

DESIGN IN ACCORDANCE W/ THE
2010 FLORIDA BUILDING CODES

main 239.829.5440
cell 239.677.0201
fax 239.772.1957
2110 Pondella Road
Cape Coral, FL 33909

Quality Construction
CARNEY
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






MODEL:	LOT:	BLOCK:
CARNEY 2558	SUBDIV:	
RESIDENCE FOR:	ADDRESS:	
XXX	CITY	

DATE:	6-13-12
DRAWN BY:	JWC
CHECKED BY:	JWC
REVISED:	
PLAN:	ELEVATIONS
SCALE:	1/4" = 1'-0"
SHEET#	

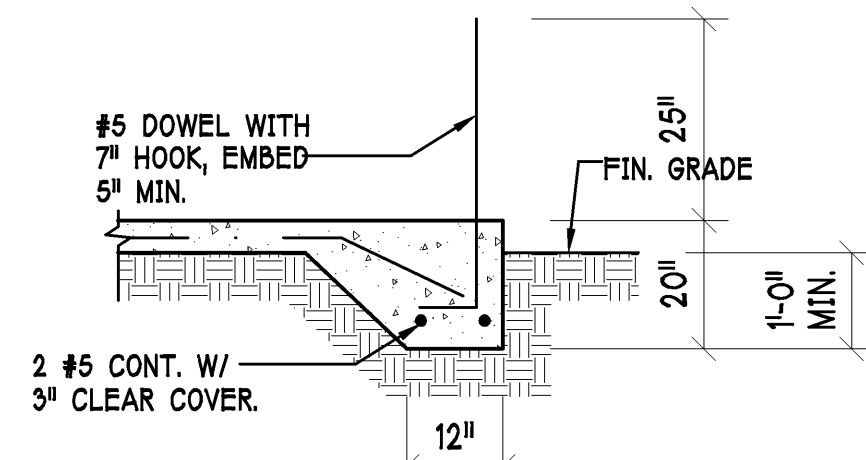
A1

- 1) TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0".
- 2) 'F# DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
- 3) (#) DENOTES PAD FOOTING AT CONCENTRATED LOADS PER SCHEDULE THIS SHEET.
- 4) PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
- 5) ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND FACE OF WALL.
- 6) FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH WINDOW/DOOR SUPPLIER.
- 7) PROVIDE PRESSURE TREATED BUCKS AT WINDOWS / DOORS PER DETAIL 7/S-1 AND TABLE 2 ON A-6.

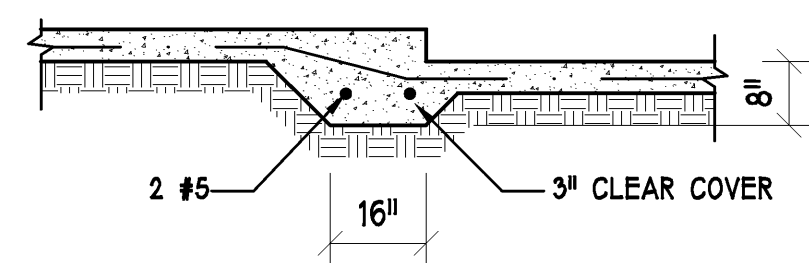
PAD FOOTING SCHEDULE							
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS
					LONG WAY	SHORT WAY	
<input checked="" type="checkbox"/>	(A)	2'-6"	2'-6"	1'-0"	3-#5	3-#5	—
<input checked="" type="checkbox"/>	(B)	3'-0"	3'-0"	1'-0"	4-#5	4-#5	—
<input type="checkbox"/>	(C)	3'-6"	3'-6"	1'-0"	4-#5	4-#5	—
<input type="checkbox"/>	(D)	4'-0"	4'-0"	1'-2"	5-#5	5-#5	—
<input type="checkbox"/>	(E)	5'-0"	5'-0"	1'-2"	6-#5	6-#5	—

WALL FOOTING SCHEDULE						
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE
	F1	CONT.	1'-4"	0'-8"	2-#5	
	F2	CONT.	1'-8"	0'-10"	2-#5	
X	F3	CONT.	1'-0"	1'-8"	2-#5	
	F4	CONT.	1'-4"	1'-8"	2-#5	
	F5	CONT.	1'-4"	1'-0"	2-#5	
X	F6	CONT.	1'-4"	1'-0"	2-#5	
	F6A	CONT.	8"	8"	1-#5	
X	TE	CONT.	0'-8"	0'-8"	1-#5	

