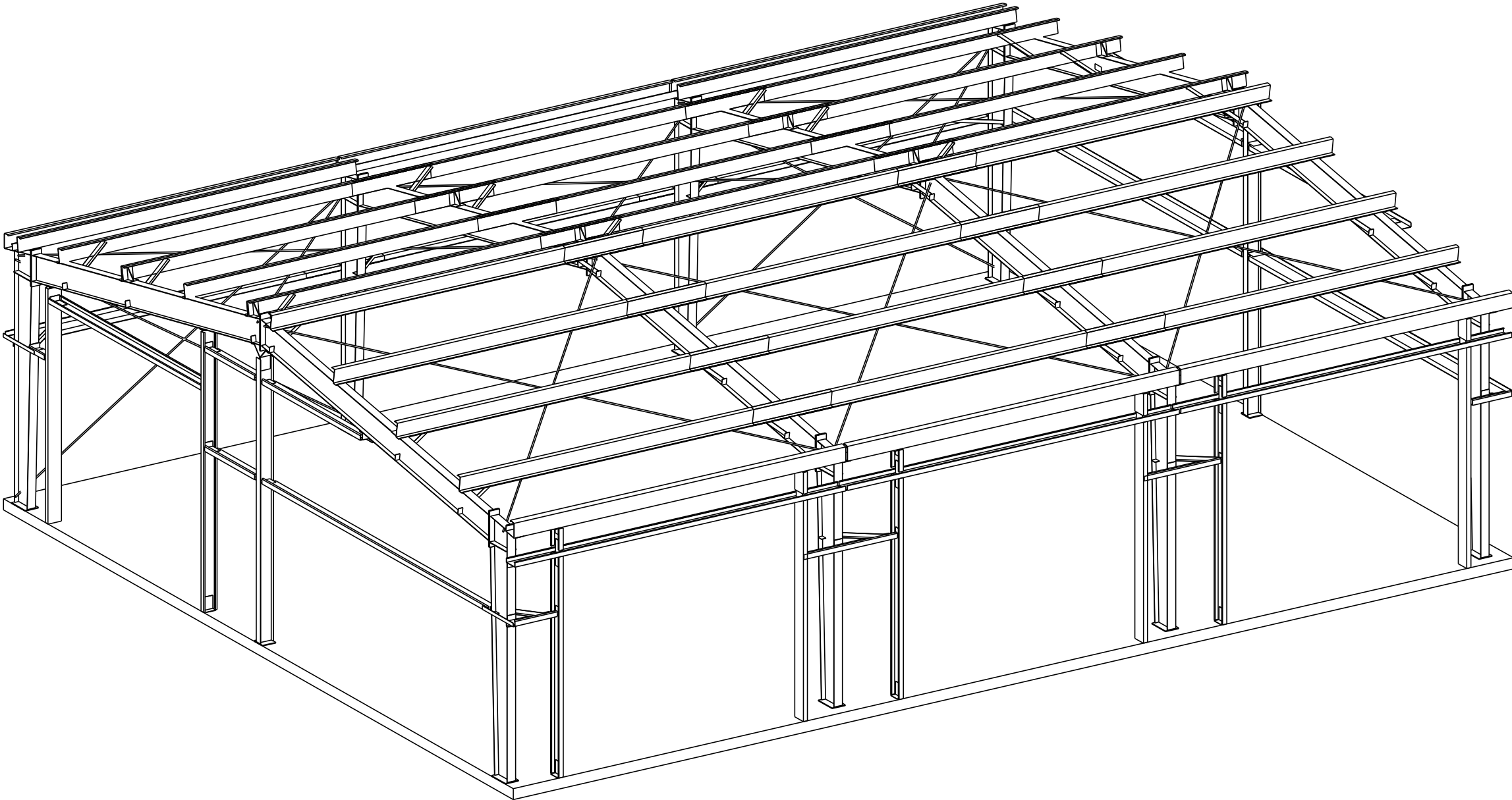


	Building Information Building Width: 40'-0"Front Eave Ht.: 12'-0"Building Length: 50'-0"Back Eave Ht.: 12'-0" Roof Panel Type: 26Ga. R-PanelRoof Color: REGAL WHITE (RW)Wall Panel Type: 26Ga. R-PanelWall Color: PEARL GRAY (PG)Roof Trim Color: REGAL WHITE (RW)Wall Trim Color: PEARL GRAY (PG)	Material Specifications 1. Primary Framing: Web Plates, ASTM A529, A572, A1011, Grade 55 Flanges, ASTM A529, A572, Grade 55 2. Secondary Framing: Galvanized 16Ga, 15Ga. 14Ga, 13Ga, 12Ga, ASTM A653 G90, Grade 55, Min. Yield 55 ksi. 3. Roof & Wall Covering: 26Ga Painted and Unpainted ZA., ASTM A792 AZ50, Grade 50 & 80 24Ga Painted and Unpainted ZA., ASTM A792 AZ50, Grade 50 26Ga Painted Galvanized, ASTM A653 G90, AZ55 Grade 50 & 80 24Ga Painted Galvanized, ASTM A653 G90, AZ55 Grade 50 4. Bracing: Cables, ASTM A475 Extra High Strength Grade. Angles, ASTM A36, Min. Yield 36 ksi. Rods , A529 Grade 50	Design Loads This steel building is designed utilizing the following loads, in compliance with the pertinent provisions of the California Building Code, 2019 Edition (CBC 2019). All accessories such as doors, windows, etc. not by CBC Steel Buildings, must be designed as Structural Components in accordance with the Wind Load provisions of the applicable Codes and Specifications referenced on this page. The Builder and/or the Engineer of Record must confirm that the following loads meet the requirements of the local building department. CBC Steel Buildings and the undersigned are "NOT the Engineer of Record for the entire project. Building Dead Load 5.0 psf (Total) Collateral Load 3.0 psf Live Load 20 psf Live Load Reduction Allowed Yes Snow Load, Roof 0 psf Snow Load, Ground 0 psf Ce 1.0 Impt. Factor 1.0 Wind Load, Speed Vult: 91 mph, Vasd: 70 mph Exposure C Wind Enclosure Enclosed, GCpi = ±0.18 Impt. Factor 1.0 Kzt 1.0 Earthquake Load Risk Category: II Impt. Factor: 1.0 Ss = 221.30% S1 = 92.20% Sds = 1.77 Sd1 = 1.05 Seismic Site Class: D Seismic Design Category: E Equivalent Lateral Force Procedure Lateral Direction: Ordinary Moment Frame (OMF) R = 3.50, Omega = 3.00, V = CsW, Cs = 0.51 Longitudinal Direction: Ordinary Concentrically Braced Frame (OCBF) R = 3.25, Omega = 3.00, V = CsW, Cs = 0.55 Other Loads: Mezzanine: Live Load N/A Dead Load N/A Crane Load N/A	Product Certifications 1. IAS International Accreditation Services, Inc. Approved Fabricator AC-472, MB-152. 2. City of Los Angeles, CA. Approved Type I Fabricator No. 1436. 3. City of Riverside, CA. Approved Type I Fabricator No. SP07-0091. 4. Clark County, Approved Steel Fabricator No. 404.	Codes & Specifications The design of this structure is in compliance with the CBC specifications and standards, utilizing the pertinent provisions and recommendations of the following Codes. 