

ANNA REEK RUN PLANTATIO PETER PROJECT ADDRESS: LC

SECTION

© WN PESIGN &
ASSICIATES, INC.
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LAKI CITY, FL 32025
(385) 758-8406
wi@willmyers.net



JO3 NUMBER 20210121

SHET NUMBER

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JOB NUMBER 2(210121

SHEET NUMBER

IN CAME

1,807 S.F.

484 S.F.

172 S.F.

2,463 S.F.

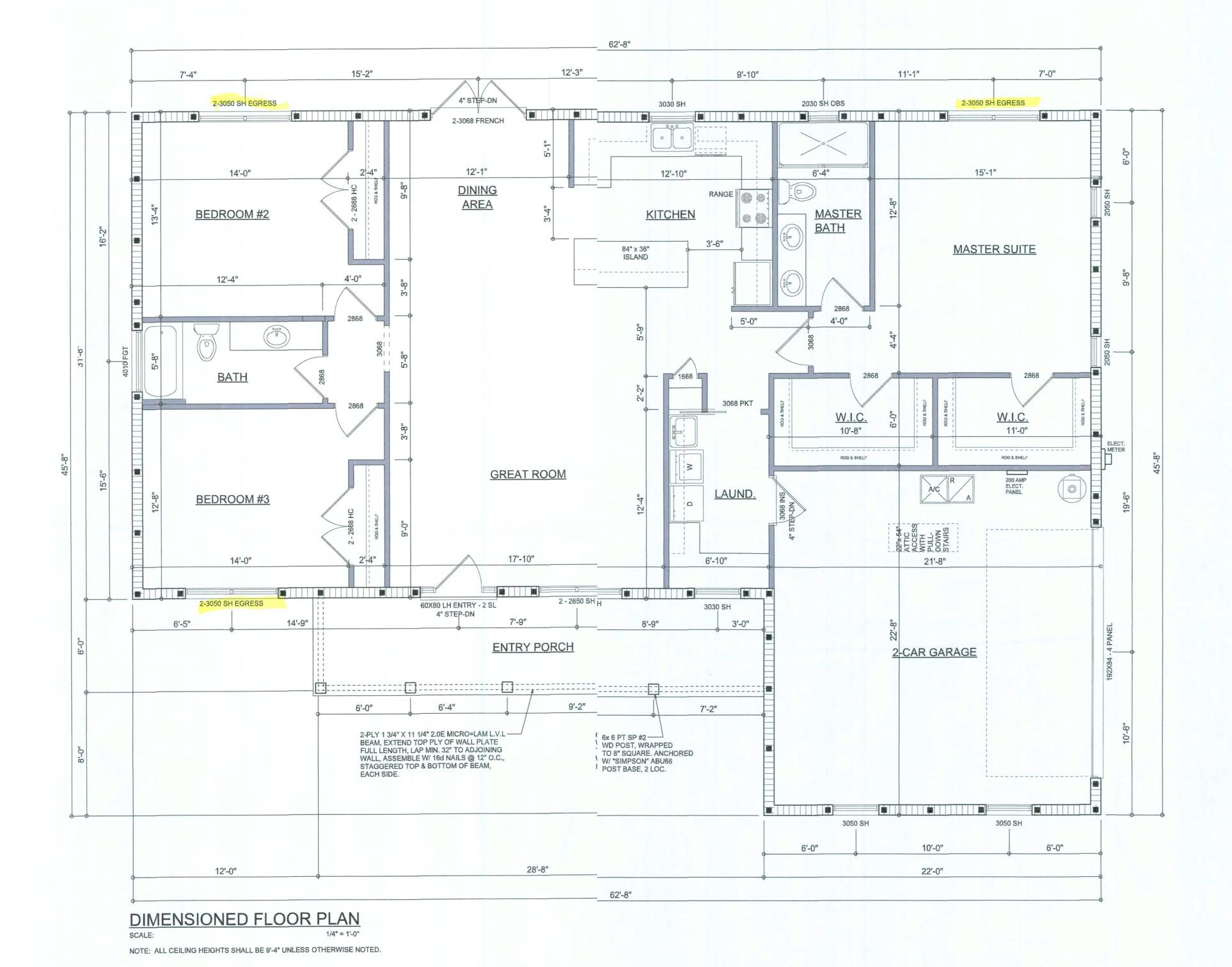
AREA SUMMARY

LIVING AREA

GARAGE AREA

TOTAL AREA

ENTRY PORCH AREA



Garage fire separations shall comply with the following:

1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum ½-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type) x gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not less than 13/8 innches (34.9 mm) thick, or doors in compliance with Section 715.3.3. Openings from a private garage directly intho a room used for sleeping purposes shall not be permitted.

 Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no openings into the garage.

3. A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.

 When installing an attic access and/or pull-down stair unit in the garage, devise shall have a minimum 20 min. fire rating. ELECTRICAL LEGEND

(PRE-WIRE FOR LIGHT KIT)

CEILING FAN

ALL INTERIOR RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT) PER NEC 210.12 & TAPER RESISTANT PER

3 WAY WALL SWITCH

48" FLOUR. 2 OR 4 TUB FLUORESCENT FIXTUE

WATER PROOF GFI OUTLET

ALL INTERIOR & EXTERIOR LIGHTING SHALL MEET OR EXEED THE MIN. 75% HIGH-EFFICIENCY LIGHTING PER FBC-ENERGY CONSERVATION R404.

