



A New Meetinghouse for:
WINFIELD
CHURCH OF CHRIST
 Bro. Nathan Carter, Minister
 Winfield, Columbia County, Florida

A NEW MEETINGHOUSE FOR:
CHURCH OF CHRIST
 WINFIELD, COLUMBIA COUNTY, FLORIDA
 COVER SHEET / DRAWING INDEX

7.10.1.1*
 Exit Signs Needed
 At Exit doors other
 than doors that are
 obviously identifiable
 Jack

NS
 NICHOLAS
 PAUL
 GESLER
 ARCHITECT
 N.C.A.R.C. Certified
 Suite 17, Box 1038
 Lake City, FL 32056
 386/755-9021

DATE:
14 JULY 2004
 COMM:
2K40T

SHEET:
CS.1
1 of 1

[Signature]
 13/6/06
 AR0007005

APPROVED
 (Subject to Revisions)
 Inspection Department
 Lake City Fire Dept
 State Fire Inspector
 License # 112877
 By Jack E. Thomas Date: 12/6/06

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REVISION:

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N.P. Gesler, Architect

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A NEW MEETINGHOUSE for:
CHURCH OF CHRIST
WINFIELD, COLUMBIA COUNTY, FLORIDA
SITE PLAN

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Route 17, Box 1038
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14 JULY 2004

COMM:

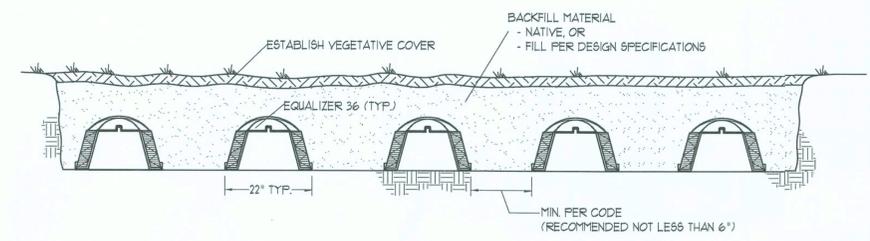
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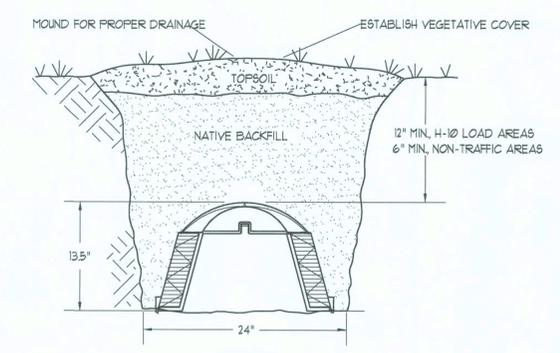
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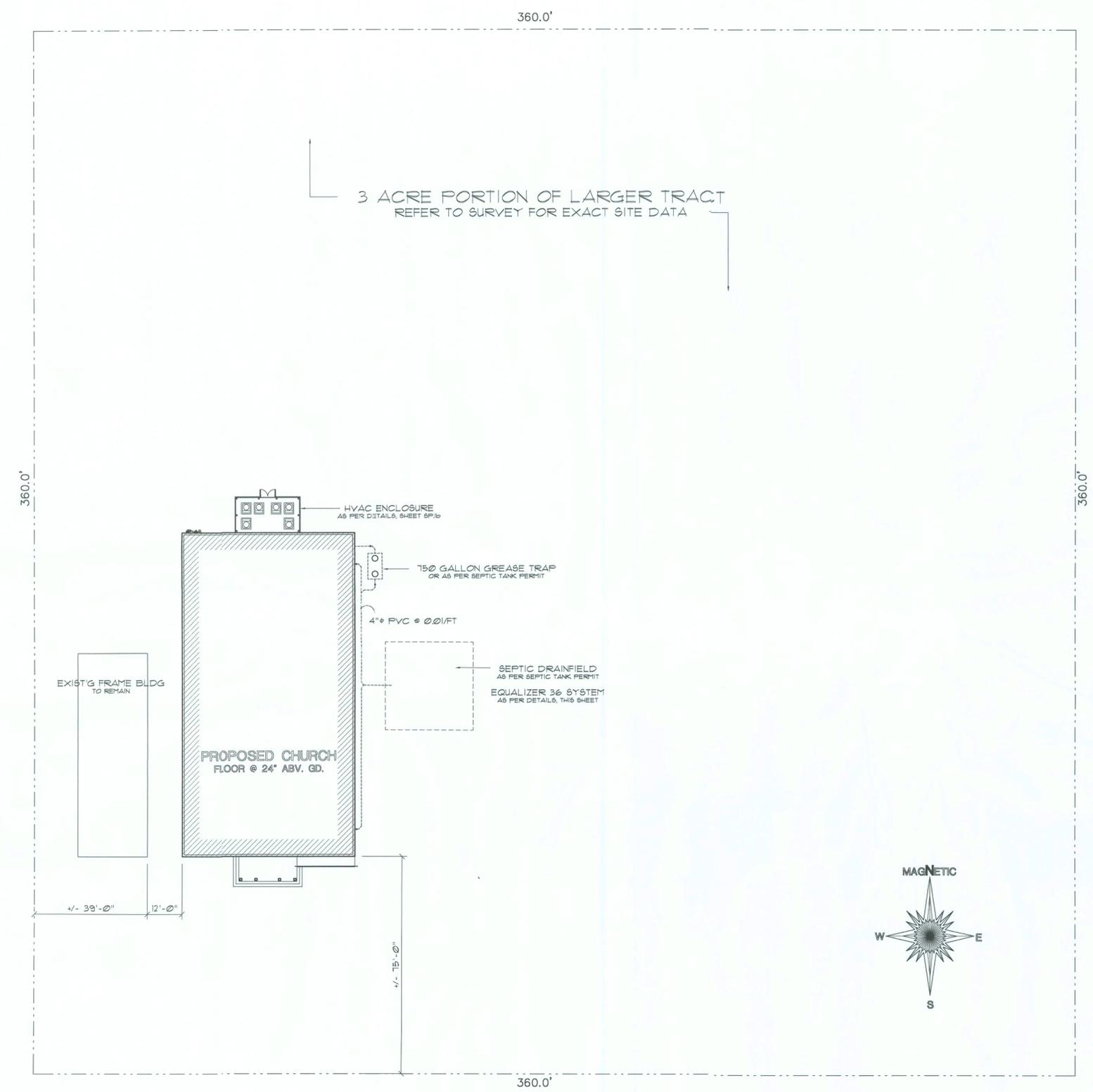


INFILTRATOR EQUALIZER 36 BED
NOT TO SCALE

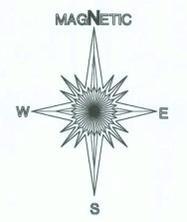


EQUALIZER 36 TRENCH DETAIL
NOT TO SCALE

Infiltrator Drainfield DETAIL
SCALE: AS NOTED

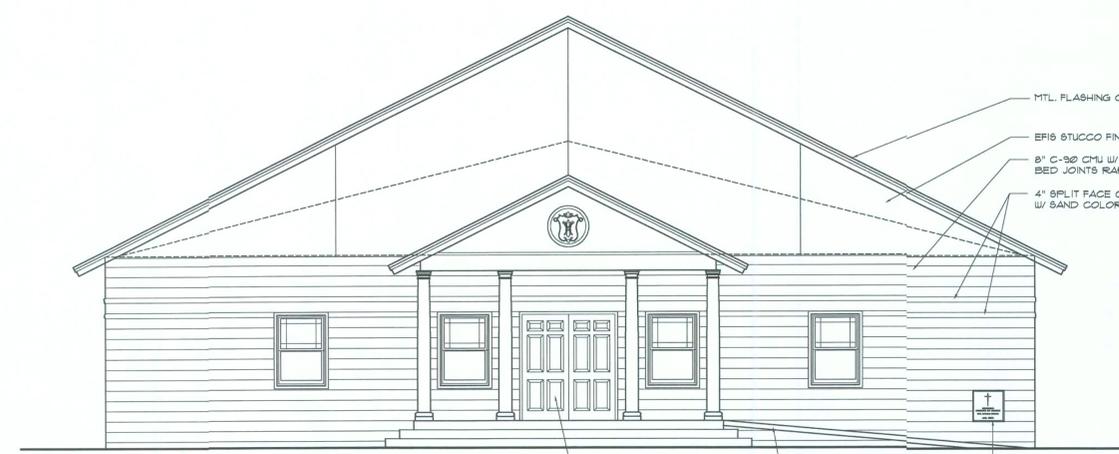


3 ACRE PORTION OF LARGER TRACT
REFER TO SURVEY FOR EXACT SITE DATA

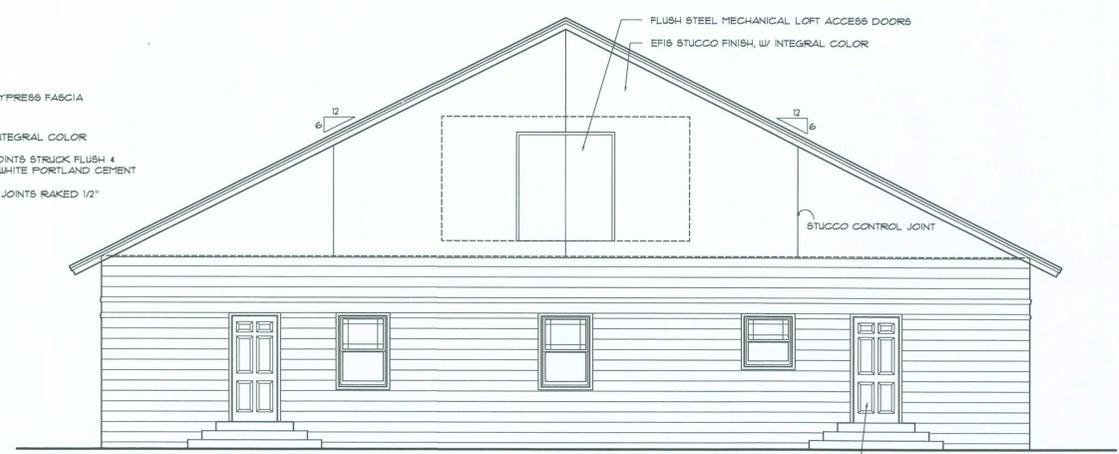


☐ QUEEN ROAD (WINFIELD ROAD)

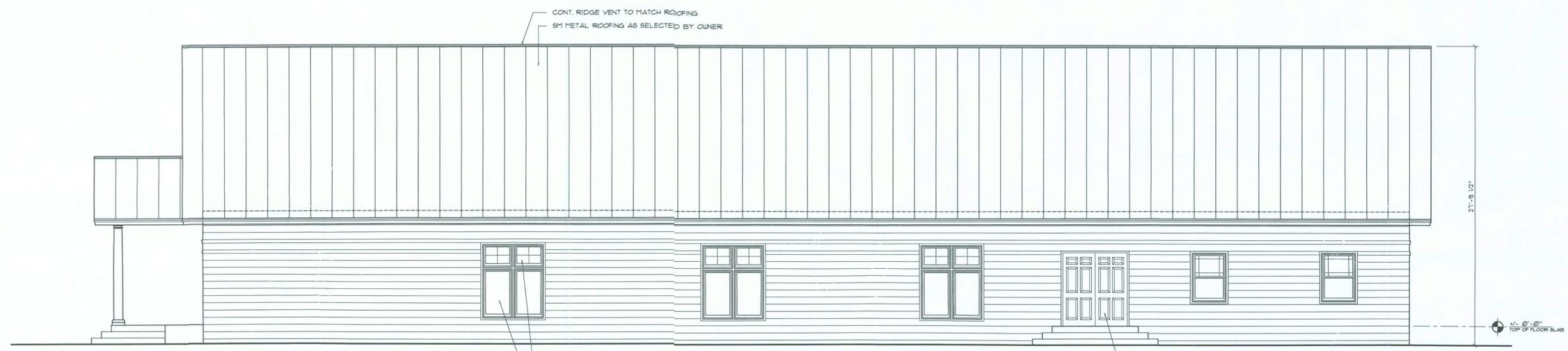
Site Layout PLAN
SCALE: 1" = 20.0'



