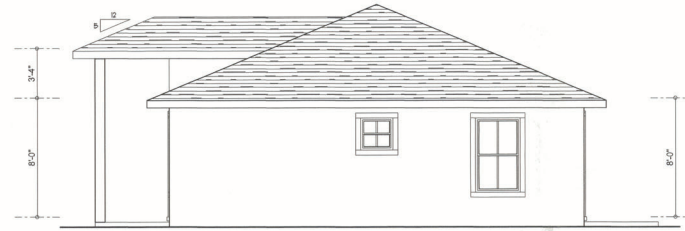
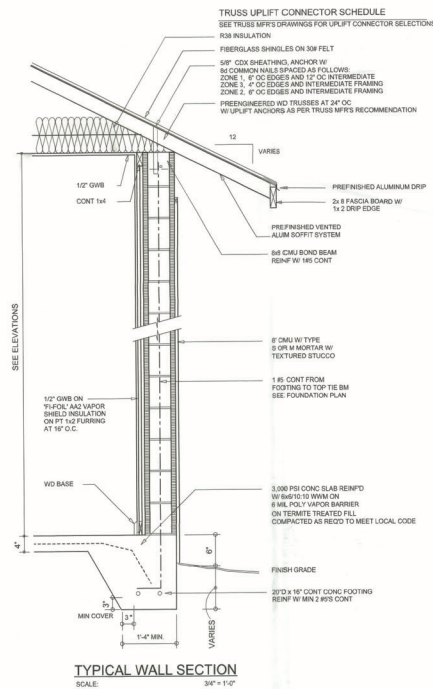




LEFT ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS



REVISIONS	DATE	BY	APP
October 24, 2024			
SOFTPLAN			

EXTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"
TYPICAL WALL SECTION
SCALE: 3/8" = 1'-0"

A CUSTOM HOME DESIGN FOR:
DAVID REYES
PROJECT ADDRESS: 165 NE SHELLY GLEN, LAKE CITY, FLORIDA 32055

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438 NW COMMERCIAL DR. STE 150
LAKE CITY, FL 32055
(386) 755-8406
www.wmdesign.com

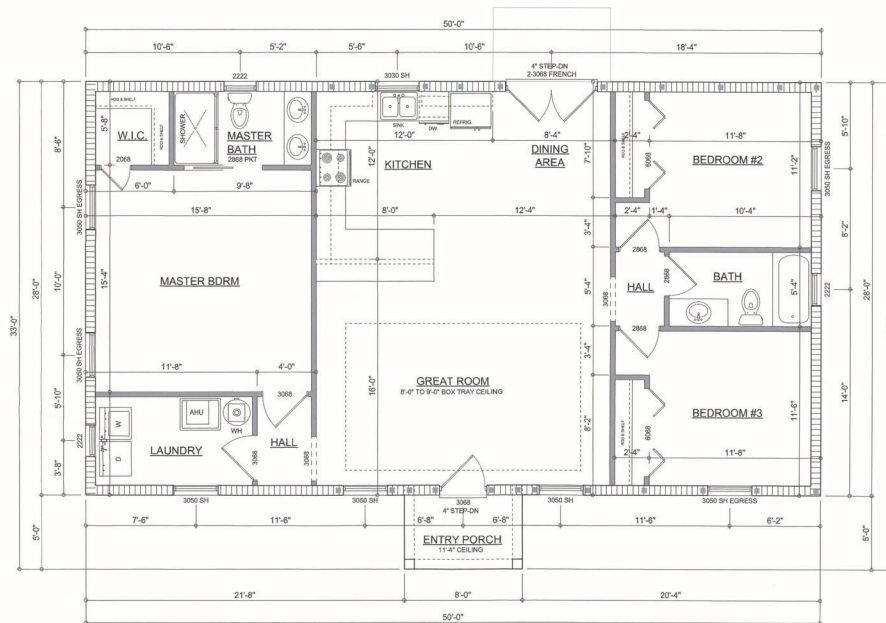


JOB NUMBER
20240923

SHEET NUMBER

A.1

WLC-777
02257



DIMENSIONED FLOOR PLAN

SCALE: 1/8" = 1'-0"

NOTE: ALL WALLS SHALL BE 8'-0" UNLESS OTHERWISE NOTED.

AREA SUMMARY

LIVING AREA 1,400 S.F.

ENTRY PORCH AREA 40 S.F.

