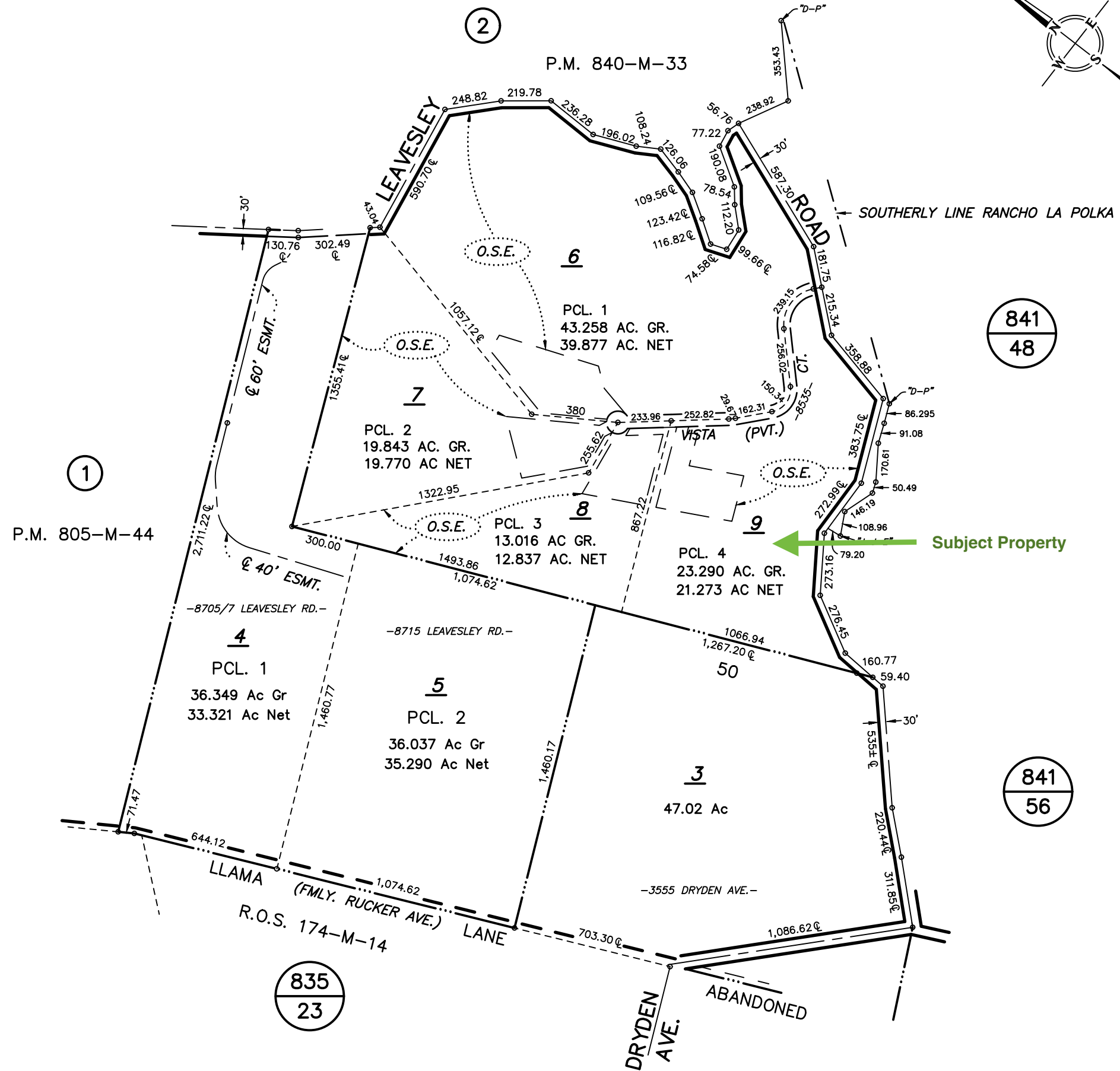
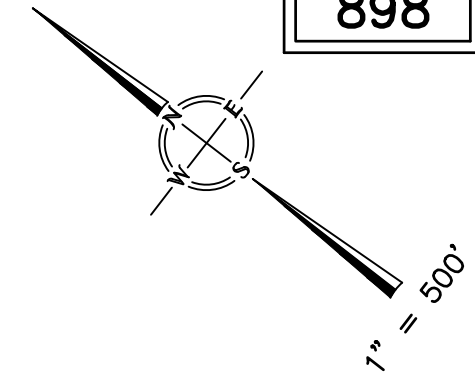


CATHERINE DUNNE RANCH MAP No. 8



EXISTING PROPERTY

Road Centerline

Vista Court

3,000-GALLON WATER TANK  
(2) 5,000-GALLON WATER TANKS  
ON PAD TANKS TO BE INSTALLED  
PER CFMO-W5

WHARF HYDRANT (N) SHALL BE  
LOCATED MINIMUM 2 FT AND MAX  
8FT FROM DRIVING SURFACE.  
MINIMUM 55FT FROM NEAREST  
PORTION OF STRUCTURE AND  
MAXIMUM 600FT FROM FURTHER  
PORTION OF STRUCTURE ALONG  
PATH OF TRAVEL

Existing Main House

North

(E) SEPTIC TANK

EXISTING WELL

**Proposed Barn**  
METAL BUILDING  
(SEE METAL BUILDING  
DRAWINGS)

**Enlarged Site Plan**

Scale: 1"=30'-0"

EXISTING PROPERTY

EXISTING PROPERTY

EXISTING PROPERTY

EXISTING PROPERTY

EXISTING PROPERTY

EXISTING PROPERTY

Address: 8535 Vista Ct, Gilroy, CA 95020

**Overall Site Plan**

SCALE: 1"=30'-0"

EXISTING PROPERTY

145'-8"

182'-4"

356'-1"

133'-9"

172'-7"

# RYAN WILMOT

## 8535 VISTA CT GILROY, CA 95020 (SANTA CLARA COUNTY, CA) 40' X 30' X 14' / 10' / 9' RED BARN

### STRUCTURAL DESIGN NOTES

- ALL CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH CBC 2019, IBC 2018, ASCE7-16, OSHA, AISC 360, AISI 100, AWS D1.3 CODES AND ALL APPLICABLE LOCAL REQUIREMENTS.
- ALL MATERIALS IDENTIFIED BY A MANUFACTURER NAME MAY BE SUBSTITUTED WITH MATERIAL EQUAL OR EXCEEDING ORIGINAL.
- ALL SHOP CONNECTIONS SHALL BE WELDED CONNECTIONS. NO FIELD WELDING IS REQUIRED.
- ALL STRUCTURAL FIELD CONNECTIONS SHALL BE #12-14 x 3/4" SDS (ESR-2196) U.N.O. NO NEOPRENE WASHERS ARE PERMITTED AT STRUCTURAL CONNECTIONS.
- STEEL SHEATHING SHALL BE 29GA. CORRUGATED GALV. OR PAINTED STEEL - MAIN RIB HT. 3/4" (FY=80 KSI) OR EQ.
- SHEATHING CONNECTIONS SHALL BE #12-14 x 3/4" SDS. NEOPRENE WASHERS ARE REQUIRED.
- ALL STRUCTURAL LIGHT GAUGE TUBING AND CHANNELS SHALL BE ASTM A653 (HSLA) GRADE 50 STEEL (Fy = 50 KSI, Fu = 65 KSI) OR EQUAL.
- STRUCTURAL TUBE TS 2 1/2" x 2 1/2" x 14GA (0.083") IS EQUIVALENT TO TS 2 1/4" x 2 1/4" x 12GA (0.109") AND EITHER ONE MAY BE USED IN LIEU OF THE OTHER.
- GYPSUM BOARD OR DRYWALL FINISH OR ANY BRITTLE BASE MATERIAL IS NOT CONSIDERED OR ACCOUNTED FOR ON THE DESIGN CRITERIA OF THIS STRUCTURE, U.N.O.

### REVISIONS

MARK	COMMENTS	DATE
-	ISSUED FOR PERMIT & CONST.	NOV 28 2022

### STRUCTURAL DESIGN CRITERIA

PREVAILING CODE:	CBC 2019 (IBC 2018)
USE GROUP:	U (CARPORTS)
CONSTRUCTION TYPE:	V - B
RISK CATEGORY:	II
BUILDING FOOTAGE:	1200 SQ.FT
1. DEAD LOAD (D) COLLATERAL LOAD	2.0 PSF
2. ROOF LIVE LOAD (Lr)	Lr = 20 PSF
3. SNOW LOAD (S) GROUND SNOW LOAD IMPORTANCE FACTOR THERMAL FACTOR EXPOSURE FACTOR ROOF SLOPE FACTOR FLAT ROOF SNOW LOAD SLOPED ROOF SNOW LOAD	Pg = 0 PSF Is = 1.00 Ct = 1.2 Ce = 1.0 Cs = 1.0 Pf = 0 PSF Ps = 0 PSF
4. WIND LOAD (W) DESIGN WIND SPEED EXPOSURE	Vult = 92 MPH C
5. SEISMIC LOAD (E) Ss / S1 SDs / SD1 DESIGN CATEGORY SITE CLASS IMPORTANCE FACTOR SEISMIC BASE SHEAR L.F.R.S in X dir L.F.R.S in Z dir SEISMIC COEFFICIENT RESPONSE MOD. FACTOR	1.921/0.705 1.537/NULL D D (DEFAULT) Ie = 1.00 Vs = 4635.93 LBF O.C.B.F O.C.B.F Cs = 0.473 R = 3.25

### ASD LOAD COMBINATIONS:

- D + (Lr OR S)
- D + (0.6W OR ±0.7E)
- D + 0.75 (0.6W OR ±0.7E) + 0.75 (Lr OR S)
- 0.6D + (0.6W OR ±0.7E)

### SCOPE OF PLANS:

- TO PROVIDE STRUCTURAL DESIGN FOR THE PRE-FAB METAL BUILDING PER THE SPECIFIED DESIGN LOADS, AND APPLICABLE BUILDING CODES. ANY DISCREPANCIES IN DESIGN LOADS SHALL BE BROUGHT TO THE ATTN. OF THE ENGINEER OF RECORD.
- DOES NOT PROVIDE ANY ARCHITECTURAL, SITE, ZONING, HVAC, ELEC, MECH DESIGN OR REQUIREMENTS. THESE ITEMS MUST BE ADDRESSED BY THEIR RESPECTIVE PROFESSIONALS IN CHARGE.

### STRUCTURAL DRAWING INDEX

- COVER SHEET
- ELEVATIONS
- 3A / 3B FOUNDATION PLAN & DETAILS
- 4A / 4B COLUMN LAYOUT PLAN & DETAILS
- 5A / 5B FRAME SECTION & DETAILS
- 6A / 6B SIDE WALL FRAMING & DETAILS
- 7A / 7B END WALL FRAMING & DETAILS

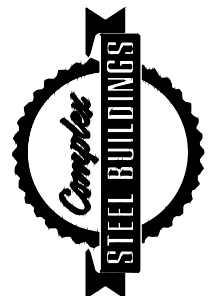
### SPECIAL INSPECTIONS

- PERIODIC INSPECTION OF POST INSTALLED CONCRETE ANCHORS PER ICC-ESR OR BUILDING OFFICIAL REQUIREMENTS

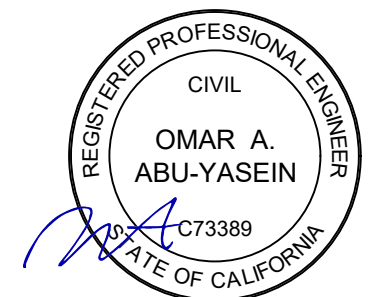
NO ADDITIONAL SPECIAL INSPECTIONS ARE REQUIRED FOR THIS STRUCTURE UNLESS EXPLICITLY REQUIRED BY THE BUILDING OFFICIAL.

2.22.273.0

THE INFORMATION CONTAINED IN THESE DRAWINGS IS THE SOLE PROPERTY OF COMPLEX STEEL BUILDINGS. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF COMPLEX STEEL BUILDINGS IS PROHIBITED.

SHEET NO: <b>1 OF 7</b>	
PROJECT NO: <b>437-22-3504</b>	
DRAWN BY: <b>A.F</b>	DATE: <b>11/24/2022</b>
<b>COVER SHEET</b>	
LOCATION: <b>8535 VISTA CT GILROY, CA 95020</b>	
PROJECT TITLE: <b>RYAN WILMOT</b>	
SHEET TITLE: <b>METAL BUILDING MANUFACTURER</b>	
	

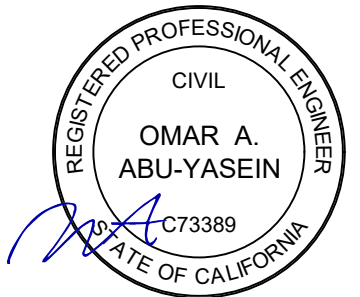
FOR QUESTIONS, MODIFICATIONS, REVISIONS OR CORRECTIONS NEEDED TO PLANS, PLEASE CONTACT THE METAL BUILDINGS MANUFACTURER LISTED ON PLANS. ENGINEER OF RECORD REQUIRES AUTHORIZATION FROM THE METAL BUILDINGS MANUFACTURER TO MAKE ANY CHANGES TO PLANS.



