



Addendum

Mon, Jul 03, 2023
12:46 PM PDT

Addendum

Solicitation #: IFB B23047

Addendum Title: ADDN 1: DAMAGE ASSESSMENT REPORTS FOR SILVERMAN AND DOWN WAY AND THE ENGINEERING REPORT FOR SILVERMAN

Date and Time Issued: 07/03/2023 12:41 PM PDT

Good Afternoon!

Attached please find the above-noted for your records. Also, be advised that the Pre-Bid Conference will be held on July 12, 2023, 9AM at 825 Down Way, LV, NV, 89106.

Thanks!

Linda Simpson
SNRHA Contracts Administrator

Filename	Size
 Engineering Report for 1019 Silverman.pdf	15.53 MB
 B25 Down Way Disaster Assesment.pdf	105.84 KB
 1019 Silverman Damage Assessment Report.pdf	124.92 KB

Note: One of the files available for downloading might be a ZIP file.



Garland/DBS, Inc.

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Phone: (866) 327-0306 • Fax: (216) 883-2055

**Engineering Proposal
Southern Nevada Regional Housing Authority
Sherman Garden Annex
Roof Structural Assessment**

March 6, 2023

Ms. Wanda Beckett
Southern Nevada Regional Housing Authority
340 North 11th Street #180
Las Vegas, NV 89101

Ms. Beckett,

Thank you for the opportunity to provide this engineering report. Attached herein you will find the results of the roof structural assessment for your single-story duplex located at 1019 Silverman Way in Las Vegas, NV. The report for this effort is attached at the end of this summary letter. Please refer to the report for additional information and repair details.

1. Site Observations:
 - a. Only the immediate affected area surrounding the damage caused by the fallen tree was observed during the site visit.
 - b. Two identical trusses were found to be damaged requiring repairs.
 - c. The roof covering in these areas of impact was also found to be damaged requiring repairs / replacement in kind.
2. Conclusions and Recommendations
 - a. A structural analysis was performed on the damaged trusses to determine the extent of necessary repairs. The following is a list of these repairs:
 - i. A number of truss section members (that make up each truss) are required to be replaced in kind.
 - ii. New truss connections for these repairs are designed to consist of $\frac{3}{4}$ " plywood gussets fastened with screws.
 - iii. Detail sketches of these repairs along with a partial framing plan locating these repairs are included in the attached report.

Please let us know if you have any questions or concerns.

Sincerely,

John Guy
Garland Engineering Services

**STRUCTURAL CALCULATIONS
FOR THE
TRUSS REPAIR AT
THE SHERMAN GARDEN ANNEX**

**1019 SILVERMAN WAY
LAS VEGAS, NV 89106**

**CLARK COUNTY
NEVADA**

Issue Date:

2/27/2023

Submittal:

HUD Review



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2.27.23

Linchpin Project No.

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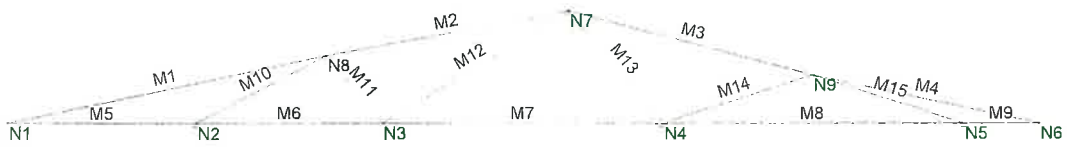
TRUSS REPAIR AT
THE SHERMAN GARDEN ANNEX
Linchpin Project No. 23-026
Engineer: JMV
2/27/2023

PROJECT DESCRIPTION:

- A tree fell on the roof of a single-story duplex. On December 1st, 2022 Linchpin visited the residence to document the damage. From visual observation of the interior opened ceiling - one truss is destroyed from the ridge over and an adjacent truss has minor damage. The affected trusses are identical. A gravity analysis was performed on the truss to review forces in the members. Truss members will be replaced in kind and connections will consist of 3/4" plywood gussets with screws, there also is an existing RTU curb that is to be observed during construction. Detail sketches are provided for construction.

Table of Contents

Truss Graphic	1.00
Truss Analysis	2.00
Detail Sketches	3.00



MODEL

Feb 24, 2023 at 2:12 PM

SHERMAN TRUSS.r2d

Wood Material Properties

	Label	Type	Database	Species	Grade	Cm	Ci	Emod	Nu	Therm (/...)	Dens[k/ft...
1	DF	Solid Sa...	Visually ...	Douglas Fir-Larch	No.1			1	0.3	0.3	0.035

Wood Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	I (90,270) ...I (0,180) [i...
1	TOP CHORD	2X4	Beam	Rectangular	DF	Typical	5.25	0.984 5.359
2	BOTTOM C...	2X4	Beam	Rectangular	DF	Typical	5.25	0.984 5.359
3	WEB CHOR...	2X4	VBrace	Rectangular	DF	Typical	5.25	0.984 5.359

Wood Design Parameters

	Label	Shape	Length[ft]	Le-out[ft]	Le-in[ft]	le-bend to...	le-bend bo...	K-out	K-in	CV	Cr	Out sway	In sway
1	M1	TOP CHO...	8.69	1					1				
2	M2	TOP CHO...	6.609	1					1				
3	M3	TOP CHO...	6.725	1					1				
4	M4	TOP CHO...	6.134	1					1				
5	M5	BOTTOM ...	5	1					1				
6	M6	BOTTOM ...	5	1					1				
7	M7	BOTTOM ...	7.5	1					1				
8	M8	BOTTOM ...	8	1					1				
9	M9	BOTTOM ...	2	1					1				
10	M10	WEB CHO...	3.939						1				
11	M11	WEB CHO...	2.348						1				
12	M12	WEB CHO...	5.831						1				
13	M13	WEB CHO...	3.905						1				
14	M14	WEB CHO...	4.198						1				
15	M15	WEB CHO...	4.198						1				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Temp [F]
1	N1	0	0	0
2	N2	5	0	0
3	N3	10	0	0
4	N4	17.5	0	0
5	N5	25.5	0	0
6	N6	27.5	0	0
7	N7	15	3	0
8	N8	8.5	1.807	0

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Temp [F]
9	N9	21.5	1.275	0

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Joint	Point	Distributed
1	DEAD	DL		-1			9
2	ROOF LIVE	RLL					4
3	WIND	WL					6