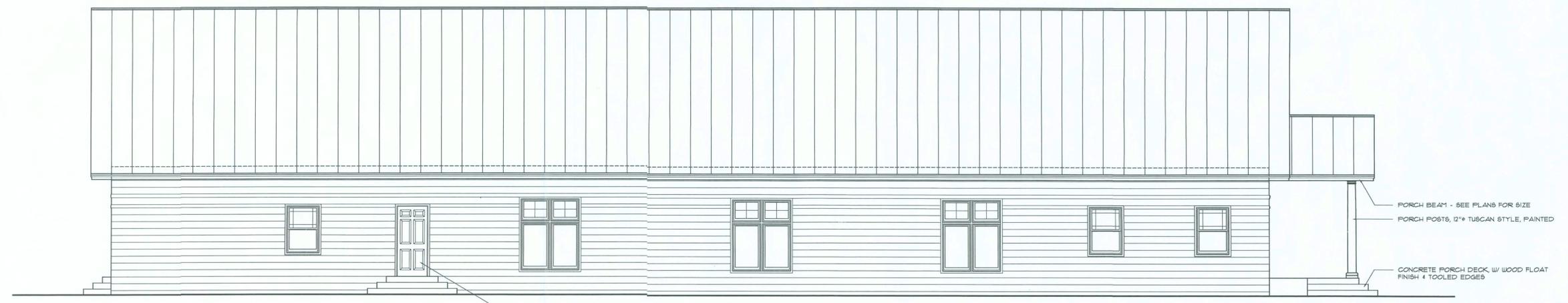
South ELEVATION
SCALE: 3/16" = 1'-0"



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



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



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

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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/ Fiberglass Concrete Additive
 Foundation: Continuous Footer/Slab Wall

ROOF DECKING

Material: 1/2" CD Plywood or 1/16" O.S.B.
 Sheet Size: 48"x36" Sheets Perpendicular to Roof Framing
 Fasteners: 8d Common Nails per schedule on sheet. A10

SHEARWALLS

Material: 1/2" CD Plywood or 1/16" O.S.B.
 Sheet Size: 48"x36" Sheets Placed Vertical
 Fasteners: 8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior
 Drags: Double Top Plate (5.Y.P.) w/ 6d Nails @ 12" O.C.
 Wall Studs: 2x4 Hem Fr Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: 8EMCO HDPT2 @ Ea. Truss End (Top, U.O.N.)
 Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.
 Anchor Bolts: 1/2" ASPT Bolts @ 48" O.C. - 1st Bolt 6" from corner
 Corner Hold-down Device: (1) HD5a @ each corner
 Porch Column Base Connector: Simpson ABU66 @ each column
 Porch Column to Beam Connector: Simpson EPC66 @ each column

FOOTINGS AND FOUNDATIONS

Footings: 24"x12" Cont. W-3-5 Btrs Cont. 4 1-19 Rebar Verses @ 48" O.C.
 Stemwall: 8" CMU, W-1-5 Vertical Dowel @ 48" O.C.

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 603, FLORIDA BUILDING CODE, 2004 EDITION.

BASIC WIND SPEED:	110 MPH
WIND IMPORTANCE FACTOR (I):	1 + 100
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	4- 0.18
MUFRS PER TABLE 16.09.2A (FBC 2004) DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: + 26.6 PSF EAVES: - 32.3 PSF
COMPONENTS & CLADDING PER TABLES 16.09.2B & 16.09.2C (FBC 2004) DESIGN WIND PRESSURES:	OPNGS: + 21.8 / - 23.1 PSF EAVES: + 68.3 PSF ROOF: + 19.3 / - 25.5 PSF

ADA NOTES: ACCESSIBILITY

RESTROOM NOTES

WATERCLOSETS: SHALL COMPLY WITH SEC. 4.16 OF ADA
 HEIGHT OF SEAT SHALL BE IN ACCORDANCE WITH SEC. 4.16.3 OF ADA
 FLUSH CONTROLS SHALL BE IN ACCORDANCE WITH SEC. 4.16.5 OF ADA

GRAB BARS: SHALL COMPLY WITH SEC. 4.16.4 OF ADA

DISPENSERS: SHALL COMPLY WITH SEC. 4.16.6 OF ADA

LAVATORIES, SINKS & MIRRORS, SHALL COMPLY W/ SECTION 4.19 OF ADA
 HEIGHTS SHALL COMPLY WITH SEC. 4.19.2 OF ADA
 EXPOSED PIPES & SURFACES SHALL COMPLY W/ SECTION 4.19.4 OF ADA
 FAUCETS SHALL COMPLY WITH SEC. 4.19.5 OF ADA
 MIRRORS SHALL COMPLY WITH SEC. 4.19.6 OF ADA

OWNER SELECTED MATERIAL AND INSTALLATION OF FINISH FLOORING MATERIALS TO COMPLY WITH THE FOLLOWING:

- SEC. 4.5 OF ADA
- SEC. 4.3 OF ADA
- APPLICABLE SECTIONS OF NFPA FIRE CODES
- APPLICABLE SECTIONS OF NFPA 101-LATEST LIFE SAFETY CODE

FIXTURES, DEVICES AND RELATED HARDWARE NOT SPECIFICALLY DEFINED OR MENTIONED ELSEWHERE ARE TO BE OWNER SELECTED AND INSTALLED TO COMPLY WITH THE ABOVE APPLICABLE ADA SECTIONS.

BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1003.1, FLORIDA BUILDING CODE, 2004 ED.

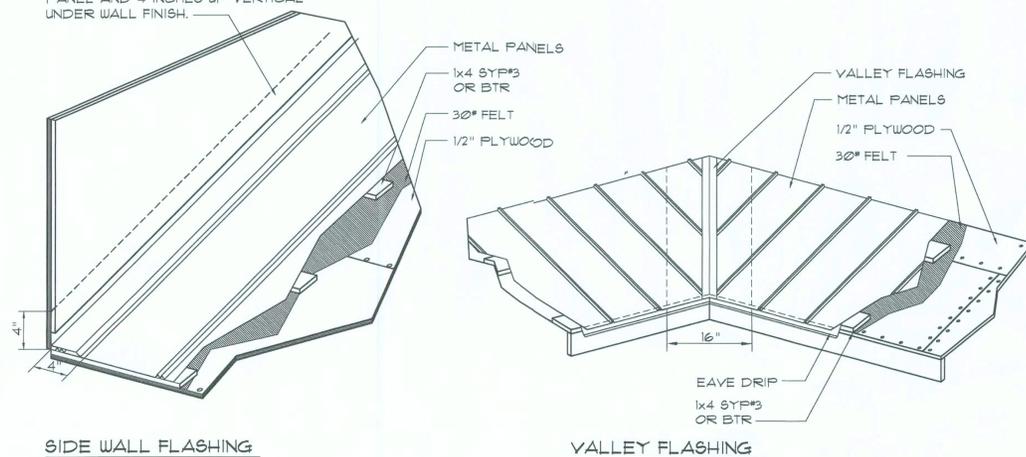
BUILDING GROUP OCCUPANCY	GROUP A-2
TABLE 503 TYPE OF CONSTRUCTION	TYPE V - UNFRO.
TABLE 503 AREA/HEIGHT LIMITATIONS	8.0 KSF/2 STORY
OCCUPANCY	
PEWS: LF / IS = Nr. OF SEATS 678 LF / IS = 452 SEATS	476 OCCUPANTS
ROSTRUM & H/C SEATING: 22 SEATS + 2 SPACES = 24 SEATS	

**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 BASED ON ASCE 7-98, EXPOSURE "C."

ROOF ZONE	FASTENER TYPE	FASTENER SIZE	PLACEMENT TO	100 - 110		120 - 130		140 - 150	
				O/C SPACING	TRIM	O/C SPACING	TRIM	O/C SPACING	TRIM
1	WD. SCREW	#3 X 1 1/2"	WOOD	36"	18"	24"	12"	24"	12"
	MTL. SCR.	#12 X 1" #14 X 7/8"	< 18 GA > 18 GA	36"	18"	24"	12"	24"	12"
2 & 3	WD. SCREW	#3 X 1 1/2"	WOOD	36"	18"	24"	12"	24"	8"
	MTL. SCR.	#12 X 1" #14 X 7/8"	< 18 GA > 18 GA	36"	18"	24"	12"	24"	8"

FLASHING PLACED UPSLOPE FROM EXPOSED EDGE OF METAL PANEL EXTENDING 4 INCHES OVER METAL PANEL AND 4 INCHES UP VERTICAL UNDER WALL FINISH.



SIDE WALL FLASHING

VALLEY FLASHING

General Roofing NOTES:

DECK REQUIREMENTS:
 METAL PANELS MUST BE FASTENED TO MIN. 1/2" CDX FLYWOOD.

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 PANEL:
 METAL PANELS SHALL BE MIN. 26 GAUGE AND COMPLY WITH ASTM A-192 AND D 1-98 EXPOSURE C AS ADOPTED IN SOUTH FLORIDA.

FASTENERS:
 FASTENERS FOR METAL PANELS SHALL BE GALVANIZED WOOD FAST SCREWS, MINIMUM OF #3 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 WITH ASTM E 330 OR FA 125.

BASE AND CAP FLASHINGS:
 BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFR'S INSTALLATION INSTRUCTIONS.

- RC-1 - RIDGE CAP
- ED-1 - EAVE DRIP
- EF-3 - EAVE FLASHING
- SW-1 - SIDEWALL FLASHING
- EW-1 - ENDWALL FLASHING
- GR-4 - GABLE END OR RAKE BOARD FLASHING
- TF-1 - TRANSITION FLASHING
- PV-2 - PREFORMED VALLEY FLASHING
- BUTYL TAPE
- PIPEBOOT

UNDERLAYMENT APPLICATION:
 FOR ROOF SLOPES FROM 3:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

- STARTING AT THE EAVE, A 18 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL TO THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
- 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/ MFR'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.

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:

- 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 1507.3.3.2.
- 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.
- CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
 - BOTH TYPES 1 AND 2 ABOVE, COMBINED.
 - ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
 - SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE & COMPLYING WITH ASTM D 1910.

GENERAL NOTES:

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE ACQ PRESURE TREATED.
- INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COMPLIANCE WITH 'UL Design U333'. BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.

PROJECT INFORMATION / NOTES:

DESIGN VALUES/LOADS & CODES

WIND DESIGN SPEED: 110 MPH, UNLESS NOTED OTHERWISE

SOIL DESIGN STATEMENT:

FOOTING DESIGN IS BASED UPON 1000PSF SOIL BEARING PRESSURE PROVIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL REQUIRE FOUNDATION MODIFICATIONS.

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

BUILDING CODE: 2004 FLORIDA BUILDING CODE

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 LOCATION 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.

INORGANIC ARSENICAL PRESURE TREATED WOOD

SOME FRAMING MATERIALS SPECIFIED FOR THE CONSTRUCTION OF YOUR PROJECT SUCH AS BILLS OR EXTERIOR FRAMING ARE PRESURE TREATED. EACH PIECE IS CLEARLY MARKED FOR EASY IDENTIFICATION AND IS USUALLY GREENISH IN COLOR.

THIS WOOD HAS BEEN PRESERVED BY PRESURE-TREATMENT WITH AN EPA-REGISTERED PESTICIDE CONTAINING INORGANIC ARSENIC TO PROTECT IT FROM INSECT ATTACK AND DECAY. EXPOSURE TO TREATED WOOD MAY PRESENT CERTAIN HAZARDS; THEREFORE, PRECAUTIONS SHOULD BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

FOR FURTHER INFORMATION ON THE USE OF AND DISPOSAL OF INORGANIC ARSENIC PRESURE TREATED WOOD, PLEASE REFER TO THE EPA MATERIAL SAFETY SHEET DEALING WITH THIS PRODUCT.

HARDWARE RETIGHTENING REQUIREMENTS

ALL BOLTED CONNECTIONS FOR THE STRUCTURAL STEEL BEAMS, POSTS, GIRDS, ROOF FURLINS AND OTHER STRUCTURAL MEMBERS TO BE INSPECTED PERIODICALLY AND RETIGHTENED AS NECESSARY.

