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Private Small Aircraft Hanger for:

Brad Zoeller

Cannon Creek Airpark, Columbia County, Florida

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REVISIONS:
01 JAN 2017
26 JAN 2017

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PRIVATE SMALL AIRCRAFT HANGER FOR:
BRAD ZOELLER
CANNON CREEK AIRPARK, COLUMBIA COUNTY, FLORIDA
COVER SHEET

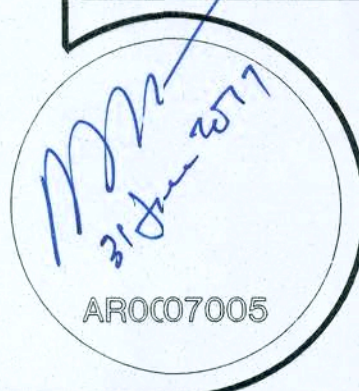
44 Years of Service
1972 - 2016
N.P. Zoeller, Architect
CANNON CREEK, FL 32005

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Rd.
Lake City, FL 32005
386-365-4355

DATE:
15 NOV 2016

CONTRACT:
251679

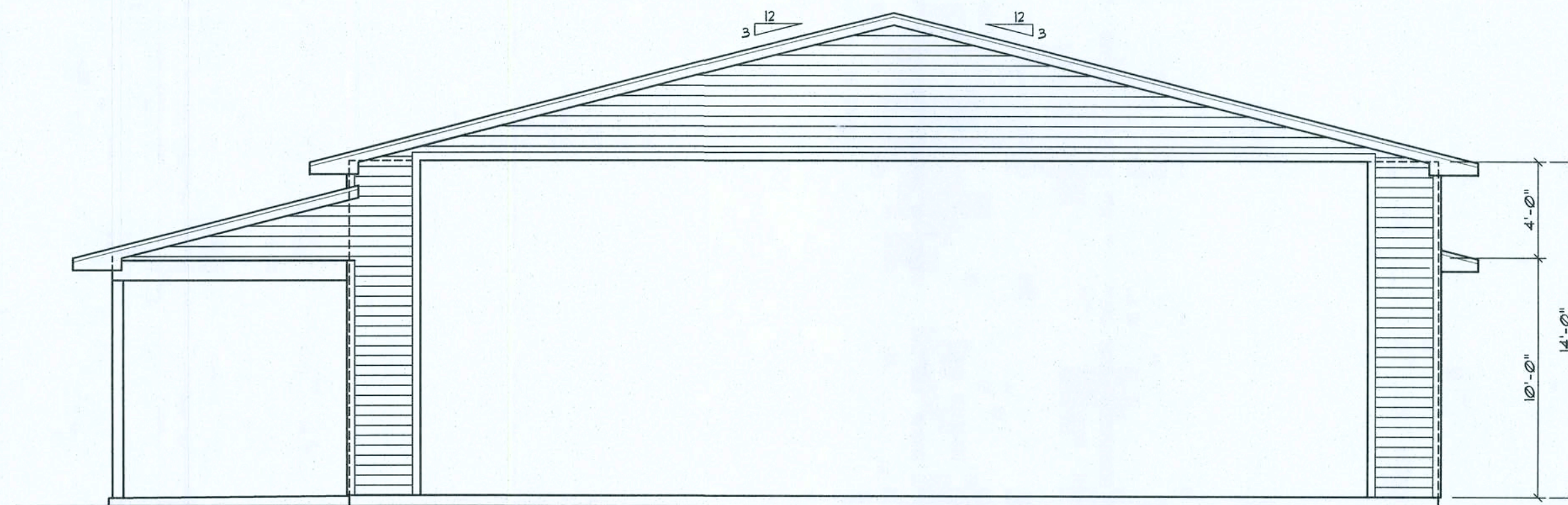
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OF 1





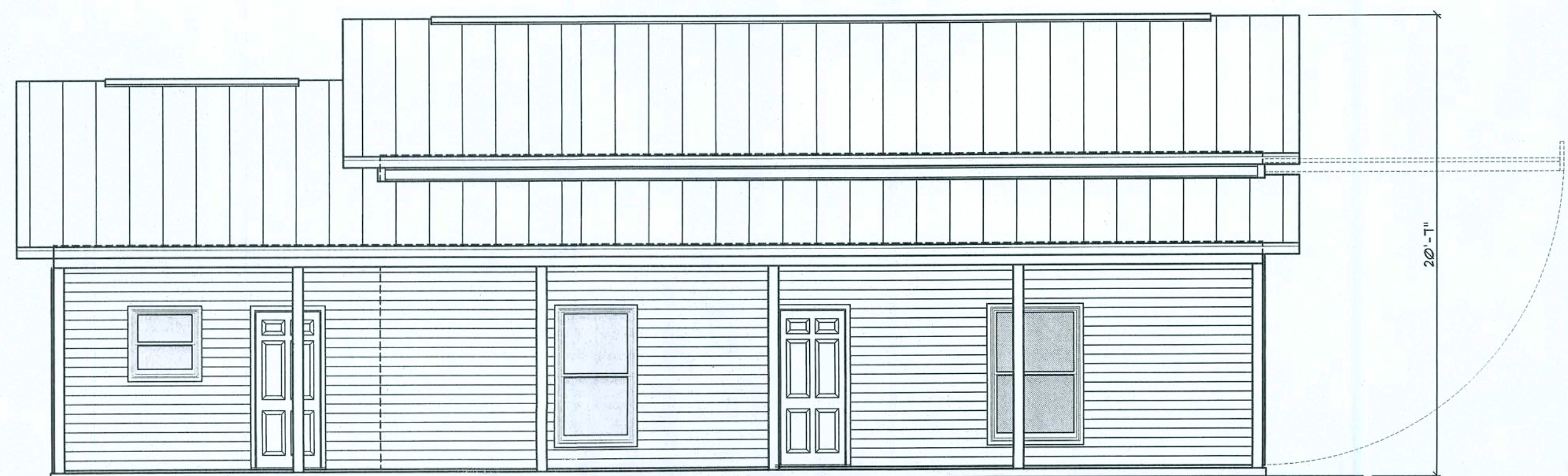
FRONT ELEVATION

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



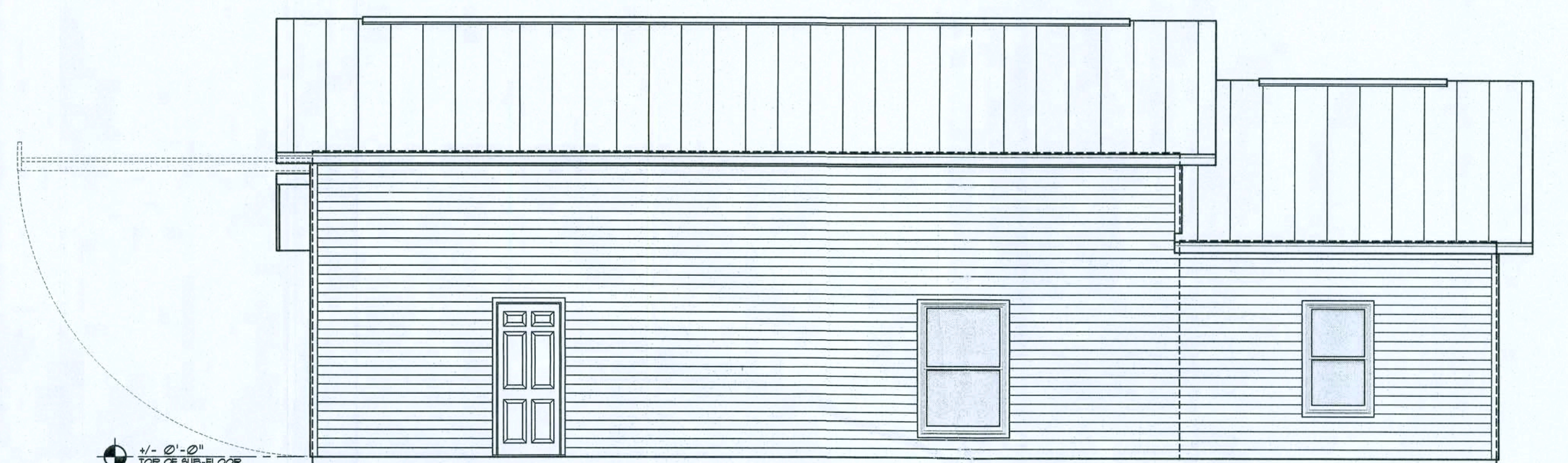
REAR ELEVATION

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



LEFT SIDE ELEVATION

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

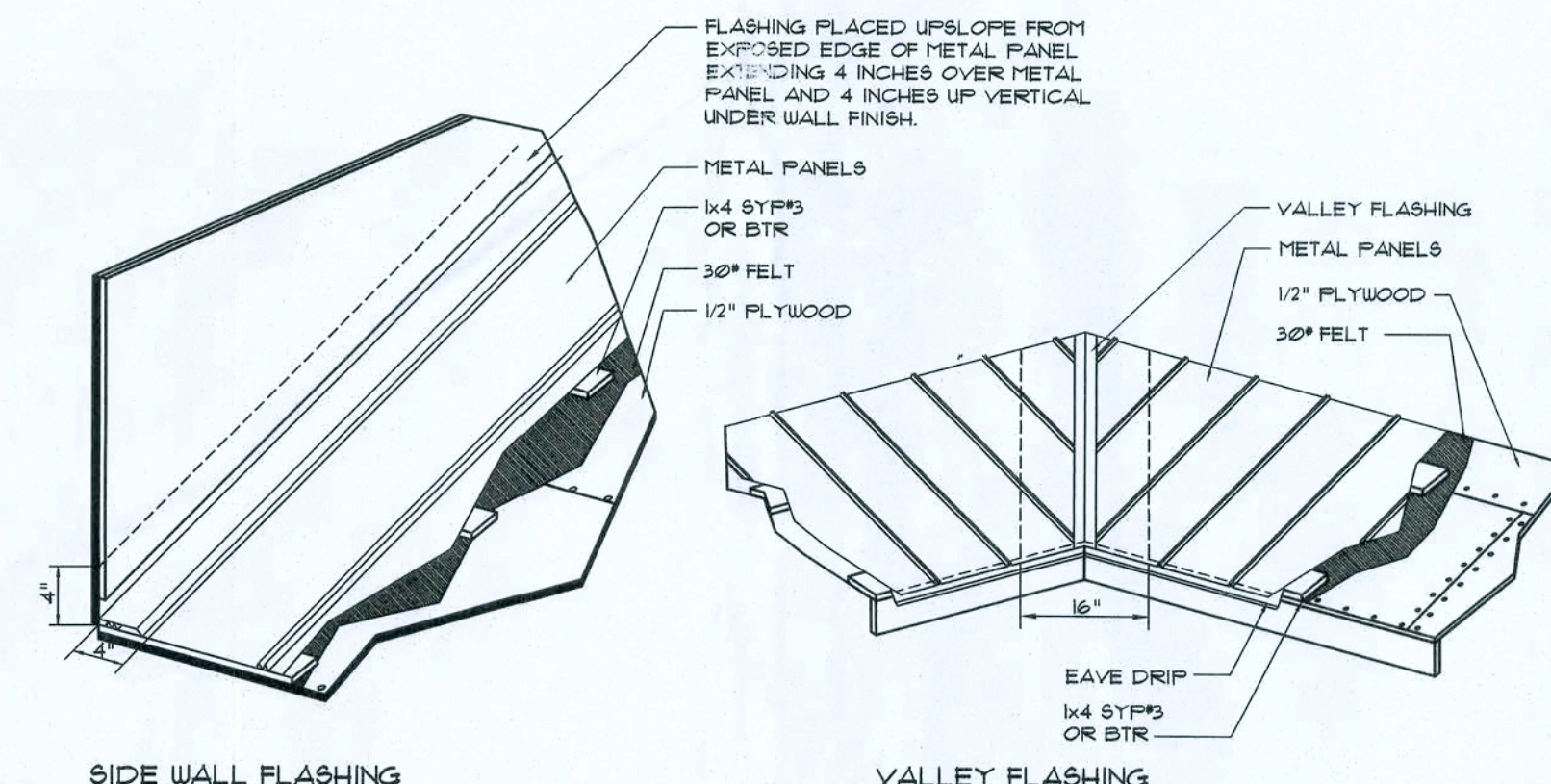


RIGHT SIDE ELEVATION

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

EXTERIOR FINISH MATERIALS:

1. CONT. 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
7. 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
10. ENTRY DOOR, MTL HC W/ MTL FRAME, ALL PAINTED - AS SELECTED BY OWNER
11. CONCRETE PORCH DECK, W/ WOOD FLOAT FINISH & TOOLED EDGES
12. MASONRY FOUNDATION - REFER TO OWNER AS TO FINISH.



SIDE WALL FLASHING

VALLEY FLASHING

General Roofing NOTES:

DECK REQUIREMENTS:
METAL PANELS MUST BE FASTENED TO MIN. 1/2" CDX PLYWOOD.
SLOPE:
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 PANELS:
METAL PANELS SHALL BE MIN. 26 GAUGE AND COMPLY WITH ASTM A-792 AND D 1-98 EXPOSURE C AS ADOPTED IN SOUTH FLORIDA.
FASTENERS:
FASTENERS FOR METAL PANELS SHALL BE GALVANIZED WOOD FAST SCREWS, 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 140 MPH OR GREATER. SPECIAL METHODS OF FASTENING ARE REQUIRED, UNLESS OTHERWISE NOTED. ATTACHMENT OF METAL PANELS SHALL CONFORM WITH ASTM E 3302 OR F.A. 125.
BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFG'S INSTALLATION INSTRUCTIONS.
1. RC-1 - RIDGE CAP
2. ED-1 - EAVE DRIP
3. EP-3 - EAVE FLASHING
4. SW-1 - SIDEWALL FLASHING
5. EW-1 - ENDWALL FLASHING
6. GR-4 - GABLE END OR RAKE BOARD FLASHING
7. TP-1 - TRANSITION FLASHING
8. PV-2 - PREFORMED VALLEY FLASHING
9. BUTYL TAPE
10. SEALANT TAPE
11. 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 FLASHINGS SHALL BE INSTALLED IN ACCORDANCE W/ MFG'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE EITHER CORROSION RESISTANT METAL OR MINIMUM 1/8" THICKNESS 6063 ALUMINUM OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 11 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM THICKNESS OF 6063 ALUMINUM.
VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ROOFING MATERIAL. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:
1. OPEN VALLEYS LINED WITH METAL: THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN REC. TABLE 903.352.
2. OPEN VALLEYS: VALLEY LINING OF TWO PLYS 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:
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 & COMPLYING WITH ASTM D 910.