Load Combinations

	Descript...	Solve	PDelta	SR...	BLC Fac...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	
1	IBC 16-8	Yes			DL	1														
2	IBC 16-9	Yes			DL	1	LL	1	LLS	1										
3	IBC 16-...	Yes			DL	1	RLL	1												
4	IBC 16-...	Yes			DL	1	SL	1	S...	1										
5	IBC 16-...	Yes			DL	1	RL	1												
6	IBC 16-...	Yes			DL	1	LL	0.75	LLS	0.75	RLL	0.75								
7	IBC 16-...	Yes			DL	1	LL	0.75	LLS	0.75	SL	0.75	S...	0.75						
8	IBC 16-...	Yes			DL	1	LL	0.75	LLS	0.75	RL	0.75								
9	IBC 16-...	Yes			DL	1	WL	0.6												
10	IBC 16-...	Yes			DL	1	WL	-0.6												
11	IBC 16-...	Yes			DL	1	WL	0.45	LL	0.75	LLS	0.75	RLL	0.75						
12	IBC 16-...	Yes			DL	1	WL	-0.45	LL	0.75	LLS	0.75	RLL	0.75						
13	IBC 16-...	Yes			DL	1	WL	0.45	LL	0.75	LLS	0.75	SL	0.75	S...	0.75				
14	IBC 16-...	Yes			DL	1	WL	-0.45	LL	0.75	LLS	0.75	SL	0.75	S...	0.75				
15	IBC 16-...	Yes			DL	1	WL	0.45	LL	0.75	LLS	0.75	RL	0.75						
16	IBC 16-...	Yes			DL	1	WL	-0.45	LL	0.75	LLS	0.75	RL	0.75						
17	IBC 16-...	Yes			DL	0.6	WL	0.6												
18	IBC 16-...	Yes			DL	0.6	WL	-0.6												

Member Distributed Loads (BLC 1 : DEAD)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,%]	End Locati...	Inactive
1	M1	Y	-0.02	-0.02	0	100	
2	M2	Y	-0.02	-0.02	0	100	
3	M3	Y	-0.02	-0.02	0	100	
4	M4	Y	-0.02	-0.02	0	100	
5	M5	Y	-0.01	-0.01	0	100	
6	M6	Y	-0.01	-0.01	0	100	
7	M7	Y	-0.01	-0.01	0	100	
8	M8	Y	-0.01	-0.01	0	100	
9	M9	Y	-0.01	-0.01	0	100	

Member Distributed Loads (BLC 2 : ROOF LIVE)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,%]	End Locati...	Inactive
1	M1	Y	-0.04	-0.04	0	100	
2	M2	Y	-0.04	-0.04	0	100	
3	M4	Y	-0.04	-0.04	0	100	
4	M3	Y	-0.04	-0.04	0	100	

Member Distributed Loads (BLC 3 : WIND)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,%]	End Locati...	Inactive
1	M1	Y	0.1	0.1	0	5.11	

Member Distributed Loads (BLC 3 : WIND) (Continued)

Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,%]	End Locati...	Inactive
2	M1	Y	0.016	0.016	5.11	0
3	M2	Y	0.016	0.016	0	0
4	M3	Y	0.016	0.016	0	0
5	M4	Y	0.016	0.016	0	%70
6	M4	Y	0.1	0.1	%70	0

Envelope Node Reactions

Node Label	X [k]	LC	Y [k]	LC	Moment [k-ft]	LC		
1	N2	max	0.26	11	1.025	12	0	18
2		min	-0.096	18	-0.168	17	0	1
3	N4	max	0.071	12	0.873	3	0	18
4		min	-0.053	17	0.13	17	0	1
5	N5	max	0.043	18	0.394	12	0	18
6		min	-0.252	11	-0.019	17	0	1
7	Totals:	max	0	6	2.251	12		
8		min	0	12	-0.056	17		

Envelope Member Section Forces

Member	Sec	Axial[k]	LC	Shear[k]	LC	Moment[k-ft]	LC	
M1	1	max	0.52	17	0.379	12	0.4	12
	2	min	-1.356	12	-0.174	17	-0.178	17
	3	max	0.541	17	0.175	12	0.092	17
	4	min	-1.4	12	-0.074	17	-0.202	12
	5	max	0.562	17	0.027	17	0.143	17
	6	min	-1.443	12	-0.033	10	-0.36	12
	7	max	0.569	17	0.058	17	0.025	17
	8	min	-1.476	12	-0.182	12	-0.11	12
	9	max	0.568	17	0.051	17	0.421	12
	10	min	-1.502	12	-0.307	12	-0.093	17
M2	1	max	0.407	11	0.23	12	0.421	12
	2	min	-0.069	18	-0.01	17	-0.093	17
	3	max	0.394	11	0.135	12	0.12	12
	4	min	-0.075	18	-0.015	17	-0.072	17
	5	max	0.381	11	0.04	12	0.02	18
	6	min	-0.082	18	-0.02	17	-0.071	11
	7	max	0.368	11	-0.005	18	-0.002	18
	8	min	-0.089	18	-0.075	3	-0.016	3
	9	max	0.355	11	-0.031	17	0.191	3
	10	min	-0.095	18	-0.175	3	0.037	18
M3	1	max	0.089	17	0.194	3	0.191	3
	2	min	-0.551	12	0.018	17	0.037	18
	3	max	0.091	17	0.095	3	0.017	17
	4	min	-0.526	12	0.012	17	-0.064	12
	5	max	0.092	17	0.007	17	0	17
	6	min	-0.501	12	-0.01	12	-0.127	3
	7	max	0.093	17	0.002	17	-0.007	18
	8	min	-0.475	12	-0.105	12	-0.035	3
	9	max	0.095	17	-0.003	17	0.228	12
	10	min	-0.45	12	-0.204	3	-0.007	17
M4	1	max	0.253	17	0.195	3	0.228	12
	2	min	-0.529	12	0.002	17	-0.007	17
	3	max	0.254	17	0.104	12	0.004	18
	4	min	-0.51	12	-0.003	17	-0.007	11
	5	max	0.255	17	0.017	12	0.003	17

Envelope Member Section Forces (Continued)