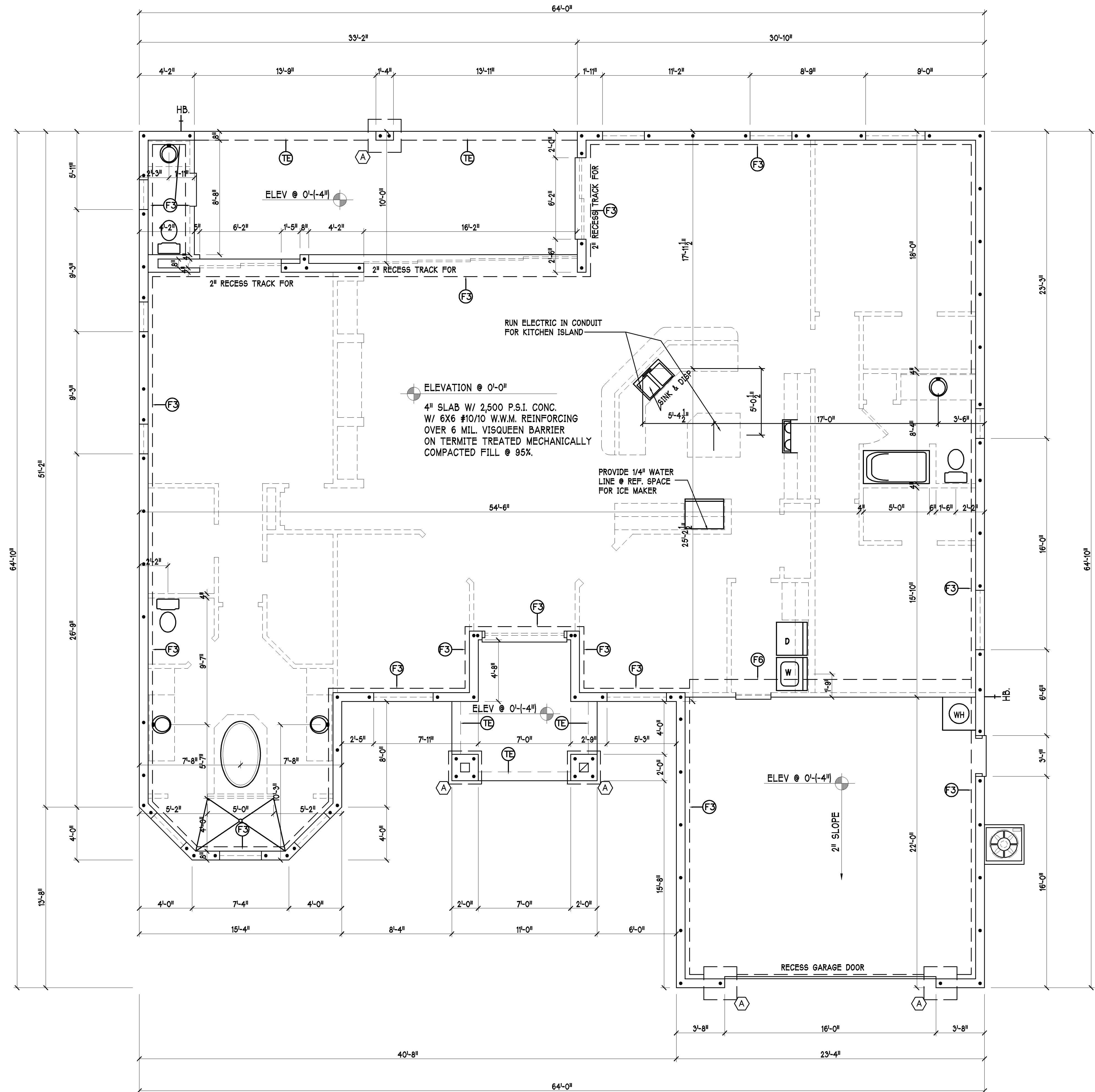
ADD CURB TO
—GARAGE, SEE
DETAIL



'F3' FOOTING



'F6' STEP DOWN



FOUNDATION PLAN:

SCALE: $1/4''=1'-0''$

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DRAWN FOR:	FOUNDATION
SCALE:	1/4" = 1'-0"
HEET#	

A2

PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT DOOR.
(PER FLORIDA BUILDING CODE-R308.3.1)

NOTE:
PROVIDE SAFETY GLAZING AT BATH/SHRW.
SHALL COMPLY WITH R 308.3.1

PLAN NOTES:

- SEE EXTERIOR ELEVATION SHEET FOR DETAILS OF ALTERNATE WINDOW ARRANGEMENTS, ENTRY WALKS AND ADDITIONAL WALKS.
- KITCHEN KNEE WALL 42 1/2" TO TOP USING 2x4 TOP PLATE.
- MEDICINE CABINETS OPENING 14x18 TOP OF OPENING @ 72" / 5" OFF WALL.
- JOB MUST BE BROOM SWEEP EVERYDAY.
- VERIFY ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS.
- PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE.
- INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS.
- WHERE DRYWALL CEILING IS APPLIED TO TRUSSES AT 24" O.C. USE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. 702.3.5.

SQUARE FOOTAGE

LIVING AREA	2,558'
GARAGE AREA	513'
ENTRY AREA	99'
LANAI AREA	290'
POOL BATH AREA	42'
TOTAL AREA	3,502'

CABINET BACKING

KITCHEN	UPPER TOP @ 84"	BASE TOP @ 35"
MASTER BATH	UPPER	BASE- TOP @ 35"
GUEST BATH	UPPER	BASE- TOP @ 33"
LAUNDRY RM.	UPPER TOP @ 84"	BASE

DOOR HEADERS

6'-8" BIFOLD	HEADER HEIGHT	82" A.F.F.
6'-8" SWING	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	98 1/2" A.F.F.

FRAMERS NOTES:

NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING ON STUDS SHALL NOT EXCEED 24" O.C.
NON BEARING WALLS ONLY.

NOTE:
PLACE FILLED CELL W/ #5 ROD FROM FOOTING TO BEAM UNDER ALL GIRDER TRUSSES
ALL STEEL REINFORCING SHALL BE GRADE 60 UNLESS NOTED OTHERWISE.

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(PER FLORIDA BUILDING CODE-R308.3.1)

NOTE:
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SHALL COMPLY WITH R 308.3.1

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE B, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR.
Vmax=124 MPH

DOOR SCHEDULE

MARK	SIZE CODE	PRODUCT DESCRIPTION	DOOR WIDTH HEIGHT	ZONE	WIND PRESSURE	WIND-BORNE DEBRIS PROTECTION	FL PRODUCT APPROVAL #	QTY
1	16'-0"x8'-0" O.H.G.D.	CLOPAY	182 96	4	+23.3/-26.0	N/A	FL#	1
2	2-3080 FRCH DRS	PGT	72 96	4	+27.7/-30.0	IMPACT	FL#	1
3	2680	PGT	30 96	4	+27.7/-30.0	IMPACT	FL#	1
4	2-2680 PKT. SL. GL. DR.	PGT	60 96	4	+24.4/-26.7	IMPACT	FL#	1
5	2-3080 PKT. SL. GL. DR.	PGT	72 96	4	+24.4/-30.6	IMPACT	FL#	1
6	2-2680 SL. GL. DR.	PGT	60 96	4	+24.4/-26.7	IMPACT	FL#	1
7	2680	PGT	30 80	4	+27.7/-30.0	IMPACT	FL#	1

GARAGE DOOR ASSUMES 2' IN ZONE 5.

