

BUILDING OPENINGS / DOOR & WINDOWS				DESIGN PRESSURES REQUIRED	DESIGN PRESSURES PROVIDED
MARK	SIZE (w x h)	QTY.	TYPE		
1	3'-0" X 5'-0"	17	PGT ALUM. CASEMENT WINDOW (FL245.2)	+34.4 / -42.1 PSF	+70.00 / -90.00 PSF
2	4'-8" X 8'-0"	1	JELD-WEN EXT. IN-SWING DOOR W/ SIDELITE (FL16674.6)	+34.4 / -42.1 PSF	+45.0 / -45.0 PSF
3	16'-0" X 8'-0"	1	CLOPAY BUILDING GARAGE DOOR (FL16107.2)	+34.4 / -42.1 PSF	+46.0 / -50.0 PSF
4	3'-0" X 8'-0"	1	JELD-WEN EXT. IN-SWING DOOR W/ SIDELITE (FL16674.6)	+34.4 / -42.1 PSF	+45.0 / -45.0 PSF
5	2'-0" X 3'-8"	2	PGT ALUM. CASEMENT WINDOW (FL245.2) (TEMP.)	+34.4 / -42.1 PSF	+70.00 / -90.00 PSF
6	2'-0" X 4'-4"	2	PGT ALUM. CASEMENT WINDOW (FL245.2) (TEMP.)	+34.4 / -42.1 PSF	+70.00 / -90.00 PSF
7	3'-4" X 5'-0"	6	PGT ALUM. CASEMENT WINDOW (FL245.2)	+34.4 / -42.1 PSF	+70.00 / -90.00 PSF
8	12'-0" X 8'-0"	1	JELD-WEN SLIDING GLASS DOOR (FL11109.2)	+34.4 / -42.1 PSF	+80.0 / -80.0 PSF
9	2'-6" X 8'-0"	1	JELD-WEN EXT. IN-SWING DOOR W/ SIDELITE (FL16674.6)	+34.4 / -42.1 PSF	+45.0 / -45.0 PSF
10	2'-8" X 3'-0"	1	PGT ALUM. CASEMENT WINDOW (FL245.2) (TEMP.)	+34.4 / -42.1 PSF	+70.00 / -90.00 PSF
11	3'-0" X 4'-0"	6	PGT ALUM. CASEMENT WINDOW (FL245.2)	+34.4 / -42.1 PSF	+70.00 / -90.00 PSF
11A	3'-0" X 1'-6"	6	PGT ALUM. FIXED TRANSOM WINDOW	+34.4 / -42.1 PSF	+70.00 / -90.00 PSF

NOTE: ALL EXTERIOR WINDOWS & DOORS ARE IMPACT GLASS
 NOTE: ALL GLAZING SHALL BE DOUBLE INSULATED LOW E GLASS
 NOTE: ALL EXTERIOR DOORS SHALL BE EQUIPPED W/ PANIC HARDWARE

LINTEL SCHEDULE			
MARK	SIZE (l x w x h)	STEEL REINFORCEMENT	QTY.
1 (WINDOW)	4'-4" X 8" X 8"	(1) #5	2
1a (WINDOW)	11'-8" X 8" X 8"	(2) #5	1
2 (DOOR W/SIDELITE)	6'-0" X 8" X 8"	(1) #5	1
3 (GARAGE DOOR)	17'-4" X 8" X 8"	(2) #5	1
4 (DOOR)	4'-8" X 8" X 8"	(1) #5	1
5 & 6 (WINDOWS)	3'-4" X 8" X 8"	(1) #5	4
7 (WINDOW)	8'-8" X 8" X 8"	(1) #5	2
7a (WINDOW)	4'-8" X 8" X 8"	(1) #5	2
8 (SLIDING GLASS DOOR)	13'-4" X 8" X 8"	(1) #5	1
9 (DOOR)	4'-2" X 8" X 8"	(1) #5	1
10 (WINDOWS)	4'-0" X 8" X 8"	(1) #5	1

NOTE: MIN. 8" BRG. FOR MASONRY LINTELS

FLOW THRU VENT LINTEL SCHEDULE			
MARK	SIZE (l x w x h)	STEEL REINFORCEMENT	QTY.
FLOW THRU VENT #1	4'-8" X 8" X 8"	(1) #5	5
FLOW THRU VENT #2	3'-4" X 8" X 8"	(1) #5	1
FLOW THRU VENT #3	4'-4" X 8" X 8"	(1) #5	1
FLOW THRU VENT #4	15'-4" X 8" X 8"	(2) #5	1
FLOW THRU VENT #5	14'-8" X 8" X 8"	(1) #5	1
FLOW THRU VENT #6	10'-0" X 8" X 8"	(1) #5	4
FLOW THRU VENT #7	10'-8" X 8" X 8"	(1) #5	1