8M-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 BASED ON ASCE 1-98, EXPOSURE 'C'									
ROOF ZONE	FASTENER TYPE	FASTENER SIZE	PLACEMENT TO	120 - 130		130 - 140		140 - 150	
				O/C SPACING	TRIM	O/C SPACING	TRIM	O/C SPACING	TRIM
1	WD. SCREW	#9 X 1 1/2"	WOOD	36"	18"	24"	12"	24"	12"
	MTL. SCR.	#12 X 1"	< 18 GA	36"	18"	24"	12"	24"	12"
	MTL. SCR.	#14 X 1 1/8"	> 18 GA	36"	18"	24"	12"	24"	12"
2 & 3	WD. SCREW	#9 X 1 1/2"	WOOD	36"	18"	24"	12"	24"	8"
	MTL. SCR.	#12 X 1"	< 18 GA	36"	18"	24"	12"	24"	8"
	MTL. SCR.	#14 X 1 1/8"	> 18 GA	36"	18"	24"	12"	24"	8"

REVISION
27 NOV 2016
23 JAN 2017
26 JAN 2017

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PRIVATE SMALL AIRCRAFT HANGER FOR:
BRAD ZOELLER
CANNON CREEK AIRPARK, COLUMBIA COUNTY, FLORIDA
BUILDING ELEVATIONS

Celebrating
44 Years of Service
1972 - 2016
N.P. Geisler, Architect
N.C.A.R.B. #A0007005

**NICHOLAS
GEISLER
ARCHITECT**
N.C.A.R.B. #A0007005
1755 NW Browardway
336-365-4355

DATE:
15 NOV 2016

CONTRACT:
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A.1
1 OF 4

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Design No. U301

Beang Wall Rating-2 Hr.
Finsh Rating-66 Min.

1. Nailheads - Exposed - covered with joint finisher.

2. Joints - Exposed or covered with fiber tape and joint finisher. As an alternate, nominal 1/2 in. thick gypsum venser plaster may be applied to the entire surface of Classified venser baseboard. Joints reinforced.

3. Nails - 6d cement-coated nails 1-7/8 in. long, ØØ915 in. shank diam., 1/4 in. diam. heads and 8d cement-coated nails 2-3/8 in. long, ØØ113 in. shank diam./32 in. diam. heads.

4. Wallboard, Gypsum - 5/8 in. thick, two layers applied either horizontally or vertically; inner layer attached to studs with the 1-7/8 in. nails spaced 6 in. O.C. Outer layer attached to studs over inner layer on the 2-3/8 in. long nails spaced 8 in. O.C. Vertical joints located over studs. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side.

Canadian Gypsum Co., Lt. - Types C, SCX, SHX, WRX.
Celotex Corp. - Type 1r FAP.
Dormar Gypsum - Type 4 or 5.
Gold Bond Building Products - Types FSK, F6K-G, -4, F5W, F5W-G, or -4.
James Hardie Gypsum - jpe Fire X.
Fiboco Gypsum, A Div. of Pacific Coast Bldg. Products, Inc. - Types PG-2, -3, -3W3W5, -4 or -6.
Standard Gypsum Corp. Type SGC or SGC-G.
United States Gypsum Co. - Type C, IP-X1, IP-X2, SCX, SHC, SHX, WRX-C, or WRX.

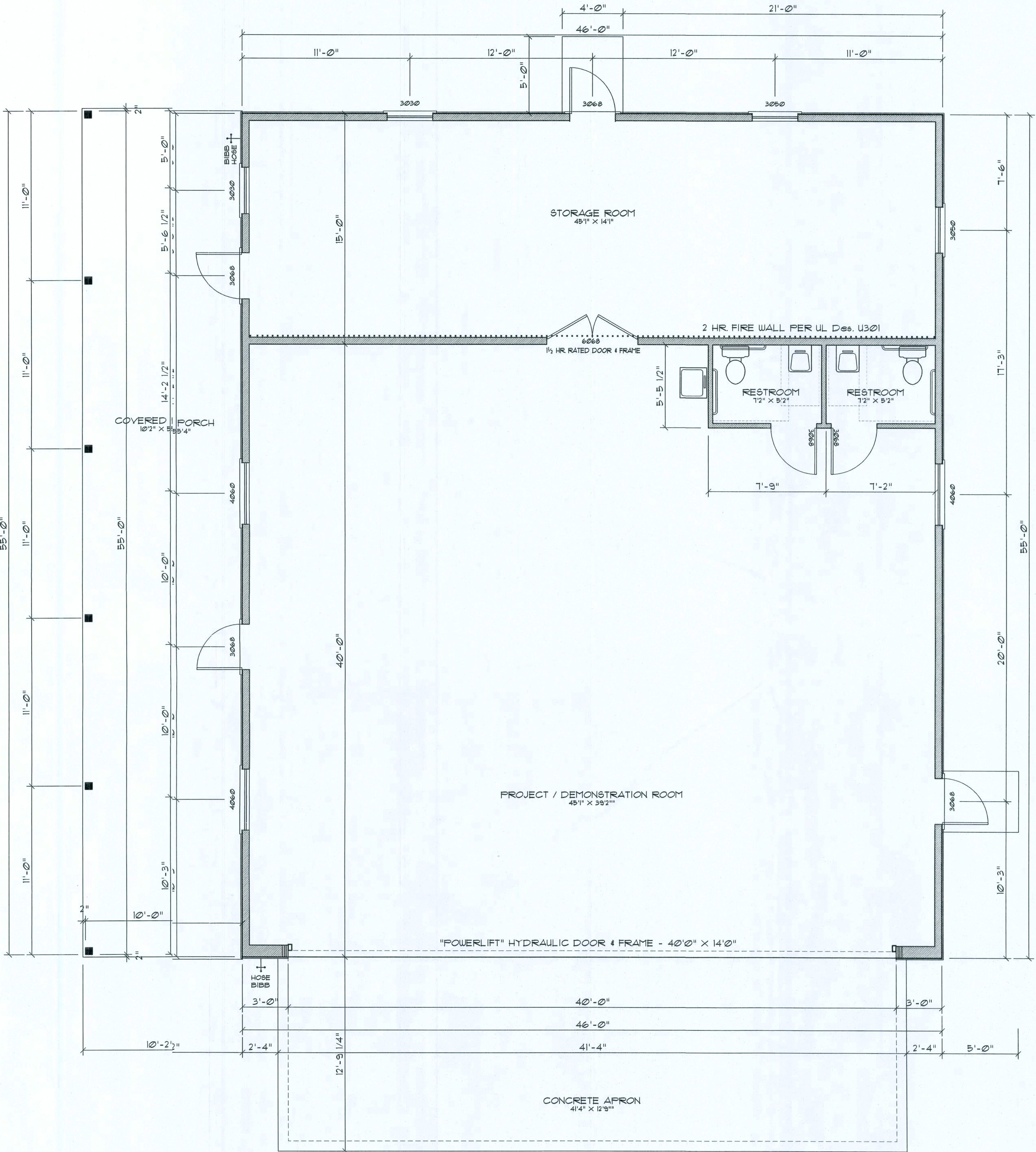
*Bearing the UL Classification Marking

GENERAL INTERIOR FINISH SCHEDULE - HANGER.

FLOOR AREA:	CARET, GLU-DOWN, PATTERN 4 COLOR AS PER THE OWNER OR LAMINATE STRIP WOOD - SEE OWNER FOR CHANGES
BASE:	4" VYL COVE, OR AS SELECTED BY THE OWNER, COLOR AS PER OWNER'S SELECTION
WALLS:	1/2" (3) PRIMED AND PAINTED 2 COATS LATEX WALL PAINT, COLOR 4 GLOSS AS SELECTED BY THE OWNER
MAIN CEILING:	5/8" WB, DIRECT HUNG, TAPED 4 FINISHED, W/ 2 COATS OF LATEX CEILG PAINT, COLOR 4 GLOSS AS SELECTED BY THE OWNER
APPLIED FINISHES:	APPED FINISHED TO GUB, 16: SPRAY, KNOCK-DOWN, SKIP-TROUPEL AND SIMILAR TREATMENTS AS DIRECTED BY THE OWNER.

GENERAL INTERIOR FINISH SCHEDULE - PROJECT ROOM:

FLOOR AREA:	STAND EXPOSED CONC. PATTERN 4 COLOR AS PER THE OWNER OR PAINTED CONCRETE - SEE OWNER FOR CHANGES
R/R FLOOR AREA:	THINET CERAMIC TILE OR SHEET VINYL, PAT. 4 COLOR AS SELECTED BY THE OWNER
R/R BASE:	CERAMIC TILE OR 4" VINYL COVE - MATCH WITH FLOORING
PROJECT RM. BASE:	NONEXCEPT AT GUB - 4" VINYL COVE
WALLS, R/R 4 FIRE WALL:	GUB, APED 4 PAINTED 2 COATS - REFER TO FIRE WALL DETAIL FOR TYPE THICKNESS, COLOR 4 GLOSS AS SELECTED BY THE OWNER
WALLS:	1/2" T11 PLYWOOD, TO 8'-0" AFF, THEN 1/2 GUB, TAPED 4 PAINTED 2 COATS, COLOR 4 GLOSS AS SELECTED BY THE OWNER
MAIN CEILING:	5/8" WB, DIRECT HUNG, TAPED 4 FINISHED, W/ 2 COATS OF LATEX CEILG PAINT, COLOR 4 GLOSS AS SELECTED BY THE OWNER



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



REVISIONS
05 JAN 2017
26 JAN 2017
30 JAN 2017
31 JAN 2017

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PRIVATE SMALL AIRCRAFT HANGER FOR:
BRAD ZOELLER
CANNON CREEK AIRPARK, COLUMBIA COUNTY, FLORIDA
FLOOR PLAN

Celebrating
44 Years of Service
1972 - 2016
N.P. Geisler, Architect
N.C.A.R.B. Certified

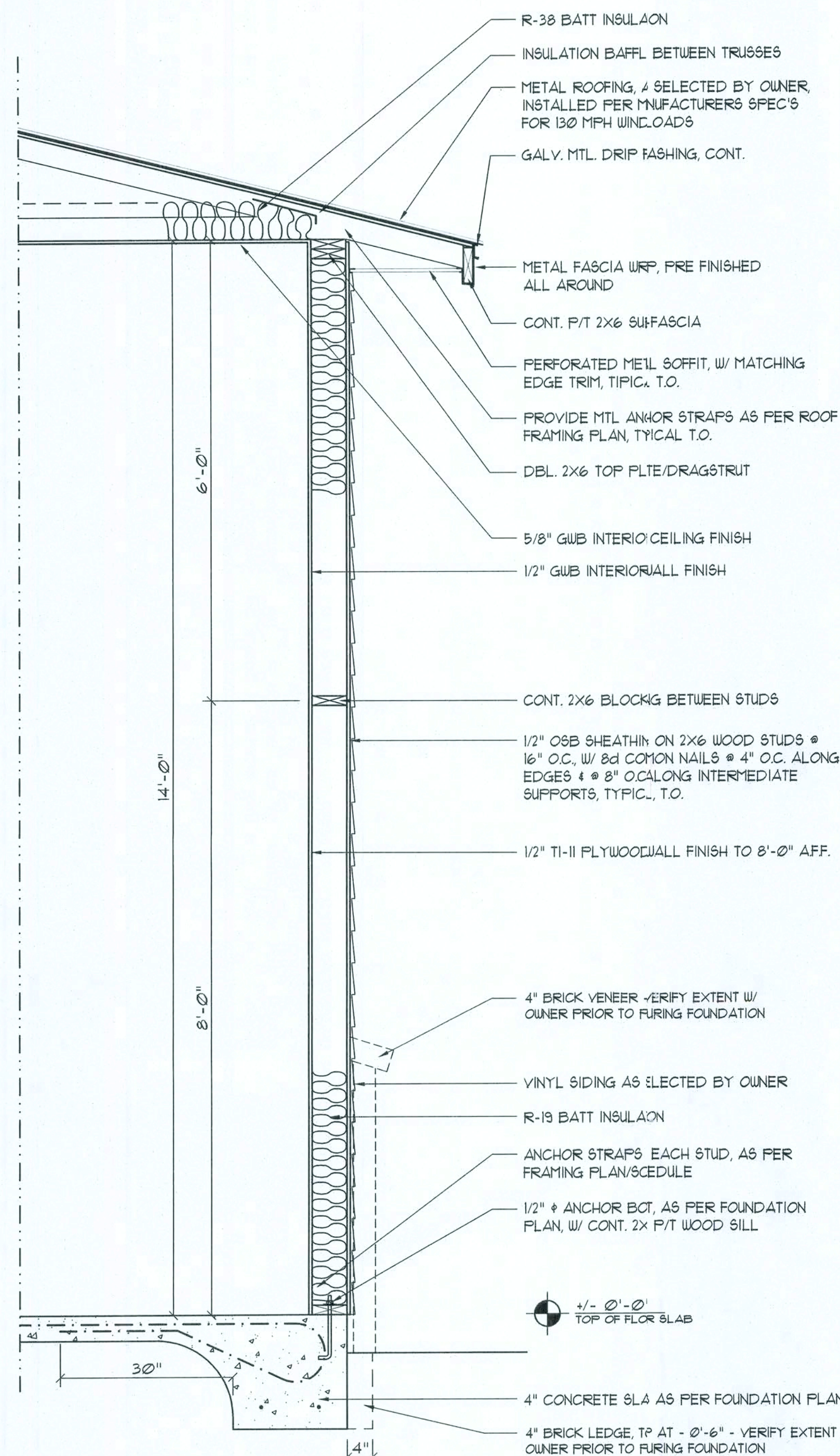
**NICHOLAS
PAUL
GEISLER
ARCHITECT**
N.C.A.R.B. Certified
1756 NW Brown Rd.
Lake City, FL 32055
386-565-4355

