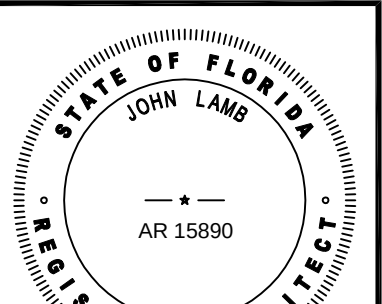


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A NEW WORKSHOP FOR

ANDREW MYERS

108 SE TURTLE GLEN

LAKE CITY, FLORIDA.

ARCHTYPE
DESIGN
INC.

JOHN LAMB

(954) 978-9340

5485 WILES ROAD SUITE 407

COCONUT CREEK, FL. 33073

AA0003503

AR0015890

DRAWN

STRIVE S.

CHECKED

JOHN L.

DATE

2-15-2024

SCALE

AS NOTED

JOB NO.

202-24

SHEET

A-4

ELECTRICAL PLAN

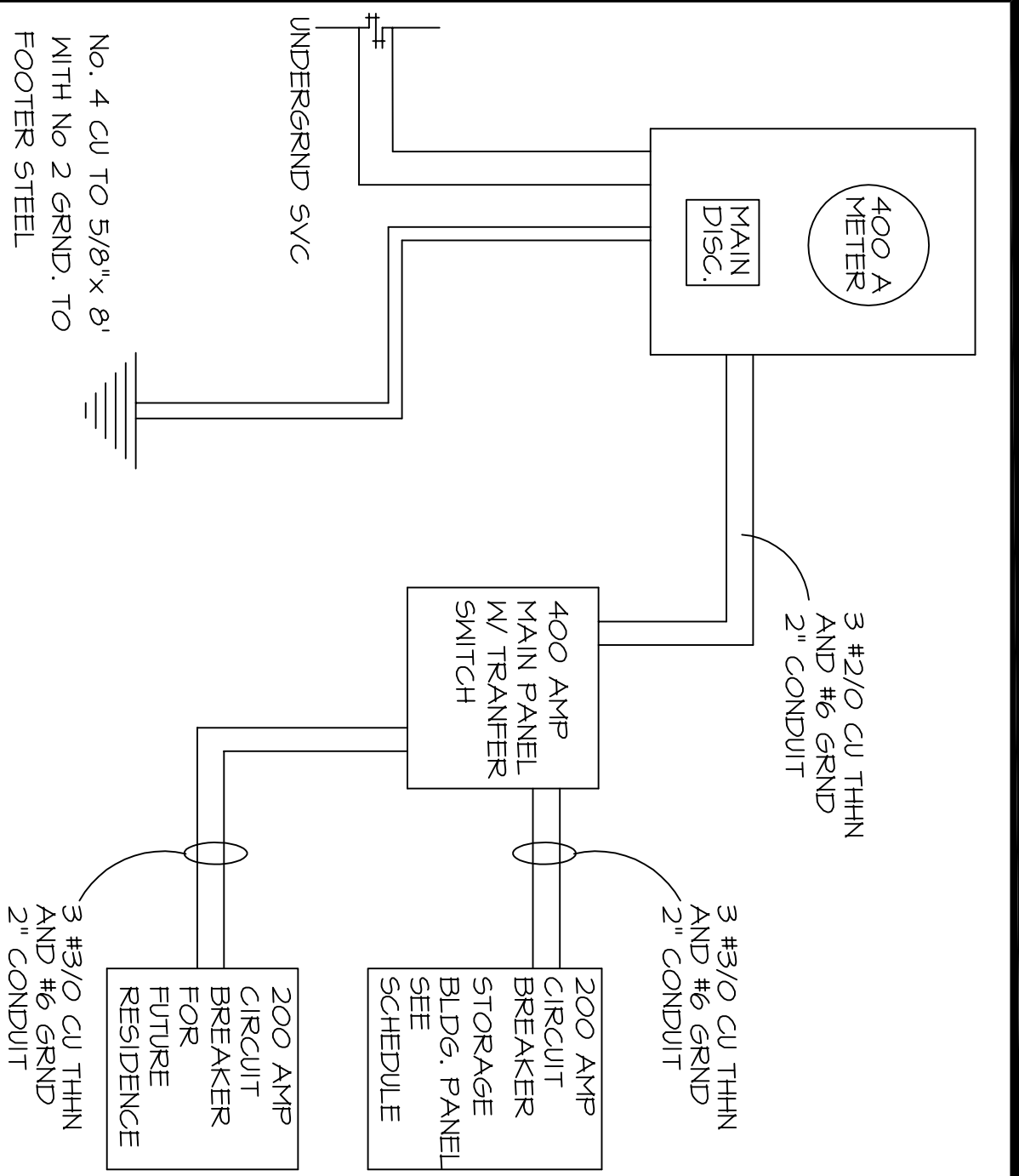
OF

4

SHEETS

ELECTRICAL NOTES:

- CONTRACTOR SHALL VERIFY WITH FF&L THE LOCATION OF SERVICE AND SHALL LOCATE WETER AND PANELS AS REQUIRED.
- ALL WIRE SHALL BE THIN COPPER, UNLESS OTHERWISE NOTED.
- WHERE REQUIRED BY OTHER CODES, SERVICE AND FEEDER CONDUCTORS SHALL BE COPPER OF EQUAL APPACITY.
- ALL BRANCH CIRCUITS IN RACEWAY OR NON-METALLIC SHEATHED CABLE.
- COORDINATE RACEWAY INSTALLATIONS WITH OTHER TRADES PRIOR TO CONSTRUCTION.
- VERIFY ALL CONDUTORS AND BREAKERS WITH EQUIPMENT MANUFACTURERS' SPECIFICATIONS.
- PROVIDE DISCONNECT SWITCH OF SIZE AS REQUIRED BY LOAD AND UNITS.
- PROVIDE NON-VISIBLE GENERAL DUTY SAFETY SWITCHES AT AC EQUIPMENT AND AT PANELS NOT VISIBLE FROM CIRCUIT BREAKER PANEL AND AS PER MANUFACTURERS RECOMMENDATIONS.
- PROVIDE GFI BREAKERS OR OUTLETS FOR ALL BATHROOMS, GARAGE AND EXTERIOR OUTLETS AND AS SHOWN ON PLANS.
- ELECTRICAL FIXTURES, TRIM AND APPLIANCES SHALL BE UL APPROVED AND AS SELECTED BY OWNER.
- PROVIDE PRE-WIRED TELEPHONE OUTLETS AS SHOWN ON PLANS.
- SMOKE DETECTORS TO BE 120V, INTERCONNECTED W/ BATTERY BACKUP & WIRED ON KITCHEN OR BATHROOM LTB CIRCUITS AHEAD OF ALL SWITCHES.
- AFCI CIRCUIT READ FOR ALL BEDROOM RECEPTACLES



NO. 4 CU TO 5/8" x 8" WITH NO 2 GRND. TO FOOTER STEEL

ELECTRICAL RISER

NOT TO SCALE

ELECTRIC CONTRACTOR TO VERIFY ALL PANEL LOADS AND CIRCUITS PRIOR TO CONSTRUCTION AND THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY FROM THE PLANS PRIOR TO CONSTRUCTION.

LOAD CALCULATIONS

ELECTRICAL EQUIPMENT	WATTS
1 CAR CHARGER -	50 AMP 1/2 WIRE
1 WELDER CIRCUIT -	30 AMP #10 WIRE
4 GENERAL OUTLET CIRCUITS -	20 AMP #12 WIRE
1 LIGHTING CIRCUIT -	15 AMP #14 WIRE
1200	

TOTAL 15000 W

TOTAL SERVICE LOAD 15000 +- 240V

62.5 AMPS

ELECTRICAL SYMBOL LEGEND

⊕	DUPLEX RECEPTACLE	⚡	9WAKE WANTED
⊕	GROUND FUL INTERRUPT	⚡	MALL WANTED
⊕	WATER FROZE	⚡	Lighting
⊕	240 VOLT OUTLET	⚡	ELEC. PANEL
⊕	SWITCH	⚡	ELEC. WETER
⊕	3 WAY SWITCH	⚡	

REINFORCING STEEL:

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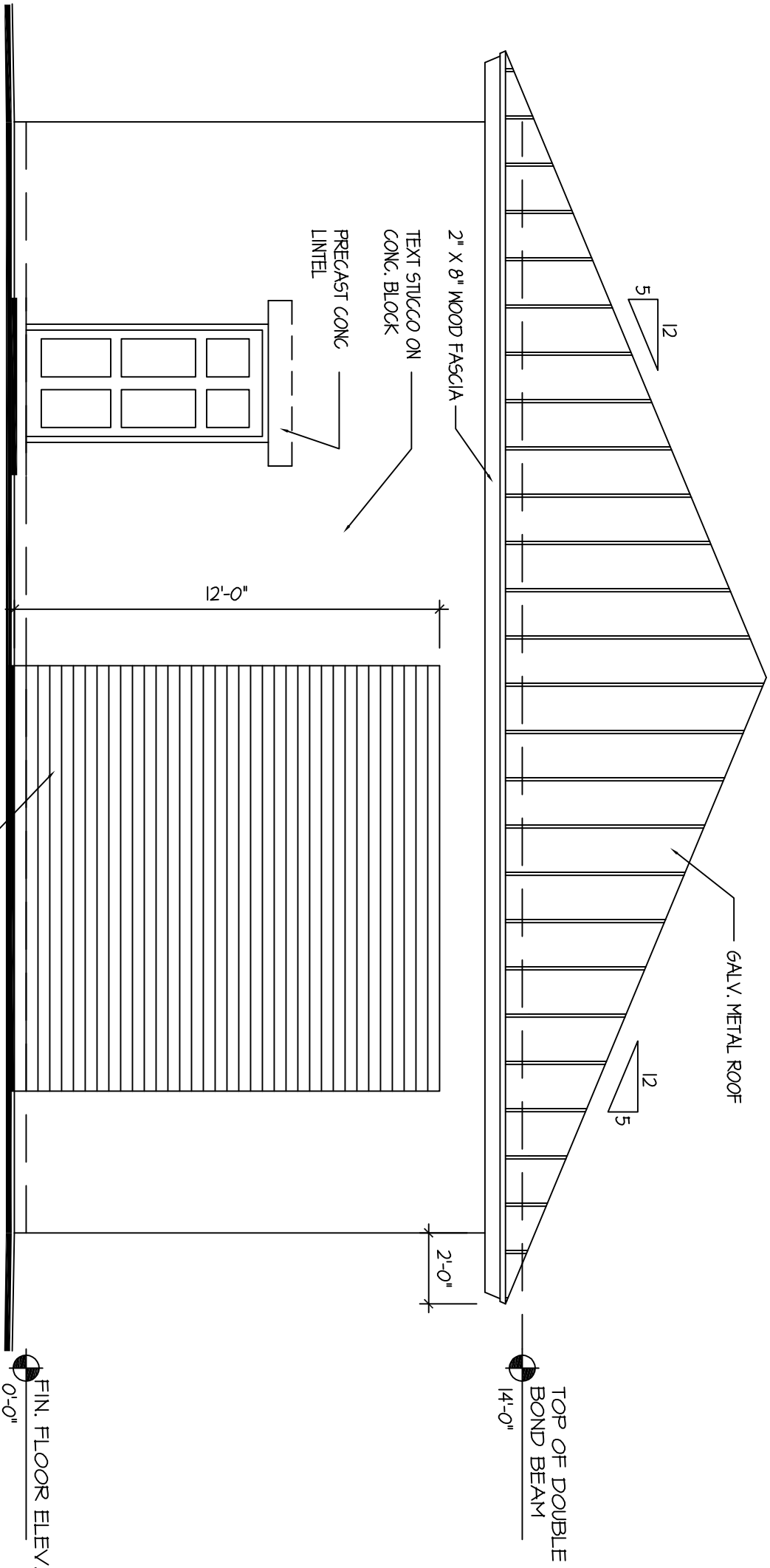
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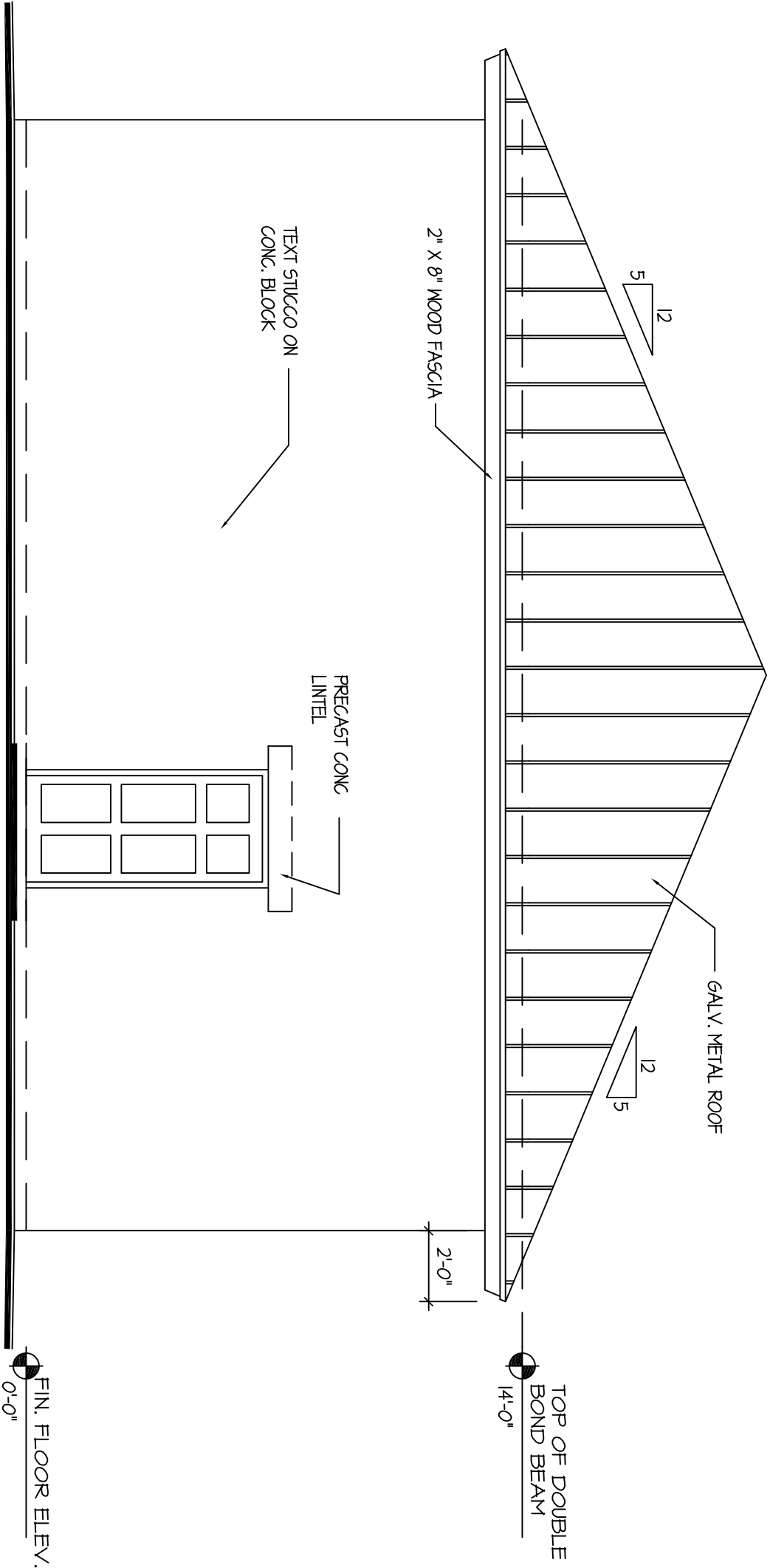
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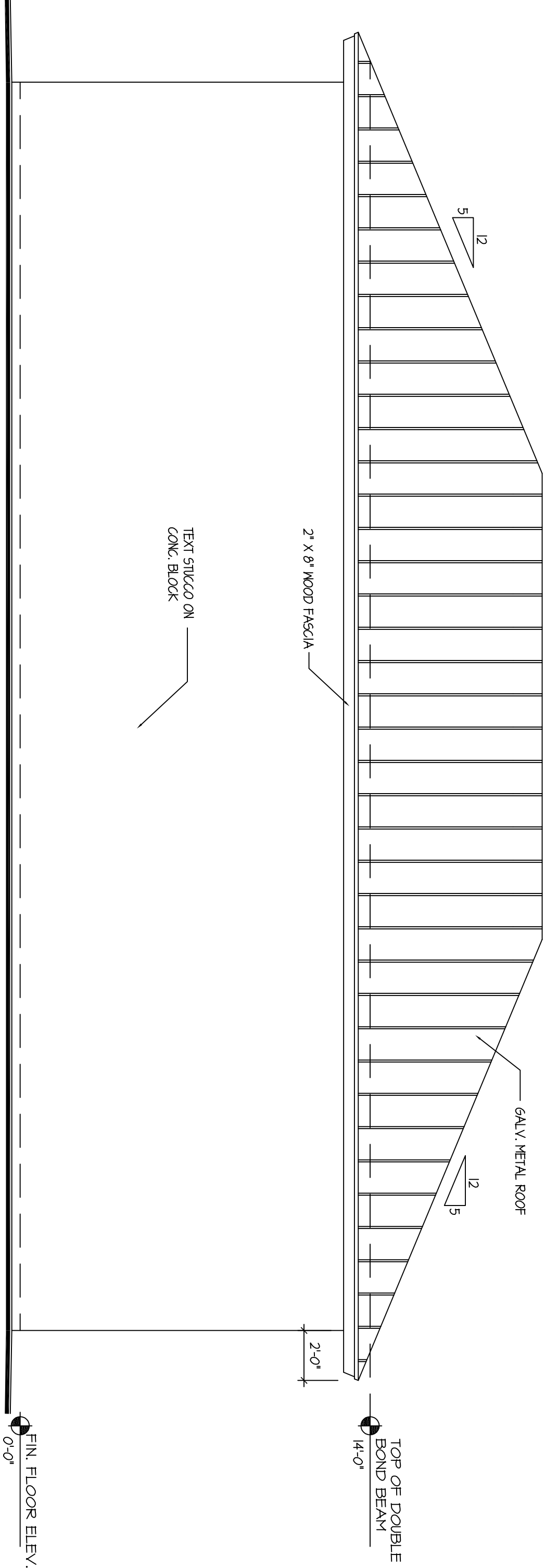
FRONT ELEVATION

SCALE 1/4" = 1'-0"