TOTAL AREA 1,440 S.F.

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
October 15, 2024

SOFTPLAN

DIMENSIONED FLOOR PLAN
SCALE: 1/8" = 1'-0"

A CUSTOM HOME DESIGN FOR:
DAVID REYES
PROJECT ADDRESS: 165 NE SPINLEY ALEN, LAKE CITY, FLORIDA 32055

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405 NW COMMERCIAL DR. STE 100
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(386) 758-8406
info@wmgroupinc.com



JOB NUMBER
20240923

SHEET NUMBER

A.2

W. C. M.

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (AFCI & TAMPER RESISTANT)
	220V OUTLET
	GFI DUPLEX OUTLET (PER NEC 408.8)
	TELEVISION JACK
	ETHERNET JACK
	CIRCUIT FOR MINI-SPLIT A/C UNIT
	SMOKE / CARBON MONOXIDE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

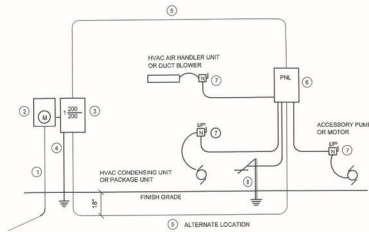
NOTE:
ALL INTERIOR RECEPTACLES SHALL BE AFCI
(ARC FAULT CIRCUIT INTERRUPT) PER NEC 210.12 & TAMPER RESISTANT PER
NEC 408.11

ALL INTERIOR & EXTERIOR LIGHTING SHALL MEET OR EXCEED THE MIN. 75% HIGH-EFFICIENCY
LIGHTING PER FBC-ENERGY CONSERVATION RADA.

ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR
AND SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE
INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS.
CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB
PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR
SHALL BE USED AS AN EQUIPMENT GROUND.

IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL
WORK PERFORMED AND EQUIPMENT INSTALLED MEETS OR EXCEEDS THE 2020 (NFPA-70) NATIONAL
ELECTRIC CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.

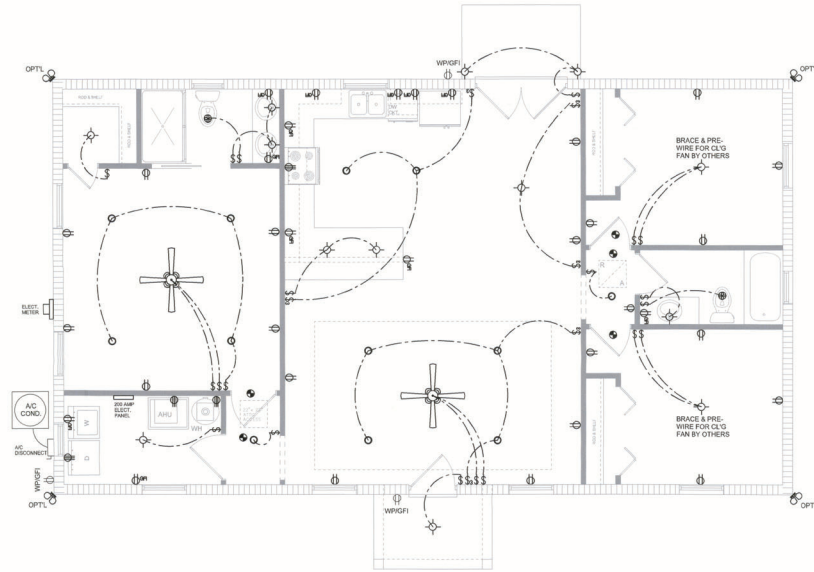


- Service/enter Entrance Conductors: 2" rigid conduit, min. 18" deep, in concrete. Ground clamping conductors. Service/Entrance Conductors shall not be spliced except at the listed termination of the Meter. Disconnecting Switch and Panel shall be allowed.
- Meter Enclosure, weatherproof, U.L. Listed.
- Main Disconnect Switch: fused or Main (BPO), weatherproof, U.L. Listed.
- Service entrance Ground: 7" - installed not a 6" or 8" long and/or concrete encased foundation shall not a 20" or long. Grounding Conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item 65, Table.
- 200 AMPERS SERVICE: 3-425-USE-Cu, 1-84-Cu-GND, 2" Conduit.
- House Panel (PANEL) U.L. Listed, sized per schedule.
- Equipment Disconnect Switch: non-fused, to weatherproof enclosure, size according to Panel Schedule book.
- Provide Ground Bond Wire to nearest piping, size in accordance with the Service Ground Conductor.