DATE:
15 NOV 2016
COMMIT:
2K1679

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A.2
2 OF 4

31 Jan 2017
AR0007005

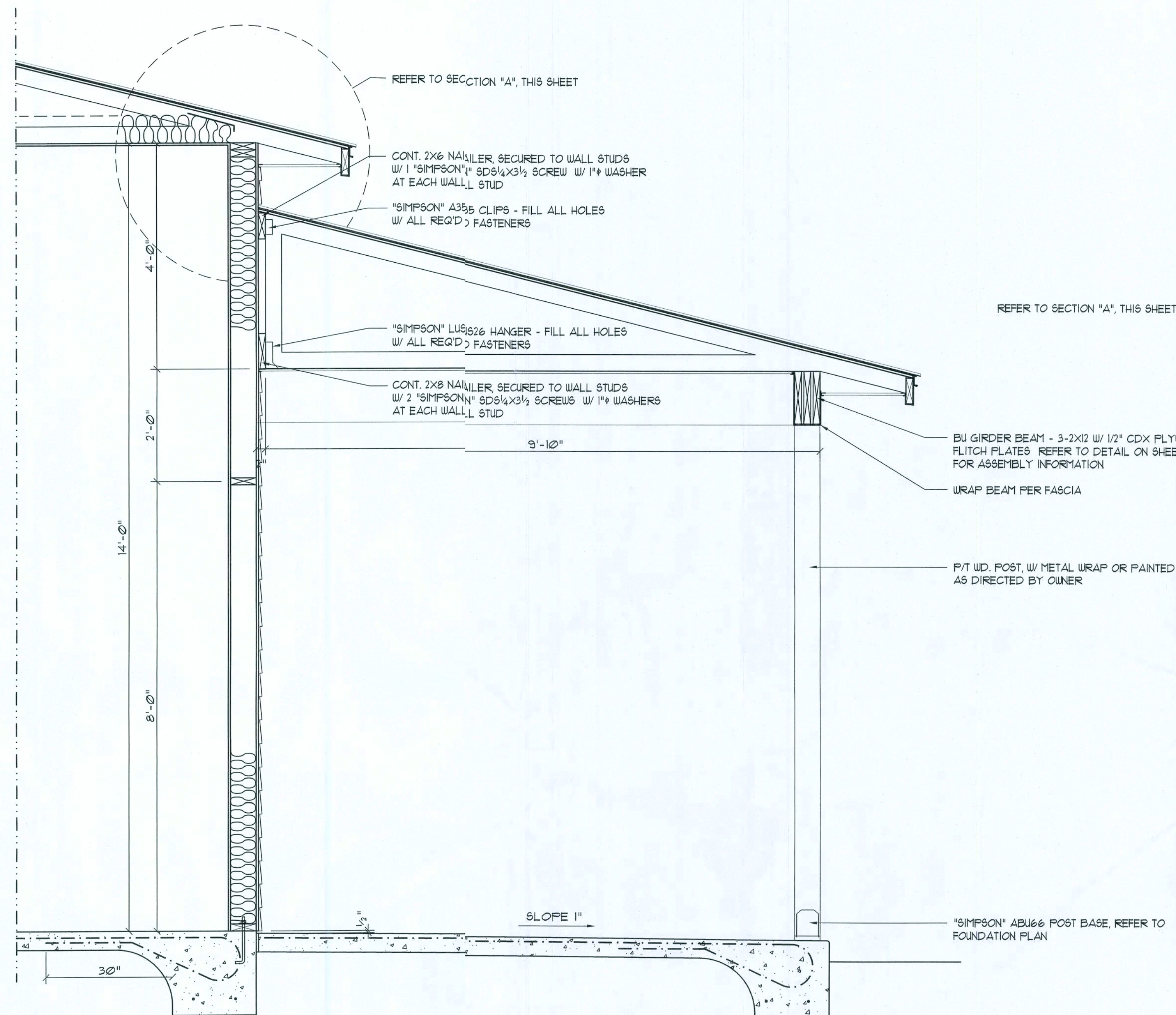
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Typ. 14' Wall SECTION (A)

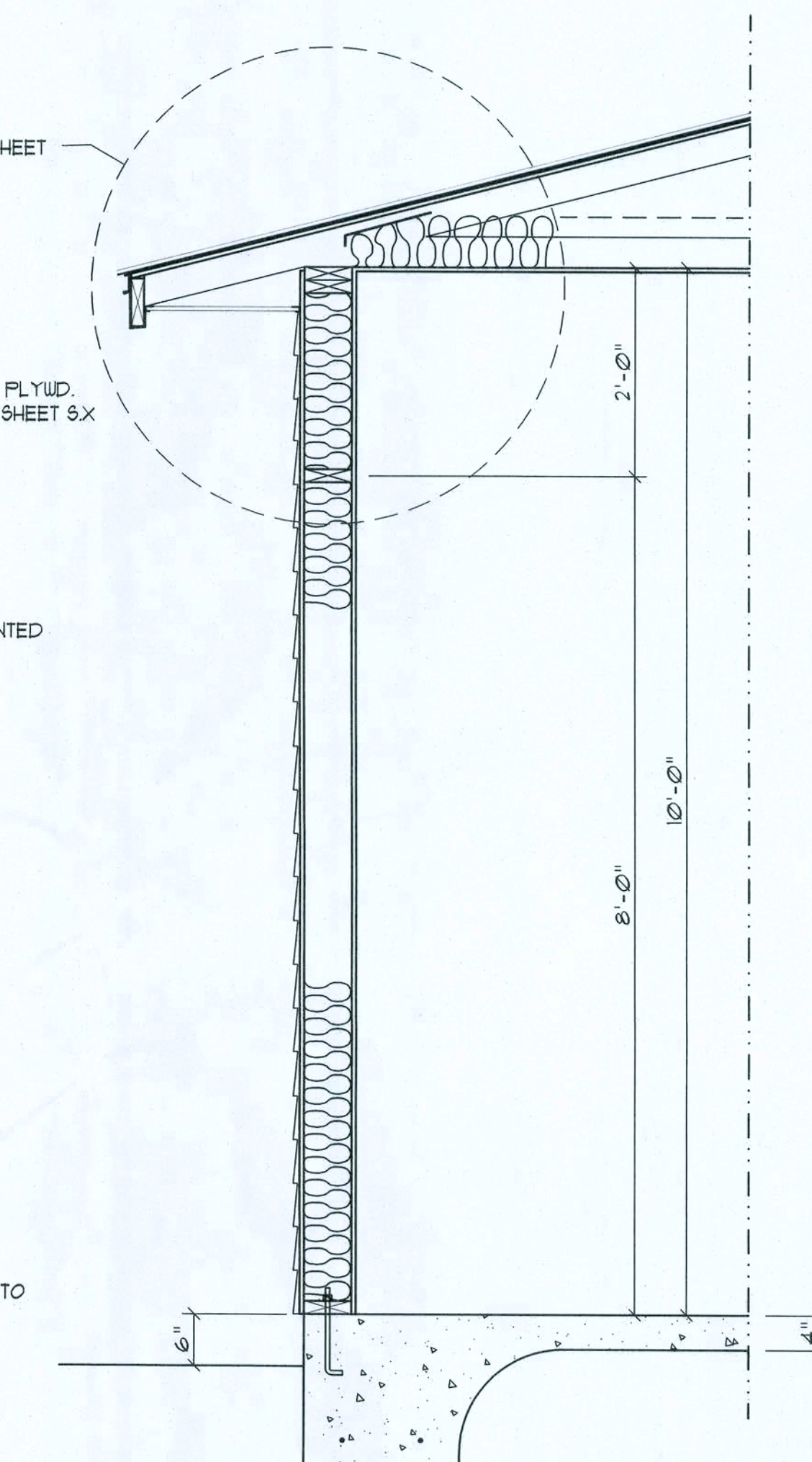
SCALE: 3/4" = 1'-0"

EXTERIOR WALL SHEATHING:
APPLY VERTICALLY, "Windstorm" 1/16" OSB 48" X 97", 103", 121" OR 145" SHEATHING. FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d RING SHANK NAILS @ 3" O.C. OR 8d RS. NAILS @ 4" O.C. FASTEN TO EACH STUD WITH EITHER 6d RING SHANK NAILS @ 6" O.C. OR 8d RS. NAILS @ 8" O.C.



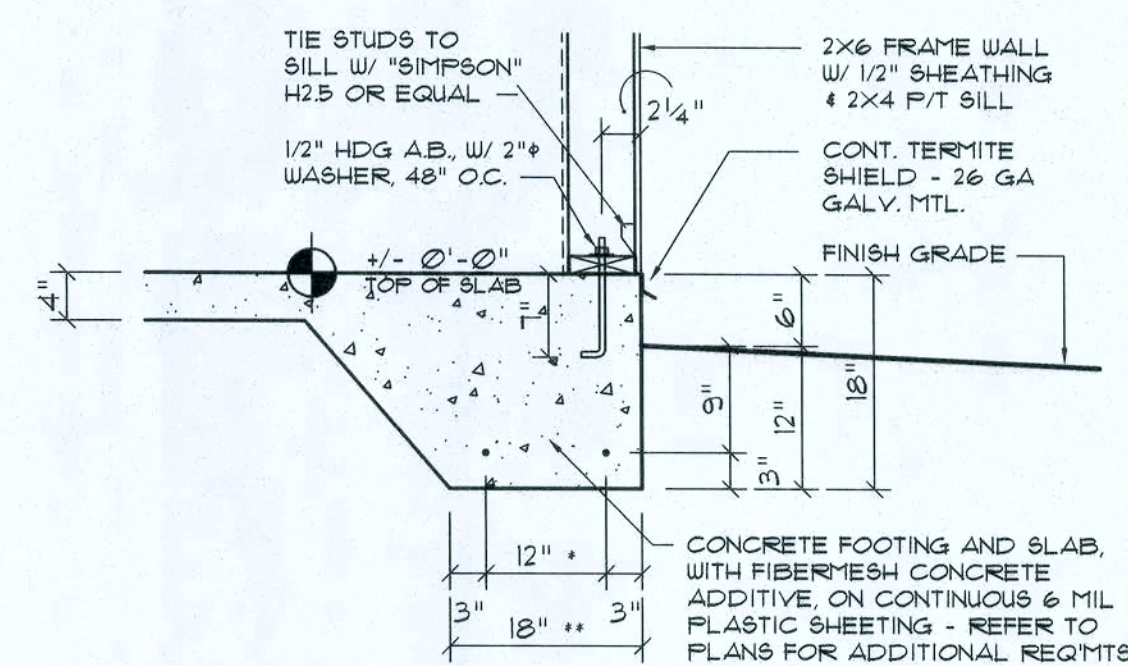
Typ. Porch SECTION (B)

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



Typ. 10' Wall SECTION (C)

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



Typ. Mono. Ftg. DET. (D)

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

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PRIVATE SMALL AIRCRAFT HANGER FOR:
BRAD ZOELLER
CANNON CREEK AIRPARK, COLUMBIA COUNTY, FLORIDA
WALL SECTIONS & DETAILS

Celebrating
44 Years of Service
1972-2016
N.P. Geisler, Architect
AIA0007005

**NICHOLAS
GEISLER
ARCHITECT**
N.C.A.R.E. Certified
1758 NW Brown Rd.
386-365-4352

DATE:

15 NOV 2016

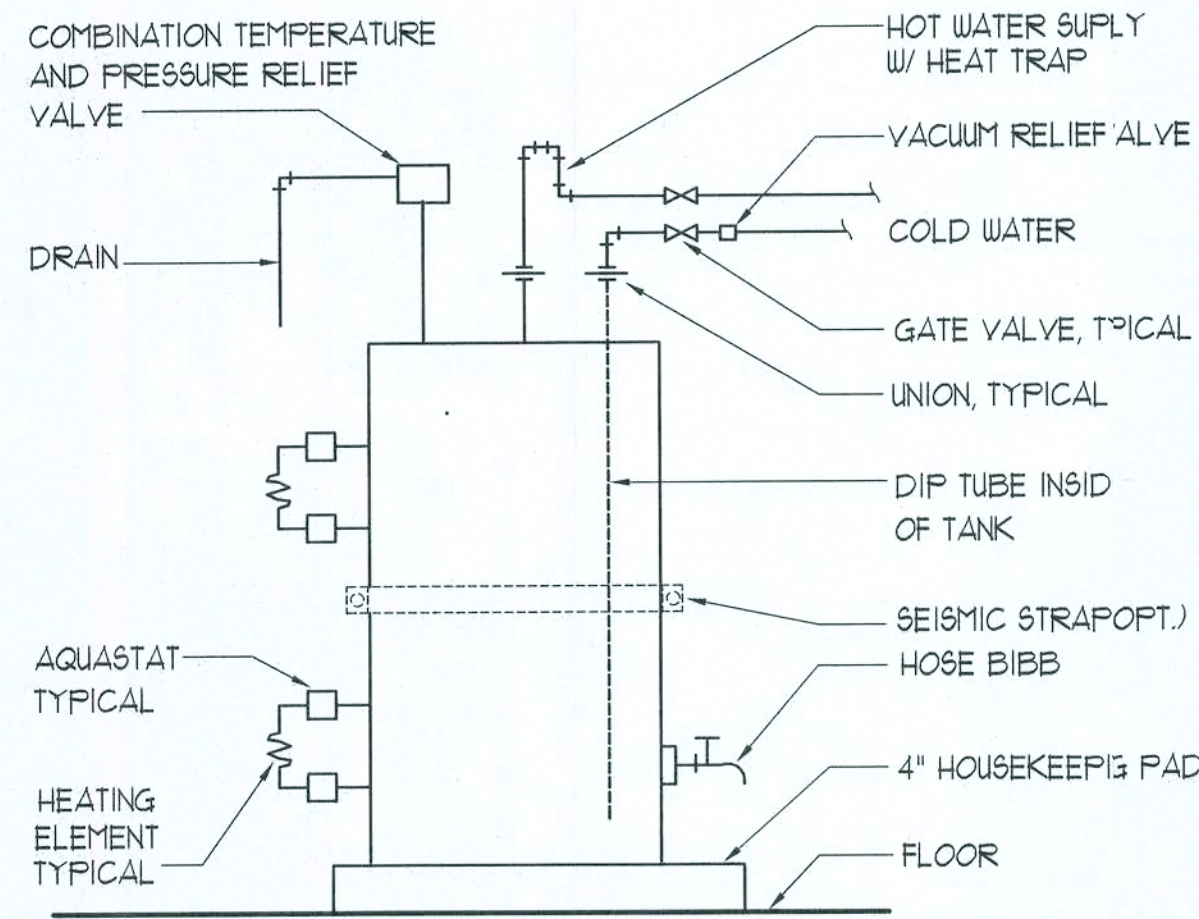
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A.3
3 OF 4

