NOTE:
GENERAL CONTRACTOR AND OWNER TO VERIFY ALL DIMENSIONS AND SPECIFICATIONS PRIOR TO CONSTUCTION.

CEILINGS EXPOSED TO WIND

CEILINGS EXPOSED TO WIND TO BE ⅜" EXTERIOR DRYWALL ATTACHED TO BOTTOM OF TRUSS CHORDS W/ 6D COOLER NAILS X 1 7/8" L OR 1½" DRYWALL SCREWS AT 6" OC EDGES AND FIELD.

ALL EXTERIOR MASONRY WALLS ACT AS SHEAR WALLS/PIERS BASED ON RELATIVE RIGIDITY

ROUGH-IN FOR FUTURE POOL

CONNECTOR TABLE

SIMPSON	USP	UPLIFT (LBS)	FASTENING INFORMATION	ADDITIONAL INSTRUCTIONS
WOOD TO WOOD				
HTS20	HTW20	1450	(24) 10D x 1 1/2" NAILS TOTAL	(2)+ PLY TRUSSES USE (20)10D NAILS [1]
(2) HTS20	(2) HTW20	2900	(24) 10D X 1 1/2" NAILS EACH STRAP	(2)+ PLY TRUSSES USE (20)10D NAILS
H10A	RT16A	1140	(9) 10DX1-1/2" NAILS TO RAFTER & (8)10D TO PLATE	
SPH4/6/8	SPTH4/6/8	1360	(12) 10D NAILS TO STUD	
WOOD TO CONCRETE [1]				
HETA16	–	1810	(9) 10DX1-1/2" NAILS & 4" EMBEDMENT†	TYP FOR 1 OR MORE PLY TRUSSES [1, 2]
(2)HETA16	–	2035	(5) 10DX1-1/2" NAILS & 4" EMBEDMENT EA. STRAP	TYP FOR 1 PLY TRUSSES [2]
(2)HETA16	–	2500	(5) 10DX1-1/2" NAILS & 4" EMBEDMENT EA. STRAP	TYP FOR 2 OR MORE PLY TRUSSES [2]
–	HTA16	1870	(9) 10DX1-1/2" NAILS & 4" EMBEDMENT†	TYP FOR 1 OR MORE PLY TRUSSES [1, 2]
–	(2) HTA16	2430	(9) 10D NAILS & 4" EMBEDMENT EACH STRAP	OFFSET CONCRETE EMBEDMENT 3/4" MIN
HTSM20	HTWM20	1175	(8) 10D NAILS & (4) 1/4" X 2-3/4" TAPCONS	TYP FOR MISSED STRAPS (NO LIMIT)
OTHER CONNECTORS				
MGT	MUGT15	3965	5/8" ATR EMBED 6" & (22) 10D NAILS TO WOOD	ADD 4" TO EMBED FOR LINTEL BEAMS
HGT	HUGT	9790	(2)3/4" ATR EMBED 10" & (8) [16 FOR HGT] 10D NAILS	ADD 4" TO EMBED FOR LINTEL BEAMS
FGTR	–	5000	(2) 1/2"X5" TITEN HD & (18) SDS1/4X3 TO WOOD	MAY BE FGTRHL/R (3850 MAX UPLIFT)
(2) FGTR	–	9400	(2) 1/2"X5" TITEN HD & (18) SDS1/4X3 TO WOOD (EA)	MAY BE (2) FGTRHL/R (7200 MAX UPLIFT)
HTT4	HTT4	4235	5/8" ATR EMBED 6" & (18) 16D NAILS TO WOOD	ADD 4" TO EMBED FOR LINTEL BEAMS
HTT5	HTT5	5090	5/8" ATR EMBED 6" & (26) 16D NAILS TO WOOD	ADD 4" TO EMBED FOR LINTEL BEAMS
HDQ8-SDS	PHD8	7630	7/8" ATR EMBED 12" & (20) 3" WOOD SCREWS	3 1/2" MIN WOOD MEMBER
HHDQ11-SDS	UPHD9	11810	1" ATR EMBED 12" & (24) 3" WOOD SCREWS	5 1/4" MIN WOOD MEMBER
HHDQ14-SDS	UPHD14	13710	1" ATR EMBED 12" & (30) 3" WOOD SCREWS	5 1/4" MIN WOOD MEMBER
MBHA	NFMXXU	3165	3/4"X8" ATR EMBED FACE & TOP (1/2" TOP FOR NFM)	ENGINEER TO SPECIFY USAGE ON PLANS
RPS22	KRPS22	1720	(8)16D NAILS EACH END	NOTCHED PLATE REPAIR AT EACH PLY

