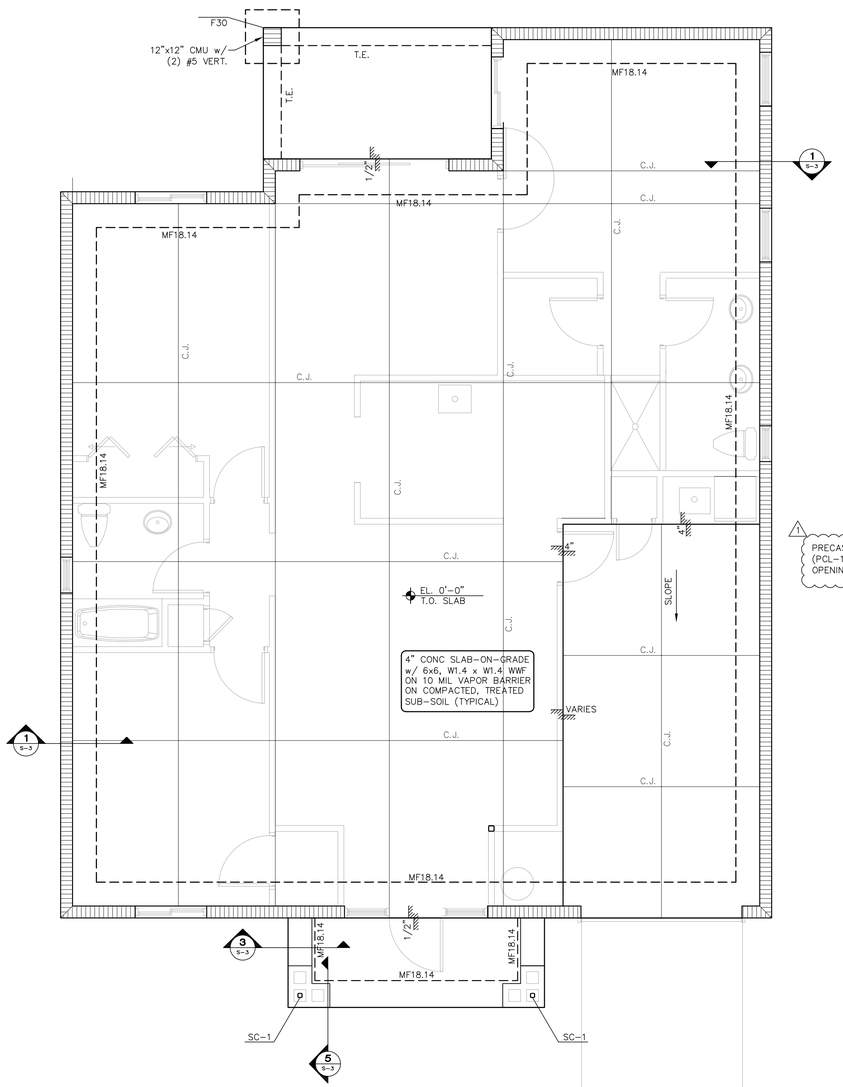
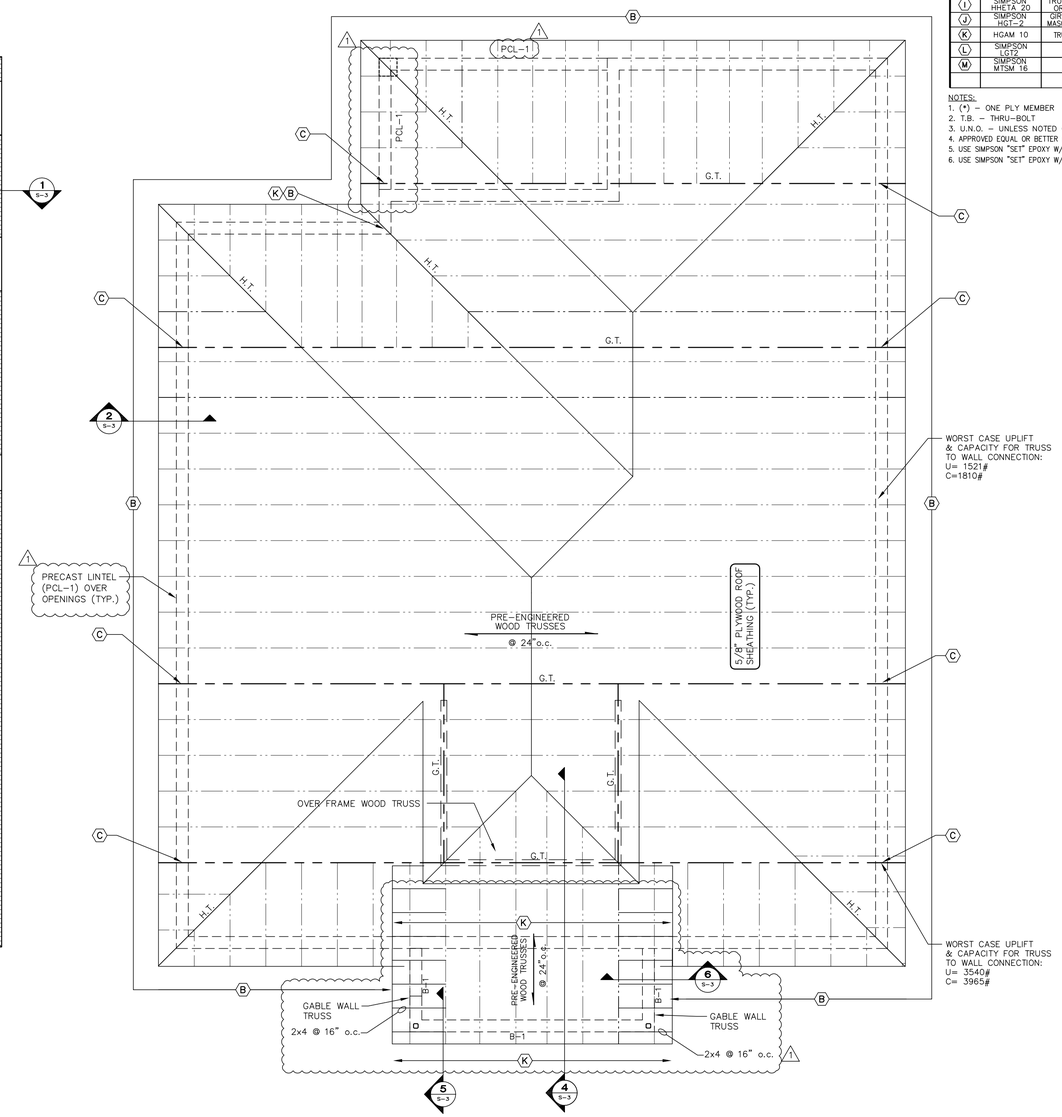