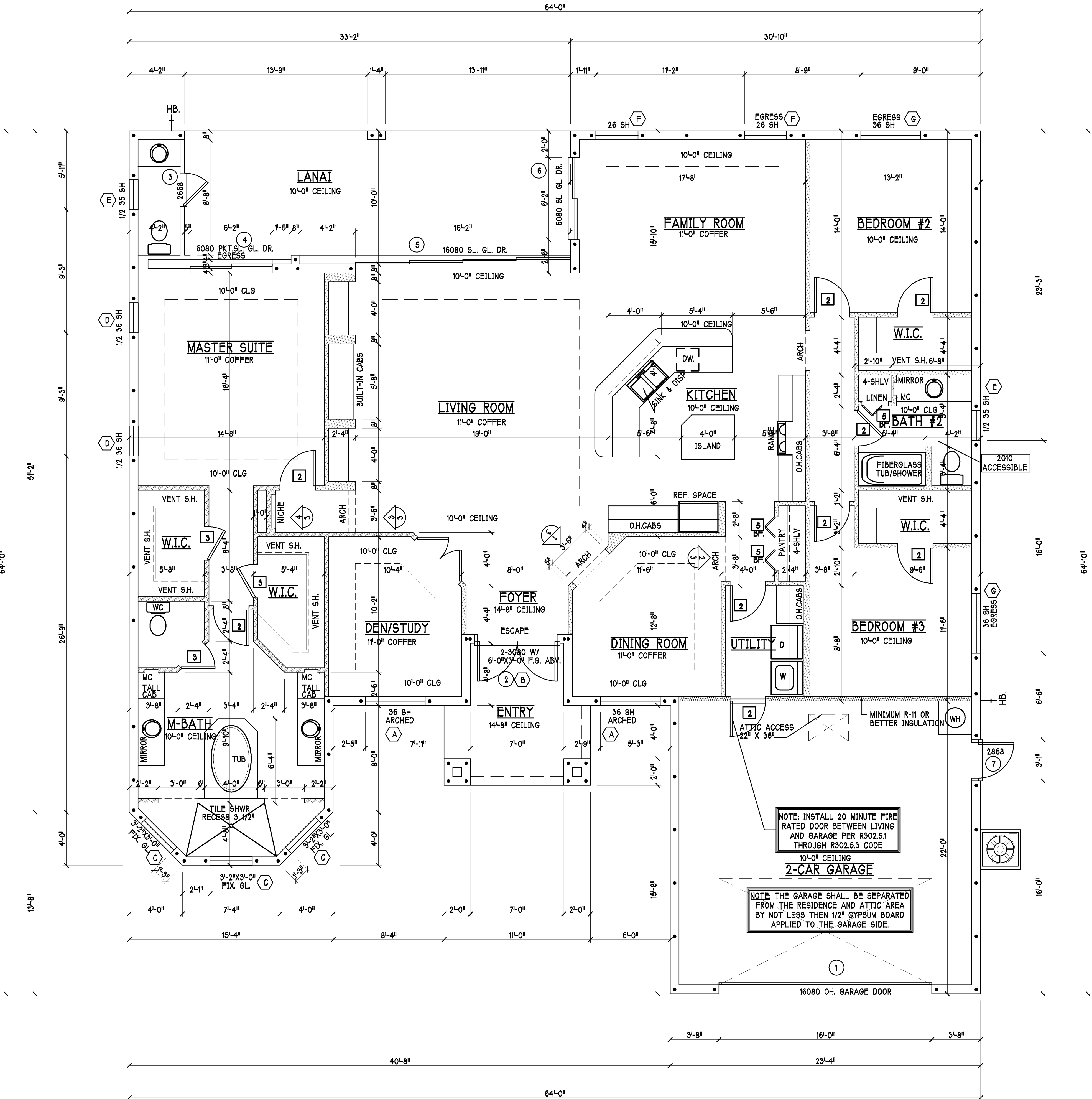
WINDOW SCHEDULE

MARK	SIZE CODE	PRODUCT DESCRIPTION	WINDOW WIDTH HEIGHT	ZONE	WIND PRESSURE	WIND-BORNE DEBRIS PROTECTION	FL PRODUCT APPROVAL #	QTY
A	36 SH ARCHD	PGT - (SERIES)	53" 75"	4	+27.7/-30.0	IMPACT	FL#	2
B	6'-0"x3'-0" F.G. ABV.	PGT	72" 36"	4	+27.7/-30.0	IMPACT	FL#	1
C	3'-2"x3'-0" FIX. GL.	PGT	38" 36"	4	+27.7/-30.0	IMPACT	FL#	3
D	1/2 36 SH	PGT	27" 75"	4	+27.7/-30.0	IMPACT	FL#	2
E	1/2 35 SH	PGT	27" 63"	4	+27.7/-30.0	IMPACT	FL#	2
F	26 SH	PGT	38" 75"	4	+27.7/-30.0	IMPACT	FL#	2
G	36 SH	PGT	53" 75"	4	+27.7/-30.0	IMPACT	FL#	2

WIND DESIGN PRESSURES PER ASCE7-10
USE AN ENTIRELY NEW SYSTEM WHICH CAN NOT BE COMPARED TO OLDER CODES.
ALL PRODUCTS SHOULD HAVE DOCUMENTATION UPDATED TO ASCE7-10 METHODS.

INTERIOR DOOR SCHEDULE

MARK	DOOR WIDTH	NOTES
1	3'-0"	PK. = POCKET DOOR
2	2'-8"	B.F. = BI-FOLD DOOR
3	2'-6"	B.P. = BI-PASS DOOR
4	2'-4"	LV. = LOUVERED DOOR
5	2'-0"	
6	1'-8"	
7	1'-6"	



FLOOR PLAN:

SCALE: 1/4"=1'-0"

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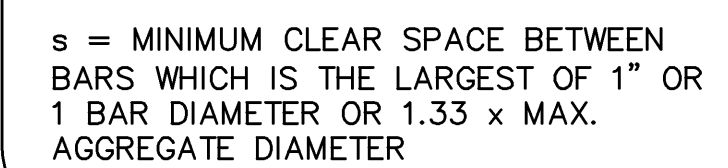
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BLOCK: LOT: SUBDIV: ADDRESS: CITY

DATE: 6-13-12
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REVISED:
PLAN: FLOOR
SCALE: 1/4" = 1'-0"
SHEET#

A3



NOTES:

1. THE DISTANCE FROM THE FACE OF SUPPORT TO THE FIRST TIE OR STIRRUP SHALL BE $1/2$ THE TIE SPACING, OR 6" MAX. (ie, FOR THE SPACING = 6", LOCATE FIRST TIE 3" FROM FACE OF COLUMN).
2. BOTTOM BARS ARE IN 2 LAYERS AND SHALL HAVE 1" CLEAR SPACE BETWEEN LAYERS AS SHOWN IN DETAIL.

①

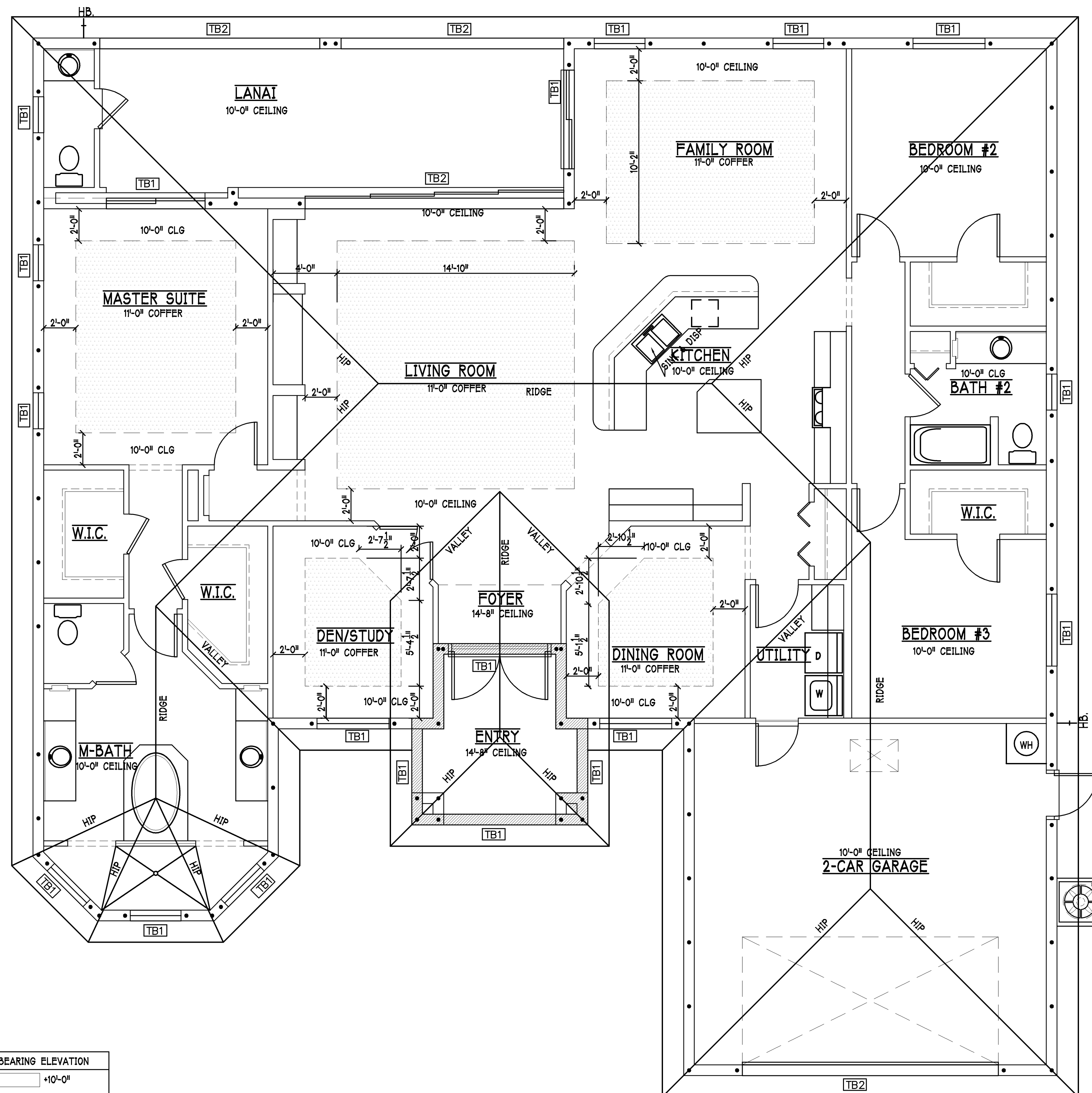
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③