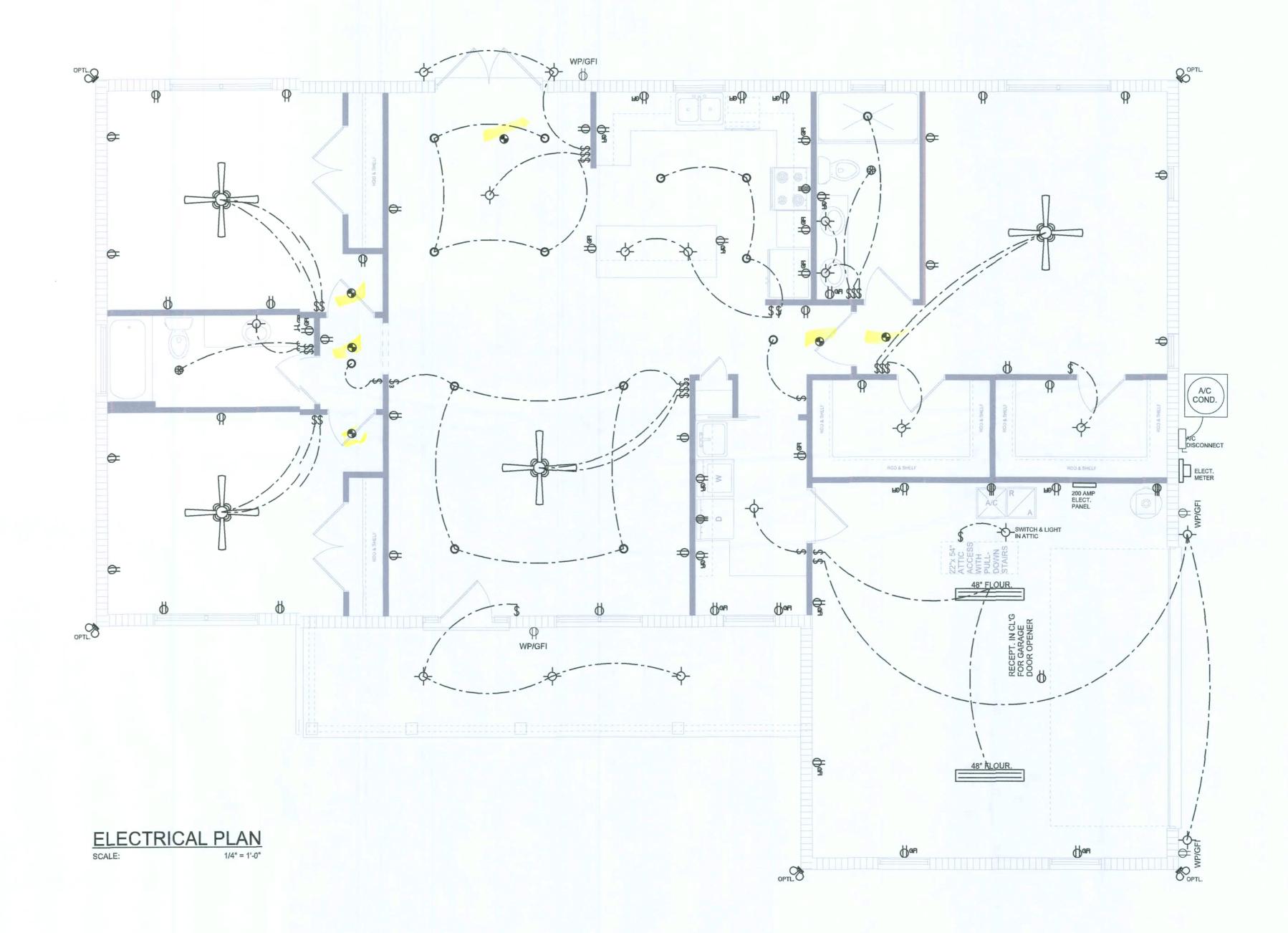
ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBOMONOXIDE DETECTOR AND SHALL HAVE BATTERY BACKUP POWER

THE ELECTRICAL SERVICE OVERCURRENT PROTECTIODEVICE SHALL BE

AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTATED THEY ALL ACTIVATE.

INSTALLED ON THE EXTERIOR OF STRUCTURES TO SEFE AS A DISCONNECT MEANS.
CONDUCTORS USED FROM THE EXTERIOR DISCONNECNG MEANS TO A PANEL OR SUB
PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.

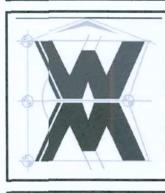
IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPUSIBILITY TO INSURE THAT ALL WORK PERFORMED AND EQUIPMENT INSTALLED MEETOR EXCEEDS THE 2017 (NFPA-70) NATIONAL ELECTRIC CODE AND ALL OTHER LOCAL CODES AND OXINANCES.



