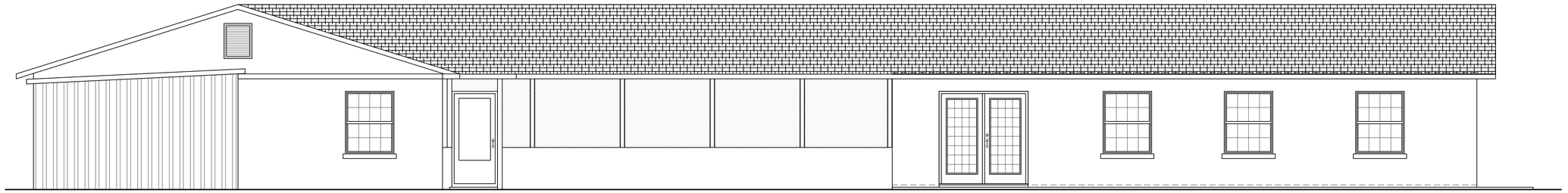
RESIDENTIAL ADDITION

2208 MAYDELL DRIVE, TAMP FLORIDA 33619



SHEET INDEX

SYMBOLS

mark, or type
WINDOW TYPE

105 number
ROOM NUMBER

15 item number
RESTROOM ACCESSORY

15 note number
DRAWING NOTE

101 mark, or type
DOOR NUMBER

section mark, sheet number
SECTION CUT

elevation mark, sheet number
ELEVATION

elevation mark, sheet number, A-15
MULTI-ELEVATION

view mark (on same sheet)
VIEW

PROJECT NOTES

1. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE CODES AND STANDARDS, INCLUDING BUT NOT LIMITED TO ALL STATE LAWS, LOCAL ORDINANCES, UTILITY COMPANY, FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION, THE STANDARD MECHANICAL CODE, THE STANDARD PLUMBING CODE, THE OCCUPATIONAL SAFETY AND HEALTH ACT, NFPA AND THE CURRENTLY ADOPTED STANDARD BUILDING CODE.
2. CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE PROJECT SITE AS REQUIRED TO MAINTAIN A SAFE AND ORDERLY WORK ENVIRONMENT.
3. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO AND DURING CONSTRUCTION.
4. DEMOLITION WORK SHALL NOT BE LIMITED TO THESE DOCUMENTS TO COMPLETE PROJECT AS ILLUSTRATED, REMOVE ITEMS NECESSARY TO ALLOW FOR NEW CONSTRUCTION.
5. EXISTING SURFACES (WALLS, CEILINGS, ETC.) SHALL BE PROTECTED DURING CONSTRUCTION. THE CONTRACTOR SHALL CLEAN SURFACES AFTER CONSTRUCTION. REPAIR, PAINT AND OR REPLACE AREAS DAMAGED AS A RESULT OF PERFORMANCE OF THE WORK.
6. ALL WORK SHALL BE COORDINATED WITH THE CITY OF TAMPA'S ARCHITECTURAL REPRESENTATIVE.
7. THE CONTRACTOR SHALL SECURE ALL OPENINGS UNDER CONSTRUCTION AT THE END OF EACH WORKING DAY.
8. ITEMS OR AREAS DAMAGED BY THE CONTRACTOR OR SUBCONTRACTORS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
9. PRIOR TO WORK CONTRACTOR SHALL LOCATE EXISTING UTILITIES IN AREAS TO BE DISTURBED AND AVOID DAMAGING. SEE NOTE 8, FOR REPAIR REQUIRMENTS.

ABBREVIATIONS

AFF	above finished floor	INSUL	insulate (d), (ion)
ADJT	adjustable	JT	joint
A/C	air conditioning	JST	joist
ALT	alternate	LAV	lavatory
AB	anchor bolt	LTL	lintel
BM	beam	MH	manhole
BIT	bituminous	MO	masonry opening
BLKG	blocking	MECH	mechanical
BUR	built up roofing	MET	metal
CIPC	cast-in-place concrete	MOD	modular
CLG	ceiling	NOM	nominal
CT	ceramic tile	NIC	not in contract
CLR	clearance	NTS	not to scale
COL	column	PLAS	plaster
CON	concrete	PT	pressure
CMT	ceramic mosaic tile	PVC	polyvinyl chloride
CMU	concrete masonry unit	PTC	post-tension concrete
CONT	continuous or continue	PCF	pounds per cubic feet
CJT	control joint	PFL	pounds per linesl foot
DP	dampproofing	PSF	pounds per square foot
DL	dead load	PSI	pounds per square inch
DET	detail	PCC	precast concrete
DIA	diameter	PL	property line
DIM	dimension	RAD	radius
DR	door	RVT	reinforced vinyl title
DS	downspout	REF	reference
DWG	drawing	RA	return air
DF	drinking fountain	RD	roof drain
ELEC	electrical	RFG	roofing
EWC	electrical water cooler	RO	rough opening
EL	elevation	SS	service sink
EQ	equal	SIM	similar
EXIST	existing	SC	solid core
EXPJT	expansion joint	SPEC	specification(s)
EXT	exterior	SQ	square
FFE	finished floor elevation	SS	stainless steel
FFL	finished floor line	STL	steel
FLG	flashing	STR	structural
FLR	flooring	TBR	to be removed
FD	floor drain	TEL	telephone
FTG	footing	THK	thick(ness)
FOB	furnished by others	T&G	tongue & groove
GA	gage, gauge	UNO	unless noted otherwise
GALV	galvanized	VB	vapor barrier
GC	general contractor	VERT	vertical
GL	glass, glazing	VAT	vinyl asbestos title
GB	grab bar	VB	vinyl base
GYPDWL	gypsum dry wall	WC	water closet
HH	handhole	WH	water heater
HDW	hardware	WP	water proofing
HT	height	WD	wood
HC	hollow core		
HB	hose bibb		

CODE REFERENCES

ALL CONSTRUCTION SHALL COMPLY WITH CURRENT ADOPTED CODES, STANDARDS AND ACTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO:

- FLORIDA BUILDING CODE, BUILDING (FBC-B) 5TH ED. 2014
- FLORIDA BUILDING CODE, MECHANICAL (FBC-M) 5TH ED. 2014
- FLORIDA BUILDING CODE, ENERGY, 5TH ED. 2014
- FLORIDA BUILDING CODE, PLUMBING (FBC-P) 5TH ED. 2014
- FLORIDA FIRE PREVENTION CODE (FFPC) 5TH ED.
- NFPA 101 LIFE SAFETY CODE, 2012 FLORIDA ED.
- NATIONAL ELECTRICAL CODE, 2011 ED.
- NFPA 1 UNIFORM FIRE CODE, 2012 FLORIDA ED.
- FLORIDA ACCESSIBILITY CODE, 5TH ED. 2014
- AMERICAN'S W/ DISABILITIES ACT (ADASAD), 2012

- CITY OF TAMPA, CONSTRUCTION DEVELOPMENT SUITE OF CODES, CURRENT EDITION

CLASSIFICATION : R - RESIDENTIAL

CONSTRUCTION TYPE:
TYPE IB, UNPROTECTED
MAXIMUM BUILDING HEIGHT: 13'-0"
MAXIMUM NUMBER OF STORIES: 1
MAXIMUM FLOOR AREA, SINGLE STORY: 1,400 SQ. FT.

NORTH

LEGAL DESCRIPTION
SEC 26, T29, R19
ATLAS SHEET No. G11
FOLIO #: 208007-0000

SQUARE FOOTAGE

SQUARE FEET: 1,400

FLORIDA BUILDING CODE 2014 - 5TH EDITION
EXPOSURE B
WIND VELOCITY - 135 MPH
WIND IMPORTANCE FACTOR - 1.0

STATE OF FLORIDA
JAMES E. JACKSON, JR.
REGISTERED ARCHITECT
AR0015839

Digitally signed by James E. Jackson, Jr., AIA
DN: cn=James E. Jackson, Jr., AIA, o=City of Tampa, ou, email=byron.thomas@tampagov.net, c=US
Date: 2016.09.12 10:30:29 -04'00'

GENERAL STRUCTURAL NOTES

SCOPE OF WORK

1. WORK DETAILED ON THE DRAWINGS AND APPLICABLE ITEMS DESCRIBED IN THE GENERAL STRUCTURAL NOTES.

DRAWINGS AND SPECIFICATIONS

1. DO NOT SCALE DRAWINGS FOR DIMENSIONS NOT GIVEN.
2. ADVISE ENGINEER OF DIMENSIONAL DISCREPANCIES.
3. VERIFY ALL EXISTING FIELD CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION.
4. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK AT ANY TIME WITHOUT CONTRACT DOCUMENTS OR, WHERE REQUIRED, APPROVED SHOP DRAWINGS, PRODUCT DATA OR SAMPLES FOR SUCH PORTION OF THE WORK.

CONSTRUCTION SAFETY

1. THESE DRAWINGS DO NOT INCLUDE PROVISIONS TO SATISFY SAFETY REQUIREMENTS. CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING SAFETY DURING CONSTRUCTION AND FOR CONFORMANCE TO ALL APPLICABLE OSHA STANDARDS AND OTHER APPLICABLE CODES.
   APPROVAL, AWARENESS OR LIABILITY FOR ANY HAZARDOUS CONDITIONS.

SHORING AND SUPPORT

1. WHEN REMOVAL OF STRUCTURAL ELEMENTS FOR MODIFICATIONS MAY CAUSE TEMPORARY WEAKNESS, EXCESSIVE DEFLECTIONS OR STRUCTURAL INSTABILITY, SHORING OR OTHER SUITABLE SUPPORTS SHALL BE PROVIDED UNTIL COMPLETION AND ADEQUATE CURING OF MODIFICATIONS.
2. THE CONTRACTOR SHALL SUBMIT CUT SHEETS WITH CERTIFIED CAPACITIES FOR SHORING TO BE USED. SHORING PLANS SHALL BE PREPARED, SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA.

VALUE ENGINEERING

1. ANY CHANGES TO THE STRUCTURE OR DESIGN SHALL HAVE BEEN REVIEWED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO COMMENCING WORK ON ITEMS AFFECTED.

FIELD MODIFICATIONS

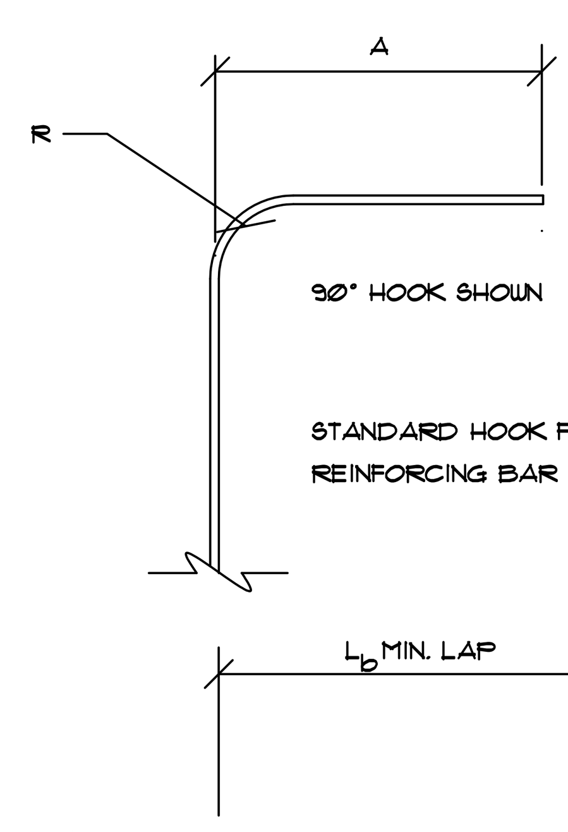
1. ANY CHANGES TO THE STRUCTURE SHALL HAVE BEEN REVIEWED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO COMMENCING WORK ON ITEMS AFFECTED.
2. ANY CHANGES MADE WITHOUT PRIOR APPROVAL ARE SUBJECT TO REVIEW BY THE ENGINEER. CONTRACTOR SHALL PROVIDE SKETCHES, PHOTOGRAPHS AND WRITTEN DESCRIPTION OF EACH DEVIATION FROM THE PLANS FOR THE ENGINEER'S REVIEW.

BUILDING CODES AND SPECIFICATIONS

1. FLORIDA BUILDING CODE 2010.
2. MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES ASCE 7-10.
3. BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES ACI 530-05 / ASCE 5-05 / TMS 402-05.
4. NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION ANSI / TPI 1 - 2002.
5. BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE ACI 318-08.

DESIGN LOADS

1. DEAD LOADS
   A. TABLE C3-1: MINIMUM DESIGN LOADS, ASCE 7-10
2. LIVE LOADS
   A. ROOF ....20 PSF
   B. FLOOR/ELEVATED DECK ....100 PSF
   C. STAIRS AND EXIT WAYS..............................100PSF
3. WIND LOAD
   A. DESIGN WIND SPEED ....146 MPH (3 SECOND GUST)
   B. EXPOSURE CATEGORY C
   C. ASCE 7 BUILDING OCCUPANCY CATEGORY II
   D. ENCLOSED BUILDING
4. COMPONENT AND CLADDING
   A. SPECIALTY ENGINEER DESIGNING THE COMPONENTS AND CLADDING SHOULD DETERMINE THE TRIBUTARY AREA FOR SUCH COMPONENTS AND CLADDING AND USE THE TABLE FOR THE AREA EQUAL TO OR SMALLER THAN THE ACTUAL TRIBUTARY AREA.
   B. COMPONENTS AND CLADDING SUB-CONTRACTOR SHALL PROVIDE SIGNED AND SEALED DRAWINGS AND CALCULATIONS PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. DOCUMENTATION SHALL INCLUDED THE DESIGN OF THE COMPONENTS AND CLADDING, AND CONNECTIONS TO THE MAIN STRUCTURE.



