

TERMITE SPECIFICATIONS:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RE-INSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSITIONED NEAR THE WATER HEATER OR ELECTRIC PANEL.
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS.
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF THE BUILDING SIDE WALLS.
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL PARTI GRABE SHALL NOT BE LESS THAN 6 INCHES.
EXCEPTION: PAINT OR DECORATIVE CEMENTATION FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL.
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE.
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED AND FORMED.
7. BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT.
8. MINIMUM 6 MIL. VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED.
9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT.
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS.
11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED.
12. ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT.
13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THIS TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAY BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL.
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING.

STRUCTURAL NOTES:

FOUNDATIONS

SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM D-1557 (MODIFIED PROCTOR.)

FOUNDATION INSPECTIONS

A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY OF THE SURVEY SHALL BE ON SITE FOR THE BUILDING INSPECTORS USE, OR ALL PROPERTY MARKERS SHALL BE EXPOSED AND A STRING STRETCHED FROM MARKER TO MARKER TO VERIFY REQUIRED SETBACKS.

CAST IN PLACE CONCRETE

1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI, A SLUMP OF 6" PLUS OR MINUS 1", AND MAY HAVE 2 TO 5% AIR ENTRAINMENT, AND A MAXIMUM WATER/CEMENT RATIO OF 0.63
2. ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 40.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. WWF SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN THE 6". FIBERGLASS EQUAL SPECIFICATIONS MAY BE USED IN LIEU OF WWF.
5. HOOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF ALL TOP BARS OF BEAMS.
6. HORIZONTAL FOOTING BARS SHALL BE BENT 1'-0" AROUND CORNERS OR CORNER BARS WITH A 25" LAP PROVIDED.
7. MINIMUM LAP SPLICES ON ALL REINFORCING BAR SPLICES SHALL BE 40 BAR DIAMETERS TYP.

MASONRY WALL CONST.

1. HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90, WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 PSI (fm = 1350 PSI)
2. MORTAR SHALL BE TYPE "M" OR "S", CONFORMING TO ASTM C270.
3. COARSE GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI SLUMP 8" TO 11".
4. VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT.
5. VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 192 BAR DIAMETERS. REINFORCEMENT SHALL BE PLACED IN THE CENTER OF THE MASONRY CELL. TYPICAL UNLESS OTHERWISE NOTED.
6. REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 40 BAR DIAMETERS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

WOOD CONSTRUCTION

1. WOOD CONSTRUCTION SHALL CONFORM TO THE NFPA "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", LATEST EDITION.
2. ALL EXTERIOR WOOD STUD WALLS, BEARING WALLS, SHEAR WALLS AND MISC. STRUCTURAL WOOD FRAMING MEMBERS, (I.E. BLOCKING OR GABLE END BRACING) SHALL BE EITHER SOUTHERN PINE, OR S.P.F. NUMBER 2 GRADE SHALL BE USED REGARDLESS OF SPECIES.
3. ANY FRAME BEARING WALL STUDS THAT ARE CUT FOR PLUMBING LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HSS2 STUD SHOES, TYP., U.N.O.

WOOD FRAMING INSPECTION

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

PREFABRICATED WOOD TRUSSES

1. ALL PREFABRICATED WOOD TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS WITH HURRICANE CLIPS OR ANCHORS.
2. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENERS" AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
3. TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED (WITH A MAXIMUM ALLOWABLE STRESS INCREASE FOR LOAD DURATION OF 25%) TO WITHSTAND THE LIVE LOADS GIVEN IN THE NOTES AND TOTAL DEAD LOAD.
4. BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE AS REQUIRED BY THE TRUSS MANUFACTURER UNLESS NOTED ON THE PLANS.
5. TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONFIGURATION OF TRUSSES ONLY. WEB MEMBERS ARE NOT SHOWN, BUT SHALL BE DESIGNED BY THE TRUSS MANUFACTURER IN ACCORDANCE WITH THE FOLLOWING DESIGN LOADS:
6. DESIGN SPECIFICATIONS FOR LIGHT WEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER THE TRUSS PLATE INSTITUTE, THE LATEST EDITION.
7. PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH SPECIFIED LOADS AND GOVERNING CODES. SUBMITTALS SHALL INCLUDE TRUSS FRAMING PLANS AND DETAILS SHOWING MEMBER SIZES, BRACING, ANCHORAGE, CONNECTIONS, TRUSS LOCATIONS, AND PERMANENT BRACING AND/OR BRIDGING AS REQUIRED FOR ERECTION AND FOR THE PERMANENT STRUCTURE. EACH SUBMITTAL SHALL BE SIGNED AND SEALED BY THE FLORIDA REGISTERED STRUCTURAL ENGINEER OF RECORD. SUBMIT 3 COPIES FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
8. THE TRUSS MANUFACTURER SHALL DETERMINE ALL SPANS WORKING POINTS, BRACING POINTS, AND SIMILAR CONDITIONS. TRUSS SHIP DRAWINGS SHALL SHOW ALL TRUSSES, ALL BRACING MEMBERS, AND ALL TRUSS TO TRUSS HANGERS.

UPLIFT CONNECTORS

1. UPLIFT CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS AND ANCHOR BOLTS ARE ONLY REQUIRED ON MEMBERS IN WALLS THAT ARE EXPOSED TO UPLIFT FORCES. INTERIOR LOAD BEARING WALLS ARE NOT ALWAYS EXPOSED TO UPLIFT FORCES. THE MEMBERS OF THESE WALLS WOULD NOT NEED TO HAVE CONNECTORS APPLIED. PLEASE CONSULT THE TRUSS ENGINEERING FOR THE LOCATION OF THESE WALLS.

FIELD REPAIR NOTES

1. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) "SIMPSON MTS12 TWIST STRAP W/ (4) 3/16" X 2 3/4" DIA. TAPONS TO THE BOND BEAM BLOCK AND (7) 10d TO THE TRUSS FOR UPLIFTS OF 1000 LBS. OR LESS. USE (2) FOR 2000 LBS. OR LESS. OTHERS MAY BE SUBSTITUTED ON A CASE BY CASE BASIS.
2. MISSED 1/2" BOLTS FOR WOOD BEARING WALLS MAY BE SUBSTITUTED W/ 1/2" DIA. ANCHOR BOLTS SET IN 3/4" DIA. X 8" DEEP UNITEK "PROPOXY" 300 ADHESIVE BINDER FOLLOWING ALL MANUFACTURERS RECOMMENDATIONS (OR 1/2" X 6" RAWL STUD EXPANSION ANCHORS.) (6" IN CONC.)
3. DRILL A 3/4" DIAMETER HOLE 6" DEEP AT THE LOCATION OF THE OMITTED REBAR, AND INSTALL A 32" LONG #5 BAR INTO THE EPOXY FILLED HOLE. USE A TWO PART EMBEDMENT EPOXY (SIMPSON "EPOXY THE SET", OR HILTI "2 PART" EMBEDMENT EPOXY), MIXED PER MANUFACTURERS INSTRUCTIONS. ASSURE THAT ALL DUST AND DEBRIS FROM DRILLING ARE REMOVED FROM THE HOLE BY BRUSHING AND AND USING COMPRESSED AIR PRIOR TO APPLYING THE EPOXY. ALLOW THE EPOXY TO CURE TO MANUFACTURERS SPECIFICATIONS, THEN FILL THE CELL IN THE NORMAL WAY DURING BOND BEAM POUR.
4. HURRICANE STRAPS MAY BE SUBSTITUTED WITH A STRAP OF GREATER HOLDOWN VALUE OR GREATER UPLIFT VALUE IN THE FIELD WITHOUT VERIFICATION, PROVIDED ALL MANUFACTURERS INSTALLATION INSTRUCTIONS ARE FOLLOWED.

STRUCTURAL DESIGN CRITERIA

CODES:	FLORIDA BUILDING CODE, 2004 EDITION BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-99) SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS (ACI 301-89) BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-99) NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 1991 EDITION APA PLYWOOD DESIGN SPECIFICATION
LIVE LOADS:	ROOF: 20 PSF (REDUCIBLE) RESIDENTIAL FLOOR, UNLESS OTHERWISE INDICATED: 40 PSF BALCONIES: 50 PSF STAIRS: 50 PSF LIGHT PARTITIONS (DEAD LOAD), U.N.O.: 20 PSF
WIND LOADS: (F.B.C.)	WIND LOADS BASED ON FBC SECTION 1609 BASIC WIND VELOCITY: SEE SHEET S2
CONCRETE STRENGTH @ 28 DAYS	ALL CONCRETE UNLESS OTHERWISE INDICATED 3000 P.S.I. FSA GRAVEL CONCRETE FOR MASONRY CELLS ONLY 3000 P.S.I. (DO NOT USE FOR CONCRETE COLUMNS OR TIE BEAMS)
REINFORCING:	WELDED WIRE FABRIC SHALL CONFORM TO ALL REINFORCING BARS ALL STRIPS AND TIES POLYPROPYLENE FIBERS FOR SLABS ON GRADE MAY BE USED INSTEAD OF W.W.M. ASTM A185 ASTM A615-40 40,000 PSI ASTM A615-40 40,000 PSI
CONCRETE MASONRY UNITS:	ASTM C90 OR C125, STANDARD WEIGHT UNITS, fm-1500 PSI MORTAR TYPE "S" 1800 PSI CONCRETE GROUT 3000 PSI
STRUCTURAL STEEL:	ALL STRUCTURAL AND MISCELLANEOUS STEEL A36 36,000 PSI, U.N.O. SHIP AND FIELD WELDS: E70XX ELECTRODES ALL BOLTS CAST IN CONCRETE: ASTM A36 OR ASTM A-307
WOOD FRAMING:	BEAMS, RAFTERS, JOIST, PLATES, ETC. U.N.O. NO. 2 SOUTHERN YELLOW PINE (19% M.C.) ROOF DECK: PLYWOOD C-C-C-D, EXTERIOR, OR OSB FLOOR SHEATHING: 1 1/4" A-C GROUP 1 APA RATED (48/24) WALL SHEATHING: PLYWOOD C-C-C-D, EXTERIOR OR OSB MICRO LAM PRAM Fb = 2900 PSI (2.0E)
WOOD ROOF TRUSSES:	DESIGN LOADS: COMPOSITE SHINGLES TOP CHORD LIVE AND DEAD LOAD: 30 PSF MORTAR TYPE "S" 1800 PSI BOTTOM CHORD LIVE AND DEAD LOAD: 40 PSF TOTAL: 40 PSF NET UPLIFT DESIGN PRESSURE: 30 PSF IN ALL AREAS
WOOD FLOOR TRUSSES:	DESIGN LOADS: DEAD LOAD: 15 PSF LIVE LOAD: LIVING AREAS 40 PSF TOTAL: 55 PSF
SOIL BEARING VALUE:	ASSUMED ALLOWABLE SOIL BEARING PRESSURE AFTER COMPACTION: 2500 PSF SEE SOILS REPORT AND SPECIFICATIONS FOR COMPACTION REQUIREMENTS IF SOIL CONDITIONS IN THE PROJECT DO NOT MEET OR EXCEED THE CAPACITY THE GENERAL CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO FOUNDATION POUR FOR VERIFICATION OF FOUNDATION DESIGN.

