



G2 National

2185 Green Vista Dr. #212
Sparks, NV 89431

TA Express

CN-1637

3225 E. Rincon Rd.
Littlefield, AZ

Roof Design Loads

Building Code: 2018 IBC
LL Deflection: L/360
TL Deflection: L/240

Roof LL: 20 PSF
Roof DL: 16 PSF
Roof SL: 0 PSF
TCCL: 20 PSF
BCCL: 0 PSF
BCDL: 5 PSF

Wind Speed: 110 MPH
Wind Cat: II
Wind Exp: C
Net Uplift: Per Plans

Additional DL at any point:
(Concurrent with Base D+L Loads only)

TC: 1000#
BC:

G2T Axial Load: N/A

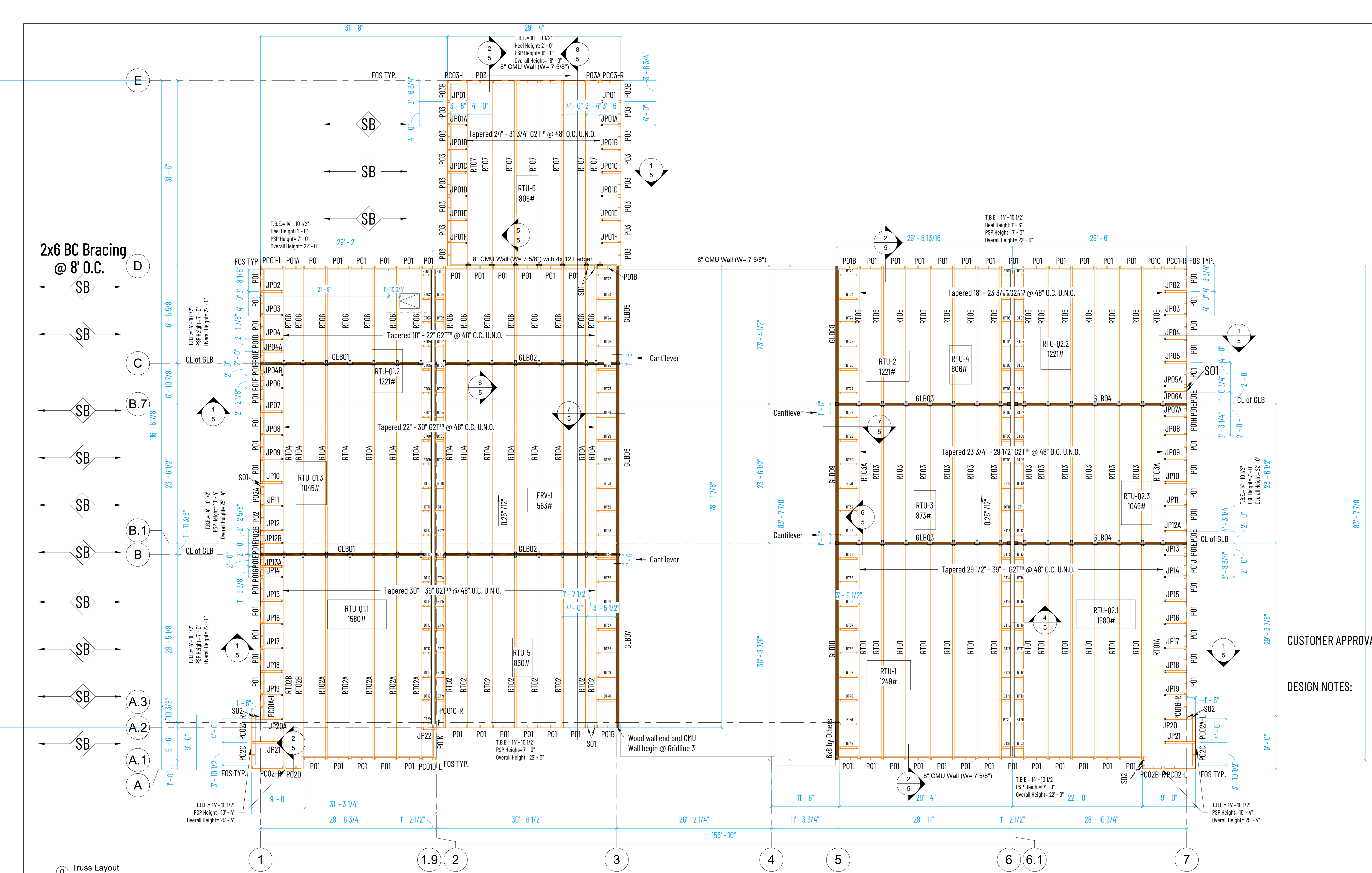
Designer: LAF

Revision Schedule

No.	Description	Date
1	AMP	10/24/2022
2	AMP-2	12/15/2022
3	OFA	1/3/2023
4	RFC	1/26/2023

PRS™ Roof Layout

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2x6 BC Bracing
@ 8' O.C.

REVISED FOR CONSTRUCTION

GLOSSARY OF TERMS

U.O.N - Unless Otherwise Noted
FOW - Face of Tilt Wall
FOSHTG - Face of Sheathing
PLF WL - Per Linear Foot Wind Load
PLF DL - Per Linear Foot Dead Load
PLF LL - Per Linear Foot Live Load
PSF - Per Square Foot
PFT - Prefabricated Trusses
RTU - Roof Top Unit
CU - Condenser Unit
EF - Exhaust Fan
TCDL - Top Chord Dead Load
BCDL - Bottom Chord Dead Load
TCLL - Top Chord Live Load
BCLL - Bottom Chord Live Load