LAP SPLICE

RECOMMENED END HOOKS AND LAP LENGTHS				
BAR SIZE	180° HOOK A	90° HOOK A	HOOK R	LAP L_b
#3	5"	6"	1"	18"
#4	6"	8"	1-1/2"	24"
#5	7"	10"	2"	30"
#6	8"	12"	2-1/4"	36"
#7	10"	14"	2-1/2"	42"
#8	11"	16"	3"	48"
#9	15"	19"	4-3/4"	55"
#10	17"	22"	5-1/2"	61"

7. WALL COMPONENTS AND CLADDING

PRESSURE							
EFFECTIVE WIND AREA (SQ. FT.)	EXTERNAL PRESSURE COEFFICIENT GCp ZONE 4	ZONE 5		INTERNAL PRESSURE COEFFICIENT GCpi	P (psf) ZONE 4	ZONE 5	
	FIELD	EDGE			FIELD	EDGE	
< 10	1.0	1.0		0.18	34.23	34.23	
20	0.9	0.9		0.18	30.06	30.06	
50	0.85	0.85		0.18	35.48	35.48	
100	0.8	0.8		0.18	33.40	33.40	
SUCTION							
EFFECTIVE WIND AREA (SQ. FT.)	EXTERNAL PRESSURE COEFFICIENT GCp ZONE 4	ZONE 5		INTERNAL PRESSURE COEFFICIENT GCpi	P (psf) ZONE 4	ZONE 5	
	FIELD	EDGE			FIELD	EDGE	
< 10	-1.1	-1.4		-0.18	-38.41	-50.93	
20	-1.0	-1.3		-0.18	-34.23	-46.75	
50	-1.0	-1.2		-0.18	-34.23	-42.58	
100	-0.9	-1.05		-0.18	-30.06	-36.32	
WALL EDGE ZONE WIDTH = 3'-0"							

NOTE: WIND LOAD CALCULATION ARE BASED ON LRFD VALUES OF ASCE 7-10

SHALLOW SPREAD FOUNDATIONS

1. FOUNDATION DESIGN BASED ON 2000 PSF MINIMUM ALLOWABLE BEARING PRESSURE, TO BE VERIFIED BY CONTRACTOR.
2. NOTIFY ENGINEER IF FOOTING EXCAVATION REVEALS UNSUITABLE OR UNSTABLE SOILS OR MATERIALS OR CONDITIONS NOT PREVIOUSLY ANTICIPATED.
3. CONTRACTOR SHALL CONSIDER THE POSSIBLE IMPACT OF GROUNDWATER ON CONSTRUCTION TECHNIQUES, SEASONAL VARIATIONS, ANY OTHER SITE INDICATORS AND HIS OWN JUDGMENT.
4. SOIL DIRECTLY BELOW FOUNDATIONS AND SLAB ON GRADE SHALL BE COMPACTED TO 95% OF THE ASTM D 1557 (MODIFIED PROCTOR) MAXIMUM DRY DENSITY.
5. PREPARE SITE AND SOILS IN ACCORDANCE WITH REPORT OF GEOTECHNICAL ENGINEERING SERVICES PREPARED BY GROUND DOWN ENGINEERING, INC. PROJECT NO. 11-417 DATED JUNE 28, 2011.
6. A QUALIFIED LICENSED PROFESSIONAL GEOTECHNICAL ENGINEER SHALL BE RETAINED DURING CONSTRUCTION TO INSPECT FOUNDATION EXCAVATION AND INSPECT AND MONITOR PLACEMENT OF COMPACTED FILL.

PORTLAND CEMENT CONCRETE

1. CONCRETE PROPERTIES
   A. FOUNDATIONS, RAMPS, COLUMNS, BEAMS, ELEVATED SLAB 3000 PSI, 3" TO 5" SLUMP
   B. FILLED CELLS IN CMU 3000 PSI, 8" TO 11" SLUMP, 3/8" PEA GRAVEL
2. FLY ASH SHALL NOT EXCEED 20 PERCENT BY WEIGHT OF TOTAL CEMENT, IF USED.
3. CONTRACTOR SHALL STRICTLY ADHERE TO SLUMP LIMITS. SUPERPLASTICIZER MAY BE USED AT THE CONTRACTORS OPTION TO INCREASE WORKABILITY.
4. MAXIMUM MIXING TIME (FROM BATCHING TO PLACEMENT)
   A. AIR TEMPERATURE LESS THAN 85° F: 90 MINUTES
   B. AIR TEMPERATURE 85° F TO 90° F: 75 MINUTES
   C. AIR TEMPERATURE OVER 90° F: 60 MINUTES
5. MINIMUM COVER FOR REINFORCEMENT
   A. FOOTINGS, 3 INCHES TO BOTTOM AND UNFORMED SIDES, 2 INCHES TO FORMED SIDES
   B. OTHER, 2 INCHES TO MAIN REINFORCING, 1 ½" INCHES TO TIES AND STIRRUPS.
6. ALL REINFORCEMENT SHALL BE SECURELY HELD IN PLACE BY STANDARD ACCESSORIES DURING CONCRETE PLACEMENT.
7. REINFORCEMENT SHALL BE GRADE 60 CONFORMING TO ASTM A615.
8. DETAIL AND FABRICATE REINFORCEMENT IN ACCORDANCE WITH "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315.
9. PROVIDE MINIMUM LAP SPLICES PER ACI 318-08 FOR ALL REINFORCING BARS, UNLESS OTHERWISE NOTED. STAGGER SPLICES IN ADJACENT BARS AT LEAST 24 INCHES, EXCEPT IN BEAMS AND COLUMNS.
10. IN WALL FOOTINGS, GRADE BEAMS AND BOND BEAMS, PROVIDE BENT BARS AT CORNERS AND INTERSECTIONS OF THE SAME NUMBER AND SIZE AS STRAIGHT BARS.
11. APPLY CURING COMPOUND TO SLAB WITHIN TWO HOURS OF COMPLETION OF FINISHING OPERATIONS. USE LIQUID MEMBRANE FORMING COMPOUND COMPLYING WITH ASTM C309 TYPE 1 CLASS A. APPLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

CONCRETE SLAB ON GRADE

1. THE INTENDED USE OF THE SLAB ON GRADE IS FOR PEDESTRIAN TRAFFIC ONLY.
2. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS: 3000 PSI
3. MINIMUM THICKNESS: 4 INCHES
4. MAXIMUM SLUMP AT POINT OF DELIVERY: 5 INCHES
5. MAXIMUM AGGREGATE SIZE: 1 INCH
6. ENTRAINED AIR CONTENT: 4.5%
7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185.
8. THE WELDED WIRE FABRIC SHALL BE PLACED IN THE CENTER OF THE DEPTH OF SLAB ON GRADE UNLESS OTHERWISE NOTED. ALL MESH JOINTS SHALL BE LAPPED TWO FULL MESHES.
9. INTERRUPT TYPICAL SLAB REINFORCEMENT AT ALL CONSTRUCTION AND EXPANSION JOINTS.
10. CUT ALTERNATE WIRES ALONG THE LINE OF SAW CUT CONTROL JOINTS PRIOR TO PLACING CONCRETE. MAKE SAW CUTS WITHIN 12 HOURS OF CONCRETE PLACEMENT, OR AS SOON AS CUTTING CAN BE DONE SUCH THAT THE SAW BLADE DOES NOT DISLODGE AGGREGATE AND THE EDGES OF THE CUT DO NOT RAVEL.
11. PROVIDE ½" PREFORMED EXPANSION JOINT MATERIAL WHERE SLAB ABUTS VERTICAL SURFACES SUCH AS WALLS AND COLUMNS.
12. APPLY CURING COMPOUND TO SLAB WITHIN TWO HOURS OF COMPLETION OF FINISHING OPERATIONS. USE LIQUID MEMBRANE FORMING COMPOUND COMPLYING WITH ASTM C 309 TYPE 1 CLASS A. THE COMPOUND SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
13. THE CONTRACTOR SHALL CONFIRM THAT THE CURING COMPOUND WILL NOT INTERFERE WITH THE BONDING OF ANY APPLIED FLOOR SURFACE. IF THE CURING COMPOUND IS FOUND TO INTERFERE WITH BONDING, THE USE OF WET BURLAP AND TRICKLE HOSES IS ACCEPTABLE.
14. FOR LARGE SLABS, IT IS RECOMMENDED THAT THE SLAB BE CAST IN ALTERNATING LONG STRIPS AND SAW CUT TRANSVERSELY TO MINIMIZE SHRINKAGE CRACKING.

1.) WOOD:

1.1 Wood framing structural members: #2 southern yellow pine (unless noted otherwise) with an allowable bending stress (Fb) = 1250 PSI and a modulus of elasticity = 1,600,000 PSI (does not include interior non load bearing stud walls).

1.2 Design, fabricate and erect wood trusses in accordance with the "design specification for light metal plate connected wood trusses" by the truss plate institute, 1985 edition and HIB 91 (if applicable).

1.3 All exposed wood or wood in contact with earth or concrete to be pressure treated.

1.4 Roof sheathing: 1/2" C.D. grade plywood (or 7/8" OSB), when using fiberglass/asphalt shingles over felt.

1.5 Untreated wood shall not be in direct contact with concrete. SEAT plates shall be provided at bearing locations without wooden top plates.

CONCRETE MASONRY UNITS

1. BLOCKS SHALL BE HOLLOW LOAD-BEARING CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C 90 LATEST EDITION, TYPE II NON-MOISTURE CONTROLLED. THE MINIMUM NET AREA COMPRESSIVE STRENGTH SHALL BE 1500 PSI FOR AN AVERAGE OF THREE UNITS AND 1900 PSI FOR AN INDIVIDUAL UNIT. SAMPLE AND TEST MASONRY UNITS IN ACCORDANCE WITH ASTM C 140. SAMPLE AND TEST MASONRY GROUT FILL IN ACCORDANCE WITH ASTM C 39.
2. MORTAR SHALL CONFORM TO ASTM C 270 LATEST EDITION. MORTAR FOR ABOVE GRADE WORK SHALL BE TYPE S WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 1800 PSI. MORTAR FOR BELOW GRADE WORK SHALL BE TYPE M MORTAR WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2500 PSI. SAMPLE AND TEST MORTAR IN ACCORDANCE WITH ASTM C 109.
3. PREFABRICATED HORIZONTAL JOINT REINFORCEMENT SHALL HAVE 9 GAGE SIDE RAILS FABRICATED FROM HIGH-STRENGTH COLD-DRAWN WIRE CONFORMING TO ASTM A 82 AND SHALL BE GALVANIZED AFTER FABRICATION. PLACE JOINT REINFORCEMENT IN ALTERNATE COURSES IN ALL WALLS. PLACE THREE ROWS AT 8 INCHES ON CENTER IMMEDIATELY ABOVE ALL WALL OPENINGS AND AT THE TOP OF ALL WALLS. LAP SIDE RAILS AT LEAST 6 INCHES AT SPLICES. JOINT REINFORCEMENT TO BE TRUSS-TYPE.
4. PROVIDE ALL SPECIAL, LINTEL, KNOCK-OUT, JAMB AND SASH BLOCK AS REQUIRED TO COMPLETE THE WALLS. MASONRY SAWS SHALL BE USED TO CUT THE BLOCK AS REQUIRED.
5. BRACE FOUNDATION WALLS BEFORE BACKFILLING AGAINST THEM TO PREVENT OVERSTRESSING, BUCKLING OR ROTATION OF THE WALLS. BRACE ALL WALLS AGAINST WIND, CONSTRUCTION LOADS OR OTHER TEMPORARY FORCES UNTIL SUCH PROTECTION IS NO LONGER REQUIRED FOR THE SAFE SUPPORT OF THE WALL. BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. EXTEND AND HOOK VERTICAL BARS INTO FOOTING. EXTEND AND HOOK VERTICAL BARS INTO TOP OF WALL BOND BEAM OR TIE BEAM.
7. ALL VERTICAL BARS SHALL BE SECURELY TIED TO THE LOWER BAR AT ANY SPLICES, ESPECIALLY AT THE FOOTING DOWELS. BARS SHALL BE SECURED IN THEIR PROPER POSITIONS WITHIN THE CELLS BY TIE WIRES, REBAR POSITIONERS OR BY OTHER APPROVED METHODS.
8. PROVIDE CLEANOUTS AND/OR INSPECTION PORTS FOR FILLING CELLS IN LIFTS EXCEEDING 5 FEET. LIFTS SHALL NOT EXCEED 8 FEET.
9. CONTROL JOINT SPACING ALONG A STRAIGHT WALL SHALL NOT EXCEED 25 FEET, NOR 3 TIMES THE WALL HEIGHT. USE PREFORMED NEOPRENE JOINT STRIPS AND STANDARD SASH BLOCKS.
10. PROVIDE CONTROL JOINTS IN ACCORDANCE WITH DETAILS ON THE DRAWINGS AND IN ACCORDANCE WITH THESE GUIDELINES:
    A. AT CHANGES IN WALL HEIGHT
    B. AT CHANGES IN WALL THICKNESS
    C. AT WALL OPENINGS LESS THAN 6'-0" WIDE, ONE SIDE
    D. AT WALL OPENINGS 6'-0" OR WIDER, BOTH SIDES
    E. AT CONTROL JOINTS IN APPLIED PLASTER OR MASONRY VENEER
    F. AT CHASES AND RECESSES FOR PIPES, COLUMNS, ETC.
10. IN ADDITION TO REQUIREMENTS ELSEWHERE IN THE DRAWING, PROVIDE A CONTINUOUS HORIZONTAL #5 IN FULLY GROUTED KNOCK OUT BLOCK BELOW WINDOW OPENINGS EXTENDED 8" BEYOND EACH SIDE OF OPENING.

