BUILDING ADDITION PLANS
FOR
PINE GROVE BAPTIST CHURCH

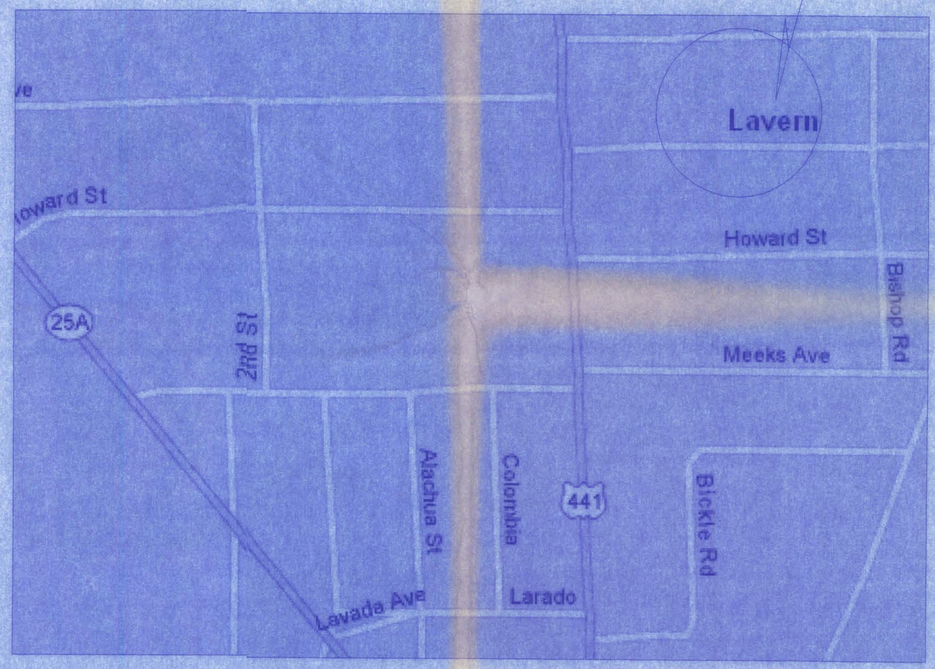
1198 N US HWY 441
LAKE CITY, FLORIDA

SITE DATA

APPLICABLE CODES:
2004 FLORIDA BUILDING CODE, BUILDING
2004 FLORIDA BUILDING CODE, FUEL GAS
2004 FLORIDA BUILDING CODE, MECHANICAL
2004 FLORIDA BUILDING CODE, PLUMBING
2004 FLORIDA FIRE PREVETION CODE
2002 NATIONAL ELECTRIC CODE.

INDEX OF SHEETS

SHEET	DESCRIPTION
SP-1	SITE PLAN
A-1	GENERAL NOTES
A-2	DEMOLITION PLAN
A-3	FLOOR PLAN
A-4	ELEVATIONS
A-5	FOUNDATION PLAN
A-6	ROOF PLAN
A-7	ELECTRICAL PLAN
A-8	HVAC LAYOUT
A-9	PLUMBING PLAN
A-10	ELECTRICAL DETAILS
A-11	TYPICAL DETAILS
C-1	GROSS SECTION



LOCATION MAP

PLANS PREPARED FOR:

PINE GROVE BAPTIST CHURCH,
1198 N US HWY 441
LAKE CITY, FLORIDA
32055
PROJECT NO: 05.C022

PLANS PREPARED BY:

Freeman Design Group
161 N.W. MADISON STREET
SUITE 210
LAKE CITY, FL. 32055
(386)758-4209

APPROVED
(Subject to Revisions)
Inspection Department
Lake City Fire Dept.
State Fire Inspector
License # 48544
By Carolton Tennant Date 7/13/06

7/13/06

OFFICE COPY

GENERAL NOTES

DESIGN CRITERIA

D1 ALL WORK SHALL CONFORM TO AT LEAST THE MINIMUM STANDARD OF THE FOLLOWING CODES:
2004 FLORIDA BUILDING CODE, BUILDING
2004 FLORIDA BUILDING CODE, FUEL GAS
2004 FLORIDA BUILDING CODE, MECHANICAL
2004 FLORIDA BUILDING CODE, PLUMBING
2004 FLORIDA FIRE PREVENTION CODE
2002 NATIONAL ELECTRIC CODE.

D2 DESIGN LOAD VALUES:

ROOF LIVE LOADS	20 PSF
ASSUMED ALLOWABLE SOIL BEARING CAPACITY	2000 PSF

D3 THE STRUCTURAL PLANS AND WIND SPEED HAVE BEEN DESIGNED IN ACCORDANCE WITH SECTION 1609 OF THE FLORIDA BUILDING CODE 2004 EDITION.

GENERAL

G1 THE GENERAL CONTRACTOR SHALL REVIEW AND DETERMINE THAT DIMENSIONS ARE COORDINATED BETWEEN ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO FABRICATION OR START OF CONSTRUCTION.

G2 THE GENERAL CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTUE, THE WORK PERSONS, AND OTHER PEOPLE DURING CONSTRUCTION. HE SHALL SUPERVISE AND DIRECT THE WORK AND BE RESPONSIBLE FOR ALL CONSTRUCTION & FOR ALL JOBSITE SAFETY.

G3 NO STRUCTURAL MEMBER SHALL BE CUTNOTCHED OR OTHERWISE REDUCED IN STRENGTH.

G4 THE GENERAL CONTRACTOR SHALL COODINATE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWING FOR ANCHORED, EMBEDDED AND SUPPORTED ITEMS WHICH AFFECT THE STRUCTURAL DRAWINGS AND NOTIFY THE ARCHITECT/ENGINEER ON ANY DISCREPANCIES

G5 ANY SUBMITTALS RECEIVED BY A/E THAT HAVE NOT BEEN CHECKED BY THE GC AND HIS SUBCONTRACTOR SHALL BE RETURNED WITHOUT REVIEW.

G6 ALL SECTIONS AND DETAILS SHALL BE CONSTRUED TO BE TYPICAL OR SIMILAR UNLESS ANOTHER SCTION OR DETAIL IS NOTED.

G7 THE CONTRACTOR IS SOLELY RESPONSILE FOR VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, ANDDIMENSIONS PRIOR TO COMMENCING CONSTRUCTION, INCLUDING FABRICATION. ALL DISCREPANCIES SHALL BE REPORTED TOTHE A/E FOR RESOLUTION.

FOUNDATIONS

F1 A GEOTECHNICAL REPORT FOR THIS PROJECT WAS NOT PROVIDED BY THE OWNER. THESE PLANS ARE BASED UPON AN ASSUED ALLOWABLE BEARING CAPACITY OF 2000 PSF. THE CONTRACTOR SHALL ENGAGE A QUALIFIED AND CERTIFIED GEOTECHNICAL ENGINEER TO DETERMIN THE ALLOWABLE SOIL BEARING CAPACITY. A COPY OF THE REPORT SHALL BE PROVIED TO THE A/E. IF THE DETERMINED ALLOWABLE BEARING CAPACITY IS LESS THAN THE ASSUMED VALUE, MODIFICATIONS TO THE FOUNDATIONS MAY BE REQUIRED.

F2 THE GEOTECHNICAL ENGINEER SHALL MAKE A FIELD INVESTIGATION TO DETERMINE IF ANY SOIL CONDITIONS ARE PRESENT THAT MAY ADVERSELY AFFECT THE PROJECT. THE CONTRACTOR SHALL REMOVE ALL SUCH MATERIAL AND REPLACE IT WITH APPROVED FILL.

F3 SUBGRADE UNDER FOOTINGS AND SLABSSHALL BE COMPACTED TO AT LEAST 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557). SUBMIT DENSITY TESTS TO THE A/E.

SLABS ON GRADE

S1 PROVIDE 6 MIL POLYETHYLENE SHEETING UNDER ALL SLABS ON GRADE.

S2 PROVIDE CONTROL JOINTS (1/4" WIDE B\3/8" DEEP) AS INDICATED ON PLAN. FILL JOINTS WITH POURED RUBBR. IF JOINTS ARE SAWCUT, SAWCUTTING MUST BE DONE THE SAMEDAY THE CONCRETE IS PLACED.

S3 PROVIDE 1/2" EXPANSION JOINTS AT ALLOCATIONS WHERE SLABS ABUT STRUCTURES (WALLS, COLUMNS, ITC.)

CONCRETE AND REINFORCING

C1 THE GENERAL CONTRACTOR SHALL ENGAGE A CERTIFIED TESTING AGENCY TO PERFORM INDUSTRY STANDARD TESTING TO ENSURE CONFORMANCE WITH PLANS. SUBMIT REPORTS TO A/E.

C2 CONCRETE WORK & MIX DESIGN SHALL CONFORM TO ACI 301 (LATEST EDITION) "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS". MIXING SHALL BE IN ACCORDANCE WITH ASTM C94

C3 MINIMUM 28-DAY COMPRESSIVE STRENGTH:

FOOTINGS AND TIE BEAMS	2,500 PSI
COLUMNS AND SLABS	2,500 PSI

C4 SPLICES OF REINFORCING (EXCEPT AS SHOWN ON PLANS)

#4 BARS	20 INCHES
#5 BARS	27 INCHES
WELDED WIRE MESH:	6"

C5 AT ALL CORNERS OF TIE BEAMS AND WALL FOOTINGS, PROVIDE CORNER BARS (30 INCH MINIMUM LEGS) TO MATCH HORIZONTAL BARS.

C6 REINFORCING BARS SHALL CONFORM TO ASTM A615-96a GRADE 40. WELDED WIRE MESH SHALL CONFORM TO ASTM A-185. LAP WELDED WIRE MESH ON MESH + 2" WHERE SPLICED.

C7 MINIMUM COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHEWISE NOTED.

LOCATION	MIN. COVER
BOTTOM OF FOOTINGS	3"
SIDES OF FOOTINGS	3"
COLUMNS	1 1/2"
TIE BEAMS	1 1/2"
SLABS	AS NOTED

STRUCTURAL STEEL

S1 GENERAL CONTRACTOR SHALL ENGAGE A CERTIFIED TESTING AGENCY TO PERFORM INDUSTRY STANDARD INSPECTIONS TO ENSURE CONFORMANCE WITH PLANS. SUBMIT REPORT TO A/E.

S2 STEEL WORK SHALL CONFORM TO THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL BUILDINGS", LATEST EDITION.

S3 MATERIAL

BEAMS & CHANNELS	ASTM A572, GRADE 50
STEEL TUBING	ASTM A500, GRADE B
PLATES	ASTM A36
BOLTS	ASTM A325
ANCHOR BOLTS	ASTM A36 THREADED ROD - 6" MIN. EMBEDMENT WITH 2" HOOK
EXPANSION ANCHORS	RAMSET/REDHEAD TRUBOLT OR APPROVED EQUIVALENT
NON-SHRINK GROUT	5000 PSI

S4 BRACE AND MAINTAIN ALL STEEL IN ALIGNMENT UNTIL OTHER PARTS OF CONSTRUCTION NECESSARY FOR PERMANENT SUPPORT ARE COMPLETED. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING TEMPORARY SHORING AS REQUIRED FOR THE STABILITY OF THE STEEL FRAME UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN COMPLETED AND BUILDING IS ENCLOSED.

S5 ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF "THE STANDARD CODE FOR WELDING IN BUILDING CONSTRUCTION: OF THE AMERICAN WELDING SOCIETY. WELDING ELECTRODES SHALL BE E70XX-LOW HYDROGEN FOR SHIELD AND METAL ARC WELDING.

S6 PROVIDE NUT & WASHER FOR ALL BOLTS AND ANCHOR BOLTS

S7 ALL WELDED CONNECTIONS SHALL BE 1/4 " FILLET ALL AROUND, UNO. ALL BOLTED CONNECTIONS SHALL BE 1/2 " DIA. A325 BOLTS, UNO.

LIGHT GAGE FRAMING:

LG-1 ALL LIGHT GAGE FRAMING SHALL BE DESIGNED IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE (AISI) SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS.

LG-2 ALL FRAMING MEMEBERS SHALL BE FORMED FROM STEEL WITH A MINIMUM YIELD STRENGTH OF 40 KSI.

LG-3 ALL FRAMING SHALL BE GALVANIZED.

LG-4 ALL CONNECTIONS SHALL BE SCREWED OR WELEDED. USE A MINIMUM OF 3-#12 SCREWS AT CONNECTION. POWER DRIVEN FASTENERS ARE NOT ACCEPTABLE FOR ANY STRUCTURAL APPLICATIONS UNLESS THEY COMPLETELY PENETRATE THE STRUCTURAL STEEL.

LG-5 ALL WELDS SHALL BE TOUCHED UP WITH A ZINC-RICH PAINT.

MASONRY:

M1 MASONRY CONSTRUCTION SHALL CONFORM TO ACI STANDARD BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (ACI 530-88/ASCE 5-88) AND SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1-88/ASCE 6-88)

NOTE:
ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION, AND IN ACCORDANCE WITH ASCE-7

BASIC WIND SPEED		110 MPH
IMPORTANCE FACTOR		1.0
BUILDING CATEGORY		2
EXPOSURE		B
INTERNAL PRESSURE COEFFICIENT		+/- 0.18
COMPONENT AND CLADDING PRESSURE	WALLS	+21.8/-29.1 PSF
	ROOF	+12.5/-29.1 PSF
	OVERHANGS	-71.6 PSF
TYPE OF STRUCTURE		ENCLOSED
ROOF DEAD LOAD		10 psf
ROOF LIVE LOAD		20 psf
FLOOR DEAD LOAD		20 psf
FLOOR LIVE LOAD		100 psf

NOTE: CEILING HEIGHT IN BATHROOMS SHALL BE NOT LESS THAN 7'-0"

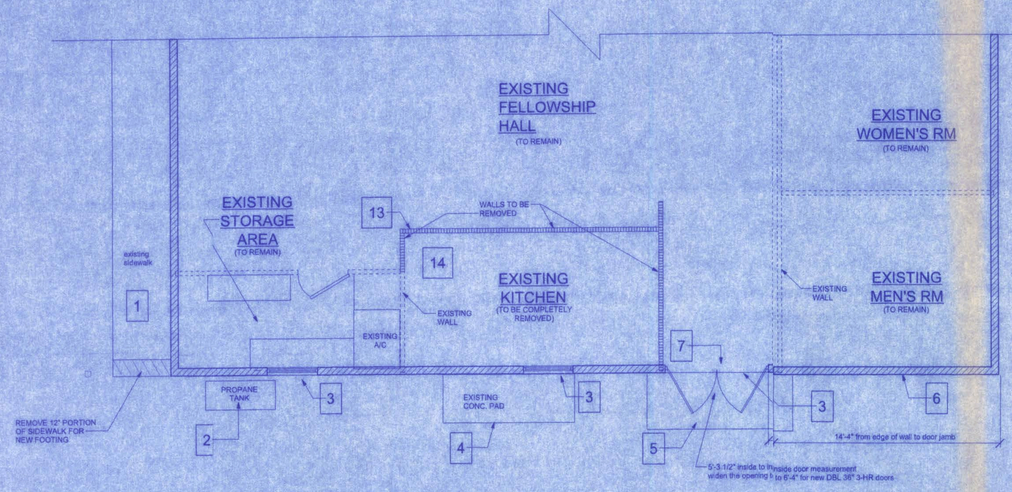
NOTE:
provide a readily visible sign on or adjacent to all egress doors stating: THIS EXIT TO REMAIN UNLOCKED WHEN THIS BUILDING IS OCCUPIED. the sign shall have 1" lettering with contrasting background.