Member	Sec		Axial[k]	LC	Shear[k]	LC	Moment[k-ft]	LC	
36		min	-0.491	12	-0.008	17	-0.092	12	
37	4	max	0.253	17	0.002	17	0.016	17	
38		min	-0.47	12	-0.082	12	-0.049	12	
39	5	max	0.238	17	0.073	17	0.188	12	
40		min	-0.44	12	-0.227	12	-0.042	17	
41	M5	1	max	1.406	12	0.062	17	0.178	17
42		min	-0.545	17	-0.089	12	-0.4	12	
43	2	max	1.406	12	0.054	17	0.105	17	
44		min	-0.545	17	-0.103	12	-0.279	12	
45	3	max	1.406	12	0.045	17	0.043	17	
46		min	-0.545	17	-0.117	12	-0.142	12	
47	4	max	1.406	12	0.037	17	0.014	12	
48		min	-0.545	17	-0.131	12	-0.008	17	
49	5	max	1.406	12	0.028	17	0.187	12	
50		min	-0.545	17	-0.145	12	-0.049	17	
51	M6	1	max	-0.006	18	0.066	12	0.187	12
52		min	-0.175	11	0.001	17	-0.049	17	
53	2	max	-0.006	18	0.052	12	0.113	12	
54		min	-0.175	11	-0.008	17	-0.044	17	
55	3	max	-0.006	18	0.038	12	0.057	12	
56		min	-0.175	11	-0.016	17	-0.029	17	
57	4	max	-0.006	18	0.024	12	0.019	12	
58		min	-0.175	11	-0.027	9	-0.003	17	
59	5	max	-0.006	18	0.01	12	0.043	9	
60		min	-0.175	11	-0.041	9	-0.003	18	
61	M7	1	max	0.117	11	0.039	9	0.043	9
62		min	0.004	18	0.02	18	-0.003	18	
63	2	max	0.117	11	0.018	9	-0.001	17	
64		min	0.004	18	0.007	18	-0.045	12	
65	3	max	0.117	11	-0.001	17	-0.011	17	
66		min	0.004	18	-0.009	12	-0.049	12	
67	4	max	0.117	11	-0.014	17	0.003	17	
68		min	0.004	18	-0.03	12	-0.012	12	
69	5	max	0.117	11	-0.026	17	0.067	9	
70		min	0.004	18	-0.051	12	0.038	18	
71	M8	1	max	0	18	0.049	9	0.067	9
72		min	0	1	0.024	18	0.038	18	
73	2	max	0	18	0.027	9	0.004	12	
74		min	0	1	0.011	18	-0.009	9	
75	3	max	0	18	0.004	9	-0.006	18	
76		min	0	1	-0.004	12	-0.04	9	
77	4	max	0	18	-0.01	17	0.02	12	
78		min	0	1	-0.027	12	-0.025	9	
79	5	max	0	18	-0.023	17	0.095	12	
80		min	0	1	-0.049	12	0.011	17	
81	M9	1	max	0.477	12	0.153	12	0.095	12
82		min	-0.248	17	-0.009	17	0.011	17	
83	2	max	0.477	12	0.147	12	0.026	9	
84		min	-0.248	17	-0.012	17	0.014	18	
85	3	max	0.477	12	0.142	12	0.023	17	
86		min	-0.248	17	-0.016	17	-0.052	12	
87	4	max	0.477	12	0.136	12	0.032	17	
88		min	-0.248	17	-0.019	17	-0.122	12	
89	5	max	0.477	12	0.13	12	0.042	17	
90		min	-0.248	17	-0.022	17	-0.188	12	
91	M10	1	max	1.768	12	0.002	1	0	1
92		min	-0.307	17	0.001	18	0	1	

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	Shear[k]	LC	Moment[k-ft]	LC
93		2	max	1.768	12	0.001	1	-0.001	18
94			min	-0.307	17	0.001	18	-0.002	1
95		3	max	1.767	12	0	1	-0.001	18
96			min	-0.308	17	0	1	-0.002	1
97		4	max	1.767	12	-0.001	17	-0.001	18
98			min	-0.308	17	-0.001	12	-0.002	1
99		5	max	1.766	12	-0.001	17	0	1
100			min	-0.308	17	-0.002	12	0	1
101	M11	1	max	0.112	3	0.001	11	0	1
102			min	-0.007	18	0.001	18	0	1
103		2	max	0.113	3	0	11	0	18
104			min	-0.007	18	0	18	0	11
105		3	max	0.113	3	0	1	0	18
106			min	-0.007	18	0	1	-0.001	11
107		4	max	0.114	3	0	17	0	18
108			min	-0.006	18	0	6	0	11
109		5	max	0.115	3	-0.001	17	0	1
110			min	-0.006	18	-0.001	6	0	1
111	M12	1	max	-0.015	18	0.003	3	0	1
112			min	-0.267	11	0.002	17	0	1
113		2	max	-0.016	18	0.002	3	-0.002	17
114			min	-0.268	11	0.001	17	-0.003	3
115		3	max	-0.017	18	0	1	-0.003	17
116			min	-0.269	11	0	1	-0.005	3
117		4	max	-0.017	18	-0.001	18	-0.002	17
118			min	-0.27	11	-0.002	14	-0.003	3
119		5	max	-0.018	18	-0.002	18	0	1
120			min	-0.271	11	-0.003	14	0	1
121	M13	1	max	0.744	3	0.002	6	0	1
122			min	0.071	17	0.001	17	0	1
123		2	max	0.745	3	0.001	6	-0.001	17
124			min	0.071	17	0	17	-0.001	6
125		3	max	0.746	3	0	1	-0.001	17
126			min	0.072	17	0	1	-0.002	6
127		4	max	0.747	3	0	18	-0.001	17
128			min	0.073	17	-0.001	3	-0.001	6
129		5	max	0.748	3	-0.001	18	0	1
130			min	0.073	17	-0.002	3	0	1
131	M14	1	max	0.666	3	0.003	12	0	1
132			min	0.049	17	0.002	18	0	1
133		2	max	0.666	3	0.001	12	-0.001	18
134			min	0.049	17	0.001	18	-0.002	12
135		3	max	0.666	3	0	1	-0.002	18
136			min	0.049	17	0	1	-0.003	12
137		4	max	0.665	3	-0.001	17	-0.001	18
138			min	0.048	17	-0.001	3	-0.002	12
139		5	max	0.665	3	-0.002	17	0	1
140			min	0.048	17	-0.003	3	0	1
141	M15	1	max	0.622	12	0.003	6	0	1
142			min	-0.117	17	0.002	17	0	1
143		2	max	0.623	12	0.001	6	-0.001	17
144			min	-0.117	17	0.001	17	-0.002	6
145		3	max	0.623	12	0	1	-0.002	17
146			min	-0.116	17	0	1	-0.003	6
147		4	max	0.624	12	-0.001	18	-0.001	17
148			min	-0.116	17	-0.001	3	-0.002	6
149		5	max	0.624	12	-0.002	18	0	1



Company :
 Designer :
 Job Number :
 Model Name :

Feb 24, 2023
 5:04 PM
 Checked By: _____

Envelope Member Section Forces (Continued)

Member	Sec	Axial[k]	LC	Shear[k]	LC	Moment[k-ft]	LC
150	min	-0.116	17	-0.003	3	0	1