TERMITE PROTECTION 2014

1. FBC R320.1 Notice of termite protection. "A permanent sign which identifies the termite treatment provider and need for re-inspection and termite treatment contract renewal shall be provided. The sign shall be posted near the water heater

2. FBC R320.1.6 Condensate and roof downspouts shall discharge at least 1'-0" away from the building sidewalls.

3. FBC R320.1.6 Irrigation/sprinkler systems including all risers and spray heads shall not be installed within 1'-0" of the building sidewall.

4. FBC R320.1.6 To provide for inspection for termite infestation, between wall covering and final earth grade shall not be less than 6 inches. Exception: Paint or decorative cementitous finish less than 5/8" thick adhered directly to the foundation wall.

5. FBC R320.1.1 Initial treatment shall be done after all excavation and backfill is complete.

6. FBC R320.1.2 Soil disturbed after the initial trestment shall be reteated including spaces

7. FBC R320.1.3 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. FBC R320.1.4 Minimum 6 mil vapor retarder must be installed to propect against rainfall dilution. If rainfalloccurs before vapor retarder placement, retreatment is required.

9. FBC R320.1.5 Concrete overpour and mortar along the foundation perimeter must be removed before exterior soil treatment.

10. FBC R320.1.6 Soil treatment must be applied under all exterior concrete or grade within 12 inches of the structure.

11. FBC R320.1.4 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 reteated.

12. FBC R320.1 All buildings are required to have pre-construction treatment.

13. FBC R320.1 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. The treatment is in accordance with the rules and laws of the Florida Department of Agriculture and Consumer Services".

14. FBC R320.3 After all work is completed, loose wood and fill must be removed from below and within 1'-0" of the building. This includes all grades stakes, tub traps boxes, forms, shoring or other cellulose containing material.

15. FBC 3204.1110.1 No wood, vegatation, stumps, cardboard, trash, etc. shall be buried within 15'-0" of any building or proposed building.

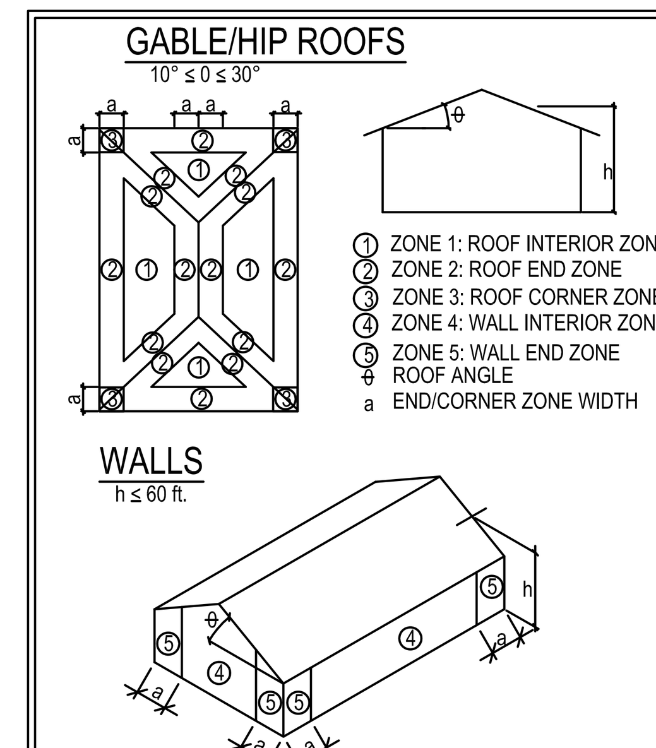
ROUGH CARPENTRY - STRUCTURAL WOOD FRAMING AND SHEATHING

1. APPLICABLE PUBLICATIONS:
   A. WESTERN WOOD PRODUCTS ASSOCIATION PUBLICATION: STANDARD GRADING RULES FOR WESTERN
   B. AMERICAN WOOD PRESERVERS INSTITUTE STANDARDS: PRESERVATIVE TREATMENT OF WOOD BY PRESSURE
   C. NATIONAL FOREST PRODUCTS ASSOCIATION PUBLICATION: NATIONAL DESIGN SPECIFICATION FOR STRESS GRADED LUMBER AND ITS FASTENINGS
   D. WEST COAST LUMBER INSPECTION BUREAU STANDARDS: STANDARD GRADING AND DRESSING RULES FOR DOUGLAS FIR, WEST COAST HEMLOCK, SITKA SPRUCE, WHITE FIR, AND WESTERN RED CEDAR LUMBER.
   E. SOUTHERN PINE INSPECTION BUREAU: STANDARD GRADING RULES FOR SOUTHERN PINE LUMBER
   F. SOUTHERN FOREST PRODUCTS ASSOCIATION
   G. NATIONAL BOARD OF FIRE UNDERWRITERS
2. LUMBER SHALL COMPLY WITH PS 20 (AMERICAN SOFTWOOD LUMBER STANDARD; NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY) AND APPROVED GRADING RULES AND INSPECTION AGENCIES.
3. COVER WOOD PRODUCTS TO PROTECT AGAINST MOISTURE. SUPPORT STACKED PRODUCTS TO PREVENT DEFORMATION AND TO ALLOW CIRCULATION.
4. DIMENSION LUMBER
   A. GRADING AGENCY: SOUTHERN PINE INSPECTION BUREAU, INC. (SPIB)
   B. SIZES: NOMINAL SIZES AS INDICATED ON DRAWINGS, S4S
   C. MOISTURE CONTENT: S-DRY OR MC19
   D. LUMBER: S4S, SOUTHERN PINE NO. 2
5. PLYWOOD SHEATHING
   A. PS 1 (CONSTRUCTION AND INDUSTRIAL PLYWOOD; NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY.
   B. APA RATED MARINE GRADE PLYWOOD SHEATHING B-B
6. ALL FASTENERS TO BE HOT-DIPPED GALVANIZED STEEL FOR HIGH-HUMIDITY AND TREATED WOOD LOCATIONS.
7. PRESSURE TREATMENT OF LUMBER ABOVE GRADE SHALL BE AWPA TREATMENT C2 USING WATERBORNE PRESERVATIVE 0.25 LB/CU FT RETENTION.
8. FASTENINGS (GENERAL): THE NUMBER AND SIZE OF NAILS CONNECTING WOOD MEMBERS SHALL NOT BE LESS THAN THOSE SPECIFIED IN TABLE 2304.9.1OF THE FLORIDA BUILDING CODE 2010.
9. ALL PRESSURE TREATED WINDOW AND DOOR BUCKS SHALL BE LESS THAN 11/2 INCHES. WINDOW AND DOOR ANCHORS SPECIFIED BY MANUFACTURER SHALL BE SECURELY FASTENED INTO THE MASONRY SUBSTRATE.

NAILING SCHEDULE		
Ledger strip	16d common	3 at each joist
Sole plate to joist or	16d common	16" O.C.
blocking, face nail		
Top of sole plate to stud,	16d common	2
and nailed		
Stud to sole plate, toe nail	8d common	4
Doubled studs, face nail	10d common	24" O.C.
Doubled top plates, face	10d common	16" along each
nail		edge
Continuous header to	8d common	3
stud, toe nail		
1X8 sheathing or less to	8d common	2
each bearing, face nail		
Over 1X8 sheathing to	8d common	3
each bearing, face nail		
Build-up corner studs	16d common	24" O.C.
Build-up griders and	20d common	32" O.C. at top
beams up to three members		and bottom and
		staggered 2 ends
		at each
		splice
1/2" Gypsum Sheathing	11 ga 1-1/2"	4"O.C. at edges
	7/16" head	8" o.c. at other bearing.
5/8" Gypsum Sheathing	11 ga 1-3/4"	4"O.C. at edges
	7/16" head	8" o.c. at other bearing.
Gypsum Wallboard		
1/2"	1-3/8" drywall nail	7"O.C. on ceilings
		8"O.C. on walls
5/8"	1-1/2" drywall nail	7"O.C. on ceilings
		8"O.C. on walls
Hardboard Lap Siding, Direct to Studs	8d corrosion resistant	16" O.C. at top
	with minimum shank	and bottom edges
	dia. of 0.0990 inch	
	and minimum head	
	dia. of 0.240 inch	
Hardboard Lap Siding, over sheathing	10d corrosion resistant	16" O.C. at top
	with minimum shank	and bottom edges
	dia. of 0.0990 inch	
	and minimum head	
	dia. of 0.240 inch	
Hardboard Panel siding, Direct to Studs	6d corrosion resistant	6" O.C. at edges
	with minimum shank	12" O.C. at
	dia. of 0.0920 inch	Intermediate
	and minimum head	supports
	dia. of 0.225 inch	
Hardboard Panel siding, Over to Studs	8d corrosion resistant	6" O.C. at edges
	with minimum shank	12" O.C. at
	dia. of 0.0920 inch	Intermediate
	and minimum head dia. of 0.225 inch	supports

GABLE/HIP ROOFS

10° ≤ 0 ≤ 30°



COMPONENTS AND CLADDING DESIGN WIND PRESSURES										
Design Input:										
Exposure Category = B						Building Type = Enclosed				
Importance Factor (I) = 1.00						End/Corner Zone Width (a) = 4 ft				
Basic Wind Speed (V) = 130 mph						Roof Angle (q) = 23 deg				
Mean Roof Height (h) = 18 ft						Internal Pres. Coeff. (GCpi) = 0.18				
Design Output:										
Component Effective Wind Area	Roof Pressures (PSF) Interior Zone (Zone 1)		End Zone (Zone 2)		Corner Zone (Zone 3)		Wall Pressures (PSF) Interior Zone (Zone 4)		End Zone (Zone 5)	
(SQ.FT.)	(+)	(-)	(+)	(-)	(+)	(-)	(+)	(-)	(+)	(-)
10	29	-46	29	-97	29	-97	51	-55	51	-68
20	27	-45	27	-89	27	-89	48	-53	48	-63
50	23	-43	23	-77	23	-77	45	-50	45	-57
100	21	-42	21	-68	21	-68	43	-47	43	-53
200	21	-42	21	-68	21	-68	41	-45	41	-48
500	21	-42	21	-68	21	-68	38	-42	38	-42
1000	21	-42	21	-68	21	-68	38	-42	38	-42

ARCHITECT
JAMES E. JACKSON, JR., A.I.A.
4225 ALBERCA WAY SOUTH
SAINT PETERSBURG, FLORIDA
LICENSE #: AR0015839
Cell: 813.679.4654 FAX: 727.864.1575

ARCHITECT SEAL

STATE OF FLORIDA — JAMES E. JACKSON JR. — REGISTERED ARCHITECT — AR0015839

Digitally signed by James E. Jackson, Jr., AIA
DN: cn=James E. Jackson, Jr., AIA, o=City of Tampa, ou, email=byron.thomas@tampagov.net, c=US
Date: 2016.09.12 10:31:11 -04'00'

DESIGNER:
BK THOMAS, OWNER/LEED GA
DBC DESIGN GROUP, LLC
P.O. BOX 47
TAMPA, FLORIDA 33601
813 716-2081
dbc@dbcdesigngroup.com
www.dbcdesigngroup.com

PROJECT NUMBER: KHANG08312016

CLIENT NAME AND PROJECT LOCATION:

RESIDENTIAL ADDITION
2208 MAYDELL DRIVE
TAMPA, FLORIDA 33619

SHEET TITLE:

GENERAL NOTES AND DETAILS

SCALE: VARIOUS

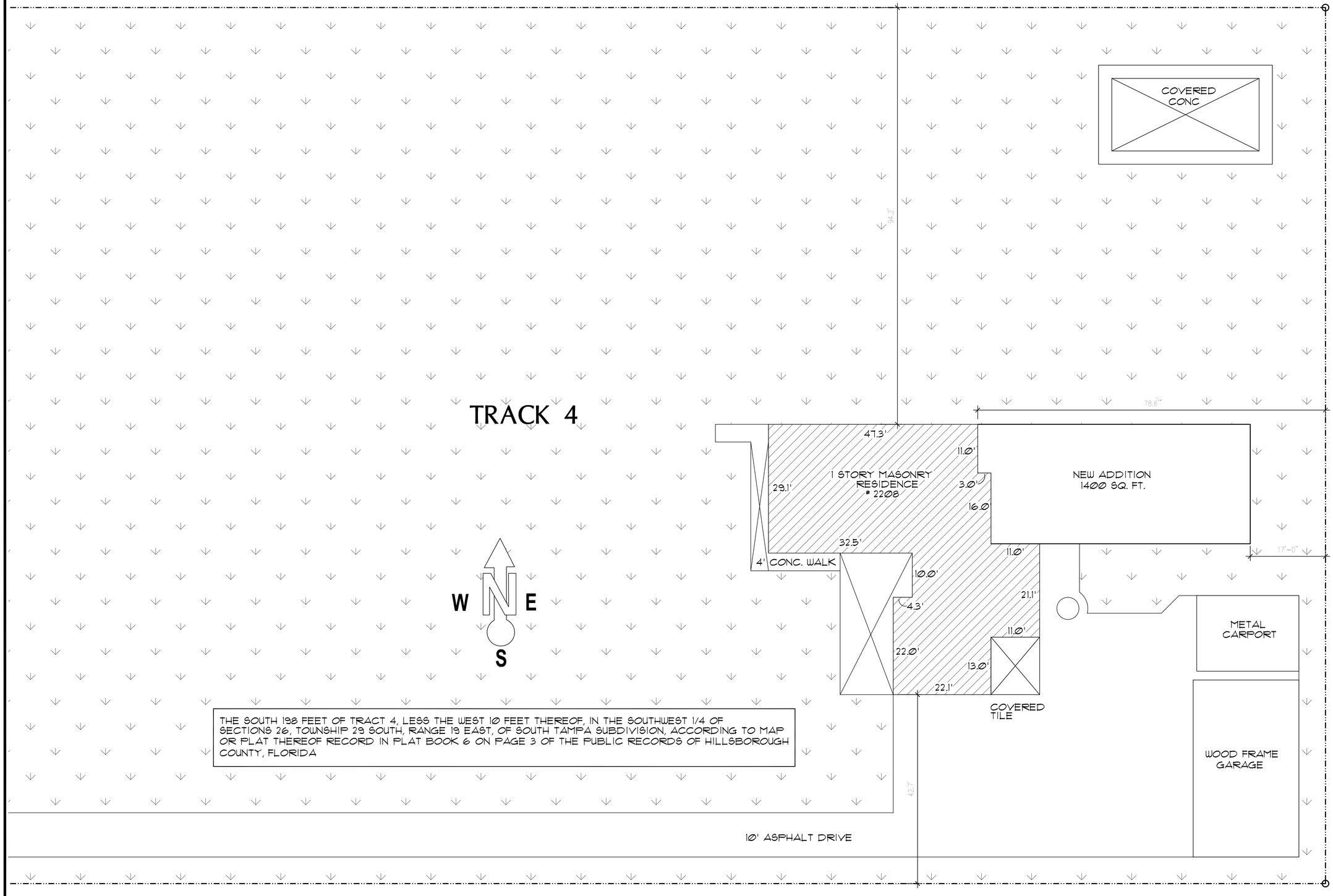
DRAWN BY: BK THOMAS, OWNER/LEED GA

CHECKED BY: JEJ, AIA - PROJECT ARCHITECT

REVISIONS

DATE COMPLETED: 09/12/2016

SHEET NUMBER: A-1.0



THE SOUTH 198 FEET OF TRACT 4, LESS THE WEST 10 FEET THEREOF, IN THE SOUTHWEST 1/4 OF SECTIONS 26, TOWNSHIP 29 SOUTH, RANGE 19 EAST, OF SOUTH TAMPA SUBDIVISION, ACCORDING TO MAP OR PLAT THEREOF RECORD IN PLAT BOOK 6 ON PAGE 3 OF THE PUBLIC RECORDS OF HILLSBOROUGH COUNTY, FLORIDA

JEL ARCHITECT

JAMES E. JACKSON, JR., A.I.A.
4225 ALBERCA WAY SOUTH
SAINT PETERSBURG, FLORIDA
LICENSE #: AR0015839
Cell: 813.679.4654 FAX: 727.864.1573

ARCHITECT SEAL

STATE OF FLORIDA · JAMES E. JACKSON · REGISTERED ARCHITECT

Digitally signed by James E. Jackson Jr.
DN: cn=James E. Jackson Jr. AIA, o=City of Tampa, ou=Development Services, email=jackson.thomas@tampagov.net, c=US
Date: 2016.12.16 09:58:04 -05'00'

DESIGNER:

BK THOMAS, OWNER/LEED GA
DBC DESIGN GROUP, LLC
P.O. BOX 47
TAMPA, FLORIDA 33601
813 716-2081
dbc@dbcdesigngroup.com
www.dbcdesigngroup.com

PROJECT NUMBER:
KHANG08312016

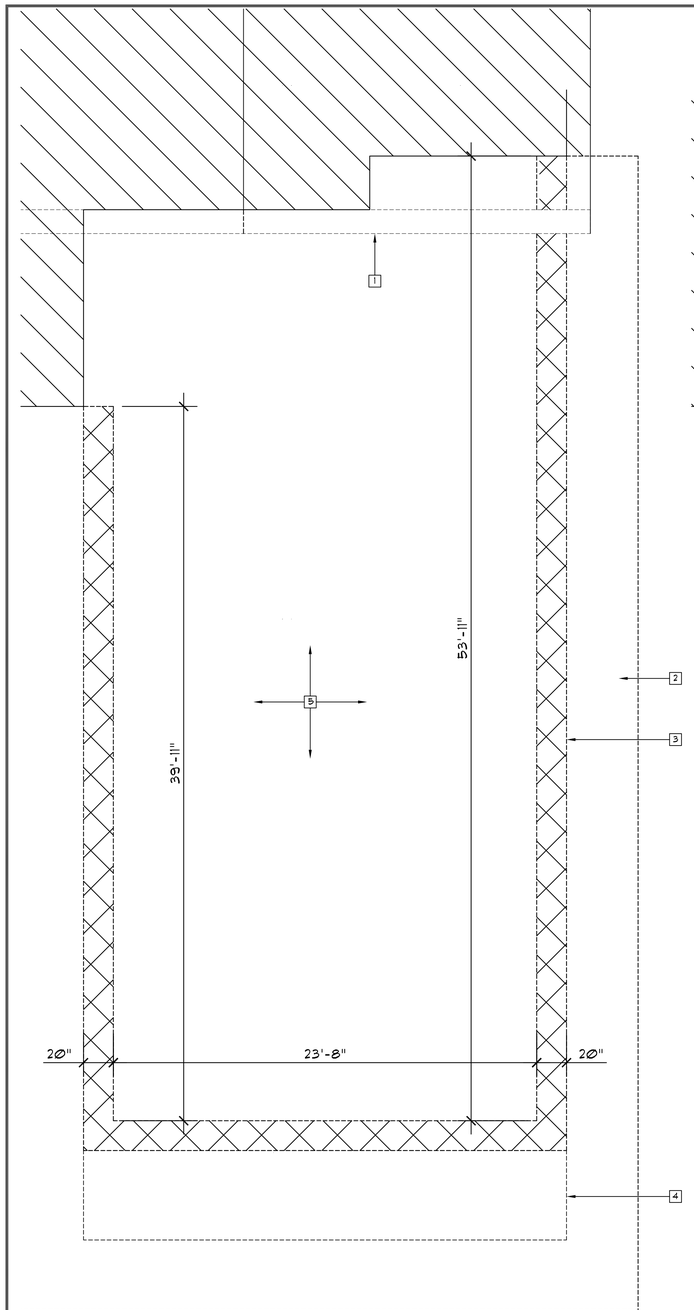
RESIDENTIAL ADDITION

2208 MAYDELL DRIVE
TAMPA, FLORIDA 33619

CLIENT NAME AND PROJECT LOCATION:

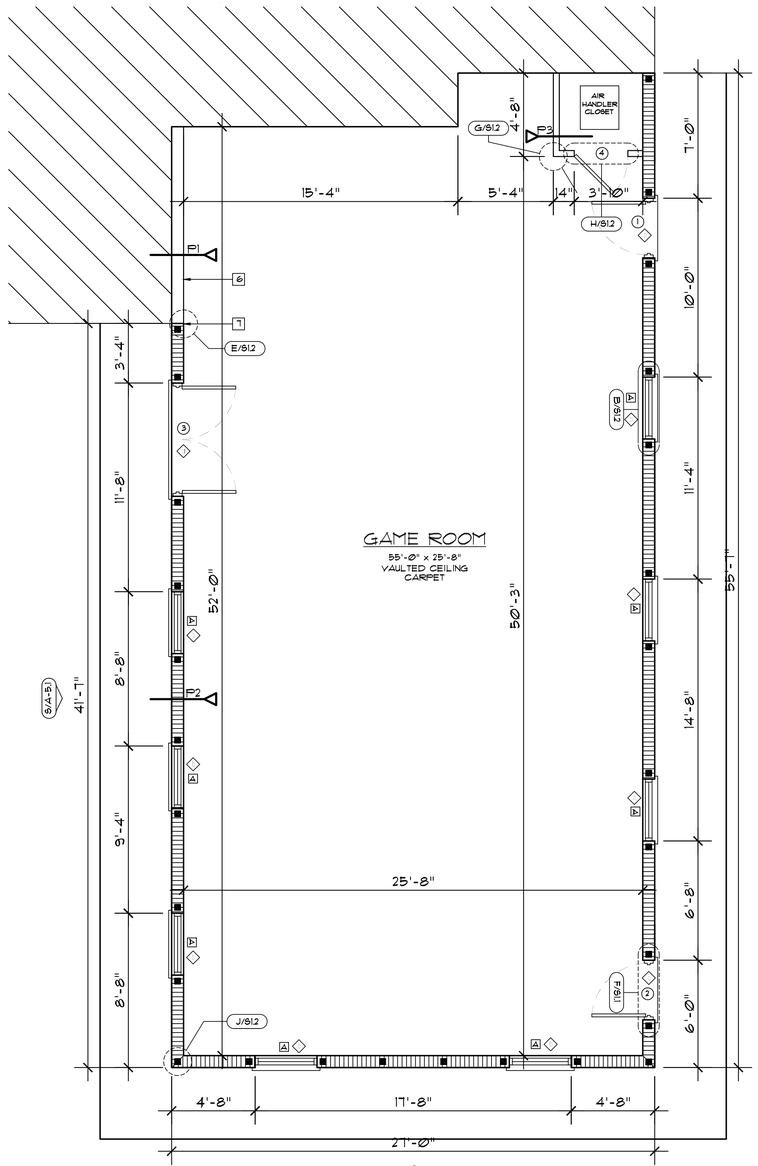
SHEET TITLE: ARCHITECTURAL SITE PLAN

SCALE:	VARIOUS
DRAWN BY:	BK THOMAS, OWNER/LEED GA
CHECKED BY:	JEJ, AIA – PROJECT ARCHITECT
REVISIONS	
DATE COMPLETED:	09/12/2016
SHEET NUMBER:	A–1.1
	3 OF 8



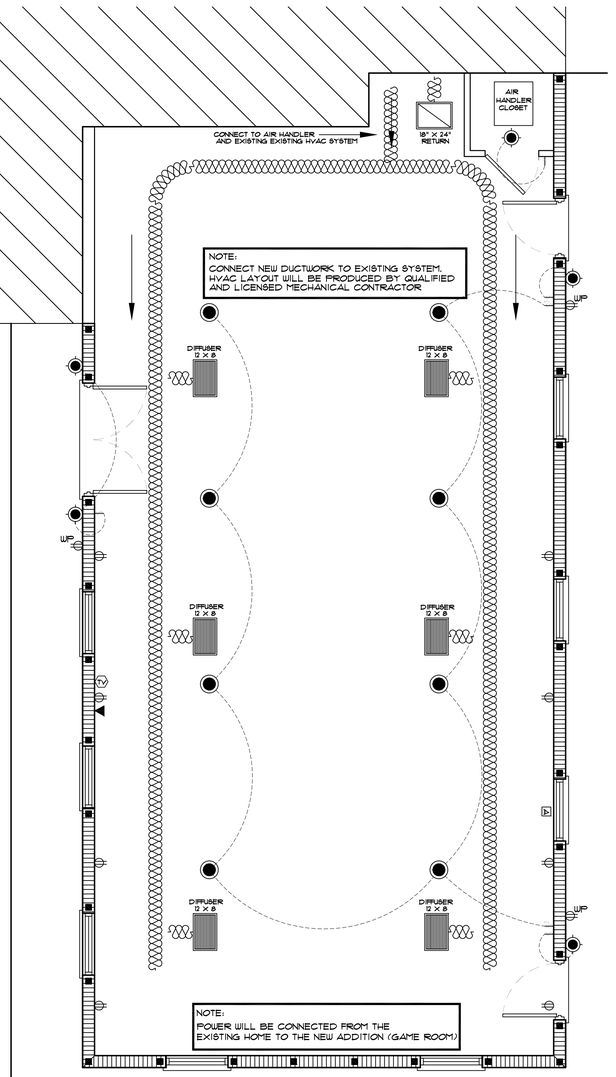
DEMO PLAN

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



FLOOR PLAN

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



ELECTRICAL & MECH. PLAN

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

WALL TYPE SCHEDULE

RM	ROOM NAME	SQ. FT.
-	GAME ROOM	1424
-	MECHANICAL CLOSET	26
TOTAL SQUARE FOOTAGE: 1450		

WALL TYPE SCHEDULE

P1	NEW 8" P.T. WOOD FRAMED NON-BEARING WALL WITH INSULATION
P2	NEW 8" EXTERIOR CMU WALL W/ GYPSUM ON INTERIOR SIDE
P3	NEW 4" WOOD FRAMED NON-BEARING WALL WITH INSULATION