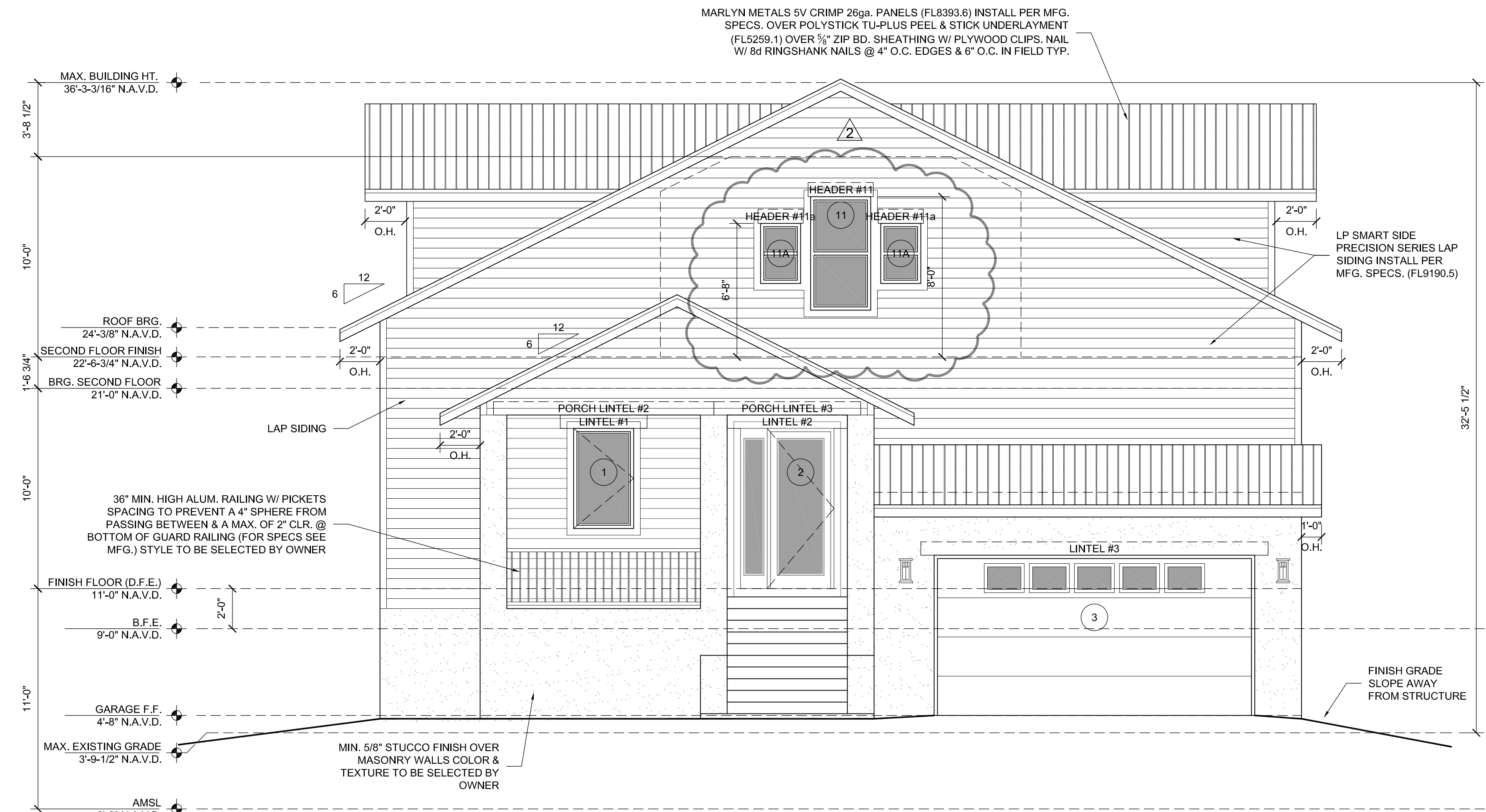
NOTE: MIN. 8" BRG. FOR MASONRY LINTELS

PORCH LINTEL SCHEDULE			
MARK	SIZE (l x w x h)	STEEL REINFORCEMENT	QTY.
1 (PORCH LINTEL)	8'-0" X 8" X 8"	(1) #5	2
2 (PORCH LINTEL)	11'-0" X 8" X 8"	(1) #5	1
3 (PORCH LINTEL)	7'-4" X 8" X 8"	(1) #5	1
4 (PORCH LINTEL)	23'-4" X 8" X 8"	(2) #5	1
5 (PORCH LINTEL)	10'-0" X 8" X 8"	(1) #5	1