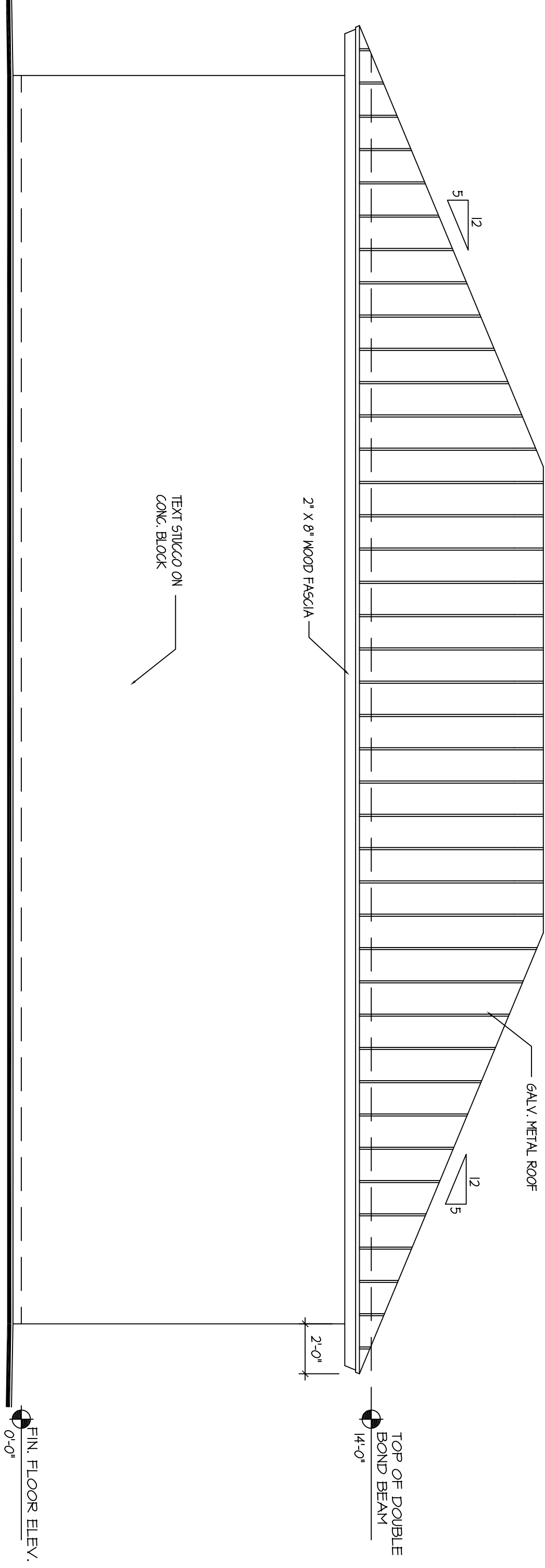
REAR ELEVATION

SCALE 1/4" = 1'-0"



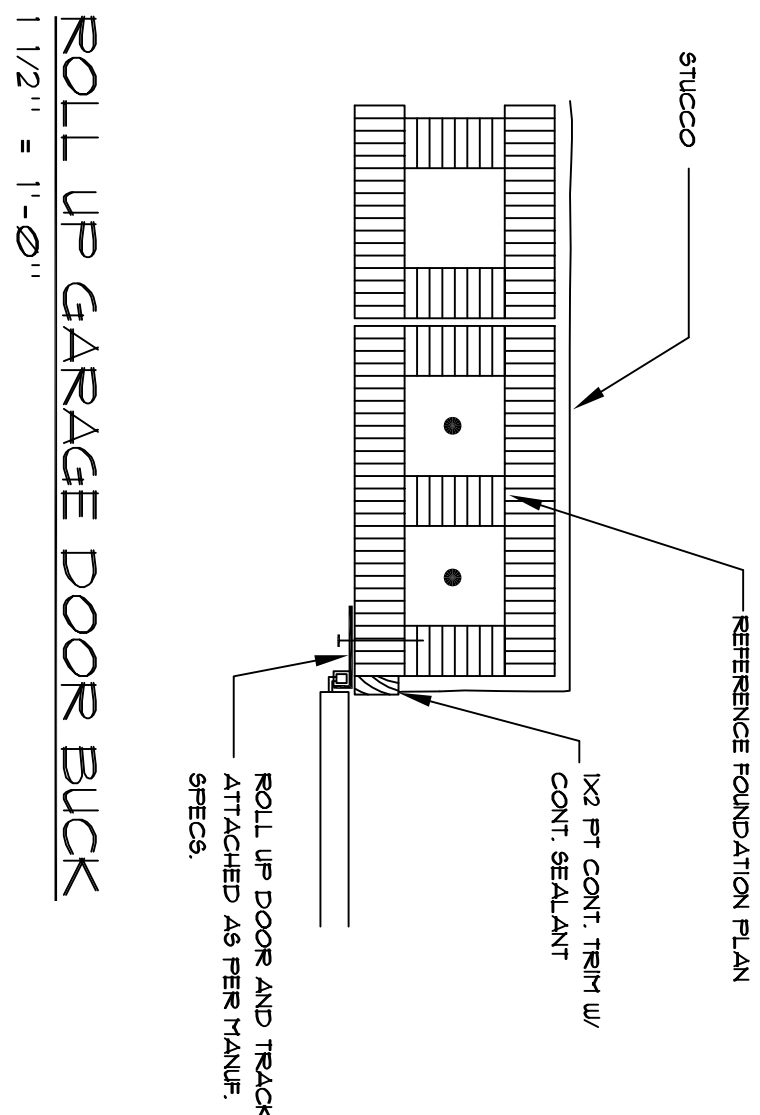
RIGHT SIDE ELEVATION

SCALE 1/4" = 1'-0"



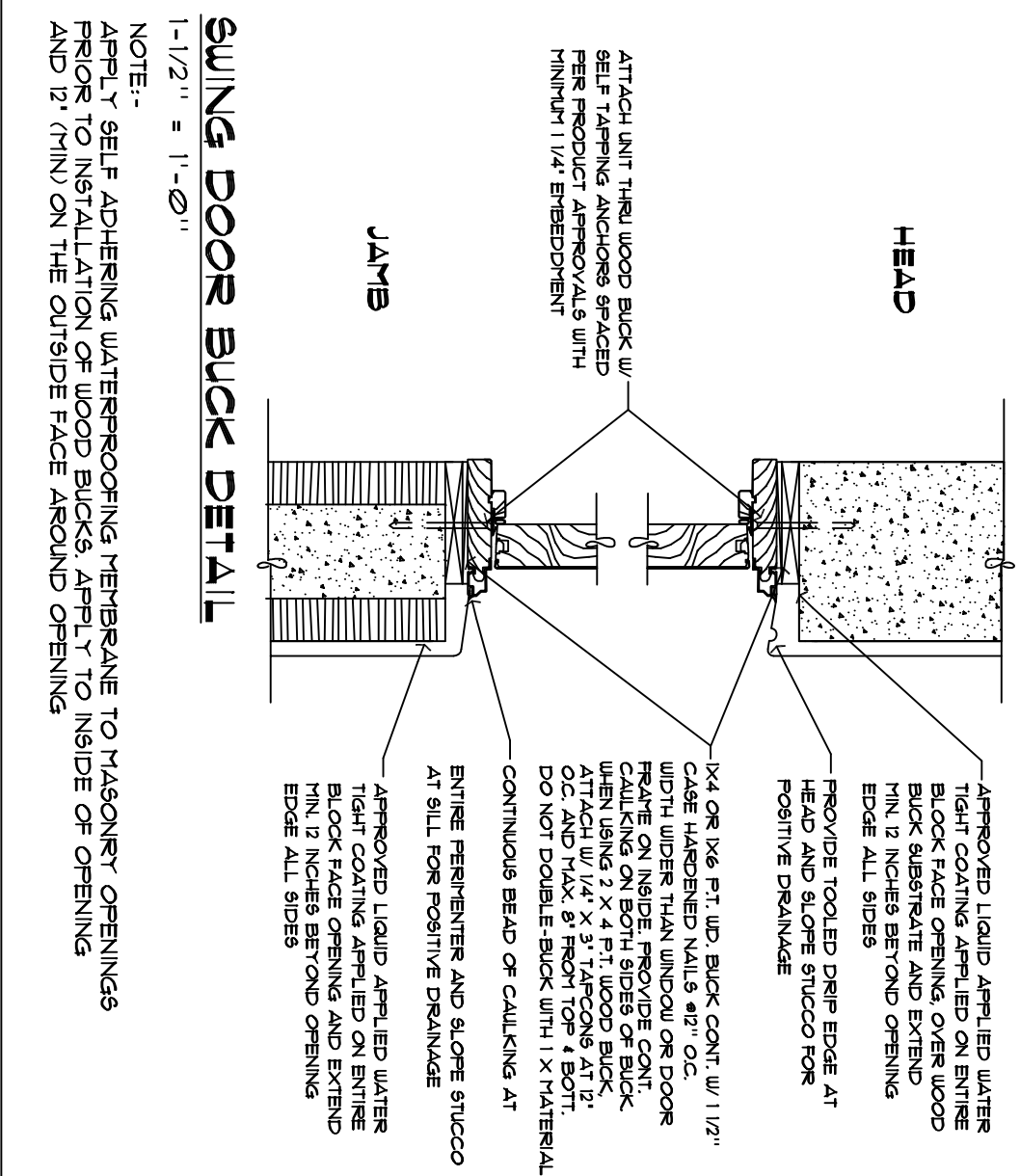
LEFT SIDE ELEVATION

SCALE 1/4" = 1'-0"



ROLL UP GARAGE DOOR BUCK

1 1/2" = 1'-0"