Envelope Wood Code Checks

Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Loc[ft]	LC	Fc' [...]	Ft' [k...]	Fb' [...]	Fv' [...]	RB	CL	CP	Eqn	
1	M1	2X4	0.892	8.69	3	0.376	0	12	0.539	1.266	1.816	0.288	12.736	0.968	0.25	3.9-1
2	M2	2X4	0.807	0	3	0.284	0	3	0.875	1.266	1.835	0.225	11.107	0.979	0.406	3.9-3
3	M3	2X4	0.526	6.725	3	0.259	6.725	3	0.85	1.266	1.834	0.225	11.204	0.978	0.394	3.9-1
4	M4	2X4	0.525	0	3	0.247	0	3	0.987	1.266	1.839	0.225	10.701	0.981	0.458	3.9-1
5	M5	2X4	0.823	0	12	0.144	5	12	1.43	1.62	2.351	0.288	9.661	0.98	0.518	3.9-3
6	M6	2X4	0.319	0	12	0.069	0	3	1.43	1.62	2.351	0.225	9.661	0.98	0.518	3.9-1
7	M7	2X4	0.195	7.5	1	0.084	7.5	1	0.67	0.911	1.328	0.162	11.832	0.984	0.432	3.9-3
8	M8	2X4	0.192	0	1	0.081	0	1	0.602	0.911	1.326	0.162	12.22	0.982	0.388	3.9-3
9	M9	2X4	0.333	2	3	0.167	0	3	2.019	1.266	1.865	0.225	6.11	0.995	0.937	3.9-3
10	M10	2X4	0.684	0	12	0.004	3.939	1	0.493	1.62	2.364	0.162	8.575	0.985	0.179	3.6.3
11	M11	2X4	0.019	2.348	3	0.002	2.348	1	1.169	1.266	1.864	0.162	6.621	0.994	0.542	3.6.3
12	M12	2X4	0.047	2.976	3	0.006	5.831	1	0.229	1.266	1.841	0.162	10.433	0.982	0.106	3.9-1
13	M13	2X4	0.288	3.905	3	0.003	3.905	1	0.494	1.266	1.854	0.162	8.538	0.989	0.229	3.6.3
14	M14	2X4	0.294	0	3	0.005	4.198	1	0.431	1.266	1.853	0.162	8.853	0.988	0.2	3.6.3
15	M15	2X4	0.273	4.198	12	0.005	4.198	1	0.436	1.62	2.361	0.162	8.853	0.984	0.158	3.6.3

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TRUSS REPAIR AT
 THE SHERMAN GARDEN ANNEX
 Linchpin Project No. 23-026
 Engineer: JMV
 2/27/2023

Fastener Yield Limits - Single Shear	SDS25212 (1/4" x 2-1/2")	
Fastener Diameter, D	0.25	in
F_{yb}	164000	psi
$F_{em-perp}$	4450	psi
$F_{em-parr}$	5600	psi
$F_{es-perp}$	4450	psi
$F_{es-parr}$	5600	psi
θ_m	0	degrees
θ_s	45	degrees (Worst case scenario)
Side Member Thickness	0.75	in
Fastener Length	2.5	in

$F_{em\theta}$	5600	psi
$F_{es\theta}$	4959	psi
K_D	NA	
K_θ	1.125	
R_e	1.129213483	
l_s	0.75	in
l_m	1.75	in
R_t	2.333333333	
k_1	0.862	
k_2	1.357	
k_3	2.250	

Yield Mode	R_d	Z	
Im	4.5	544	lb
Is	4.5	207	lb
II	4.05	198	lb
III _m	3.6	283	lb
III _s	3.6	210	lb
IV	3.6	294	lb
Control		198	lb

WHERE WIND acts on member CD=1.6 will be used

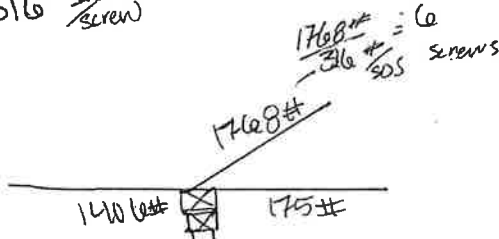
$$M_1 = \frac{1502\#}{198 \times 1.6 \frac{\#}{\text{screw}}} = \text{approx } 5 \text{ screws}$$

$$M_1 = 1502\#$$

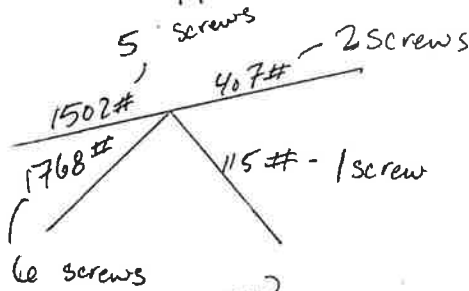
Connection #1 $M_5 = 1406\#$

$$\frac{1406\#}{316 \frac{\#}{\text{screw}}} = 5 \text{ screws}$$

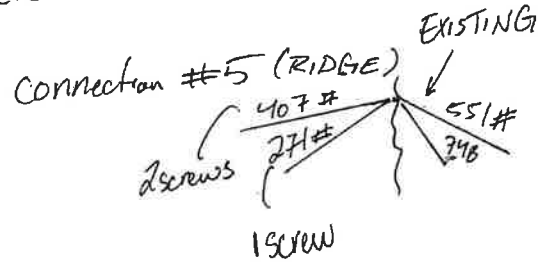
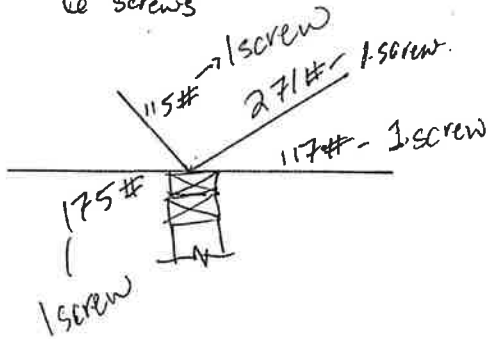
Connection #2