NOTE:
THE MINIMUM AIC RATING FOR PANEL BOARDS, BRKRS
AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.

ELECTRICAL RISER DIAGRAM: 200A

SCALE: NONE



ELECTRICAL PLAN

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

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
October 24, 2024

SOFTPLAN

ELECTRICAL PLAN

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

A CUSTOM HOME DESIGN FOR:
DAVID REYES

PROJECT ADDRESS: 165 NE SHELLY GLEN, LAKE CITY, FLORIDA 32055

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LAKE CITY, FL 32025
(386) 755-8406
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JOB NUMBER
20240923

SHEET NUMBER

A.3

W. C. M.

REVISIONS	DATE
0	October 24, 2024



PROJECT ADDRESS: 105 NE SWELY GLEN, LAKE CITY, FLORIDA 32066
--

A CUSTOM HOME DESIGN FOR:
DAVID REYES
PROJECT ADDRESS: 105 NE SWELY GLEN, LAKE CITY, FLORIDA 32066



NICHOLAS PAUL BEATTY
REGISTERED ARCHITECT
N.C.A.A.E. Certified

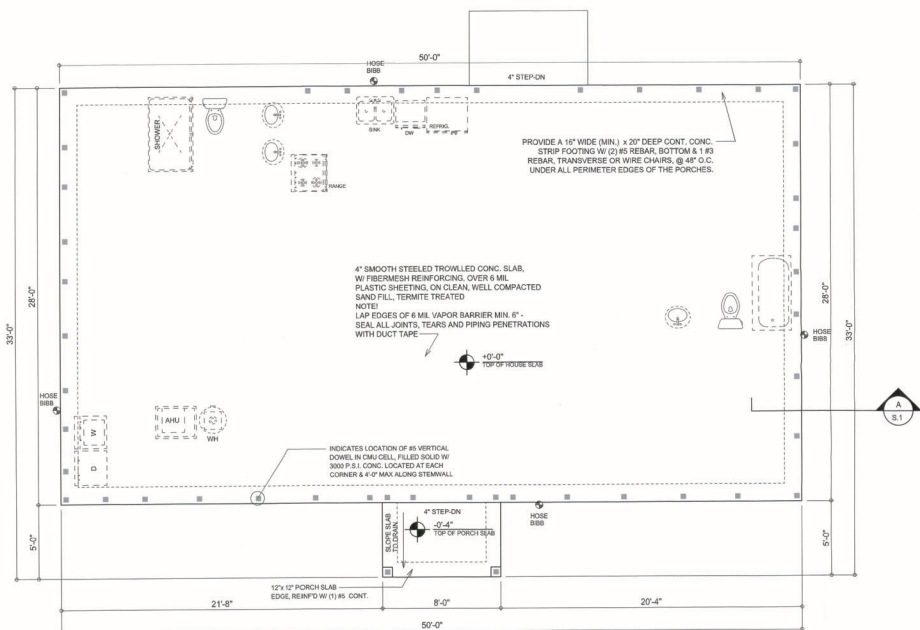
JOB NUMBER
20240923

SHEET NUMBER
S.1
OF 4 SHEETS

CONCRETE / MASONRY / METALS GENERAL NOTES:

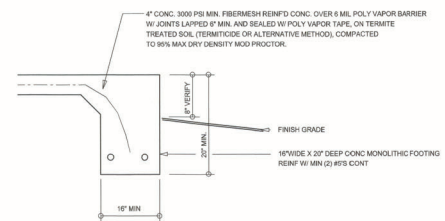
- DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615. ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX P_c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX P_c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-80 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F_m = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH. BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 2X4 PT WOOD BILL, CONT. ALL AROUND, W/ 5/8" A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 6" FROM EACH CORNER, EA. WAY, & WITHIN 6" FROM ALL WALL OPENINGS / ENDS - 1/2" A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.

