

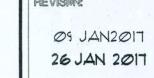
Private Small Aircraft Hanger for:

Brad Zoeller

Cannon Creek Airpark, 'Columbia County, Florida

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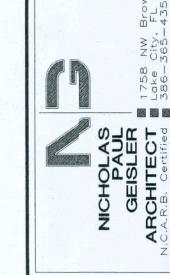
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URAD ZOELLER

NON CREEK AIRPARK, COLUMBIA COUNTY, FLOR





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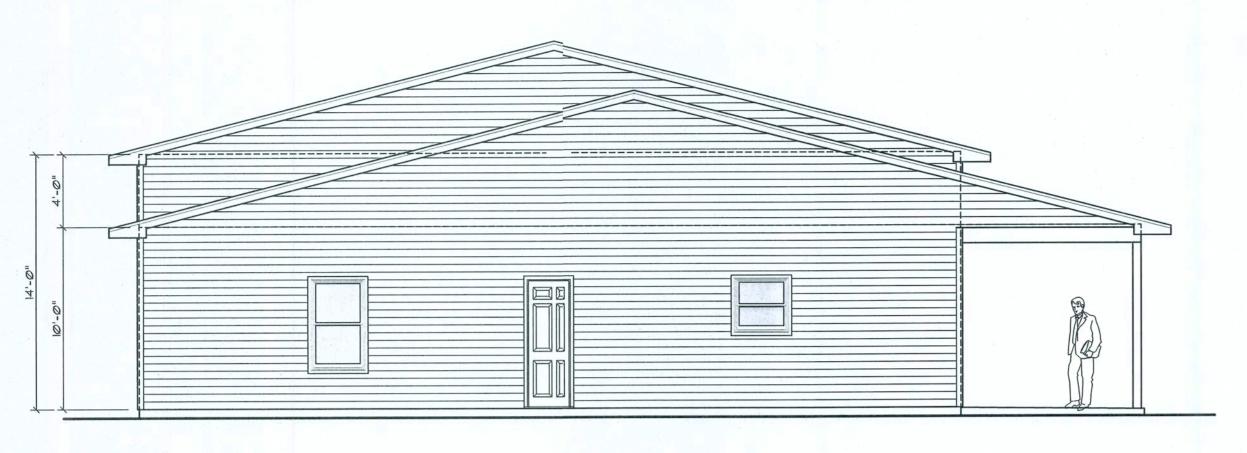
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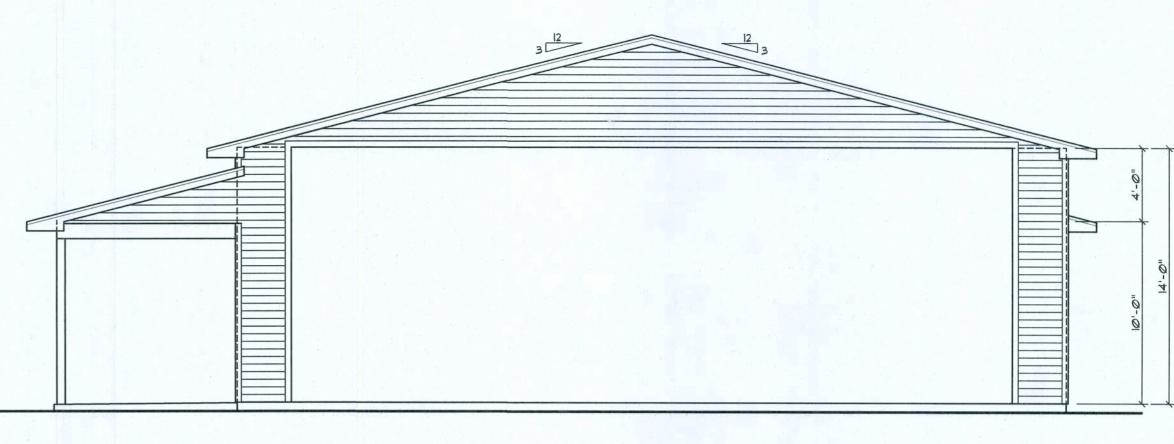




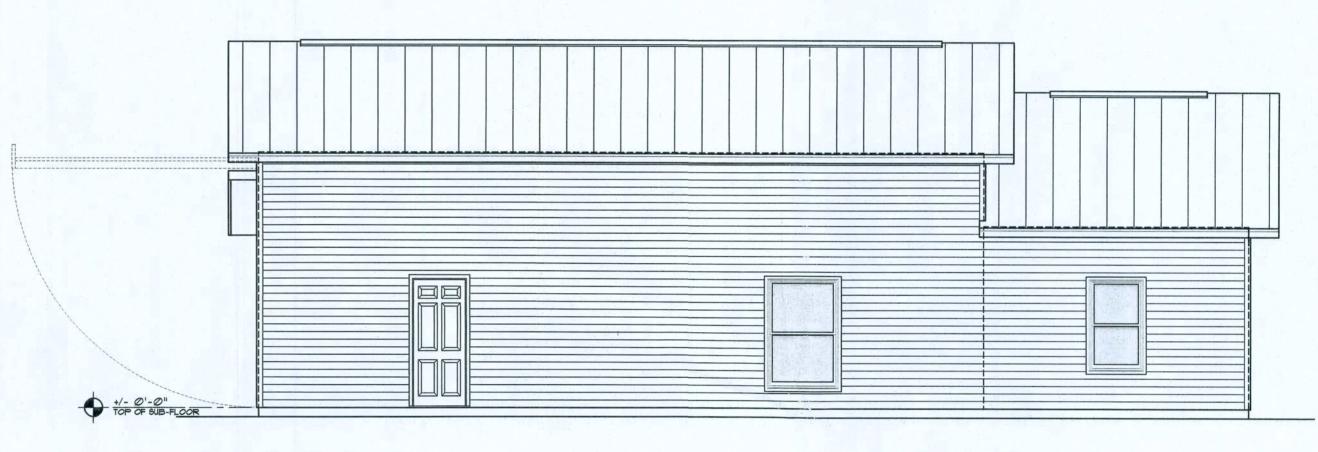
SCALE: 3/16" = 1'-0"

EXTERIOR FINISH MATERIALS:

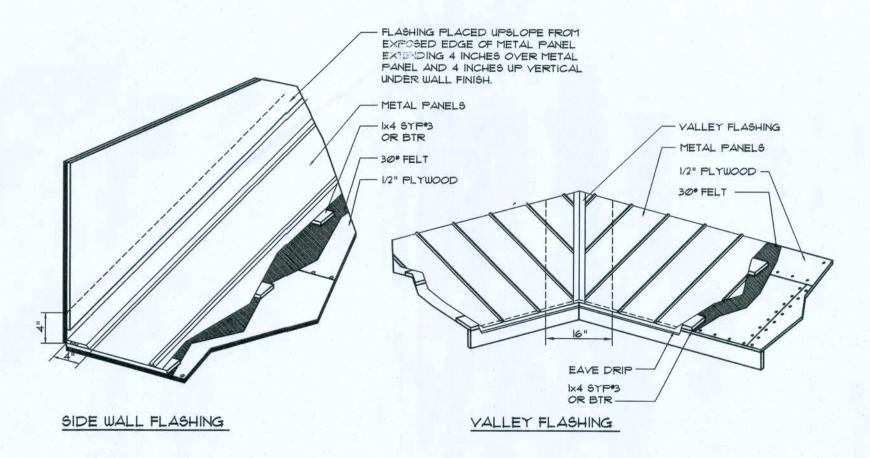
- ONT. RIDGE VENT TO MATCH ROOFING
- 2 METAL ROOFING AS SELECTED BY OWNER 3 MTL. FLASHING ON 2X6 WRAPPED FASCIA
- (4) VINYL SIDING AS SELECTED BY THE OWNER
- 5 ALT. BRICK VENEER WAINSCOT FROM BRICK SUPPLIED BY THE OWNER VERIFY EXTENT
- 6 TILT PANEL AIRCRAFT GARAGE DOOR
- 1) PORCH BEAM SEE PLANS FOR SIZE
- 8 PORCH POSTS, STYLE PER OWNER'S CHOICE
- (9) SINGLE HUNG METAL OR PLASTIC WINDOWS W/ DBL. GLAZING, AS SELECTED BY OWNER
- (III) ENTRY DOOR: MTL HC W/ MTL FRAME, ALL PAINTED AS SELECTED BY OWNER
- (I) CONCRETE PORCH DECK, W/ WOOD FLOAT FINISH & TOOLED EDGES
- MASONRY FOUNDATION REFER TO OWNER AS TO FINISH.



REAR ELEVATION SCALE: 3/16" = 1'-0"



RIGHT SIDE ELEVATION SCALE: 3/16" = 1'-0"



General Roofing NOTES:

METAL PANELS MUST BE FASTENED TO MIN. 1/2" CDX PLYWOOD.

METAL PANELS SHALL BE USED ONLY ON ROOF SLOPES OF 3:12 OR

GREATER TO INSURE PROPER DRAINAGE. CAULKING:

MUST BE APPROVED BY THE MANUFACTURER, BUTYL SEALANT SUPPLIED IN TAPE OR GUN-GRADE FORM.

METAL PANEL: METAL PANELS SHALL BE

MIN. 26 GUAGE AND COMPLY WITH ASTM A-792 AND D 7-98 EXPOSURE C AS ADOPTED IN SOUTH FLORIDA.

FASTENERS: FASTENERS FOR METAL PANELS SHALL BE GALVANIZED WOOD FAST SCREW, MINIMUM OF #9 X 1 1/2" HEX HEAD.

ATTACHMENT: METAL PANELS SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN 24" O.C. WHERE ROOF IS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS

OTHERWISE NOTED, ATTACHMENT OF METAL PANELS SHALL CONFORM

BASE AND CAP FLASHINGS: BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S

INSTALLATION INSTRUCTIONS.

1. RC-I - RIDGE CAP 2. ED-I - EAVE DRIP

3. EF-3 - EAVE FLASHING

WITH ASTM E 330 OR PA 125.

4. SW-1 - SIDEWALL FLASHING

5. EW-I - ENDWALL FLASHING

6. GR-4 - GABLE END OR RAKE BOARD FLASHING 7. TF-1 - TRANSITION FLASHING 8. PV-2 - PREFORMED VALLEY FLASHING

9. BUTYL TAPE

10. SEALANT TAPE II. PIPEBOOT

UNDERLAYMENT APPLICATION:

FOR ROOF SLOPES FROM 3:12 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 EITHER CORROSION
RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL
SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 11 LBS PER 100 SQUARE
FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

YALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ROOFING MATERIAL. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED. I. 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 1507.3.92. IN FBC TABLE 198 13:32.