Connection #3

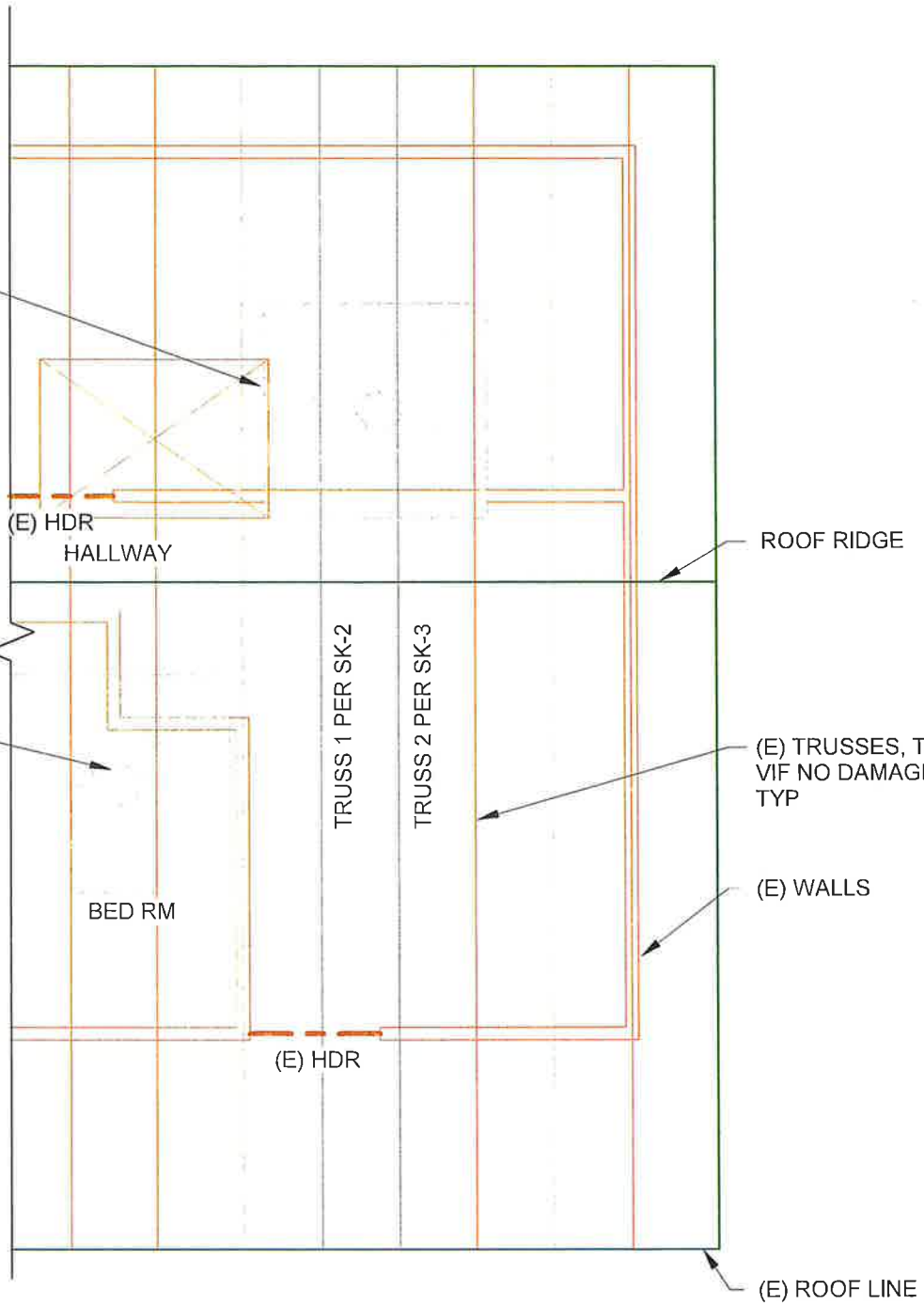


Connection #4



(E) RTU. CONTRACTOR TO VERIFY CURB CONNECTION IS ADEQUATE. (COORDINATE OBSERVATION WITH ENGINEER)

FIELD VERIFY DAMAGED ROOF SHEATHING PANELS. REPLACE IN KIND 2ft EA WAY FROM DAMAGE OR TO PANEL EDGE w/ 8d COMMON NAILS at 6" OC EDGE NAILING, TYP



PARTIAL ROOF FRAMING PLAN
1/4" = 1'-0"

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SHERMAN ANNEX TRUSS

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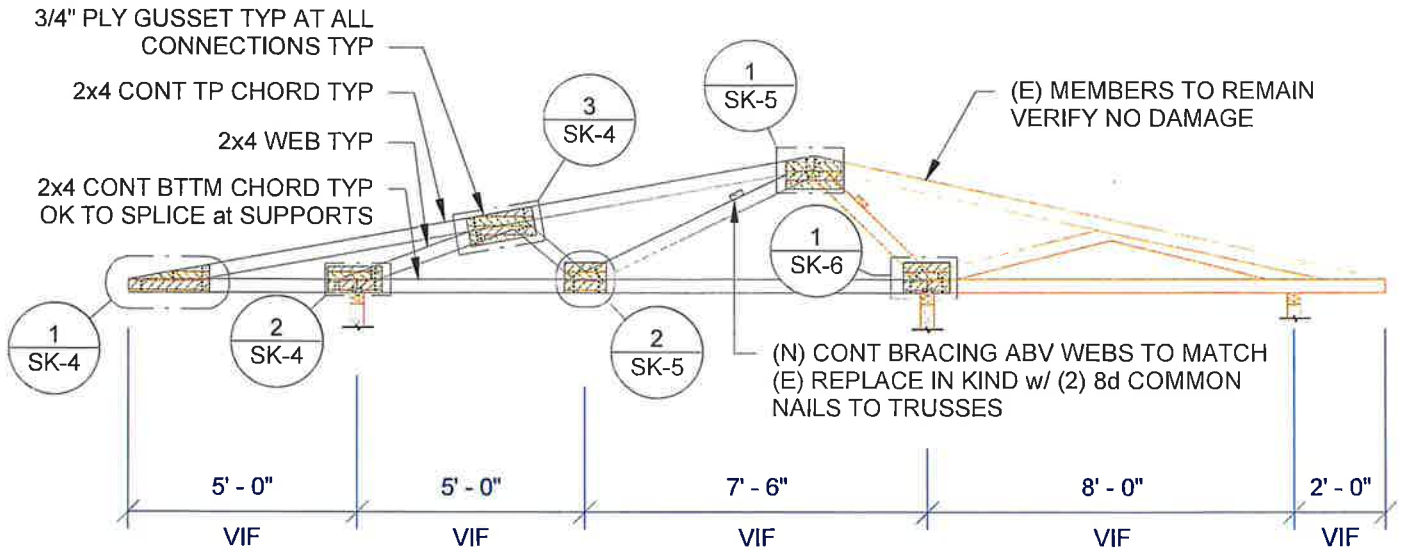
PARTIAL ROOF FRAMING PLAN

PROJECT# 23-026
DATE 2/27/2023

Scale AS SHOWN

SK-1

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NOTES:

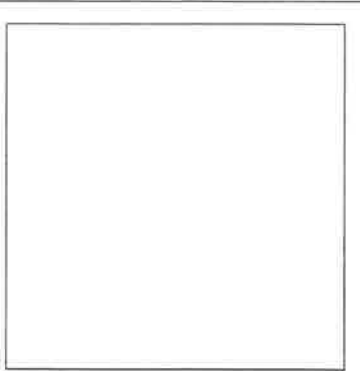
- 1) ALL TRUSS MEMBERS TO BE DOUG-FIR LARCH NO.1
- 2) SDS25212 (1/4"x2-1/2") SCREWS TO BE USED UNLESS NOTED OTHERWISE. EDGE AND END SPACING FOR SCREWS TO BE TYPICAL ALL AROUND UNLESS NOTED OTHERWISE.
- 3) CONNECTION DETAILS SHOW MINIMUM NUMBER OF SCREWS NEEDED. BUILDER ALLOWED TO USE MORE AS NEEDED AS LONG AS SPACING & DISTANCE REQUIREMENTS ARE MET.

