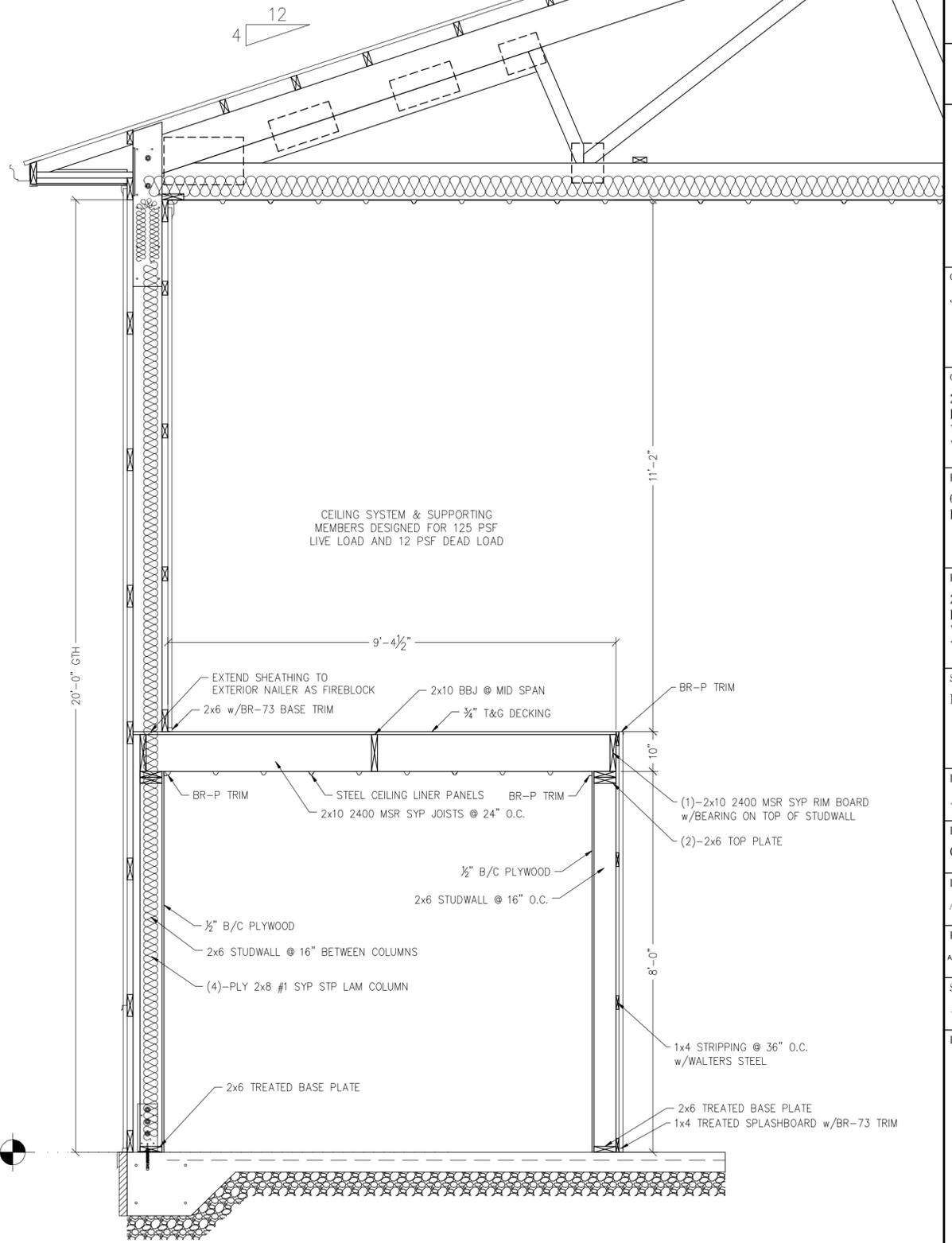
SCALE:
AS NOTED

ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

SHEET NUMBER:

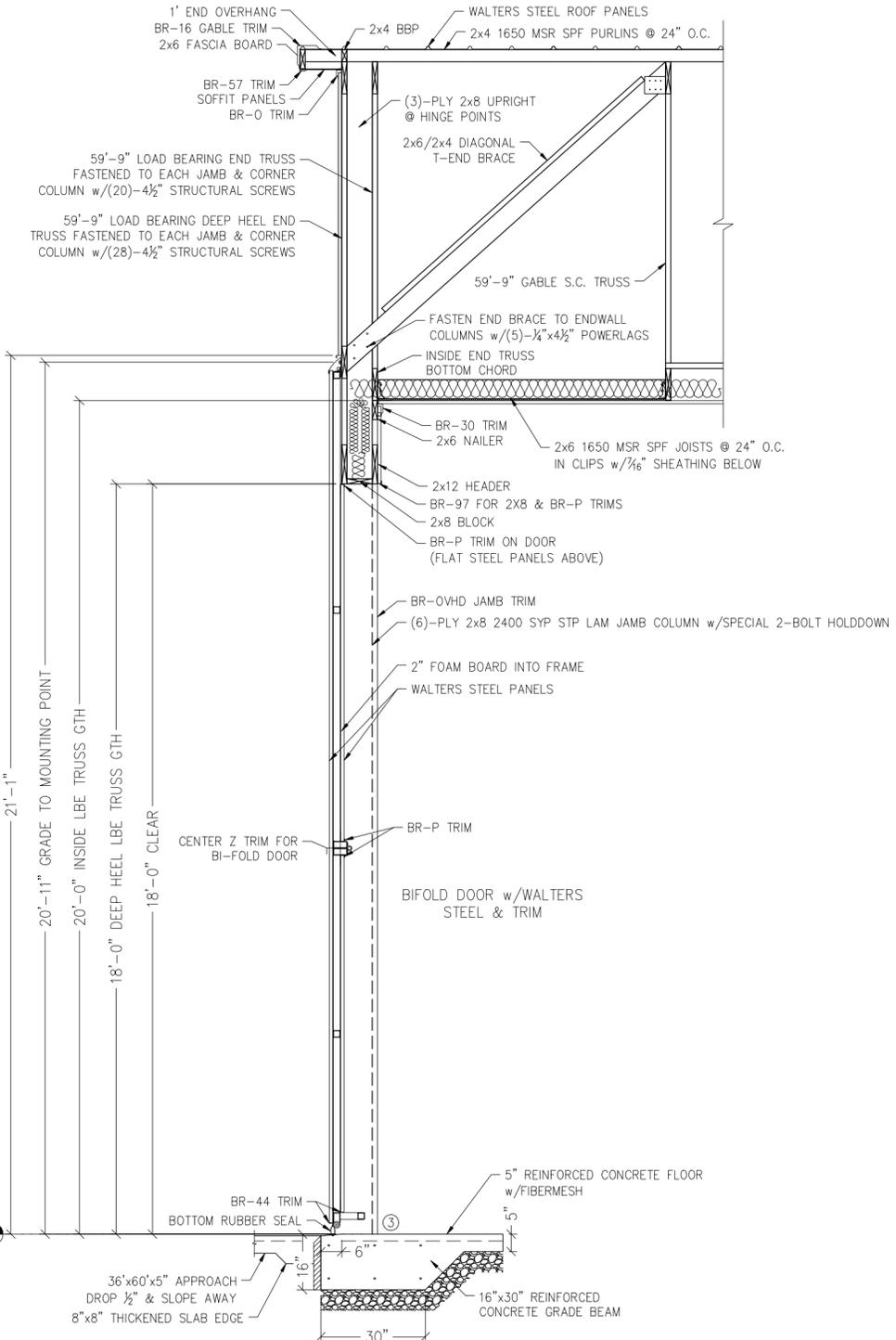
S4



GRADE = B.O.S.
100'-0"

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

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



GRADE = B.O.S.
100'-0"

1 BI-FOLD DOOR SECTION
SCALE: 3/8" = 1'-0"

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



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:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE
HANGAR #1