PINE GROVE
BAPTIST CHURCH

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00008701

Freeman Design Group inc

DATE 7/11/05	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET	A-1
OF	11
PROJECT NO.	06.C006

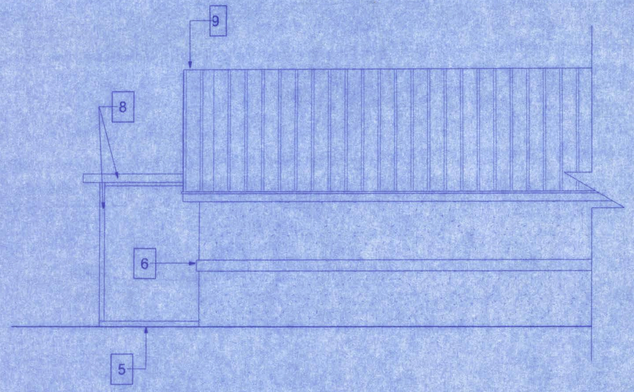


1ST FLOOR LAYOUT

SCALE: 3/8" = 1'-0"

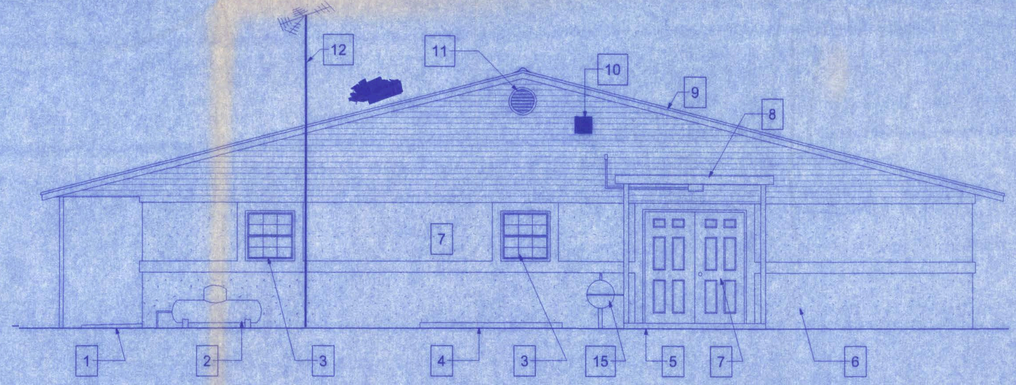
DEMOLITION NOTES:

1. EXISTING CONCRETE SIDEWALK TO REMAIN.
2. EXISTING PROPANE TANK & LINE TO BE REMOVED.
3. EXISTING WINDOWS TO BE REMOVED AND OPENINGS CLOSED.
4. EXISTING CONCRETE PAD TO BE REMOVED.
5. EXISTING CONCRETE STOOP TO BE REMOVED.
6. EXTERIOR ALONG EXISTING WALL TO BE REMOVED.
7. EXISTING DOORS TO BE REMOVED; OPENING TO BE WIDENED (TOWARDS THE SOUTH) TO 6'-4" TO ACCOMODATE NEW DBL 3068 3-HR FIRE-RATED DOORS.
8. EXISTING COVER AND FRAMEWORK OVER AND ELECTRICAL CONDUIT LEADING TO STOOP TO BE REMOVED.
9. EXISTING ROOF OVERHANG TO BE REMOVED ALONG GABLE END & THE NEW ROOF WILL BE TIED INTO THE EXISITING.
10. ALL ELECTRICAL AND/OR PLUMBING FIXTURES LOCATED OUTSIDE TO BE REMOVED AND/OR REROUTED.
11. EXSITING GABLE END VENT TO BE REMOVED AND RELOCATED IN GABLE END OF NEW ADDITION.
12. EXISTING ANTENNEA TO BE REMOVED AND RELOCATED; LOCATION TO BE ESTABLISHED BY PINE GROVE BAPTIST CHURCH IN COORDINATION WITH THE CONTRACTOR.
13. EXISTING KITCHEN WALL TO BE REMOVED.
14. ALL KITCHEN APPLIANCES, SINKS, COUNTERTOPS & CABINETS TO BE REMOVED AND MAY BE UTILIZED IN KITCHEN OF NEW FELLOWSHIP HALL.
15. EXISTING B-B-Q GRILL TO BE REMOVED PRIOR TO COMMENCEMENT OF CONSTRUCTION.



EXISTING SIDE ELEVATION

SCALE: 3/8" = 1'-0"



EXISTING EAST ELEVATION

SCALE: 3/8" = 1'-0"

DEMOLITION PLAN

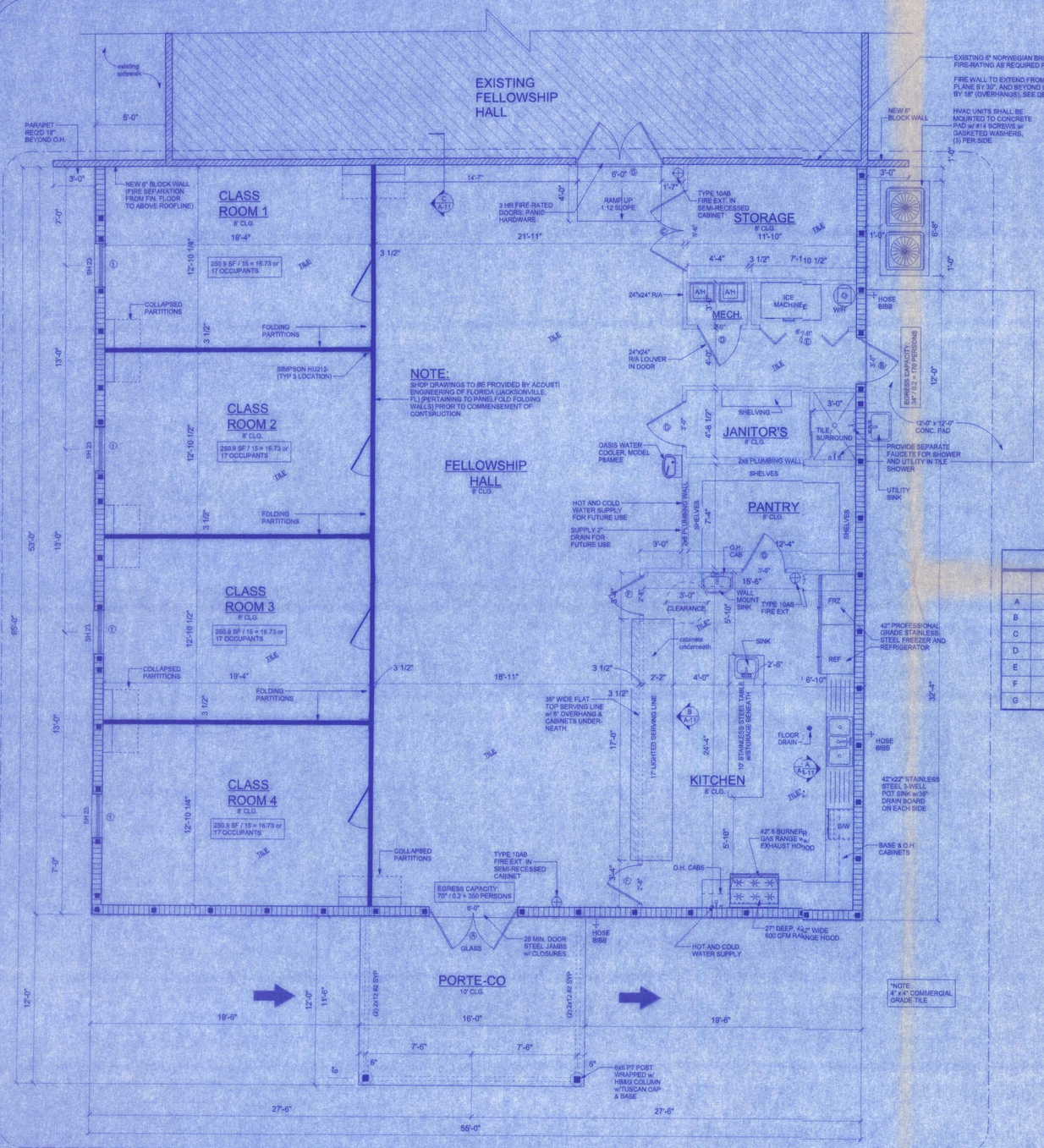
SCALE: 3/8" = 1'-0"

PINE GROVE BAPTIST CHURCH

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00008101

Freeman Design Group INC

DATE 7/11/06	DRAWN BY J.T.D
	APPROVED W.H.F.
REVISIONS	
SHEET	A-2
OF	11
PROJECT NO.	05.C006



ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
rafters having slopes greater than 2/12 with no finished ceiling attached to rafters	L/180
interior walls and partitions	H/180
floors and plastered ceilings	L/360
all other structural members	L/240
exterior walls with plaster or stucco finish	H/360
exterior walls - wind loads with brittle finishes	L/240
exterior walls - wind loads with flexible finishes	L/120

BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED.

BUILDING GROUP OCCUPANCY	GROUP A-3
TABLE 500 TYPE OF CONSTRUCTION	TYPE III B
TABLE 500 AREA/HEIGHT LIMITATIONS	9.5 KSF/2 STORY
OCCUPANCY: ASSEMBLY w/o FIXED SEATING: 1:15SF GROSS 2,824 SF / 15 = 194.9	195 OCCUPANTS

NEW WINDOW SCHEDULE

NO.	CALL SIZE	WINDOW SIZE WIDTH	WINDOW SIZE HEIGHT	MATERIAL FRAME	MATERIAL GLASS	QUANTITY PER OPENING	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT	WIND PRESS. @ EA. WINDOW	REMARKS
①	23	37"	38"	ALUM.	DOUBLE PANE	1	39 1/4"	41 1/4"	* A4 PSF -52 PSF	PRODUCT CONTROL DATA ATTACHED

NOTES:
1- GENERAL CONTRACTOR SHALL VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO COMMENCEMENT OF WORK.
2- ALL NEW WINDOWS AS PER WINDOW SCHEDULE SHALL BE IMPACT RESISTANT, SEE ATTACHED PRODUCT CONTROL APPROVAL.

NEW DOOR SCHEDULE

	LOCATION	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICK	TYPE	MATERIAL DOOR	MATERIAL FRAME	FIRE RATING	FINISH	LOCKS	REMARKS
A	EAST ENTRY, EXTERIOR	6'-0"	6'-8"	1 3/4"		GLASS	METAL	20 MIN	PAINT	ENTRY LOCK DEAD BOLT	SELF-CLOSING
B	NORTH ENTRY, EXTERIOR	3'-0"	6'-8"	1 3/4"	-	STEEL	METAL	20 MIN	PAINT	ENTRY LOCK DEAD BOLT	SELF-CLOSING
C	STORAGE AREA	5'-6"	6'-8"	1 3/4"	-	STEEL	METAL	20 MIN	PAINT	PRIVACY	SELF-CLOSING
D	JANITOR'S, PANTRY	3'-0"	6'-8"	1 3/8"	-	SC BIRCH	METAL		PAINT	PRIVACY	6-PANEL
E	MECHANICAL	6'-0"	6'-8"	1 3/8"	-	SC BIRCH	METAL		PAINT		BI-FOLD
F	KITCHEN	2'-8"	6'-8"	1 3/8"	-	SC BIRCH	METAL		PAINT	PRIVACY	6-PANEL
G	FIREWALL	6'-0"	6'-8"	1 3/4"	-	STEEL	METAL	3 HR	PAINT	PRIVACY	SELF-CLOSING; PANIC H/W

NOTE:
EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AND BEAR AN AAMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT EVALUATION ENTITY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION.

ANSI/AAMA/NWWDA 101/I.S2 2-97

THE CONSTRUCTION SHALL BE TESTED IN ACCORDANCE WITH ASTM E 330, STANDARD TEST METHODS FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS BY UNIFORM STATIC AIR PRESSURE.

NEW FLOOR PLAN

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

NEW AREA:	
NEW MAINFLOOR:	2,924 SF
PORTE-CO:	192 SF
ADDITION TOTAL:	3,116 SF

NOTE:
provide a readily visible sign on or adjacent to all egress doors stating: THIS EXIT TO REMAIN UNLOCKED WHEN THIS BUILDING IS OCCUPIED. the sign shall have 1" lettering with contrasting background.

NOTE:
PERMANENT IDENTIFICATION SHALL BE PROVIDED IN CONCEALED SPACES OR ABOVE DECORATIVE CEILINGS WITH SUGGESTED WORDING, "FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS".

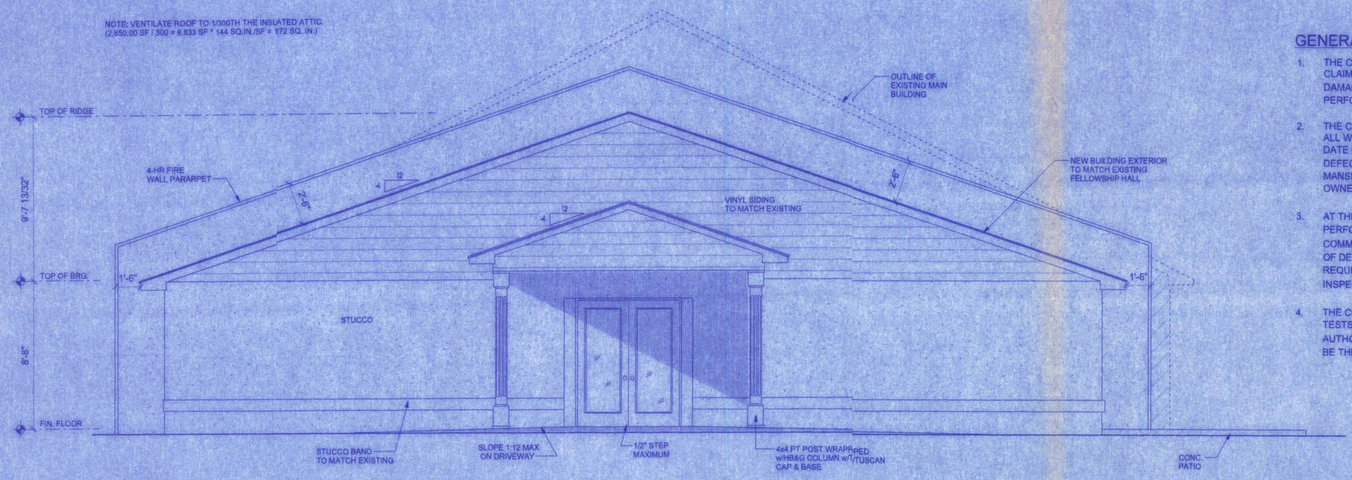
PINE GROVE BAPTIST CHURCH

7/2006

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00008701
Freeman Design Group Inc

D/TE 7/11/06	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET	A-3
OF	11
PROJECT NO.	06.C006

NOTE: VENTILATE ROOF TO 1/300TH THE INSULATED ATTIC.
(2,850.00 SF / 300 = 8.833 SF * 144 SQ.IN./SF = 272 SQ. IN.)



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

GENERAL NOTES:

1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FORM 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 WORK DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK-MANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE 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, CONTACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
7. ALL WORK SHALL BE IN ACCORDANCE WITH 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 LABELS LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
9. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.

CONSTRUCTION DCUMENTS:

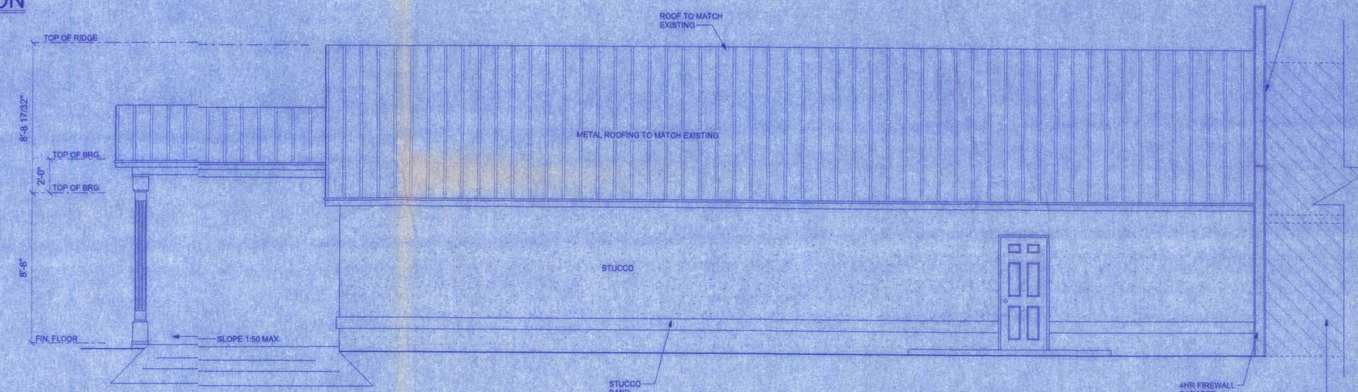
THE CUSTOMER IS RESPONSIBLE FOR ELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE CRMIT ISSUING AUTHORITY FOR THE ISSUANCE OF CONSTRUCTION PERMIT. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR REVIEWING THE PLNS AND VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENIONS PRIOR TO COMMENCING CONSTRUCTION INCLUDING FABRICATIN. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT/ENINEER FOR RESOLUTION.