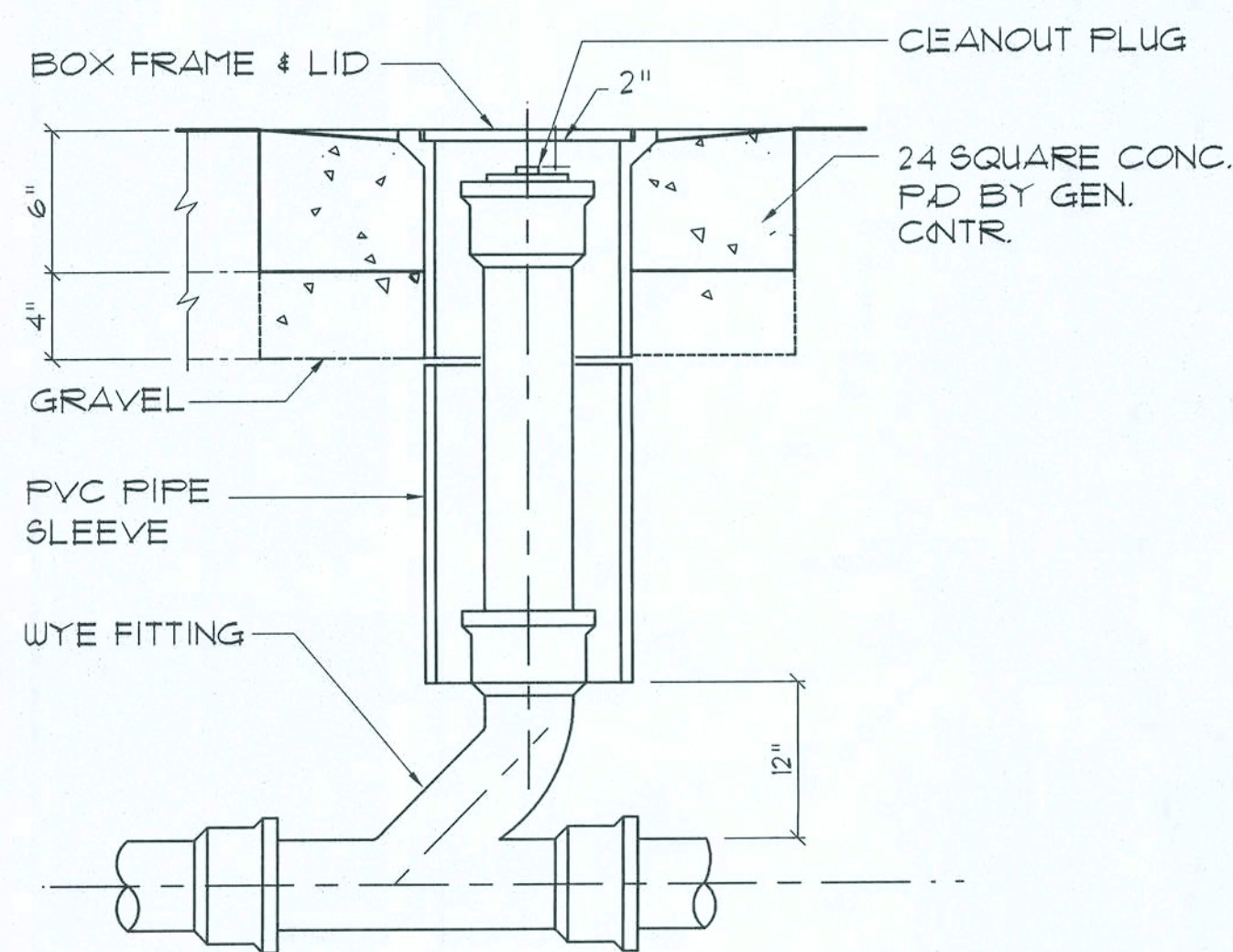
AIA0007005



Electric Water Heater DETAIL

SCALE: NONE

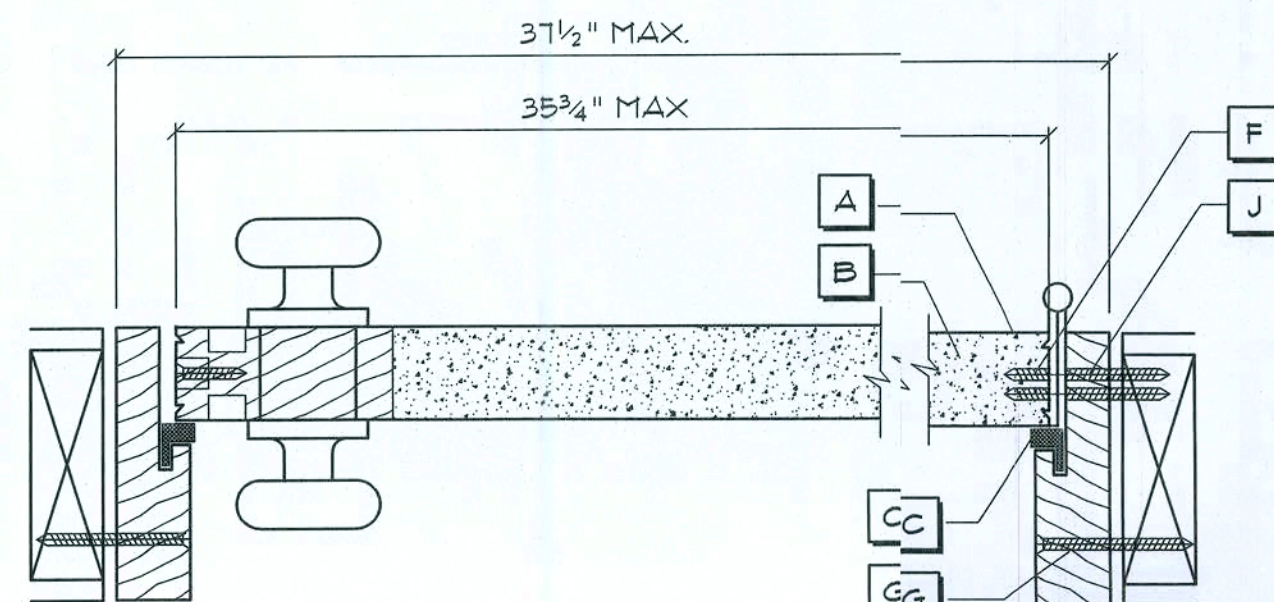
A



Outdoor Cleanout DETAIL

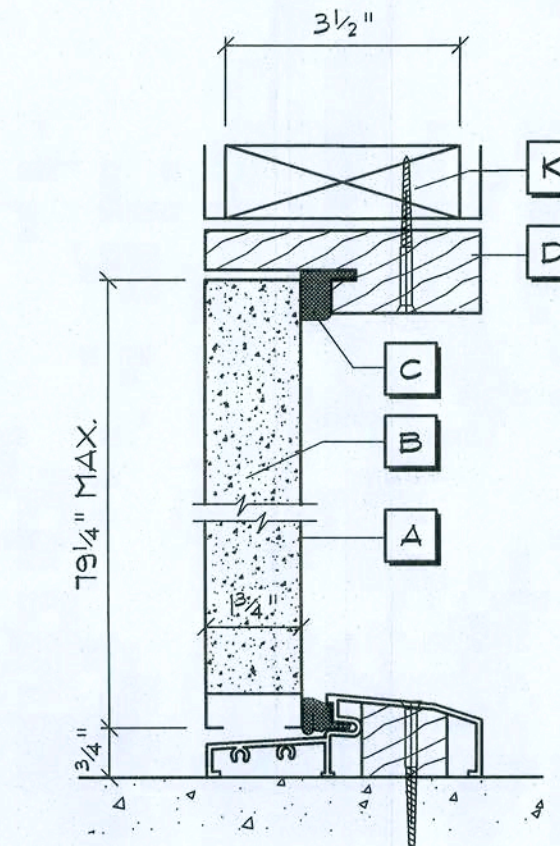
N.T.S.

B



HORIZONTAL SECTION - SINGLE DOORS

NOTE: VERIFY ROUGH OPENING DOOR REQUIREMENTS PRIOR TO CONSTRUCTION

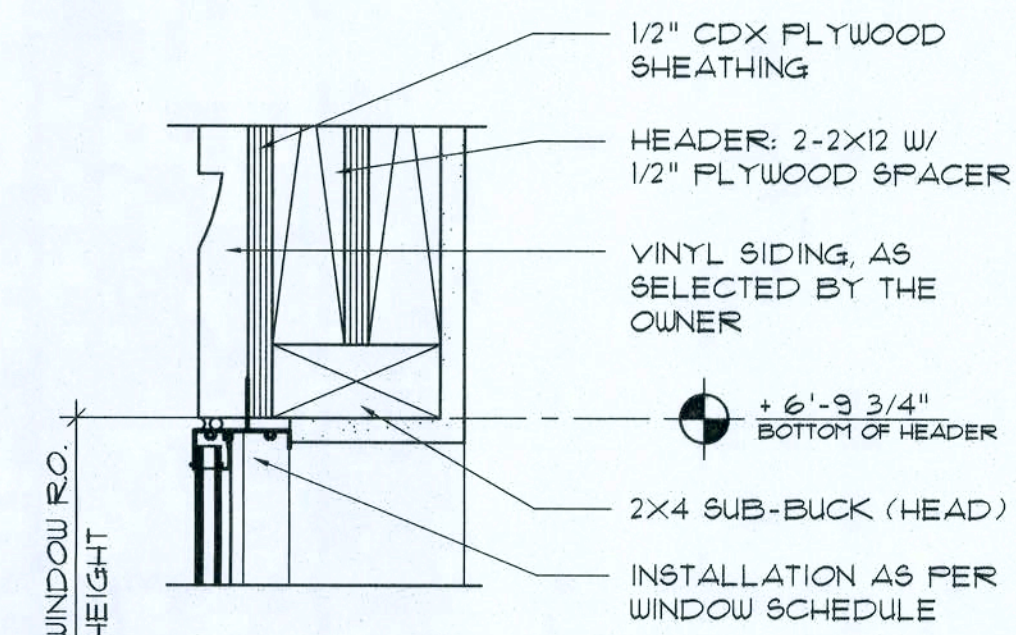


TYPICAL VERTICAL SECTION

DESIGN PRESSURE RATINGS *	
POSITIVE	+76.0 PSF
NEGATIVE	-76.0 PSF

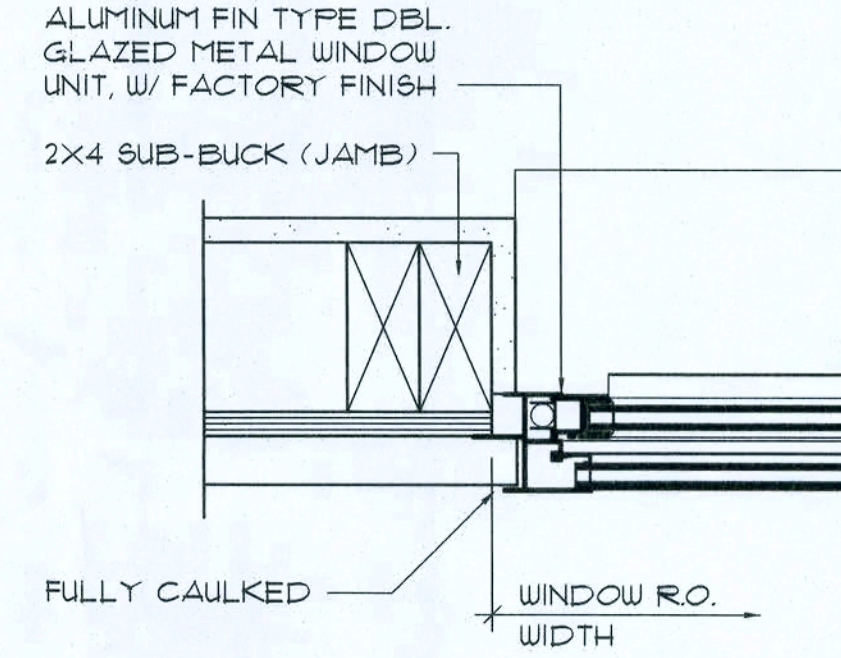
* WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED

NOTE !!!
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:
SERIES ENTERGY 6-8 W/E INSULING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"