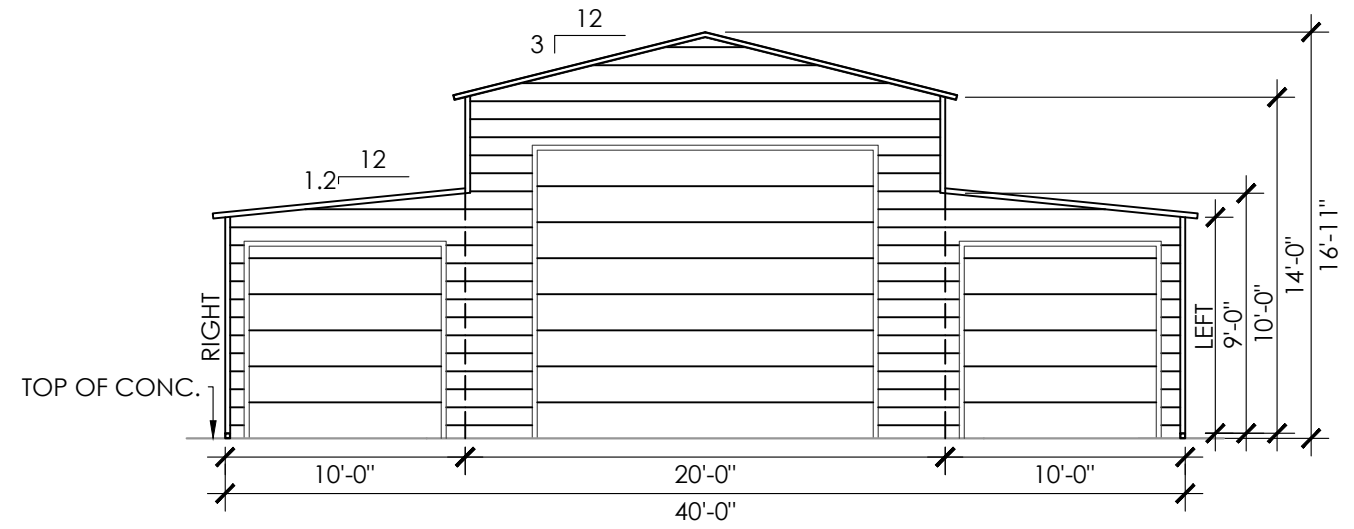
**EXPIRES: 12/31/2024**

SIGNED: NOV 28 2022

**ELEVATIONS**  
 LOCATION: **8535 VISTA CT  
GILROY, CA 95020**  
 PROJECT TITLE: **RYAN WILMOT**

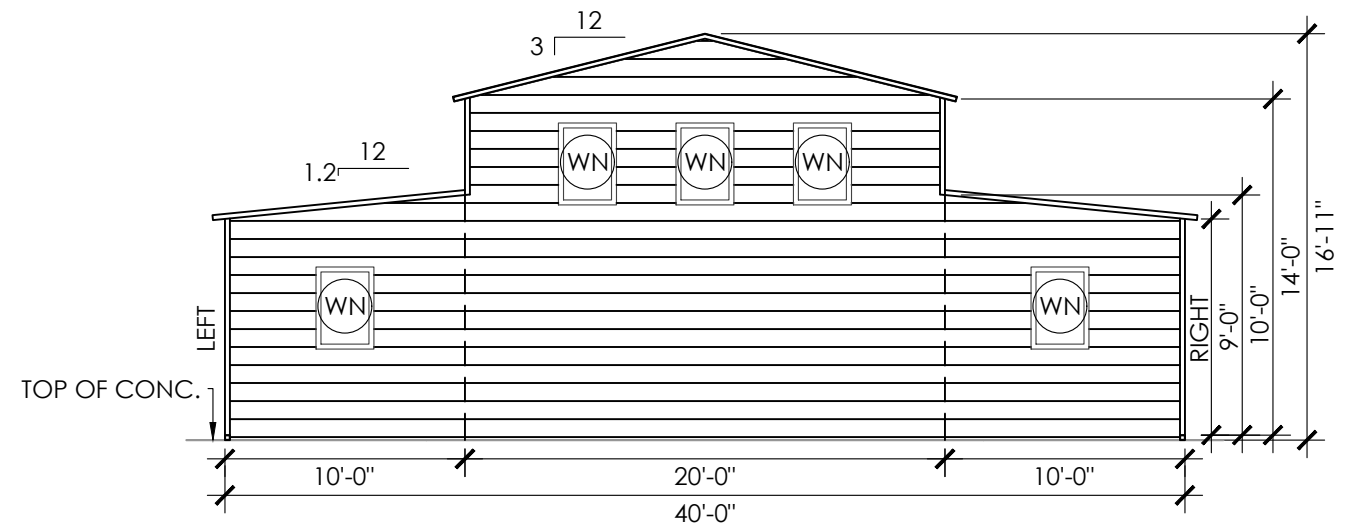


**EXPIRES: 12/31/2024**  
 SIGNED: NOV 28 2022



**FRONT END WALL ELEVATION**

SCALE: 1/8" : 1'



**BACK END WALL ELEVATION**

SCALE: 1/8" : 1'

**DESIGN NOTES**

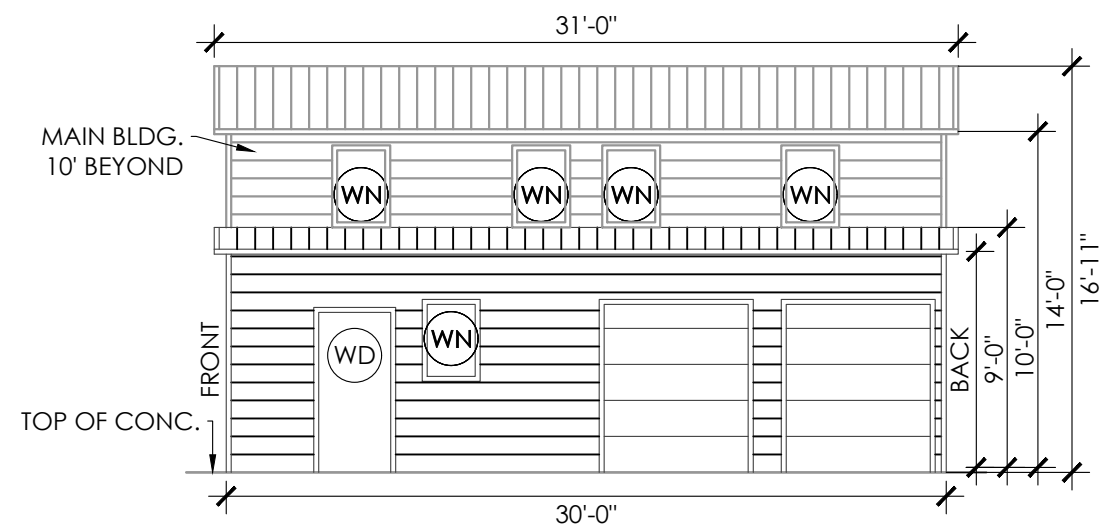
1. THE INTENTION OF ELEVATIONS PROVIDED ON THIS SHEET IS TO INDICATE STRUCTURAL COMPONENTS, DIMENSIONS, AND BUILDING ORIENTATION ONLY.
2. ARCHITECTURAL DESIGN REQUIREMENTS ARE NOT COVERED IN THIS PLAN SET. THESE DESIGN REQUIREMENTS SHALL BE ADDRESSED IN A SEPARATE ARCHITECTURAL SET BY RESPONSIBLE LICENSED PROFESSIONALS IN CHARGE, AS NEEDED.
3. ALL EXT **ROOF** SHEATHING SHALL BE: CLASS A RATED 29GA. **3/4" RIB HT** - GALV OR PAINTED STEEL (FY=80 KSI) OR EQ.
4. ALL EXT **WALL** SHEATHING SHALL BE: CLASS A RATED 29GA. **3/4" RIB HT** - GALV OR PAINTED STEEL (FY=80 KSI) OR EQ.
5. LOC OF WALK-IN DOORS OR WINDOWS CAN BE DETERMINED ON SITE AS LONG AS THEY FALL BETWEEN BAYS (BETWEEN FULL FRAMES).
6. LEAN-TO **ROOF** SHEATHING SHALL BE: CLASS A RATED 29GA. **1 1/4" RIB HT** (R-PANEL OR PBR PANELS). PER IBC 1507.4.2 PROVIDE LAP SEALANTS PER MANUFACTURER'S INSTRUCTION AT ROOF SHEATHING LAPS.

**LEGEND**

(WN) WINDOWS (REF WINDOW MFG)

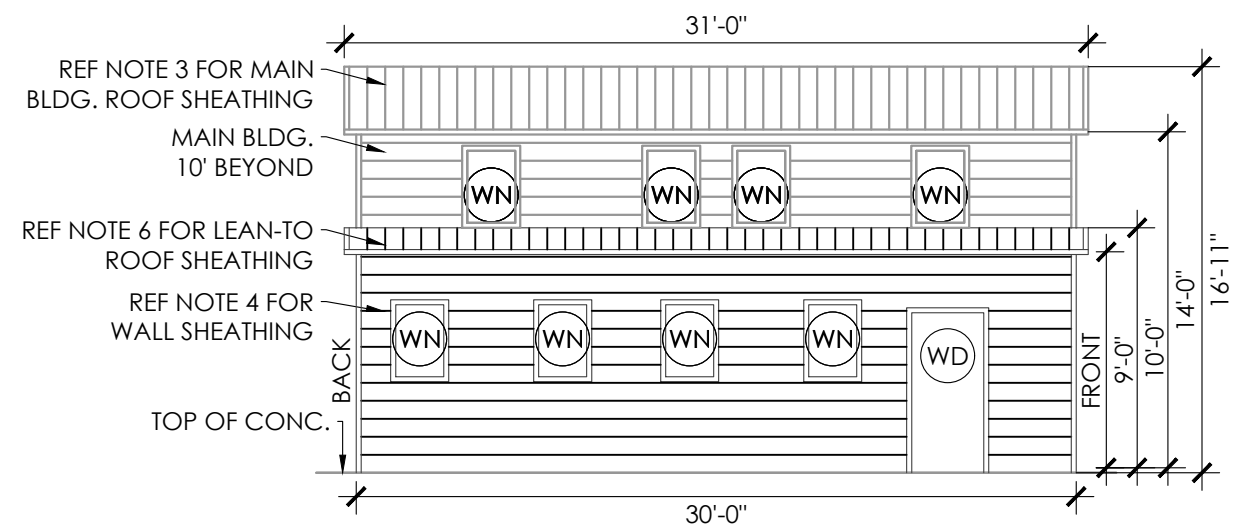
(WD) WALK-IN DOORS (REF DOOR MFG)

**NOTE:** ANY DOOR OR WINDOW DESIGN INFORMATION IS NOT COVERED IN THIS PLAN SET AND SHALL BE ADDRESSED BY OTHERS.



**RIGHT SIDE WALL ELEVATION**

SCALE: 1/8" : 1'



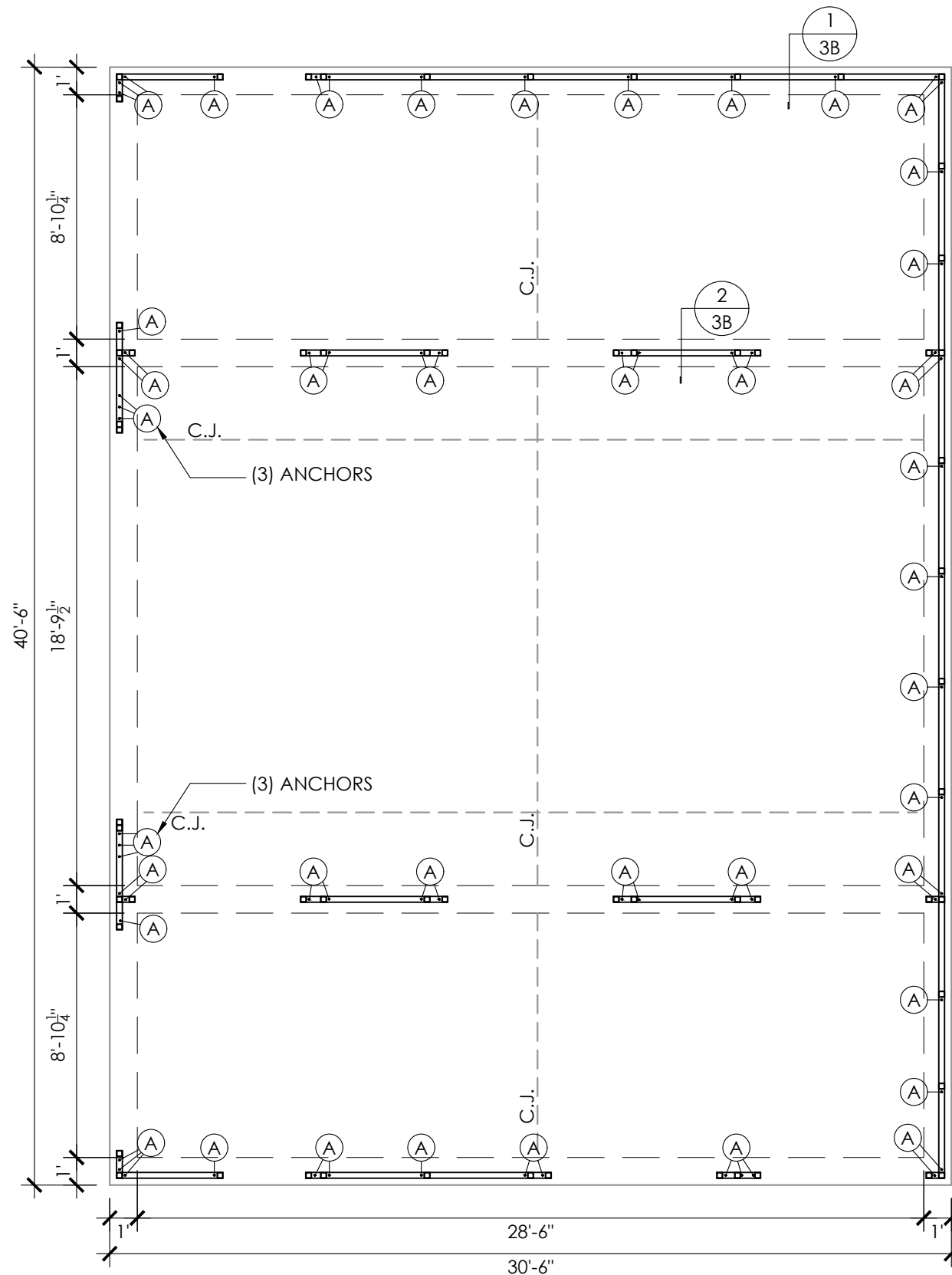
**LEFT SIDE WALL ELEVATION**

SCALE: 1/8" : 1'

MEMBER PROPERTIES	
BASE RAIL	2 1/2" SQ. X 14GA TUBE
COLUMN POST	2 1/2" SQ. X 14GA TUBE
CONCRETE SLAB	
ANCHOR 'A'	1/2" X 7" LG. POWER-STUD+ SD1 EXPANSION ANCHOR (PER ESR 2818)

**FOUNDATION NOTES:**

- CONTROL JOINTS SHALL BE PLACED SO AS TO LIMIT MAX. SLAB SPANS TO 20' IN EACH DIRECTION.
- CONCRETE ANCHORS SHALL BE LOCATED AS SHOWN ON THE FOUNDATION PLAN WITH A MINIMUM OF (1) ANCHOR PER POST.
- DEPTH OF SLAB TURN DOWN FOOTING SHALL BE GREATER THAN THE LOCAL FROST LINE DEPTH.
- DEPTH OF FOOTINGS SHALL EXTEND INTO UNDISTURBED SOIL OR COMPACTED ENGINEERING FILL.
- ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF.
- CONC STRENGTH TO BE A MIN OF 3000 PSI @ 28 DAYS. SPECIAL INSPECTION IS NOT REQUIRED AS ALL CONC FOUNDATION DESIGN IS BASED ON A MAX COMPRESSIVE STRENGTH OF 2500 PSI @ 28 DAYS.
- CONC SLAB TO SLOPE A MIN OF 1/8" FOR EVERY 12" TOWARDS LARGE OPENING(S) TO ALLOW DRAINAGE, IF INTENDED USE IS A GARAGE.
- IF LEVELING CURB IS REQUIRED, CONTACT METAL BUILDING MANUFACTURER FOR DETAILS BEFORE PROCEEDING. MIN 8" WIDE CURB REQ.



