

MECAWind Version 2.1.1.4 per ASCE 7-10

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Date : 9/25/2013 Project No. : DBM 2984 PLAN
 Company Name : Paul E Hagler, Consulting Engr. Designed By : Paul E Hagler, FPE 20158
 Address : 1172 Fernwood Description : New Residence
 City : Holiday Customer Name : Deeb Family Homes
 State : FL 34690 Proj Location : Safety Harbor, FL
 File Location: H:\2009-Wind-Online\1172-2013\Task-Super-1994-Plan.mcd

Directional Procedure Simplified Diaphragm Building (Ch 27 Part 2)
 All pressures shown are based upon ASD Design, with a Load Factor of 1.6

Basic Wind Speed(V) - 145.00 mph
 Risk Category - II Exposure Category - B
 Natural Frequency - N/A Flexible Structure - No
 Importance Factor - 1.00 Kd Directional Factor - 0.85
 Damping Ratio (beta) - 0.01
 Alpha - 7.09 Zg - 1200.00 ft
 At - 0.14 Rt - 0.84
 An - 0.25 Em - 0.45
 Cc - 0.30 l - 320.00 ft
 Epsilon - 0.33 Zmin - 30.00 ft
 Slope of Roof - 4 : 12 Slope of Roof(Theta) - 18.47 Deg
 Ht: Mean Roof Ht - 16.58 ft Type of Roof - Ripped
 Ht: Ridge Ht - 21.16 ft Eht: Eave Height - 10.00 ft
 OW: Roof Overhang at Eave - 1.50 ft Roof Area - 5155.00 ft²
 Rldg Length Along Ridge - 70.00 ft Bldg Width Across Ridge - 64.00 ft

gust Factor Summary
 Not a Flexible Structure use the Lesser of Gust1 or Gust2 - 0.95

Table 26.11-1 Internal Pressure Coefficients for buildings, GCp1
 GCp1 : Internal Pressure Coefficient - +/- 0.18

Wind Pressure on Components and Cladding (Ch 30 Part 1)
 All pressures shown are based upon ASD Design, with a Load Factor of 1.6

Width of Pressure Coefficient Zone "a" - 6.232 ft

Description	Width ft	Span ft	Area ft ²	Zone	Max GCp	Min GCp	Max P psf	Min P psf
10 sf Interior	2.00	5.00	10.00	4	0.00	-1.10	22.69	-24.62
10 sf Corner	2.00	5.00	10.00	5	0.00	-1.40	22.69	-30.39
20 sf Interior	4.00	5.00	20.00	4	0.95	-1.05	21.67	-23.59
20 sf Corner	4.00	5.00	20.00	5	0.95	-1.29	21.67	-28.34
50 sf Interior	8.00	5.00	40.00	4	0.89	-0.99	20.65	-22.57
50 sf Corner	8.00	5.00	40.00	5	0.89	-1.19	20.65	-26.30
100 sf Interior	14.30	7.00	100.14	4	0.82	-0.92	19.30	-21.22
100 sf Corner	14.30	7.00	100.14	5	0.82	-1.05	19.30	-23.59
200 sf Interior	28.60	7.00	200.28	4	0.77	-0.87	18.27	-20.20
200 sf Corner	28.60	7.00	200.28	5	0.77	-0.94	18.27	-21.55
Wall Interior	20.00	10.00	200.00	4	0.77	-0.97	18.27	-20.20
Wall Corner	6.23	10.00	62.30	5	0.86	-1.12	19.99	-24.99
Roof Interior	30.00	10.00	300.00	1	0.30	-0.80	16.00	-18.05
Roof eave	30.00	6.23	187.00	2	0.30	-1.20	16.00	-26.54
Roof corner	6.23	3.00	18.70	3	0.45	-1.56	16.00	-33.54
Roof Eave overhang	30.00	1.50	45.00	2H	0.37	-2.20	16.00	-42.31
Roof corner overhang	6.23	1.50	9.34	3H	0.50	-3.70	16.00	-71.16

Khoo:Comp. & Clad. Table 6-3 Case 1 - 0.70
 Qhoo:0.0256*V²*Khoo*Kh*Ed - 19.23 psf

ENGINEER'S NOTES:

ENGINEER RESERVES THE RIGHT TO MAKE MODIFICATIONS AS CONSTRUCTION PROGRESSES. THIS IS A REMODEL TO AN EXISTING HOME, AND AS SUCH, EXISTING CONDITIONS MUST BE ASSESSED BY CONTRACTOR. QUESTIONABLE AREAS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD. ENGINEER HAS DONE NO FIELD INVESTIGATION PRIOR TO CONSTRUCTION. EXISTING CONDITIONS INDICATED IN THIS PLAN SET ARE ASSUMED. CONTRACTOR TO INFORM ENGINEER OF ANY DIFFERENCE IN DIMENSION OR BEARING AS DEMOLITION COMMENCES. ENGINEER MAY REQUIRE ADDITIONAL SUPPORT OR MAY MAKE CHANGES TO ATTACHMENT CRITERIA AS WORK PROGRESSES. CONTRACTOR IS NOT TO ASSUME ANYTHING, BUT IS TO CONSULT WITH ENGINEER FOR CLARIFICATION OF ANY PLAN NOTES OR FIELD CONDITION FOUND TO DIFFER FROM THOSE PRESENTED IN THE PLANS.

ALL PRE-ENGINEERED WOOD PRODUCTS ARE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE TRUSS ENGINEER IS A DELEGATED ENGINEER FOR THIS PROJECT, AND AS SUCH, IS RESPONSIBLE FOR THE VALIDITY OF THE COMPONENTS PROVIDED. FRAMING LAYOUTS SHOWN MAY BE CHANGED BY THE TRUSS MANUFACTURER. THE DELEGATED ENGINEER IS RESPONSIBLE FOR PROVIDING A FINAL SEALED SET OF ALL CALCULATIONS AND LAYOUTS FOR THIS PROJECT TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO MANUFACTURE OF SAID COMPONENTS. ENGINEER OF RECORD HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S COMPONENTS AT THIS TIME AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER SUCH INFORMATION HAS BEEN PROVIDED FOR REVIEW. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING INFORMATION REQUESTED ABOVE HAS BEEN SUBMITTED TO ENGINEER OF RECORD IN A TIMELY MANNER WHEN AVAILABLE.

ALL PRE-ENGINEERED TRUSSES TO BE DESIGNED USING THE MOST RECENT TPI CRITERIA. TRUSSES TO BE HANDLED AND INSTALLED USING MOST RECENT BCSI RECOMMENDATIONS. TEMPORARY AND PERMANENT BRACING SHALL BE PER MOST RECENT BCSI RECOMMENDATIONS UNLESS NOTED OTHERWISE, OR MORE STRINGENT CODE REQUIREMENTS APPLY. TRUSS ENGINEER IS RESPONSIBLE FOR INDICATING ALL TRUSS TO TRUSS CONNECTORS. ALL COMPONENTS TO BE DESIGNED FOR BOTH GRAVITY AND UPLIFT LOAD CASES, INCLUDING BEAM COMPONENTS. UPON REVIEW, ENGINEER OF RECORD WILL PROVIDE A REVIEW LETTER INDICATING ANY CHANGE IN STRAPPING OR SUPPORT BASED ON THAT REVIEW. CONSTRUCTION COMMENCING PRIOR TO ENGINEER'S REVIEW IS SUBJECT TO MODIFICATION BASED ON REVIEW LETTER.

CODE COMPLIANCE NOTES:

PRE-CAST AND PRE-STRESSED CONCRETE COMPONENTS SHALL BE USED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS. PRE-CAST LINTELS HAVE BEEN REVIEWED AND PLACED BASED ON DESIGN ALLOWABLE LOAD INFORMATION PROVIDED BY CAST CRETE. THEREFORE, CAST CRETE IS A DELEGATED ENGINEER FOR THIS PROJECT. ENGINEER OF RECORD MUST APPROVE IN WRITING ANY CHANGE IN LINTEL MANUFACTURER. ALL OTHER STRUCTURAL PRE-CAST COMPONENT MANUFACTURERS MUST SUBMIT DESIGN LOAD INFORMATION TO ENGINEER OF RECORD FOR APPROVAL. ENGINEER OF RECORD RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER SUCH INFORMATION HAS BEEN PROVIDED FOR REVIEW. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING INFORMATION REQUESTED ABOVE HAS BEEN SUBMITTED TO ENGINEER OF RECORD IN A TIMELY MANNER WHEN AVAILABLE.

ALL MANUFACTURED PRODUCTS SUCH AS ROOFING, WINDOWS, DOORS, ETC. ARE SHOWN HEREIN FOR ILLUSTRATION PURPOSES ONLY. THE INFORMATION SHOWN IS THE RESPONSIBILITY OF THE MANUFACTURER. THE MANUFACTURER IS RESPONSIBLE FOR THE VALIDITY OF THE COMPONENTS PROVIDED. ATTACHMENT INFORMATION GIVEN BY THE MANUFACTURER IS PROVIDED HEREIN. CONTRACTOR, AS PROJECT COORDINATOR, SHALL BE RESPONSIBLE FOR INSURING THAT THE APPROPRIATE PRODUCT/COMPONENT IS USED AND THAT

IT HAS BEEN INSTALLED PER MANUFACTURER'S SPECIFICATIONS SUCH THAT IT WILL WITHSTAND THE COMPONENTS AND CLADDING PRESSURES REQUIRED BY THE SEALED PLANS.

ENGINEER OF RECORD HAS NOT REVIEWED THIS INFORMATION FOR APPLICABILITY OR AS A FORM OF PRODUCT APPROVAL OR ENDORSEMENT.

GENERAL NOTES:

FRAMING PLAN IS DIAGRAMMATIC IN NATURE AND IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY. TRUSS MANUFACTURER TO PROVIDE SEPARATE LAYOUT AND TRUSS COMPONENT DESIGN SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.

ALL PRE-ENGINEERED WOOD PRODUCTS SHALL BE VERIFIED BY TRUSS MANUFACTURER. TRUSS MANUFACTURER SHALL HAVE THE AUTHORITY TO MAKE SUBSTITUTIONS FOR PRODUCTS SPECIFIED ON THE PLANS DUE TO AVAILABILITY OR ECONOMICS. CHANGES SPECIFIED BY THE TRUSS MANUFACTURER SHALL CONTROL. CHANGES MADE AFTER TRUSS ENGINEERING HAS BEEN PROVIDED TO ENGINEER OF RECORD, MUST BE APPROVED BY THE ENGINEER OF RECORD.

1. ALL EXTERIOR WALLS ARE SHEAR WALLS. NO INTERIOR SHEAR WALLS ARE REQUIRED ON THIS

2. ALL EXTERIOR WINDOWS & GLASS DOORS ARE REQUIRED TO BE TESTED IN ACCORDANCE WITH ANSI/AMMA/NWDA 102/IS2 STANDARD AND BEAR AN AMMA OR WDMA LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT TESTING ENTITY.

ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH INS MUST BE COMPLETE, INSPECTED, AND APPROVED BEFORE REQUESTING THE FRAMING INSPECTION.

