

GENERAL FIRST FLOOR NOTES:

ALL EXTERIOR WALLS SHALL BE CONSIDERED SHEAR WALLS MINUS ALL WINDOW AND DOOR OPENINGS.

EXTERIOR OPENINGS DIMENSIONS ARE TO FACE OF MASONRY OPENING.

ALL DRYWALL TO BE 1/2" THICK, U.N.O.

SC DOOR - MIN. 1 3/8" THICK SOLID CORE DOOR

THE A/C DISCONNECT WILL BE LOCATED WITHIN 3 FEET OF THE COMPRESSOR

INTERIOR NON-LOAD BEARING WALL TO BE NOMINAL 3 1/2" MTL STUD OR 2x4 WD. STUD @ 24" O.C.

ALL COMPOSITE BEAMS OVER WINDOW AND DOOR OPENINGS ARE TO BE 8" NOMINAL WIDTH AND 16" NOMINAL HEIGHT, U.N.O. THE 16" NOMINAL HEIGHT SHALL CONSIST OF AN 8" TOP COURSE (BOND BEAM BLOCK) FILLED W/ 3000 PSI CONCRETE W/ (1) GRADE 40 CONTINUOUS HORIZ. #5 REBAR AND AN 8" HIGH STRENGTH PRECAST UNTEL LOWER COURSE WHICH SHALL BE UNFILLED, U.N.O. FOR FILLED PRECAST UNTELS, USE 3000 PSI CONCRETE W/ 3/8" AGGREGATE, FOR REINFORCED PRECAST UNTELS, USE GRADE 40 REINFORCING STEEL.

EXTERIOR MASONRY - ASTM C90 CMU UNITS LAYED IN A RUNNING BOND PATTERN USING ASTM C270 TYPE 'S' MORTAR

REV.: 04-06-09

ALL WOOD NOT SEPERATED FROM AND/OR "I" DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE "PRESSURE TREATED WOOD"

PROVIDE SAFETY GLAZING AT: ALL WINDOWS OVER BATH TUBS, ALL WINDOWS WITHIN 24" OF A DOOR SWING, ALL SLIDING GLASS DOORS, ALL FIXED GLASS LITES OVER 30 SQ. FT., ALL LITES WITHIN 18" OF THE FLOOR AND INDIVIDUAL PANE GREATER THAN 9 SQ. FT., ALL SHOWER ENCLOSURES.

PROVIDE AFCIs (arc-fault circuit interrupters) IN ALL DWELLING UNIT BEDROOMS PER NEC, SECTION 210-12.

■ INDICATES FILLED CELL WITH REBAR □ INDICATES FILLED CELL WITHOUT REBAR

OPENING PRESSURES:

MARK	PRESSURES	
	125 MPH	140 MPH
A	+28J / -30.5	+35.3 / -38.2
B	+23.7 / -26.4	+29.7 / -33.1
C	+28J / -37.5	+35.3 / -47.2
D	+24.8 / -28.0	+31.0 / -35.1

HEADERS:

MARK	HEADER SIZE	DESCRIPTION	OP'NG
1	(2) 2x8 HDR	(1) JACK, (1) KING STUD EA. SIDE	3'-3"
2	(2) 2x10 HDR	(1) JACK, (1) KING STUD EA. SIDE	6'-3"
3	(2) 2x8 HDR	(2) JACK, (1) KING STUD EA. SIDE	5'-2"
4	(2) 2x8 HDR	(2) JACK, (2) KING STUD EA. SIDE	5'-2"

STRUCTURAL WALL TYPES:

MARK	WALL DESCRIPTION
EB	EXTERIOR 7 1/2" CONCRETE BLOCK WALL w/ P.T. FURRING STRIPS @ A/C AREAS TOTAL WIDTH @ A/C = 5 1/2"
EF	EXTERIOR FRAME WALL TO BE 2x4 #2 SPF WOOD STUDS @ 16" O.C. w/ RT3A @ BOTTOM AND RT5 @ TOP OF EACH STUD. ATTACH W/ (1) FA3 @ EACH SIDE AND @ 24" O.C. ATTACH 1/4" O.S.B. w/ 8d RING SHANK NAIL @ 3" O.C. EDGES AND 6" O.C. FIELD
BS	INTERIOR SUPPORT BEARING WALL TO BE 2x4 #2 SPF WOOD STUDS @ 16" O.C. ATTACH W/ 1/2" x 3/4" WEDGE ANCHOR w/ 2" x 2" x 3/16" SO. WASHER @ 48" O.C.
SH	INTERIOR SHEAR WALL TO BE 2x4 #2 SYP WOOD STUDS @ 16" O.C. w/ RT3A @ BOTTOM / RT5 @ TOP EACH STUD. ATTACH W/ 1/2" x 5/4" WEDGE ANCHOR w/ 2" x 2" x 3/16" SO. WASHER @ 24" O.C. AND (1) HIT22 TENSION TIE @ BOTH END OF WALL. ATTACH W/ (2) 16d NAILS TO DOUBLE STUD AND (1) 3/4" ANCHOR-BOLT. ATTACH 1/2" DRYWALL w/ #6 x 1 1/4" SCREW @ 4" O.C. EDGES AND 12" O.C. FIELD. SEE DETAIL 8/WS-SI-MST30 CONNECTION

EXTERIOR DOORS/WINDOWS:

DOOR TYPE	SIZE	MASONRY OP'NG
2-0 [OUT-SWING]	25 1/2" x 80 5/8"	29" x 82 3/8"
2-8 [OUT-SWING]	33 1/2" x 80 5/8"	37" x 82 3/8"
3-0 [IN-SWING]	37 1/2" x 82"	41" x 82 3/8"
3-0 w/ (1) SL [IN-SWING]	51 1/8" x 82"	54 5/8" x 82 3/8"
3-0 w/ (2) SL [IN-SWING]	64 1/2" x 82"	68" x 82 3/8"
6068 SGD	72" x 80"	75 1/2" x 81 3/4"
6080 SGD	72" x 96"	75 1/2" x 97 1/4"
8'-0" x 7'-0" GARAGE DR	96" x 84"	96" x 84"
16'-0" x 7'-0" GARAGE DOOR	192" x 84"	192" x 84"

SEE MANUFACTURERS DETAILS FOR INSTALLATION AND NUMBER OF FASTENERS PER WINDOW/DOOR

WINDOWS:

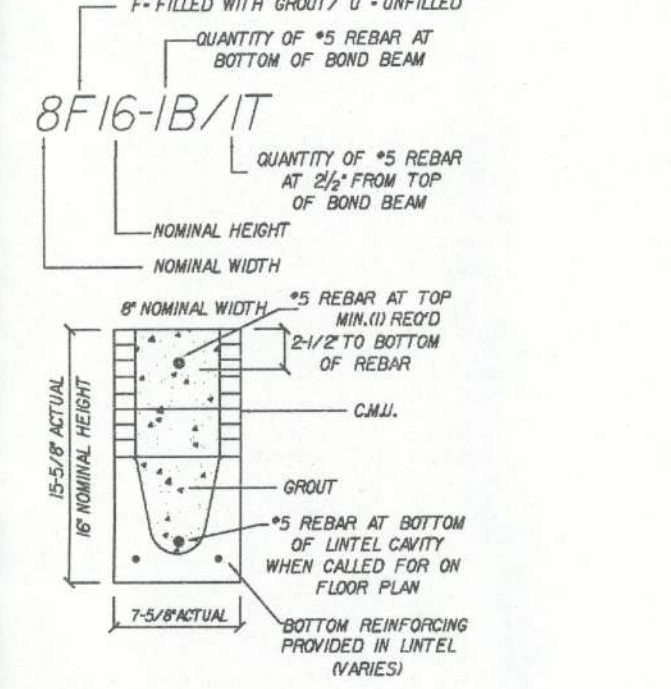
WINDOW TYPE	SIZE	MASONRY OP'NG
1H2 SH	26 1/2" x 26"	27 1/4" x 26"
1H3 SH	26 1/2" x 38 3/8"	27 1/4" x 38 3/8"
1H4 SH	26 1/2" x 50 5/8"	27 1/4" x 50 5/8"
1H5 SH	26 1/2" x 63"	27 1/4" x 63"
23 SH	37" x 38 3/8"	37 3/4" x 38 3/8"
24 SH	37" x 50 5/8"	37 3/4" x 50 5/8"
25 SH	37" x 63"	37 3/4" x 63"
35 SH	53 1/8" x 63"	53 7/8" x 63"