PROJECT ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

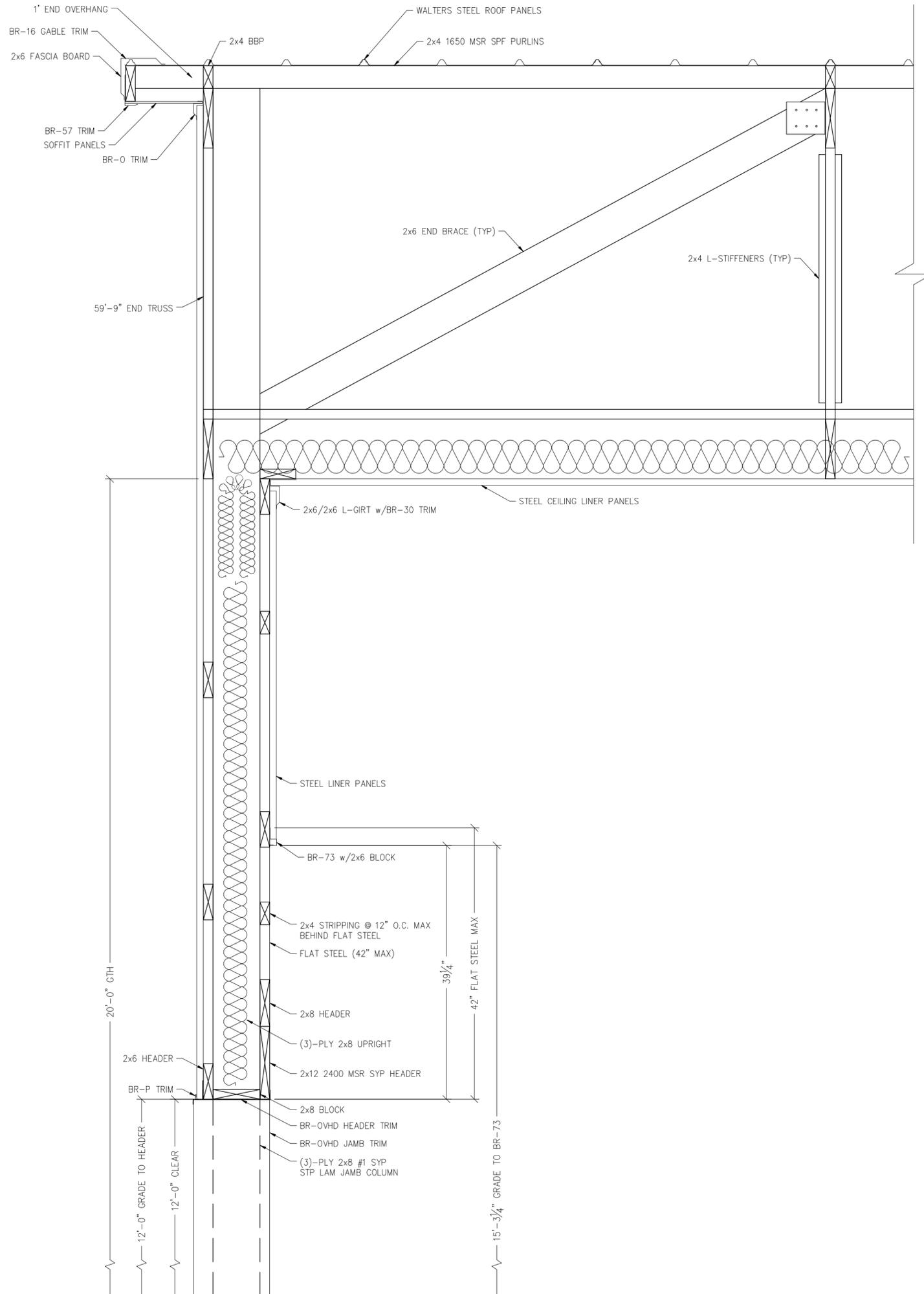
SCALE: 1" = 1'-0"
0 6 1

ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

SHEET NUMBER:

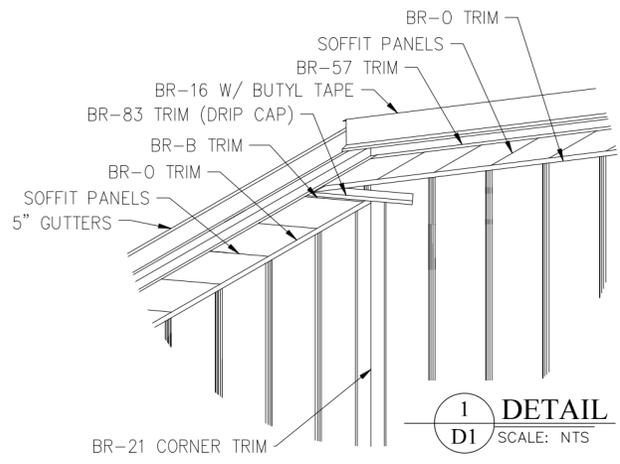
S5



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

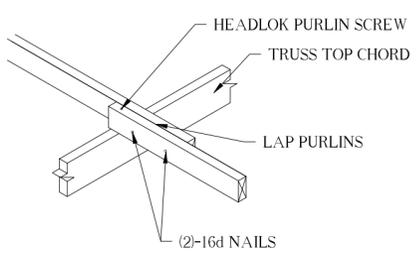
1 HEADER SECTION
S5 SCALE: 1" = 1'-0"