**FOUNDATION PLAN**  
SCALE: 3/16" : 1'

FOUNDATION PLAN:  
**CONCRETE SLAB**

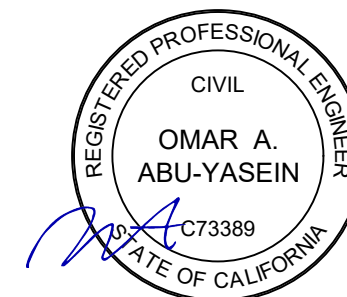
LOCATION:  
8535 VISTA CT  
GILROY, CA 95020

PROJECT TITLE:  
RYAN WILMOT

SHEET TITLE:

PROJECT TITLE:

METAL BUILDING MANUFACTURER



**EXPIRES: 12/31/2024**

SIGNED: NOV 28 2022

MEMBER PROPERTIES	
BASE RAIL	2 1/2" SQ. X 14GA TUBE
COLUMN POST	2 1/2" SQ. X 14GA TUBE
CONCRETE SLAB	
ANCHOR 'A'	1/2" X 7" LG. POWER-STUD+ SD1 EXPANSION ANCHOR (PER ESR 2818)

### ANCHORAGE NOTES:

#### 1. ANCHOR INSTALLATION REQUIREMENTS:

- MIN. ANCHOR EDGE DISTANCE: 4.00"
- MIN. ANCHOR HOLE DEPTH: 4.50"
- MIN. CONCRETE EMBEDMENT DEPTH: 3.754"
- MIN. EFFECTIVE EMBEDMENT: 3.25"
- MIN. SPACING BETWEEN (2) ANCHORS: 5.00"

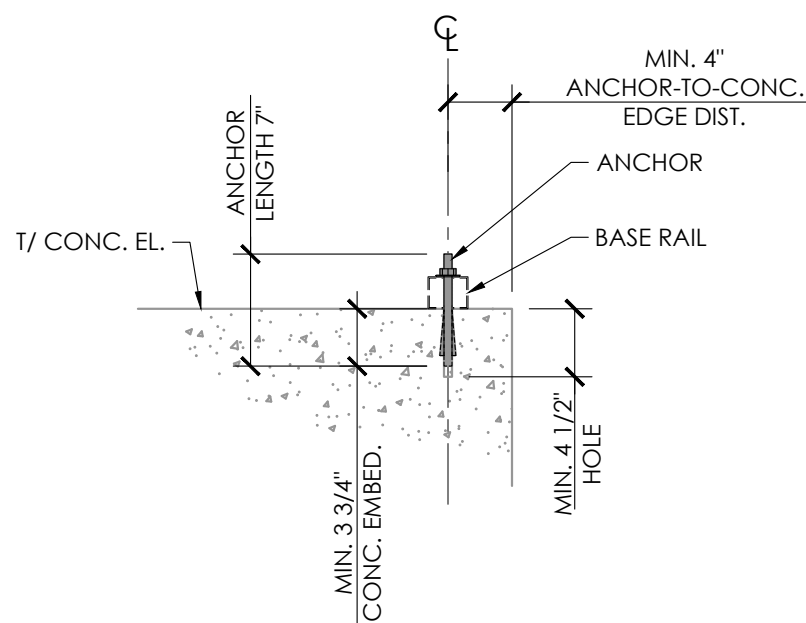
#### 2. ANCHORS TO BE SPACED NO MORE THAN 6" FROM POSTS.

#### 3. ALL ANCHORS TO BE A307 EQUIVALENT OR BETTER. ANCHORS TO BE INSTALLED PER MANUFACTURER'S REQ.

### REINFORCEMENT NOTES:

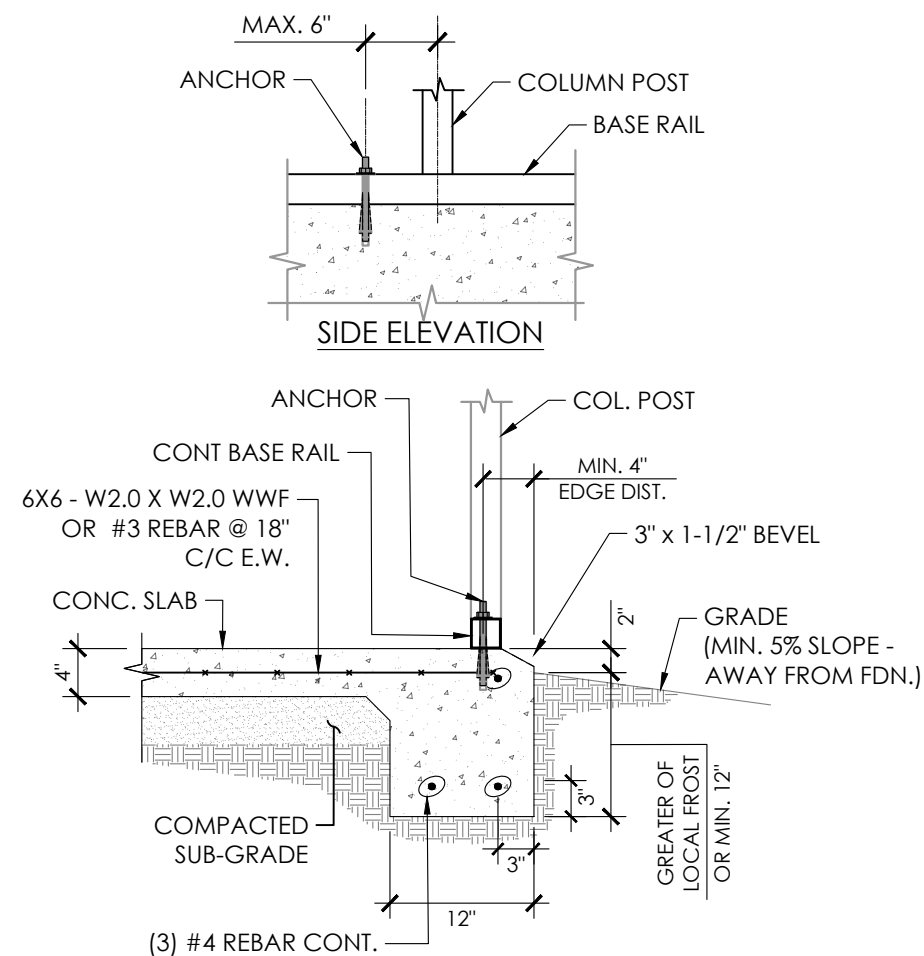
#### 1. REINFORCING STEEL: NEW BILLET-STEEL, DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60, WITH A MINIMUM YIELD OF 60 KSI FOR ALL BARS #4 AND LARGER UNLESS OTHERWISE INDICATED ON DRAWINGS.

#### 2. WELDED WIRE FABRIC: ASTM A185 USING BRIGHT STEEL WIRE MEETING THE REQUIREMENTS OF ASTM A82. GAUGES AND DIMENSIONS AS NOTED ON THE DRAWINGS. PROVIDE IN FLAT SHEETS ONLY.



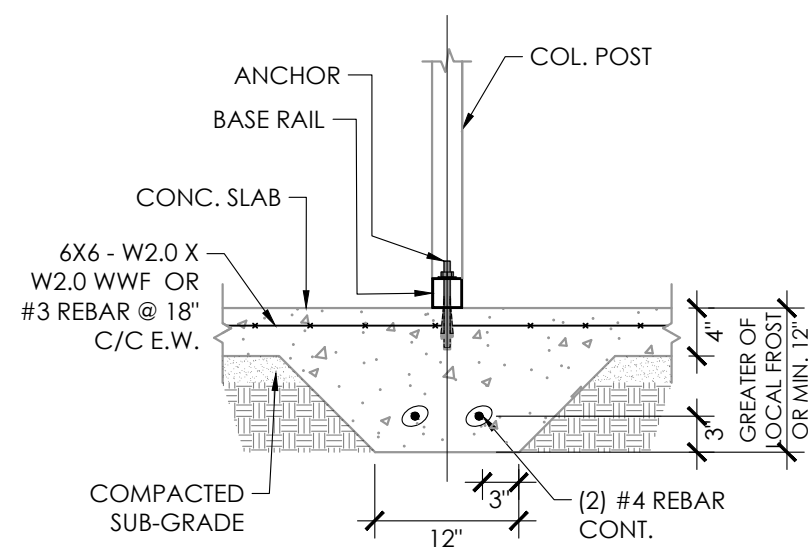
### ANCHORAGE DETAIL

SCALE: 1" : 1"



### 1 FOUNDATION DETAIL

SCALE: 3/4" : 1"



### 2 FOUNDATION DETAIL

SCALE: 3/4" : 1"

SHEET NO: 3B OF 7

PROJECT NO: 437-22-3504

DRAWN BY: A.F DATE: 11/24/2022

FOUNDATION DETAILS:  
CONCRETE SLAB

LOCATION:  
8535 VISTA CT  
GILROY, CA 95020

PROJECT TITLE:  
RYAN WILMOT

SHEET TITLE:

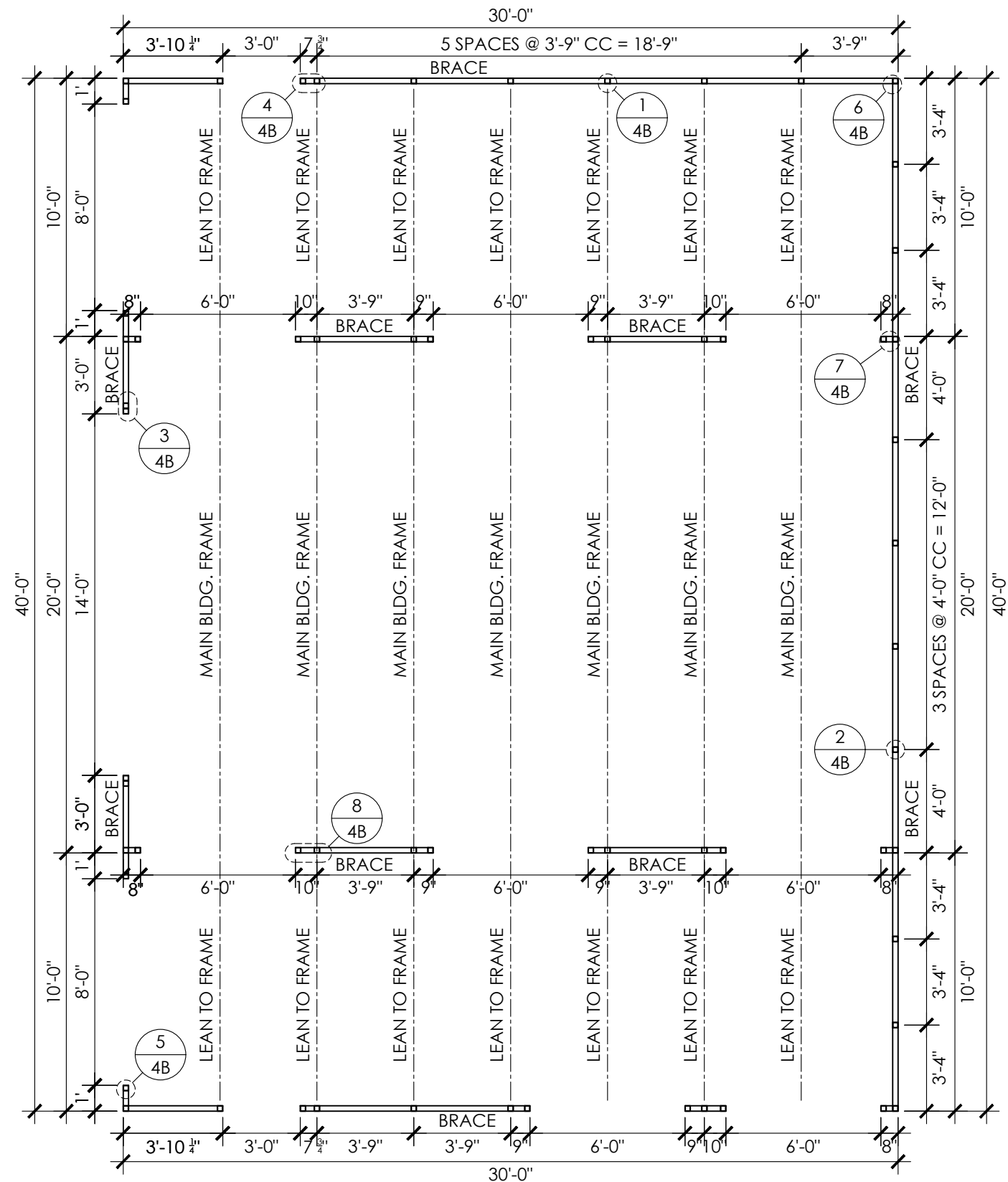
PROJECT TITLE:

METAL BUILDING MANUFACTURER



EXPIRES: 12/31/2024

SIGNED: NOV 28 2022

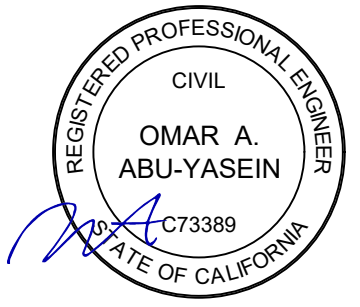


COLUMN LAYOUT PLAN  
SCALE: 3/16" : 1'