TRUSS 1

1/4" = 1'-0"

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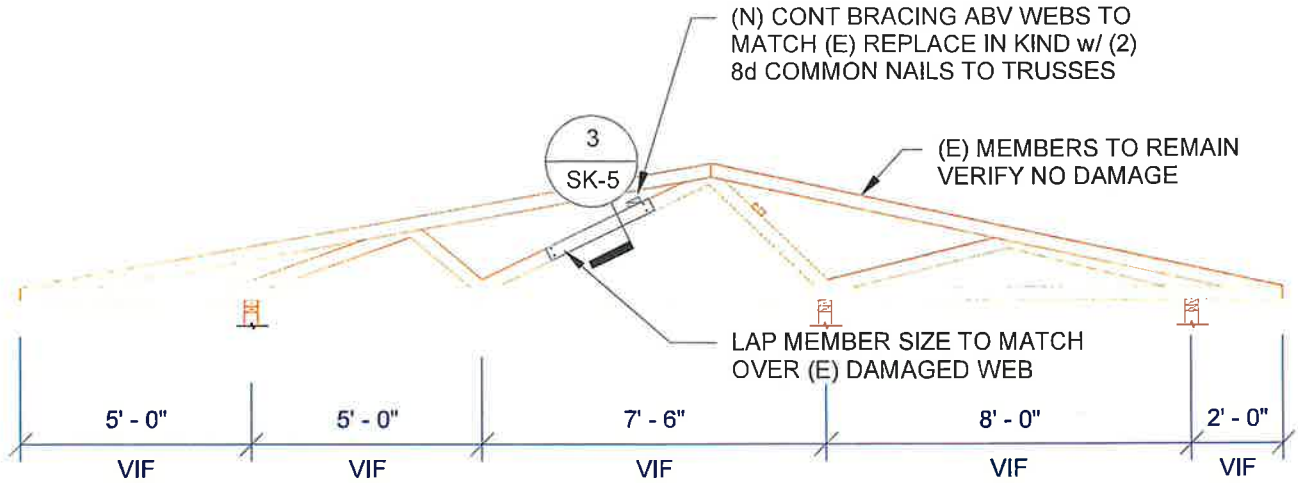
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SHERMAN ANNEX TRUSS

1019 SILVERMAN WAY
 LAS VEGAS, NV 89106

TRUSS 1 PROFILE		Scale AS SHOWN
PROJECT#	23-026	SK-2
DATE	2/27/2023	
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NOTES:

- 1) ALL TRUSS MEMBERS TO BE DOUG-FIR LARCH NO.1
- 2) SDS25212 (1/4"x2-1/2") SCREWS TO BE USED UNLESS NOTED OTHERWISE. EDGE AND END SPACING FOR SCREWS TO BE TYPICAL ALL AROUND UNLESS NOTED OTHERWISE.
- 3) CONNECTION DETAILS SHOW MINIMUM NUMBER OF SCREWS NEEDED. BUILDER ALLOWED TO USE MORE AS NEEDED AS LONG AS SPACING & DISTANCE REQUIREMENTS ARE MET.

TRUSS 2
 1/4" = 1'-0"

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**SHERMAN ANNEX
 TRUSS**

1019 SILVERMAN WAY
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TRUSS 2 PROFILE

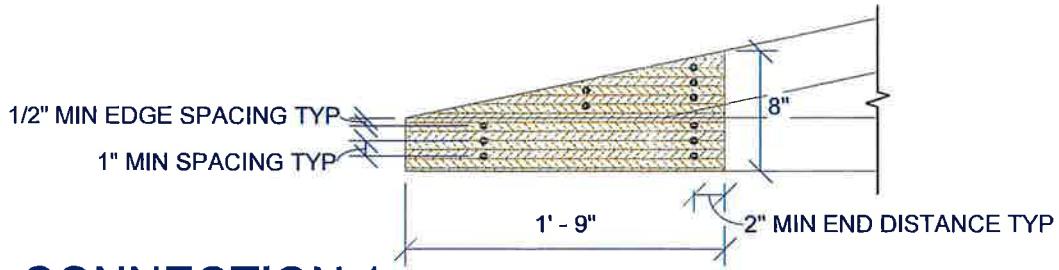
Scale AS SHOWN

PROJECT# 23-026

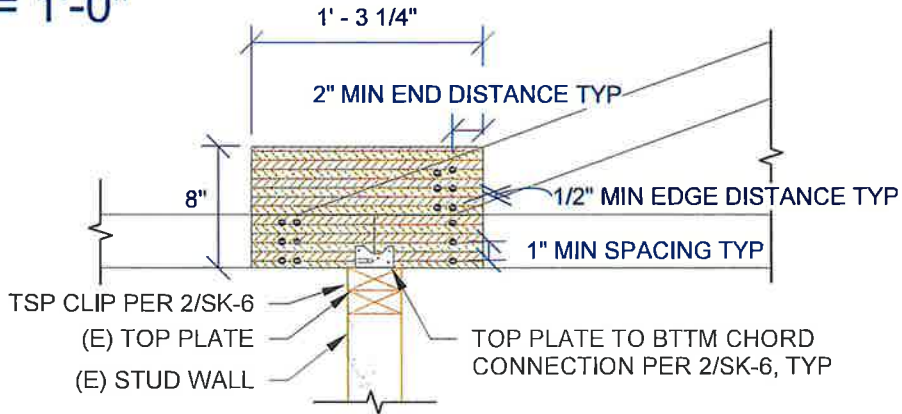
DATE 2/27/2023

SK-3

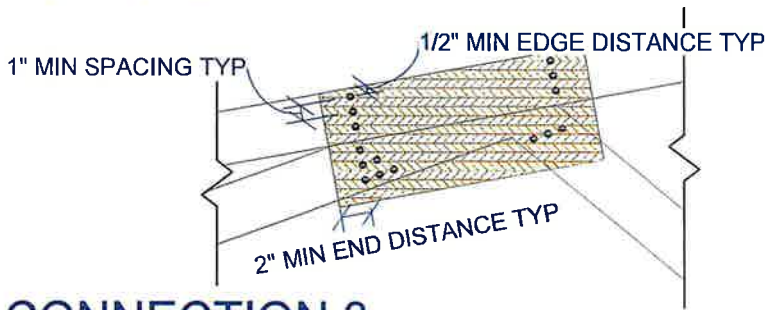
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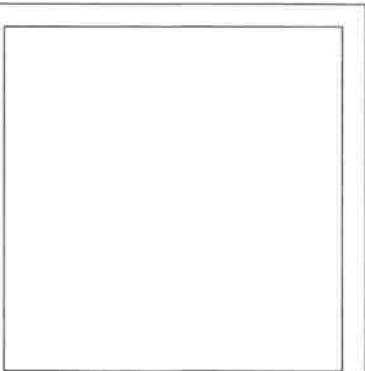
1 CONNECTION 1
1" = 1'-0"