NOTE!
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING LOCATION CONDITIONS PER THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING LOCATIONS OR ANY POINT LOADS OF 4.0 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN. TAKING THESE LOADS INTO CONSIDERATION, THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF RENDERING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

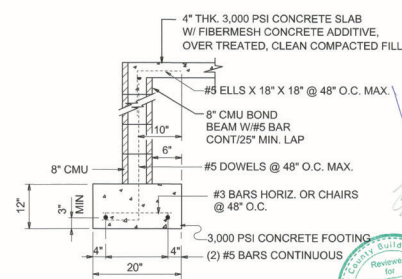


FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

INTERIOR BEARING WALLS:
IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THE TRUSS ENGINEERING ANY AND ALL INTERIOR BEARING WALL LOCATIONS AND FURNISH THE ENGINEER OR ARCHITECT OF RECORD TRUSS INFO SO THICKENED FOOTINGS CAN BE SIZED AND LOCATED ON THE FOUNDATION PLAN.



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



SECTION (optional)
SCALE: 3/4" = 1'-0"

- NOTE:**
THE DESIGN WIND SPEED FOR THIS PROJECT IS 140 MPH PER 2023 FBC (8TH EDITION) AND LOCAL JURISDICTION REQUIREMENTS.
- NOTE:**
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.
- NOTE:**
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.
- NOTE:**
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK, LOG, SIZES, LINES, EQUIPMENT SCH & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

[illegible][illegible]

6" PRECAST w/ 2" REINFORCING PLATES									
GRAVITY									
MARK	LENGTH	TYPE	SP-10	SP-10C	SP-10D	SP-10E	SP-10F	SP-10G	SP-10H
L-2	4'-0" (5')	PRECAST	1485	1021	642	4382	2470	1481	5278
L-3	4'-0" (5')	PRECAST	1021	1021	642	4382	2470	1481	5278
L-4	4'-0" (5')	PRECAST	1021	1485	758	214	3620	1481	5278
L-5	4'-0" (5')	PRECAST	1021	1485	758	214	3620	1481	5278
L-6	3'-0" (3')	PRECAST	789	832	820	502	2258	584	1076
L-7	3'-0" (3')	PRECAST	832	789	820	502	2258	584	1076
L-8	3'-0" (3')	PRECAST	832	789	820	502	2258	584	1076
L-9	3'-0" (3')	PRECAST	832	789	820	502	2258	584	1076
L-10	3'-0" (3')	PRECAST	832	789	820	502	2258	584	1076
L-11	4'-0" (5')	PRECAST	645	762	971	1253	886	242	244
L-12	4'-0" (5')	PRECAST	645	762	971	1253	886	242	244
L-13	4'-0" (5')	PRECAST	645	762	971	1253	886	242	244
L-14	4'-0" (5')	PRECAST	645	762	971	1253	886	242	244
L-15	4'-0" (5')	PRECAST	645	762	971	1253	886	242	244
L-16	4'-0" (5')	PRECAST	645	762	971	1253	886	242	244
L-17	4'-0" (5')	PRECAST	645	762	971	1253	886	242	244
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L-23	4'-0" (5')	PRECAST	645	762	971	1253	886	242	244
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L-100	4'-0" (5')	PRECAST	645	762	971	1253	886	242	244

SHOP DRWG COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERED SHOP DRAWING LOADS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS. THE TRUSS ENGINEERED SHOP LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS MAY BE MATCHED TO STANDARD PRODUCT UPLIFT RATINGS FOR COMPARABLE UPLIFT CONNECTORS, AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS OR AS APPROVED BY THE BUILDING OFFICIAL.

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.

TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

NOTICE:

THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL AND NATIONAL CODES, RULES AND REGULATIONS, N.F.GIESLER, ARCHITECT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE AND FEDERAL), IF YOUR CITY REQUIRES AN ENGINEER'S SEAL FOR THE INTEGRAL PORTIONS OF THE WORK, YOU WILL NEED TO HIRE THAT ONE LOCALLY BY A QUALIFIED, LICENCED PROFESSIONAL ENGINEER.

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

NOTE:
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES NOTED ABOVE

SCALE: 1/2" = 1'-0"

NOTE: ALL DRAWINGS NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

TRUSSER SHALL BE DESIGNED BY A LICENSED ENGINEER AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" TRUSS DESIGN STANDARD. THE DESIGNER SHALL BE RESPONSIBLE FOR THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOD DRAWINGS SHALL INCLUDE TRUSS DESIGN PLACEMENTS AND PLACEMENTS OF TRUSSES. TRUSS SHOD DRAWINGS SHALL BE PLACED IN A SEPARATE SET SEALED BY THE DESIGNING ENGINEER.