T.B.E. - Truss Bearing Elevation

G2T™ Truss BOM								
Truss Mark	Count	Clear Span	MFG Length	Truss Depth	High End Depth	Truss Type	Hanger Left	Hanger Right
RT01	13	36' - 6 5/16"	36' - 5 15/16"	2' - 6"	3' - 2 13/16	G2T - 44S	G2 WHM : 414	None : 0
RT01A	1	38' - 0 5/16"	37' - 11 15/16"	2' - 6"	3' - 3 3/16"	G2T - 44S	G2 WHM : 414	None : 0
RT02	8	29' - 0 15/16"	29' - 0 9/16"	2' - 4"	3' - 1 7/16"	G2T -44S/42S	G2 WHM : 414	None : 0
RT02A	5	34' - 6 15/16"	34' - 6 9/16"	2' - 4"	3' - 2 13/16"	G2T - 44S/42S	G2 WHM : 414	None : 0
RT02B	2	36' - 0 15/16"	36' - 0 9/16"	2' - 4"	3' - 3 3/16"	G2T - 44S	G2 WHM : 414	None : 0
RT03	12	23' - 1 3/8"	23' - 0 5/8"	1' - 6"	2' - 5 9/16"	G2T - 44S/42S	G2 WHM : 414	G2 WHM : 414
RT03A	2	23' - 1 3/8"	23' - 0 5/8"	1' - 6"	2' - 5 9/16"	G2T - 44S	G2 WHM : 414	G2 WHM : 414
RT04	15	31' - 11 5/8"	31' - 10 7/8"	2' - 0"	2' - 6 3/16"	G2T - 44S	G2 WHM : 414	G2 WHM : 414
RT05	14	23' - 1 15/16"	23' - 1 9/16"	2' - 0"	1' - 11 3/4"	G2T - 44S	None : 0	G2 WHM : 414
RT06	15	16' - 3 1/16"	16' - 2 11/16"	2' - 0"	1' - 10"	G2T - 44S	None : 0	G2 WHM : 414
RT07	7	31' - 1 1/2"	31' - 1 1/8"	2' - 0"	2' - 7 11/16"	G2T - 44S	None : 0	G2 WHM : 414

