


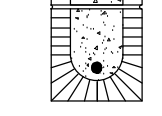
- ROOF FRAMING PLAN NOTES:**
- METAL ROOF DECK TO BE 1 1/2" DEEP, 20 GA., GALVANIZED (G-90), TYPE "B". FASTEN ROOF DECK w/ (7) 5/8" DIAMETER PUDDLE WELDS AT EACH SUPPORT AND (5) #10 TEK SCREW SLOPE FASTENERS EQUALLY SPACED BETWEEN SUPPORTS. REFER TO 1/S3.2
 - JOIST SPACING = SEE PLAN.
 - ROOF SLOPE = 1/4" PER FOOT (MIN.) U.N.O.
 - J.B. < > = JOIST BEARING ELEVATION. REFER TO PLAN.
 - REFER TO 5/S3.2 FOR DECK LEDGER SPLICE.
 - S.M. = INDICATES STEP TOP/MASONRY PARAPET.

CONCRETE LINTEL SCHEDULE

MARK	SIZE	REINFORCING BARS	COMMENTS
L-1	8" X 8"	(1) #5 CONT.	TYPE A
L-3	8" X 24"	(3) #5 CONT.	TYPE B: BOTT./BM. = 10'-0"



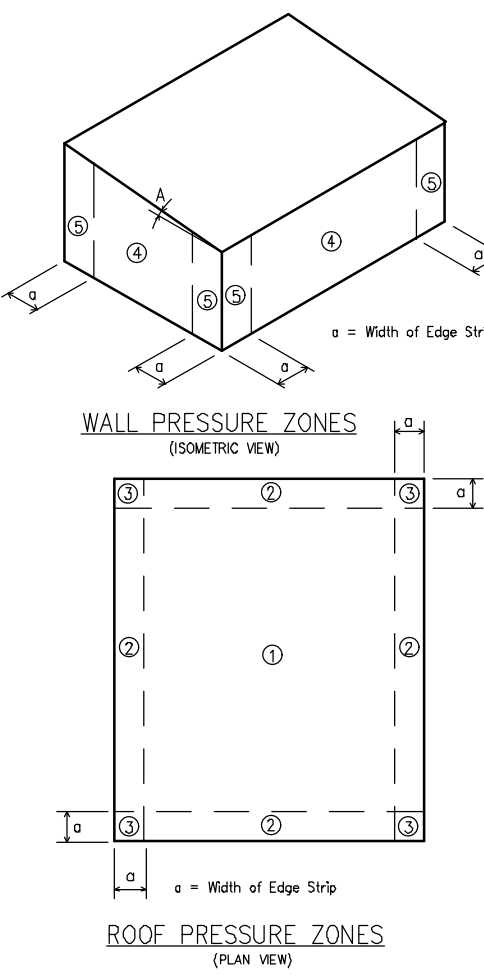
(TYPE A)



(TYPE B)

NOTES:

- ALL MASONRY OPENINGS TO HAVE PRECAST LINTEL TYPE L-1 U.N.O.
- REFER TO 7/S3.2 FOR ADDITIONAL PRECAST LINTEL REQUIREMENTS.
- ALL LINTELS AND KNOCK-OUT BLOCKS TO BE GROUTED SOLID.



WIND PRESSURE ZONES
(PLAN VIEW)

ROOF PRESSURE ZONES
(PLAN VIEW)