NOTE:  
SEE SHEET 3A / 3B & 4B FOR ANCHOR TYPE  
SEE SHEET 5A & 5B FOR FRAME SECTION AND DETAILS

COLUMN LAYOUT PLAN

SHEET TITLE:  
PROJECT TITLE:  
LOCATION:  
RYAN WILMOT



EXPIRES: 12/31/2024  
SIGNED: NOV 28 2022

LOCATION: 8535 VISTA CT GILROY, CA 95020

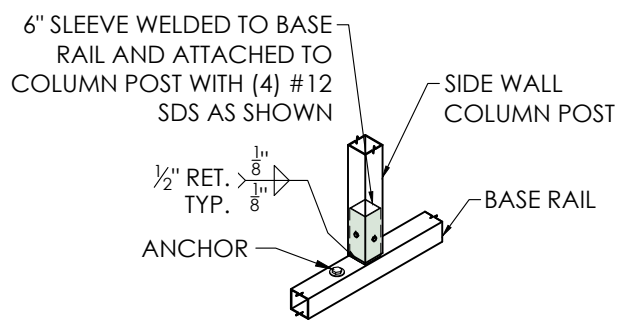
PROJECT TITLE: RYAN WILMOT

METAL BUILDING MANUFACTURER

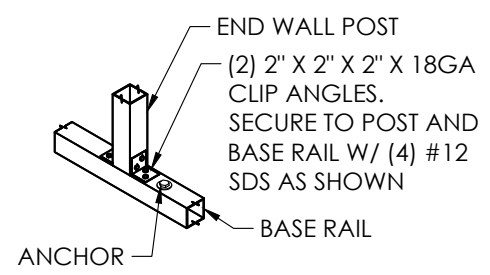


EXPIRES: 12/31/2024  
SIGNED: NOV 28 2022

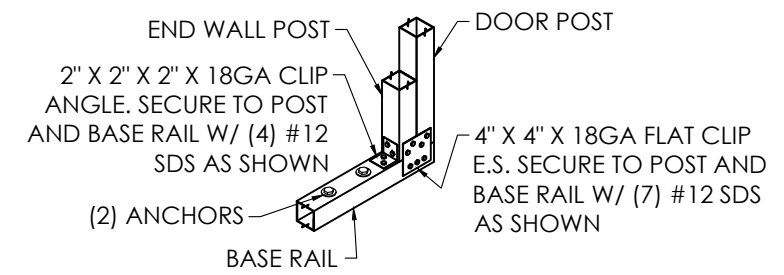
SHEET TITLE: COLUMN LAYOUT DETAILS



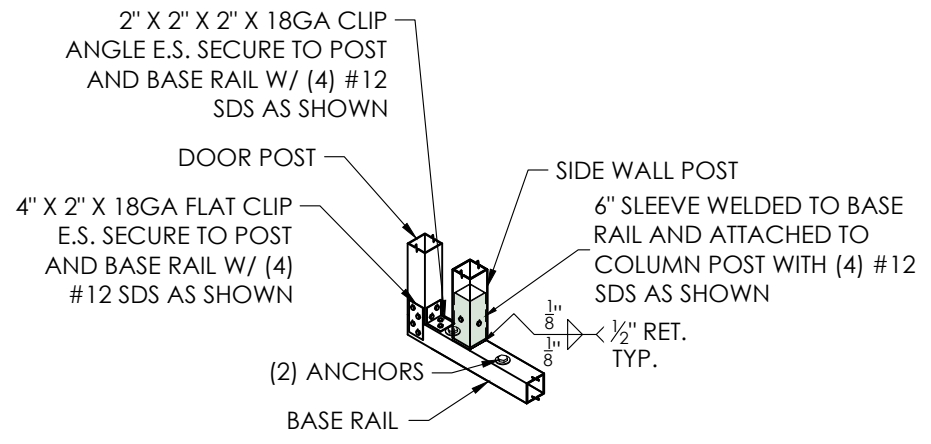
1 SIDE WALL-BASE DETAIL  
SCALE: 1/2" : 1'



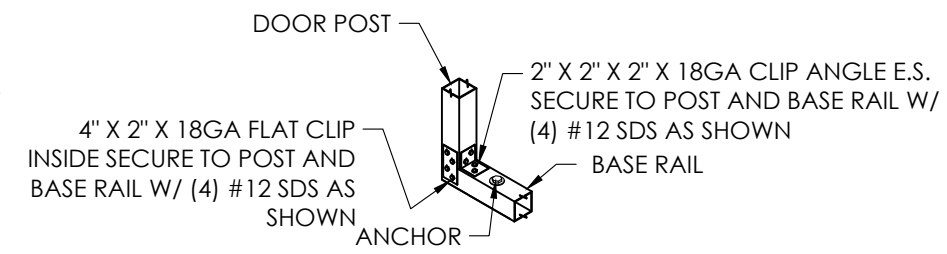
2 END WALL-BASE DETAIL  
SCALE: 1/2" : 1'



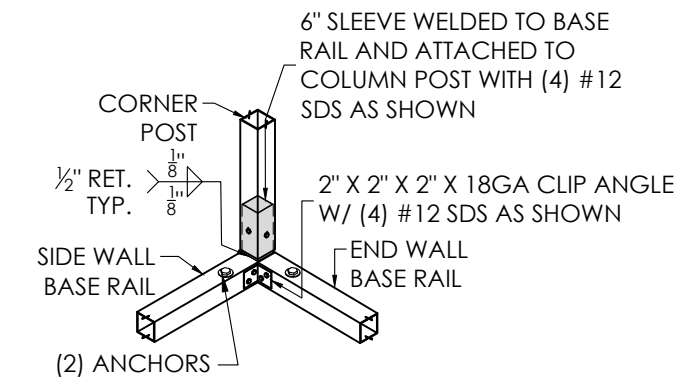
3 END WALL - DOOR DETAIL  
SCALE: 1/2" : 1'



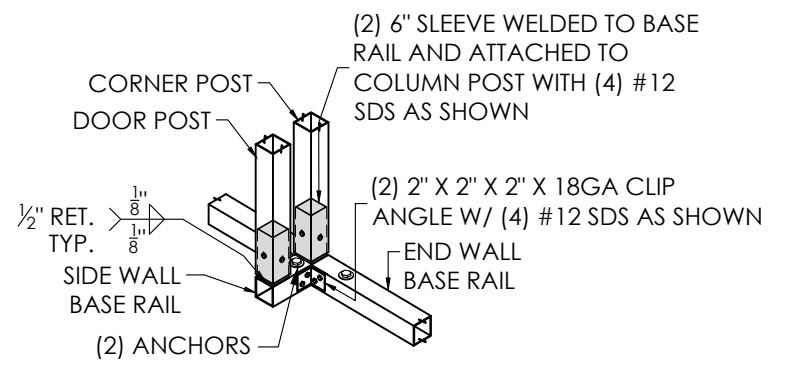
4 DOOR-BASE DETAIL  
SCALE: 1/2" : 1'



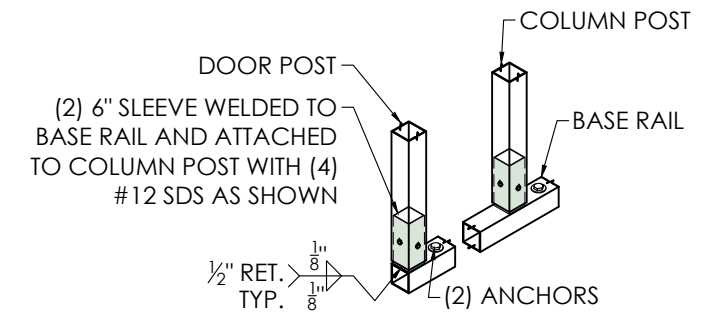
5 DOOR-BASE DETAIL  
SCALE: 1/2" : 1'



6 CORNER-BASE DETAIL  
SCALE: 1/2" : 1'



7 CORNER-BASE DETAIL  
SCALE: 1/2" : 1'



8 DOOR-BASE DETAIL  
SCALE: 1/2" : 1'



SHEET TITLE: **FRAME SECTION & DETAILS**

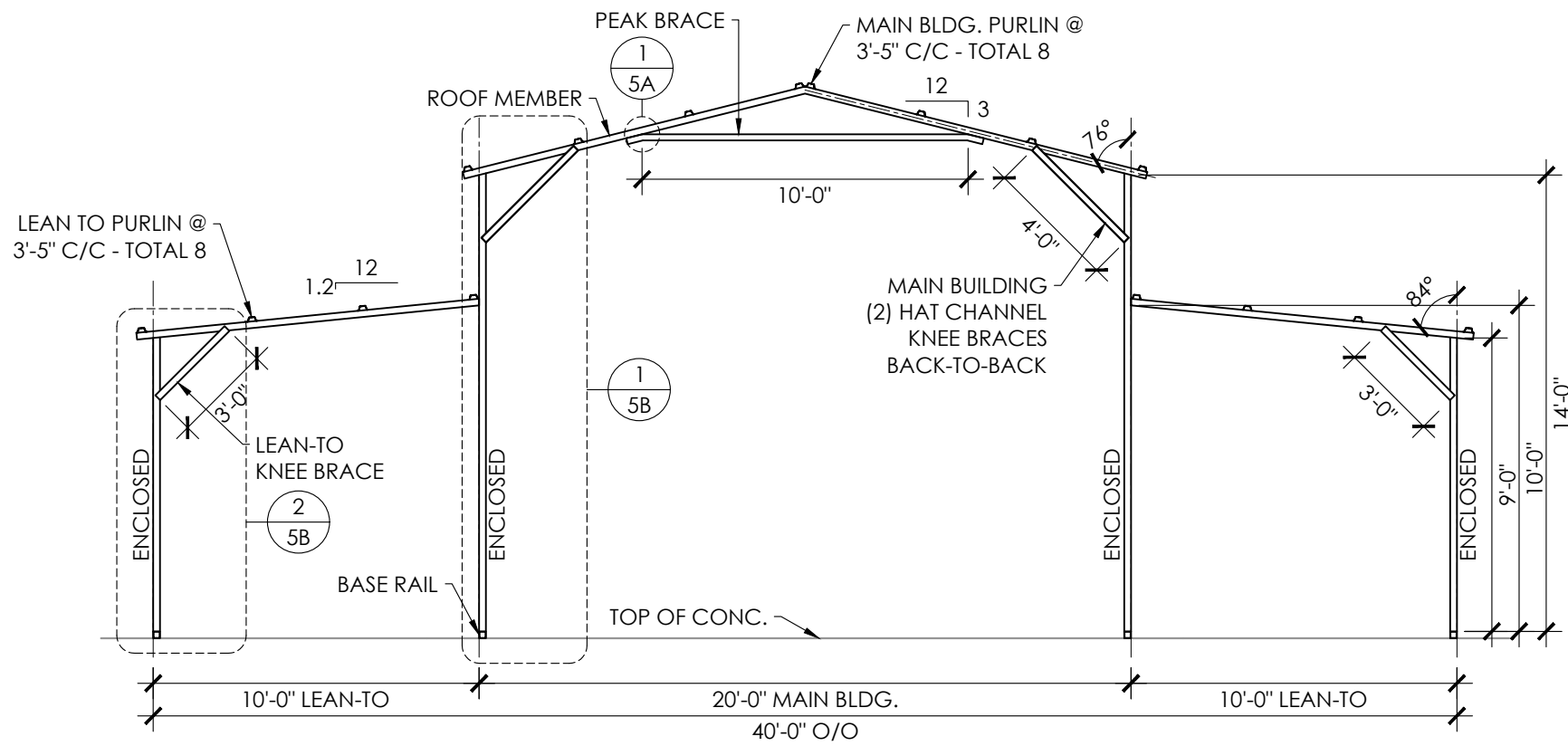
PROJECT TITLE: RYAN WILMOT

LOCATION: 8535 VISTA CT GILROY, CA 95020

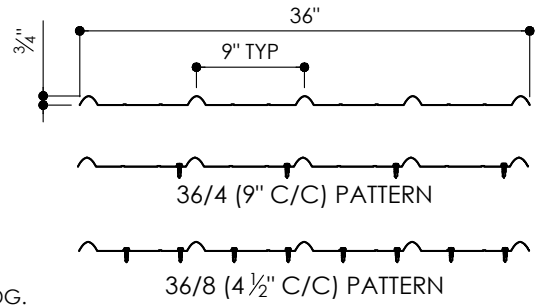
MEMBER PROPERTIES	
COLUMN POST	2 1/2" SQ. X 14GA TUBE
ROOF MEMBER	2 1/2" SQ. X 14GA TUBE
BASE RAIL	2 1/2" SQ. X 14GA TUBE
PEAK BRACE	2 1/2" SQ. X 14GA TUBE
MAIN BLDG. KNEE BRACE	(2) 4" X 1" X 14GA HAT CHANNEL
LEAN TO KNEE BRACE	2 1/2" X 14GA CHANNEL
CONNECTOR SLEEVE	2 1/4" SQ. X 12GA TUBE
PURLINS	4" X 1" X 14GA HAT CHANNEL

SHEATHING FASTENER SCHEDULE				
LOCATION	CORNER PANEL	SIDE LAPS	EDGE LAPS	ELSEWHERE
SPACING	9" CC	MIN. 1	4 1/2" CC	9" CC

FASTENER TYPE: # 12x1" SELF-DRILL SCREWS (ESR-2196) W/ NEOPRENE/STEEL WASHER

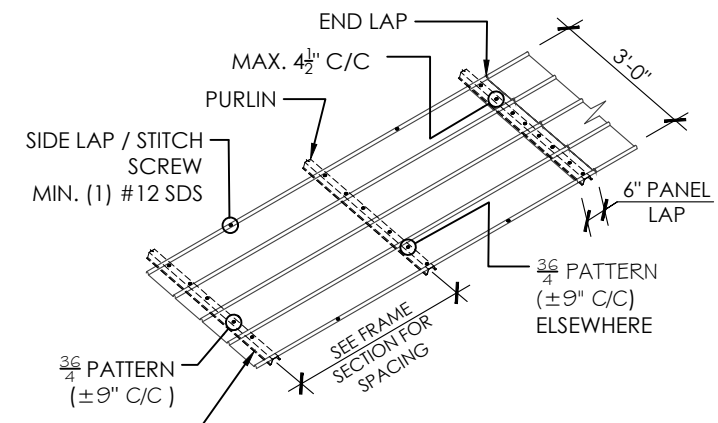


**FRAME SECTION**  
SCALE: 3/16" : 1'



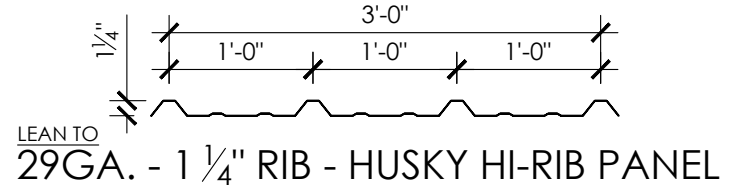
MAIN BLDG.  
**29GA. - 3/4" RIB - CORRUGATED SHEET**