BUILDING DATA

WIND BORNE DEBRIS AREAS (IF LOCATION IS WITHIN ONE (1) MILE OF COAST) THE METHOD TO SATISFY PROTECTION OF OPENINGS IN THESE AREAS WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THEIR OPTIONS ARE AS FOLLOWS: A. IMPACT RESISTANT GLAZING B. APPROVED SHUTTERS C. SUPPLY WOOD STRUCTURAL PANELS PER FBC TABLE R301.2.1.2	WINDOW INSTALLATION NOTES: 1. WINDOWS MUST BE FASTENED INTO STRUCTURAL MEMBERS PER MFGS. DETAIL REQUIREMENTS PER DESIGN CRITERIA NOTED ON THESE DRAWINGS. 2. WINDOWS ARE NOT IMPACT RESISTANT TYPE. NO STORM SHUTTERS OR PANELS ARE ANTICIPATED. 3. ROOF, WALLS AND WINDOW FASTENINGS MUST BE ENGINEERED AND SPECIFIED FOR CUMULATIVE INTERNAL PRESSURES AND EXTERNAL NEGATIVE (SUCTION) PRESSURES WHICH VARIES ACCORDING TO ARFAS AS NOTED IN THE DESIGN CRITERIA AS NOTED ON THIS PAGE.
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GENERAL NOTES:

THE FOLLOWING TECHNICAL CODES SHALL APPLY:

2004 FLORIDA BUILDING CODE, PLUMBING, MECHANICAL, FUEL GAS, ENERGY EFFICIENCY, ACCESSIBILITY, AND NATIONAL ELECTRICAL CODES

TO FBC PLUMBING 2004 CODE.

1. TANK TYPE WATER CLOSET VOLUME 1.6 GALLONS
2. WALL MOUNT WATER CLOSET VOLUME 3.5 GALLONS
3. WATER - FLOW RATE.
PUBLIC FACILITIES 0.5 G.P.M.
PRIVATE FACILITIES 2.2 G.P.M.
SHOWER HEADS 2.5 G.P.M.

VTR LOCATIONS ARE APPROXIMATE AND MAY CHANGE DUE TO JOBSITE CONDITIONS

THE FOLLOWING SHALL COMPLY WITH THE 2004 FBC.

- PORCHES AND BALCONIES
- HANDRAILS
- GUARDRAILS
- STAIRS
- CHIMNEY & FIREPLACE

EGRESS WINDOWS

4. ALL OPENINGS SHALL COMPLY WITH 2004 FBC WIND LOADS AS STATED BELOW. ATTACHMENTS OF WINDOWS, DOORS, SLIDING GLASS DOORS, AND O.H. GARAGE DOORS ARE TO BE DELEGATED TO THE MANUFACTURER OF THESE ITEMS. THE MANUFACTURER OF THESE ITEMS SHALL SUBMIT ATTACHMENTS TO ENGINEER OF RECORD FOR REVIEW PRIOR TO INSTALLATION.
- SEE ATTACHED SPECIFICATION SHEETS FOR MANUFACTURERS DESIGN CRITERIA AND INSTALLATION METHODS FOR WINDOWS, DOORS, SLIDING GLASS DOORS, OVERHEAD GARAGE DOORS, AND ROOFING.
5. ALL DOORS INTERIOR & EXTERIOR ARE 6'-8" UNLESS OTHERWISE NOTED. ALL SHOWER ENCLOSURES TO BE TEMPERED GLASS.
6. ALL WINDOWS WITHIN 24" OF DOORS (INTERIOR & EXTERIOR) AND WITHIN 18" OF FLR TO BE TEMPERED GLASS.

INDEX OF DRAWINGS

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S1	ENGINEERING NOTES
S2	DESIGN CRITERIA
S3	SITE PLAN
1	FOUNDATION PLAN
2	FIRST FLOOR NOTES
2A	FIRST FLOOR DIMENSIONS
3	SECOND FLOOR NOTES
3A	SECOND FLOOR DIMENSIONS
3B	FLOOR JOIST PLAN
4	EXTERIOR ELEVATIONS
5	TRUSS PLAN
6	DEMOLITION PLAN
7	FIRST FLOOR ELECTRICAL
7A	SECOND FLOOR ELECTRICAL
8	FRAMING DETAILS
9	TWO STORY WALL SECTION

NOTICE TO BUILDER

IT IS THE INTENT OF THIS DESIGNER THAT THESE PLANS ARE ACCURATE AND ARE CLEAR ENOUGH FOR THE LICENSED PROFESSIONAL TO CONSTRUCT THIS PROJECT. IN THE EVENT THAT SOMETHING IS UNCLEAR OR NEEDS CLARIFICATION, STOP AND CALL THE DESIGNER LISTED IN THIS TITLE PAGE. IT IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL THAT IS CONSTRUCTING THIS PROJECT TO FULLY REVIEW THESE DOCUMENTS BEFORE CONSTRUCTION BEGINS AND ANY AND ALL CORRECTIONS, IF NEEDED, TO BE MADE BEFORE ANY WORK IS DONE.

MEADOW OAKS 1850

R-CAP ASSOCIATES, INC.
RALPH L. CAPRIOLA, P.E. # 32400
9820 DELRAY DR.
NEW PORT RICHEY, FL. 34654
(727) 848-4134

I HEREBY CERTIFY THAT I HAVE REVIEWED THESE PLANS AND THAT THEY COMPLY WITH CHAPTER 16 OF THE 2004 FLORIDA BUILDING CODE.
SIGNED

JOB ADDRESS

PLAN DATE
1-01-06

DEEB SIGNATURE
HOMES, LTD.
9020 RANCHO DEL RIO
#132
NEW PORT RICHEY, FL. 34655

S1

DESIGN CRITERIA

BASIC WIND SPEED 123 MPH
 EQUIV. WIND SPEED (1606.16.1) 110 MPH
 WIND IMPORTANCE FACTOR 1.0
 BUILDING CATEGORY B
 INT. PRESSURE COEFF. +/- 0.18 PARTIALLY ENCLOSED
 COMPONENTS AND CLADDING (TABLE 1606.2B)
 ROOF ANGLE 10 TO 30 DEGREES INTERPOLATE FOR 123 MPH
 DESIGN ENTIRE ROOF FOR ZONE 3 (1606.2B)

ROOF COMPONENTS

- 10 S.F. + 17.5 (0.18) = 3.2 + 58.7 = 61.9 S.F.
- 20 S.F. + 16.0 (0.18) = 2.9 + 53.3 = 56.2 S.F.
- 50 S.F. + 13.9 (0.18) = 2.5 + 46.1 = 48.6 S.F.
- 100 S.F. + 12.4 (0.18) = 2.2 + 40.7 = 42.9 S.F.

OVERHANG (WINDWARD) TABLE 1606.2A
 GABLE END - 32.2
 ACROSS - 32.2 WINDWARD
 LEE - 15.3
 MAX ROOF OVERHANG - 45.1
 WALL PRESSURE 31.6 P.S.F.

WINDOW INSTALLATION NOTES:

1. WINDOWS MUST BE FASTENED INTO STRUCTURAL MEMBERS PER MFG'S DETAIL REQUIREMENT PER DESIGN CRITERIA NOTED ON THESE DRAWINGS.
2. WINDOWS ARE NOT IMPACT RESISTANT TYPE. STORM SHUTTERS OR PANELS ARE ANTICIPATED AND FURNISHED.
3. ROOFS, WALLS AND WINDOW FASTENINGS MUST BE ENGINEERED AND SPECIFIED FOR CUMULATIVE INTERNAL PRESSURE AND EXTERNAL NEGATIVE (SUCTION) PRESSURES WHICH VARIES ACCORDING TO AREAS AS NOTED IN THE DESIGN CRITERIA.

WINDOW/ DOORS - COMPONENTS & CLADDING

10 S.F. = 30.4 (0.18) = 5.5 + 40.7 = 46.2 S.F.
 20 S.F. = 29.0 (0.18) = 5.2 + 38.0 = 43.2 S.F.
 50 S.F. = 27.2 (0.18) = 4.9 + 34.3 = 39.2 S.F.
 100 S.F. = 25.9 (0.18) = 4.7 + 31.6 = 36.3 S.F.

GENERAL NOTES AND SPECIFICATIONS

1. ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE FLA. BLDG. CODE AND SHALL FOLLOW ALL LOCAL CODE, RULES, REGULATIONS, AND ORDINANCES.
2. ALL WORK SHALL BE COMPLETED IN A NEAT AND CRAFTSMANLIKE MANNER AND UPON COMPLETION SHALL BE INSPECTED BY THE GENERAL CONTRACTOR AND OWNER PRIOR TO FINAL PAYMENT BEING ISSUED.
3. ALL SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR THE DISPOSAL OF THEIR RELATED REFUSE.
4. ALL CONDITIONS, DRAWINGS, DIMENSIONS, ETC. SHALL BE FIRST VERIFIED BY THE GENERAL BLDG CONTRACTOR AND SUB-CONTRACTORS AND OWNER PRIOR TO THE ORDERING OF MATERIALS AND CONSTRUCTION FOR DELETIONS, ERRORS, AND/OR OMISSIONS. FAILURE TO NOTIFY THE DESIGNER SHALL RELIEVE THE DESIGNER OR THE STRUCTURAL ENGINEER FROM RESPONSIBILITY AND CORRECTIVE COSTS.
5. THESE PLANS CONTAIN SUGGESTED FLOOR AND ROOF TRUSS LAYOUTS THAT ARE FOR ILLUSTRATION TO THE TRUSS ENGINEER AND MANUFACTURER WHO WILL PROVIDE CERTIFIED FLOOR AND TRUSS PLANS FOR CONSTRUCTION. TRUSSES WILL ALLOW FOR H.V.A.C., ELECTRICAL, AND PLUMBING INSTALLATION.
6. ANY ALTERATION OR DEVIATION FROM THIS PLAN SHALL BE MADE WITH THE COMBINED APPROVAL OF THE OWNER, THE DESIGNER, AND THE STRUCTURAL ENGINEER. ITEMS NOT APPROVED SHALL RELIEVE THE OWNER, THE DESIGNER, AND THE STRUCTURAL ENGINEER OF RESPONSIBILITY AND ANY COSTS TO CORRECT THE ALTERATION OR DEVIATION.
7. ALL 2" X WOOD SPECIFIED SHALL BE PINE, FUR, OR SPRUCE NO. 2 GRADE OR BETTER AND PRESERVE TREATED WHERE REQUIRED.
8. ALL STAIRS, HANDRAILS, AND GUARDRAILS SHALL COMPLY W/ FBC 2004, SECTION 1007 AND 1015.
9. ALL PREFABRICATED BRACKETS AND CONNECTORS TO BE INSTALLED W/ THE MANUFACTURER'S SPECIFICATIONS.
10. ALL WINDOWS AND DOORS TO BE INSTALLED PER MFR INSTRUCTIONS/ SPECIFICATION AND MUST BE RATED TO SATISFY WIND PRESSURES.
11. FOUNDATION AND SLAB TO BE INSTALLED ON UNDISTURBED FILL OR WELL COMPACTED SOIL SATISFYING FBC 2004.
12. THE DESIGNER AND THE STRUCTURAL ENGINEER ARE NOT RESPONSIBLE FOR MEANS, METHODS, AND SCHEDULE.
13. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.