2. DESIGN CRITERIA:

- 2.1 ROOF LOADING
 LIVE 20 PSF @ 1.25 DURATION FACTOR
 30 PSF @ 1.33 DURATION FACTOR
 DEAD 17 PSF FOR SHINGLE
 25 PSF FOR TILE
- 2.2 FLOOR LOADING
 LIVE 40 PSF @ 1.00 DURATION FACTOR
 DEAD 15 PSF
- 2.3 BALCONY LOADING
 LIVE 60 PSF @ < 100 SF. - OVER 100 SF. = 100 PSF
 DEAD 15 PSF
- 2.4 FOR FLOORING MATERIALS HEAVIER THAN 5 PSF,
 CONTACT ENGINEER OF RECORD FOR RECOMMENDATIONS.
- 2.5 WIND LOADING
 SEE TABLE FOR CRITERIA
 DEAD MAXIMUM 10 PSF FOR SHINGLE
 15 PSF FOR TILE

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PLAN DATE

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COVER

NOTES

1. CODES AND REFERENCES:

- 1.1 FLORIDA BUILDING CODE, RESIDENTIAL 2010.
- 1.2 AMERICAN CONCRETE INSTITUTE OF STRUCTURAL CONCRETE (ACI 318)
- 1.3 AMERICAN CONCRETE INSTITUTE OF MASONRY STRUCTURES (ACI-530/ASCE-5/TMS 402 AND SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530 I/ASCE 6/TMS 602)
- 1.4 AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE-7)
- 1.5 SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS LATEST EDITION
- 1.6 DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES BY THE TRUSS PLATE INSTITUTE (TPI) LATEST EDITION
- 1.7 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) LATEST EDITION
- 1.8. AMERICAN PLYWOOD ASSOCIATION DESIGN / CONSTRUCTION GUIDE. (APA) LATEST EDITION

3. SOIL:

- 3.1 DESIGN ASSUMES MINIMUM ALLOWABLE SOIL PRESSURES 2,000 PSF U.N.O.
- 3.2 CONTRACTOR TO FIELD VERIFY

4. CONCRETE:

- 4.1 OPERATION INSTALLATION AND PRECEDURE TO COMPLY WITH ACI STANDARDS
- 4.2 CONCRETE & MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS U.N.O.
- 4.3 REINFORCEMENT REBARS ASTM A615 GRADE 40 U.N.O.
- 4.4 WELD WIRE FABRIC (WWF ASTM A185) OR FIBERMESH
- 4.5 LAP SPLICES AND HOOKS SEE TABLE.

5. MASONRY:

- 5.1 MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF, "SPECIFICATION FOR MASONRY STRUCTURES (ACI 530.1/ASCE 6/TMS 602)." CONCRETE INSTITUTE, FARMINGTON HILLS, MICHIGAN; AND THE AMERICAN SOCIETY OF CIVIL ENGINEERS, RESTON, VIRGINIA; EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THESE CONTRACT DOCUMENTS.
- 5.2 GENERAL SPECIFICATION FOR MASONRY STRUCTURES
 - 5.2.1 TESTING OF FIELD MATERIALS FOR QUALITY CONTROL IS NOT REQUIRED BY ENGINEER FOR THIS PROJECT
 - 5.2.2 COMPRESSIVE STRENGTH REQUIREMENTS IS $f_m=1500$ PSI
 - 5.2.3 DETERMINATION OF COMPRESSIVE STRENGTH IS THE ALLOWABLE STRESS METHOD
 - 5.2.4 UNIT STRENGTH METHOD IS NOT APPLICABLE.
 - 5.2.5 QUALITY ASSURANCE IS NOT APPLICABLE.
- 5.3 PRODUCTS
 - 5.3.1 MORTAR MATERIALS SHALL BE TYPE M OR S GRAY MORTAR.
 - 5.3.2 MASONRY UNIT MATERIALS SHALL BE 1900 PSI MIN. CONCRETE MASONRY UNIT.
 - 5.3.3 REINFORCEMENT, PRE-STRESSED TENDONS, AND METAL ACCESSORIES SHALL BE 40 KSI REBAR (MIN.)
 - 5.3.4 WELDED WIRE FABRIC TO BE INSTALLED AS SPECIFIED ON PLAN SET.
 - 5.3.5 STAINLESS STEEL IS NOT APPLICABLE.
 - 5.3.6 COATING FOR CORROSION PROTECTION IS NOT APPLICABLE.
 - 5.3.7 CORROSION PROTECTION FOR TENDONS IS NOT APPLICABLE.
 - 5.3.8 PRE-STRESSING ANCHORAGE, COUPLERS, AND END BLOCKS ARE NOT APPLICABLE.
 - 5.3.9 JOINT FILLERS ARE NOT APPLICABLE.
 - 5.3.10 LINTELS TO BE BY CAST-CRETE U.N.O.
- 5.4 EXECUTION
 - 5.4.1 PIPES AND CONDUITS ARE NOT APPLICABLE.
 - 5.4.2 ACCESSORIES ARE NOT APPLICABLE.
 - 5.4.3 EXPANSION AND CONTROL JOINTS SHALL BE AS INDICATED IN PLAN SET.

6. WOOD FRAMING:

- 6.1 DIMENSIONED LUMBER SHALL BE DRESSED S4S, AND SHALL BEAR THE GRADE STAMP OF THE MANUFACTURER'S ASSOCIATION.
- 6.2 ALL LUMBER SHALL BE SOUND, SEASONED, AND FREE FROM WARP.
- 6.3 FRAMING WALLS AND COLUMNS
 - 6.3.1 MINIMUM OF 3 PLY STUD COLUMNS TO BE INSTALLED AT BEAM OR GIRDER TRUSS BEARING LOCATIONS. UNLESS NOTED OTHERWISE.
 - 6.3.2 S.Y.P. #1 GRADE OR BETTER FASTEN PLYS TOGETHER USING 16d COMMON NAILS 6" O.C. AS EACH MEMBER IS APPLIED (U.N.O.)
 - 6.3.3 4 PLY OR AND LARGER STUD COLUMNS SHALL BE FASTENED TOGETHER AS STATED ABOVE PLUS CS16 COIL STRAPPING WRAPPED AROUND COLUMN WITH A 4" END CAP AT 16" O.C. OR 1/2" < THRU BOLTS AT 24" O.C.

- 6.3.4 ALL EXTERIOR FRAMING LUMBER SHALL BE #1 SYP OR EQUAL
- 6.3.5 INTERIOR LOAD BEARING (IF APPLICABLE) WALLS SPACED AT 16" O.C.
- 6.3.7 INTERIOR NON-LOAD BEARING WALLS SHALL BE UTILITY GRADE OR BETTER
- 6.3.8 INSTALL BLOCKING IN ALL WALL STUDS OVER 8'-0" AT MID-HEIGHT, AND SHEATHING JOINT. BRACE GABLE END WALLS AT 4'-0" O.C. AS SHOWN IN DRAWINGS
- 6.4 ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED OR NATURAL DURABLE WOOD.
- 6.5 PRESSURE TREATED LUMBER SHALL BE IMPREGNATED WITH A CCA SALT TREATMENT IN ACCORDANCE WITH F.S. 11-W-571 AND BARE
- 6.6 THE AMERICAN WOOD PRESERVES INSTITUTE EQUALITY MARK LP-2. A.P.A. RATED SHEATHING EXTERIOR GRADE. ALL ROOF SHEATHING TO BE INSTALLED WITH FLY CLIPS (MAXIMUM 24" O.C.). (SEE PLANS FOR SHEATHING THICKNESS.) FOR ALL SHEATHING

- 6.6.1 ATTACHMENT, SEE TYPICAL NAILING SCHEDULE
ROOF: SHINGLE, 7/16" MIN. THICK SUPPORTED OVER 24" MAX. SPAN
TILE, 1/2" MIN. THICK SUPPORTED OVER 24" MAX. SPAN
WALL: 7/16" MIN. THICK SUPPORTED OVER 24" MAX. SPAN
- 6.6.2 FLOOR: CARPET, VINYL, WOOD, ETC., 3/4" MIN. TONGUE AND GROOVE SUPPORTED OVER 24" MAX. SPAN
- 6.6.3 CERAMIC TILE, MARBLE, ETC., SEE MANUFACTURERS RECOMMENDATIONS.
- 6.7 ALL NAILING AND BOLTING SHALL COMPLY WITH AMERICAN INSTITUTE OF TIMBER CONSTRUCTION REQUIREMENTS. ALL NAILS EXPOSED TO THE EXTERIOR SHALL BE GALVANIZED.
- 6.8 ALL CONNECTION HARDWARE SHALL BE GALVANIZED AND SUPPLIED BY SIMPSON STRONG TIE CO., USP, OR EQUIVALENT. SUBMIT CUT SHEETS FOR ALL CONNECTION HARDWARE TO ENGINEER FOR APPROVAL. ALL NAIL HOLES SHALL BE FILLED OR AS PRESCRIBED BY THE MANUFACTURER.
- 6.9 BRACING: TEMPORARY BRACING OF THE ROOF SYSTEM SHALL BE INSTALLED PER HIB-91 RECOMMENDATIONS AND SHALL BE UTILIZED AS THE PERMANENT BRACING FOR THE ROOF SYSTEM (U.N.O.)
- 6.10 ALL WOOD FRAMING SHALL BE IN COMPLIANCE WITH THE LATEST NDS EDITION FOR WOOD CONSTRUCTION.
- 6.11 ALL WOOD LOAD BEARING COMPONENTS TO BE #1 SYP. NON LOAD BEARING COMPONENTS MAY BE SPF (UTILITY GRADE OR BETTER)

NOTES:

MISSING DOWELS: WHERE FOOTING DOWELS ARE PLACED INCORRECTLY OR MISTAKENLY ELIMINATED, REPLACE DOWEL AT PROPER LOCATION W/ GRADE 40 #5 BAR. INSTALL IN SLAB W/ 5" MINIMUM EMBEDMENT, USE EPOXY GROUT.

MISSING TRUSS ANCHORS: TRUSSES WHICH ARE PLACED SUCH THAT AN EMBEDMENT ANCHOR IS MISPLACED OR MISSING MAY BE FASTENED TO THE MASONRY BOND BEAM USING ONE SIMPSON MTSM16 W/ (4) 1/4"x2 1/4" TITEN SCREWS AND 7-10 D NAILS IN TRUSS. MAS CAP IS 840 #.