TIE & STIRRUP TYPES

TRUSS STRAPPING TO CONCRETE		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
1240	(1)META12 TO 40	7-10dx1 1/2", EMBED 4"
1805	(1)HETA20 TO 40	10-10dx1 1/2", EMBED 4"
1860	(1)HHETA16 TO 40	10-10dx1 1/2", EMBED 4"
1985 (1 PLY)	(2)META12 TO 40	14-10dx1 1/2", EMBED 4"
2575 (2 PLY)	(2)META12 TO 40	14-16d, EMBED 4"
2500 (2 PLY)	(2)HETA20 TO 40	14-16d", EMBED 4"
3365 (2 PLY)	(2)HHETA12 TO 22	16-16d", EMBED 4"
3965 (2 PLY)	MGT	22-10d, 5/8" ATR, EPOXY 12"
3590	PA28	20-16d, EMBED 4"
5420	HPA35	27-16d, EMBED 8 1/4"
9200	(1)HGT 2 OR 3	(2)SSBT20 BOLTS

- NOTES:
- 1) PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE AND SUITABLE FOR THE GEOMETRY. EMBED STRAP ON ϕ OF WALL.
 - 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
 - 3) WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER DETAIL 1/S-2.
 - 4) "ATR" = ALLTHREAD. DRILL AND EPOXY WITH SIMPSON 'SET' EPOXY PER MFR. INSTRUCTIONS.
- PLAN NOTES:
- 1) ROOF TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
 - 2) ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-1. SEE LAYOUT PREPARED BY "STOCK BUILDING SUPPLY" JOB #52327 DATED 09/04/07.
 - 3) PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS LAYOUT.
 - 4) FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-1.
 - 5) TB# DENOTES CONCRETE Tie BEAM AT TRUSS BEARING ELEVATION PER SCHEDULE THIS SHEET.



TRUSS BEARING ELEVATION	
	+10'-0"
	+14'-8"

ROOF PLAN: SCALE: 1/4"=1'-0"

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VVV		

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PLAN:	ROOF
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SHEET#	

A4

ELECTRICAL LEGEND

	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	220 V RECEPTACLE OUTLET
	4-PLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/2 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE @ ELEV. A.F.F.
	TIMER SWITCH
	GFI SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A FOSSIL-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OPERATIONAL CARBON MONOXIDE ALARM INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PERPOSES, PER RULE 9B-3.04.72
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	RECESSED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON
	DOOR BELL
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT

OPTIONAL SANDOVAL ONLY

	2 RG6 CABLE 2 CAT5E INTERNET
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Electrical Notes:

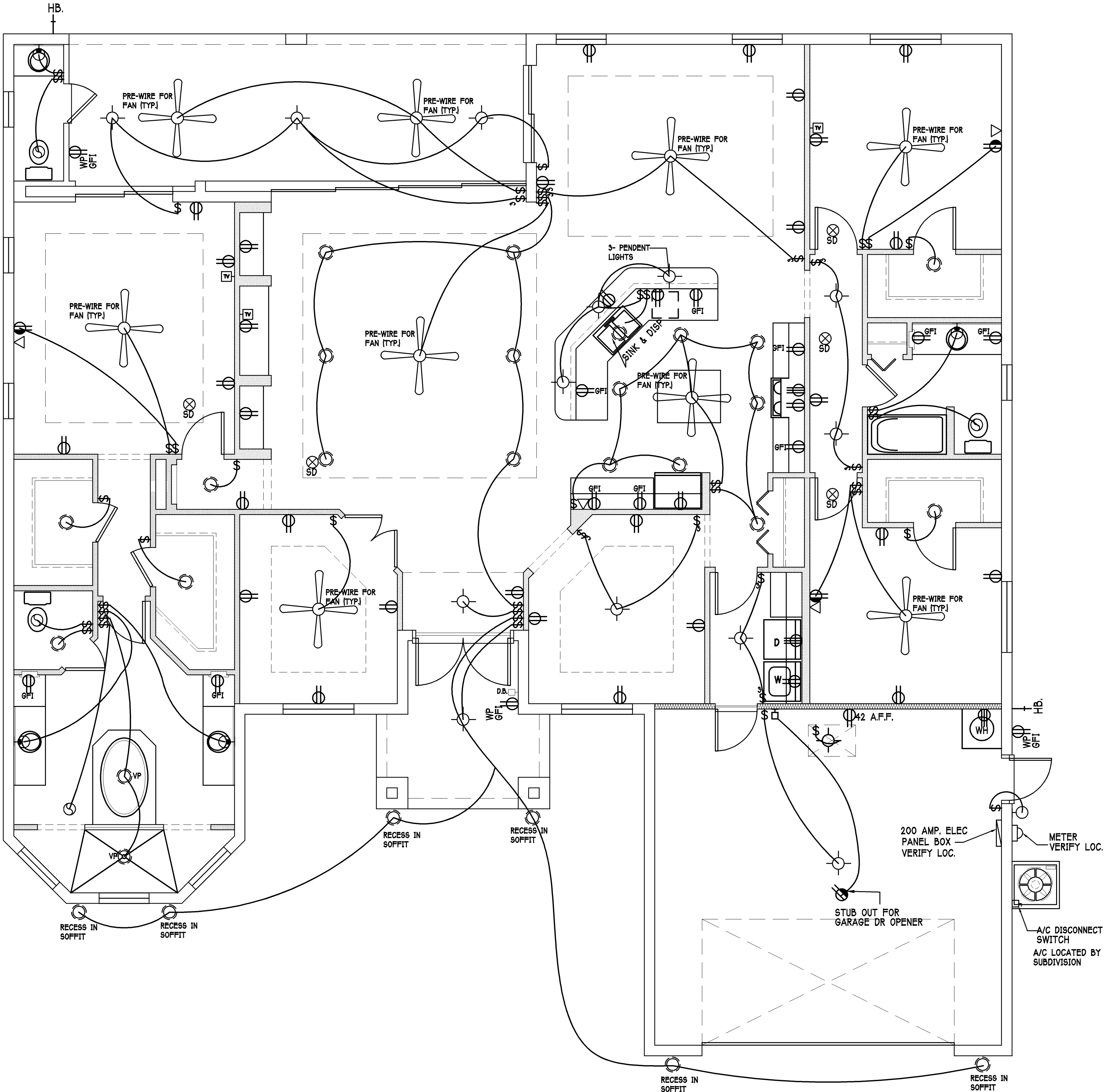
Install Arc-Fault circuit-Interruptions & Tamper-Resistant Receptacles shall be installed in dwelling unit, per NEC 210.12 & 406.11