LINTEL SCHEDULE

SPAN	SPECIFICATION
UP TO 3'	CASTCRETE 8"X-08 PRECAST
3' TO 14'	CASTCRETE 8"X-18 PRECAST
14'	CASTCRETE 8"X-18 PRE STRESSED

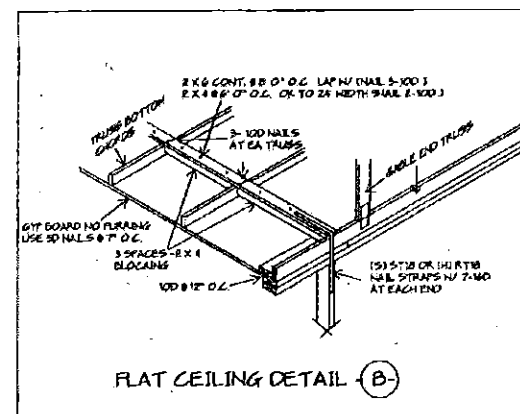
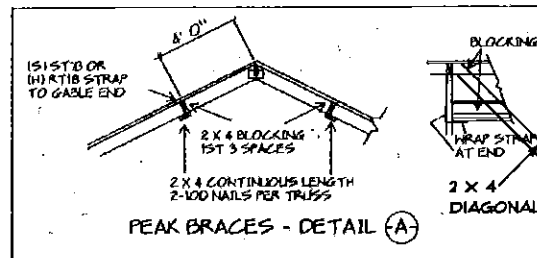
WOOD HEADER SCHEDULE

SEE ROOF/TRUSS PLAN

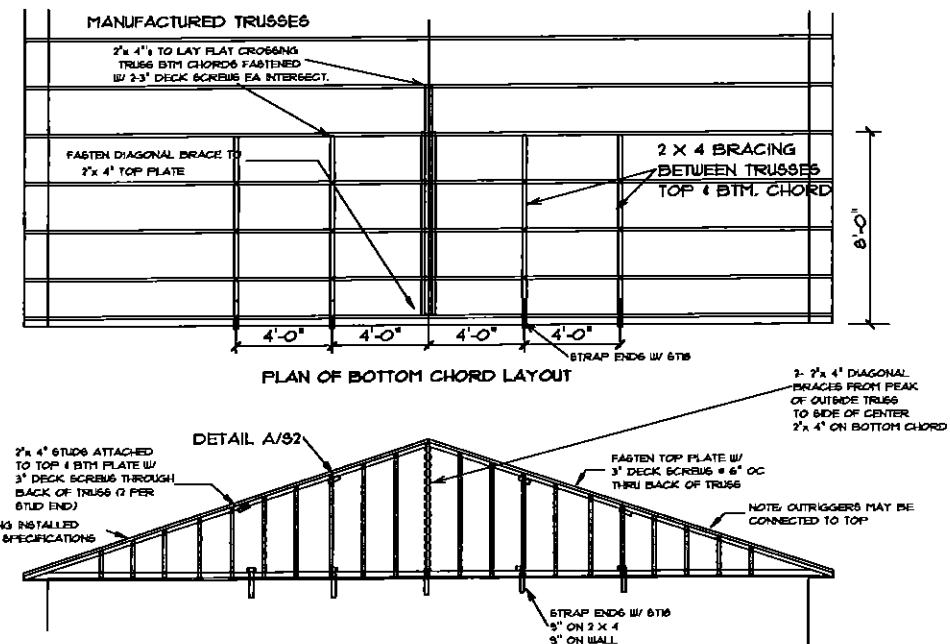
SPAN	SPECIFICATION (MOOR SUPPORT ONLY)
UP TO 6'	(1) 2"x6" W/ (2) HDR STUDS (2) FL. STUDS
6' TO 8'	(1) 2"x6" W/ (2) HDR STUD (3) FL. STUDS
8' TO 10'	(1) 2"x6" W/ (2) HDR STUDS (3) FL. STUDS
10' TO 12'	(1) 2"x6" W/ (2) HDR STUDS (3) FL. STUDS
SPAN	SPECIFICATION (ROOF 11 FLOOR)
UP TO 3'	(1) 2"x4" W/ (2) HDR STUDS
UP TO 4'	(1) 2"x4" W/ (2) HDR STUDS
UP TO 5'	(1) 2"x4" W/ (2) HDR STUDS
UP TO 6'	(1) 2"x4" W/ (2) HDR STUDS
UP TO 7'	(1) 2"x4" W/ (2) HDR STUDS
UP TO 8'	(1) 2"x4" W/ (2) HDR STUDS
UP TO 9'	3"x8.75" GLULAM W/ (2) HDR STUDS
UP TO 10'	3"x8.75" GLULAM W/ (2) HDR STUDS
UP TO 12'	3"x8.75" GLULAM W/ (2) HDR STUDS

ROOF SHEATHING FASTENER SCHEDULE

ROOF (ALL AREAS ZONE 3) PER SHEET 4
 FOR WALL SHEATHING SEE DETAIL 3, SHEET 6



GABLE END REINFORCEMENT (TYPICAL, NOT TO SCALE)



MEADOW OAKS 1850

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I HEREBY CERTIFY THAT I HAVE REVIEWED THE ATTACHED PLANS AND FOUND THEM TO BE IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE.
 SIGNED _____

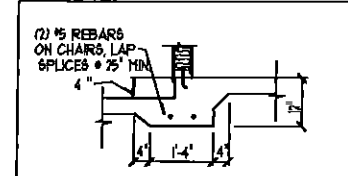
JOB ADDRESS _____

PLAN DATE 1-01-06

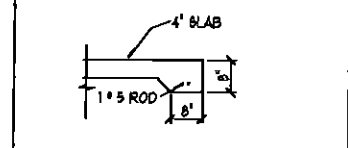
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DESIGN CRITERIA

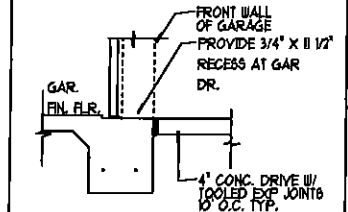
S2



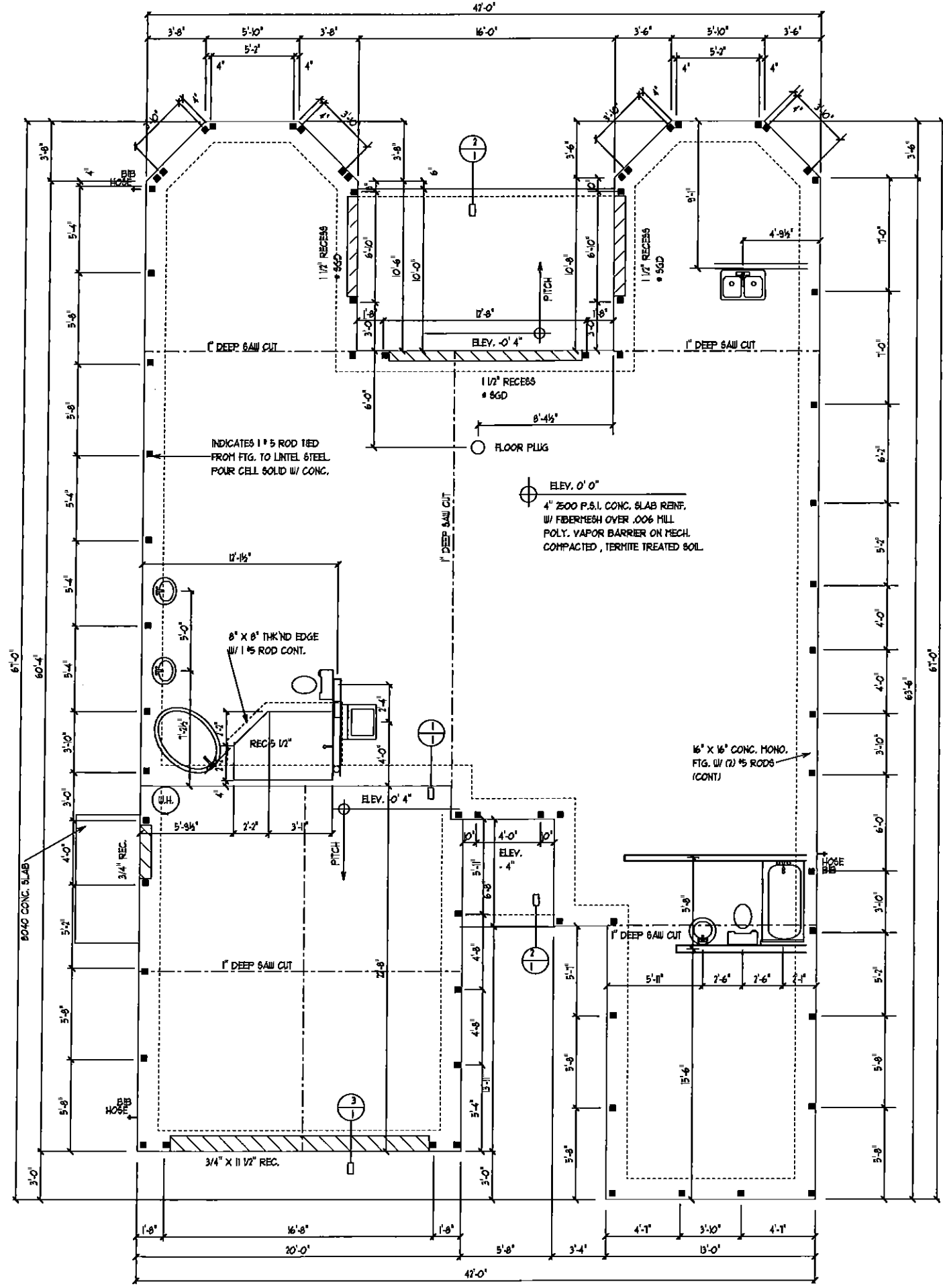
1 STEP DOWN BRG.
SCALE: 1/2" = 10"



2 THICKENED EDGE
SCALE: 1/2" = 10"



3 SECTION # GAR. DOOR
SCALE: 1/2" = 10"



MEADOW OAKS 1850

SCALE 1/4" = 1' 0"