SOFTPIAN ARCHECTURAL DESIGN SOFTWARE

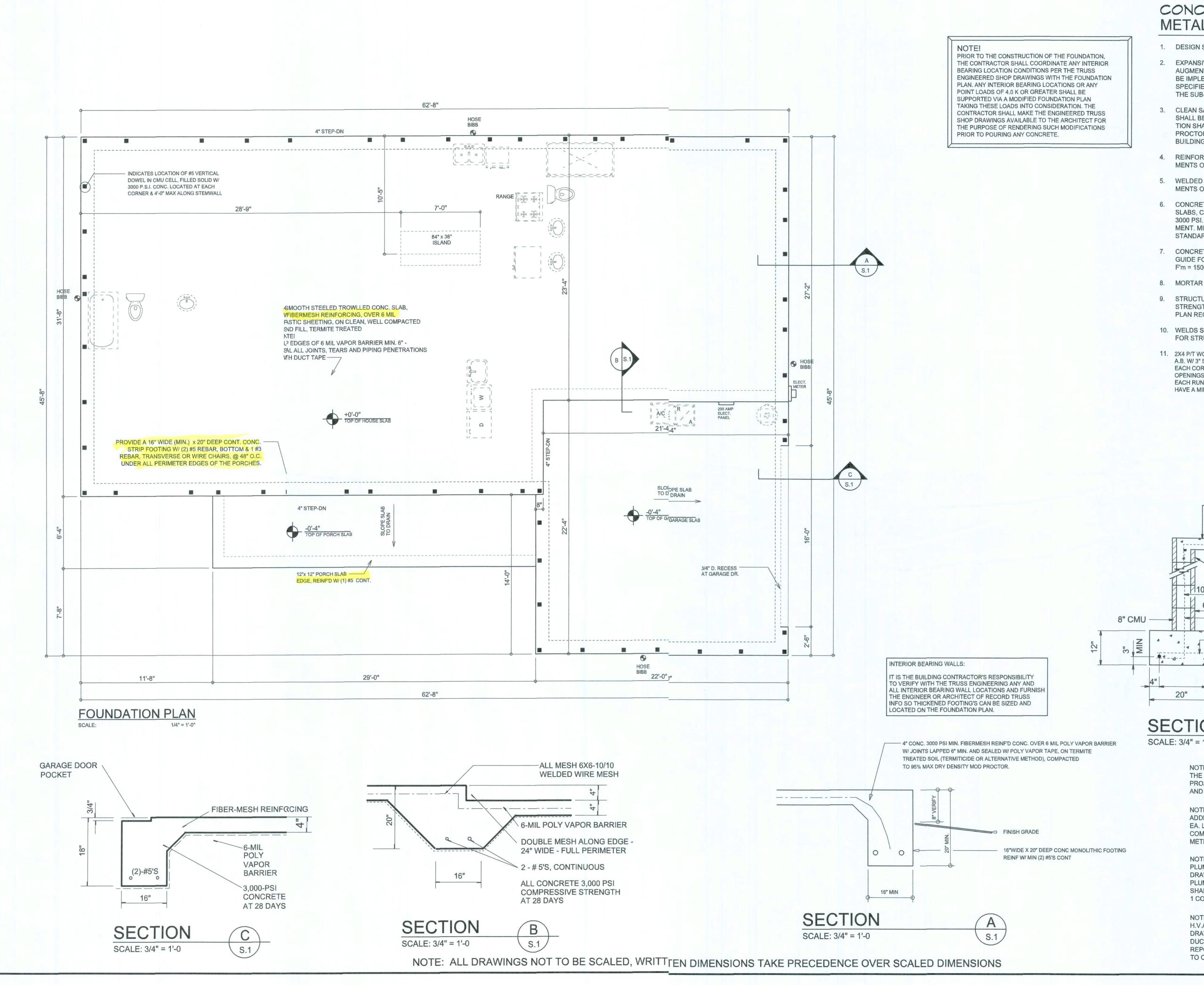
ANN REEK RUN PLANT

© WM DESIGN & A530CIATE.5, INC. 426 SW (OMMERCE DR. STE 130 LAKE CITY, FL 32025 (336) 758-8406 vill@willmyers.net



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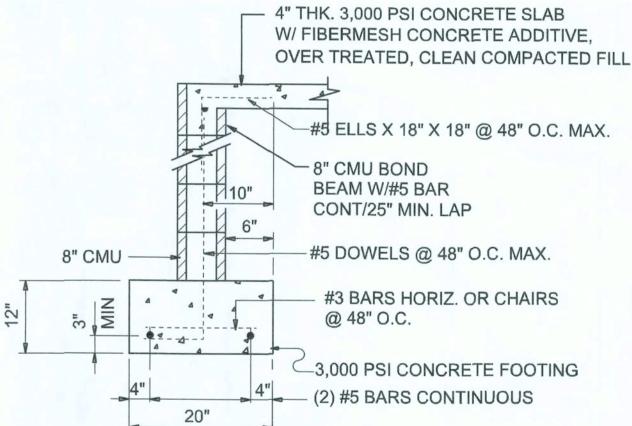
CONCRETE / MASONRY / **METALS GENERAL NOTES:**

1. DESIGN SOIL BEARING PRESSURE: 1000 PSF.

2. 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 PREFORMED 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 COMPAC-TION 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.

- 4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIRE-MENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- 5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIRE-MENTS OF ASTM A185 - MIN. YEILD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACE-MENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- 7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH F'm = 1500 PSI.
- 8. 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.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 11. 2X4 P/T WOOD SILL, 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.



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

> THE DESIGN WIND SPEED FOR THIS PROJECT IS 140 MPH PER 2020 FBC (7TH EDITION) AND LOCAL JURISDICTION REQUIREMENTS

ADDED FILL SHALL BE APPLIED IN 8" LIFTS -EA. LIFT SHALL BE CONPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONT'R SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONT'R SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