1. California Building Code, 2019 Edition (CBC 2019). 2. American Institute of Steel Construction, Fifteenth Edition (AISC 360-16 & AISC 341-16). 3. American Iron and Steel Institute, 2016 Edition (AISI S100-16). 4. Metal Building Manufacturers Association, 2018 Edition (MBMA, 2018). 5. American Welding Society, Structural Welding Code (AWS D1.1, 2015).	Inspections 1. Shop Welding inspection is not required according to the approved status of the above Certifications. No field welding is required by CBC Steel Buildings. However, if any field welding is required due to any field modifications, special inspection is required. 2. Special inspection is required for high strength bolts. The Turn of the Nut method of tightening is recommended, under the supervision of an independent testing laboratory. Alternate methods of tightening may be used as permitted in the Specification for Structural Joints Using ASTM A325 or A490 Bolts (AISC Fifteenth Edition). CBC Steel Buildings shall not be responsible for administration or costs associated with the inspection process. 3. Special inspections and testing that may be required by governmental or other authority during construction and/or steel fabrication (collectively, "inspections") are not the responsibility of CBC, and to the extent required it shall be the responsibility of the builder and/or owner. In the event the inspections are required, the builder and/or owner shall employ a third-party quality assurance testing agency approved by the relevant authority. If such requirements are not specifically included in CBC sales documents, no inspections by CBC or at any Nucor facility shall be made. All CBC/NBG facilities are accredited by IAS AC472.	Special Notes N/A	GLOSSARY OF ABBREVIATIONS A.B. = Anchor Bolts B.S. = Both Sides B.U. = Built-Up Dia. Diameter Flg. = Flange F.S. = Far Side Ga. = Gauge ?? = Part Mark to be determined and will be updated on For Construction drawings H.S.B. = High Strength Bolts Ht. = Height M.B = Machine bolts Max. = Maximum Min. = Minimum N.S. = Near Side O.C. = On Center PL. = Plate Req'd = Required Rev. = Revision Stiff. = Stiffener T.B.D. = To Be Determined Typ. = Typical U.N.O. = Unless Noted Otherwise Special Bolting Connection Inspection Req. (Made with A325 Bolts) 1) Pre-tensioning of A325 bolts is required on primary framing, bolted bracing, and strut connections if located in seismic performance/design category "D", "E" or "F". 2) Slip critical connections are not required by CBC Steel Buildings 3) 1/2" A325 bolts do not require pre-tensioning unless noted.
	GENERAL INFORMATION CBC JOB No. C22B0146A CUSTOMER: SHELTER COVE FIRE LOCATION: SHELTER COVE, CA 95589		DEALER: DARIN THOMSEN CONST. ENGR. APR. AS DRAWN JDM DATE 7/19/2022 SCALE SHEET 1 OF 9					
	7/18/22  7/18/22 BY DATE REV							