UPON DEVELOPMENT OF TRUSS SHOD DRAWINGS, ADJUSTMENTS TO THE ARCHOR JOINTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND LIFT REQUIREMENTS OF TRUSSER OR JOINTS. THE CONTRACTOR SHALL MAKE NECESSARY ADJUSTMENTS TO THE TRUSSER JOINTS TO MEET THE DESIGNER'S PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS TRUSSER.

R-1 SEE EXTERIOR ELEVATIONS FOR ROOF PITCH

R-2 ALL OVERHANGS 18"
UNLESS OTHERWISE NOTED

R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD-3

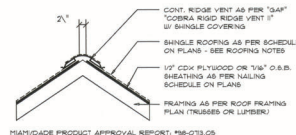
R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS

R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

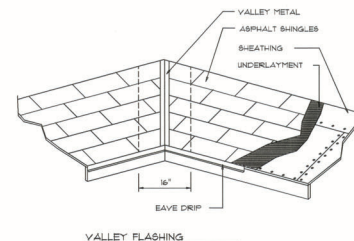
NOTE:

SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 1" RING-SHANK NAILS - AS PER DETAIL ON SHEET 8.4

NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER 2023 FBC (8TH EDITION),
AND LOCAL JURISDICTION REQUIREMENTS.



SCALE: 3/4" = 1'-0"



ROOFING METALS for FLASHING/ROOFING			
MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in.)	GAGE	WEIGHT (OZ.)
COPPER			36
ALUMINUM	0.024		
STAINLESS STEEL		30	
GALVANIZED STEEL	0.0178	36 (ING COATED G90)	
ZINC ALLOY	0.021		
LEAD			40
PAINTED TERNE			20

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Gable / Hip Construction, Wood Trusses @ 24" O.C.
Walls: 8" CMU W/ (1) #5 VERTICAL @ 48" O.C. MAX.
Floor: 4" Thk. Concrete Slab W/ Fiberglass Concrete Additive
Foundation: Continuous monolithic footing or Stem Wall Foundation system

ROOF DECKING

Material: 1/2" CDX Plywood or 7/16" O.S.B.
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing
Fasteners: 10d Ring-Shank Nails per schedule on sheet S.4

SHEARWALLS

Material: 8" CMU W/ (1) #5 VERTICAL @ 48" O.C. MAX AND BESIDE EACH OPENING

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SIMPSON HETEL 16 W TSS
Truss Anchors (FRAME): SIMPSON H2 5A (OR EQUIVALENT), W/ 6 - 10d NAILS
Porch Column Base Connector: SIMPSON ABU44/ABU66 @ each column
Porch Column to Beam Connector: SIMPSON EP44 or 66 /PC44 or 66 @ each column

FOOTINGS AND FOUNDATIONS

Footings: House walls: 20"x 18" W/ (2) #5 Bars Cont. on slabs or (1) #3 Transverse @ 24" O.C.
Optional Stemwall: 8" CMU W/ #5 Vertical Steel @ 48" O.C.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE (9TH EDITION) INCLUDING: CODES AND SPECIFICATIONS, ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
2. WIND LOAD CRITERIA: RISK CATEGORY: 2, EXPOSURE "C"
BASED ON ANH/ASCE 7-10, 2023 FBC 1608-A WIND VELOCITY: V_W = 140 MPH
V_W = 108 MPH
3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF
4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL 40 PSF
BALCONIES 60 PSF
5. WIND NET UPLIFT: ARE AS INDICATED ON PLANS

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR INSPECTION AND TREATMENT CONTRACT RENEWAL, SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1816.2
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1603.4.4
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1603.4.4
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6".
EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH (LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL). FBC 1603.1.6
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2
7. BOXED AREAS IN CONCRETE FLOOR 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. FBC 1816.1.3
8. MINIMUM 6 MIL. VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION, IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT. RETREATMENT IS REQUIRED. FBC 1816.1.4
9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6
11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.4
12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7
13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERNEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF/RMODEL	CAP.
TRUSS TO WALL:	"SIMPSON" HETEL 16 W TSS	1410#
PORCH BEAM TO POST (4x4):	SIMPSON PC44/EP44	1700#
PORCH BEAM TO POST (6x6):	SIMPSON PC66/EP66	1700#
PORCH POST TO FND.:	SIMPSON ABU44 or ABU 66	2200#
MISC. JOINTS	SIMPSON A34	315W/240#

NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.
NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.
NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.
NOTE:
"SEMCO" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #95-0818.15
NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04
SECC1 NER-443, NER-593

NONCOMBUSTIBLE FIREBLOCK

2x SCAB TO REDUCE OPENING

ADD 2x FIREBLOCK CUT BETWEEN STUDS

PENETRATIONS

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILINGS AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPAK" MULTIFLEX SEALANT
4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS. FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

A

BUILDING COMPONENTS & CLADDING LOADS
MEAN BUILDING HEIGHT + 30.0', EXPOSURE "B"
ROOF ANGLE 1° TO 2°

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
8	1.00	1.31	1.41
20	1.00	1.39	1.88
30	1.00	1.39	1.88

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
8	1.00	1.31	1.41
20	1.00	1.39	1.88
30	1.00	1.40	1.88

BUILDING COMPONENTS & CLADDING LOADS
MEAN BUILDING HEIGHT + 30.0', EXPOSURE "B"
ROOF ANGLE 2° TO 45°

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
8	1.00	1.31	1.41
20	1.00	1.39	1.88
30	1.00	1.40	1.88

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
8	1.00	1.31	1.41
20	1.00	1.39	1.88
30	1.00	1.40	1.88

BUILDING COMPONENTS & CLADDING LOADS
MEAN BUILDING HEIGHT + 30.0', EXPOSURE "B"
ROOF ANGLE 45° TO 90°

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
8	1.00	1.31	1.41
20	1.00	1.39	1.88
30	1.00	1.40	1.88

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
8	1.00	1.31	1.41
20	1.00	1.39	1.88
30	1.00	1.40	1.88

General Roofing NOTES:

- DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.
- SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT IS REQUIRED.
- UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE 1, OR ASTM D 4861, TYPE 1.
- SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF-ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1875.
- ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.
- FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS. MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.
- ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOF'S LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3141 OR NA-24 NA 101-66.
- UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FORM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 16 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
- FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
- BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFG'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL, OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.
- VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:
1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1507.3.2.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 16 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1875.
- NOTE 111
ROOF SHINGLES SHALL BE AS MANUFACTURED BY "ANKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:
GLASS-SEAL AR
ELITE GLASS-SEAL AR
HERITAGE 30
HERITAGE 40 AR
HERITAGE 50 AR
- THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE 1 MODIFIED TO 110 MPH WINDS & FBC TAS 100, USING 4 NAILS/SHINGLE.

REVISIONS
October 24, 2024

SOFTPLAN

A CUSTOM HOME DESIGN FOR:
DAVID REYES
PROJECT ADDRESS: 160 NE SHILLY GLEN, LAKE CITY, FLORIDA 32065

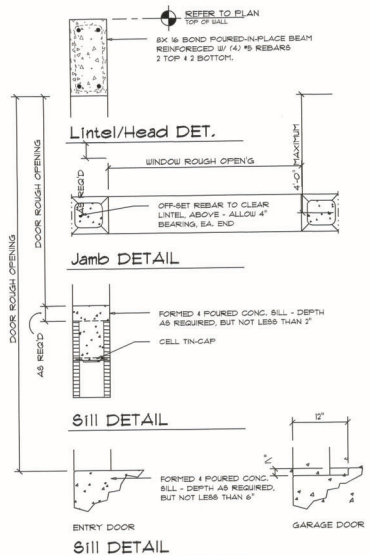
25 Oct 2024

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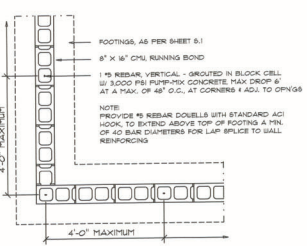
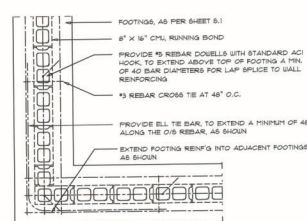
NICHOLAS GERBER ARCHITECTS
11000 NW 11th Ave, Suite 104
Lake City, FL 32065
(407) 985-1335
N.C.A.A.R. Certified

JOB NUMBER
20240923

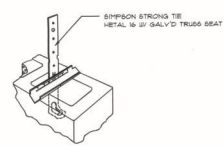
SHEET NUMBER
S.3
OF 4 SHEETS



Masonry Opn'g DET'S
SCALE: 1" = 1'-0"