BUILDING DATA

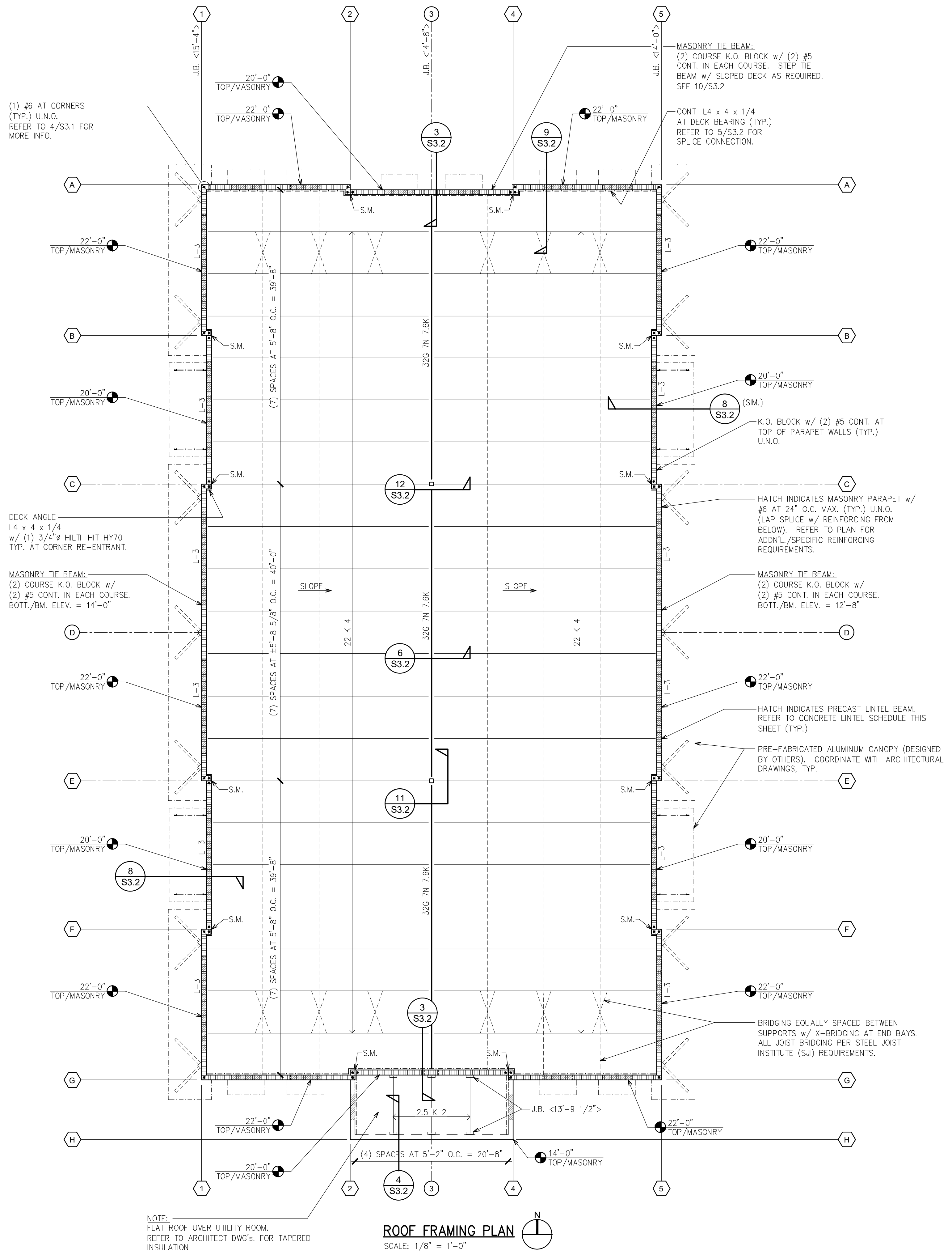
ULTIMATE WIND SPEED (mph): (FIGURE 1609)	170	INTERNAL PRESSURE COEFFICIENT: (Enclosed Building per ASCE 7-10)	+/- 0.18
WIND LOAD FACTOR:	0.6	WIDTH OF EDGE STRIP (feet):	8.0
RISK CATEGORY: (TABLE 1604.5)	II	WIND EXPOSURE CATEGORY:	C
ROOF ANGLE (A) (Degrees)	A<7.0	DEAD LOAD RESISTING UPLIFT (psf):	10.0

DESIGN WIND LOADS - COMPONENTS & CLADDING (Values per ASD)

ZONE	AREA (sf)	ROOF			ZONE	AREA (sf)	WALL	
		Positive	Negative	Net Uplift			Positive	Negative
1	10.0	16.33	-40.16	-30.16	4	10.0	36.75	-39.81
1	20.0	15.31	-39.13	-29.13	4	20.0	35.12	-38.19
1	50.0	13.96	-37.78	-27.78	4	50.0	32.97	-36.03
1	100.0	12.93	-36.75	-26.75	4	100.0	31.34	-34.41
2	10.0	36.75	-67.38	-57.38	5	10.0	36.75	-49.00
2	20.0	35.12	-60.21	-50.21	5	20.0	35.12	-45.75
2	50.0	32.97	-50.73	-40.73	5	50.0	32.97	-41.44
2	100.0	31.34	-43.56	-33.56	5	100.0	31.34	-38.19
3	10.0	36.75	-67.38	-57.38				
3	20.0	35.12	-60.21	-50.21				
3	50.0	32.97	-50.73	-40.73				
3	100.0	31.34	-43.56	-33.56				

Notes:
1) For effective areas between those given above the load may be interpolated, otherwise use the load associated with the lower effective area.
2) Plus and minus signs signify pressures acting toward and away from the building surfaces, respectively.
3) See pressure zone diagrams above for corresponding zones.

1 DESIGN WIND CRITERIA (ASD DESIGN)
NOT TO SCALE




BULLETIN LOG



WESTLAKE AUXILIARY SALES CENTER
CITY OF WESTLAKE
PALM BEACH COUNTY, FLORIDA

ISSUE DATE: - 09-30-16
ISSUED FOR: PERMIT
BUILDING SHELL ONLY

REVISION LOG



EAG
PROFESSIONAL ENGINEERING, INC. #
14912 Melissa Ann Dr. - Lutz, FL - 33558 #
PH: 813.963.1906 FX: 813.489.4646 #
Alan C. Guenther, P.E. #53308 / C.A. #26813

ALAN C. GUENTHER, PE #53308

TO THE BEST OF THE KNOWLEDGE OF THE ARCHITECTS AND ENGINEERS, SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE MINIMUM FIRE SAFETY STANDARDS.

WESTLAKE AUXILIARY SALES CENTER
PROJECT NAME

ROOF FRAMING PLAN

SHEET NAME

PROJECT NUMBER: 2016.082

DRAWN BY: MAK CHECKED BY: ACG

SCALE: SEE SHEET

S2.1
SHEET NUMBER