All electrical equipment to be set at or above base flood elevation.

All outlets in wet areas and all exterior outlets to be GFI's

Install Phone & T.V per contract .

INSTALL ALL ELECTRICAL PER NEC 2008



ELECTRICAL PLAN: SCALE: 1/4" = 1'-0"

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REVISED:

PLAN: ELECTRICAL

SCALE: 1/4"=1'-0"

SHEET#

A5

1
RESIDENTIAL SPECIFICATIONS
GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL SUPPLY, LOCATE AND BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, SLAB DEPRESSIONS AND PITCHES AS MAY BE REQUIRED TO ATTACH AND ACCOMMODATE OTHER WORK.
3. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE WORK EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
4. SUBSURFACE SOIL CONDITION INFORMATION IS NOT AVAILABLE. FOUNDATIONS ARE DESIGNED FOR A SOIL BEARING CAPACITY OF 2,000 PSF. THE CONTRACTOR SHALL REPORT ANY DIFFERING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
5. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATION AND HOUSE PLANS, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS, CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
6. ALL SPECIFIED FASTENERS MAY ONLY BE SUBSTITUTED IF APPROVED BY THE ENGINEER IN WRITING, THE INSTALLATION OF THE FASTENERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. SIMPSON FASTENERS SPECIFIED MAY BE SUBSTITUTED WITH THE SAME QUANTITY AND EQUIVALENT STRENGTH PRODUCT.
7. TREATED WOOD REQUIREMENTS:- ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESSURE TREATED.
8. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCES TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUTS, OR TIE DOWNS.
9. CEILING DRYWALL INSTALLED WITHIN THE HOUSE TO TRUSSES SPACED 24" O.C. SHALL BE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. 702.3.5
10. LANAI CEILINGS & COVERED ENTRY CEILINGS
1X4 STRIPPING @ 16" O.C. FASTENED WITH 2-8d NAILS TO EACH TRUSS. 5/8" EXTERIOR GYPSOBOARD CEILING FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" oc EDGE AND FIELD.

2
DOOR AND WINDOW ANCHORAGE

ANCHORAGE REQUIREMENTS:- ALL PASS AND SLIDING GLASS DOORS AND ALL WINDOW ASSEMBLIES SHALL BE ANCHORED TO THE MAIN WIND FORCE RESISTING SYSTEM IN A MANNER SPECIFIED BY THE PUBLISHED MANUFACTURERS LITERATURE. THERE SHALL BE NO SUBSTITUTION OF ALTERNATE FASTENINGS UNLESS PROVIDED BY THE MANUFACTURER AND APPROVED BY THE BUILDING DESIGN ENGINEER.

MASONRY OPENING
WHERE WINDOW FRAME IS DESIGN TO FASTEN WITH SCREWS THROUGH THE FRAME AND INTO THE MASONRY, THE BUCK MATERIEL IS SIMPLY A SPACER. THE BUCK MAY BE FASTENED WITH T NAILS OR ANY SUITABLE FASTENER TO TACK IT INTO POSITION PRIOR TO WINDOW INSTALLATION. FASTEN WINDOW FRAME PER MFR INSTRUCTIONS. A WINDOW FASTENER SHALL PENETRATE MASONRY BY 2 1/4" MIN.

WHERE WINDOW FRAME IS DESIGNED TO FASTEN ONLY TO THE WOOD BUCK (IE, FLANGED FRAME WITH WOOD SCREWS) THE BUCKS SHALL BE 2X WOOD WITH STRUCTURAL FASTENING TO THE MASONRY WITH 1/4X 3 3/4 MASONRY SCREWS @ 24" OC AND 6" FROM EACH END.

WOOD FRAMED OPENING:- ALL DOORS AND WINDOWS SHALL BE INSTALLED ACCORDING TO THE PUBLISHED MANUFACTURERS LITERATURE OF THE ASSEMBLY BEING INSTALLED TO THE ROUGH SUBSTRATE OPENING. SHIMS SHALL BE MADE OF MATERIALS CAPABLE OF RESISTING THE APPLIED LOADS AND SHALL BE LOCATED NEAR EACH FRAME FASTENER TO MINIMIZE DISTORTION OF THE FRAME AS THE FASTENERS ARE TIGHTENED.

3
GENERAL ROOF ASSEMBLY

ROOF SHEATHING
SHALL BE APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER. INSTALL PANELS WITH LONG DIMENSION PLACED PERPENDICULAR TO TRUSSES. A 1/8" SPACE BETWEEN ADJACENT SHEETS SHALL BE MAINTAINED. INSTALL 1/4" CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE NAILED WITH 8d RING SHANK NAILS @6" O.C. EDGE AND FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSS WITHOUT SPLITTING. RING SHANK NAILS PER R803.2.3.1 - 0.113" NOMINAL SHANK DIAMETER, RING DIA. OF 0.012" OVER SHANK DIAMETER, 16 TO 20 RINGS PER INCH, 0.280" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH.

FLASHING
FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL .0179 INCHES THICK, 26 GAGE AZ50 ALUM ZINC, OR GALVANIZED STEEL .0179 INCHES THICK, 26 GAGE ZINC COATED G90. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURERS PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION R905.2.8 (1 TO 5).

DRIP EDGE
DRIP EDGE SHALL BE PROVIDED AT ALL EAVES AND GABLES OF SHINGLE ROOFS, LAPPED A MINIMUM OF 3" @ JOINTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 2". DRIP EDGE SHALL BE FASTENED AT NO MORE THAN 4" CENTERS. THERE SHALL BE A MINIMUM OF 4" WIDTH OF ROOF CEMENT INSTALLED OVER THE DRIP EDGE FLANGE.