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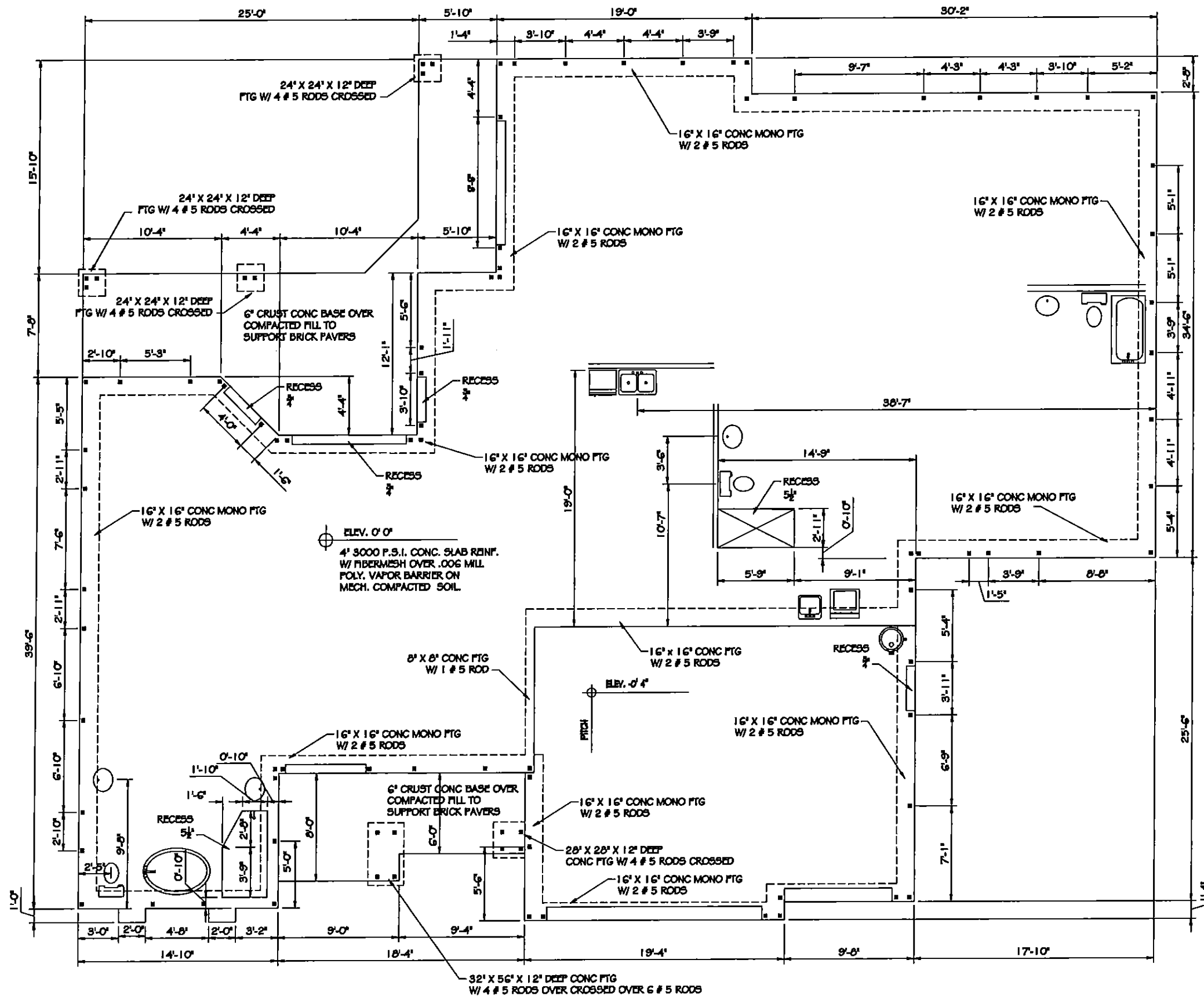
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NOTES

S1



NOTES

- 1) THE FOUNDATION SYSTEM FOR THIS PLAN IS DESIGNED ACCORDING TO RAZAK GEO TECHNICAL ENGINEERS INC. DATED 5-29-2012 ALLOWABLE BEARING PRESSURE OF 1500 P.S.F.
- 2) FOOTINGS TO BEAR MIN. 12" BELOW GRADE.
- 3) FOOTINGS TO BEAR ON SOIL PREPARED ACCORDING TO ATTACHED SOILS REPORT FILL COMPACTED TO 95% MOD. PROCTOR BETWEEN LESS THAN 12" LIFTS.
- 4) ALL BEARING SOILS TO BE FREE OF DEBRIS AND ORGANIC MATERIAL.
- 5) REFER TO STRUCTURAL ENGINEER NOTES.

SYNTHETIC FIBER REINFORCEMENT IN CONCRETE FOR SLAB-ON GRADE SHALL COMPLY WITH SEC. 1911.2 (EXCEPTION 1)

DRIVEWAY SPEC:
 DRIVEWAY NOT IN RIGHT OF WAY AND ALL SIDEWALKS TO BE 4" 3000PSI CONC. W/ FIBERMESH.
 DRIVEWAY IN RIGHT OF WAY TO BE 6" 3000 PSI CONCRETE WITH FIBERMESH AND WIRE REINFORCEMENT.

TERMITE SPECIFICATIONS:

INSTALL "BORA-CARE" TERMITE PROTECTION SYSTEM PER MANUF. SPECIFICATIONS

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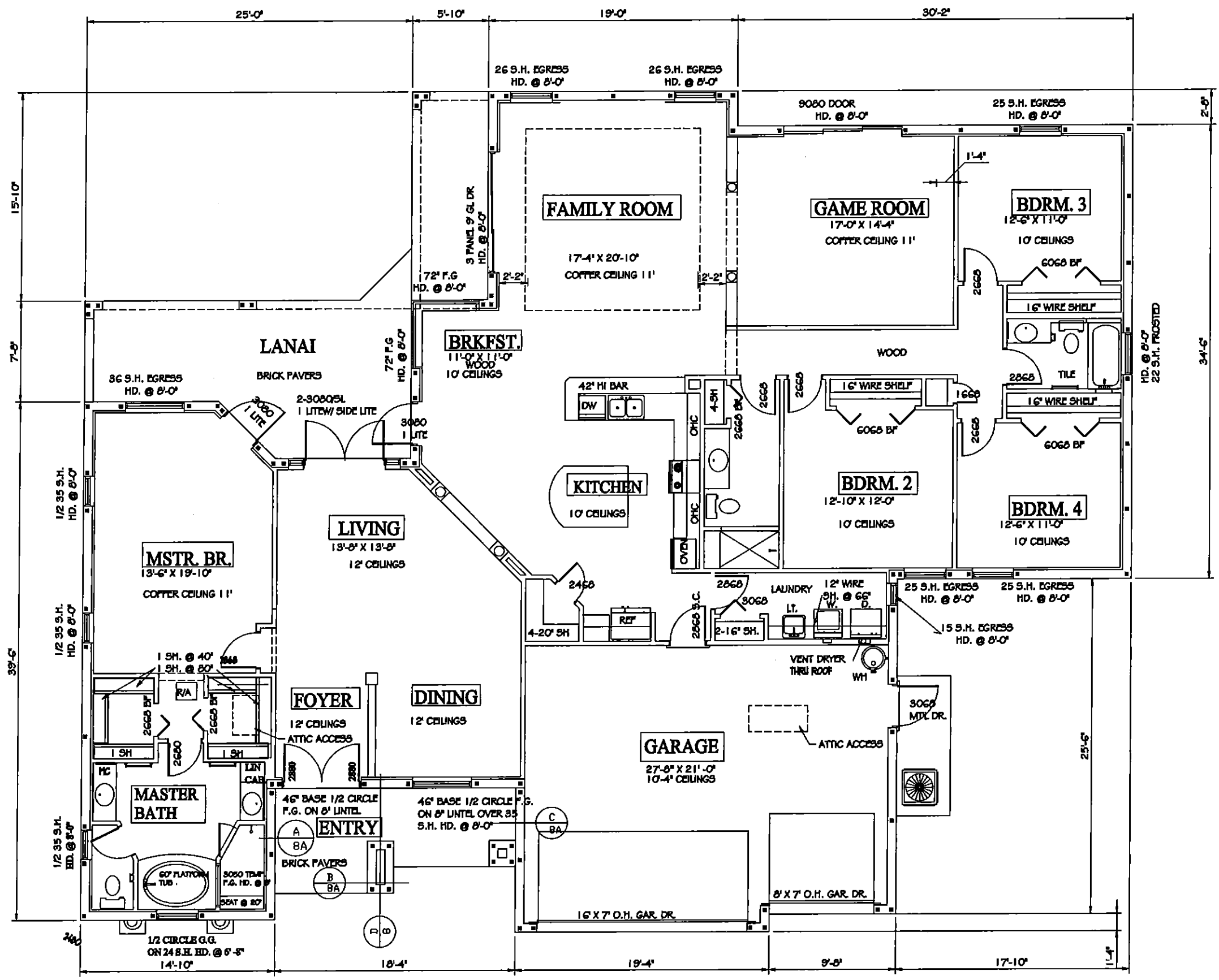
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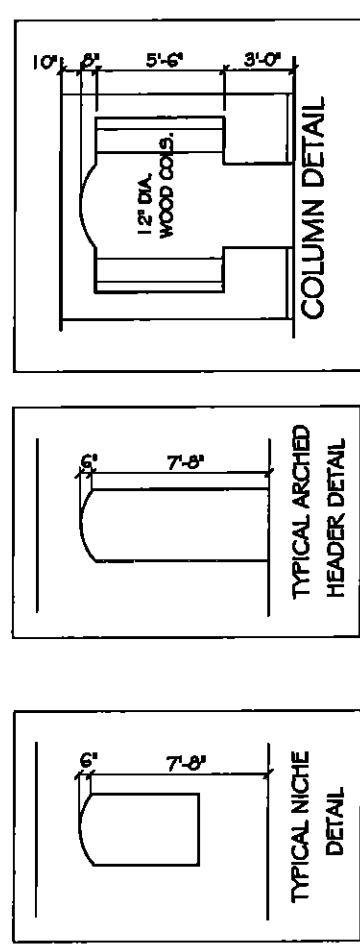
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1



SQUARE FOOTAGES
 LIVING AREA- 2984 S.F.
 GARAGE - 614 S.F.
 LANAI - 342 S.F.
 ENTRY - 130 S.F.
 TOTAL - 4070 S.F.