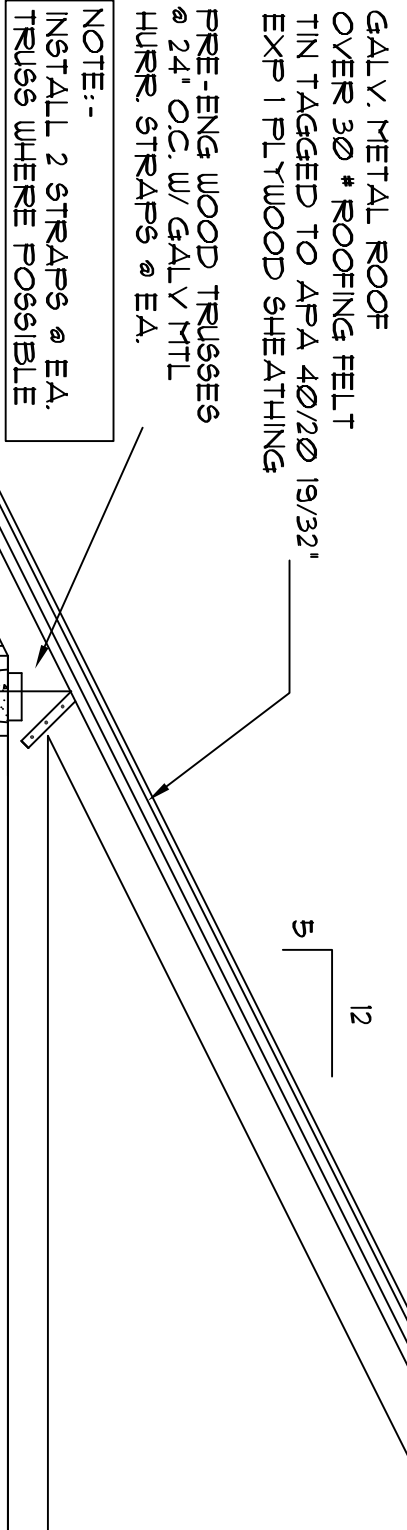


SWING DOOR BUCK DETAIL

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

NOTE:-

ALL TRUSSES STRAPS ADDED AFTER POURING CONG. BEAM TO BE ATTACHED WITH MIN. (3)-5/16" X 1-1/2" LONG TAPCON ANCHORS PER STRAP (1000 lbs ALLOWABLE UPLIFT) USE SHIMPOON STRAP 18 OR USP R106 STRAP WITH MIN (7) 16d NAILS INTO TRUSSES

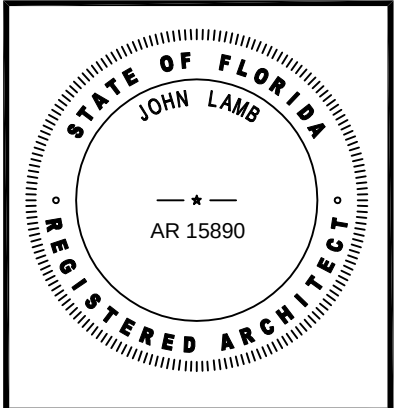


TYPICAL WALL SECTION

3/4" = 1'-0"

REVISIONS	BY

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DESIGN
INC.**

JOHN LAMB
(954) 978-9340
5485 WILES ROAD SUITE 407
COCONUT CREEK, FL. 33073

AA0003503
AR0015890

DRAWN STRIVE S
CHECKED JOHN L
DATE 2-15-2024
SCALE AS NOTED
JOB NO. 202-24
SHEET A-2
ELEVATIONS WALL SECTION
OF 4 SHEETS

SAFE GRAVITY LOADS FOR 8" PRECAST & PRESTRESSED UJLINTELS												
 GENSYSTEMS		TYPE	SAFE LOAD - POUNDS PER LINEAR FOOT									
LENGTH												
2'-0" (0')	PRECAST	818	858-11	87-12	88-14	89-16	90-17	91-18	92-19	93-20	94-21	95-22
2'-2" (0'2")	PRECAST	823	87-11	88-12	89-14	90-15	91-16	92-17	93-18	94-19	95-20	96-21
2'-4" (0'4")	PRECAST	831	88-11	89-12	90-14	91-15	92-16	93-17	94-18	95-19	96-20	97-21
2'-6" (0'6")	PRECAST	839	89-11	90-12	91-14	92-15	93-16	94-17	95-18	96-19	97-20	98-21
2'-8" (0'8")	PRECAST	847	90-11	91-12	92-14	93-15	94-16	95-17	96-18	97-19	98-20	99-21
3'-0" (0')	PRECAST	855	91-11	92-12	93-14	94-15	95-16	96-17	97-18	98-19	99-20	100-21
3'-2" (0'2")	PRECAST	863	92-11	93-12	94-14	95-15	96-16	97-17	98-18	99-19	100-20	101-21
3'-4" (0'4")	PRECAST	871	93-11	94-12	95-14	96-15	97-16	98-17	99-18	100-19	101-20	102-21
3'-6" (0'6")	PRECAST	879	94-11	95-12	96-14	97-15	98-16	99-17	100-18	101-19	102-20	103-21
3'-8" (0'8")	PRECAST	887	95-11	96-12	97-14	98-15	99-16	100-17	101-18	102-19	103-20	104-21
4'-0" (0')	PRECAST	895	96-11	97-12	98-14	99-15	100-16	101-17	102-18	103-19	104-20	105-21
4'-2" (0'2")	PRECAST	903	97-11	98-12	99-14	100-15	101-16	102-17	103-18	104-19	105-20	106-21
4'-4" (0'4")	PRECAST	911	98-11	99-12	100-14	101-15	102-16	103-17	104-18	105-19	106-20	107-21
4'-6" (0'6")	PRECAST	919	99-11	100-12	101-14	102-15	103-16	104-17	105-18	106-19	107-20	108-21
4'-8" (0'8")	PRECAST	927	100-11	101-12	102-14	103-15	104-16	105-17	106-18	107-19	108-20	109-21
5'-0" (0')	PRECAST	935	101-11	102-12	103-14	104-15	105-16	106-17	107-18	108-19	109-20	110-21
5'-2" (0'2")	PRECAST	943	102-11	103-12	104-14	105-15	106-16	107-17	108-18	109-19	110-20	111-21
5'-4" (0'4")	PRECAST	951	103-11	104-12	105-14	106-15	107-16	108-17	109-18	110-19	111-20	112-21
5'-6" (0'6")	PRECAST	959	104-11	105-12	106-14	107-15	108-16	109-17	110-18	111-19	112-20	113-21
5'-8" (0'8")	PRECAST	967	105-11	106-12	107-14	108-15	109-16	110-17	111-18	112-19	113-20	114-21
6'-0" (0')	PRECAST	975	106-11	107-12	108-14	109-15	110-16	111-17	112-18	113-19	114-20	115-21
6'-2" (0'2")	PRECAST	983	107-11	108-12	109-14	110-15	111-16	112-17	113-18	114-19	115-20	116-21
6'-4" (0'4")	PRECAST	991	108-11	109-12	110-14	111-15	112-16	113-17	114-18	115-19	116-20	117-21
6'-6" (0'6")	PRECAST	999	109-11	110-12	111-14	112-15	113-16	114-17	115-18	116-19	117-20	118-21
6'-8" (0'8")	PRECAST	1007	110-11	111-12	112-14	113-15	114-16	115-17	116-18	117-19	118-20	119-21
7'-0" (0')	PRECAST	1015	111-11	112-12	113-14	114-15	115-16	116-17	117-18	118-19	119-20	120-21
7'-2" (0'2")	PRECAST	1023	112-11	113-12	114-14	115-15	116-16	117-17	118-18	119-19	120-20	121-21
7'-4" (0'4")	PRECAST	1031	113-11	114-12	115-14	116-15	117-16	118-17	119-18	120-19	121-20	122-21
7'-6" (0'6")	PRECAST	1039	114-11	115-12	116-14	117-15	118-16	119-17	120-18	121-19	122-20	123-21
7'-8" (0'8")	PRECAST	1047	115-11	116-12	117-14	118-15	119-16	120-17	121-18	122-19	123-20	124-21
8'-0" (0')	PRECAST	1055	116-11	117-12	118-14	119-15	120-16	121-17	122-18	123-19	124-20	125-21
8'-2" (0'2")	PRECAST	1063	117-11	118-12	119-14	120-15	121-16	122-17	123-18	124-19	125-20	126-21
8'-4" (0'4")	PRECAST	1071	118-11	119-12	120-14	121-15	122-16	123-17	124-18	125-19	126-20	127-21
8'-6" (0'6")	PRECAST	1079	119-11	120-12	121-14	122-15	123-16	124-17	125-18	126-19	127-20	128-21
8'-8" (0'8")	PRECAST	1087	120-11	121-12	122-14	123-15	124-16	125-17	126-18	127-19	128-20	129-21
9'-0" (0')	PRECAST	1095	121-11	122-12	123-14	124-15	125-16	126-17	127-18	128-19	129-20	130-21
9'-2" (0'2")	PRECAST	1103	122-11	123-12	124-14	125-15	126-16	127-17	128-18	129-19	130-20	131-21
9'-4" (0'4")	PRECAST	1111	123-11	124-12	125-14	126-15	127-16	128-17	129-18	130-19	131-20	132-21
9'-6" (0'6")	PRECAST	1119	124-11	125-12	126-14	127-15	128-16	129-17	130-18	131-19	132-20	133-21
9'-8" (0'8")	PRECAST	1127	125-11	126-12	127-14	128-15	129-16	130-17	131-18	132-19	133-20	134-21
10'-0" (0')	PRECAST	1135	126-11	127-12	128-14	129-15	130-16	131-17	132-18	133-19	134-20	135-21
10'-2" (0'2")	PRECAST	1143	127-11	128-12	129-14	130-15	131-16	132-17	133-18	134-19	135-20	136-21
10'-4" (0'4")	PRECAST	1151	128-11	129-12	130-14	131-15	132-16	133-17	134-18	135-19	136-20	137-21
10'-6" (0'6")	PRECAST	1159	129-11	130-12	131-14	132-15	133-16	134-17	135-18	136-19	137-20	138-21
10'-8" (0'8")	PRECAST	1167	130-11	131-12	132-14	133-15	134-16	135-17	136-18	137-19	138-20	139-21
11'-0" (0')	PRECAST	1175	131-11	132-12	133-14	134-15	135-16	136-17	137-18	138-19	139-20	140-21
11'-2" (0'2")	PRECAST	1183	132-11	133-12	134-14	135-15	136-16	137-17	138-18	139-19	140-20	141-21
11'-4" (0'4")	PRECAST	1191	133-11	134-12	135-14	136-15	137-16	138-17	139-18	140-19	141-20	142-21
11'-6" (0'6")	PRECAST	1199	134-11	135-12	136-14	137-15	138-16	139-17	140-18	141-19	142-20	143-21
11'-8" (0'8")	PRECAST	1207	135-11	136-12	137-14	138-15	139-16	140-17	141-18	142-19	143-20	144-21
12'-0" (0')	PRECAST	1215	136-11	137-12	138-14	139-15	140-16	141-17	142-18	143-19	144-20	145-21
12'-2" (0'2")	PRECAST	1223	137-11	138-12	139-14	140-15	141-16	142-17	143-18	144-19	145-20	146-21
12'-4" (0'4")	PRECAST	1231	138-11	139-12	140-14	141-15	142-16	143-17	144-18	145-19	146-20	147-21
12'-6" (0'6")	PRECAST	1239	139-11	140-12	141-14	142-15	143-16	144-17	145-18	146-19	147-20	148-21
12'-8" (0'8")	PRECAST	1247	140-11	141-12	142-14	143-15	144-16	145-17	146-18	147-19	148-20	149-21
13'-0" (0')	PRECAST	1255	141-11	142-12	143-14	144-15	145-16	146-17	147-18	148-19	149-20	150-21
13'-2" (0'2")	PRECAST	1263	142-11	143-12	144-14	145-15	146-16	147-17	148-18	149-19	150-20	151-21
13'-4" (0'4")	PRECAST	1271	143-11	144-12	145-14	146-15	147-16	148-17	149-18	150-19	151-20	152-21
13'-6" (0'6")	PRECAST	1279	144-11	145-12	146-14	147-15	148-16	149-17	150-18	151-19	152-20	153-21
13'-8" (0'8")	PRECAST	1287	145-11	146-12	147-14	148-15	149-16	150-17	151-18	152-19	153-20	154-21
14'-0" (0')	PRECAST	1295	146-11	147-12	148-14	149-15	150-16	151-17	152-18	153-19	154-20	155-21
14'-2" (0'2")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
14'-4" (0'4")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
14'-6" (0'6")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
14'-8" (0'8")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
15'-0" (0')	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
15'-2" (0'2")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
15'-4" (0'4")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
15'-6" (0'6")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
15'-8" (0'8")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
16'-0" (0')	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
16'-2" (0'2")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
16'-4" (0'4")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
16'-6" (0'6")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
16'-8" (0'8")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
17'-0" (0')	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
17'-2" (0'2")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
17'-4" (0'4")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
17'-6" (0'6")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
17'-8" (0'8")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
18'-0" (0')	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
18'-2" (0'2")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
18'-4" (0'4")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
18'-6" (0'6")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
18'-8" (0'8")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
19'-0" (0')	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
19'-2" (0'2")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
19'-4" (0'4")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
19'-6" (0'6")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
19'-8" (0'8")	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	3284
20'-0" (0')	PRESTRESSED	N.R.	442	706	1002	1328	1654	1980	2306	2632	2958	