2. 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. CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:

I. BOTH TYPES I 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 & COMPLYING WITH ASTM D 1970. DATE:

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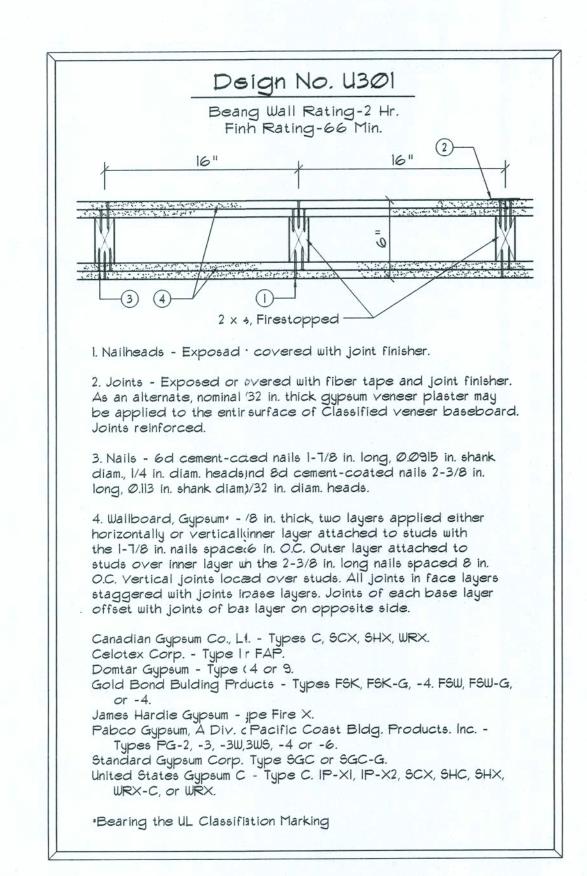
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SM-RIB METAL ROOFING PANELS ALTERNATE FASTENER SCHEDULE FOR VARIOUS WIND VELOCITIES MANUFACTURER'S RECOMMENDED FASTENER SCHEDULE FOR BUILDINGS W/<35' MEAN ROOF HEIGHT, MIN. 3/12 PITCH

ROOF	FASTENERR	FASTENER	PLACEMENT	100 - 1	10	120 - 13	30	140 - 1	50
ZONE	TYPE	SIZE	TO	O/C SPACING	TRIM	O/C SPACING	TRIM	O/C SPACING	TRIM
1	WD. SCREULW	#9 × 1 1/2"	WOOD	36"	18"	24"	12"	24"	12"
	MTL. SCR. ¿	#12 × 1" #14 × 7/8"	< 18 GA > 18 GA	36"	18"	24"	12"	24"	12"
2 4 3	WD. SCREULW	#9 × 1 1/2"	WOOD	36"	18"	24"	12"	24"	8"
	MTL. SCR. ¿	#12 × 1" #14 × 7/8"	< 18 GA > 18 GA	36"	18"	24"	12"	24"	8"





FLOOR AREA:

WALLS:

MAIN CEILING:

LAMIATE STRIP WOOD - SEE OWNER FOR CHANGES 4" YI'L COVE, OR AS SELECTED BY THE OWNER, COLOR AS PER BASE: OWNE'S SELECTION 1/2" (B), PRIMED AND PAINTED 2 COATS LATEX WALL PAINT, COLR & GLOSS AS SELECTED BY THE OWNER 5/8" WB, DIRECT HUNG, TAPED & FINISHED, W/ 2 COATS OF LATEX MAIN CEILING: CEILG PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER APPLIED FINISHES: APPED FINISHED TO GWB, Ie: SPRAY, KNOCK-DOWN, SKIP-TROWEL AND IMILAR TREATMENTS AS DIRECTED BY THE OWNER. GENERAL INTERIOR FINISH SHEDULE - PROJECT ROOM: STAILD EXPOSED CONC., PATTERN & COLOR AS PER THE OWNER OR FLOOR AREA: PAINED CONCRETE - SEE OWNER FOR CHANGES THIN!T CERAMIC TILE OR SHEET VINYL, PAT. & COLOR AS SELECTED R/R FLOOR AREA: BY TE OWNER R/R BASE: CERTIC TILE OR 4" VINYL COVE - MATCH WITH FLOORING NONEXCEPT AT GWB - 4" VINYL COVE PROJECT RM. BASE:

WALLS, R/R & FIRE WALL: GWB, APED & PAINTED 2 COATS - REFER TO FIRE WALL DETAIL FOR

TYPE THICKNESS, COLOR & GLOSS AS SELECTED BY THE OWNER

1/2" TII PLYWOOD, TO 8'-0" AFF., THEN 1/2 GWB, TAPED & PAINTED 2

5/8" WB, DIRECT HUNG, TAPED & FINISHED, W/ 2 COATS OF LATEX

CEILG PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER

COA), COLOR & GLOSS AS SELECTED BY THE OWNER

CARET, GLU-DOWN, PATTERN & COLOR AS PER THE OWNER OR

11'-0" 12'-0" 12'-0" 11'-0" 3068 STORAGE ROOM 2 HR. FIRE WALL PER UL Des. U301 6068 1/2 HR RATED DOOR & FRAME RESTROOM RESTROOM 7'2" × 5'2" COVERED | PORCH 7'-2" 7'-9" PROJECT / DEMONSTRATION ROOM 45'1" × 39'2"" "POWERLIFT" HYDRAULIC DOOR & FRAME - 40'0" X 14'0" HOSE BIBB 40'-0" 46'-0" 10'-2'2" 41'-4" CONCRETE APRON 41'4" × 12'9"" FLOOR PLAN SCALE: 1/4" = 1'-0" GRAPHIC SCALE

21'-0"

46'-0"

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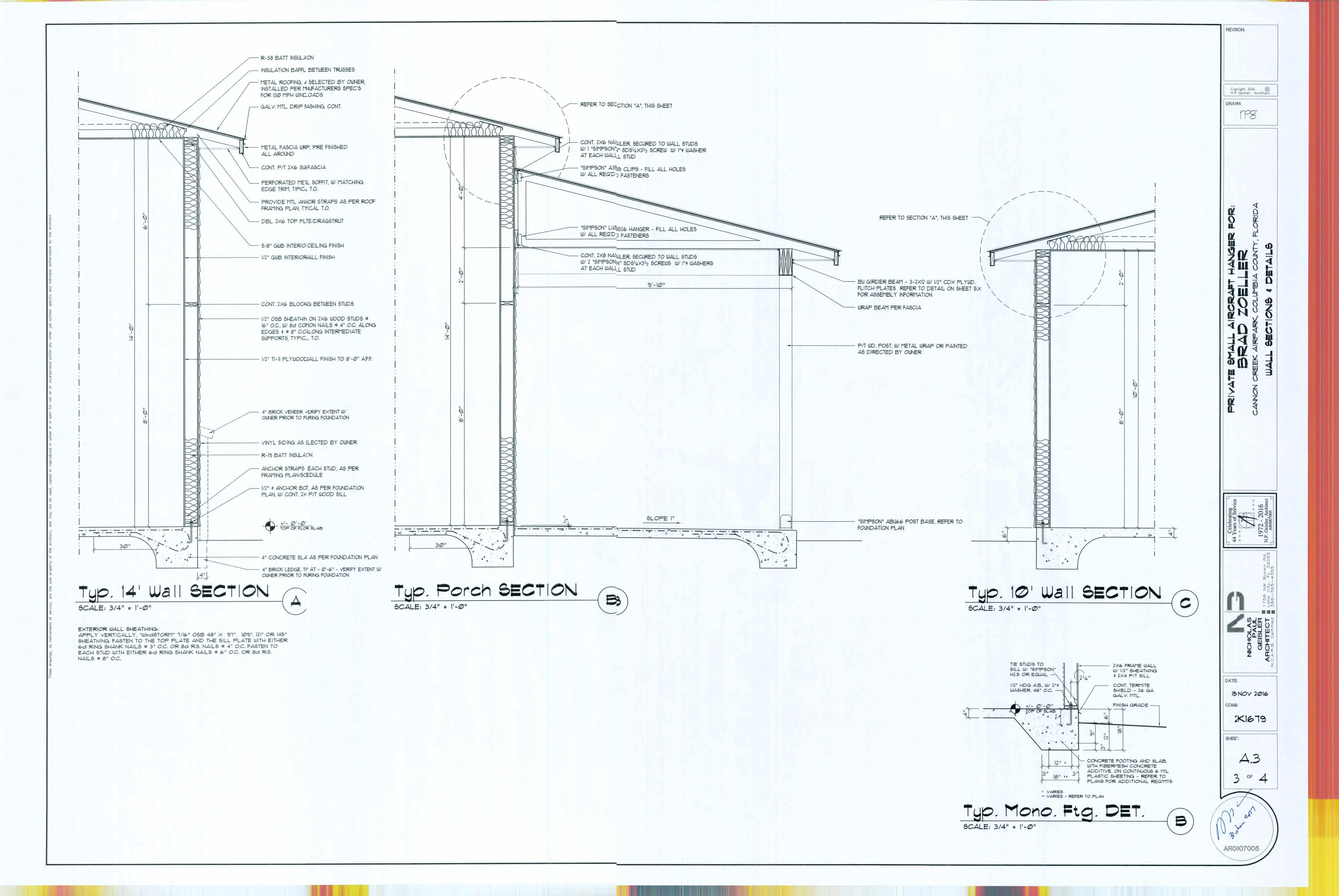
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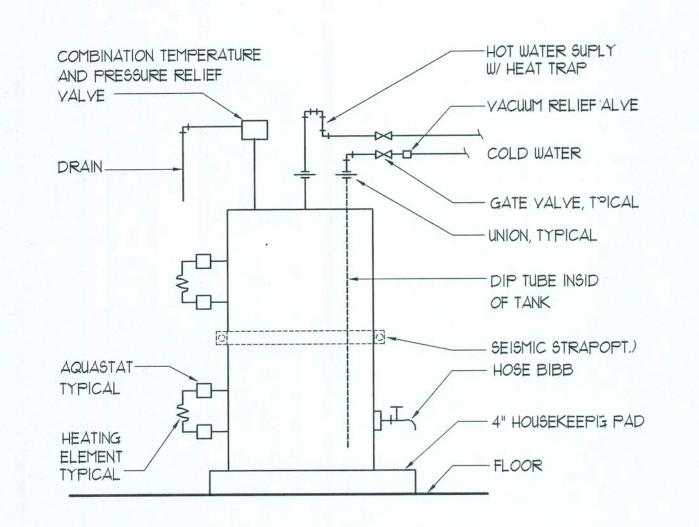
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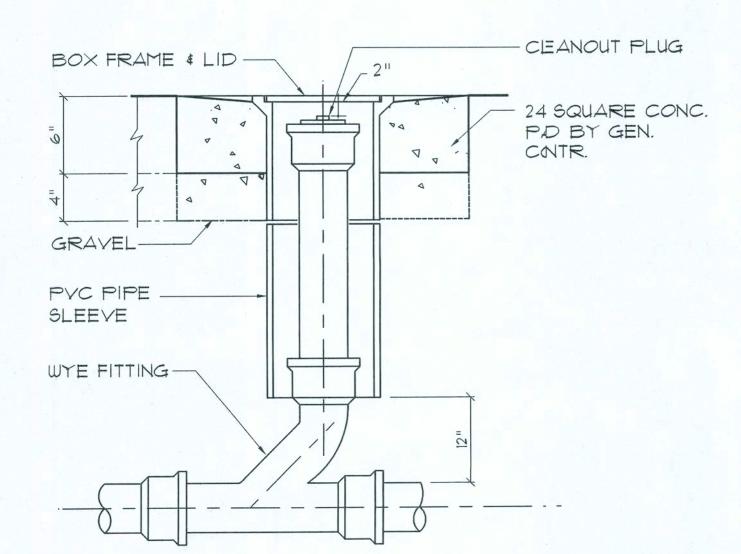


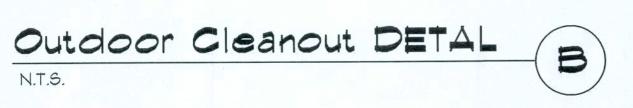


Electric Water Heater DETAL

SCALE: NONE

N.T.S.