INTEL SCHEDULE : Cast-Crete

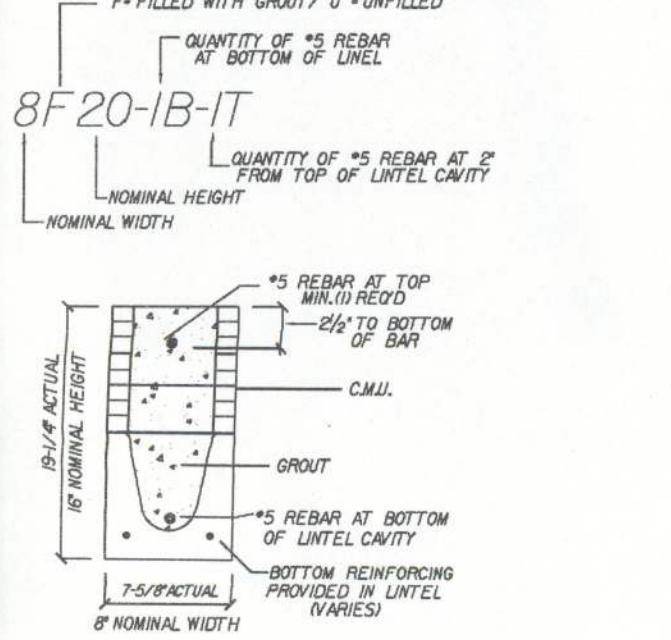
MATERIALS:

- 1" c PRECAST UNTELS = 3500 psi
- 2" c PRESTRESSED UNTELS = 6000 psi
- 3" c GROUT = 3000 psi w/ MAXIMUM 3/8" AGGREGATE
4. CONCRETE MASONRY UNITS (CMU) PER ASTM C90 w/ MINIMUM NET AREA COMPRESSIVE STRENGTH = 1900 psi
5. REBAR PROVIDED IN PRECAST UNTEL PER ASTM A615 GR60, FIELD REBAR PER ASTM A615 GR40 OR GR60
6. PRESTRESSING STAND PER ASTM A416 GRADE 270 LOW RELAXATION.
7. 7/32" WIRE PER ASTM A510
8. MORTAR PER ASTM C270 TYPE M OR S