DO NOT SCALE THESE PLANS:

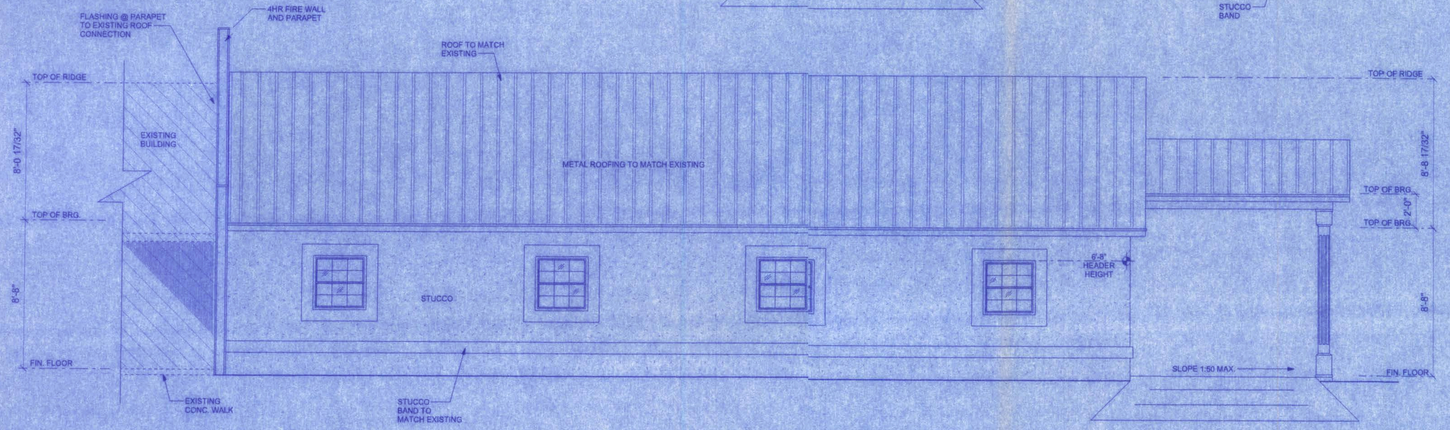
AMPLE DIMENSIONS ARE SHOWN ON TE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMATIC MAY BE USED TO ETERMINE THE LOCATION OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO PLANSETS:

PLEASE DO NOT MAKE ANY STRUCTURL CHANGES TO THES PLANS WITHOUT CONSULTING WITH THE ARCHITECT/ENINEER. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DMAGE REBUILTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION O MATERIALS DIFFERENT FROM SPECIFICATIONS ON THE PLANS.



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



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

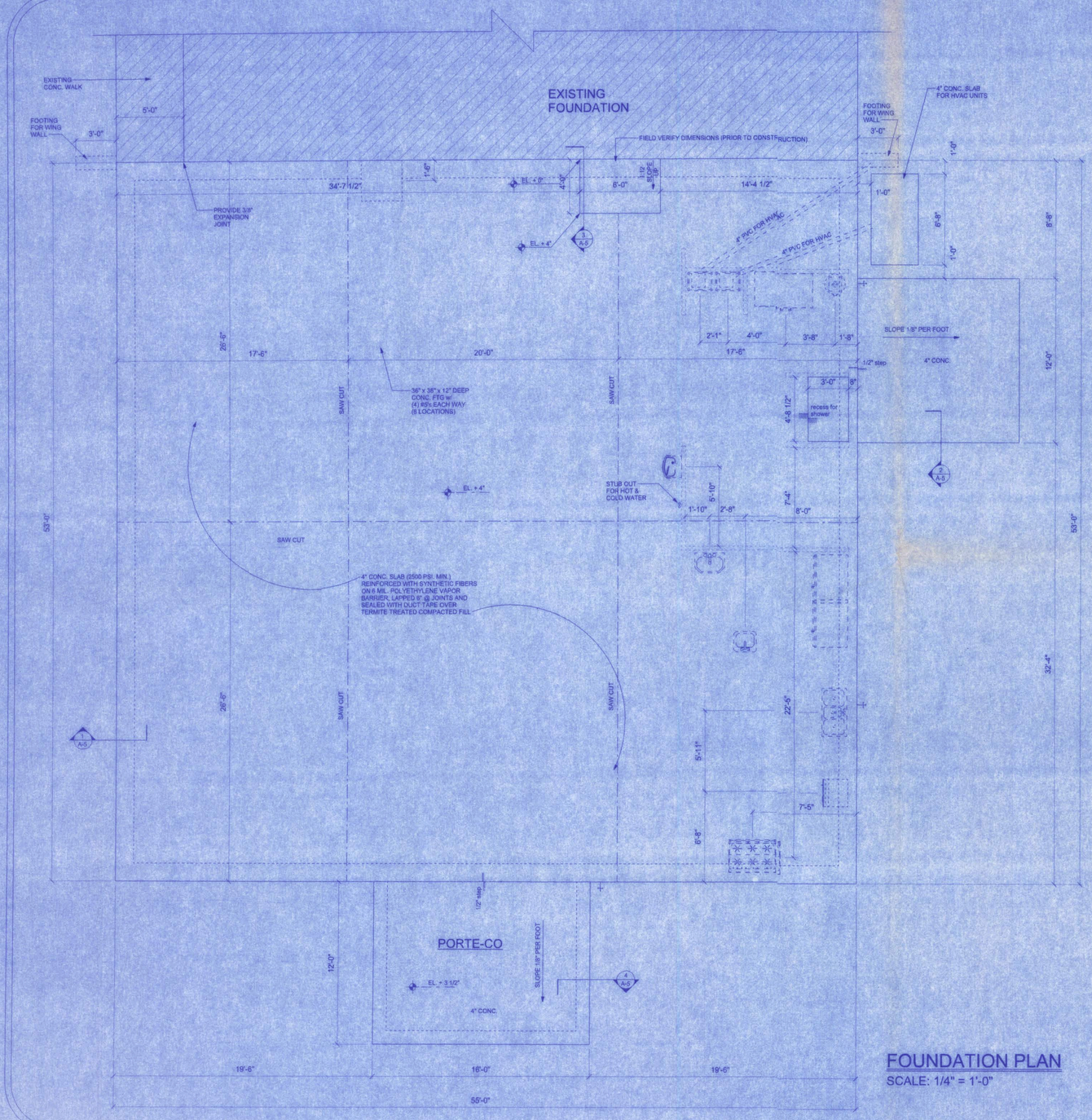
NOTE:
THE RIDGE HEIGHT IS GIVEN FOR MEAN ROOF HEIGHT DETERMINATION ONLY. DO NOT USE THIS DIMENSION FOR ROOF CONSTRUCTION.

PINE GROVE BAPTIST CHURCH

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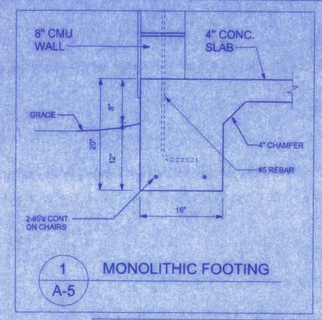
Freeman Design Group inc

DATE 7/11/06	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET A-4	
OF 11	
PROJECT NO. 06.C006	

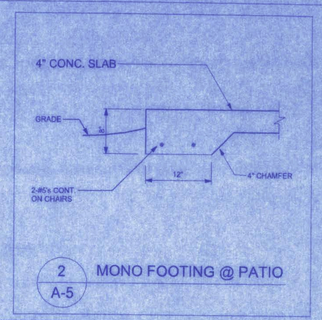


FOUNDATION PLAN

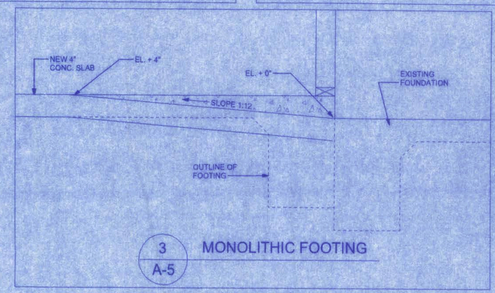
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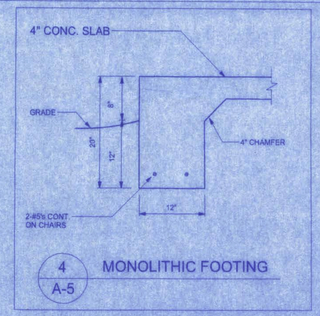
1 A-5 MONOLITHIC FOOTING



2 A-5 MONO FOOTING @ PATIO



3 A-5 MONOLITHIC FOOTING



4 A-5 MONOLITHIC FOOTING

BEARING CAPACITY:
THE FOOTING IS DESIGNED FOR SOIL WITH AN ALLOWABLE BEARING CAPACITY OF 2,000 PSF. THE FOOTINGS SHALL REST ON UNDISTURBED OR COMPACTED SOIL OF UNIFORM DENSITY AND THICKNESS. AT THE OWNER'S REQUEST, COMPACTED SOILS SHALL BE TESTED TO A MINIMUM OF 95% OF MODIFIED PROCTOR AND COMPACTED IN LIFTS NOT TO EXCEED 12 INCHES.

FOUNDATION NOTES:

CONCRETE:
CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.

REINFORCING STEEL:
THE REINFORCING STEEL SHALL BE MINIMUM GRADE 40.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:
1. ALL REINFORCEMENT IS BENT COLD.
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS AND
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.
EXCEPTION: WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONRETE SHALL BE PERMITTED TO BE BENT AT A SLOPE OF NOT MORE THAN 1 INCH OF HORIZONTAL DISPLACEMENT TO 6 INCHES OF VERTICAL BAR LENGTH.

COVER OVER REINFORCING STEEL
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFROCING BARS SHALL BE:
3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER AND 1 1/2 INCHES ELSEWHERE. REINFORCING BARS EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1/4 INCH FOR FINE GROUT OR 1/2 INCH FOR COARSE GROUT BETWEEN REINFORCING BARS AND ANY FACE OF A CELL. REINFORCING BARS USED IN MASONRY WALLS SHALL HAVE A MASONRY COVER (INCLUDING GROUT) OF NOT LESS THAN
2 INCHES FOR MASONRY UNITS WITH FACE EXPOSED TO EARTH OR WEATHER
1 1/2 INCHES FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER

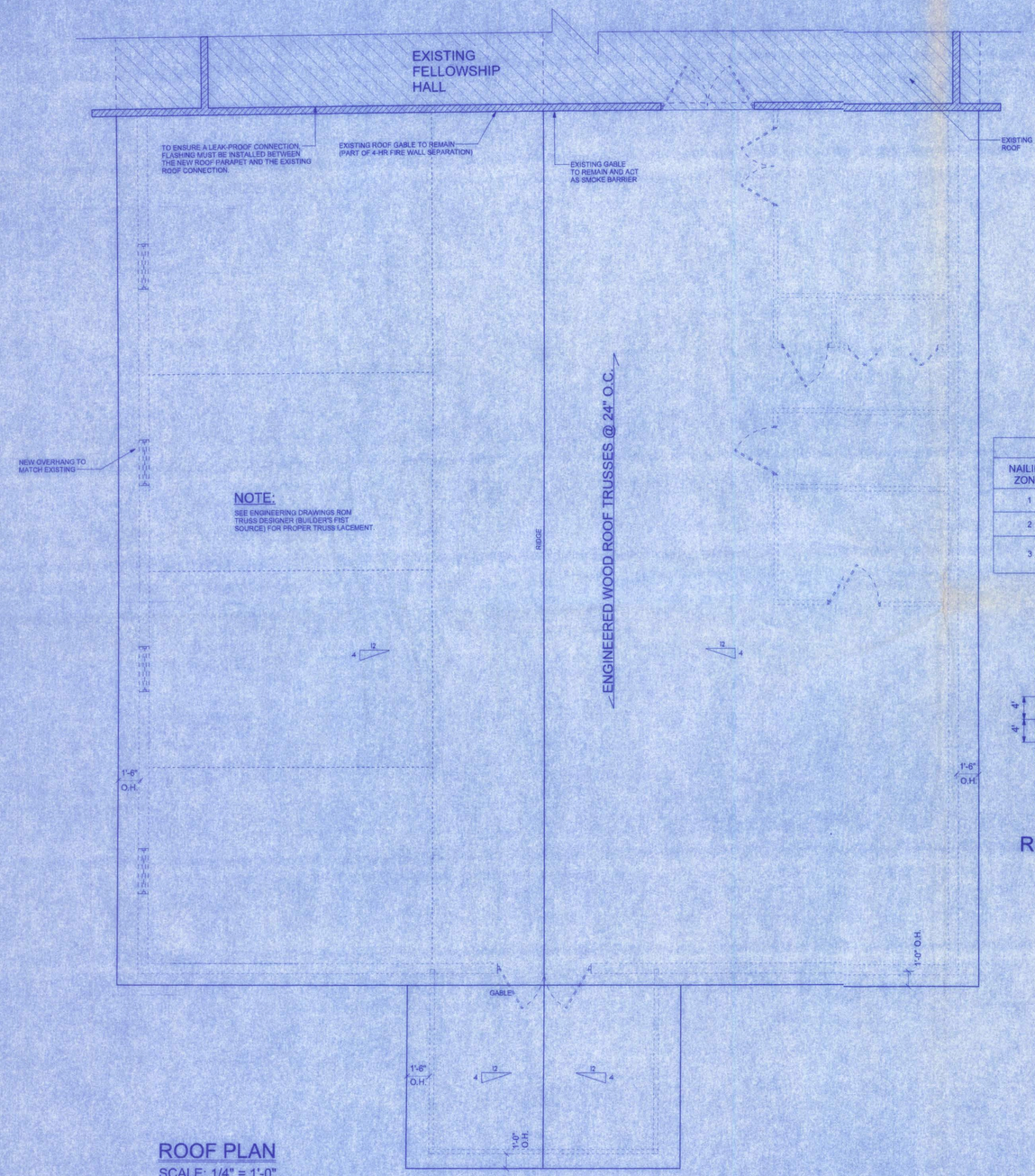
GALVANIZATION:
METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS AND NAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.

