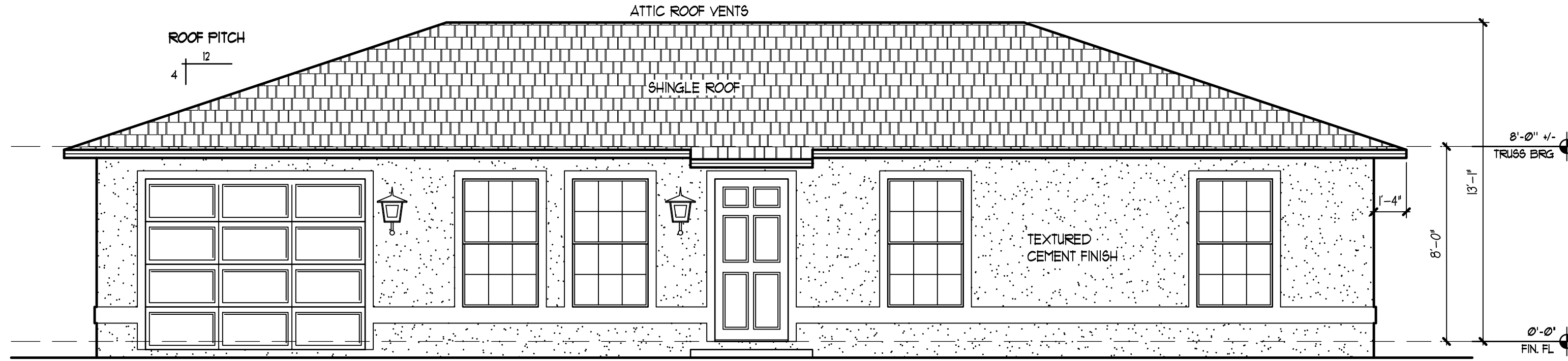


**LEFT SIDE ELEVATION**  
SCALE = 1/4"=1'-0"



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

# FREEDOM PLAN

**NOTE:**  
CONTRACTORS AND/OR OWNER  
TO FIELD VERIFY ALL  
DIMENSIONS AND DETAILS.

**MEMO: BLOCK MASON**  
ALL WINDOW AND DOOR  
DIMENSIONS SHOWN ON PLAN  
ARE NOMINAL. BLOCK MASON TO  
REFER TO WINDOW OR DOOR  
MFG'S SPECIFICATIONS FOR  
EXACT ROUGH OPENING  
REQUIREMENTS

**MEMO:**  
TERMITE PROTECTION TO BE  
COMPLIANT W/ FBC 186  
SOIL PROTECTION TO EXTEND  
12" BEYOND EXTERIOR WALLS  
OF STRUCTURE

**MEMO:**  
CONDENSATION LINES AND  
DRAINPOINTS TO BE 1/2" MIN.  
FROM SIDES OF STRUCTURE

**MEMO:**  
GLAZED WINDOW & DOOR OPENINGS TO BE  
PROTECTED BY APPROVED IMPACT RESISTANT  
GLAZING

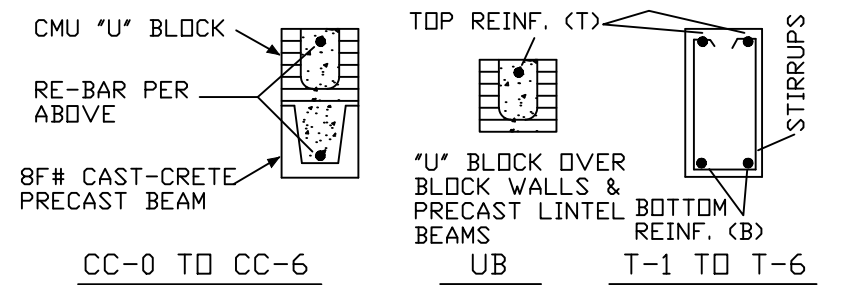
**MEMO:**  
HIP ROOF  
4/12 PITCH  
16" OVERHANG

BEAM SCHEDULE				
MARK	CAST CRETE BM.	TOP REINF.	BOTTOM REINF.	OPTIONAL BEAM
CC-0	8F8	1#5	NONE	T-1 F&P
CC-1	8F8	1#5	1#5	T-1 F&P
CC-2	8F16	1#5	NONE	T-4 F&P
CC-3	8F16	1#5	1#5	T-4 F&P
CC-4	8F24	1#5	1#5	T-8A F&P

