R & M STEEL COMPANY

STEEL BUILDING SYSTEMS

R & M STEEL COMPANY

P.O. Box 580
Caldwell, Idaho 83606

Phone: 1-208-454-1800 Toll Free: 1-866-454-1800
Fax: 1-208-454-1801 Toll Free: 1-866-454-1801

REVISED DRAWING APPROVAL

DATE: 5/23/2025 **PHONE:** 208-891-0071

TO: OTEC

ATTENTION: DOUG DALTON

NUMBER OF PAGES TRANSMITTED INCLUDING THIS COVER SHEET: 19

REPLY REQUESTED: _____ URGENT XXX ASAP _____ NONE NEEDED

REGARDING JOB: OTEC
APEX ELITE LINE ACADEMY

QUOTE #: EG-250815-7 MA REV.2

APPROVAL REVISION #:

Please Review the Attached Drawing
Check the Appropriate Comment Box
Sign Your Approval in the Box Below
Email to: projectmanagement@rmsteel.com

Documents For Approval
Not To Be Used For Construction

- ☐ Approved With No Changes
- ☐ Approved With Changes
- ☐ Resubmit For Approval with Changes

These documents set forth R & M Steel's interpretation of the building requirements as represented by your Acceptance of Quotation. Changes must be marked clearly in red ink. Any alteration or deviation from the Acceptance of Quotation will be subject to a written Change Order agreed-to and executed by both parties, and same will become a charge over and above the agreed-to Purchase Price.

Authorized Buyer's Signature _____ Date _____

FROM: PROJECT MANAGEMENT

Rev. #4 Revised 11/14/2022

CUSTOMER INFORMATION

CUSTOMER NAME: OTEC
ADDRESS: 4005 23RD ST.
BAKER CITY, OR 97814

PROJECT NAME: APEX ELITE LINE ACADEMY
PROJECT LOCATION: BAKER CITY, OR

GENERAL NOTES

1. MATERIALS

	ASTM DESIGNATION	
STRUCTURAL STEEL PLATE	A529 OR A572 OR A1011SS	GRADE 55
FLANGE MATERIAL	A529	GRADE 55
COLD FORMED LIGHT GAUGE SHAPES	A1011SS	GRADE 55
STRUCTURAL CABLES	A475	GRADE EHS
HOT ROLLED MILL SHAPE	A992	GRADE 50
HOLLOW STRUCTURAL SECTIONS	A500	GRADE B
PBR36 ROOF AND WALL PANELS	A653 OR A792	GRADE 80
STANDING SEAM ROOF	A653 OR A792	GRADE 50
BOLTS	A325	A325
BOLTS	GRADE 5	GRADE 5

2. DESIGN

A. ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBER ARE DESIGNED IN ACCORDANCE WITH THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATING AND ERECTION OF STRUCTURAL STEEL BUILDING". ALLOWABLE STRESS DESIGN LATEST EDITION.

B. ALL COLD FORMED MEMBERS ARE DESIGNED IN ACCORDANCE WITH AISI "SPECIFICATIONS FOR DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" LATEST EDITION.

C. ALL WELDING OF STRUCTURAL STEEL IS BASED ON AWSD1.1 "STRUCTURAL WELDING CODE" LATEST EDITION.

3. HIGH STRENGTH BOLT CONNECTIONS:

ALL HIGH STRENGTH BOLTS ARE TYPE ASTM A325 AND ARE TO BE INSTALLED ACCORDING TO THE "SNUG-TIGHT" CONDITIONS AS DEFINED BY THE, RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS, 2004 EDITION - SECTION 6.1, UNLESS NOTED OTHERWISE.
ALSO, NOTE THAT BOLTS IN STANDARD HOLES DO NOT REQUIRE WASHERS PER THE, RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS, SECTION 6 (REFERENCE STEEL CONSTRUCTION AISC MANUAL - LATEST EDITION)

4. A325 BOLT TIGHTENING REQUIREMENTS

ALL HIGH STRENGTH BOLTED CONNECTIONS ARE SUBJECT TO AXIAL TENSION AND OR SLIP CRITICAL. AS SUCH THE BOLTS MUST BE FULLY PRE-TENSIONED AND INSPECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS AND THE APPLICABLE BUILDING CODE. WASHERS ARE NOT REQUIRED WHEN THE "TURN OF THE NUT" TIGHTENING PROCEDURE IS USED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE PROPER BOLT TIGHTNESS.

5. STRUCTURAL PRIMER

ALL STRUCTURAL MEMBERS WILL BE GIVEN ONE COAT OF MANUFACTURER'S STANDARD RUST-INHIBITIVE PRIMER MEETING THE PERFORMANCE REQUIREMENTS OF TT-P-6645. THIS IS NOT A FINISH COAT AND IS NOT INTENDED FOR PROLONGED EXPOSURE TO THE ELEMENTS. REFERENCE AISC 360-05, CODE OF STANDARD PRACTICE SECTION 6.5.1-6.5.4.

6. BUILDER / CONTRACTOR RESPONSIBILITIES

R & M STEEL COMPANY STANDARD PRODUCT SPECIFICATIONS APPLY AND R & M STEEL COMPANY DESIGN, FABRICATION, QUALITY CONTROL STANDARDS AND TOLERANCE WILL GOVERN. IN CASE OF DISCREPANCIES BETWEEN R & M STEEL COMPANY'S PLANS AND PLANS FOR OTHER TRADES R & M STEEL PLANS SHALL GOVERN. (SECTION 3.3 AISC CODE OF STANDARD PRACTICES, LATEST EDITION)

IT IS THE RESPONSIBILITY OF THE BUILDER / CONTRACTOR TO OBTAIN APPROPRIATE APPROVALS AND NECESSARY PERMITS FROM CITY, COUNTY, STATE OR FEDERAL AGENCIES AS REQUIRED.

APPROVAL OF R & M STEEL COMPANY'S DRAWINGS CONSTITUTES THE BUILDER / CONTRACTOR'S ACCEPTANCE OF R & M STEEL COMPANY'S INTERPRETATION OF THE PURCHASE ORDER. (SECTION 4.2.1 AISC CODE OF STANDARD PRACTICES, LATEST EDITION)

THE BUILDER / CONTRACTOR OR A/E FIRM IS RESPONSIBLE FOR THE OVERALL PROJECT. ALL INTERFACE AND COMPATIBILITY CONCERNING ANY MATERIAL NOT FURNISHED BY R & M STEEL COMPANY ARE TO BE CONSIDERED AND COORDINATED BY THE BUILDER / CONTRACTOR OR A/E FIRM UNLESS SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS IS FURNISHED AS PART OF THE PURCHASE ORDER. R & M STEEL COMPANY ASSUMPTIONS WILL GOVERN.

THE BUILDER / CONTRACTORS RESPONSIBLE FOR SETTING OF ANCHOR BOLTS AND ERECTION OF STEEL BUILDING COMPONENTS IN ACCORDANCE WITH R & M STEEL COMPANY'S BUILDING "FOR CONSTRUCTION" DRAWINGS. TEMPORARY SUPPORTS OR BRACING REQUIRED FOR THE BUILDING ERECTION WILL BE THE RESPONSIBILITY OF THE ERECTOR TO DETERMINE, FURNISH AND INSTALL. (SECTION 7.9.1 AISC CODE OF STANDARD PRACTICES, LATEST EDITION)

THE DESIGN OF THE ANCHOR BOLT EMBEDDMENT LENGTH IS THE RESPONSIBILITY OF THE FOUNDATION DESIGN ENGINEER. THE LENGTH PROVIDED BY R & M STEEL IS AN ESTIMATED LENGTH AND SHOULD BE ADJUSTED ACCORDING TO THE FOUNDATION DESIGN.

BUILDING LOADS / DESCRIPTION:

WIDTH: 70 LENGTH: 175 HEIGHT: 25 / 30.83
ROOF PITCH: 1.0:12 /

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY : OSSC 22 (IBC 21)

THE CONTRACTOR / BUILDER IS TO CONFIRM THAT THESE LOADS COMPLY WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

ROOF DEAD LOAD:	2.50	PSF (ROOF PANELS & PURLINS)
COLLATERAL LOAD:	10.00	PSF
ROOF LIVE LOAD:	20.00	PSF
MIN. UNIFORM ROOF SNOW LOAD:	25.00	PSF
GROUND SNOW LOAD: (Pg)	16.00	PSF
ROOF SNOW LOAD: (Pf)	12.32	PSF
BASIC WIND SPEED:	108	MPH
SEISMIC COEFFICIENT:	0.514	

Pf = 0.7 Ce Ct I Pg
Ce = 1
Ct = 1.0
I = 1.1
Pg = 16.0 PSF
Pf = 12.32 PSF

IMPORTANCE FACTORS:

WIND LOAD:	1.00
SNOW LOAD:	1.10
SEISMIC:	1.25

ROOF PANELS:

COLOR: 24 Ga. TS-324 (SSR) BLACK

WALL PANELS:

COLOR: CHARCOAL

TRIM COLORS:

GABLE:	BLACK
EAVE:	BLACK
CORNER:	BLACK
DOOR & WINDOW:	BLACK
GUTTER:	---
DOWNSPOUTS:	---
BASE (OPTIONAL):	BLACK
8" JAMB/HEAD:	BLACK

SOFFIT PANEL:

GABLE EXT:	BLACK
EAVE EXT:	BLACK
CANOPY:	

WAINSCOT PANEL:

COLOR : BLACK

EARTHQUAKE DESIGN DATA:

INPUT:

Occupancy Category:	III- High
Seismic Importance Factor:	1.25
Mapped Response (Short), Ss:	0.3355
Mapped Response (1 sec.), S1:	0.1186
Site Class:	d-DEFAULT

RESULT:

Seismic Design Category, SDC:	C
Basic Seismic-Force-Resisting Systems:	OCBF, OMF
Analysis Procedure Used:	Equivalent Lateral

FORCE:

Site Coeff (Short), Fa:	1.5316
Site Coeff (1 sec.), Fv:	2.3628
Max. Design Response (Short), Sms:	0.5139
Max. Design Response (1 sec.), Sm1:	0.2802
Design Response (Short), Sds:	0.3426
Design Response (1 sec.), Sd1:	0.1868
Approx. Period (Moment), Ta:	0.4017
Approx. Period (Brace), Ta:	0.2429
Rigid Frame Deflection Limit (Seis):	67
Wind Bent Deflection Limit (Seis):	67

DES_CALC:

Seismic Forces:

Roof Bracing:	Endwall Bracing:	End Plates, Frame:
R = 3.0000	R = 3.0000	R = 3.0000
Rho = 1.0000	Omega = 3.0000	Omega = 3.0000
Cs = 0.143	Cs = 0.143	

Sidewall Bracing:	Rigid Frames:	Wind Bent
R = 3.0000	R = 3.00	R = 3.0000
Omega = 3.0000	Rho = 1.0000	Rho = 1.0000
Cs = 0.143	Cs = 0.143	Cs = 0.14

Total Base Shear:
Longitudinal Force, V = 28.63 (k)
Transverse Force, V = 30.69 (k)

IAS ACCREDITED Metal Building Systems AC 472

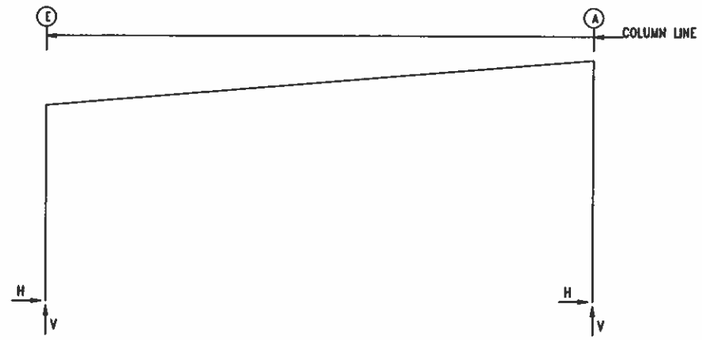
CWB CERTIFIED CSA A660

CWB CERTIFIED CSA W47.1

R & M STEEL COMPANY
P.O. Box 580
Caldwell, Idaho 83606
208-454-1800 Fax 208-454-1801

SCALE:	JOB LOCATION	REVISION
DATE: 5/20/25	BAKER CITY, OR	
OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

FRAME LINES: 1 2 3 4 5 6 7 8



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Grout (in)
1	E	7	5.6	21.9	2	-3.2	-3.0	4	0.750	6.000	8.625	0.500	0.0
					1	-2.9	-5.4						
1	A	3	2.3	-1.2	7	-5.6	22.2	4	0.750	6.000	8.625	0.500	0.0
		7	-5.6	22.2	4	0.0	-3.9						

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

THE VERTICAL COMPONENT OF BRACING REACTION IS INCLUDED IN VERTICAL REACTIONS.