GENERAL NOTES

1) NAILING MAY BE REDUCED FOR LOWER UPLIFTS. PROVIDE (1) 10DX1-1/2" NAIL FOR EA 100 LBS OF UPLIFT (4 NAILS MIN).
2) MISSED STRAPS PROVIDE HTSM20/MTWM20 1-1/2" MIN EDGE DISTANCE. UNLIMITED USE MAXIMUM UPLIFT 1175#. FOR UPLIFTS TO 3965# PROVIDE MUGT15/MGT – NO LIMIT TO NUMBER OF MISSED CONNECTORS ALLOWED
3) REPLACEMENT OF CONNECTOR ON PLAN WITH EQUAL OR BETTER PER THIS TABLE IS ACCEPTABLE

PRECAST LINTEL SCHEDULE

8"H. knockout block FILLED SOLID W/ (1) #5 BAR OR 4" TO 7" H FORMED & POURED BEAM W/ (1)#5 BAR.
8" X 8" PRECAST CONC. "U" LINTEL. Provide 8" bearing at ea end. FILLED SOLID w/ (1) #5 BAR
NOTE: SET LINTEL AT REQUIRED HEADER HGT. ADDITIONAL COURSES OF STD BLK CAN BE ADDED BETWEEN LINTEL COURSE AND PRECAST. SOLID GROUT ENTIRE ASSEMBLY
PCL 1 — TYP. OVER ALL OPENINGS (U.N.O.)

8"H. knockout block FILLED SOLID W/ (1) #5 BAR OR 4" TO 7" H FORMED & POURED BEAM W/ (1)#5 BAR.
8" X 8" PRECAST CONC. "U" LINTEL. Provide 8" bearing at ea end. UN-FILLED
NOTE: SET LINTEL AT REQUIRED HEADER HGT. ADDITIONAL COURSES OF STD BLK CAN BE ADDED BETWEEN LINTEL COURSE AND PRECAST.
PCL 2

DESIGN CRITERIA

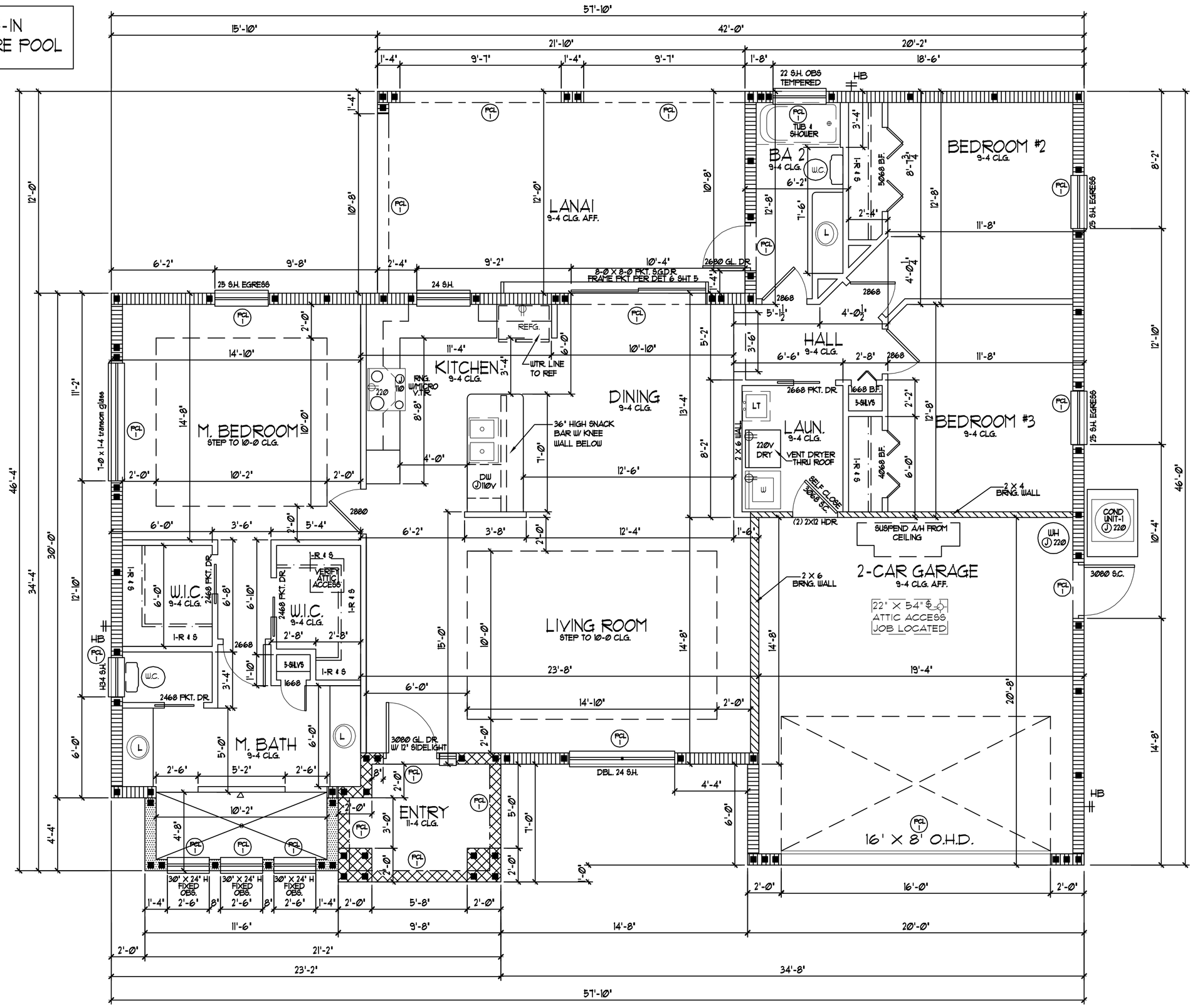
DWELLING FLOORS/SLAB ON GRADE – 40 PSF LIVE LOAD + 55 PSF DEAD LOAD.
DWELLING FLOORS/WOOD DECKING – 40 PSF LIVE LOAD + 15 PSF DEAD LOAD.
BALCONIES & PORCHES – 40 PSF LIVE LOAD + 15 PSF DEAD LOAD.
ROOF LOADS = 30 PSF LIVE LOAD, 17 PSF DEAD LOAD
ULTIMATE WIND SPEED = 160 MPH, PER ASCE 7-10
IMPORTANCE FACTOR = 1.0
EXPOSURE = C, RICK CATEGORY II
INTERNAL PRESSURE COEFFICIENT = .18(BUILDING, FULLY ENCLOSED)