STD. ABBREVIATIONS

@	AT	GALV.	GALVANIZED
#	NUMBER OR POUNDS	HORZ.	HORIZONTAL
=	EQUALS	INS.	INSULATION
Ø	DIAMETER	INT.	INTERIOR
W	WITH	LAV.	LAVATORY
W/O	WITHOUT	LVL.	LAMINATED VENEER LUMBER
—	CENTERLINE	MAX.	MAXIMUM
∧	AND	MIN.	MINIMUM
+/- or ±	PLUS OR MINUS	MISC.	MISCELLANEOUS
1'	ONE FOOT	M.O.	MASONRY OPENING
1"	ONE INCH	No. or Nr.	NUMBER
1/4" or 1/8"	ONE QUARTER INCH	O.C.	ON CENTER
8d	8 PENNY	OH	OVERHEAD
BM	BEAM	OH	OVERHEAD DOOR
B.O.	BY OTHERS	PLYD.	PLYWOOD
BOT.	BOTTOM	P/T	PRESURE TREATED
CLG.	CEILING	REIN.	REINFORCING (ED)
CO	CLEANOUT	REQD.	REQUIRED
CONC.	CONCRETE	RF	ROUGH OPENING
COTG.	CLEANOUT TO GRADE	RF	ROUGH OPENING
DBL.	DOUBLE	SF	SQUARE FEET
DM	DIMENSION	SGD	SLIDING GLASS DOOR
DN.	DOWN	SHT.	SHEET
ELEV.	ELEVATION	SRH	SUWANNEE RIVER LOG HOMES
EXT.	EXTERIOR	TYP.	TYPICAL
F	FRENCH (DOORS)	VERT.	VERTICAL
FDL	FOUNDATION	WC	WATERCLOSET (TOILET)

SYMBOLS

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

	1/2" - 0"	TOP OF SUB-FLOOR	TYPE OF ELEVATION MARK USED TO INDICATE A PREFERRED TARGET ELEVATION - TRUE MEASUREMENT.
	TOP OF 1941 LOG COURSE	NOMINAL - 8'-8 1/2"	TYPE OF ELEVATION MARK USED TO INDICATE THE TOP OF A LOG WALL STACK - NOMINAL ONLY.
	A	A5	TYPE OF DETAIL MARK USED TO INDICATE A SECTION OR DETAIL ASSOCIATED WITH A PLAN VIEW
	A	A5	TYPE OF DETAIL MARK USED TO INDICATE A SECTION IN SECTION "A" ON SHEET "A5", TAIL INDICATES DIRECTION OF VIEW
	A	A5	TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW IN SECTION "A" FOUND ON "D&S" OF THE PROJECT MANUAL
	A		INDICATES FOOTING TYPE "A", DESCRIBED IN THE FOOTING SCHEDULE
	I		INDICATES POST/COLUMN TYPE "I", DESCRIBED IN THE COLUMN SCHEDULE
	1		INDICATES POST/COLUMN TYPE "1", LOCATED BELOW CURRENT LEVEL
	2		INDICATES POST/COLUMN TYPE "2", LOCATED ABOVE CURRENT LEVEL
	2		INDICATES POST/COLUMN TYPE "2" LOCATED OVER TYPE "1" POST/COLUMN

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A NEW MEETINGHOUSE FOR:
CHURCH OF CHRIST
 WINFIELD, COLUMBIA COUNTY, FLORIDA
 GENERAL NOTES & DETAILS

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DATE:

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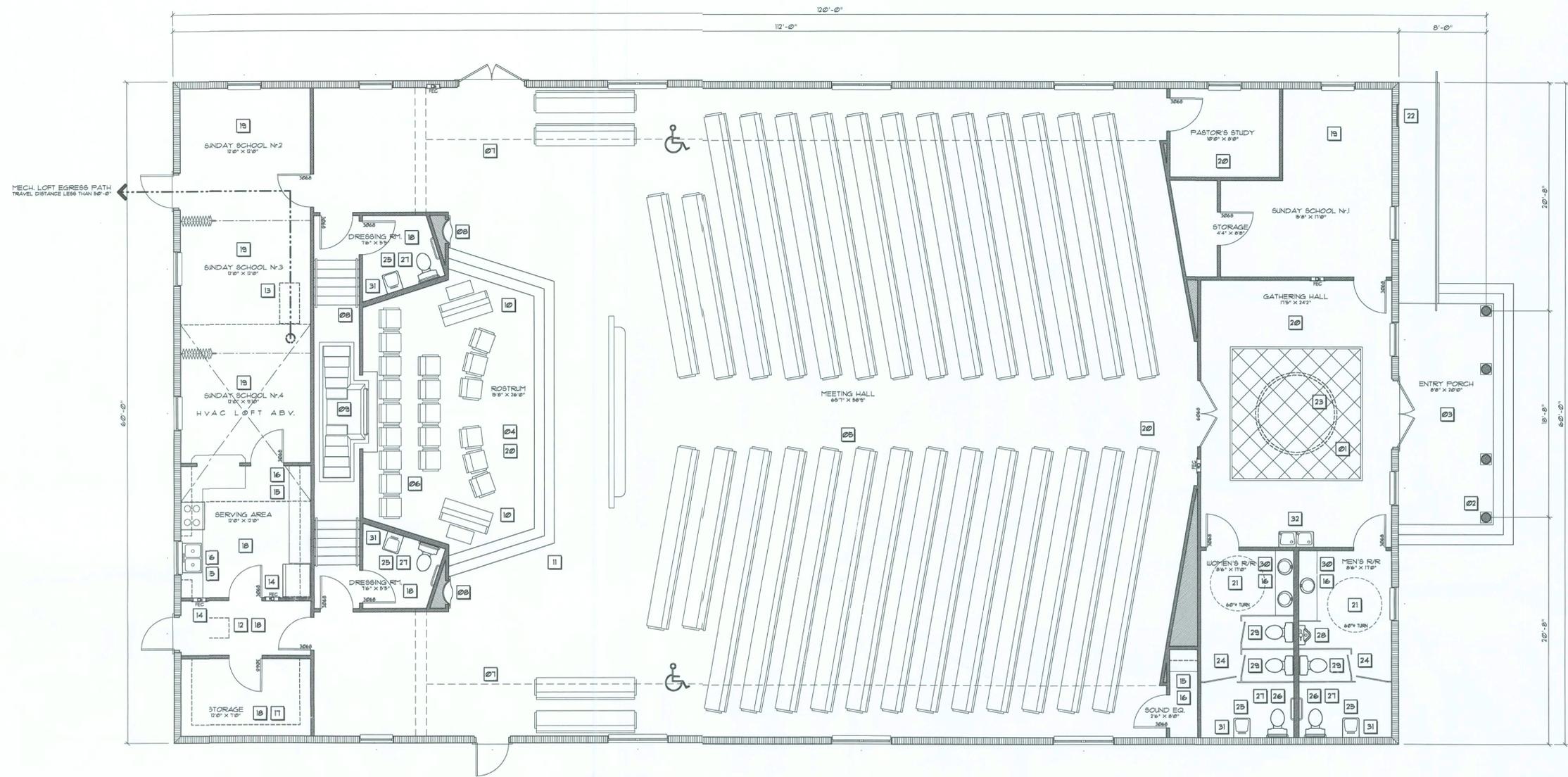
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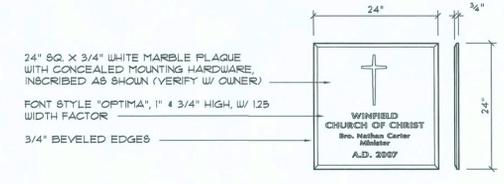
Floor PLAN

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



Floor Plan NOTES:

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> 01 TILE FLOORING W/ BORDER & INSERTS - ALT. WOOD PARQUET THIN-SET ON CONC. SLAB 02 PREFAB FIBERGLASS COLUMN WRAP OVER WD. POST 03 STENCILED CONCRETE - PATTERN & COLORS PER OWNER 04 PULPIT, RAIL & KNEE WALL AS DIRECTED BY THE OWNERS 05 FEWS: RED OAK, PADDED - COLORS AS PER OWNER 06 MOVABLE CHAIR SEATING 07 CEILING COVE LIGHTING RECESS - REFER TO DETAIL B ON SHEET A.6 08 SHELL NICHES: N504 + N520 EACH, PAINTED 09 FIBERGLASS BAPTISMAL FONT - PER SHOP DRAWINGS 10 UPRIGHT PIANO / ORGAN - AS SELECTED BY THE OWNERS | <ul style="list-style-type: none"> 11 STEP SLAB W/ 1" RIGERS 12 ATTIC SCUTTLE, W/ CASSED OPENING 13 PULL-DOWN ATTIC ACCESS STAIR, W/ 5" SIDE RAILS 1 HOUR FIRE RESISTIVE CONSTRUCTION, MIN. 14 FIRE EXTINGUISHER CABINET W/ 10 LB ABC DRY CHEM. 15 OVERHEAD LOCKING CABINETS 16 PLYWOOD CABINETS W/ PLASTIC LAM. COUNTERTOP 17 6 WIRE SHELVES, AS SELECTED BY THE OWNER 18 SHEET VINYL FLOORING, W/ 4" RUBBER COVE BASE 19 CARPET - GLU-DOWN, W/ 4" RUBBER COVE BASE 20 CARPET, GLU-DOWN W/ HARDWOOD BASE AND TRIM 21 CERAMIC TILE FLOORING & 4' C.T. WAINSCOT W/ BULLNOSE | <ul style="list-style-type: none"> 22 MARBLE DEDICATION PLAQUE SEE DETAIL A/A.3 23 "FOCAL POINT" COMPOSITE DOME "WILTON 98540" 24 TOILET PARTIONS, PLASTIC LAMINATE 25 HANDICAP ACCESSIBLE LAVATORY 26 HANDICAPPED GRAB BAR 27 ELONGATED BOWL 2 PIECE H/C W.C. W/ OPEN FRONT SEAT 28 WALL MOUNTED URINAL W/ FLUSH VALVE 29 ELONGATED BOWL 2 PIECE W.C. W/ OPEN FRONT SEAT 30 40" X 28" 5.5. FRAMED MIRROR 31 20" X 20" 5.5. FRAMED MIRROR 32 HI/LO ELECTRIC WATERCOOLER, AS SELECTED BY OWNER |
|--|---|--|



Dedication Plaque

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



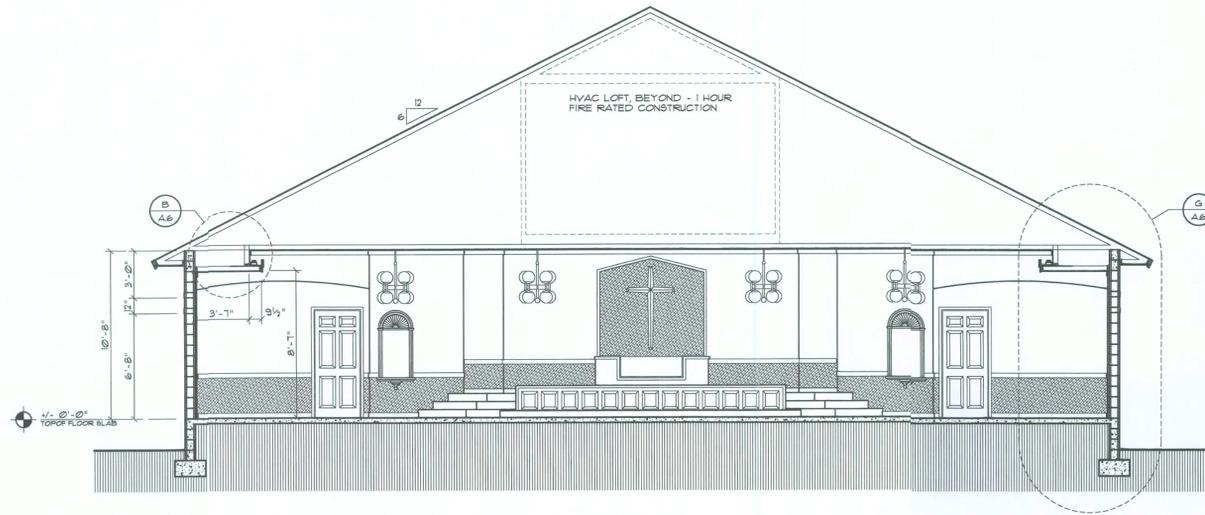
NOTE!
CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

NOTE!
PROVIDE 2x6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.