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Grout (in)
2*	E	7	9.1	32.6	2	-4.9	-4.9	4	0.750	6.000	10.56	0.500	0.0
					1	-4.5	-8.4						
2*	A	3	3.6	-2.1	7	-9.1	33.2	4	0.750	6.000	10.75	0.500	0.0
		7	-9.1	33.2	4	0.2	-6.3						

2* Frame lines: 2 3 4 5 6 7 8

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horz	Dead Vert	Collat Horz	Collat Vert	Live Horz	Live Vert	Snow Horz	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert
1	E	0.6	2.9	1.4	5.1	2.8	11.1	1.7	6.9	-5.4	-11.8	2.6	-4.7
1	A	-0.6	3.0	-1.4	5.2	-2.8	11.2	-1.7	6.9	-1.1	-8.7	4.3	-8.9

Frame Line	Column Line	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seismic_Left Horz	Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert
1	E	-6.0	-7.9	2.4	-0.8	-0.1	-9.2	0.5	-6.0	-1.6	-1.0	1.6	1.0
1	A	-0.4	-4.8	4.5	-5.0	0.6	-9.6	-0.6	-5.9	-1.1	1.0	1.1	-1.0

Frame Line	Column Line	-MIN_SNOW-- Horz	-MIN_SNOW-- Vert
1	E	3.5	13.9
1	A	-3.5	14.0

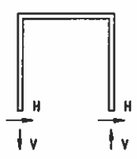
Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Snow Horz	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert
2*	E	0.9	3.8	2.4	7.8	4.7	16.8	2.9	10.4	-8.5	-17.9	3.5	-7.0
2*	A	-0.9	4.1	-2.4	7.9	-4.7	17.0	-2.9	10.5	-1.3	-13.1	6.9	-13.5

Frame Line	Column Line	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seismic_Left Horz	Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert
2*	E	-9.2	-11.9	3.4	-1.1	-0.6	-14.0	0.4	-9.1	-2.1	-1.4	2.1	1.4
2*	A	-0.5	-7.3	7.0	-7.6	1.3	-14.6	-0.7	-8.9	-1.5	1.4	1.5	-1.4

Frame Line	Column Line	-MIN_SNOW-- Horz	-MIN_SNOW-- Vert
2*	E	5.8	21.0
2*	A	-5.8	21.3

2* Frame lines: 2 3 4 5 6 7 8

WIND BENT REACTIONS



Wall Loc	Wall Line	Col Line	± Reactions Wind(k) Horz	Wind Vert	Seismic(k) Horz	Seismic Vert	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick
F_SW	A	2	2.3	6.2	3.6	9.7	4	0.750	8.000	8.750	0.750
F_SW	A	3	2.3	6.2	3.6	9.7	4	0.750	8.000	8.750	0.750
F_SW	A	4	2.3	6.2	3.6	9.7	4	0.750	8.000	8.750	0.750
F_SW	A	5	2.3	6.2	3.6	9.7	4	0.750	8.000	8.750	0.750
B_SW	E	5	2.1	4.6	3.6	7.7	4	0.750	6.000	9.000	0.500
B_SW	E	4	2.1	4.6	3.6	7.7	4	0.750	6.000	9.000	0.500
B_SW	E	3	2.1	4.6	3.6	7.7	4	0.750	6.000	9.000	0.500
B_SW	E	2	2.1	4.6	3.6	7.7	4	0.750	6.000	9.000	0.500

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Seis Long Horz
1	D	0.2	-3.5	3.9	0.1
1	C	0.3	-4.3	4.7	0.1
1	B	0.4	-5.2	5.7	0.1

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind Press Horz
9	A	0.7	1.2	3.3	2.0	0.0	-3.6	0.0	-3.3	0.0	-2.8	0.0	-2.5	-2.8
9	B	1.4	3.2	6.3	3.9	0.0	-4.4	0.0	-8.2	0.0	-2.0	0.0	-5.7	-5.0
9	C	1.1	2.4	4.9	3.0	-4.5	-11.4	0.0	-2.9	-4.1	-8.9	0.0	-0.8	-4.2
9	D	1.0	2.3	4.3	2.6	0.0	5.0	2.0	-9.0	0.0	6.0	2.2	-7.5	-3.3
9	E	0.5	0.9	2.8	1.7	0.0	-2.0	0.0	-4.0	0.0	-1.2	0.0	-3.2	-1.7

Frm Line	Col Line	Wind Suct Horz	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seis_Left Horz	Seis_Left Vert	Seis_Right Horz	Seis_Right Vert	Seis Long Horz	-MIN_SNOW-- Horz	-MIN_SNOW-- Vert
9	A	3.2	0.0	-2.8	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	4.1
9	B	5.5	0.0	-8.3	0.0	-4.7	0.0	-0.1	0.0	0.1	0.1	0.0	7.9
9	C	4.6	-1.7	-9.0	-0.8	-4.8	-2.5	-4.4	0.0	4.2	0.1	0.0	6.1
9	D	3.7	0.0	-2.8	0.0	-1.9	0.0	4.5	2.5	-4.3	0.1	0.0	5.3
9	E	2.0	0.0	-2.5	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	3.5

Frm Line	Col Line	E2PAT_SL_1- Horz	E2PAT_SL_1- Vert	E2PAT_SL_2- Horz	E2PAT_SL_2- Vert	E2PAT_SL_3- Horz	E2PAT_SL_3- Vert	E2PAT_SL_4- Horz	E2PAT_SL_4- Vert	E2PAT_SL_5- Horz	E2PAT_SL_5- Vert	E2PAT_SL_6- Horz	E2PAT_SL_6- Vert	E2PAT_SL_7- Horz	E2PAT_SL_7- Vert
9	A	0.0	0.3	0.0	0.0	0.0	1.1	0.0	0.7	0.0	-0.1	0.0	0.0	0.0	0.0
9	B	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.0	0.0	0.9	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.9	0.0	1.8	0.0	0.6	0.0	-0.1
9	D	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	-0.2	0.0	0.5	0.0	1.5	0.0	0.7
9	E	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.9

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Grout (in)
1	D	8	2.3	0.1	9	-2.1	0.1	4	0.750	6.500	6.000	0.250	0.0
		6	0.0	0.2									
1	C	8	2.8	0.2	9	-2.6	0.2	4	0.750	6.500	6.000	0.250	0.0
		5	0.0	0.3									
1	B	8	3.4	0.2	9	-3.1	0.2	4	0.750	6.500	6.000	0.250	0.0
		5	0.0	0.4									
9	A	10	1.9	-1.7	11	-1.7	-1.2	4	0.750	6.500	6.000	0.250	0.0
		7	0.0	6.0	10	1.9	-1.7						
9	B	12	3.3	-4.1	11	-3.0	-4.1	4	0.750	6.500	6.000	0.250	0.0
		7	0.0	12.5	12	3.3	-4.1						
9	C	10	2.8	-6.2	11	-2.5	-4.8	4	0.750	6.500	6.000	0.250	0.0
		7	0.0	9.6	10	2.8	-6.2						
9	D	13	2.2	-4.8	11	-2.0	-1.1	4	0.750	6.500	6.000	0.250	0.0
		14	1.7	9.9	13	2.2	-4.8						
9	E	13	1.2	-2.1	11	-1.0	-1.2	4	0.750	6.500	6.000	0.250	0.0
		7	0.0	4.9	13	1.2	-2.1						

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis	Note
L_EW	1								(h)
F_SW	A	2,3							(a)
		4,5							(a)
R_EW	9	C,D	4.5	7.8	2.5	4.4			
B_SW	E	4,5							(a)
		2,3							(a)

(a)Wind bent in bay
(h)Rigid frame at endwall

Reactions for seismic represent shear force, Eh
Reaction values shown are unfactored

ANCHOR BOLT SUMMARY

	Qty	Locate	Dia (in)	Type	Proj (in)
○	40	Jamb	1/2"	GR36	1.00
⊠	32	Endwall	3/4"	GR36	2.00
⊠	64	Frame	3/4"	GR36	2.00
⊠	32	WindCol	3/4"	GR36	2.00

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. Building reactions are based on the following building data:

Width	(ft)	=	70.0
Length	(ft)	=	175.0
Eave Height	(ft)	=	25.0/ 30.8
Roof Slope	(rise/12)	=	1.00
Roof Dead Load	(psf)	=	2.5
Wall Dead Load			
Left Endwall	(psf)	=	2.0
Right Endwall	(psf)	=	2.0
Front Sidewall	(psf)	=	2.0
Back Sidewall	(psf)	=	2.0
Live Load	(psf)	=	20.0
Collateral Load	(psf)	=	10.0
Ground Snow Load (Pg)	(psf)	=	16.0
Roof Snow Load (Pf)	(psf)	=	12.32
Minimum Snow	(psf)	=	25.0
Wind Speed	(mph)	=	108.0
Wind Code		=	OSSC 22 (IBC 21)
Exposure		=	C
Closure		=	Enclosed
Internal Wind Coeff		=	-0.18, +0.18
Risk Category		=	III- High
Importance - Wind		=	1.00
Importance - Seismic		=	1.25
Seismic Design Category		=	C
Seismic Coeff	(Sms)	=	0.51

5. Loading conditions are:
   1 0.6Dead+0.6Wind_Left1
   2 0.6Dead+0.6Wind_Left2
   3 0.6Dead+0.6Wind_Right2
   4 0.6Dead+0.6Wind_Long1R
   5 1.05Dead+1.05Collateral+0.7Seismic_Right
   6 1.03Dead+1.03Collateral+0.53Seismic_Right
   7 Dead+Collateral+MIN_SNOW
   8 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
   9 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
   10 0.6Dead+0.6Wind_Left1+0.6Wind_Suction
   11 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
   12 0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
   13 0.6Dead+0.6Wind_Right1+0.6Wind_Suction
   14 Dead+Collateral+0.45Wind_Left2+0.45Wind_Suction+0.75MIN_SNOW

Pf = 0.7 Ce Ct I Pg
Ce = 1
Ct = 1.0
I = 1.1
Pg = 16.0 PSF
Pf = 12.32 PSF

R & M STEEL COMPANY
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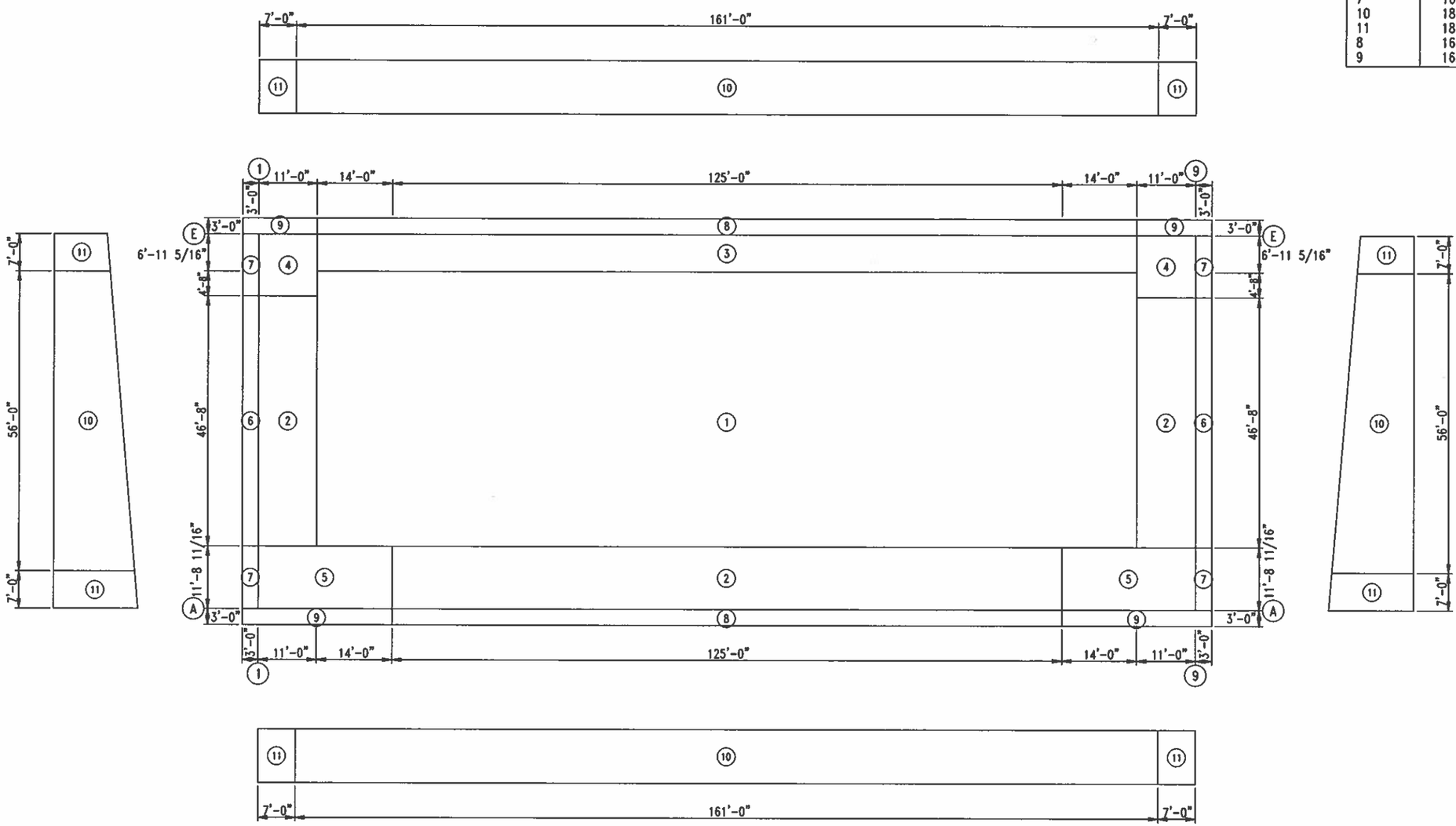
208-454-1800 Fax 208-454-1801

SCALE:	JOB LOCATION	REVISION
DATE: 5/20/25	BAKER CITY, OR	
OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

COMPONENTS AND CLADDING				(Unfactored)
	Member		Panel	
O Id	Pressure	Suction	Pressure	Suction
1	16.00	-26.97	16.00	-26.97
2	16.00	-35.33	16.00	-37.49
3	16.00	-29.13	16.00	-31.29
4	16.00	-29.13	16.00	-41.80
5	16.00	-37.49	16.00	-58.52
6	16.00	-43.96	16.00	-48.55
7	16.00	-59.60	16.00	-67.42
10	18.40	-20.29	22.75	-30.34
11	18.40	-21.71	22.75	-30.34
8	16.00	-29.10	16.00	-48.46
9	16.00	-33.47	16.00	-67.36



PANEL ZONE LAYOUT
(Wind Pressures, Unfactored (psf))