ALL CC-X BEAMS TO BE EQUAL TO "CAST-CRETE" BEAMS  
(OPTIONAL F&P BEAMS MAY BE SUBSTITUTED IN THEIR PLACE)  
PLEASE SEE NOTE BELOW ABOUT PRE-STRESSED BEAMS

FORM AND POUR BEAMS				
MARK	WIDTH	DEPTH	BOTTOM	TOP
T-1	8"	8"	1#5	1#5
T-2	8"	8"	2#5	2#5
T-3	8"	12"	2#5	2#5
T-3A	8"	12"	3#5	2#5
T-4	8"	16"	2#5	2#5
T-5	8"	16"	3#5	2#5
T-5A	8"	16"	3#5	2#5
T-6	8"	16"	4#5 2 LAYERS	2#5
T-7	8"	20"	2#5	2#5
T-7A	8"	20"	3#5	2#5
T-8	8"	24"	2#5	2#5
T-8A	8"	24"	4#5 2 LAYERS	3#5

NOTE: ALL STIRRUPS START AT 4" FROM END OF BEAMS  
NOTE: WHEN 2 LAYERS ARE DESIGNATED THE TOTAL AMOUNT  
OF BARS LISTED IS FOR THE 2 LAYERS



UNLESS OTHERWISE NOTED, TYPICAL BEAM FOR OPENINGS  
SHALL BE A CC-2; & OVER BLOCK WALLS SHALL BE UB  
NOTE: IF FORM & POUR BEAMS ARE USED THEN THE  
TYPICAL BEAM FOR OPENINGS SHALL BE T-4 BEAM

NOTE: DESIGNATED PRECAST CC-3 BEAMS & T-4 FORM & POUR  
BEAMS ARE INTERCHANGEABLE UNLESS OTHERWISE NOTED  
NOTE: DESIGNATED PRE-STRESSED PRECAST BEAMS MAY NOT BE  
SUBSTITUTED UNLESS NOTED ON THE FLOOR PLAN

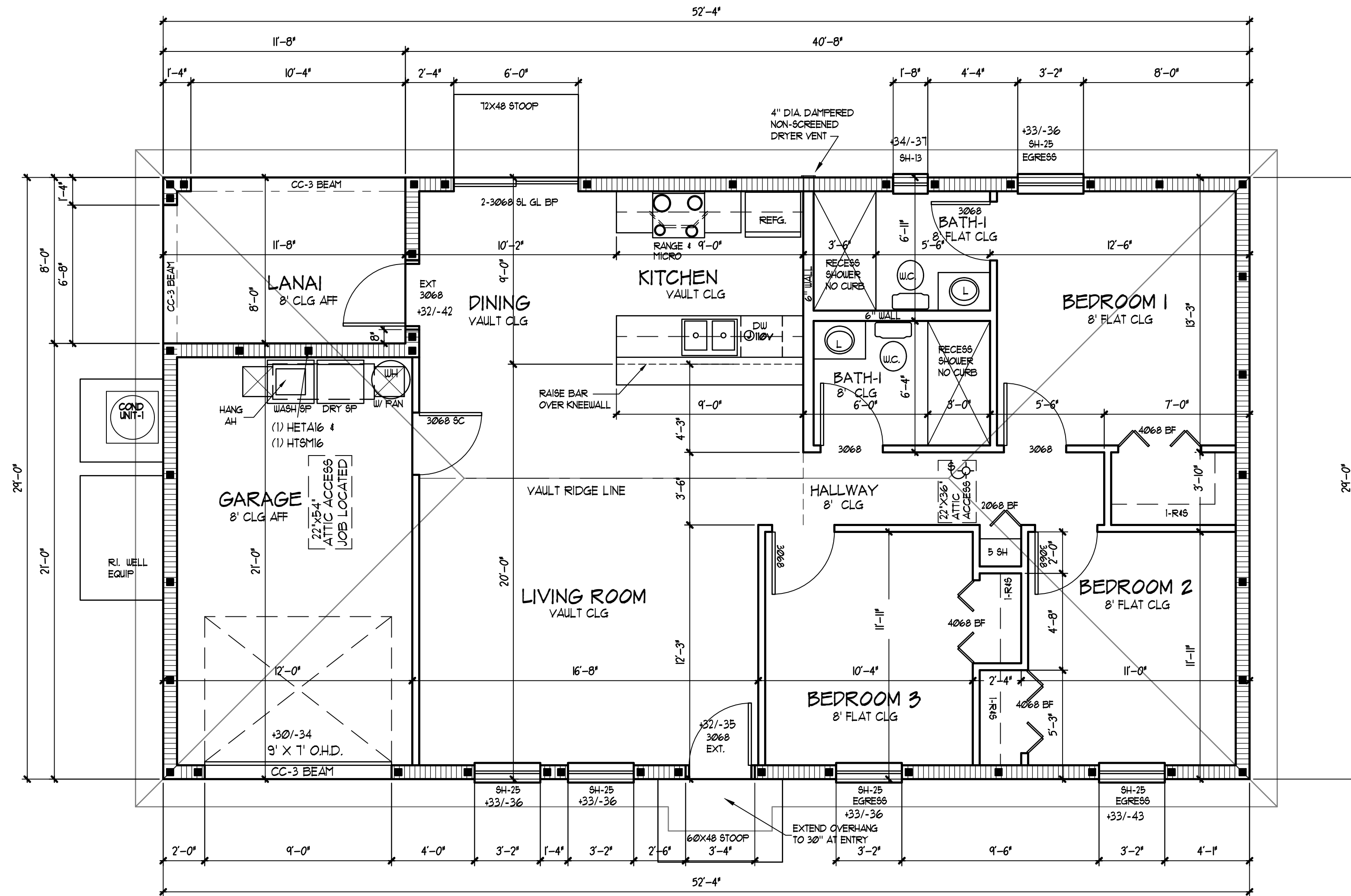
NOTE: ALL BEAMS MAY BE INCREASE IN DEPTH UP TO 48"  
PER CONTRACTOR'S DISCRETION AS LONG AS THE PRESCRIBED  
REINFORCING STEEL IS IN PLACE