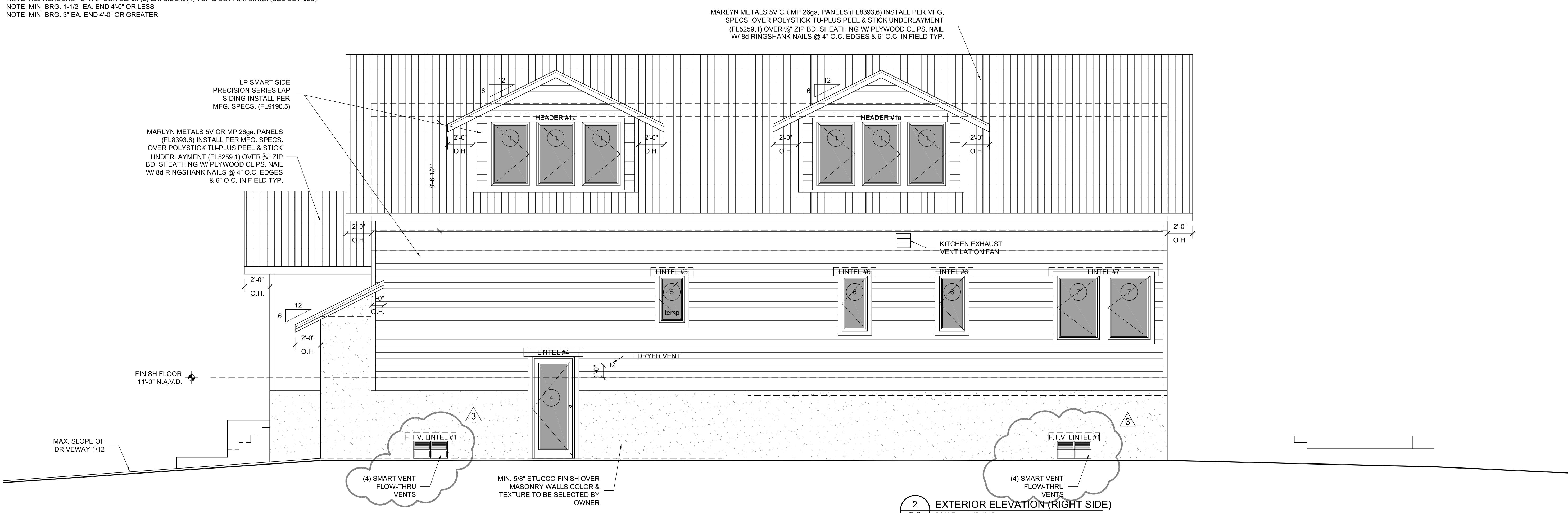
NOTE: MIN. 8" BRG. FOR MASONRY LINTELS

HEADER SCHEDULE		
MARK	SIZE (l x w x h)	QTY.
1a (WINDOWS) HEAD HT. 8'-6-1/2"	10'-4" X 5-1/2" X 8-1/2"	4
11a (WINDOW) HEAD HT. 8'-10"	10'-3" X 5-1/2" X 8-1/2"	2

NOTE: ALL HEADERS - 2" X 6" BOX BEAM (2) EA. SIDE & (1) TOP & BOTTOM U.N.O. (SEE DETAILS)
 NOTE: MIN. BRG. 1-1/2" EA. END 4'-0" OR LESS
 NOTE: MIN. BRG. 3" EA. END 4'-0" OR GREATER



1 EXTERIOR ELEVATION (FRONT)
 8.0 SCALE: 1/4"=1'-0"



2 EXTERIOR ELEVATION (RIGHT SIDE)
 8.0 SCALE: 1/4"=1'-0"

Drafting Provided By:
 CONTRACT CAD SERVICES, INC.
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 ph. (727) 579-4498
 www.contractcad.com
 Deuteronomy 4:39 Know therefore today, and take it to your heart, that the Lord, He is God in heaven above and on the earth below, there is no other.

STRUCTURAL ENGINEER:
 Gregory D. Gainer, P.E.
 5387 Alhambra Way South
 St. Petersburg, Florida 33712
 phone (727) 452-6823
 FL REG # 70885

I HEREBY CERTIFY THAT I HAVE REVIEWED THE ATTACHED DESIGN, AND FIND IT TO BE IN COMPLIANCE WITH ALL APPLICABLE SECTIONS OF THE 2014 FLORIDA BUILDING CODE 5th EDITION (STRUCTURAL ONLY)
 FL REG. #70885
 Gregory D. Gainer, P.E.