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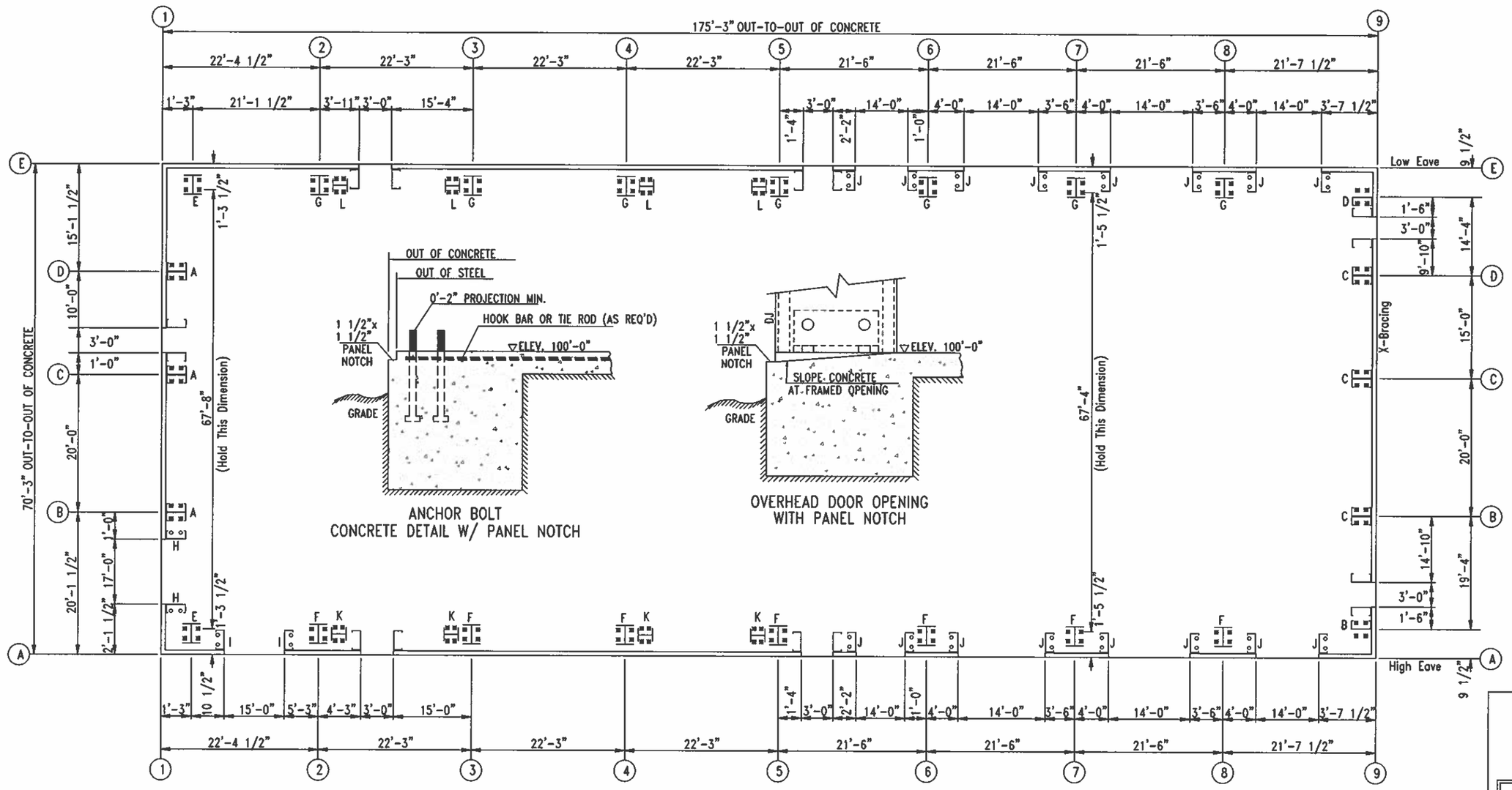
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF



○ Dia= 1/2"

⊠ Dia= 3/4"

NOT FOR CONSTRUCTION

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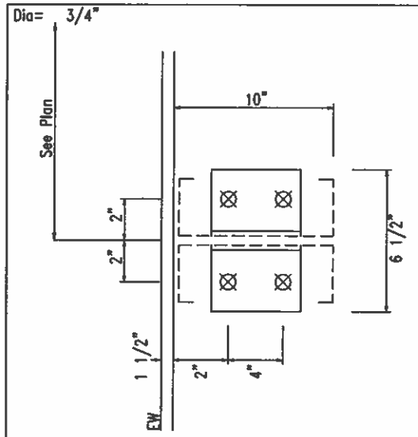
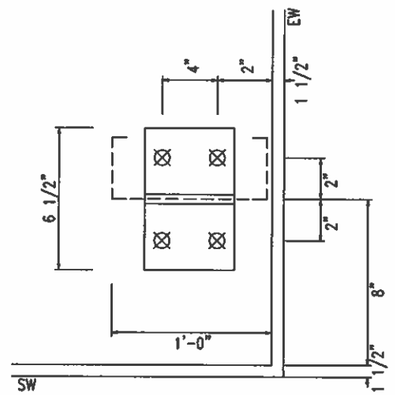
OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

Dia= 3/4"



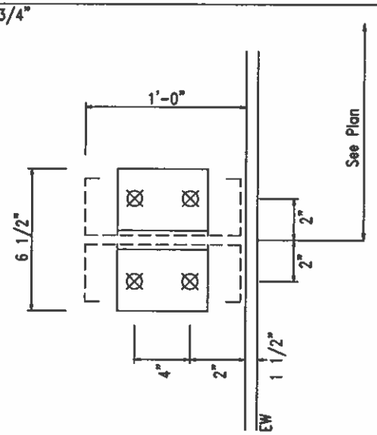
DETAIL A

Dia= 3/4"



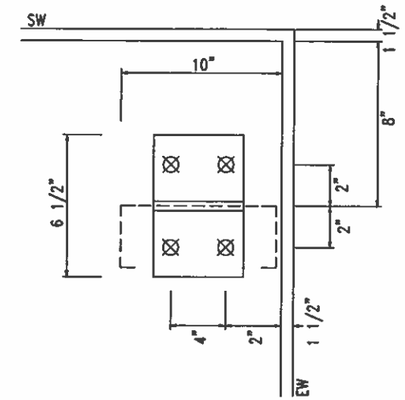
DETAIL B

Dia= 3/4"



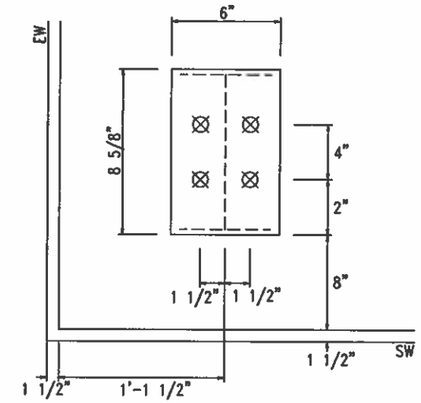
DETAIL C

Dia= 3/4"



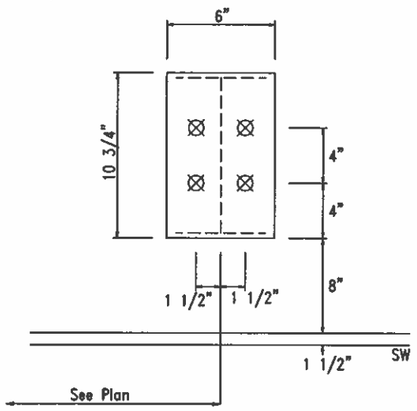
DETAIL D

Dia= 3/4"



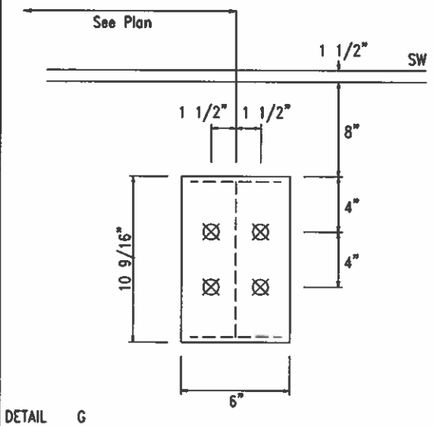
DETAIL E

Dia= 3/4"



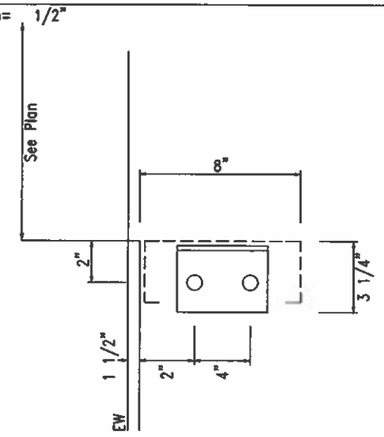
DETAIL F

Dia= 3/4"



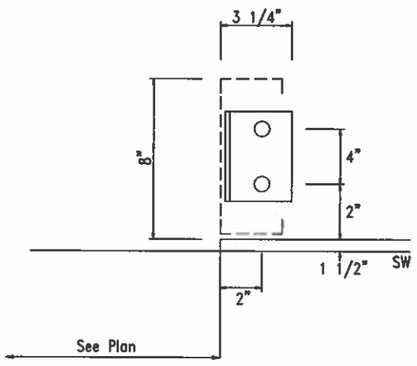
DETAIL G

Dia= 1/2"



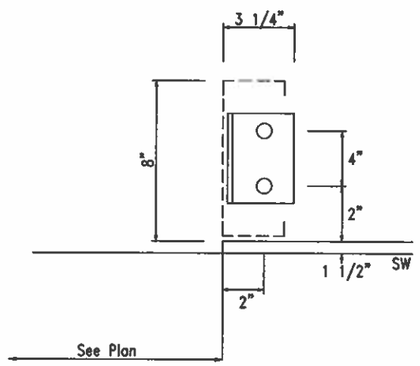
DETAIL H

Dia= 1/2"



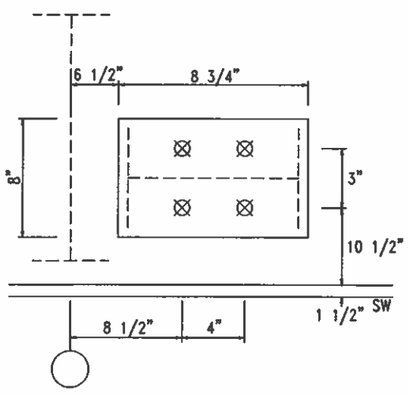
DETAIL I

Dia= 1/2"



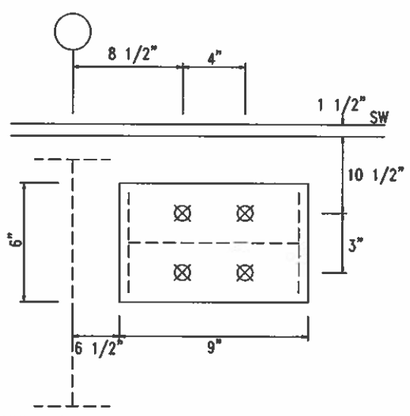
DETAIL J

Dia= 3/4"



DETAIL K

Dia= 3/4"



DETAIL L

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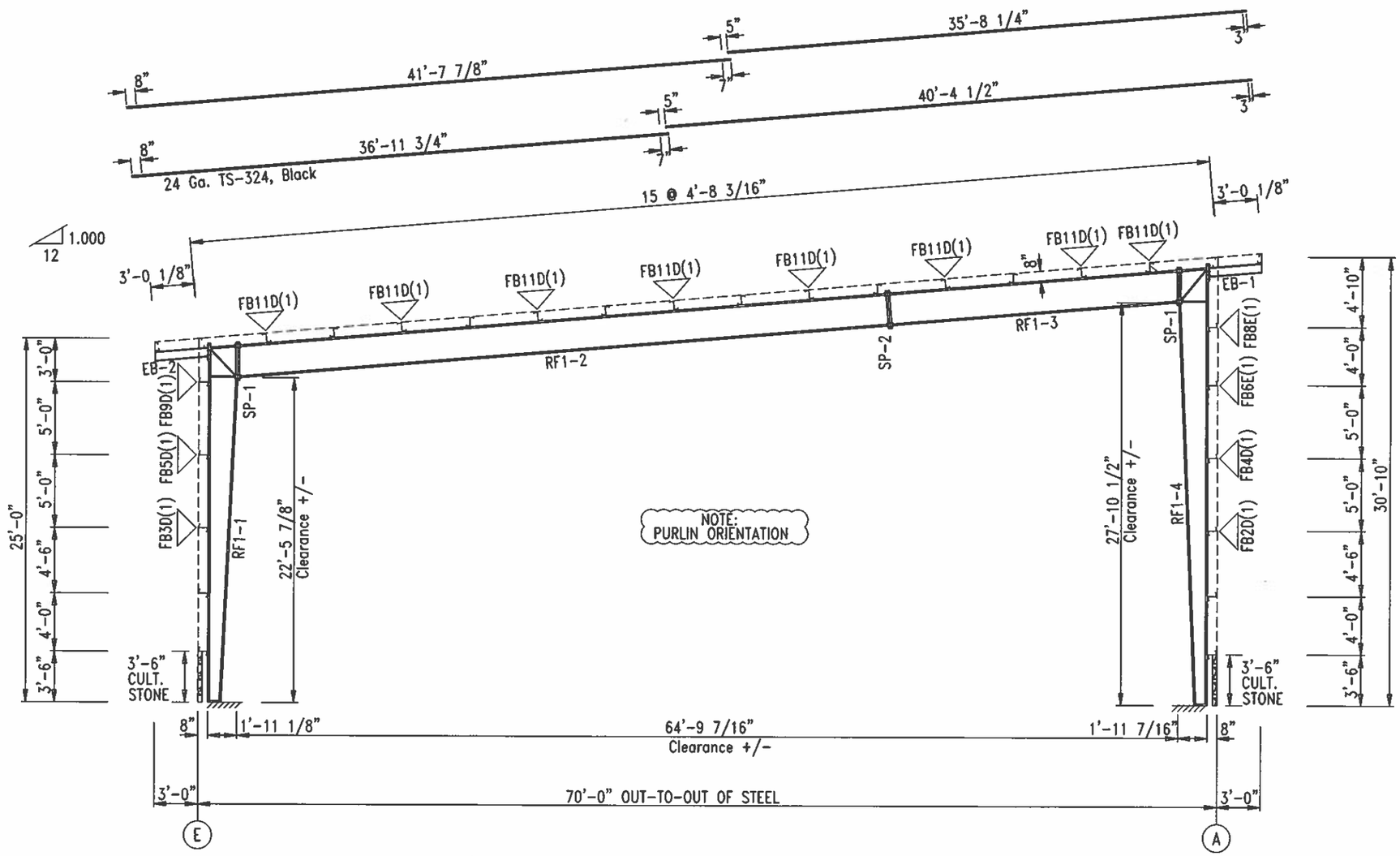
SCALE:	JOB LOCATION	REVISION
DATE: 5/20/25	BAKER CITY, OR	
OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	0.750	2.50	6"	5/8"	2'-7"
SP-2	4	4	0	A325	0.750	2.50	6"	5/8"	2'-6 15/16"