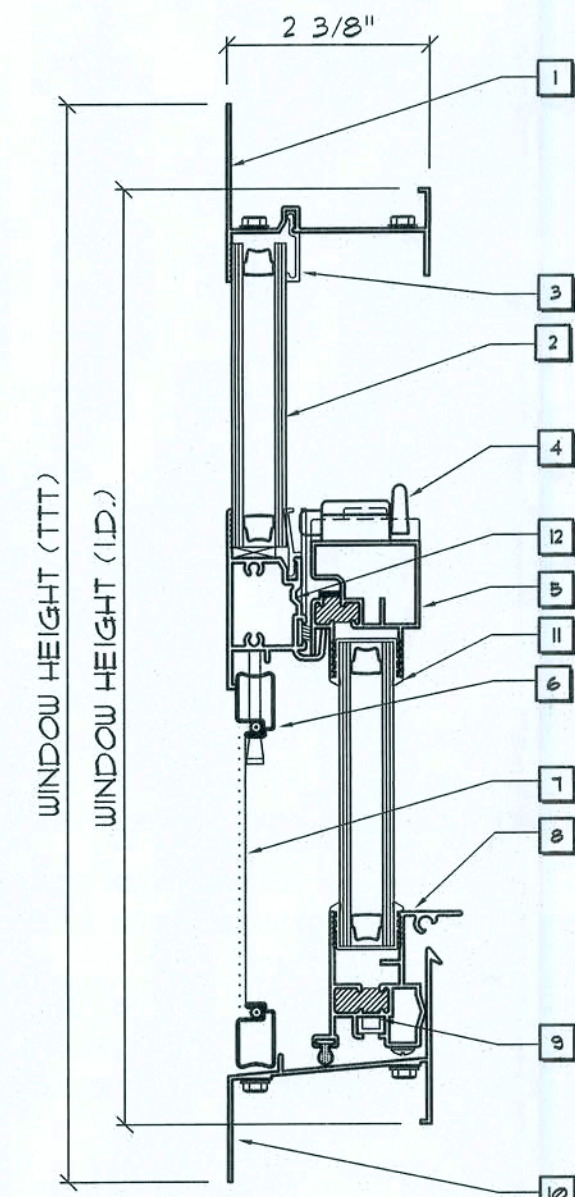
HEAD DETAIL MTL. SASH

1

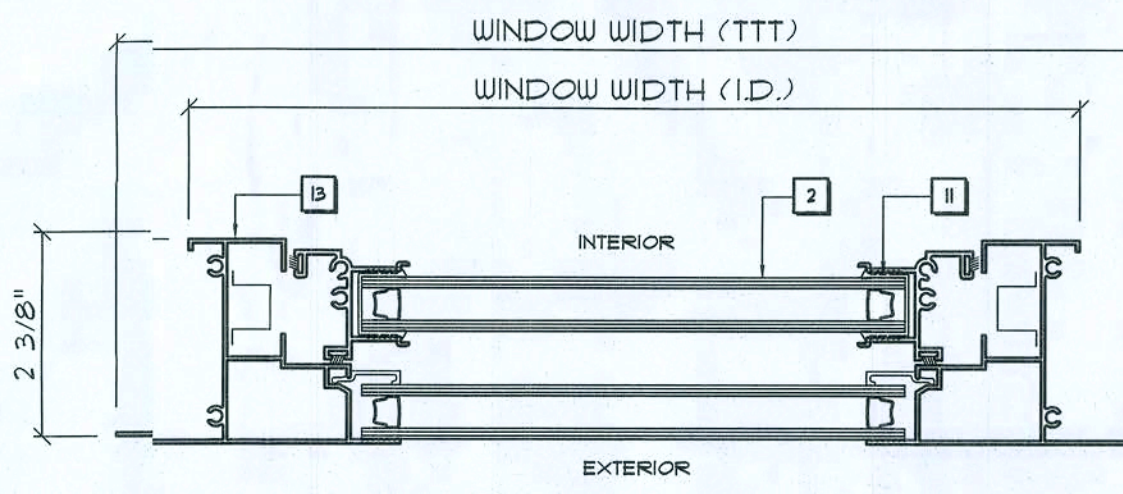


JAMB DETAILS MTL. SASH

2



VERTICAL SECTION - SINGLE HUNG WINDOW



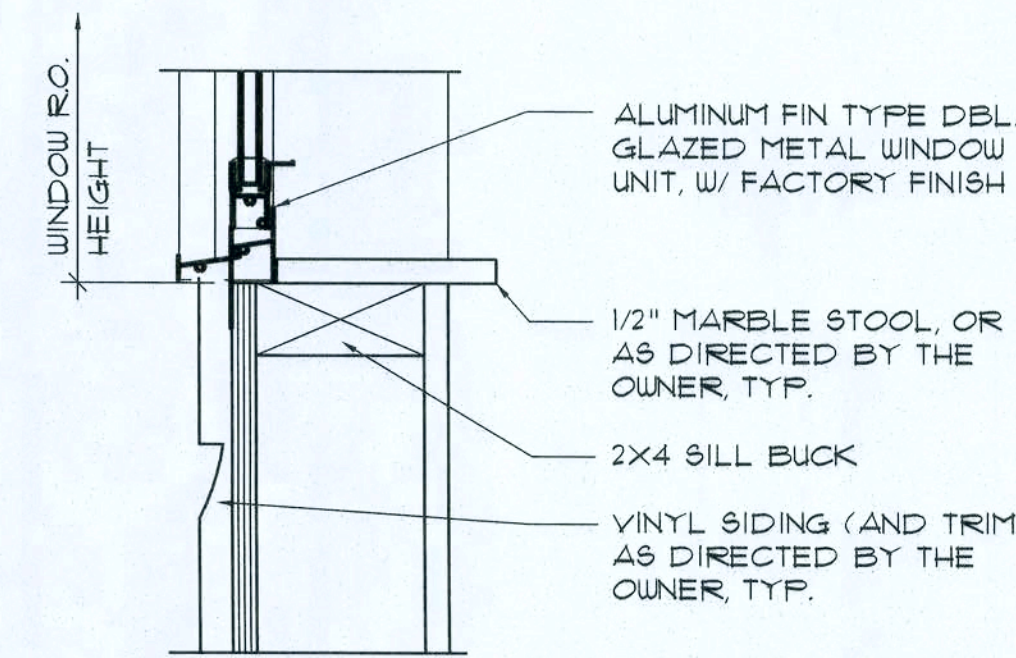
HORIZONTAL SECTION - SINGLE HUNG WINDOW

INSTALLATION	MODEL
1" ROOF'G. NAILS @ 6" FROM CORNERS, 18" O.C.	SERIES 450
5 - 1" ROOF'G. NAILS EA. FLANGE, MAX. 18" O.C.	SERIES 650

NOTE !!!
ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY T.H. HOTE PRODUCTS, INC. - OTHER MANUFACTURERS/PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS.
NOTE: VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.
N1 - COMPLETE WITH FAN LITE AS PER SERIES 450
N2 - TESTING AS PER ASTM E1300

Window Notes

- 1 FLANGED HEAD
- 2 INSULATED GLASS
- 3 GLAZING BEAD
- 4 LOCK
- 5 SASH TOP RAIL
- 6 SCREEN FRAME
- 7 FIBERGLASS MESH
- 8 BOTTOM SASH RAIL
- 9 PIVOT BAR
- 10 FLANGED SILL
- 11 MARINE GLAZING
- 12 FIXED MEETING RAIL
- 13 FLANGED JAMB



SILL DETAIL MTL. SASH

3

Typ. Window Sash DETAILS

SCALE: NONE

D

Typ. Window DET'S

SCALE: 3" = 1'-0"

E

REVISION
26 JAN 2017

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PRIVATE SMALL AIRCRAFT HANGER FOR:
BRAD ZOELLER
CANNON CREEK AIRPARK, COLUMBIA COUNTY, FLORIDA
ARCHITECTURAL DETAILS

Celebrating
44 Years of Service
1972 - 2016
N.P. GISLER ARCHITECT
ARCHITECT

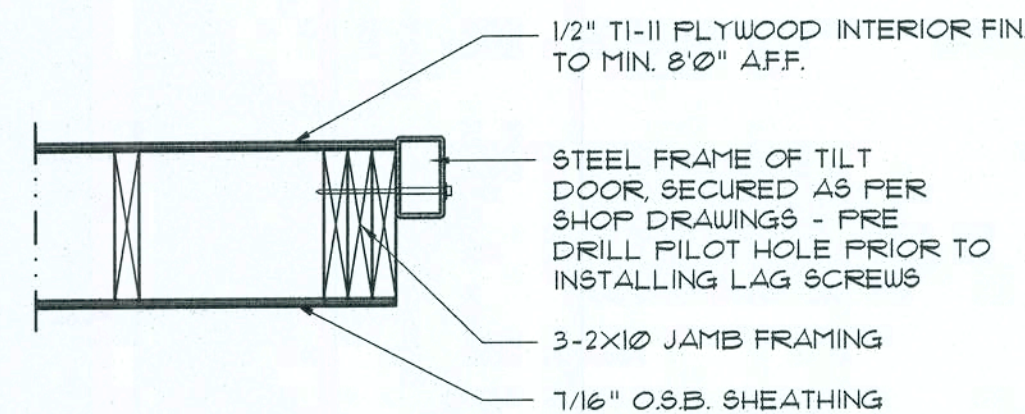
NICHOLAS PAUL GISLER
ARCHITECT
1756 NW Brown Rd.
Lake City, FL 32055
386-385-4555
N. GALEN, DESIGNER

DATE:
15 NOV 2016
CONTRACT:
2K1619

SHEET:
A.4
4 OF 4

31 Jan 2017
AR0017005

R007004



Jamb DETAIL

SCALE: 1" = 1'-0"

CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A105 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX FC = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX FC = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- N/A
- N/A
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

EXTERIOR WALL SHEATHING:
APPLY VERTICALLY, "WINDSTORM" 7/16" OSB 48" X 91", 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 RS. NAILS @ 8" O.C.

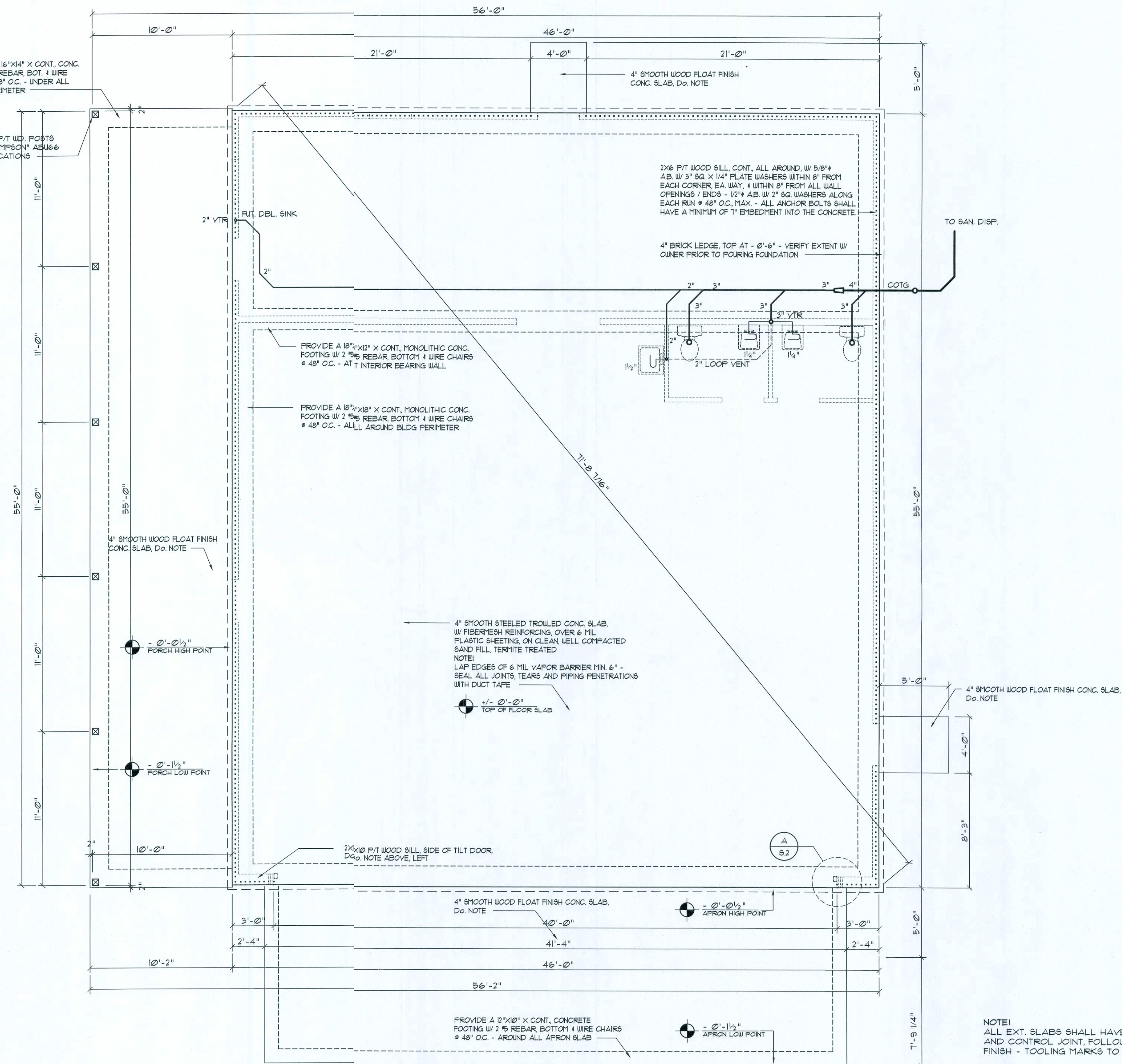
NOTE!
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

CONSTRUCTION NOTES

- FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALL OUTSIDE DIMENSIONS ARE TO FACE OF FOUNDATION.
- ALL NAILING CONSTRUCTION MATERIALS SHALL BE AS PER 2001 FBC - SEE 6.1
- N/A
- N/A
- CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER, ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS AND SHALL RECEIVE INSTRUCTIONS OR CLEARIFICATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.
- ROOF TRUSS FRAMING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE A DETAILED LAYOUT FOR TRUSS AND FRAMING MEMBERS.
- 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.
- N/A
- DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS ONLY.

PROVIDE A 16"x14" X CONT. CONC. FTG W/ 2 #5 REBAR BOT. 4 WIRE CHAIRS @ 48" O.C. - UNDER ALL PORCH PERIMETER

6X6 SYP P/T WD. POSTS ANC. W/ "SIMPSON" ABE66 TYP. 6 LOCATIONS



FOUNDATION PLAN

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

..... SHEAR WALL SEGMENTS, SEE 6.3 (ALL EXT. WALLS, LESS DOOR OPENINGS)

NOTE!
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2014 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

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

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

NOTE!
ALL EXT. SLABS SHALL HAVE TOOLED EDGES AND CONTROL JOINT, FOLLOWING WOOD FLOAT FINISH - TOOLING MARKS TO REMAIN

NOTE!
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING LOCATION CONDITIONS PER THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING LOCATIONS OR ANY POINT LOADS OF 40 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN. TAKING THESE LOADS INTO CONSIDERATION, THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF RENDERING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

REVISION
27 NOV 2016
09 JAN 2017
26 JAN 2017
31 JAN 2017

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DRAWN:

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PRIVATE SMALL AIRCRAFT HANGER FOR:
BRAD ZOELLER
CANNON CREEK AIRPARK, COLUMBIA COUNTY, FLORIDA
FOUNDATION PLAN

Celebrating
44 Years of Service
1972 - 2016
N.P. Geisler, Architect
AR00005

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
755 NW BROWNS
LAKE CIRCLE, SUITE 205
3366-366-4355

DATE:

15 NOV 2016

CONTR:

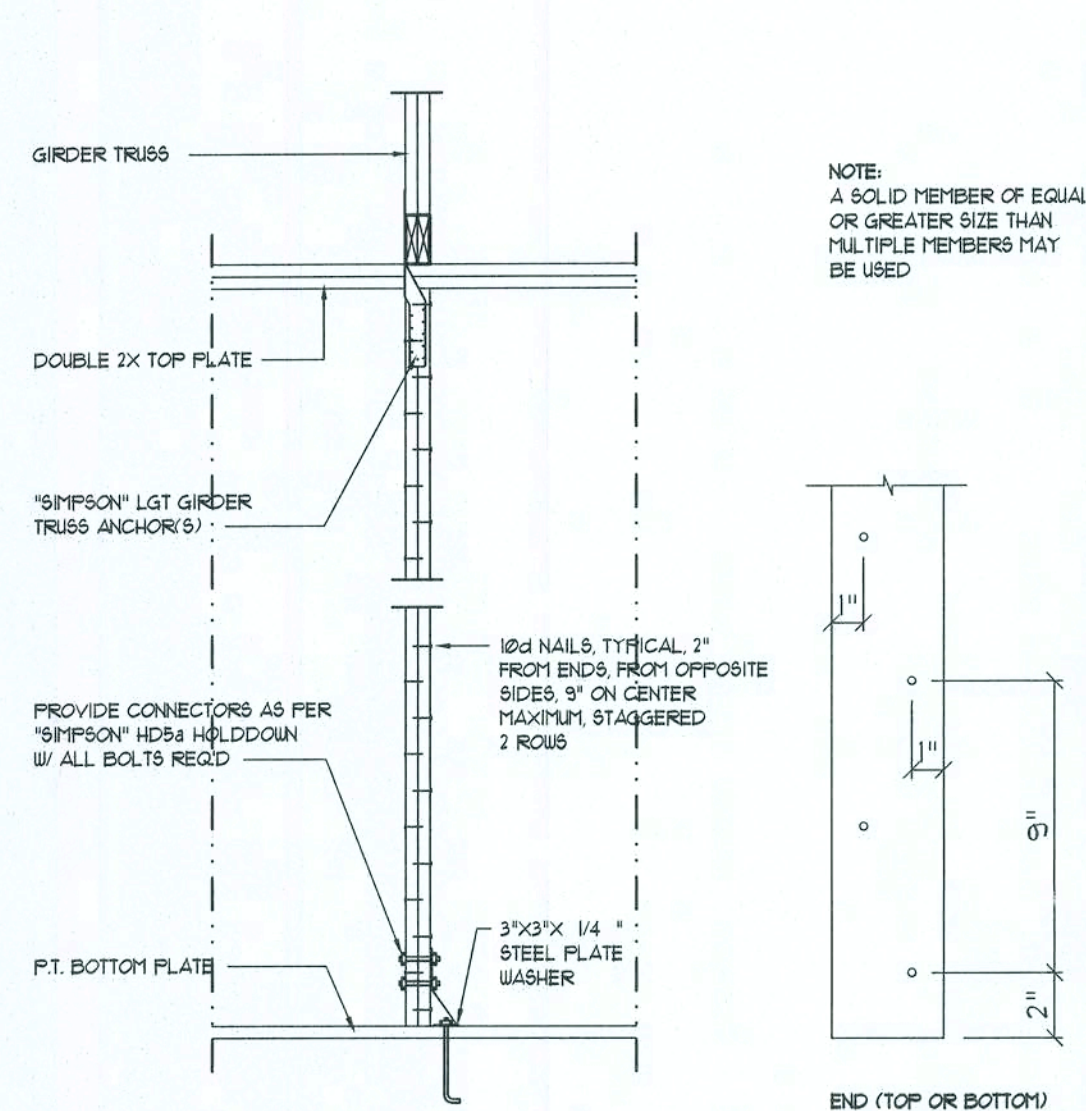
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6.2

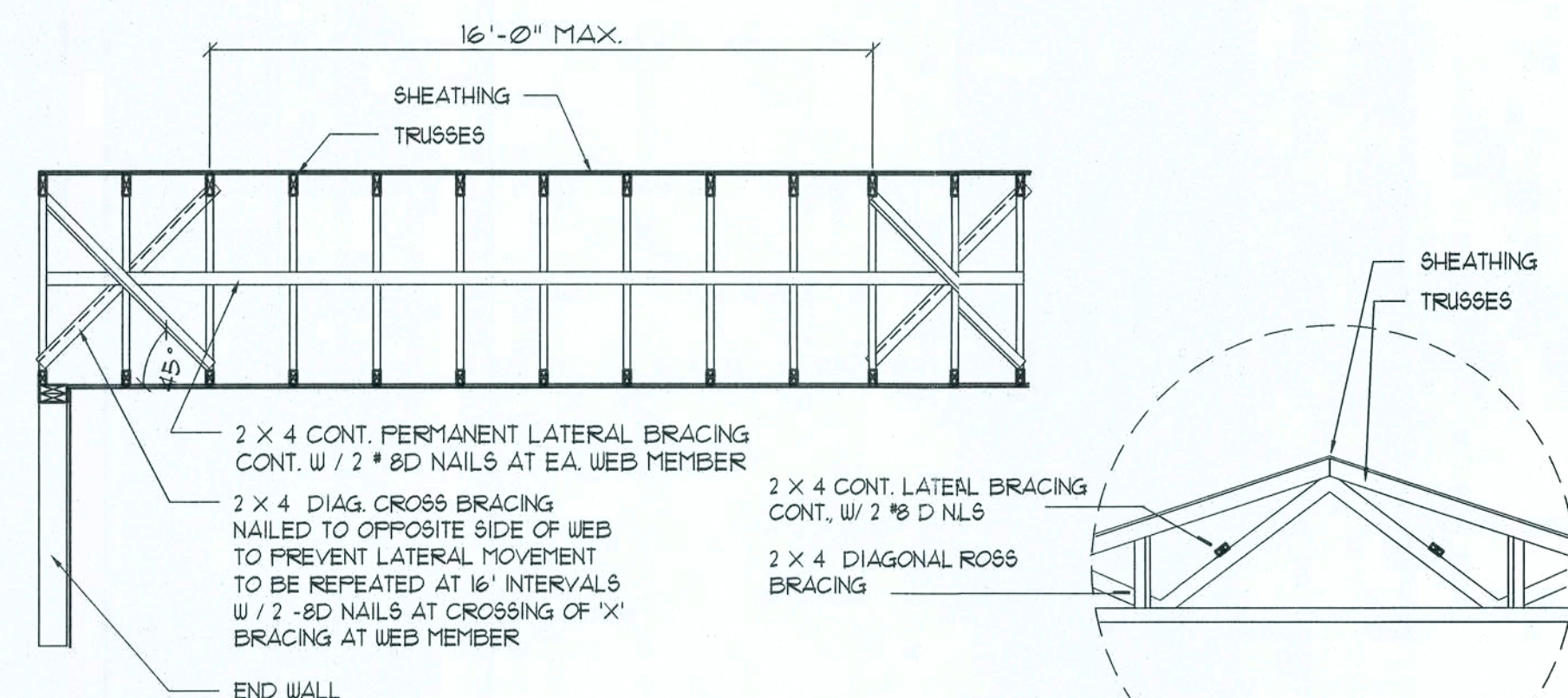
2 OF 4

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Girder Truss Column DET.

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



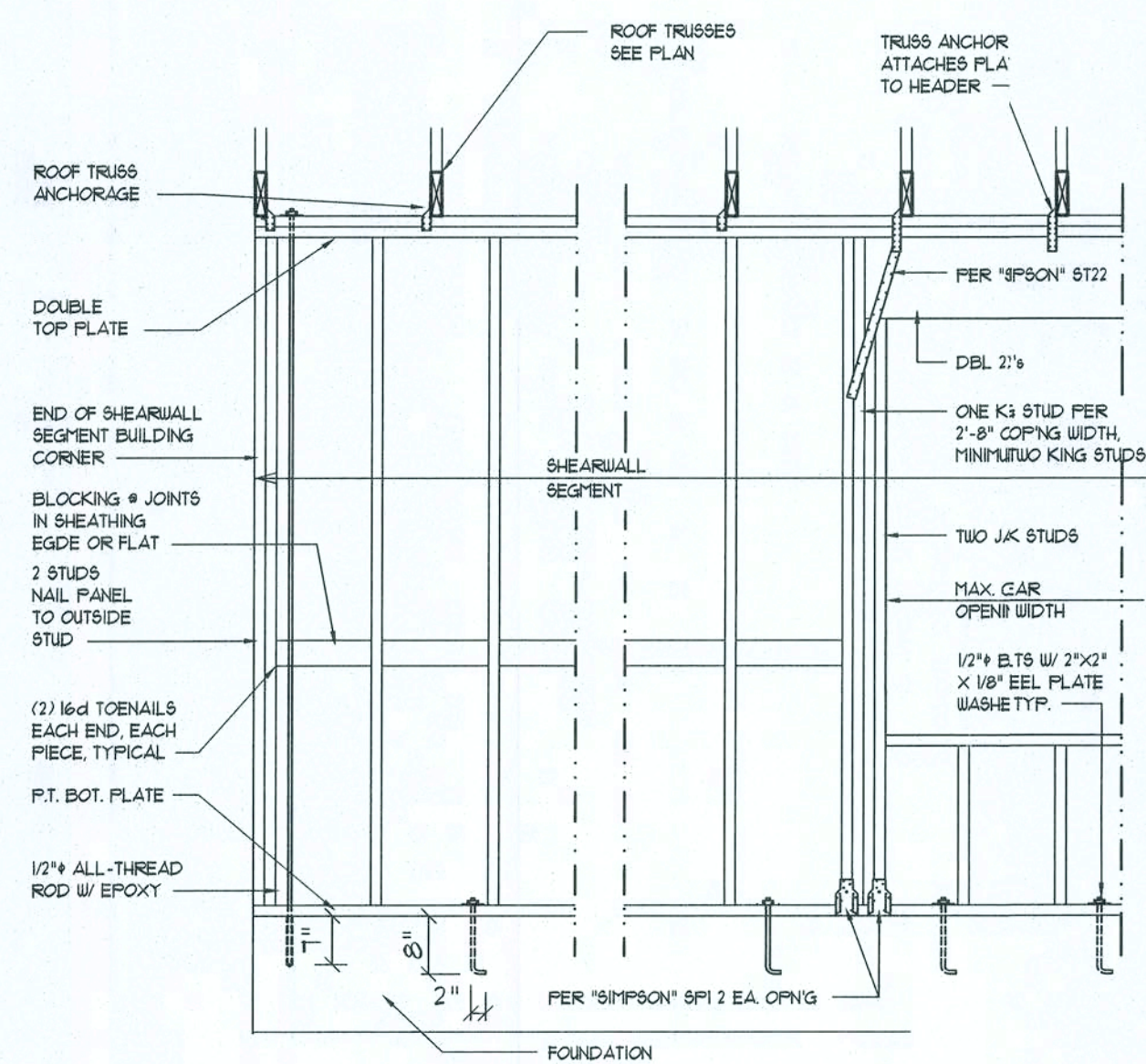
TYP. PERMANENT TRUSS BRACING DIA.

NTS

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

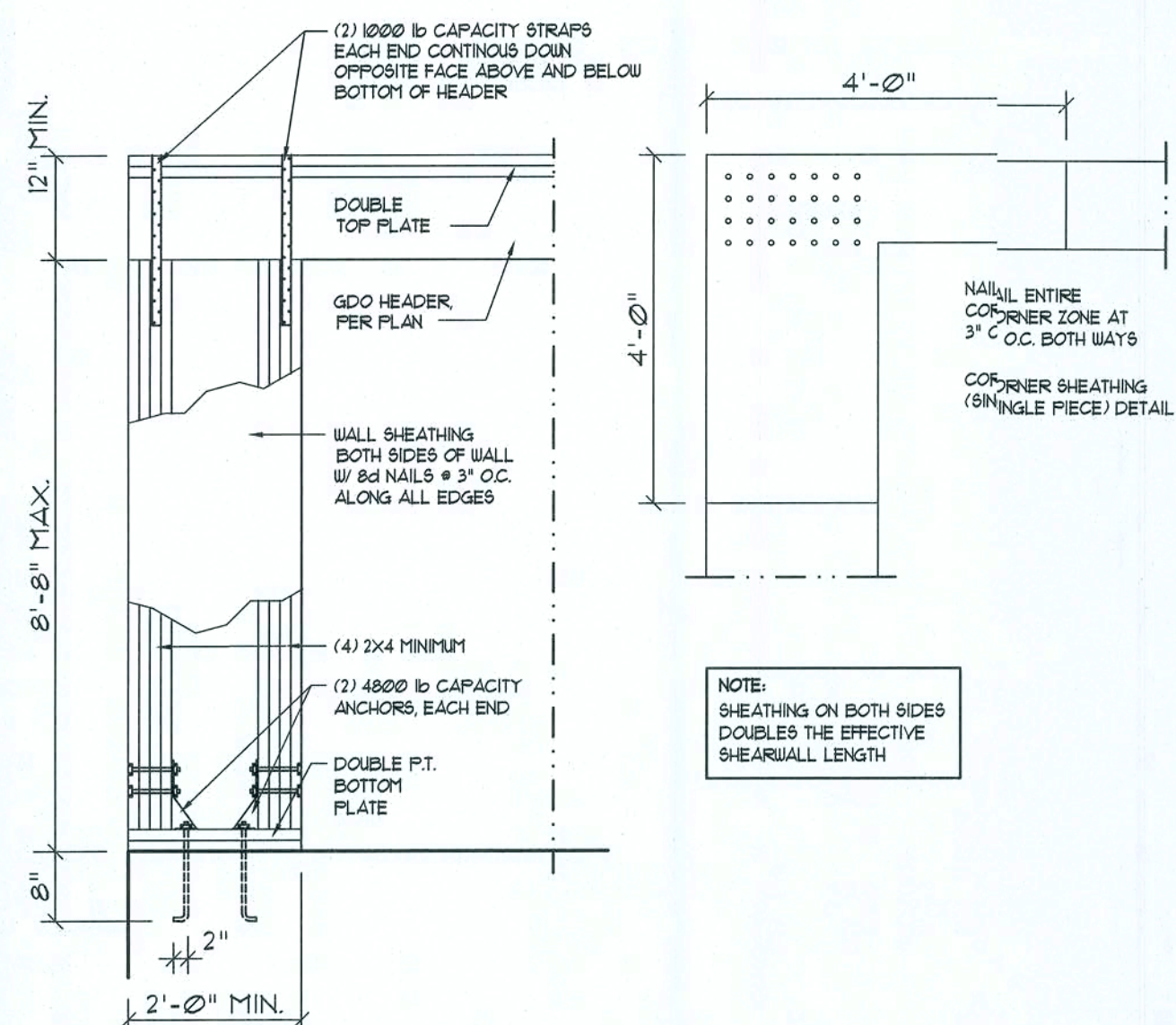
Truss Bracing DETAILS

SCALE: AS NOTED



Shear Wall DETAILS

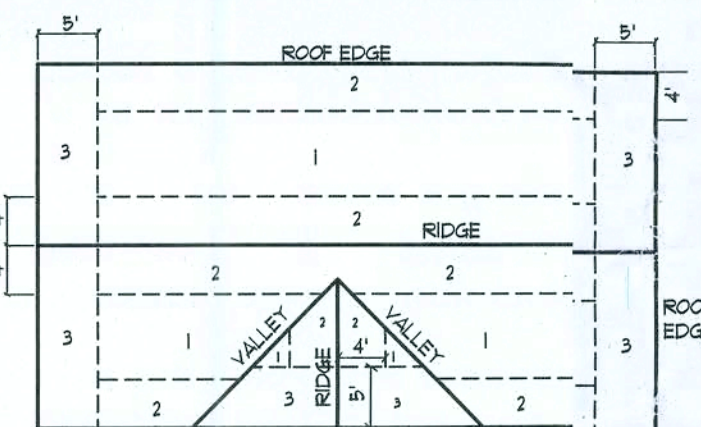
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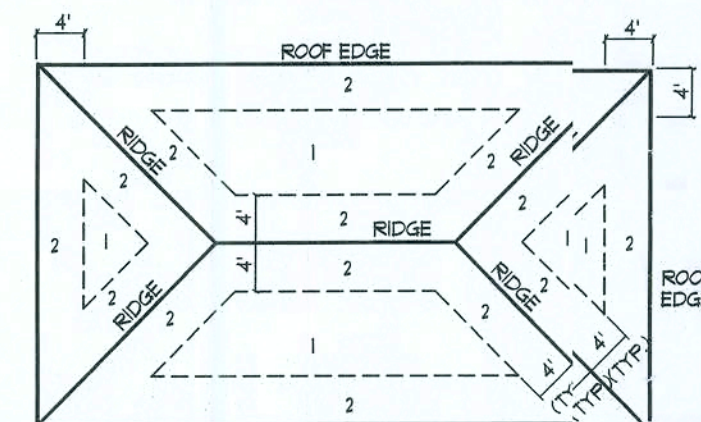
Garage End Wall DETAILS