4
WOOD FRAMING:

1. ALL WOOD FRAMING SHALL BE FABRICATED AND INSTALLED PER NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
2. UNLESS NOTED OTHERWISE THE FOLLOWING MINIMUM GRADES SHALL BE USED:
 - A. INTERIOR BEARING WALLS SPF #2
 - B. RAFTERS, JOISTS, HEADERS AND BEAMS SYP #2. EXTERIOR BEARING WALLS,
3. TREATED WOOD REQUIREMENTS: ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, PRESSURE TREATED.
4. CONTRACTOR SHALL PROVIDE ALL FASTENING DEVICES AS SHOWN ON THE DRAWINGS AND AS NECESSARY AND SUITED FOR EACH APPLICATION. FASTENING SUBJECT TO MOISTURE SHALL BE HOT DIP GALVANIZED TO ASTM A-153-80, OR STAINLESS STEEL.
5. ALL METAL CONNECTIONS AND FABRICATIONS SHALL COMPLY WITH AISC SPECIFICATIONS.
6. SOLID BLOCK ALL JOISTS AND RAFTERS AT POINTS OF SUPPORT.
7. PREFABRICATED STRUCTURAL TRUSSES SHALL COMPLY WITH NFPA NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, TPI DESIGN SPECIFICATIONS FOR METAL PLATE WOOD TRUSSES AND ATTIC 100.
8. ALL TRUSSES SHALL BE DESIGNED AND CERTIFIED BY THE TRUSS MANUFACTURER'S STATE OF FLORIDA REGISTERED ENGINEER.
9. CONTRACTOR SHALL CORRELATE WITH TRUSS MANUFACTURER TO ENSURE THAT ADEQUATE BEARING IS PROVIDED AT END REACTIONS OF ALL GIRDER TRUSSES.
10. TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS TO THE CONTRACTOR AND DESIGNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF DIMENSIONS, MATERIALS AND CONDITIONS.
11. AT VOLUME CEILING CONDITIONS, ALIGN TRUSSES TO PROVIDE A SMOOTH AND UNBROKEN INTERIOR WALL SURFACE FROM FLOOR TO CEILING.
12. BRACE TRUSSES DURING ERECTION AND AFTER PERMANENT INSTALLATION TO COMPLY WITH TPI BWY-76.
13. MICRO-LAMS (OR EQUAL PARALAMS, LVL'S, ETC.) SHALL BE USED WHERE SPECIFIED ON ENGINEERED PLANS AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ANY EDGES OR ENDS EXPOSED TO THE WEATHER SHALL BE PROTECTED BY THE INSTALLATION OF 26 GA, MIN, GALVANIZED STEEL FLASHING.
14. SPLICES IN MULTI-BOARD CONTINUOUS BEAMS SHALL BE ALLOWED FOR ONE BOARD ONLY PER SPAN AND ONLY AT THE QUARTER POINT OF THE SPAN, UNLESS SHOWN OTHERWISE.
15. SPACE FRAMING OF ARCHES UNDER TIE BEAM SHALL BE FILL IN FRAME UNLESS NOTED OR CONSTRUCTED OTHERWISE.

5
ASPHALT SHINGLE ROOF SPEC'S

SHINGLES
15# felt shall be installed under asphalt shingles. All asphalt shingles shall have self sealing strips or be interlocking and comply with ASTM D 225 or D3462, and shall be secured to the roof with no less than 6 fasteners per shingle strip, or a minimum of 2 fasteners per shingle tab. And shall in no case be fastened with less fasteners than that required by the manufacture. Installation shall comply with the manufactures requirements for installation in the given Florida wind zone, as determined by ASTM D 3161.

FASTENERS
Fasteners for asphalt shingles shall comply with ASTM F 1667, and shall be made of galvanized steel, stainless steel or aluminum with a minimum shank size of 12 gage (0.1015 inches) with a minimum 3/8 inch diameter head and shall be of a length to penetrate the sheathing.

The nail component of plastic cap nails shall meet or exceed the requirements of ASTM A 641, Class 1, or equal, and shall be corrosion resistant by coating electro galvanization, mechanical galvanization, hot dipped galvanization or shall be made of stainless steel, non ferrous metal.

