

BUILDING ADDITION PLANS FOR PINE GROVE BAPTIST CHURCH

1198 N US HWY 441
LAKE CITY, FLORIDA

PROJECT LOCATION

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 PREVENTION CODE
2002 NATIONAL ELECTRIC CODE.

BUILDING USE & OCCUPANCY CLASSIFICATION AS PER TABLE 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED.	
BUILDING GROUP OCCUPANCY	GROUP A-2
TABLE 503 TYPE OF CONSTRUCTION	TYPE I - UNPRO.
TABLE 503 AREA/HEIGHT LIMITATIONS	11.5 K/F/2 STORY
OCCUPANCY	
LOAD CAPACITY: OPEN SPACE SQ. FOOTAGE/15 = 2,247 SF/15 = 149.87	49 OCCUPANTS

INDEX OF SHEETS

SHEET	DESCRIPTION
SP-1	SITE PLAN
A-1	GENERAL NOTES
A-2	EXISTING FLOOR PLAN
A-3	NEW FLOOR PLAN
A-4	ELEVATIONS
A-5	FOUNDATION PLAN
A-6	ROOF PLAN
A-7	ELECTRICAL PLAN
A-8	DETAIL SHEET
S-1	WINDSTORM DETAIL SHEET
M-1	HVAC LAYOUT
M-2	PLUMBING PLAN



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, Inc.
101 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(904) 754-4239
CORPORATE OFFICE

APPROVED
(Subject to Revisions)
Inspection Department
Lake City Fire Dept.
State Fire Inspector
License # 113360
Date: 3-3-06

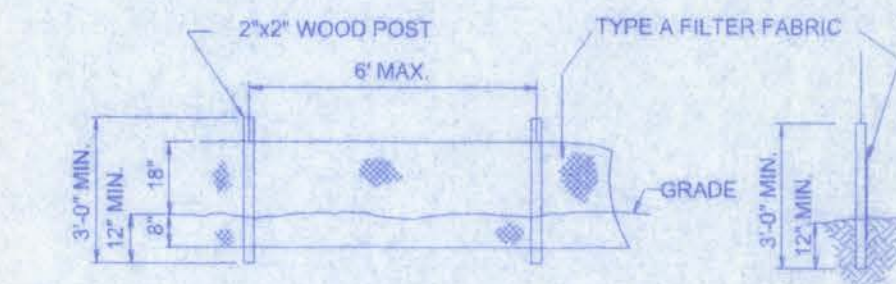
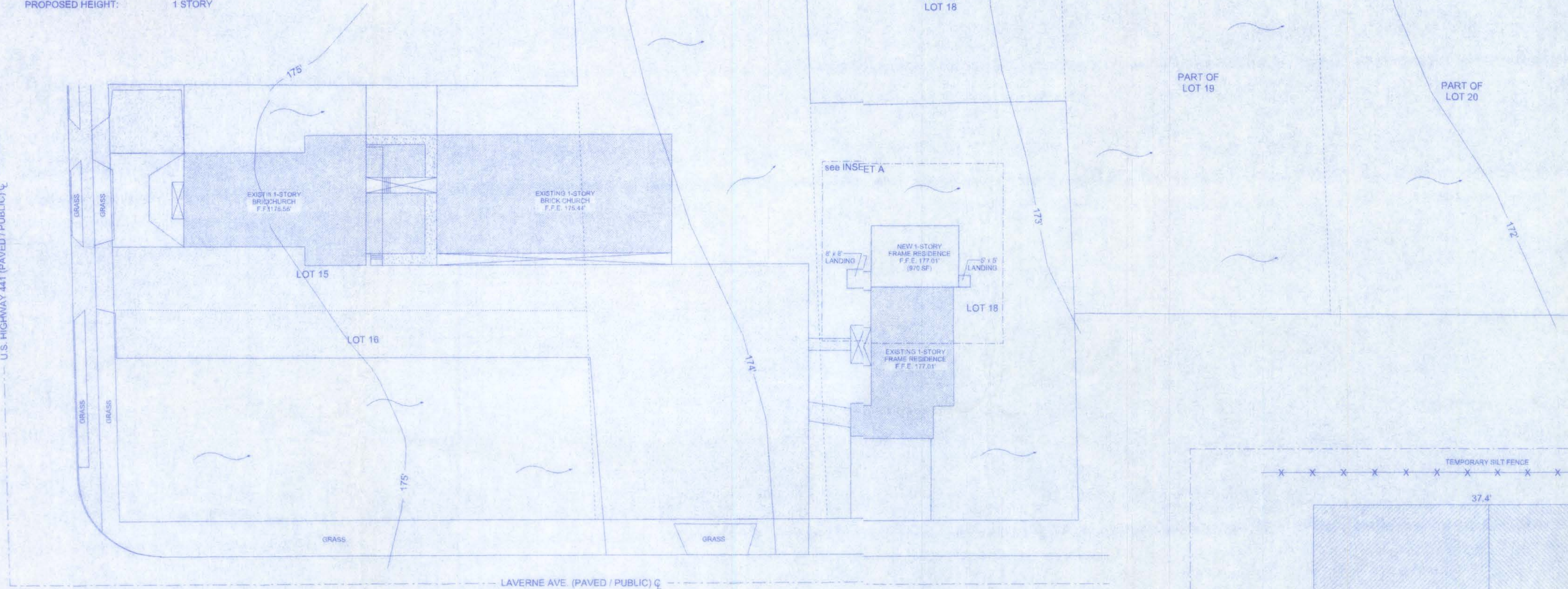
W. H. H. H.
1/21/06

SITE DATA

PROJECT: PINE GROVE BAPTIST CHURCH
LEGAL DESCRIPTION: REFER TO ATTACHE/SURVEY A-2
ZONING: A-2
AREA COMPUTATIONS:
IMPERVIOUS AREA CHANGES:
PERMIT ERP # 00-0578
IMPERVIOUS ADDED: 609.84 SF 0.14 ACRES
NEW IMPERVIOUS ADDED: 1,024.00 SF 0.24 ACRES

TOTAL IMPERVIOUS OF 0.014 ACRES UNDER NOTICE GENERAL PERMIT ERP # 00-0578; NEW IMPERVIOUS AREA OF 0.024 ACRES WILL BRING THE TOTAL IMPERVIOUS UNDER THE NOTICE GENERAL TO LESS THAN 1/4 ACRE, OR 0.38 ACRES; THEREFORE, CONSTRUCTION OF A RETENTION POND OR STORM-WATER FACILITY WILL NOT BE REQUIRED.

BUILDING GROUP: "A-2"
TYPE OF CONSTRUCTION: TYPE V, UNPROTECTED
ALLOWABLE AREA: 11,500 SF
ALLOWABLE HEIGHT: 2 STORIES
PROPOSED AREA: 975.00 SF
PROPOSED HEIGHT: 1 STORY



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 REGRASS.
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 CONTROL 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 BERMAUDA GRASS OR AN APPROVED ALTERNATIVE GRASS SEED. 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 & S PLAN UNTIL AS-BUILTS ARE SUBMITTED.

PINE GROVE BAPTIST CHURCH

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

CERTIFICATE OF AUTHORIZATION (C-0000070)



Freeman
Design Group Inc.

DATE: 1/13/06
DRAWN BY: J.T.D.

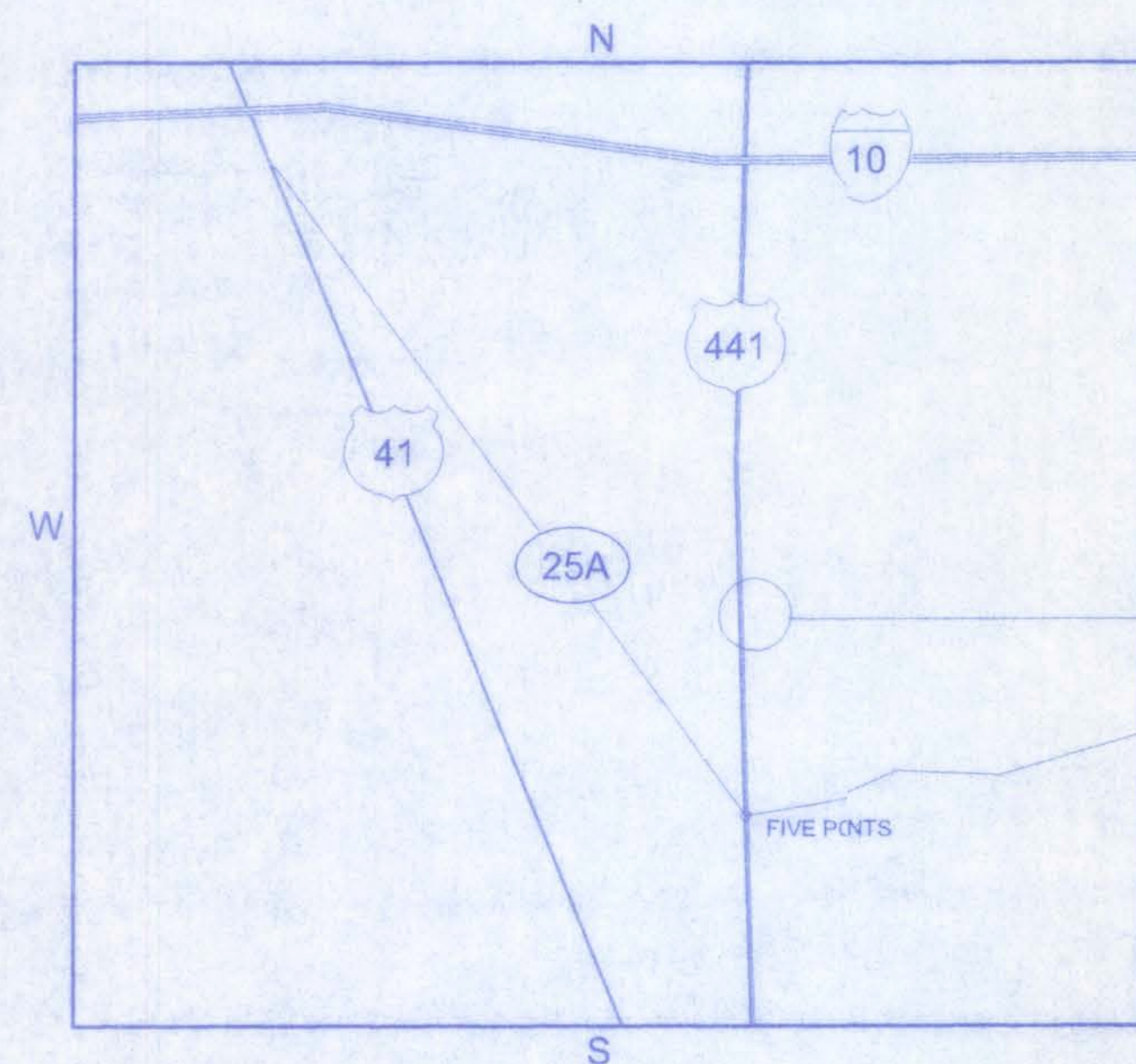
APPROVED: W.H.F.

REVISIONS

SHEET SP-1

OF 1

PROJECT NO.
05.C022



PROJECT LOCATION

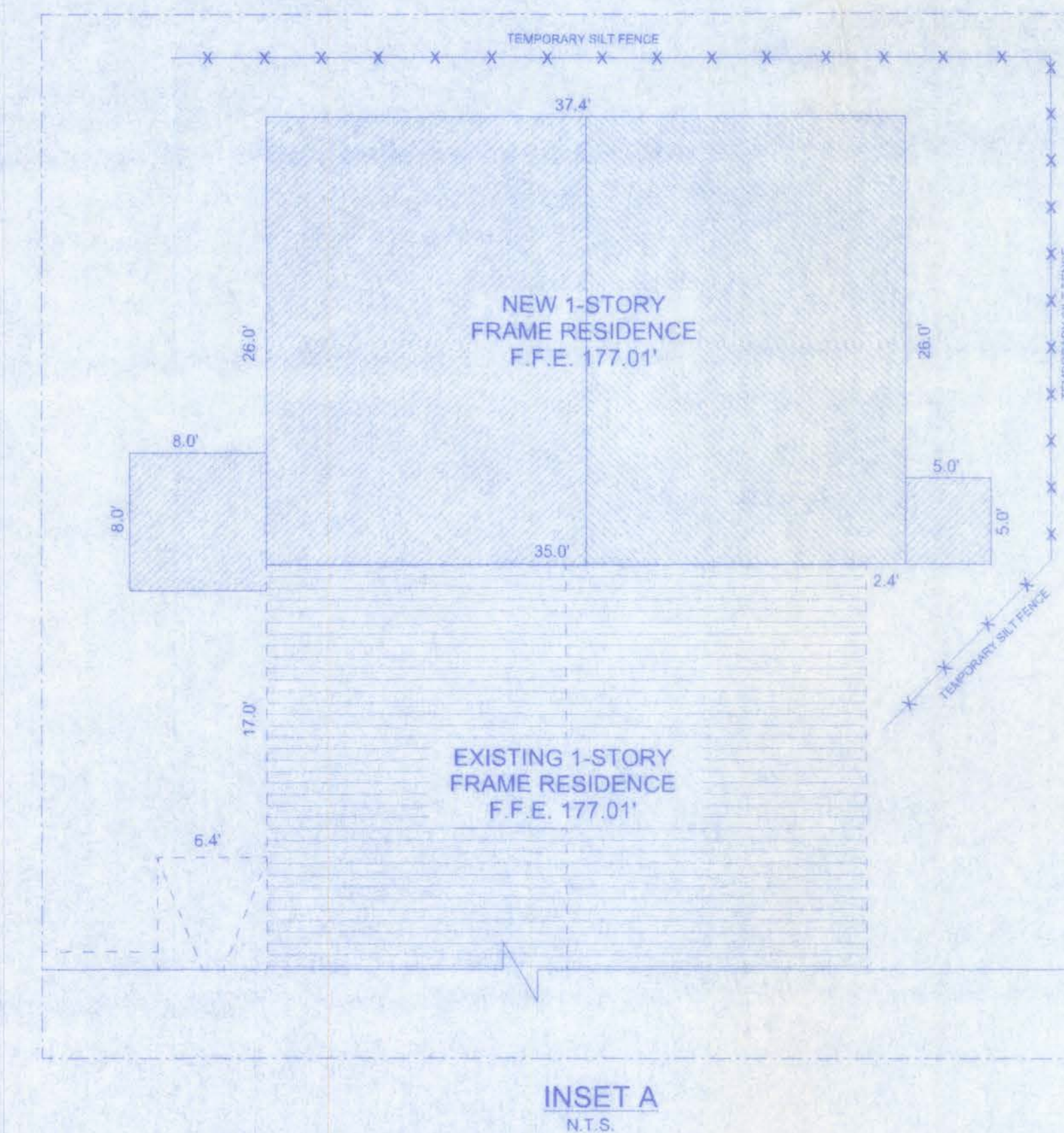
DESCRIPTION:

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
1199 N US HWY 441
LAKE CITY, FLORIDA

SITE PLAN

SCALE: 1" = 30'



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 STRUCTURE, 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 CUT NOTCHED OR OTHERWISE REDUCED IN STRENGTH.
- G4 THE GENERAL CONTRACTOR SHALL COORDINATE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ANCHORED, EMBEDDED AND SUPPORTED ITEMS WHICH AFFECT THE STRUCTURAL DRAWINGS AND NOTIFY THE ARCHITECT/ENGINEER OF 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 CONSTRUCTED TO BE TYPICAL OR SIMILAR UNLESS ANOTHER SECTION OR DETAIL IS NOTED.
- G7 THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION, INCLUDING FABRICATION. ALL DISCREPANCIES SHALL BE REPORTED TO THE A/E FOR RESOLUTION.