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

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" O.S.B.	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6" H. O.C. EDGE 12" H. O.C. FIELD
2	1/2" O.S.B.	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6" H. O.C. EDGE 12" H. O.C. FIELD
3	1/2" O.S.B.	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6" H. O.C. EDGE 12" H. O.C. FIELD



ROOF SHEATHING NAILING ZONES (GABLE ROOF)

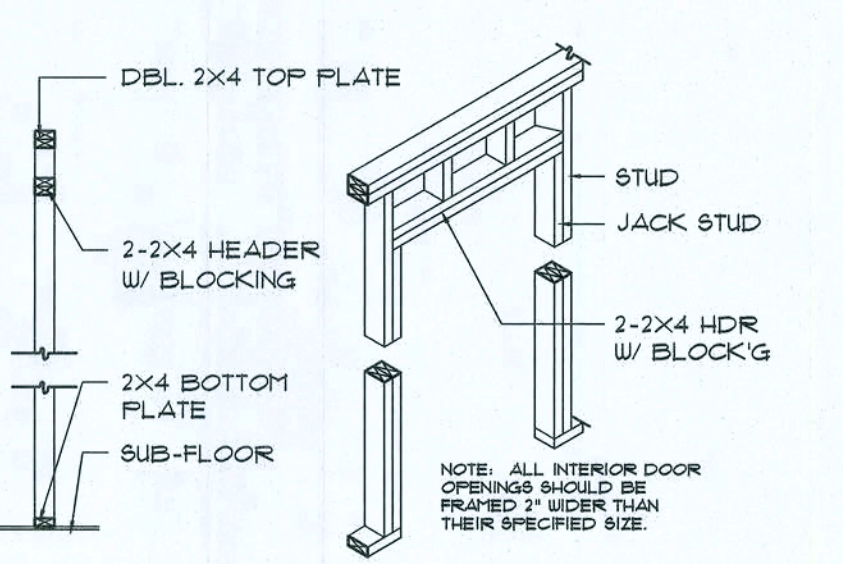
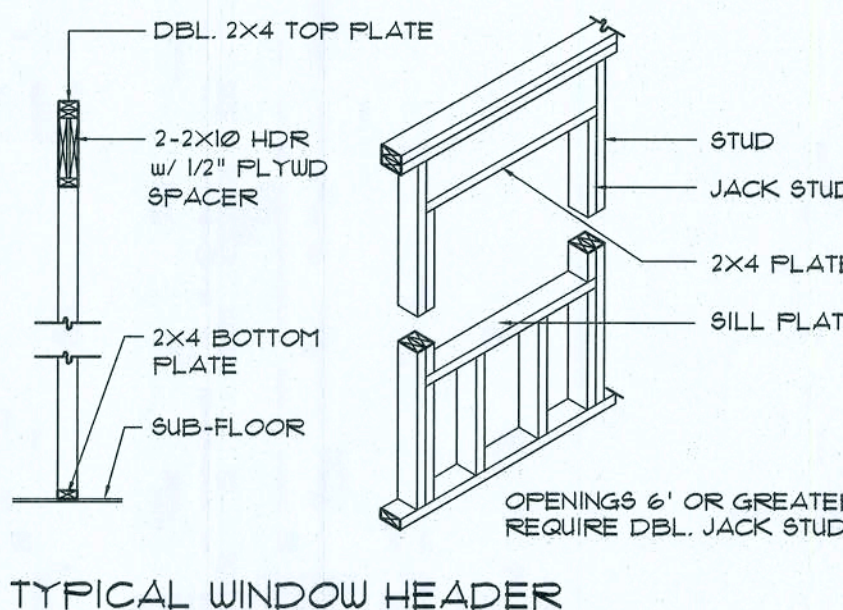
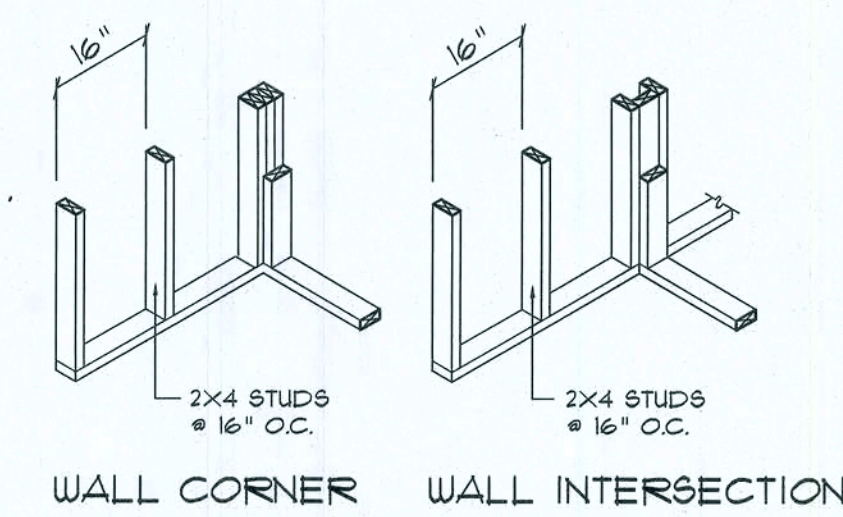


ROOF SHEATHING NAILING ZONES (HIP ROOF)

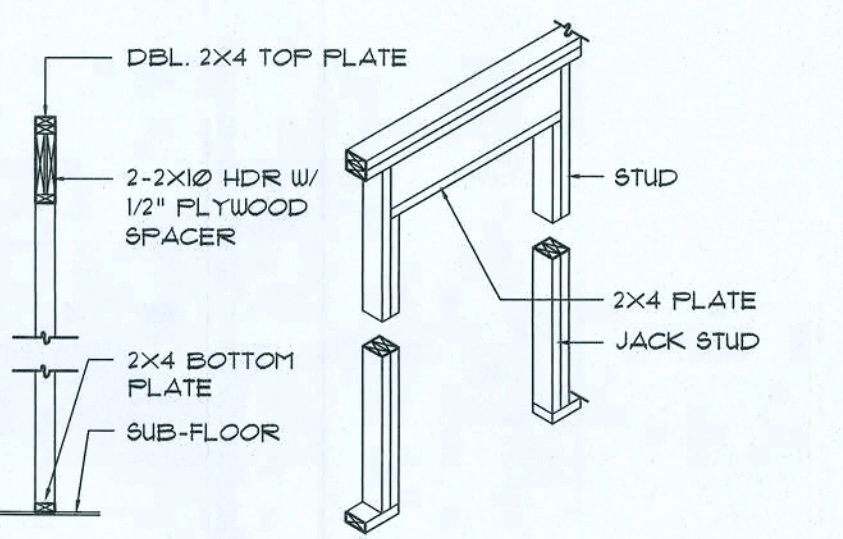
Roof Nail Pattern DET.

SCALE: NONE

HEADER SPANS FOR EXTERIOR BEARING WALLS							
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)					
		20'		28'		36'	
ROOF, CEILING	2-2x4	3'-6"	* JACKS	3'-2" <td>* JACKS</td> <td>2'-10"<td>* JACKS</td></td>	* JACKS	2'-10" <td>* JACKS</td>	* JACKS
	2-2x6	5'-5"		4'-8"		4'-2"	
	2-2x8	6'-10"		5'-11"	2	5'-4"	1
	2-2x10	8'-5"	2	7'-3"	2	6'-6"	2
	2-2x12	9'-9"	2	8'-5"	2	7'-6"	2
	3-2x8	8'-4"	1	7'-5"	1	6'-8"	1
	3-2x10	10'-6"	1	9'-1"	2	8'-2"	1
	3-2x12	12'-2"	2	10'-7"	2	9'-5"	2
	4-2x8	9'-2"	1	8'-4"	1	9'-2"	1
	4-2x10	11'-8"	1	10'-6"	1	9'-5"	1
	4-2x12	14'-1"	1	12'-2"	2	10'-11"	1



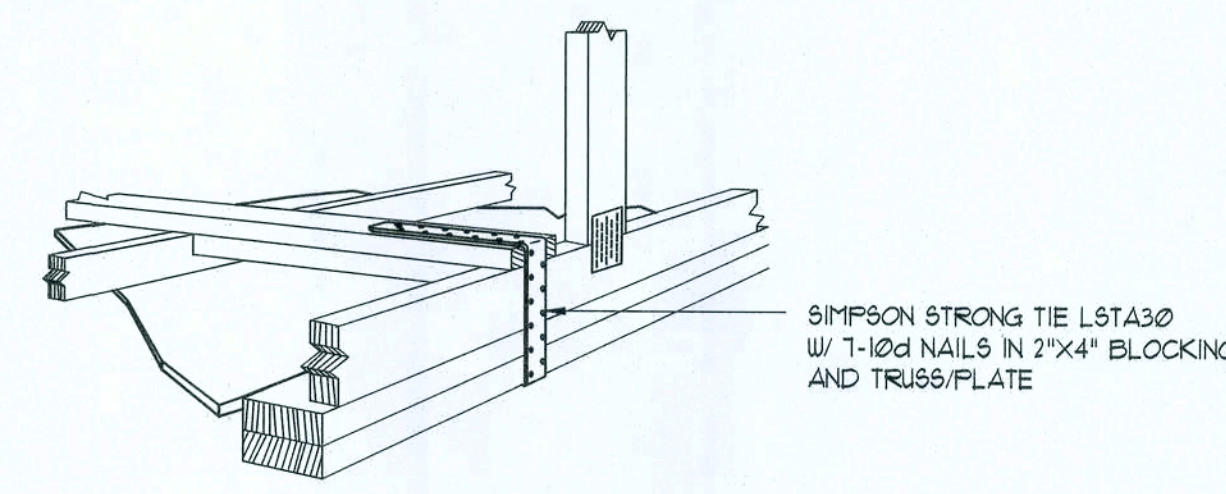
NON-BEARING WALL HEADER



BEARING WALL HEADER

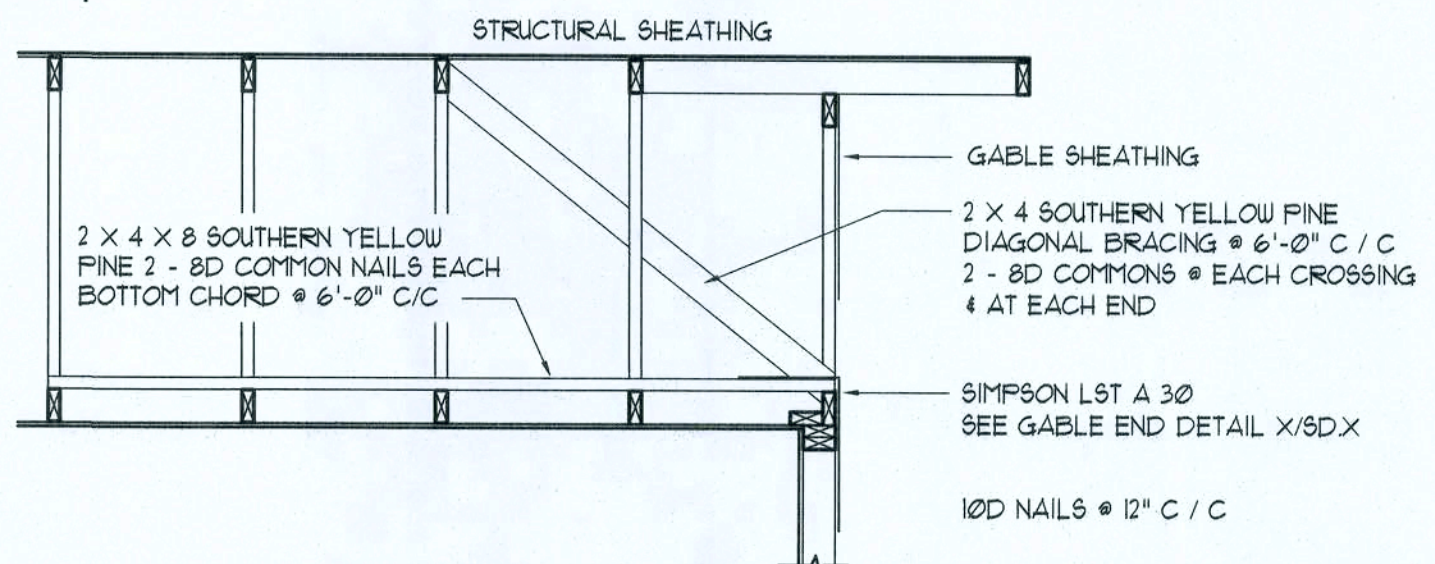
Wall Framing/ Header DET'S

SCALE: NONE



GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE



END WALL BRACING FOR CEILING DIAPHRAGM

NTS

(ALTERNATIVE TO BALLOON FRAMING)

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

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26 JAN 2017

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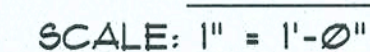
PRIVATE SMALL AIRCRAFT HANGER FOR:
BRAD ZOELLER
CANNON CREEK AIRPARK, COLUMBIA COUNTY, FLORIDA
STRUCTURAL DETAILS

Celebrating
44 Years of Service
1972 - 2016
N.P. Geslar, Architect
N.C. 00000000

NUTALL PAUL GESLAR ARCHITECT
1756 NW Brown Rd.
Lake City, FL 32055
(386) 688-1335