SCALE: 3/4" : 1'



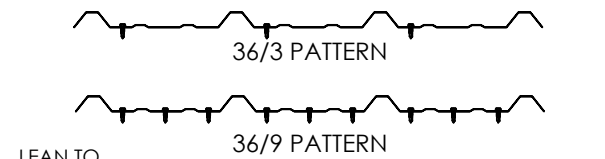
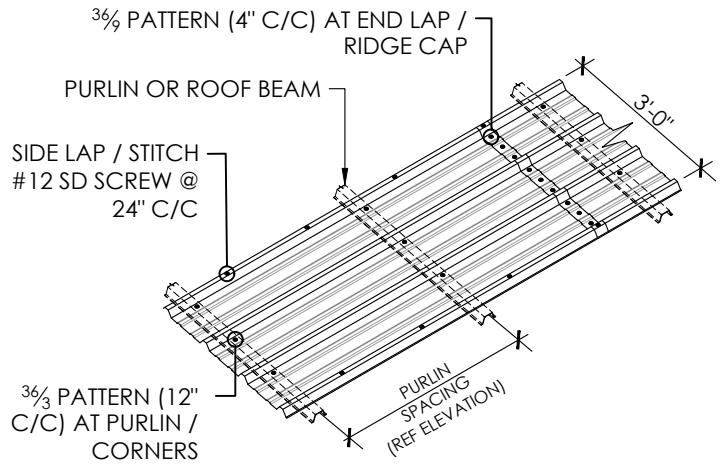
MAIN BLDG. @ CORNER / EDGE  
**SHEATHING FASTENER PATTERN**

SCALE: 3/16" : 1'



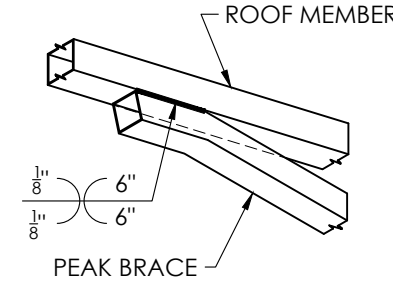
LEAN TO  
**29GA. - 1 1/4" RIB - HUSKY HI-RIB PANEL**

SCALE: 3/4" : 1'



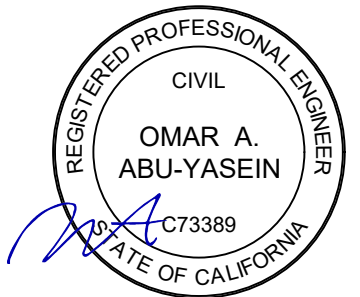
LEAN TO  
**SHEATHING FASTENER PATTERN**

SCALE: 1/4" : 1'



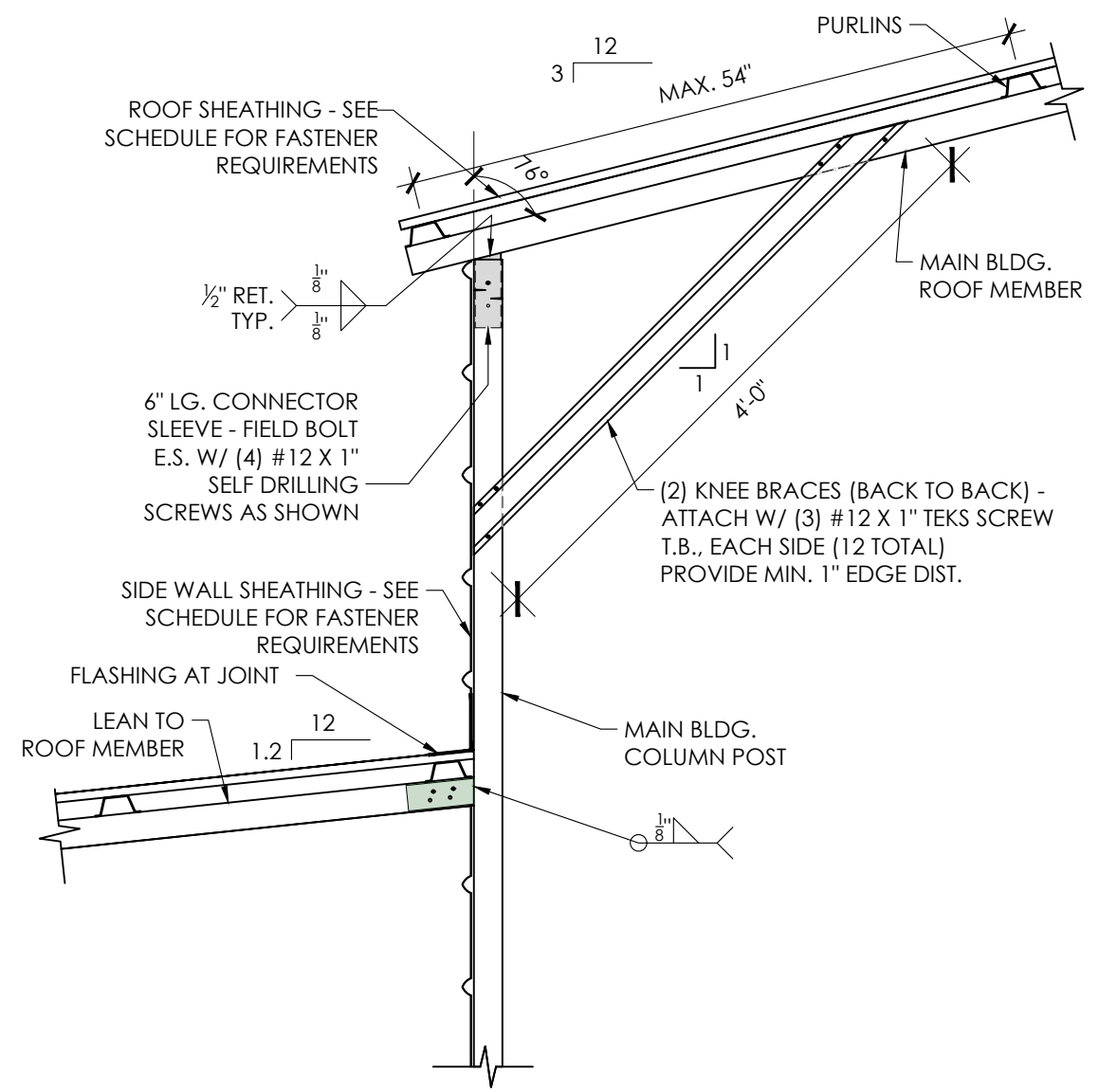
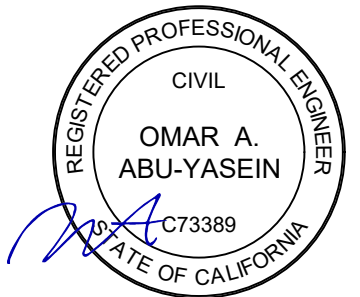
**1 PEAK BRACE DETAIL**

SCALE: 3/4" : 1'

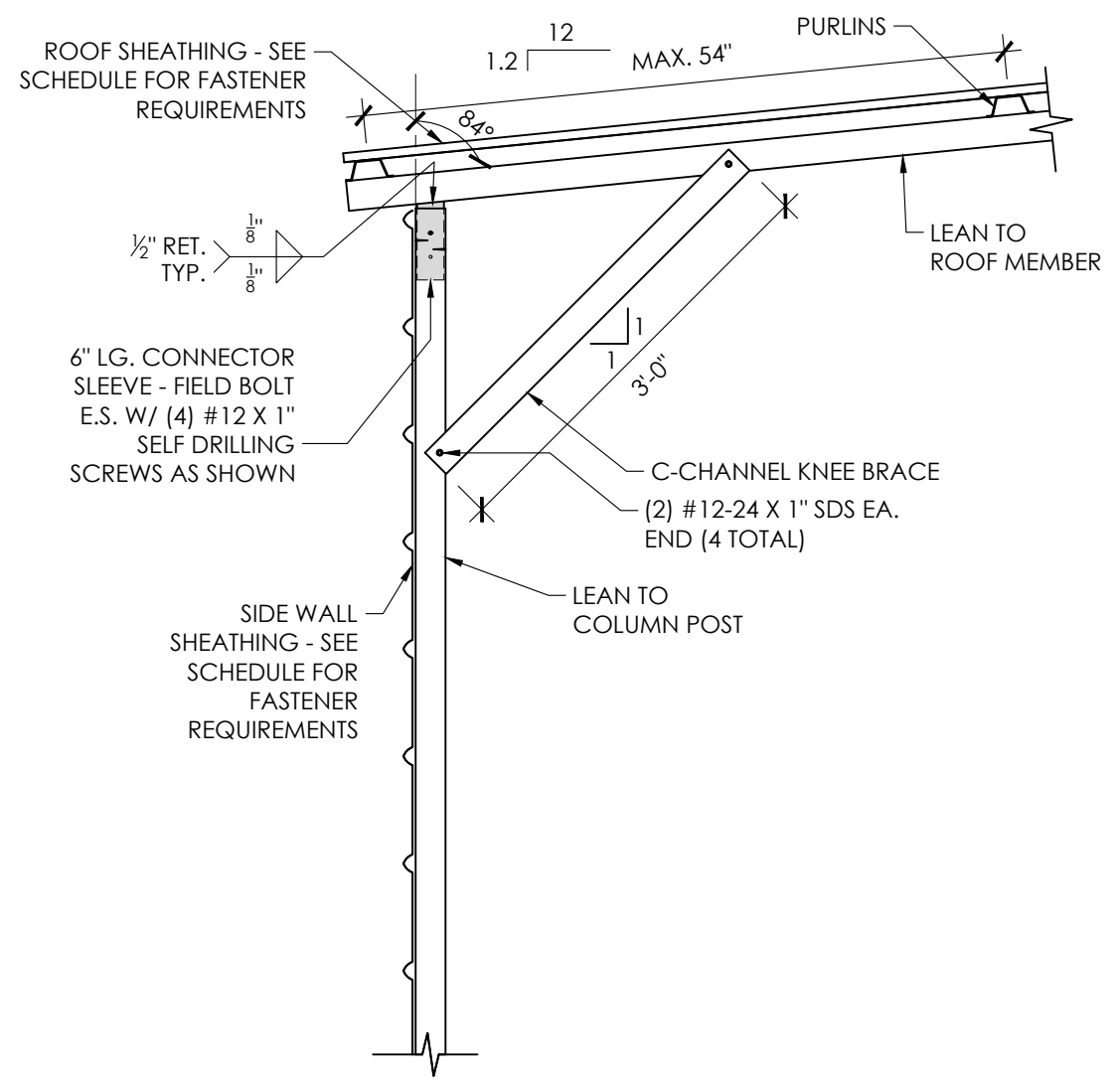


**EXPIRES: 12/31/2024**  
SIGNED: NOV 28 2022

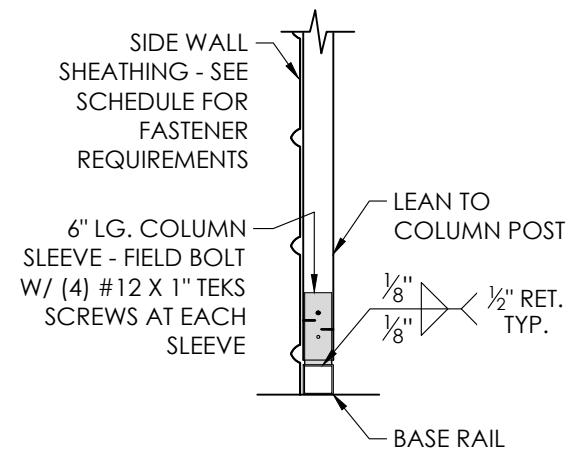
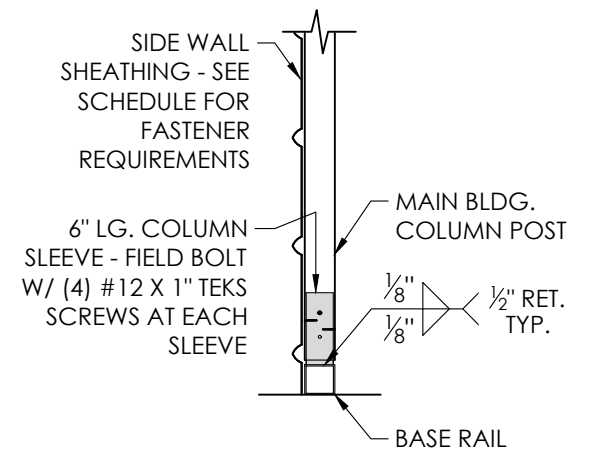
FRAME SECTION DETAILS  
LOCATION: 8535 VISTA CT GILROY, CA 95020  
PROJECT TITLE: RYAN WILMOT