Wall/Foundation Reinf'g DETAIL
SCALE: 1/2" = 1'-0"



Truss Anchor DETAIL
SCALE: 1/2" = 1'-0"

CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1500 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS. TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE UTILITY OF THE SUB-GRACE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GCI SHALL BE PLACED IN 3" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 90% AS MEASURED BY A TIGHTENING PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 500 SF OF BUILDING PAD AREA OR REACTION TURNER FOR EACH 12' LIFT.
- REINFORCING STEEL SHALL BE GRADE 40 AND MEET THE REQUIREMENTS OF ASTM A631. ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A631 - 70% YIELD STRENGTH < 60 KI.
- CONCRETE SHALL BE STANDARD MIX P/C = 3000 PSI FOR ALL FPGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX P/C = 3000 PSI STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. FINISH, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - P/C = 3000 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH. BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

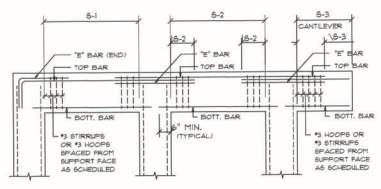
TERMITE PROTECTION NOTES:

- SOIL CHEMICAL BARRIER METHOD:
- A PERMANENT SIGN (SUCH CENTERS THE TERMITE TREATMENT PROVIDOR AND NEED FOR REINFORCEMENT AND TREATMENT CONTRACT RENEWAL) SHALL BE PROVIDED. THE SIGN SHALL BE LOCATED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 503.4.6
 - CONDENSATE AND ROOF DRAINOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 503.4.4
 - IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 503.4.4
 - TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, RETURN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6" EXCEPT: PAINT AND DECORATIVE COVERINGS FINISH LESS THAN 3/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 503.4.6
 - INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 503.4.1
 - SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOVED OR FORCED. FBC 503.4.2
 - POURED AREA IN CONCRETE FLOOR 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. FBC 503.4.3
 - MINIMUM 6" VAPOR BARRIER MUST BE INSTALLED TO PROTECT AGAINST RADIANT HEAT LOSS. IF RADIANT OCCURS BEFORE VAPOR BARRIER PLACEMENT, RETREATMENT IS REQUIRED. FBC 503.4.4
 - CONCRETE OVERPOUR AND PORTLAND ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 503.4.5
 - SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE FOOTINGS. FBC 503.4.6
 - AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED SHALL BE RETREATED. FBC 503.4.4
 - ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 503.4.1
 - 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 MUST BE SIGNED BY THE BUILDING DEPARTMENT. A COMPLETE TREATMENT FOR THE PREVENTION OF SUBSEQUENT TERMITE INFESTATION SHALL BE PROVIDED. THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. FBC 503.4.6
 - AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAGES, THE TRAP BOARDS, FORMS, EXCHANGING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 503.4.3
 - NO WOOD VENTILATION STOPS, CARBONADO TRAPS, ETC. SHALL BE BURIED WITHIN 8'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 503.4.4

WOOD STRUCTURAL NOTES

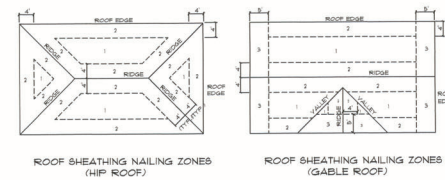
- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION REQUIRED FOR SAFE AND STABLE CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO ENGAGED, TEMPORARY PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDE LINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE ENGINEERED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD JOISTS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN 1/2" W/4" W/4" OR BETTER.
- CONNECTIONS FOR WOOD TRUSSING SHALL BE GALVANIZED METAL OR BLACK METAL, AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"					
DOOR	AREA	WIND 110 MPH	WIND 120 MPH	WIND 130 MPH	WIND 140 MPH
1	10	12.0/-19.8	14.8/-23.7	17.5/-27.8	20.3/-32.3
1	20	11.4/-19.4	13.8/-23.0	16.0/-27.0	18.5/-31.4
1	50	10.0/-18.8	11.9/-22.2	13.9/-28.0	16.1/-30.2
2	10	12.5/-34.7	14.9/-41.3	17.5/-48.4	20.3/-56.2
2	20	11.4/-31.9	13.6/-38.0	16.0/-44.8	18.5/-51.7
2	50	10.0/-28.2	11.9/-33.6	13.9/-38.4	16.1/-45.7
3	10	12.5/-51.3	14.9/-61.0	17.5/-71.6	20.3/-83.1
3	20	11.4/-47.8	13.8/-55.1	16.0/-67.0	18.5/-77.7
3	50	10.0/-43.5	11.9/-51.8	13.9/-60.8	16.1/-70.5
4	10	21.8/-23.6	25.9/-34.7	30.4/-33.0	35.3/-38.2
4	20	20.8/-22.5	24.7/-28.9	29.0/-31.6	33.7/-36.9
4	50	18.5/-21.3	23.2/-25.4	27.2/-28.8	31.6/-34.6
5	10	21.8/-29.1	25.9/-34.7	30.4/-40.7	35.3/-47.2
5	20	20.8/-27.2	24.7/-32.4	29.0/-38.0	33.7/-44.0
5	50	18.5/-24.6	23.2/-29.3	27.2/-34.3	31.6/-39.8