NOTE!
ALL INTERIOR PARTITION WALLS & CEILINGS ARE CLAD W/ 5/8" THICK GWS - USE "GREENBOARD" IN WET AREAS - ALL EXPOSED AREAS TO RECEIVE KNOCK-DOWN FINISH, UNO. - SEE GEN. FINISH SCHEDULE

BAPTISMAL FONT:
BAPTISTRY SHALL BE MODEL T28-WF, AS MANUFACTURED BY: FIBERGLASS SPECIALTIES, INC.
P. O. BOX 1340
HENDERSON, TX 75653
800-571-1459

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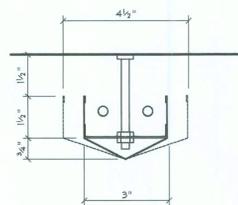
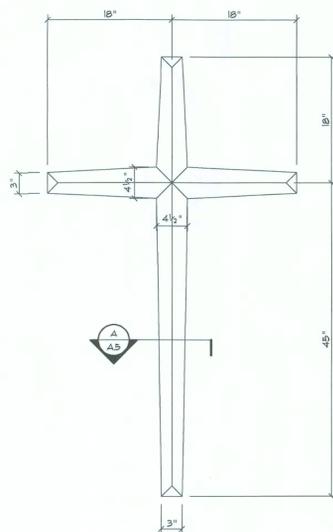


Building Transverse SECTION

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

GENERAL INTERIOR FINISH SCHEDULE:

FLOOR AREA:	CARPET, GLUE-DOWN, PATTERN 4 COLOR AS PER THE OWNER OR SHEET VNTL. - SEE PLAN FOR CHANGES
R/R FLOOR AREA:	THINSET CERAMIC TILE, PAT. 4 COLOR AS SELECTED BY THE OWNER
MAIN BASE:	1X4 HARDWOOD, RED OAK, STAINED & VARNISHED
SECONDARY BASE:	4" RUBBER COVE, COLOR AS SELECTED BY THE OWNER OR CERAMIC TILE - MATCH WITH FLOORING
WALLS:	1/2" GUB. W/ KNOCK-DOWN APPLIED FINISH, PRIMED AND PAINTED 2 COATS LATEX WALL PAINT, COLOR 4 GLOSS AS SELECTED BY THE OWNER INDICATED, DESIGNATED AREAS TO RECEIVE SIGAL WALL COVERING INSTALLED "RAILROAD" STYLE W/ MINIMUM JOINTS - ALL EDGES TO BE RESTRAINED W/ RABBETED HARDWOOD TRIM - COLOR PER OWNER
CEILING:	5/8" GUB. DIRECT HUNG, W/ KNOCK-DOWN FINISH, W/ 2 COATS OF LATEX CEILING PAINT, COLOR 4 GLOSS AS SELECTED BY THE OWNER
WOOD TRIM:	1X4 4 1X3 4 1X2 HARDWOOD, RED OAK, STAINED & VARNISHED



FABRICATION NOTES:

CROSS EMBLEM SHALL BE FABRICATED FROM #62 SHEET ALUMINUM W/ FULLY WELDED JOINTS GROUND FLUSH WITH THE ADJOINING SURFACES FOR A SMOOTH, MOUNDED APPEARANCE THE FREE EDGE SHALL BE HEMMED AND #62 X 1" SUPPORT STRAPS SHALL BE INCLUDED AT 24" O.C. EA. ARM PROVIDE A DBL. WHITE NEON TUBE LIGHTING SYSTEM W/ CONCEALED TRANSFORMER AND WIRING. THE FINISHED, MOUNTED EMBLEM SHALL HAVE THE APPEARANCE OF "FLOATING" AWAY FROM THE WALL. THE INTERIOR SHALL BE PAINTED BRIGHT WHITE & THE EXTERIOR SURFACES SHALL BE PAINTED SATIN "METALIC OLD GOLD". SUBMIT SAMPLES FOR APPROVAL.

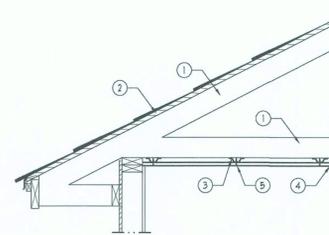
Cross Emblem DET.

SCALE: 1" = 1'-0"

G

Design No. P522

Unrestrained Assembly Rating-1 Hr.
Finish Rating-22 Min.



1. Roof Sheathing - 4 ft by 8 ft by 15/32 in. thick CDX plywood. Plywood installed perpendicular to trusses with end joints staggered 4 ft. Plywood secured to trusses with fasteners as specified on the construction drawings.

2. Trusses - Parallel chord trusses spaced a max 24 in. O.C. fabricated from nom 2 by 4 in. lumber with lumber orientated either vertically or horizontally. Truss members secured together with No. 20 M5G galv steel truss plates. Plates include 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other made from the same punch creating a split tooth type plate. Each tooth has a chisel point on its outside edge, with these points being diagonally opposite from each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approx 7/8 in. centers with four rows of teeth per in. of plate width.

3. Furring Channels - Formed of No. 25 M5G galv steel spaced 24 in. O.C. perpendicular to trusses. Channels secured to trusses with double strand of No. 18 SUG galv steel wire spaced 48 in. O.C. Channels applied with adjacent pieces overlapped 6 in. and tied with double strand of No. 18 SUG galv steel wire at each end of overlap.

3A. Resilient Channel - (Not shown) - As an alternate to Item 3 - Formed from No. 26 M5G galv steel spaced 16 in. O.C. perpendicular to trusses. Channels secured to trusses with Type 5, 1-1/4 in. long steel screws spaced 24 in. O.C. Channels overlapped at splice 4 in.

4. Wallboard, Gypsum - 5/8 in. thick, 4 ft wide. Sheets of wallboard installed with long dimension perpendicular to furring or resilient channels with 1 in. long wallboard screws spaced 12 in. O.C. and located a min 1-1/2 in. from side and end joints. At end joints, two furring or resilient channels are used which extend a min of 6 in. beyond end of joint.

Canadian Gypsum Co., Ltd.-Type C.
Celotex Corp.-Type FRP.
Domtar Gypsum-Type 5
Georgia-Pacific Corp., Gypsum Div.-Type GFFS-C.
Gold Bond Building Products-Type F5W-G.
United States Gypsum Co.-Types C, FCC, or IP-X2.

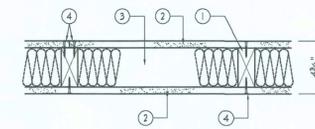
5. Screw, Wallboard - 1 in long, Type 5, 9/64 in. diam. self-drilling and self-tapping. Bugle head.

6. Finishing System - (Not shown) - Paper tape embedded in cementitious compound over joints with edges of compound feathered out and exposed screw heads covered with compound. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum wallboard.

*Bearing the UL Classification Marking

Design No. U333

Bearing Wall Rating-1 Hr.
Finish Rating-23 Min.



1. Wood Studs-Nom 2 by 4 in., spaced 16 in. D.C. effectively cross-braced.

2. Gypsum Wallboard-5/8 in. thick, 4 ft wide, applied either vertically or horizontally, screw attached to studs and plates with 1 1/4 in. long Type W steel screws, spaced 12 in. D.C.

Canadian Gypsum Co., Ltd.-Type C.
Georgia-Pacific Corp., Gypsum Div.-Type GFFS-C.
United States Gypsum Co.-Type C or IP-X2.

3. Batts and Blankets--(Optional)-Mineral wool insulation, partially or completely filling stud cavity.

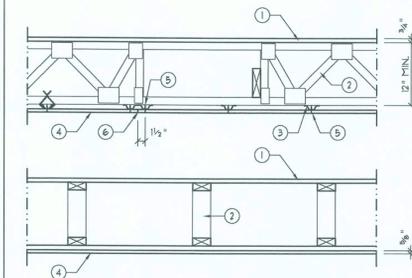
USG Interiors Inc.
United States Gypsum Co.

4. Joints and Nailheads-Wallboard joints covered with paper tape and joint compound. Screwheads covered with joint compound.

*Bearing the UL Classification Marking

Design No. L528

Unrestrained Assembly Rating-1 Hr.
Finish Rating-22 Min.



1. Flooring Systems - Finish Flooring - 4 ft by 8 ft by 23/32 in. thick interior plywood with exterior glue and T & G edge detail along 8 ft sides. Plywood installed perpendicular to trusses with end joints staggered 4 ft. Plywood secured to trusses with construction adhesive and No. 601 ringed shank nails. Adhesive applied as 3/8 in. diam bead to top chord of trusses and groove edges of plywood. Nails spaced 12 in. O.C. along each truss. As an option, lightweight insulating concrete with Perlite or Vermiculite Aggregate or gypsum concrete may be placed on the flooring. The min thickness of insulating concrete shall be 3/4 in. The max thickness shall be determined by job site conditions. A thin plastic or paper vapor retarder may be placed on plywood prior to pouring the concrete. Use Perlite Aggregate (IPX) and Vermiculite Aggregate (CJZZ).

2. Trusses - Parallel chord trusses spaced a max 24 in. O.C. fabricated from nom 2 by 4 in. lumber with lumber orientated either vertically or horizontally. Truss members secured together with No. 20 M5G galv steel truss plates. Plates include 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other made from the same punch creating a split tooth type plate. Each tooth has a chisel point on its outside edge, with these points being diagonally opposite from each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approx 7/8 in. centers with four rows of teeth per in. of plate width.

3. Furring Channels - Formed of No. 25 M5G galv steel spaced 24 in. O.C. perpendicular to trusses. Channels secured to trusses with double strand of No. 18 SUG galv steel wire spaced 48 in. O.C. Channels applied with adjacent pieces overlapped 6 in. and tied with double strand of No. 18 SUG galv steel wire at each end of overlap.

3A. Resilient Channel - (Not shown) - As an alternate to Item 3 - Formed from No. 26 M5G galv steel, spaced 16 in. O.C. perpendicular to trusses. Channels secured to trusses with Type 5, 1-1/4 in. long steel screws spaced 24 in. O.C. Channels overlapped at splice 4 in.

4. Wallboard, Gypsum - 5/8 in. thick, 4 ft wide. Sheets of wallboard installed with long dimension perpendicular to furring or resilient channels with 1 in. long wallboard screws spaced 12 in. O.C. and located a min 1-1/2 in. from side and end joints. At end joints, two furring or resilient channels are used which extend a min of 6 in. beyond end of joint.

Canadian Gypsum Co., Ltd.-Type C.
Celotex Corp.-Type FRP.
Domtar Gypsum-Type 5
Georgia-Pacific Corp., Gypsum Div.-Type GFFS-C.
Gold Bond Building Products-Type F5W-G.
United States Gypsum Co.-Types C, FCC, or IP-X2.

5. Screw, Wallboard - 1 in long, Type 5, 9/64 in. diam. self-drilling and self-tapping. Bugle head.

6. Finishing System - (Not shown) - Paper tape embedded in cementitious compound over joints with edges of compound feathered out and exposed screw heads covered with compound. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum wallboard.