SCALE : NONE

---- HORIZONTAL SECTION - SINGLE DODORS ----

371/2" MAX.

3534" MAX

NOTE, VERIFY ROUGH OPENING DOOR REQUIREMENTS PRIOR TO CONSTRUCTION.

Exterior Door DETAILS

Door Notes

- STEEL SKIN 26 GA.
- POLYURETHANE FOAM CORE
- COMPRESSION WEATHER STRIP
- WOOD HEAD JAMB
- ALUMINUM BUMPER THRESHOLD
- $\#0-24 \times 1/2 \%$ F.H.M.S. (4) SCREWS PER HINGE INTO DOOR
- $\#0 \times 3$ " F.H.W.S. (5) SCREWS THROUGH HINGE JAMB,
- 8" DOWN FROM TOP, MAX. 18" O.C. THEREAFTER.

WINDOW WIDTH (TTT)

WINDOW WIDTH (I.D.)

EXTERIOR

" RCOOF'G. NAILS @ 6" FROM CORNERS, 18" O.C. | SERIES 450

ALL WININDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MI I HOME PRODUCTS, INC." - OTHER MANUFACTURERS/PRODUCTS SHALL

BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS

NOTE, V VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

5 - 1 I" ROOF'G. NAILS EA. FLANGE, MAX. 18" O.C.

NI - COOMPLETE WITH FAN LITE AS PER SERIES 450

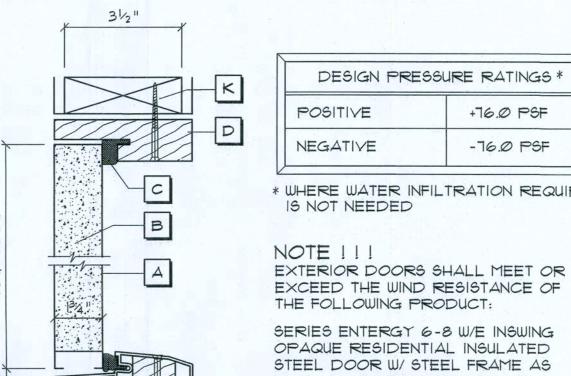
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OR EXCCEEDS THESE UNITS.

N2 - TEESTING AS PER ASTM E1300

---- HORIZONTAL SECTION - SINGLE HUNG WINDOW ----

- $\#0 \times 2 \ F.H.W.S (4)$ SCREWS THROUGH EACH HINGE INTO DOOR JAMB.
- #10 × 2" F.H.W.S (2) SCREWS THROUGH HEAD INTO HEADER.



+76.0 PSF -76.0 PSF * WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED

SERIES ENTERGY 6-8 W/E INSWING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

TYPICAL - VERTICAL SECTION -

SERIES 650

FULLY CAULKED

Window Notes

I FLANGED HEAD 2 INSULATED GLASS

3 GLAZING BEAD

4 LOCK SASH TOP RAIL

5 SCREEN FRAME

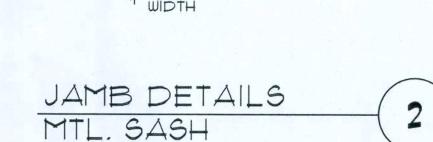
FIBERGLASS MESH BOTTOM SASH RAIL

PIVOT BAR

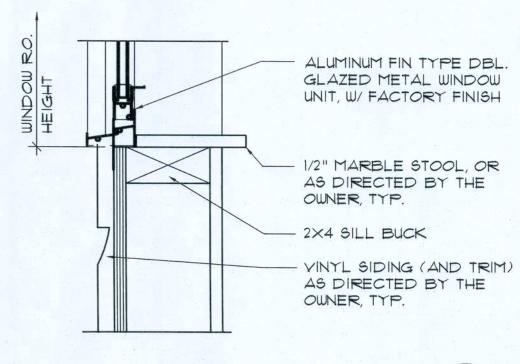
10 FLANGED SILL MARINE GLAZING

FIXED MEETING RAIL 13 FLANGED JAMB

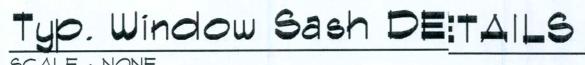
WINDOW SCHEDULE HEAD DETAIL MTL. SASH ALUMINUM FIN TYPE DBL GLAZED METAL WINDOW UNIT, W/ FACTORY FINISH -2×4 SUB-BUCK (JAMB)



WINDOW R.O.



SILL DETAIL MTL. SASH



SCALE : NONE

----- VERTICAL SECTION - SINGLE HUNG WINDOW ----



SCALE: 3" = 1'-0"



REVISIOI: 26 JAN 2017

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1/2" CDX PLYWOOD

HEADER: 2-2×12 W/ 1/2" PLYWOOD SPACER

VINTL SIDING, AS

SELECTED BY THE

+ 6'-9 3/4" BOTTOM OF HEADER

2×4 SUB-BUCK (HEAD)

INSTALLATION AS PER

SHEATHING

OWNER

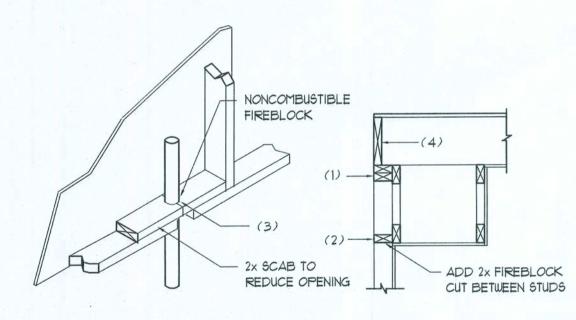
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CONNECTORS SCALE: NONE



SOFFIT/DROPPED CLG.

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 CEILING AND FLOOR LEVELS.
- 2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED YERTICAL 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

SCALE: NONE

GENERAL NOTES:

- I. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- 2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WAR-RANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK-MANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
- 3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURE-POSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
- 4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VAR-IOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
- 5. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING THE THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- 6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
- 1. ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.
- 8. ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABLES LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- 9. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- 10. INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COM-PLIANCE WITH "UL Design U333", BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.
- II. INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GAR-AGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-II BATT INSULATION.
- 12. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GWB ON IX3 WOOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.

PROJECT INFORMATION / NOTES

DESIGN VALUES/LOADS & COODES WIND DESIGN SPEED: 130 MPH, UNLESSS NOTED OTHERWISE

SOIL DESIGN STATEMENT: FOOTING DESIGN IS BASED UPON 1000, OPSF SOIL BEARING PRESSURE PRO-VIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS ie: CLAY, HIGH LEVEL OF ORGANICS OOR OTHER UNDESIRABLE SOILS SHALL REQUIRE FOUNDATION MODIFACATIONS

LIVE LOADS: 1st FLOOR: 40PSF, 2nd FIFLOOR: 40PSF, ROOF: AS DETERMINED BY SHAPE FACTORS APPLIED TO THE E WIND FORCE GENERATED BY THE DESIGN WIND SPEED.

BUILDING CODE: 2014 FLORIDA BUILDIDING CODE

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - LATEST LIFE SAFETY: NFPA-IØI - LATEST

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR I DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. 3. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND \ VERIFY ALL DIMENSIONS. ANY DIS-CREPANCIES SHALL BE REPORTED TGO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FAEBRACATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE I PLANS

AMPLE DIMENSIONS ARE SHOWN ON THHE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO FINAL PLAN SISETS

PLEASE DO NOT MAKE ANY STRUCTURRAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THEIE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE F RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MMATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

STANDARD ABBREVIATIONS

a	АТ	GALY.	GALYANIZED
	NUMBER or POUND(6)	HORZ.	HORIZONTAL
=	EQUALS	INS.	INSULATION
ф	DIAMETER	INT.	INTERIOR
W/	WITH	LAY.	LAVATORY
W/O	WITHOUT	LYL.	LAMINATED VENEER LUMBER
¢	CENTERLINE	MAX.	MAXIMUM
4	AND	MIN.	MINIMUM
+/- or ±	PLUS OR MINUS	MISC.	MISCELLANEOUS
I ^t	ONE FOOT	M.O.	MASONRY OPENING
l"	ONE INCH	No. or Nr.	NUMBER
1/4" or 1/4"	ONE QUARTER INCH	o.c.	ON CENTER
8d	8 PENNY	O/H	OVERHEAD
BM	BEAM	OHD	OVERHEAD DOOR
B.O.	BY OTHERS	PLYWD.	PLYWOOD
вот.	воттом	P/T	PRESSURE TREATED
CLG.	CEILING	REINF.	REINFORCING (ED)
co	CLEANOUT	REQ'D	REQUIRED
CONC.	CONCRETE	RM.	ROOM
COTG	CLEANOUT TO GRADE	RO.	ROUGH OPENING
DBL.	DOUBLE	SF	SQUARE FEET
DIM.	DIMENSION	SGD	SLIDING GLASS DOOR
DN.	DOWN	SHT.	SHEET
ELEY.	ELEVATION	SRLH	SUWANNEE RIVER LOG HOMES
EXT.	EXTERIOR	TYP.	TYPICAL
F	FRENCH (DOORS)	VERT.	VERTICAL
FDN.	FOUNDATION	WC	WATERCLOSET (TOILET)

TERMITE PROTECTION, NOTES:

SOIL CHEMICAL BARRIER METHOD:

- 1. A PERMANENT SIGN WHICH IDENTIFIES 5 THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TRE-EATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6
- 2. CONDENSATE AND ROOF DOWNSPOUTITS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBGC 1503.4.4
- 3. IRRIGATION/SPRINKLER SYSTEMS INCCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHININ 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4 4. TO PROVIDE FOR INSPECTION FOR TELERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE S SHALL NOT BE LESS THAN 6".
- EXCEPTION: PAINT AND DECORATIVE C CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.16
- 5. INITIAL TREATMENT SHALL BE DONE : AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
- 6. SOIL DISTURBED AFTER THE INITIAL TITREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMEDD. FBC 1816.1.2 1. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION
- OF TRAPS, ETC., SHALL BE MADE WITH PPERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF F A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL A AFTER THE INITIAL TREATMENT. 8. MINIMUM 6 MIL VAPOR RETARDER MUSUST BE INSTALLED TO PROTECT
- AGAINST RAINFALL DILUTION. IF RAINFALLL OCCURS BEFORE VAPOR RET-ARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4 9. CONCRETE OVERPOUR AND MORTAR 2 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 STRUCTULURE SIDEWALLS. FBC 1816.16
- II. AN EXTERIOR VERTICAL CHEMICAL BOARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTIFICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6
- 12. ALL BUILDINGS ARE REQUIRED TO HAAVE PER-CONSTRUCTION TREATMENT.
- 13. A CERTIFICATE OF COMPLIANCE MUSTOT BE ISSUED TO THE BUILDING DEPART-MENT BY * LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTITIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREAATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPPARTMENT OF AGRICULTURE AND CONS-UMER SERVICES". FBC 1816.1.7
- 14. AFTER ALL WORK IS COMPLETED, LOGOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-O" OF THE BBUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHOPPRING OR OTHER CELLULOSE CONTAINING
- 15. NO WOOD, VEGETATION, STUMPS, CARROBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Trusses @ 24" O.C. Walls: 2x4 Wood Studs @ 16" O.C. Floor: 4" Thk Concrete Slab W/ Fibermesh Concrete Additive

Foundation: Continuous Stemwall Footer

ROOF DECKING

Material: 1/2" CD Plywood or 7/16" O.S.B. Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing Fasteners: 8d Ring Shank Nails per schedule on sheet A.T

Material: 1/16" O.S.B. "WindSTORM": 48" X 97", 109", 121" OR 145" Sheet Size: 48"x97" (109", 121" OR 145") Sheets Placed Vertical Fasteners: 8d Ring Shank Nails @ 4" O.C. Edges \$ 8" O.C. Interior Dragstrut: Double Top Plate (S.Y.P.) W/2 - 16d Nails @ 12" O.C. Wall Studs: 2x4 SPF Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: Simpson H2.5a @ Ea. Truss End (Typ. U.O.N.) Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot. Anchor Bolts: 1/2" A307 @ 48" O.C. - 1st Bolt 8" from corner Corner Hold-down Device: Simpson HD2a, ea. corner

BUILDING COMPONENTS & CLADDING LOADS

FOOTINGS AND FOUNDATIONS

Footing: 20"X12" Cont. W/2-5 Cont. \$ wire chairs \$ 48" O.C.

4	ROOF ANGLE 1° TO 21°					
	ZONE	AREA	Yult 110 MPH	Vult 12Ø MPH	Yult 130 MPH	Vult 140 MPH
	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	203 / -323 18.5 / -31.4 16.1 / -30.2
T TO 2T	2 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	2 <i>0.</i> 3 / -56.2 18.5 / -51.7 16.1 / -45.7
ROOM	3 3 3	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	203 / -83.1 18.5 / -77.7 16.1 / -70.5
-	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	3 <i>0</i> .4 / -33. <i>0</i> 29. <i>0</i> / -31.6 27.2 / -29.8	35.3 / -38.2 33.7 / -36.7 31.6 / -34.6
MALL	5	10	21.8 / -29.1	25.9 / -34.7	30.4 /-40.7	35.3 / -47.2

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

5 20 20.8 / -27.2 24.7 / -32.4 29.0 / -38.0 33.7 / -44.0 5 50 19.5 / -24.6 23.2 / -29.3 27.2 / -34.3 31.6 / -39.8

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATAGORY: 2

BASED ON ANSI/ASCE 1-10. 2014 FBC 1609-A WIND VELOCITY: YULT = 130 MPH VASD= 108 MPH

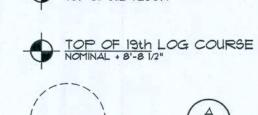
3. ROOF DESIGN LOADS: SUPERIMPOSED DEAD LOADS: 20 PSF SUPERIMPOSED LIVE LOADS: 20 PSF

4. FLOOR DESIGN LOADS: SUPERIMPOSED DEAD LOADS: 25 PSF SUPERIMPOSED LIVE LOADS: 40 PSF RESIDENTIAL BALCONIES . 60 PSF

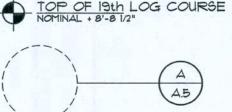
5. WIND NET UPLIFT: ARE AS INDICATED ON TRUSS SHOP DRAWINGS

SYMBOLS

THESE SYMBOLS ARE MOST OFTEN ENCOUNTERED IN THE FOLLOWING DRAWINGS: ELEVATIONS, DIMENSION PLANS, SECTIONS & STRUCTURAL PLANS



TYPE OF ELEVATION MARK USED TO INDICATE A PREFERRED TARGET ELEVATION - TRUE MEASUREMENT.



TYPE OF DETAIL MARK USED TO INDICATE A SECTION OR DETAIL ASSOCIATED WITH A PLAN VIEW

TYPE OF ELEVATION MARK USED TO INDICATE THE TOP OF A LOG

WALL STACK - NOMINAL ONLY.

TYPE OF DETAIL MARK USED TO INDICATE A SECTION IC: SECTION "A" ON SHEET "A.5", TAIL INDICATES DIRECTION OF YIEW

TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW ie: SECTION "A" FOUND ON "D.6a" OF THE PROJECT MANUAL

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF'R/MODEL	CAP.
TRUSS TO WALL:	SIMPSON H2.5a	535#
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 28 - 16d NAILS	1785#
HEADER TO KING STUD(S):	SIMPSON ST22	1370#
PLATE TO FOUNDATION:	5/8"¢ THRU-BOLT	3340#
PORCH BEAM TO POST:	SIMPSON PC44/EPC44	1700*
PORCH POST TO FND.:	SIMPSON ABU44	2200*
MISC. JOINTS	SIMPSON A34	315#/24@

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 *91-0101.05, *96-1126.11, *99-0623.04 **SBCCI NER-443, NER-393**

GENERAL NAILING SCHEDULE:

NUMBER OF NAILS FOR CONNECTING I	NOOD MEMBERS: COMMON NAILS	Nr. / SPACING
BRIDGING TO JOIST, TOE NAIL 2" SUBFLOOR TO JOIST,	16d	2 EA, END
BLIND & FACE NAILING SOLE PLATE TO JOIST OR BLOCKING	16d	2
FACE NAILED TOP OR SOLE PLATE TO STUD	160	16" O.C.
END NAILED	16d	2
STUD TO SOLE PLATE, TOE NAILED	8d	3 OR 2 16d
DOUBLE STUDS, FACE NAILED	160	24" O.C.
DOUBLE TOP PLATES, FACE NAILED TOP PLATES - LAPS & INTERSECTION	16d 15	16" O.C.
FACE NAILED 1 × 6 SHEATHING TO EACH POINT	160	2
OF BEARING, FACE NAILED BUILT-UP CORNER STUDS, FACE	8d	2
NAILED	160	30" O.C.
BUILT-UP GIRDERS & BEAMS	20d	32" O.C. @ TOP & BOTTOM & STAGGERED - 2 @ EA. END & @ SPLICES
3/4" PLYWOOD SUBFLOORING	8d	6" O.C. @ EDGE: 10" O.C. @ INTERMEDIATE
OSB SHEATHING, 7/16" THICK	8d	6" O.C. @ EDGE: 10" O.C. @ INTERMEDIATE
1/8" FIBERBOARD SHEATHING	6d	3" O.C. @ EDGES 6" O.C. @ INTERMEDIATE

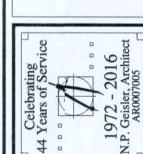
- A. NAILS, BOLTS AND OTHER METAL CONNECTORS WHICH ARE USED IN LOCATIONS EXPOSED TO THE WEATHER SHALL BE GALVANIZED OR OTHERWISE CORROSION RESISTANT.
- B. IN GENERAL, NAILS SHALL PENETRATE THE SECOND MEMBER A DIS-TANCE EQUAL TO THE THICKNESS OF THE MEMBER BEING NAILED THERETO, OR GREATER.
- C. THERE SHALL BE NOT LESS THAN 2 NAILS PER CONNECTION.
- D. GLUING SHALL NOT BE CONSIDERED AN ACCEPTABLE CONNECTOR IN LIEU OF THOSE SPECIFIED HEREIN.
- E. FORMED METAL CONNECTORS, AS PER THE SCHEDULE HEREIN, SHALL HAVE THE NUMBER OF NAILS INSTALLED AS REQUIRED BY THE MANUFACTURER, OR AS DIRECTED BY THE PLANS.
- F. NAILS PROJECTING BEYOND THE LAST WOOD MEMBER SHALL BE CLINCHED, WHEREVER POSSIBLE.
- G. NOTES IN THE "PLANS" PACKAGE OF THE CONSTRUCTION DOCUMENTS SUPERSEDE SIZES & SPACINGS OF NAILS CONTAINED HEREIN.