FLANGE BRACES: Both Sides(U.N.)
FBxxD(1)
D - L2x2x14
E - L2x2x12

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	8.0/10.9	0.150	53.7	6 x 1/4" x 281.0	6 x 3/8" x 266.6
	10.9/22.5	0.150	240.0	6 x 5/16" x 22.8	
RF1-2	24.0/24.0	0.150	59.2	6 x 1/2" x 480.0	6 x 3/8" x 480.0
	24.0/24.0	0.150	240.0	6 x 1/2" x 57.2	6 x 3/8" x 59.2
	24.0/24.0	0.150	240.0		
RF1-3	24.0/24.0	0.150	240.0	6 x 1/2" x 240.0	6 x 3/8" x 238.0
RF1-4	22.7/13.4	0.150	240.0	6 x 3/8" x 23.0	6 x 1/2" x 91.1
	13.4/ 8.0	0.150	120.5	6 x 1/4" x 349.7	6 x 3/8" x 240.2
EB-1	W8x10				
EB-2	W8x10				



RIGID FRAME CROSS SECTION: FRAME LINE 1

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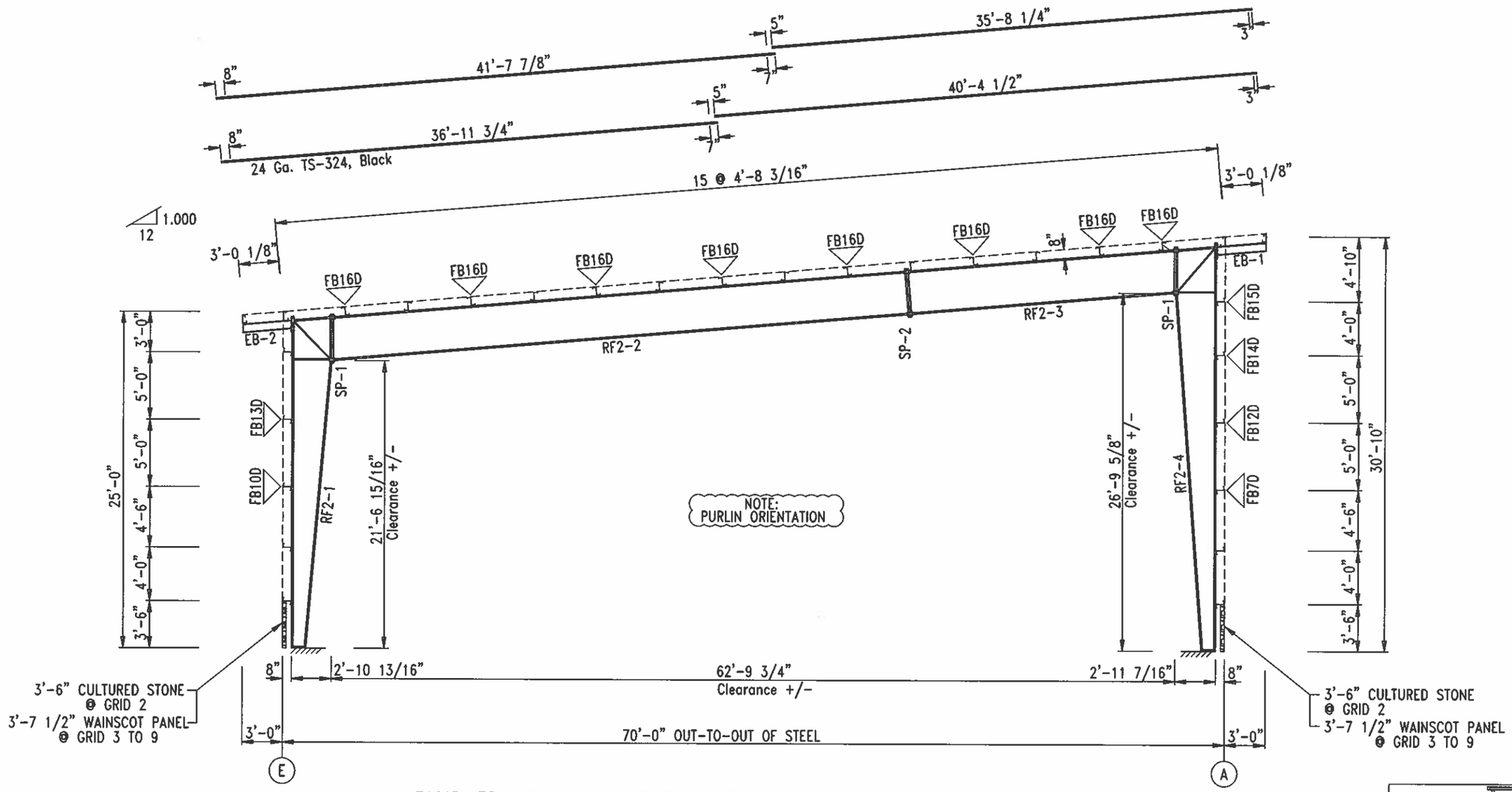
SCALE: DATE: 5/20/24	JOB LOCATION BAKER CITY, OR	REVISION
OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	0.750	2.50	6"	5/8"	3'-7"
SP-2	4	4	0	A325	0.750	2.50	6"	5/8"	3'-6 7/8"

FLANGE BRACES: Both Sides(U.N.)
FBxxD(1)
D - L2x2x14

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF2-1	10.0/15.2	0.150	54.8	6 x 1/4" x 281.0	6 x 5/16" x 256.4
	15.2/34.3	0.150	240.0	6 x 1/4" x 34.6	
RF2-2	36.0/36.0	0.179	36.4	6 x 3/8" x 480.0	6 x 5/16" x 480.0
	36.0/36.0	0.179	240.0	6 x 3/8" x 33.4	6 x 5/16" x 36.4
	36.0/36.0	0.179	240.0		
RF2-3	36.0/36.0	0.179	240.0	6 x 3/8" x 240.0	6 x 5/16" x 237.0
RF2-4	34.7/19.4	0.150	240.0	6 x 3/8" x 35.0	6 x 1/2" x 319.0
	19.4/10.0	0.150	120.5	6 x 1/4" x 349.7	
EB-1	W8x10				
EB-2	W8x10				



RIGID FRAME CROSS SECTION: FRAME LINE 2 3 4 5 6 7 8

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SCALE:	JOB LOCATION	REVISION
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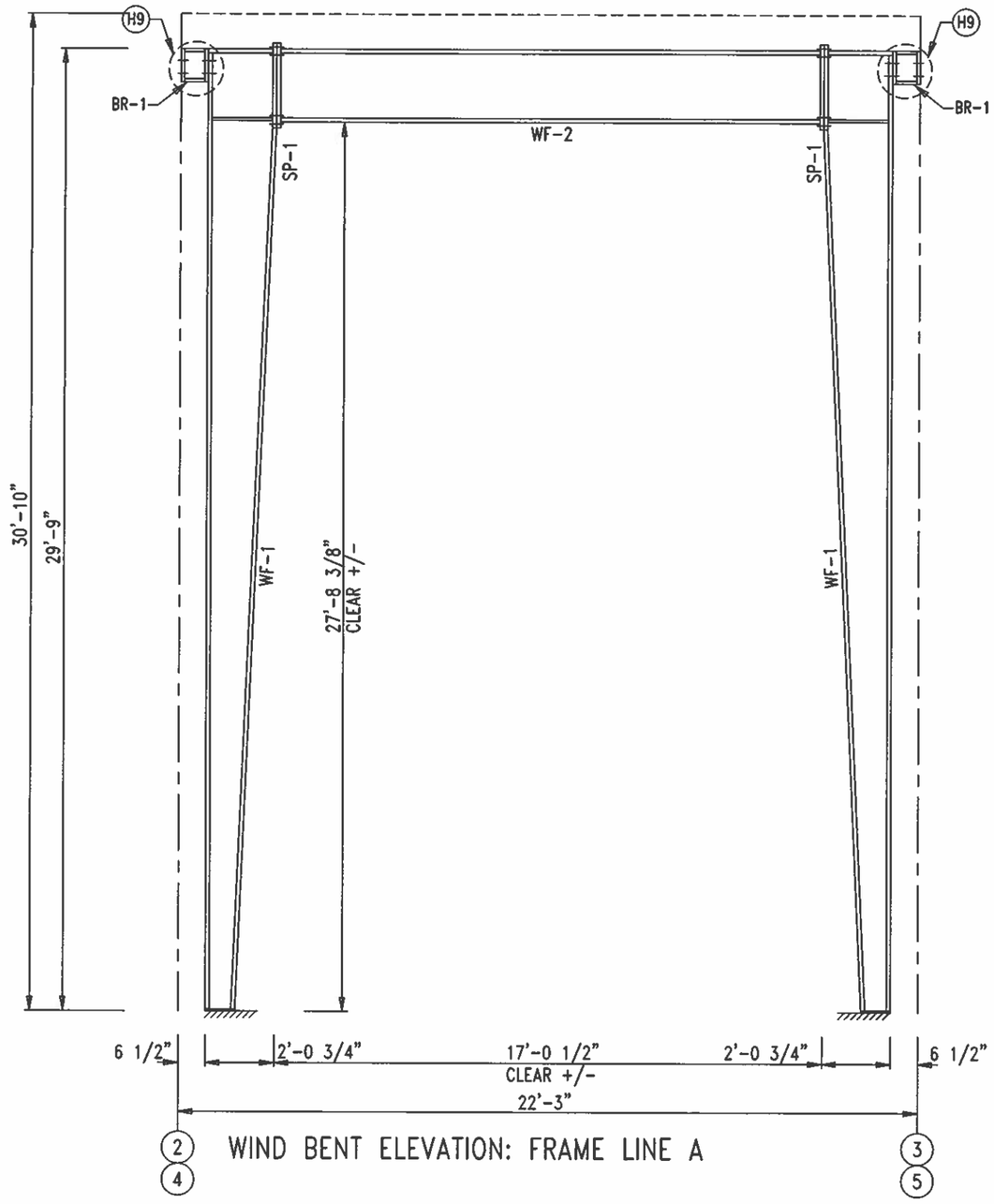
OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

SPLICE PLATES & BOLTS								
Splice Mark	Quan Top/	Bot	-----Bolt----- Type	Dia	Length	Plate Size Width	Thick	Length
SP- 1	4	4	A325	0.875	2.75	8"	3/4"	2'-6 13/16"

MEMBER SIZE TABLE (in)					
MARK	WEB DEPTH START/END	WEB PLATE THICK	WEB PLATE LENGTH	OUTSIDE FLANGE W x T x LENGTH	INSIDE FLANGE W x T x LENGTH
WF-1	8.0/24.0	0.149	357.0	8 x 3/8" x 357.0	8 x 3/8" x 357.0
WF-2	24.0/24.0	0.149	203.8	8 x 5/16" x 203.8	8 x 5/16" x 203.8



