DUE TO SPACE LIMITATIONS IN THIS 11"X 17" PLAN FORMAT, AND TO ELIMINATE CLUTTER AND TEXT READABILITY ISSUES, SOME DETAILS AND NOTATIONS MAY OR MAY NOT BE LOCATED ON THE SAME SHEETS OR IN THE SAME LOCATIONS AS PROVIDED FOR BY OTHER CONTRACTORS OR ARCHITECTS.

IT WOULD BE IN YOUR BEST INTREST TO REVIEW THESE PLANS AND LOCATE THE APPROPORIATE INFORMATION REQUIRED TO COMPLETE YOUR SPECIFIC PORTION OF THE JOB BEFORE BEGINNING CONSTRUCTION. **NOTICE TO SUBCONTRACTORS:** 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 PROPERSIONAL 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. CLEAR ENOUGH FOR THE LICENSED PROFESSIONAL IT IS THE INTENT OF THIS DESIGNER THAT THESE PLANS ARE ACCURATE AND ARE NOTICE TO BUILDER AL

1. WINDOWS MUST BE FASTENED INTO STRUCTURAL MEMBERS
PER MFG'S. DETAIL REQUIREMENTS PER DESIGN CRITERIA
NOTED ON THESE DRAWINGS.

2. WINDOWS ARE NOT IMPACT RESISTANT TYPE, STORM
SHUTTERS OR PANELS ARE REQUIRED.

3. ROOF, 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 AS NOTED ON THIS PAGE. DOORS, SLIDING GLASS DOORS

AND O.H. GARAGE DOORS ARE DELEGATED
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
8' 0" UNLESS OTHERWISE NOTED Ċı ALL OPENINGS SHALL COMPLY WITH 2010 FBC WIND LOADS AS STATED THE FOLLOWING TECHNICAL CODES SHALL APPLY:
2010 FLORIDA BUILDING CODE,
PLUMBING, MECHANICAL, FUEL GAS,
ENERGY EFFICIENCY, ACCESSIBILITY,
AND NATIONAL ELECTRICAL CODES
NEC 2008 ☐ CHIMNEY & FIREPLA ☐ EGRESS WINDOWS ☐ STAIRS GUARDRAILS ☐ HANDRAILS □ PORCHES AND BALCONIES 3. WATER - FLOW RATE. ALL WINDOWS WITHIN 24" OF DOORS (INTERIOR & EXTERIOR) AND WITHIN 18" OFF FLR TO BE TEMPERED GLASS TANK TYPE WATER CLOSET VOLUME 1.6 GALLONS THE FOLLOWING SHALL COMPLY WITH THE 2010 FBC. BELOW. ATTACHMENTS OF WINDOWS, ALL SHOWER ENCLOSURES TO BE CONDITIONS AND MAY CHANGE DUE TO JOBSITE VTR LOCATIONS ARE APPROXIMATE SHOWER HEADS PRIVATE FACILITIES PUBLIC FACILITIES CHIMNEY & FIREPLACE 3.5 GALLONS WALL MOUNT WATER CLOSET VOLUME WINDOW INSTALLATION NOTES: GENERAL NOTES: 2.2 G.P.M. 2.5 G.P.M. 0.5 G.P.M. SHEET COVER SHEET
STRUCTURAL ENGINEER NOTES
STRUCTURAL ENGINEER NOTES
STRUCTURAL ENGINEER NOTES
WIND LOAD DESIGN DATA FOUNDATION PLAN
FLOOR PLAN NOTES
DIMENSION PLAN
EXTERIOR ELEVATIONS
ENTRY TOWER DETAILS
EXTERIOR ELEVATIONS
ROOF PLAN
TRUSS PLAN
ELECTRICAL PLAN
CONSTRUCTION DETAILS
CONSTRUCTION DETAILS
TYPICAL WALL SECTIONS
TYPICAL FOOTING DETAILS SOFTPAN ARCHITECTURAL DESIGN SOFTWARE TITLE N · C · B · D · C INDEX OF DRAWINGS ROBBIAN DESIGN AIBD AL ROBBIAN A.I.B.D. 7059 Blair Road NW 6397 CONNIEWOOD SO B D Suite 201 Washington DC 20012 NEW PORT RICHEY, FL. 34653 (727) 848-2259 MAIL-al@robbiandesign.com ALLEN ENGINEERING AND CONSTRUCTION SERVICES, INC. (AECS) IS NOT RESPONSIBLE FOR THE ARCHITECTURAL DESIGN, ITS FEATURES AND ASSOCIATED DIMENSIONS. THE ARCHITECTURAL INFORMATION IS ACCEPTED AS BEING ACCURATE AND IS USED BY AECS SOLELY FOR THE PURPOSE OF DETERMINING STRENGTH, FIRE PROTECTION, AND FLOOD RESISTANCE CONSTRUCTION REQUIREMENTS. UNIT-2054 **COVER SHEET** A.E.C.S. # 12091 DEEB FAMILY LOT 2 PLAN DATE ALLEN ENGINEERING & **SUMMERDALE** CONSTRUCTION SERVICES 10-19-12

HOMES, LTD.

9400 RIVER CROSSING BLD. NEW PORT RICHEY, FL. 34655 727-376-6831

CLEARWATER, FL.

L HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCI WITH SECT. 301 OF THE 2010 FLORIDA DESIGNATION AND THE SECTION A

RICH ALLEN PROFESSIONAL ENGINEER P.E. # 56920 C.A. # 9542

P.O. BOX 351 NEW PORT RICHEY, FL. 34656 727-842-6100 rich@allenengineeringservices.com

STRUCTURAL ENGINEER DESIGN NOTES

1. THE ENGINEERING FIRM FOR THIS STRUCTURAL DESIGN IS ALLEN ENGINEERING AND CONSTRUCTION SERVICES, INC. HEREIN REFERRED TO AS "AECS" OR "A.E.C.S.".

2. THE ENGINEER FOR THIS STRUCTURAL DESIGN IS RICHARD E. ALLEN, PE. HEREIN REFERRED TO AS "STRUCTURAL ENGINEER".

3. THE STRUCTURAL ENGINEER DESIGN NOTES ARE PART OF THE STRUCTURAL DESIGN AND ARE TO BE TAKEN AS TYPICAL REQUIREMENTS UNLESS NOTED OTHERWISE, "UNO", IN THE STRUCTURAL PLANS AND STRUCTURAL DETAILS.

4. THE DESIGN SHOWN IN THESE PLANS CONFORMS TO THE STRUCTURAL PROVISIONS OF THE CHAPTER 16 OF THE FLORIDA BUILDING CODE 1, SECTION R301 OF THE FLORIDA RESUDENTIAL BUILDING CODE 2010, THE SECTIONS TITLED "STRUCTURAL" OF THE FLORIDA EXISTING BUILDING CODE 2010

5. THE PURPOSE OF THESE PLANS IS TO OBTAIN A BUILDING

5. THE PURPOSE OF THESE PLANS IS TO OBTAIN A BUILDING CODE 2010

5. THE PURPOSE OF THESE PLANS IS TO OBTAIN A BUILDING PERMIT AND FOR SUBSEQUENT CONSTRUCTION OF THE DESIGN AS SHOWN, THESE PLANS ARE TO BE CONSIDERED VOID IF WORK COMMENCES PRIOR TO A FERMIT BEING ISSUED, A CHANGE IN THE BUILDING CODE OCCURS PRIOR TO THE PLANS BEING SUBMITTED FOR PERMIT OR AFTER SIX MONTHS OF THE DATE THAT THESE PLANS ARE SIGNED AND SEALED WITHOUT BEING SUBMITTED FOR PERMIT OR AFTER SIX MONTHS OF THE DATE THAT THESE PLANS ARE SIGNED AND SEALED WITHOUT BEING SUBMITTED FOR PERMIT HAS BEEN ISSUED BASED ON THESE PLANS, THE BUILDING DEPARTMENT IS NOT AUTHORIZED TO REISSUE OR TRANSFER BUILDING PERMITS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE STRUCTURAL ENGINEER.

6. CONSTRUCTION BASED ON THE STRUCTURAL DESIGN IS TO BE DONE AS SHOWN IN THE PLANS WITHOUT DEVIATION, CHANGE, OR OMISSION WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER. IS NOT RESPONSIBLE FOR ANY PART OF THESE PLANS, INCLUDING PROVISIONS AS STATED IN ITEM 4.

HABITABLE ATTICS AND SLEEPING AREAS; 30PSF BALCONIES: 60 PSF DECKS: 40 PSF

SLAB) SHALL BE CON COMPRESSIVE STREN 3/8" AGGREGATE.SOII

IN ADDITION

THE STRUCTURAL ENGINEER IS NOT A CIVII

INEER AND IS NOT RESPONSIBLE FOR ABILITY OF THE SITE FOR

FOOTINGS (AND ANY ASSOCIATED MONOLITHIC FLOOR) SHALL BE CONSTRUCTED OF CONCRETE WITH A SPECIFIED PRESSIVE STRENGTH OF 3,000 PSI, 3 TO 5 INCH SLUMP, AND

SHEET WHERE HIS SIGNATURE AND SEAL APPEAR, THAT DOES NOT PERTAIN TO THE RELEVANT STRUCTURAL PROVISIONS AS STATED IN TEM 4, INCLUDING BUT NOT LIMITED TO THE BUILDING OCCUPANCY, THE ARCHITECTURAL DESIGN, ITS FEATURES, FINISHES (E.G. DECORATIVE STUCCO, SIDING, ROOFING, SOPETIS, FLASHING, PAINTING ETC) AND THEIR INSTALLATION, DIMENSIONS, AND ANY DESIGN OF FIRE PROTECTION, ELECTRICAL, PLUMBING, AND MECHANICAL COMPONENTS OR SYSTEMS. INFORMATION CONTAINED ON A PLANS

> CONSTRUCTION, INC SUB-SURFACE COND OR GEOTECHNICAL DETERMINING THE S

LUDING ITS TOPOGRAPHY, DRAINAGE, AND DITIONS (INCLUDING WATER TABLE DEPTH), ING GEOTECHNICAL DATA CONCERNING THE

ONDITIONS AT THE SITE APPEAR OF THE BUILDING CO

CONTRACTOR

AND FOR INTERPRET

THE ARCHITECTURAL INFORMATION, INCLUDING DIMENSIONS, SHOWN IN THESE PLANS AND PROVIDED TO THE STRUCTURAL ENGINEER BY OTHERS IS PRESUMED ACCURATE AND IS RELIED UPON BY THE STRUCTURAL ENGINEER SOLELY FOR THE PURPOSE OF ACHIEVING COMPLIANCE WITH THE RELEVANT STRUCTURAL ALL OTHER ROOMS: 40 PSF GUARDRAILS: 200 LB CONCENTRATED LOAD

B. IF THE SOIL CO QUESTIONABLE AS DE OR OWNER-BUILDER, BY A LICENSED GEOT SPECIFIC RECOMMENT BUILDING CONTRACT

ALL LIVE LOADS PER FBC 2010 TABLE 1607.1

14. ROOF LIVE LOADS

ALL ROOF WOOD CONSTRUCTION TYPES ARE 30 PSF
15. DEAD LOADS
FLOOR WOOD FRAME: 35 PSF FOR TILEMARBLE FLOOR
COVERING, 15 PSF FOR ALL OTHER
ROOF WOOD FRAME: 25 PSF FOR SHINGLES, 35 PSF FOR TILE

APPLIED IN ANY DIRECTION

A. COMMERCIAL

THE DESIGN BASED FBC 2010, SECTION 1:

THE DETERM

VATIONS OF THE SUITABILITY OF THE SITE

CTURAL ENGINEER SHALL PROCEED WITH THE PRESUMPTIONS ALLOWED BY THE

THAT DETERMINATI PERFORMED, THE ST

DER, A SOILS ANALYSIS SHALL BE PERFORMED EOTECHNICAL ENGINEER THAT WILL GIVE MENDATIONS FOR A FOUNDATION TYPE. IF THE ACTOR OR OWNER-BUILDER DO NOT MAKE XITION AND A SOILS ANALYSIS IS NOT STRUCTURAL ENGINEER SHALL PROCEED WITH

16. WIND LOADS

A WIND LOADS ARE BASED ON THE SPECIFIC
REQUIREMENTS AND DEFINITIONS OF FLORIDA RESIDENTIAL
BUILDING CODE 2010 EDITION ASCE-7-10

B. THE COMPONENT AND CLADDING WIND PRESSURES ARE
THE MINIMUM REQUIREMENTS FOR STRENGTH AND IMPACT
PROTECTION NEEDED FOR SELECTING SATISFACTORY
COMPONENTS AND CLADDING, BY OTHERS, FOR THE STRUCTURE.

SITE CONDITIONS

FOR ANY OTHER PURPOSE AS IT IS SUBJECT TO ENGINEERING AND MAY BE DIFFERENT FROM THE FINAL DESIGN.

I. MANUFACTURED FLOOR TRUSSES SHALL BE DESIGNED BY A LICENSED TRUSS COMPONENT AND TRUSS SYSTEM ENGINEER ACTING AS A DELEGATED ENGINEER AND WORKING THROUGH A TRUSS MANUFACTURER FOR THIS PURPOSE. THE SELECTION OF THE TRUSS MANUFACTURER IS HEREBY SUBORDINATED TO THE

18. SITE PLAN AND TOPOGRAPHY
A. THE STRUCTURAL ENGINEER IS NOT A SURVEYOR AND IS
NOT RESPONSIBLE FOR THE SITE PLAN, ESTABLISHING REQUIRED
SET-BACKS, AND LOCATING THE BUILDING ON THE PROPERTY.
B. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR
THE GRADING OF THE SITE OR ITS COMPLIANCE WITH ANY
DRAINAGE PLAN WHETHER INDIVIDUAL OR AS PART OF A
MASTER DRAINAGE PLAN.

7. IT IS IMPORTANT TO UNDERSTAND THAT THE STRUCTURAL PROVISIONS OF THE BUILDING CODE ARE COMPLICATED AND THESE PLANS ARE INTENDED TO BE USED BY AND EXPERIENCED BUILDING CONTRACTOR, PROPERTY OWNERS OBTAINING OWNER-BUILDER PERMITS ARE PROCEEDING AT THEIR OWN RISK. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS BY PROPERTY OWNERS OR THEIR AGENTS AS A RESULT OF ANY MISUNDERSTANDING OF THE PLANS THAT OTHER WISE WOULD BE UNDERSTOOD BY A LICENSED CONTRACTOR.

8. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, AND SCHEDULE.

9. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTURAL ENGINEER ARE THE DIRECT CHARGE OF THE STRUCTURAL ENGINEER AND ANY RELEVANT DESIGN DOCUMENTS PRODUCED UNDER THE DIRECT CHARGE OF THE STRUCTURAL ENGINEER AND MAY NOT BE USED BY ANY PERSON OTHER THAN THE CONTRACTED CLIENT AND FOR ANY PURPOSE OTHER THAN THAT STATED IN ITEM S ABOVE WITH OUT THE EXPRESSED WRITTEN CONSENT OF THE STRUCTURAL ENGINEER. MOREOVER, NO OTHER ENGINEER FOR ANY PURPOSE RELATED TO THESE STRUCTURAL PLANS OR CONSTRUCTION BASED ON THESE PLANS PRIOR TO THE ISSUANCE OF A CERTIFICATE OF COMPLETION OR OCCUPANCY WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE STRUCTURAL ENGINEER.