REVISIOI:

26 JAN 2017

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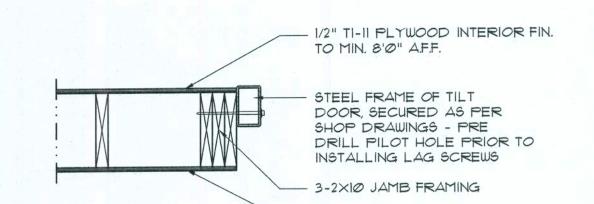


DATE: 15 NOV 2016 COMM:

SHEET:

2K1679





- 7/16" O.S.B. SHEATHING



CONCRETE / MASONRY / METALS GENERAL NOTES:

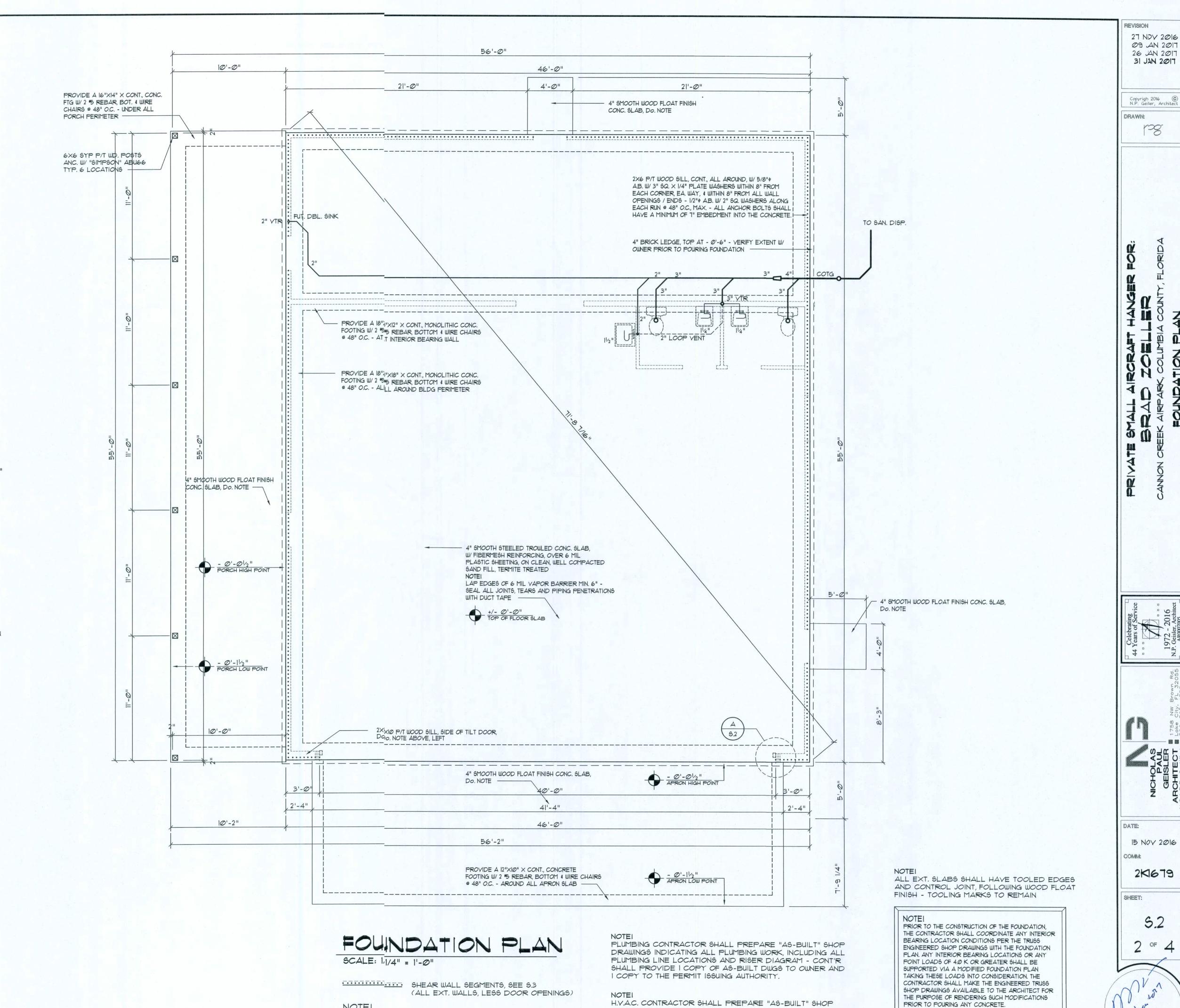
- I. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- 2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- 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 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.
- 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.
- T. N/A
- 8. N/A
- 9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

EXTERIOR WALL SHEATHING: APPLY VERTICALLY, "WindSTORM" 1/16" OSB 48" × 97", 109", 121" OR 145" SHEATHING, FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d RING SHANK NAILS @ 3" O.C. OR 8d RING SHANK NAILS @ 4" O.C. FASTEN TO EACH STUD WITH EITHER 6d RING SHANK NAILS @ 6" O.C. OR 8d R.S. NAILS @ 8" O.C.

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

CONSTRUCTION NOTES

- I. FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALL OUTSIDE DIMENSIONS ARE TO FACE OF FOUNDATION.
- 2. ALL NAILING CONSTRUCTION MATERIALS SHALL BE AS PER 2007 FBC - SEE S.I
- 3. N/A
- 4. N/A
- 5. CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER, ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS AND SHALL RECEIVE INSTRUCTIONS OR CLEARIFACATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN
- 6. ROOF TRUSS FRAMING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE A DETAILED LAYOUT FOR TRUSS AND FRAMING
- 7. SHOULD CONDITIONS AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS AND/OR SPECIFICATIONS, AND THE CONDITIONS USUALLY INHERENT IN THE WORK OF THE CHARACTER SHOWN AND SPECIFIED BE DIFFERENT FROM THE DESIGNERS RECOMMENDED BUILDING PROCEDURES: CALL IMMEDIATE ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.
- 8. N/A
- 9. DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS



THE DESIGN WIND SPEED FOR THIS

PROJECT I IS 130 MPH PER 2014 FBC 1609

AND LOCAAL JURISDICTION REQUIREMENTS

DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL

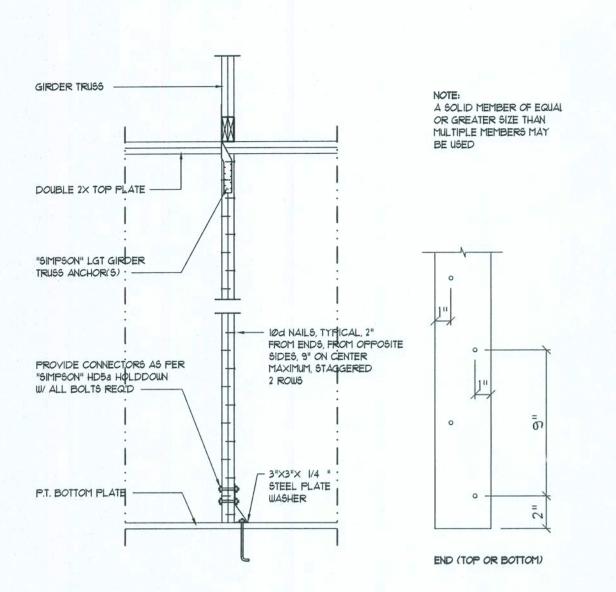
TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY.

DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING

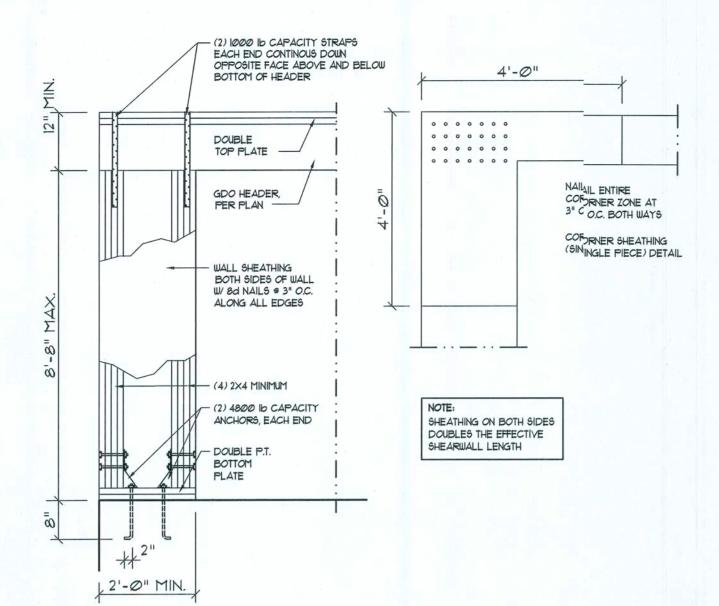
REPORT - CONT'R SHALL PROVIDE I COPY OF AS-BUILT DWGS

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AR000'005



Girder Truss Column DET. SCALE: 1/2" = 1'-0"



Garage End Wall DETAILS

SF, PACING

8d COMMON OR

GALVANIZED BOX NAILS

1/16 " 0.5.B. 8d HOT DIPPED

ROOF EDGE

ROOF SHEATHING NAILING ZONEES (GABLE ROOF)

4______

ROOF SHEATHING NAILING ZONEES (HIP ROOF)

Roof Nai

SCALE: NONE

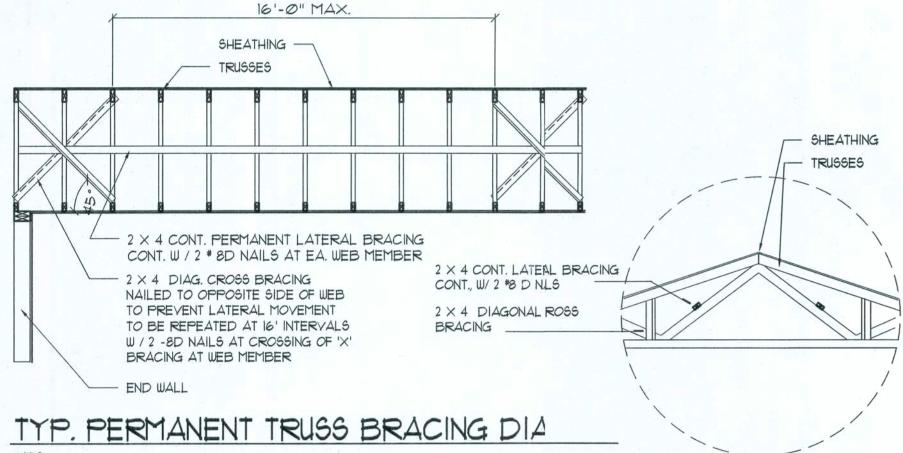
Pattern DET

6 In. In. o.c. EDGE 12 In. In. o.c. FIELD

6 In. in. o.c. EDGE 6 In. in. o.c. FIELD

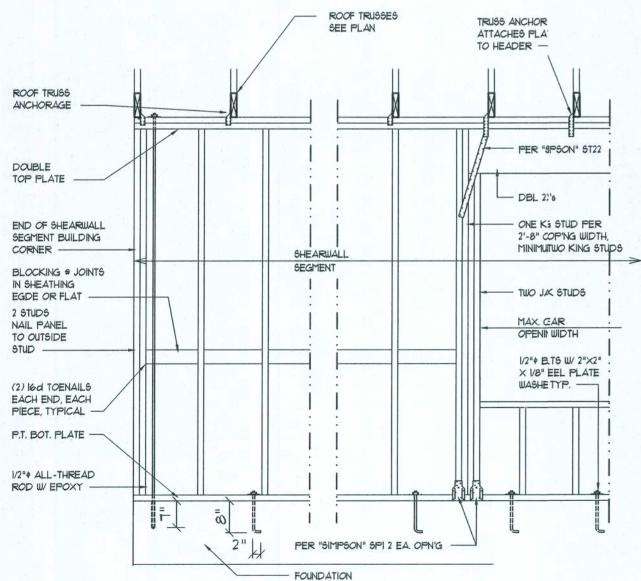
4 In. o.c. & GABLE TRUSS OR GAEABLE ENDWALL 6 In. n. o.c. EDGE 6 In. n. o.c. FIELD





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

Truss Bracing DETAILS SCALE: AS NOTED



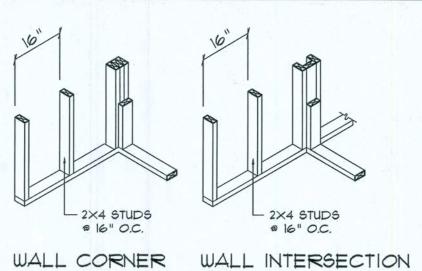
I. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-97 SBBCI 305.43.