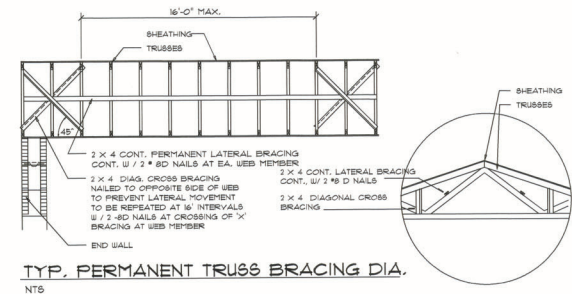


BOTTOM BARS - TOP BARS - 1/2" BENDING DIA.: CAST-IN-PLACE CONCRETE BEAMS & SLABS
SCALE: NONE

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			6" H. & C. EDGE 6" H. & C. FIELD
2	1/2" x 1/2" O.S.B. OR 1/2" x 1/2" CDX	10d Ring-Shank Nails	6" H. & C. EDGE 6" H. & C. FIELD
3			4" H. & C. = GABLE ENDWALL OR GABLE TRUSS 6" H. & C. EDGE 6" H. & C. FIELD



Roof Nail Pattern DET.
SCALE: NONE



Truss Bracing DETAILS
SCALE: AS NOTED

- GENERAL BEAM SCHEDULE NOTE:
- SCHEDULED HOOPS OR STIRRUPS SHALL BE PLACED AT EACH END OF BEAM UNLESS NOTED OTHERWISE. STIRRUPS SHALL BE TYPE #4 UNLESS NOTED OTHERWISE. SHALL BE TYPE 1-3 TYPICAL OR AS BAR BENDS UNLESS NOTED OTHERWISE.
 - BUNDLE ALL STRUCTURAL BEAM TOP BARS IN PAIRS OVER SUPPORTS WITH TOP BARS FROM ADJACENT BEAMS.
 - ALL CONCRETE BEAMS STRUT THAN THOSE WITH THE PRESTRESS TIE SHALL BE POURED PRIOR TO PLACING OF BLOCK BELOW.
 - ALL TIE BEAM REINFORCING SHALL BE CONTINUOUS THROUGH THE BEAMS ONLY. ALL SPLICES SHALL BE A MINIMUM OF 30 BAR DIAMETERS.
 - ALL TIE BEAM TOP REINFORCING SHALL EXTEND INTO SPAN OF ANY ADJACENT STRUCTURAL BEAM AS PER BEARING DIAGRAM.
 - DROP BOTTOM OF THE BEAMS AS REQUIRED AT WINDOW AND DOOR HEADS (2" MAXIMUM) AND ADD 2" BOTTOM IF DROP EXCEEDS 8".
 - TIE BEAM SCHEDULED DEPTH AND MINIMUM MAY BE INCREASED 18" MAXIMUM TO 18" BLOCK WORK.
 - ALL ADDED LONGITUDINAL BEAM REINFORCING SHALL EXTEND A MINIMUM OF 6" INTO SUPPORT UNLESS NOTED OTHERWISE.
 - MARK "C" IN REINFORCING COLUMN BETWEEN TWO BEAMS INDICATES THAT REINFORCING SHALL BE CONTINUOUS THROUGH THESE TWO BEAMS.

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT	EXPOSURE 'B'	EXPOSURE 'C'	EXPOSURE 'D'
15	1.00	1.21	1.47
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66