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

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

CEILINGS EXPOSED TO WIND

CEILINGS EXPOSED TO WIND TO BE 5/8" SOFFIT BOARD ATTACHED TO BOTTOM OF TRUSS CHORDS W/ 6D COOLER NAILS X 1 7/8" L OR 1 1/4" DRYWALL SCREWS AT 6" OC EDGES AND FIELD.

MINIMUM ROOF VENT AREA PER FBC R806.2

AREA

VENTING REQUIRED

NOTE: 1/150 IS REQUIRED UNLESS AT LEAST 40 PERCENT AND NOT MORE THAN 50 PERCENT OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC OR RAFTER SPACE. UPPER VENTILATORS SHALL BE LOCATED NO MORE THAN 3 FEET (914 mm) BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE, MEASURED VERTICALLY, WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS. WHERE THE LOCATION OF WALL OR ROOF FRAMING MEMBERS CONFLICTS WITH THE INSTALLATION OF UPPER VENTILATORS, INSTALLATION MORE THAN 3 FEET (914 mm) BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE SHALL BE PERMITTED.

DISCRETE ROOF AREAS TO HAVE PERCENTAGE OF TOTAL VENTING PROPORTIONAL TO THE PERCENTAGE OF AREA

STRUCTURAL NOTES

[illegible]

CONNECTOR TABLE

SIMPSON	USP	UPLIFT (lbs)	FASTENING INFORMATION	ADDITIONAL INSTRUCTIONS
WOOD TO WOOD				
HTS20	HTW20	1450	(20) 10D NAILS TOTAL	
(2) HTS20	(2) HTW20	2900	(20) 10D NAILS EACH STRAP	
H10A	H10A	1140	(9) 10DX1-1/2" NAILS TO RAFTER & (9)10D TO PLATE	
SPH4/6/8	SPTH4/6/8	1360	(12) 10D NAILS TO STUD	
WOOD TO CONCRETE				
HETA20	–	1450	(7) 10DX1-1/2" NAILS & 4" EMBEDMENT	TYP FOR HIP JACKS OR 1-PLY TRUSSES
HETA20	–	1810	(10) 10DX1-1/2" NAILS & 4" EMBEDMENT	TYP FOR HIP JACKS OR 1-PLY TRUSSES
–	HTA16	1870	(10) 10DX1-1/2" NAILS & 4" EMBEDMENT	TYP FOR HIP JACKS OR 1-PLY TRUSSES
HTSM20	HTWM20	1175	(8) 10D NAILS & (4) 1/4"X2-3/4" TAPCONS	TYP FOR MISSED STRAPS (NO LIMIT)
(2) HETA20	–	1980	(5) 10DX1-1/2" NAILS EACH STRAP	TYP FOR 1-PLY TRUSSES / GIRDERS
(2) HETA20	–	2300	(7) 10D NAILS EACH STRAP & 4" EMBEDMENT	TYP FOR 2-PLY TRUSSES / GIRDERS
–	(2) HTA16	2430	(10) 10D NAILS EACH STRAP & 4" EMBEDMENT	TYP FOR 1 or 2-PLY TRUSSES / GIRDERS
OTHER CONNECTORS				
MGT	NUGT15	3950	5/8" ATR EMBED 6" & (22) 10D NAILS TO WOOD	ADD 4" TO EMBED FOR LINTEL BEAMS
HGT	HUGT	8710	(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 (3950 MAX UPLIFT)
(2) FGTR	–	8400	(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
MSH4	MPHWAJ	3165	3/4"X6" ATR EMBED FACE & TOP (1/2" TOP FOR MPH)	ENGINEER TO SPECIFY USAGE ON PLANS
RPS22	MRPS22	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/HTWM20 1-1/2" MIN EDGE DISTANCE. UNLIMITED USE MAXIMUM UPLIFT 1175#. FOR UPLIFTS TO 3950# PROVIDE NUGT15/MGT
3) WHERE ENGINEER SPECIFIES REFERENCED STRAP FOR 1-PLY TRUSSES, ADD 24" MIN 2X SCAB TO TRUSS CHORD
4) REPLACEMENT OF CONNECTOR ON PLAN WITH EQUAL OR BETTER FOR THIS TABLE IS ACCEPTABLE

PRECAST LINTEL SCHEDULE

8"X 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 each end FILLED SOLID W/ (1) #5 BAR

NOTE: SET LINTEL AT REQUIRED HEADER HGT. ADDITIONAL COURSES OF 8"D BLK CAN BE ADDED BETWEEN LINTEL COURSE AND PRECAST SOLID GROUT ENTIRE ASSEMBLY

PCL 1 — TYP. OVER ALL OPENINGS (U.N.O.)

8"X 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 each end UN-FILLED

NOTE: SET LINTEL AT REQUIRED HEADER HGT. ADDITIONAL COURSES OF 8"D BLK CAN BE ADDED BETWEEN LINTEL COURSE AND PRECAST

PCL 2

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 EQUIPPED W/ SELF CLOSING DEVICE.