CONNECTOR SCHEDULE FOR MASONRY - 2015/2016

MARK	UPLIFT IN LBS.	CONNECTOR TO TIE BEAM
1C	0 - 1810	S - (1) HETA16
2C	1811 - 2500	S - (2) HETA16
3C	2501 - 3965	S - (1) MGT or S - (2) HETA16 + S - (1) H10S
4C	3966 - 9230	S - (1) HGT-2, or, HGT-3, or, HGT-4

NOTE: MASONRY CONNECTORS FOR  
TRUSSES ARE "1C" U.N.O.

WALL SECTIONS 4' OR GREATER IN LENGTH WITH  
VERTICAL RE-BAR IN A FILLED CELL AT EACH  
END SHALL BE CONSIDERED A SHEAR WALL



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

BASIC WIND SPEED, Vult	: 160 MPH
BASIC WIND SPEED, Vasd	: 124 MPH
RISK CATEGORY	: II
WIND EXPOSURE	: C
INTERNAL PRESSURE COEFFICIENT	: 0.18
COMPONENT AND CLADDING WIND PRESSURE (P&F), Vasd	: +34.0 TO -79.0

**SQ. FTG. CALCULATIONS**

LIVING AREA	1172
GARAGE	252
LANAI	94
TOTAL SQ. FTG.	1518

TO THE BEST OF MY KNOWLEDGE, THESE PLANS ARE  
IN COMPLIANCE IN REGARDS TO SECTION R301 OF THE  
FLORIDA BUILDING CODE 5th EDITION (2014) RESIDENTIAL

**DRUMM ENGINEERING CORP.**  
E.B. #5365  
CIVIL/STRUCTURAL/GEOTECHNICAL  
17435 ABBOTT AVENUE  
PDRT CHARLOTTE, FL 33954  
PH. 941-625-9378  
FAX. 941-764-9398

TIMOTHY A. DRUMM, P.E. #73175 DATE: \_\_\_\_\_  
IT IS RECOMMENDED THAT THE ENGINEER BE RETAINED TO PROVIDE ONSITE CONSTRUCTION  
INSPECTION TO HELP ASSURE COMPLIANCE WITH THE DESIGN DRAWINGS AND SPECIFICATIONS.  
I AM NOT THE ENGINEER OF RECORD FOR ANYTHING OTHER THAN STRUCTURAL COMPONENTS.

**SCOTT J. DRAFTING, INC.**  
3678 S. ACCESS RD., UNIT 14  
WOODBRIDGE, FL 34986  
OFFICE (941) 479-3100  
FAX (941) 479-3100  
E-MAIL: SCOTT@SCOTTDRAFTING.COM

**BUILT BY:**  
**HOMES MADE POSSIBLE, LLC**  
CG# C01042560

**A RESIDENCE FOR:**  
**FREEDOM 3 MODEL**  
GARAGE LEFT

**DATE DRAWN**  
MARCH 17, 2016

**DRAWN BY**  
J. SCOTT

**DATE REVISED**

**SHEET**  
1 OF 3

**JOB NUMBER**  
16-032