FOUNDATIONS

- F1 A GEOTECHNICAL REPORT FOR THIS PROJECT WAS NOT PROVIDED BY THE OWNER. THESE PLANS ARE BASED UPON AN ASSUMED ALLOWABLE BEARING CAPACITY OF 2000 PSF. THE CONTRACTOR SHALL ENGAGE A QUALIFIED AND CERTIFIED GEOTECHNICAL ENGINEER TO DETERMINE THE ALLOWABLE SOIL BEARING CAPACITY. A COPY OF THE REPORT SHALL BE PROVIDED 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 DIVERSELY AFFECT THE PROJECT. THE CONTRACTOR SHALL REMOVE ALL SUCH MATERIAL AND REPLACE IT WITH APPROVED FILL.
- F3 SUBGRADE UNDER FOOTINGS AND SLABS SHALL 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 BY 3/8" DEEP) AS INDICATED ON PLAN. FILL JOINTS WITH POURED RUBBER. IF JOINTS ARE SAWCUT, SAWCUTTING MUST BE DONE THE SAME DAY THE CONCRETE IS PLACED.
- S3 PROVIDE 1/2" EXPANSION JOINTS AT ALL LOCATIONS WHERE SLABS ABUT STRUCTURES (WALLS, COLUMNS, ETC.).

GENERAL NOTES

CONCRETE AND REINFORCING

- C1 THE GENERAL CONTRACTOR SHALL ENGAGE A CERTIFIED TESTING AGENCY TO PERFORM INDUSTRY STANDARD TESTING INCLUDING SLUMP TESTS AND CYLINDER BREAKS 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 OTHERWISE 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 WELDED. 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

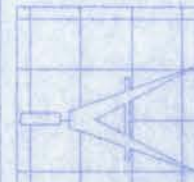
NOTE: CEILING HEIGHT IN BATHROOMS SHALL BE NOT LESS THAN 7'-0".

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.

NOTE:
guardrails shall form a vertical protective barrier not less than 42" high. open guardrails shall have intermediate rails or ornamental pattern such that a 4" sphere cannot pass through any opening up to a height of 34". a bottom rail or curb shall be provided that will reject the passage of a 2" sphere.

PINE GROVE
BAPTIST CHURCH

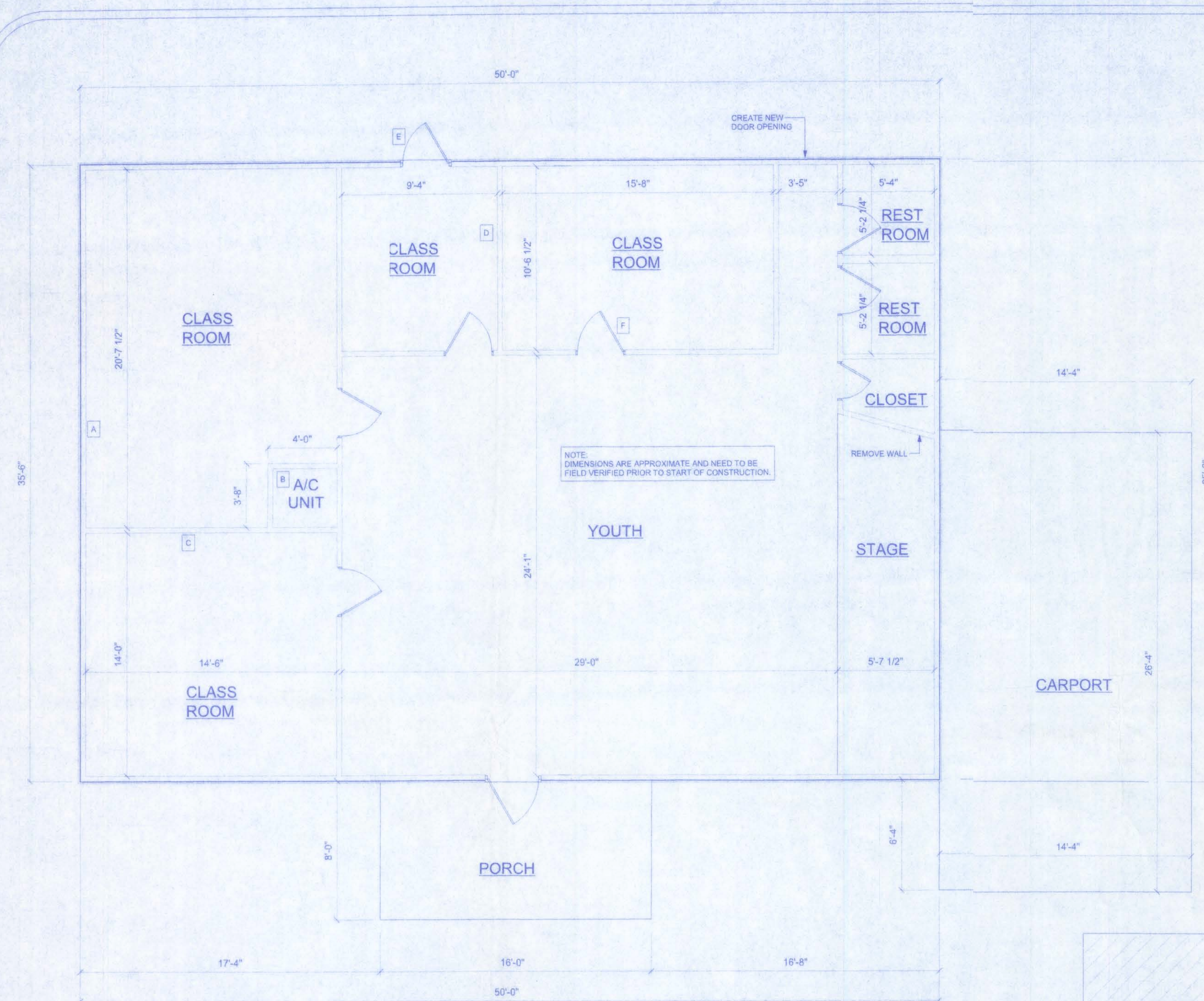
161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386) 758-4209



Freeman
Design Group
INC.

CERTIFICATE OF AUTHORIZATION # 00080701

DATE 1/13/06	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET OF	A-1 8
PROJECT NO. 05.C022	



EXISTING YOUTH BUILDING
SCALE: 1/4" = 1'-0"

CONSTRUCTION / DEMOLITION NOTES

- A - EXTERIOR SIDING TO BE REMOVED; WALL TO REMAIN, BUT WILL BECOME AN INTERIOR LOAD BEARING WALL..
- B - WALL TO BE REMOVED; WILL BE REPLACED IN ACCORDANCE WITH THE PROPOSED ADDITION PLAN(S).
- C - WALLS AROUND EXISTING HVAC UNIT TO BE REMOVED; EXISTING HVAC UNIT TO BE RELOCATED IN ACCORDANCE WITH THE PROPOSED ADDITION PLAN(S).
- D - WALL TO BE REMOVED; TWO CLASS ROOMS WILL BE COMINED TO MAKE ONE LARGE CLASSROOM (SEE PROPOSED ADDITDN).
- E - EXTERIOR DOOR TO BE REMOVED, OPENING IN EXTERIOR WALL TO BE CLOSED; DOOR TO BE RELOCATED IN ACCORDANCE WITH PROPOSED ADDITION PLAN(S).
- F - INTERIOR DOOR TO BE REMOVED AND OPENING IN WALL CLOSED.

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

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

PINE GROVE
BAPTIST CHURCH

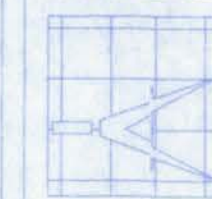
161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386) 758-4209

CERTIFICATE OF AUTHORIZATION # 00008701

Freeman
Design Group Inc.

PINE GROVE BAPTIST CHURCH

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32033
(386)758-4209



Freeman
Design Group

DATE
1/30/06

REVISIONS

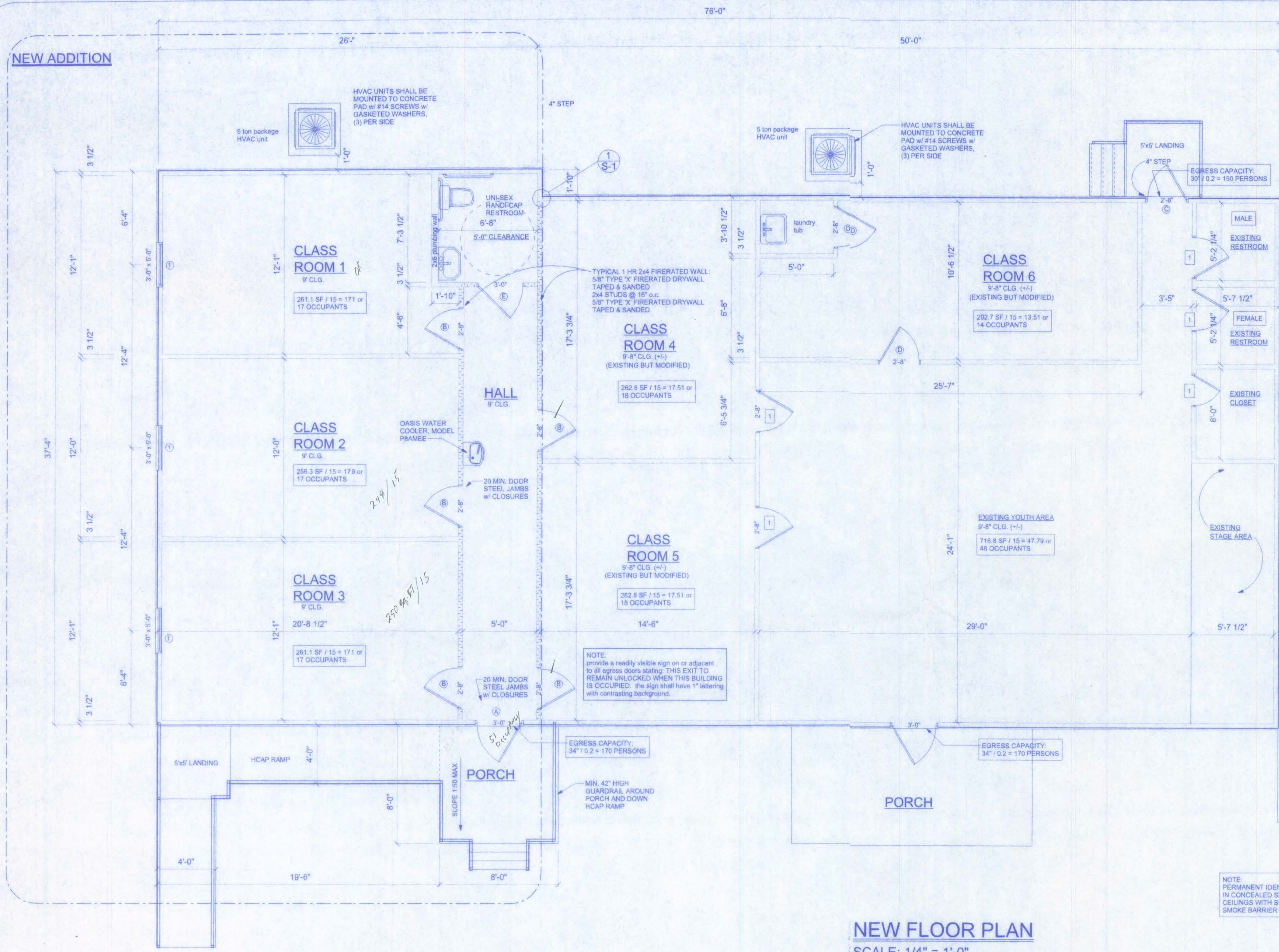
SHEET A-3

OF 8

PROJECT NO.
01.0022

CERTIFICATE OF AUTHORIZATION # 0008701

W. J. D.
1/3/06



BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED.	
BUILDING GROUP OCCUPANCY	GROUP A-2
TABLE 500 TYPE OF CONSTRUCTION	TYPE V - UNPRO.
TABLE 500 AREA/HEIGHT LIMITATIONS	11.5 KSF/2 STORY
OCCUPANCY:	
ASSEMBLY w/o FIXED SEATING: 1:15SF GROSS 2,227 SF / 15 = 148.47 OR 149	
	149 OCCUPANTS

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 NWDA 101/RS2 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 AREA:	
NEW MAINFLOOR:	976 SF
NEW PORCH:	48 SF
TOTAL NEW AREA:	1,024 SF
TOTAL AREA:	2,746 SF