PINE GROVE BAPTIST CHURCH

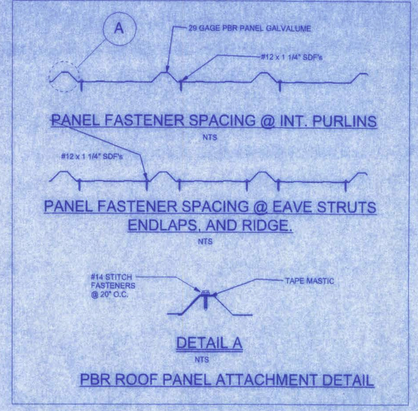
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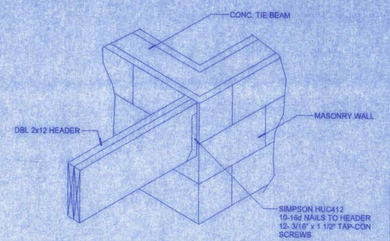
DATE 7/11/06	DRAWN BY J.T.D.
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ROOF PLAN
SCALE: 1/4" = 1'-0"



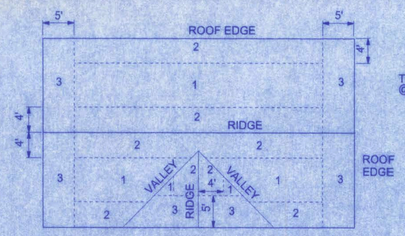
PBR ROOF PANEL ATTACHMENT DETAIL



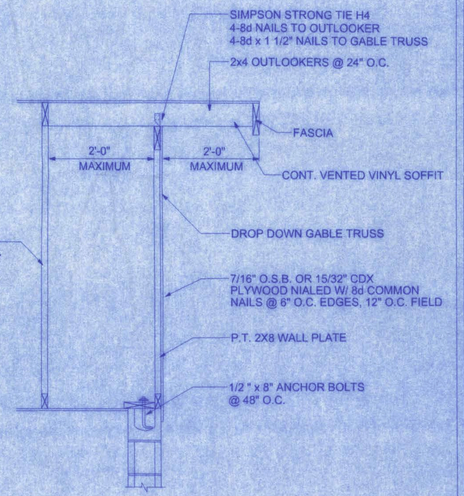
BEAM/WALL CONNECTION
TO MASONRY/CMU WALL

ROOF SHEATHING FASTENINGS

NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	15/32 CDX	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2			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)



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

CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE

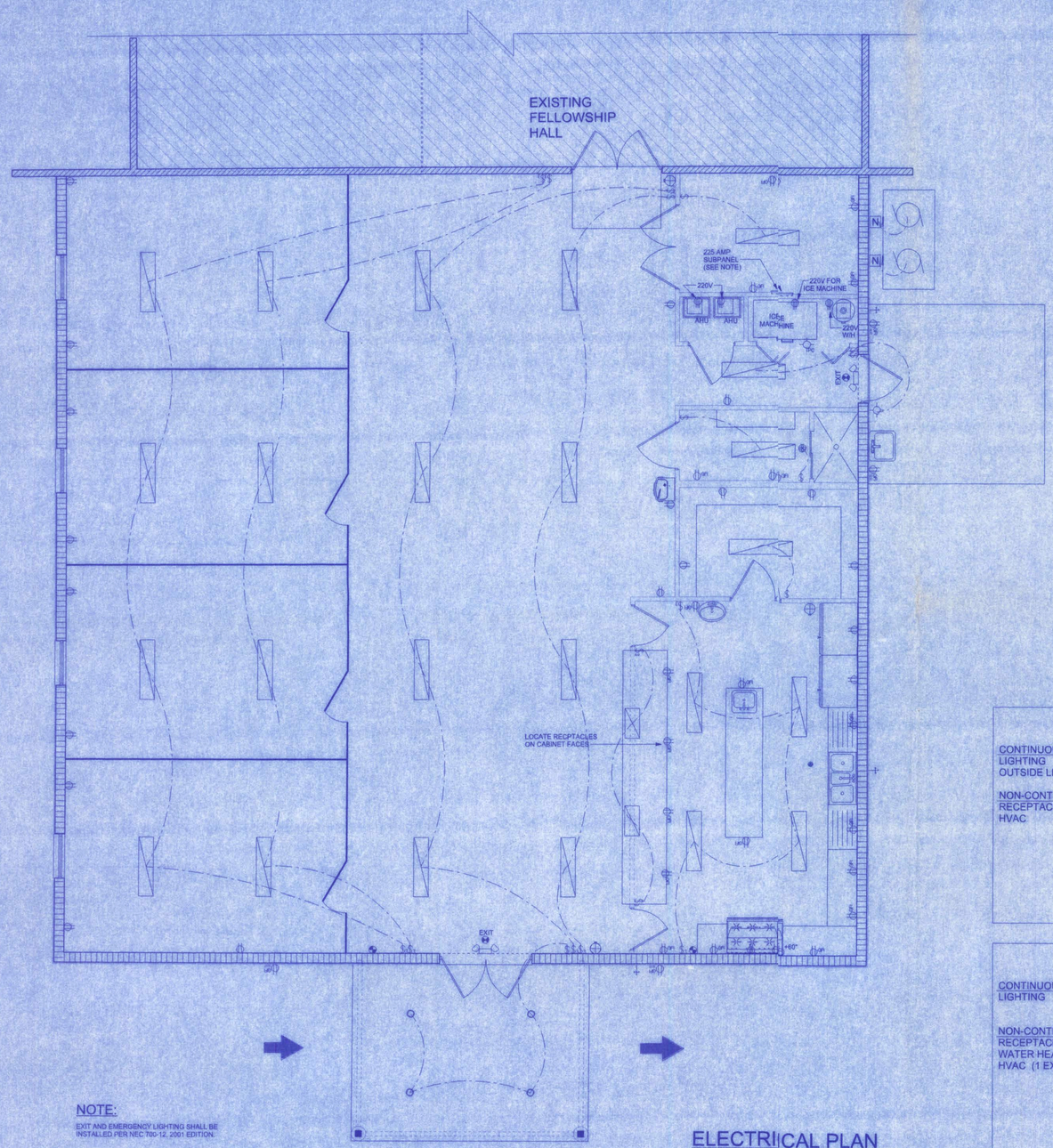
CONNECTOR	1 PLY-TRUSS	2 PLY-TRUSS	EMBEDMENT	UPLIFT PROVIDED	MANUFACTURER
HETA20	10-10d NAILS		4"	1,280 LBS	SIMPSON
HETA20		11-16d NAILS	4"	1,890 LBS	SIMPSON
	TRUSS B2 AND C3		TIE BEAM		
MGT	22-10d NAILS		1-5/8"x10" ANCHOR BOLT	3,985 LBS	SIMPSON
LGT2	18-16d SINKER		7- 1/4 x 2 1/4 TITEN	2,150 LBS	SIMPSON

NOTE: COMBINE BOTH THE SIMPSON MGT AND LGT2 ON TRUSSES B2 AND C3

PINE GROVE BAPTIST CHURCH

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Freeman Design Group INC

DATE: 7/1/06
DRAWN BY: J.T.D.
APPROVED: W.H.F.
REVISIONS
SHEET: A-6
OF: 11
PROJECT NO.: 06.C006



NOTE:

EXIT AND EMERGENCY LIGHTING SHALL BE INSTALLED PER NEC 700-12, 2001 EDITION.

ELECTRICAL PLAN

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

ELECTRICAL	SYMBOL
fluorescent fixture	
pot light	
electric motor	
electrical panel	
emergency light	
exit	
fire extinguisher	
meter can	
non-fused disconnect	N
50 cfm exhaust fan	
light	
outlet	
outlet 220v	
outlet gfi	
pull chain light	
smoke detector	
switch	$
switch 3 way	$3
weatherproof gfi	

LOAD CALCULATIONS (PANEL A):

	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
CONTINUOUS			
LIGHTING	4,500 VA	1.25	5,625 VA
OUTSIDE LIGHTING	1,500 VA	1.25	1,875 VA
		CONT. TOTAL:	7,500 VA
NON-CONTINUOUS			
RECEPTACLES	3,000 VA	1.0	3,000 VA
HVAC	36,000 VA	1.0	36,000 VA
		NON-CONT. TOTAL:	39,000 VA
		(CONT. + NON-CONT.) OVERALL TOTAL:	46,500 VA
		@ 120/240 1 PHASE	193.75 AMPS
		PROVIDED SERVICE	200 AMPS

LOAD CALCULATIONS (PANEL B):

	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
CONTINUOUS			
LIGHTING	9,000 VA	1.25	11,250 VA
		CONT. TOTAL:	11,250 VA
NON-CONTINUOUS			
RECEPTACLES	6,000 VA	1.0	6,000 VA
WATER HEATER	4,500 VA	1.0	4,500 VA
HVAC (1 EXISTING)	18,000 VA	1.0	18,000 VA
		NON-CONT. TOTAL:	28,500 VA
		(CONT. + NON-CONT.) OVERALL TOTAL:	39,750 VA
		@ 120/240 1 PHASE	165.63 AMPS
		PROVIDED SERVICE	200 AMPS

LIFE SAFETY NOTES

ALL EXIT AND EMERGENCY LIGHTING SHALL BE INSTALLED PER NEC 700-12, 2001 EDITION.

ACCESS TO EXITS SHALL BE MARKED BY APPROVED READILY VISIBLE SIGNS IN ALL CASES WHERE THE EXIT OR WAY TO REACH THE EXIT IS NOT READILY APPARENT TO THE OCCUPANTS. SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN THE EXIT ACCESS CORRIDOR IS MORE THAN 100 FT FROM THE NEAREST EXTERNALLY ILLUMINATED SIGN AND IS NOT IN EXCESS OT THE MARKED RATING FOR INTERNALLY ILLUMINATED SIGNS.

ALL FIRE EXTINGUISHERS SHALL BE TYPE 10AB AND SHALL BE LOCATED SO THAT NO POINT IN THE DIRECTION OF TRAVEL FROM ANY POINT IS MORE THAN 75 FT TO THE FIRE EXTINGUISHER.

NOTE:

ALL BRANCH CIRCUITS THAT SUPPLY 125-VOLT, SINGLE PHASE, 15 AND 20 AMP OUTLETS INSTALLED IN DWELLING UNIT BEDROOMS SHALL BE PROTECTED BY AN ARC FAULT CIRCUIT INTERRUPTER LISTED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.

ELECTRICAL PLAN NOTES

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

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

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

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

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.

ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDNS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS. IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

ELECTRICAL NOTES:

1. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES.

2. OPTIONAL SECURITY LIGHT SWITCH LOCATIONS TO BE MADE DURING CONSTRUCTION.

3. PREWIRE LOW VOLTAGE CONTROL WIRING FOR ELECTRIC GARAGE DOOR OPENERS.

4. PROVIDE WIRING AS REQUIRED FOR AIR CONDITIONING, HEATING, AND WATER HEATING EQUIPMENT.

NOTE:
ALL SMOKE DETECTORS TO BE WIRED TOGETHER TO ACTUATE ALL ALARMS IF ANY ONE UNIT IS ACTUATED.

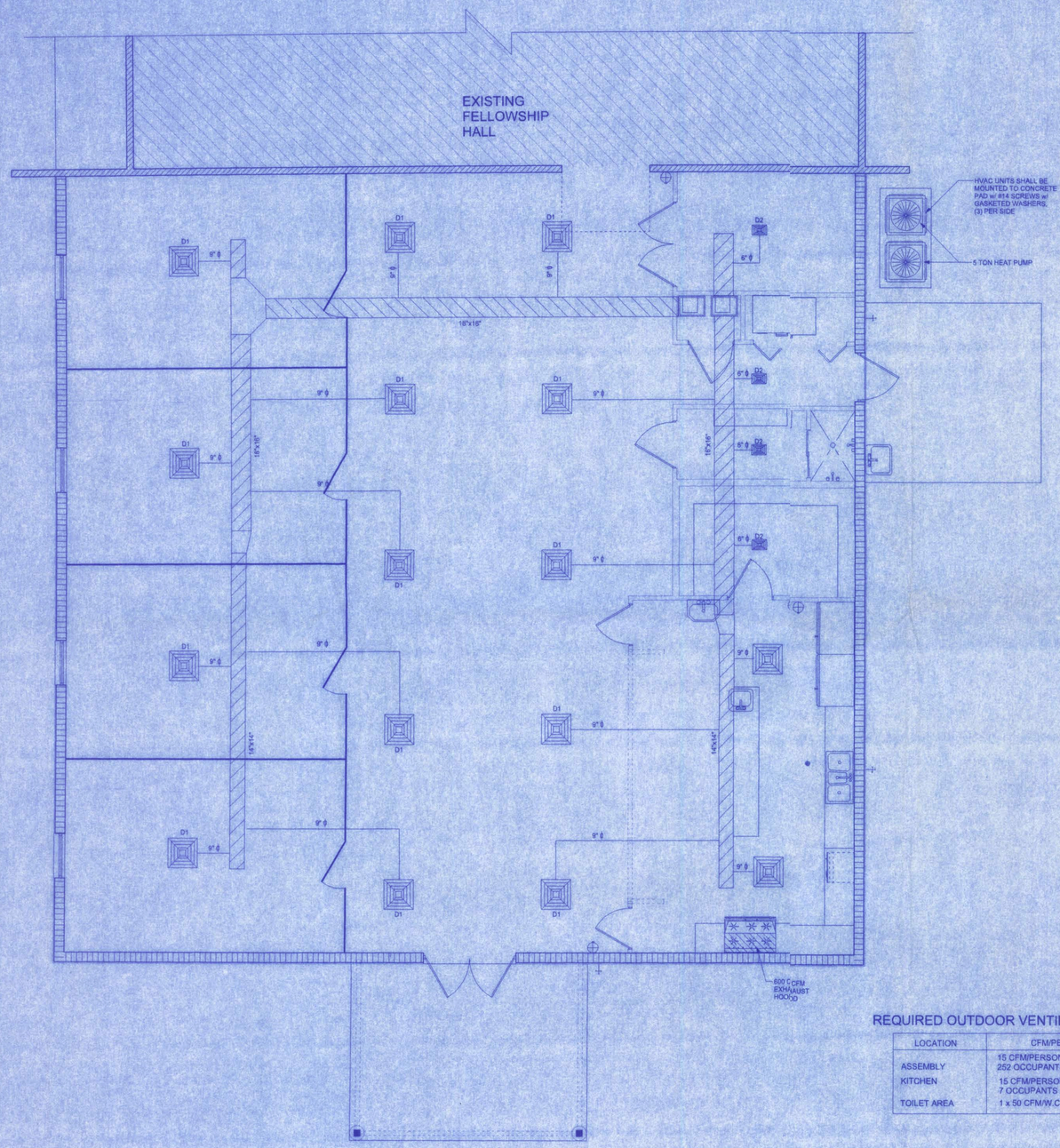
NOTE:

NEW 225 AMP ELECTRICAL SUBPANEL (LOCATED IN STORAGE ROOM OF NEW BUILDING) WILL SUPPLY POWER TO MAJORITY OF THE NEW ELECTRICAL COMPONENTS; AN EXISTING 200 AMP SUBPANEL (LOCATED IN THE EXISTING FELLOWSHIP HALL KITCHEN/UTILITY ROOM) WILL SUPPLY POWER TO EXISTING HVAC AND H/W HEATER, AND THEN WILL BE WIRED TO POWER LIGHTING AND OUTLETS IN THE NEW FELLOWSHIP HALL. ELECTRICAL SUB-CONTRACTOR WILL FIELD VERIFY ALL WIRING AND ROUTING PRIOR TO COMMENCEMENT OF CONSTRUCTION.
NOTE: TO BE TIED INTO EXISTING 400 AMP 3 PHASE MAIN.