FOUNDATION PLAN

1

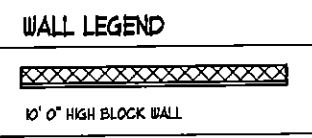
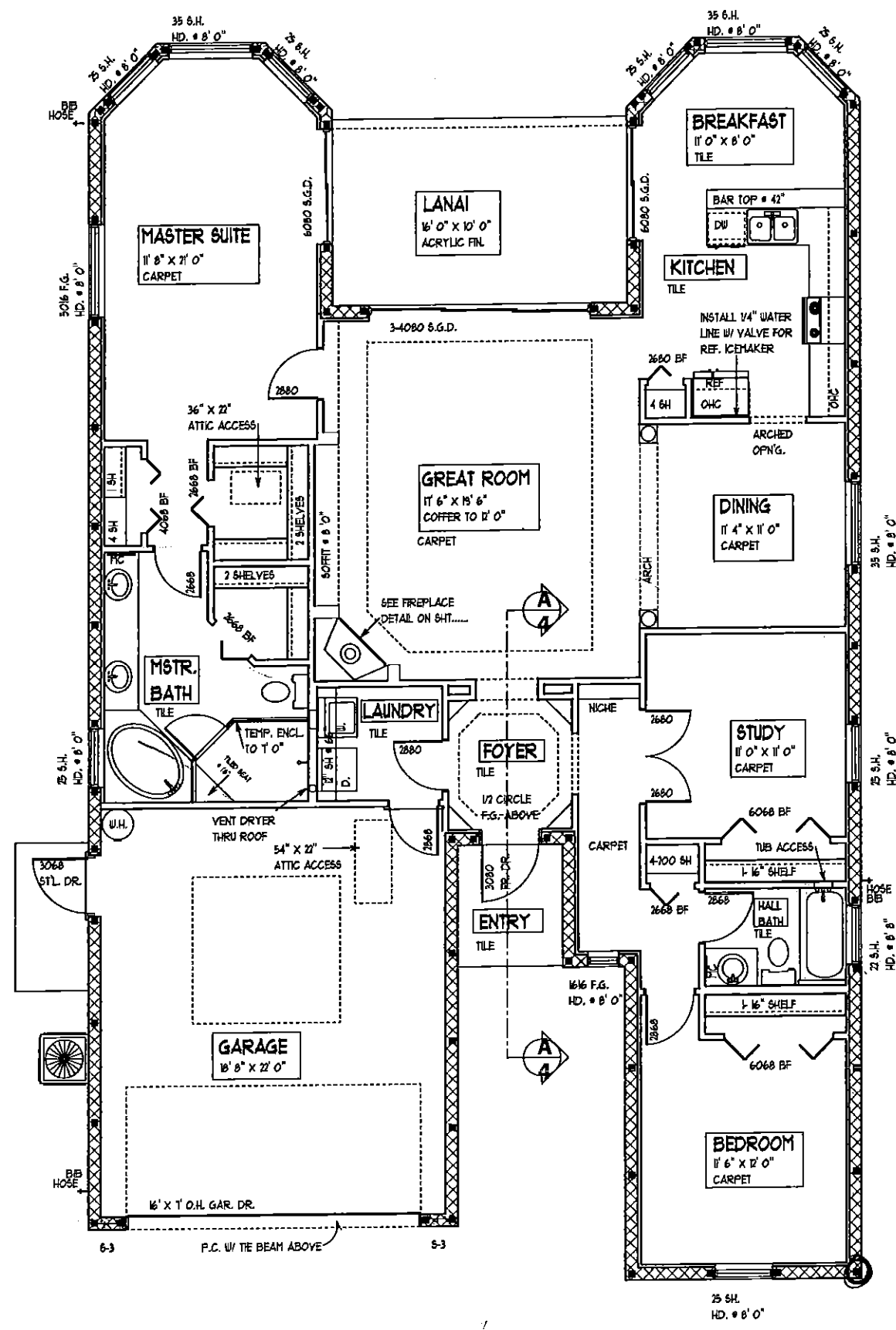
DEEB SIGNATURE
HOMES, LTD.
9020 RANCHO DEL RIO
#132
NEW PORT RICHEY, FL. 34655

PLAN DATE
1-01-06

JOB ADDRESS

I HEREBY CERTIFY THAT I HAVE REVIEWED THE ATTACHED PLANS AND THAT THEY COMPLY WITH ALL REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE.
SIGNED

R-CAP ASSOCIATES, INC.
RALPH L. CAPRIOLA, P.E. # 32400
9820 DELRAY DR.
NEW PORT RICHEY, FL. 34654
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SHEAR WALL TYPES
 NOTE: ALL WALLS ARE S-2 UNLESS NOTED OTHERWISE

S-1 2 2x5's STANDARD (SUS)
 2 #5 VERT. BARS IN EACH END WITH ONE HAVING A 10" LEG AT TOP INTO LINTEL, AND ONE INTO FOOTING AT EACH END. FILL CELLS SOLID WITH 3000 P.S.I. CONC.

S-2 STANDARD (SUS + SO #)
 1 #5 AT EACH END WITH A 10" HOOK AT TOP AND 1 #5 DOWEL. FILL END CELLS WITH 3000 P.S.I. CONC.

S-3 2 2x5's STANDARD (SUS + F)
 SAME AS S-1 BUT ALL CELLS BETWEEN THE TWO VERTICAL CELLS AT EACH END ARE FILLED SOLID WITH 3000 P.S.I. CONC.

SQUARE FOOTAGES

LIVING AREA	-	1868 S.F.
GARAGE	-	451 S.F.
LANAI	-	160 S.F.
ENTRY	-	38 S.F.
TOTAL	-	2517 S.F.

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

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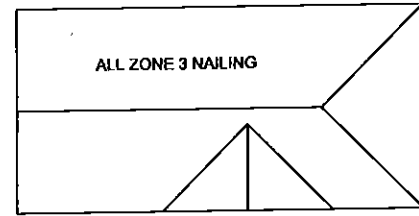
I HEREBY CERTIFY THAT I HAVE REVIEWED THE PLANS AND FOUND THEM TO BE IN COMPLIANCE WITH CHAPTER 16 OF THE 2004 FLORIDA BUILDING CODE.
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2



- NOTES:
 1. STAGGER END JOINTS @ FRAMING MEMBER
 2. TYP. H-CLIP, EA. JOINT BETWEEN EA. FRAMING MEMBER
 3. TYP. LOOKOUTS @ EA. JOINT @ 24" O.C.
 4. TYP. MIN. PLYWOOD WIDTH 12"