SAFE UPLIFT LOADS FOR 8" PRECAST & PRESTRESSED U-LINTELS

		TYPE	SAFE LOAD - POUNDS PER LINEAR FOOT											
LENGTH			8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	
24'-0" (288")	PRESTRESSED	124	200	216	450	400	600	600	750	600	875	600	875	
	22'-6" (270")	PRESTRESSED	127	221	355	326	661	661	897	661	997	661	997	
21'-6" (258")	PRESTRESSED	137	221	355	326	661	661	897	661	997	661	997		
	20'-0" (240")	PRESTRESSED	142	198	305	283	490	507	625	625	784	625	784	
19'-6" (234")	PRESTRESSED	152	198	305	283	490	507	625	625	784	625	784		
	18'-0" (216")	PRESTRESSED	162	202	340	312	493	564	635	635	784	635	784	
17'-6" (210")	PRESTRESSED	168	261	424	615	831	1051	1261	1261	1582	1261	1582		
	16'-0" (192")	PRESTRESSED	182	202	340	312	493	564	635	635	784	635	784	
15'-6" (186")	PRESTRESSED	224	302	465	632	787	950	1102	1051	1231	1051	1231		
	14'-6" (174")	PRESTRESSED	224	302	465	632	787	950	1102	1051	1231	1051	1231	
14'-0" (168")	PRECAST	326	455	707	1145	1444	1718	1983	1983	2464	1983	2464		
	13'-0" (156")	PRECAST	410	400	709	1051	1434	1791	2148	2148	2669	2148	2669	
12'-0" (144")	PRECAST	470	441	723	935	1151	1363	1582	1582	1983	1582	1983		
	11'-0" (132")	PRECAST	530	552	914	1165	1456	1756	2056	2056	2544	2056	2544	
10'-6" (126")	PRECAST	530	552	914	1165	1456	1756	2056	2056	2544	2056	2544		
	10'-0" (120")	PRECAST	521	866	1156	1456	1756	2056	2356	2356	2842	2356	2842	
9'-6" (112")	PRECAST	521	866	1156	1456	1756	2056	2356	2356	2842	2356	2842		
	9'-0" (108")	PRECAST	521	866	1156	1456	1756	2056	2356	2356	2842	2356	2842	
8'-6" (102")	PRECAST	521	866	1156	1456	1756	2056	2356	2356	2842	2356	2842		
	8'-0" (96")	PRECAST	521	866	1156	1456	1756	2056	2356	2356	2842	2356	2842	
7'-6" (90")	PRECAST	535	1041	1850	2410	2971	3539	4098	4098	4988	4098	4988		
	7'-0" (84")	PRECAST	835	1401	1980	2471	2959	3498	4048	4048	4988	4048	4988	
6'-6" (78")	PRECAST	835	1401	1980	2471	2959	3498	4048	4048	4988	4048	4988		
	6'-0" (72")	PRECAST	835	1401	1980	2471	2959	3498	4048	4048	4988	4048	4988	
5'-6" (66")	PRECAST	1016	1832	2290	2849	3407	4035	4624	4624	5624	4624	5624		
	5'-0" (60")	PRECAST	1016	1832	2290	2849	3407	4035	4624	4624	5624	4624	5624	
4'-6" (54")	PRECAST	1307	1940	2724	3508	4292	5077	5861	5861	7142	5861	7142		
	4'-0" (48")	PRECAST	1383	2101	3058	4035	5104	6173	7242	7242	8823	7242	8823	
3'-6" (42")	PRECAST	1599	2524	3547	4590	5591	6511	7535	7535	9216	7535	9216		
	3'-0" (36")	PRECAST	1599	2524	3547	4590	5591	6511	7535	7535	9216	7535	9216	
2'-6" (30")	PRECAST	1927	3173	4460	5147	7034	831	9008	9008	10909	9008	10909		
	2'-0" (24")	PRECAST	1927	3173	4460	5147	7034	831	9008	9008	10909	9008	10909	

ATTACHMENT / FASTENER SPECIFICATIONS

ATTACHMENT / FASTENER SPECIFICATIONS				
APPLICATION	METHODS OF ATTACHMENT		SPACING	REMARKS
	HAND NAILED	POWER ACQUATED		
FLYWOOD WALL SHEATHING APA 40/10 19/37 EXP 1	6d COMMON	2 1/2" X 131	4" OC PANEL EDGES 6" OC INTEREDGATE SUPPORTS 4" OC CORNER STUDS	—
FLYWOOD AND FLR SHEATHING APA 40/24 19/37 EXP 1	8d COMMON	2 1/2" X 131	4" OC PANEL EDGES 10" OC INTEREDGATE SUPPORTS	1" OC * INTEREDGATE W/EN ADHESIVE IS USED
FLYWOOD ROOF SHEATHING APA 40/10 19/37 EXP 1	8d RING SHANK	2 1/2" X 131	4" OC PANEL EDGES 6" OC INTEREDGATE SUPPORTS 4" OC * GABLE ENDS	
COMPOSITION SHINGLES FLAT CEMENT TILE BARREL CEMENT TILE TN TAGS	1" X 3/8", 12 GA 2 1/2" X 131 (GA) 3" X 120 (GA) 1" X 3/8", 12 GA	1" X 118, 11 GA 2 1/2" X 131 (GA) 3" X 120 (GA) 1" X 118, 11 GA	6 NAILS PER STRIP 2 FILL TILE 2 FIFER TILE 6" OC IN ROLL DIRECTION 12" OC ACROSS WIDTH	GALVANIZED, NON-CORROSIVE GALVANIZED, NON-CORROSIVE GALVANIZED, NON-CORROSIVE 11 GA NON CORR BR SHANK 12 GA WIRE RING SHANK
WIRE LATH (GALV RUST RES39) BOFFIT WIRE LATH (GALV RUST RES39) WIRE LATH	1 1/2" X NO. 11 GA 4d GALVANIZED 1 1/2" X 1", 16 GA	1 1/2" X 1", 16 GA	6" OC, * SIDE LAPS 4" TIED * 9" OC, BETWEEN SUPPORTS	
FASCIA	16d GALVANIZED	3" X 120 (GALV)	2 EA. TRUSS END	