4" PRESSURE TREATED WOOD STUD WALL AT 16" ON CENTER WITH 1/2" NON-RATED GYPSUM BOARD ON EACH SIDE AND R-11 BATT INSULATION. WALL WILL BE FLUSH WITH CEILING GRID. BRACE WITH STUDS TO THE BOTTOM OF STRUCTURE AT 2'-0" ON CENTER FOR LATERAL STABILITY

WINDOW SCHEDULE

SYMBOL	WINDOW SIZE	TYPE	MATERIAL	SILL TYPE	QUANITITY	MANUF. NAME	REMARKS
A	41 1/2" X 53 1/2"	6DH4254	ALUMINUM	CONCRETE	ØØ8	JELD-WEN	DOUBLE PANE WINDOWS

DOOR SCHEDULE

SYM	DOOR SIZE	TYPE	SWING	INT	EXT	QNTY	MANUF.	REMARKS
1	3Ø68	MTL	L		●	Ø2	JELD-WEN	SOLID CORE EXTERIOR DOOR
2	3Ø68	MTL	R		●	Ø1	JELD-WEN	SOLID CORE EXTERIOR DOOR
3	6Ø68	MTL/GLS	-		●	Ø1	JELD-WEN	DOUBLE METAL AND GLASS DOOR
4	3Ø68	FNL	R	●		Ø1	JELD-WEN	INTERIOR HOLLOW CORE DOOR

NOTES:

1. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AS REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
2. PROVIDE AND INSTALL GROUND FAULT CIRCUIT-INTERUPTERS (GFI) AS REQUIRED BY NATIONAL ELECTRIC CODE (NEC).
3. UNLESS OTHERWISE INDICATED, INSTALL SWITCHES & RECEPTICALS AT THE FOLLOWING HEIGHTS ABOVE FINISHED FLOOR:
   SWITCHES: 42"
   OUTLETS: 14"
   TELEPHONES: 14"
   TELEVISION: 14"
4. ALL BEDROOM RECEPTICALS TO BE ARC-FAULT PROTECTED PER 1999 NEC
5. ALL SMOKE DETECTORS SHALL BE WIRED ON SAME CIRCUIT.

NOTE: FOLLOW ELECTRICAL INSTRUCTIONS PROVIDED BY ELECTRICAL CONTRACTORS AND THE FLORIDA BUILDING CODE

KEY NOTES

1. REMOVE END TRUSS & LOOKOUT AND PREP FOR NEW ADDITION
2. REMOVE ALL MATERIAL AND OBJECT FROM AREA & PREPARE FOR NEW CONC. WALK
3. CUT AND REMOVE EXISTING CONC. THICKEN EDGE
4. CLEAR AND REMOVE MATERIAL AND OBJECT FOR FOUNDATION EXTENSION
5. PREP AND SCORE EXISTING CONCRETE SLAB
6. CONSTRUCT 8" P.T. WOOD FRAMING SEGMENT
7. UTILIZE 1/4" TITEN MASONRY SCREWS TO SECURE 2"X8" P.T. WOOD FRAMING TO EXISTING MASONRY WALL AND P.T. 2"X8" SOLE PLATE WITH TAPCON TO CONCRETE SLAB
8. 4"X4" INSPECTION PORT AT EACH FILL CELL
9. FINISH GRADE
10. 1/4" Ø EB OR TOGGLE BOLTS @ 24" O.C.

JEL ARCHITECT
JAMES E. JACKSON, JR., A.I.A.
4225 ALBERCA WAY SOUTH
SAINT PETERSBURG, FLORIDA
LICENSE #: AR0015839
Cell: 813.679.4654 FAX: 727.864.1573

ARCHITECT SEAL

STATE OF FLORIDA JAMES E. JACKSON, JR. LICENSED ARCHITECT AR0015839
Digitally signed by James E. Jackson, Jr., AIA, LEED AP
DN: cn=James E. Jackson, Jr., AIA, LEED AP, o=JEL Architect, Inc., ou=Architect, email=aaron.thomas@tampagov.net, c=US
Date: 2016.09.12 10:32:16 -04'00'

DESIGNER:

BK THOMAS, OWNER/LEED GA
DBC DESIGN GROUP, LLC
P.O. BOX 47
TAMPA, FLORIDA 33601
813 716-2081
dbc@dbcdesigngroup.com
www.dbcdesigngroup.com

PROJECT NUMBER:
KHANG08312016

CLIENT NAME AND PROJECT LOCATION:

RESIDENTIAL ADDITION
2208 MAYDELL DRIVE
TAMPA, FLORIDA 33619

SHEET TITLE:
DEMO, FLOOR, ELECTRICAL AND HVAC PLAN

SCALE: VARIOUS

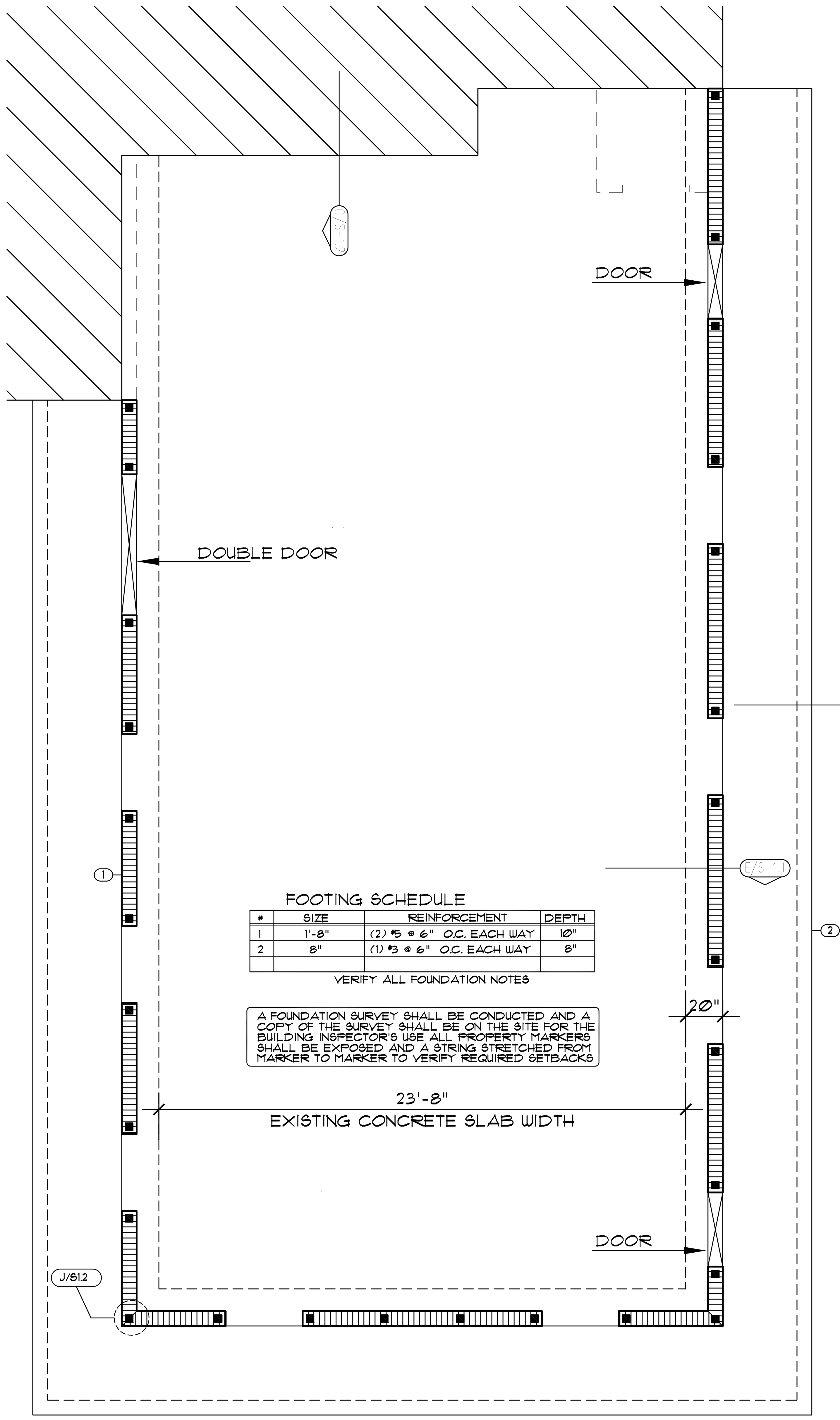
DRAWN BY: BK THOMAS, OWNER/LEED GA

CHECKED BY: JEJ, AIA - PROJECT ARCHITECT

REVISIONS

DATE COMPLETED: 09/12/2016

SHEET NUMBER: A-2.1



FOOTING SCHEDULE

#	SIZE	REINFORCEMENT	DEPTH
1	1'-8"	(2) #5 @ 6" O.C. EACH WAY	10"
2	8"	(1) #3 @ 6" O.C. EACH WAY	8"

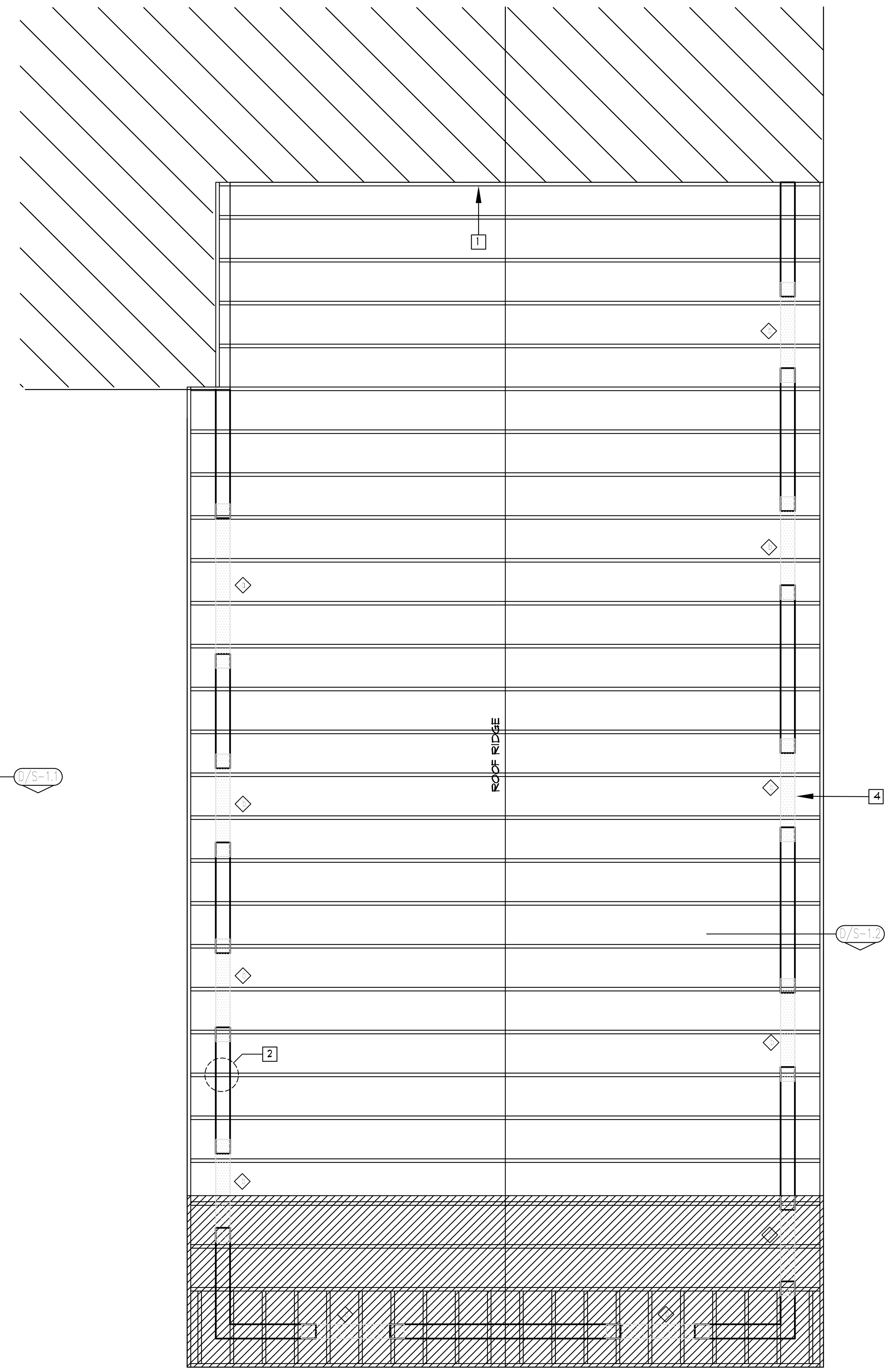
VERIFY ALL FOUNDATION NOTES

A FOUNDATION SURVEY SHALL BE CONDUCTED AND A COPY OF THE SURVEY SHALL BE ON THE SITE FOR THE BUILDING INSPECTOR'S USE ALL PROPERTY MARKERS SHALL BE EXPOSED AND A STRING STRETCHED FROM MARKER TO MARKER TO VERIFY REQUIRED SETBACKS

FOUNDATION PLAN

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

4" FIBERMESH CONCRETE SLAB MIN. WITH COMPRESSIVE STRENGTH OF 3,000 P.S.I. AT 28 DAYS OR 4" CONCRETE SLAB WITH 6X6 10X10 W.W.M. ON APPROVED SUPPORTS @ 3'-0" O.C. 6 MIL VAPOR BARRIER UNDER ALL CONDITIONED SPACES WITH CLEAN WELL COMPACTED FILL TREATED FOR TERMITES. CUT 1" DEEP CONTROL JOINTS EVERY 15'-0" EACH WAY AS REQUIRED.