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FLOOR PLAN

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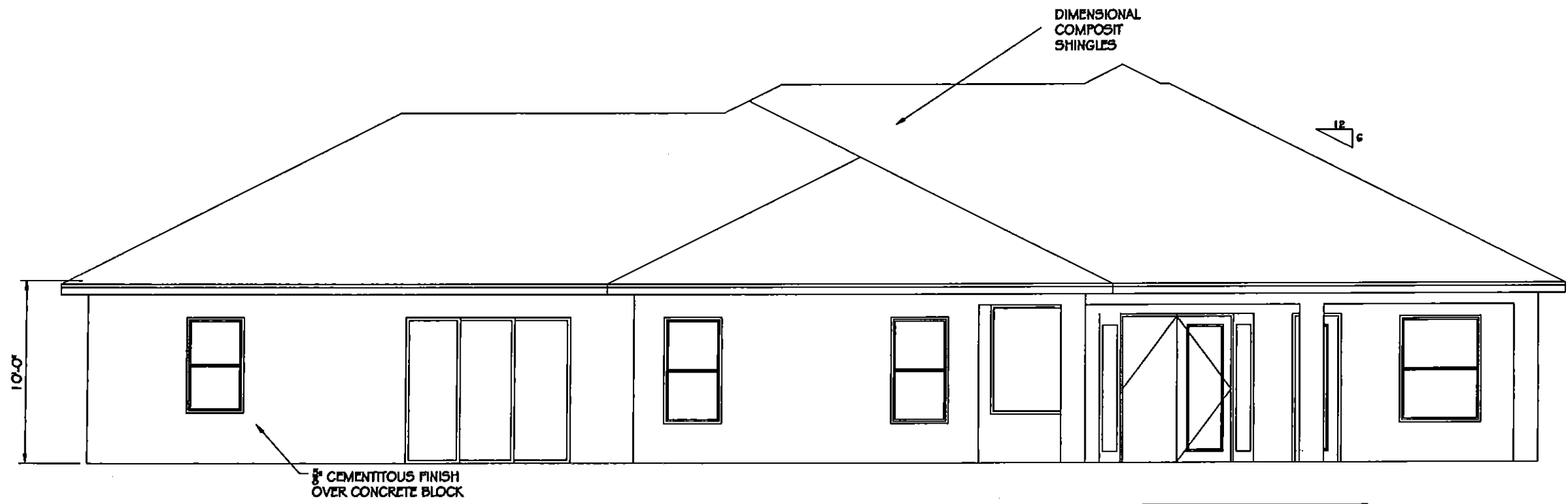
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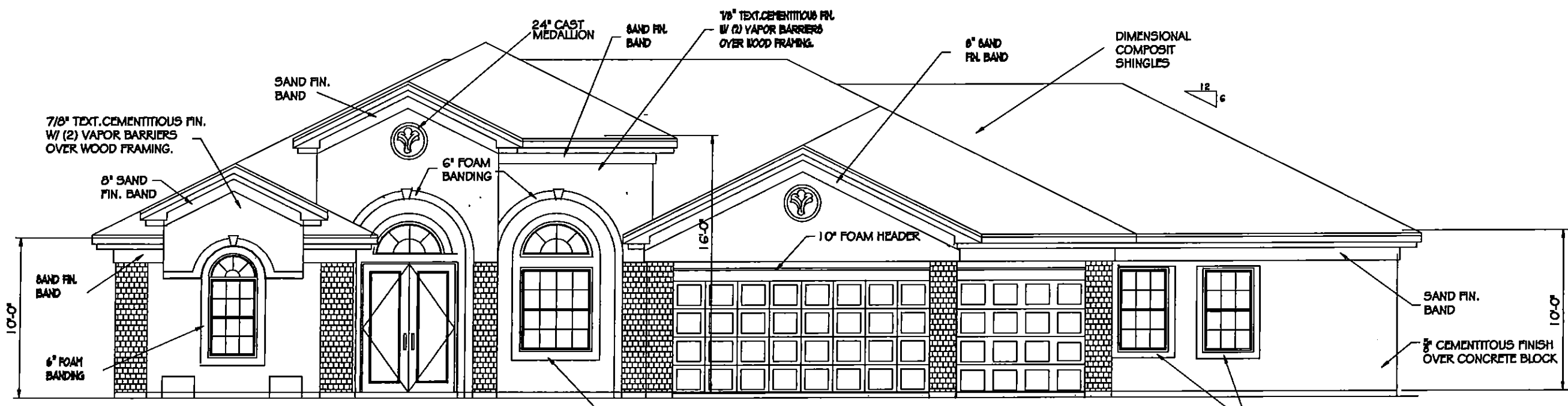
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2

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REAR ELEVATION



FRONT ELEVATION-B

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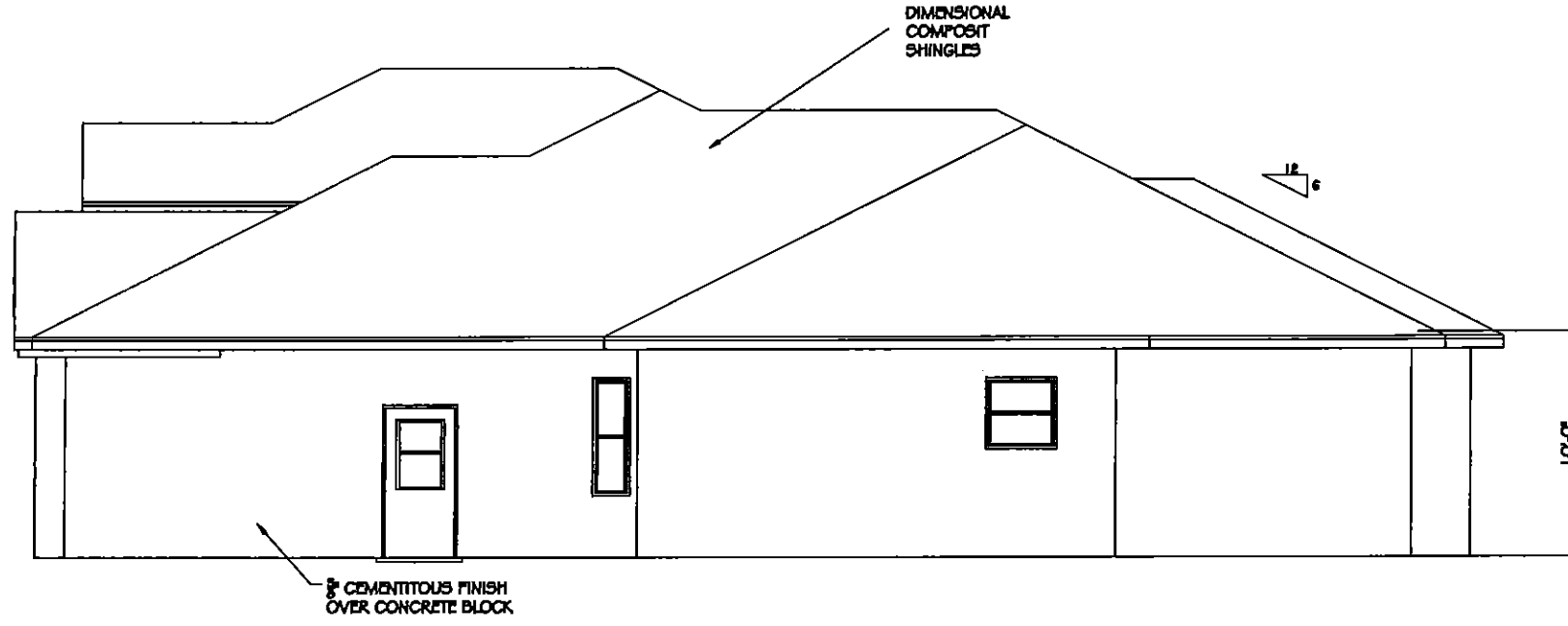
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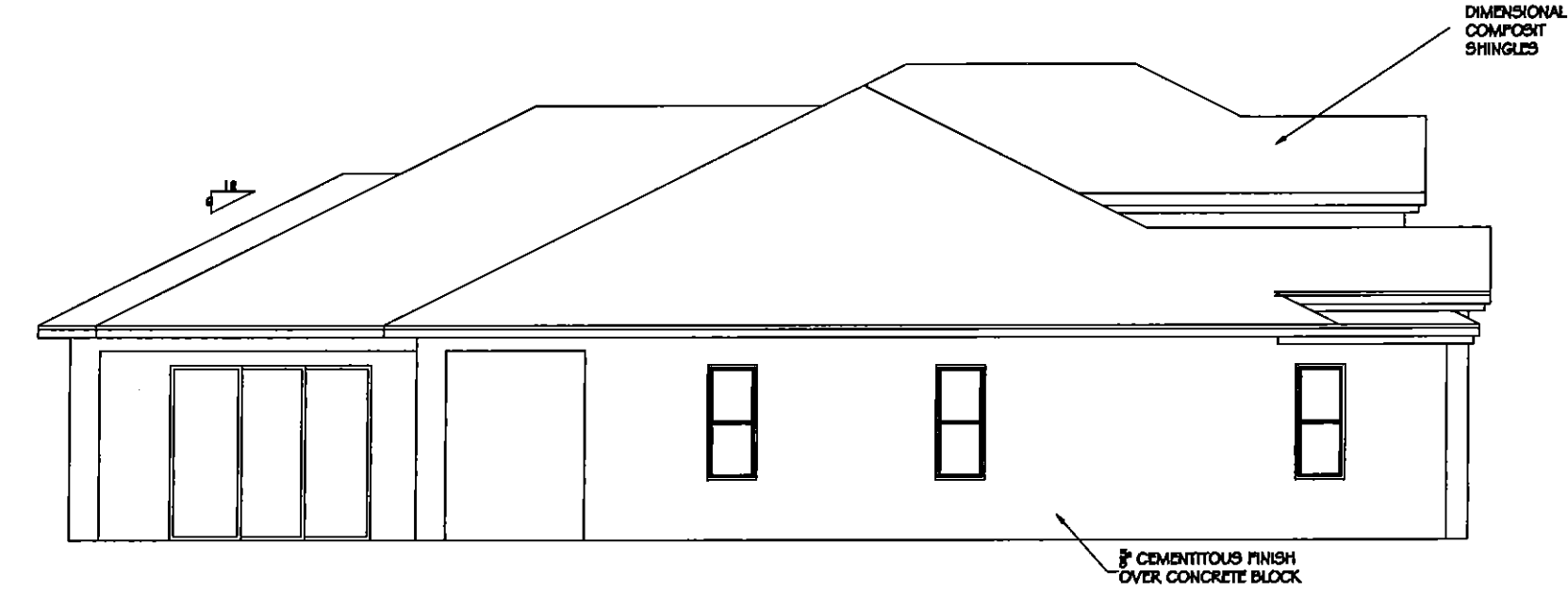
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4



LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION

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ELEVATIONS

5

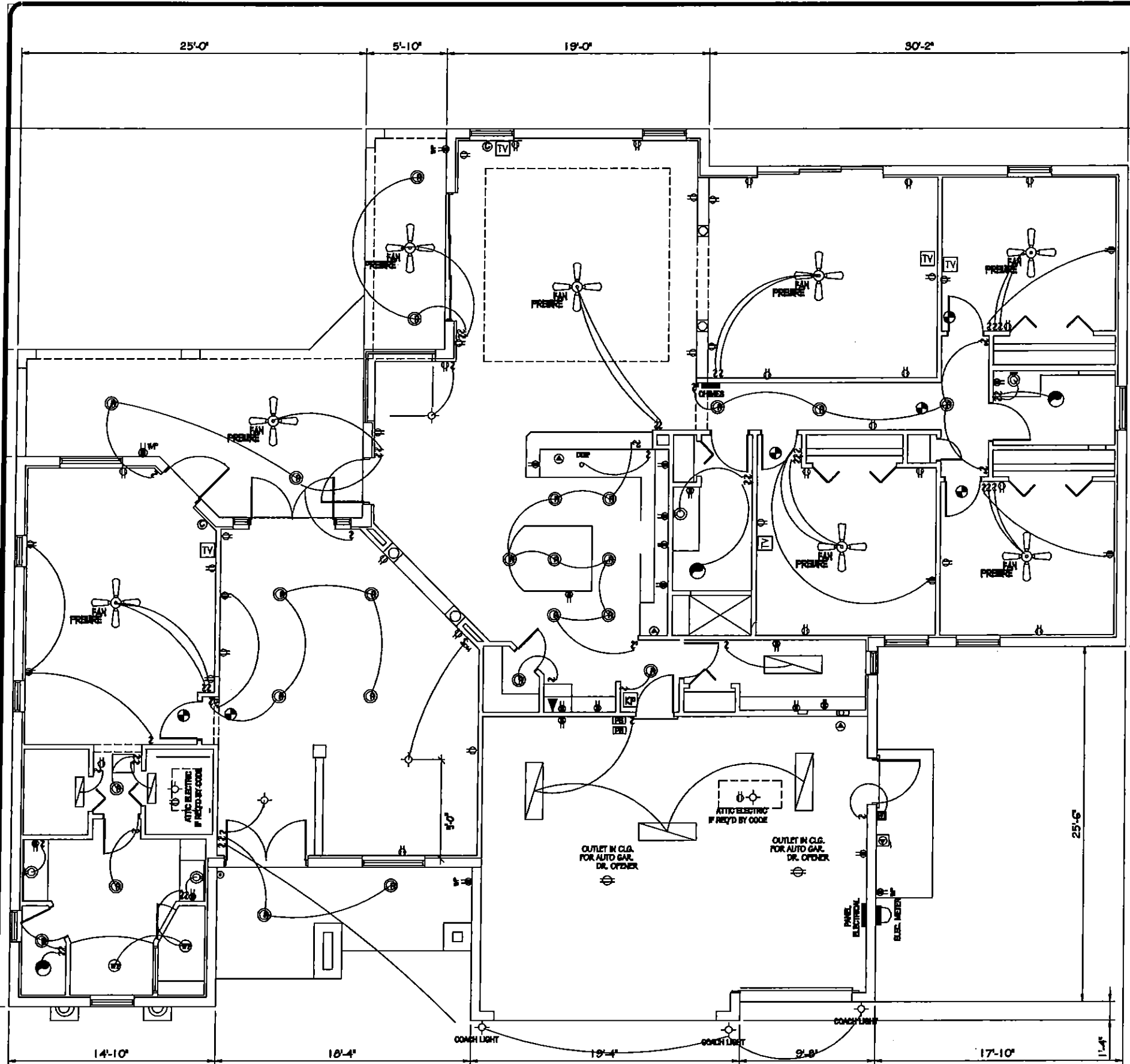
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UNLESS OTHERWISE NOTED
 1. ELECTRICAL OUTLET HEIGHTS MEASURED FROM FINISHED FLOOR TO CENTERLINE OF THE BOX TO BE 12" A.F.F. (GENERAL)