DATE:
15 NOV 2016
CONTRACT:
2K1619
SHEET:
S.3
3 of 4

31 Jan 2017
AR0007005

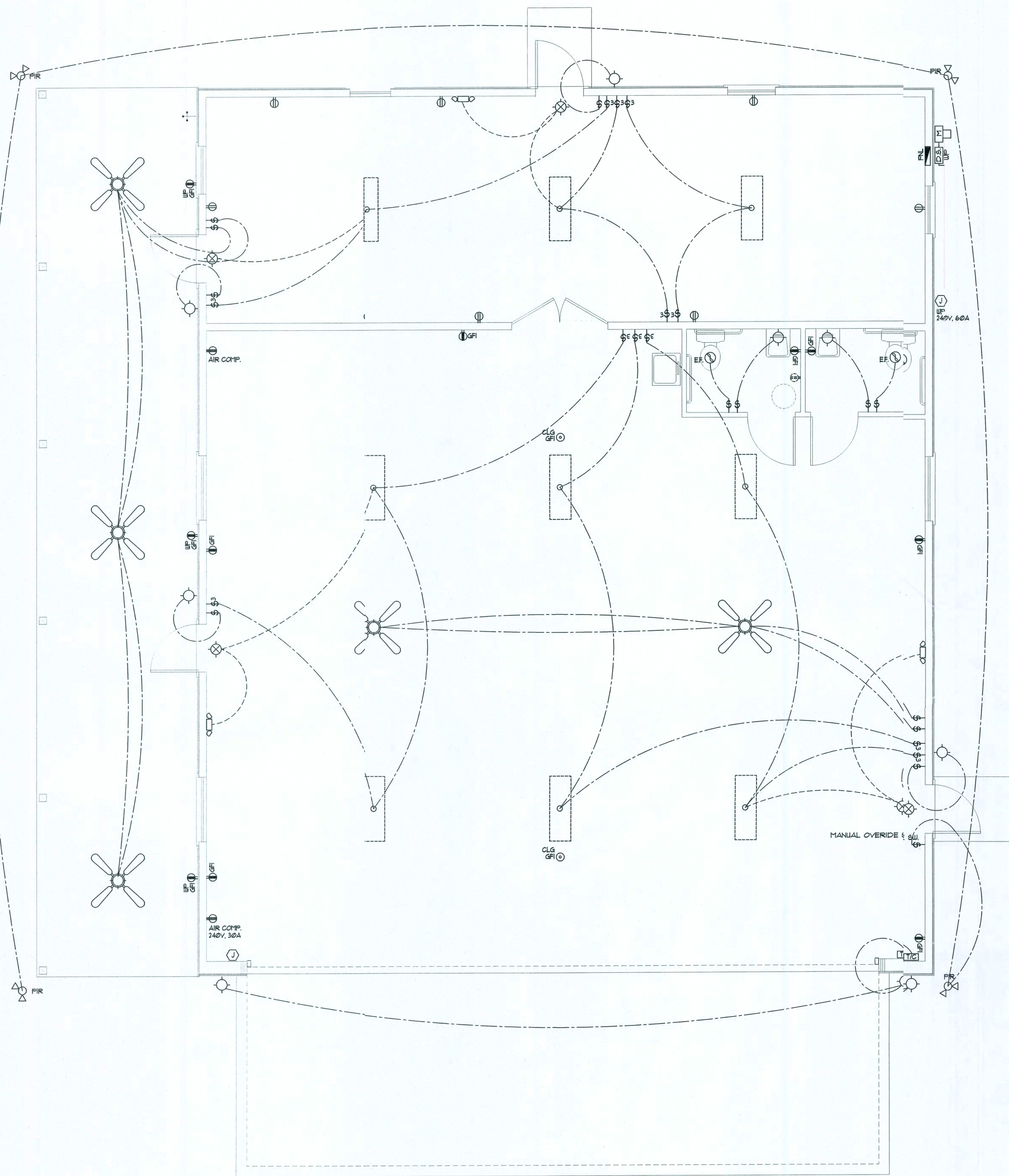


SCALE: NONE

NOT TO SCALE



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

PNL "A": 200A - MLO - 120/240V - 1P - 4W 10K A.I.C. - FLUSH - 40 SLOT											
CIR Nr.	LOCATION	TRIP/ POLES	WIRE SIZE	LOAD	L1 KW	L2 KW	LOAD	WIRE SIZE	TRIP/ POLES	LOCATION	CIR Nr.
1	FLU LTG, STOR RM.	20A/1P	12TW	0.48	0.34		0.36	12TW	20A/1P	RESTROOMS	2
3	FLU LTG, HANGER	"	"	0.36		1.86	0.30	"	"	GF RECEPT	4
5	PIR FLOOD LTG	"	"	0.60	1.68		1.08	"	"	SPARE	6
7	HANGER CLG FANS	"	"	0.72		1.80	1.08	"	"	SPARE	8
9	PORCH CLG FANS	"	"	1.08	1.98		0.30	12TW	20A/1P	HANGER GFI RECEPT.	10
11	DOOR LTG	"	"	0.36		1.80	1.44	10TW	30A/2P	240V RECEPT	12
13	GEILING RECEPT.	"	"	0.36	1.80		1.44	"	"	W/CIR. Nr.12	14
15	SPARE	-	-	1.08		2.52	1.44	"	30A/2P	240V RECEPT	16
17	"	-	-	1.08	2.52		1.44	"	"	W/CIR. Nr.16	18
19	"	-	-	1.08		2.16	1.08	-	-	SPARE	20
21	"	-	-	1.08	2.16		1.08	-	-	"	22
23	EUH	30A/2P	10TW	2.25		3.69	1.44	10TW	30A/2P	POWER LIFT DOOR	24
25	W/CIR. Nr. 23	"	"	2.25	3.69		1.44	"	"	W/CIR. Nr.24	26
27	SPARE	-	-	1.08		2.16	1.08	-	-	SPARE	28
29	"	-	-	1.08	2.16		1.08	-	-	"	30
31	"	-	-	1.08		2.16	1.08	-	-	"	32
33	"	-	-	1.08	2.16		1.08	-	-	"	34
35	"	-	-	1.08		2.16	1.08	-	-	"	36
37	"	-	-	1.08	2.16		1.08	12TW	20A/2P	WELL PUMP	38
39	"	-	-	1.08		2.16	1.08	"	-	W/ CIR. Nr.38	40
L1 21.15 KW / 120 V = 176.25 AMPERS					21.15		22.41				
L2 22.41 KW / 120 V = 187.25 AMPERS											
FEEDER SIZE: 3 * 3/0 - THW - Cu, 1 * 1/0 - THW - Cu - Neut. 1 * 4 - Cu - GND, 2 1/2" C.											

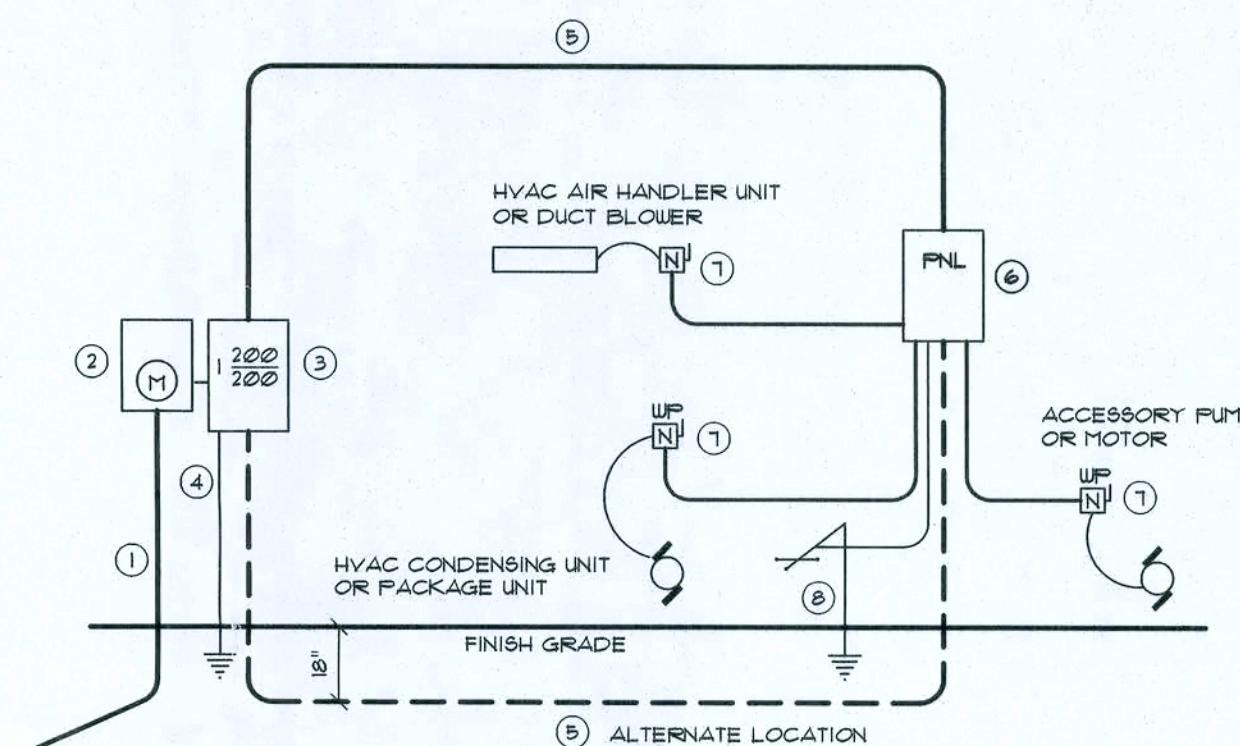
Electrical SYMBOLS

POWER

- Ⓢ DUPLEX WALL RECEPTACLE
- Ⓢ DUPLEX WALL RECEPT, BELOW COUNTER
- Ⓢ 240V OUTLET
- Ⓢ GFI GND FAULT INTERRUPTER DUPLEX RECEPT.
- Ⓢ WFI WEATHER PROOF GFI DUPLEX RECEPT.
- Ⓢ DUPLEX CEILING GFI RECEPTACLE
- Ⓢ JUNCTION BOX
- Ⓢ MOTOR (SP - SUBMERSIBLE PUMP)
- Ⓢ ELECTRICAL PANEL
- Ⓢ ELECTRICAL PANEL
- Ⓢ EXHAUST FAN
- Ⓢ SMOKE DETECTOR, 120V
- Ⓢ 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 VOLTAGE
- Ⓢ TIME CLOCK



- Service/Feeder Entrance Conductors: 2 1/2" rigid conduit, min. 18" deep, w/ continuous Ground Bonding Conductor. Service/Entrance Conductors shall not be applied except that bolted connections at the Meter, Disconnecting Devices and Panel shall be allowed.
- Panel Enclosure, weatherproof, UL Listed.
- Main Disconnect Switch: fused or Main BRKR, weatherproof, UL Listed.
- Service entrance Ground: 1/2" x 1/2" iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 2'-0" long. Grounding Conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item 5, below.
- 200 AMPERE SERVICE: 2 * 3/0-USE-Cu, 1 * 0-USE-Cu - NEUT, 1 * 4-Cu-GND, 2 1/2" Conduit.
- House Panel (PNL), UL Listed, sized per schedule.
- Equipment Disconnect Switch: non-fused, in weatherproof enclosure, size according to Panel Schedule loads.
- Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

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

ELECTRICAL RISER DIAGRAM: 200A

SCALE: NONE

ELECTRICAL PLAN 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 RESTRYS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI).
- ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (WPGFI).
- ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DUGS 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 N., 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 1 COPY OF AS-BUILT DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

REVISION:
27 NOV 2016
05 JAN 2017
26 JAN 2017
32 JAN 2017
31 JAN 2017

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PRIVATE SMALL AIRCRAFT HANGER FOR:
BRAD ZOELLER
CANNON CREEK AIRPARK, COLUMBIA COUNTY, FLORIDA
ELECTRICAL PLAN

Calculating
44 Years of Service
1972 - 2016
N.P. Zoeller, Architect
Address

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1755 NW Brown Rd.
Lake City, FL 32055
386-365-4355

DATE:
15 NOV 2016
COMM#
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E.1
OF 1

AR0007005

"AS-BUILT" FIELD NOTES

GENERAL NOTES:

1. 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 WARRANT 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 WORKMANSHIP 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 PURPOSE 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 VARIOUS 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 OF 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.

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 CABLES 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 COMPLIANCE WITH UL Design U301. BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.

INTERIOR STUD WALLS SEPARATING LIVING AREA FROM SHOP AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH UL Design U301, INCLUDING R-11 BATT INSULATION.
12. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GUSP ON 1X3 WOOD FURRING AT 16" O.C. ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.

AS - BUILT DRAWING REQUIREMENTS:

- A. ELECTRICAL "AS-BUILT" DRAWINGS:
ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DUGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDING TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N., 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 1 COPY OF AS-BUILT DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.
- B. H.V.A.C. "AS-BUILT" DRAWINGS
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 - CONTR SHALL PROVIDE 1 COPY OF AS-BLT. DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.
- C. PLUMBING "AS-BUILT" DRAWINGS
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

PROJECT INFORMATION / NOTES:

DESIGN CODES

BUILDING CODE: 2014 FLORIDA BUILDING CODE, 5th EDITION

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - LATEST
LIFE SAFETY: NFPA-101 - LATEST

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING 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 VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRICATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS 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 RESULTING 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 INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 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 EXCAVATION & 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 DIAGRAMATIC. 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 OWNER'S 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 30"-12" ABOVE GRADE WITH NEOPRENE GASKETS AND STAINLESS STEEL BANDS & BELL & SPIGOT CAST IRON BELOW GRADE W/ LEAD & OAKUM JOINTS OR AT THE OWNER'S 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 NEAREST 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 ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNER.
2. INSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC 1991 EDITION, AND ITS 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 OPENINGS OF NEUTRAL IN REPLACEMENT OF A DEVICE.
6. COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL - WHITE, GROUND - GREEN, LINE - ALL OTHER COLORS.
7. INSTALL ONLY HIGH POWER FACTOR BALLASTS AT FLUORESCENT FIXTURES.
8. INSTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, RESTROOM, SERVING AREA, LAUNDRY, SHOP AND EXTERIOR RECEPTACLES 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.F. 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, COORDINATE 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 100-12F.
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 (CL) RATED 100,000 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, FULL BOXES SHALL BE INSTALLED SO THAT NO FULL 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.

REVISION:
27 NOV 2016
26 JAN 2017

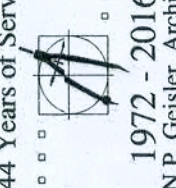
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PRIVATE SMALL AIRCRAFT HANGER FOR:
BRAD ZOELLER
CANNON CREEK AIRPARK, COLUMBIA COUNTY, FLORIDA

GENERAL NOTES

Celebrating
44 Years of Service

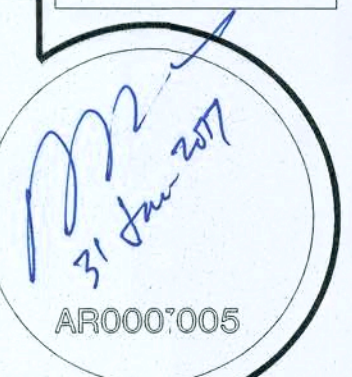

1972 - 2016
N.P. Geisler, Architect
AIA 2000000


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P. GEISLER
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