NOTE:
1 - EXISTING DOOR

NEW FLOOR PLAN

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

NEW DOOR SCHEDULE

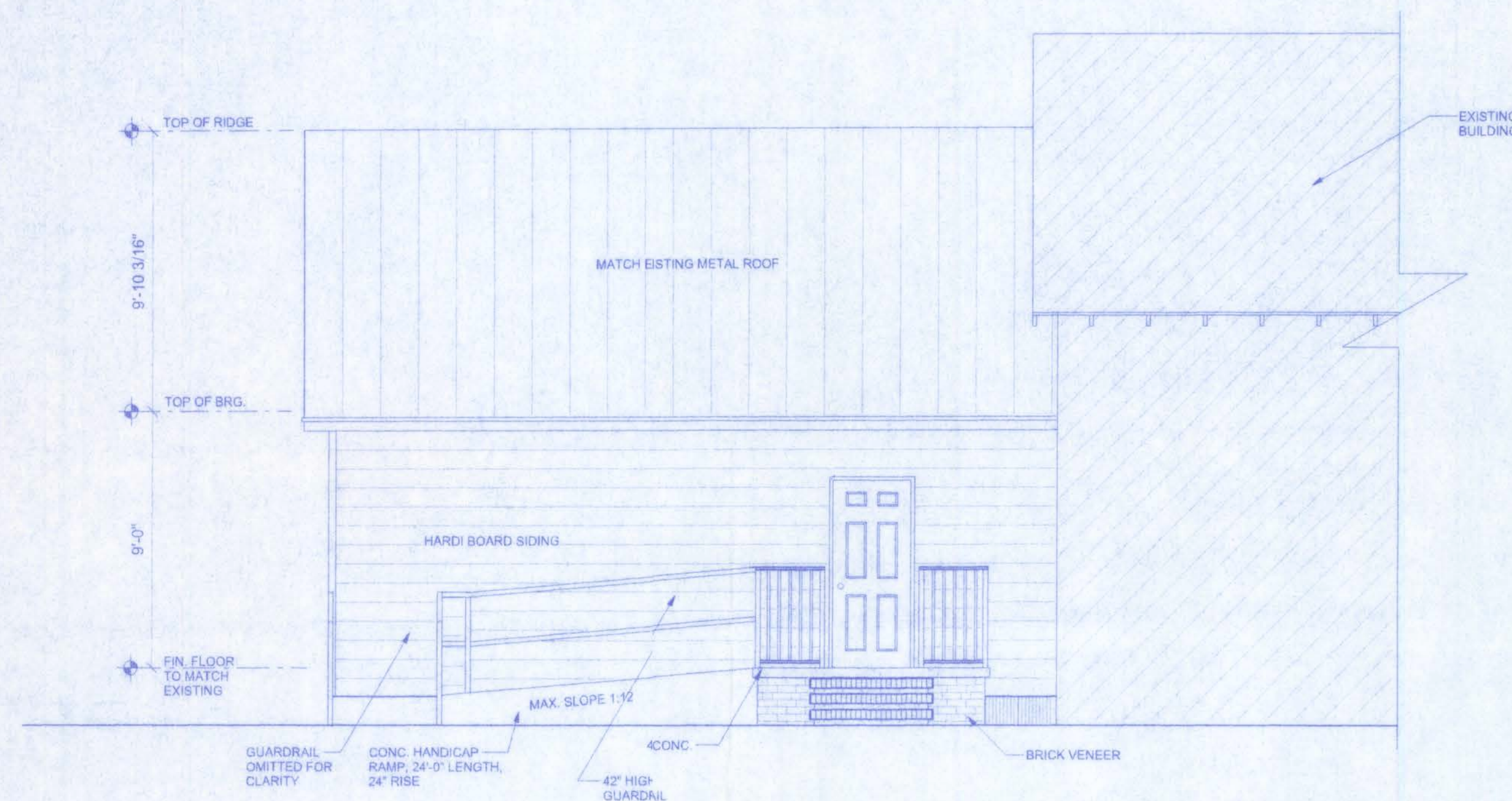
LOCATION	DOOR SIZE			TYPE	MATERIAL		FIRE RATING	FINISH	LOCKS	REMARKS
	WIDTH	HEIGHT	THICK		DOOR	FRAME				
A FRONT, EXTERIOR	3'-0"	6'-8"	1 3/4"	-	STEEL	METAL	20 MIN	PAINT	ENTRY LOCK DEAD BOLT	SELF-CLOSING
B CLASSROOMS 1-5	2'-8"	6'-8"	1 3/4"	-	BIRCH	METAL	20 MIN	PAINT	PRIVACY	SELF-CLOSING
C REAR, EXTERIOR	2'-8"	6'-8"	1 3/4"	-	STEEL	METAL	20 MIN	PAINT	ENTRY LOCK DEAD BOLT	6 PANEL
D UNISEX H.C. BATH	3'-0"	6'-8"	1 3/4"	-	BIRCH	METAL	20 MIN	PAINT	PRIVACY	SELF-CLOSING
E CLASSROOM 6, HVAC CLOSET	2'-8"	6'-8"	1 3/8"	-	MASONITE	WOOD		PAINT	PRIVACY	6 PANEL

NEW WINDOW SCHEDULE

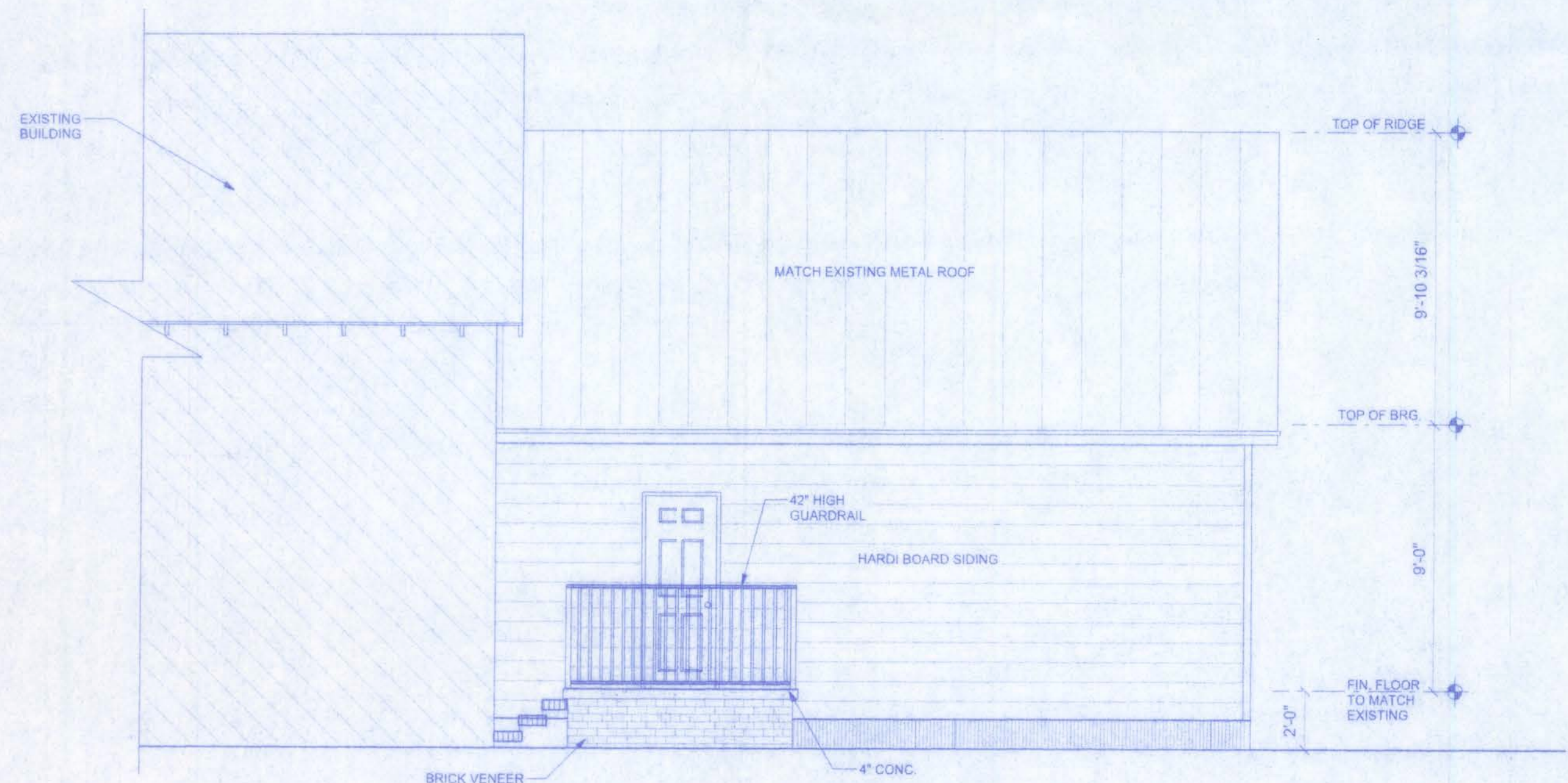
NO.	CALL SIZE	WINDOW SIZE		MATERIAL		QUANTITY PER OPENING	ROUGH OPENING		WIND PRESS.	REMARKS
		WIDTH	HEIGHT	FRAME	GLASS		WIDTH	HEIGHT		
1	3050	36"	60"	ALUM.	LAMINATED 5/16" IMPACT RESISTANT	1	36"	60"	1.45 PSF - 52 PSF @ EA. WINDOW	PRODUCT CONTROL DATA ATTACHED

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



NEW REAR ELEVATION
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTS:

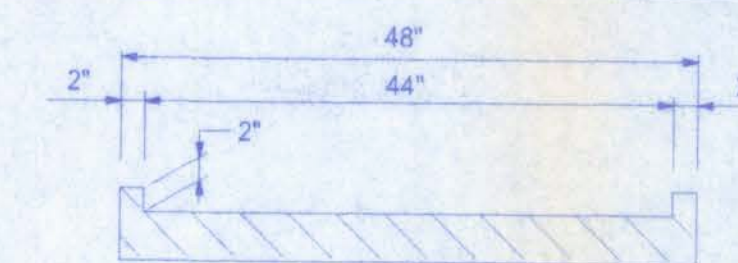
THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITY FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR REVIEWING THE PLANS AND VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION INCLUDING FABRICATION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION.

DO NOT SCALE 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 PLAN SETS:

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT/ENGINEER. 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 SPECIFICATIONS ON THE PLANS.



RAMP CROSS SECTION

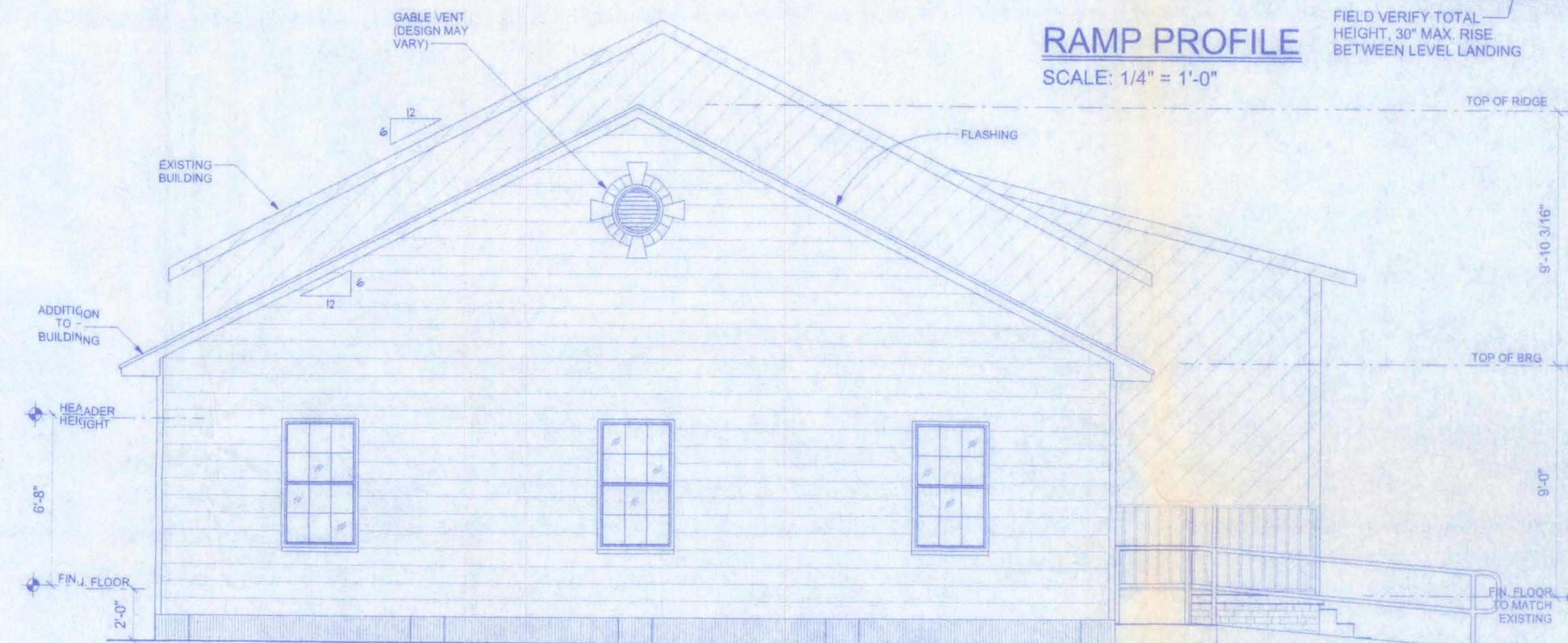
SCALE: 3/4" = 1'-0"

NOTES:
HANDRAILS SHALL BE LOCATED ON BOTH SIDES OF RAMP.
PROVIDE NON SLIP SURFACE ON RAMP.
MINIMUM CLEARANCE BETWEEN HANDRAILS SHALL BE 44".