C. ELEVATIONS: THE FOUNDATION DESIGN IS BASED ON THESE PRESUMED CONDITIONS INCLUDING THAT DIFFERENTIAL SETTLING DOES NOT EXCEED THE SAFE LIMITS OF THE FOUNDATION DESIGN (INCLUDING STEMWALLS AND MASONRY ABOVE GRADE WALLS) AS STATED IN ITEM 19.3 BELOW.

D. IT IS IMPORTANT TO KNOW THAT THE FOUNDATION DESIGN BASED ON A PRESUMED ALLOWABLE SOIL BEARING CAPACITY OF 2,000 PSF RELIES ON LESS THAN L/500 (E.G., 0.25 INCHES OVER 10 FEET) OF DIFFERENTIAL SETTLEMENT. CRACKS IN MASONRY WALLS SHOULD BE EXPECTED WHERE INTERED ENTER IN CEPTATE EXCENT EXCENT FOR A FOR A ROTHER DIFFERENTIAL STREET.

DIFFERENTIAL SETTLEMENT EXCEEDS L/300 (B.G. 0.4 NICHES OVER 10 FEET) AND STRUCTURAL DAMAGE SHOULD BE EXPECTED WHERE DIFFERENTIAL SETTLEMENT EXCEEDS L/150. THIS STATEMENT SHOULD BE TAKEN AS A CAUTIONARY NOTE FOR PROCEEDING WITHOUT A SOIL'S ANALYSIS AND FOUNDATION RECOMMENDATION BY A GEOTECHNICAL ENGINEER FOR THE

RECORDS. E. COPIES OF ANY AND ALL REQUIRED COMPACTION TESTS ARE TO BE PROVIDED TO THE BUILDING DEPARTMENT FOR THEIR

SOILS, AND FOUNDATIONS.".

12. FLOOR LIVE LOADS:

ONE AND TWO FAMILY DWELLINGS:
ALL LIVE LOADS PER TABLE R301.5:
UNINHABITABLE ATTICS WITHOUT STORAGE: 10 PSF
UNINHABITABLE ATTICS WITH STORAGE: 20 PSF

10. LOAD COMBINATIONS: THIS DESIGN IS BASED ON AN "ALLOWABLE-STRESS" FORMULATION RELYING ON THE LOAD COMBINATIONS DEFINED IN FBC 2010 SECTION 1605.3.1 OR SECTION 1605.3.2 WHERE OMEGA EQUALS 1.3

11. FOUNDATION LOADS: SEE NOTES ON "SITE CONDITIONS,

DESIGN CRUTERIA

STRUCTURAL ELEMENTS

19. FOUNDATION, FOOTINGS, AND GROUND FLOOR SLAB
A. THE FOUNDATION AND FOOTINGS ARE TO BEAR A
MINIMUM OF 12 INCHES BELOW GRADE AND ARE TO BE PLACED
ON UNDISTURBED SOIL OR FILL COMPACTED TO A MINIMUM OF
95% MODIFIED PROCTOR PURSUANT TO ASTM D 1557 WITH FILL
LIFTS LESS THAN 12".

IV. THE TRUSS PL
DELEGATED ENGINEE
BY THE STRUCTURAL
DESIGN INTENT OF TH
TO THE "TRUSS TO UN
THIS PLAN MUST BE P F. CONVENTION OVERLAPS OF JOINT STRUCTURAL CHAN PRIOR TO CONSTRUCTURE STRUCTURE EI SYSTEM PROVIDED TO THE STRUCTURAL ENGINEER CHION OF THE UNDERLYING STRUCTURE AS NGINEER RESERVES THE RIGHT TO MAKE GES BASED UPON THE FINAL FLOOR TRUSS ER SHALL BE PROVIDED TO AND REVIEWED

JENGINEER FOR COMPLYING WITH THE

BE ORIGINAL PLAN AND FOR ANY CHANGES

SUDERLYING STRUCTURE" CONNECTIONS.

AL FRAMED JOISTSWITH MINIMUM 6 INCH

DEEB FAMILY

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HOMES, LTD.

727-376-6831

G. TERMITE TREATMENT OF THE SITE SHALL BE SPECIFIED BY THE BUILDING CONTRACTOR OR OWNER-BUILDER,

H. SHRINKAGE CONTROL OF THE FLOOR SLAB SHALL BE ACCOMPLISHED BY 6 INCH BY 6 INCH, WI.4 BY WI.4 WELDED WIRE FABRIC AS SPECIFIED BY FBC 2010 SECTION 1910.2, EXCEPTION 2 OR FIBERANES! ADMIXTURE AS SPECIFIED BY FBC 2010, SECTION 1910.2 EXCEPTION 1. THE WELDED WIRE FABRIC OF THE SLAB AND HE SPACED NOT GREAT! SHALL BE PLACED B EXCEPTION I. THE WELDED WIRE FABRIC ETWEEN THE MIDDLE AND UPPER 1/3 DEPTH ELD IN POSITION BY APPROPRIATE SUPPORTS ER THAN 3 FEET APART.

STRUCTURAL ENGINEER NOTES

PLAN DATE 10-19-12

SHEETS OR THE GIRL APPLICABLE, A SPEC SPECIFYING THE TRI

DENTIFIED ON THE

BUILDING CONTRAC

DENTIFIED ON THE SIGNED AND SEALED COMPONENT SHEETS FOR EACH LOCATION A HANGER IS REQUIRED IN THE TRUSS

DER TRUSS COMPONENTS SHEETS AS DIFIC HANGER MUST BE SELECTED AND

JSS TO TRUSS AND TRUSS TO GIRDER
THE INDIVIDUAL TRUSS COMPONENT

CTURED TRUSS DESIGN SHALL INCLUDE

ER SHALL BE PROVIDED TO AND F

SYSTEM

LOT 2 **SUMMERDALE** CLEARWATER, FL. A.E.C.S. # 12091

UNIT-2054

ALLEN ENGINEERING & CONSTRUCTION SERVICES RICH ALLEN PROFESSIONAL ENGINEER P.O. BOX 351

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2010 FLORIDA LESIDEDTIAL DOT DING CODE EALED FOR STATE OF THE CONTROL OF THE CONTRO

FOOTINGS ARE SHOWN IN THE FOUNDATION PLAN.

I. THE GROUND FLOOR SLAB SHALL BE PLACED OVER A 6
MIL POLYETHYLENE MOISTURE RETARDER TRUSS SYSTEM
ENGINEERS OF THE TRUSS MANUFACTURER IN DEVELOPING THE
ACTUAL FLOOR TRUSS SYSTEM DESIGN. IT IS NOT TO BE USED

D. IN THE ABSENCE OF GEOTECHNICAL INFORMATION, THE SITE IS PRESUMED TO HAVE AN ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF, AND THE TOPOGRAPHY AS IT RELATES TO

RESUMED TO BE THAT SHOWN IN THE

REQUIRED REINFORCEMENT FOR THE

THAT ANALYSIS SHA

COMPLETED AND AN INFORMATION) AND FOR CONSTRUCTION

ITHE SOIL CONDITIONS SHALL HAVE BEEN Y RECOMMENDATIONS RESULTING FROM LL HAVE BEEN PROVIDED TO THE

PRIOR TO THE SIGNING AND SEALING OF

THE STRUCTURAL PI

THE STRUCTURE IS P

THE SIZE ANI

P.E. # 56920 C.A. # 9542 NEW PORT RICHEY, FL. 34656 727-842-6100 rich@allenengineeringservices.com

(FOR A FOUR INCH THICK SLAB OR 25 PERCENT OF THE SLAB THICKNESS OTHERWISE) ARE TO BE PROVIDED ACROSS THE WIDTH AND LENGTH OF ANY FLOOR SLAB AT A DISTANCE NOT TO EXCEED 30 TIMES THE SLAB THICKNESS. FOR EXAMPLE FOR A FOUR INCH THICK SLAB, CONTRACTION JOINTS SHALL NOT EXCEED 10 FEET ON CENTER EACH WAY. THE CONTRACTION JOINTS ARE OPTIONAL FOR ONE AND TWO FAMILY RESIDENTIAL WHEN WELLDED WIRE FABRIC OR FIBERMESH ARE USED IN THE FLOOR SLAB.

A. MANUFACTURED WOOD TRUSSES
B. THE MANUFACTURED FLOOR TRUSS FRAMING PLAN
CONTAINED HEREIN IF THE FOR THE OLE PURPOSE OF
ILLUSTRATING THE DESIGN INTENT AND FOR PLANNING TO BE
USED BY THE TRUSS COMPONENT AND
I. FLOOR JOISTS ARE SIZED BASED ON THE SOUTHERN PINE
COUNCIL SPAN TABLES FOR NO. 2 GRADE DIMENSIONAL LUMBER. FLOOR JOISTS FOR EXTERIOR DECKS SHALL BE PRESSURE

FOR ALL WOOD FLOORS

TREATED

L. THE TRUSS TO WALL CONNECTIONS ARE IDENTIFIED ON THE FLOOR FRAMING PLAN. A STRUCTURAL WOOD BAND JOIST IS TO BE PROVIDED ON

THE EXTERIOR PERINETER OF ALL BOTTOM BEARING FLOOR TRUSSES AND JOISTS. THE STRUCTURAL BAND JOIST IS TO BE FASTENED TO EACH END OF A FLOOR TRUSS OR JOIST WITH A SIMPSON L50 BRACKET USING SIMPSON SHORT 10D COMMON

III. FLOOR TRUSSES OR JOISTS BEARING ON WOOD WALLS
ARE TO BE SET WITH A MINIMUM OF THREE 10D COMMON NAILS
(TOE NAILED) TO THE TOP PLATE OF THE WALL.
IV. A MOISTURE BARRIER SHALL BE INSTALLED BETWEEN ANY
UNTREATED WOOD TRUSSES OR JOISTS AND CONCRETE OR NAILS.

V. LEDGERS/NAILERS SHALL BE FASTENED TO WOOD STUDS OR BAND JOISTS (NOT SHEATHING) WITH A MINIMUM OF 2-3/8" X 5 ½" LAG BOLIS WITH WASHERS AT EACH STUD INTERSECTION OR 16 INCIES ON CENTER AND SHALL CONSIST OF PRESSURE TREATED LUMBER 2 PLY 1 ½" THICK BY A HEIGHT AS SHOWN IN THE PLANS, FOR CONCRETE OR MASONRY WALLS THE MASONRY

FASTENERS SHALL BE 5/8 INCH BY 5 ½ INCH SIMPSON TITEN HD CONCRETE BOLTS. FLOOR BEAMS

1. BEAMS SUPPORTING FLOOR TRUSSES AND JOISTS ARE TO BE ATTACHED AS SPECIFIED IN THE FLOOR FRAMING PLAN 2. UNDER NO CIRCUMSTANCES ARE THERE TO BE BUTT JOINTS BETWEEN THE BEARING PINTS OF ANY PLY OF A MULTIPLE BEAM. THE PLIES ARE TO BE CONTINUOUS BETWEEN BEARING POINTS

3. MULTIPLE BEAMS CONSISTING OF MANUFACTURED WOOD (E.G. GLULAM, MICROLAM) ARE TO HAVE THE INDIVIDUAL PLIES INTERCONNECTED AS REQUIRED BY THE MANUFACTURER'S SPECIFICATIONS.

4. MULTIPLE BEAMS CONSISTING OF DIMENSIONAL LUMBER

GRAVITY LOADS GREATER THAN 3000 LBS.

6. BASE PLATES SHALL BE FASTENED TO MONOLITHIC FOOTINGS WITH 5/8 INCH BY 8 INCH ANCHOR BOLTS OR SIMPSON TITEN HD CONCRETE BOLTS OF THE SAME SIZE AT 24 INCHES ON CENTER, ALL CONNECTIONS SHALL BE MADE WITH 3 INCH SQUARE BY 1.8 INCH THICK WASHERS.

7. BASE PLATES BEARING ON WOOD SHALL BE FASTENED.

LOADS OF UP TO 3000 LBS.

S. STEEL TUBE COLUMNS SHALL BE INSTALLED IN THE WALL DIRECTLY BENEATH GIRDERS AND BEAMS HAVING

3. THE WOOD STUDS SHALL HAVE A SIMPSON SP2 AT THE TOP PLATE AND A PROPERLY SIZED SPH FOR THE BOTTOM PLATE (E.G. 4" STUD WALL = SPH4, 6" STUD WALL = SPH6)

4. A 3 STUD PACK SHALL BE INSTALLED DIRECTLY BENEATH BEARING POINTS OF ALL GIRDERS AND BEAMS HAVING GRAVITY

A. FOR TWO PLY BEAMS – ONE ROW OF 10D GALVANIZED COMMON NAILS AT 6" O.C, ON EACH SIDE OF THE BEAM.

B. FOR THREE PLY BEAMS – TWO ROWS OF 16D GALVANIZED HAVE THE INDIVIDUAL PLIES INTERCONNECTED AS

FOLLOWS:

7. BASE PLATES BEARING ON WOOD SHALL BE FASTENED
WITH 16D COMMON NAILS AT 8 INCHES ON CENTER THROUGH
ANY FLOOR SHEATHING AND TO UNDERLYING LUMBER (NOT
SHEATHING ONLY AND USE BLOCKING AS NEEDED TO MAINTAIN
NAILING SPACING REQUIREMENT.

8. FOR EXTERIOR LOAD BEARING WALLS, EACH STUD
ABOVE THE BASE PLATE SHALL BE FASTENED TO THE
UNDERLYING BAND JOIST OR BEAM WITH A SIMPSON LSTA 18
STRAP. FOR THIS SITUATION THE SIMPSON SPH BRACKET TO THE
BASE PLATE MAY BE OMITTED.

9. FOR INTERIOR LOAD BEARING WALLS, ½ INCH ALL THREAD ROD SHALL BE INSTALLED AT 32" O.C. FROM THE BASE PLATE THROUGH THE SHEATHING AND TOP PLATE OF UNDERLYING SUPPORTING WALL. ALL CONNECTIONS SHALL

INCLUDE A STANDARD 3 INCH SQUARE WASHER.

10. HEADER BEAMS SHALL BE SIZED ACCORDING TO THE ENCLOSED HEADER SCHEDULE AND FASTENED WITH A MINIMUM OF TWO SIMPSON LSTA 36 STRAPS OVER THE EACH END TO THE JACK STUDS BELOW. IN ADDITION, THE HEADER BEAMS SHALL BE FASTENED WITH A MINIMUM OF 3-10D COMMON NAILS (TOE NAILED ON EACH SIDE AT EACH END TO THE ABUTTING FULL LENGTH STUDS. NON-LOAD BEARING WALLS

I. WOOD STUDS IN WALLS SHALL BE SPACED AT 16 INCHES ON CENTER AND FASTENED TO THE TOP AND BOTTOM PLATES WITH A MINIMUM OF THREE 10D COMMON NAILS. NAILS

III. FLOOR SHEATHING SPECIFIED FOR SEALED EXTERIOR DECKS AND ITS INSTALLATION SHALL BE THE SAME AS THAT FOR INTERIOR APPLICATION EXCEPT PRESSURE TREATED AND THE FASTENERS SHALL BE GALVANIZED.

