

GENERAL NOTES

- 1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING SITE CONDITIONS PRIOR TO PLACEMENT OF MATERIALS.
- 2. IF EXISTING CONDITIONS DIFFER FROM THOSE INDICATED ON THE PLANS, IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE DESIGN ENGINEER FOR MODIFICATIONS BEFORE CONTINUING CONST.
- ALL MATERIALS SHALL BE INSTALLED AS PER MANUF. RECOMMENDATIONS AND PRODUCT DATA UNLESS OTHERWISE SPECIFIED.
- ALL NOTES WITHIN THE CONSTRUCTION DOCUMENTS SHALL SUPERSEDE THE DRAWINGS, WRITTEN DIMENSIONS SHALL SUPERSEDE OVER THE SCALE OF DRAWINGS AND ANY NECESSARY DIMENSIONS NOT INDICATED SHALL BE VERIFIED WITH THE PROJECT DESIGNERS.
- ALL NOTES SHALL BE CONSIDERED AS TYPICAL (TYP.) UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE CONSTRUCTION WHICH CONFORMS WITH ALL APPLICABLE REGULATIONS, CODES, AND LOCAL JURISDICTION OF SUCH. ALL REASONABLE ATTEMPTS HAVE BEEN MADE TO VERIFY EXISTING CONDITIONS AND TO ADAPT THE DESIGN
- ACCURDINGLY, DRAWINGS ARE PROVIDED TO CONVEY DESIGN INTENT AND ARE NOT INTENDED TO DETERMINE CONSTRUCTION METHODS OR PROCEDURES, NOR TO SUBSTITUTE FOR SPECS, SHOP DRAWINGS, ETC. OF SUBCONTRACTORS AND/OR SUPPLIERS.
- 3. ALL ELECTRICAL, MECHANICAL AND PLUMBING SHALL CONFORM TO NATIONAL, STATE AND LOCAL CODES.
- 4. ALL STRUCTURAL CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON OR EQ.
- 5. CONCRETE SHALL HAVE A UNIFORM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS MIN.
- 6. ALL CONCRETE BLOCKS SHALL BE STANDARD WEIGHT BLOCKS CONFORMING TO A.S.T.M. C-90, GRADE N-2 WITH F'M=2000 PSI. MIN. LAID IN RUNNING BOND WITH TYPE M OR S MORTAR.
- 7. ALL FILLED CELL MASONRY SHALL BE BUILT TO PRESERVE THE UNDBSTRUCTED VERTICAL CONTINUNITY OF THE CELL TO BE GROUTED.
- 8. ALL MORTAR FINS OR OTHER CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE INSIDES OF THE WALLS OF THE CELLS TO BE FILLED W/ GROUT. ALL CELLS TO BE FILLED SHALL BE FILLED SOLID WITH GROUT.
- 9. WHERE SHOWN, CORES OF BLOCK MASONRY SHALL BE FILLED SOLID WITH GROUT OR PEA GRAVEL CONC. WITH MIN. COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, GROUT SLUMP = 8"-10".
- 10. FOOTINGS ARE DESIGNED FOR A SOIL BEARING PRESSURE OF 2000 PSF. ADJUST TO LOCAL CONDITIONS AND VERIFY AT RANDOM LOCATIONS BEFORE PROCEEDING WITH CONSTRUCTION.
- 11. ALL SLABS ON GRADE (UNLESS NOTED OTHERWISE) SHALL BE 4" THK. MIN. AND REINF. WITH 6x6/10-10 W.W.M., LAP MESH 8" AT EDGES AND ENDS. PLACE MOISTURE BARRIER BENEATH FLOOR SLABS, 6 MIL VISQUEEN OR EQUAL.
- 12. REINFORCING STEEL SHALL BE DEFORMED NEW BILLET STL. CONFORMING TO A.S.T.M. GRADE 40 (A615). ALL DETAILING AND ACCESSORIES SHALL CONFORM TO TYPICAL DETAILS SHOWN IN THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONC. STRUCTURES ACI 315, LATEST EDITION, NO WELDING OF REBAR SHALL BE ALLOWED WITHOUT APPROVAL OF THE DESIGN ENGINEER.
- 13. ALL CONT. VERT. AND HORIZ. REBARS IN FOOTINGS. WALLS, FOUNDATIONS, SLABS AND OTHER CONC. SHALL BE LAP SPLICED, WERE NECESSORY OR DESIRABLE, BY WIRING TOGETHER IN CONTACT, LENGTH OF LAPS SHALL BE 42 BAR DIAMETERS OR 25" MIN. WHICHEVER IS GREATER.
- 14. PROVIDE CONTINUOUS ANCHORAGE FROM THE TRUSSES TO THE FOOTING.
- 15. PRE-ENGINEERED TRUSSES SHALL BE DESIGNED FOR WIND AND GRAVITY LOADS AS NOTED.
- 16. PROVIDE TEMPORARY TOP CHORD BRACING UNTIL THE ROOF DECK IS IN PLACE.
- 17. JUISTS AND PUSTS SHALL BE STRESS GRADED SUUTHERN YELLOW PINE #2 OR EQ. Fb= 1,200 PSI, E= 1,400,000 PSI. WITH M.C. 🛛 F 19% MAX.
- 18. STUDS SHALL BE STRESS GRADED STD. AMERICAN LUMBER SPECIES, Fb= 625 PSI., Fc 400 PSI. MIN., E= 1,400,000 PSI., WITH 19% M.C. MAX.
- 19. ALL WOOD FRAMING SHALL BE FABRICATED AND INSTALLED PER A.I.T.C., T.P.I. AND NATIONAL DESIGN SPECIFICATIONS FOR WOOD FRAMING.
- 20. ALL WOOD STRUCTURAL MEMBERS SHALL BE CONTROLLED STRESS GRADE LUMBER HAVING FIBER STRESS OF AT LEAST 1,200 PSI.
- 21. ALL WOOD MEMBERS EXPOSED TO WEATHER OR IN CONTACT W/ MASONRY OR CONCRETE SHALL BE PRESSURE TREATED UNLESS OTHERWISE NOTED.
- 22. WINDOW SIZES NOTED ARE NOMINAL SIZES AND SHALL MEET CURRENT S.B.C. REQUIREMENTS FOR EGRESS IN SLEEPING ROOMS.
- 23. ALL INTERIOR STUDS SHALL BE 2x4 AT 16" O.C. UNLESS OTHERWISE NOTED. DIMENSIONED 3.5"
- 24. ADJUST MECHANICAL ANCHORS AS REQUIRED FOR TRUSS MEMBER LOADS AS INDICATED IN MANUF., S SHOP DRAWINGS AND VERIFY W/ PROJECT ENGINEER.