SOTTPLAN

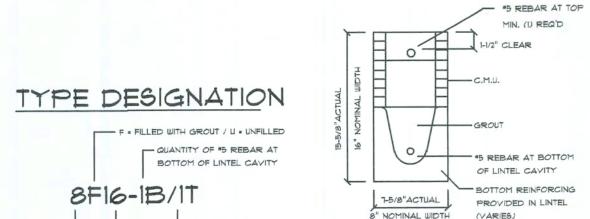
Z 49 MC H

O L W F

JOE NUMBER 20210121

SHEET NUMBER

5. OF4 SHEETS



PRE-CAST LINTELS . LANAI COLUMNS

DETAIL A/3 REBAR AT TOP PRE-CAST LINTEL OVER GARAGE DOOR

8" PRECAST & PRESTRESSED U-LINTELS

					GF	RAVIT	Y			
		TYPE		8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
MARK	LENGTH		8118	8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-IB	8F28-IB	8F32-IB
				3166	4473	6039	7526	9004	10472	11936
LI	2'-10" (34")	PRECAST	23/02	3166	4473	6039	7526	9004	10472	11936
				3138	3377	4689	6001	7315	8630	9947
L2	3'-6" (42")	PRECAST	23/02	3166	4473	6039	7526	9004	10472	11936
				2325	2496	3467	4438	5410	6384	7358
L3	4'-0" (48")	PRECAST	2029	2646	4473	6039	7526	9004	10472	11936
				רפרו	1913	2657	3403	4149	4896	5644
L4	4'-6" (54")	PRECAGT	1651	2170	4027	6039	7526	9004	10472	9668
				1223	1301	1809	2317	2826	3336	3846
L5	5'-4" (64")	PRECAST	1184	1665	2889	5057	6096	5400	6424	7450
				1000	1059	1474	1889	2304	2721	3137
L6	5'-10" (70")	PRECAST	972	1459	2464	4144	5458	4437	5280	6122
				1255	2101	3263	2746	3358	3971	4585
LT	6'-6" (78")	PRECAST	937	1255	2101	3396	5260	7134	8995	6890
				1029	1675	2385	1994	2439	2886	3333
LB	7'-6" (90")	PRECAST	767	1029	1675	2610	3839	5596	6613	5047
				632	1049	1469	1210	1482	1754	2027
19	9'-4" (112")	PRECAST	573	768	1212	1818	2544	3469	4030	3127
				482	802	1125	9/5	1122	1328	1535
LIO	10'-6" (126")	PRECAST	456	658	1025	1514	2081	2774	3130	2404
_				598	935	1365	1854	2355	1793	2015
LII	11'-4" (136")	PRECAST	445	598	935	1365	1854	2441	3155	4044
				545	864	1254	1689	2074	1570	1818
L12	12'-0" (144")	PRECAST	414	555	864	1254	1693	2211	2832	3590
				427	726	1028	1331	1635	1224	1418
L13	13'-4" (160")	PRECAST	362	485	748	1076	1438	1855	2343	2920
				381	648	919	1190	1462	1087	1260
L14	14'-0" (168")	PRECAST	338	455	700	1003	1335	1714	2153	2666
				NR	NR	NR	NR	NR	NR	NR
LIS	14'-8" (176")	PRESTRESSED	N.R.	465	765	1370	2045	2610	3185	3765
				NR	NR	NR	NR	NR	NR	NR
L16	15'-4" (184")	PRESTRESSED	N.R.	420	695	1250	1855	2370	2890	3410
				NR NR	NR	NR	NR	NR	NR	NR
L17	17'-4" (208")	PRESTRESSED	N.R.	310	530	950	1400	1800	2200	2600
				NR	NR	NR	NR	NR	NR	NR
LIB	19'-4" (232")	PRESTRESSED	N.R.	240	400	750	1090	1400	1720	2030
				NR NR	NR.	NR	NR	NR	NR	NR
L19	21'-4" (256")	PRESTRESSED	N.R.		+	610	940	1340	1780	2110
				183 NR	330 NR	NR	NR.	NR NR	NR	NR
L20	22'-0" (264")	PRESTRESSED	N.R.		_	570	870	1250	1660	1970
				160	300 NR	NR	NR	NR	NR	NR
				NR	NK	NK	NR.	NIC	ide	NIC

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

L21 24'-0" (288") PRESTRESSED N.R. 130 240 470 120 1030 1350 1610

				GRAVITY							
			TYPE		8RF6-OB	SRFIO-OB	BRF14-OB	SRFIS-OB	SRF22-OB	SRF26-OB	8R7-0E
MARK	LENGT	Н	TIPE	8RU6	8RF6-IB	BRF10-IB	SRF14-IB	SRFIS-IB	SRF22-IB	SRF26-IB	SRO-IB
			and the same of th		1591	3053	2982	3954	4929	5904	60
L22	4'-4"	(52")	PRECAST	1489	1827	3412	4982	6472	7947	9416	108
		20 mm			1449	2782	2714	3600	4487	5375	64
L23	4'-6"	(54")	PRECAST	1357	17102	3412	4982	6472	7947	9416	108
			and the second second		832	1602	1550	2058	2566	3075	35
L24	5'-8"	(68")	PRECAST	785	1153	2162	4074	6472	6516	5814	69
					779	1500	1449	1924	2400	2876	32
L25	5'-10"	(10")	PRECAST	735	1103	2051	3811	6472	6516	5450	4
					907	1677	2933	2576	3223	3872	4
L26	6'-8"	(80")	PRECA6T	822	907	1677	2933	4100	6730	8177	@T
					761	1377	2252	1958	2451	2944	29
L27	7'-6"	(90")	PRECA6T	665	764	1377	2329	3609	5492	6624	2
					420	834	1253	1071	1342	1614	lá
L28	9'-8"	(116")	PRECAST	371	535	928	1497	2179	2618	3595	2

SHOP DWG 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 UPLIFT 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

PROJECT COORDINATION REQUIREMENTS

THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH &PLICABLE CODES

RULES AND REGULATIONS, N.P.GEISLER, ARCHITCT CANNOT WARRANT COMPLIANCE WH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SIT CONDITIONS. IT IS

THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCRE IS BUILT IN STRICT

COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE, AND FEERAL), IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORTIONS OF THE WOK,, YOU WILL NEED

AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL COES

TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENCED PROFESSIONAL ENGINEER

GENERAL TRUSS NOTES:

TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND IT'S CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES, TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.

2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.

3. FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIRMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS, THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE, ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS

Roof Framing PLAN

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

ALL PENETRATIONS OF THE TITOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITHTH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING 3 OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-O" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 88'-O", PENETRATIONS THROUGH SUCH BLOCKING SHALL BE THREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABO'DVE

ANCHOR ALL TRUSSES'S WITH "SIMPSON"

HETEL 16 WW/ TSS -

(L7)

BEAM, EXTEND TOP PLY OF WALL PLATE

FULL LENGTH, LAP MIN. 32" TO ADJOINING

WALL, ASSEMBLE W/ 16d NAILS @ 12 S.C., STAGGERED TOP & BOTTOM OF BEAM, EACH SIDE.

6x 6 PT SP #2 ---

WD POST, WRAPPED

W/ "SIMPSON" ABU66L5

POST BASE, 2 LOC.