KITCHEN 42" HORIZONTAL
 BATHROOM 42" HORIZONTAL
 LAUNDRY 36" WASHER/ 24" DRYER/ WALL OUTLETS 45"
 EXTERIOR WATERPROOF @ 12"
 GARAGE GM @ 45"
 RANGE 220V @ 4"

2. ALL TRIM PLATES AND DEVICES TO GANGED WHERE POSSIBLE
 3. ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE A.F.F.

4. ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LATEST EDITION BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL, WIRING & ACCESSORIES.

5. SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, SECTION 907.2

6. PROVIDE AFCI (ARC FAULT INTERRUPTERS) IN ALL BEDROOMS PER NEC, SECTION 210-12

7. ALL RECEPTACLES TO BE TAMPER RESISTANT PER SECT. 406.11

ELECTRICAL LEGEND

- | | | | |
|----------|--------------------------------|----------------------------|-------------------------|
| \$ | SINGLE POLE SWITCH | SMOKE DETECTOR | |
| \$2 | DOUBLE POLE SWITCH | MONOXIDE DETECTOR / CARBON | |
| \$3 | THREE-WAY SWITCH | FLOOD LIGHT | |
| \$4 | FOUR-WAY SWITCH | FLUORESCENT LIGHTING | |
| \$DM | DIMMER SWITCH | TRACK LIGHTING | |
| CF | CEILING FIXTURE | CEILING FAN | |
| BC | BOUNCE (WALL MOUNTED) FIXTURE | | |
| 110V | 110 VOLT DUPLEX OUTLET | DB | DOOR BELL CHIMES |
| 110V S/O | 110 VOLT SPLIT SWITCHED OUTLET | DB | DOOR BELL |
| GFI | GROUND FAULT INTERRUPT | DISP | DISPOSAL |
| WP | WATER PROOF W/ GROUND FAULT | DISC | DISCONNECT SWITCH |
| 220V | 220 VOLT OUTLET | SPK | PREWIRE SPEAKER |
| SS | SPECIAL SERVICES OUTLET | JB | JUNCTION BOX |
| TV | T.V. CABLE OUTLET | T | THERMOSTAT |
| TEL | TELEPHONE CABLE OUTLET | LV | LOW VOLTAGE LIGHTING |
| RL | RECESSED LIGHTING | IS | INTERROOM SYSTEM |
| WR | WATER PROOF RECESSED LIGHTING | GB | GARAGE DOOR PUSH BUTTON |
| BF | BATH FAN | | |
| BLF | BATH FAN W/ LIGHT | | |

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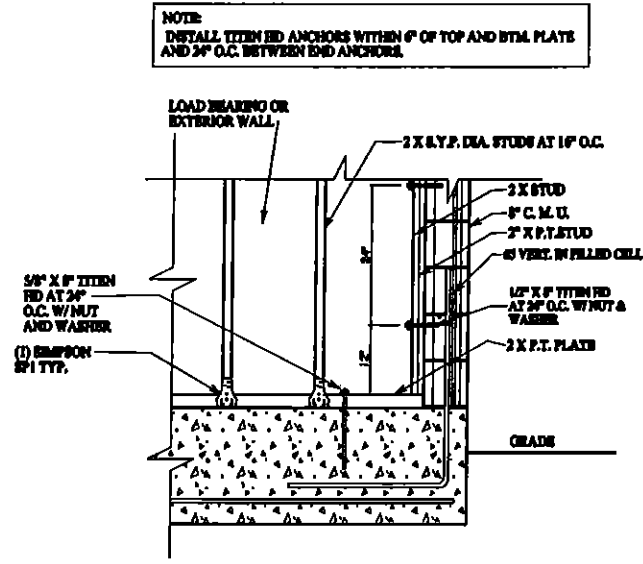
ELECTRICAL PLAN

HADI
 LOT 7 PLANTATION
 LARGO FL

PLAN DATE

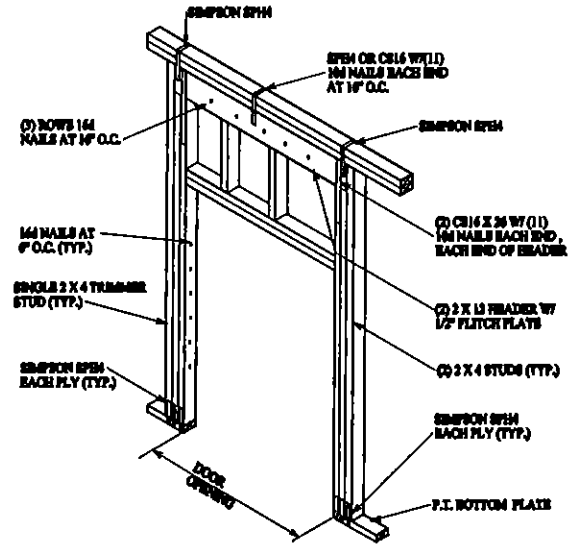
DEEB FAMILY
 HOMES, LTD.
 9400 RIVER CROSSING BLVD
 NEW PORT RICHEY FL. 34655
 727-376-6831

7

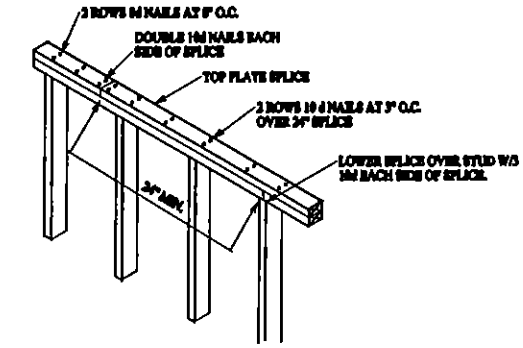


NOTE: INSTALL TYPED ANCHORS WITHIN 6\"/>

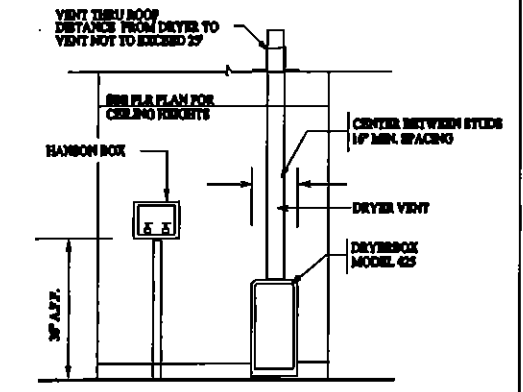
WOOD STUD CONNECTION TO MASONRY WALL



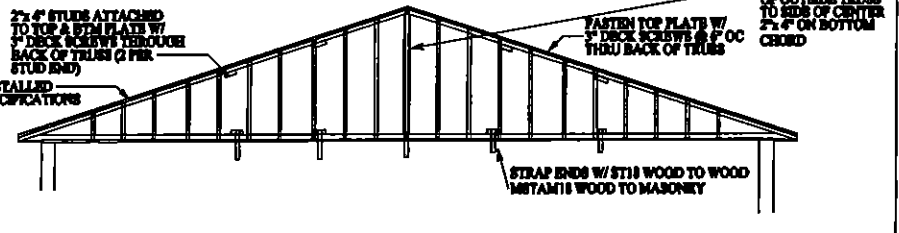
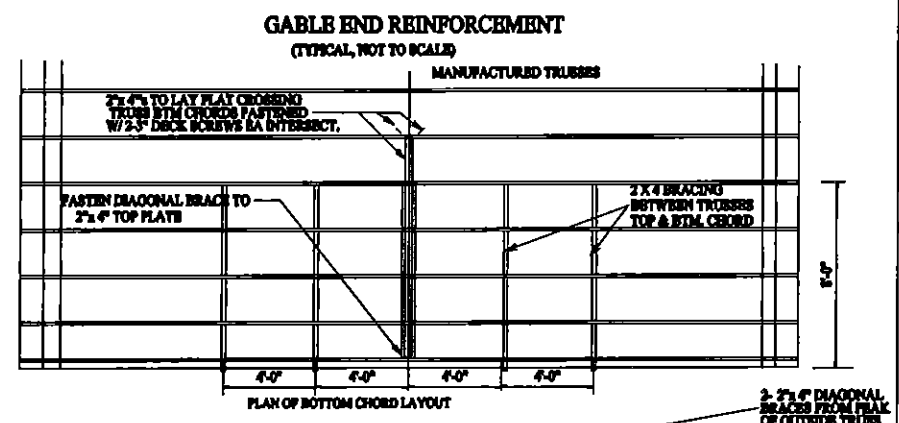
TYPICAL LOAD BEARING HEADER DETAIL