STANDARD TRIM DETAILS



1
D1 SCALE: NTS

STANDARD FRAMING DETAILS

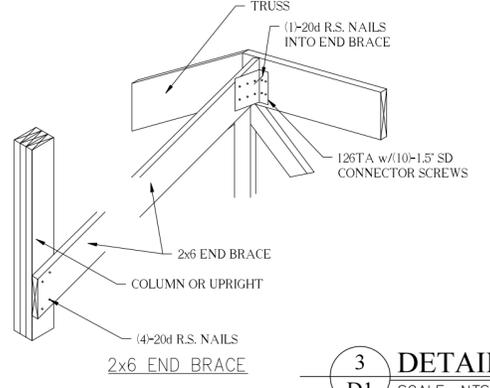


PURLIN LAP

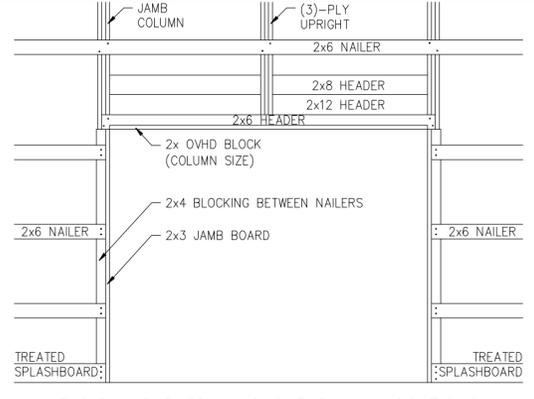
PURLIN SPLICES FROM EAVE TO 16' FROM EAVE WILL HAVE (4)-16d COMMONS IN EACH SPLICE

2
D1 SCALE: NTS

STANDARD BRACING DETAILS

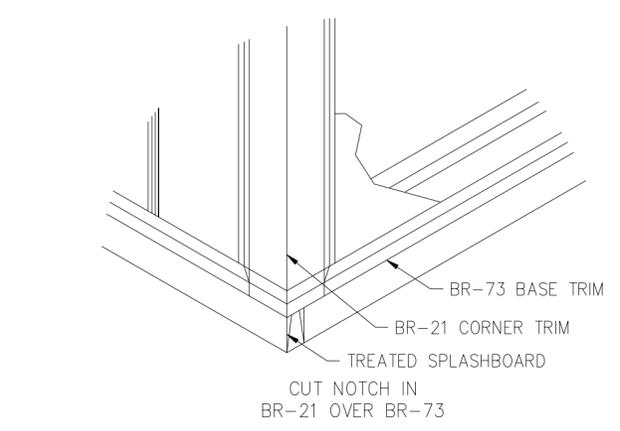


3
D1 SCALE: NTS

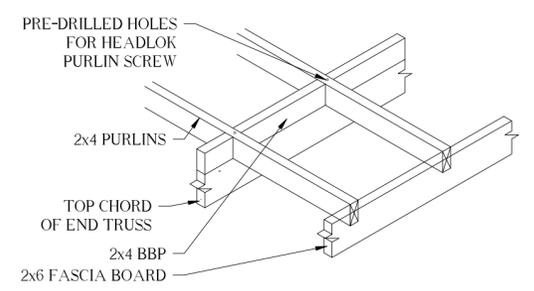


TYPICAL OHD FRAMING @ ENDWALL LOCATIONS (If Applicable)