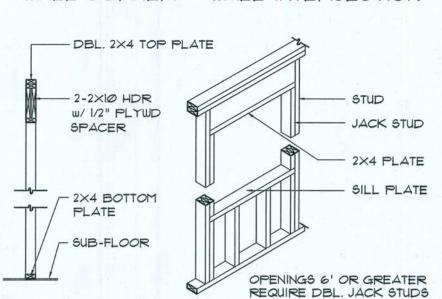
- 2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/16 " O.S.B. INCLUDING AREAS ABOVE AND BELOW
- 3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
- 4. NAIL SPACING SHALL BE 4" O.C. EDGES AND 8" O.C. IN THE FIELD.
- 5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 FOR 8'-0" WALLS (2'-3").

OPENING WIDTH	JACK STUDS	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
₽ 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
Æ 9' TO 12'-Ø"	(5) 2x4 OR (2) 2x6	3

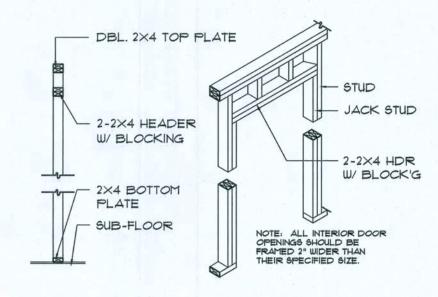
			В	UILDING	WIDTH (F	7)	
HEADERS	HEADER		20'	2	28'	36	,1
SUPPORTING:	SIZE	SFPAN	# JACKS	SPAN	* JACKS	SPAN 1	JACKS
	2-2×4	3'6"	1	3'-2"	1	2'-10"	1
	2-2×6	5'-'-5"	1	4'-8"	1	4'-2"	1
ROOF, CEILING	2-2×8	6'-1-10"	1	5'-11"	2	5'-4"	1
	2-2×10	8'-'-5"	2	7'-3"	2	6'-6"	2
	2-2×12	9'-'-9"	2	8'-5"	2	7'-6"	2
	3-2×8	8'4"	1	7'-5"	-1	6'-8"	1
	3-2×10	10'2'-6"	1	9'-1"	2	8'-2"	3 1
	3-2×12	12'-'-2"	2	10'-7"	2	9'-5"	2
	4-2×8	9'-'-2"	1	8'-4"	1	9'-2"	1
	4-2×10	11'8"	1	10'-6"	1	9'-5"	1
	4-2×12	14'-'-1"	1	12'-2"	2	10'-11"	1

HEADER SPANS FOOR EXTERIOR BEARING WALLS

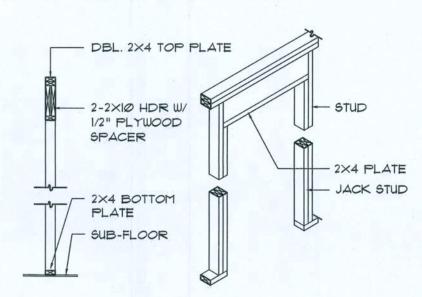




TYPICAL WINDOW HEADER

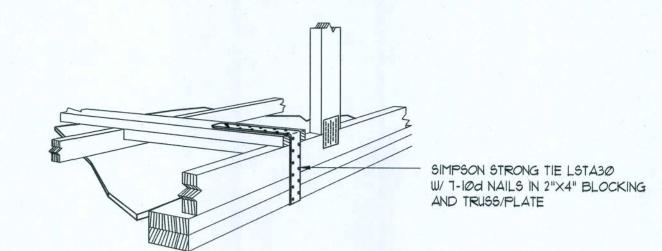


NON-BEARING WALL HEADER



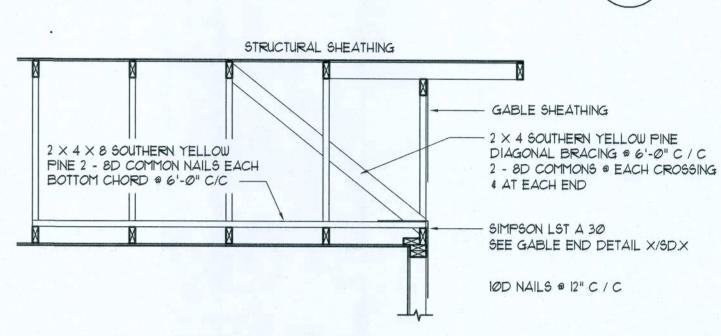
BEARING WALL HEADER

Wall Framing/ Header DET'S SCALE: NONE





SCALE: NONE



END WALL BRACING FOR CEILING DIAPHRAGM

(ALTERNATIVE TO BALLOON FRAMING)

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

G.

REVISION:

26 JAN 2017

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DRAWN:

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DATE: 15 NO/ 2016 COMM:

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SHEET:

AR0007005

Shear Wall DETAILS D SCALE: NONE

FRAMING ANCHOR SCHEDULE

MANUF'R/MODEL CAP. APPLICATION SIMPSON H2.5a TRUSS TO WALL: GIRDER TRUSS TO POST/HEADER: SIMPSON LGT, W/ 28 - 16d NAILS 1785* HEADER TO KING STUD(S): SIMPSON ST22 1370# 1065# SIMPSON SP2 PLATE TO STUD: STUD TO SILL: SIMPSON SPI SIMPSON PC66/EPC66 1700# PORCH BEAM TO POST: 2300# PORCH POST TO FND .: SIMPSON ABUGG 315#/240# MISC. JOINTS SIMPSON A34

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.

"SIMPSON" PRODUCT APPROVALS:

MIAMI/DADE COUNTY REPORT *97-0107.05, *96-1126.11, *99-0623.04 SBCCI NER-443, NER-393

WOOD STRUCTURAL NOTES

I. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPON-SIBILITY OF THE CONTRACTOR SO 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 SIGNED 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". 3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN Nr.2 HEM-FIR OR BETTER.
- 4. CONNECTORS FOR WOOD FRAMING 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 CON-NECTIONS.

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 THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS

INDICATED IN THE CONSTRUCTION DOCUMENTS. 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.

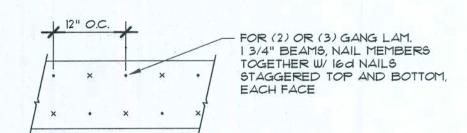
TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

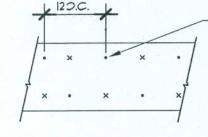
GENERAL TRUSS NOTES:

- 1. 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 STRUCTURE.

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

ALL UPLIFT CONNECTORS SHALL BE FIELD ADJUSTED TO MATCH OR EXCEED THE DEVELOPED LOADS PER ENGINEERED TRUSS SHOP DRAWINGS





NAIL PLYWOOD FLITCH BEAM TOGETHER W/ 16d NAILS STAGGERED TOP AND BOTTOM, EACH FACE

WHERE BEAM SPAN IS GREATER THAN 8'-0", CENTER 8'-0" LONG PLYWOOD AT CENTER OF BEAM SPAN. BUTT ADJACENT PLYWOOD PIECES TIGHT TO CENTER PIECE. STAGGER JOINTS AT BEAMS WITH MORE THAN ONE PLYWOOD PLATE.

MULTIPLE GANG LAM. DETAIL NOT TO SCALE

B/U Beam DETAILS

SCALE: NONE

PLYWOOD FLITCH BEAM DETAIL NOT TO CALE

3-2×12 SYP Nr. 2 BEAM, W/ 1/2" PLYWOOD FLITCH PLATES - ASSEMBLE AS PER DET. ON SHEET 5.3 - ALL PORCH BEAMS (7 LOC'S) ____

DBL. 2XIO SYP Nr. 2 HEADER, W/ 1/2" PLYWOOD FLITCH PLATE - ASSEMBLE AS PER DETAIL ON SHEET A.8 - EA. PORCH (12 LOCATIONS) CONSTRUCT EXTERIOR WALLS W/ 2 TOP PLATES & I SILL PLATE, 2X6 STUDS @ 16" O.C., ANCHOR TOP PLATE TO SILL W/ "WINDSTORM" OSB SHEATHING - APPLIED W/ 8d RING SHANK NAILS @ 4" O.C. ALONG EDGES \$ 8" O.C. ALONG INTERMEDIATE SUPPORTS _-----|----------2X4 SUB-FASCIA, TYPICAL @ ALL TRUSS EAVES & GABLE ENDS FASTEN TOP PLATE WITH 2-16d NAILS AT 12" O.C., TYPICAL T.O. ANCHOR ALL TRUSSES W/ "SIMPSON" H2.5a STRAPS @ EA. POINT OF BEARING ____ ____ ____ ____ "TEE" STIFFBACK FRAMING @ 48" O.C. X MIN. 8'-0"-13'-0" 40'-0"

2X4 LADDER FRAMING OVER GABEL END TRUSSES @ 24" O.C. W/ "SIMPSON" H2.5A CLIP AT GABLE TRUSS # "SIMPSON" A35 CLIPS @ ROOF TRUSS -

ROOF PLAN

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

SHEATH FROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG [DIMENSION PERPENDICULAR TO THE ROOF TRUUSSES, SECURE TO FRAMING W/ 8d RING SHANK NAAILS - AS PER DETAIL N ON SHEET 5.3

NOTE!

THE DESKIGN WIND SPEED FOR THIS PROJECT 1 18 130 MPH PER 2014 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

REFER TOO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET S.3 FOR ALL MINIMUM SSIZE HEADERS AND ALTERNATES MINIMUM SSIZE ALLOWABLE IS 2-2×10

ROOF PLAN NOTES

2 PLY STRUCTURAL GABLE END TRUSS

STRUCTURAL GABLE END TRUSS

R-1 ALL ROOF PITCH 3 / 12, UN.O.