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G2T™ Jack PAL™ Truss BOM							
Truss Mark	Count	Base Span	MFG Length	Truss Depth	Truss Type	Hanger	Inverted Hanger
JP01	2	3' - 4 1/4"	3' - 3 1/2"	2' - 0 7/8"	G2T - 44S	JUS : 44	JUS : 44
JP01A	2	3' - 4 1/4"	3' - 3 1/2"	2' - 1 7/8"	G2T - 44S	JUS : 44	JUS : 44
JP01B	2	3' - 4 1/4"	3' - 3 1/2"	2' - 2 7/8"	G2T - 44S	JUS : 44	JUS : 44
JP01C	2	3' - 4 1/4"	3' - 3 1/2"	2' - 3 7/8"	G2T - 44S	JUS : 44	JUS : 44
JP01D	2	3' - 4 1/4"	3' - 3 1/2"	2' - 4 7/8"	G2T - 44S	JUS : 44	JUS : 44
JP01E	2	3' - 4 1/4"	3' - 3 1/2"	2' - 5 7/8"	G2T - 44S	JUS : 44	JUS : 44
JP01F	2	3' - 4 1/4"	3' - 3 1/2"	2' - 6 7/8"	G2T - 44S	JUS : 44	JUS : 44
JP02	2	3' - 10 1/4"	3' - 9 1/2"	1' - 7 1/16"	G2T - 44S	JUS : 44	JUS : 44
JP03	2	3' - 10 1/4"	3' - 9 1/2"	1' - 8 1/16"	G2T - 44S	JUS : 44	JUS : 44
JP04	2	3' - 10 1/4"	3' - 9 1/2"	1' - 9 1/16"	G2T - 44S	JUS : 44	JUS : 44
JP04A	1	3' - 10 1/4"	3' - 9 1/2"	1' - 9 5/8"	G2T - 44S	JUS : 44	JUS : 44
JP04B	1	3' - 10 1/4"	3' - 9 1/2"	1' - 10 5/8"	G2T - 44S	JUS : 44	JUS : 44
JP05	1	3' - 10 1/4"	3' - 9 1/2"	1' - 10 1/16"	G2T - 44S	JUS : 44	JUS : 44
JP05A	1	3' - 10 1/4"	3' - 9 1/2"	1' - 11 1/16"	G2T - 44S	JUS : 44	JUS : 44
JP06	1	3' - 10 1/4"	3' - 9 1/2"	1' - 11 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP06A	1	3' - 10 1/4"	3' - 9 1/2"	1' - 11 5/16"	G2T - 44S	JUS : 44	JUS : 44
JP07	1	3' - 10 1/4"	3' - 9 1/2"	2' - 0 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP07A	1	3' - 10 1/4"	3' - 9 1/2"	2' - 0 5/16"	G2T - 44S	JUS : 44	JUS : 44
JP08	2	3' - 10 1/4"	3' - 9 1/2"	2' - 1 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP09	2	3' - 10 1/4"	3' - 9 1/2"	2' - 2 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP10	2	3' - 10 1/4"	3' - 9 1/2"	2' - 3 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP11	2	3' - 10 1/4"	3' - 9 1/2"	2' - 4 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP12	1	3' - 10 1/4"	3' - 9 1/2"	2' - 5 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP12A	1	3' - 10 1/4"	3' - 9 1/2"	2' - 5 15/16"	G2T - 44S	JUS : 44	JUS : 44
JP12B	1	3' - 10 1/4"	3' - 9 1/2"	2' - 5 11/16"	G2T - 44S	JUS : 44	JUS : 44
JP13	1	3' - 10 1/4"	3' - 9 1/2"	2' - 6 1/4"	G2T - 44S	JUS : 44	JUS : 44
JP13A	1	3' - 10 1/4"	3' - 9 1/2"	2' - 6 11/16"	G2T - 44S	JUS : 44	JUS : 44
JP14	2	3' - 10 1/4"	3' - 9 1/2"	2' - 7 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP15	2	3' - 10 1/4"	3' - 9 1/2"	2' - 8 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP16	2	3' - 10 1/4"	3' - 9 1/2"	2' - 9 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP17	2	3' - 10 1/4"	3' - 9 1/2"	2' - 10 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP18	2	3' - 10 1/4"	3' - 9 1/2"	2' - 11 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP19	2	3' - 10 1/4"	3' - 9 1/2"	3' - 0 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP20	1	3' - 10 1/4"	3' - 9 1/2"	3' - 1 1/8"	G2T - 44S	JUS : 44	JUS : 44
JP20A	1	3' - 10 1/4"	3' - 9 1/2"	3' - 1 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP21	2	5' - 4 1/4"	5' - 3 1/2"	3' - 2 3/16"	G2T - 44S	JUS : 44	JUS : 44
JP22	1	2' - 5 1/2"	2' - 4 3/4"	3' - 1 9/16"	G2T - 44S	JUS : 44	JUS : 44