PINE GROVE BAPTIST CHURCH

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CERTIFICATE OF AUTHORIZATION # 00008707
Freeman Design Group inc

DATE 7/11/06	DRAWN BY J.T.D.
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OF	11
PROJECT NO.	06.C006



HVAC NOTES

1. SUB-CONTRACTORS PROVIDING HVAC INSTALLATION SHALL BE SUJECT TO THE PROVISIONS OF NOTES 1 THRU 6, GENERAL NOTES.
2. HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE HVAC SYSTEM.
3. HVAC SYSTEM SHALL BE AS DETAILED IN THE PLANS (IF INCLUDED) OR SHALL BE AS DIRECTED BY THE OWNER IN CONSULTATION WITH THE HVAC SUB-CONTRACTOR.
4. HVAC SUB-CONTRACTOR SHALL FURNISH SHOP DRAWINGS FOR DUCTWORK, CONDENSING UNIT & AIR HANDLER, EXHAUST FANS AND AIR DEVICES.
5. IT IS THE HVAC SUB-CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES.
6. SHEET METAL DUCT AND FLEX PIPE SHALL BE USED IN ACCORDANCE WITH NORMAL PRACTICES AND STANDARDS, AND SHALL BE SUPPLIED BY THE HVAC SUB-CONTRACTOR.
7. ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHREA AND SMACNA STANDARDS.
8. ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL AND CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR APPLICATIONS. ACCEPTABLE MANUFACTURERS SHALL BE TITUS, METALAIRE, NAILORHART, HART & COOLIE OR AS DIRECTED BY THE OWNER.
9. IF REQUIRED BY THE OWNER, THE HVAC SUB-CONTRACTOR SHALL SUPPLY A TEST AND BALANCE REPORT IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS, SIGNED AND SEALED BY A REGISTERED ENGINEER.
10. HVAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTORS, RELAYS AND THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS & CONTROL WIRING. THERMOSTATS SHALL BE APPROVED BY THE EQUIPMENT MANUFACTURER.
11. ALL DUCT SIZES INDICATED IN THE PLANS (IF INCLUDED) ARE NET INSIDE DIMENSION.
12. ALL EQUIPMENT SHALL BE FULLY WARRANTED FOR 1 YEAR AND THE COMPRESSOR(S) SHALL BE WARRANTED 5 YEARS FROM DATE OF FINAL ACCEPTANCE, BY THE OWNER.
13. ALL WORK IN THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES SO AS TO AVOID CONFLICTS OR HINDRANCE TO COMPLETION OF THE JOB
14. CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1.2" THICK ARMAFLEC INSULATION.
15. FILTERS SHALL BE DISPOSABLE TYPE AND HAVE INITIAL SHARE WEIGHT ARRESTANCE OF 10% AND A CLEAN PRESSURE DROP OF 0.15 PROVIDE 2 SETS, ONE DURING CONSTRUCTION AND ONE FOR USE AT FINAL ACCEPTANCE.
16. HVAC SUB-CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY OFFSETS, TRANSITIONS & BENDS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
17. IT IS THE RESPONSIBILITY OF THE HVAC SUB-CONTRACTOR TO COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN, LIGHTS AND ARCHITECTURAL ELEMENTS.
18. COORDINATE W/ THE ELECTRICIAN, TO ASSURE SUITABLE SIZES OF BREAKER, SWITCHES AND WIRING.

DIFFUSER SCHEDULE

MK	CFM	SIZE	PATTERN	LOCATION
D1	280	24" x 24"	4W	CLG.
D2	170	8" x 12"	1W	CLG.
D3	70	4" x 8"	1W	CLG.

NOTE:
BATHROOM EXHAUST SHALL BE DIRECTED TO OUTSIDE OF BUILDING. EXHAUST AIR SHALL NOT BE DIRECTED ONTO WALKWAYS. AIR EXHAUST OPENINGS SHALL BE PROTECTED WITH CORROSION-RESISTANT SCREENS, LOUVERS OR GRILLS IF TERMINATING OUT DOORS.

NOTE:
CONDENSATE WASTE AND DRAIN LINE SIZE SHALL BE NOT LESS THAN 3/4" INTERNAL DIAMETER AND SHALL NOT DECREASE IN SIZE FROM THE DRAIN PAN CONNECTION TO THE PLACE OF CONDENSATE DISPOSAL.

NOTE:
CONDENSATE LINES AND ROOF DOWN SPOUTS SHALL DISCHARGE AT LEAST ONE FOOT AWAY FROM THE STRUCTURE SIDEWALL. IN CASES WHERE THE ROOF EAVE IS LESS THAN 6 INCHES, GUTTERS MUST BE INSTALLED AND DIRECT WATER A MINIMUM OF 1 FOOT FROM THE STRUCTURE.

REQUIRED OUTDOOR VENTILATION PER TABLE 403.3 FMC.

LOCATION	CFM/PERSON	TOTAL CFM
ASSEMBLY	15 CFM/PERSON 252 OCCUPANTS x 15 = 3780 cfm	3780
KITCHEN	15 CFM/PERSON 7 OCCUPANTS x 15 = 105 cfm	105
TOILET AREA	1 x 50 CFM/W.C.	50

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

7/12/16

PINE GROVE BAPTIST CHURCH

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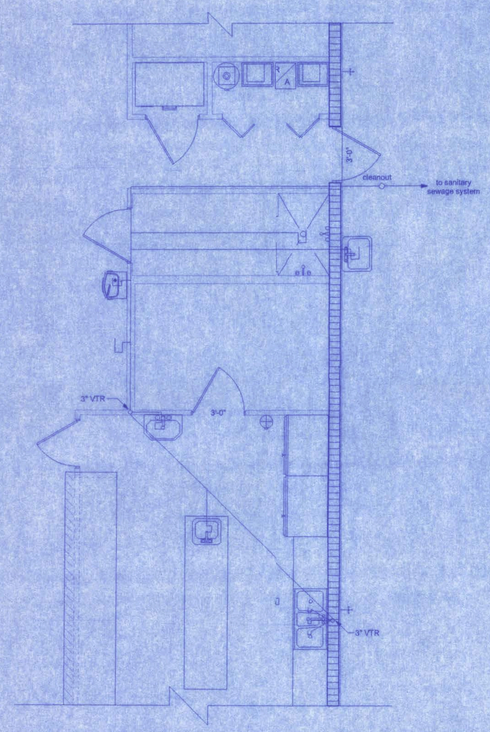
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	APPROVED W.H.F.

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OF 11

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06.C006



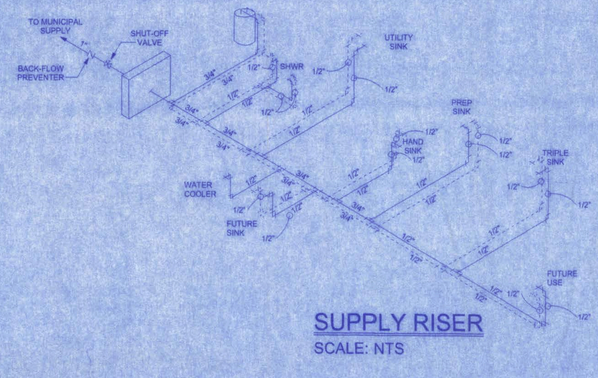
PLUMBING PLAN
SCALE: 1/4" = 1'-0"

FIXTURE SCHEDULE

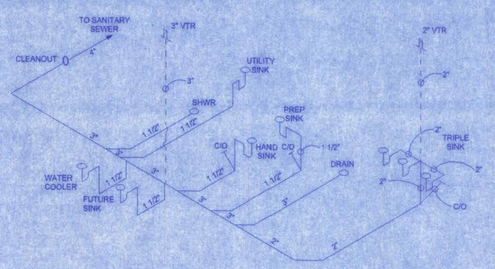
QTY.	DESCRIPTION
1	STERLING B432 STAINLESS STEEL TRIPLE BASIN SINK, 43" x 22" x 6 1/2".
1	STERLING KITCHEN FAUCET #C826R w/ WRIST BLADE HANDLES.
2	GERBER #22-554, 24"x20" LAV W/ PEDESTAL, WHITE.
2	GERBER 44-051 SERIES LAVATORY FAUCETS W/ WRIST BLADE HANDLES.
1	STERLING UCL1515 14-1/4" x 11-3/4" x 7", SINGLE BASIN UNDER-COUNTER MOUNTED SINK.
1	GERBER #52-060 TWO HANDLE FAUCET, E-Z FILLER SPOUT, HARDWATER HANDLES (UNDER-COUNTER MOUNT).
1	OASIS MODEL P8AMEE WATER COOLER

PLUMBING NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND LOCAL REGULATION.
2. ALL PLUMBING SHALL BE BID AS SPECIFIED OR OF EQUAL VALUE.
3. PROVIDE COLD WATER TO ALL PLUMBING FIXTURES AND HOT WATER TO ALL LAVATORIES.
4. PROVIDE DRAIN TO ANY WATER HEATERS.
5. PROVIDE A SLOPE ON ALL WASTE LINES OF 1/8" PER FOOT OF RUN (MINIMUM), UNLESS OTHERWISE NOTED ON THE PLANS.
6. ALL WASTE LINES SHALL BE PVC DWV.
7. ALL WATER LINES SHALL BE CPVC PIPE AND FITTINGS.
8. INSTALL AIR CHAMBERS AS NEEDED.
9. WATER SERVICE SHALL BE SCH. 40 PVC 1 1/4" OR AS NECESSARY TO PROVIDE NECESSARY WATER PRESSURE FOR PLUMBING FIXTURES TO WORK PROPERLY.
10. ALL ROOF FLASHING SHALL BE GALVANIZED WITH NEOPRENE COLLARS.
11. ALL WATER PIPES, WHERE PASSING THROUGH MASONRY WALL OR CONCRETE SHALL HAVE PROTECTIVE SLEEVES.
12. PROVIDE PIPE SLEEVES OR CONCRETE RELIEVING ARCH AT ALL LOCATIONS WHERE SANITARY PIPES PASS UNDER OR THROUGH CONCRETE FOOTINGS OR FOUNDATION ALL IN ACCORDANCE WITH THE STANDARD PLUMBING CODE.
13. ALL PVC PIPE SHALL BE SCHEDULE 40.
14. SPECIFY IN BID HOW MANY FEET OF SEWER AND WATER PIPE IS INCLUDED IN BID. SPECIFY PRICE PER FOOT FOR ADDITIONAL SEWER AND WATER PIPE.
15. ALL PLUMBING FIXTURES AND LABOR SHALL HAVE A STANDARD ONE YEAR WARRANTY FROM ISSUANCE OF CERTIFICATE OF OCCUPANTS.
16. ANY CHANGES TO THE PLUMBING THAT WILL RESULT IN PRICE INCREASE OR DECREASE SHALL NOT BE DONE UNTIL A WRITTEN CHANGE ORDER IS IN PLACE.



SUPPLY RISER
SCALE: NTS



PLUMBING RISER
SCALE: NTS

PINE GROVE
BAPTIST CHURCH

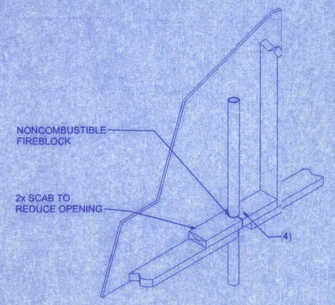
Jeff Freeman 7/1/06

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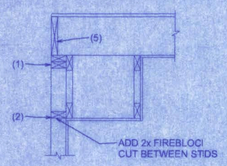
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DATE 7/1106	DRAWN BY J.T.O.
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PENETRATIONS



SOFFIT/DROPPED CLG.

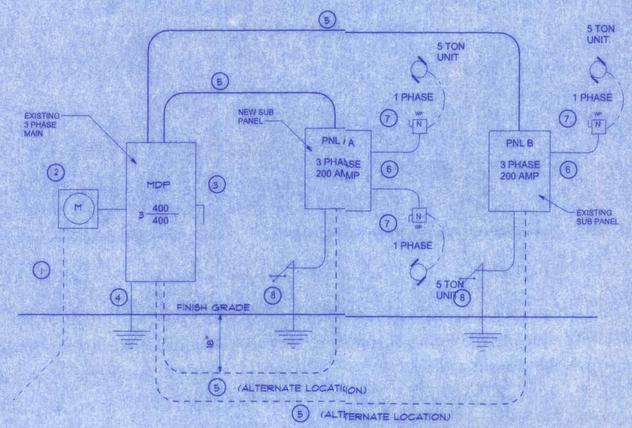
FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH PYROPANEL MULTIFLX SEALANT
5. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FLL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

OPENING CONNECTION REQUIREMENTS

CLEAR OPENING WIDTH	HEADER SIZE #2 GRADE OR BETTER	END BEARING	CONNECTOR AT EACH END OF OPENING	ANCHORAGE TO FOUNDATION @ EACH END OF OPENING
0' - 3'	(2) 2x8	1.5"	SIMPSON H2.5	(1) SIMPSON LSTA30
>3' - 6'	(2) 2x10	3"	(1) SIMPSON LSTA30	(1) SIMPSON LSTA30
>6' - 9'	(2) 2x12	3"	(1) SIMPSON LSTA30	(1) SIMPSON LSTA30
>9' - 12'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	(1) SIMPSON LSTA30	(1) SIMPSON LSTA30
>12' - 15'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	(2) SIMPSON LSTA30	(2) SIMPSON LSTA30
>15' - 18'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	4.5"	(2) SIMPSON LSTA30	(2) SIMPSON LSTA30



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 conections at the Meter, Disconnect, Long Devices and Panel shall be allowed.
2. Existing Meter Enclosure, weatherproof, U.L. Listed.
3. Main Disconnect Switch: fused or Main Breaker, weatherproof, U.L. Listed.
4. Service entrance ground: 5/8" diameter iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 20'-0" long. Grounding conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item #5 below.
5. 200 Ampere Feeder: 3-2/0-THHN-Cu., 1-#2-Cu-GND, 2 1/2" Conduit
6. House Panel (PNL), U.L. Listed, sized per schedule.
7. Equipment Disconnect Switch: non-fused, in weather proof enclosure, size according to Panel Schedule loads.
8. Provide Ground Bond Wire to metal Piping, size in accordance with the Service Ground Conductor.

PANEL BOARD A SCHEDULE

PANEL: PNL A | LOCATION: STORAGE ROOM
TYPE: SQ.D. 'NQOD' | MAIN LUGS: ONLY | MAIN BREAKER: X | AMPS: 200
VOLTS: 120/240 | PHASE: 3 | WIRE: 3 | SINGLE POLES: 40
A.I.C. RATING: 10,000 KVA | FEEDER SIZE: 3 - 2/0 THHN
FEED / TOP: X | BOTTOM:
MOUNTING / SURFACE: | FLUSH: X
CABINET / STANDARD: X
TOTAL KW LOAD: 50,500

WIRE	GND.	COND.	APPLICATION	LOAD	CIR.	BRK.	BRK.	CIR.	LOAD	APPLICATION	COND.	GND.	WIRE
8	10	3/4"	5 TON HEAT PUMP		1	50/2	50/2	2		AIR HANDLER	1"	8	6
					3			4					
8	10	3/4"	5 TON HEAT PUMP		5	50/2	50/2	6		AIR HANDLER	1"	8	6
					7			8					
12	12	1/2"	LIGHTING		9	20/1	20/1	10		LIGHTING	1/2"	12	12
12	12	1/2"	RECEPT.		11	20/1	20/1	12		LIGHTING	1/2"	12	12
12	12	1/2"	RECEPT.		13	20/1	20/1	14		SM. APPLIANCE	1/2"	12	12
12	12	1/2"	EXT. LIGHTS		15	20/1	20/1	16		RECEPT.	1/2"	12	12
12	12	1/2"	SPACE		17	20/1	20/1	18		SPACE			
			SPACE		39			40		SPACE			

PANEL BOARD B SCHEDULE (EXISTING)

PANEL: PNL B | LOCATION: EXISTING BUILDING
TYPE: SQ.D. 'NQOD' | MAIN LUGS: ONLY | MAIN BREAKER: X | AMPS: 200
VOLTS: 120/240 | PHASE: 3 | WIRE: 3 | SINGLE POLES: 40
A.I.C. RATING: 10,000 KVA | FEEDER SIZE: 3 - 2/0 THHN
FEED / TOP: X | BOTTOM:
MOUNTING / SURFACE: | FLUSH: X
CABINET / STANDARD: X
TOTAL KW LOAD: 36,125

WIRE	GND.	COND.	APPLICATION	LOAD	CIR.	BRK.	BRK.	CIR.	LOAD	APPLICATION	COND.	GND.	WIRE
8	10	3/4"	EXISTING 5 TON HEAT PUMP		1	50/2	50/2	2		EXISTING AIR HANDLER	1"	8	6
					3			4					
10	12	1/2"	EXISTING WATER HEATER		5	30/2	20/1	6		LIGHTS	1/2"	12	12
					7		20/1	8		LIGHTS	1/2"	12	12
12	12	1/2"	LIGHTS		9	20/1	20/1	10		LIGHTS	1/2"	12	12
12	12	1/2"	LIGHTS		11	20/1	20/1	12		RECEPTACLES	1/2"	12	12
12	12	1/2"	RECEPTACLES		13	20/1	20/1	14		RECEPTACLES	1/2"	12	12
12	12	1/2"	RECEPTACLES		15	20/1	20/1	16		RECEPTACLES	1/2"	12	12
			SPACE		17			18		SPACE			
			SPACE		39			40		SPACE			