RAMP PROFILE

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



NEW SIDE ELEVATION

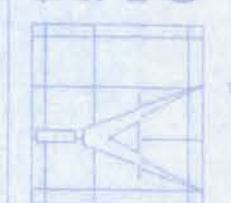
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE WORK DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
5. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING OF THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
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.

PINE GROVE
BAPTIST CHURCH

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



Freeman
Design Group

DATE
1/13/06
DRAWN BY
J.T.D.
APPROVED
W.H.F.

REVISIONS

SHEET
A-4

OF
8

PROJECT NO.
05C022

CERTIFICATE OF AUTHORIZATION #0008701

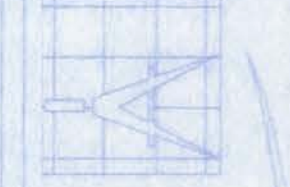
1/20/06

W. H. H. H.
1/20/06

PINE GROVE
BAPTIST CHURCH

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

CERTIFICATE OF AUTHORIZATION # 0008701



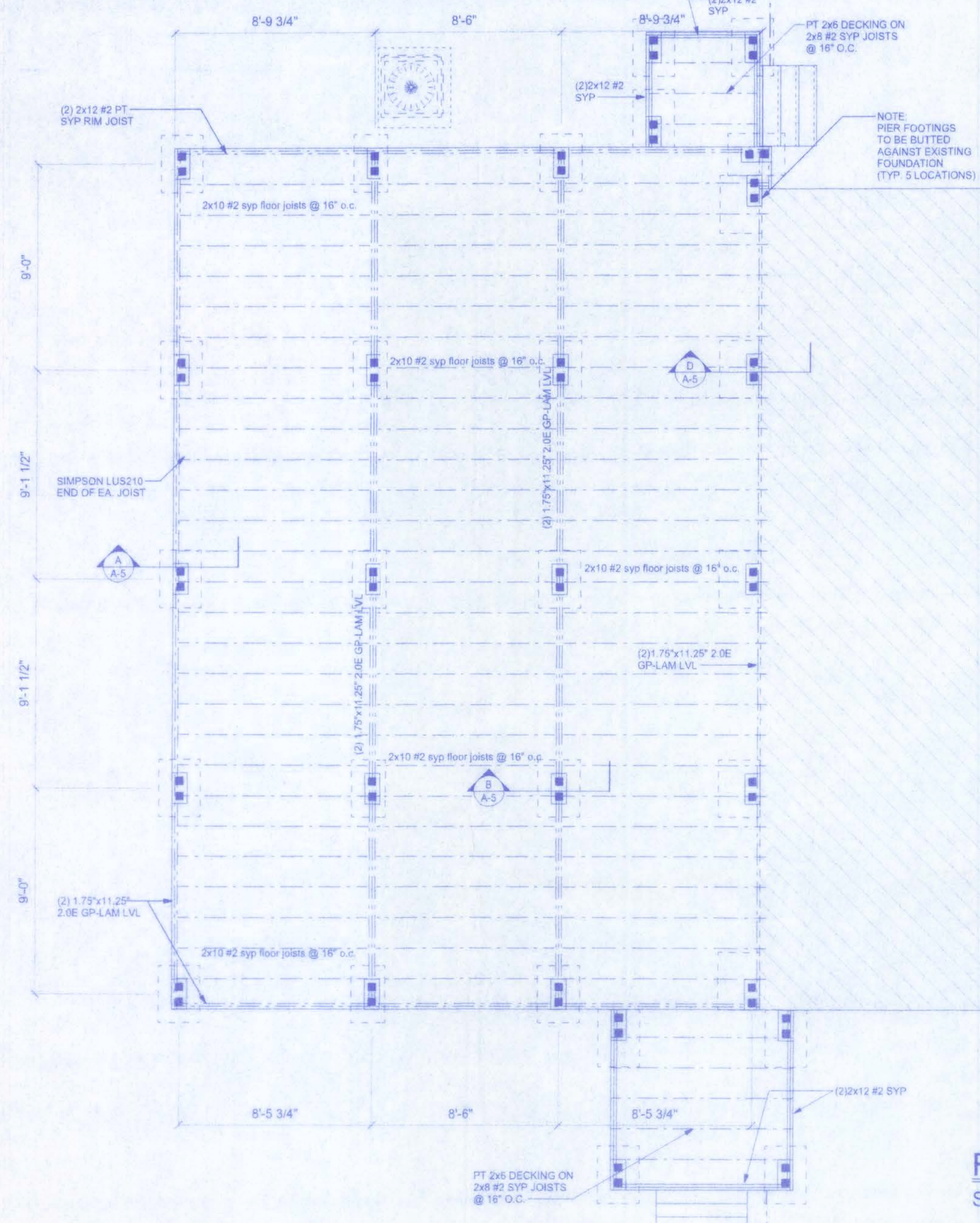
Freeman
Design Group
INC.

DATE
1/13/06
DRAWN BY
J.T.D.
APPROVED
W.H.F.

REVISIONS
SHEET
A-5

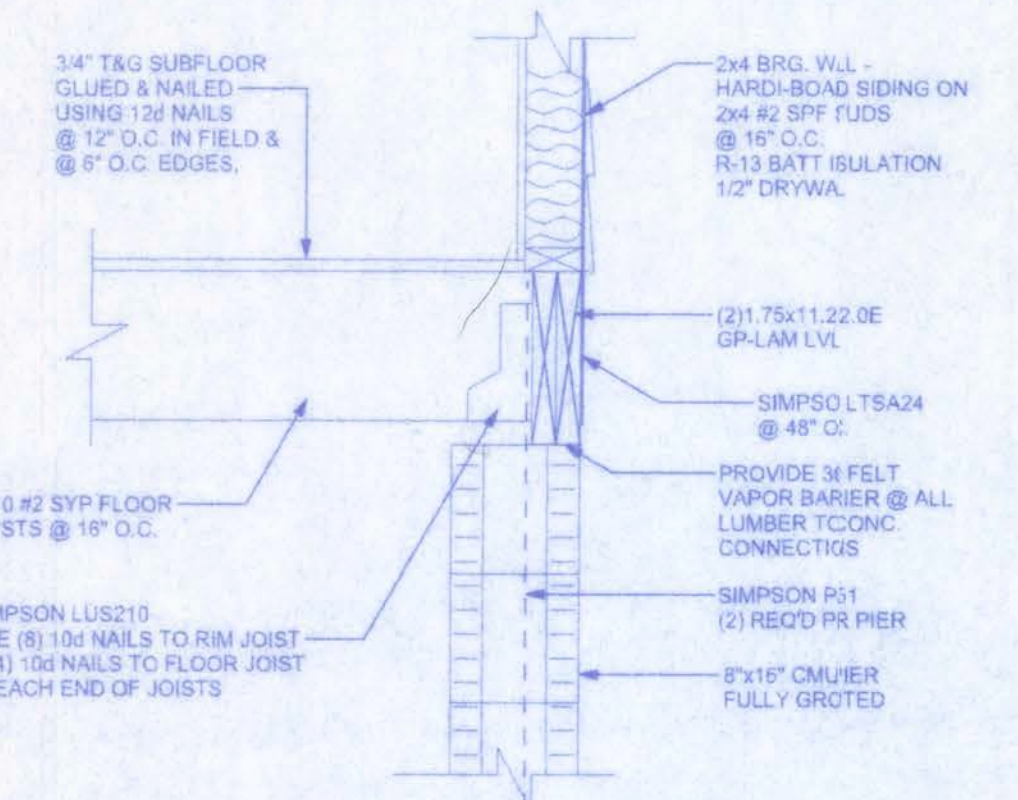
PROJECT NO.
05.C022

NEW FOUNDATION

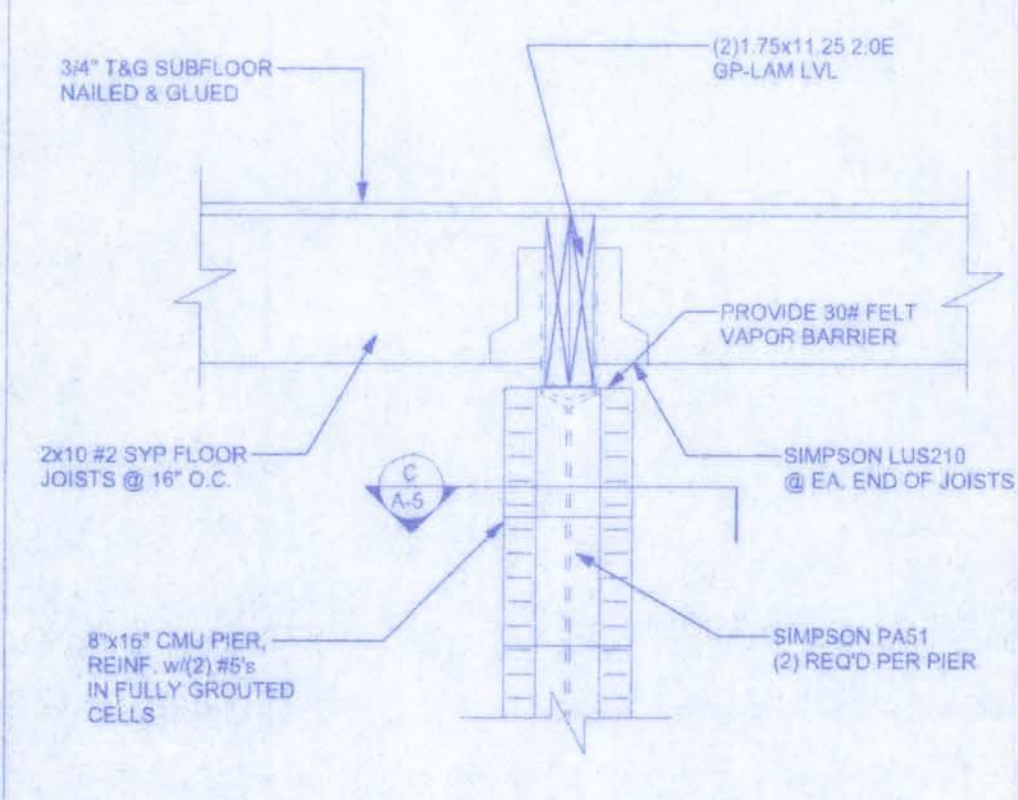


EXISTING FOUNDATION

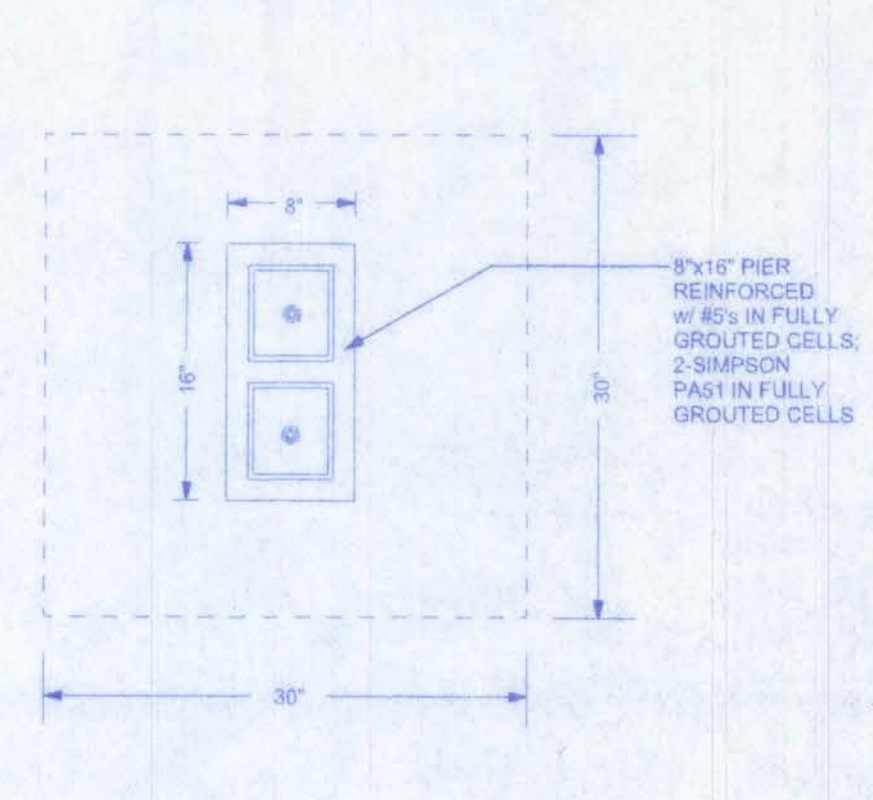
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



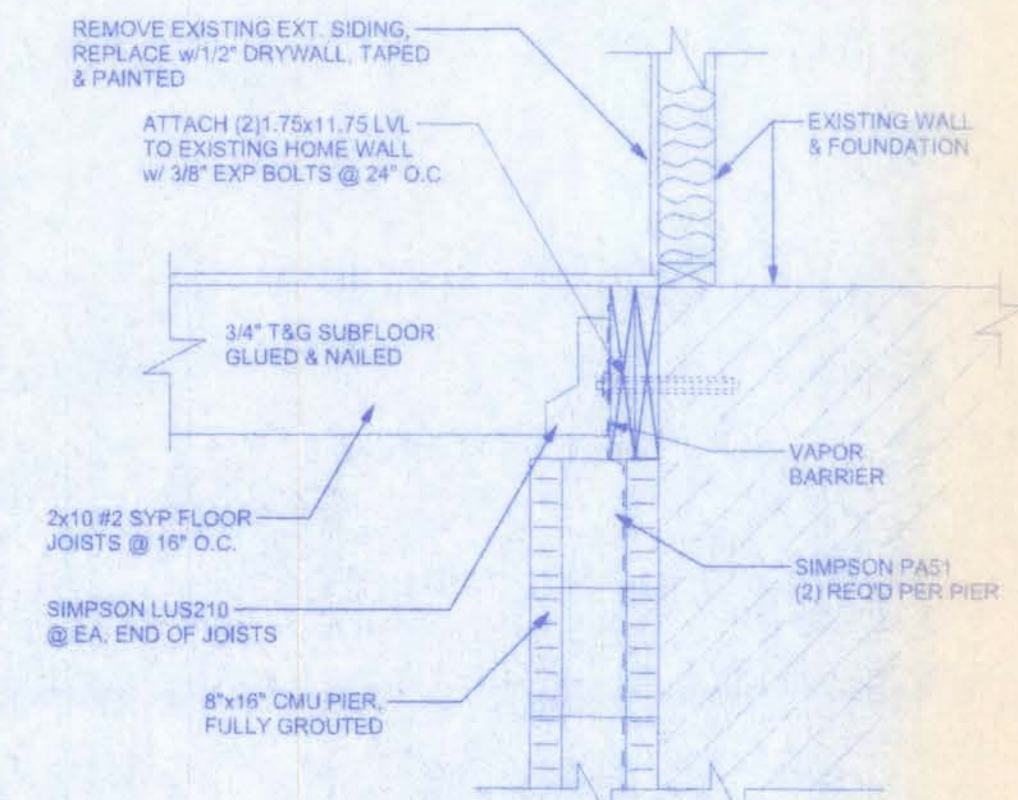
A SECTION @ SIDEWALL
SCALE: 1" = 1'-0"