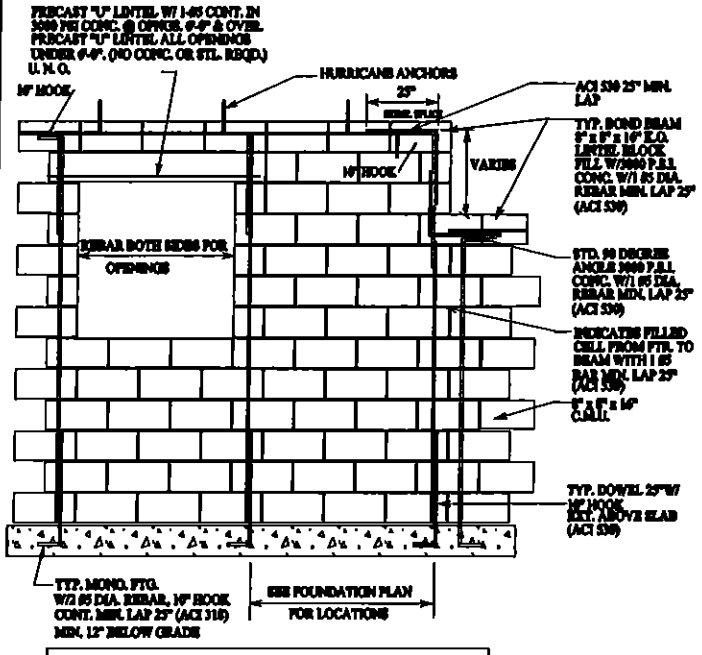
TOP PLATE SPLICE DETAIL



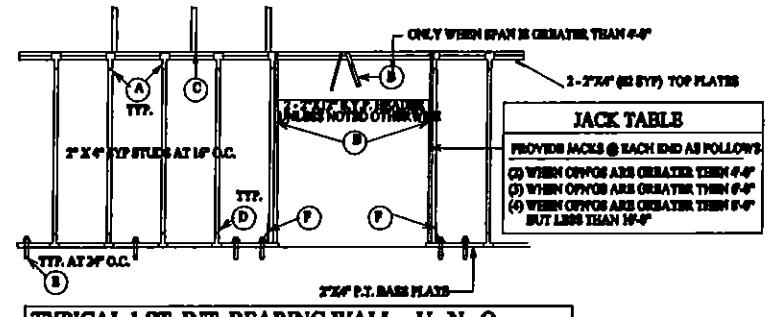
TYPICAL LAUNDRY PLUM. WALL



GABLE END REINFORCEMENT (TYPICAL, NOT TO SCALE)

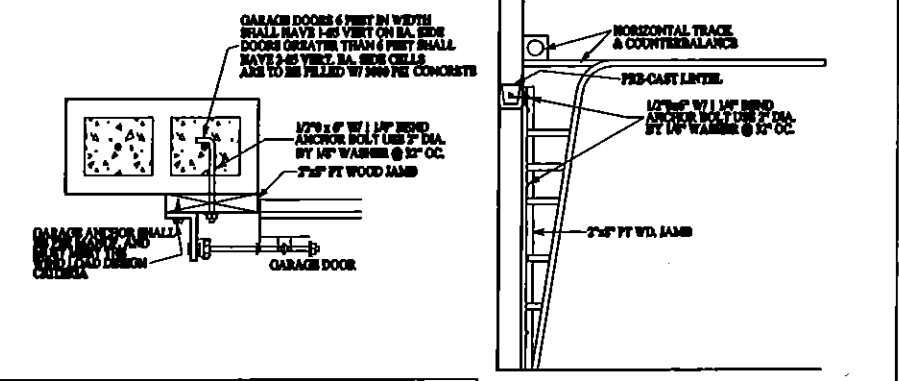


BLOCK WALL/REINFORCEMENT



TYPICAL 1 ST. INT. BEARING WALL U.N.O.

CONNECTOR LEGEND	
(A)	SIMPSON SP2 W/ 6-10# x 12
(B)	(4) SIMPSON LATCH W/10-10#
(C)	1/2\"/>
(D)	SIMPSON SP1 W/ 6-10# x 12
(E)	5/8\"/>
(F)	SIMPSON LATCH W/ 10-10# AND 3/4\"/>



GARAGE DOOR CONNECTION DETAIL

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 FPE 20158
 1280 HAATHER RIDGE BLDY.
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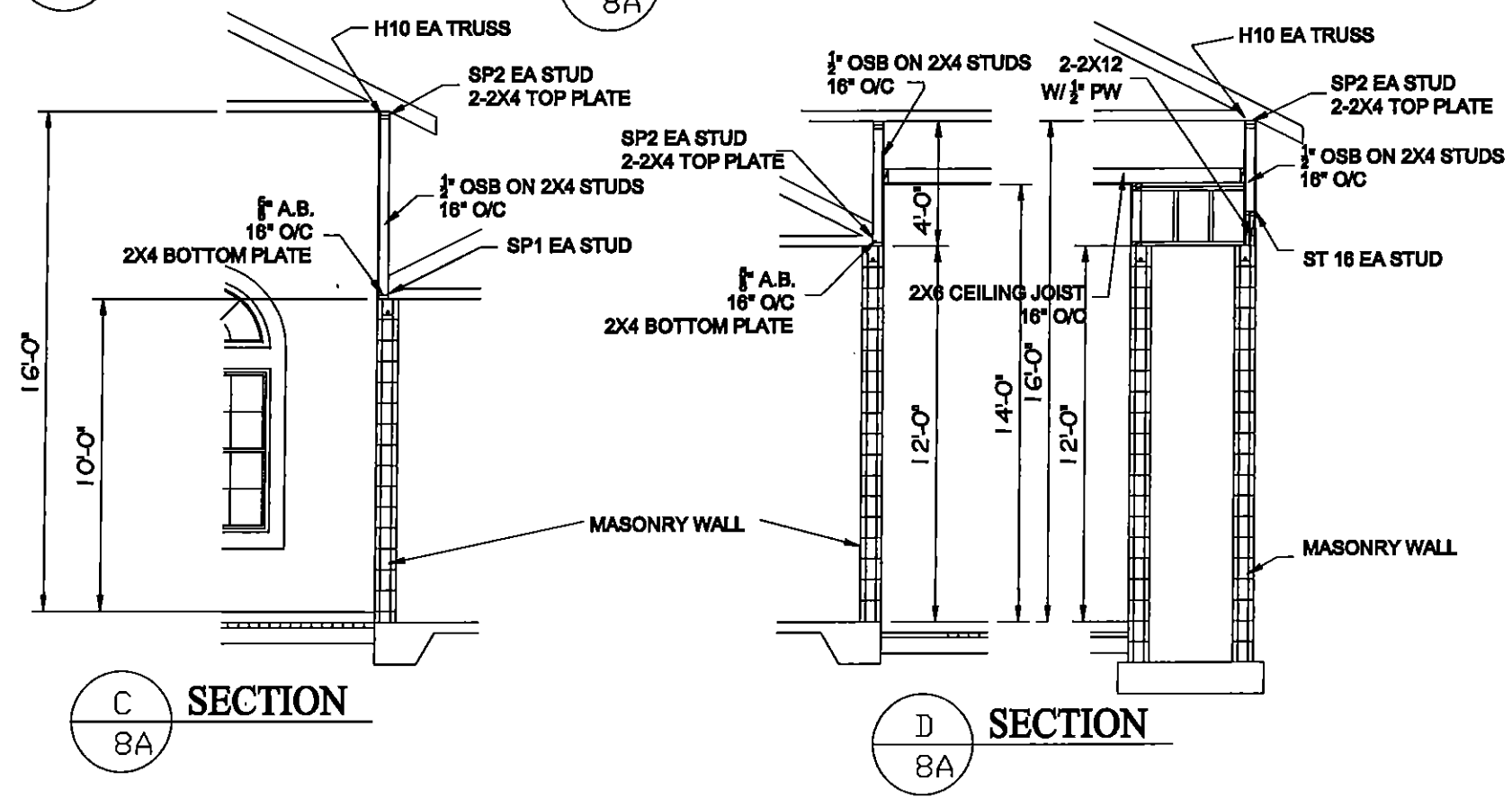
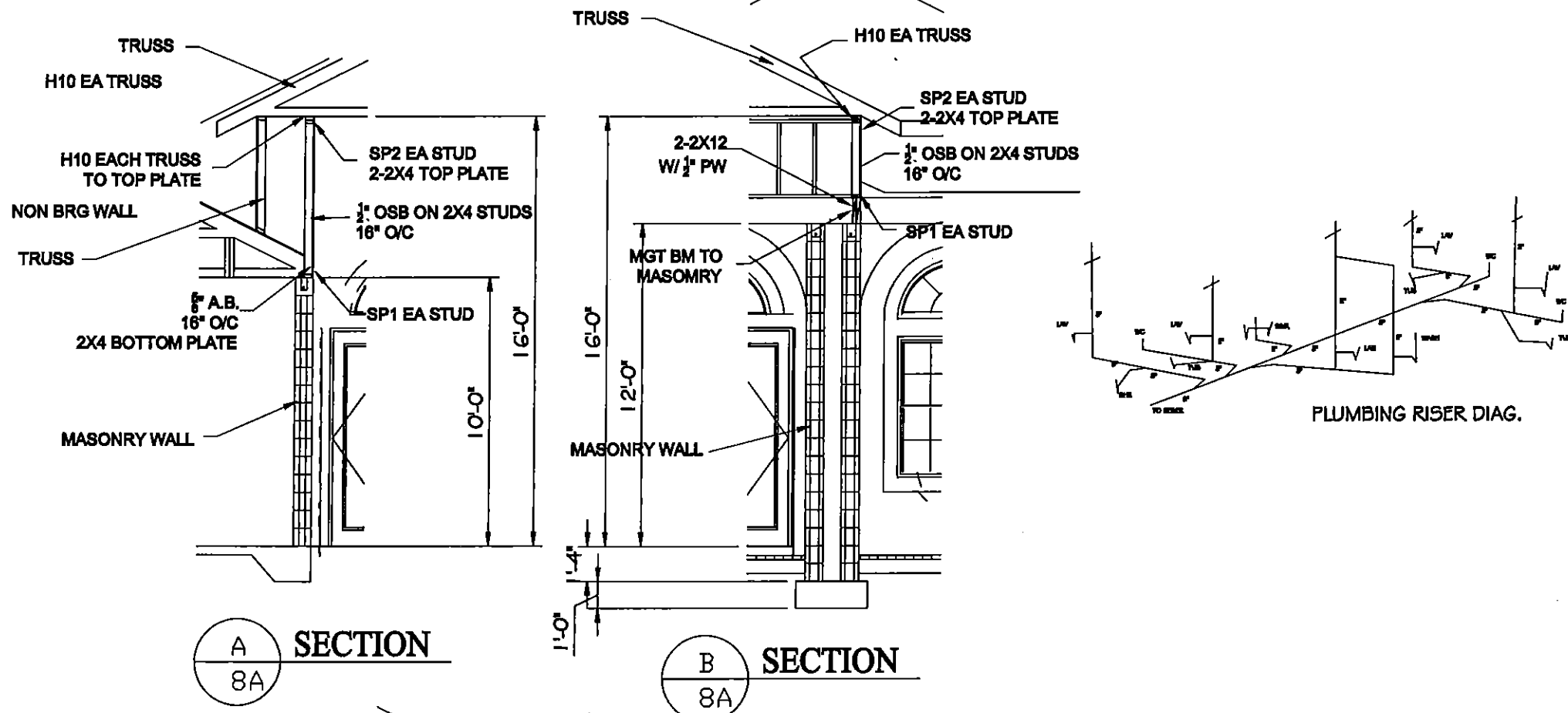
HADI LOT 7 PLANTATION LARGO FL

PLAN DATE

DEEB FAMILY HOMES, LTD.
 9400 RIVER CROSSING BLVD
 NEW PORT RICHEY FL. 34655
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SECTIONS

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FPE 20158
1280 HEATHER RIDGE BLVD.
DUNEDIN, FL. 34698
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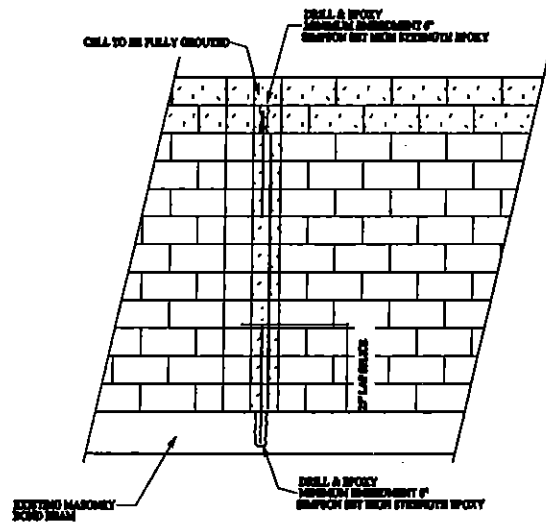
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727-376-6831