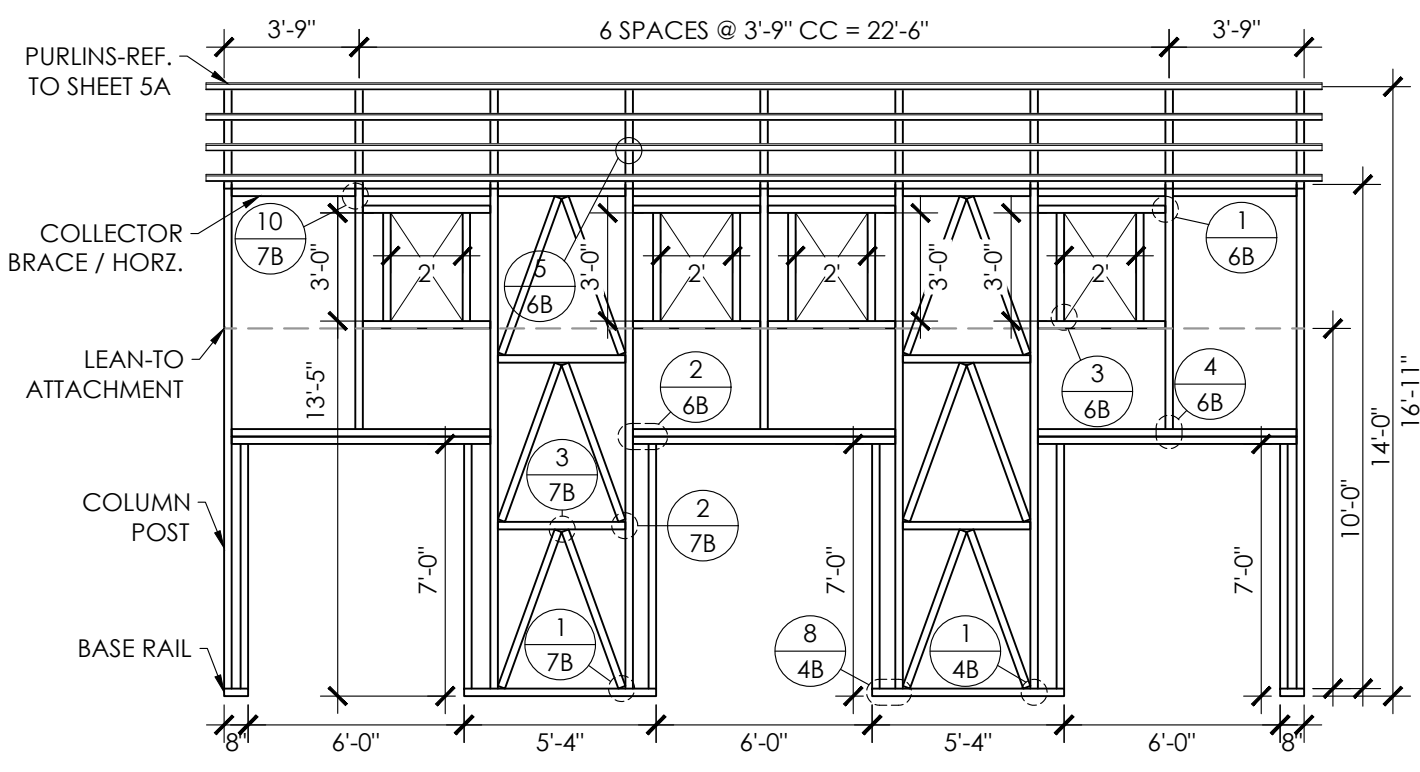


1 TYP. MAIN BLDG. FRAME DETAIL  
SCALE: 3/4" : 1'

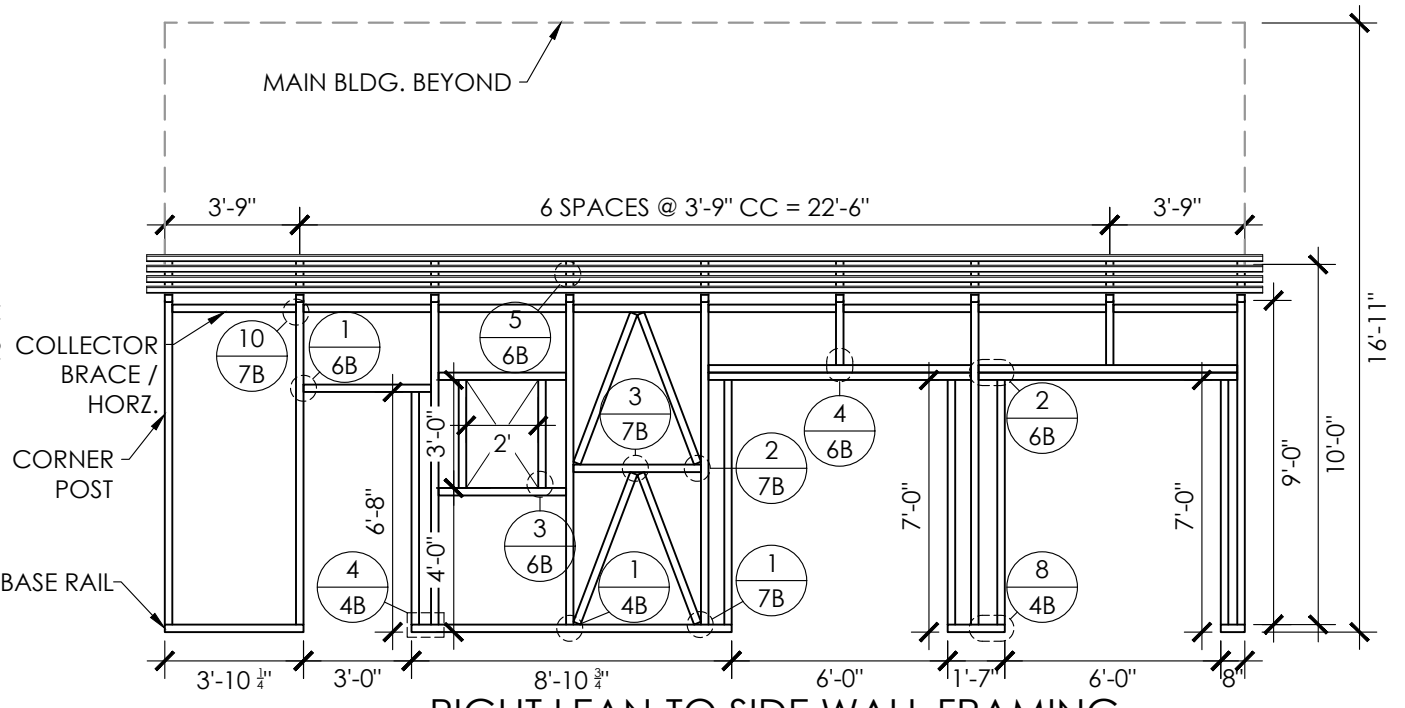


2 LEAN TO FRAME DETAIL  
SCALE: 3/4" : 1'

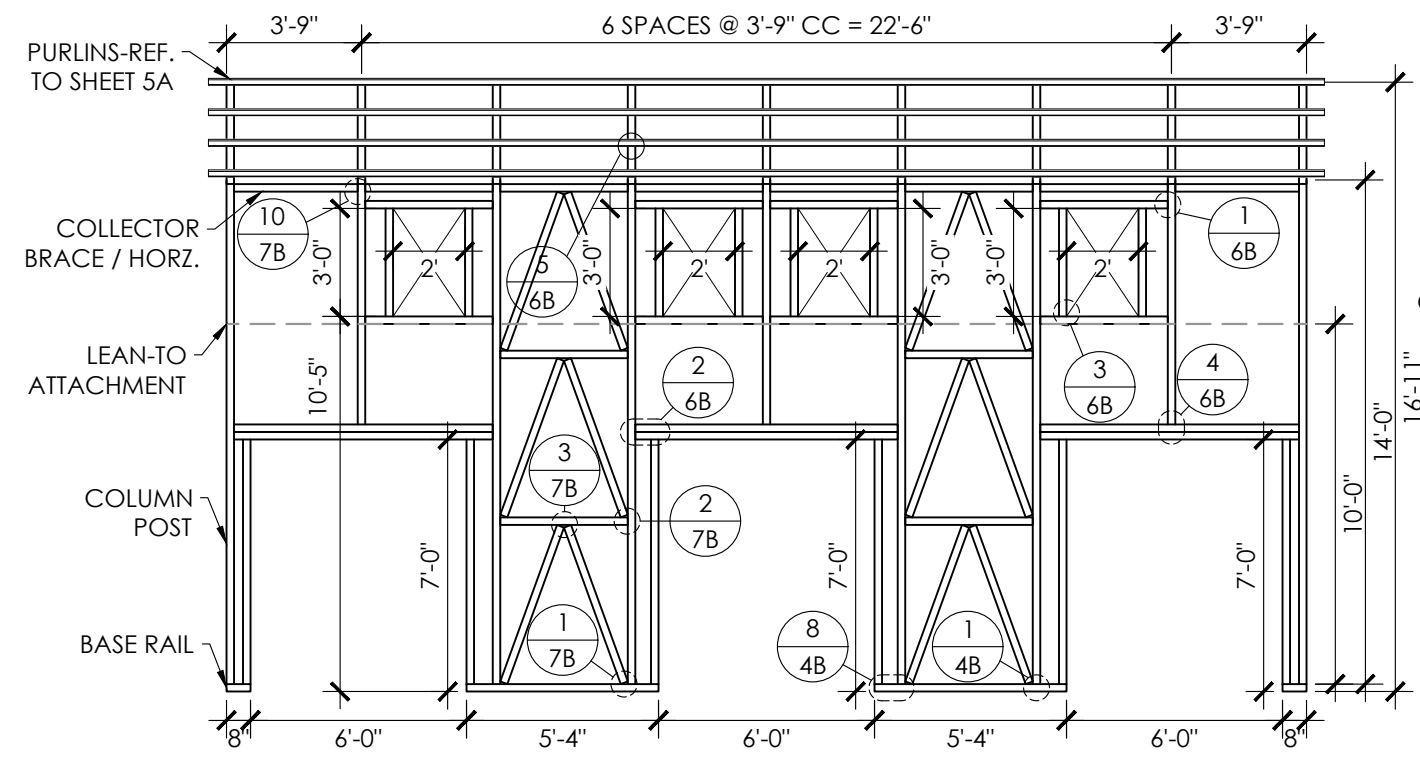




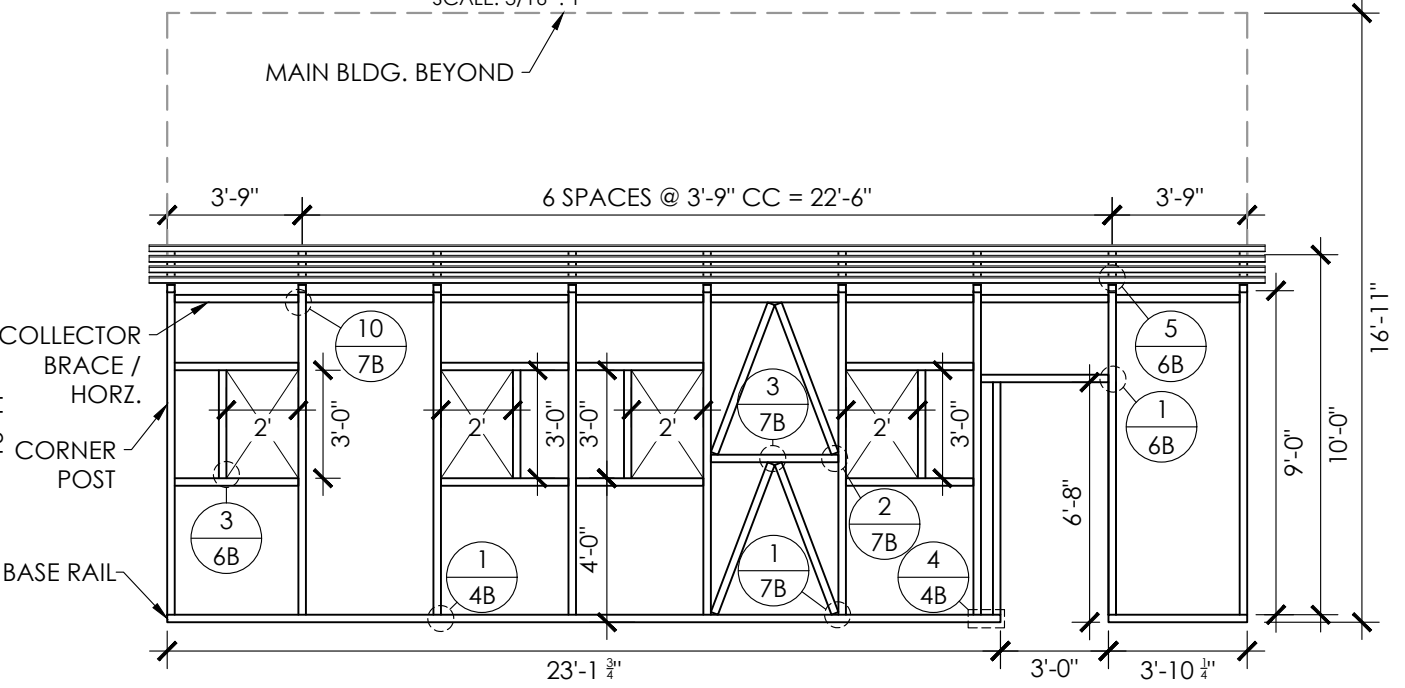
**MAIN BLDG. RIGHT SIDE WALL FRAMING**  
SCALE: 3/16" : 1'



**RIGHT LEAN-TO SIDE WALL FRAMING**  
SCALE: 3/16" : 1'



**MAIN BLDG. LEFT SIDE WALL FRAMING**  
SCALE: 3/16" : 1'

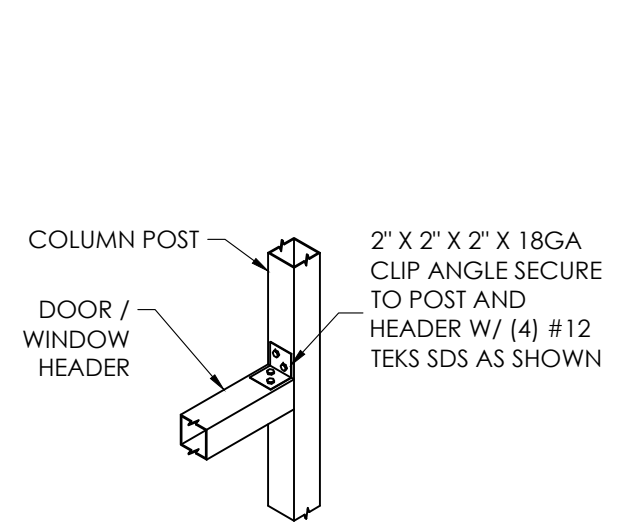


**LEFT LEAN-TO SIDE WALL FRAMING**  
SCALE: 3/16" : 1'

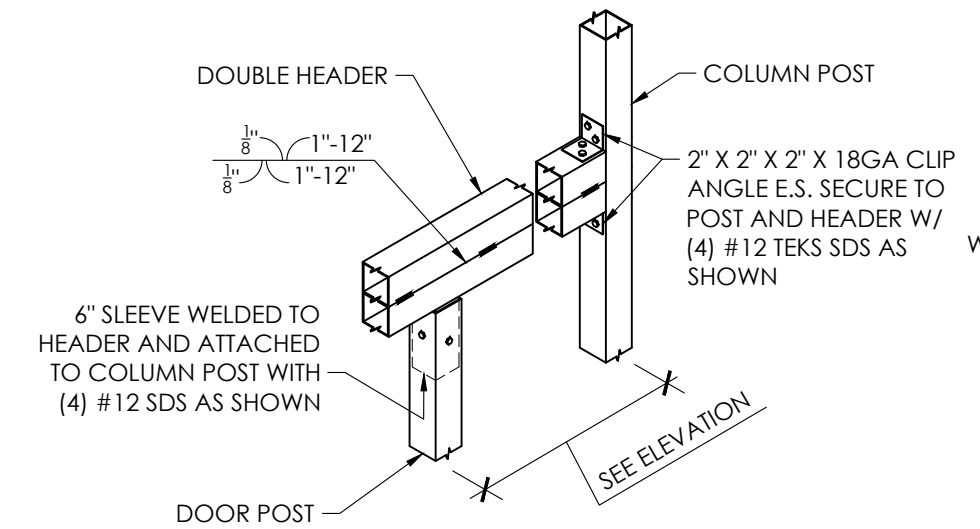
MEMBER PROPERTIES	
SIDE WALL POST	2 1/2" SQ. X 14GA TUBE
BASE RAIL	2 1/2" SQ. X 14GA TUBE
CONNECTOR SLEEVE	2 1/4" SQ. X 12GA TUBE
PURLINS	4" X 1" X 14GA HAT CHANNEL
DOOR POST	2 1/2" SQ. X 14GA TUBE
DOUBLE HEADER	(2) 2 1/2" SQ. X 14GA TUBE - STITCH WELDED
DIAGONAL BRACES	2" SQ. X 12GA TUBE
HORZ. BRACES	2 1/4" SQ. X 14GA TUBE