GABLE END (REF TO DETAIL: A/S1.2)

TRUSS MANUFACTURER TO PROVIDE SIGNED AND SEALED TRUSS DRAWINGS INCLUDING BRACING DETAILS AND ANCHORS/UPLIFTS

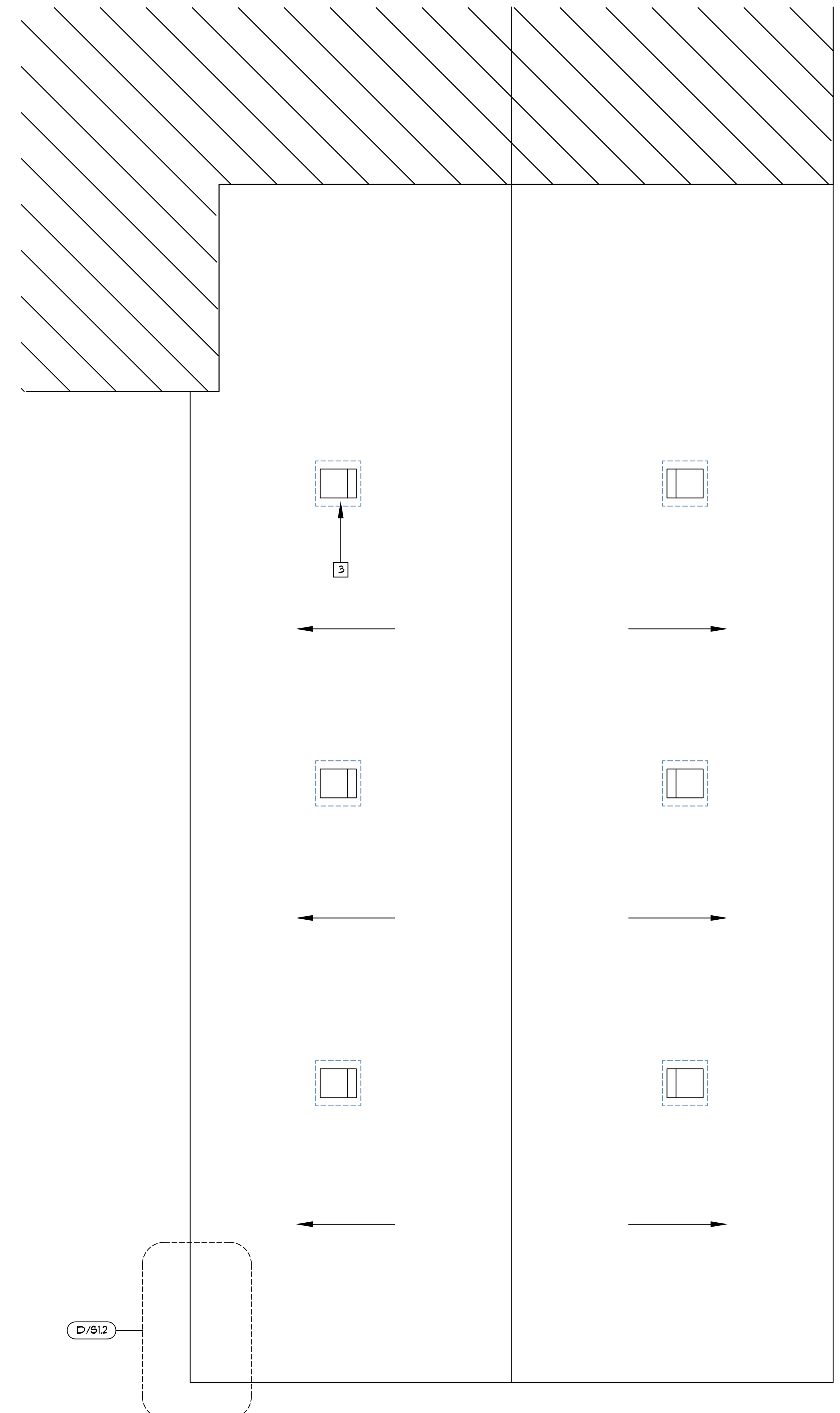
1. ALL 1/2" CDX PLYWOOD OR OSB BOARD TO BE NAILED 6" O.C. ENDS AND 12" O.C. FIELD UNLESS NOTED OTHERWISE.
2. HURRICANE ANCHORS, AS SHOWN ON THESE SHEETS, CAN BE SUBSTITUTED IN THE FIELD PROVIDED THE UPLIFTS, HORIZONTAL AND LONGITUDINAL SHEAR ARE LARGER THAN SPECIFIED.

◇	LINTEL LENGTH	BAR LENGTH	CLEAR SPAN	BOTTOM REINFORCEMENT BARS "A" MAIN BARS	"B" BARS
a	7'-8"	7'-2"	1'-6"	(2) 7/32" WIRE	#4 REBAR
b	4'-8"	4'-2"	1'-6"	(2) 7/32" WIRE	#3 REBAR

ABOVE INFORMATION IS BASED ON CAST-CRETE(FECP CORP) BRAND LINTELS. FOLLOW MANUF INSTRUCTIONS ON LINTEL SPECIFICATIONS. PRECAST LINTELS MAY BE CAST CRETE OR OTHER BUILDING CODE APPROVED

ROOF FRAMING PLAN

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



ROOF LAYOUT PLAN

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

KEY NOTES

1. CONNECT EXISTING TRUSS TO NEW TRUSS SYSTEM
2. CONNECT TRUSS SYSTEM TO MASONRY BLOCK WITH SIMPSON STRONG TIE "HETA20" (TYP)
3. INSTALL ALUMINUM SLANT BACK STATIC ROOF VENTS - FOLLOW MANUF. INSTRUCTIONS
4. CAST-CRETE CONCRETE LINTEL (TYP)

JEL ARCHITECT
JAMES E. JACKSON, JR., A.I.A.
4225 ALBERCA WAY SOUTH
SAINT PETERSBURG, FLORIDA
LICENSE #: AR0015839
Cell: 813.679.4654 FAX: 727.864.1575

ARCHITECT SEAL

STATE OF FLORIDA · JAMES E. JACKSON JR. · REGISTERED ARCHITECT · AR0015839
Digitally signed by James E. Jackson, Jr., AIA
DN: cn=James E. Jackson, Jr., AIA, o=City of Tampa, ou, email=byron.thomas@tampagov.net, c=US
Date: 2016.09.12 10:32:47 -04'00'

DESIGNER:
BK THOMAS, OWNER/LEED GA
DBC DESIGN GROUP, LLC
P.O. BOX 47
TAMPA, FLORIDA 33601
813 716-2081
dbc@dbcdesigngroup.com
www.dbcdesigngroup.com

PROJECT NUMBER: KHANG08312016

CLIENT NAME AND PROJECT LOCATION:
RESIDENTIAL ADDITION
2208 MAYDELL DRIVE
TAMPA, FLORIDA 33619

SHEET TITLE: FOUNDATION, ROOF FRAMING AND ROOF LAYOUT PLAN

SCALE: VARIOUS

DRAWN BY: BK THOMAS, OWNER/LEED GA

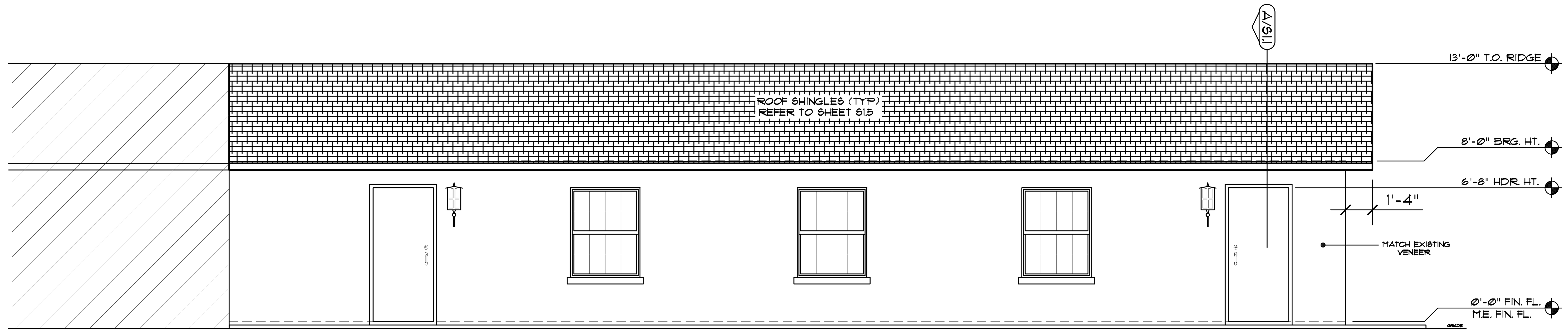
CHECKED BY: JEL AIA - PROJECT ARCHITECT

REVISIONS

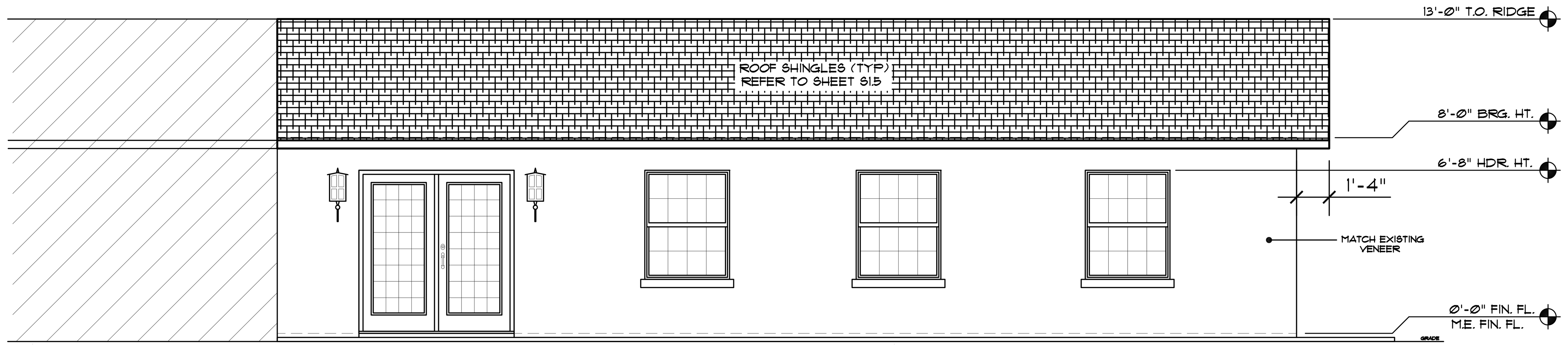
DATE COMPLETED: 09/12/2016

SHEET NUMBER: A-2.2

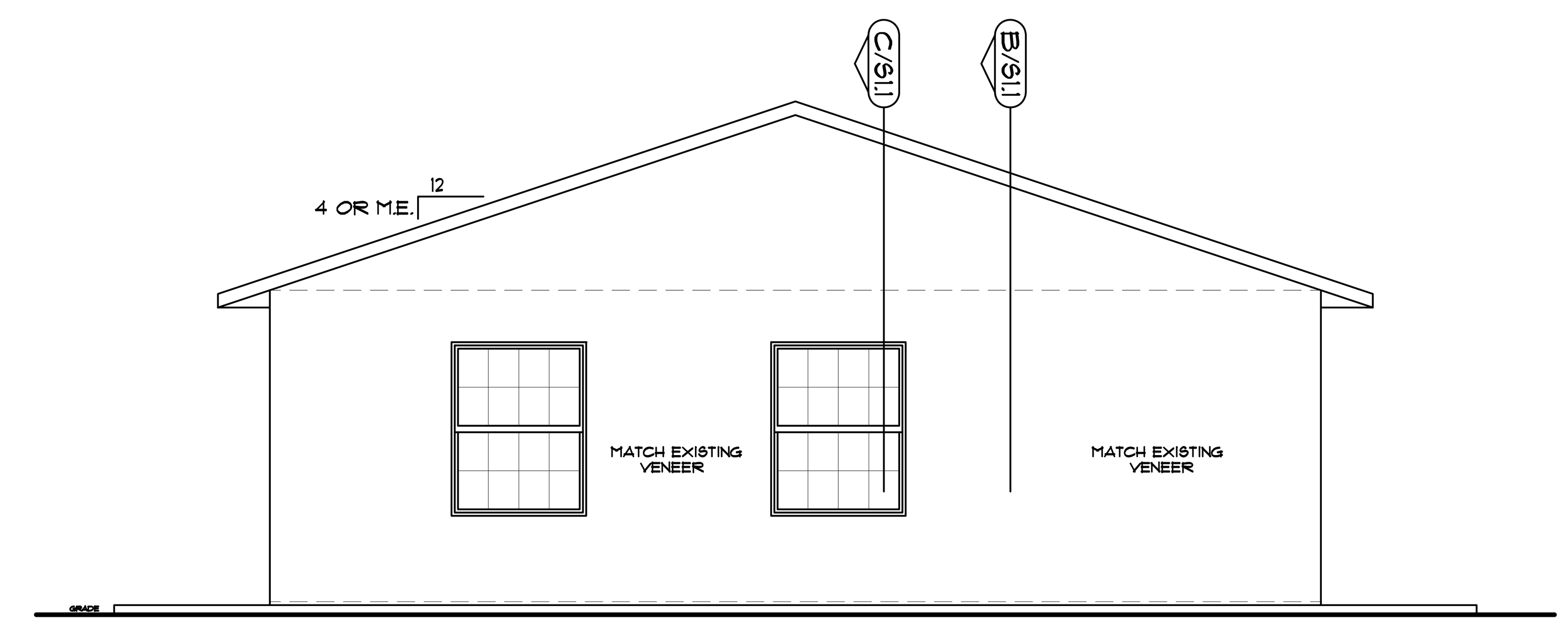
5 OF 8



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



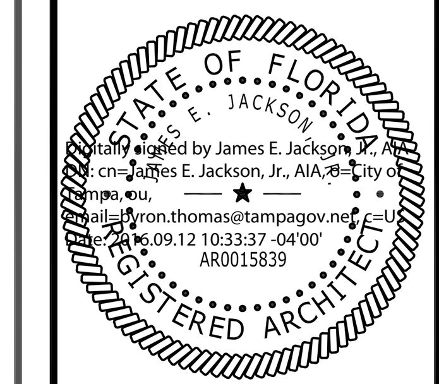
SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