*Bearing the UL Classification Marking

REVISION:

03 NOV 2K6

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N.P. Giesler, Architect

DRAWN:

mpg

A NEW MEETINGHOUSE FOR:
CHURCH OF CHRIST
 WINFIELD, COLUMBIA COUNTY, FLORIDA
 BUILDING SECTIONS

NG
 NICHOLAS
 PAUL
 GIESLER
 ARCHITECT
 N.C. STATE, SPRING

DATE:

14 JULY 2004

COMM:

2K407

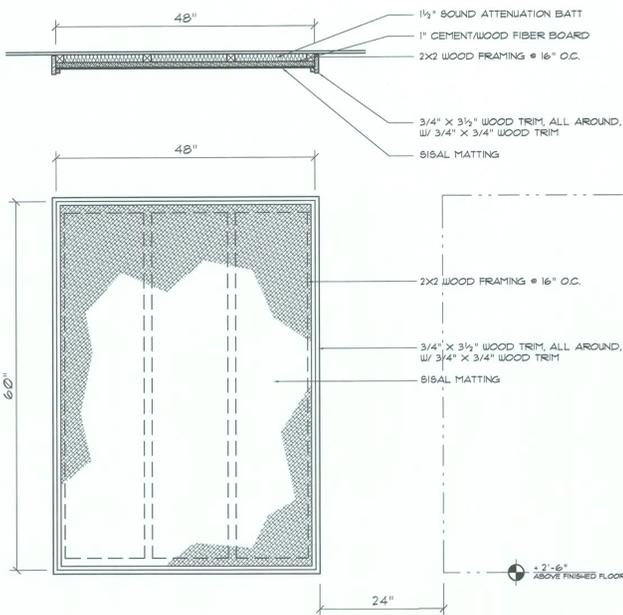
SHEET:

A.5

5 of 13

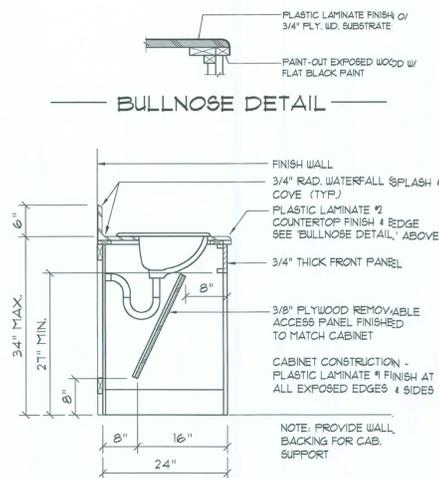
13 NOV 2004

AR0007005



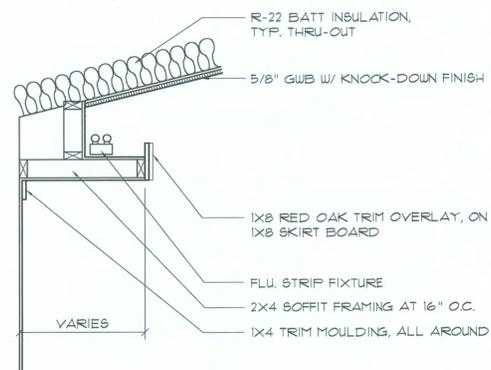
Sound Attenuation PANEL

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



Vanity DETAIL

SCALE 3/4" = 1'-0"
TYP. OPEN FRONT VANITY

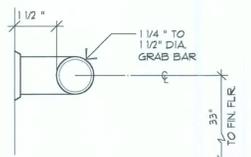


Cove Ltg./Soffit SEC.

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

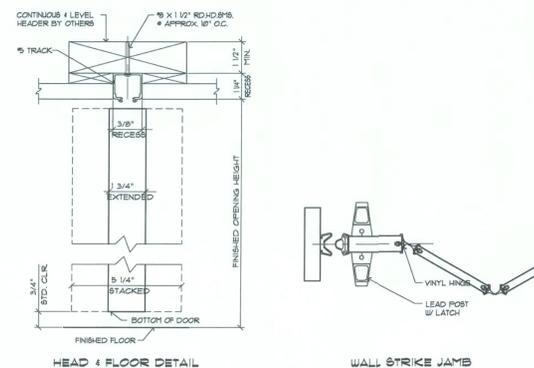


- GRAB BARS AT WATER CLOSET (911A-9)
- ONE AT SIDE 42" LONG EXTENDING 24" IN FRONT OF WATER CLOSET, MOUNTED 33" ABOVE FLOOR.
 - BAR SHALL BE 1-1/4" TO 1-1/2" IN DIAMETER WITH 1-1/2" CLEARANCE TO WALL.
 - BAR FASTENERS AND MOUNTING SUPPORT SHALL BE ABLE TO WITHSTAND 250 LBS. POINT LOAD IN BENDING, SHEAR TENSION. ROTATION IN FITTING NOT ALLOWED.
 - SURFACE OF WALL ADJACENT TO GRAB BAR IS TO BE FREE OF SHARP OR ABRASIVE ELEMENTS



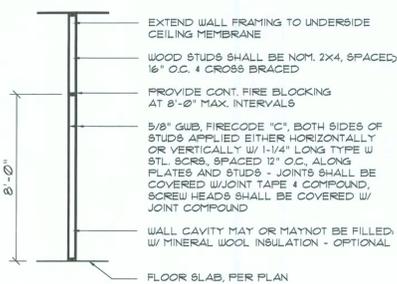
Grab Bar DET.

SCALE = NONE



Folding Partition DET.

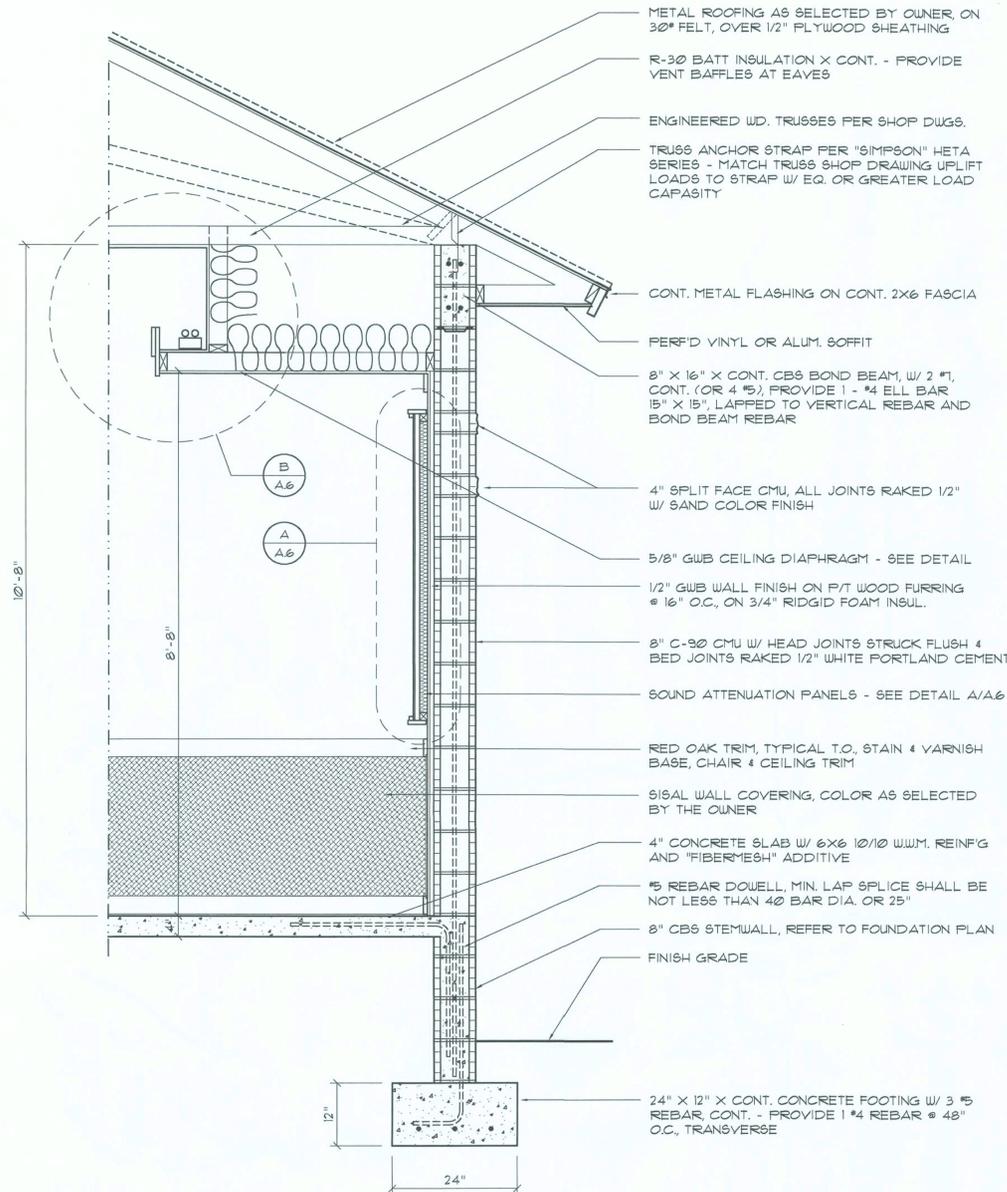
SCALE: 3" = 1'-0"



1 HOUR FIRE RESISTIVE WALL
EQUAL TO UL Des. U333
NOTE:
NON-RATED WALLS MAY BE 1/2" GWB

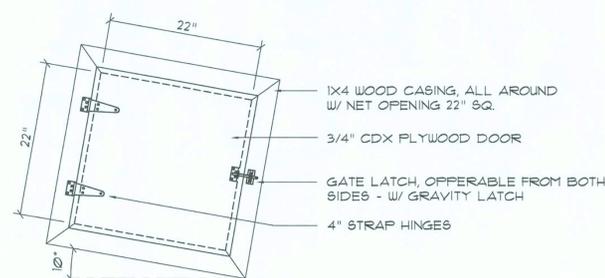
Partition DET.

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



Typical Wall SECTION

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



**Self-Closing,
Smoke Division Wall,
Scuttle DETAIL**

SCALE: 1" = 1'-0"



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REVISION:
09 NOV 2K6

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DRAWN:
178

A NEW MEETINGHOUSE FOR:
CHURCH OF CHRIST
WINFIELD, COLUMBIA COUNTY, FLORIDA
DETAILS & TYPICAL WALL SECTION

NS
NICHOLAS
PAUL
GEBLERT
ARCHITECT
P.A.
N.C.A.R.E.L. Certified
Rt. 17, Box 1038
Lawton, OK 73505
386/755-9021

DATE:
14 JULY 2004

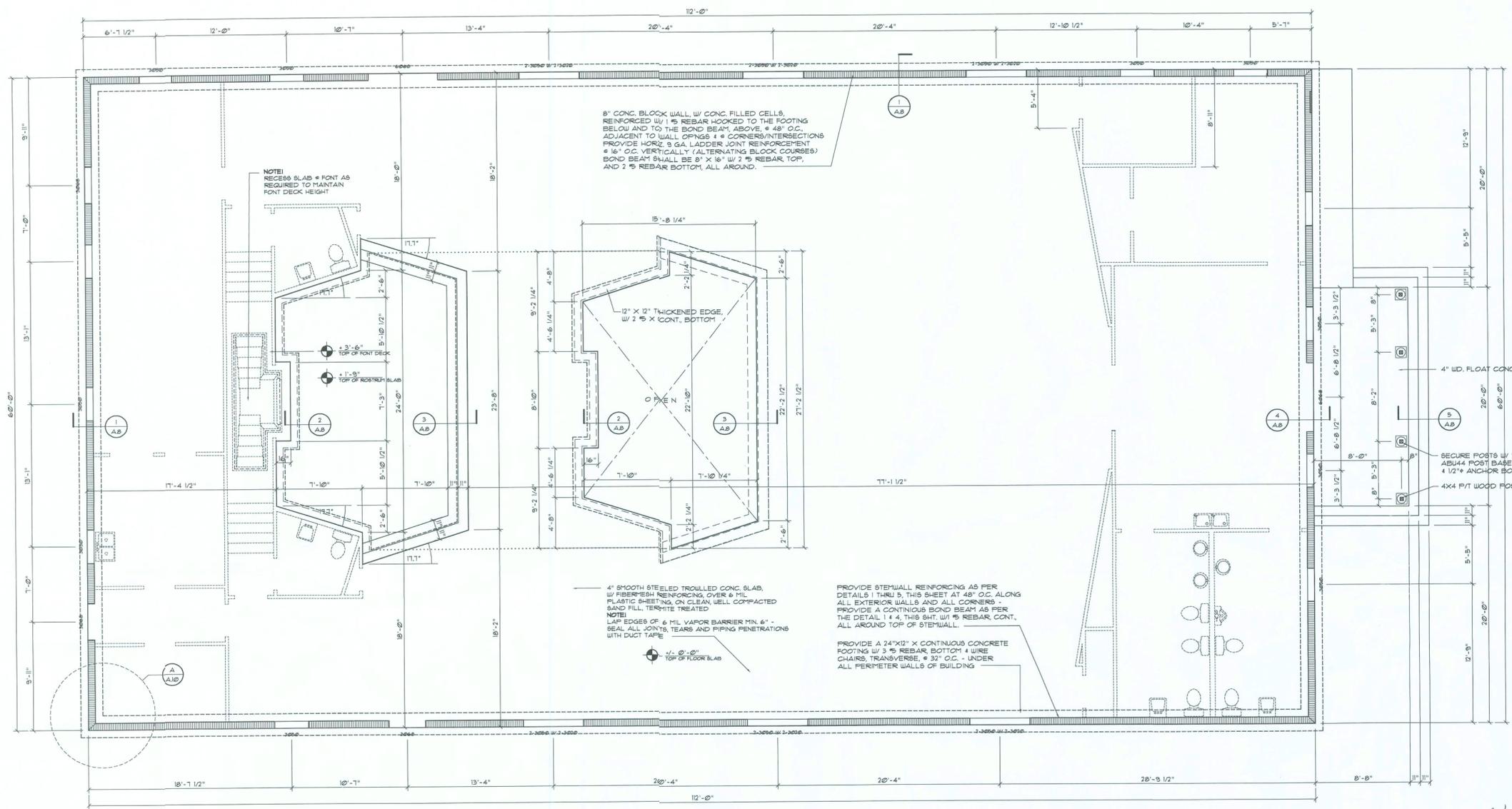
COM#:
2K407

SHEET:
A.6
6 of 13

13 NOV 2004
AR0007005

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

NOTE!
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 100 MPH PER 2004 IBC 1609
AND LOCAL JURISDICTION REQUIREMENTS