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 Email barry@wbccaps.com

CLIENT:
 PROJECT ADDRESS:
 4333 HELENA STREET NE
 ST. PETERSBURG, FLORIDA 33703
 PARCEL# 04-31-17-81558-026-0030
 PROJECT:
 NEW TWO STORY MASONRY / FRAME RESIDENCE
 (5) BEDROOM & (4.5) BATHROOMS W/ (2) CAR GARAGE
 FOR: MR. & MRS. BARRY CAPPS RESIDENCE

DESIGN CHANGE	DATE	DESCRIPTION
4	5/20/19	INTERIOR REMODEL OF ATTIC SPACE
3	4/9/18	CITY OF ST. PETERSBURG BUILDING DEPARTMENT COMMENTS
2	3/22/18	DESIGN CHANGE OF FLOOR SYSTEM
1	10/31/17	CITY OF ST. PETERSBURG BUILDING DEPARTMENT COMMENTS

SCALE: AS NOTED
 DRAFTING BY: J.L.L., B.L.L.
 CHECKED BY: G.D.G.
 JOB NUMBER: 2017-1439
 ISSUE DATE: 10-9-2017

Exterior Elevations
 SHEET NO. SHEET 8 OF 13
 8.0

BUILDING OPENINGS / DOOR & WINDOWS				DESIGN PRESSURES REQUIRED	DESIGN PRESSURES PROVIDED
MARK	SIZE (w x h)	QTY.	TYPE		
1	3'-0" X 5'-0"	17	PGT ALUM. CASEMENT WINDOW (FL245.2)	+34.4 / -42.1 PSF	+70.00 / -90.00 PSF
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LINTEL SCHEDULE			
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NOTE: MIN. 8" BRG. FOR MASONRY LINTELS