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G2T™ Hanger BOM			
Count	Hanger Name	Joist Nailing	Header Nailing
116	JUS44	(2) 16d	(4) 16d
123	WHM414	6 - 16d x 2.5	10 - 16d

Truss Blocking BOM					
Truss Mark	Count	Total Span	MFG Length	Truss Depth	Truss Type
BT01	4	1' - 5"	1' - 4 3/4"	1' - 6 3/8"	G2T - B
BT02	4	1' - 5"	1' - 4 3/4"	1' - 7 3/8"	G2T - B
BT03	4	1' - 5"	1' - 4 3/4"	1' - 8 3/8"	G2T - B
BT04	4	1' - 5"	1' - 4 3/4"	1' - 9 3/8"	G2T - B
BT05	4	1' - 5"	1' - 4 3/4"	1' - 10 3/8"	G2T - B
BT06	4	1' - 5"	1' - 4 3/4"	1' - 11 3/8"	G2T - B
BT07	4	1' - 5"	1' - 4 3/4"	2' - 0 3/8"	G2T - B
BT08	4	1' - 5"	1' - 4 3/4"	2' - 1 3/8"	G2T - B
BT09	4	1' - 5"	1' - 4 3/4"	2' - 2 3/8"	G2T - B
BT10	4	1' - 5"	1' - 4 3/4"	2' - 3 3/8"	G2T - B
BT11	4	1' - 5"	1' - 4 3/4"	2' - 4 3/8"	G2T - B
BT12	4	1' - 5"	1' - 4 3/4"	2' - 5 3/8"	G2T - B
BT13	4	1' - 5"	1' - 4 3/4"	2' - 6 3/8"	G2T - B
BT14	4	1' - 5"	1' - 4 3/4"	2' - 7 3/8"	G2T - B
BT15	4	1' - 5"	1' - 4 3/4"	2' - 8 3/8"	G2T - B
BT16	4	1' - 5"	1' - 4 3/4"	2' - 9 3/8"	G2T - B
BT17	4	1' - 5"	1' - 4 3/4"	2' - 10 3/8"	G2T - B
BT18	4	1' - 5"	1' - 4 3/4"	2' - 11 3/8"	G2T - B
BT19	4	1' - 5"	1' - 4 3/4"	3' - 0 3/8"	G2T - B
BT20	3	1' - 5"	1' - 4 3/4"	3' - 1 3/8"	G2T - B
BT21	2	1' - 5"	1' - 4 3/4"	3' - 2 3/8"	G2T - B
BT22	2	3' - 3"	3' - 2 3/4"	1' - 6 3/8"	G2T - B
BT23	2	3' - 3"	3' - 2 3/4"	1' - 7 3/8"	G2T - B
BT24	2	3' - 3"	3' - 2 3/4"	1' - 8 3/8"	G2T - B
BT25	2	3' - 3"	3' - 2 3/4"	1' - 9 3/8"	G2T - B
BT26	2	3' - 3"	3' - 2 3/4"	1' - 10 3/8"	G2T - B
BT27	2	3' - 3"	3' - 2 3/4"	1' - 11 3/8"	G2T - B
BT28	2	3' - 3"	3' - 2 3/4"	2' - 0 3/8"	G2T - B
BT29	2	3' - 3"	3' - 2 3/4"	2' - 1 3/8"	G2T - B
BT30	2	3' - 3"	3' - 2 3/4"	2' - 2 3/8"	G2T - B
BT31	2	3' - 3"	3' - 2 3/4"	2' - 3 3/8"	G2T - B
BT32	2	3' - 3"	3' - 2 3/4"	2' - 4 3/8"	G2T - B
BT33	2	3' - 3"	3' - 2 3/4"	2' - 5 3/8"	G2T - B
BT34	2	3' - 3"	3' - 2 3/4"	2' - 6 3/8"	G2T - B
BT35	2	3' - 3"	3' - 2 3/4"	2' - 7 3/8"	G2T - B
BT36	2	3' - 3"	3' - 2 3/4"	2' - 8 3/8"	G2T - B
BT37	2	3' - 3"	3' - 2 3/4"	2' - 9 3/8"	G2T - B
BT38	2	3' - 3"	3' - 2 3/4"	2' - 10 3/8"	G2T - B
BT39	2	3' - 3"	3' - 2 3/4"	2' - 11 3/8"	G2T - B
BT40	2	3' - 3"	3' - 2 3/4"	3' - 0 3/8"	G2T - B
BT41	1	3' - 3"	3' - 2 3/4"	3' - 1 3/8"	G2T - B
BT42	1	3' - 3"	3' - 2 3/4"	3' - 2 3/8"	G2T - B