I. DECK FLOORING SHALL BE INDIVIDUALLY SPECIFIED ON ITHE FLOOR FRAMING PLANS AND SHALL BE FASTENED TO THE UNDERLYING PRESSURE TREATED JOIST WITH 3 – 3 INCH DECK SCREWS AT EACH FLOORING/JOIST INTERSECTION.

D. FLOOR SHEATHING:

1. ALL FLOOR SHEATHING IS TO BE 3/ INCH TONGUE AND GROOVE PLYWOOD RATED FOR FLOOR SHEATHING APPLICATION II. FLOOR SHEATHING SHALL BE FASTENED TO THE FLOOR TRUSSES/JOISTS WITH 10D RING SHANK NAILS AT 6" ON CENTER WITH CONSTRUCTION GRADE ADHESIVE.

C. FOR FOUR PLY BEAMS AND LARGER – TWO ROWS OF ½
INCH DIAMETER CARRIAGE BOLTS OR ALL THREAD ROD WITH
NUTS AND WISHERS SPACED AT 12 INCHES ON CENTER 2 INCHES
FROM THE TOP AND BOTTOM EDGES OF THE BEAM.

EACH SIDE OF THE BEAM

COMMON NAILS SPACED AT 6" O.C. (TOP AND BOTTOM) THRU

II. WALL CMU SHALL BE 8 INCH BY 8 INCH X 16 INCH IN SIZE OR 8 INCH X 8 INCH X 8 INCH FOR EDGE FINISHES.

III. CMU SHALL BE PLACED IN A RUNNING BOND AND THERE SHALL BE NO VERTICAL BUTT JOINTS EXCEPT AS SHOWN ON THE FLOOR PLAN FOR CONSTRUCTION JOINTS.

IV. REINFORCED FILLED CEILS AS SHOWN IN THE PLANS SHALL BE FILLED WITH A "FINE" GRADE GROUT, HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI, AND 8 TO 11 INCH SLUMP TO ENSURE CONSOLIDATION.

V. BOND BEAMS SHALL BE POURED WITH GROUT MONOLITHICALLY WITH THE FILLED WALL CEILS – NO COLD TOWNS L. CONCRETE MASONRY UNITS (CMU) SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI.

WALLS MASONRY

JOINTS.

CONTINUOUS BETWEEN THE MIDDLE AND BOTTOM 1/3 OF THE FOOTING HEIGHT AND END IN THE TOP COURSE OF THE BOND BEAM WITH A STANDARD 10 INCH 99 DEGREE BEND.

VII. HORIZONTAL REINFORCING STEEL SHALL BE VERTICAL STEEL REINFORCEMENT SHALL BE

CONTINUOUS, INCLUDING AROUND CORNERS.

"III. REINFORCING STEEL SPLICES SHALL CONSIST OF WIRE LAPS NO LESS THAN 40 TIMES THE STEEL BAR DIAMETER (E.G. 25 INCHES FOR #5 REBAR, 15 INCHES FOR #3 REBAR, AND 52 INCHES FOR #7 REBAR).

SECTION WOOD FRAME WALLS
WALL STUD SIZES ARE SHOWN IN THE TYPICAL WALL

1. WOOD STUDS IN WALLS SHALL BE SPACED AT 16 INCHES ON CENTER AND FASTENED TO THE TOP AND BOTTOM PLATES PER THE TOP PLATE SPLICE DETAIL, ALL LOAD BEARING STUDS TO BE SOUTHERN YELLOW PINE #2 GRADE OR BETTER.

2. LOAD BEARING WALLS SHALL HAVE A SINGLE BOTTOM PLATE (PRESSURE TREATED IN CONTACT WITH MASONRY OR CONCRETE) AND A DOUBLE TOP PLATE, SEE THE TOP PLATE SPLICE DETAIL FOR TOP PLATE NAILING AND SPLICING LOAD BEARING

INSTALLED IN PRESS GALVANIZED.

NON LOAD BE URE TREATED WOOD SHALL BE

3. BASE PLATES SWITH ¼ INCH BY 3 ¼ INCH BY 3 ¼ INCH BY 3 ½ INCH BY BOTTOM PLATE (PRESSURE TREATED) CONCRETE) AND A SINGLE TOP PLATE S SHALL BE FASTENED TO CONCRETE SLABS INCH TAPCON SCREWS AT 12" ON CENTER. ON WOOD SHALL BE FASTENED WITH 16D INCHES ON CENTER. SARING WALLS SHALL HAVE A SINGLE SSURE TREATED AGAINST MASONRY AND

C. SHEATHING

ARCHITECTURAL, FINI (NOMINAL) 4 PLY PLY GLUE. PLYWOOD SHI EXTERIOR WA ALL SHEATHING COVERED BY AN IISH SHALL BE MINIMUM 7/16 INCH THICK WOOD MANUFACTURED WITH EXTERIOR

2. THE LONG SIDE OF THE SHEATHING SHALL BE INSTALLED PERPENDICULAR TO THE WALL STUDS.

3. FASTEN TO STUDS AND BLOCKING WITH 8D RING SHANK NAILS AT 4 INCHES ON CENTER ALL LOCATIONS.

TUDS AND BLOCKING WITH 8D RING SHANK IN CENTER ALL LOCATIONS. TO THE REGULAR FASTENING, A 2ND ROW DAT THE DOUBLE TOP PLATE AND TO THE

4. IN ADDITION SHALL BE INSTALLED (E.G. SILL PLATE, BAY WOOD MEMBER ON AN EXTERIOR WALL

5. FOR PLYWOOD SHEATHING COVERED WITH A CEMENTITIOUS EXTERIOR FINISH, ALL BUTT JOINTS NOT ON WALL STUDS SHALL BE BLOCKED WITH 2X BLOCKING TOE WALLED AT EACH END TO THE WALL STUDS WITH 3-8D COMMON

I. ARCHITECTUR. CEMENTITIOUS COATI HERE ONLY FOR THE P THE WALL SYSTEM II ARCHITECTURAL FINISHES RAL WALL FINISHES, SUCH AS STUCCO, TINGS, SIDING OR PAINT ARE MENTIONED PURPOSE OF UNDERSTANDING THAT THEIR ARTICLE BOARD SHEATHING WILL RESULT IGTH AND MAY REQUIRE A REDESIGN OF A REQUEST OR SUBSTITUTION IS MADE.

INSTALLATION AND ASSOCIATED DETAILS ARE NOT THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

I. MASONRY COPILASTER CONCRET PLACE BY STIRRUPS SPACED AT 12 INCHES ON CENTER VERTICALLY. CONCRETE. COLUMNS SHALL BE CONSTRUCTED OF ITE BLOCK OR FORMED AND POURED. WALL BE USED FOR MASONRY COLUMNS.

NEXT STEEL SHALL BE GRADE 60 AND HELD IN SEED AND LECTORS. /MASONRY COLUMNS

III. PILASTER BLOCK COLUMNS SHALL BE FILLED WITH A FINE GROUT HAVING A MINIMUM OF COMPRESSIVE STRENGTH OF 3,000 PSI FORMED AND POURED COLUMNS SHALL CONSIST OF A UM OF 3,000 PSI CONCRETE, OR IN AREAS OF HIGH PILASTER B

THERE BE A BREAK COLUMN EXCEPT AT INSTALLATION OF A MINIMUM OF 3,000 P CHLORIDES SUCH A: WATER, THE MINIMU FOUNDATION OR A ALL MASON RY COLUMNS SHALL BEGIN AT THE
TA MONOLITHIC FOOTING, IN NO CASE SHALL PSI CONCRETE, OR IN AREAS OF HIGH NS NEAR THE COAST OR BODIES OF SALT IUM SHALL BE 5,000 PSI. A COLD JOINT IN THE GROUT OF A FOOT FROM THE TOP IN PREPARATION FOR

VI. METAL CONN HOLDING WOOD BEA THE MINIMUM EMBE THE CONNECTOR AS B. WOOD COLU EDMENT OF THE ASSOCIATED FASTENER FOR SHOWN IN THE PLANS. VECTORS AT THE TOP OF THE COLUMN FOR AMS OR GIRDERS SHALL BE INSTALLED WITH

GRADE PRESSURE TRE ALL LOAD BEARING WOOD COLUMNS SHALL BE A MINIMUM OF #2

II DIMENSIONAL WOOD COLUMNS OF 4 INCHES BY 4 INCHES IN CROSS SECTION SHALL BE ONLY BE USED FOR SUPPORTING OPEN WOOD DECKS WHERE THE FLOOR HEIGHT ABOVE THE FLOOR BELOW IS 8 FEET OR LESS. ALL OTHER DIMENSIONAL WOOD COLUMNS SHALL BAVE A MINIMUM CROSS SECTION OF A MINIMUM OF 6 INCHES BY 6 INCHES.

III METAL CONNECTORS AT THE BASE AND THE TOP OF WOOD COLUMNS SHALL BE OF THE TYPE THAN RESISTS LATERAL LOADS AS WELL AS UPLIFF AND GRAVITY LOADS. IN NO CASE SHALL FLAT STRAPS BE USED UNLESS SPECIFICALLY SHOWN IN THE FRAMING PLANS OR CROSS SECTION DETAILS.

STRUCTURAL ENGINEER NOTES



DEEB FAMILY HOMES, LTD. 9400 RIVER CROSSING BLD.

NEW PORT RICHEY, FL. 34655

727-376-6831

PLAN DATE

10-19-12

LOT 2 **SUMMERDALE** CLEARWATER, FL. A.E.C.S. # 12091

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR TRUCTURE ONLY SIGNED

UNIT-2054

ALLEN ENGINEERING & CONSTRUCTION SERVICES RICH ALLEN PROFESSIONAL ENGINEER P.E. # 56920 C.A. # 9542

P.O. BOX 351 NEW PORT RICHEY, FL. 34656 727-842-6100 rich@allenengineeringservices.com

C. COMPOSITE COLUMNS

I. A COMPOSITE COLUMN HERE IS DEFINED AS A HOLLOW COLUMN CONSISTING OF ANY MATERIAL SPECIFICALLY DESIGNED BY ITS MANUFACTURER TO BE LOAD BEARING. ANY OTHER TYPE OF HOLLOW COLUMN IS CONSIDERED AN ARCHITECTURAL FINISH INTENDED TO FIT OVER A STRUCTURAL COLUMN AND ITS USE AND DETALLS OF INSTALLATION ARE NOT THE RESPONSIBILITY OF THE II. LOAD BEARING COMPOSITE COLUMNS ARE A MANUFACTURED PRODUCT SUBJECT TO THE DESIGN AND LOAD BEARING CAPACITY DETERMINED BY THE MANUFACTURER, A SHOP DRAWING OR LETTER FOR THE INSTALLATION OF THE COLUMN SHALL, BE PROVIDED BY THE STRUCTURAL ENGINEER TO SUPPLEMENT THE CONSTRUCTION PLANS AFTER THE SPECIFIC COLUMN AND MANUFACTURER HAVE BEEN IDENTIFIED. III. IN ALL CASES, THE COLUMN MANUFACTURER'S INFORMATION SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER BY THE CONTRACTING CLIENT OR HIS AGENT FOR REVIEW PRIOR TO ITS ACCEPTANCE FOR THE STRUCTURAL DESIGN. THE INFORMATION SHALL INCLUDE THE LATERAL AS WELL AS UPLIFT AND GRAVITY,

LOAD BEARING CAPACITIES.

D. STELL TUBE COLUMNS

I LOAD BEARING STEEL TUBE COLUMNS SHALL HAVE A MINIMUM

WALL THICKNESS OF 1/2 NYCH AND BE MADE OF STEEL WITH A

DESIGN YIELD STRENGTH OF 46 KSI UNLESS OTHERWISE SHOWN IN THE STRUCTURAL DESIGN.

II. THE SPECIFIC CONNECTION SCHEME SHALL BE SHOWN IN THE STRUCTURAL DESIGN WHERE THE STEEL TUBE COLUMN IS TO BE

ALUMINUM COLUMNS

1. LOAD BEARING ALUMINUM COLUMNS SHALL HAVE A MINIMUM WALL THICKNESS OF ¼ INCH.

11. ALL FASTENERS AND CONNECTORS FOR ALUMINUM COLUMNS SHALL BE STAINLESS STEEL OR MONEL TO AVOID CORROSION DUE TO DISSIMILAR METALS BEING IN CONTACT.

111. THE SPECIFIC CONNECTION SCHEME SHALL BE SHOWN IN THE STRUCTURAL DESIGN WHERE THE ALUMINUM COLUMN IS TO BE RESTALLED.

TO THE "TRUSS TO UNDERLYING STRUCTURE" CONNECTIONS.
THIS PLAN MUST BE PROVIDED TO THE STRUCTURAL ENGINEER
V. A RIDGE BRAM TERMINATING AT A GABLE END SHALL BE
SUPPORTED AS A MINIMUM BY A 3 STUD PACK COLUMN BEARING
ON THE UNDERLYING WALL OR BEAM.
1. TREATED LUMBER – DBL 1 1/2 INCH BY A HEIGHT AS
SHOWN IN THE PLANS. FOR CONCRETE OR MASONRY WALLS THE
FASTENERS SHALL BE 5 /8 INCH BY 5 ½ INCH SIMPSON TITEN HD

24. ROOF
A. MANUFACTURED WOOD TRUSSES
I. THE MANUFACTURED ROOF TRUSS FRAMING PLAN CONTAINED
HEREIN IS FOR THE SOLE PUIPOSE OF ILLUSTRATING THE DESIGN
INTENT AND FOR PLANNING TO BE USED BY THE TRUSS
COMPONENT AND TRUSS SYSTEM ENGINEER OF THE TRUSS
MANUFACTURER IN DEVELOPING THE ACTUAL ROOF TRUSS
SYSTEM DESIGN. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE
AS IT IS SUBJECT TO ENGINEERING AND MAY BE DIFFERENT

II. SLEEPERS SHALL BE FASTENED TO UNDERLYING ROOF TRUSSES OR RAFTERS (NOT SHEATHING) WITH A MINIMUM OF 2 – 3% INCH BY 3 ½ INCH LAG BOLTS WITH WASHERS AT EACH TRUSS OR RAFTER INTERSECTION AND NO GREATER THAN 24 INCHES ON CENTER AND SHALL CONSIST OF DIMENSIONAL LUMBER 1 ¼ INCH THICK BY A WIDTH AS SHOWN IN THE PLANS.