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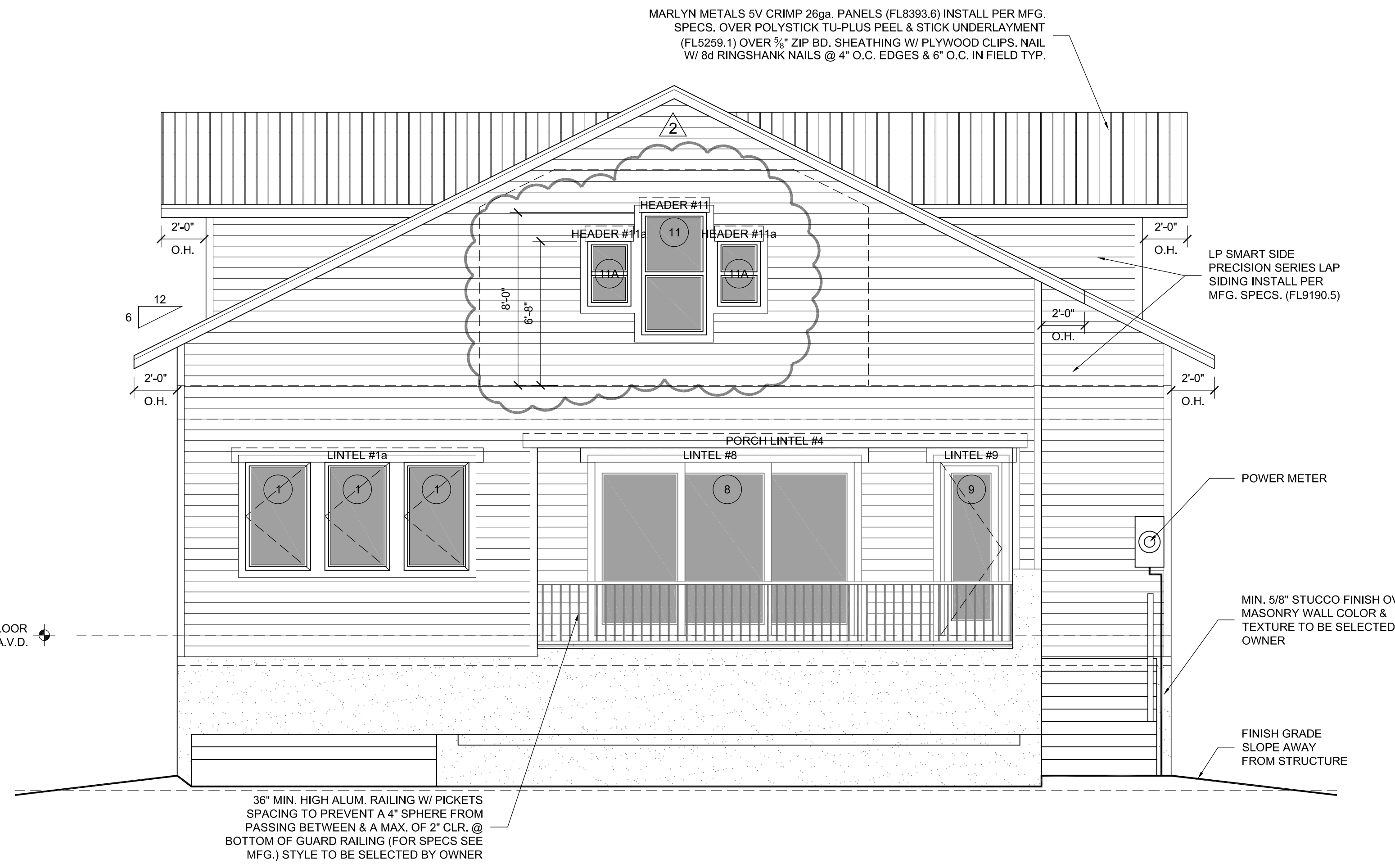
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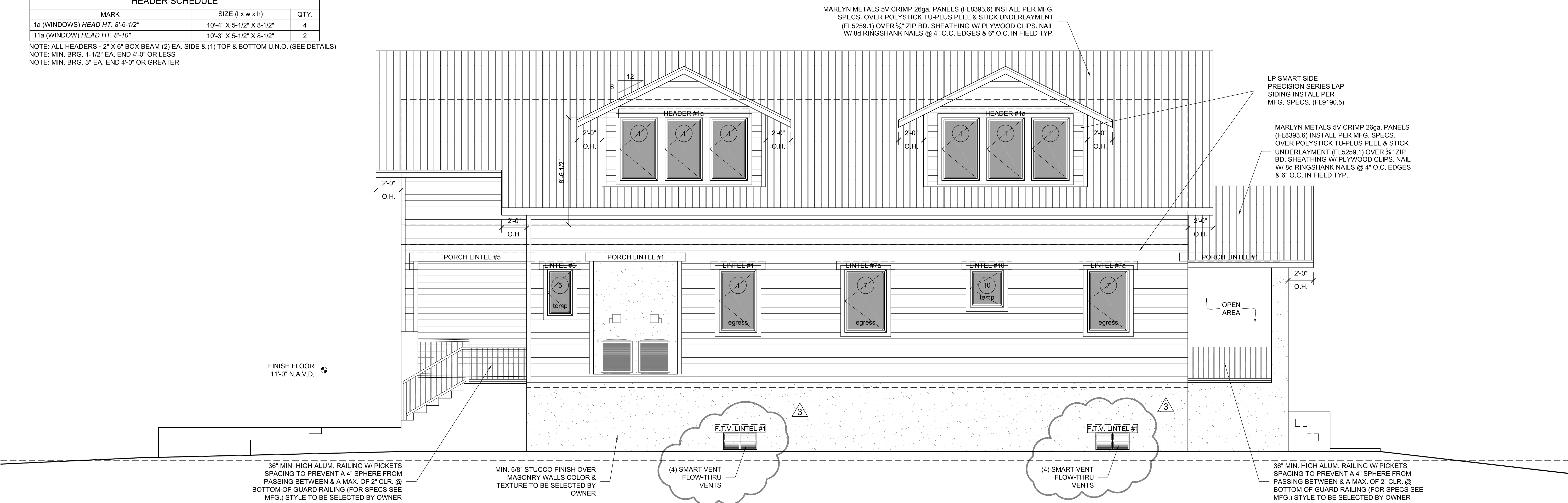
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1 EXTERIOR ELEVATION (REAR)
 8.1 SCALE: 1/4"=1'-0"



2 EXTERIOR ELEVATION (LEFT SIDE)
 8.1 SCALE: 1/4"=1'-0"

Drafting Provided By:

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 STRUCTURAL ENGINEER:
 Gregory D. Gainer, P.E.
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 St. Petersburg, Florida 33712
 phone (727) 452-6823
 FL. REG. # 70885

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 CONTRACTOR:
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 Email barry@wbcapps.com

CLIENT:
 PROJECT:
 NEW TWO STORY MASONRY / FRAME RESIDENCE
 (5) BEDROOM & (4.5) BATHROOMS W/ (2) CAR GARAGE
 FOR: MR. & MRS. BARRY CAPPS RESIDENCE

PROJECT ADDRESS:
 4333 HELENA STREET NE
 ST. PETERSBURG, FLORIDA 33703
 PARCEL# 04-31-17-81558-026-0030

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