R302.5.2 DUCT PENETRATION
[illegible]

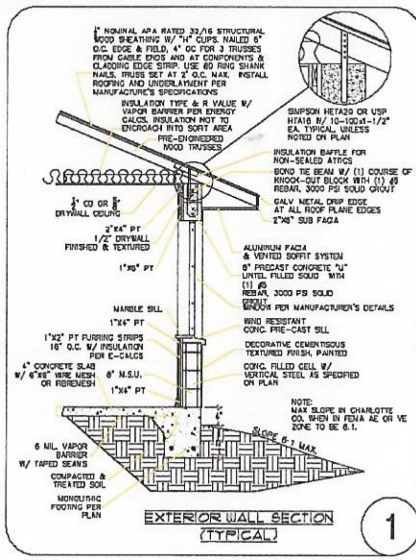
R302.6 SEPARATION REQUIRED
[illegible]

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 = 10
EXPOSURE = C, RISK CATEGORY II
INTERNAL PRESSURE COEFFICIENT = .18(BUILDING, FULLY ENCLOSED)

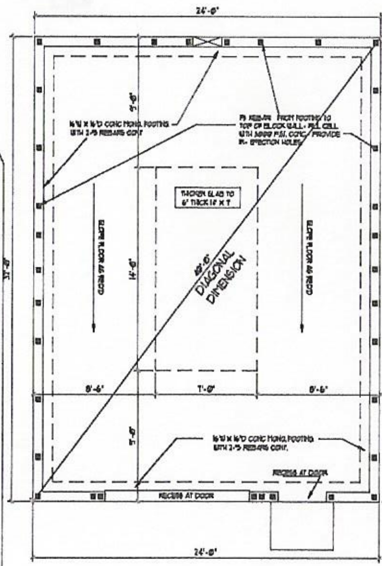
NOTE: THE ROOF TRUSS LAYOUT ON THESE PLANS ARE BASED ON truss company, job # and date. IF THE FINAL LAYOUT DRAWINGS DIFFER IN CONFIGURATION OR BEARING POINTS FROM THIS PLAN, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE SAID TRUSS MANUFACTURER'S DRAWINGS REVIEWED AND APPROVED BY THE STRUCTURAL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

CONTROL JOINT NOTE
[illegible]

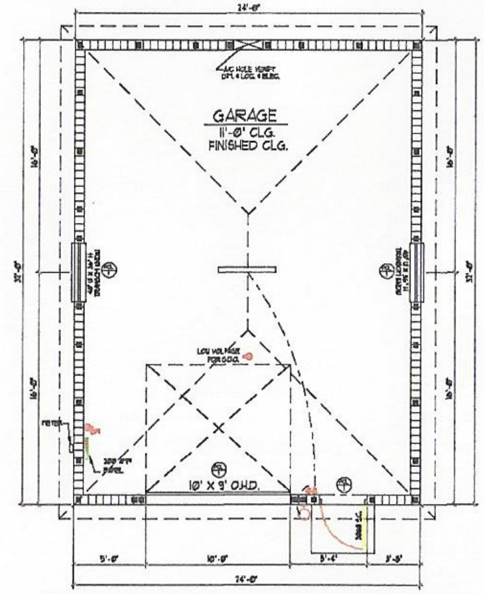


EXTERIOR WALL SECTION
(TYPICAL)

1

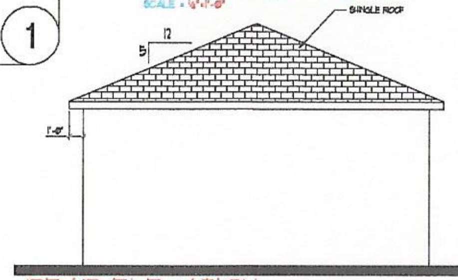


FOUNDATION PLAN
SCALE = 1/4"=1'-0"

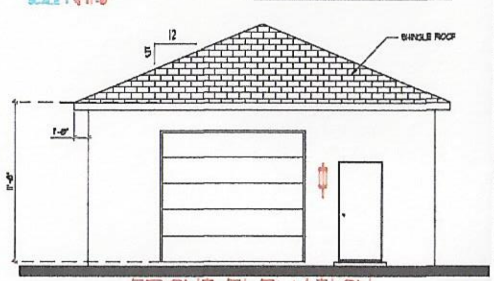


FLOOR PLAN
SCALE = 1/4"=1'-0"

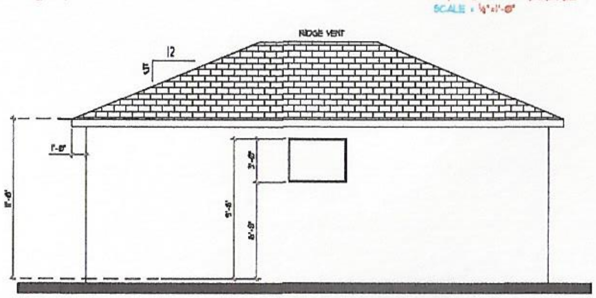
TOTAL AREA 768 SF.



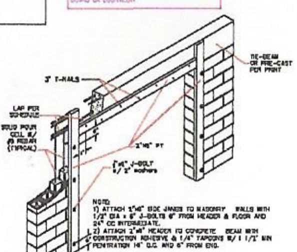
REAR ELEVATION
SCALE = 1/4"=1'-0"



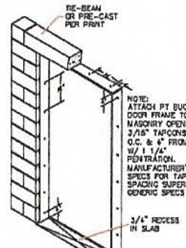
FRONT ELEVATION
SCALE = 1/4"=1'-0"



LEFT & RIGHT ELEVATION
SCALE = 1/4"=1'-0"



GARAGE DOOR BUCK DETAIL



EXTERIOR DOOR BUCK DETAILS

WOOLF & ASSOCIATES [illegible]

BUILDER
K.R. BROBST BUILDER

PROPOSED GARAGE FOR :
POORE
9333 CRUGER TERR. ENGELWOOD

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

DRAWING DATE 09-06-17

REVISION DATE

DRAWN BY: RLS

DRAWING NO.

SHEET 1 OF 1