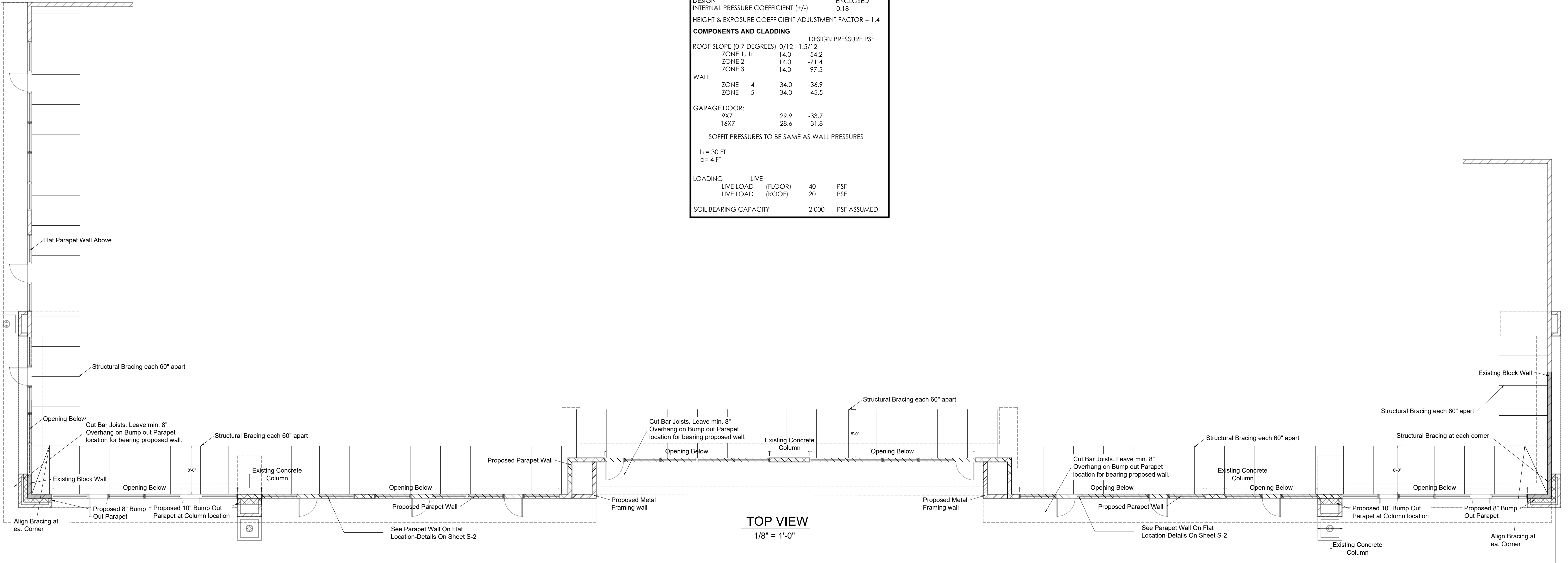


FRONT ELEVATION
1/8" = 1'-0"

DESIGN DATA			
FBC - 2020 7th EDITION (150- EXPOSURE C)			
WINDBORNE DEBRIS AREA	YES		
V(U)H ULTIMATE DESIGN WIND SPEED	150 MPH		
V(ASD) NOMINAL DESIGN WIND SPEED	116 MPH		
RISK CATEGORY	II		
SURFACE ROUGHNESS	C		
DESIGN	ENCLOSED		
INTERNAL PRESSURE COEFFICIENT (+/-)	0.18		
HEIGHT & EXPOSURE COEFFICIENT ADJUSTMENT FACTOR = 1.4			
COMPONENTS AND CLADDING			
		DESIGN PRESSURE PSF	
ROOF SLOPE (0-7 DEGREES)		0/12 - 1.5/12	
ZONE 1, 1r		14.0	-54.2
ZONE 2		14.0	-71.4
ZONE 3		14.0	-97.5
WALL	ZONE 4	34.0	-36.9
	ZONE 5	34.0	-45.5
GARAGE DOOR:			
9X7		29.9	-33.7
16X7		28.6	-31.8
SOFFIT PRESSURES TO BE SAME AS WALL PRESSURES			
h = 30 FT			
a = 4 FT			
LOADING		LIVE	
LIVE LOAD		(FLOOR)	40 PSF
LIVE LOAD		(ROOF)	20 PSF
SOIL BEARING CAPACITY		2,000	PSF ASSUMED



TOP VIEW
1/8" = 1'-0"

SCOPE OF WORK:

- CUT THE BAR JOISTS AS INDICATED.
- REMOVE EXISTING STRUCTURE PER ARCHITECTURAL PLANS.
- EXISTING ROOF TO REMAIN.
- ADD NEW STRUCTURE ACCORDING TO PLANS.

NOTE:

- ALL METAL TO METAL CONNECTION (STUDS TO TRACKS/STUDS) TO BE #10-16 SCREW UNO.
- ALL METAL FRAMING TO BE 16 GAUGE.
- USE CLARKDIETRICH BRAND OR SIMILAR.
- CONTRACTOR TO VERIFY ALL MEASUREMENTS PRIOR ANY WORK.
- SHEAR WALL TO BE CONSTRUCTED UP TO 10' FROM EACH EDGE.
- CONTRACTOR AND OWNER TO DECIDE FINAL LOCATIONS FOR BUMP-OUT AND FLAT PARAPET WALL. DETAILS PER SHEET S-2.
- NEW PRE-ENGINEERED CANOPY/AWNING/TRELLIS/ETC. AND CONNECTIONS (DESIGNED FOR OPEN-OBSTRUCTED WIND FLOW) BY OTHER ENGINEERS.

ALL THE DESIGN AND DETAILS ON THIS PLAN ARE THE PROPERTY OF FLORIDA ENGINEERING LLC, AND SHALL NOT BE USED, COPIED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF FLORIDA ENGINEERING LLC.

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FAX: 941-979-8195

I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS AND AS DOCUMENTED HEREON, IS IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE. THIS CERTIFICATION DOES NOT INCLUDE THE TRUSS COMPONENTS OF WHICH THE TRUSS DESIGN ENGINEER IS THE ENGINEER OF RECORD. THIS PLAN HAS BEEN PREPARED IN COMPLIANCE WITH THE 2020 7TH EDITION FLORIDA BUILDING CODE WITH SUPPLEMENTS.

ROYAL PLAZA
800 EAST BAY DRIVE
LARGO, FL 33770
FRAZE DESIGN

PROJECT NAME & ADDRESS:

REV Δ 1	REV Δ 4
REV Δ 2	REV Δ 5
REV Δ 3	REV Δ 6

DRAWN BY: ED

PROJECT NO: 21 040 73

SCALE: AS PER PLAN

SHEET TITLE:

STRUCTURAL
PLAN

SHEET NUMBER:

S-1