TYPICAL DESIGNATION



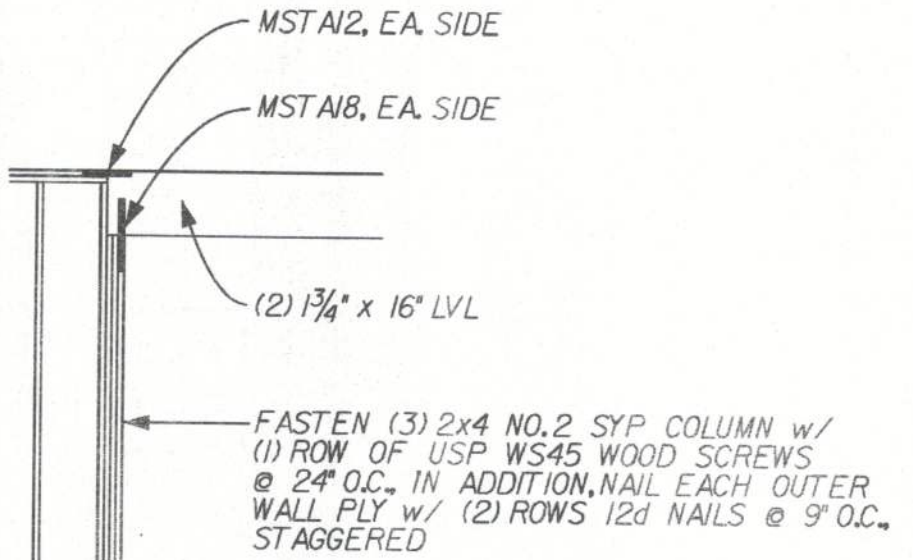
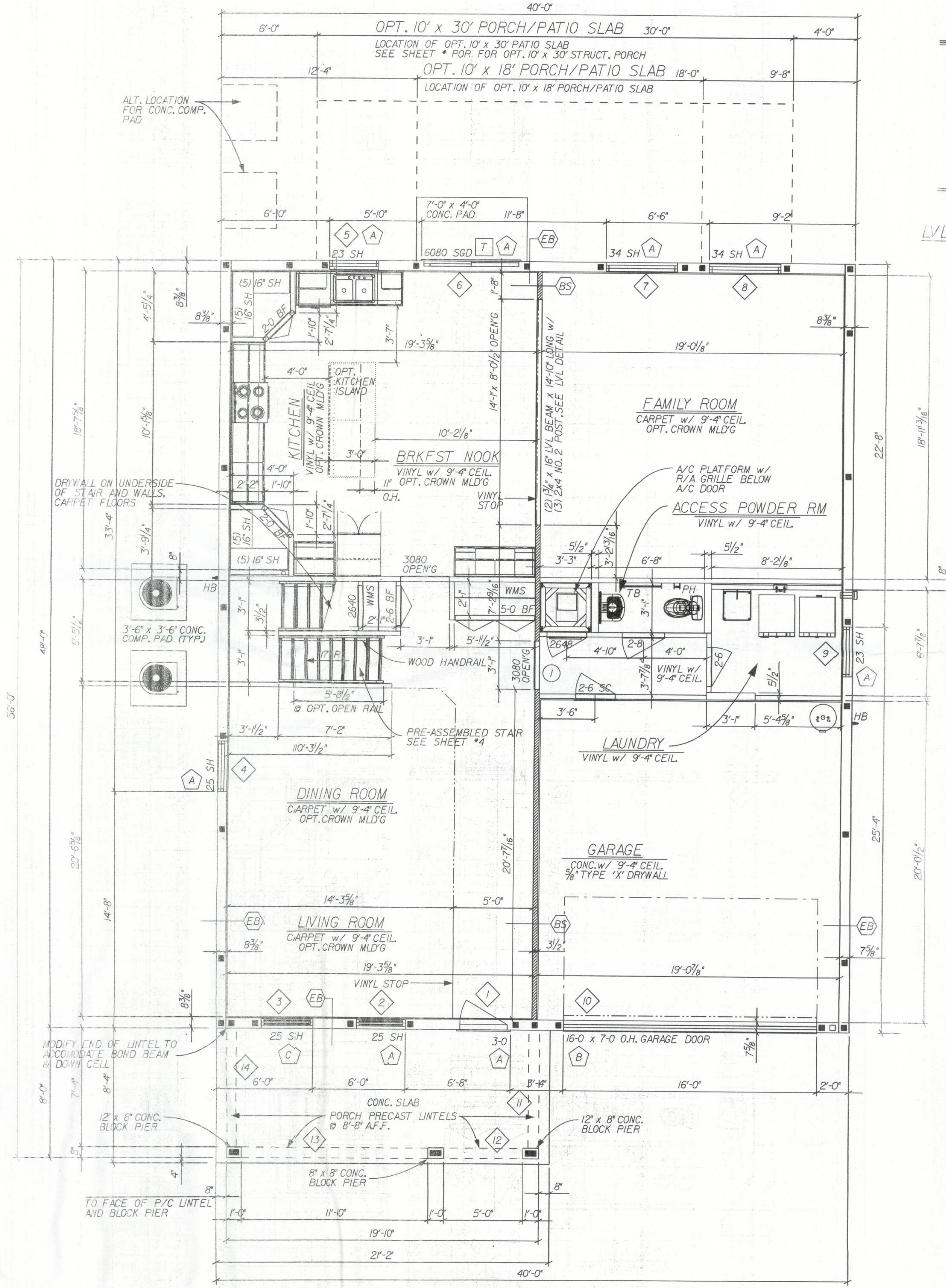
TYPICAL GARAGE DESIGNATION