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GLB BOM						
Mark	Count	Length	Description	Camber	Beam Grade	Species
GLB01	2	28' - 9 3/4"	5 1/8" x 30" 26F-V5	3500'	Framer	SYP
GLB02	2	31' - 0 1/16"	5 1/8" x 30" 26F-V5	3500'	Framer	SYP
GLB03	2	29' - 4 9/16"	5 1/8" x 30" 26F-V5	3500'	Framer	SYP
GLB04	2	29' - 1 3/4"	5 1/8" x 30" 26F-V5	3500'	Framer	SYP
GLB05	1	14' - 11 5/8"	5 1/8" x 13.5" 26F-V5	3500'	Framer	SYP
GLB06	1	35' - 4 3/4"	5 1/8" x 27" 26F-V5	3500'	Framer	SYP
GLB07	1	27' - 9 1/2"	5 1/8" x 24" 26F-V5	3500'	Framer	SYP
GLB08	1	24' - 10 1/2"	5 1/8" x 21" 26F-V5	3500'	Framer	SYP
GLB09	1	20' - 6 1/2"	5 1/8" x 21" 26F-V5	3500'	Framer	SYP
GLB10	1	32' - 1 1/2"	5 1/8" x 27" 26F-V5	3500'	Framer	SYP

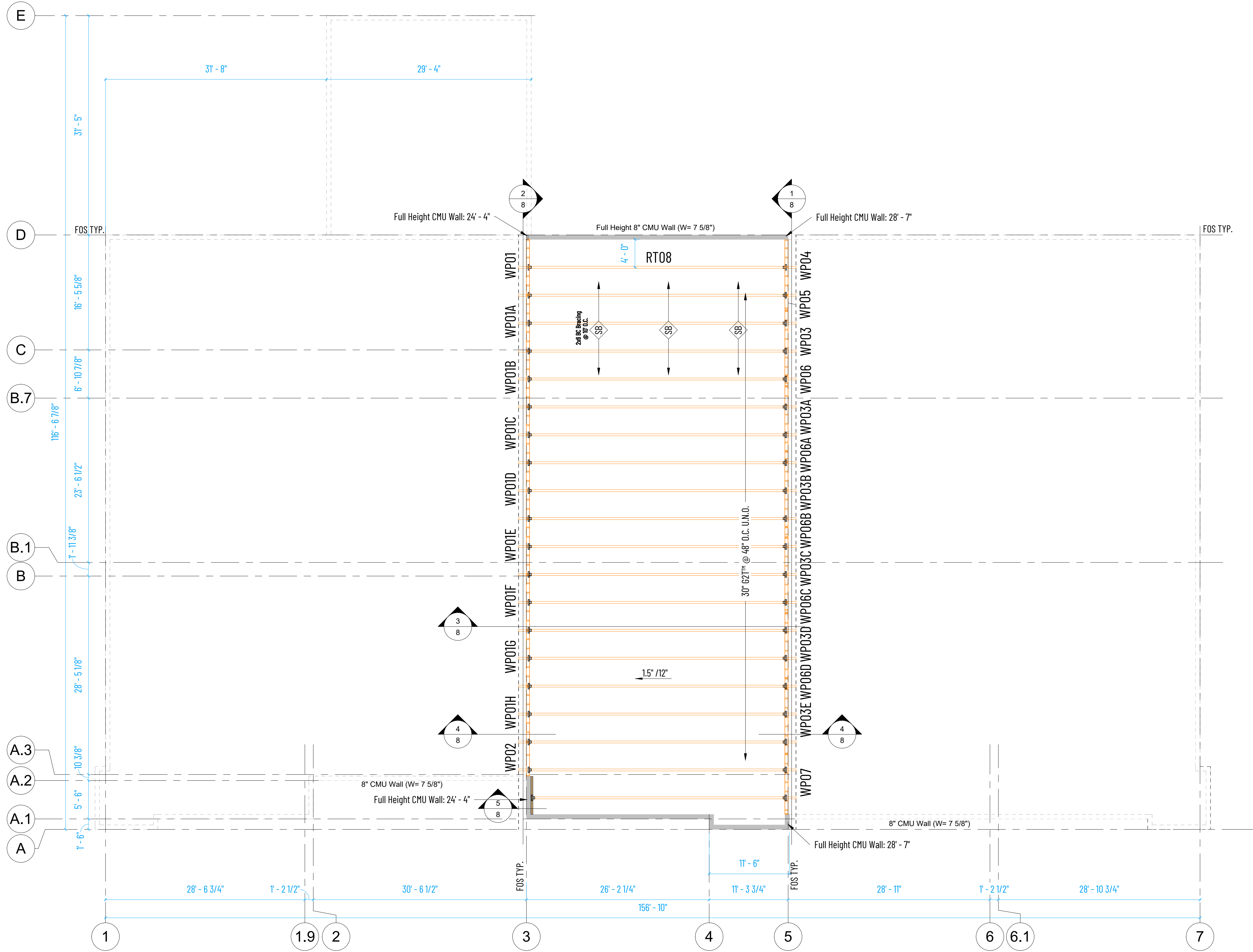
GLB Hardware BOM			
Count	Product	GLB Size	Vendor
1	HCA5-7 H=23"	5 1/8" x 24"	G2
2	HCA5-7 H=20"	5 1/8" x 21"	G2
1	HCA5-5 H=12.5"	5 1/8" x 13.5"	G2
8	HGLB W=5.25"	5 1/8"	G2
4	HBHQ 5.25-SDS H=30"	5 1/8" x 30"	G2