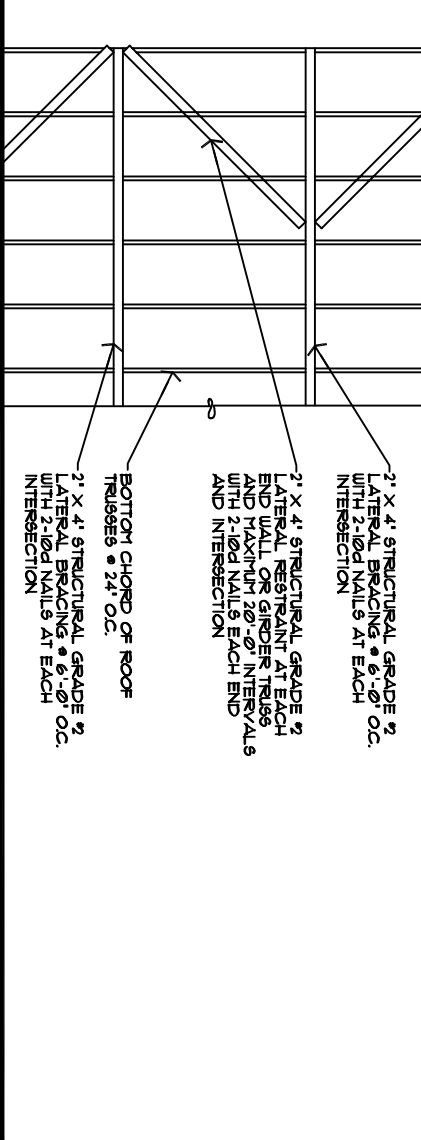
NO. 11

TRUSS SHOP DRAWINGS SHALL BE REVIEWED BY ARCHITECT/ENGINEER PRIOR TO POURING FLOOR SLAB

NO STRUCTURAL MEMBER SHALL BE CUT, NOTCHED, OR OTHERWISE REDUCED IN STRENGTH WITHOUT CONSULTING ARCHITECT/ENGINEER OF RECORD.

REPORT AND DISCREPANCIES TO ARCHITECT/ENGINEER IMMEDIATELY.
WINDOW/DOOR ROUGH OPENINGS REQUIRE VERIFICATION BY THE
CONTRACTOR PRIOR TO BUILDING. ARCHITECT/ENGINEER WILL NOT
BE RESPONSIBLE FOR ANY DISCREPANCIES BETWEEN
CONSTRUCTION DOCUMENTS AND WINDOW /DOOR SUPPLIER DATA

LATERAL BRACING RESTRAINT DETAIL



TRUSS ANCHOR SCHEDULE

MARK	TYPE	LATERAL LOAD	TYPE	MODEL	FASTENER	REMARKS
A	180 LBS	3.6/27.5 LBS	UP	HEAL	1/2" X 3" NAIL	SINGLE ANCHOR AND FIBER
B	360 LBS	7.2/55.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
C	540 LBS	10.8/82.5 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
D	720 LBS	14.4/110.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
E	900 LBS	18.0/135.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
F	1080 LBS	21.6/162.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
G	1260 LBS	25.2/189.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
H	1440 LBS	28.8/216.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
I	1620 LBS	32.4/243.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
J	1800 LBS	36.0/270.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
K	1980 LBS	39.6/297.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
L	2160 LBS	43.2/324.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
M	2340 LBS	46.8/351.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
N	2520 LBS	50.4/378.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
O	2700 LBS	54.0/405.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
P	2880 LBS	57.6/432.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
Q	3060 LBS	61.2/459.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
R	3240 LBS	64.8/486.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
S	3420 LBS	68.4/513.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
T	3600 LBS	72.0/540.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
U	3780 LBS	75.6/567.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
V	3960 LBS	79.2/594.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
W	4140 LBS	82.8/621.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
X	4320 LBS	86.4/648.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
Y	4500 LBS	90.0/675.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
Z	4680 LBS	93.6/702.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AA	4860 LBS	97.2/729.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AB	5040 LBS	100.8/756.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AC	5220 LBS	104.4/783.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AD	5400 LBS	108.0/810.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AE	5580 LBS	111.6/837.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AF	5760 LBS	115.2/864.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AG	5940 LBS	118.8/891.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AH	6120 LBS	122.4/918.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AI	6300 LBS	126.0/945.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AJ	6480 LBS	129.6/972.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AK	6660 LBS	133.2/999.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AL	6840 LBS	136.8/1026.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AM	7020 LBS	140.4/1053.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AN	7200 LBS	144.0/1080.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AO	7380 LBS	147.6/1107.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AP	7560 LBS	151.2/1134.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AQ	7740 LBS	154.8/1161.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AR	7920 LBS	158.4/1188.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AS	8100 LBS	162.0/1215.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AT	8280 LBS	165.6/1242.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AU	8460 LBS	169.2/1269.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AV	8640 LBS	172.8/1296.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AW	8820 LBS	176.4/1323.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AX	9000 LBS	180.0/1350.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AY	9180 LBS	183.6/1377.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
AZ	9360 LBS	187.2/1404.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BA	9540 LBS	190.8/1431.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BB	9720 LBS	194.4/1458.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BC	9900 LBS	198.0/1485.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BD	10080 LBS	201.6/1512.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BE	10260 LBS	205.2/1539.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BF	10440 LBS	208.8/1566.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BG	10620 LBS	212.4/1593.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BH	10800 LBS	216.0/1620.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BI	10980 LBS	219.6/1647.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BJ	11160 LBS	223.2/1674.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BK	11340 LBS	226.8/1701.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BL	11520 LBS	230.4/1728.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BM	11700 LBS	234.0/1755.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BN	11880 LBS	237.6/1782.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BO	12060 LBS	241.2/1809.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BP	12240 LBS	244.8/1836.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BQ	12420 LBS	248.4/1863.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BR	12600 LBS	252.0/1890.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BS	12780 LBS	255.6/1917.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BT	12960 LBS	259.2/1944.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BU	13140 LBS	262.8/1971.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BV	13320 LBS	266.4/1998.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BW	13500 LBS	270.0/2025.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BX	13680 LBS	273.6/2052.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BY	13860 LBS	277.2/2079.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
BZ	14040 LBS	280.8/2106.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CA	14220 LBS	284.4/2133.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CB	14400 LBS	288.0/2160.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CC	14580 LBS	291.6/2187.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CD	14760 LBS	295.2/2214.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CE	14940 LBS	298.8/2241.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CF	15120 LBS	302.4/2268.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CG	15300 LBS	306.0/2295.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CH	15480 LBS	309.6/2322.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CI	15660 LBS	313.2/2349.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CJ	15840 LBS	316.8/2376.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CK	16020 LBS	320.4/2403.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CL	16200 LBS	324.0/2430.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CM	16380 LBS	327.6/2457.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CN	16560 LBS	331.2/2484.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CO	16740 LBS	334.8/2511.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CP	16920 LBS	338.4/2538.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CQ	17100 LBS	342.0/2565.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CR	17280 LBS	345.6/2592.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CS	17460 LBS	349.2/2619.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CT	17640 LBS	352.8/2646.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CU	17820 LBS	356.4/2673.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CV	18000 LBS	360.0/2700.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER
CV	18000 LBS	360.0/2700.0 LBS	UP	HEAL	1/2" X 3" NAIL	DOUBLE ANCHOR AND FIBER

UPLIFT (MAXIMUM ALLOWABLE FOR THIS CONNECTION)

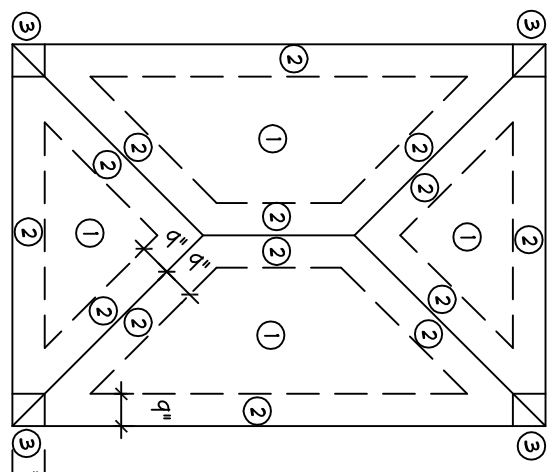
PROVIDE MOISTURE BARRIER OR GALVANIZED METAL SHEET BETWEEN WOOD TRUSSES AND CONCRETE FILL DEEP TO VERIFY ALL JUMPET VALVES AND ANCHORS SECUREMENTS PRIOR TO NATURALATION

BUILDER TO VERIFY ALL UPLIFT VALUES AND ANCHOR REQUIREMENTS FROM DESIGNATION

BUILDER MAY SUBSTITUTE SIMPSON ANCHORS FOR OTHER BRANDS WITH EQUAL OR GREATER VALUES

DESIGN LOADS

UNID GRADED 100 PPH	FLOOR LOADS				ROOF LOADS			
	DF	100	TOTAL	BCOL	DF	133	TOTAL	BCOL
		400 PPH				300 PPH		
		100 PPH				50 PPH		
		00 PPH				100 PPH		
		50 PPH				00 PPH		



ZONE 1: 361 Pcf
 ZONE 2: 661 Pcf
 ZONE 3: 661 Pcf
 END ZONE DISTANCE (d) = 4'-6"
 NOTE:
 DESIGN LATERAL LOADS FOR TRUSS
 CONNECTIONS (WORST CASE).
 PARALLEL TO WALL (F1) = 205 lbs.
 PERPENDICULAR TO WALL (F2) = 321 lbs.

ROOF DIAGRAM

ROOF DEAD LOAD FOR UPLIFT DESIGN = 10 P.S.F.

STRUCTURAL NOTES - LUMBER

ALL LUMBER SHALL BE SPRUCE PINE FIR W/ A MINIMUM FIBER STRESS OF 1200 PSI, OR SOUTHERN PINE #2 STRUCTURAL GRADE, U.O.N.