4
D1 SCALE: NTS

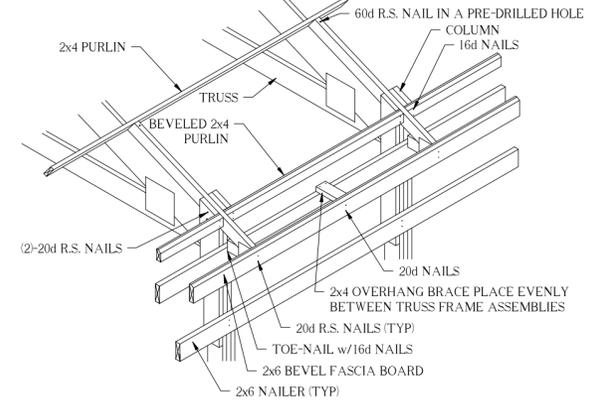


5
D1 SCALE: NTS



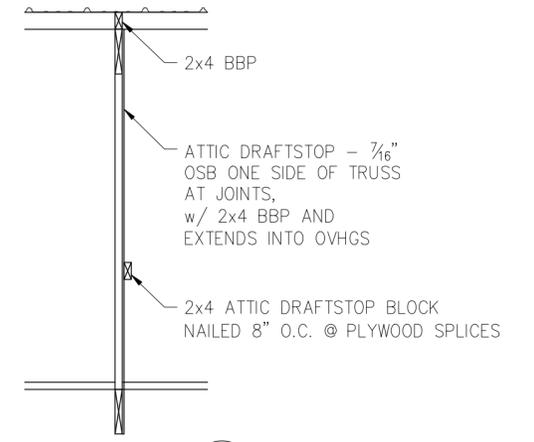
END PURLINS WITH OVERHANG

6
D1 SCALE: NTS

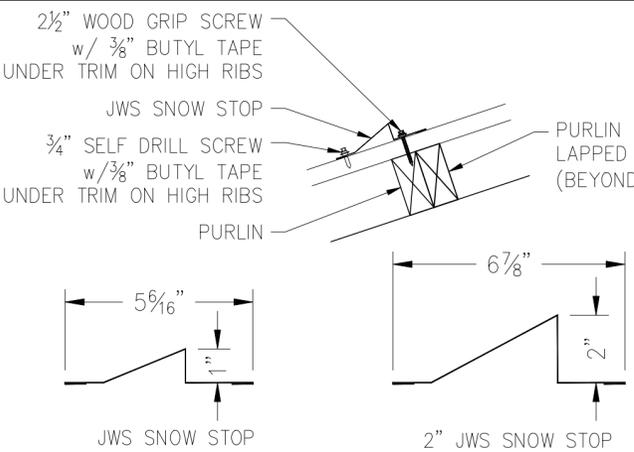


OVERHANG RAFTER FRAMING

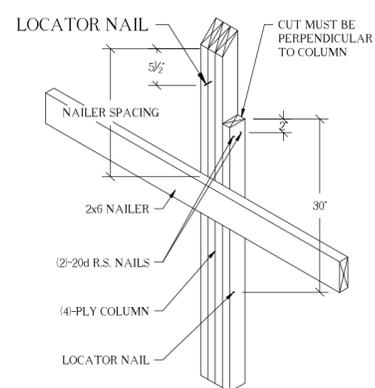
7
D1 SCALE: NTS



8
D1 SCALE: NTS

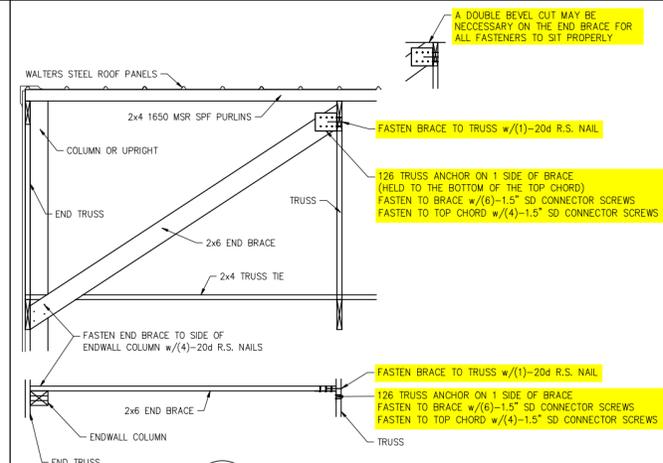


9
D1 SCALE: NTS



TRUSS TO COLUMN
1 PLY TRUSS - 4 PLY COLUMN

10
D1 SCALE: NTS



11
D1 SCALE: NTS

12
D1 SCALE: NTS

ADDITIONAL DETAILS

13
D1 SCALE: NTS

14
D1 SCALE: NTS

15
D1 SCALE: NTS

16
D1 SCALE: NTS

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:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE HANGAR #1