WIND BENT ELEVATION: FRAME LINE A

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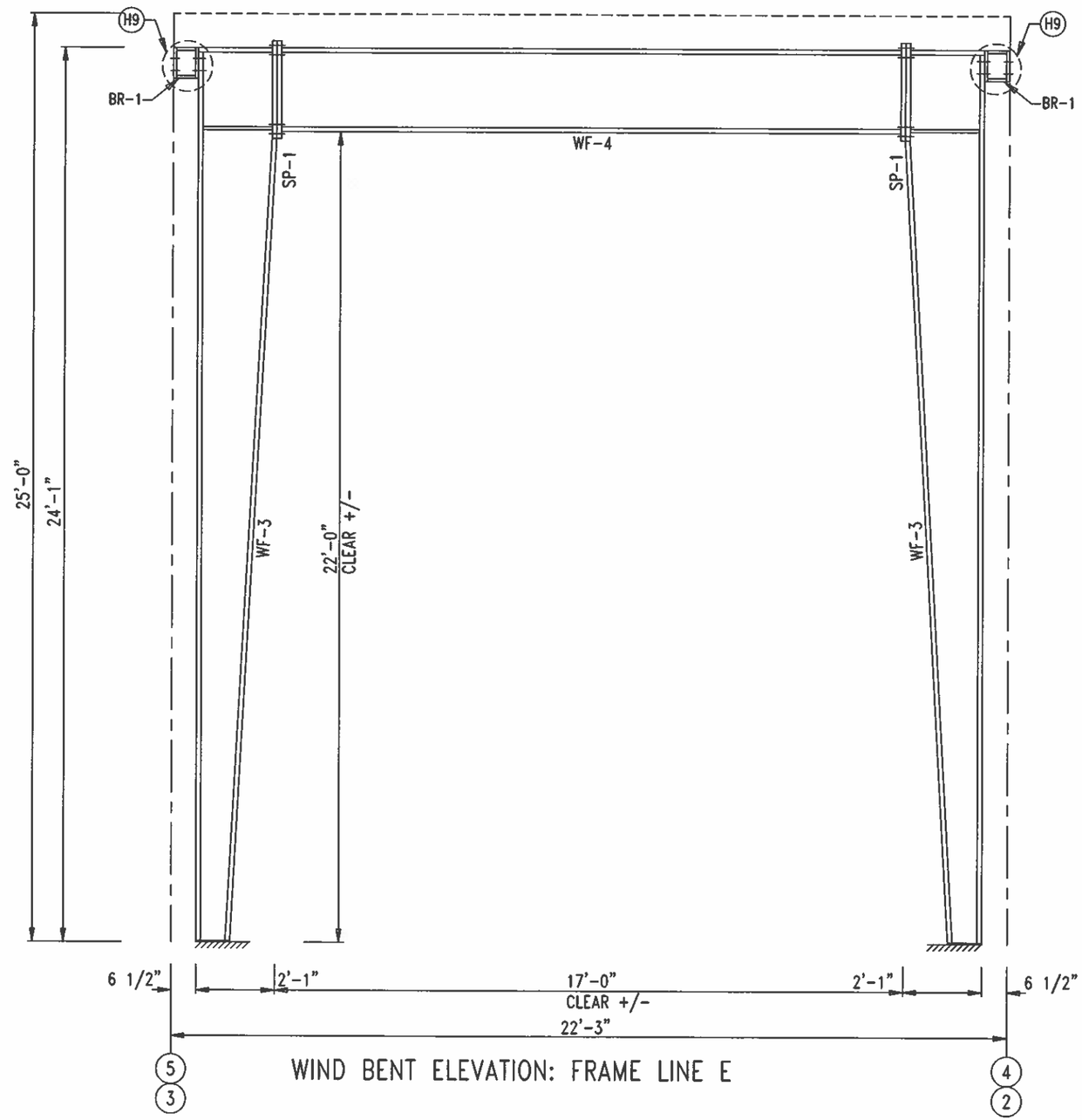
OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

SPLICE PLATES & BOLTS								
Splice Mark	Quan Top/	Bot	-----Bolt----- Type	Dia	Length	Plate Size Width	Thick	Length
SP- 1	4	4	A325	0.750	2.50	6"	5/8"	2'-7"

MEMBER SIZE TABLE (in)					
MARK	WEB DEPTH START/END	WEB PLATE THICK	WEB PLATE LENGTH	OUTSIDE FLANGE W x T x LENGTH	INSIDE FLANGE W x T x LENGTH
WF-3	8.0/24.0	0.149	289.0	6 x 1/2" x 289.0	6 x 1/2" x 289.0
WF-4	24.0/24.0	0.149	203.8	6 x 1/2" x 203.8	6 x 1/2" x 203.8



WIND BENT ELEVATION: FRAME LINE E

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208-454-1800 Fax 208-454-1801

SCALE:	JOB LOCATION	REVISION
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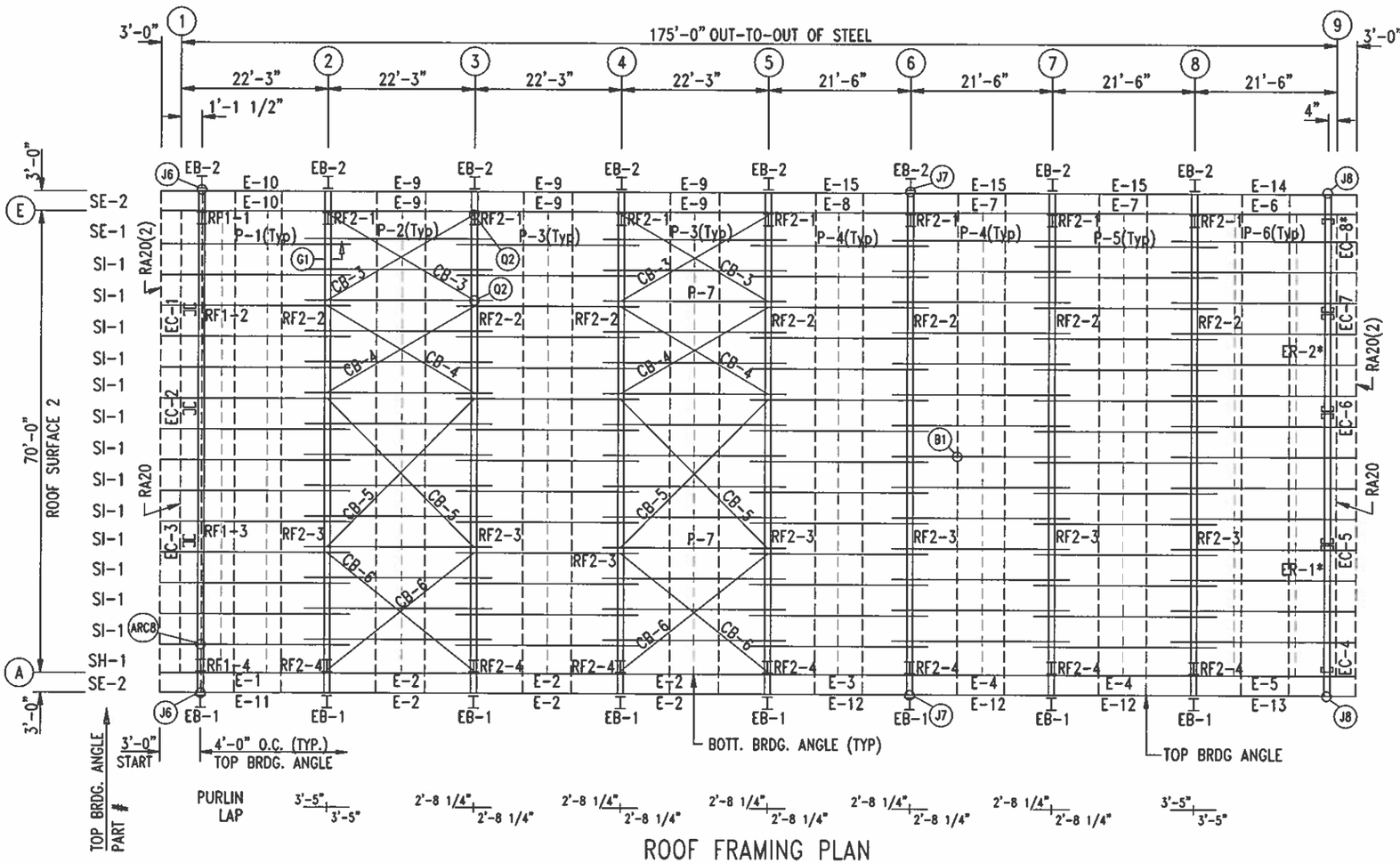
OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

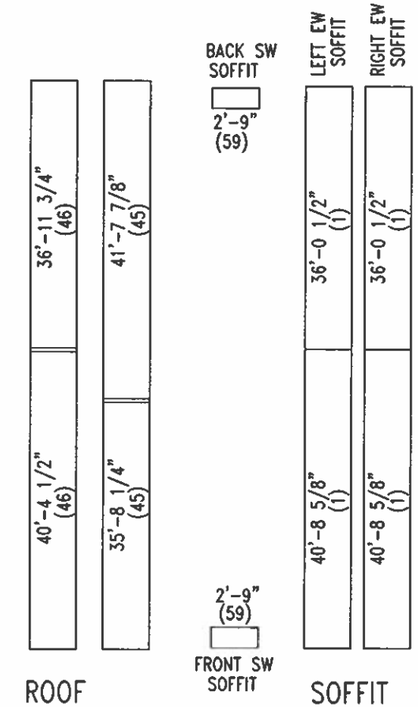
EXTENSION/CANOPY BOLTS ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-1	8	A325	5/8"	1 3/4"
EB-2	8	A325	5/8"	1 3/4"

MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
EB-1	W8x10	3'-8"
EB-2	W8x10	3'-8 1/16"
P-1	8x25Z13	28'-8"
P-2	8x25Z16	28'-4 1/4"
P-3	8x25Z16	27'-7 1/2"
P-4	8x25Z16	26'-10 1/2"
P-5	8x25Z16	27'-7 1/4"
P-6	8x25Z13	27'-11"
P-7	8x25Z15	27'-7 1/2"
E-1	80x5E12	25'-2 3/4"
E-2	80x5E14	22'-2 1/2"
E-3	80x5E12	21'-5 1/2"
E-4	80x5E12	21'-5 1/2"
E-5	80x5E12	24'-5 1/2"
E-6	80x5E12	24'-5 1/2"
E-7	80x5E12	21'-5 1/2"
E-8	80x5E12	21'-5 1/2"
E-9	80x5E14	22'-2 1/2"
E-10	80x5E14	25'-2 3/4"
E-11	80x5E14	25'-2 3/4"
E-12	80x5E14	21'-5 1/2"
E-13	80x5E14	24'-5 1/2"
E-14	80x5E14	24'-5 1/2"
E-15	80x5E14	21'-5 1/2"
CB-3	5/16EHS	25'-0"
CB-4	1/4EHS	25'-0"
CB-5	1/4EHS	31'-0"
CB-6	5/16EHS	28'-0"
SI-1	L 1x1	4'-11 1/16"
SE-1	L 1x1	4'-10 9/16"
SE-2	L 1x1	3'-3"
SH-1	L 1x1	4'-11 7/16"



ROOF FRAMING PLAN

NOTE: PURLIN ORIENTATION



ROOF SHEETING
PANELS: 24 Ga. TS-324
BLACK

SOFFIT SHEETING
PANELS: 26 Ga. PBR
BLACK

INSTALL ROOF FLANGE BRACE AS PER RIGID FRAME CROSS SECTION

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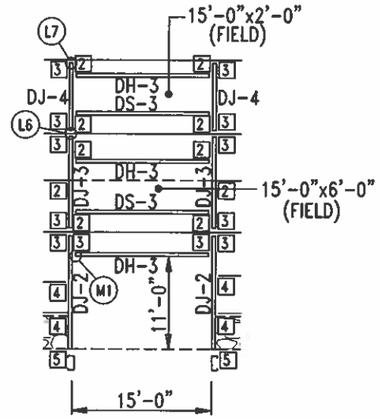
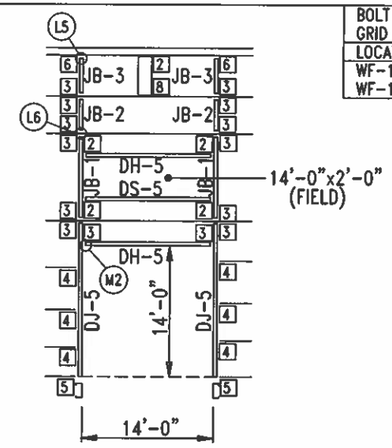


15'-0" x 11'-0" F.O.



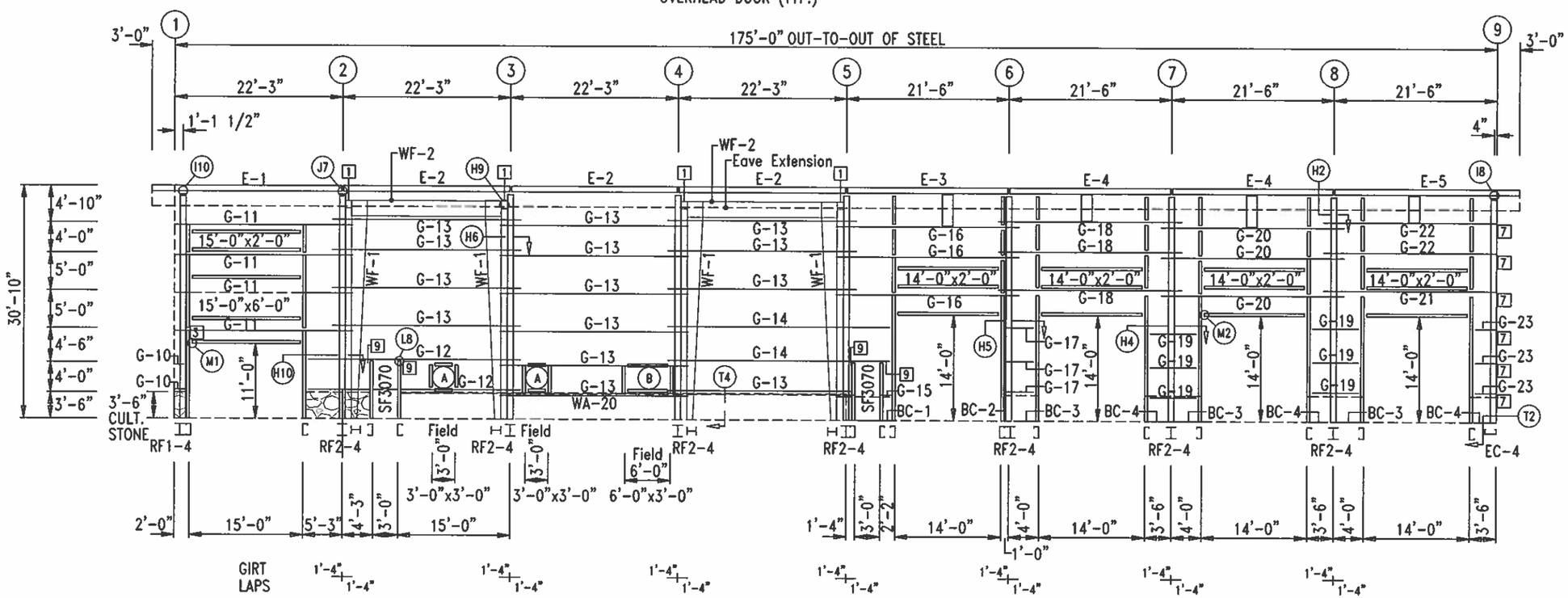
14'-0" x 14'-0"
OVERHEAD DOOR (TYP.)