FOUNDATION PLAN TYPE 2 ALTERNATE

1/4"=1'-0"

NOTES:
1) ALL MASONRY WALLS SHALL BE MW-1 U.N.O.



ROOF PLAN TYPE 2 ALTERNATE

1/4"=1'-0"

NOTES:
1. AT ALL MASONRY WALLS, PROVIDE AN 8x16" MASONRY BEAM w/ 2#5 TOP & BOTT. AT TRUSS BEARING ELEVATION.
2. TRUSS BEARING ELEVATION +9'-4" U.N.O.
3. PCL-1 INDICATES A 8F16-1B/IT PRECAST LINTEL BY CASTCRETE. FOLLOW ALL MANUFACTURER REQUIREMENTS.

PROVIDE ANCHOR STRAP FROM TABLE BELOW AT EACH BEARING POINT FOR EACH WOOD TRUSS AND EACH GIRDER TRUSS ADEQUATE TO RESIST UPLIFT AS SPECIFIED BY THE WOOD TRUSS MANUFACTURER.

TRUSS TIE DOWN SCHEDULE

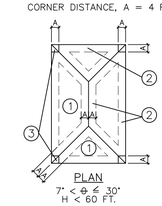
MARK	MANUF & MODEL NO.	STRUCTURAL COMPONENT	PRODUCT APPROVAL	NAILS TO COMPONENT	NAILS TO SEAT	BOLTS	ALLOWABLE UPLIFT	LATERAL LOAD PARALLEL TO WALL	LATERAL LOAD PERPEND. TO WALL
A	SIMPSON HETAL 12	TRUSS/MASONRY OR CONCRETE	FL11473.5	7-10d x 1 1/2"	-	-	1265 # (*)	415 #	1100 #
B	SIMPSON HETAL 16	TRUSS/MASONRY OR CONCRETE	FL11473.5	14-10d x 1 1/2"	5-10d x 1 1/2"	-	1810 # (*)	415 #	1100 #
C	SIMPSON MGT	GIRDER TRUSS/ MASONRY OR CONC.	FL11470.7	22-10d	NOTE 5	5/8"ø	3965 # (**)	-	-
F	SIMPSON STRZ24	-	FL10852.13	14-16d TO TRUSS	14-16d TO BEAM	-	2540 # (**)	-	-
G	SIMPSON MTS 12	-	FL10456.33	7-10d x 1 1/2"	7-10d x 1 1/2"	-	840 # (*)	-	-
H	SIMPSON MTS 20	-	FL10456.33	7-10d	7-10d	-	1000 # (*)	-	-
I	SIMPSON HHETA 20	TRUSS/MASONRY OR CONCRETE	FL11473.9	12-10dx1 1/2"	-	-	2235 # (*)	335 #	730 #
J	SIMPSON HGT-2	GIRDER TRUSS/ MASONRY OR CONC.	FL10456.18	16-10d	NOTE 5	2-3/4"ø	10980 # (**)	-	-
K	HGAM 10	TRUSS / CMU	FL11473.6	4-SDS 1/4"x 1 1/2"	(4)1/4" X 2 3/4" TITEN	-	850 #	1105 #	1005 #
L	SIMPSON LGT2	-	FL11470.6	16-16d SINKER	(7)1/4" X 2 1/4" TITEN	-	2150 # (**)	-	-
M	SIMPSON MTSM 16	-	FL11473.2	7-10d	(4)1/4" X 2 1/4" TITEN TO BEAM	-		235 #	190 #