CONCRETE BOLTS

I. BEAMS SUPPORTING ROOF TRUSSES OR RAFTERS ARE TO BE ATTACHED AS SPECIFED IN THE ROOF FRAMING PLAN.

24. UNDER NO CIRCUMSTANCES ARE THERE TO BE BUIT JOINTS BETWEEN THE BEARING POINTS OF ANY PLY OF A MILTIPLE BEAM. THE PLIES ARE TO BE CONTINUOUS BETWEEN III. USE 2 INCH BY 4 INCH BLOCKING ATTACHED BETWEEN UNDERLYING STUDS, TRUSSES OR RAFTERS WITH A MINIMUM OF 3 IOD COMMON NAILS AT EACH END IN ORDER TO SATISFY THE ON CENTER SPACING FRO THE LEDGERS OR SLEEPERS.

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A. LEDGERS/SLEEPERS

I. LEDGERS/NAILERS SHALL BE FASTENED TO WOOD STUDS (NOT SHEATHING) WITH A MINIMUM OF 2 – 3/8INCH BY 5 ½ INCH LAG BOLTS WITH WASHERS AT BACH STUD INTERSECTION AND OGREATER THAN 16 INCHES ON CENTER AND SHALL CONSIST

SYSTEM.

EX. THE TRUSS MANUFACTURER SHALL PROVIDE ALL LATERAL BRACING REQUIREMENTS TO THE BUILDING CONTRACTOR. IF NOT, THE BUILDING CONTRACTOR. IF NOT, THE BUILDING CONTRACTOR IS TO NOTIFY THE STRUCTURAL ENGINEER FOR GUIDANCE.

X. IN ADDITION TO THE METAL CONNECTORS SHOWN IN THE TRUSS LAYOUT OF THE ORIGINAL PLANS, EACH TRUSS IS TO BE SET ON WOOD FRAME BEARING WALLS OR SILL PLATES WITH 3 - 10D COMMON NAILS (TOE-NAILED).

XI. A MOISTURE BARRIER IS TO BE INSTALLED BETWEEN UNTREATED WOOD AND CONCRETEMASONRY.

23.2. CONVENTIONAL FRAME

1 NA ADDITIONAL FRAME

BEARING POINTS.ROOF

VIII. III. THE TRUSS PLAN "SIGNED AND SEALED" BY THE DELEGATED ENGINEER SHALL BE PROVIDED TO AND PRIOR TO CONSTRUCTION OF THE UNDERLYING STRUCTURE AS THE STRUCTURAL ENGINEER RESERVES THE RIGHT TO MAKE STRUCTURAL CHANGES BASED UPON THE FINAL FLOOR TRUSS

THE TRUSS MANUFACTURER IS HEREBY SUBORDINATED TO THE BUILDING CONTRACTOR. LICENSED TRUSS COMPONENT AND TRUSS SYSTEM ENGINEER ACTING AS A DELEGATED ENGINEER AND WORKING THROUGH A TRUSS MANUFACTURER FOR THIS PURPOSE. THE SELECTION OF FROM THE FINAL DESIGN.

II. MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED BY A

L IN ADDITION TO THE METAL CONNECTORS SHOWN IN THE TRUSS LAYOUT OF THE ORIGINAL PLANS, EACH RAFTER IS TO BE SET ON WOOD FRAME BEARING WALLS OR SILL PLATES WITH 3-

PLIES INTERCONNECTED AS REQUIRED BY THE MANUFACTURER'S SPECIFICATIONS. II. MULTIPLE BEAMS CONSISTING OF MANUFACTURED (E.G. GLULAM, MICROLAM) ARE TO HAVE THE INDIVIDUAL

OF PRESSURE

ARE TO HAVE THE INDIVIDUAL PLIES INTERCONNECTED FOLLOWS: MULTIPLE BEAMS CONSISTING OF DIMENSIONAL LUMBER

BARRIER IS TO BE INSTALLED BETWEEN UNTREATED WOOD AND CONCRETE OR MASONRY.

III. COLLAR TIES ARE TO INSTALLED BETWEEN RAFTERS AT 25 OF THE RIDGE HEIGHT FROM WHERE THE RAFTERS BEAR ON WALLS. THE COLLAR TIES ARE TO BE FASTENED WITH A MINIMUM OF 4-16D COMMON NAILS (CLINCHED) AT EA LAP

INTENT OF THE ORIGINAL PLAN AND FOR ANY CHANGES TO THE "TRUSS TO THE UNDERLYING STRUCTURE" CONNECTIONS.

IV. AS PART OF THE REVIEW, THE STRUCTURAL ENGINEER WILL DETERMINE WHETHER THE TRUSS TO WALL-BEAM METAL.

CONNECTORS SHOWN IN THE ORIGINAL PLANS ARE ACCEPTABLE OR WHETHER THEY NEED TO BE CHANGED OR SUPPLEMENTED TO ACCOMMODIATE THE LOADS SHOWN IN THE TRUSS COMPONENT EACH RAFTER IS TO BE ATTACHED TO THE RIDGE BEAM WITH A LIGHT ANGLE HANGER AS SHOWN IN THE FRAMING PLAN. IN ADDITION, A FLAT METAL STRAP SHALL BE INSTALLED ACROSS THE RIDGE BEAM TO TWO OPPOSING RAFTERS REVIEWED BY THE STRUCTURAL ENGINEER FOR COMPLYING WITH THE DESIGN

V. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR VERIFYING THE DIMENSIONAL, ARCHITECTURAL. OR FORM ASPECTS OF THE TRUSS MANUFACTURER'S PLAN WITH THE ORIGINAL PLANS.
VI. THE MINIMALIM LIVE LOADS FOR THE ROOF TRUSS DESIGN IS TO BE BASED ON FBC 2010, SECTION 1607 FOR ROOF TYPE AND ROOFING MATERIAL.

II. THE DEAD LOADS ARE LISTED IN ITEM 16 ABOVE.

IX. ALL TRUSS TO TRUSS AND TRUSS TO GIBBER.

ALL TRUSS TO TRUSS AND THEM TO ABOVE.

IX. ALL TRUSS TO TRUSS AND TRUSS TO GROBER

CONNECTORS ARE TO BE SPECIFIED BY THE TRUSS

MANUFACTURER, INCLUDING CONNECTORS FOR TRUSS TO

MANUFACTURED BEAM (E.G., GLULAM OR MICKOLAM) SPECIFIED

BY THE TRUSS MANUFACTURER. A SPECIFIC HANGER MUST BE

SELECTED AND IDENTIFIED ON THE SIGNED AND SEALED

COMPONENT SHEETS FOR EACH LOCATION A HANGER IS

REQUIRED IN THE TRUSS SYSTEM.

IV. THE TRUSS PLAN SIGNED AND SEALED BY THE

DELEGATED ENGINEER SHALL BE PROVIDED TO AND REVIEWED

BY THE STRUCTURAL ENGINEER FOR COMPLYING WITH THE

DESIGN INTENT OF THE ORIGINAL PLAN AND FOR ANY CHANGES

RAFTERS.

25. PRECAST CONCRETE LINTELS

A. PRECAST AND PRESTRESSED CONCRETE LINTELS SHALL

BE MANUFACTURED BY CASTCRETE AND INSTALLED PER

MANUFACTURES SPECIFICATIONS AND INSTRUCTIONS

B. THE SIZE OF THE LINTELS SHALL BE BASED ON THE SPAN

B. THE SIZE OF THE ATTACHED LINTEL SCHEDULE UNLESS AND LOAD. REFER TO THE ATTACHED LINTEL SCHEDULE UTOTHER WISE SHOWN IN THE STRUCTURAL DESIGN FOR THE

2. FUK I'WO PLY BEAMS - ONE ROW OF 10D GAL VANIZED COMMON NAILS AT 6" O.C. ON EACH SIDE OF THE BEAM.

3. FOR THREE PLY BEAMS - TWO ROWS OF 16D GAL VANIZED COMMON NAILS SPACED AT 6" O.C. (TOP AND BOTTOM) THRU EACH SIDE OF THE BEAM

4. FOR FOLLY STATEMENT ST 4. FOR FOUR PLY BEAMS AND LARGER – TWO ROWS OF ½ INCH DIAMETER CARRIAGE BOLTS OR ALL THREAD ROD WITH NUTS AND WASHERS SPACED AT 12 INCHES ON CENTER 2 INCHES NUTS AND WASHERS SPACED AT 12 INCHES ON CEN FROM THE TOP AND BOTTOM EDGES OF THE BEAM.

SHEATHING

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L O.S.B. SHEATHING

1. ROOF SHEATHING COVERED BY COMPOSITE ROOFING
SHALL BE A MINIMUM OF 15/32 INCH THICK (NOMINAL) O.S.B.
MANUFACTURED WITH EXTERIOR GLUE.

2. ROOF SHEATHING COVERED BY TILE SHALL BE A
MINIMUM OF 5 / 8 INCH THICK (NOMINAL) MANUFACTURED WITH

3. THE LONG SIDE OF PERPENDICULAR TO THE R. 4. FASTENING SHALL EXTERIOR GLUE THE SHEATHING SHALL BE INSTALLED KOOF TRUSS SYSTEM
BE 8D RING SHANK NAILS AT 4" O.C
D.C. IN THE FIELD WITH A SETBACK OF

BOUNDRY & EDGES & 6" O.C. IN THE FIELD WITH A SETBACK OF 5'-0" FROM ALL EDGES.

5. METAL "H" CLIPS OR SOLID WOOD BLOCKING SHALL BE USED AT ALL UNSUPPORTED BUTT JOINTS BETWEEN TRUSSES OR

SPECIFIC LINTEL

C. LINTEL SCHEDULE U.N.O. ON PLANS:

I. SPAN UP TO 3" - 8F8-0B

II. SPAN +5" TO <6" - 8F8-0B

III. SPAN +6" TO >14" 8F16-1B/1T

26. FASTENERS / METAL CONNECTORS

A. ALL FASTENERS AND METAL CONNECTORS SHALL BE
MANUFACTURED BY SIMPSON STRONG TIE AND INSTRUCTIONS
THE MANUFACTURERS SPECIFICATIONS AND INSTRUCTIONS
B. THESE FASTENERS DO NOT INCLUDE TYPICAL NAILS AND
SCREWS WHICH MAY BE MANUFACTURED BY OTHERS.
C. FOLLOW ALL MANUFACTURERS SPECIFICATIONS AND
INSTRUCTIONS FOR ALL FASTENERS, METAL CONNECTORS,
SCREWS, NAILS ETC THAT ARE IN CONTACT WITH PRESSURE TREATED LUMBER.

27. DIMENSIONAL LUMBER

A. ALL WOOD FOR LOAD BEARING WALLS SHALL BE
A. ALL WOOD FOR LOAD BEARING WALLS SHALL BE
SOUTHERN YELLOW PINE #2 OR BETTER GRADE AND STAMPED BY
THE CERTIFYING AGENCY, IN ADDITION, ALL WOOD SHALL BE
PRESSURE TREATED FOR INTERIOR OR EXTERIOR USE WHERE
EXPOSED TO MOISTURE, PLACED WITHIN 12 INCHES OF SOIL OR IN
CONTACT WITH MASOURLY OR CONCRETE.

28. STRUCTURAL SHEATHING
A. ALL SHEATHING USED FOR EXTERIOR APPLICATIONS D. THE MINIMUM SPECIFIED GROUT COMPRESSIVE STRENGTH TO BE USED FOR LINTELS IS 3,000 PSI
E. THE REINFORCING STEEL SHALL BE ASTM GRADE 60
26. FASTENERS / METAL CONNECTORS

A. ALL SHEATHING USED FOR EXTERIOR APPLICATIONS SHALL BE EXTERIOR GRADE AND ADA STAMPED VERIFYING ITS

MASONRY

A. CONCRETE MASONRY UNITS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI
B. CONCRETE MASONRY UNITS SHALL CONFORM WITH AMERICAN CONCRETE INSTITUTE STANDARD 530.
C. MORTAR SHALL BE OF TYPE M OR S GRAY MORTAR 30. GROUT

A. ALL GROUT SHALL BE A FINE TYPE HAVING A MINIMUM COMPRESSIVE STRENCTH OF 3,000 PSI UNLESS SPECIFICALLY SHOWN OTHERWISE BY A MANUFACTURER PURSUANT TO GROUT USE WITH ITS PRODUCTS.

31.REINFORCING STEEL { GENERAL}

31.1 ALL REINFORCING STEEL SHALL BE ASTM GRADE 40 EXCEPT GRADE 60 SHALL BE USED FOR GRADE BEAMS, ALL LINTELS TYPES (E.G.,PRECAST AND FIELD FORMED), AND

STRUCTURAL ENGINEER NOTES



DEEB FAMILY HOMES, LTD. 9400 RIVER CROSSING BLD.

NEW PORT RICHEY, FL. 34655

PLAN DATE 10-19-12

LOT 2 **SUMMERDALE** CLEARWATER, FL. A.E.C.S. # 12091

I HEREBY CERTIFY THAT I HAVE
PERFORMED THE ATTACHED DESIGN
TO COMPLY WITH 145 MPH ULTIMATE
WIND LOADS AND IT IS IN COMPLIANCE
WITH SECT. 301 OF THE 2010 FLORIDA
RESIDENTIAL BY ILDING CODE
SEALED FOR SRUCTURE ONLY
SIGNED
RICHARY HALLEN, P.E. #16920

UNIT-2054

ALLEN ENGINEERING & CONSTRUCTION SERVICES RICH ALLEN PROFESSIONAL ENGINEER P.E. # 56920 C.A. # 9542

P.O. BOX 351 NEW PORT RICHEY,FL. 34656 727-842-6100 rich@allenengineeringservices.com

COLUMNS UNLESS OTHERWISE SHOWN IN THE STRUCTURAL

MATERIAL [GENERAL] 32. STRUCTURAL STEEL AND CONNECTION ACCESSORY

32.1 I-BEAMS, FORMED STRUCTURAL STEEL, FLAT BAR OR

PLATE SHALL BE ASTM GRADE A36 UNLESS STATED OTHER WISE.
32.2 ALL STRUCTURAL STEEL SHALL HAVE A MINIMUM OF
TWO COATS OF PRIMER AND TWO COASTS OF EPOXY AS A
CORROSION PREVENTIVE. THE BULLDING CONTRACTOR MAY
VARY FROM THIS SPECIFICATION WITH THE APPROVAL OF THE
STRUCTURAL ENGINEER IF IT CAN BE DEMONSTRATED ANOTHER
MEANS OF CORROSION CONTROL IS EQUALLY EFFECTIVE.
32.3 ALL WELDING OF STRUCTURAL STEEL SHALL BE MADE
WITH E60/70 TYPE ELECTRODES. THE DEPTH AND LENGTH FOR
THE WELD SHALL BE SPECIFIED IN THE STRUCTURAL DESIGN FOR
THE SPECIFIC CONNECTION.