**ROOF NAILING SCHEDULE:
 NAILING ZONES**

ZONE 3: 8d RING SHANK NAILS @ 4" O.C. IN FIELD
 8d RING SHANK NAILS @ 4" O.C. ON EDGE

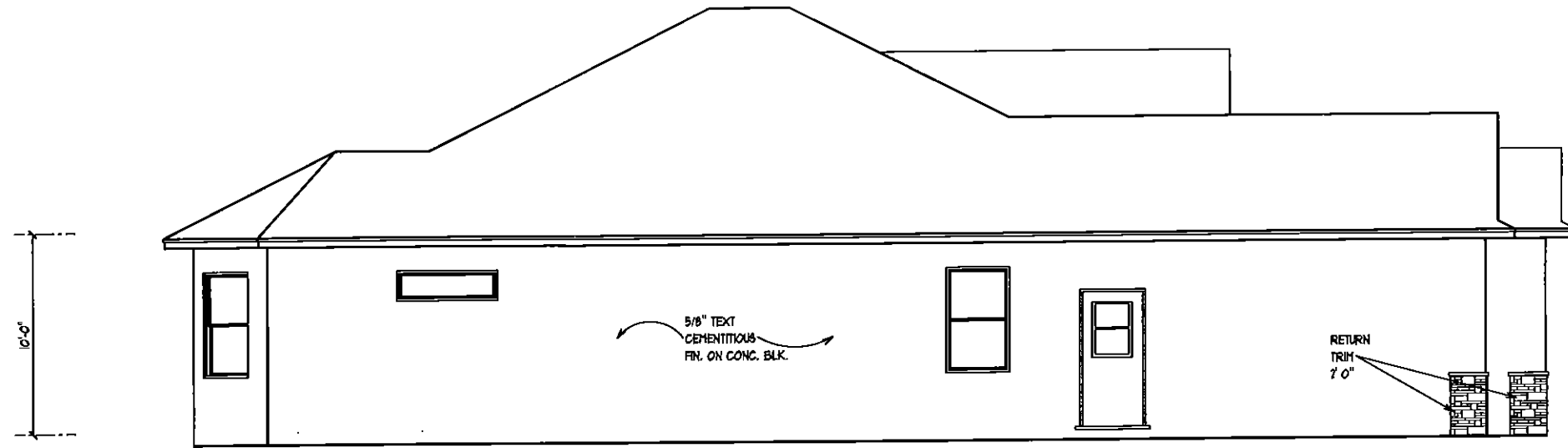
ALLOWABLE FASTENERS

- A: HOT DIPPRD GALVANIZED COMMON NAILS
 B: RING SHANK PLATED NAILS

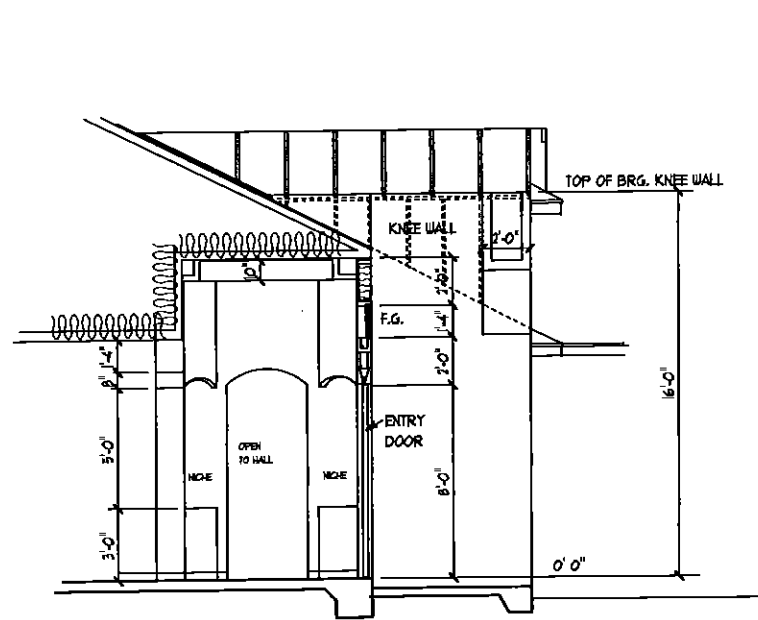
**ROOF DIAPHRAGM NAILING
 SCHEDULE**

TYPICAL

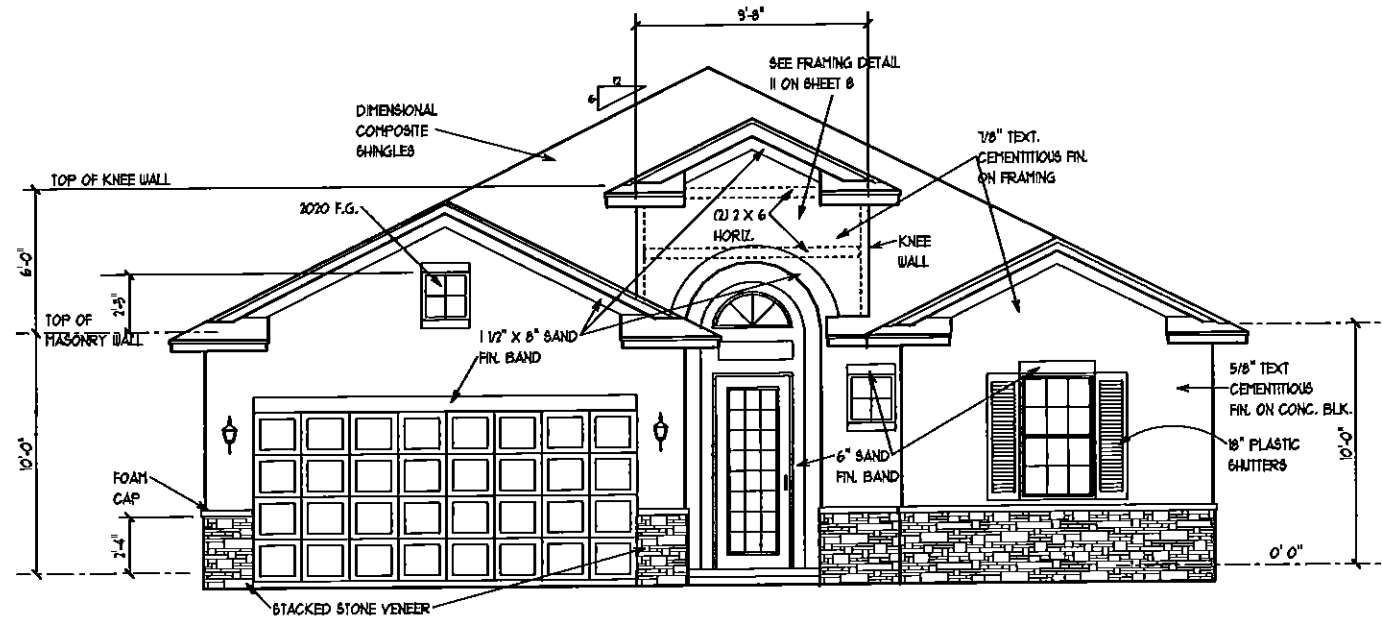
NO SCALE



RIGHT SIDE ELEVATION



SECTION THRU ENTRY



FRONT ELEVATION

MEADOW OAKS 1850

SCALE 1/4" = 1' 0"

EXTERIOR ELEVATIONS -A

R-CAP ASSOCIATES, INC.
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 SIGNED:

JOB ADDRESS

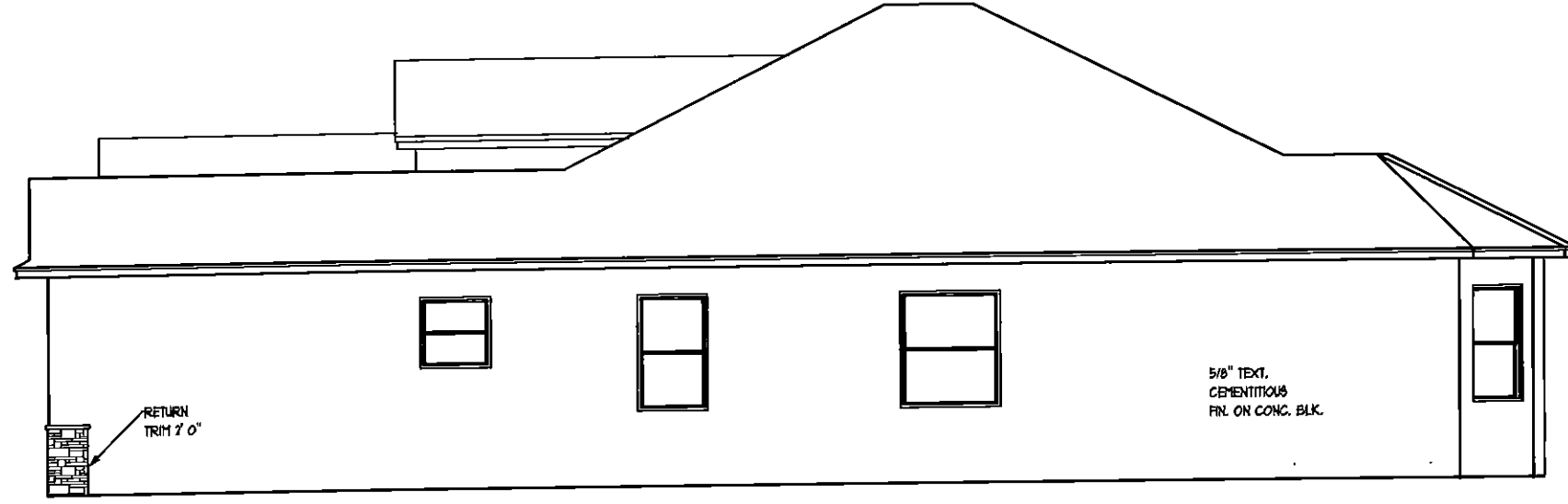
PLAN DATE

1-01-06

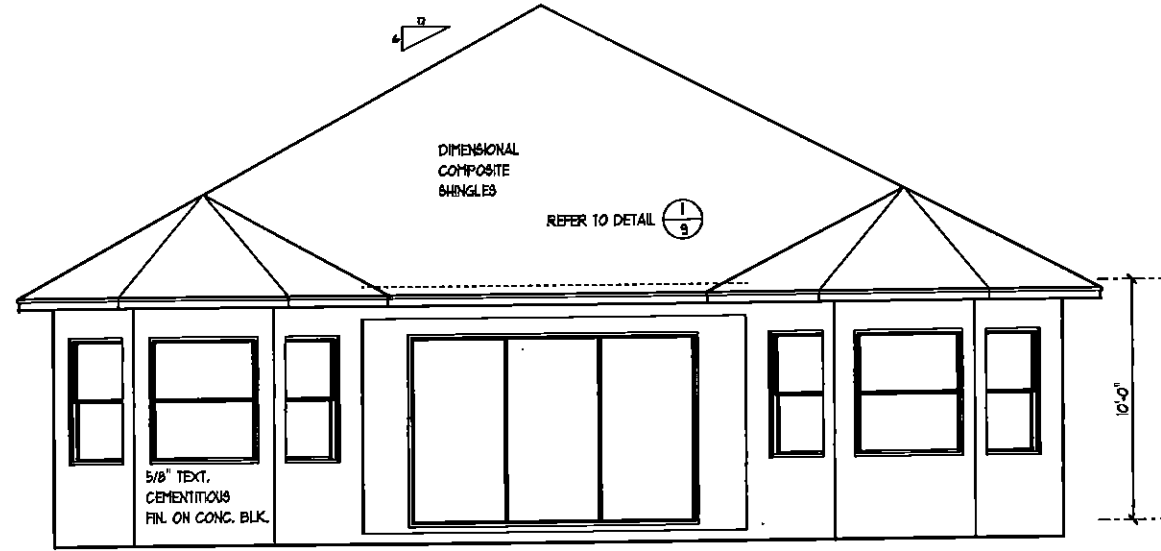
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4



LEFT SIDE ELEVATION



REAR ELEVATION

MEADOW OAKS 1850

EXTERIOR ELEVATIONS -A 1/4" = 1' 0"

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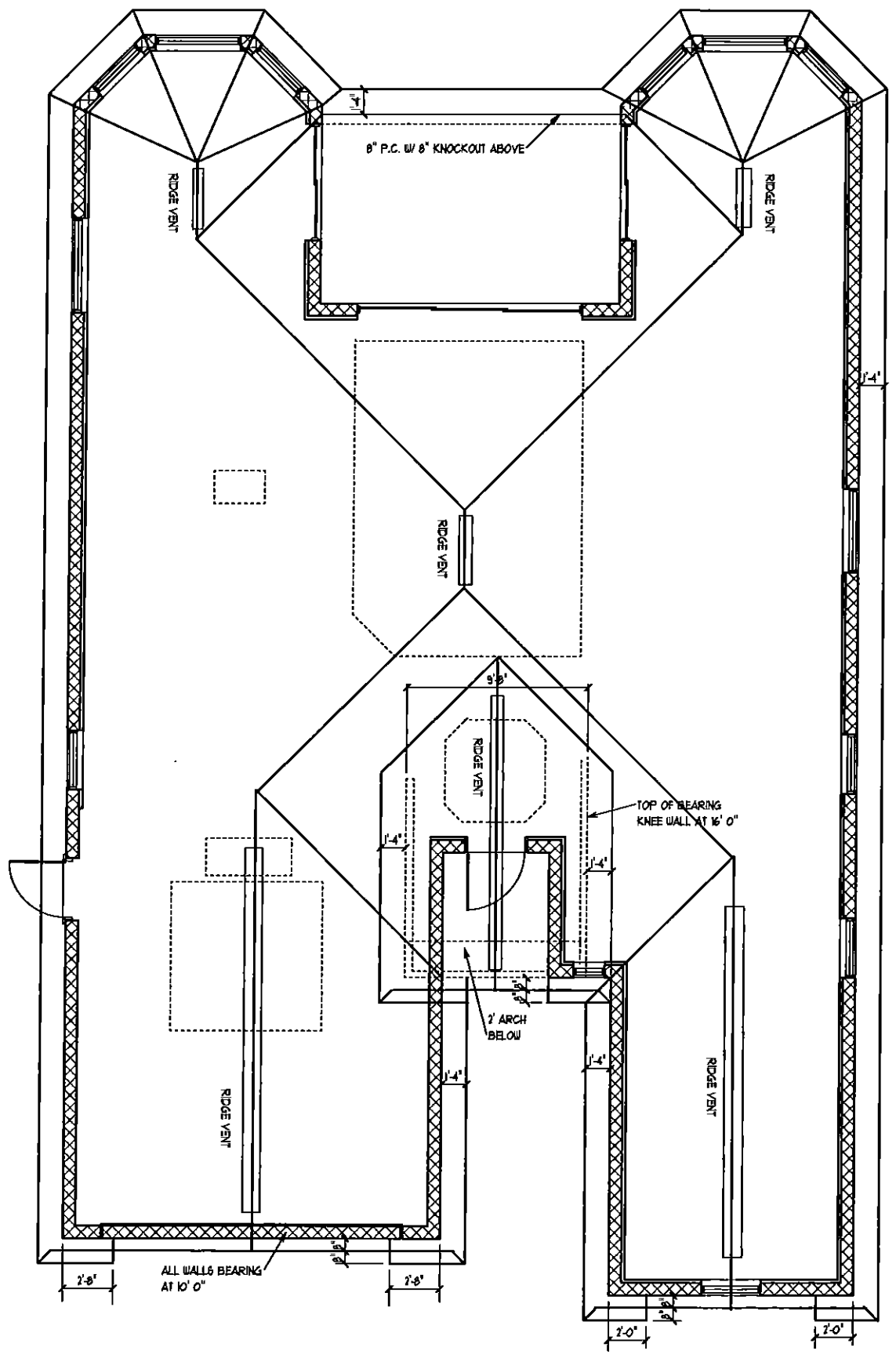
I HEREBY CERTIFY THAT I HAVE REVIEWED THESE PLANS AND FOUND THEM TO BE IN COMPLIANCE WITH CHAPTER 16 OF THE 2004 FLORIDA BUILDING CODE.
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PLAN DATE
1-01-06