R-2 ALL OVERHANG 20" UNLESS OTHERWISE NOTED

R-3 PROVIDE ATTIC VENTILATION VIA MATCHING RIDGE VENT IN ACCOR-DANCE WITH 2014 FBC



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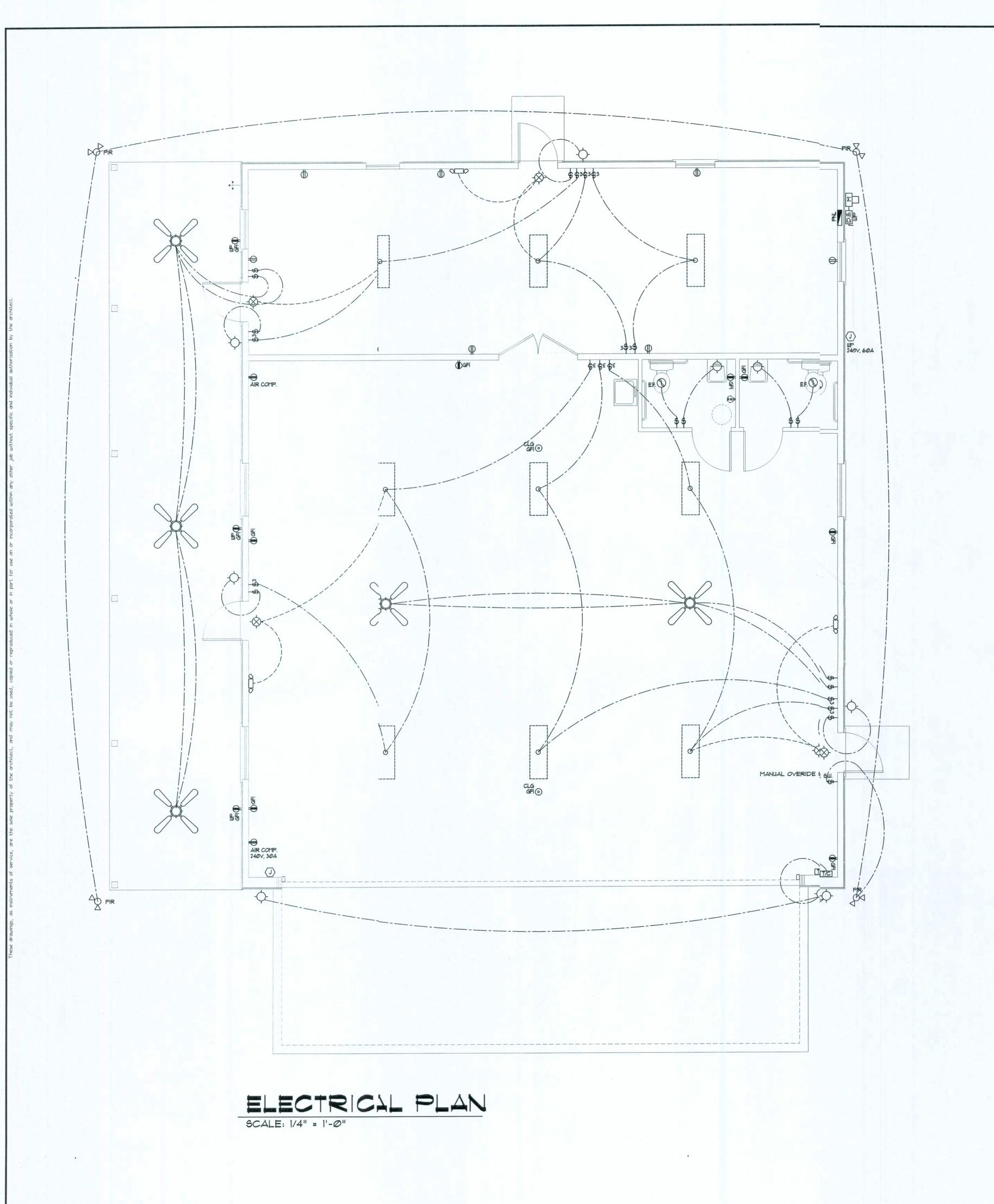
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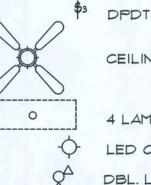


CIR. LOCATION Nr. TRIP/ WIRE POLES SIZE LIKW L2KW LOAD WIRE SIZE POLES FLU LTG, STOR. RM. 20A/IP | 12TW 20A/IP RESTROOMS FLU LTG, HANGER 0.90 GP RECEPT PIR FLOOD LTG 0.60 1.08 SPARE HANGER CLG FANS Ø.72 1.08 SPARE PORCH CLG FANS 1.08 0.90 20A/IP HANGER GFI RECEPT. DOOR LTG 0.36 30A/2P 240V RECEPT GEILING RECEPT. 0.36 W/CIR. Nr.12 SPARE 1.08 30A/2P 240V RECEPT 1.08 W/CIR. Nr.16 1.08 1.08 1.08 30A/2P POWER LIFT DOOR 1.44 W/CIR. Nr. 23 2.25 3.69 W/CIR. Nr.24 SPARE 1.08 1.08 1.08 1.08 1.08 1.08 1.08 1.08 2.16 1.08 1.08 1.08 W/ CIR. Nr.38 LI 21.15 KW / 120 V = 176.25 AMPERS 21.15 22.47 L2 22.47 KW / 120 V = 187.25 AMPERS

- DUPLEX CEILING GFI RECEPTACLE
- JUNCTION BOX
- MOTOR (SP SUBMERSIBLE PUMP)
- ELECTRICAL PANEL ELECTRICAL PANEL
 - ØEF. EXHAUST FAN
 - 69 SMOKE DETECTOR, 120V
 - M NON-FUSED DISC. SWITCH

LIGHTING

SPST WALL SWITCH DPDT WALL SWITCH (3-WAY)

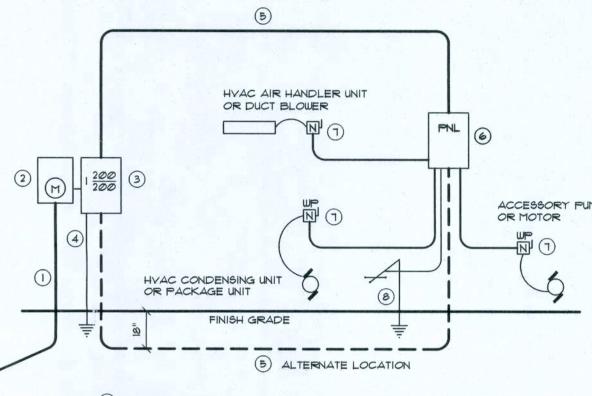


CEILING FAN, W/ INC. LIGHT FIXTURE

4 LAMP FLU. PRISMATIC WRAP SURFACE FIXTURE LED OR CFL LIGHT FIXTURE

DBL. LAMP INC. FLOOD LIGHT SWITCH/FIXTURE WIRING CONTROL WIRE / LOW YOLTAGE

TIME CLOCK



- Service/Feeder Entrance Conductors: 2½" rigid conduit, min. 18" deep, w/ continuous Ground Bonding Conductor, Service/ Entrance Conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel shall be allowed.
- 2 Meter Enclosure, weatherproof, U.L. Listed.
- 3 Main Disconnect Switch: fused or Main BRKR, weatherproof, U.L. Listed.
- 4) Service entrance Ground: % + iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 20'-0" long. Grounding Conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item 5, below.
- (5) 200 AMPERE SERVICE: 2-*3/0-USE-Cu, I *1/0 USE-Cu- NEUT., 1-*4-Cu-GND, 21/2" Conduit.
- 6 House Panel (PNL), U.L. Lised, sized per schedule.

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

ELECTRICAL RISER DIAGRAM: 200A SCALE: NONE

ELECTRICAL PLAN NOTES

INSTALLATION SHALL BE PER 2011 NAT'L. ELECTRIC CODE.

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTICALS IN SERVING AREA AND RESTRMS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI).

ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (WP/GFI).

ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE I COPY OF AS-BUILT DWGS

TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY.

Equipment Disconnect Switch: non-fused, in weatherproof enclosure, size according to Panel Schedule loads. (8) Provide Ground Bond Wire to metal piping, size in accordance

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PNL "A": 200A - MLO - 120/240V - 10 - 4W 10K A.I.C. - FLUSH - 40 SLOT FEEDER SIZE: 3 * 3/0 - THW - Cu, I * 1/0 - THW - Cu - Neut. 1 # 4 - Cu - GND, 21/2" C. Electrical SYMBOLS POWER DUPLEX WALL RECEPTACLE DUPLEX WALL RECPT., BELOW COUNTER ACCESSORY PUMP P 240V OUTLET PGFI GND FAULT INTERRUPTER DUPLEX RECEPT. WEATHER PROOF GFI DUPLEX RECEPT.

45-BUILT" FIELD NOTES	

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL INDEMNIFTY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL_ INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT, TFOR THIS PROJECT.
- 2. THE CONTRACTOR AND/OR SUB-COONTRACTORS SHALL WAR-RANT ALL WORK FOR A PERIOD OFF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENTT, COMPONENTS AND WORK-MANSHIP SHALL BE CORRECTED A'AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRRANTY PERIOD.
- 3. AT THE OWNER'S OPTION, A WARRANNTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALLL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE: OWNER.
- 4. THE CONTRACTOR SHALL PAY FORR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICCTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FREDERAL.
- THE OWNER SHALL FILE A "NOTICE (OF COMMENCEMENT" PRIOR TO THE BEGINNING THE PROJECT ANNO THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" ANNO PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- MY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPILIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
- ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE EBUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTITS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REEPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.
- 8. ALL INSULATION SHALL BE LEFT EXXPOSED AND ALL LABLES LEFT INTACT ON THE WINDOWS AND , DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- 9. ALL WOOD IN CONTACT WITH CONCERETE OR MASONRY SHALL BE PRESSURE TREATED.
- D. INTERIOR BEARING WALLS SHALL BBE CONSTRUCTED IN COM-PLIANCE WITH "UL Design U301", BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED + AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.
- INTERIOR STUD WALLS SEPARATINGS LIVING AREA FROM SHOP AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U301", INCLUDING R-11 BAATT INSULATION.
- 12. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECCODE "C" GWB ON IX3 WOOD FURRING AT 16" O.C., ATTACHED W/ I 1 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.

AS - BUILT DRAWING ! REQUIREMENTS:

- A. ELECTRICAL "AS-BUILT" DRAWINGS;
 ELECTRICAL CONT'R SHALL PREPAARE "AS-BUILT" SHOP
 DWGS INDICATING ALL ELECTRICALL WORK, INCLUDING ANY
 CHANGES TO THE ELEC. PLAN, ADDO'NS TO THE ELEC. PLAN,
 RISER DIAGRAM, AS-BUILT PANEL S'SCHEDULE W/ ALL CKTS
 IDENTIFIED W/ CKT Nr., DESCRIPTIONN & BRKR, SERVICE ENT.
 & ALL UNDERGROUND WIRE LOCATICIONS/ROUTING/DEPTH.
 RISER DIA. SHALL INCLUDE WIRE SIZIZES/TYPE & EQUIPMENT
 TYPE W/ RATINGS & LOADS.
 CONTRACTOR SHALL PROVIDE I CCOPY OF AS-BUILT DWGS
 TO OWNER & I COPY TO THE PERMITIT ISSUING AUTHORITY.
- B. H.V.A.C. "AS-BUILT" DRAWINGS
 H.V.A.C. CONTRACTOR SHALL PREPSARE "AS-BUILT" SHOP
 DRAWINGS INDICATING ALL H.V.A.C. (WORK, INCLUDING ALL
 DUCTWORK LOC., SIZES, LINES, EQUIFIPMENT SCH. & BALANCING
 REPORT CONT'R SHALL PROVIDE: | COPY OF AS-BLT. DWGS
 TO OWNER & | COPY TO THE PERMITIT ISSUING AUTHORITY.
- C. PLUMBING "AS-BUILT" DRAWINGS
 PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP
 DRAWINGS INDICATING ALL PLUMBINING WORK, INCLUDING ALL
 PLUMBING LINE LOCATIONS AND RISER DIAGRAM CONT'R
 SHALL PROVIDE I COPY OF AS-BUILLT DWGS TO OWNER AND
 I COPY TO THE PERMIT ISSUING AUTTHORITY.