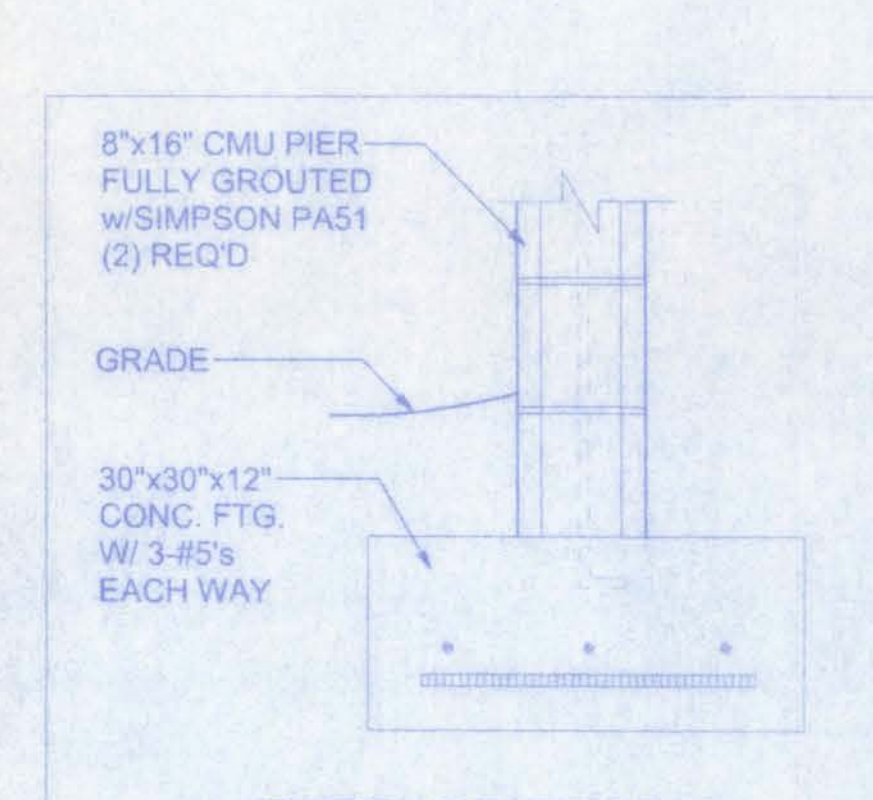
B SECTION @ CENTER
SCALE: 1" = 1'-0"



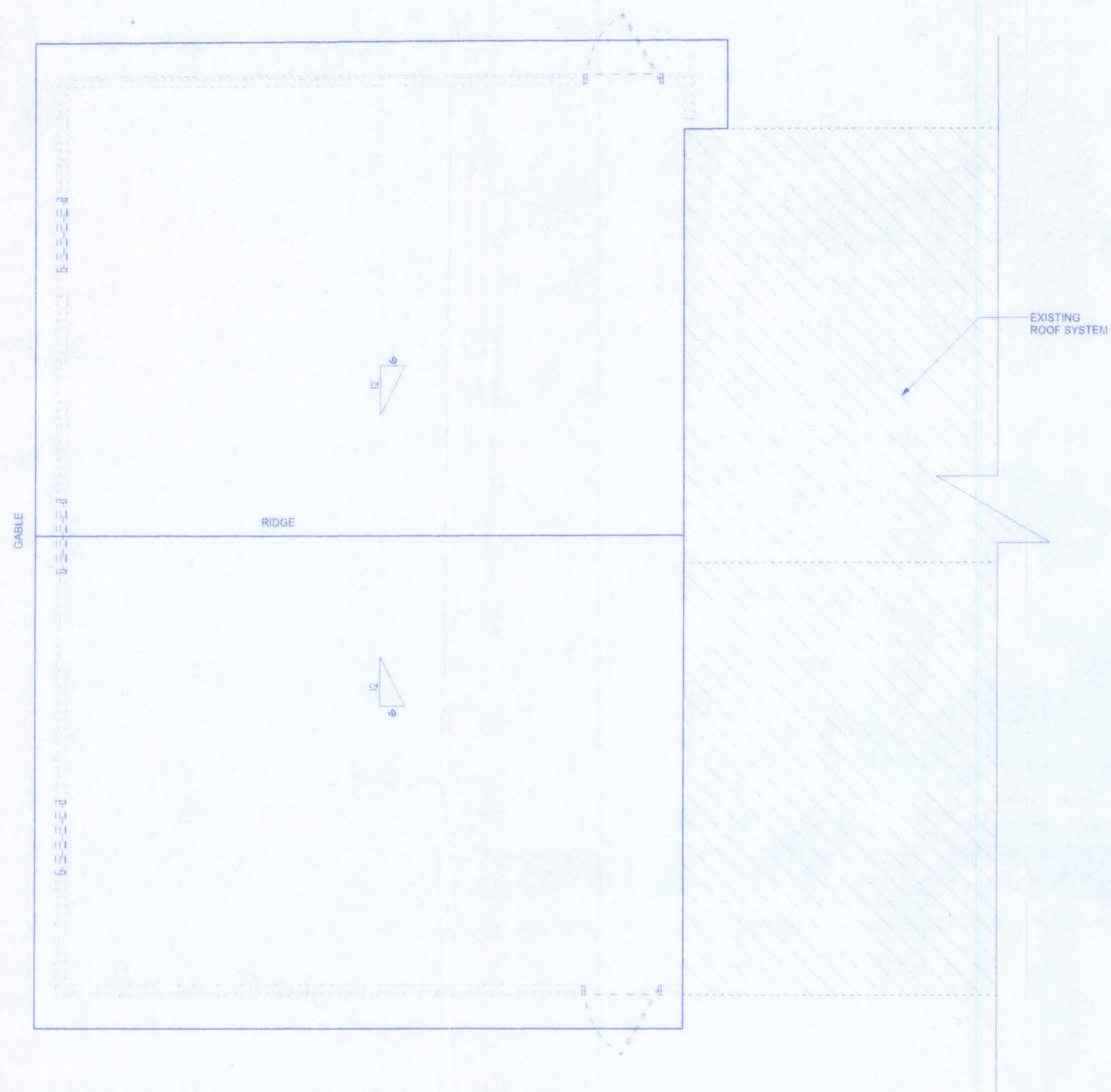
C TYP. PIER SECTION
SCALE: 3/4" = 1'-0"



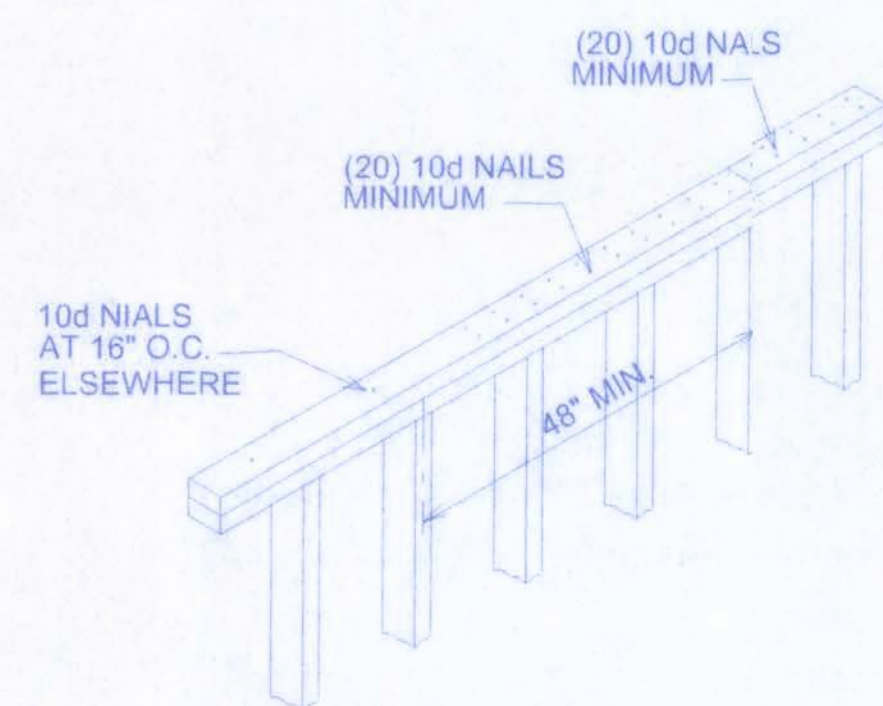
D SECTION @ SIDEWALL
SCALE: 1" = 1'-0"



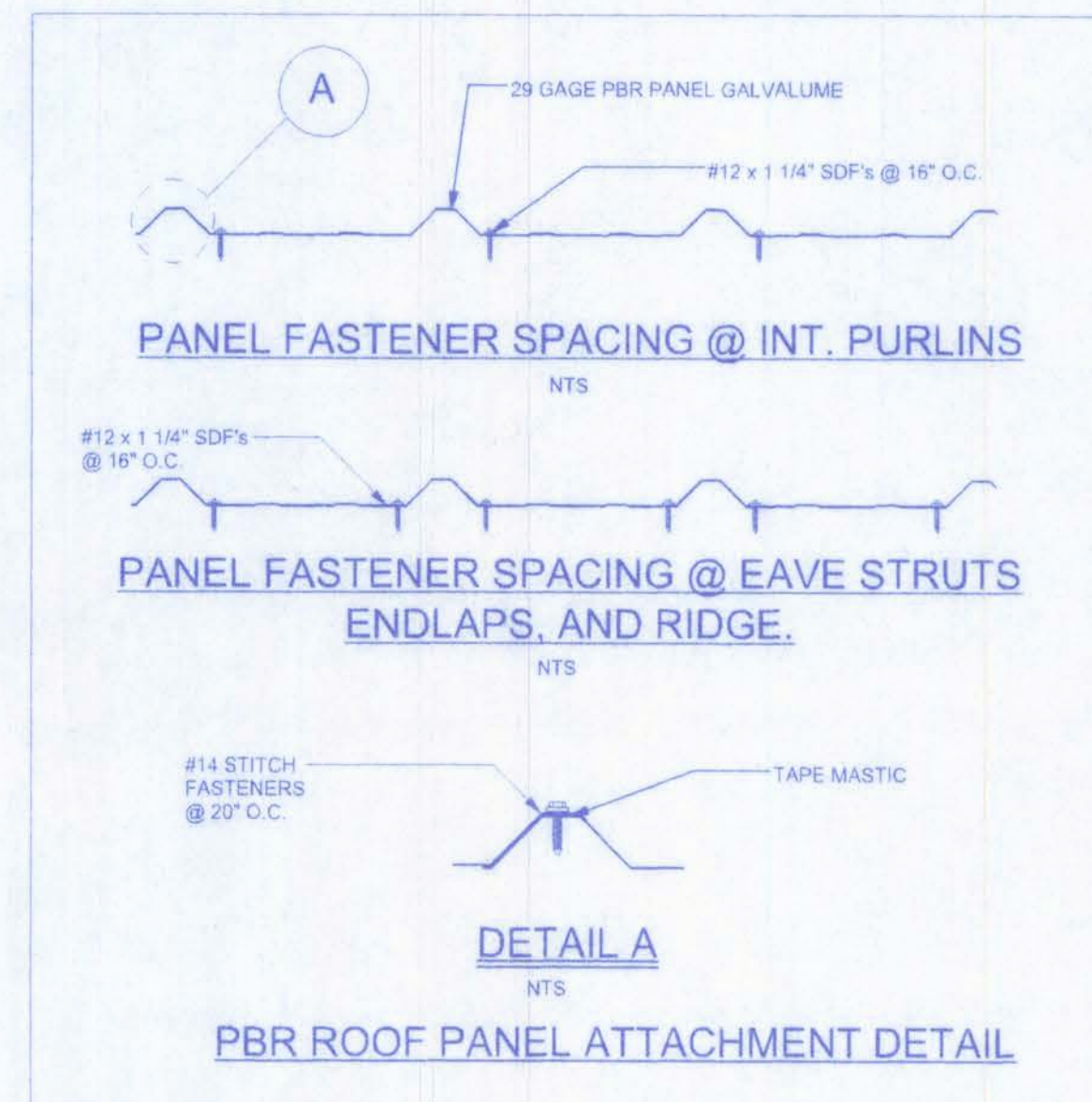
E PIER SECTION
w/ FOOTING (TYP)