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5



ROOF PLAN

SCALE 1/4" = 1' 0"

MEADOW OAKS 1850

6

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PLAN DATE
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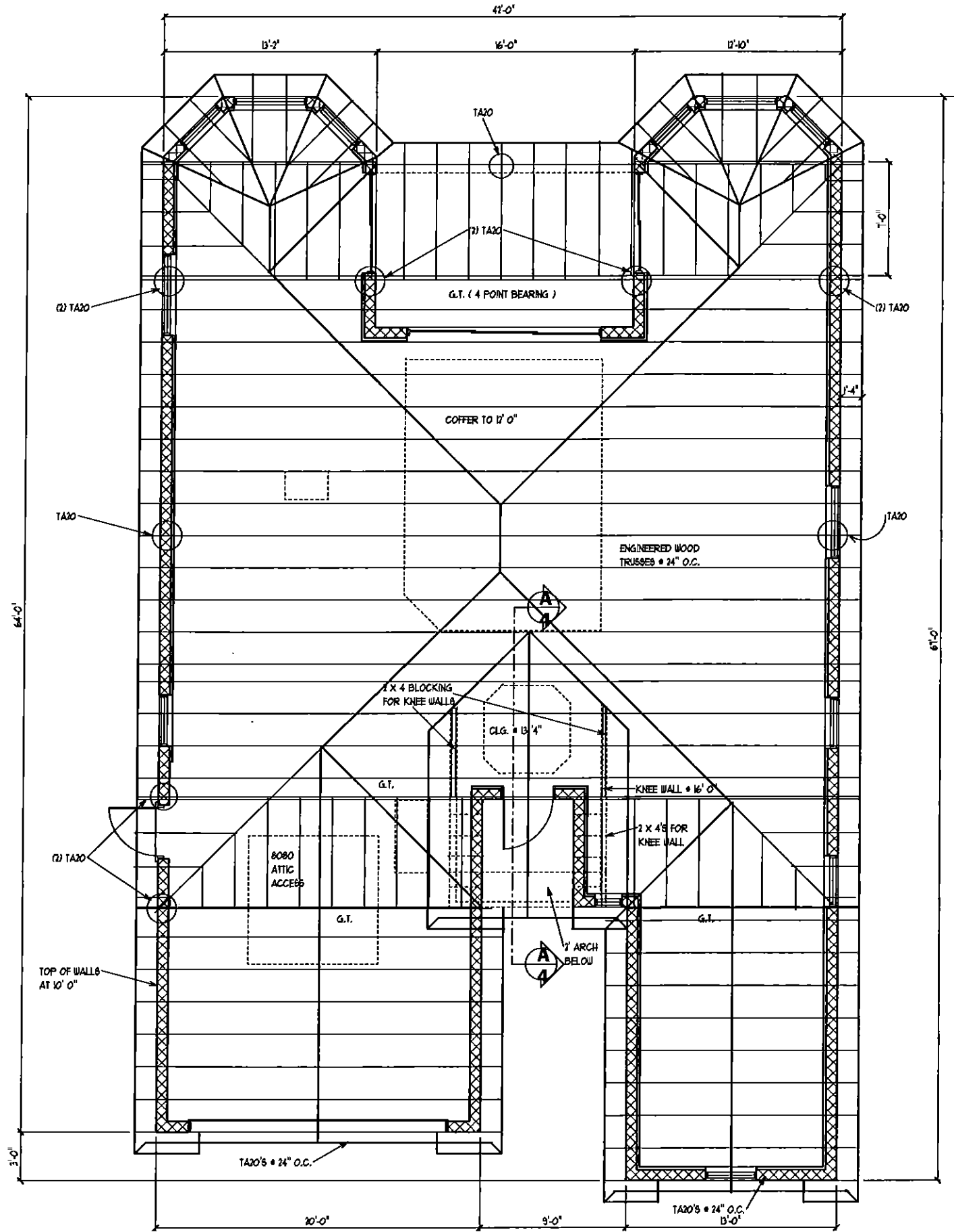
JOB ADDRESS

I HEREBY CERTIFY THAT I HAVE
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AND AM SURE THAT THEY ARE IN
COMPLIANCE WITH CHAPTER 16
OF THE 2004 FLORIDA BUILDING
CODE.
SIGNED: _____

R-CAP ASSOCIATES, INC.
RALPH L. CAPRIOLA, P.E. # 32400
9820 DELRAY DR.
NEW PORT RICHEY, FL. 34654
(727) 848-4134

NOTE:

THIS FRAMING PLAN IS DIAGRAMMATIC IN NATURE AND IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY. TRUSS MANUFACTURER TO PROVIDE SEPERATE LAYOUT AND TRUSS COMPONENT DESIGN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER AND REVIEWED BY P.E. OF RECORD.



TRUSS PLAN

SCALE 1/4" = 1' 0"

MEADOW OAKS 1850

6A

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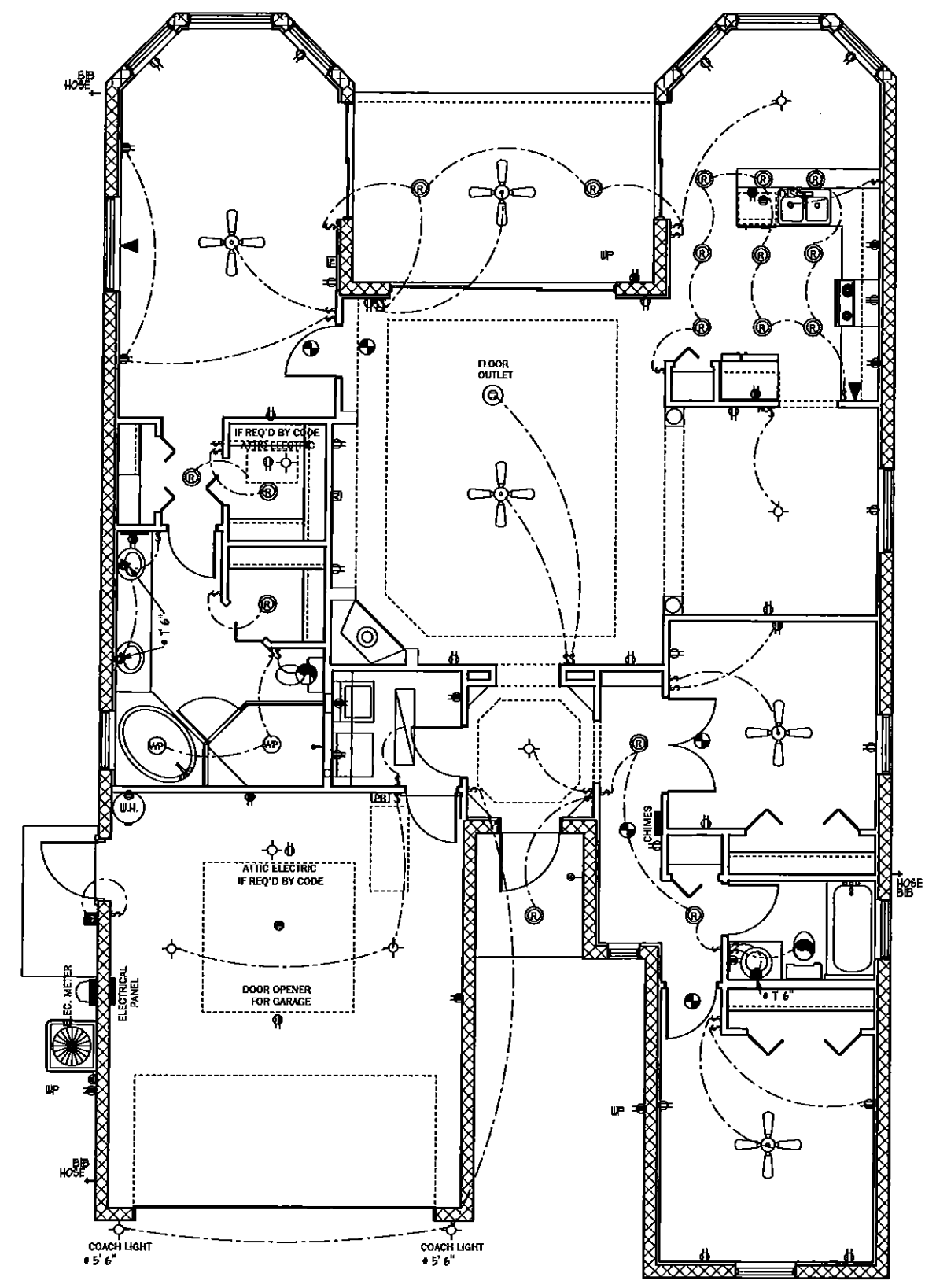
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ELECTRICAL LEGEND

- | | | | |
|-----|--------------------------------|---|-------------------------|
| ⊥ | SINGLE POLE SWITCH | ☉ | SMOKE DETECTOR |
| ⊥2 | DOUBLE POLE SWITCH | ☉ | FLOOD LIGHT |
| ⊥3 | THREE-WAY SWITCH | ☉ | FLUORESCENT LIGHTING |
| ⊥4 | FOUR-WAY SWITCH | ☉ | TRACK LIGHTING |
| ⊥DM | DIMMER SWITCH | ☉ | CEILING FAN |
| ☉ | CEILING FIXTURE | ☉ | CEILING FAN |
| ☉ | SCOUNCE (WALL MOUNTED) FIXTURE | ☉ | DOOR BELL CHIMES |
| ☉ | 110 VOLT DUPLEX OUTLET | ☉ | DOOR BELL |
| ☉ | 110 VOLT SPLIT SWITCHED OUTLET | ☉ | DISPOSAL |
| ☉ | GROUND FAULT INTERRUPT | ☉ | DISCONNECT SWITCH |
| ☉WP | WATER PROOF W/ GROUND FAULT | ☉ | PREWIRE SPEAKER |
| ☉ | 220 VOLT OUTLET | ☉ | JUNCTION BOX |
| ☉ | SPECIAL SERVICES OUTLET | ☉ | THERMOSTAT |
| ☉TV | T.V. CABLE OUTLET | ☉ | LOW VOLTAGE LIGHTING |
| ☉ | TELEPHONE CABLE OUTLET | ☉ | INTERCOM SYSTEM |
| ☉ | RECESSED LIGHTING | ☉ | GARAGE DOOR PUSH BUTTON |
| ☉WP | WATER PROOF RECESSED LIGHTING | | |
| ☉ | BATH FAN | | |
| ☉ | BATH FAN W/ LIGHT | | |

NOTES:

- UNLESS OTHERWISE NOTED
- ELECTRICAL OUTLET HEIGHTS MEASURED FROM FINISHED FLOOR TO CENTERLINE OF THE BOX TO BE 16" A.F.F. (GENERAL)
 - KITCHEN 42" HORIZONTALLY
 - BATHROOM 42" HORIZONTALLY
 - LAUNDRY 36" WASHER/ 24" DRYER/ WALL OUTLETS 45"
 - EXTERIOR WATERPROOF # 12"
 - GARAGE GFI # 45"
 - RANGE 220V # 4"
 - ALL TRIM PLATES AND DEVICES TO GANGED WHERE POSSIBLE
 - ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE A.F.F.
 - 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.
 - SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, SECTION 905.2
 - PROVIDE AFCI (ARC FAULT INTERRUPTERS) IN ALL BEDROOMS PER NEC, SECTION 210-12



ELECTRICAL PLAN SCALE 1/4" = 1' 0" **MEADOW OAKS 1850**

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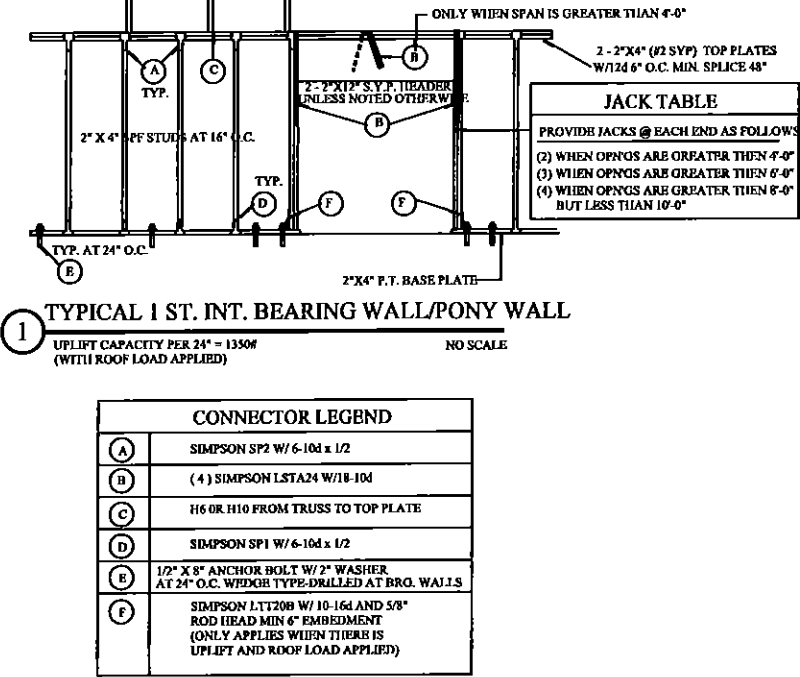
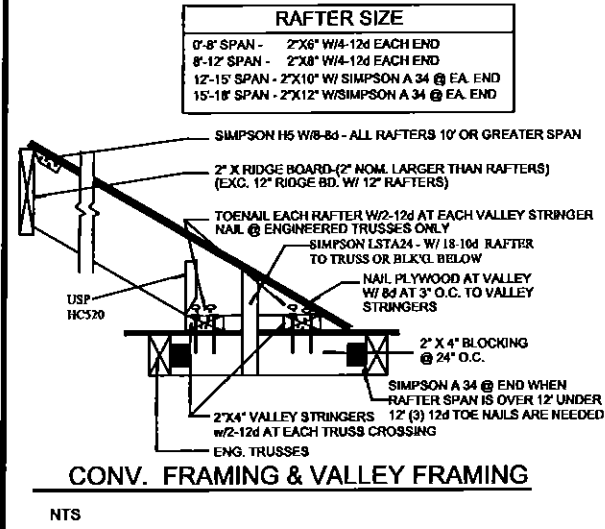
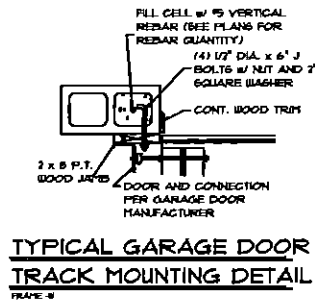
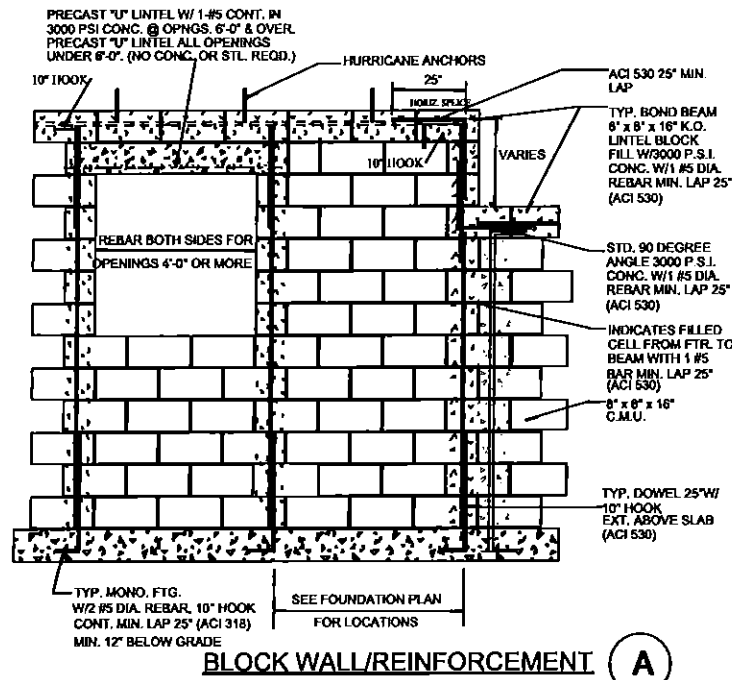
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 SIGNED

JOB ADDRESS

PLAN DATE
 1-01-06

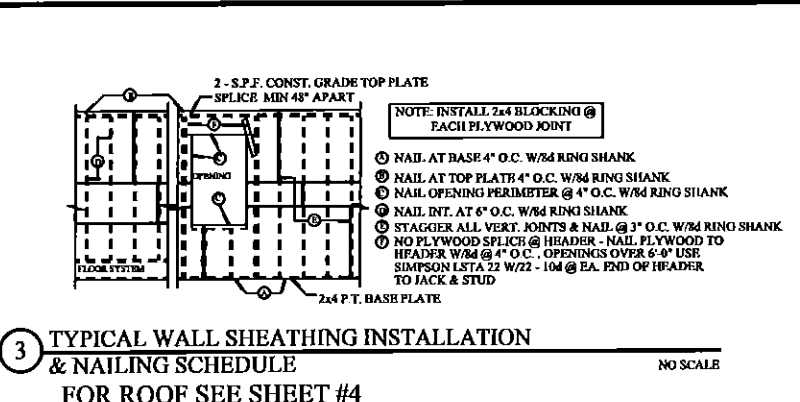
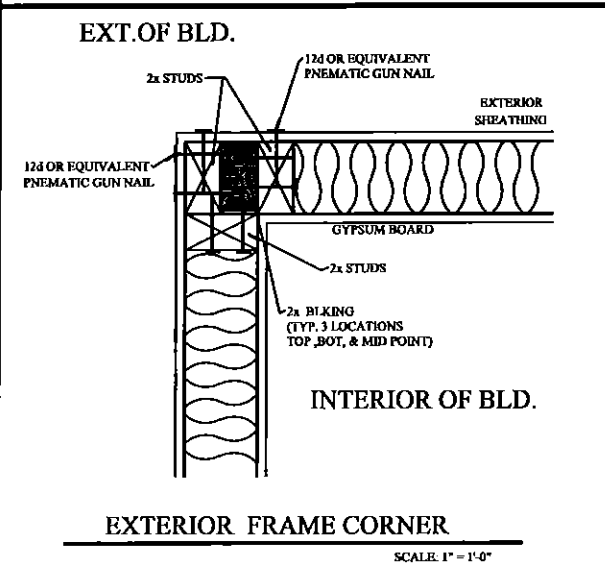
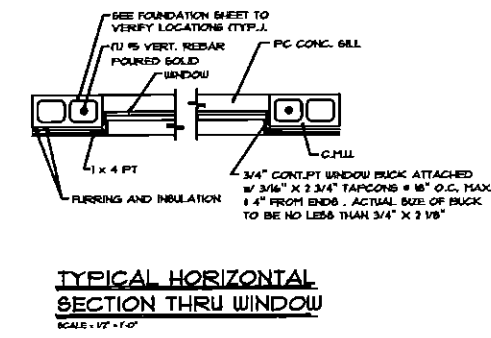
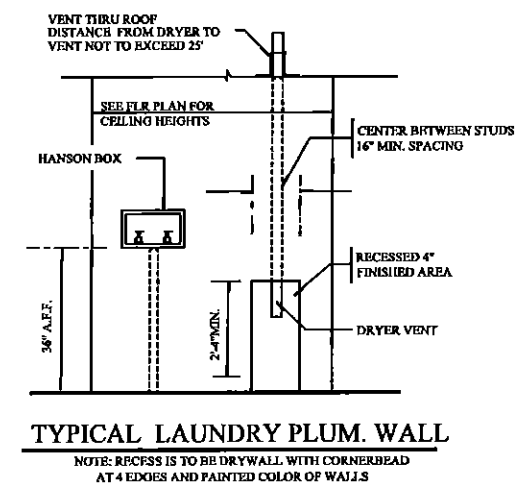
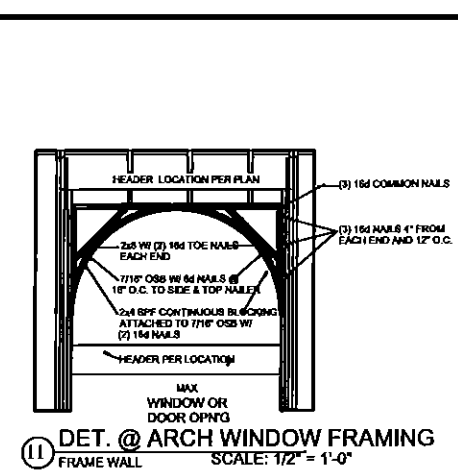
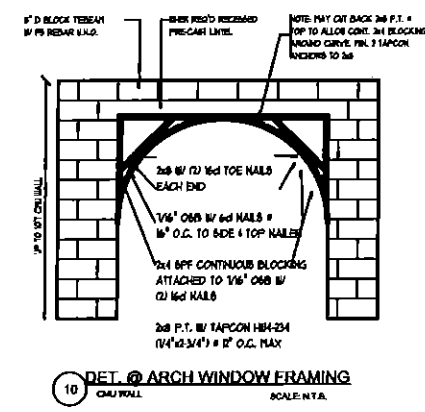
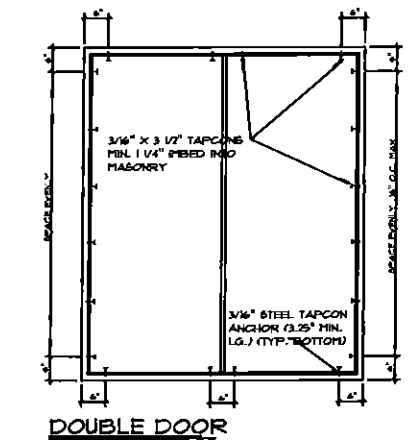
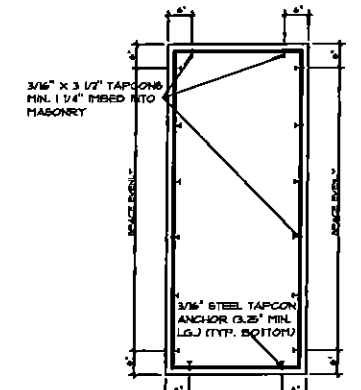
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7