33. VENTILATION [GENERAL]

33.1 THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR DETERMINING VENTILATION REQUIREMENTS OF CRAWL SPACES FLOORS, AND ATTICS NOR THE MEANS AND METHODS FOR IMPLEMENTING THESE REQUIREMENTS. SPACES,

34. WATERPROOFING [GENERAL]:

STRUCTURAL ENGINEER DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER. 34 CRICKETS] ARE ASSOCIATED WITH ARCHITECTURAL FINISHES AND ARE NOT THE RESPONSIBILITY OF THE 34.1 ANY RENDERING OR NOTES OF WATERPROOFING MEASURES FOR BASEMENTS OR HALF-BASEMENTS SHOWN IS THESE PLANS WHERE A SPECIFIC CONSTRUCTION DETAIL IS NOT SHOWN IN THE STRUCTURAL DESIGN IS AN ARCHITECTURAL ILLUSTRATION ONLY AND IS NOT PART OF THE STRUCTURAL ILLUSTRATION ONLY AND IS NOT PART OF THE STRUCTURAL

35. FIRE RESISTANT DESIGN [GENERAL]

35.1 FIRE RESISTANT DESIGN OF STRUCTURAL ELEMENTS SHALL BE INCIDENTAL TO THEIR STRUCTURAL DESIGN AND SHALL BE BASED ON UNDERWRITER'S LABORATORY OR GYPSUM ASSOCIATION DESIGN FOR FIRE RATED FLOOR, WALL, AND ROOF

36. FLOOD RESISTANT DESIGN [GENERAL]:

36.1 FLOOD RESISTANT DESIGN OF STRUCTURAL ELEMENTS SHALL BE INCIDENTAL TO THEIR STRUCTURAL DESIGN AND SHALL BE BASED ON THE REQUIREMENTS STATED IN TITLE 44 CFR SECTIONS 59 AND 60, AND ON THOSE OF THE INDIVIDUAL COMMUNITY RATING AGENCIES FOR THE GOVERNMENTAL JURISDICTION WHERE THE CONSTRUCTION IS TO BE DONE.

36.2 HOWEVER, THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR IDENTIFYING AND SHOWING ON THE PLANS THE FLOOD ZONE CATEGORY, BASE FLOOD ELEVATION, AND THE FLOOR AND STORY HEIGHTS OF THE BUILDING IN RELATION TO THE BASE FLOOD ELEVATION. THIS INFORMATION IS

37. SPECIAL CONSTRUCTION {GENERAL}:

CONSIDERED ARCHITECTURAL AND SITE RELATED AND SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER BY THE CONTRACTING CLIENT OR HIS AGENT..2 WATERPROOFING MEASURES ABOVE GRADE [E.G., FLASHING, CAULKING, SHAPE, AND LOCATION OF

37.1 ALUMINUM STRUCTURAL ALUMINUM COLUMNS.
I. ANY ALUMINUM STRUCTURES SHOWN IN THESE
PLANS SUCH AS PORCH AND POOL ENCLOSURES OR GUARDRAILS
AND HANDRAILS ARE FOR ARCHITECTURAL ILLUSTRATION ONLY
AND ARE NOT PART OF THE STRUCTURAL DESIGN OR THE

RESPONSIBILITY OF THE STRUCTURAL ENGINEER.
II. WHERE THE ALUMINUM, STRUCTURE ATTACHES TO THE MAIN STRUCTURE OR IS INCORPORATED IN THE MAIN STRUCTURE, SHOP DRAWINGS FOR THESE STRUCTURES SHALL BE EFFECT ON THE MAIN STRUCTURE.
37.2 SWIMMING POOLS PROVIDE TO THE STRUCTURAL ENGINEER TO DETERMINE THEIR

I. ANY SWIMMING POOLS OR HOT TUBS SHOWN IN THESE PLANS ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

17.3 FENCES AND RETAINING WALLS
I. ANY RENDERINGS OF FENCES, RETAINING WALLS, OR
EXTERIOR PLANTERS SHOWN IN THESE PLANS WHERE A SPECIFIC
STRUCTURAL DETAIL IS NOT SHOWN FOR THEIR CONSTRUCTION
ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE NOT
PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF

THE STRUCTURAL ENGINEER

37.4 DRIVEWAYS AND SIDEWALKS

1. ANY DRIVEWAYS OR SIDEWALKS SHOWN IN THESE
PLANS ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE
NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY
OF THE STRUCTURAL ENGINEER. STRUCTURES OTHER THAN

	in the second second	
	X	Flood Zone:
	Flood Design Data	Flood
2,000 psf		Design Soil Load-Bearing Capacity:
	Geotechnical Information	Geotechni
	rida Building Code.	per Section 1609.1.2 of the 2010 Florida Building Code
id-borne debris as	be protected from wir	All exterior glazed openings shall be protected from wind-borne debris as
,		Cladding Pressures.
omponent and	ed to determine these (The Nominal Wind Speed was used to determine these Component and
-21.2 psf min.	19.0 psf max.,	16' Wide O/H Dr.:
-22.4 psf min.	19.8 psf max.,	9' Wide O/H Dr.:
-30.2 psf min.	22.6 psf max.,	Zone 5:
-24.5 psf min.	22.6 psf max.,	Zone 4:
	ndows:	Stucco, Cladding, Doors and Windows:
-70.8 psf min.	Roofing at Zone 3 Overhangs:	Roofing at
-42.1 psf min.	Roofing at Zone 2 Overhangs:	Roofing at
-53.2 psf min.	16.0 psf max.,	Roofing Zone 3:
-36.0 psf min.	16.0 psf max.,	Roofing Zone 2:
20.7 psf min.	16.0 psf max.,	Roofing Zone 1:
		Components and Cladding:
0.18 +/-	0.	Internal Pressure Coefficient:
Enclosed	Ē	Enclosure Classification:
No. of Particular	В	Wind Exposure:
	П	Risk Category:
112 mph	11	Nominal (Basic) Wind Speed:
145 mph		Ultimate Wind Speed:
	Wind Design Data	
	20 psf	Roofs: 20
	40 psf	Garage: 40
	40 psf	All Other Rooms: 40
	30 psf	Habitable Attics, Bedroom: 30
	20 psf	Uninhabitable Attics: 20
	r loor and Koof Live Loads	r loor and l

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19.2 psf max., -23.5 psf min.	2 -	25	4	100 sqft zone 5	5
	2	12.5	4	50 sqft zone 5	5
	2	10	4	40 sqft zone 5	
	. 2	7.5	4	30 sqft zone 5	ŀ
21.6 psf max., -28.2 psf min.	2	5	4	20 sqft zone 5	1.
22.6 psf max., -30.2 psf min.	2	2.5	4	10 sqft zone 5	1
- 1					Ī
ı	10	10	10	100 sqft zone 4	4
	10	10	5	50 sqft zone 4	4
	10	8	5	40 sqft zone 4	4
	10	6	5	30 sqft zone 4	4
	10	5	4	20 sqft zone 4	4
22.6 psf max., -24.5 psf min.	10	3.3	3	10 sqft zone 4	4
					Γ
	s	2	2	Fixed Glass Window - examp	ω
20.7 psf max., -23.2 psf min.	6	6.67	6	Sliding Glass Door - example	2
21.4 psf max., -23.3 psf min.	12	8	3	Entry Door -example	<u> </u>
Design Pressure Requirements	Corner	Height	Width	Description	No.
	Distance from	Opening	Opening		
	w Openings	Door and Window Openings	Doo		Γ

WIND LOAD DESIGN DATA



DEEB FAMILY HOMES, LTD. 9400 RIVER CROSSING BLD.

NEW PORT RICHEY, FL. 34655

727-376-6831

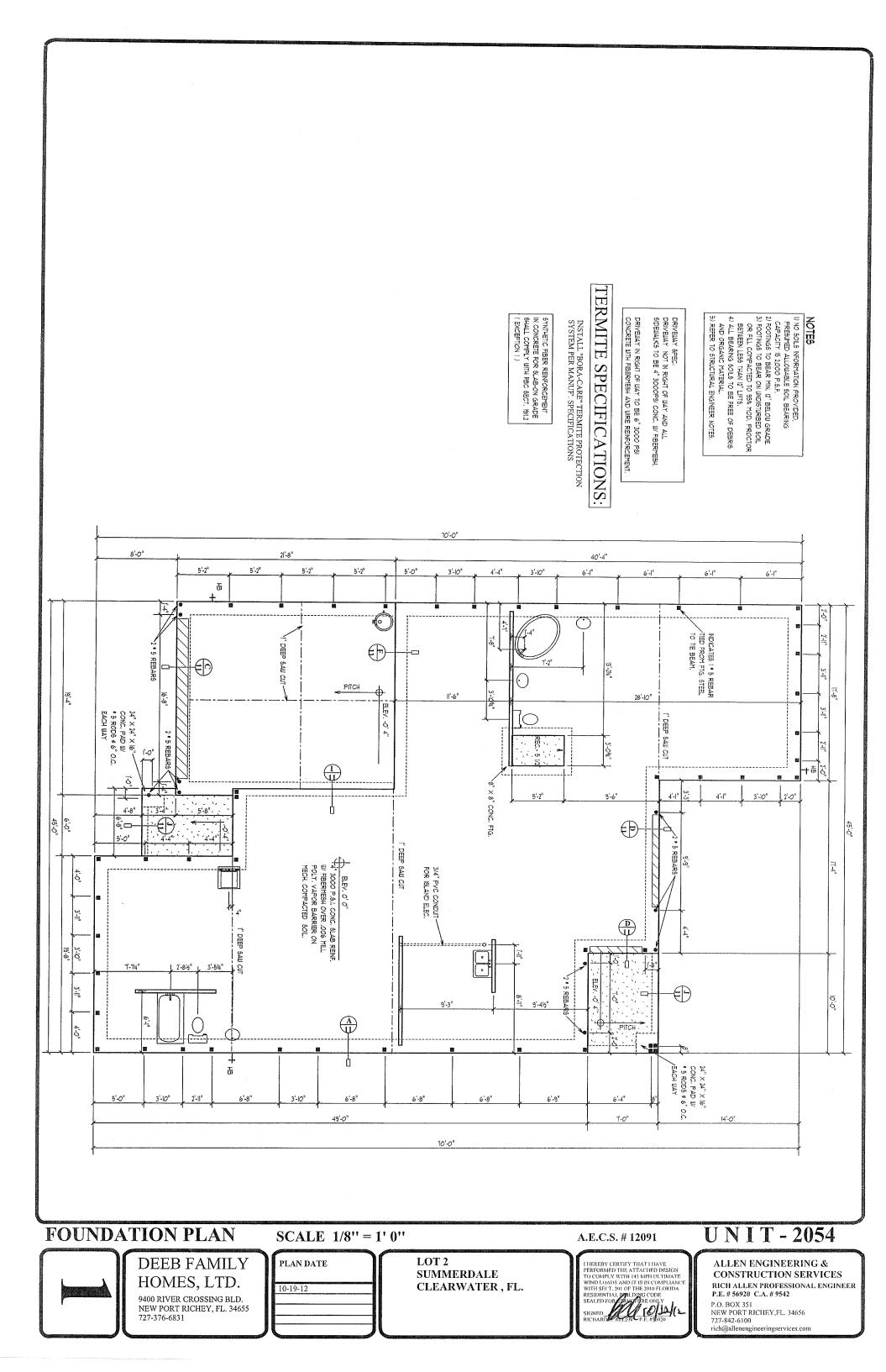
PLAN DATE 10-19-12

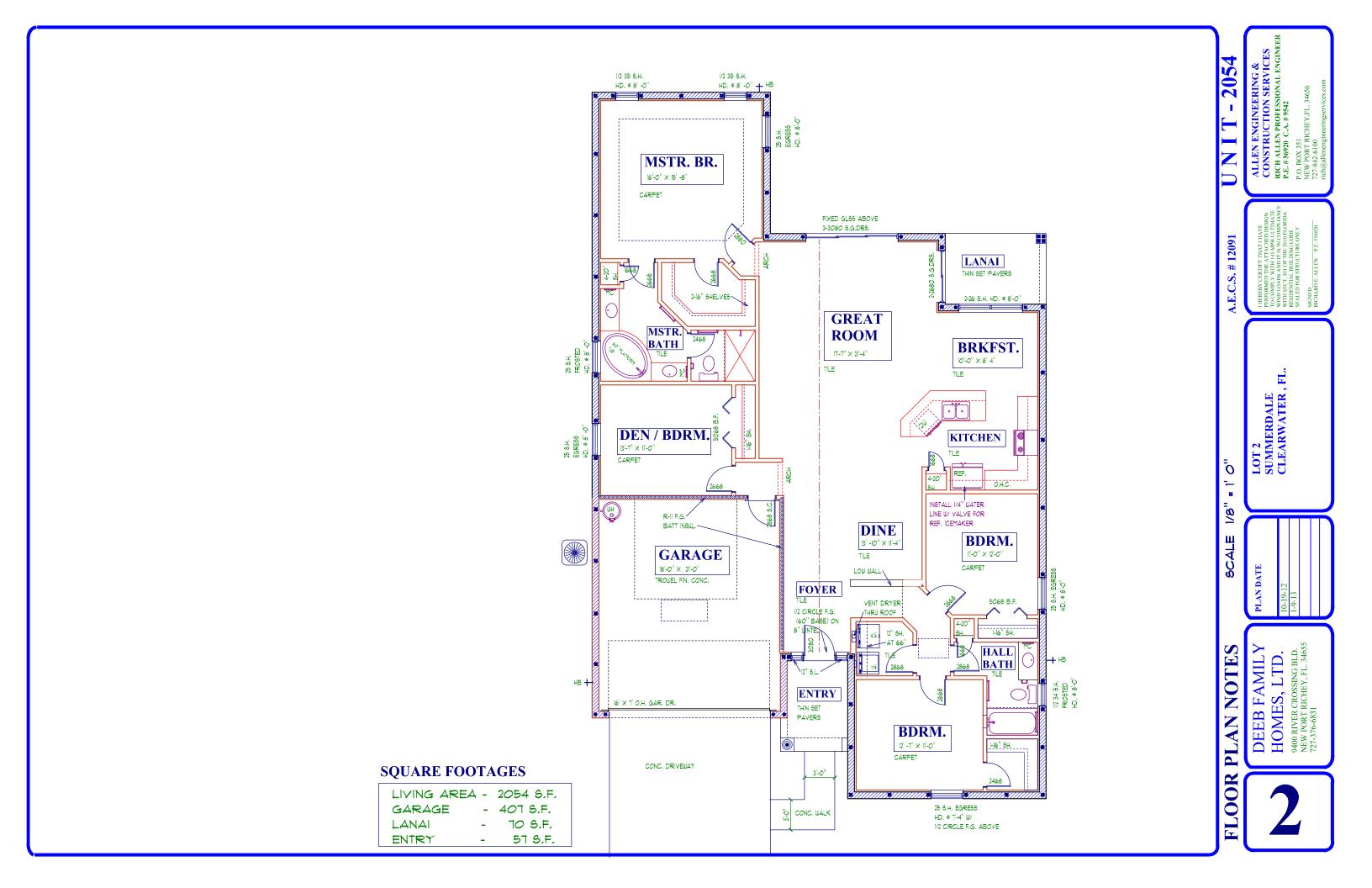
LOT 2 **SUMMERDALE** CLEARWATER, FL. A.E.C.S. # 12091