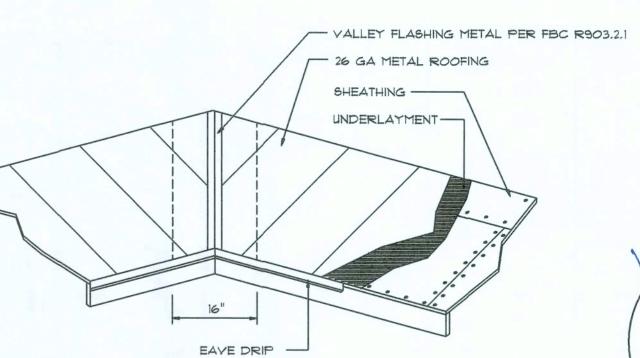
TO 8" SQUARE. ANCHORED

L23

AREA OF REGID LE NET FREE

CONT. RIDGE VENT AS PER "GAF" "COBRA RIGID RIDGE VENT II" W/ SHINGLE COVERING SHINGLE ROOFING AS PER SCHEDULE ON PLANS - SEE ROOFING NOTES - 1/2" CDX PLYWOOD OR 7/16" O.S.B. SHEATHING AS PER NAILING SCHEDULE ON PLANS - FRAMING AS PER ROOF FRAMING PLAN (TRUSSES OR LUMBER)

Ridge Vent DETAIL SCALE: 3/4" = 1'-0"



VALLEY FLASHING

- SIMPSON STRONG TIE HETAL 16 W/ GALY'D TRUSS SEAT

Triuss Anchor DETAIL

L4

L4

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

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS GAGE WEIGHT

	THICKNESS (in)	GAGE	(OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALYANIZED STEEL	er10.0	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.027		40 20

ROOF PLAN NOTES

R-1 SEE EXTERIOR ELEVATIONS FOR ROOF PITCH

R-2 ALL OVERHANG 18" UNLESS OTHERWISE NOTED

PROVIDE ATTIC VENTILATION IN AC-CORDANCE WITH SCHEDULE ON SD.3

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

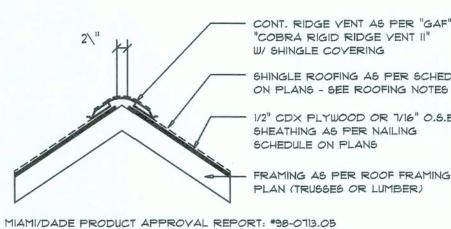
MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

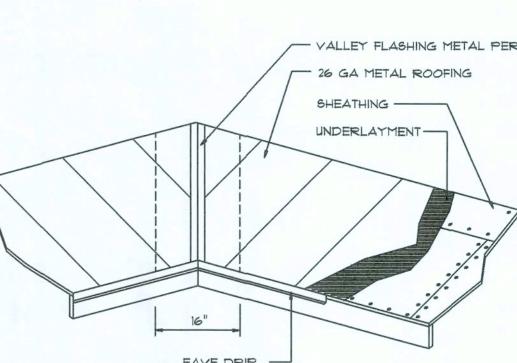
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON SHEET SD.4

+ 9'-4"

THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2017 PER R301.2.1.1 AND LOCAL JURISDICTION REQUIREMENTS

		INTAKE
1600 SF	20 LF	410 SQ.IN.
1900 SF	24 LF	490 SQ.IN
2200 SF	28 LF	570 5Q.IN
2500 SF	32 LF	650 SQ.IN
2800 SF	36 LF	730 SQ.IN
3100 SF	40 LF	820 SQ.IN
3600 SF	44 LF	900 SQ.IN
	1900 SF 2200 SF 2500 SF 2800 SF 3100 SF	1900 SF 24 LF 2200 SF 28 LF 2500 SF 32 LF 2800 SF 36 LF 3100 SF 40 LF





ANNA

A CUST

B

SOFTPIXN

JOB NUMBER 20210121

SHEET NUMBER

DF 4 SHEETS

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

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6

CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4

3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4

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 1403.1.6 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 RET-

ARDER 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 1816.1.6 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 DEPART-MENT BY # 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 CONS-

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'R/MODEL CCAP. "SIMPSON" HETEL 16 W/ TSS TRUSS TO WALL: 1·1410#

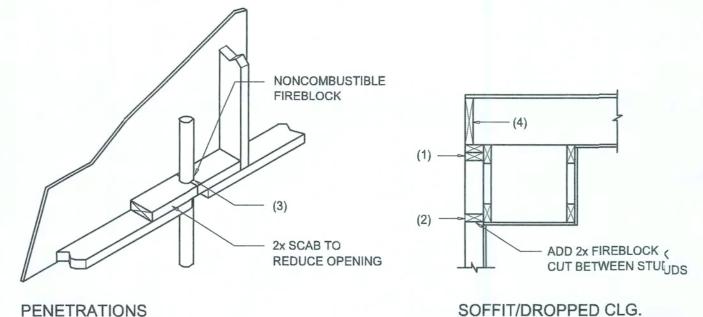
PORCH BEAM TO POST (4x 4): SIMPSON PC44/EPC44 1.1700# SIMPSON PC66/EPC66 PORCH BEAM TO POST (6x 6): 1 1700# PORCH POST TO FND.: SIMPSON ABU44 or ABU 66 2:2200# SIMPSON A34 MISC. JOINTS 3 315#/240#

ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE. REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

"SEMCO" PRODUCT APPROVAL: MIAMI/DADE COUNTY REPORT #95-0818.15

"SIMPSON" PRODUCT APPROVALS: MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04 SBCC1 NER-443, NER-393



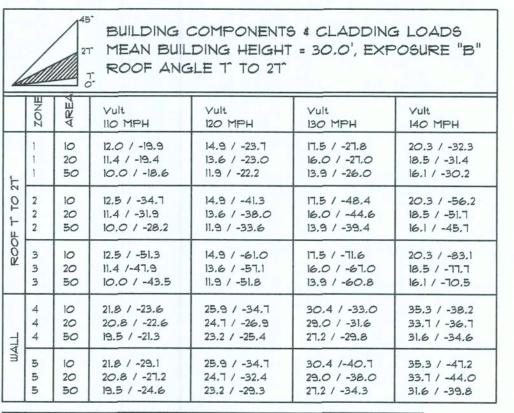
FIREBLOCKING NOTES:

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 CEILING 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 "PYROPANEL 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





HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING						
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE			
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			