BOLT TABLE GRID A				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-2	8	A325	7/8"	2 3/4"
WF-1 - RF2-4	8	A325	3/4"	2"

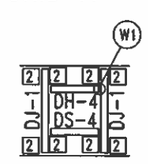
MEMBER TABLE GRID A		
MARK	PART	LENGTH
WF-1	COLUMN	29'-9"
WF-2	B24x8514	16'-11 3/4"
DJ-1	8x25C16	4'-0"
DJ-2	8x25C16	12'-0"
DJ-3	8x25C16	10'-0"
DJ-4	8x25C16	4'-0"
DJ-5	8x25C16	17'-0"
DH-1	8x25C16	6'-0"
DH-3	8x25C16	15'-0"
DH-4	8x25C16	3'-0"
DH-5	8x25C16	14'-0"
DS-1	8x25C16	6'-0"
DS-3	8x25C16	15'-0"
DS-4	8x25C16	3'-0"
DS-5	8x25C16	14'-0"
E-1	80x5E12	25'-2 3/4"
E-2	80x5E14	22'-2 1/2"
E-3	80x5E12	21'-5 1/2"
E-4	80x5E12	21'-5 1/2"
E-5	80x5E12	24'-5 1/2"
G-10	8x25Z16	1'-8"
G-11	8x25Z16	23'-7"
G-12	8x25Z16	28'-6"
G-13	8x25Z16	24'-11"
G-14	8x25Z16	29'-9"
G-15	8x25Z16	7'-6"
G-16	8x25Z16	24'-2"
G-17	8x25Z16	4'-4"
G-18	8x25Z16	24'-2"
G-19	8x25Z16	6'-10"
G-20	8x25Z16	24'-2"
G-21	8x25Z15	22'-10"
G-22	8x25Z16	22'-10"
G-23	8x25Z16	3'-2"
BC-1	8x25C16	6'-2"
BC-2	8x25C16	0'-8"
BC-3	8x25C16	3'-8"
BC-4	8x25C16	3'-2"
JB-1	8x25C16	5'-0"
JB-2	8x25C16	4'-0"
JB-3	8x25C16	4'-1 1/2"

CONNECTION PLATES GRID A	
ID	MARK/PART
1	BR-1
2	CA7
3	CA2
4	CA52
5	CA2A
6	CA2T
7	SWC-N
8	TSMC
9	JE-1

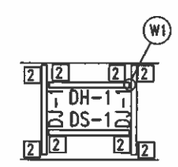
INSTALL SIDEWALL FLANGE BRACE
AS PER RIGID FRAME CROSS SECTION



SIDEWALL FRAMING: GRID A



(A) 3'-0"x3'-0" F.O.



(B) 6'-0"x3'-0" F.O.

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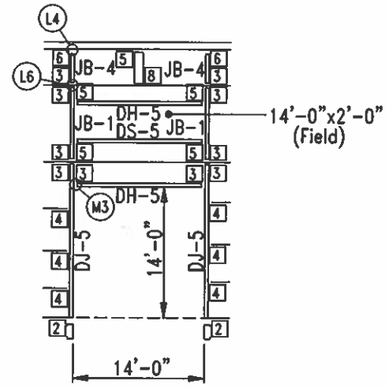
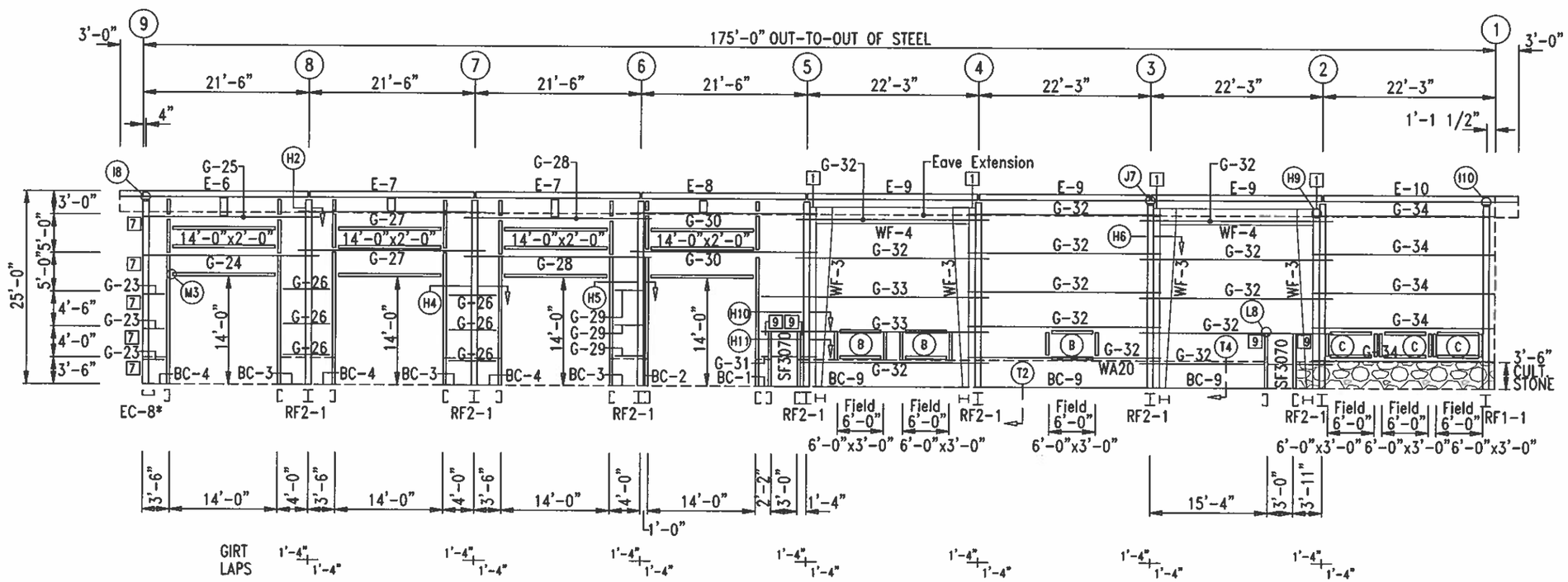
SCALE:	JOB LOCATION	REVISION
DATE: 11/ 7/24	BAKER CITY, OR	
OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF



BOLT TABLE GRID E				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-3 - WF-4	8	A325	3/4"	2 1/2"
WF-3 - RF2-1	8	A325	3/4"	2"

MEMBER TABLE GRID E		
MARK	PART	LENGTH
WF-3	COLUMN	24'-1"
WF-4	B24x6814	16'-11 3/4"
DJ-1	8x25C16	4'-0"
DJ-5	8x25C16	17'-0"
DJ-11	8x25C16	4'-0"
DH-1	8x25C16	6'-0"
DH-5	8x25C16	14'-0"
DS-1	8x25C16	6'-0"
DS-5	8x25C16	14'-0"
E-6	80x5E12	24'-5 1/2"
E-7	80x5E12	21'-5 1/2"
E-8	80x5E12	21'-5 1/2"
E-9	80x5E14	22'-2 1/2"
E-10	80x5E14	25'-2 3/4"
G-23	8x25Z16	3'-2"
G-24	8x25Z15	22'-10"
G-25	8x25Z16	22'-10"
G-26	8x25Z16	6'-10"
G-27	8x25Z16	24'-2"
G-28	8x25Z16	24'-2"
G-29	8x25Z16	4'-4"
G-30	8x25Z16	24'-2"
G-31	8x25Z16	7'-6"
G-32	8x25Z16	24'-11"
G-33	8x25Z16	29'-9"
G-34	8x25Z16	23'-7"
BC-1	8x25C16	6'-2"
BC-2	8x25C16	0'-8"
BC-3	8x25C16	3'-8"
BC-4	8x25C16	3'-2"
BC-9	8x25C16	22'-3"
JB-1	8x25C16	5'-0"
JB-4	8x25C16	2'-4"

CONNECTION PLATES GRID E	
ID	MARK/PART
1	BR-1
2	CA2A
3	CA2
4	CA52
5	CA7
6	CA2T
7	SWC-N
8	TSMC
9	JE-1



SIDEWALL FRAMING: GRID E

INSTALL SIDEWALL FLANGE BRACE AS PER RIGID FRAME CROSS SECTION

(B) 6'-0"x3'-0" F.O. (TYP)

(C) 6'-0"x3'-0" F.O. (TYP)

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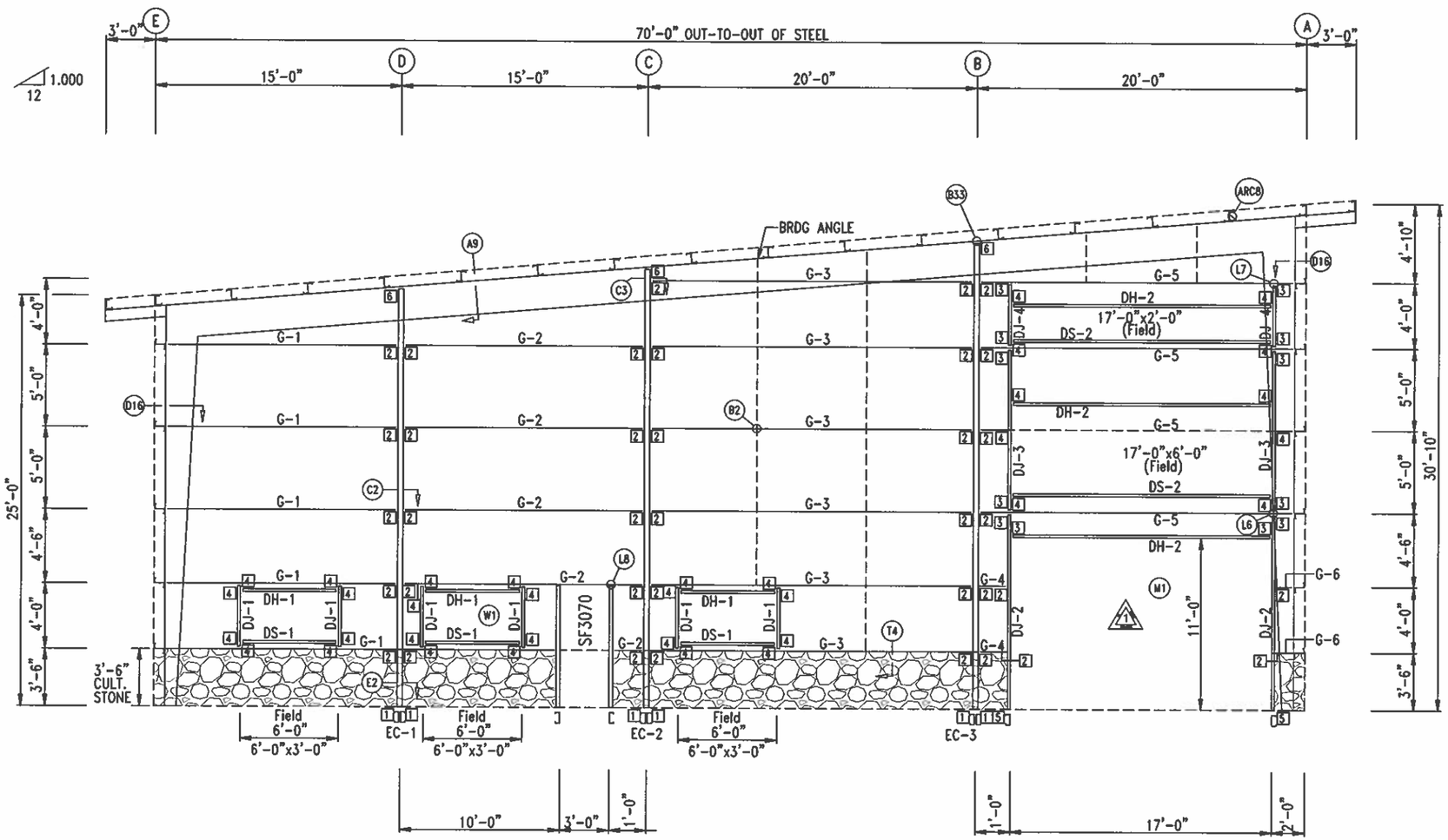
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

BOLT TABLE GRID 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	6	GR_5	1/2"	1"

MEMBER TABLE GRID 1		
MARK	PART	LENGTH
EC-1	D10x7C14	25'-7 3/16"
EC-2	D10x5C12	26'-10 3/16"
EC-3	D10x7C12	28'-6 3/16"
DJ-1	8x25C16	4'-0"
DJ-2	8x25C16	12'-0"
DJ-3	8x25C16	10'-0"
DJ-4	8x25C16	12'-0"
DH-1	8x25C16	6'-0"
DH-2	8x25C16	17'-0"
DS-1	8x25C16	6'-0"
DS-2	8x25C16	17'-0"
G-1	8x25Z16	14'-8"
G-2	8x25Z16	14'-4"
G-3	8x25Z16	19'-4"
G-4	8x25Z16	0'-4"
G-5	8x25Z16	19'-8"
G-6	8x25Z16	1'-8"

NOTE:
PURLIN ORIENTATION



ENDWALL FRAMING: GRID 1

CONNECTION PLATES GRID 1	
ID	MARK/PART
1	CA3
2	CA52
3	CA2
4	CA7
5	CA2A
6	DJ-13.5

INSTALL ENDWALL FLANGE BRACE

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OTEC	REVISED BY RPW 11/03/24	DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