PINE GROVE BAPTIST CHURCH

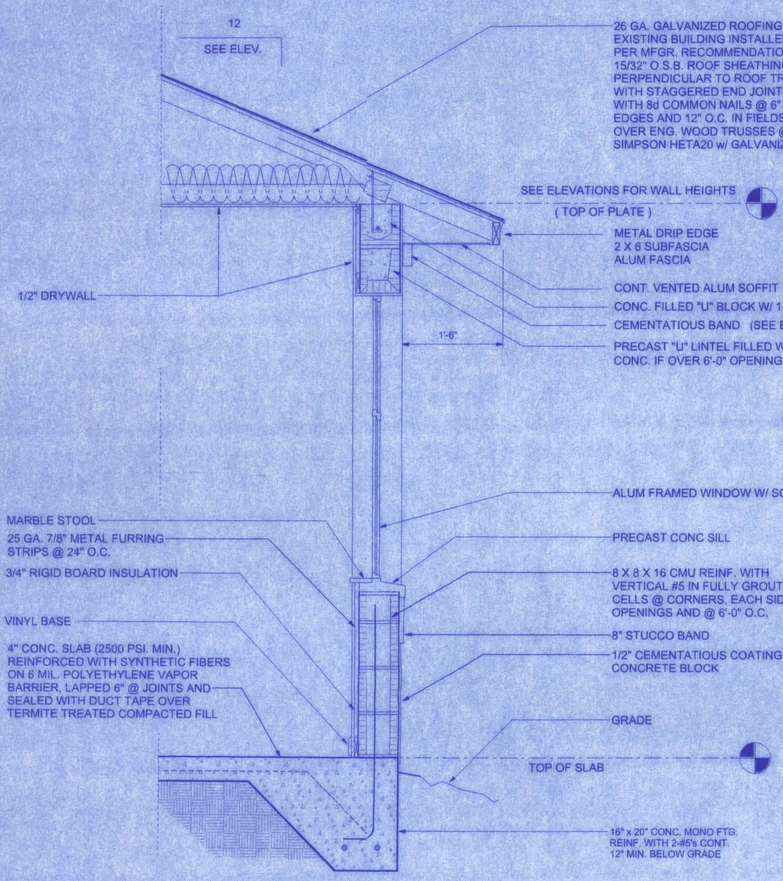
161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00006701

Freeman Design Group INC

DATE 7/1/06 | DRAWN BY J.T.D.
APPROVED W.H.F.
REVISIONS

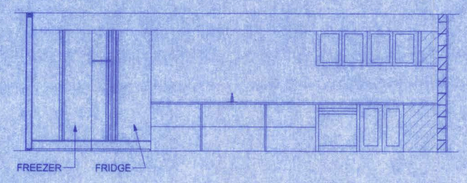
SHEET A-10
OF 11

PROJECT NO. 06.C006



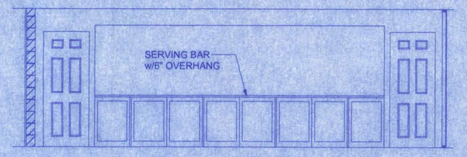
TYPICAL WALL SECTION

SCALE: 1" = 1'-0"



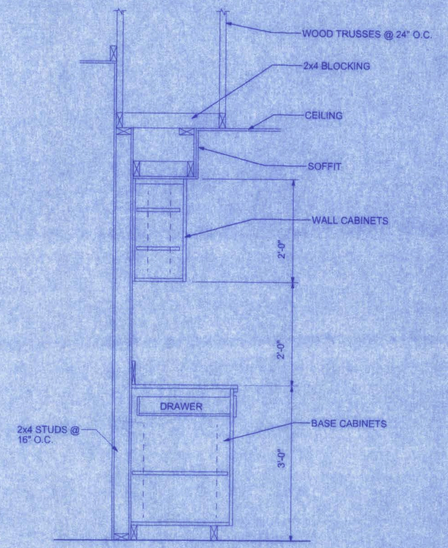
A KITCHEN SECTION

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



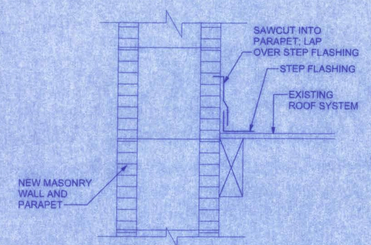
B KITCHEN SECTION

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



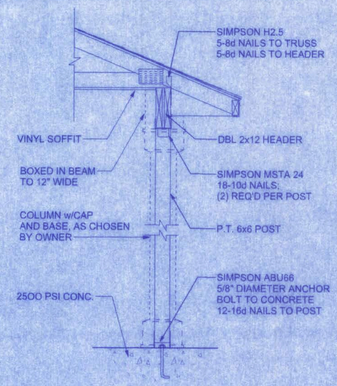
CABINET SECTION, TYP

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



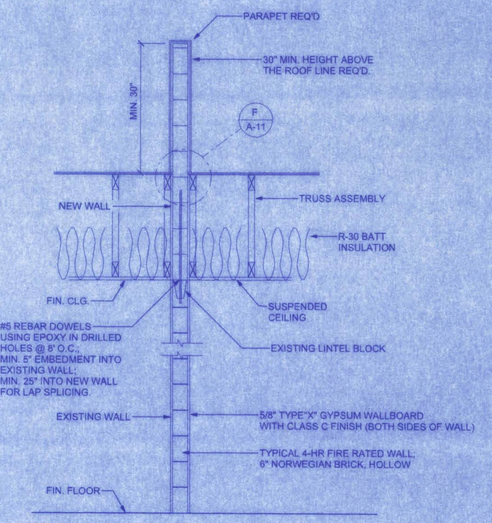
D FLASHING DETAIL

SCALE: N.T.S.



PORTE-CO SECTION

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



C 4 HR PARTITION WALL SECTION

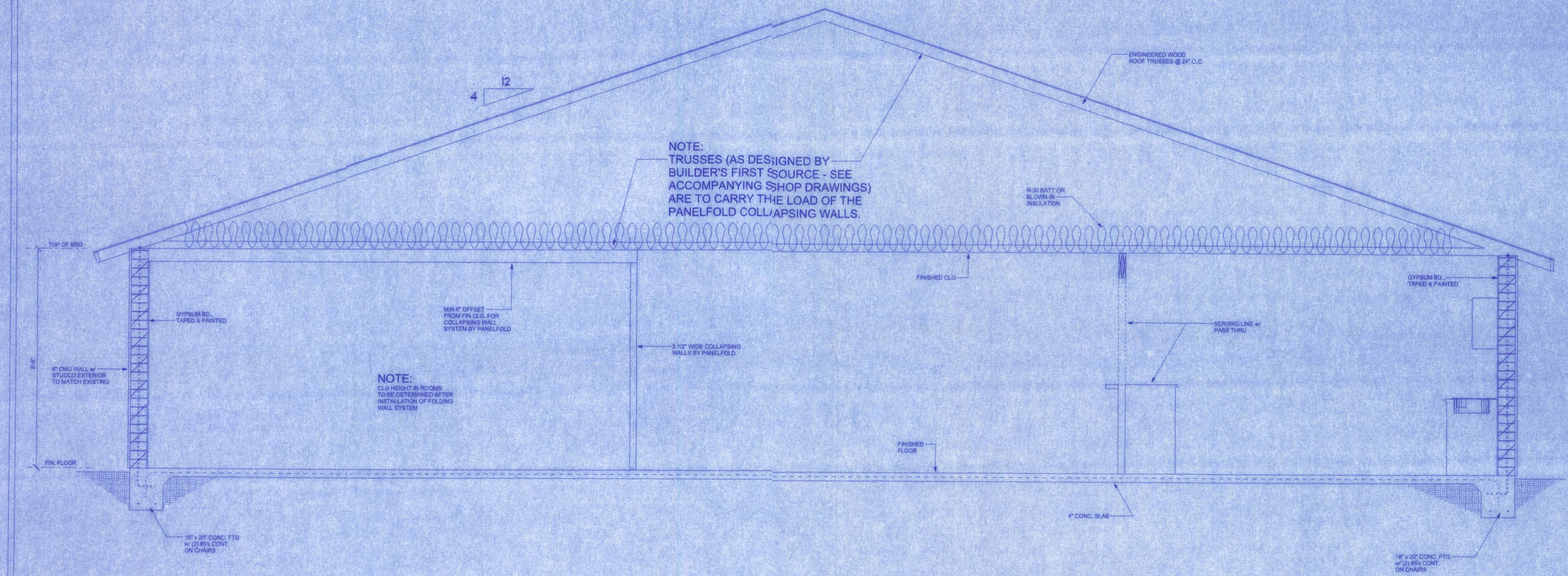
SCALE: 3/4" = 1'-0"

PINE GROVE BAPTIST CHURCH

101 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00006701

Freeman Design Group inc

DATE 7/11/06	DRAWN BY J.T.D.
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REVISIONS	
SHEET	A-11
OF	11
PROJECT NO.	06:C006



CROSS SECTION OF FELLOWSHIP HALL

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

PINE GROVE
BAPTIST CHURCH

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
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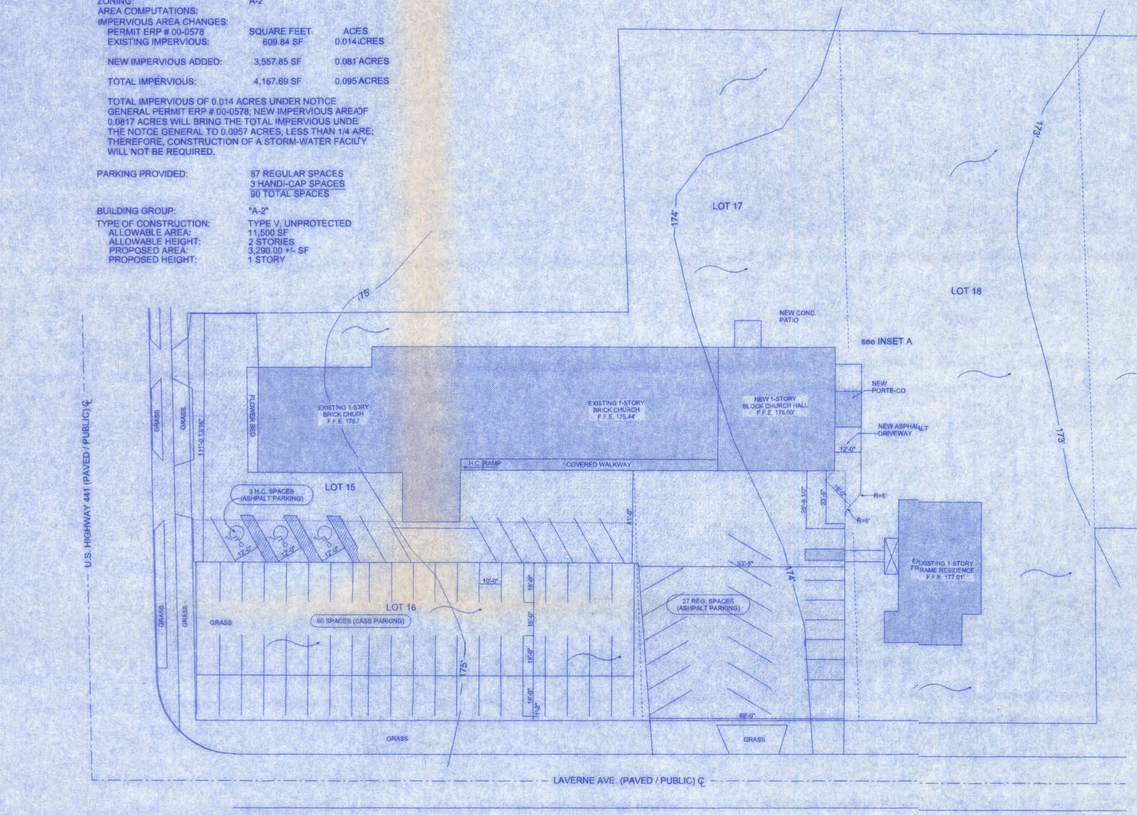
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REVISIONS	
SHEET	C-1
OF	1
PROJECT NO.	06.1006

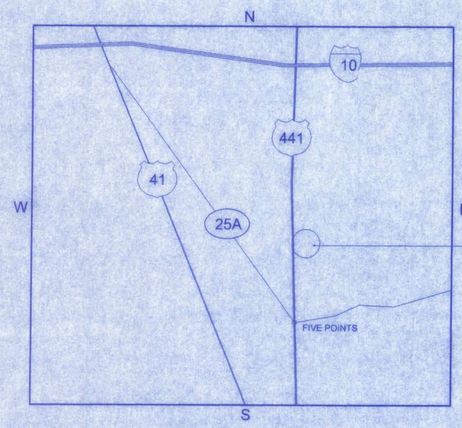
SITE DATA

PROJECT:	PINE GROVE BAPTIST CHRCH	
LEGAL DESCRIPTION:	REFER TO ATTACHED SUVEY	
ZONING:	A-2	
AREA COMPUTATIONS:		
IMPERVIOUS AREA CHANGES:		
PERMIT ERP # 00-0578	SQUARE FEET	ACES
EXISTING IMPERVIOUS:	609.84 SF	0.014 ACRES
NEW IMPERVIOUS ADDED:	3,557.85 SF	0.081 ACRES
TOTAL IMPERVIOUS:	4,167.69 SF	0.095 ACRES

TOTAL IMPERVIOUS OF 0.014 ACRES UNDER NOTICE GENERAL PERMIT ERP # 00-0578; NEW IMPERVIOUS AREA OF 0.0817 ACRES WILL BRING THE TOTAL IMPERVIOUS UNDE THE NOTICE GENERAL TO 0.0957 ACRES, LESS THAN 1/4 ARE; THEREFORE, CONSTRUCTION OF A STORM-WATER FACILTY WILL NOT BE REQUIRED.

PARKING PROVIDED:	87 REGULAR SPACES 3 HANDI-CAP SPACES 90 TOTAL SPACES
BUILDING GROUP:	"A-2"
TYPE OF CONSTRUCTION:	TYPE V, UNPROTECTED
ALLOWABLE AREA:	11,500 SF
ALLOWABLE HEIGHT:	2 STORIES
PROPOSED AREA:	3,290.00 +/- SF
PROPOSED HEIGHT:	1 STORY





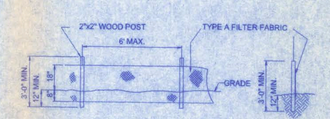
PROJECT LOCATION

SITE PLAN
SCALE: 1" = 30'

DESCRIPTION:

LOTS 15, 16, 17 & 18 & THE N 185 FT OF LOT 19 & LOT 20 EX.S 110 FT, PINE NEEDLES ESTATES;

PINE GROVE BAPTIST CHURCH
1989 N US HWY 441
LAKE CITY, FLORIDA



TEMPORARY SILT FENCE DETAIL
NTS

EROSION & SEDIMENT CONTROL NOTES

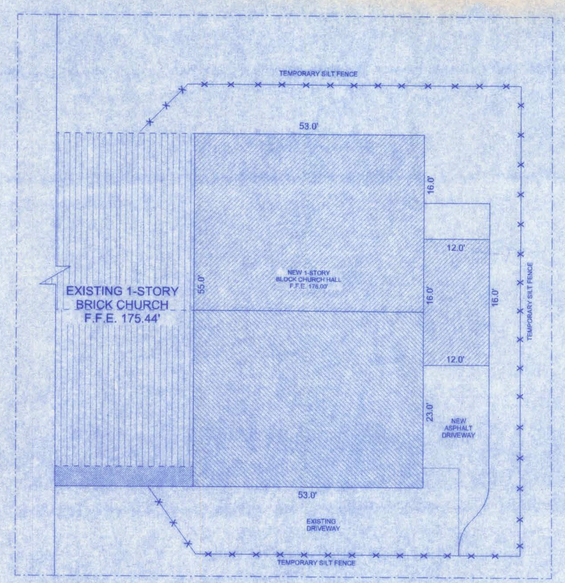
OPERATION AND MAINTENANCE PLAN

1. HAY BALES AND TEMPORARY GRASS SEED SHALL BE PLACED AS NEEDED TO PREVENT EROSION. AREAS THAT EXPERIENCE EROSION SHALL BE RESHAPED AND REGRASSED.
2. THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH THE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL.
3. IF THE DESIGNED EROSION AND SEDIMENT CONTROL PLAN IS DEEMED INEFFECTIVE, THE CONTRACTOR SHALL IMPLEMENT HIS OWN BASED ON THE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL.