		27	BUILDING (MEAN BUIL	COMPONENTS DING HEIGHT LE 27 TO 45	= 30.0', EXF	
	ZONE	AREA	Yult 110 MPH	Yult 120 MPH	Yult 130 MPH	Yult 140 MPH
45°	1 1	10 20 50	19.9 / -21.8 19.4 / -20.7 18.6 / -19.2	23.7 / -25.9 23.0 / -24.6 22.2 / -22.8	27.8 / -30.4 27.0 / -28.9 26.0 / -26.8	32.3 / -35.3 31.4 / -33.5 30.2 / -31.1
F 27 TO	2 2 2	10 20 50	19.9 / -25.5 19.4 / -24.3 18.6 / -22.9	23.7 / -30.3 23.0 / -29.0 22.2 / -27.2	27.8 / -35.6 27.0 / -34.0 26.0 / -32.0	32.3 / -41.2 31.4 / -39.4 30.2 / -37.1
ROOF	3 3 3	10 20 50	19.9 / -25.5 19.4 / -24.3 18.6 / -22.9	23.7 / -30.3 23.0 / -29.0 22.2 / -27.2	27.8 / -35.6 27.0 / -34.0 26.0 / -32.0	32.3 / -41.2 31.4 / -39.4 30.2 / -37.1
WALL	4 4 4	10 20 50	21.8 / -23.6 20.8 / -22.6 19.5 / -21.3	25.9 / -34.7 24.7 / -26.9 23.2 / -25.4	30.4 / -33.0 29.0 / -31.6 27.2 / -29.8	35.3 / -38.2 33.7 / -36.7 31.6 / -34.6
MM	555	10 20 50	21.8 / -29.1 20.8 / -27.2 19.5 / -24.6	25.9 / -34.7 24.7 / -32.4 23.2 / -29.3	30.4 /-40.7 29.0 / -38.0 27.2 / -34.3	35.3 / -47.2 33.7 / -44.0 31.6 / -39.8

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING					
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE	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		

General Roofing NOTES:

DECK REQUIREMENTS:

ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

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 4869, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET: SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1970.

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 SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS 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 3161 OR M-DC PA 107-95.

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 19 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/ MFGR'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 1507.3.9.2. 2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18

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 1970.

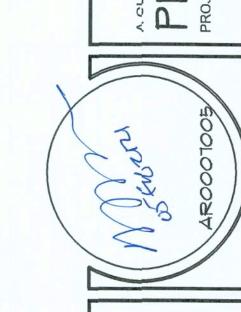
NOTE!!! ROOFSHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

> GLASS-SEAL AR ELITE GLASS-SEAL AR HERITAGE 30 AR 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

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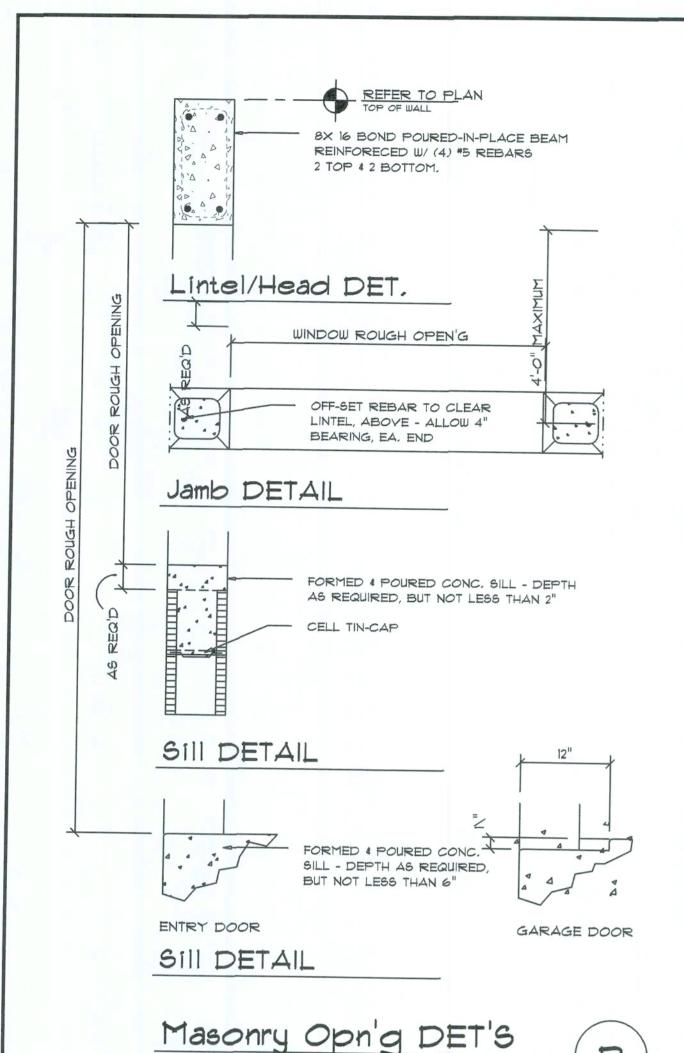
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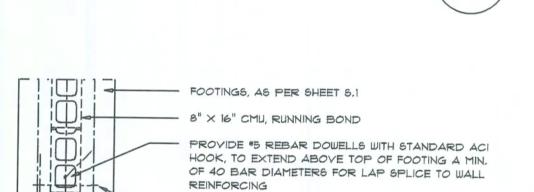
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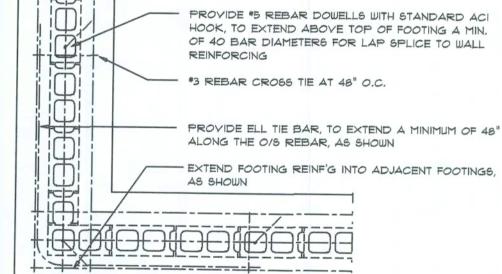
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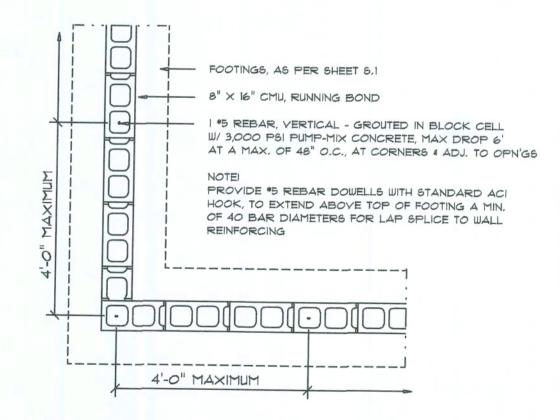
OF4 SHEETS