2 CONNECTION 2
1" = 1'-0"



3 CONNECTION 3
1" = 1'-0"



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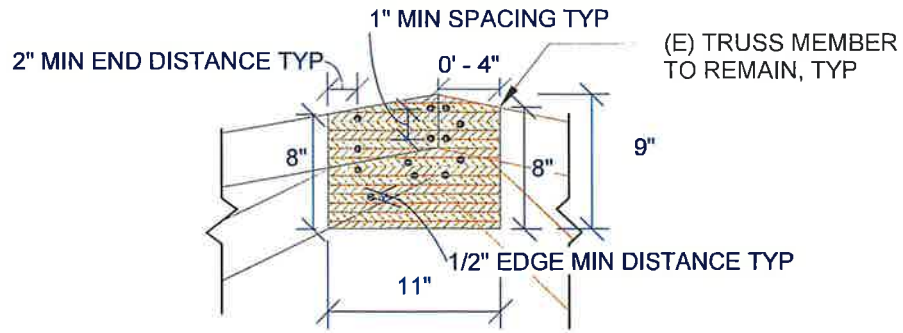
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**SHERMAN ANNEX
TRUSS**

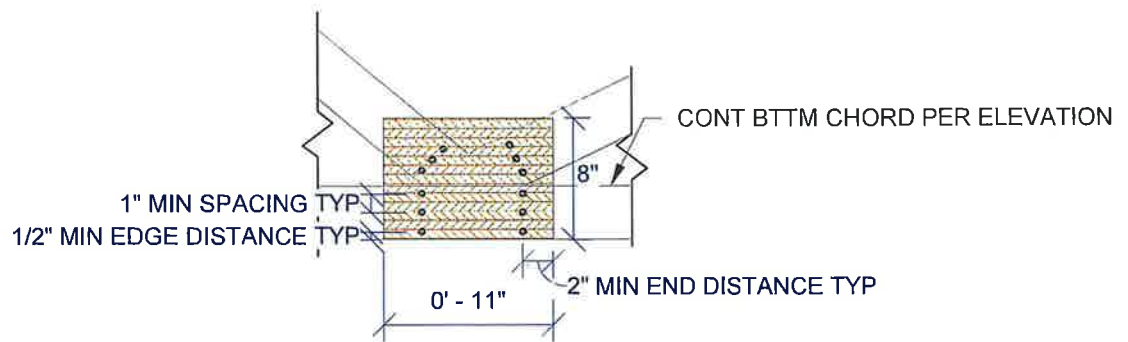
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CONNECTION DETAILS		Scale AS SHOWN
PROJECT#	23-026	SK-4
DATE	2/27/2023	
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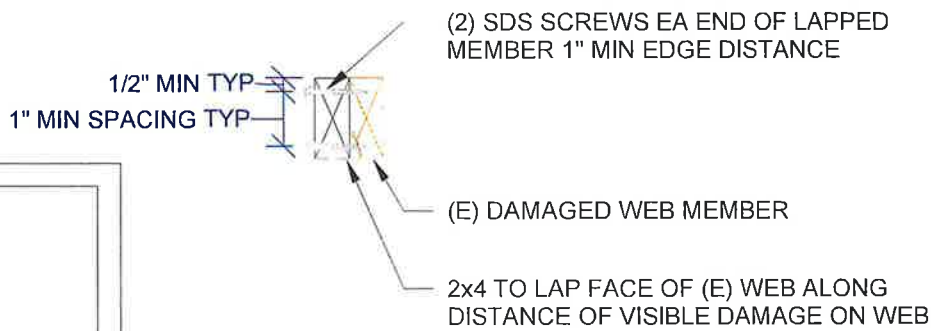
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1 CONNECTION 5
1" = 1'-0"



2 CONNECTION 4
1" = 1'-0"



3 DAMAGED WEB REPAIR
1 1/2" = 1'-0"

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SHERMAN ANNEX TRUSS

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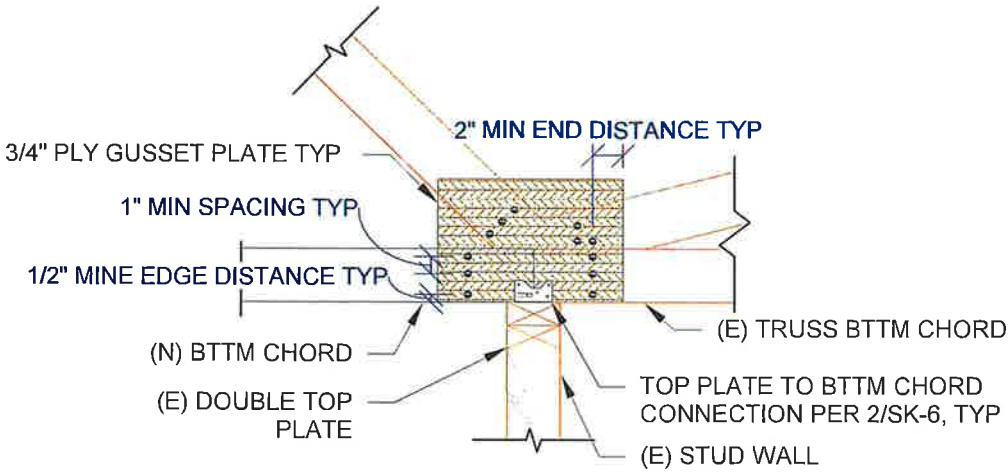
CONNECTION DETAILS

PROJECT# 23-026
DATE 2/27/2023

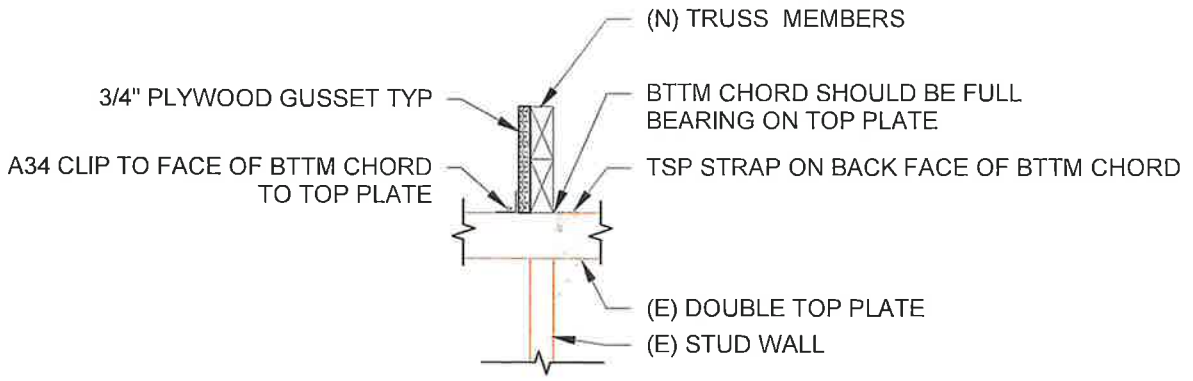
Scale AS SHOWN

SK-5

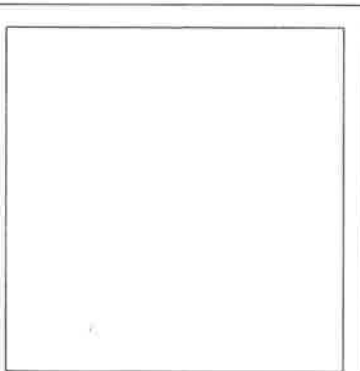
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1 (N) BTTM CHORD TO (E) BTTM CHORD
 1" = 1'-0"