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

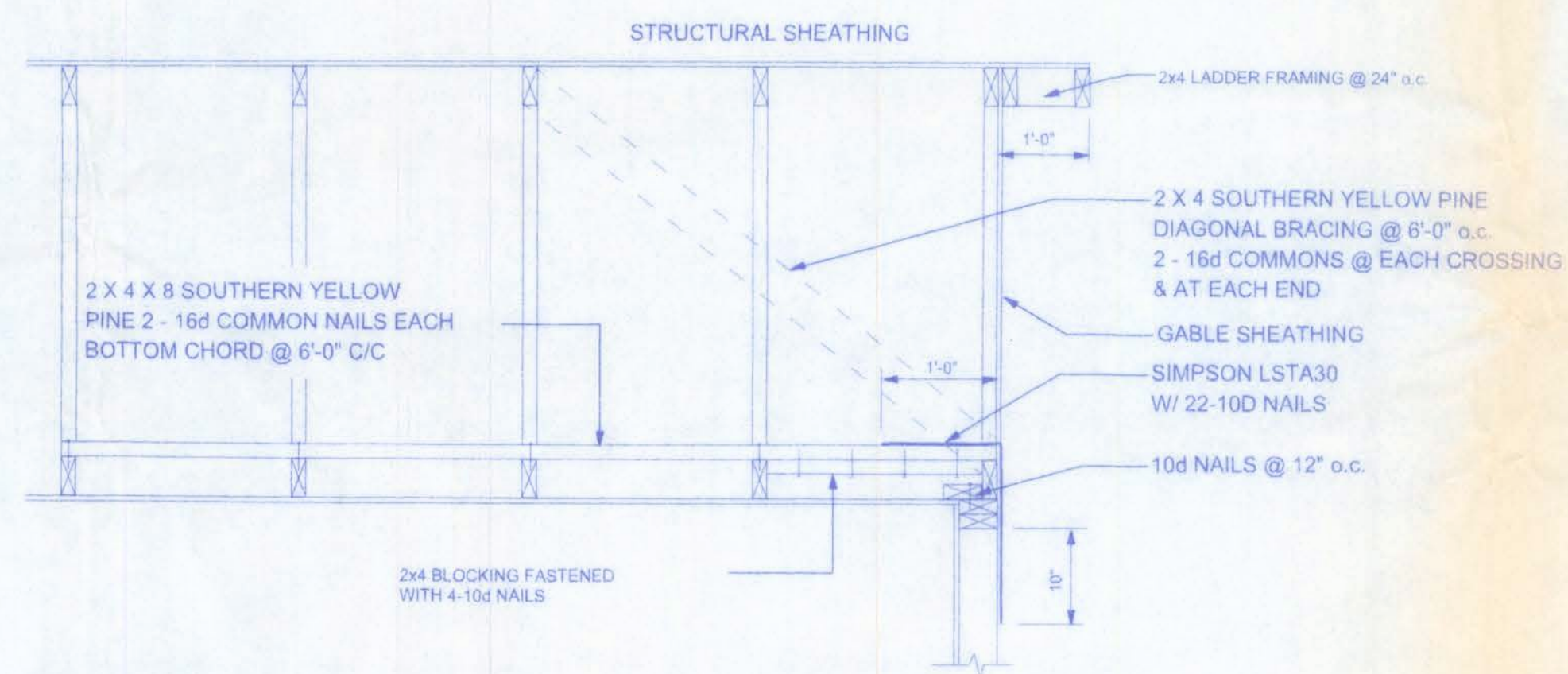
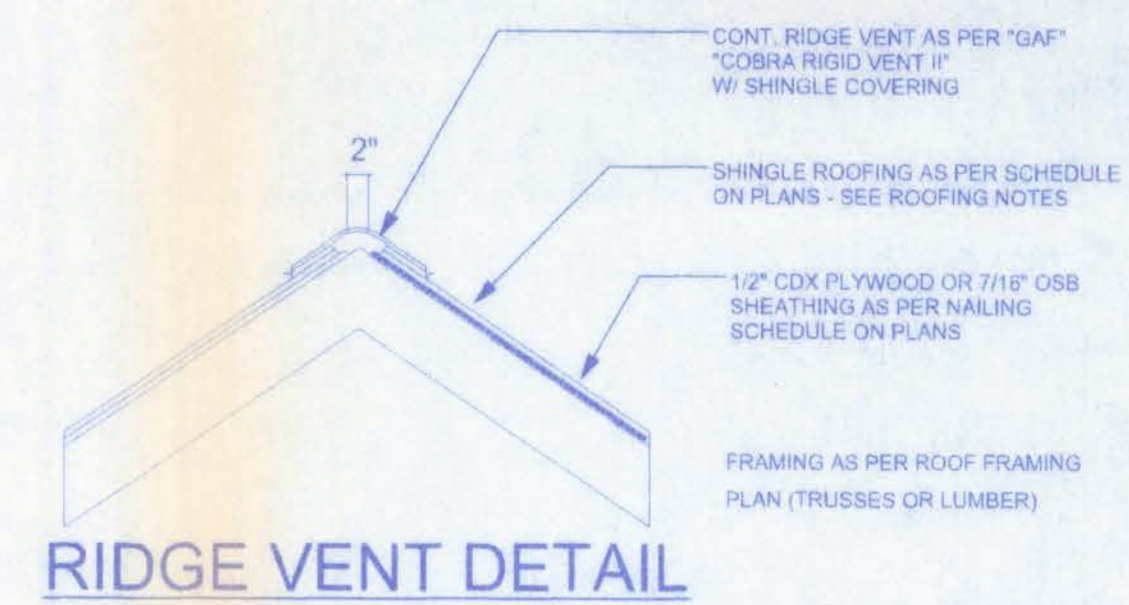


TOP PLATE SPLICE DETAILS
SCALE: 1/2" = 1'-0"



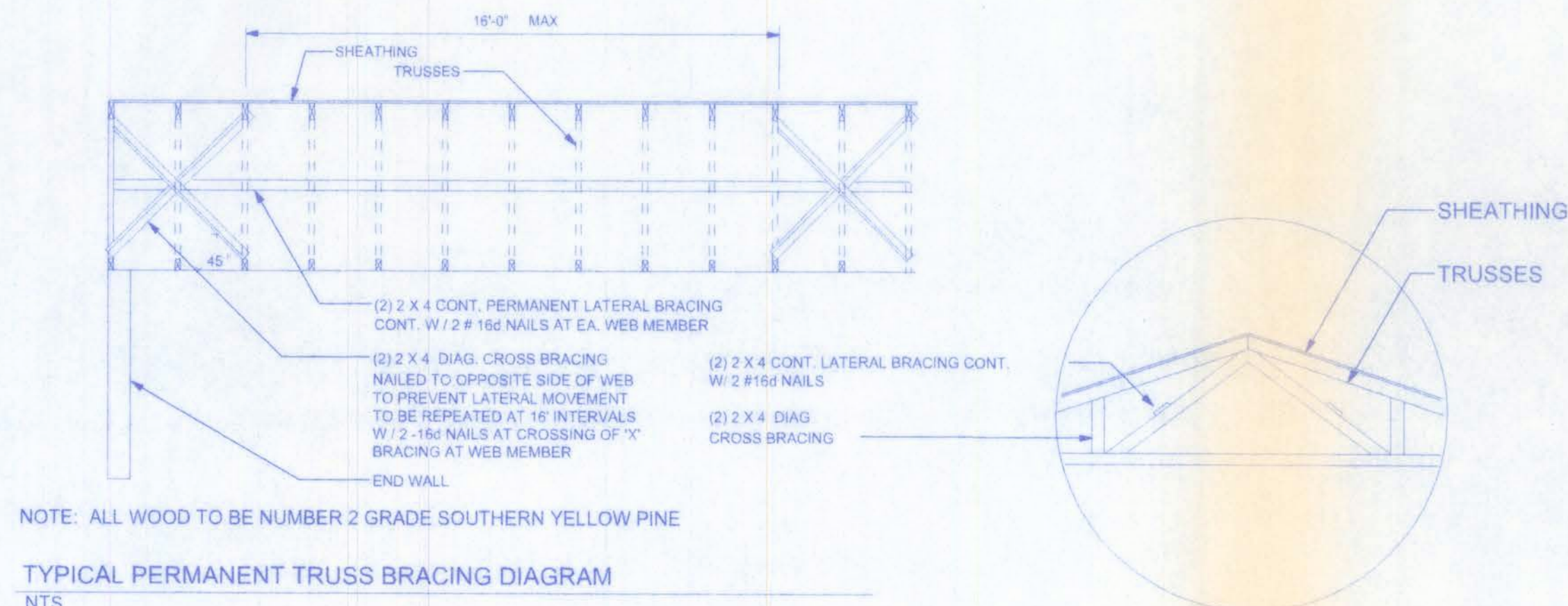
VENTILATION REQUIREMENTS

Total Attic Square Footage	Recommended Length of Cobra Rigid Vent II (Feet)	Minimum Intake Ventilation (Net Free Area in Sq. In.)
1600	21	384
1900	25	456
2200	29	528
2500	33	600
2800	41	744
3100	41	820
3400	45	816



END WALL BRACING FOR CEILING DIAPHRAGM

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

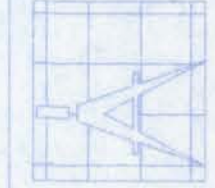


NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE
TYPICAL PERMANENT TRUSS BRACING DIAGRAM
NTS

W.H.H.
1/26/06

**PINE GROVE
BAPTIST CHURCH**

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



Freeman
Design Group inc

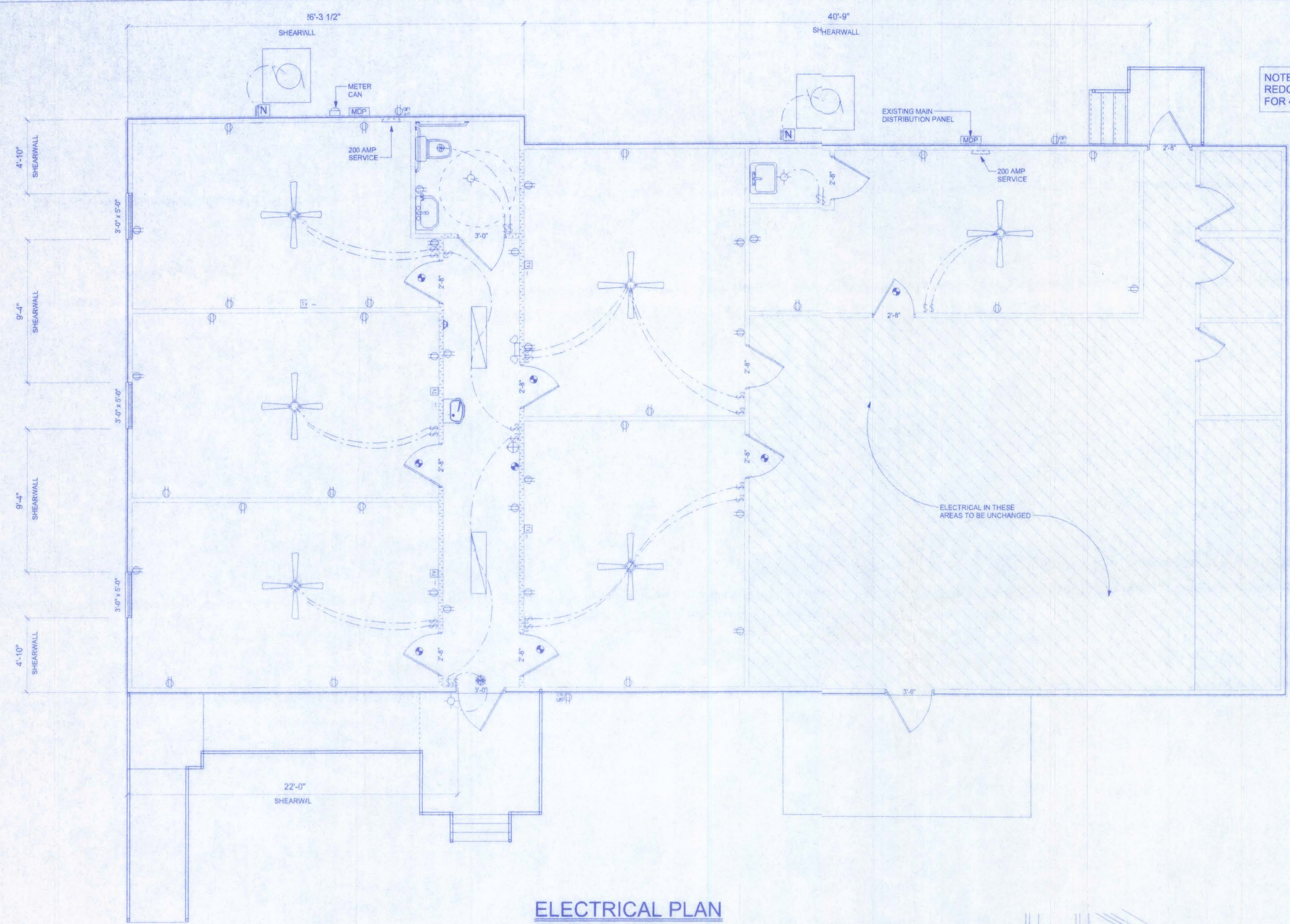
DATE 11/3/06
DRAWN BY J.T.D.
APPROVED W.H.F.
REVISIONS

SHEET A-6

OF 8

PROJECT NO. 05 C022

CERTIFICATE OF AUTHORIZATION # 00008701



NOTE:
REDO SERVICE ENTRANCE
FOR 400 AMP SERVICE

ELECTRICAL IN THESE
AREAS TO BE UNCHANGED

ELECTRICAL PLAN

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

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

NOTE:
THE MINIMUM A/C RATING FOR PANEL BOARDS,
BREAKERS, AND DISCONNECT SWITCHES
SHALL BE 10,000 A/C.