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

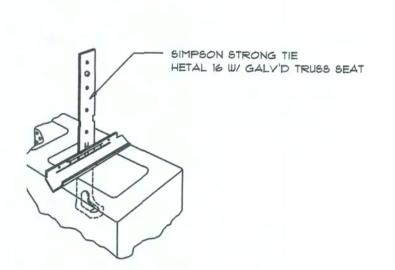








Wall/Foundation Reinf'g DETAIL SCALE: 1/2" = 1'-0"



russ Anchor DETAIL

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

CONCRETE / MASONRY / METALS GENERAL NOTES:

I. DESIGN SOIL BEARING PRESSURE: 1,000 PSF.

- 2 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 PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- 3 CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL COMPAC-TION 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,
- 4 REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIRE-MENTS OF ASTM AGIS, ALL BENDS SHALL BE MADE COLD.
- 5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIRE-MENTS OF ASTM A185 - MIN, YEILD STRESS = 85 KSI,
- 6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'C : 3000 PSI, STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACE-MENT, MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- 1. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR A6TM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH -
- 8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- 9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE | OR A325, A6 PER PLAN REQUIREMENTS.
- OWELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

TERMITE PROTTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

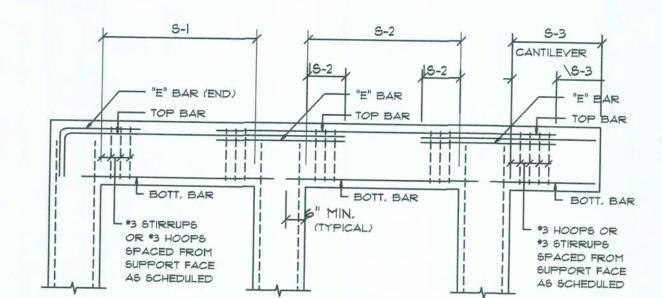
- I. A PERMANENT SIGN WHICH IDENTIFIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED, THE SIGN SHALL BE F POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6
- 2. CONDENSATE AND ROOF DOWNSF, POUTS SHALL DISCHARGE AT LEAST 1'-O"
 AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
- 3. IRRIGATION/6PRINKLER SYSTEMS S INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHTHIN I'-O" FROM BUILDING SIDE WALLS. FBC 1503,4,4
- 4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRAD, DE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVIVE CEMENTICUS FINISH LESS THAN 5/8"
 THICK ADHERED DIRECTLY TO THE F(FOUNDATION WALL, FBC 1403.1.6
- 5. INITIAL TREATMENT SHALL BE DONNE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
- 6. SOIL DISTURBED AFTER THE INITIALAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMMED. FBC 1816.1.2
- 1. BOXED AREAS IN CONCRETE FLOGOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITHTH PERMANENT METAL OR PLASTIC FORMS, PERMANENT FORMS MUST BE,E OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL IL AFTER THE INITIAL TREATMENT.
- 8. MINIMUM 6 MIL VAPOR RETARDER 2 MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION, IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS IS REQUIRED. FBC 1816.1,4 9. CONCRETE OVERPOUR AND MORTHAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIORR SOIL TREATMENT. FBC 1816.1.5
- 10. SOIL TREATMENT MUST BE APPLIETED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-O" OF THE STRUC CTURE SIDEWALLS. FBC 1816.1.6
- II. AN EXTERIOR VERTICAL CHEMICAL L BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDINING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VER RTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6 12. ALL BUILDINGS ARE REQUIRED TO 1, HAVE PER-CONSTRUCTION TREATMENT.
- 13. A CERTIFICATE OF COMPLIANCE MUJUST BE ISSUED TO THE BUILDING DEPART-MENT BY # LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED, THE CERRTIFICATE OF COMPLIANCE SHALL STATE:
 "THE BUILDING HAS RECEIVED A COMFIPLETE TREATMENT FOR THE PREVENTION
 OF SUBTERRANEAN TERMITES, THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DESEPARTMENT OF AGRICULTURE AND CONS-
- 14, AFTER ALL WORK IS COMPLETED, L LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-O" OF THE & BUILDING, THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHIHORING OR OTHER CELLULOSE CONTAINING

15. NO WOOD, VEGETATION, STUMPS, CA, ARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING, FBC 2303,1.4

WOOD STRUCTTURAL NOTES

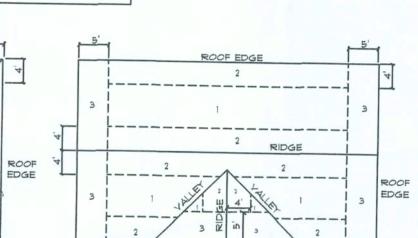
- TEMPORARY BRACING OF THE STRRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCCTION, SHALL BE THE SOLE RESPON-SIBILITY OF THE CONTRACTOR SO SENGAGED, TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALLL BE AS PER THE STANDARD GUIDE-LINES OF THE "TRUSS PLATE INSTITUTUTE",
- 2. ALL TRUSSES SHALL BE DESIGNED 3 BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED ANDID SEALED BY SAME, TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS(S, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SP PECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLOLATE INSTITUTE".
- 3. WOOD STUDS IN EXTERIOR WALLS & & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN Nr.2 HEM-FIR OF, R BETTER.
- 4. CONNECTORS FOR WOOD FRAMING'S SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED (OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOFOR THE LOADS AND USE INTENDED, REFER TO THE JOINT REINFORCEMEDENT SCHEDULE FOR PRINCIPLE CON-