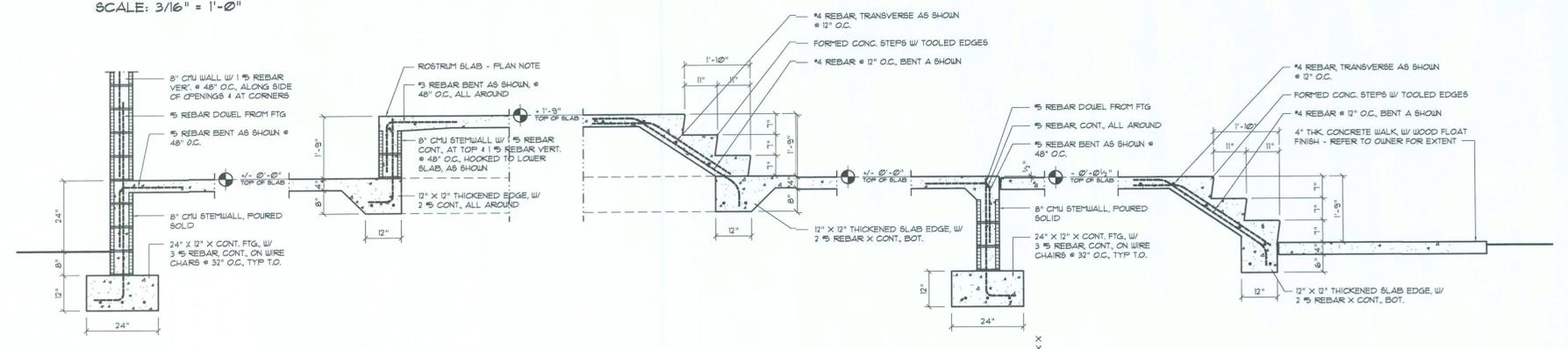


NOTE!
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION,
THE CONTRACTOR SHALL COORDINATE ANY INTERIOR
BEARING LOCATION CONDITIONS PER THE TRUSS
ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION
PLAN. ANY INTERIOR BEARING LOCATIONS OR ANY
POINT LOADS OF 40 K OR GREATER SHALL BE
SUPPORTED VIA A MODIFIED FOUNDATION 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.

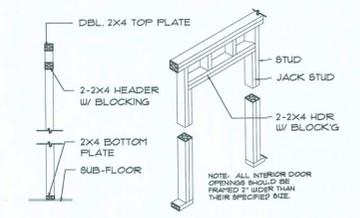
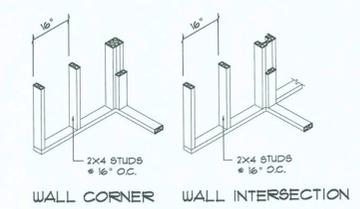
NOTE!
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP
DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL
FLUING LINE LOCATIONS AND RISER DIAGRAM - CONTR.
SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND
1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!
HVAC CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP
DRAWINGS INDICATING ALL HVAC 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.

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



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



Wall Framing DETS.
SCALE: NONE

FRAMING ANCHOR SCHEDULE

TRUSS TO WALL: SIMPSON METAL 16 W/ T88, W/ 12 - 10d x 1 1/2"
GABLE TRUSS TO END WALL: SIMPSON HCAP16 @ 6'-0" O.C.
PORCH FRAMING TO BEAM: SIMPSON HI
PORCH BEAM TO POST: SIMPSON PC44/EPC44
PORCH POST TO FND: SIMPSON ABJ44

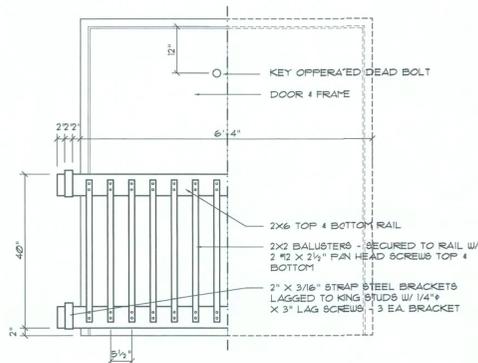
NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

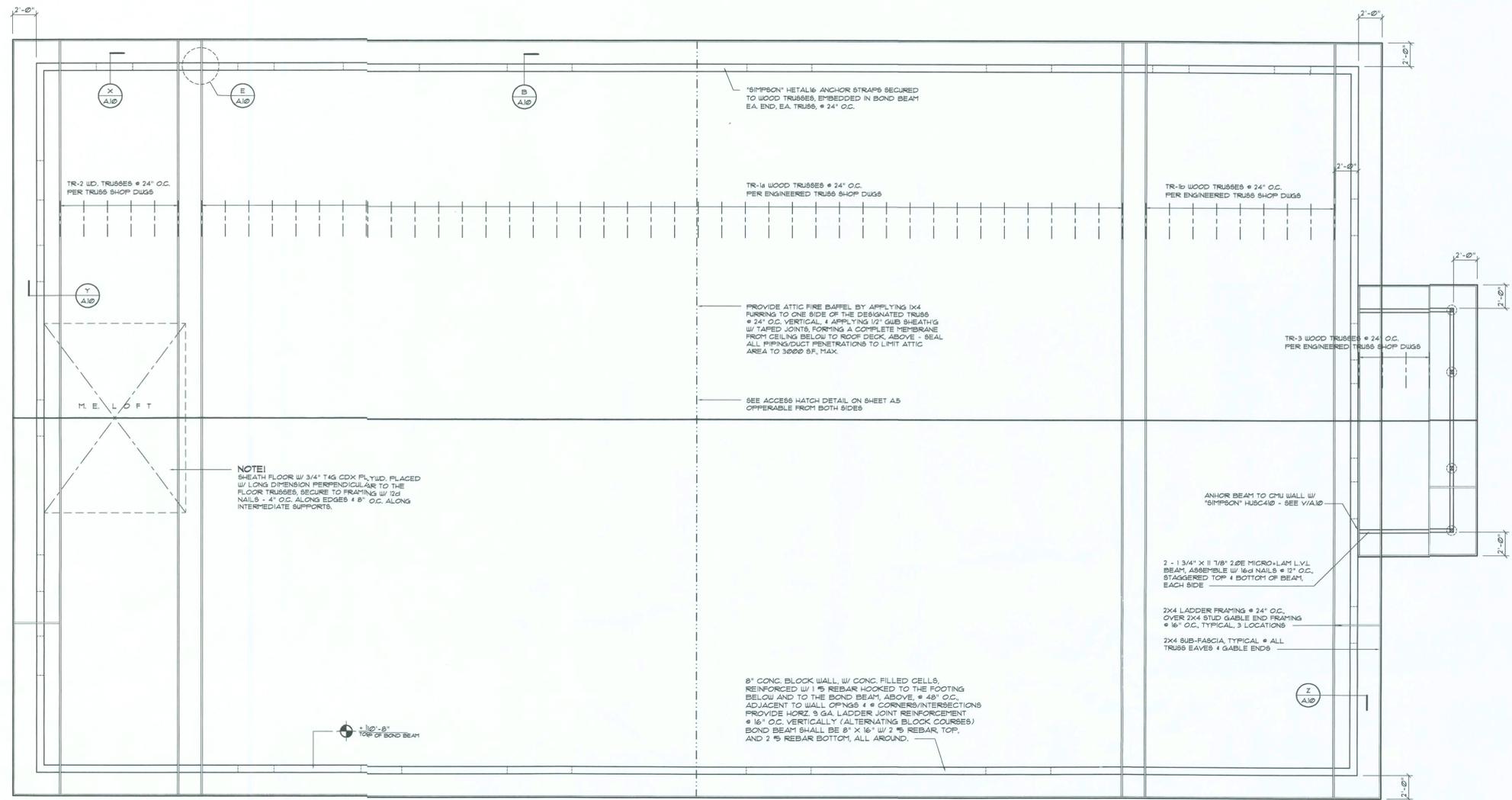
NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.D.

GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST Ed., ALONG WITH 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.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS 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.

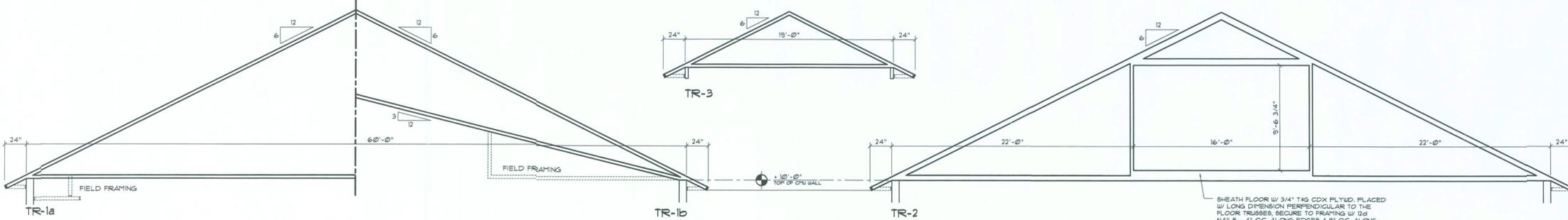


SafeGuard @ Mech. Loft DETAIL (B)
SCALE: NONE



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

NOTE:
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES. SECURE TO FRAMING AS PER DETAIL U/A10



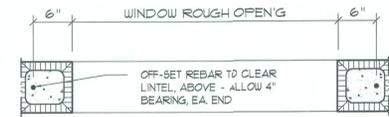
Truss PROFILES (A)
SCALE: 3/16" = 1'-0"

SHEATH FLOOR W/ 3/4" TAG CDX PLYWOOD, PLACED W/ LONG DIMENSION PERPENDICULAR TO THE FLOOR TRUSSES. SECURE TO FRAMING W/ 10d NAILS - 4" O.C. ALONG EDGES & 8" O.C. ALONG INTERMEDIATE SUPPORTS.

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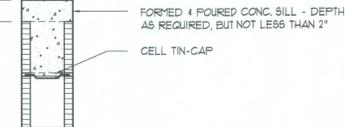
REFER TO PLAN TOP OF WALL
 8x8 BOND BEAM BLOCK ON 8x8 P/C LINTEL, W/ 1" TOP & 1" BOTTOM W/ 3 "J" HOOKS AS SHOWN @ 8" O.C.

Lintel/Head DET.