PROJECT INFORMATION / NOTES:

DESIGN CODES

BUILDING CODE: 2014 FLORIDA BUILDING CCODE, 5th EDITION

ELECTRICAL CODE: NATIONAL ELECTRICAL _ CODE - LATEST LIFE SAFETY: NFPA-IØI - LATEST

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT; ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFEY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE: ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRACCATION OF ANY MATERIALS.

O NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLA, ANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO FINAL PLAN SETS

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULLTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

GENERAL PLUMBING NOTES:

- 1. SUB-CONTRACTORS PROVIDING PLUMBING MATERIALS AND INSTALL-ATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES I THRU 6.
- 2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE
- WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
- 3. ALL MATERIALS SHALL BE NEW.
- 4. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL.
- 5. ALL EXCAYATION & BACKFILL AS REQUIRED FOR THIS PHASE OF THE CONSTRUCTION SHALL BE PART OF THE PLUMBING SUB-CONTRACTOR'S RESPONSIBILITIES.
- 6. PLUMBING FLAT PLANS AND RISER DIAGRAMS (IF INCLUDED) ARE DIA-GRAMATIC. DO NOT SCALE THE DRAWINGS FOR EXACT LOCATIONS OF THE PLUMBING FIXTURES.
- 7. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID

INTERFERENCE WITH THE PROGRESS OF THE CONSTRUCTION.

- 8. WATER PIPING SHALL BE TYPE L COPPER UP TO 1", & TYPE K FOR ALL LARGER SIZES. ALL UNDERGROUND PIPING SHALL BE TYPE K COPPER AT THE OWNERS OPTION SUPPLY PIPING MAY BE C.P.V.C., SCHEDULE 40 OR SCHEDULE 80.
- 9. DO NOT USE LEAD BASED SOLDER FOR JOINING SUPPLY PIPING.

10. SOIL WASTE, VENT & RAINWATER PIPING SHALL BE CAST IRON NO-HUB

- 301-72 ABOVE GRADE WITH NEOPRENE GASKETS AND STAINLESS STEEL BANDS & BELL & SPIGOT CAST IRON BELOW GRADE W/ LEAD & OAKUM JOINTS OR AT THE OWNERS OPTION, P.V.C., SCHEDULE 40, SEE NOTE 12.
- 11. AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE THREADED STEEL PIPE, COPPER DRAIN, WASTE OR VENT PIPE AND FITTINGS, OR P.V.C., SEE NOTE 12, BELOW. INSULATE ALL CONDENSATE PIPING EXCEPT WHERE UNDERGROUND, AND ELECTRIC HEAT WRAP WHERE EXPOSED TO FREEZING CONDITIONS.
- 12. P.V.C. SCHEDULE 40 PIPE AND FITTINGS MAY BE USED FOR SOIL, WASTE, VENT, RAINWATER OR CONDENSATE PIPING AS APPROPRIATE, WHERE APPROVED BY LOCAL BUILDING CODES & OFFICIALS, P.V.C. MAY NOT BE USED TO PENETRATE CHASES OR FIRE RATED WALLS / CEILINGS.
- 13. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND WHERE PROVIDED, MARKED ACCESS PANELS.
- 14. FURNISH AND INSTALL APPROVED AIR CHAMBERS AT EACH PLUMBING FIXTURE AND APPROVED SHOCK ARRESTERS ON MAIN LINE OR RISERS.
- 15. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS.
- 16. ISOLATE COPPER PIPING FROM HANGERS OR SUPPORTS W/ HAIR FELT INSULATOR PADS.
- 17. PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM NEAR-EST PLUMBING FIXTURE, DO NOT MANIFOLD.
- 18. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES.
- 19. PROVIDE COMBINATION COVERPLATE / CLEANOUT PLUG FOR ALL WALL CLEANOUTS, FINISH AS DIRECTED BY THE OWNER.
- 20. FIXTURES, HARDWARE, EQUIPMENT, COLORS AND FINISHES SHALL BE AS SELECTED BY THE OWNER.

ELECTRICAL NOTES

- 1. DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHI-TECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNER.
- 2. INSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC 1997 EDITION, AND IT'S AMENDMENTS AS ADOPTED BY THE PERMIT ISSUING AUTHORITY AT THE TIME OF CONSTRUCTION.
- 3. GROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD GROUND ROD(S) AND TO COLD WATER SUPPLY AS PER ARTICLE 250 OF NEC-1994.
- 4. INSTALL ONLY COPPER WIRING ON THIS PROJECT: THW, TW, THWN, THHN OR NM CABLE, UNLESS NOTED OTHERWISE. ALL CONDUCTORS *10 & SMALLER MAY BE SOLID. ALL CONDUCTORS *8 AND LARGER SHALL BE STRANDED TYPE.
- 5. PROVIDE CONTINUITY OF NEUTRAL ON MULTI-BRANCH CIRCUITS BY SPLICING AND BRINGING OUT A TAP, ASSURING NO OPEN-INGS OF NEUTRAL IN REPLACEMENT OF A DEVICE.
- 6. COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL WHITE, GROUND GREEN, LINE ALL OTHER COLORS.
- 1. INSTALL ONLY HIGH POWER FACTOR BALLASTS AT FLUORESCENT
- 8. INSTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, REST-ROOM, SERVING AREA, LAUNDRY, SHOP AND EXTERIOR RECEP-TACLES AND AS NOTED ON THE DRAWINGS.
- 9. INSTALL ONLY THOSE ELECTRICAL DEVICES THAT BEAR A "UL" OR OTHER RECOGNIZED TESTING LAB LABEL, ALL MATERIALS SHALL BE NEW.
- 10. INSTALL NON-FUSED DISCONNECT SWITCHES AT ALL PIECES OF ELECTRICAL EQUIPMENT LOCATED WHERE SAID EQUIPMENT IS NOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS IT: SIZE IN ACCORD WITH THE LOAD, ALL DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE QUICK-BREAK TYPE ENCLOSURES SHALL BE AS REQ'D FOR EXPOSURE.
- 11. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVER-LOAD RELAYS IN EACH HOT LEG.
- 12. ISOLATE DISSIMILAR CONDUIT AND TUBING METALS FROM SOIL, WATER AND GAS PIPING AND OTHER BUILDING MATERIALS WHERE DAMAGE BY FRICTION OR ELECTROLYSIS MAY OCCUR, EXCEPT WHERE ELECTRICAL GROUND IS PROVIDED.
- 13. FURNISH AND INSTALL ALL ELECTRICAL DEVICES AND ITEMS REQUIRED FOR A COMPLETE, OPERATING SYSTEM, PROVIDING THE FUNCTIONS AS DETAILED IN THE PLANS (AND SPECS).
- 14. OUTLET BOXES SHALL BE PRESSED STEEL OR PLASTIC FOR ALL DRY LOCATIONS, FOR WET LOCATIONS, CAST ALLOY WITH THREADED HUB OUTLET BOXES SHALL BE INSTALLED.
- 15. HOT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE PRESENT TO VERIFY PROPER FUNCTION PRIOR TO C.O.
- 16. COORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS, CO-ORDINATE WITH HVAC CONTRACTOR AND ELECTRONICS SYSTEMS CONTRACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS INSTALLED, IN EACH CASE, WITH NO EXTRA COST TO THE OWNER.
- 17. EMERGENCY LIGHTING AND EXIT SIGNS, IF INDICATED ON THE PLANS, SHALL BE WIRED PER NEC 700-12F.
- 18. ALL PANEL SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL BE TYPEWRITTEN. EA. CIRCUIT SHALL BE CLEARLY IDENTIFIED TO WHAT IS INCLUDED ON SAID CIRCUIT.
- 19. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION.
- 20. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF THE POWER COMPANY & TELEPHONE COMPANY.
- 21. FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR HVAC SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. CONTROLS ARE TO BE SUPPLIED BY THE HVAC CONTRACTOR, AND CONNECTED BY THE ELECTRICAL CONTRACTOR.
- 22. ALL RACEWAYS BELOW GROUND SHALL BE A MINIMUM OD 3/4".
- 23. ALL CIRCUIT BREAKERS, TWO AND THREE POLE, SHALL BE COMMON TRIP. NO TIE HANDLES OR TANDEMS SHALL BE ACCEPTABLE.
- 24. ALL FUSES, UNLESS NOTED OTHERWISE ON THE DRAWINGS, SHALL BE CURRENT LIMITED TYPE (C.L.) RATED 200,000 AIC.
- 25. ELECTRICAL CONTRACTOR SHALL VERIFY ALL COMPONENTS FOR ALL ELECTRICAL APPLICATIONS & DETERMINE THE CORRECTNESS OF SAME, ANY DISCREPANCY SHALL BE REPORTED TO THE OWNER PRIOR TO FABRICATING ANY MATERIALS, ORDERING COMPONENTS OR DOING ANY WORK.
- 26. CIRCUITS ON PANEL SCHEDULE (AND PLANS) ARE TO DETERMINE LOAD DATA AND SIZE. THE CONTRACTOR SHALL PROVIDE CIRCUITS AND ROUTING OF CONDUITS AND WIRING TO SUIT JOB CONDITIONS, AND BALANCE THE JOB, THROUGHOUT.
- 27. CHECK EQUIPMENT FOR PROPER VOLTAGE, PHASE AND AMPERAGE RATING PRIOR TO CONNECTION TO CIRCUITS.
- 28. PANEL BOARDS SHALL BE CIRCUIT BREAKER TYPE, VERIFY NUMBER AND SIZES OF CIRCUITS.
- 29. WHEN CONDUIT RUNS EXCEED 200 FEET, PULL BOXES SHALL BE INSTALLED SO THAT NO PULL EXCEEDS THIS DISTANCE.
- 30. ELECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN ON THE PLANS ARE DESIGNED FOR MAX. AVAILABLE FAULT CURRENT AND MAX. ALLOWABLE VOLTAGE DROP, RESPECTIVELY.

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DRAWN:

RCRAFT HANGER FOR:
ZOELLER
C, COLUMBIA COUNTY, FLORIDA

a m

NICHOLAS
PAUL
GEISLER
ARCHITECT
C.A.R.B. Certified 386–365–4355

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