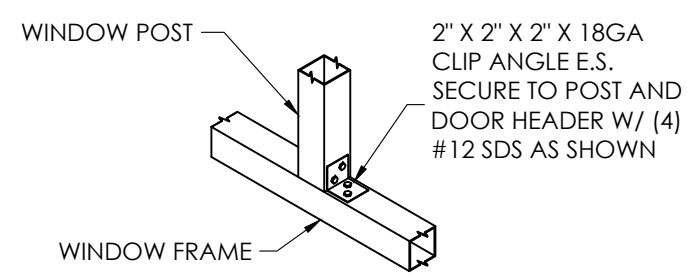
**EXPIRES: 12/31/2024**  
SIGNED: NOV 28 2022



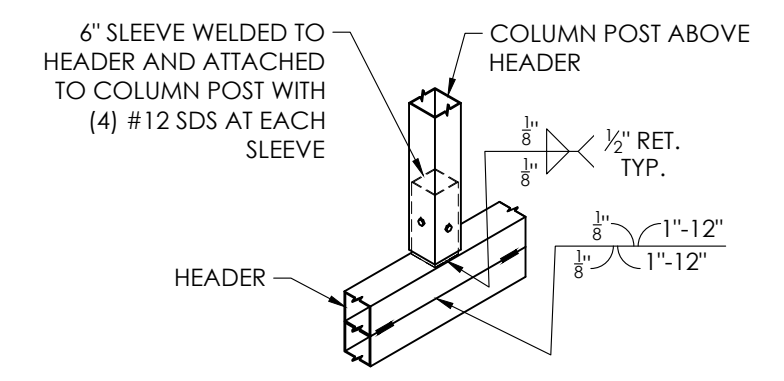
**1** WINDOW/DOOR DETAIL  
 SCALE: 3/4" : 1'



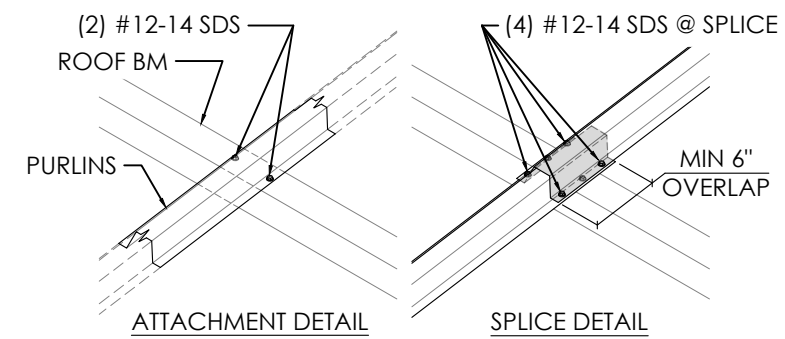
**2** DOOR HEADER DETAIL  
 SCALE: 3/4" : 1'



**3** WINDOW DETAIL  
 SCALE: 3/4" : 1'

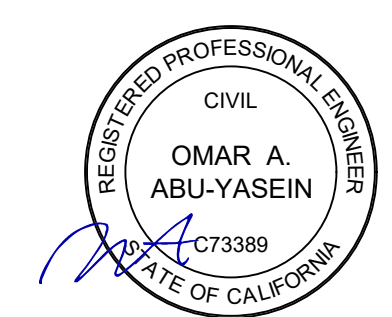


**4** ABOVE HEADER DETAIL  
 SCALE: 3/4" : 1'



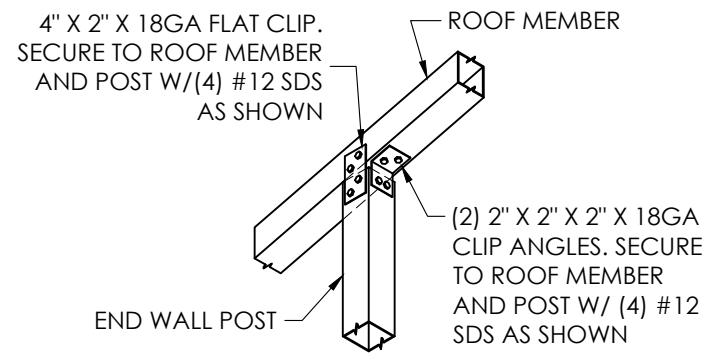
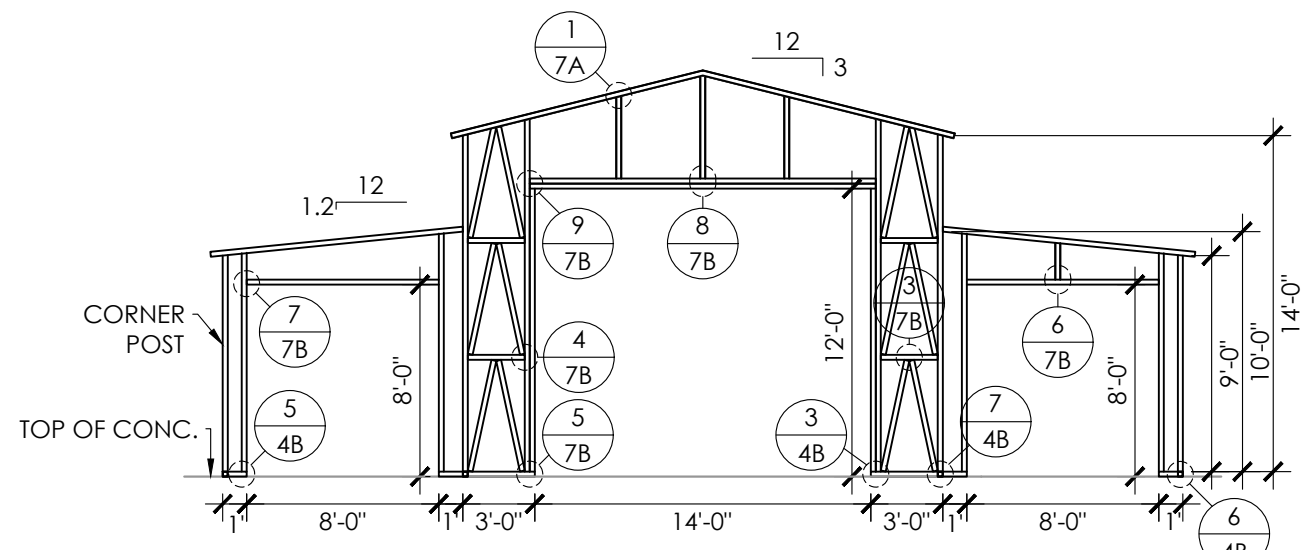
**5** PURLIN DETAIL  
 SCALE: 3/4" : 1'

SHEET TITLE: **SIDE WALL FRAMING DETAILS**  
 PROJECT TITLE: **RYAN WILMOT**  
 LOCATION: **8535 VISTA CT GILROY, CA 95020**

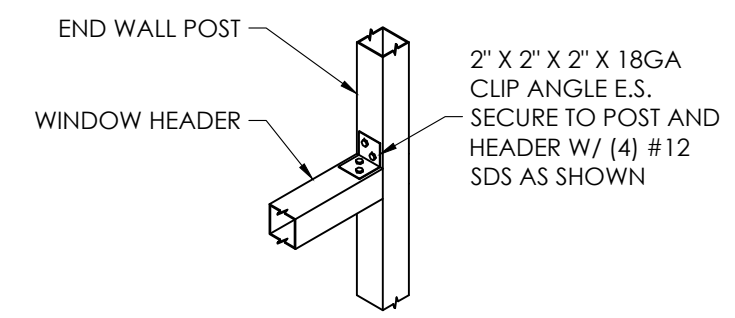


**EXPIRES: 12/31/2024**  
 SIGNED: NOV 28 2022

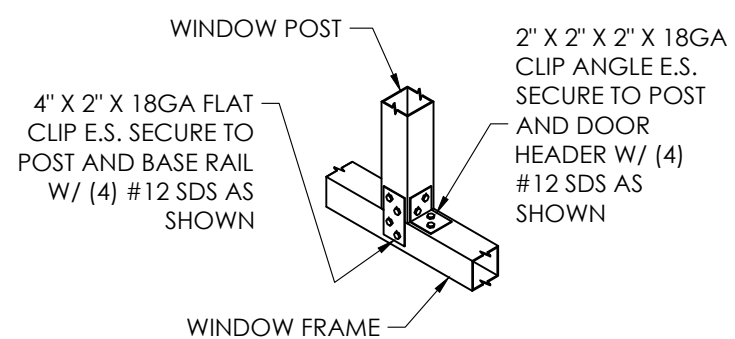
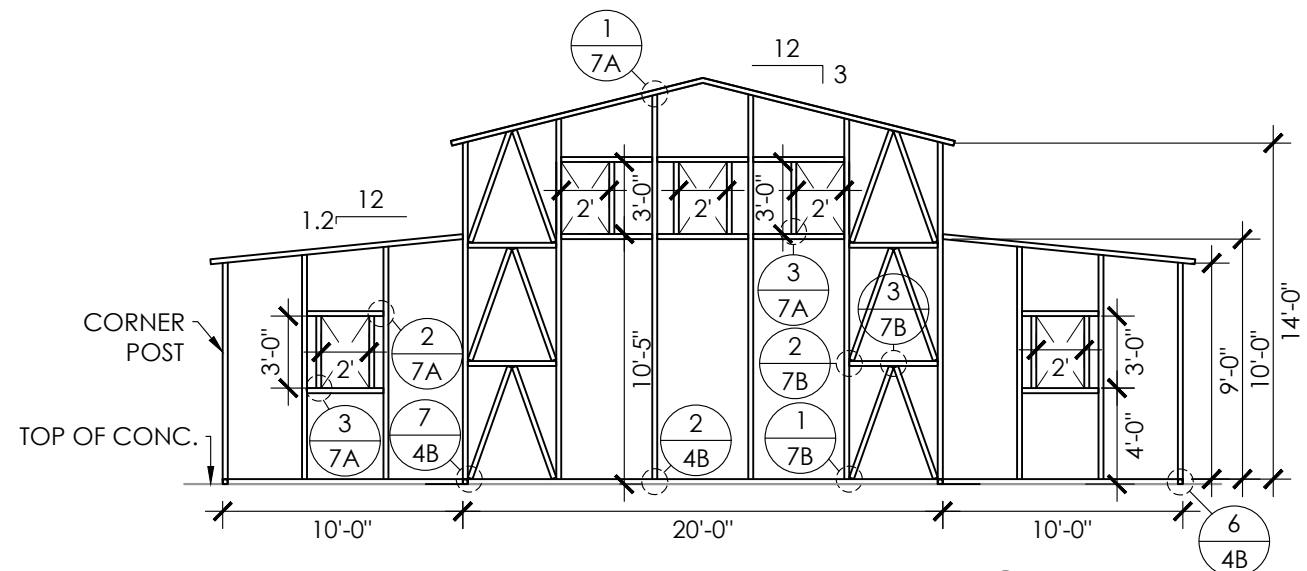
MEMBER PROPERTIES	
CORNER POST	2 1/2" SQ. X 14GA TUBE
ROOF MEMBER	2 1/2" SQ. X 14GA TUBE
BASE RAIL	2 1/2" SQ. X 14GA TUBE
HEADER	2 1/2" SQ. X 14GA TUBE
DOUBLE HEADER	(2) 2 1/2" SQ. X 14GA TUBE - STITCH WELDED
DOOR POST	2 1/2" SQ. X 14GA TUBE
WINDOW POST	2 1/2" SQ. X 14GA TUBE
END WALL POSTS	2 1/2" SQ. X 14GA TUBE
DIAGONAL BRACES	2" SQ. X 12GA TUBE
HORZ. BRACES	2 1/4" SQ. X 14GA TUBE