NOTE:
THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE EROSION & SEDIMENT CONTOL PLAN UNTIL AS-BUILTS ARE SUBMITTED.

EROSION & SEDIMENT CONTROL NOTES:

1. TEMPORARY GRASSING SHALL BE USED ON ALL AREAS OF DISTURBED SOIL WITH SLOPES FLATTER THAN 3:1.
2. ALL DISTURBED AREAS WITHIN THE LIMITS OF CONSTRUCTION WITH A PROPOSED SLOPE OR FINISHED GRADE SLOPE OF 4:1 OR STEEPER SHALL BE COMPLETELY COVERED WITH CERTIFIED COASTAL BERMUDA GRASS OR AN APPROVED ALTERNATIVE GRASS SOD. THIS PROVISION SHALL BE MET A MINIMUM OF 24 HOURS IN ADVANCE OF ANY PLANNED PAVING OR CONCRETE POUR THAT IS APPROVED UNDER THE FDOT ACCESS OR DRAINAGE PERMIT.
3. PROVIDE SILT FENCE BARRIERS OR STRAW BALES AT ALL LOCATIONS WHERE SHEETFLOW RUNOFF LEAVES THE SITE.
4. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE E & SC PLAN UNTIL AS-BUILTS ARE SUBMITTED.



INSET A
N.T.S.

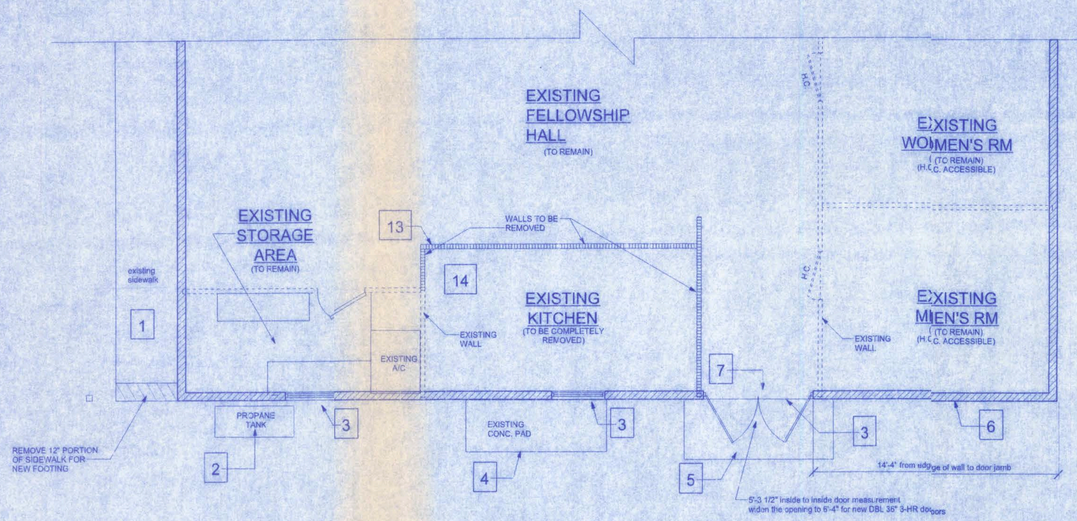
PINE GROVE BAPTIST CHURCH

161 NW MADISON STREET
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Freeman Design Group inc

CERTIFICATE OF AUTHORIZATION # 00008701

DATE 6/20/16	DRAWN BY J.T.D.
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PROJECT NO.	06.C006

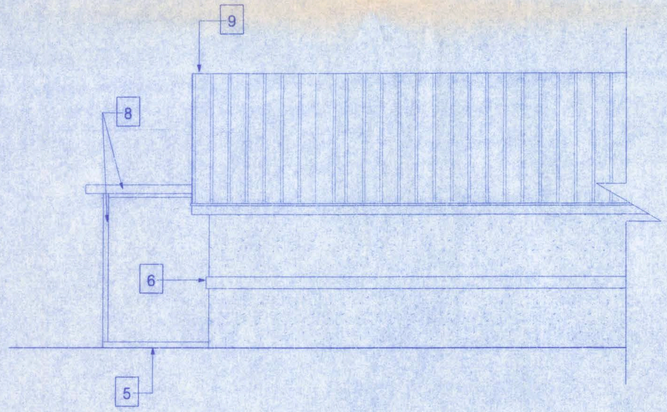


1ST FLOOR LAYOUT

SCALE: 3/8" = 1'-0"

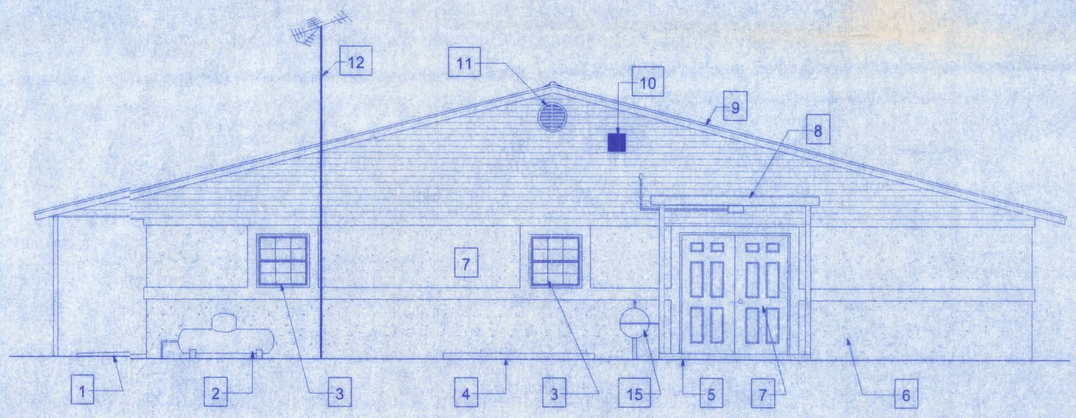
DEMOLITION NOTES:

1. EXISTING CONCRETE SIDEWALK TO REMAIN.
2. EXISTING PROPANE TANK & LINE TO BE REMOVED.
3. EXISTING WINDOWS TO BE REMOVED AND OPENINGS CLOSED.
4. EXISTING CONCRETE PAD TO BE REMOVED.
5. EXISTING CONCRETE STOOP TO BE REMOVED.
6. EXTERIOR ALONG EXISTING WALL TO BE REMOVED.
7. EXISTING DOORS TO BE REMOVED; OPENING TO BE WIDENED (TOWARDS THE SOUTH) TO 6'-4" TO ACCOMMODATE NEW DBL 3068 3-HR FIRE-RATED DOORS.
8. EXISTING COVER AND FRAMEWORK OVER AND ELECTRICAL CONDUIT LEADING TO STOOP TO BE REMOVED.
9. EXISTING ROOF OVERHANG TO BE REMOVED ALONG GABLE END & THE NEW ROOF WILL BE TIED INTO THE EXISTING.
10. ALL ELECTRICAL AND/OR PLUMBING FIXTURES LOCATED OUTSIDE TO BE REMOVED AND/OR REROUTED.
11. EXISTING GABLE END VENT TO BE REMOVED AND RELOCATED IN GABLE END OF NEW ADDITION.
12. EXISTING ANTENNAE TO BE REMOVED AND RELOCATED; LOCATION TO BE ESTABLISHED BY PINE GROVE BAPTIST CHURCH IN COORDINATION WITH THE CONTRACTOR.
13. EXISTING KITCHEN WALL TO BE REMOVED.
14. ALL KITCHEN APPLIANCES, SINKS, COUNTERTOPS & CABINETS TO BE REMOVED AND MAY BE UTILIZED IN KITCHEN OF NEW FELLOWSHIP HALL.
15. EXISTING B-B-Q GRILL TO BE REMOVED PRIOR TO COMMENCEMENT OF CONSTRUCTION.



EXISTING SIDE ELEVATION

SCALE: 3/8 = 1'-0"



EXISTING EAST ELEVATION

SCALE: 3/8" = 1'-0"

DEMOLITION PLAN

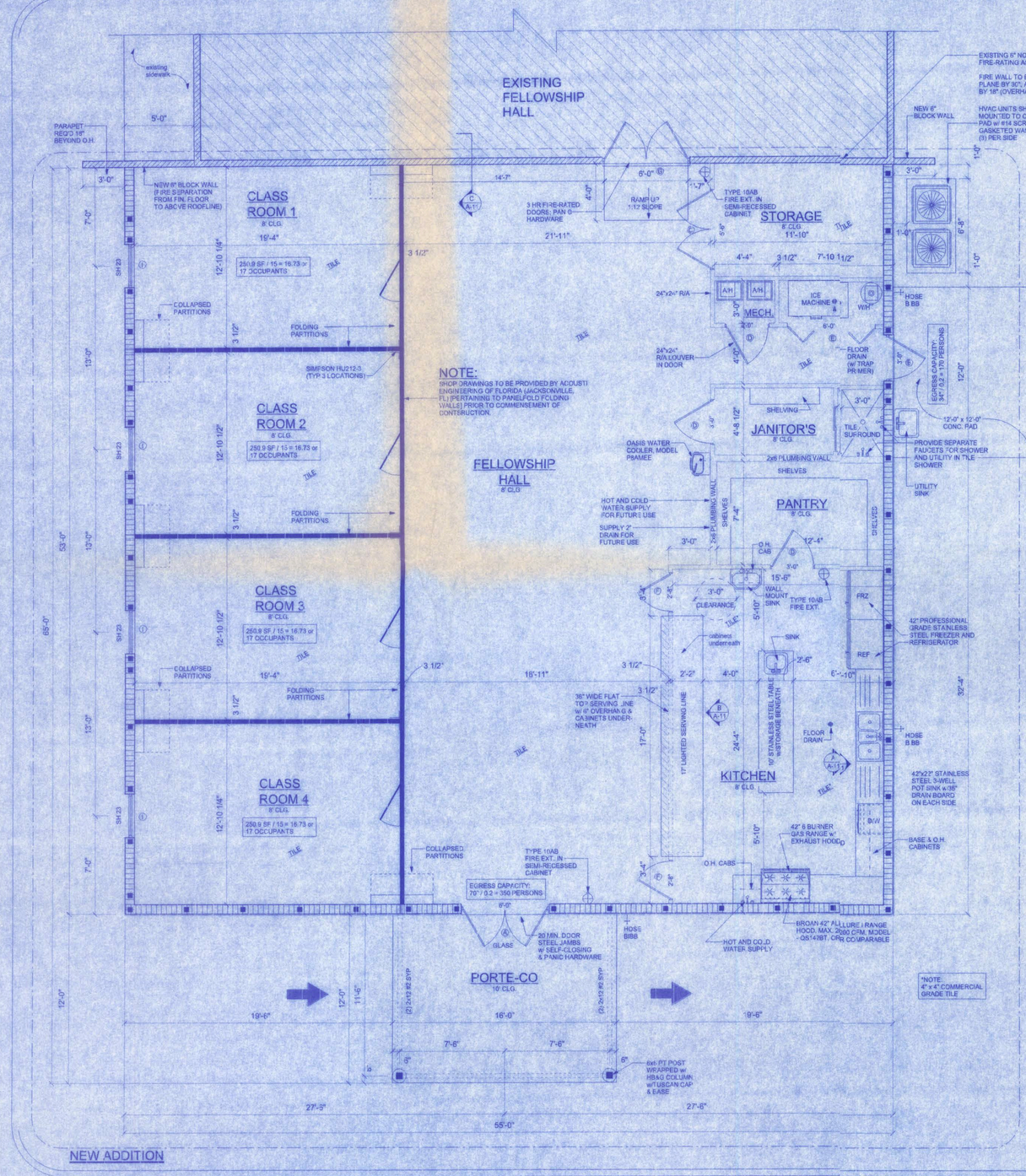
SCALE: 3/8" = 1'-0"

William H. Freeman 8/4/06

PINE GROVE BAPTIST CHURCH

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)755-4209
CERTIFICATE OF AUTHORIZATION # 60008701
Freeman Design Group

DATE 7/11/06	DRAWN BY J.T.D.
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REVISIONS	
SHEET A-2	
OF 11	
PROJECT NO. 06.C106	



ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
rafters having slopes greater than 2/12 with no finished ceiling attached to rafters	L/180
interior walls and partitions	H/180
floors and plastered ceilings	L/360
all other structural members	L/240
exterior walls with plaster or stucco finish	H/360
exterior walls - wind loads with brittle finishes	L/240
exterior walls - wind loads with flexible finishes	L/120

BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED.	
BUILDING GROUP OCCUPANCY	GROUP A-3
TABLE 500 TYPE OF CONSTRUCTION	TYPE III B
TABLE 500 AREA/HEIGHT LIMITATIONS	9.5 KSF/2 STORY
OCCUPANCY:	
ASSEMBLY w/o FIXED SEATING: 1:15SF GROSS 2,924 SF / 15 = 194.9	195 OCCUPANTS

NEW WINDOW SCHEDULE

NO.	CALL SIZE	WINDOW SIZE WIDTH	WINDOW SIZE HEIGHT	MATERIAL FRAME	MATERIAL GLASS	QUANTITY PER OPENING	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT	WIND PRESS. @ EA. WINDOW	REMARKS
1	23	37"	38"	ALUM.	DOUBLE PANE	1	39 1/4"	41 1/4"	+48 PSF -53 PSF	PRODUCT CONTROL DATA ATTACHED

NOTES:
1- GENERAL CONTRACTOR SHALL VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO COMMENCEMENT OF WORK
2- ALL NEW WINDOWS AS PER WINDOW SCHEDULE SHALL BE IMPACT RESISTANT, SEE ATTACHED PRODUCT CONTROL APPROVAL

NEW DOOR SCHEDULE

	LOCATION	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICK	TYPE	MATERIAL DOOR	MATERIAL FRAME	FIRE RATING	FINISH	LOCKS	REMARKS
A	EAST ENTRY, EXTERIOR	6'-0"	6'-8"	1 3/4"	-	GLASS	METAL	20 MIN	PAINT	ENTRY LOCK DEAD BOLT	SELF-CLOSING
B	NORTH ENTRY, EXTERIOR	3'-0"	6'-8"	1 3/4"	-	STEEL	METAL	20 MIN	PAINT	ENTRY LOCK DEAD BOLT	SELF-CLOSING
C	STORAGE AREA	5'-6"	6'-8"	1 3/4"	-	STEEL	METAL	20 MIN	PAINT	PRIVACY	SELF-CLOSING
D	JANITOR'S, PANTRY	3'-0"	6'-8"	1 3/8"	-	SC BIRCH	METAL		PAINT	PRIVACY	6-PANEL
E	MECHANICAL	6'-0"	6'-8"	1 3/8"	-	SC BIRCH	METAL		PAINT		BI-FOLD
F	KITCHEN	2'-8"	6'-8"	1 3/8"	-	SC BIRCH	METAL		PAINT	PRIVACY	6-PANEL
G	FIREWALL	6'-0"	6'-8"	1 3/4"	-	STEEL	METAL	3 HR	PAINT	PRIVACY	SELF-CLOSING, PANIC H.W

NOTE:
EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AND BEAR AN AAMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT EVALUATION ENTITY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION:

ANSI/AAMA/NWWDA 101/I.S2 2/97

THE CONSTRUCTION SHALL BE TESTED IN ACCORDANCE WITH ASTM E 330, STANDARD TEST METHODS FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS BY UNIFORM STATIC AIR PRESSURE.