SECTIONS

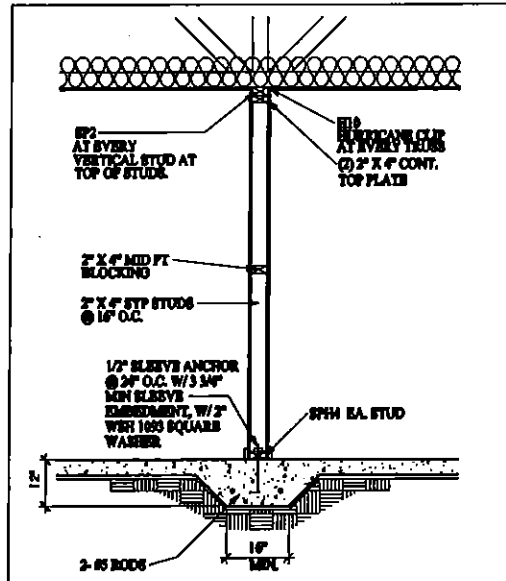
8A



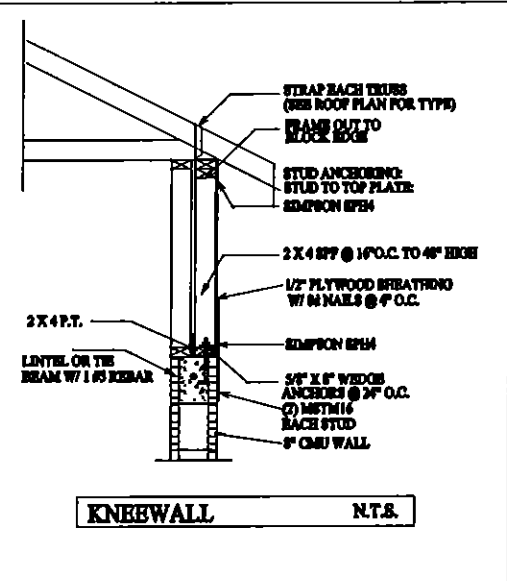
TYP. RETROFIT VERT. DOWEL CONDITION

NOTE:
MISSING DOWELS: WHEN FOOTING DOWELS ARE PLACED INCORRECTLY OR MISTAKENLY ELIMINATED, REPLACE DOWEL AT PROPER LOCATION W/ GRADE AS SHOWN. REINSTALL IN PLACE W/ 6" MINIMUM EMBEDMENT, USE EPOXY GROUT.

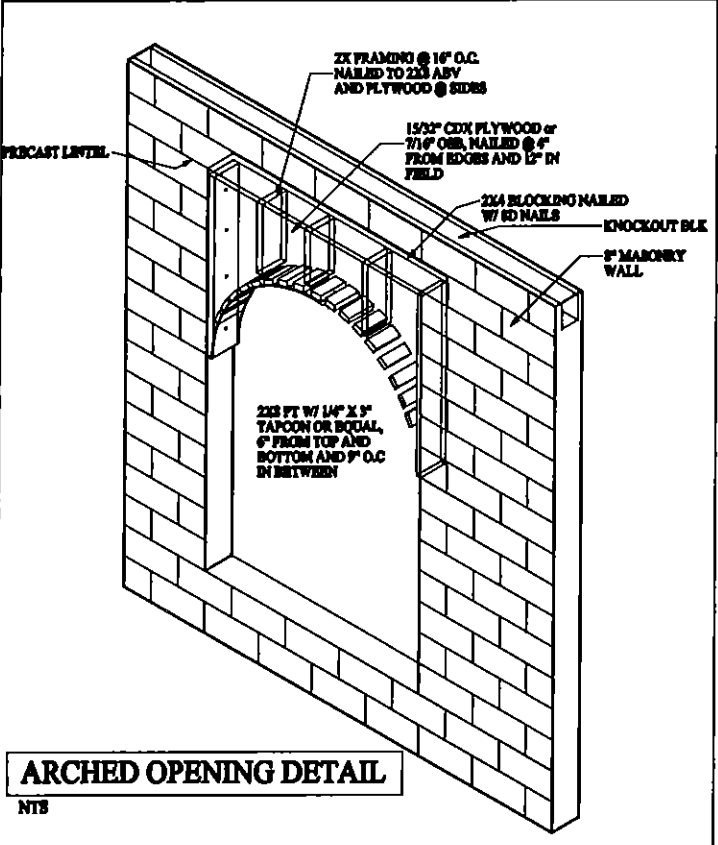
- MISSING ANCHOR BOLTS AT BEARING WALL:**
EXTERIOR BEARING WALL:
 IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
 1) 3/4" DIAMETER x 6" EMBEDMENT SIMPSON TITHE ED ANCHORS SPACED A MAXIMUM OF 24" O.C.
INTERIOR BEARING WALL:
 IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
 1) 3/4" DIAMETER x 6" EMBEDMENT SIMPSON TITHE ED ANCHORS SPACED A MAXIMUM OF 24" O.C. IF RESISTING UPLIFT LOADS OR 3 1/2" EMBEDMENT AT 48" O.C. IF RESISTING GRAVITY LOADS



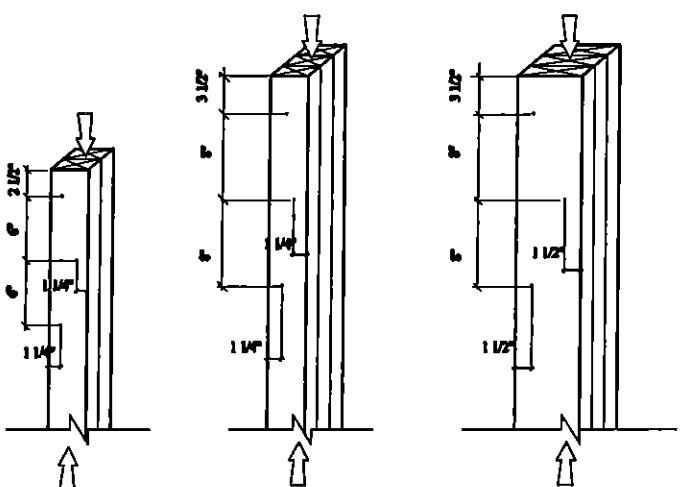
BEARING PARTITION



KNEEWALL N.T.S.



ARCHED OPENING DETAIL



- (1) 2"x6" LAMINATIONS
 W/ (1) ROW OF STACKED 16d COMMON WIRE NAILS
 (D=3.14, L=4 1/2") OR EQUAL
- (2) 2"x6" LAMINATIONS
 W/ (1) ROW OF STACKED 36d COMMON WIRE NAILS
 (D=3.27, L=4 1/2") OR EQUAL
- (3) 2"x6" LAMINATIONS
 W/ (2) ROWS OF STACKED 36d COMMON WIRE NAILS
 (D=3.27, L=4 1/2") OR EQUAL

NOTES:
 1) ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN
 2) ALL NAILS PENETRATE AT LEAST 5d OF THE THICKNESS OF THE LAST LAMINATION
 3) EACH 36d COMMON NAIL MAY BE REPLACED W/ (2) 16d COMMON NAILS (ONE INTO EACH OUTER FACE OF B.L.U.C. SAME NUMBER OF ROWS, SAME SPACING)
 4) FOR 4-PLY, PROVIDE 1 1/2" DIA. X 3 1/2" LAG SCREWS OR EQUAL (SPACE AS SHOWN FOR 3-PLY)
 5) FOR 5-PLY, PROVIDE 1 1/2" DIA. X 3" LAG SCREWS OR EQUAL (SPACE AS SHOWN FOR 3-PLY)
 6) REFER TO NEW SECTION 153 FOR ADDITIONAL INFORMATION

TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS

CUSTOM 2984

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 PFE 20158
 1280 HEATHER RIDGE BLVD.
 DUNEDIN, FL. 34698
 727-738-9025

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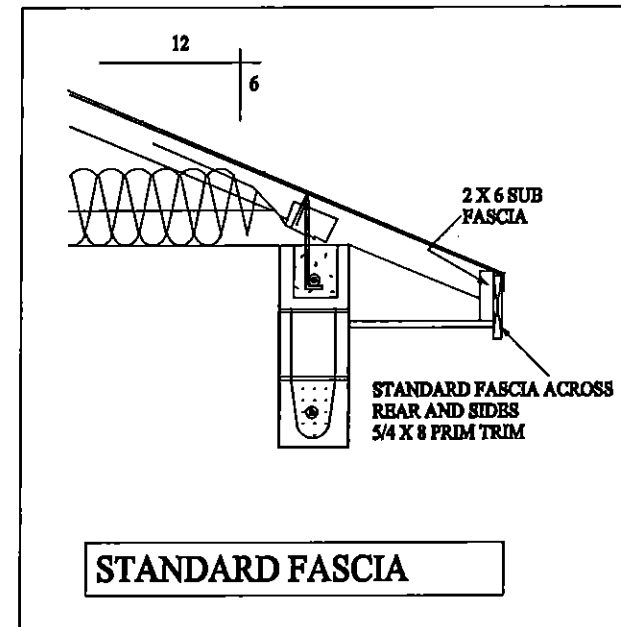
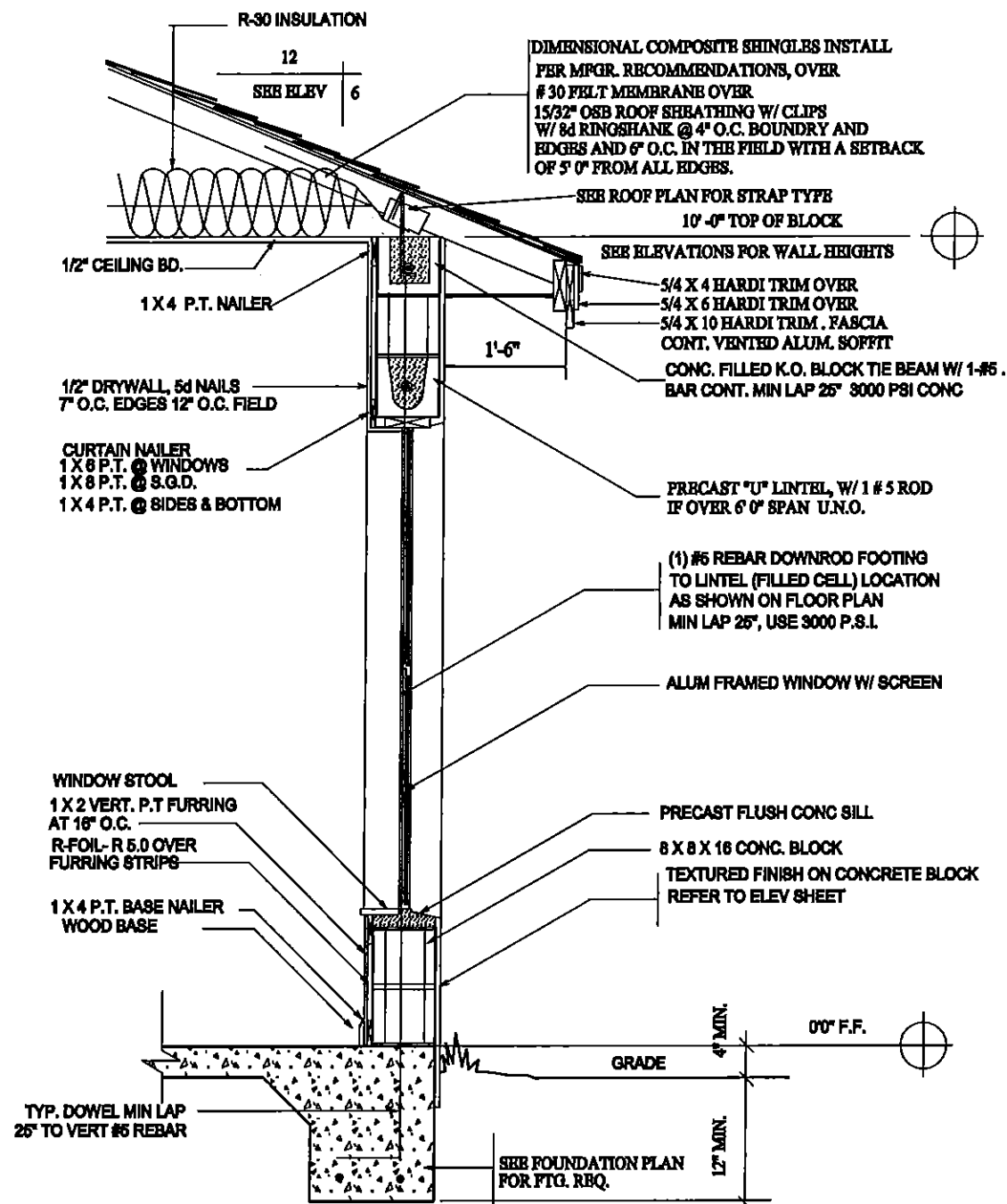
HADI
 LOT 7 PLANTATION
 LARGO FL