R302.5.1 OPENING PROTECTION
OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1-3/8" THICK, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1-3/8" THICK, OR 20-MINUTE FIRE-RATED DOORS.

R302.5.2 DUCT PENETRATION
DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM NO. 26 GAGE (0.48 MM) SHEET STEEL, 1 INCH MINIMUM RIGID NONMETALLIC CLASS 0 OR CLASS 1 DUCT BOARD, OR OTHER APPROVED MATERIAL AND SHALL HAVE NO OPENINGS INTO THE GARAGE.

R302.6 SEPARATION REQUIRED
THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC BY NOT LESS THAN 1/2 INCH GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED FROM ALL HABITABLE ROOMS ABOVE BY NOT LESS THAN 5/8 INCH TYPE "X" GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPARATION IS A FLOOR-CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT

NOTE: THE ROOF TRUSS LAYOUT ON THESE PLANS ARE BASED ON . IF THE FINAL LAYOUT DRAWINGS DIFFER IN CONFIGURATION OR BEARING POINTS FROM THIS PLAN, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE SAID TRUSS MANUFACTURER'S DRAWINGS REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER OF RECORD, BEFORE THE START OF CONSTRUCTION FOR THIS PROJECT.



FLOOR PLAN
SCALE = ¼"=1'-0"

WALL HEIGHT SCHEDULE

9'-4" WALL
10'-2" WALL VERIFY W/ TRUSS
11'-4" HIGH WALL

LIVING	1658 S.F.
LANAI	262 S.F.
ENTRY	64 S.F.
GARAGE	404 S.F.
TOTAL AREA	2388 S.F.

WOOLF & ASSOCIATES
20929 VETERANS BLVD
PORT CHARLOTTE, FL
PH: (941) 764-0200

RAISED SEAL WITH ENGINEER'S SIGNATURE CERTIFIES THAT THE STRUCTURAL COMPONENTS OF THIS PLAN ARE IN COMPLIANCE TO THE FLORIDA BUILDING CODES 6TH EDITION (2017). RESISTANCE TO WIND PRESSURE IS IN COMPLIANCE WITH SECTION 1609. PLAN REQUIRES A RAISED SEAL OR DIGITAL SEAL AND IS VALID FOR ONE YEAR ONLY FROM DATE OF SEAL.

MICHAEL S. WOOLF - FL PE 55307 - CERT OF AUTH. 26845

BUILDER
BUILD RITE BUILDERS

COMMERSONS 1657

SNYDERS DRAFTING
1578 EL JOBEAN RD
PORT CHARLOTTE, FL. 33948
(941) 766-7977

DRAWING DATE
9-27-18

REVISION DATE
10-12-18
10-25-18
11-08-18
11-14-18

DRAWN BY:
RLS

DRAWING NO.
BUILDRITEMOD1

SHEET
1 OF 5