LIFE SAFETY NOTES

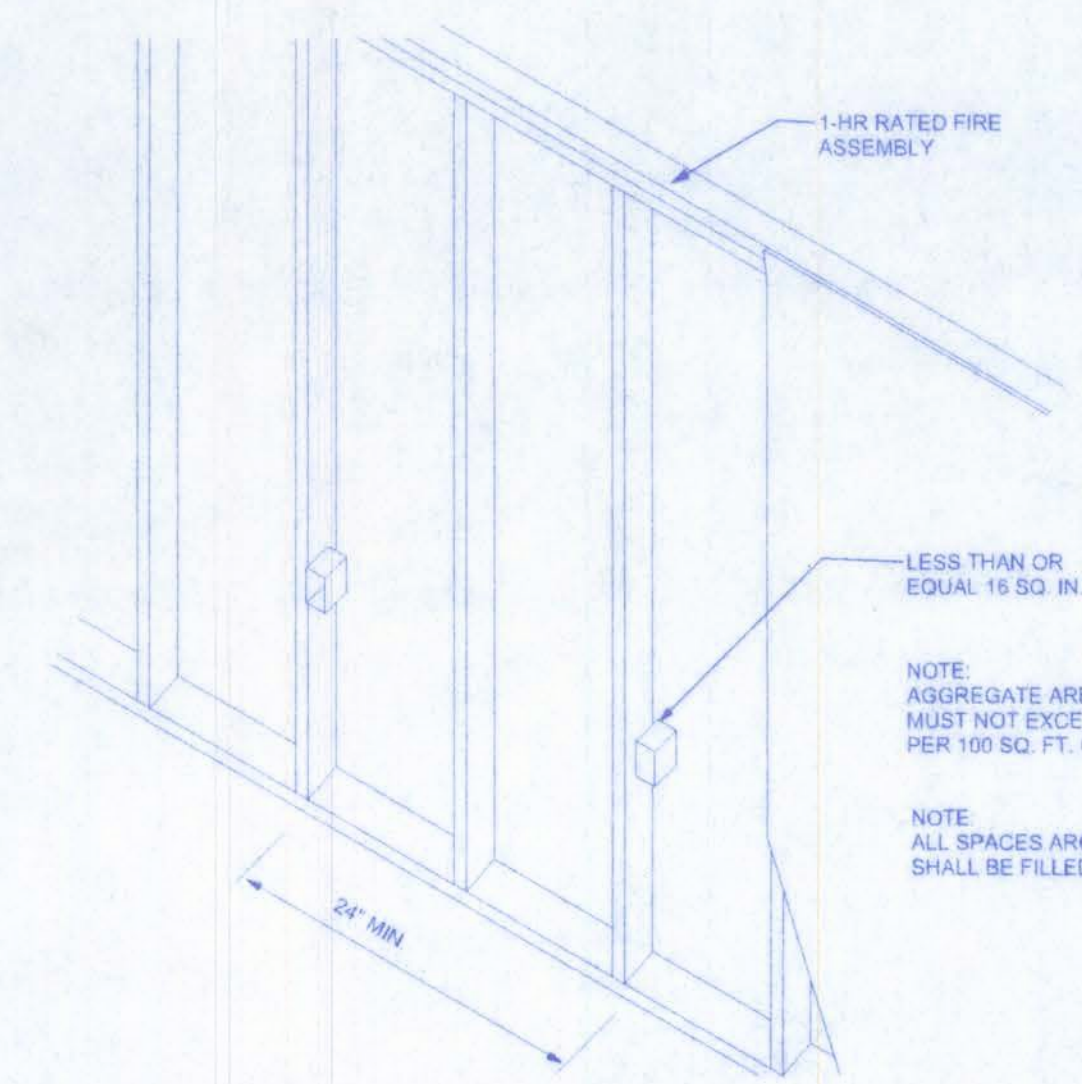
ALL EXIT AND EMERGENCY LIGHTING SHALL BE
INSTALLED PER NEC 700-12, 2001 EDITION.

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 OCCUPANT'S
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 OF THE
MARKED RATING FOR INTERNALLY ILLUMINATED SIGNS.

ALL FIRE EXTINGUISHERS SHALL BE TYPE 2A10BC 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.

LOAD CALCULATIONS:			
	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
CONTINUOUS GENERAL LIGHTING EXTERIOR LIGHTING	6,000 VA	1.25	7,500.00 VA
	1,200 VA	1.25	1,500.00 VA
			subTOTAL: 9,000.00 VA
NON-CONTINUOUS RECEPTACLES AIR CONDITIONER	5,400 VA	1.0	5,400.00 VA
	48,800 VA	1.0	48,800.00 VA
			subTOTAL: 54,200.00 VA
			TOTAL: 63,200.00 VA
			@ 120/240 1 PHASE 283.33 AMPS
			PROVIDED SERVICE: 400 AMPS



NOTE:
AGGREGATE AREA OF OUTLET BOXES
MUST NOT EXCEED 100 SQUARE INCHES
PER 100 SQ. FT. OF WALL AREA

NOTE:
ALL SPACES AROUND PENETRATIONS
SHALL BE FILLED WITH 1-HR FIRE CAULK

ELECTRICAL	SYMBOL
ceiling fan	
fluorescent fixture	
electric motor	
electrical panel	
emergency light	
fire extinguisher	
main distribution panel	
meter can	
non-fused disconnect	
telephone jack	
thermostat	
50 cfm exhaust fan	
cable tv outlet	
light	
outlet	
outlet gfi	
smoke detector	
illuminated exit light w/battery backup	
switch	
switch 3 way	
weatherproof gfi	

ELECTRICAL PLAN NOTES

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

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

INSTALLATION SHALL BE PER NATL. ELECTRIC CODE.

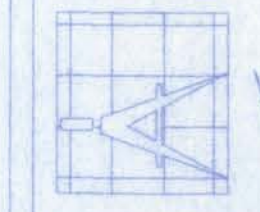
ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY
BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL
BE INTERLOCKED TOGETHER. INSTALL INSIDE AND
NEAR ALL BEDROOMS.

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, ADDING 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.

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

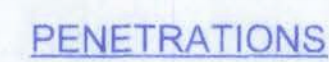
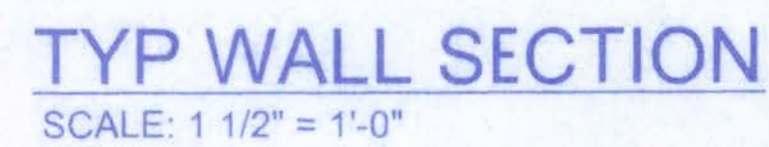


Freeman
Design Group
Inc.

DATE	DRAWN BY
1/20/06	J.T.D.
	APPROVED
	W.H.F.
REVISIONS	
SHEET	A-7
OF	8
PROJECT NO.	
05.C022	

PINE GROVE BAPTIST CHURCH

1/21/06
1/3/06



FIREBLOCKING NOTES:

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

1. IN CONCEALED SPACES OF STUDY 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 PYROPLAN MULTIFLEX 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 FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

(CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE)				
CONNECTOR	TRUSS	TOP PLATE	UPLIFT PROVIDED	MANUFACTURER
H2.5	5-8d NAILS	5-8d NAILS	365 LBS	SIMPSON
H10	8-8d NAILS	8-8d NAILS	850 LBS	SIMPSON
MTS142	7-10d NAILS	7-10d NAILS	1,000 LBS	SIMPSON
H16	2-10d NAILS	10-10d NAILS	1,300 LBS	SIMPSON
(2)HTS220	10-10d NAILS	10-10d NAILS	2 x 1,450 = 2,900 LBS	SIMPSON

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

(NEW) PANEL BOARD SCHEDULE

- 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 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.

PINE GROVE
BAPTIST CHURCH

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

CERTIFICATE OF AUTHORIZATION # 00008701

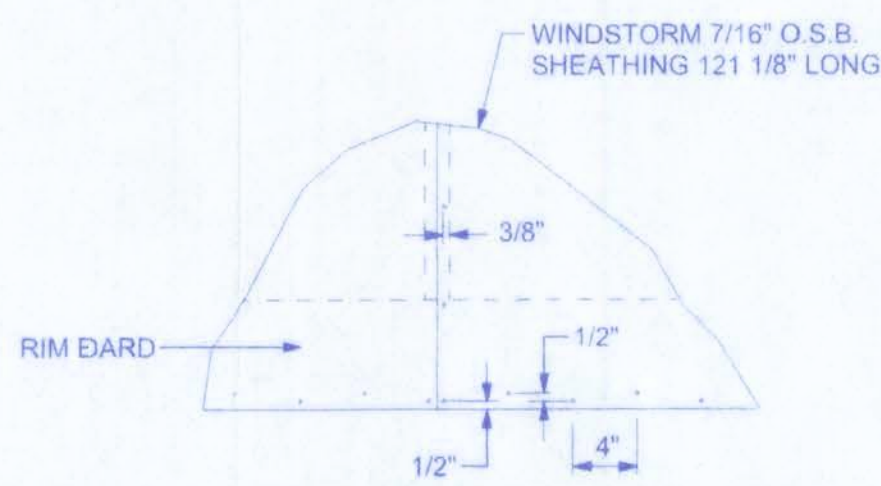
Freeman
Design Group inc

DATE 1/11/06	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	

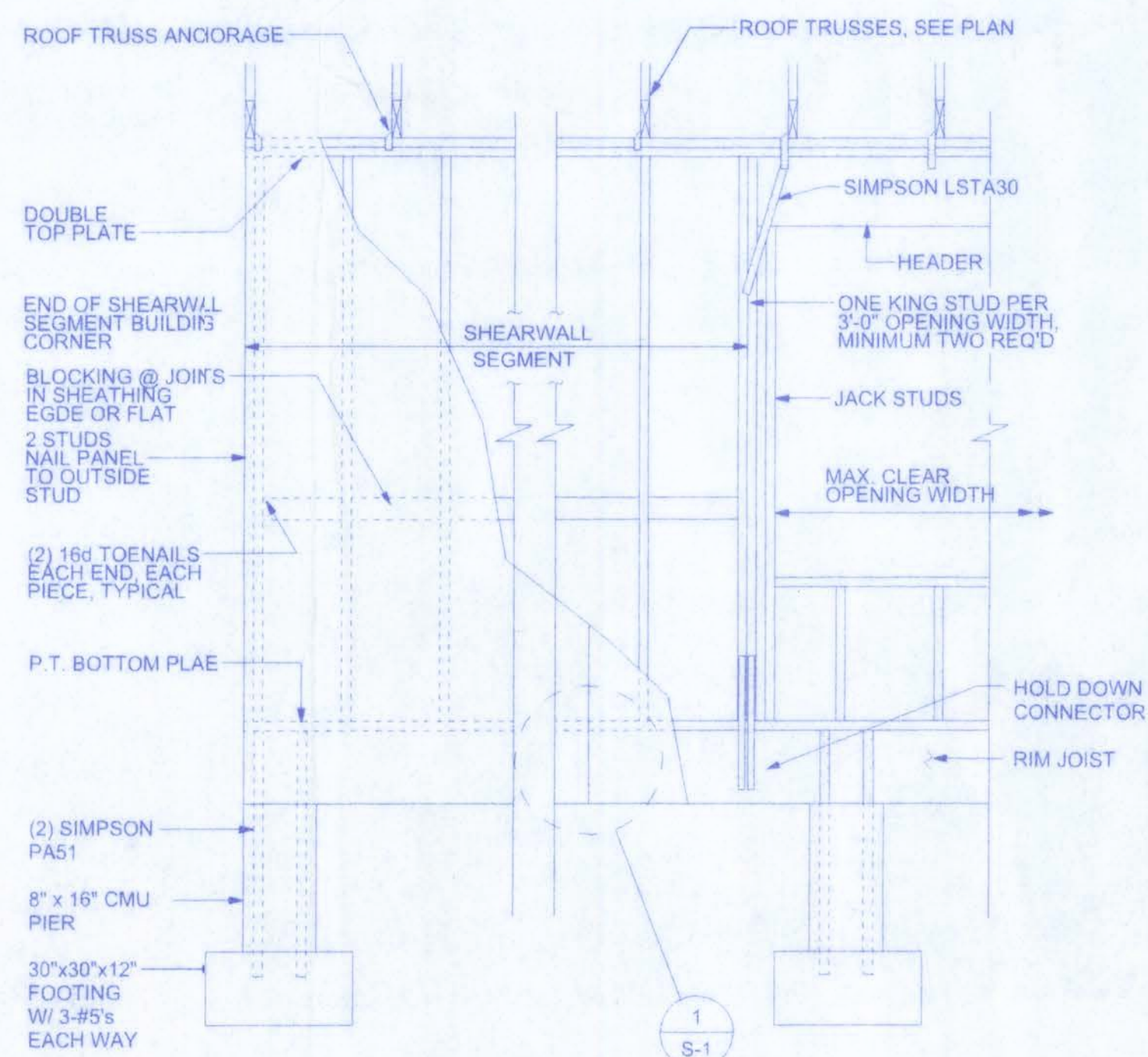
SHEET A-8
OF 8
PROJECT NO. 05.C022

- SHEARWALL NOTES:
1. ALL SHEARWALLS SHALL BE TYPE 1 SHEARWALLS AS DEFINED BY STD 10-99 SBBCL 305.4.3.
 2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" OSB INCLUDING AREAS ABOVE AND BELOW OPENINGS.
 3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURRING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
 4. NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.

OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
> 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3



1 DOUBLE NAIL EDGE SPACING TOP AND BOTTOM PLATE



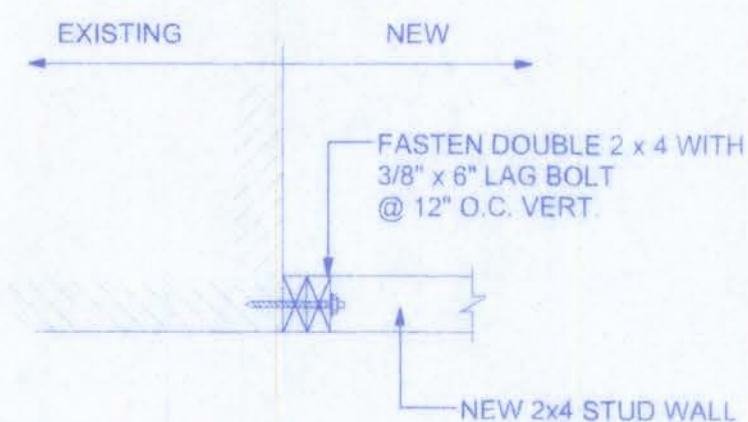
SHEARWALL DETAILS

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

STEEL COATING RECOMMENDATIONS IN PRESSURE TREATED WOOD:

- Thicker galvanizing generally extends service life of a product. The treated wood industry recommends use of Stainless Steel and hot-dip galvanized connectors and fasteners with treated wood.
- Due to the uncertainties, which are out of the specifier's control, in regard to the chemicals used in pressure treated wood, Simpson recommends the use of stainless steel fasteners, anchors and connectors with treated wood when possible. At a minimum, customers should use ZMAX (G185 HDG per ASTM A653), Batch/Post Hot-Dip Galvanized (per ASTM A123 for connectors and ASTM A153 for fasteners), or mechanically galvanized fasteners (per ASTM B695, Class 55 or greater), product with the newer alternative treated woods.
- G60 galvanized products should not be used with treated woods.
- G90 galvanized connectors can be used with Sodium Borate (DOT - Disodium Octaborate Tetrahydrate) treated woods. Sodium Borate Treated woods are not suitable for applications where moisture exposure is likely. They are suitable for mudsill applications when transported, stored, and installed appropriately.
- When using stainless steel or hot-dip galvanized connectors, the connectors and fasteners should be made of the same material.