G2 Top Plate BOM		
Product	LF	Material
2x6	480	DF #2
2x8	48	DF #2

G2 Screw BOM	
Count	Product
234	FLOK6
260	FLOK4.5
2800	FLOK2.9

G2 Bottom Chord Bracing BOM		
Product	LF	Material
2x6 BC Bracing	1232	DF #2

G2 PSP™ BOM							
Panel Mark	Count	MFG Length	PSP Height	B1 Length	B2 Length	Type	PAL Connection
P01	72	3' - 8 1/4"	7' - 0"	1' - 7 3/4"	1' - 7 3/4"	PSP6	A-1
P01A	1	2' - 10 1/4"	7' - 0"	1' - 2 3/4"	1' - 2 3/4"	PSP6	A-1
P01B	3	3' - 4 1/4"	7' - 0"	1' - 5 3/4"	1' - 5 3/4"	PSP6	A-1
P01C	1	3' - 2 1/4"	7' - 0"	1' - 4 3/4"	1' - 4 3/4"	PSP6	A-1
P01D	1	1' - 10 1/8"	7' - 0"	1' - 7"	0"	PSP6	A-1
P01E	8	1' - 7 7/16"	7' - 0"	1' - 4 3/8"	0"	PSP6	A-1
P01F	1	1' - 10 3/8"	7' - 0"	1' - 7 1/4"	0"	PSP6	A-1
P01G	1	1' - 5 5/8"	7' - 0"	1' - 2 1/2"	0"	PSP6	A-1
P01H	1	2' - 11 1/2"	7' - 0"	1' - 3 1/2"	1' - 3 1/2"	PSP6	A-1
P01I	1	3' - 11 1/2"	7' - 0"	1' - 9 1/2"	1' - 9 1/2"	PSP6	A-1
P01J	1	3' - 5"	7' - 0"	1' - 6 1/4"	1' - 6 1/4"	PSP6	A-1
P01K	1	4' - 8 3/4"	7' - 0"	2' - 2"	2' - 2"	PSP6	A-1
P01L	1	3' - 2"	7' - 0"	1' - 4 3/4"	1' - 4 3/4"	PSP6	A-1
P02	1	3' - 8 1/4"	10' - 4"	1' - 7 3/4"	1' - 7 3/4"	PSP8	A-2
P02A	1	3' - 1 3/4"	10' - 4"	1' - 4 1/2"	1' - 4 1/2"	PSP8	A-2
P02B	1	1' - 10 7/8"	10' - 4"	1' - 7 3/4"	0"	PSP8	A-2
P02C	2	3' - 9 3/4"	10' - 4"	1' - 8 1/2"	1' - 8 1/2"	PSP8	A-2
P02D	1	2' - 10 1/4"	10' - 4"	1' - 2 3/4"	1' - 2 3/4"	PSP8	A-2
P03	19	3' - 8 1/4"	6' - 11"	1' - 7 3/4"	1' - 7 3/4"	PSP6	A-1
P03A	1	2' - 0 1/4"	6' - 11"	9 3/4"	9 3/4"	PSP6	A-1
P03B	2	2' - 11 1/4"	6' - 11"	1' - 3 1/4"	1' - 3 1/4"	PSP6	A-1
PC01-L	1	3' - 10"	7' - 0"	1' - 8 3/4"	1' - 8 3/4"	PSP6	A-1