STUDS AT 16" O/C WITH DOUBLE TOP PLATE

ALL ROOF & FLOOR TRUSSES SHALL BE ENGINEERED BY A REGISTERED FLORIDA ENGINEER & TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY SAID ENGINEER

TRUSS MANUFACTURER SHALL SUBMIT FOUR (4) SETS OF TRUSS LAYOUT PLANS AND ENGINEERING SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW AS TO COMPLIANCE WITH DESIGN CONCEPT.

THE BOTTOM OF WOOD POSTS SHALL BE PROTECTED FROM DETERIORATION BY APPROVE PRODUCT OR METHOD.

METAL TRUSS STRAPS, TYPICAL EACH TRUSS, WHEN BEARING ON CONCRETE

ALL WOOD TRUSSES TO BE ANCHORED TO BEARING FRAME PARTITION APPROVED GALVANIZED METAL TRUSS STRAPS, TYPICAL EACH TRUSS.

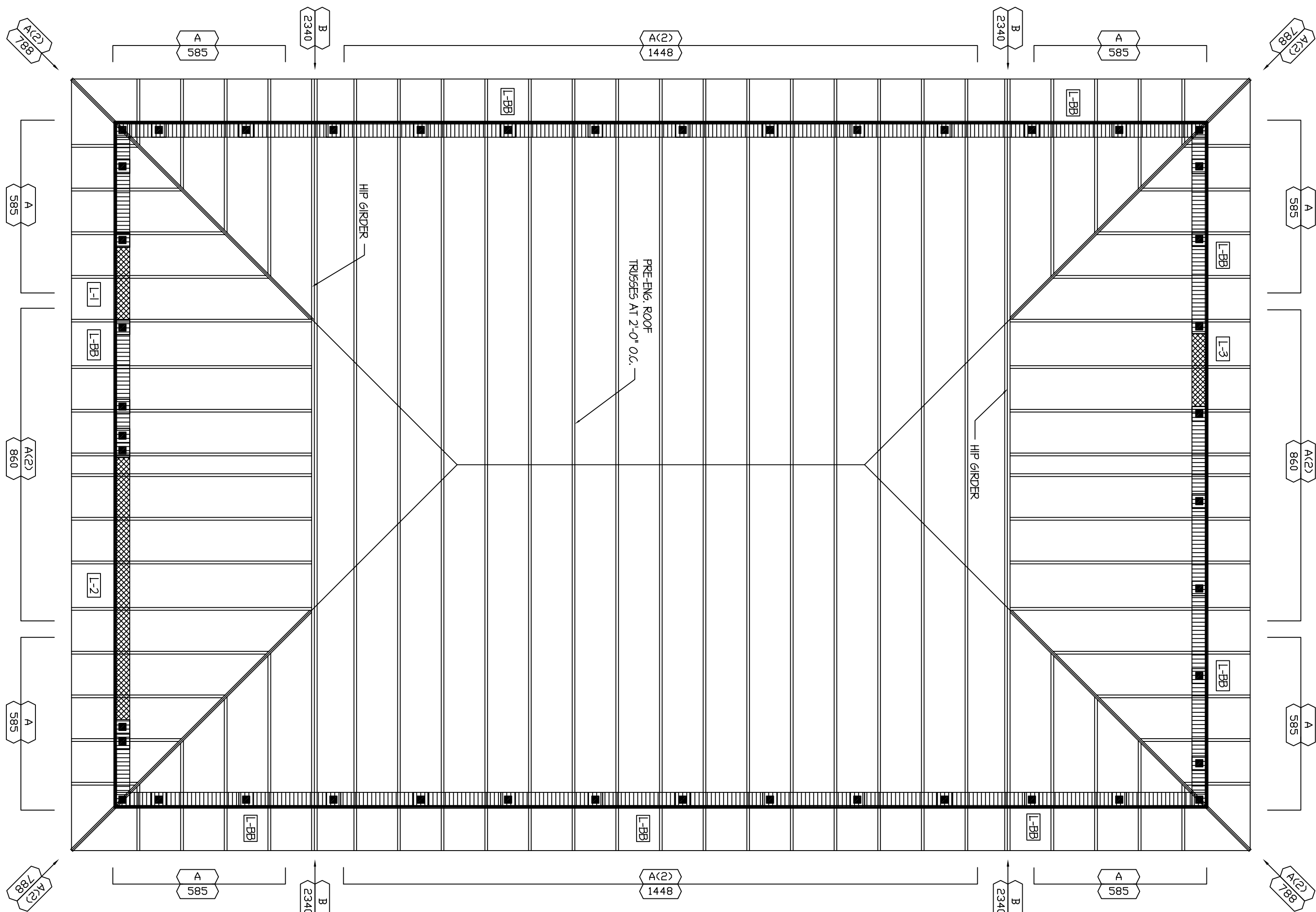
TRUSS MANUFACTURER SHALL COORDINATE TRUSS FABRICATION WITH AIR CONDITIONING DUCT LAYOUT.

ALL WOOD IN CONTACT WITH MASONRY, CONCRETE OR STEEL SHALL BE P.T.

WHERE 1 X 3 JOIST STRIPS ARE NOT USED FOR CEILING, PROVIDE 1 X 4 BRACING @ 6'-0" O.C. @ BOTTOM CHORD & 45 OTHERWISE CALLED FOR ON THE TRUSS SHOP DRAWINGS. ADEQUATE BRACING & BRIDGING SHALL BE USED DURING ERECTION OF THE TRUSSES TO PREVENT COLLAPSE OR DAMAGE TO THE TRUSSES.

PROVIDE DRAFT STOP BY CLADDING ONE SIDE OF FLOOR TRUSS W/ (1) LAYER OF 1/2" GYP. BOARD FOR FLOOR AREA NOT TO EXCEED \$600 SQ. FT.

SECTION OF REINFORCED LONGER THAN 50' OVERALL LENGTH OR OVERALL HEIGHT SHALL BE SUPERVISED BY AN ENGINEER, ARCHITECT OR SPECIAL INSPECTOR. OWNER-BUILDERS SHALL PROVIDE A NOTARIZED LETTER OF INTENT FROM HIMSELF/HERSELF AND FROM THE SPECIAL INSPECTOR TO THIS EFFECT.



ROOF FRAMING PLAN

SCALE 1/4" = 1'-0"

PRE-CAST CONCRETE LINTEL SCHEDULE

LINEL	SIZE	APPLIED LOADS GRAVITY	CAST-IN-PLACE LOAD/FOOT GRAVITY	UP/LIFT	BOTT. OF LINEL	REMARKS
L-BB	8" X 8"	DOUBLE BOND BEAM W/ 1" 5 CONT EACH (TYPICAL)				
L-1	8" X 5.4"	440 lbs.	1220 lbs.	861 lbs.	1536 lbs.	6'-10"
L-2	8" X 16.0"	610 lbs.	1428 lbs.	1428 lbs.	962 lbs.	12'-0"
L-3	8" X 5.4"	550 lbs.	560 lbs.	1969 lbs.	1207 lbs.	6'-8"

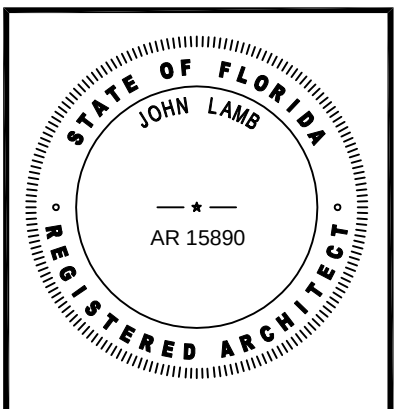
**NOTE :- LINTELS SPECIFIED ARE TO BE CAST-CRETE
REFER TO LOAD TABLES ON THIS SHEET**