SMOKE DETECTOR NOTE:

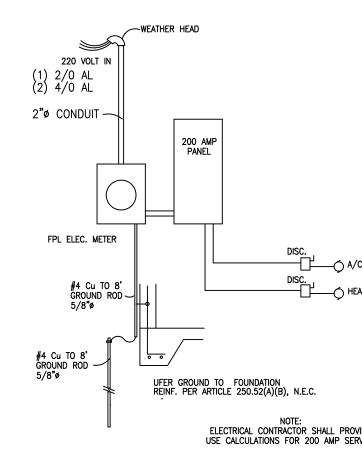
SMOKE DETECTORS SHALL BE INSTALLED BOTH INSIDE AND OUTSIDE EACH BEDROOM. THE OUTER DETECTORS SHALL BE WITHIN 8' OF THE BEDROOM ENTRANCE. ALL SMOKE DETECTORS TO BE HOT WIRED INTO AN A/C ELECTRICAL POWER SOURCE AND EQUIPPED WITH MONITORED BATTERY BACKUP. DETECTORS TO BE WIRED SUCH THAT ACTUATION OF ONE ALARM WILL ACTUATE ALL

SMOKE DETECTORS TO BE A MIN. OF 3 FEET FROM ALL BATHROOM DOORS

A CARBON MONOXIDE DETECTOR SHALL BE INSTALLED WITHIN 8' OF EACH BEDROOM ENTRANCE

NOTE:

- 1. DUCT PENETRATIONS THRU GARAGE WALLS AND CEILING SEPARATING THE GARAGE FROM THE RESIDENCE SHALL CONSTRUCTED WITH A MIN. 26 GAGE SHEET STEEL OR 1" MIN. RIGID NON-METALIC CLASSO OR CLASS 1 DUCT BOARD.
- 2. PROVIDE VACUUM BREAK AT HOSE BIB. 3. PROVIDE SAFETY DEVICE, TRAP & THERMAL EXPANSION DEVICE AT WATER HEATER



AS A DESIGN GUIDE FOR THE ELECTRICAL CONTRACTOR. IT IS THE ELEC. CONTRACTORS RESPONSIBILITY TO PERFORM LOAD CALCULATIONS AND ADJUST ELEC. SERVICE AS REQUIRED. ALL ELECTRICAL WORK SHALL BE INSTALLED AS PER THE N.E.C., LATEST EDITION.

ALL RECEPTACLES MUST BE TAMPER PROOF. ALL CIRCUITS REQUIRED TO BE ARC FAULT INTERRUPT PROTECTED SHALL ATTACH TO AFI BREAKERS AS PER THE N.E.C., 2017

ALL ELECTRICAL WORK SHALL BE INSTALLED AS PER THE N.E.C., 2017 ED.