PC01-R	1	3' - 10"	7' - 0"	1' - 8 3/4"	1' - 8 3/4"	PSP6	A-1
PC01A-L	1	3' - 8 1/4"	7' - 0"	1' - 7 3/4"	1' - 7 3/4"	PSP6	A-1
PC01B-R	1	3' - 8 1/4"	7' - 0"	1' - 6 3/4"	1' - 6 3/4"	PSP6	A-1
PC01C-R	1	1' - 10 3/8"	7' - 0"	1' - 7 1/4"	0"	PSP6	A-1
PC01D-L	1	2' - 5 1/4"	7' - 0"	1' - 0 3/4"	1' - 0 3/4"	PSP6	A-1
PC02-L	1	5' - 4"	10' - 4"	2' - 5 3/4"	2' - 5 3/4"	PSP8	A-2
PC02-R	1	5' - 4"	10' - 4"	2' - 5 3/4"	2' - 5 3/4"	PSP8	A-2
PC02A-L	1	4' - 3 7/8"	10' - 4"	1' - 11 1/2"	1' - 11 1/2"	PSP8	A-2
PC02A-R	1	4' - 3 7/8"	10' - 4"	1' - 11 1/2"	1' - 11 1/2"	PSP8	A-2
PC02B-R	1	3' - 4"	10' - 4"	1' - 5 3/4"	1' - 5 3/4"	PSP8	A-2
PC03-L	1	3' - 4"	6' - 11"	1' - 5 3/4"	1' - 5 3/4"	PSP6	A-1
PC03-R	1	3' - 4"	6' - 11"	1' - 5 3/4"	1' - 5 3/4"	PSP6	A-1



0 Truss Layout
1/8" = 1'-0"

GLOSSARY OF TERMS

U.O.N - Unless Otherwise Noted
FOW - Face of Tilt Wall
FOSHTG - Face of Sheathing
PLF WL - Per Linear Foot Wind Load
PLF DL - Per Linear Foot Dead Load
PLF LL - Per Linear Foot Live Load
PSF - Per Square Foot
PFT - Prefabricated Trusses
RTU - Roof Top Unit
CU - Condenser Unit
EF - Exhaust Fan
TCDL - Top Chord Dead Load
BCDL - Bottom Chord Dead Load
TCLL - Top Chord Live Load
BCLL - Bottom Chord Live Load
T.B.E. - Truss Bearing Elevation

G2T™ Truss BOM										
Truss Mark	Count	Overall Length	Clear Span	MFG Length	Truss Depth	Truss Type	Hanger Left	Hanger Right	TC Extension Left	TC Extension Right
RT08	19	39' - 9"	36' - 7"	36' - 6 1/4"	2' - 6"	G2T - 44S	G2 WHM : 414	G2 WHM : 414	1' - 7"	1' - 7"
RT08A	1	37' - 8 3/8"	36' - 13/8"	36' - 0 5/8"	2' - 6"	G2T - 44S	G2 WHM : 414	G2 WHM : 414	0"	1' - 7"