NOTE:
provide a readily visible sign on or adjacent to all egress doors stating: THIS EXIT TO REMAIN UNLOCKED WHEN THIS BUILDING IS OCCUPIED. the sign shall have 1" lettering with contrasting background.

NOTE:
PERMANENT IDENTIFICATION SHALL BE PROVIDED IN CONCEALED SPACES OR ABOVE DECORATIVE CEILINGS WITH SUGGESTED WORDING, "FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS".

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

PINE GROVE BAPTIST CHURCH

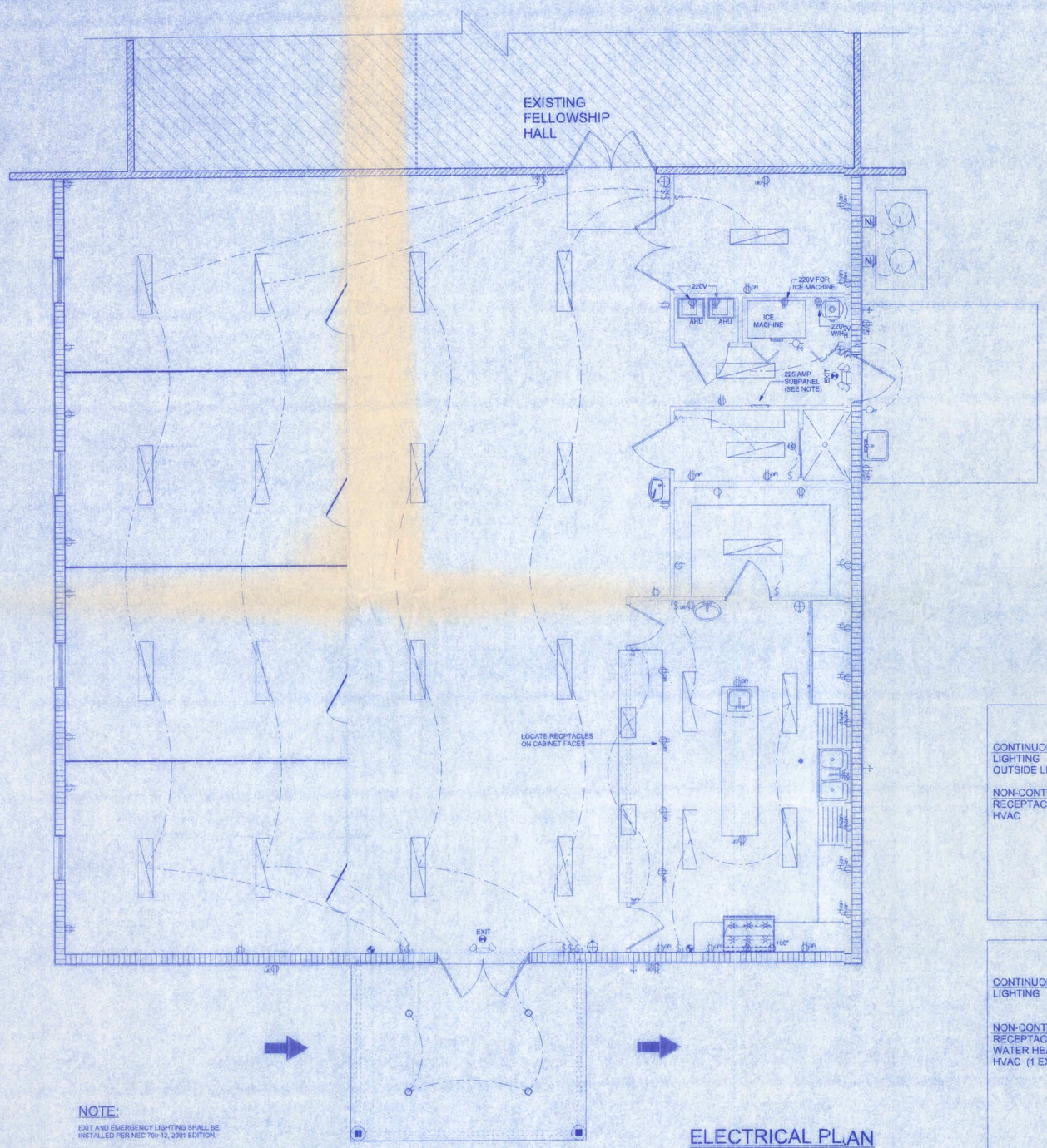
W.H.F. 8/4/06

CERTIFICATE OF AUTHORIZATION # 0000897

161 NW MADISON STREET
SUITE #100
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(386)758-4209
Freeman Design Group inc

DATE 7/11/06
DRAWN BY J.T.D.
APPROVED W.H.F.
REVISIONS

SHEET A-3
CF 11
PROJECT NO. 06.C008



NOTE:
EXIT AND EMERGENCY LIGHTING SHALL BE INSTALLED PER NEC 700-12, 2001 EDITION.

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

ELECTRICAL	SYMBOL
fluorescent fixture	
pot light	
electric motor	
electrical panel	
emergency light	
exit	
fire extinguisher	
meter can	
non-fused disconnect	N
50 cfm exhaust fan	
light	
outlet	
outlet 220v	
outlet gfi	
pull chain light	
smoke detector	
switch	$
switch 3 way	$3
weatherproof gfi	

LOAD CALCULATIONS (PANEL A):

	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
CONTINUOUS			
LIGHTING	4,500 VA	1.25	5,625 VA
OUTSIDE LIGHTING	1,500 VA	1.25	1,875 VA
		CONT. TOTAL:	7,500 VA
NON-CONTINUOUS			
RECEPTACLES	3,000 VA	1.0	3,000 VA
HVAC	36,000 VA	1.0	36,000 VA
		NON-CONT. TOTAL:	39,000 VA
		(CONT. + NON-CONT.) OVERALL TOTAL:	46,500 VA
		@ 120/240 1 PHASE	193.75 AMPS
		PROVIDED SERVICE	200 AMPS

LOAD CALCULATIONS (PANEL B):

	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
CONTINUOUS			
LIGHTING	9,000 VA	1.25	11,250 VA
		CONT. TOTAL:	11,250 VA
NON-CONTINUOUS			
RECEPTACLES	6,000 VA	1.0	6,000 VA
WATER HEATER	4,500 VA	1.0	4,500 VA
HVAC (1 EXISTING)	18,000 VA	1.0	18,000 VA
		NON-CONT. TOTAL:	28,500 VA
		(CONT. + NON-CONT.) OVERALL TOTAL:	39,750 VA
		@ 120/240 1 PHASE	165.63 AMPS
		PROVIDED SERVICE	200 AMPS

LIFE SAFETY NOTES

ALL EXIT AND EMERGENCY LIGHTING SHALL BE INSTALLED PER NEC 700-12, 2001 EDITION.

ACCESS TO EXITS SHALL BE MARKED BY APPROVED READILY VISIBLE SIGNS IN ALL CASES WHERE THE EXIT OR WAY TO REACH THE EXIT IS NOT READILY APPARENT TO THE OCCUPANTS. SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN THE EXIT ACCESS CORRIDOR IS MORE THAN 100 FT FROM THE NEAREST EXTERNALLY ILLUMINATED SIGN AND IS NOT IN EXCESS OT THE MARKED RATING FOR INTERNALLY ILLUMINATED SIGNS.

ALL FIRE EXTINGUISHERS SHALL BE TYPE 10AB AND SHALL BE LOCATED SO THA" NO POINT IN THE DIRECTION OF TRAVEL FROM ANY POINT IS MORE THAN 75 FT TO THE FIRE EXTINGUISHER.

NOTE:

ALL BRANCH CIRCUITS THAT SUPPLY 125-VOLT, SINGLE PHASE, 15 AND 20 AMP OUTLETS INSTALLED IN DWELLING UNIT BEDROOMS SHALL BE PROTECTED BY AN ARC FAULT CIRCUIT INTERRUPTER LISTED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.

ELECTRICAL PLAN NOTES

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

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

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

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

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.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDNS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKT'S IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

ELECTRICAL NOTES:

1. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES.
2. OPTIONAL SECURITY LIGHT SWITCH LOCATIONS TO BE MADE DURING CONSTRUCTION.
3. PREWIRE LOW VOLTAGE CONTROL WIRING FOR ELECTRIC GARAGE DOOR OPENERS.
4. PROVIDE WIRING AS REQUIRED FOR AIR CONDITIONING, HEATING, AND WATER HEATING EQUIPMENT.

NOTE:
ALL SMOKE DETECTORS TO BE WIRED TOGETHER TO ACTUATE ALL ALARMS IF ANY ONE UNIT IS ACTUATED.

NOTE:

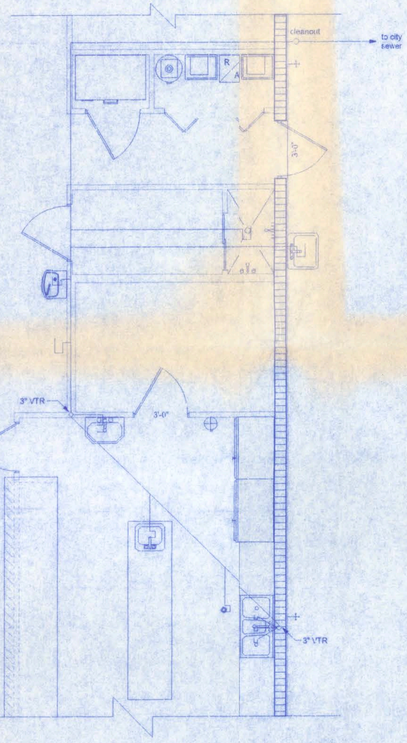
NEW 225 AMP ELECTRICAL SUBPANEL (LOCATED IN STORAGE ROOM OF NEW BUILDING) WILL SUPPLY POWER TO MAJORITY OF THE NEW ELECTRICAL COMPONENTS. AN EXISTING 200 AMP SUBPANEL (LOCATED IN THE EXISTING FELLOWSHIP HALL KITCHEN/UTILITY ROOM) WILL SUPPLY POWER TO EXISTING HVAC AND H/W HEATER, AND THEN WILL BE WIRED TO POWER LIGHTING AND OUTLETS IN THE NEW FELLOWSHIP HALL. ELECTRICAL SUB-CONTRACTOR WILL FIELD VERIFY ALL WIRING AND ROUTING PRIOR TO COMMENCEMENT OF CONSTRUCTION.
NOTE: TO BE TIED INTO EXISTING 400 AMP 3 PHASE MAIN.

8/4/06

PINE GROVE BAPTIST CHURCH

Freeman Design Group inc
161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4019
CERTIFICATE OF AUTHORIZATION # 6600B701

DATE 7/11/06	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET	A-7
OF	11
PROJECT NO.	06.C06



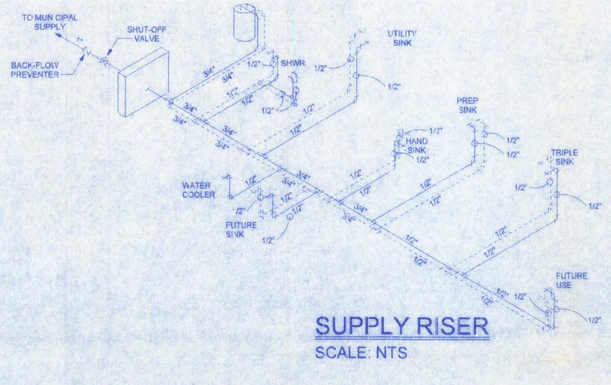
PLUMBING PLAN
SCALE: 1/4" = 1'-0"

FIXTURE SCHEDULE

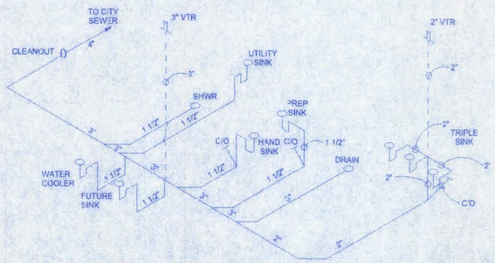
QTY.	DESCRIPTION
1	STERLING B432 STAINLESS STEEL TRIPLE BASIN SINK, 43" x 22" x 6 1/2".
1	STERLING KITCHEN FAUCET #C826R w/ WRIST BLADE HANDLES.
2	GERBER #22-554, 24"x20" LAV W/ PEDESTAL, WHITE.
2	GERBER #4-051 SERIES LAVATORY FAUCETS W/ WRIST BLADE HANDLES.
1	STERLING UCL1515 14-1/4" x 11-3/4" x 7", SINGLE BASIN UNDER-COUNTER MOUNTED SINK.
1	GERBER #52-060 TWO HANDLE FAUCET, E-Z FILLER SPOUT, HARDWATER HANDLES (UNDER-COUNTER MOUNT).
1	OASIS MODEL P8AMEE WATER COOLER

PLUMBING NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND LOCAL REGULATION.
2. ALL PLUMBING SHALL BE BID AS SPECIFIED OR OF EQUAL VALUE.
3. PROVIDE COLD WATER TO ALL PLUMBING FIXTURES AND HOT WATER TO ALL LAVATORIES.
4. PROVIDE DRAIN TO ANY WATER HEATERS.
5. PROVIDE A SLOPE ON ALL WASTE LINES OF 1/8" PER FOOT OF RUN (MINIMUM), UNLESS OTHERWISE NOTED ON THE PLANS.
6. ALL WASTE LINES SHALL BE PVC DWV.
7. ALL WATER LINES SHALL BE CPVC PIPE AND FITTINGS.
8. INSTALL AIR CHAMBERS AS NEEDED.
9. WATER SERVICE SHALL BE SCH. 40 PVC 1 1/4" OR AS NECESSARY TO PROVIDE NECESSARY WATER PRESSURE FOR PLUMBING FIXTURES TO WORK PROPERLY.
10. ALL ROOF FLASHING SHALL BE GALVANIZED WITH NEOPRENE COLLARS.
11. ALL WATER PIPES, WHERE PASSING THROUGH MASONRY WALL OR CONCRETE SHALL HAVE PROTECTIVE SLEEVES.
12. PROVIDE PIPE SLEEVES OR CONCRETE RELIEVING ARCH AT ALL LOCATIONS WHERE SANITARY PIPES PASS UNDER OR THROUGH CONCRETE FOOTINGS OR FOUNDATION ALL IN ACCORDANCE WITH THE STANDARD PLUMBING CODE.
13. ALL PVC PIPE SHALL BE SCHEDULE 40.
14. SPECIFY IN BID HOW MANY FEET OF SEWER AND WATER PIPE IS INCLUDED IN BID. SPECIFY PRICE PER FOOT FOR ADDITIONAL SEWER AND WATER PIPE.
15. ALL PLUMBING FIXTURES AND LABOR SHALL HAVE A STANDARD ONE YEAR WARRANTY FROM ISSUANCE OF CERTIFICATE OF OCCUPANTS.
16. ANY CHANGES TO THE FLUMBING THAT WILL RESULT IN PRICE INCREASE OR DECREASE SHALL NOT BE DONE UNTIL A WRITTEN CHANGE ORDER IS IN PLACE.



SUPPLY RISER
SCALE: NTS



PLUMBING RISER
SCALE: NTS

PINE GROVE
BAPTIST CHURCH

8/4/06

Freeman Design Group inc
161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00008791

DATE	DRAWN BY
7/11/06	J.T.D.
	APPROVED W.H.F.

REVISIONS

SHEET A-9
OF 11

PROJECT NO.
06-008