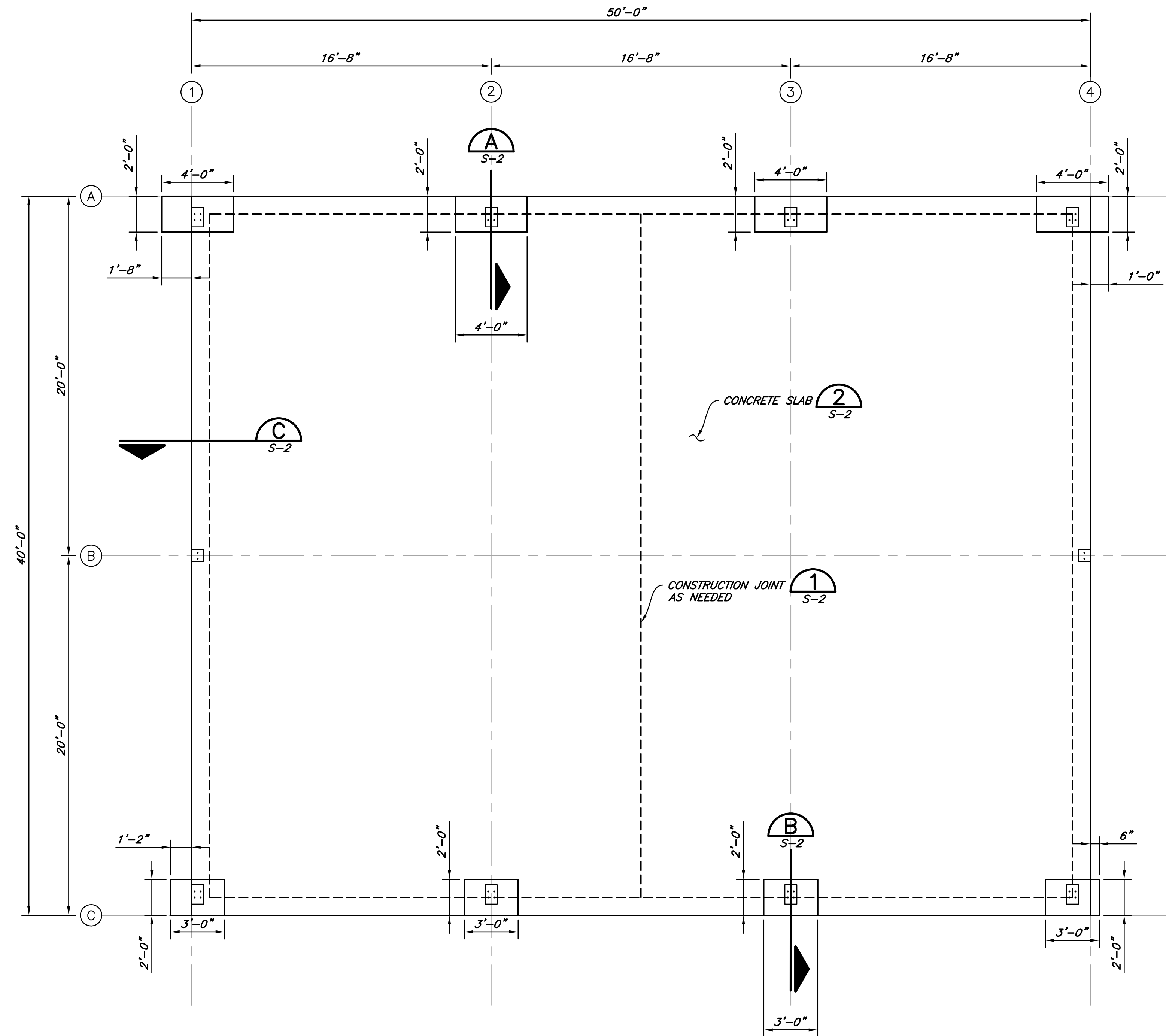


2" DEEP MEMBER DESCRIPTIONS		9" DEEP MEMBER DESCRIPTIONS	
ZS-	ROOF PURLINS / WALL GIRTS 8'x 2 1/2"x 12 Ga. (0.099) "Zee"	ZY-	ROOF PURLINS / WALL GIRTS 9'1/2"x 3"x 12 Ga. (0.099) "Zee"
ZX-	ROOF PURLINS / WALL GIRTS 8'x 2 1/2"x 13 Ga. (0.089) "Zee"	ZU-	ROOF PURLINS / WALL GIRTS 9'1/2"x 3"x 13 Ga. (0.089) "Zee"
ZZ-	ROOF PURLINS / WALL GIRTS 8'x 2 1/2"x 14 Ga. (0.075) "Zee"	ZL-	ROOF PURLINS / WALL GIRTS 9'1/2"x 3"x 14 Ga. (0.075) "Zee"
ZT-	ROOF PURLINS / WALL GIRTS 8'x 2 1/2"x 15 Ga. (0.067) "Zee"	ZO-	ROOF PURLINS / WALL GIRTS 9'1/2"x 3"x 15 Ga. (0.067) "Zee"
ZW-	ROOF PURLINS / WALL GIRTS 8'x 2 1/2"x 16 Ga. (0.060) "Zee"		
CS-	DOOR HEADERS/JAMBS & END POSTS 8'x 2 1/2"x 12 Ga. (0.099) "Cee"	CC-	DOOR HEADERS/JAMBS & END POSTS 9'1/2"x 2 1/2"x 12 Ga. (0.099) "Cee"
CX-	DOOR HEADERS/JAMBS & END POSTS 8'x 2 1/2"x 13 Ga. (0.089) "Cee"	CU-	DOOR HEADERS/JAMBS & END POSTS 9'1/2"x 2 1/2"x 13 Ga. (0.089) "Cee"
CZ-	DOOR HEADERS/JAMBS & END POSTS 8'x 2 1/2"x 14 Ga. (0.075) "Cee"	UJ-	CAP CHANNEL 9'3/4" x 3" x 12 Ga.
CT-	DOOR HEADERS/JAMBS & END POSTS 8'x 2 1/2"x 15 Ga. (0.067) "Cee"	UI-	CAP CHANNEL 9'3/4" x 3" x 13 Ga.
CO-	DOOR HEADERS/JAMBS & END POSTS 8'x 2 1/2"x 16 Ga. (0.060) "Cee"	UJ-	CAP CHANNEL 9'3/4" x 3" x 14 Ga.