2 TRUSS TO TP CONNECTION
 1" = 1'-0"



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SHERMAN ANNEX
TRUSS

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CONNECTION DETAILS		Scale AS SHOWN
PROJECT#	23-026	SK-6
DATE	2/27/2023	
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DAMAGE ASSESSMENT INSPECTION REPORT
DEPARTMENT OF BUILDING AND SAFETY

MAP # 2324-67
DATE: 4/6/2023
MTG # 23-00096
[FIRE]
[WATER]
[OTHER]

[X] COLLECT \$: 344.00 FEE W/PERMIT

INSPECTOR #: 10 BLDG POSTED: 04-12-23

ADDRESS: 825 DOWN WAY

NAME OF BUSINESS: SNVRHA

OWNER/REPRESENTATIVE: FRANK STAFFORD PHONE # 702-303-2426

USE OF BUILDING: [X] APT/CONDO [] COMMERCIAL [] SFD [] VEHICLE [] WALL

DESCRIBE SPECIFIC AREAS POSTED: ENTIRE UNIT

The items identified below need to be addressed in order to be in compliance. If an item that is marked "P" needs to be submitted for plan review and if it is marked "I" it needs to be provided to the inspector in the field once the permit is issued.

BUILDING:

P I

- 1. [] [] Replace Drywall; Ceiling Panels: ENTIRE UNIT
2. [] [] Replace Roof/Sheathing: N/A
3. [] [] Replace Framing: MISC FRAMING
4. [] [] Replace Windows; Doors: REPLACE ALL DAMAGED WINDOWS AND DOORS
5. [] [] Slab Damage: N/A
6. [] [] Replace Rafters or Trusses: N/A
7. [] [] Replace or Repair Stucco: N/A
8. [] [] Other: INSULATION

PLUMBING/MECHANICAL

- 1. [] [] Replace Gas Pipe: GAS/TEST AND TAG
2. [] [] Replumb Rooms: REPAIR DAMAGED DWV OR WATER LINES AS NEEDED
3. [] [] Replace Fixtures: CLEAN OR REPLACE
4. [] [] Replace AC Unit(s): HVAC CONTRACTOR TO CLEAN OR REPLACE RTU
5. [] [] Replace Ducts: HVAC CONTRACTOR TO CLEAN OR REPLACE DUCTWORK (SAME FOR SAME)
6. [] [] Replace Hood: KITCHEN
7. [] [] Other: N/A

ELECTRICAL

- 1. [] [] Replace Service: ELECTRICAL CONTRACTOR TO TEST AND VERIFY ELECTRICAL SERVICE
2. [] [] Rewire Rooms: ELECTRICAL CONTRACTOR TO TEST AND VERIFY ELECTRICAL SYSTEM OR REPLACE ALL ELECTRICAL
3. [] [] Other: ADD HARD WIRED INTERCONNECTED SMOKE DETECTORS

COMMENTS & RECOMMENDATIONS:

REQUIRED INSPECTIONS: 120, 123, 140, 540, 220, 240, 320, 340, 420, 423, 440

NO PLANS REQUIRED

ESTIMATED DAMAGE TO STRUCTURE:

WALL [] 10% or Less [X] 10%-25% [] 25% - 50% [] 50% - 75% [] 75% or more (new structure to be built)

PERMITS ARE REQUIRED FOR REPAIRS OF BUILDING, ELECTRICAL, PLUMBING AND MECHANICAL DAMAGE
FOR FURTHER INFORMATION, CALL THE CITY OF LAS VEGAS BUILDING DEPARTMENT AT 702.229.6251.



DAMAGE ASSESSMENT INSPECTION REPORT
DEPARTMENT OF BUILDING AND SAFETY

MAP # 02204-84
DATE: 7-11-21
MTG # 21-06239
[X] FIRE
[X] WATER
[X] OTHER W. NO Damage

COLLECT \$: 344 FEE W/PERMIT

INSPECTOR #: 20 BLDG POSTED:
ADDRESS: 1019 SILVERMAN

NAME OF BUSINESS:
OWNER/REPRESENTATIVE: PHONE # (702) 429-1458

USE OF BUILDING: [X] APT/CONDO [] COMMERCIAL [] SFD [] VEHICLE [] WALL

DESCRIBE SPECIFIC AREAS POSTED:

The items identified below need to be addressed in order to be in compliance. It an item that is marked "P" needs to be submitted for plan review and if it is marked "I" it needs to be provided to the inspector in the field once the permit is issued.

BUILDING:

- 1. [] [] Replace Drywall; Ceiling Panels: 8-4x8 3/8 Plywood II
2. [] [] Replace Roof/Sheathing: 10-4x8 5/8 Roof Sheathing
3. [] [] Replace Framing: 30 LINE OF 2x4
4. [] [] Replace Windows; Doors: N/A
5. [] [] Slab Damage: N/A
6. [] [] Replace Rafters or Trusses: 2- POSSIBLE NEW TRUSSES OR REPAIR
7. [] [] Replace or Repair Stucco: NA
8. [] [] Other:

PLUMBING/MECHANICAL

- 1. [] [] Replace Gas Pipe: N/A
2. [] [] Replumb Rooms: N/A
3. [] [] Replace Fixtures: N/A
4. [] [] Replace AC Unit(s): NGU1 ROOF TOP AC/HEATING UNIT
5. [] [] Replace Ducts: 20' FLEX DUCT
6. [] [] Replace Hood: NA
7. [] [] Other:

ELECTRICAL

- 1. [] [] Replace Service: NA
2. [] [] Rewire Rooms:
3. [] [] Other:

COMMENTS & RECOMMENDATIONS:

INSPECTIONS 107, 140, 340

ESTIMATED DAMAGE TO STRUCTURE:

WALL [X] 10% or Less [] 10%-25% [] 25% - 50% [] 50% - 75% [] 75% or more (new structure to be built)

PERMITS ARE REQUIRED FOR REPAIRS OF BUILDING, ELECTRICAL, PLUMBING AND MECHANICAL DAMAGE
FOR FURTHER INFORMATION, CALL THE CITY OF LAS VEGAS BUILDING DEPARTMENT AT 702.229.6251.

EMEDINA@SNVHA.ORG