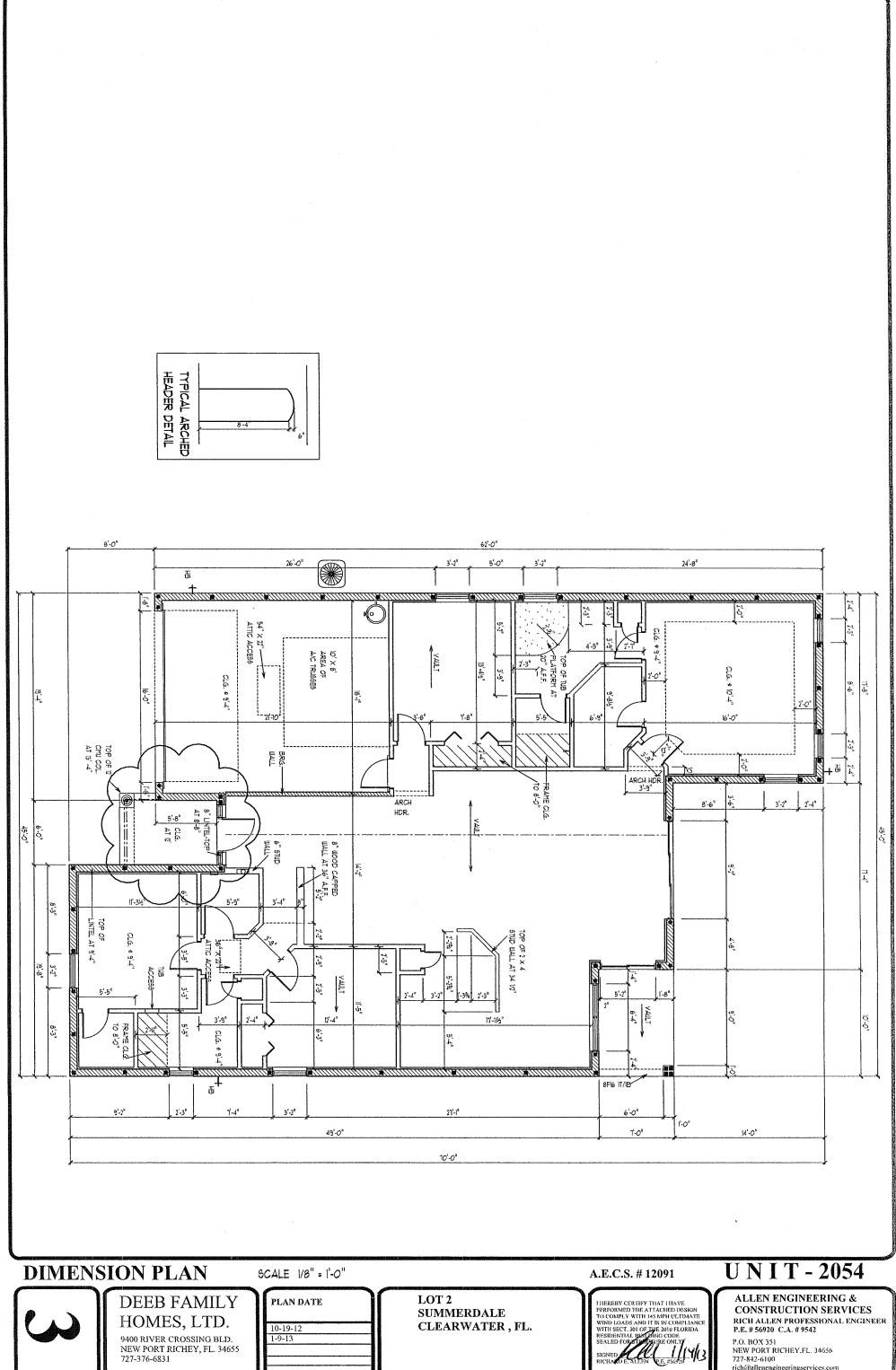
HEREBY CERTIEY THAT I HAVE HIERBY CERTIFY THAT HAVE
PERFORMED THE ATTACHED DESIGN
TO COMPLY WITH HS MPH ULTIMATE
WIND LOADS AND IT IS IN COMPLIANCE
WITH SECT. 301 OF THE 2010 FLORIDA
RESIDENTIAL BUILDING CODE
SEALED FOR BUY FUR ONLY
RICHARIYE TALEN P.E. #56920 UNIT-2054

ALLEN ENGINEERING & CONSTRUCTION SERVICES RICH ALLEN PROFESSIONAL ENGINEER P.E. # 56920 C.A. # 9542

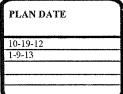
P.O. BOX 351 NEW PORT RICHEY,FL. 34656 727-842-6100 rich@allenengineeringservices.com



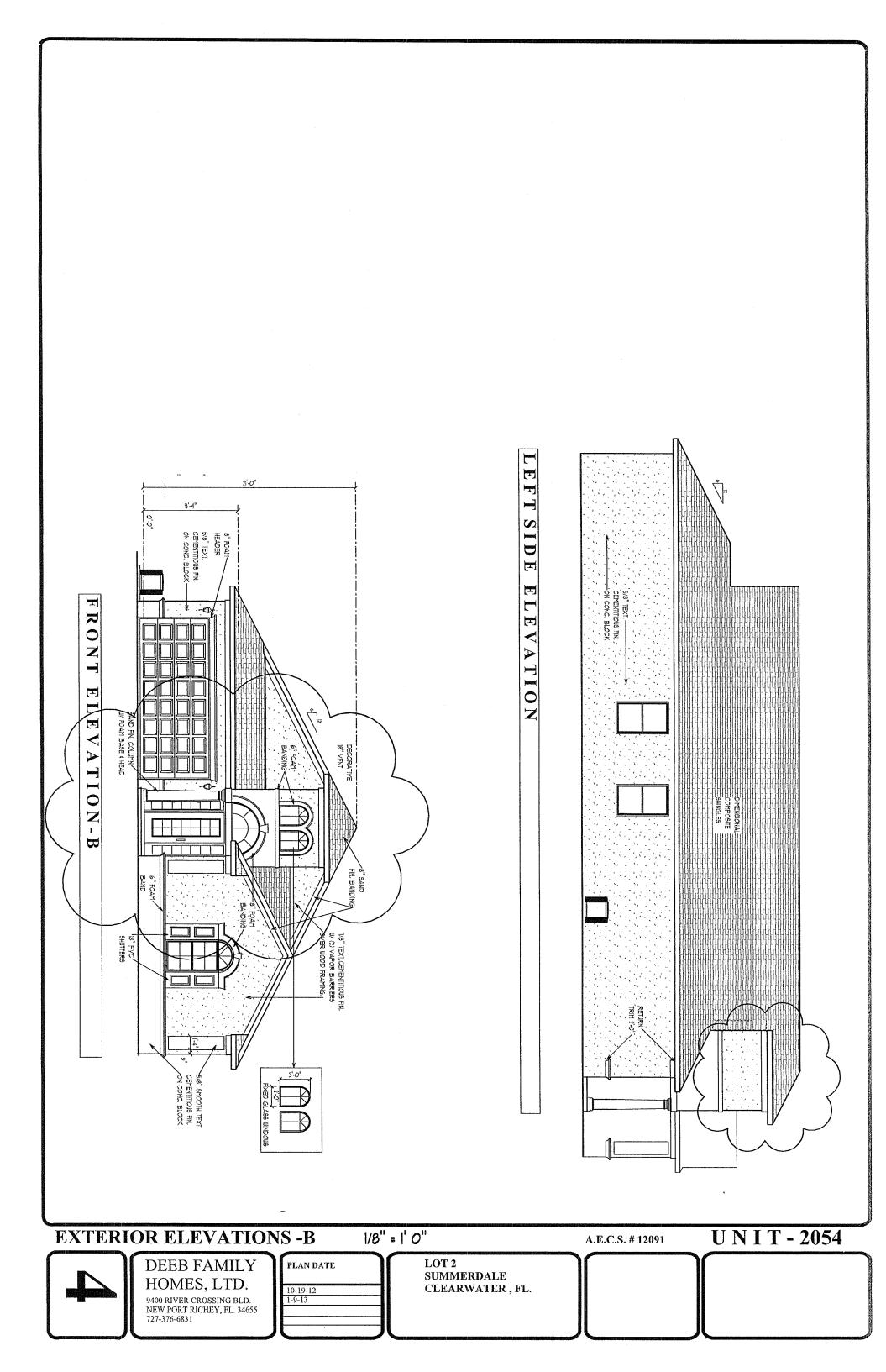


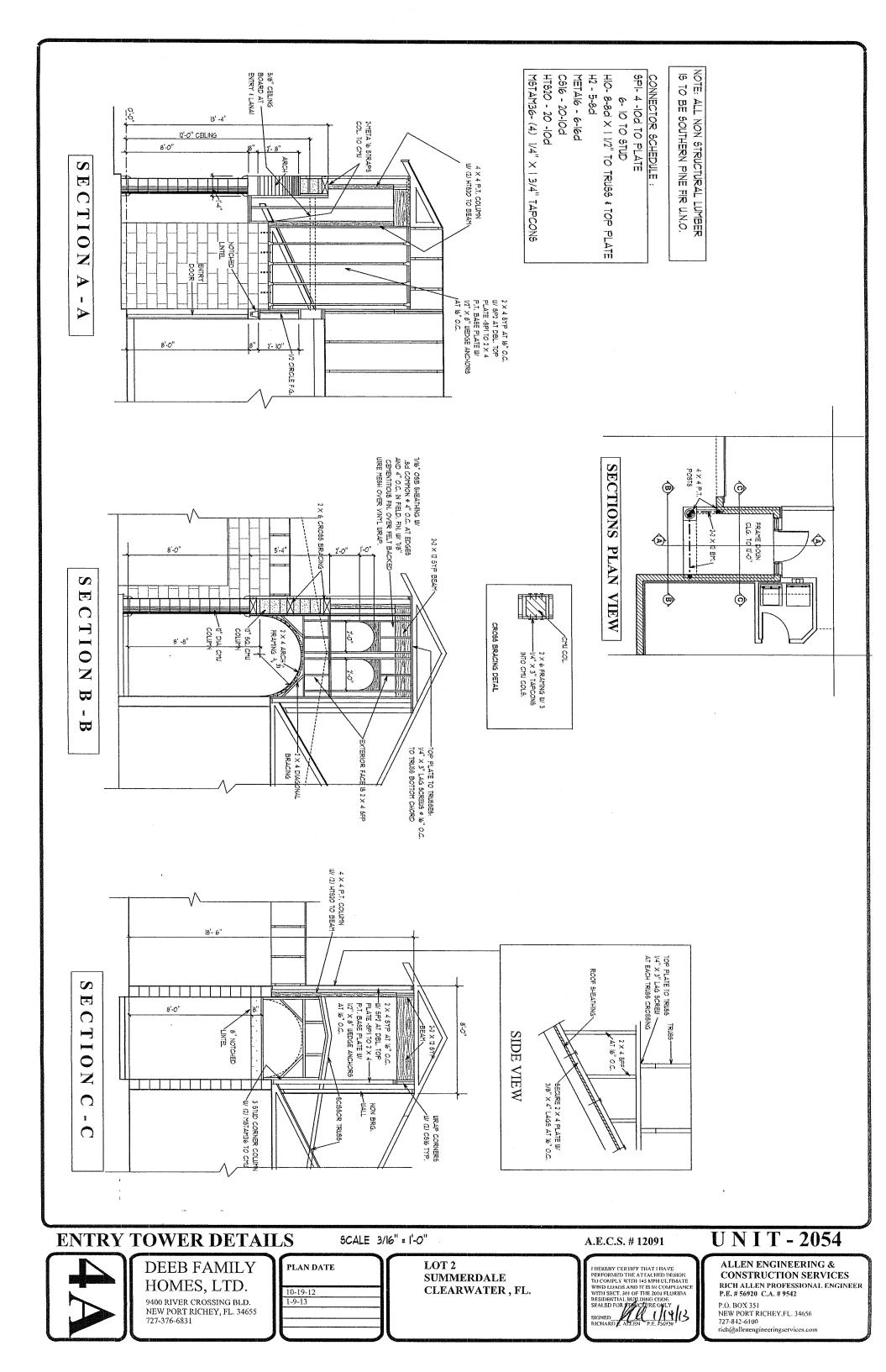


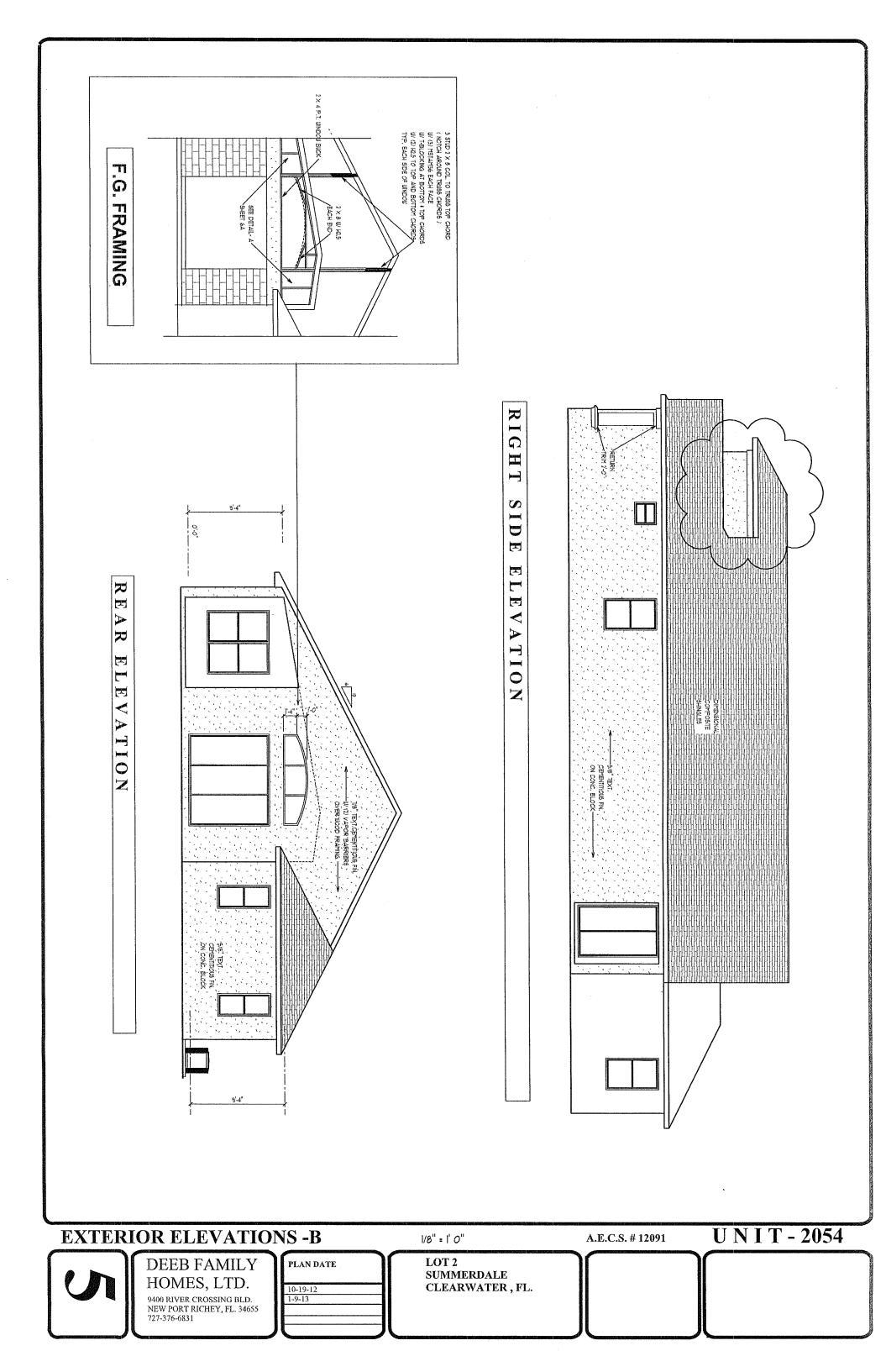
HOMES, LTD.
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655 727-376-6831