DX-	DOUBLE CEE RAKE BEAM (2) 8'x 2 1/2"x 13 Ga. (0.089) "Cee"	UO-	CAP CHANNEL 9'3/4" x 3" x 15 Ga.
US-	CAP CHANNEL 8'1/4" x 3" x 12 Ga.		
UX-	CAP CHANNEL 8'1/4" x 3" x 13 Ga.		
UZ-	CAP CHANNEL 8'1/4" x 3" x 14 Ga.		
UT-	CAP CHANNEL 8'1/4" x 3" x 15 Ga.		
UW-	CAP CHANNEL 8'1/4" x 3" x 16 Ga.		
UR-	"WRAP" HEADER CHANNEL 8" x 8'1/4" x 14 Ga.		

[illegible]

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FOUNDATION PLAN

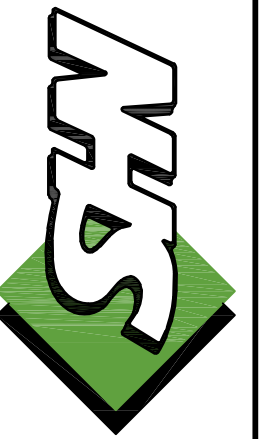
$$\overline{1/4'' = 1' - 0''}$$

NOTES:

1. SEE CONSTRUCTION DRAWINGS FROM METAL BUILDING MANUFACTURER FOR FINAL COLUMN BASE LOCATIONS.
2. CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN THESE PLANS AND THOSE OF THE METAL BUILDING MANUFACTURER.

VERIFY SCALES

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY



335 S. MAIN ST.
WILLITS, CA. 95490
WWW.SHN-ENGR.COM
707-459-4518

APVD	NO.	DATE	REVISION	BY
JGI				
CHK				
KPV				
SRH				

SHELTER COVE RESORT IMPROVEMENT DISTRICT
FIRE BUILDING FOUNDATION
9126 SHELTER COVE RD, WHITETHORN, CALIFORNIA 95589

FOUNDATION PLAN

SHEET

S-1

SEQ	4
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DATE 08/2022

PROJ. NO.
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