	E N	UILD IEAN	ING COMPONI BUILDING HE	ENTS & (CLADI IGHT = 3\\\30.0', E	DING LOADS EXPOSURE "B"	
	ZONE	AREA	Vult 110 MPH	Vult 120 MF _{APH}	Vult 130 MPH	Vult 140 MPH
ROOF 7^ TO 27^ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 1 1	10 20 50	12.0 / -19.9 11.4 / -19.4 10.0 / -18.6	14.9 / -/ -23.7 13.6 / -/ -23.0 11.9 / -/ -22.2	17.5 / -27.8 16.0 / -27.0 13.9 / -26.0	20.3 / -32.3 18.5 / -31.4 16.1 / -30.2
	2	10 20 50	12.5 / -34.7 11.4 / -31.9 10.0 / -28.2	14.9 /41.3 13.6 /38.0 11.9 /33.6	17.5 / -48.4 16.0 / -44.6 13.9 / -39.4	20.3 / -56.2 18.5 / -51.7 16.1 / -45.7
	10 20 50	12.5 / -51.3 11.4 /-47.9 10.0 / -43.5	14.9 / -{ -61.0 13.6 / -{ -57.1 11.9 / -{ -51.8	17.5 / -71.6 16.0 / -67.0 13.9 / -60.8	20.3 / -83.1 18.5 / -77.7 16.1 / -70.5	
WALL	4 4 4	10 20 50	21.8 / -23.6 20.8 / -22.6 19.5 / -21.3	25.9 / -{ -34.7 24.7 / -{ -26.9 23.2 / -{ -25.4	30.4 / -33.0 29.0 / -31.6 27.2 / -29.8	35.3 / -38.2 33.7 / -36.7 31.6 / -34.6
W	5 5 5	10 20 50	21.8 / -29.1 20.8 / -27.2 19.5 / -24.6	25.9 / -3-34.7 24.7 / -3-32.4 23.2 / -2-29.3	30.4 /-40.7 29.0 / -38.0 27.2 / -34.3	35.3 / -47.2 33.7 / -44.0 31.6 / -39.8



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

NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING	
1	7/16 " 0.5.B. OR 15/32 CDX	8d COMMON OR	6 in. o.c. EDGE 12 in. o.c. FIELD	
2		8d HOT DIPPED	6 In. o.c. EDGE 6 In. o.c. FIELD	
3		BOX NAILS	4 in. o.c. @ GABLE ENDWA OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD	



ROOF SHEATHING NAILING ZONES (HIP ROOF)

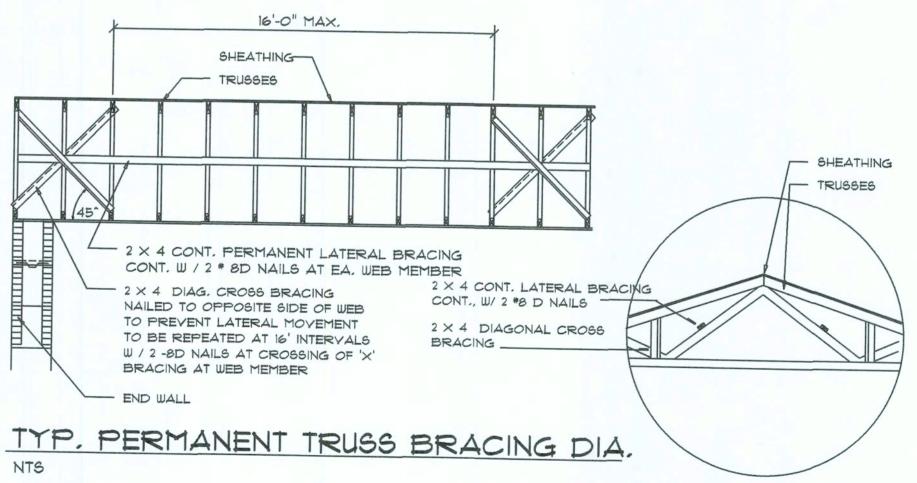
ROOF EDGE

4----- kX

ROOF SHEATHING NAILING ZONES (GABLE ROOF)

B





NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

Truss Bracing DETAILS

SCALE: AS NOTED

D

GENERAL BEAM SCHEDULE NOTE:

- I. SCHEDULED HOOPS OR STIRRUPS SHALL BE PLACED AT EACH END OF BEAM UNLEGS NOTED OTHERWISE. STIRRUPS SHALL BE TYPE 5-6 \$ HOOPS SHALLBE TYPE T-2 TYPICAL CRSI BAR BENDS UNLESS NOTED OTHERWISE.
- BUNDLE ALL STRUCTURAL BEAM TOP BARS IN PAIRS OVER SUPPORTS WITH TOP BARS FROM ADJACENT BEAMS.
- 3. ALL CONCRETE BEAMS OTHER THAN THOSE WITH THE PREFIX TB SHALL BE POURED PRIOR TO PLACING OF BLOCK BELOW.
- 4. ALL TIE BEAM REINFORCING SHALL BE CONTINUOUS THROUGH TIE BEAMS ONLY. ALL SPLICES SHALL BE A MINIMUM OF 30 BAR DIAMETERS.
- 5. ALL TIE BEAM TOP REINFORCING SHALL EXTEND INTO SPAN OF ANY ADJACENT STRUCTURAL BEAM AS PER BENDING DIAGRAM.
- 6. DROP BOTTOM OF TIE BEAMS AS REQUIRED AT WINDOW AND DOOR HEADS (28" MAXIMUM) AND ADD 2 *5 BOTTOM IF DROP EXCEEDS 6".
- 7. TIE BEAM SCHEDULED DEPTHS ARE MINIMUM AND MAY BE INCREASED (8" MAXIMUM) TO FIT BLOCK WORK,
- 6. ALL ADDED LONGITUDINAL BEAM REINFORCING SHALL EXTEND A MINIMUM OF 6" INTO SUPPORT UNLESS NOTED OTHERWISE,

9.	MARK "C" IN REINFORCING COLUMN BETWEEN TWO BEAMS INDICATES THAT REINFORCING SHALL BE CONTINUOUS THROUGH THESE TWO BEAMS.

HEIGHT 8	EXPOSURE AD DING COMPONE	JUSTMENT COI	EFFICIENTS
FOR BUIL		ENTS & CLADDI	NG
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE
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



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JOB NUMBER 20210121

SHEETNUMBER OF 4 \$HEETS

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