NOTES:
1. (*) - ONE PLY MEMBER (**) - TWO PLY (MIN.) MEMBER
2. T.B. - THRU-BOLT
3. U.N.O. - UNLESS NOTED OTHERWISE
4. APPROVED EQUAL OR BETTER TIE DOWNS FOR THE SAME LATERAL & UPLIFT LOADS ARE ACCEPTABLE.
5. USE SIMPSON "SET" EPOXY W/ 12" MIN. EMBED.
6. USE SIMPSON "SET" EPOXY W/ 5" MIN. EMBED.

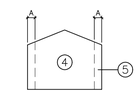
PLYWOOD SHEATHING NAILING SCHEDULE
(WALLS AND ROOF)

NAIL SIZE	NAIL SPACING	ZONE
10d RING SHANK	4" @ EDGES, 6" @ INTERMEDIATE SUPPORTS	ROOF 3
10d RING SHANK	6" @ EDGES, 6" @ INTERMEDIATE SUPPORTS	ROOF 1 2
10d RING SHANK	4" @ EDGES, 8" @ INTERMEDIATE SUPPORTS	WALL 5
10d RING SHANK	6" @ EDGES, 12" @ INTERMEDIATE SUPPORTS	WALL 4

CORNER DISTANCE, A = 4 FEET



PLAN
7° < Θ ≤ 30°
H < 60 FT.



ELEVATION

FOOTING SCHEDULE

MARK	SIZE	REINFORCING
MF18.14	1'-6" x CONT. x 14"	3 #5 CONT. BOTTOM
F30	3'-0" x 3'-0" x 12"	4 #5 EACH WAY BOTTOM

STEEL COLUMN SCHEDULE

MARK	SIZE	BASE PL	A.B.	REM
SC-1	3"x3"x1/4"	5"x5"x3/4" EMBED PL W/ (3) 1/2" ø H.S.	-	-

MASONRY WALL SCHEDULE

MARK	THICKNESS	REINFORCING
MW-1	8" CMU	#5 @ 48"o.c.

MASONRY WALL NOTES:
1. WALL SEGMENTS SHALL BE REINFORCED WITH 9 GA. GALVANIZED LATERAL REINFORCING @ 16" O.C. HORIZ. EXTEND REINFORCING 6" INTO POURED ELEMENTS AND AROUND ENCASED STEEL.
2. ADJACENT TO ANY EXTERIOR/INTERIOR WALL OPENING, PLACE (1) MATCHING VERTICAL IN CELL GROUTED SOLID, FULL HEIGHT.
3. ALL MASONRY REINFORCED CELLS SHALL BE FILLED WITH 3000 PSI GROUT MIX.
4. AT END, CORNERS, AND INTERSECTION OF WALLS PLACE (1) MATCHING VERTICAL IN CELL GROUTED SOLID, FULL HEIGHT.

BEAM SCHEDULE

MARK	SIZE BxH (inches)	REINFORCING BOTT	REINFORCING TOP	REINFORCING INT	STIRRUPS TIES	STIRRUPS SPACING
B-1	8 x 16	2 #5	2 #5	-	#3	@ 8"o.c. TRANSV

NOTES :
1. TIE-BEAMS INTENDED TO BE CAST ATOP MASONRY WALLS - EXTEND AND HOOK WALL REINFORCING INTO TIE-BEAM.

Structural Drawing Updated 7.21.17
Based on Architectural Backgrounds Dated 7.25.17

Dwayne R Jackson

Digitally signed by Dwayne R Jackson
DN: 0.9.2342.19200300.100.1.1=A01410D0000016FD8E5891B0000083ID, cn=Dwayne R Jackson, c=US
Date: 2020.10.12 14:47:30 -04'00'

DWAYNE R. JACKSON LICENSE No. 40155 STATE OF FLORIDA PROFESSIONAL ENGINEER

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PERMIT SET
08-01-17

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JOB # 486.101

CITY OF WEST PALM BEACH
DEVELOPMENT SERVICES DEPARTMENT
17120258
04/26/21
OFFICIAL PERMIT RECORD

MERRYPLACE HOMES
WEST PALM BEACH, FLORIDA

TYPE 2 ALTERNATE

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REV. NO.	DATE	DESCRIPTION
1	2/12/18	PLAN REVIEW COMMENTS

JOB NO: 1702
DRAWN BY: JO, DL, PA
DATE: 08/01/17
SCALE:
FILE:

SHEET NO.
S-1