Jamb DETAIL

WINDOW ROUGH OPENING
 DOOR ROUGH OPENING
 AS REQ'D

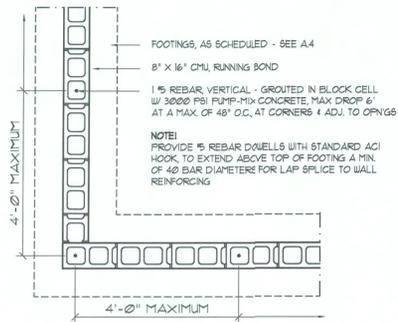
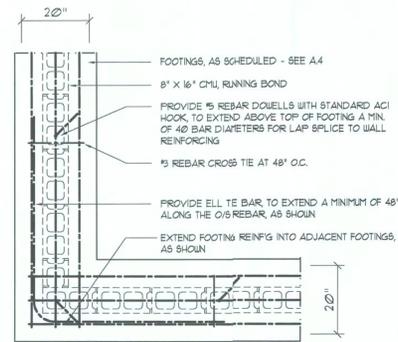


Sill DETAIL



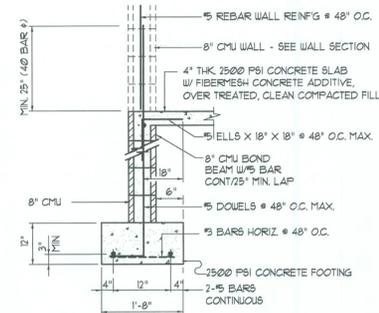
ENTRY DOOR Sill DETAIL

Masonry Opn'g DET'S



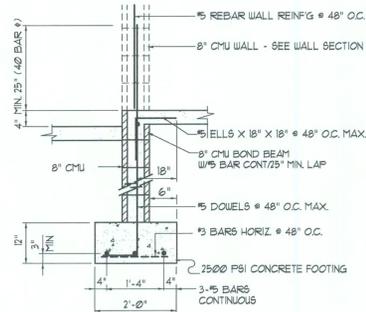
Wall/Foundation Reinf'g DETAIL

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



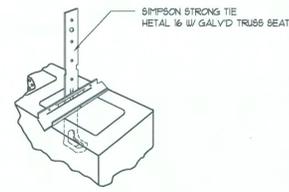
STEMWALL SECTION

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



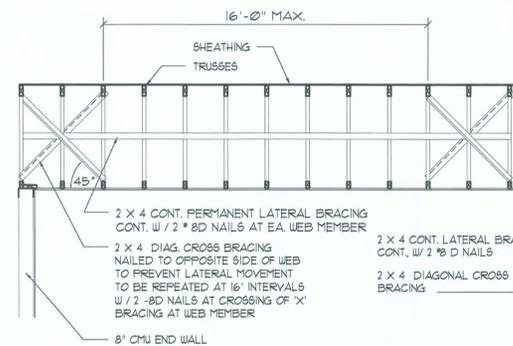
STEMWALL SECTION

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



Truss Anchor DETAIL

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

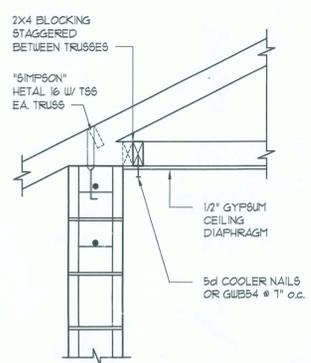


TYP. PERMANENT TRUSS BRACING DIA.

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

Truss Bracing DETAILS

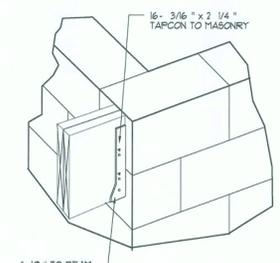
SCALE: AS NOTED



Gypsum Ceiling Diaphragm to Sidewall Connection

Roof Edge DETAIL

SCALE: NONE

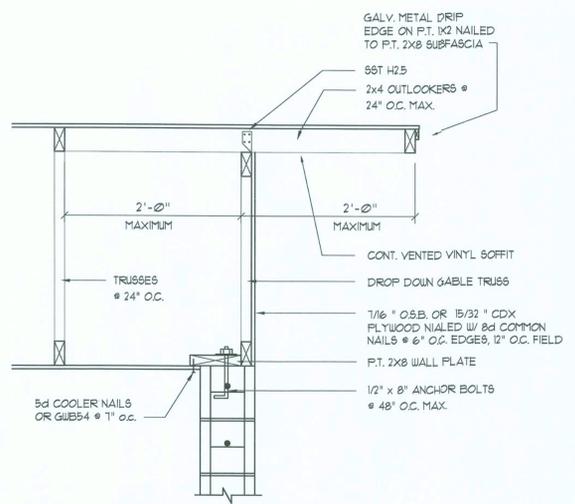


SIMPSON HUSC410 WOOD BEAM TO MASONRY



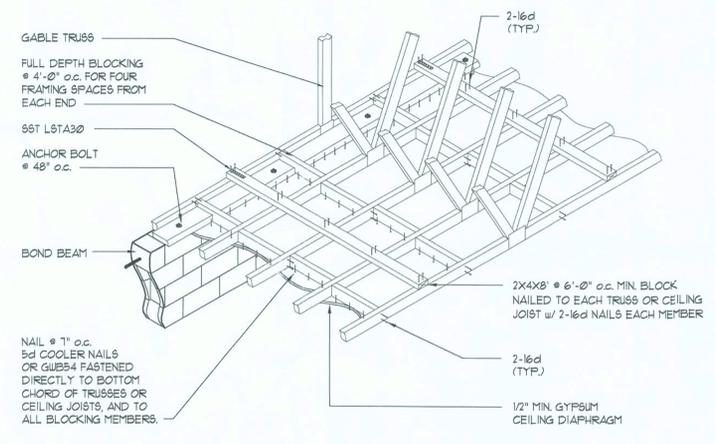
MULTIPLE L.V.L. BEAM LAM. DETAIL

NOT TO SCALE



Gable End DETAIL

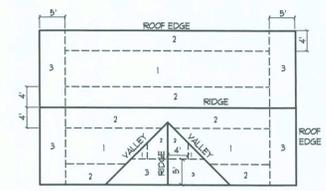
SCALE: NONE



DIRECT TRUSS TO MASONRY CONNECTION ENDWALL FOR GYPSUM CEILING DIAPHRAGM

SCALE: NONE

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			6 in. o.c. EDGE 12 in. o.c. FIELD
2	1/8" O.S.B. OR 15/32 CDX	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD



Roof Sheathing Nailing Zones (Gable Roof)

Nail Pattern DET.

SCALE: NONE

REVISION:

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 N.P. Geisler, Architect

Drawn:
 JPB

A NEW MEETINGHOUSE FOR:
CHURCH OF CHRIST
 WINFIELD, COLUMBIA COUNTY, FLORIDA
 STRUCTURAL DETAILS

GEISLER ARCHITECT
 N. CAROLINA - CERTIFIED
 Route 17, Box 1038
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 386/735-9021

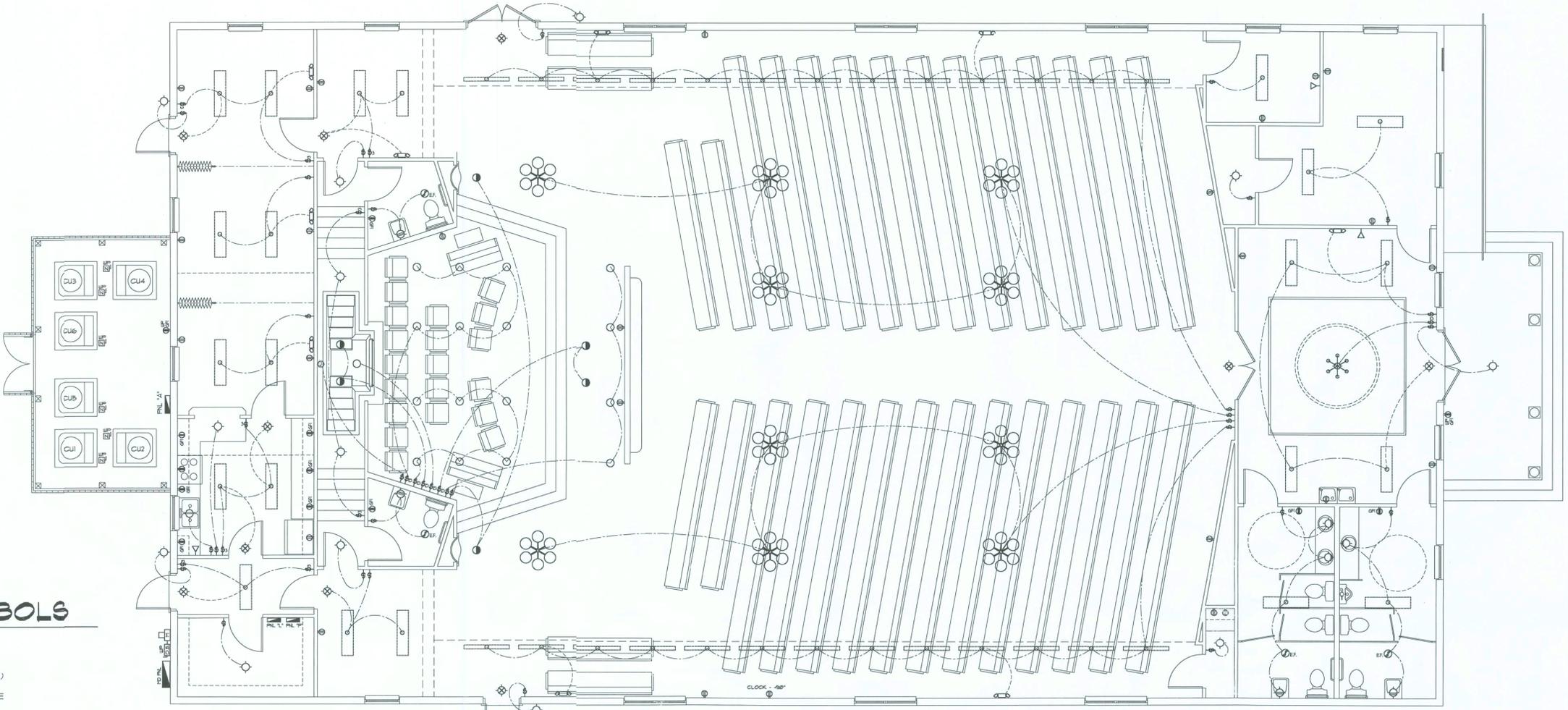
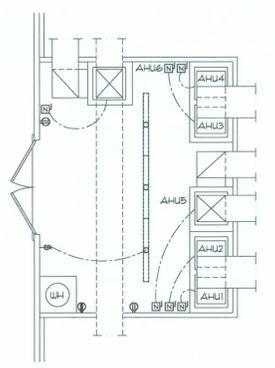
DATE:
 14 JULY 2004

CONTRACT:
 2K407

SHEET:
 A.10
 10 OF 13

APPROVED:
 13 NOV 2004
 AR0007005

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Electrical SYMBOLS

- ⊕ SPST WALL SWITCH
- ⊕ DPDT WALL SWITCH (3-WAY)
- ⊕ DUPLEX WALL RECEPTACLE
- ⊕ 240V OUTLET
- ⊕ GFI GND FAULT INTERRUPTER DUPLEX RECEPT.
- ⊕ WPT WEATHER PROOF GFI DUPLEX RECEPT.
- ⊕ ELECTRICAL PANEL
- ⊕ EXHAUST FAN
- ⊕ INC. LIGHT FIXTURE
- ▬ 2 TUBE FLU. STRIP
- ▬ 4 TUBE FLU. FRIMATIC WRAP SURFACE FIXTURE
- ⊕ HIGH HAT DOWN LIGHT
- ⊕ HIGH HAT WALL WASHER
- ⊕ SWITCH/FIXTURE WIRING
- ⊕ NON-SWITCHED WIRING FOR NEC 700-12F
- ⊕ NON-FUSED DISC. SWITCH
- ⊕ CHANDELIER, AT DOMED ENTRY
- ⊕ JUNCTION BOX
- ⊕ EXIT LIGHT SIGN - GREEN FONT
- ⊕ BAT. PACK EMERGENCY LIGHT
- ⊕ ECCLESIASTICAL CHANDELIER W/ 12 - 60W INC.