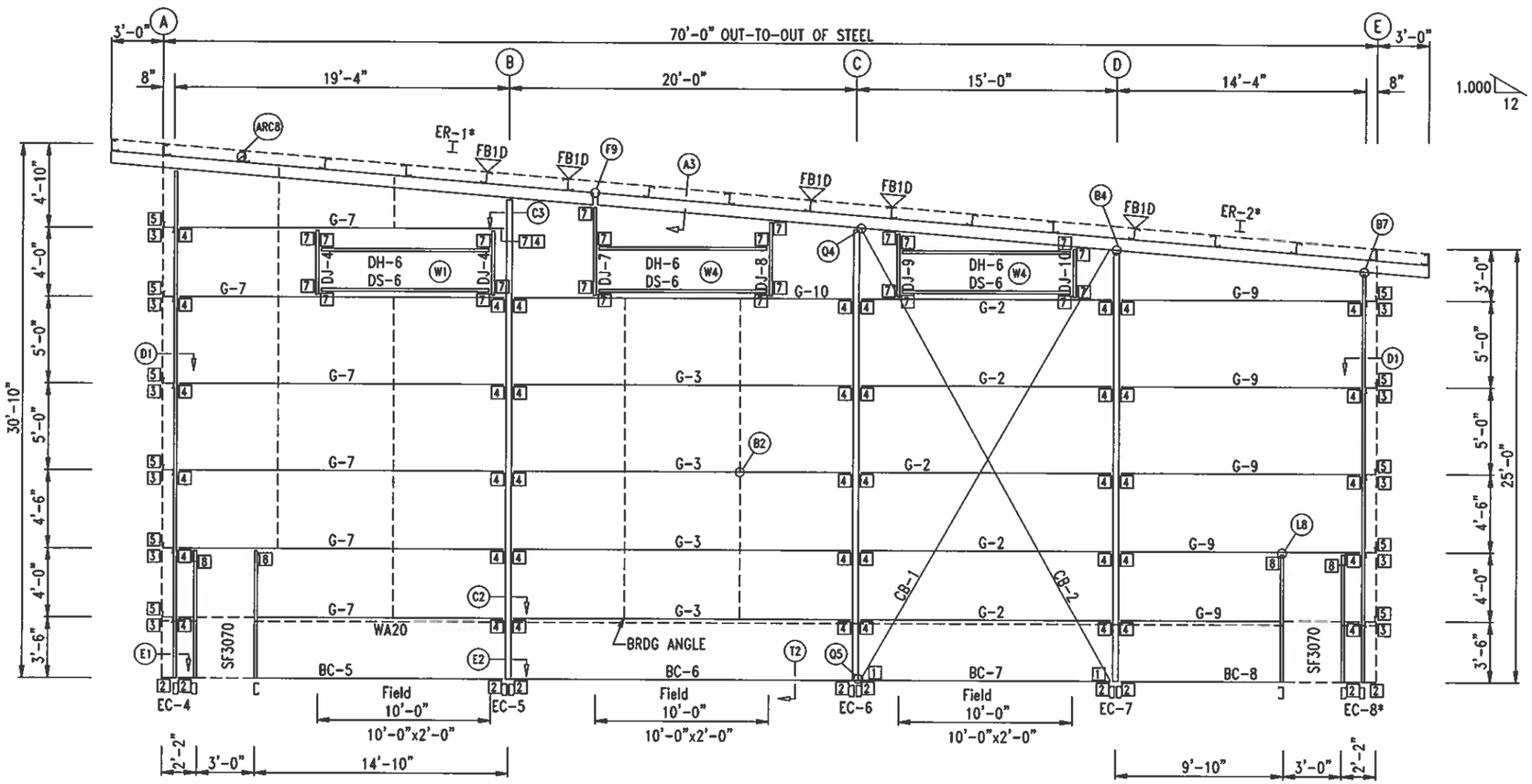
BOLT TABLE GRID 9				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1*/ER-2*	8	A325	5/8"	1 3/4"
Columns/Raf	4	GR_5	1/2"	1"

FLANGE BRACE TABLE GRID 9		
▽ID	MARK	LENGTH
1	FB1D	1'-5 7/8"

MEMBER TABLE GRID 9		
MARK	PART	LENGTH
EC-4	12x35C12	29'-3 3/8"
EC-5	D12x5C12	27'-8 1/16"
EC-6	D12x7C14	26'-0 1/16"
EC-7	D12x5C14	24'-9 1/16"
EC-8*	10x25C14	23'-6 3/4"
ER-1*	W10x12	28'-0 5/16"
ER-2*	W10x12	48'-2 7/8"
DJ-4	8x25C16	4'-0"
DJ-7	8x25C16	5'-3 1/16"
DJ-8	8x25C16	4'-5 1/16"
DJ-9	8x25C16	3'-9 9/16"
DJ-10	8x25C16	2'-11 9/16"
DH-6	8x25C16	10'-0"
DS-6	8x25C16	10'-0"
G-2	8x25Z16	14'-4"
G-3	8x25Z16	19'-4"
G-7	8x25Z16	18'-8"
G-8	8x25Z15	19'-4"
G-9	8x25Z16	13'-8"
BC-5	8x25C16	18'-8"
BC-6	8x25C16	19'-4"
BC-7	8x25C16	14'-4"
BC-8	8x25C16	13'-8"
CB-1	1/2EHS	28'-0"
CB-2	1/2EHS	29'-0"

CONNECTION PLATES GRID 9	
□ID	MARK/PART
1	3HXA
2	CA3
3	SWC-N
4	CA52
5	SA
7	CA7
8	JE-1

NOTE:
PURLIN ORIENTATION



ENDWALL FRAMING: GRID 9

INSTALL ENDWALL FLANGE BRACE

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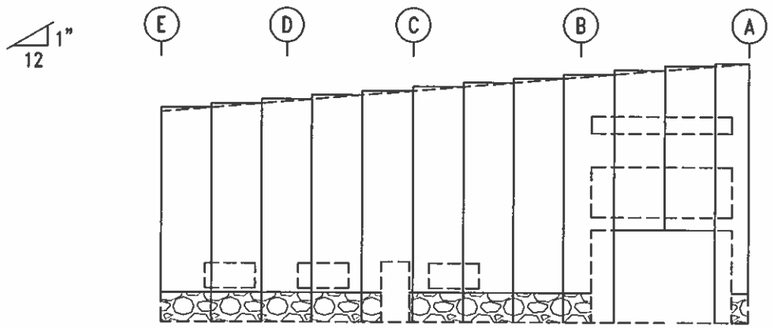
OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

ROOF INSULATION : R-33 ENERGY SAVER w/Thermal Block

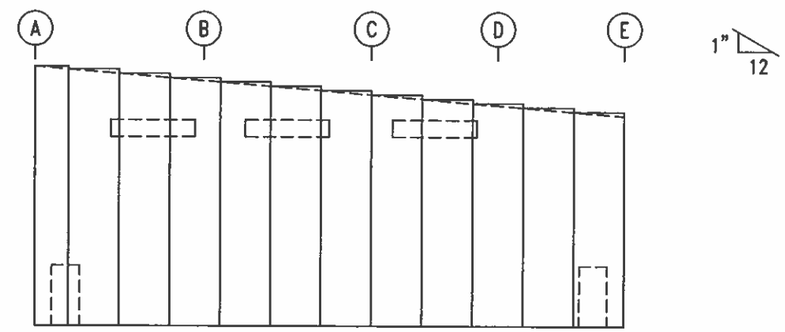
WALL INSULATION : R-35 ENERGY SAVER

NOTE:
ROOF: REFERENCE ENERGY SAVER INSTALLATION MANUAL.

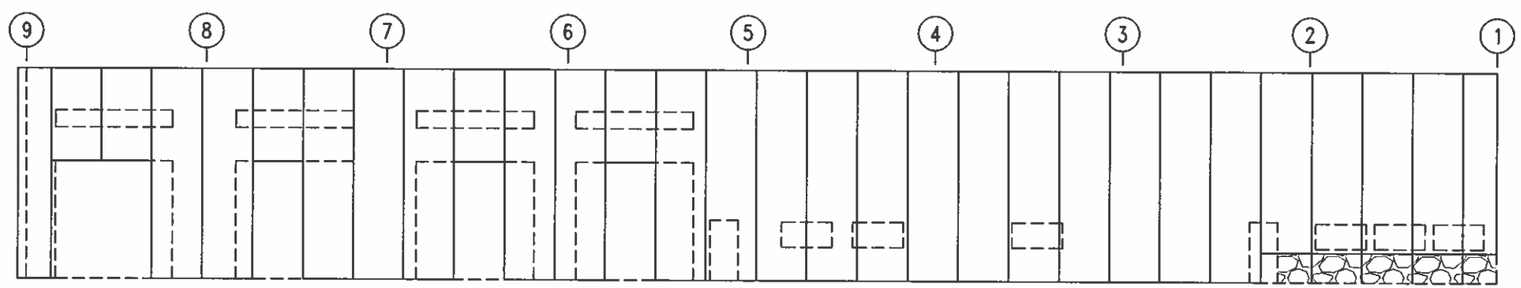
WALL: REFERENCE ENERGY SAVER INSTALLATION MANUAL.



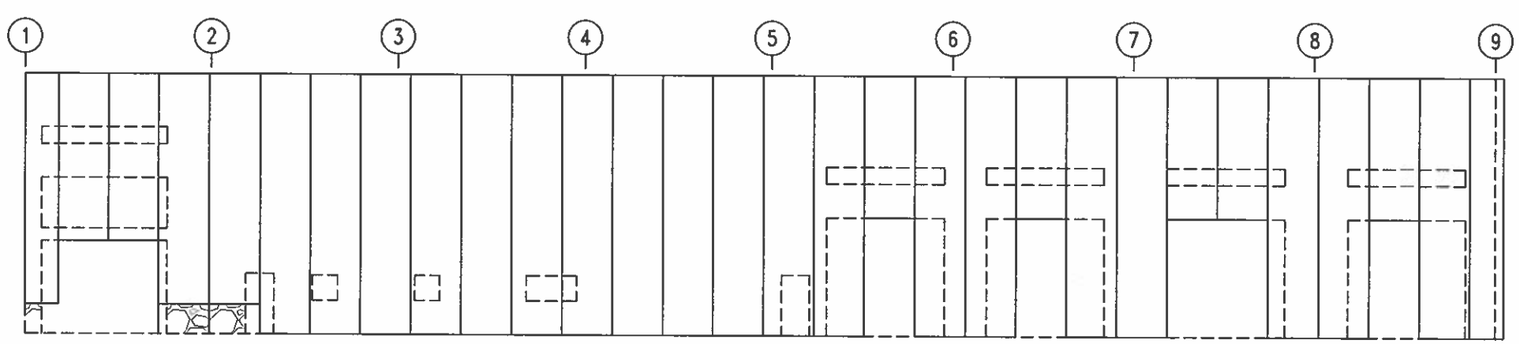
ENDWALL INSULATION: GRID 1
INSULATION: R-35 ENERGY SAVER



ENDWALL INSULATION: GRID 9
INSULATION: R-35 ENERGY SAVER



SIDEWALL INSULATION: GRID E
INSULATION: R-35 ENERGY SAVER



SIDEWALL INSULATION: GRID A
INSULATION: R-35 ENERGY SAVER

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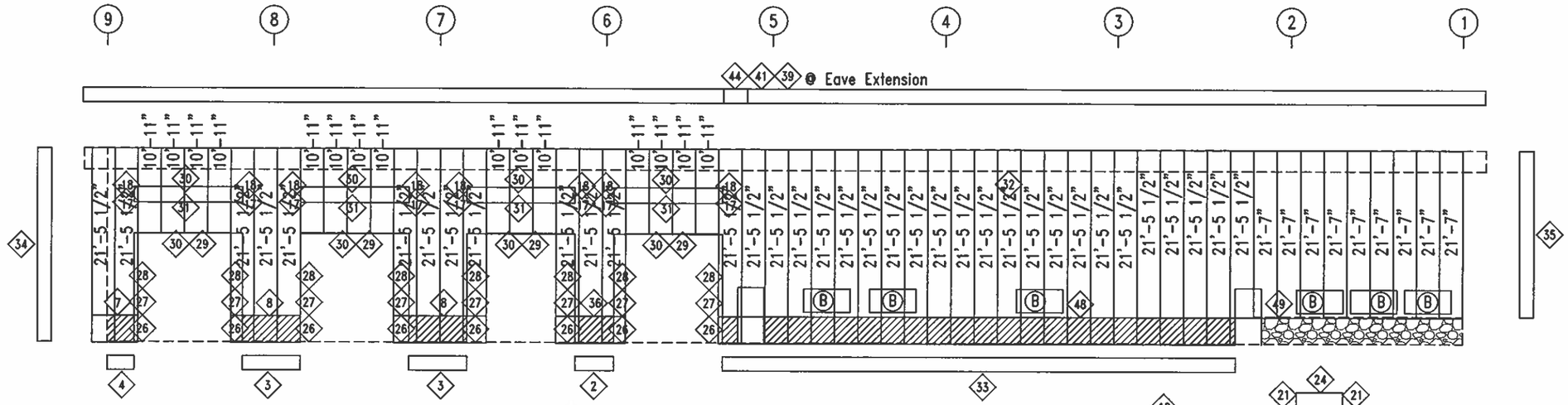
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF

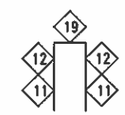


SIDEWALL SHEETING: GRID E

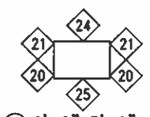
PANELS: 26 Ga. PBR - CHARCOAL

WAINSCOTT PANELS: 26 Ga. PBR - BLACK

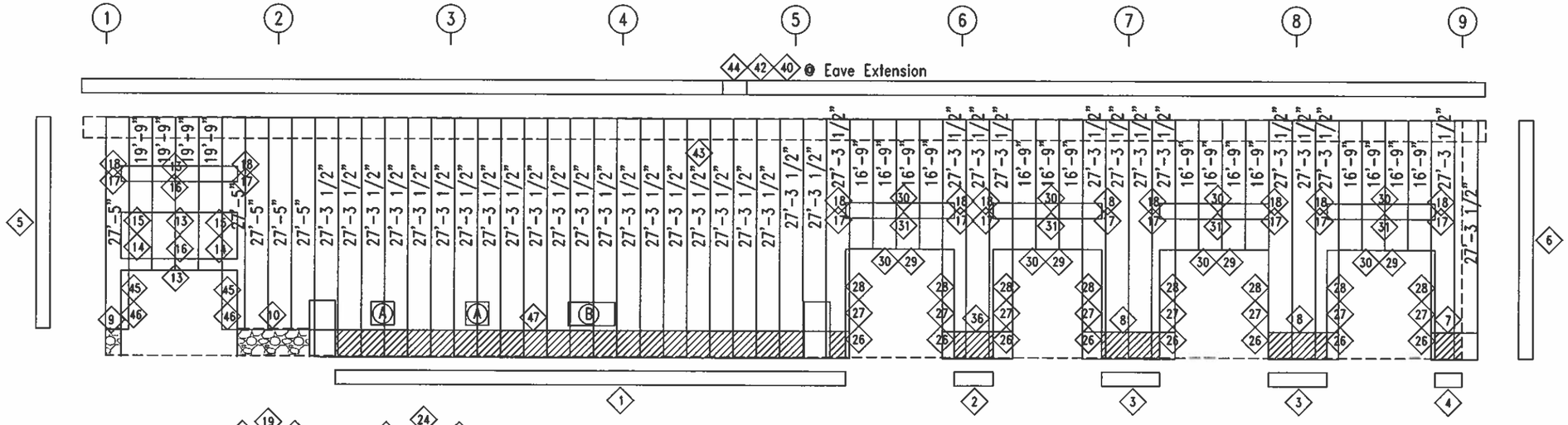
3'-7 1/2"

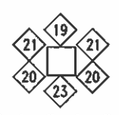


SF3070
WALK DOOR (TYP.)

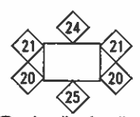


(B) 6'-0"x3'-0"
WINDOW (TYP.)





(A) 3'-0"x3'-0"
WINDOW (TYP.)



(B) 6'-0"x3'-0"
WINDOW (TYP.)

SIDEWALL SHEETING: GRID A

PANELS: 26 Ga. PBR - CHARCOAL

WAINSCOTT PANELS: 26 Ga. PBR - BLACK

3'-7 1/2"

TRIM TABLE
FRAME LINE A & E

◇ID	MARK	LENGTH
1	BT2	22'-6"
2	BT2	7'-0"
3	BT2	9'-6"
4	BT2	5'-6"
5	S-11	27'-6"
6	S-11	31'-0"
7	WAIN Z	5'-6"
8	WAIN Z	9'-6"
9	ZF-1	4'-0"
10	ZF-1	12'-0"
11	JMBTRM	7'-4"
12	JMBSTF	7'-4"
13	HEDTRM	16'-0"
14	JMBTRM	6'-1"
15	JMBSTF	6'-1"
16	SILTRM	16'-0"
17	JMBTRM	2'-1"
18	JMBSTF	2'-1"
19	HEDTRM	4'-0"
20	JMBTRM	3'-1"
21	JMBSTF	3'-1"
23	SILTRM	4'-0"
24	HEDTRM	7'-0"
25	SILTRM	7'-0"
26	8-JAMB	14'-0"
27	JMBTRM	14'-6"
28	JMBSTF	14'-6"
29	8-HEAD	14'-0"
30	HEDTRM	15'-0"
31	SILTRM	15'-0"
32	3x3L-L	30'-0"
33	BT2	23'-0"
34	S-11	25'-0"
35	S-11	21'-6"
36	WAIN Z	7'-0"
39	S-17	31'-0"
40	HSSS S-17	31'-0"
41	8x3L-L	31'-0"
42	8x3L-H	31'-0"
43	3x3L-H	30'-0"
44	PKBOX	2'-6"
45	JMBTRM	8'-0"
46	JMBSTF	8'-0"
47	WAIN Z	21'-6"
48	WAIN Z	23'-6"
49	ZF-1	28'-6"

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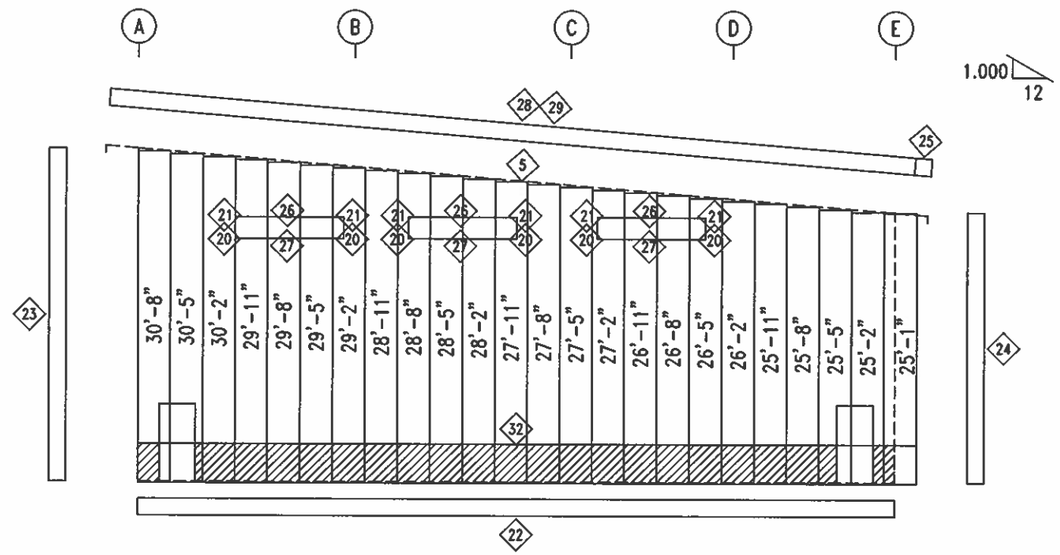
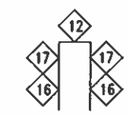


ENDWALL SHEETING: GRID 9

PANELS: 26 Ga. PBR - CHARCOAL

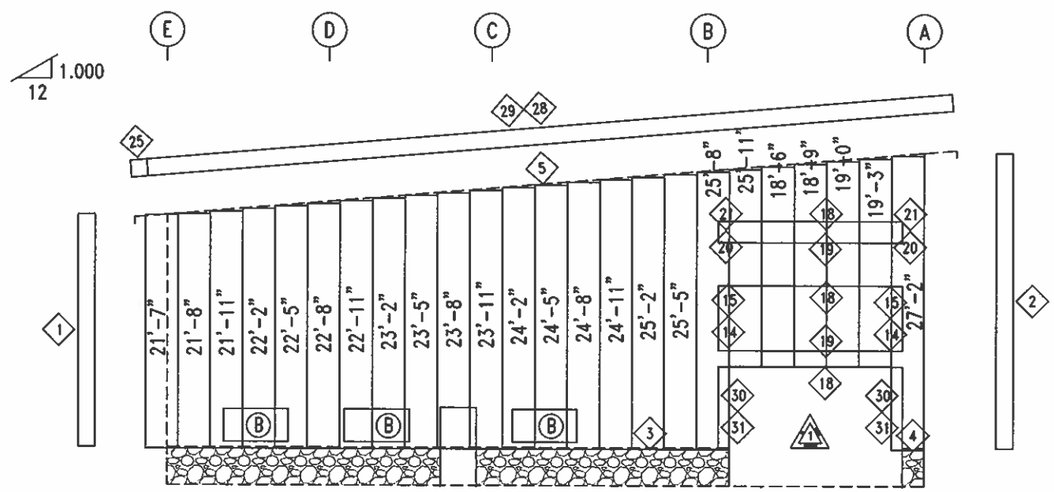
WAINSCOTT PANELS: 26 Ga. PBR - BLACK

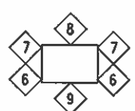
3'-7 1/2"



SF3070
WALK DOOR (TYP.)

TRIM TABLE FRAME LINE 1 & 9		
◇ID	MARK	LENGTH
1	S-11	21'-6"
2	S-11	27'-6"
3	ZF-1	27'-0"
4	ZF-1	4'-0"
5	SC-S58	24'-0"
6	JMBTRM	3'-1"
7	JMBSTF	3'-1"
8	HEDTRM	7'-0"
9	SILTRM	7'-0"
12	HEDTRM	4'-0"
14	JMBTRM	6'-1"
15	JMBSTF	6'-1"
16	JMBTRM	7'-4"
17	JMBSTF	7'-4"
18	HEDTRM	18'-0"
19	SILTRM	18'-0"
20	JMBTRM	2'-1"
21	JMBSTF	2'-1"
22	BT2	24'-6"
23	S-11	31'-0"
24	S-11	25'-0"
25	S188EC	1'-0"
26	HEDTRM	11'-0"
27	SILTRM	11'-0"
28	S-188	26'-0"
29	ST-11	26'-0"
30	JMBTRM	8'-0"
31	JMBSTF	8'-0"
32	WAIN Z	24'-6"





Ⓑ 6'-0"x3'-0"
WINDOW (TYP.)

ENDWALL SHEETING: GRID 1

PANELS: 26 Ga. PBR - CHARCOAL

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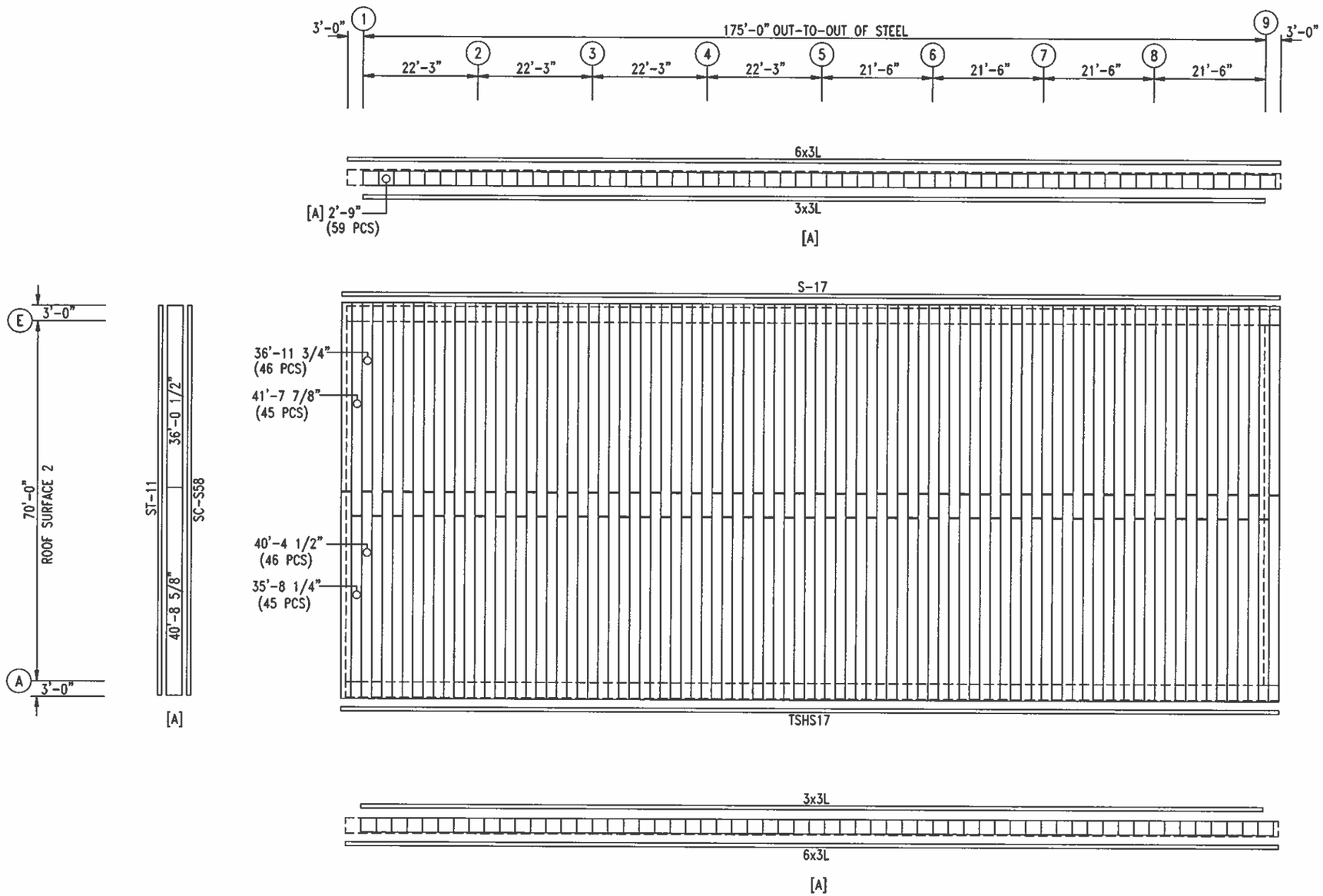
TRIM TABLE ROOF PLAN		
◇ID	MARK	LENGTH
	ST-11	26'-0"
	6x3L	31'-0"
	TSHS17	31'-0"
	S-17	31'-0"



ROOF SHEETING PLAN

PANELS: 24 Ga. TS-324 - Black
[A] SOFFIT PANELS: 26 Ga. PBR - Black

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OTEC		DRAWN BY RPW
APEX ELITE LINE ACADEMY		DRAWING NUMBER OF