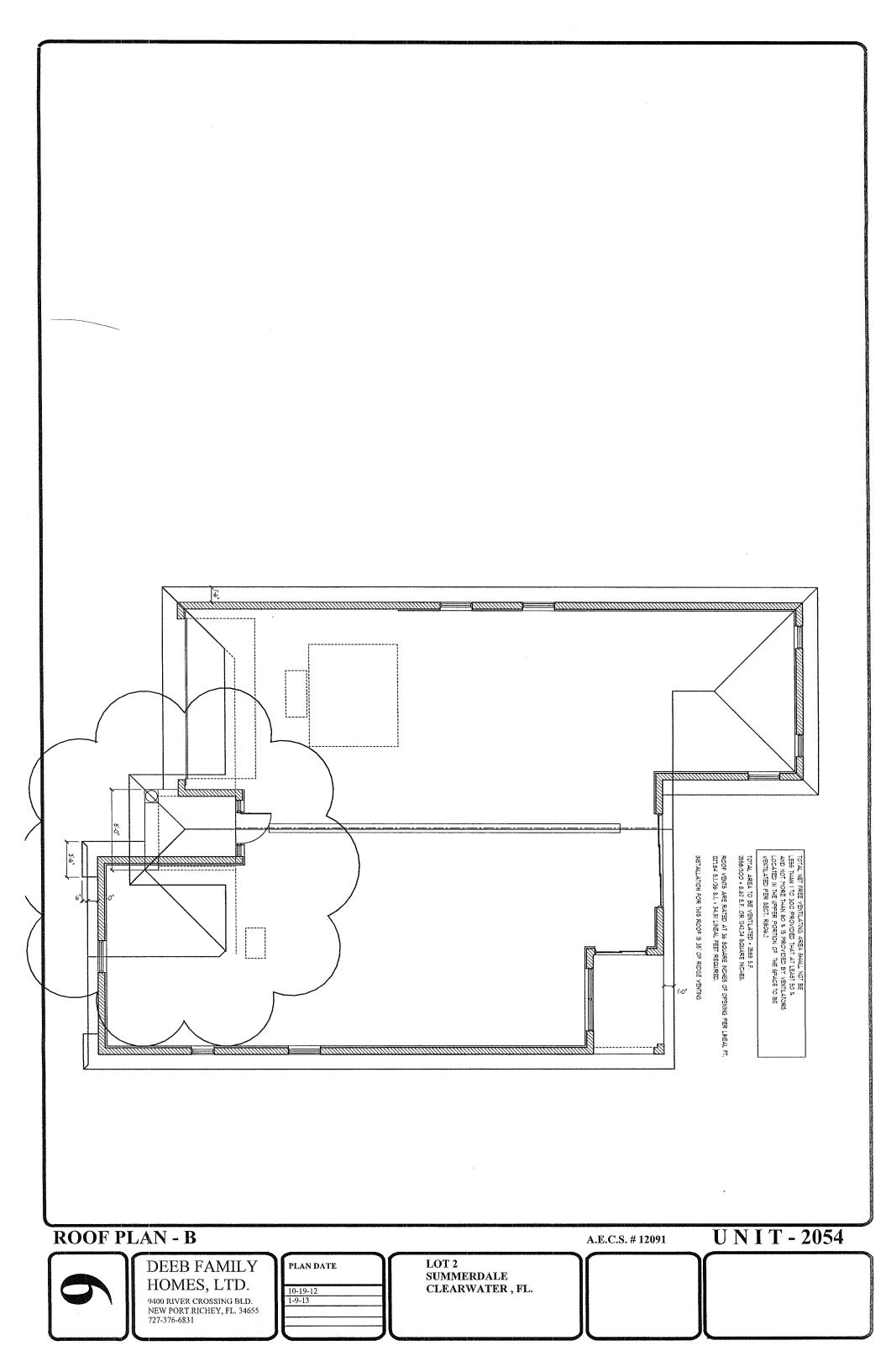


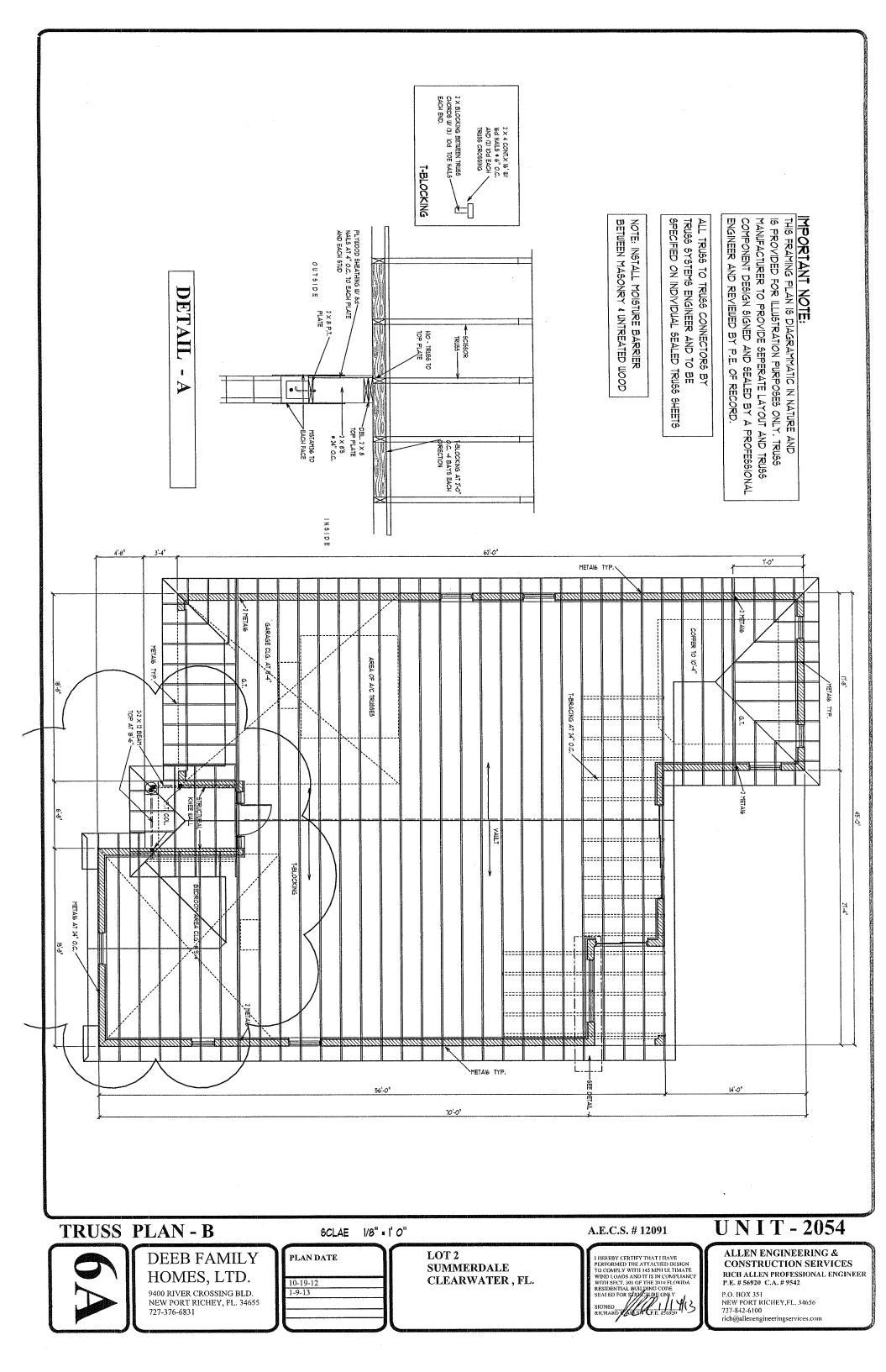
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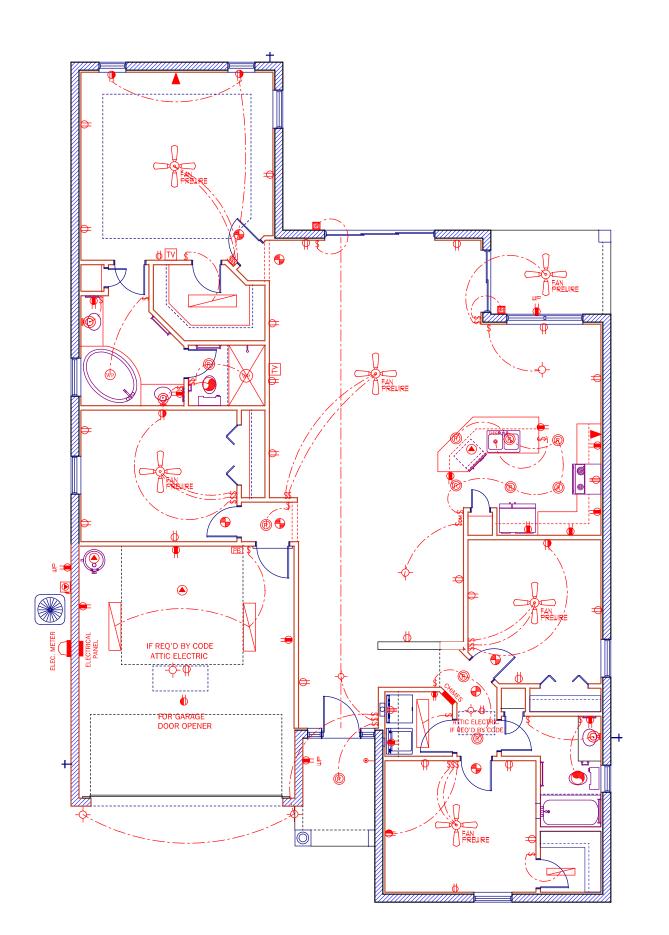
I, ELECTRICAL OUTLET HEIGHTS MEASURED FROM FINISHED FLOOR TIO CENTERLINE OF THE BOX TO BE 12" A.F.F. (GENERAL)

KITCHEN 42" HORIZONTAL BATHROOM 42" HORIZONTAL

36" WASHER/ 24" DRYER/ WALL OUTLETS 45" LAUNDRY

EXTERIOR WATERPROOF @ 12" GARAGE GFI @ 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 RESPONSIBILE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL, WIRING & ACCESSORIES.
- 5. SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, SECTION 907.2
- , PROVIDE AFCI (ARC FAULT INTERRUPTERS) IN ALL BEDROOMS PER NEC, SECTION 210-12
- ALL RECEPTICALS TO BE TAMPER PROOF PER SECT. 406.11



TRICAL PLAN

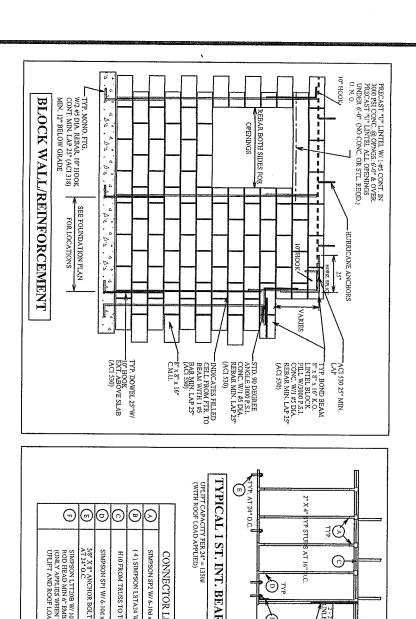
ELEC

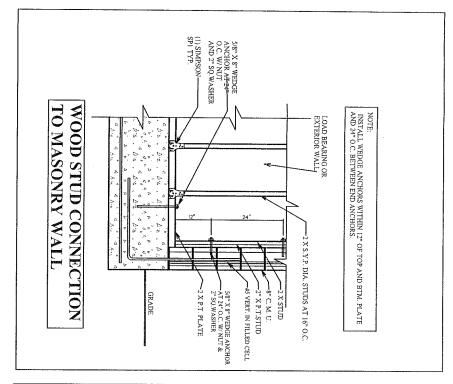
HOMES, LTD. 9400 RIVER CROSSING BLD. NEW PORT RICHEY, FL. 34655 DEEB FAMILY

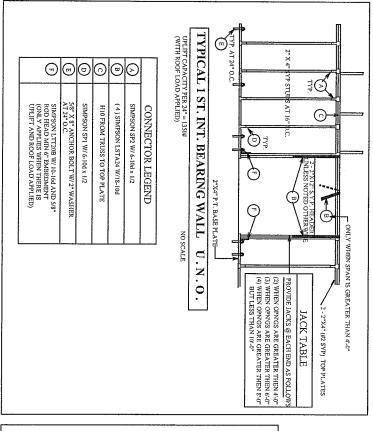
LOT 2 SUMMERDALE CLEARWATER, FL.