1 ROOF MEMBER DETAIL  
SCALE: 3/4" : 1'



2 WINDOW DETAIL  
SCALE: 3/4" : 1'



3 WINDOW DETAIL  
SCALE: 3/4" : 1'

SHEET TITLE: END WALL FRAMING & DETAILS

PROJECT TITLE: 8535 VISTA CT  
GILROY, CA 95020

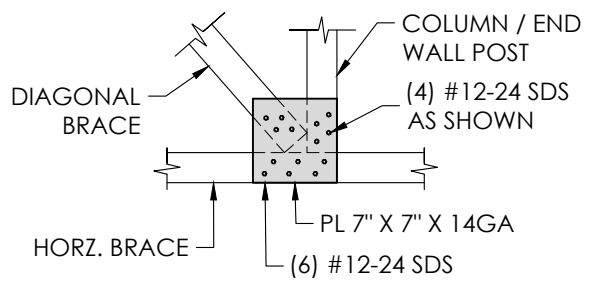
PROJECT TITLE: RYAN WILMOT

METAL BUILDING MANUFACTURER

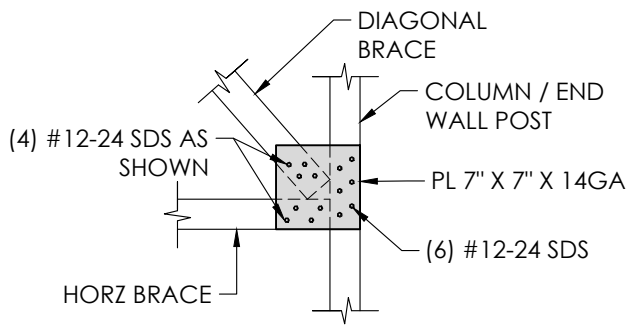


EXPIRES: 12/31/2024

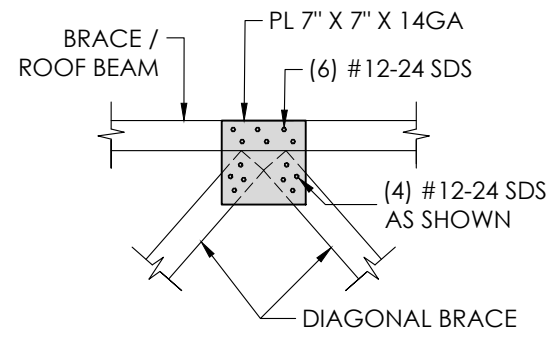
SIGNED: NOV 28 2022



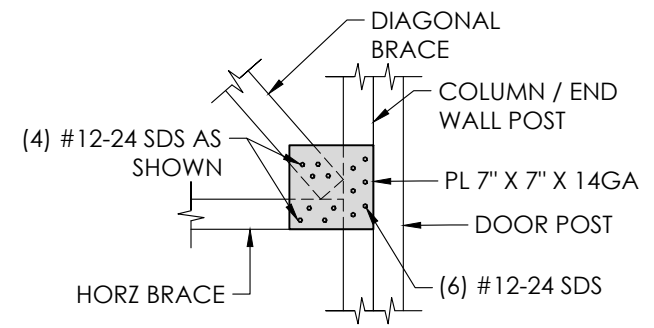
1 LATTICE BRACE DETAIL  
SCALE: 3/4" : 1'



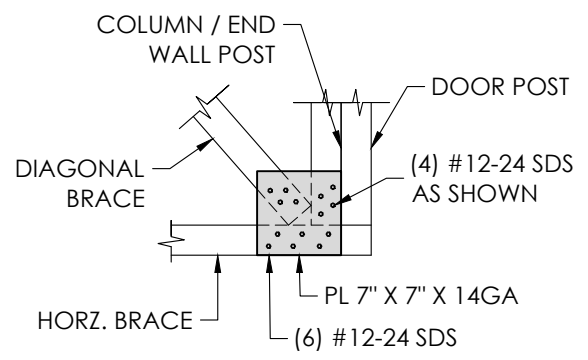
2 LATTICE BRACE DETAIL  
SCALE: 3/4" : 1'



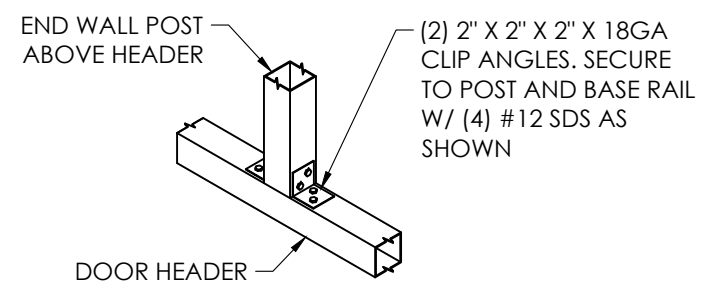
3 LATTICE BRACE DETAIL  
SCALE: 3/4" : 1'



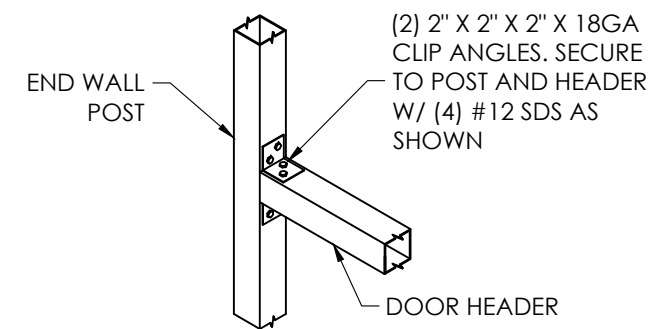
4 LATTICE BRACE DETAIL  
SCALE: 3/4" : 1'



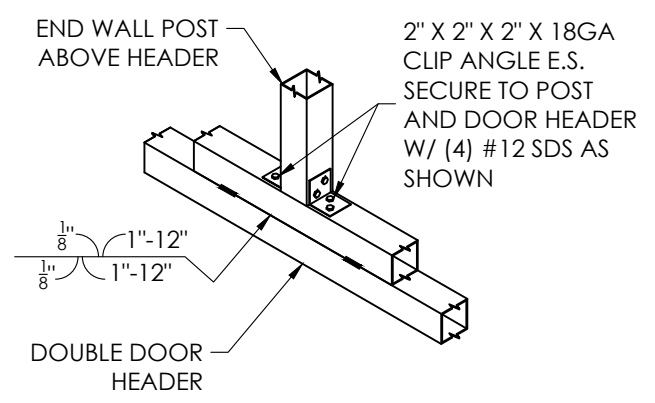
5 LATTICE BRACE DETAIL  
SCALE: 3/4" : 1'



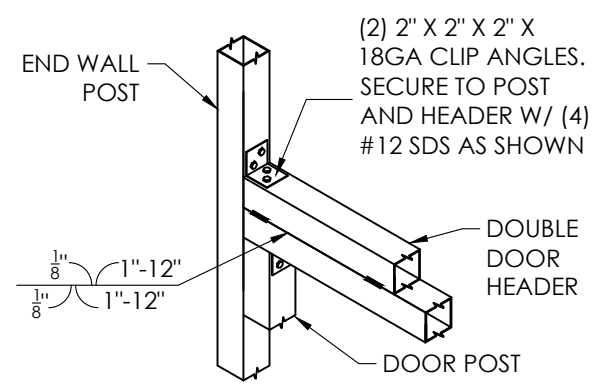
6 ABOVE HEADER DETAIL  
SCALE: 3/4" : 1'



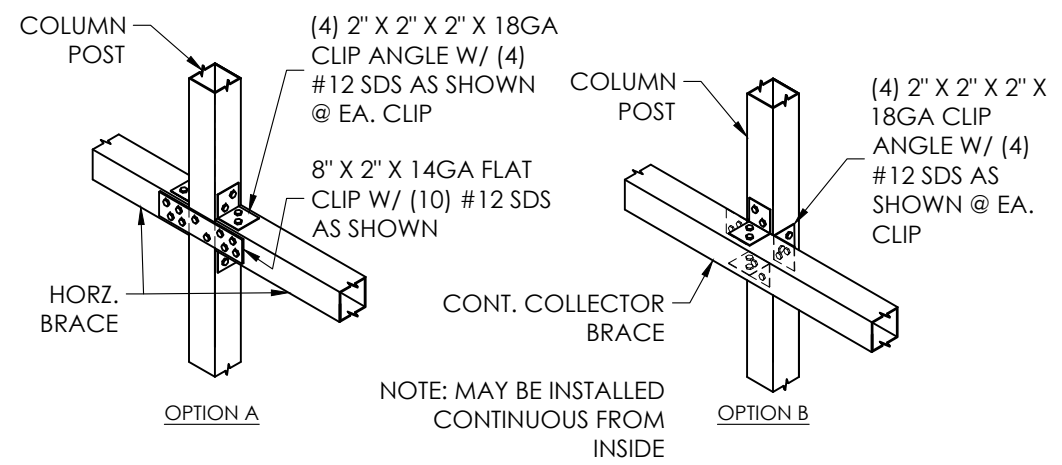
7 DOOR HEADER DETAIL  
SCALE: 3/4" : 1'



8 ABOVE HEADER DETAIL  
SCALE: 3/4" : 1'



9 DOOR HEADER DETAIL  
SCALE: 3/4" : 1'



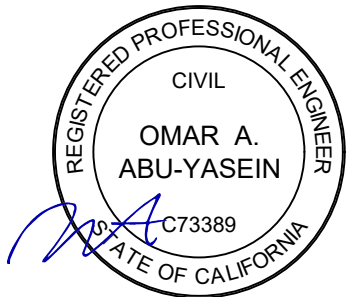
10 COLLECTOR BRACE DETAIL  
SCALE: 3/4" : 1'

NOTE: MAY BE INSTALLED CONTINUOUS FROM INSIDE

SHEET TITLE: END WALL FRAMING DETAILS

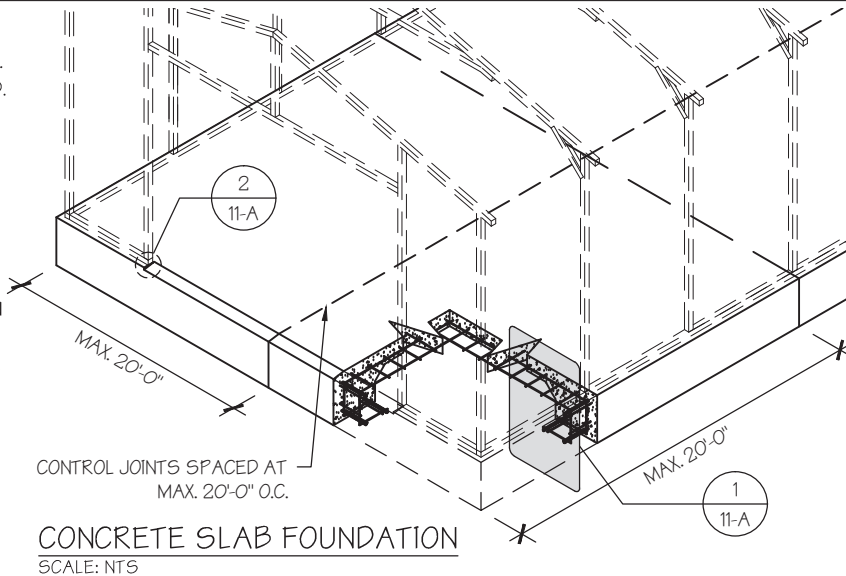
PROJECT TITLE: 8535 VISTA CT GILROY, CA 95020

PROJECT TITLE: RYAN WILMOT



**CONCRETE SLAB FOUNDATION NOTES:**

- DESIGNS SHOWN ON THIS SHEET ARE FOR CONCRETE SLAB FOUNDATION. ANY OF THE FOUNDATIONS SHOWN ON SHEETS 11-A THRU C CAN BE USED.
- CONCRETE ANCHORS SHALL BE LOCATED NEXT TO EVERY POST AND ON EITHER SIDE OF OPENINGS. TWO ANCHORS SHALL BE INSTALLED AT CORNERS OF ENCLOSED BUILDINGS WITH END WALLS - ONE ON EACH BASE RAIL. IN LOCATIONS REQUIRING TWO ANCHORS DUE TO WIND, ONE ANCHOR IS TO BE ON EACH SIDE OF THE COLUMN POST.
- ANCHORS IN CLOSE PROXIMITY TO EACH OTHER MUST HAVE A MIN. 4" SPACING.
- MIN. NUMBER OF CONCRETE ANCHORS PER POST SHALL BE AS SHOWN IN TABLE 11-A.2.
- THE SIZE OF THE SLAB SHALL BE THE SIZE (WIDTH AND LENGTH) OF THE BUILDING PLUS 5 1/2" FOR 14GA MATERIAL AND 5 3/4" FOR 12GA MATERIAL.
- DEPTH OF SLAB TURN DOWN FOOTING SHALL BE GREATER THAN FROST DEPTH SPECIFIED PER LOCAL CODE.
- CONTROL JOINTS SHALL BE PLACED SO AS TO LIMIT MAX. SLAB SPANS TO 20' IN EACH DIRECTION.
- ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF.
- CONCRETE STRENGTH TO BE A MIN OF 2500 PSI @ 28 DAYS.



MANUFACTURED BY:

ENGINEERED BY:

**A&A ENGINEERING**  
CIVIL • STRUCTURAL  
6063 Renaissance Place, Toledo, OH 43623  
Tel. 419-292-1983 • Fax. 419-292-0955  
www.aa-engineers.com

**DRAWING INFORMATION**

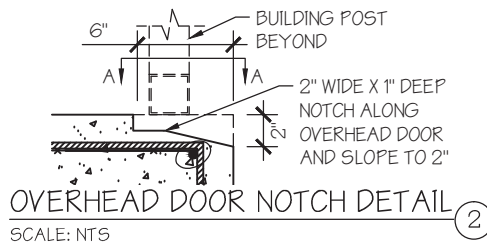
PROJECT: 18'-0" WIDE BUILDINGS  
LOCATION: STATE OF CALIFORNIA  
PROJECT NO.: 437-21-0331  
SHEET TITLE: FOUNDATION OPTION 1: CONCRETE SLAB  
SHEET NO.: 11-A / 11  
DRAWN BY: A.W. DATE: 11/17/21  
CHECKED BY: OAA DATE: 11/17/21

**LEGAL INFORMATION**

- ANY DUPLICATION OF THIS DRAWING IN WHOLE OR PART IS STRICTLY FORBIDDEN. ANYONE DOING SO WILL BE PROSECUTED UNDER THE FULL EXTENT OF THE LAW. - DRAWINGS VALID UP TO 1 YEAR FROM DATE OF ISSUE.

SEAL:

DATE EXPIRES: **12-31-2022**  
DATE SIGNED: **04-15-2022**



**TABLE 11-A.2: CONCRETE SLAB ANCHOR SCHEDULE**

ENCLOSURE	WIND SPEED (MPH)	ANCHOR SIZE/NUMBER
ENCLOSED	□ 105 TO 135	(1) 1/2"Ø X 7"
	□ 136 TO 180	(2) 1/2"Ø X 7"
OPEN	□ 105 TO 135	(1) 1/2"Ø X 7"
	□ 136 TO 180	(2) 1/2"Ø X 7"

- NOTES:
- ANCHORS ARE TO BE CONCRETE WEDGE OR EXPANSION ANCHORS.
  - MIN. EMBEDMENT DEPTH TO BE 2 7/8".
  - ANCHORS TO BE SPACED NO MORE THAN 6" FROM POSTS.

**TABLE 11-A.1: NOTCH WIDTH**

HORIZONTAL/OPEN		VERTICAL	
□ 14GA	□ 12GA	□ 14GA	□ 12GA
2 3/4"	2 7/8"	1 3/4"	1 7/8"

NOTE: DEPTH IS TO BE 1 1/2"