PROJECT ADDRESS:
2525 AVIATION DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

SCALE:
AS NOTED

ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

SHEET NUMBER:

D1



Walters Buildings

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

OWNER NAME: JOHN FISCHER

OWNER ADDRESS: 2525 AVIATION DRIVE WAUKESHA, WI 53188 WAUKESHA COUNTY

PROJECT NAME: 60x64 AIRPLANE HANGAR #1

PROJECT ADDRESS: 2525 AVIATION DRIVE WAUKESHA, WI 53188 WAUKESHA COUNTY

SALES REP / DEALER: MARSHALL WISTH

DRAFTER: ADAM CRAPSER

ESTIMATOR: CHARLES SMITH

LAST SAVED BY: ACRAPSER ON: 2/24/2026

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

SCALE: AS NOTED

ENGINEER: CAYNEN KLESSIG

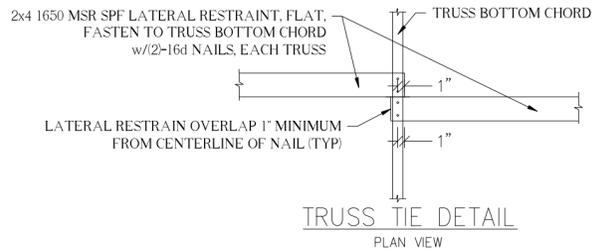
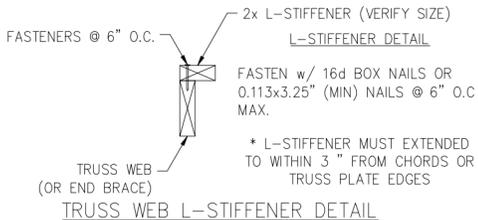
JOB NUMBER: 95-2132

SHEET NUMBER: T1



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.



STANDARD TRUSS FRAMING DETAILS

1 DETAIL SCALE: NTS

2 DETAIL SCALE: NTS

3 DETAIL SCALE: NTS

4 DETAIL SCALE: NTS

Walters Buildings TrussF01 - 60ft truss. Includes truss diagram, material table, reaction table, and member forces table.

Walters Buildings TrussF02 - Bi-fold END outside. Includes truss diagram, material table, reaction table, and member forces table.

Walters Buildings TrussF02 - Bi-fold END outside. Includes truss diagram, material table, reaction table, and member forces table.

Walters Buildings TrussF03 - Bi-fold END inside. Includes truss diagram, material table, reaction table, and member forces table.

WARNING: Verify all design parameters and follow all notes on this drawing and in the Eagle Metal Design Notes. This design is for an individual building component (truss, roof truss system, and is based only on parameters shown and provided by the Building Designer.

WARNING: Verify all design parameters and follow all notes on this drawing and in the Eagle Metal Design Notes. This design is for an individual building component (truss, roof truss system, and is based only on parameters shown and provided by the Building Designer.

WARNING: Verify all design parameters and follow all notes on this drawing and in the Eagle Metal Design Notes. This design is for an individual building component (truss, roof truss system, and is based only on parameters shown and provided by the Building Designer.

WARNING: Verify all design parameters and follow all notes on this drawing and in the Eagle Metal Design Notes. This design is for an individual building component (truss, roof truss system, and is based only on parameters shown and provided by the Building Designer.



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:
JOHN FISCHER

OWNER ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

PROJECT NAME:
60x64 AIRPLANE
HANGAR #1

PROJECT ADDRESS:
2525 AVIATION
DRIVE
WAUKESHA, WI 53188
WAUKESHA COUNTY

SALES REP / DEALER:
MARSHALL WISTH

DRAFTER:
ADAM CRAPSER

ESTIMATOR:
CHARLES SMITH

LAST SAVED BY:
ACRAPSER ON: 2/24/2026

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

SCALE: 1" = 75'
0 37.5 75.0

ENGINEER:
CAYNEN KLESSIG

JOB NUMBER:
95-2132

SHEET NUMBER:

SP



1
SP | **SITE PLAN**
SCALE: 1: 750