ELECTRICAL SYMBOL

LEGEND

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CLG. FAN

TRACK LIGHT

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<u>⊕⊕⊕⊕</u> WALL MT. BAR L

FLOOD LIGHT

FLOOD LIGHT

TV JACK

DATA RECEPTACLE

G.F.C.I. DUPLEX

220 V

□PENER

220 V SPECIAL

FIELD LOCATE FLOOR OUTLET

F EXHAUST FAN

J-BOX FIXTURE

R RECESS LIGHT

PHONE JACK

120 V. DUPLEX

120 V GFCI DUPLEX WATERPROOF RECEPT. EM.

CARBON MONOXIDE

SMOKE DETECTOR

CATEGORY 5 DATA CABLE

ELEC. METER

WALL PACK L

1x4 FLUORESCENT CLG. FIXTURE

2x4 FLUORESCENT CLG. FIXTURE

2x2 FLUORESCENT CLG. FIXTURE

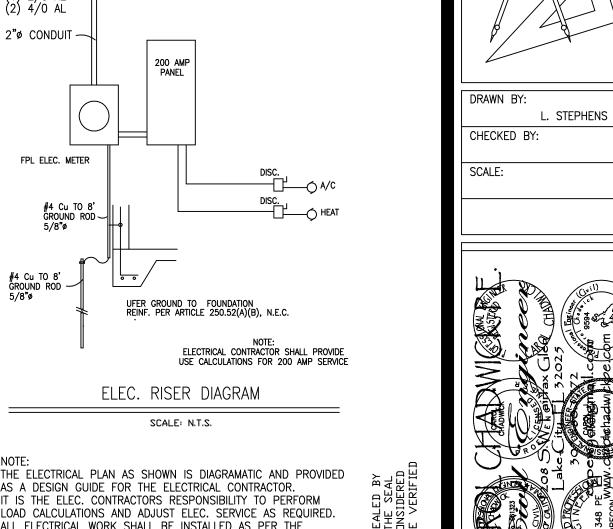
WALL SCONSE L

COMBO EM. & EXIT LT. "X"

EMERGENCY LT.

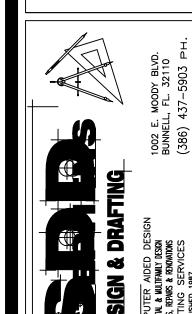
EXIT LIGHT

ELEC. DISCONNECT



Digitally signed by Carol Chadwick DN: c=US, o=Florida, dnOualifier=A01410 D0000017EB6D924 CE0005954C, cn=Carol Chadwick Date: 2022.10.27 12:26:58 -04'00'

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REVISIONS

DATE OCT. 2,22 DEBRAL22A1 SHEET No.: **A.O**'

1 OF 6SHEET

DRAWING No.:



DESIGN CODES: ☐ FLORIDA BLDG. CODE, "BUILDING", 2020 ED. ☐ FLORIDA BLDG. CODE, "RESIDENTIAL", 2020 ED. ☐ FLORIDA BLDG. CODE, "EXISTING", 2020 ED. ☐ FLORIDA BLDG. CODE, "ACCESSIBILITY", 2020 ED. ☑ F.B.C., "PLUMBING", MECHANICAL", 2020 ED. □ NFPA 101, LIFE SAFETY CODE, 2018 ED. ■ NATIONAL ELECTRIC CODE, "N.E.C.", 2017 ED.

OCCUPANCY CLASSIFICATION: GROUP R-3, SINGLE FAMILY RESIDENTIAL CONSTRUCTION TYPE: I □ II □ III □ IV □ V 🗵 AB AB AB AB PROTECTED: ☐ UNPROTECTED: ☒

FIRE SPRINKLER SYSTEM: YES: □ NO: 🛛 MEAN ROOF HEIGHT: 20'4"± M.R.HGT. STRUCTURE DESIGN PERAMETERS:

OPEN STRUCT. □ ENCL. STRUCT. ☒ INTERNAL PRESSURE COEF.: I.P.C.= +.18/-.18 BASIC WIND SPEED: 120:□ 125:□ 130:□ 135:⊠ 140:□ WIND BORNE DEBRIS REGION: YES: ☐ NO: ☑ WIND EXPOSURE CATEGORY: B: ☑ C: □ D: □

OCCUPANCY CATEGORY: 0.C.= II (RISK CATEGORY) ROOF LIVE LOAD: 20 PSF ROOF WIND LOAD: ±40PSF ROOF DEAD LOAD: 15PSF (WITHOUT STORAGE) 20PSF W/ LIMITED STORAGE FLOOR LL: 40PSF, FLOOR DL: 20PSF _____ ALL STRUCTURAL AND ARCHITECTURAL COMPONENTS AND CLADDING SHALL BE DESIGNED TO WITHSTAND WIND PRESSURES OF +30.4 & -40.7 PSF AS GENERATED BY 130 MPH WIND LOADS MEASURED AT MEAN ROOF HGT. (FOR WORST CASE OPNG. WITHIN CORNER ZONE)

GRO	DSS SQ.	. FOOTAGE	
LIVING	=	1,536	SQ. FT.
COV. PORCH	=	2,000	SQ. FT.
TOTAL	=	3,536	SQ. FT.

COL./BEAM DETAIL

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

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	GRO	SS SQ.	FOOTAGE	
LIVIN	NG	=	1,536	SQ. FT.
C□V.	P□RCH	=	2,000	SQ. FT.
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