EXTERIOR DOOR INSTALLATION NOTES

- SIDELETTS BE DIRECT SET INTO JAMB WITH 10 x 2 PHENOL WOOD SCREWS AT 6\" FROM EACH END AND A MAX. OF 12\" O.C. ON VERTICAL LEG JAMBS ONLY.
- ALLOW A MAX. OF 1/4\" BETWEEN JAMBS AND BUCK.
- PREDRILL JAMBS AND HEADERS USING 1/8\" DRILL BIT. PREDRILLING INCREASES STRUCTURAL PERFORMANCE.
- USE ONLY 3/16\" x 3 1/2\" TAPCONS WHEN SECURING THE FINISHING FRAME TO THE ROUGH OPENING BUCK.
- FASTEN THRESHOLD W/ 3/16\" STEEL TAPCON ANCHOR (3.25\" MIN. L.G.) (TYP. BOTTOMU).
- PLACE (1) OR MORE LARGE BEADS OF CAULK IN PARALLEL LINES ACROSS BOTTOM SURFACES.



MEADOW OAKS 1850

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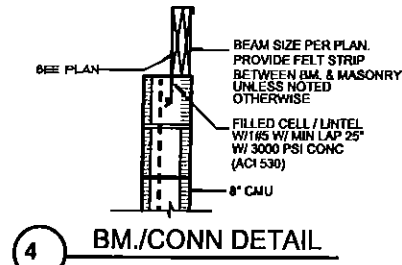
JOB ADDRESS

PLAN DATE
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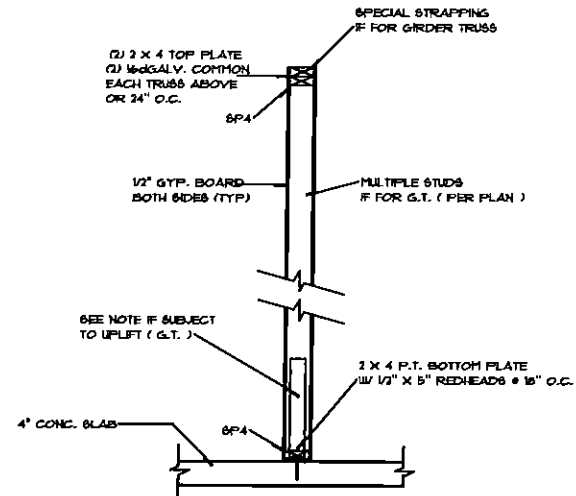
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FRAMING DETAILS

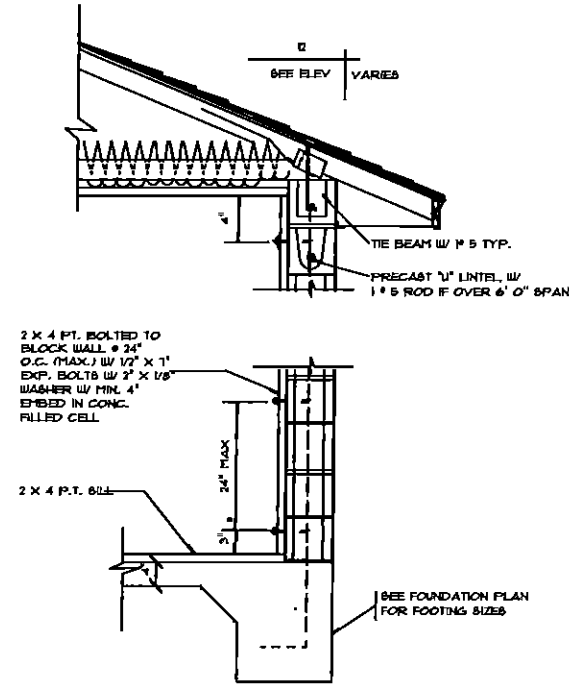
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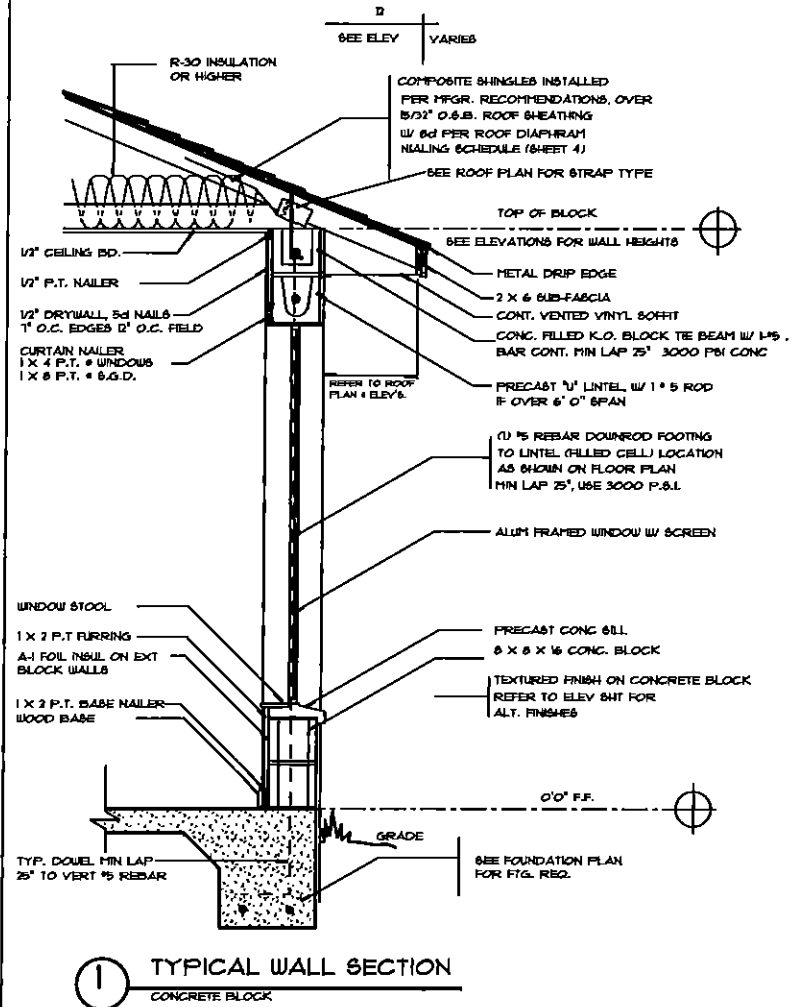
4 BM./CONN DETAIL



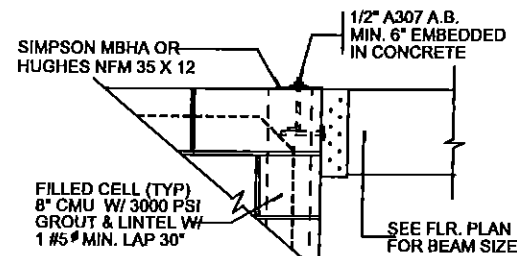
3 2 x 4 LOAD BEARING INTERIOR WALL



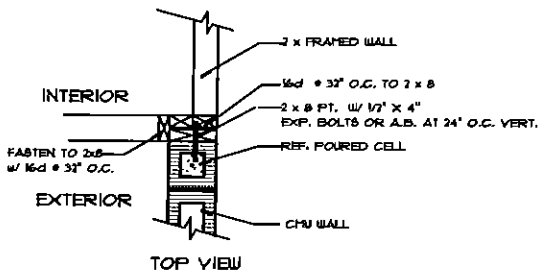
2 FRAME TO BLOCK CONNECTION
INTERIOR BEARING TO EXT BLOCK



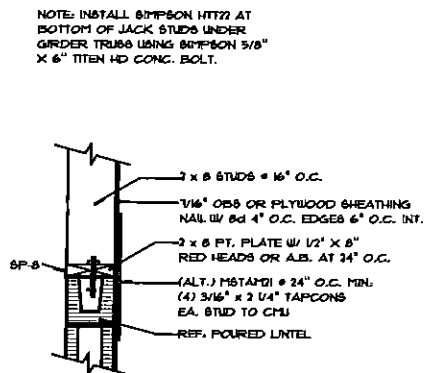
1 TYPICAL WALL SECTION
CONCRETE BLOCK



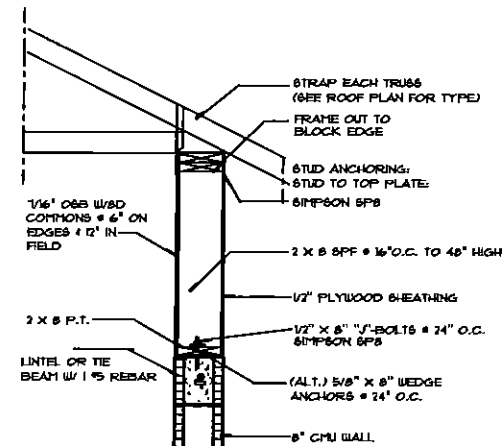
5 BM./CONN DETAIL



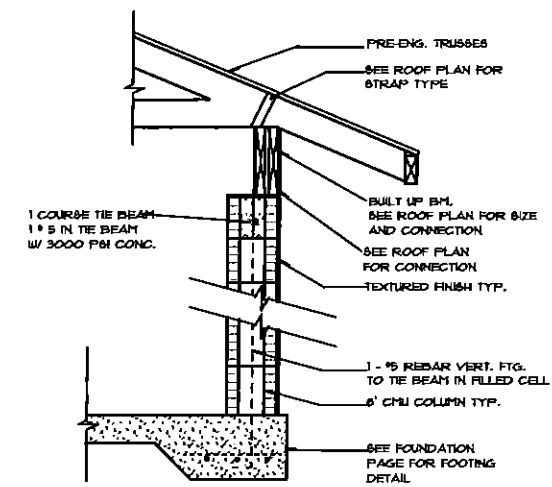
9 FRAME ENTRY TO BLOCK DET.



8 FRAME TO BLOCK DETAIL



7 KNEEWALL
N.T.B.



6 C.M.U. COLUMN w/BUILT UP BM. DET.

MEADOW OAKS 1850

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I HEREBY CERTIFY THAT I HAVE REVIEWED THE ATTACHED PLANS AND FOUND THEM TO BE IN ACCORDANCE WITH THE BUILDING CODE OF THE 304-FLORIDA BUILDING CODE.
SIGNED

JOB ADDRESS

PLAN DATE

1-01-06

CONSTRUCTION DETAILS

DEEB SIGNATURE
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9