6
CLAY AND CONCRETE TILE ROOF SPECS

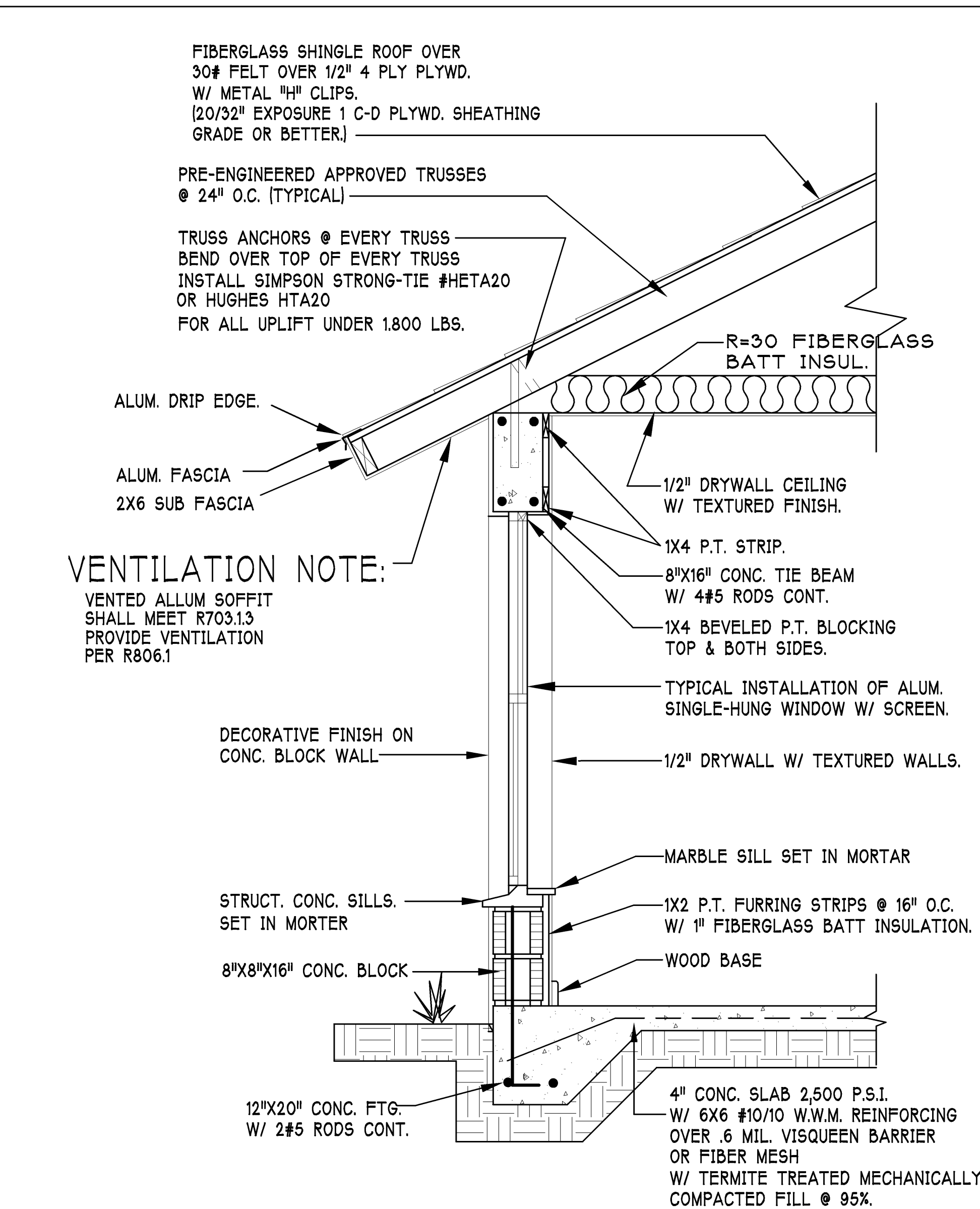
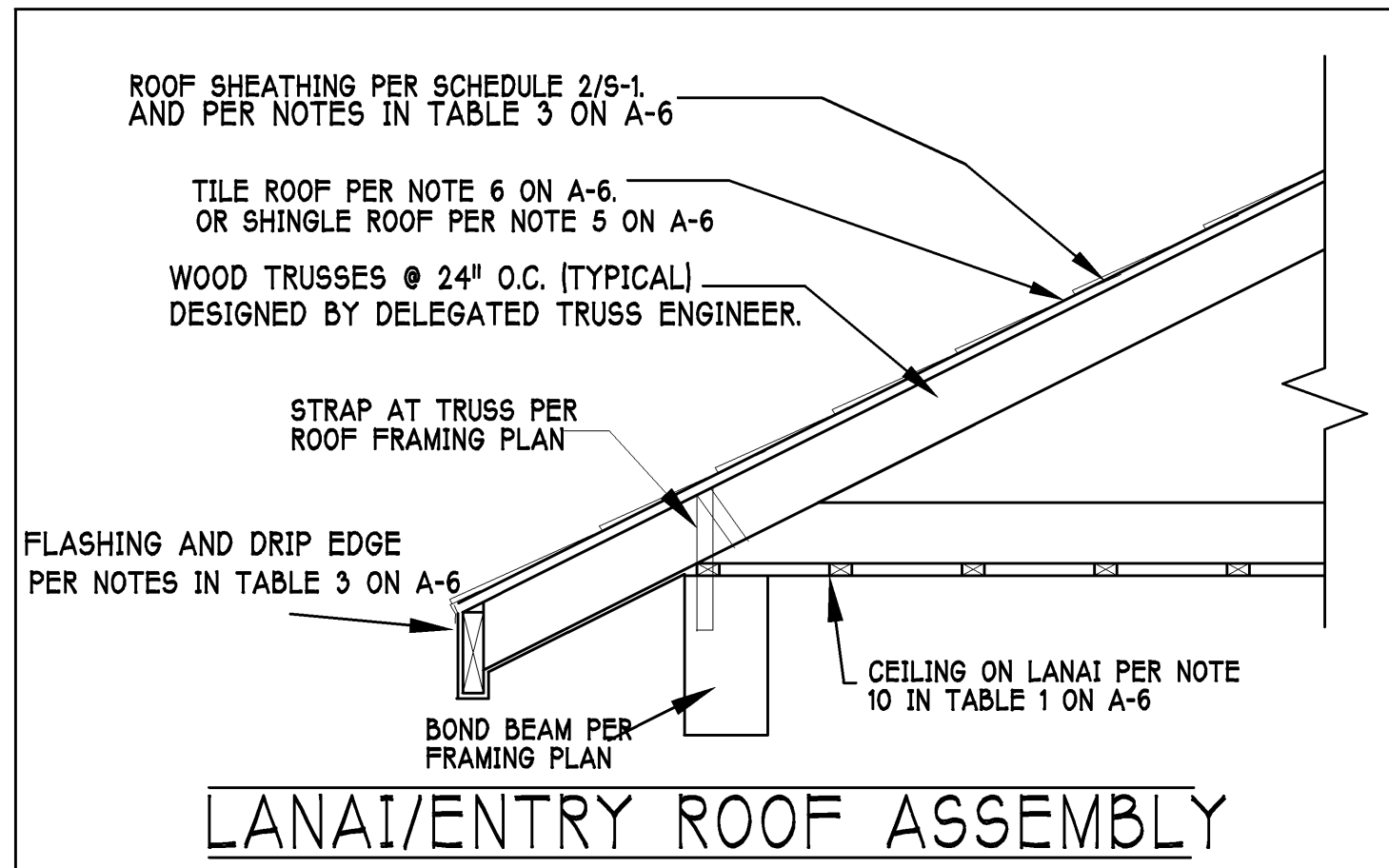
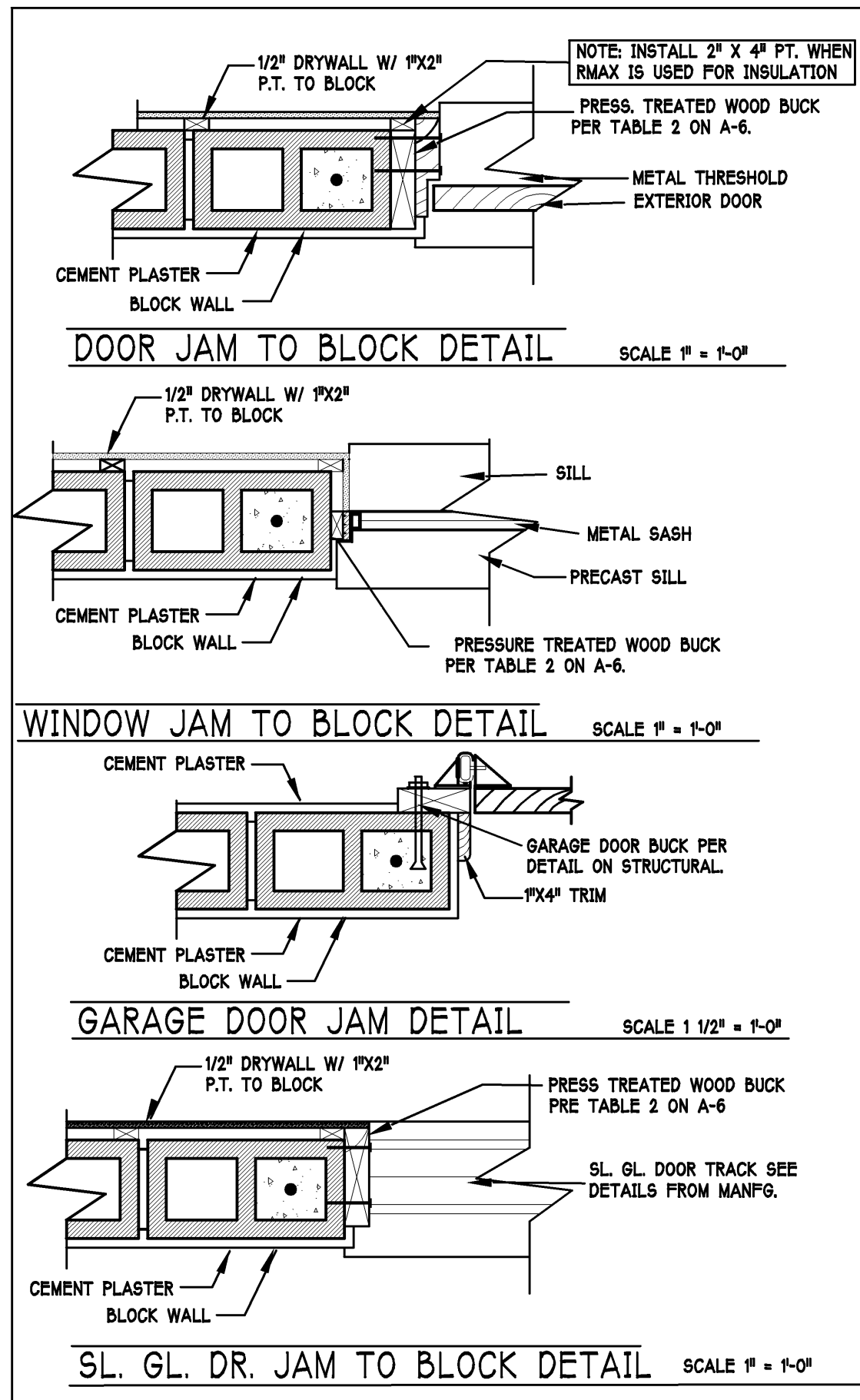
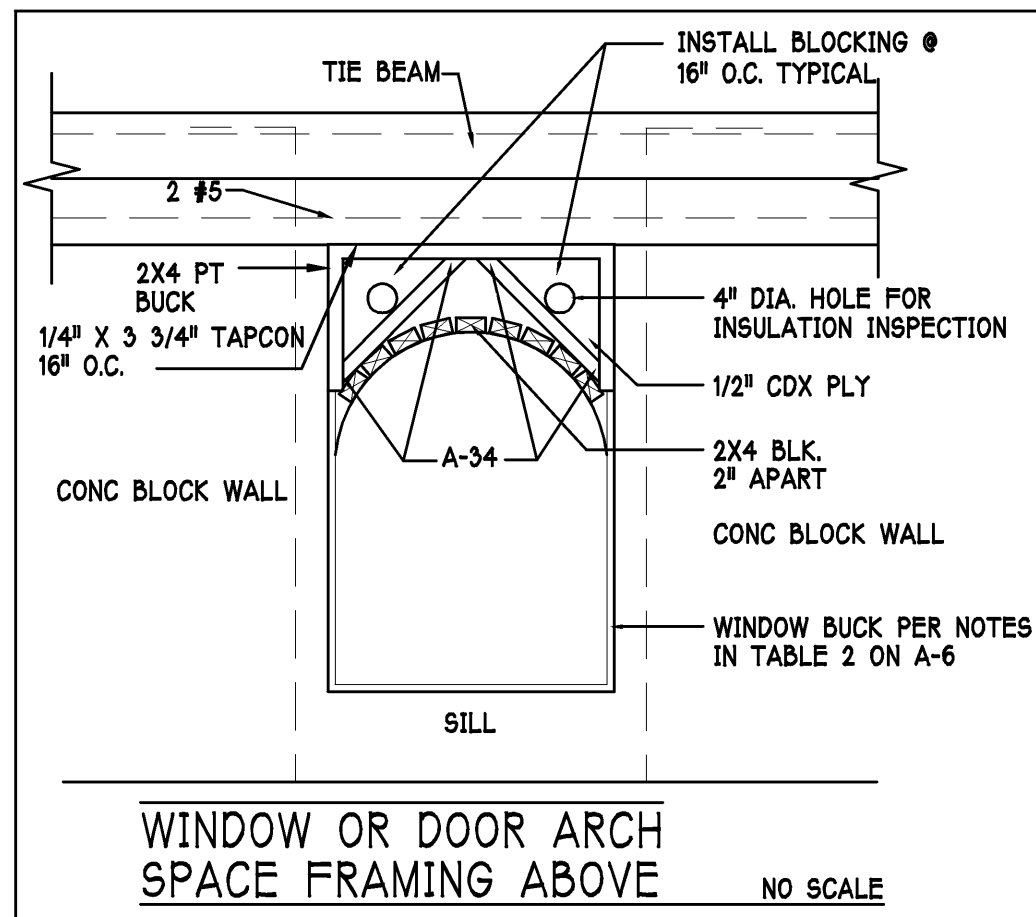
INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF. THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF R905.3 F.B.C. MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURER'S IDENTIFICATION MARK. APPLICATION SPECIFICATIONS: THE TILE MANUFACTURER'S WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