INTEL SCHEDULE

MARK	LENGTH	APPLIED LOADS GRAVITY UPLIFT	TYPE	CAST-CRETE PRECAST	SAFE LOADS GRAVITY UPLIFT	COMMENTS
1	4'-6"	295 57	PSbox8-22	8RU22-0B/IT	4946 4224	FRONT DOOR RECESSED
2	4'-6"	295 57	PSbox8-24	8U24-0B/IT	4576 4292	LIVING ROOM
3	4'-6"	295 57	PSbox8-24	8U24-0B/IT	4576 4292	LIVING ROOM
4	4'-6"	924 308	PSbox8-24	8U24-0B/IT	4576 4292	DINING ROOM
5	4'-6"	295 57	PSbox8-24	8U24-0B/IT	4576 4292	KITCHEN
6	7'-6"	295 57	PSbox8-16	8F16-0B/IT	2549 2458	BRKFST NOOK
7	5'-10"	295 57	PSbox8-24	8F24-0B/IT	2549 3295	FAMILY ROOM
8	5'-10"	295 57	PSbox8-24	8F24-0B/IT	4696 4698	FAMILY ROOM
9	4'-6"	924 308	PSbox8-24	8U24-0B/IT	4576 4292	LAUNDRY
10	17'-4"	295 57	PSbox8-36	8F36-1B/IT	1811 952	GARAGE
11	8'-6"	70 73	PSbox8-8	8F8-0B/IT	1011 727	F. PORCH @ 8'-0" AFF.
12	6'-6"	160 176	PSbox8-8	8F8-0B/IT	1238 835	F. PORCH @ 8'-0" AFF.
13	13'-4"	160 176	PSbox8-8	8F8-0B/IT	471 413	F. PORCH @ 8'-0" AFF.
14	8'-6"	70 73	PSbox8-8	8F8-0B/IT	1011 727	F. PORCH @ 8'-0" AFF.

* BASED ON MOMENT AND SHEAR TABLE W/ 8% REDUCTION FOR GRADE 40 REBAR (IF REDUCTION IS REQ'D)



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

SQUARE FOOTAGE:	
LOCATION	SQ. FT.
1ST FLOOR	1515
2ND FLOOR	1862
TOTAL A/C	3377
GARAGE	405
ENTRY PORCH	164
OVERALL TOTAL	3946

AMERICANA FIRST FLOOR PLAN

DASHWOOD

Maronda Homes

4005 Maronda Way Sanford, FL 32771 (407)321-0064

Maronda Systems 4005 Maronda Way Sanford, FL 32771 (407)321-0064

Tomás Ponce P.E. License No. 0050068 September 14, 2011

SHEET: 3

DATE: 13 JUN 2011

PRODUCT REL. DATE: 07-23-09

07-16-09 REV. TO INTERIOR WOOD WALLS

07-16-09 REV. PER PROTOTYPE WALK-THRU

08-17-10 REV. PER PRODUCT REFINEMENTS

07-19-10 REV. PER 2-YEAR/REG. LIGHTS

08-09-10 REV. TIER 3 - WALL HGT./MSL.

06-10-11 REV. FAMILY ROOM WINDOWS

03-01-09 REV. PER 2007 FBC - RESIDENTIAL

DESIGNED WIND SPEED: 125 MPH - 3 SEC. GUST