PLAN DATE	
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DEEB FAMILY HOMES, L.T.D.
 9400 RIVER CROSSING BLVD
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SECTIONS

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CONNECTOR TABLE

SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 9-27-09
ME-WALBR1 LB	1008L12
H2	1048L10
H3	1048L10
H10	1048L8
LQ12	1147L8
MOT	1147L7
LUTA16	1088L4
LUTAH	1088L4
SP1	1048L41
SP2	1048L42
HT80	1048L23
HT84	1048L22
META16	1147L17
L30	1048L11
MSTAMB4	1147L10
MSTAMB8	1147L10
MSTAMB8	1147L10
CP18	1088L1
SP14	1048L40
SP18	1048L47
HT4	1148L2
HT6	1148L2
AKUB8	1048L8

TERMITE SPECIFICATIONS:
 INSTALL "BORA-CARE" TERMITE PROTECTION SYSTEM PER MANUF. SPECIFICATIONS

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 FPE 20158
 1280 HEATHER RIDGE BLYD.
 DUNEDIN, FL. 34698
 727-738-9025

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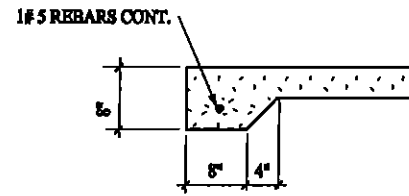
HADI LOT 7 PLANTATION LARGO FL

PLAN DATE

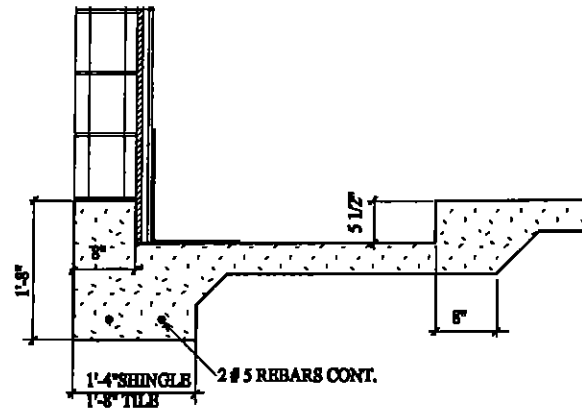
SECTIONS

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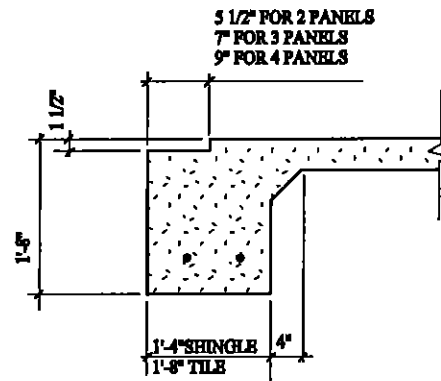
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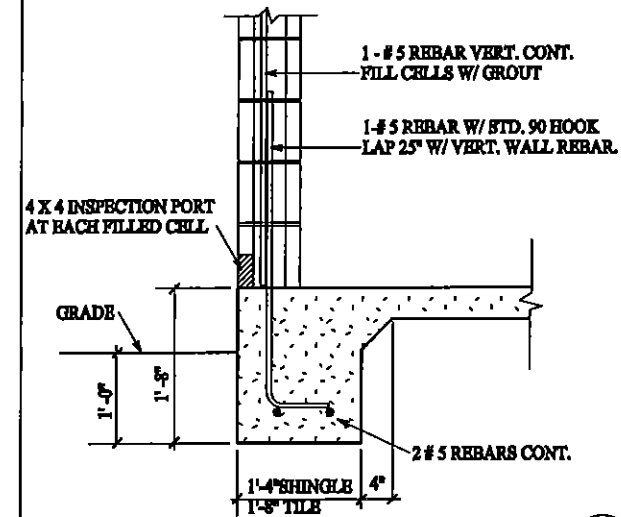
8" THICKENED SLAB (J)



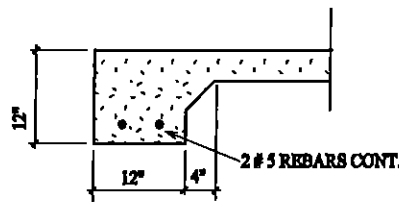
SHOWER RECESS (G)



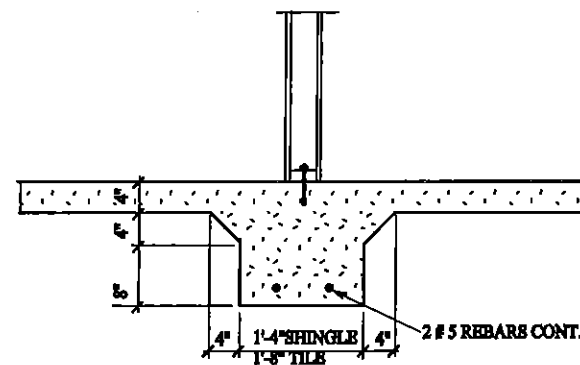
SLIDING GLASS DR. RECESS (D)



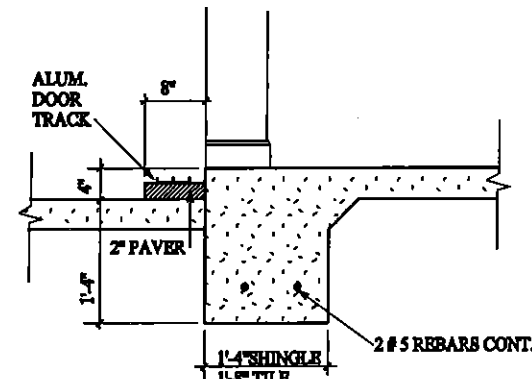
TYPICAL ONE STORY (A)



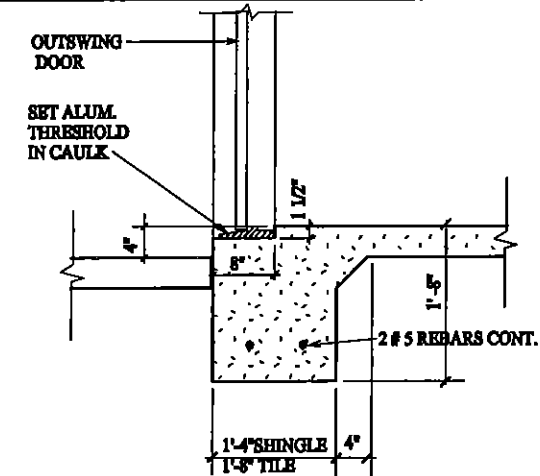
12" THICKENED SLAB (K)



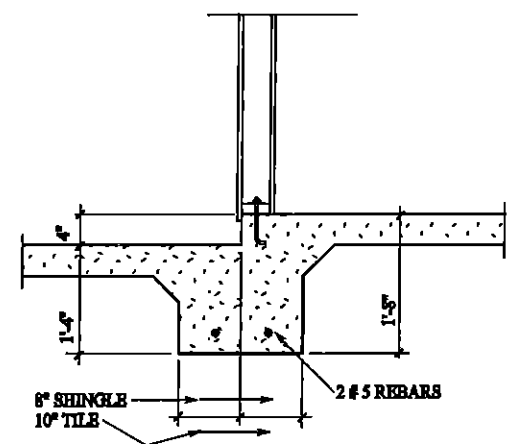
INTERIOR BEARING FTG. (H)



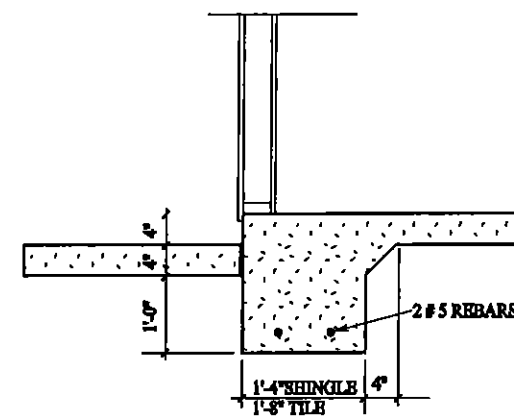
EXTERIOR POCKET S.G.D. (E)



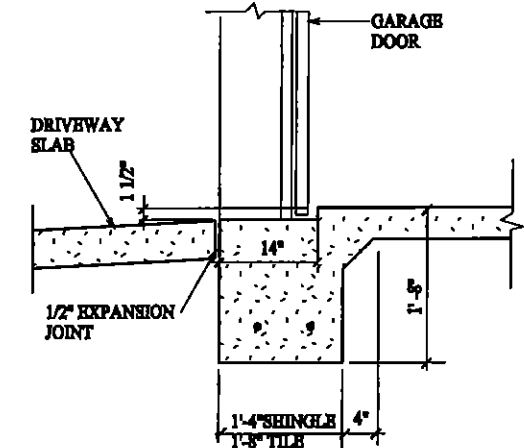
EXTERIOR DOOR RECESS (B)



BEARING GARAGE STEP (I)



NON-BRG. GARAGE STEP (F)



GARAGE DOOR RECESS (C)

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HADI LOT 7 PLANTATION LARGO FL

PLAN DATE

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SECTIONS

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