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

JEL ARCHITECT
JAMES E. JACKSON, JR., A.I.A.
4225 ALBERCA WAY SOUTH
SAINT PETERSBURG, FLORIDA
LICENSE #: AR0015839
Cell: 813.679.4654 FAX: 727.864.1575

ARCHITECT SEAL



DESIGNER:
BK THOMAS, OWNER/LEED GA
DBC DESIGN GROUP, LLC
P.O. BOX 47
TAMPA, FLORIDA 33601
813 716-2081
dbc@dbcdesigngroup.com
www.dbcdesigngroup.com

PROJECT NUMBER: KHANG08312016

CLIENT NAME AND PROJECT LOCATION:

RESIDENTIAL ADDITION
2208 MAYDELL DRIVE
TAMPA, FLORIDA 33619

SHEET TITLE: NORTH, SOUTH AND EAST ELEVATIONS

SCALE: VARIOUS

DRAWN BY: BK THOMAS, OWNER/LEED GA

CHECKED BY: JEL AIA - PROJECT ARCHITECT

REVISIONS

DATE COMPLETED: 09/12/2016

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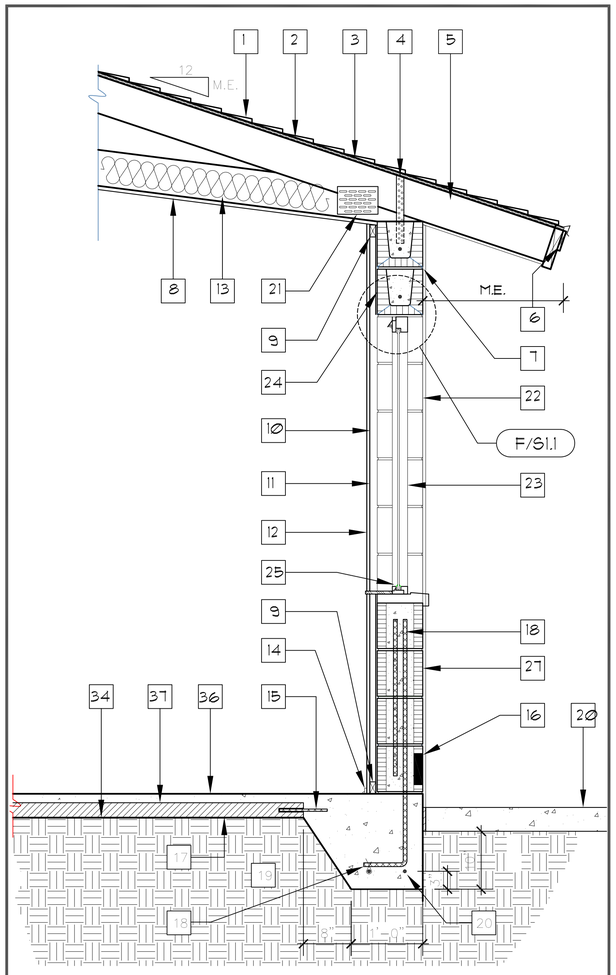
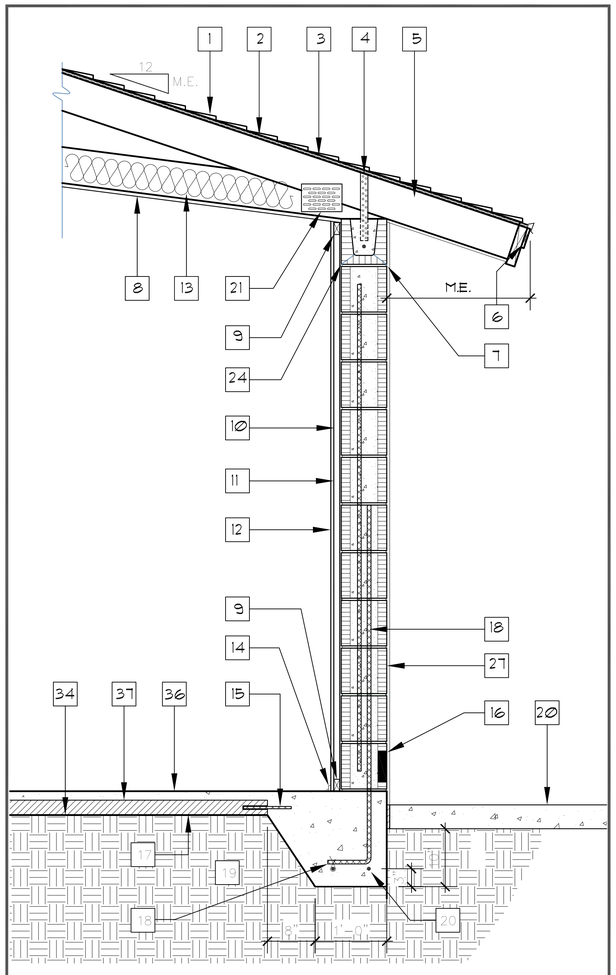
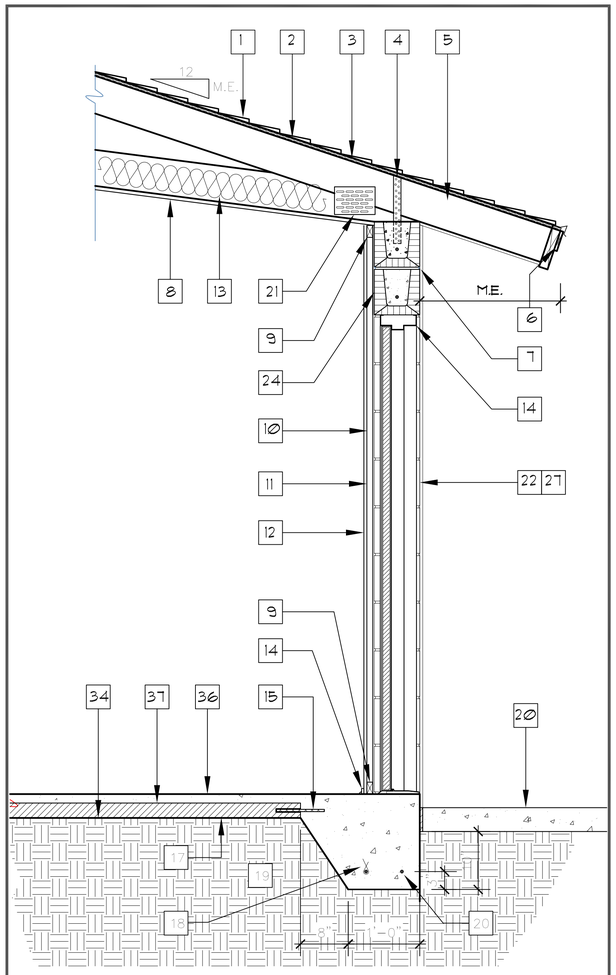


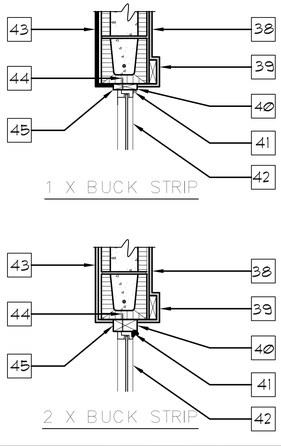
C WALL SECTION WITH WINDOW DETAIL
SCALE: N.T.S.



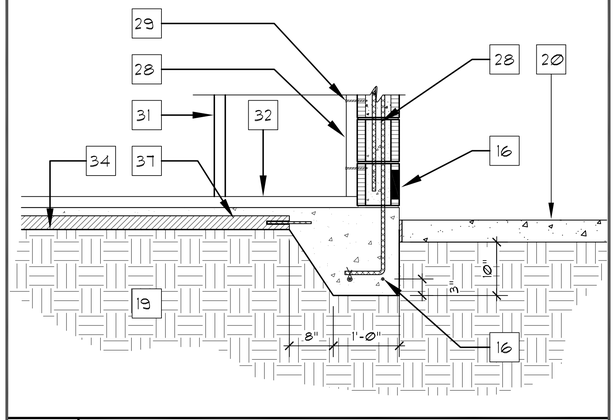
B WALL SECTION DETAIL
SCALE: N.T.S.



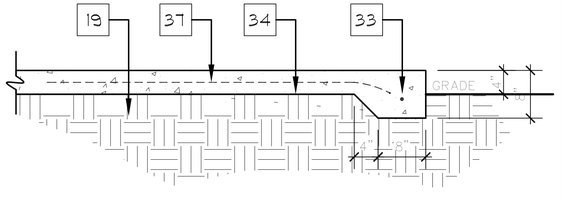
A MASONRY WINDOW OPENING WITH (2) WOOD HEADER
SCALE: N.T.S.



F WINDOW JAMB DETAIL
SCALE: N.T.S.



E MASONRY WALL FOUNDATION
SCALE: N.T.S.



D THICKENED EDGE DETAIL
SCALE: N.T.S.

GENERAL NOTES

1. 15 LB ROOFING FELT (SHINGLES) OR 15 LB FELT UNDER 90# HOT MOP
2. 30 YEAR GAF TIMBERLINE SHINGLES WITH 6 NAILS PER TAB ASTM D3161 (PA-100, PA-107
3. 1/2" CDX PLYWOOD OR 7/16" O.S.B. MIN. REFER REFER TO ROOF NAILING SCHEDULE
4. ROOF STRAP (HETA20 - FL11473)
5. CONVENTIONAL WOOD TRUSS AT 24" O.C.
6. DRIP STRIP AND FASCIA BOARD (FIELD VERIFY SIZE)
7. 8"X8"X16" KNOCK-OUT BLOCK, (1) #5 CONT. FILLED WITH 3000 P.S.I. CONCRETE
8. 5/8" HIGH STRENGTH GYPSUM CEILING BOARD WITH 1 3/8 DRYWALL NAILS OR DRYWALL SCREWS 7" O.C. CEILING AND 8" O.C. WALLS
9. 1X2 P.T. NAILER
10. 1X P.T. WOOD FURRING AT 16" O.C.
11. R42 MINIMUM INSULATION
12. 1/2" GYPSUM WALLBOARD U.N.O.
13. R30 INSULATION
14. MASONRY DOOR FRAMING
15. 8" #5 REBAR DRILLED AND EPOXY INTO EXISTING CONCRETE SLAB AT 16" O.C.
16. 4"X4" INSPECTION PORT AT EACH FILL CELL TYPICAL
17. 6 MIL VAPOR BARRIER
18. (2) #5 REBAR WITH FIBERMESH
19. CLEAN POISONED AND COMPACTED
20. 4" THICK CONCRETE 4' WIDE WALK
21. MP24 MENDING TRUSS PLATE
22. MASONRY BEYOND
23. ALUMINUM FRAME WINDOW
24. 8" X 8" CONCRETE LINTEL (SEE LINTEL SCHEDULE: SHEET A1.0)
25. INSTALL FLASHING (FOLLOW MANUF. INSTR.)
26. #5 DOWEL TO MATCH VERTICAL REINFORCING WITH 25" MINIMUM LAP
27. 8" X 8" MASONRY BLOCK WALL COVER WITH CEMETIOUS FINISH
28. 1 X 3 P.T. WOOD FURRING STRIP
29. #5 DOWEL TO MATCH VERTICAL REINFORCING WITH 25 MINIMUM LAP
30. 1 3/4" CONCRETE SCREWS @ 24" O.C.
31. 2"X4" WOOD STUDS
32. 2"X4" P.T. WOOD SILL PLATE
33. (1) #5 REBAR CONTINUOUS
34. 6 MILVAPOR BARRIER
35. (2) #5 CONTINUOUS
36. 3000 PSI CONCRETE W/ FIBERMESH FLOATED OVER EXISTING SCORED CONC SLAB
37. SCORED EXISTING CONCRETE SLAB
38. DECORATIVE CEMENTITIOUS FINISH
39. P.T. WOOD FOR STUCCO BANDING (OPTIONAL)
40. P.T. 1X BUCK
41. CAULKING
42. ALUMINUM FRAMING
43. 1/2" GYPSUM WALL BOARD ON P.T. WD FURRING STRIPS
44. WOOD BUCK ANCHOR 1 1/4" EMBEDDED IN CONC. (ANCHOR SCREW PER MANUF SPECS)
45. P.T. SHIM AS REQUIRED
46. P.T. 2X BUCK