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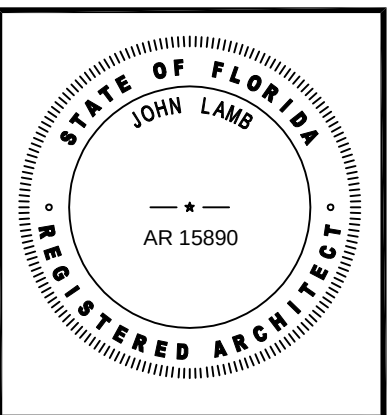
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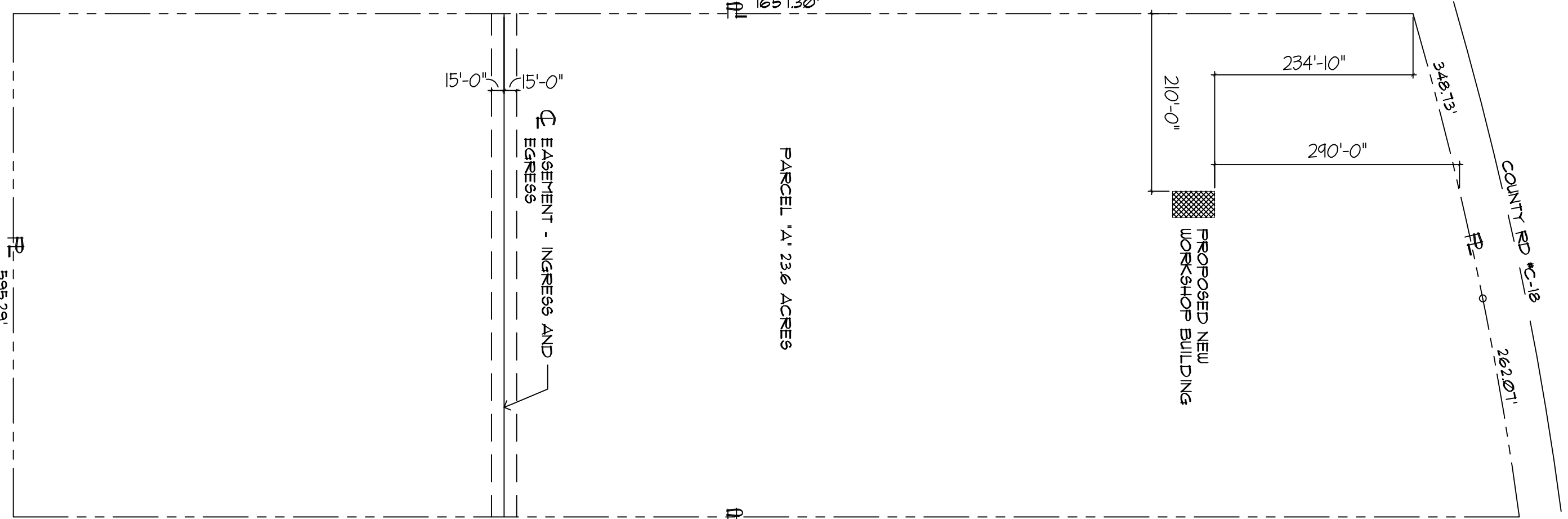
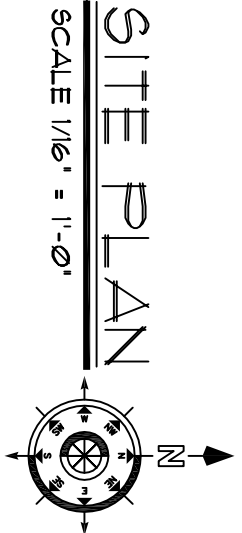
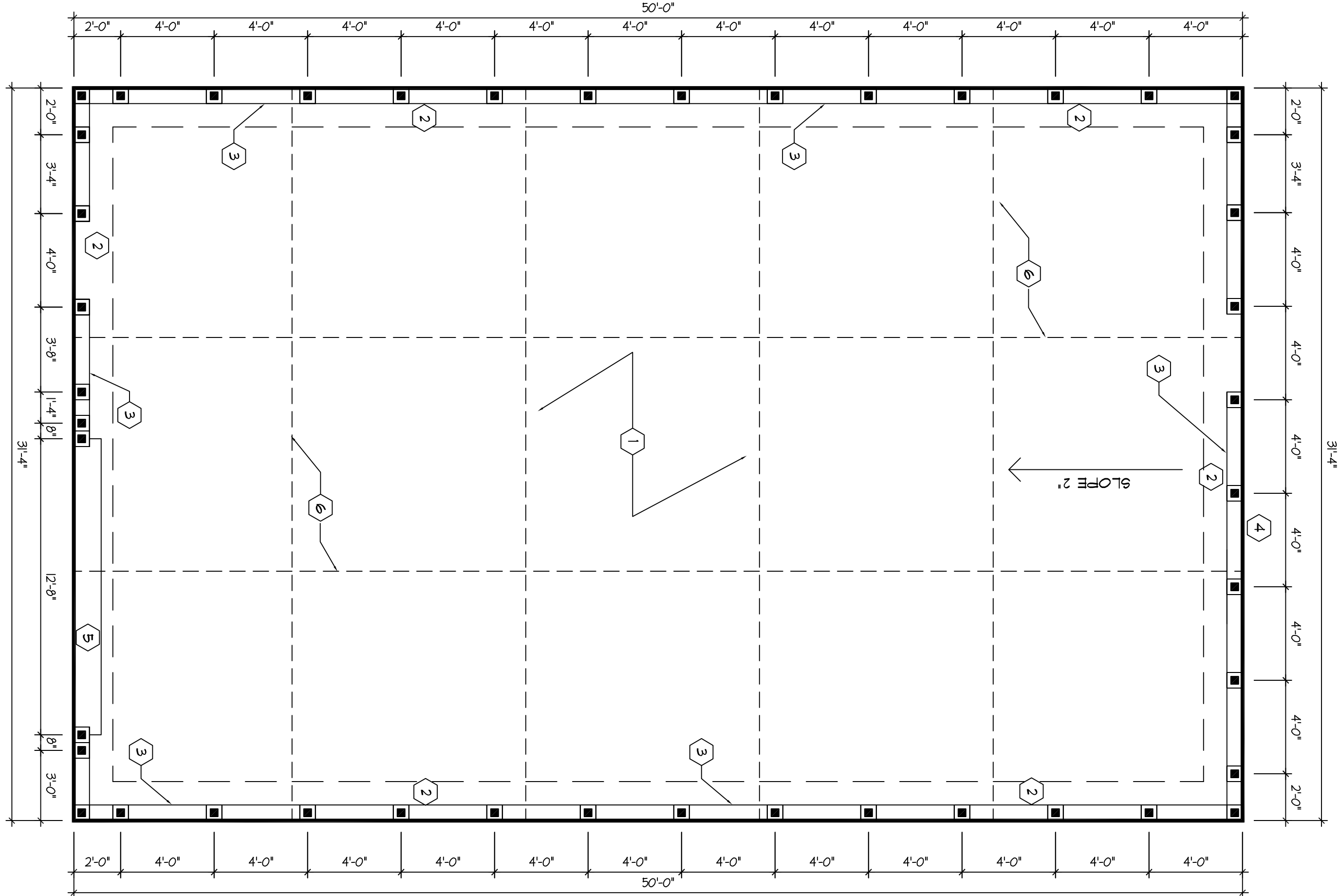
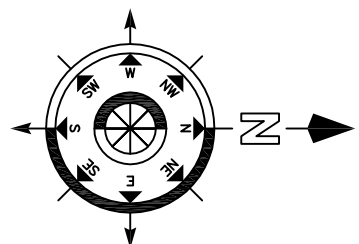
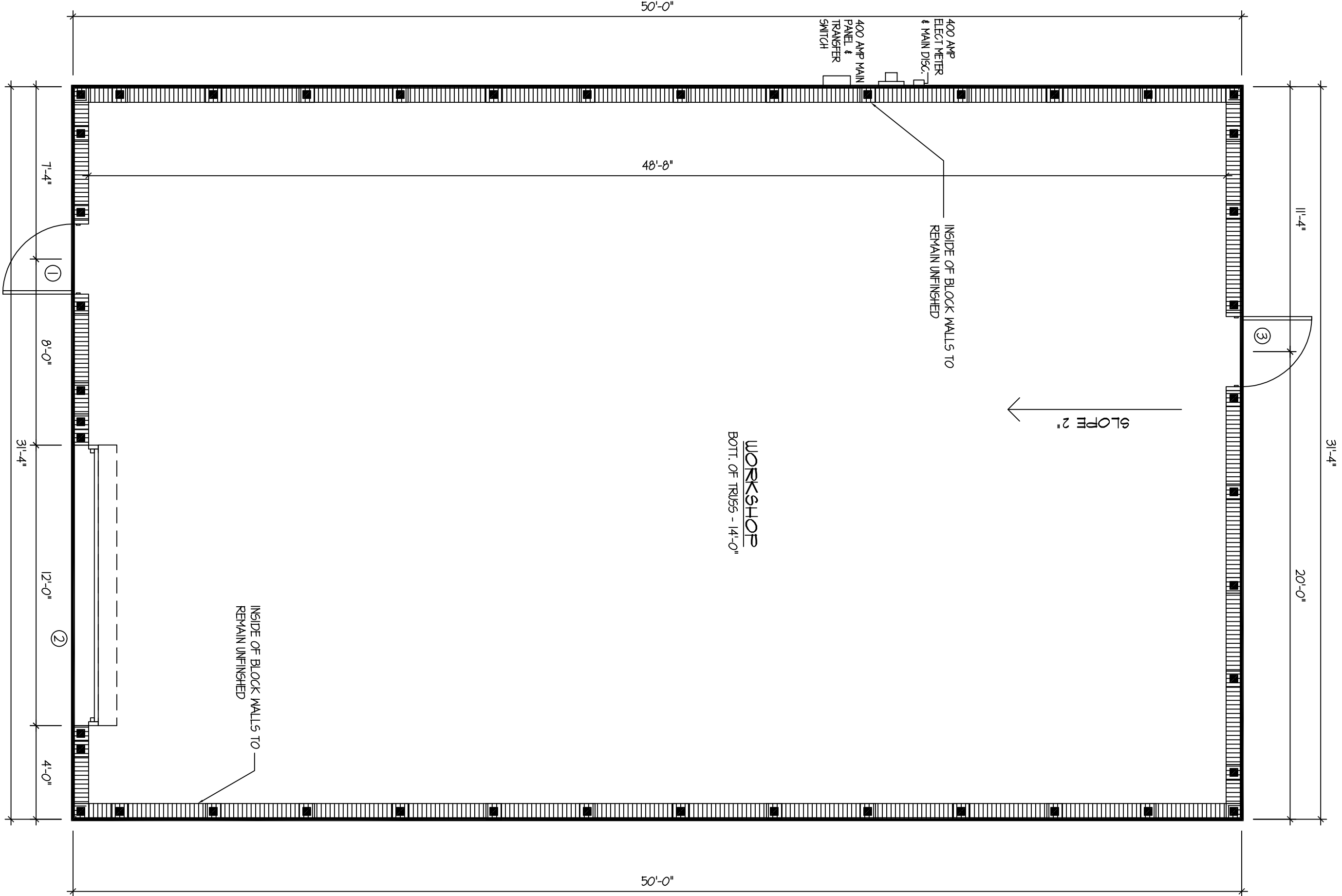
CHECKED
JOHN L

DATE
2-15-2024

SCALE
AS NOTED

SHEET
A-1
FOUNDATION
FLOOR PLAN
4 OF 4 SHEETS

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