Electrical PLAN

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

NOTE!
BUILDING SHALL BE PRE-WIRED FOR FUTURE INTRUSION ALARM SYSTEM WITH LOW-VOLTAGE CABLE STUBBED TO ALL WINDOW AND EXTERIOR DOOR LOCATIONS. ALL WIRING SHALL BE HOME-RUNS W/ PROVISIONS FOR ENTRY KEYPADS, ALARM ANNUNCIATOR, PASSIVE IR DETECTORS AT HALLWAYS AND MAIN ENTRY - WIRING SHALL TERMINATE AT LOCATION DESIGNATED BY THE OWNER.

NOTE!
SOUND SYSTEM EQUIPMENT AND RELATED ELECTRICAL WORK SHALL BE AS DIRECTED BY THE OWNER SYSTEM FEATURES, MICROPHONE INPUTS AND SPEAKER LOCATIONS SHALL BE AS DIRECTED BY THE OWNER - VIDEO SYSTEM CAPABILITIES SHALL BE AS DIRECTED BY THE OWNER BOTH SYSTEMS SHALL BE ABLE TO WORK INDEPENDANT FROM THE OTHER OR TOGETHER AS NEEDED.

SERVICE LOAD COMPUTATION:

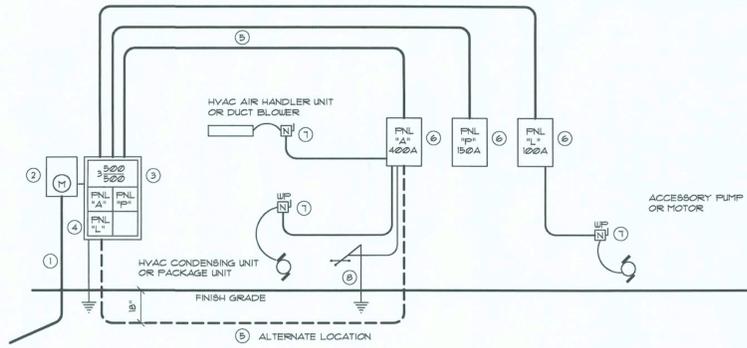
LOAD		SERVICE LOAD: 119.1 KW / 240V = 496.3 AMPERS	
PANEL "A"	LOAD = AHU LOAD = 58.8 KW	SERVICE SIZE: 2 * 250MCM - THW - Cu, EA. PHASE, 2 * 250MCM - THW - Cu - Neut. 1 * 2/0 - Cu - GND, 2 - 2 1/2" C.	
PANEL "L"	150A FNL @ 80% = 28.8 KW		
PANEL "P"	150A FNL @ 80% = 28.8 KW		
SUB-TOTAL:		116.4 KW	
+ 25% L.M.:		2.7 KW	
TOTAL:		119.1 KW	

NOTE!
ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDS 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 DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!
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.

NOTE!
EMERGENCY LIGHTING AND EXIT SIGNS, SHALL BE PROVIDED AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE WIRED PER NEC 700-12F.

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



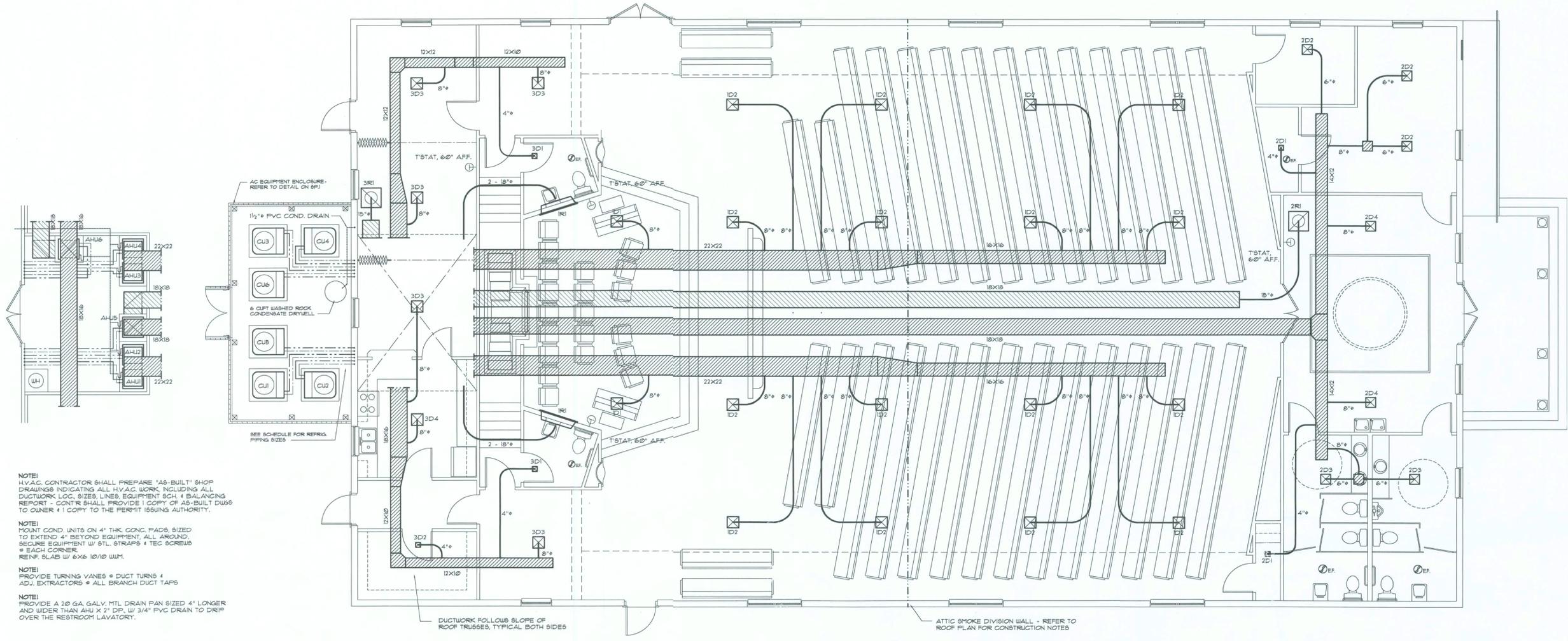
- 1 Service/Feeder Entrance Conductors: 2 1/2" rigid conduit, min. 18" deep w/ continuous Ground Bonding Conductor. Service/Entrance Conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel shall be allowed.
- 2 Meter Enclosure, weatherproof, UL Listed.
- 3 Main Disconnect Switch fused or Main BRKR weatherproof, UL Listed.
- 4 Service entrance Ground: 3/4" iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 30'-0" long. Grounding Conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per item 5, below.
- 5 500 AMPERE SERVICE: Refer to LOAD COMPUTATIONS
- 6 House Panel (FNL), UL Listed, sized per schedule.
- 7 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 with the Service Ground Conductor.

ELECTRICAL RISER DIAGRAM: 500A

SCALE: NONE

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

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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 DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:
MOUNT COND. UNITS ON 4" THK. CONC. PADS, SIZED TO EXTEND 4" BEYOND EQUIPMENT, ALL AROUND, SECURE EQUIPMENT W/ STL. STRAPS & TEC SCREWS @ EACH CORNER. REINF. SLAB W/ 6X6 @ 10/10 W/4".

NOTE:
PROVIDE TURNING VANES @ DUCT TURNS & AHU EXTRACTORS @ ALL BRANCH DUCT TAPS

NOTE:
PROVIDE A 2" GA. GALV. MTL. DRAIN PAN SIZED 4" LONGER AND WIDER THAN AHU X 2" DP. W/ 3/4" PVC DRAIN TO DRIP OVER THE RESTROOM LAVATORY.

H.V.A.C. PLAN
SCALE: 3/16" = 1'-0"

H.V.A.C. Equipment SCHEDULE
SCALE: NONE

EQUIPMENT SPECIFICATION:		EQUAL EQUIPMENT BY LISTED MFG'RS IS APPROVED											
SYB.	MK	MOD	TOTAL COOL	SENSIBLE	HEATING	SEER	HSPF	EHP	KW	CFM	VOLTAGE	LIQUID	DUCTION
1,2,3,4	"RUJD"	CU: UPFA-060JA AHU: UBHK-25JINFY	> 53500 BTU	41400 BTU	417F DB = 53500 BTU 117F DB = 32000 BTU	13.50	8.70	30"	4.30	2000 (E.A.)	240V - 1Ø	3/8"	1 1/8"
5	"RUJD"	CU: UPFA-036JA AHU: UBHK-21J0TDFD	> 35000 BTU	25000 BTU	417F DB = 35000 BTU 117F DB = 22000 BTU	14.00	8.00	30"	2.85	1200	240V - 1Ø	3/8"	1/8"
6	"RUJD"	CU: UPFA-042JA AHU: UBHK-24J0TDFD	> 41000 BTU	29800 BTU	417F DB = 42000 BTU 117F DB = 26600 BTU	14.00	8.00	30"	3.52	1400	240V - 1Ø	3/8"	1/8"

EQUIPMENT REQUIREMENTS

- SYSTEM DESCRIPTION:**
H.V.A.C. SYSTEM SHALL BE A SPLIT SYSTEM, WITH AN O/6 CONDENSING UNIT AND 1/6 AIR HANDLERS. THE SYSTEM SHALL BE A HEAT PUMP CONFIGURATION.
- SUPPLY DIFFUSERS / RETURN GRILLES**
- AIR DEVICES SHALL BE CONSTRUCTED OF ANODIZED ALUM. FOR ALL WALL AND CEILING LOCATIONS.
 - DIFFUSERS SHALL HAVE OPERABLE DAMPERS W/ CURVED BLADE ADJUSTABLE VANES IN ALL WALL & CEILING APPLICATIONS, AND OPPOSED BLADE DAMPERS IN FLOOR LOCATIONS.
 - RETURN AIR GRILLES SHALL BE CONSTRUCTED OF ANODIZED ALUM. FOR ALL WALL & CLG. LOCATIONS.
 - RETURN AIR GRILLES SHALL HAVE AN OPERABLE FACE W/ A FILTER HOLDER INCLUDED.
- DUCTWORK**
- DUCTWORK SHALL BE R42 FOIL FACED RIGID FIBERGLASS OR R60 FOIL FACED RIGID FIBERGLASS IN ATTIC AREAS, FOR ALL MAIN TRUNK LINES W/ FOIL FACED FLEX DUCT FOR ALL BRANCH DROPS.
 - ALL TURNING VANES, EXTRACTORS AND DAMPERS SHALL BE INCLUDED AND SHALL BE FABRICATED FROM GALV. SHEET METAL.
 - ALL JOINTS IN DUCTWORK SHALL BE LAP SPliced IN THE DIRECTION OF FLOW AND SEALED W/ FOIL FACED DUCT TAPE.

AHU DET.
SCALE: 3/16" = 1'-0"

- HVAC SYSTEM OPERATION:**
- HVAC SYSTEM SHALL BE OPERATED VIA A DUAL CIRCUIT PROGRAMMABLE THERMOSTAT AND SHALL HAVE THE FOLLOWING CAPABILITIES:
- ALTERNATING SINGLE SYSTEM OPERATION
 - SIMULTANEOUS DUAL SYSTEM OPERATION

DIFFUSER SCHEDULE N#1: SYB. 1-2, 3-4

MK	CFM	SIZE	PATTERN	LOCATION
ID1	240 CFM	14X14	3W	CEILING
ID2	220 CFM	14X14	4W	CEILING
IR1	4000 CFM	24X48	-	WALL

DIFFUSER SCHEDULE N#2: SYB. 5

MK	CFM	SIZE	PATTERN	LOCATION
2D1	40 CFM	6X6	4W	CEILING
2D2	120 CFM	10X10	4W	CEILING
2D3	135 CFM	10X10	4W	CEILING
2D4	215 CFM	14X14	4W	CEILING
2R1	1200 CFM	24X24	-	CEILING

DIFFUSER SCHEDULE N#2: SYB. 6

MK	CFM	SIZE	PATTERN	LOCATION
3D1	40 CFM	6X6	3W	CEILING
3D2	80 CFM	6X6	3W	CEILING
3D3	200 CFM	12X12	4W	CEILING
3D4	240 CFM	14X14	4W	CEILING
3R1	1400 CFM	24X24	-	CEILING