G2T™ Hanger BOM			
Count	Hanger Name	Joist Nailing	Header Nailing
40	WHM414	6 - 16d x 2.5	10 - 16d

G2 Top Plate BOM		
Product	LF	Material
4x6	176	DF #2

G2 Bottom Chord Bracing BOM		
Product	LF	Material
2x6 BC Bracing	288	2x6 DF #2

CUSTOMER APPROVAL NOTES:

DESIGN NOTES: Glulam Beams Along Gridline 3 & 5
are Sloped to Match the Roof Slope

REVISED FOR CONSTRUCTION

G2T Wall Panel BOM				
Mark	Count	MFG Length	Wall Height	Type
WP01	1	7' - 11 3/4"	7' 7 5/8" - 7' 5 3/4"	WP6
WP01A	1	7' - 11 3/4"	7' 5 3/4" - 7' 3 15/16"	WP6
WP01B	1	7' - 11 3/4"	7' 3 15/16" - 7' 2 1/16"	WP6
WP01C	1	7' - 11 3/4"	7' 2 1/16" - 7' 0 3/16"	WP6
WP01D	1	7' - 11 3/4"	7' 0 3/16" - 6' 10 3/8"	WP6
WP01E	1	7' - 11 3/4"	6' 10 3/8" - 6' 8 1/2"	WP6
WP01F	1	7' - 11 3/4"	6' 8 1/2" - 6' 6 11/16"	WP6
WP01G	1	7' - 11 3/4"	6' 6 11/16" - 6' 4 13/16"	WP6
WP01H	1	7' - 11 3/4"	6' 4 13/16" - 6' 3"	WP6
WP02	1	4' - 10 3/8"	6' 1 1/8" - 6' 0 5/8"	WP6
WP03	1	9' - 3 3/4"	11' 8 3/16" - 11' 5 13/16"	WP6
WP03A	1	9' - 3 3/4"	11' 5 1/2" - 11' 3 1/8"	WP6
WP03B	1	9' - 3 3/4"	11' 2 13/16" - 11' 0 7/16"	WP6
WP03C	1	9' - 3 3/4"	11' 0 1/8" - 10' 9 3/4"	WP6
WP03D	1	9' - 3 3/4"	10' 9 7/16" - 10' 7 1/8"	WP6
WP03E	1	9' - 3 3/4"	10' 6 13/16" - 10' 4 7/16"	WP6
WP04	1	7' - 11 3/4"	11' 10 5/8" - 11' 8 11/16"	WP6
WP05	1	2' - 2 1/8"	11' 8 11/16" - 11' 8 3/16"	WP6
WP06	1	1' - 5 3/4"	11' 5 13/16" - 11' 5 1/2"	WP6
WP06A	1	1' - 5 3/4"	11' 3 1/8" - 11' 2 13/16"	WP6
WP06B	1	1' - 5 3/4"	11' 0 7/16" - 11' 0 1/8"	WP6
WP06C	1	1' - 5 3/4"	10' 9 3/4" - 10' 9 7/16"	WP6
WP06D	1	1' - 5 3/4"	10' 7 1/8" - 10' 6 13/16"	WP6
WP07	1	8' - 8"	10' 4 7/16" - 10' 2 1/4"	WP6



G2 National

2185 Green Vista Dr. #212
Sparks, NV 89431

TA Express High Roof

CN-1637

3225 E. Rincon Rd.
Littlefield, AZ

Roof Design Loads

Building Code: 2018 IBC
LL Deflection: L/360
TL Deflection: L/240

Roof LL: 20 PSF
Roof DL: 16 PSF
Roof SL: 0 PSF
TCLL: 20 PSF
TCDL: 11 PSF
BCLL: 0 PSF
BCDL: 5 PSF

Wind Speed: 110 MPH
Wind Cat: II
Wind Exp: C
Net Uplift: Per Plans

Additional DL at any point:
(Concurrent with Base D+L Loads only)

TC: 500#
BC:

G2T Axial Load: N/A

Designer: LAF

Revision Schedule

No.	Description	Date
1	AMP-2	12/15/2022
2	OFA	1/3/2023
3	RFC	1/26/2023

PRS™ Roof Layout

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