1. TILE PLACEMENT AND SPACING.
2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.
- A. AMOUNT AND PLACEMENT OF MORTAR
- B. AMOUNT AND PLACEMENT OF ADHESIVE
- C. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS.
3. UNDERLAYMENT
4. SLOPE REQUIREMENT.

7
FLOOR SHEATHING AT 2ND FLOOR

APA RATED STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES
SPAN RATING 48/24 OR BETTER, GLUE AND NAIL W/ 10d COMMON @ 6" O.C. EDGE AND FIELD.

8
EXTERIOR WALL SHEATHING
SHALL BE 7/16" THICK ZIP SYSTEM WALL SHEATHING MANUFACTURED BY HUBER ENGINEERED WOODS LLC. INSTALL PANELS WITH A 1/8" GAP BETWEEN EDGES AND FASTEN WITH 8d COMMON NAILS @ 6" O.C. EDGE AND FIELD. IF PANELS ARE INSTALLED HORIZONTALLY, BLOCKING SHALL BE INSTALLED BEHIND PANEL JOINTS. ALL SEAMS IN THE SHEATHING SHALL BE SEALED WITH THE ZIP SYSTEM SELF ADHERING SEAM TAPE USING THE ZIP SYSTEM APPLICATOR GUN. THE USUAL TYVEK HOUSE WRAP IS NOT REQUIRED.



TYPICAL WALL SECTION
SCALE: 3/4"= 1'-0"

DESIGN IN ACCORDANCE W/ THE
2010 FLORIDA BUILDING CODES

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MODEL:	CARNEY 2558	RESIDENCE FOR:	XXX	BLOCK :	LOT:	SUBDIV:	ADDRESS:	CITY	DATE:
									6-13-12
DRAWN BY:	JWC	CHECKED BY:	JWC	REVISED:	PLAN:	SECTIONS	SCALE:	AS NOTED	SHEET#
									A6