JEL ARCHITECT
JAMES E. JACKSON, JR., A.I.A.
4225 ALBERCA WAY SOUTH
SAINT PETERSBURG, FLORIDA
LICENSE #: AR0015839
Cell: 813.679.4654 FAX: 727.864.1573

ARCHITECT SEAL

DESIGNER:

BK THOMAS, OWNER/LEED GA
DBC DESIGN GROUP, LLC
P.O. BOX 47
TAMPA, FLORIDA 33601
813 716-2081
dbc@dbcdesigngroup.com
www.dbcdesigngroup.com

PROJECT NUMBER:
KHANG08312016

CLIENT NAME AND PROJECT LOCATION:

RESIDENTIAL ADDITION
2208 MAYDELL DRIVE
TAMPA, FLORIDA 33619

SHEET TITLE:
STRUCTURAL NOTES AND DETAILS

SCALE:
VARIOUS

DRAWN BY:
BK THOMAS, OWNER/LEED GA

CHECKED BY:
JEJ, AIA - PROJECT ARCHITECT

REVISIONS

DATE COMPLETED:
09/12/2016

SHEET NUMBER:
S-1.1

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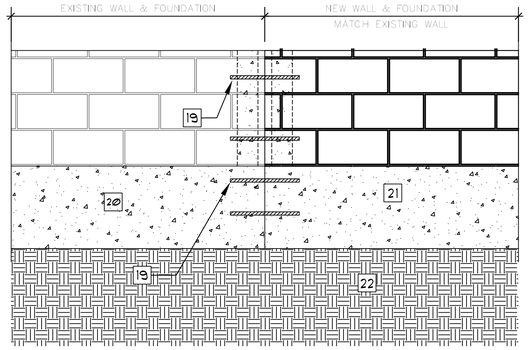
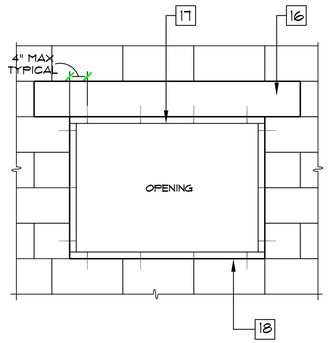
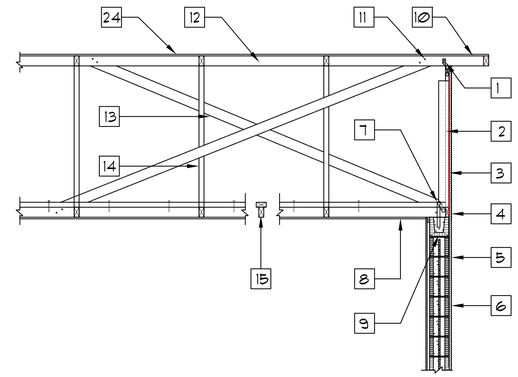


C NEW TO EXISTING FOUNDATION CONNECTION
SCALE: 3/4" = 1'-0"



WINDOWS SHALL BE IMPACT RESISTANT IN ACCORDANCE WITH SECTION 1606.1.4, FBC 2015 OR PLYWOOD PROTECTIVE PANELS IN ACCORDANCE WITH "TYPICAL PLYWOOD PANEL GLAZING PROTECTION" SHALL BE PROVIDED FOR EACH OPENING.

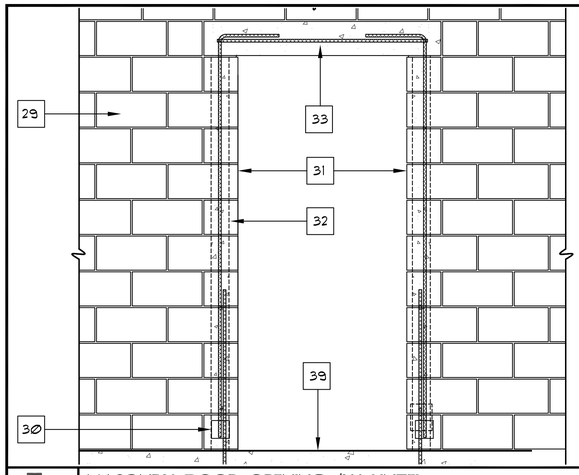
B WINDOW ATTACHMENT TO MASONRY
SCALE: N.T.S.



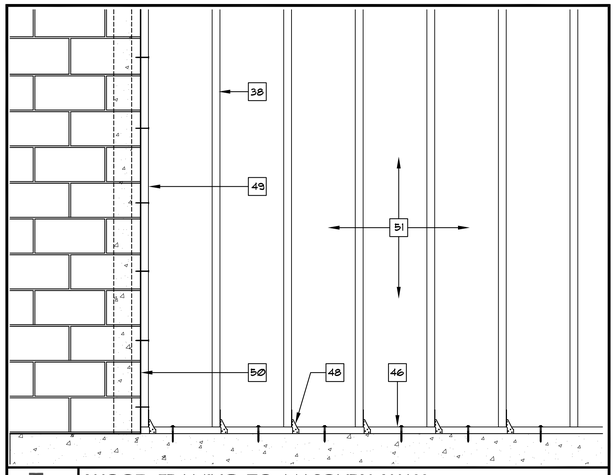
A GABLE END DETAIL (VAULTED CEILING)
SCALE: N.T.S.

GENERAL NOTES

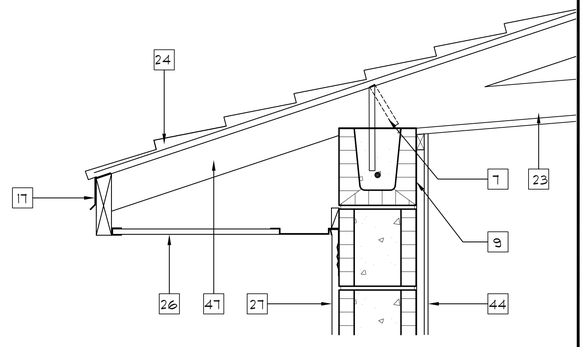
1. SIMPSON H10 OR EQUAL @ EACH OUTLOOKER
2. "L" BRACE TO EXTEND AT LEAST 90° OF WEB LENGTH
3. 7/8" CEMENT PLASTER ON 15# FELT, TYVEK, 1/2" OSB OR PLYWOOD
4. GALVANIZED WIRE LATH AND DRY-IN FELT
5. MOISTURE BARRIER - OVERLAP 2"
6. GALVANIZED WIRE LATH AND DRY-IN FELT
7. SIMPSON META20 ANCHOR W/6-10d 1 1/2 NAILS
8. 5/8" CEILING DENSE GYPSUM WALL BOARD FASTENED W/ 8d COOLER NAILS OR 1 1/4" LONG DRYWALL SCREWS COMPLYING W/ ASTM C1002 FOR FIRST 8'-0" FROM WALL AT 4" O.C. TYP
9. 8" CONCRETE LINTEL WITH 3000 PSI GROUT AND (1) #5 REBAR
10. 2"X 4" OUTLOOK AT 24" O.C.
11. TOENAIL WITH (2) 16d NAILS
12. TOP CORD BLOCKING FOR FIRST FOUR ROWS OF TRUSSES AT EDGE OF SHEATHING (TYP.)
13. 2" X 4" CROSS BRACING AT RIDGE FASTENED AT EACH JOINT WITH (2) 10d X 3"
14. TRUSS VERT. WEB SPACED AT 48" O.C. MAX.
15. 2"X4" "T" ON TOP OF PANEL BLOCKING. FASTEN WITH 10d X 3" AT 4" O.C.
16. PRE-CAST LINTEL OR CONCRETE TIE BEAM
17. ATTACH WINDOW FLANGE/FRAME TO BUCKS WITH MIN #8x2½" WOOD SCREW @ 8" O.C. OR AS REQUIRED BY WINDOW MANUFACTURER TO MEET REQUIRED WIND PRESSURES.
18. 2X4 MIN PT BUCKS ATTACHED TO MASONRY W/ 3/16"Dx2 3/4" MIN EMBED TAPCON MASONRY SCREWS AT 8' O.C. MAX AND AT 4" FROM CORNERS. SET BUCKS IN CONTINUOUS SEALANT BED
19. DRILL & EPOXY SET 10" #5 REBAR DOWEL EVERY OTHER COURSE
20. EXISTING 8" FOOTER TO REMAIN
21. NEW CONC FOOTING/REFER TO PLANS FOR SIZE
22. CLEAN POISON AND COMPACTED SOIL
23. VAULTED TRUSS SYSTEM
24. FIBERGLASS ASPHALT SHINGLE ON 30 LB FELT ON 5/8" PLYWOOD ON PRE-ENGINEERED WOOD TRUSSES AT 24" O.C.
25. 5/8" CEILING BOARD
26. 4" CONT. PERFORATED ALUMINUM VENT
27. 1/2" CEMENT PLASTER (STUCCO) OVER MASONRY
28. NOT IN USE
29. 8" MASONRY WALL - MATCH EXISTING SIDING
30. 4" X 4" INSPECTION OPENING (TYP.)
31. MASONRY ROUGH OPENING
32. FILLED WITH 3000 P.S.I. CONCRETE ON EACH SIDES OF DOOR OPENING
33. (1) #5 REBAR EMBEDDED IN LINTEL W/ GROUT
34. CRIPPLE STUD
35. 2" X 6" WOOD HEADER
36. 2" X 4" WOOD TRIMMER STUD
37. 2" X 4" WOOD KING STUD
38. 2" X 8" WOOD COMMON STUD
39. 4" CONCRETE SLAB
40. (1) #5 REBAR IN CORNER DOWEL
41. TSP CONNECTOR (TYP.) - FLI0456
42. CORNER STUDS BUILT UP WITH 2"X4" BLOCKING BETWEEN PROVIDES NAILS @ INSIDE CORNER
43. 2"X4" COMMON STUD 16" O.C. (VERIFY SPACING)
44. 1/2" GYP BOARD OVER P.T. 1"X3" FURRING STRIP
45. THIS DETAIL WORKS FOR BOTH INSIDE AND OUTSIDE CORNERS
46. 2" X 8" P.T. SOLE PLATE SECURED W/ TAPCON
47. CONVENTIONAL WOOD TRUSS AT 24" O.C.
48. H2.5 SERIES SIMPSON CONNECTORS - FLI0456
49. 2"X 8" P.T. WOOD STUD ATTACHED TO MASONRY WITH 1 3/4" RED HEAD NAILS
50. NEW 8" MASONRY BLOCK WALL WITH 3000 P.S.I. CONCRETE GROUT IN CELL AND #5 REBAR
51. EXISTING MASONRY WALL CONNECT TO 2"X8" WOOD FRAMING W/ A35 CONNECTORS - FLI0446



F MASONRY DOOR OPENING /W LINTEL
SCALE: 3/4" = 1'-0"



E WOOD FRAMING TO MASONRY WALL
SCALE: N.T.S.



D EAVE DETAIL
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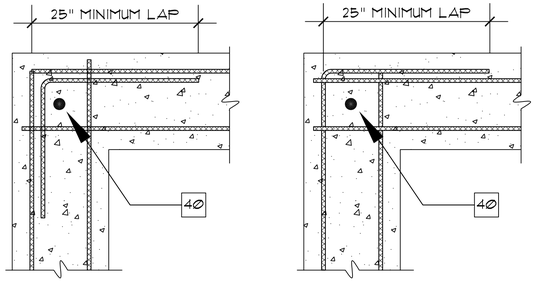
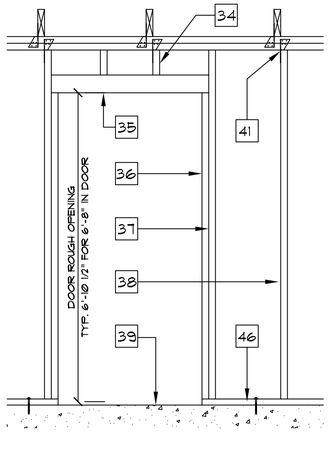
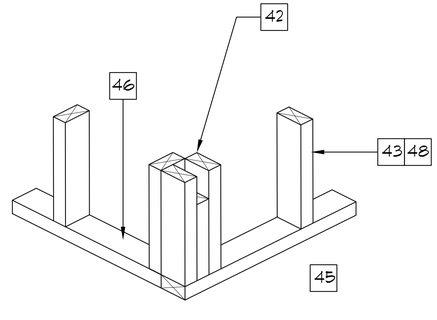


J CONTINUITY OF FOOTING & FOUND. WALL REINF. DETAIL
SCALE: N.T.S.



H INTERIOR WOOD FRAME DOOR OPENING
SCALE: N.T.S.



G CORNER WOOD FRAMING
SCALE: N.T.S.

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