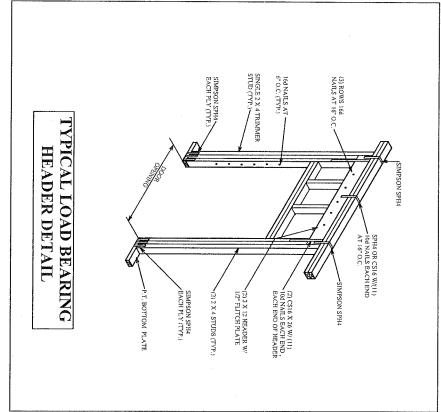
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12091

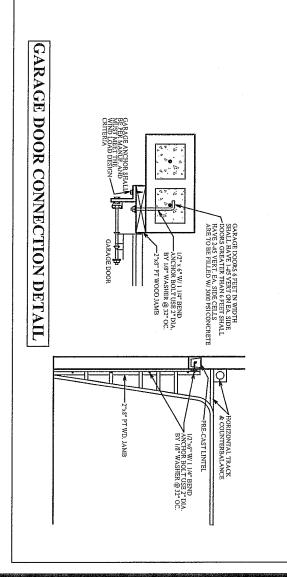


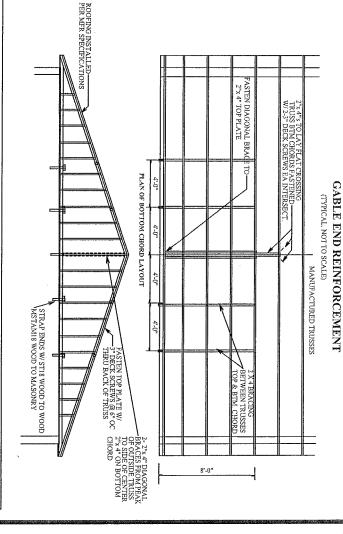


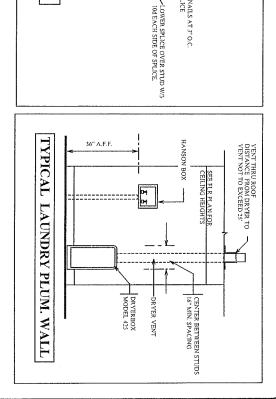




TOP PLATE SPLICE DETAIL







CONSTRUCTION DETAILS



DEEB FAMILY HOMES, LTD.

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PLAN DATE 10-19-12

LOT 2 SUMMERDALE CLEARWATER, FL. A.E.C.S. # 12091

UNIT-2054

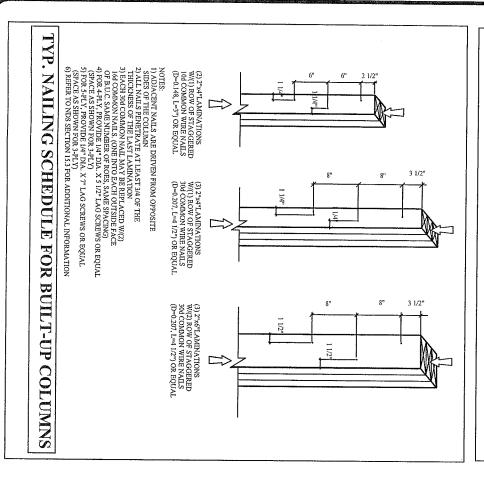
ALLEN ENGINEERING & CONSTRUCTION SERVICES RICH ALLEN PROFESSIONAL ENGINEER P.E. # 56920 C.A. # 9542

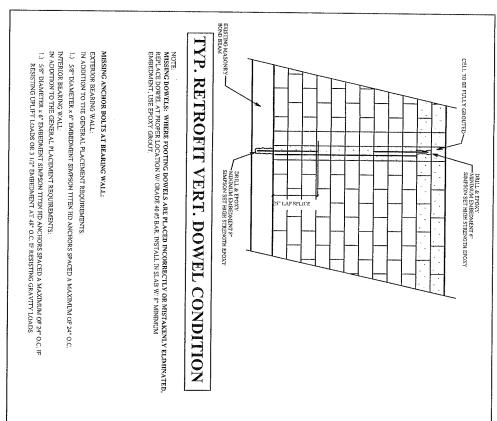
TOP PLATE SPLICE

~2 ROWS 10 d NAILS AT 3" O.C. OVER 24" SPLICE

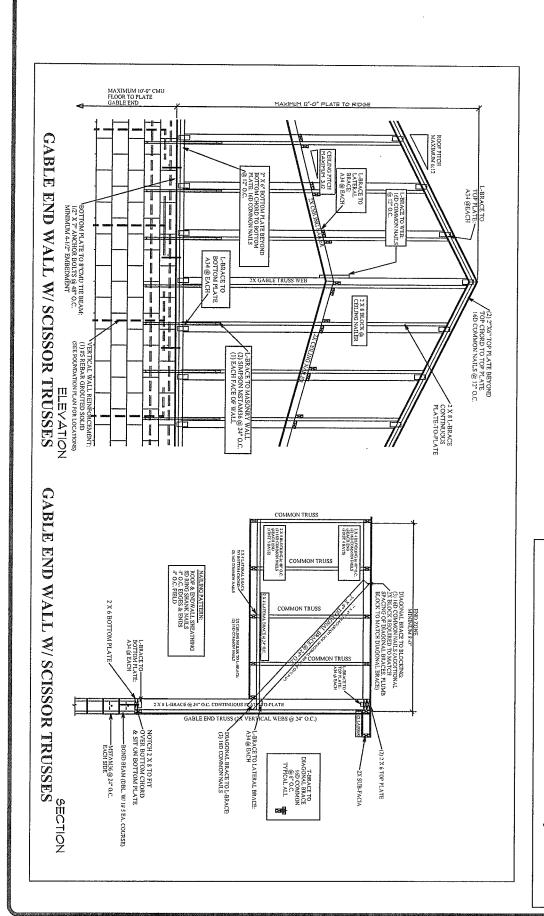
P.O. BOX 351 NEW PORT RICHEY,FL. 34656 727-842-6100

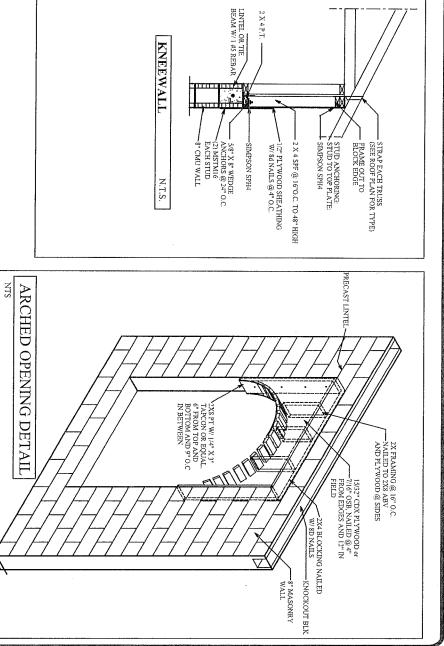
rich@allenengineeringservices.com





BEARING PARTITION





CONSTRUCTION DETAILS



DEEB FAMILY HOMES, LTD.

9400 RIVER CROSSING BLD. NEW PORT RICHEY, FL. 34655 727-376-6831 PLAN DATE
10-19-12

LOT 2 SUMMERDALE CLEARWATER, FL. A.E.C.S. # 12091

HEREBY CERTIFY THAT I HAVE
PERFORMED THE ATTACHED DESIGN
TO COMPLY WITH 145 MPH ULTIMATE
WIND LOADS AND IT IS IN COMPLIANCE
WITH SECT. 301 OF THE 2010 FLORIDA
RESIDENTIAL BUILDING CODE
SEALED FOR SRUGTURE ONLY
SIGNED

UNIT-2054

ALLEN ENGINEERING & CONSTRUCTION SERVICES RICH ALLEN PROFESSIONAL ENGINEER P.E. # 56920 C.A. # 9542

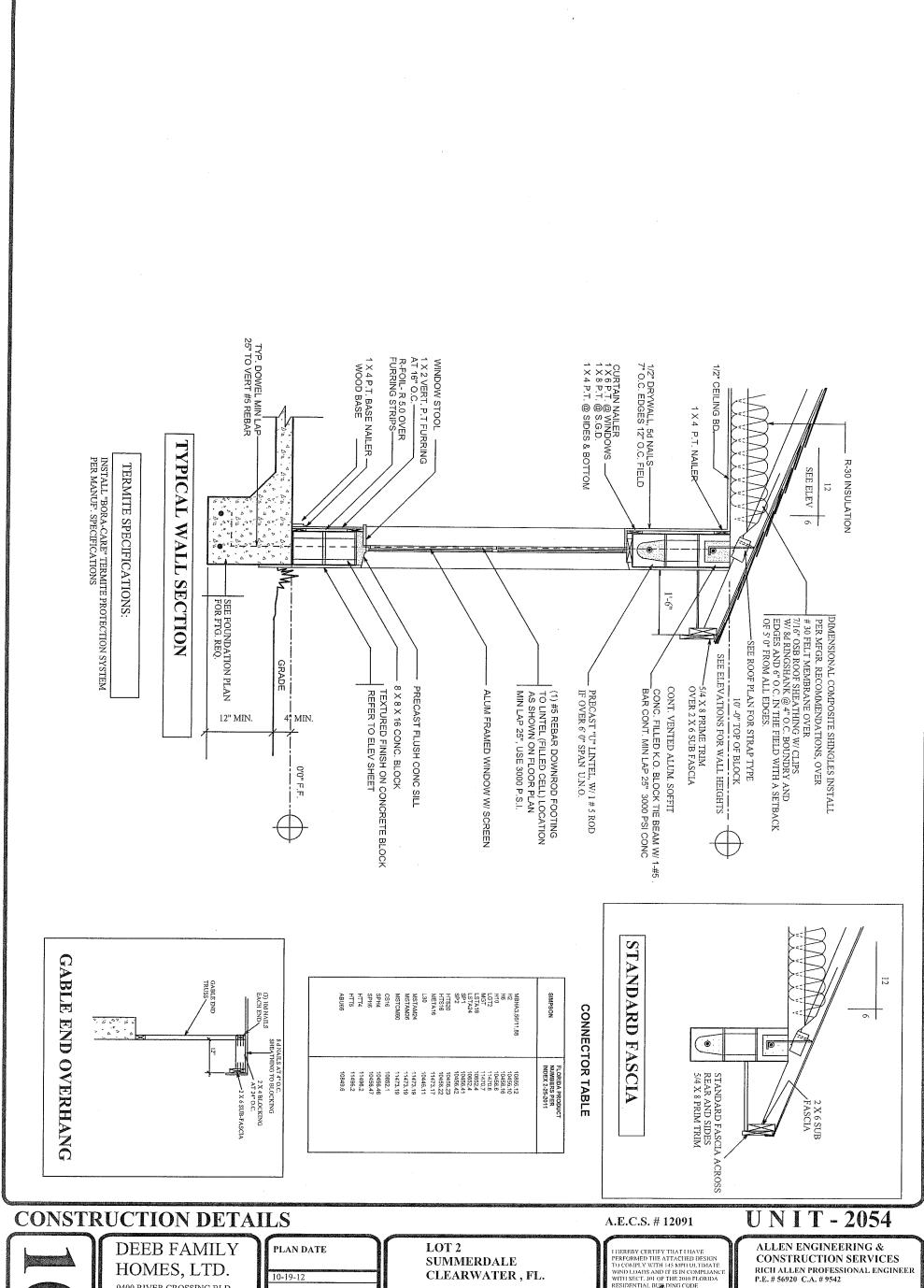
AT EVERY VERTICAL STUD AT TOP OF STUDS.

HURRICANE CLIP AT EVERY TRUSS (2) 2" X 4" CONT. TOP PLATE XXXXXXXXXXX

2" X 4" MID PT— BLOCKING 2" X 4" SYP STUDS @ 16" O.C.

1/2" SLEEVE ANCHOR
@ 24" O.C. W/ 3 3/4"
MIN SLEEVE
EMBEDMENT. W/2"
WSH 1093 SQUARE
WASHED

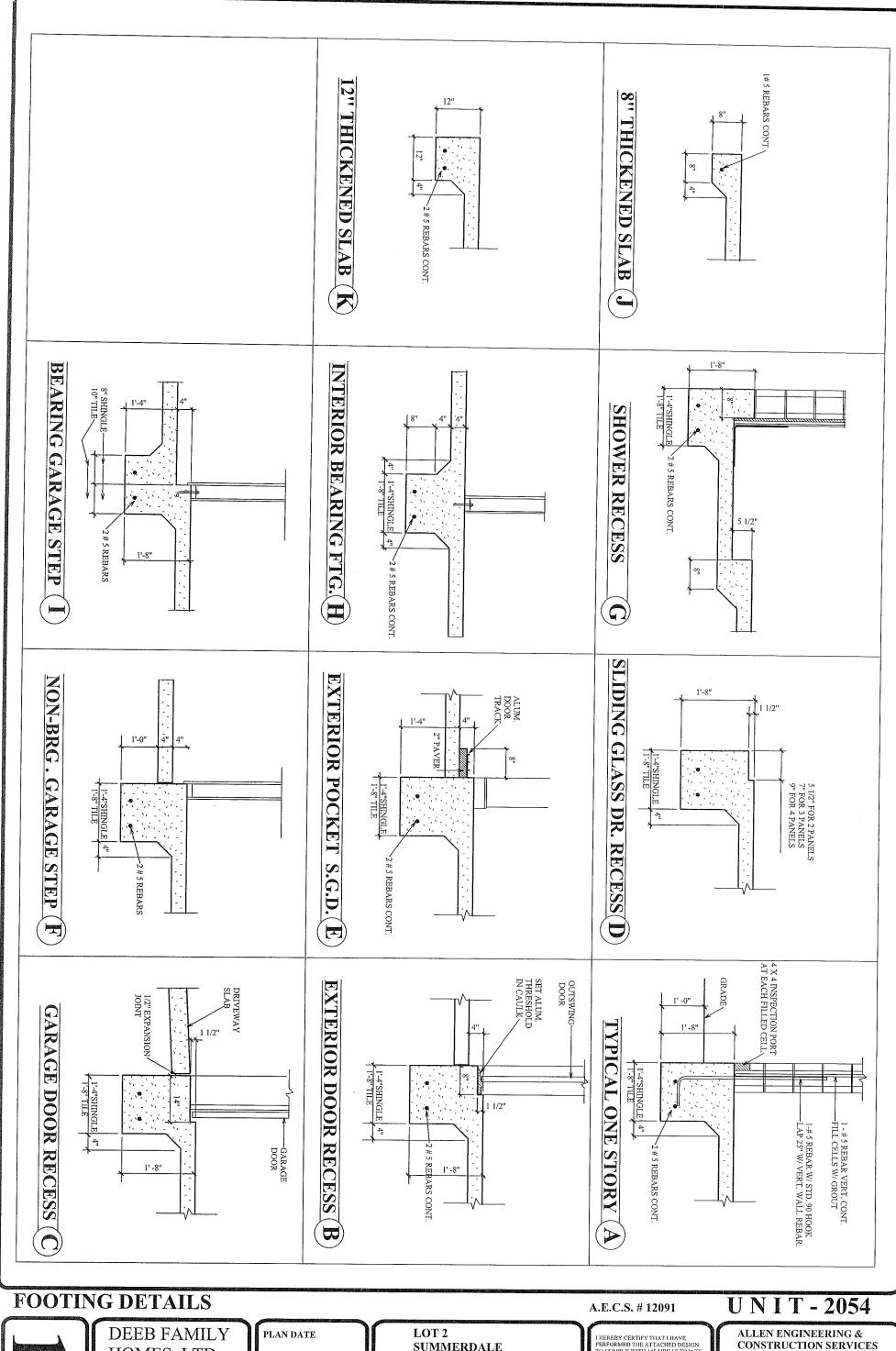
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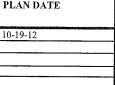
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SUMMERDALE CLEARWATER, FL.

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