Simpson Strong-Tie Product Finishes	Untreated Wood	Chromated Copper Arsenate (CCA-C)	DOT Sodium Borate (SBX)	Alkaline Copper Quat ACQ-C and ACQ-D (Carbonate)	Copper Azole (CBA-A and CA-B)	SBX (DOT) with NAS/O	Ammoniacal Copper Zinc Arsenate (ACZA)	Other Pressure Treated Woods
Standard (G90)	X	X	X					
ZMAX (G185)	X	X	X	X	X	X		
Post Hot-Dip Galvanized (HDG)	X	X	X	X	X	X	X	X
SST300 (Stainless Steel)	X	X	X	X	X	X	X	X

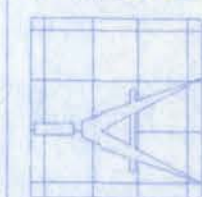


1 NEW TO EXISTING
SCALE: 1" = 1'-0"

Walt H. Fan
1/24/06

PINE GROVE BAPTIST CHURCH

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



Freeman
Design Group Inc.

CERTIFICATE OF AUTHORIZATION # 00008701

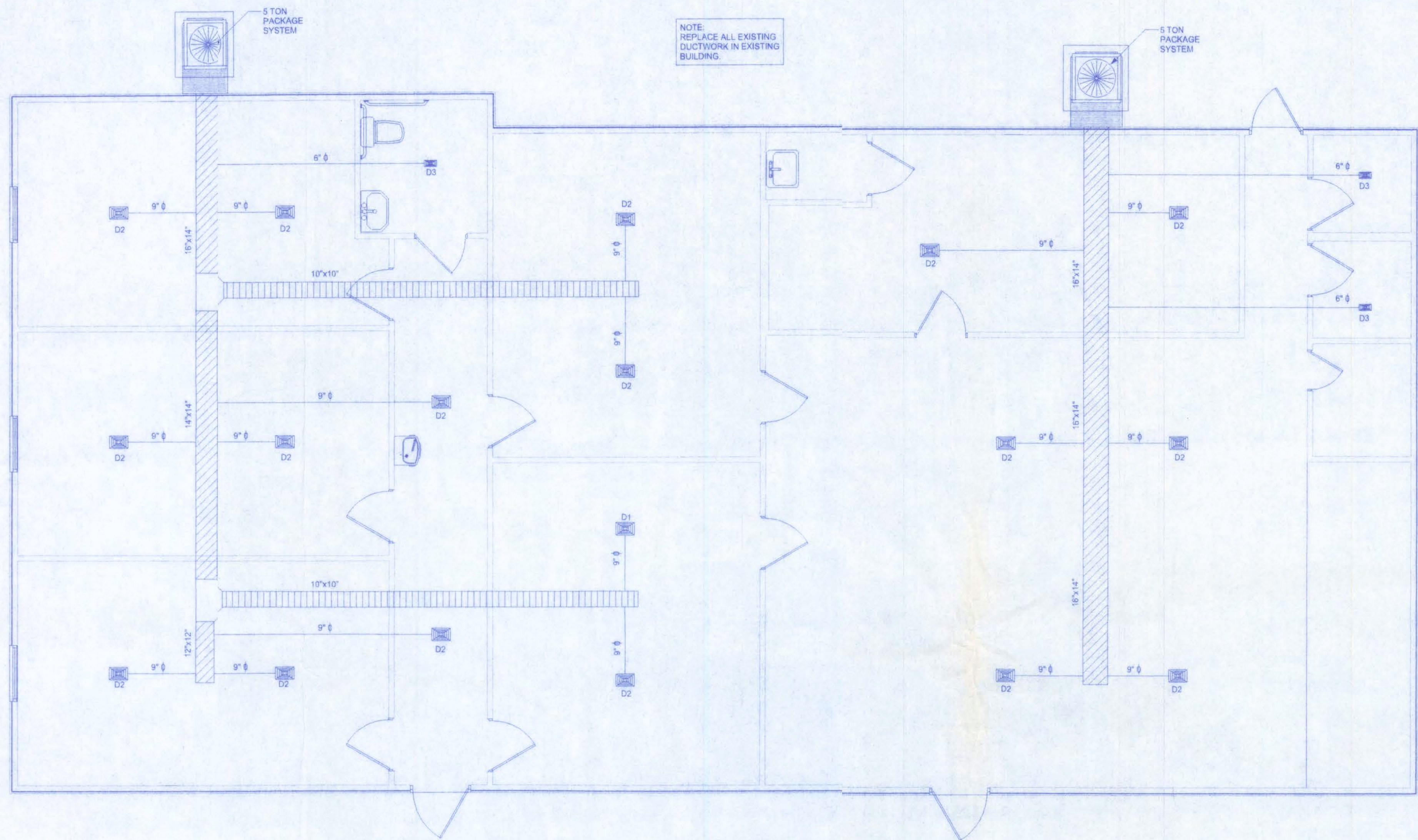
DATE	DRAWN BY
1/13/06	J.T.D.
	APPROVED
	W.H.F.

REVISIONS

SHEET S-1

OF 1

PROJECT NO.
05.C022



HVAC LAYOUT

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

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

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:
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:
APPLIANCES LOCATED IN PRIVATE GARAGES SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 6 FEET ABOVE THE FLOOR EXCEPT WHERE THE APPLIANCE IS PROTECTED FROM MOTOR VEHICLE IMPACT. EQUIPMENT AND APPLIANCES HAVING AN IGNITION SOURCE SHALL BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS NOT LESS THAN 18" ABOVE THE FLOOR.

REQUIRED OUTDOOR VENTILATION PER TABLE 4403.3 FMC.

LOCATION	CFM/PERSON	TOTAL CFM
CLASSROOMS	50 CFM/PERSON 75 OCCUPANTS x 15 = 1125 cfm (6 rooms = 187.5 cfm per room)	1125
TOILET AREA	1 x 50 CFM/W.C.	50

NOTE:

EXITS AND EXIT ACCESS CORRIDORS SHALL NOT SERVE AS SUPPLY, RETURN, EXHAUST, RELIEF OR VENTILATION AIR DUCTS OR PLENUMS.

DIFFUSER SCHEDULE

MK	CFM	SIZE	PATTERN	LOCATION
D2	170	8" x 12"	1W	FLR
D3	70	4" x 8"	1W	FLR

HVAC NOTES

- SUB-CONTRACTORS PROVIDING HVAC INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6, GENERAL NOTES.
- HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE HVAC SYSTEM.
- 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.
- HVAC SUB-CONTRACTOR SHALL FURNISH SHOP DRAWINGS FOR DUCTWORK, CONDENSING UNIT & AIR HANDLER, EXHAUST FANS AND AIR DEVICES.
- IT IS THE HVAC SUB-CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES.
- FLEXIBLE DUCT SHALL BE FULLY ANNEALED, CORRUGATED ALUMINUM W/ 1 3/4 LB. DENSITY FIBERGLASS INSULATION AND SHALL BE U.L. LISTED. SHEET METAL DUCT SHALL BE LINED W/ 1" MATFACED DUCT LINER & WRAPPED W/ 1 3/4 L. FOILFACED FIBERGLASS INSULATION. ALL FIBERGLASS DUCT SHALL BE FOILFACED, R4.3/R6.0 DUCTBOARD.
- ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHREA AND SMACNA STANDARDS.
- ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL AND CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR APPLICATIONS. ACCEPTABLE MANUFACTURERS SHALL BE TITUS, METALAIR, NAILORHART, HART & COOLIE OR AS DIRECTED BY THE OWNER.
- 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.
- 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.
- ALL DUCT SIZES INDICATED IN THE PLANS (IF INCLUDED) ARE NET INSIDE DIMENSION.
- 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.
- ALL WORK IN THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES SO AS TO AVOID CONFLICTS OR HINDRANCE TO COMPLETION OF THE JOB.
- CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1.2" THICK ARMAFLEC INSULATION.
- 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.
- HVAC SUB-CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY OFFSETS, TRANSITIONS & BENDS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
- 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.
- COORDINATE W/ THE ELECTRICIAN, TO ASSURE SUITABLE SIZES OF BREAKER, SWITCHES AND WIRING.

NOTE:

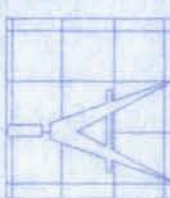
FIRE DAMPERS SHALL COMPLY WITH THE REQUIREMENTS OF UL 555 AND SHALL BEAR THE LABEL OF AN APPROVED TESTING AGENCY. FIRE DAMPERS SHALL BE CLASSIFIED AND IDENTIFIED FOR USE IN EITHER:
1. STATIC SYSTEMS THAT AUTOMATICALLY SHUT DOWN IN THE EVENT OF FIRE.
2. DYNAMIC SYSTEMS THAT OPERATE IN THE EVENT OF FIRE.

NOTE:

FIRE DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS IN THE FOLLOWING LOCATIONS:
1. DUCTS PENETRATING WALLS OR PARTITIONS HAVING A FIRE RESISTANCE RATING OF 1 HOUR OR MORE.
2. DUCTS PENETRATING SHAFT WALLS HAVING A FIRE RESISTANCE RATING OF 1 HOUR OR MORE.

PINE GROVE BAPTIST CHURCH

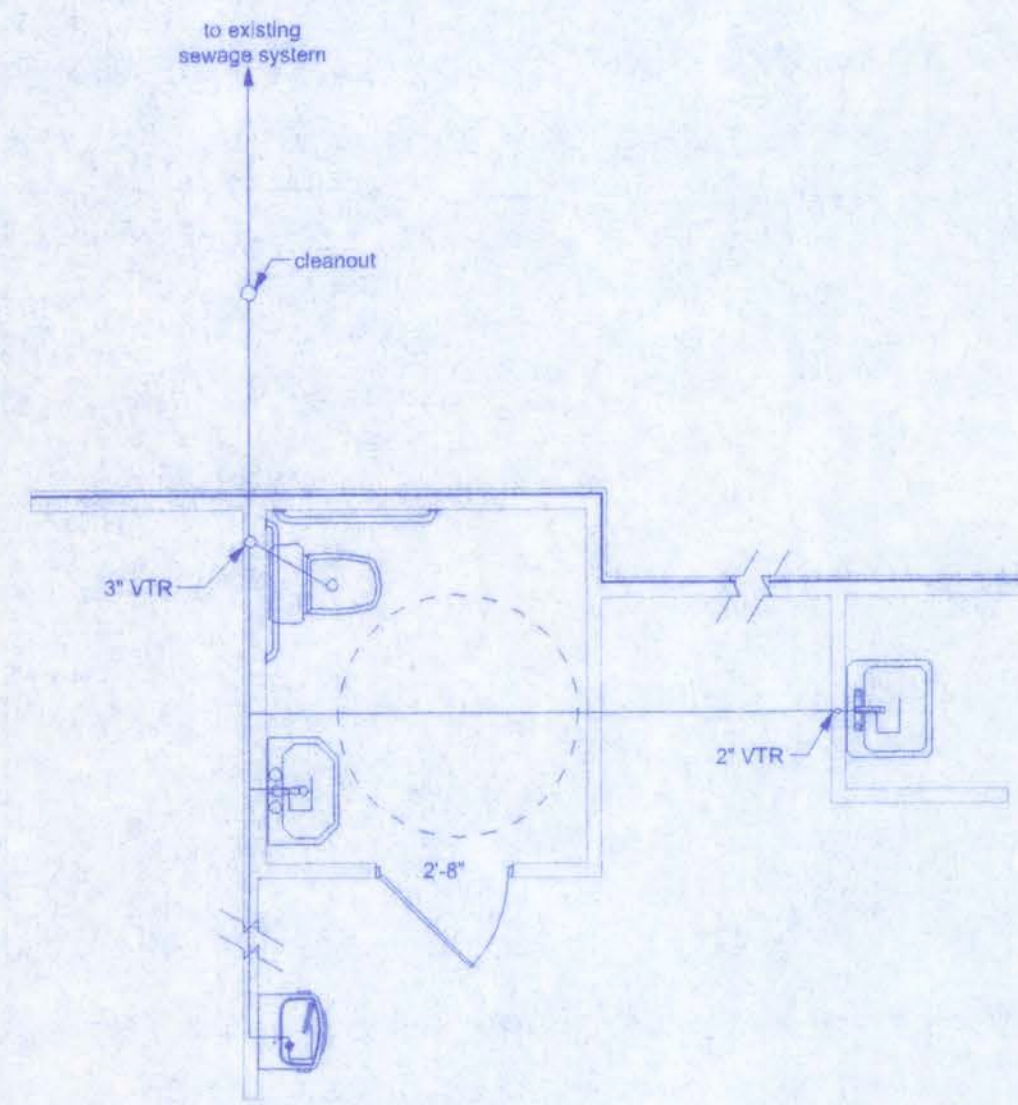
101 NW MAULDSJON STREET
SUITE #102
LAKE CITY, FL 32055
(386)758-4209



Freeman
Design Group inc.

CERTIFICATE OF AUTHORIZATION # 00000701

DATE	DRAWN BY
1/30/06	J.T.D.
APPROVED	W.H.F.
REVISIONS	
SHEET	M-1
OF	2
PROJECT NO.	
05 C022	



PLUMBING P-AN
SCALE: 1/4" = 1'-0"

EXHAUST REQUIREMENTS PER BATHROOM		
LOCATION	CFM/W.C.	TOTAL CFM
UNISEX	50 CFM/W.C. x 1 = 150 CFM	50 CFM

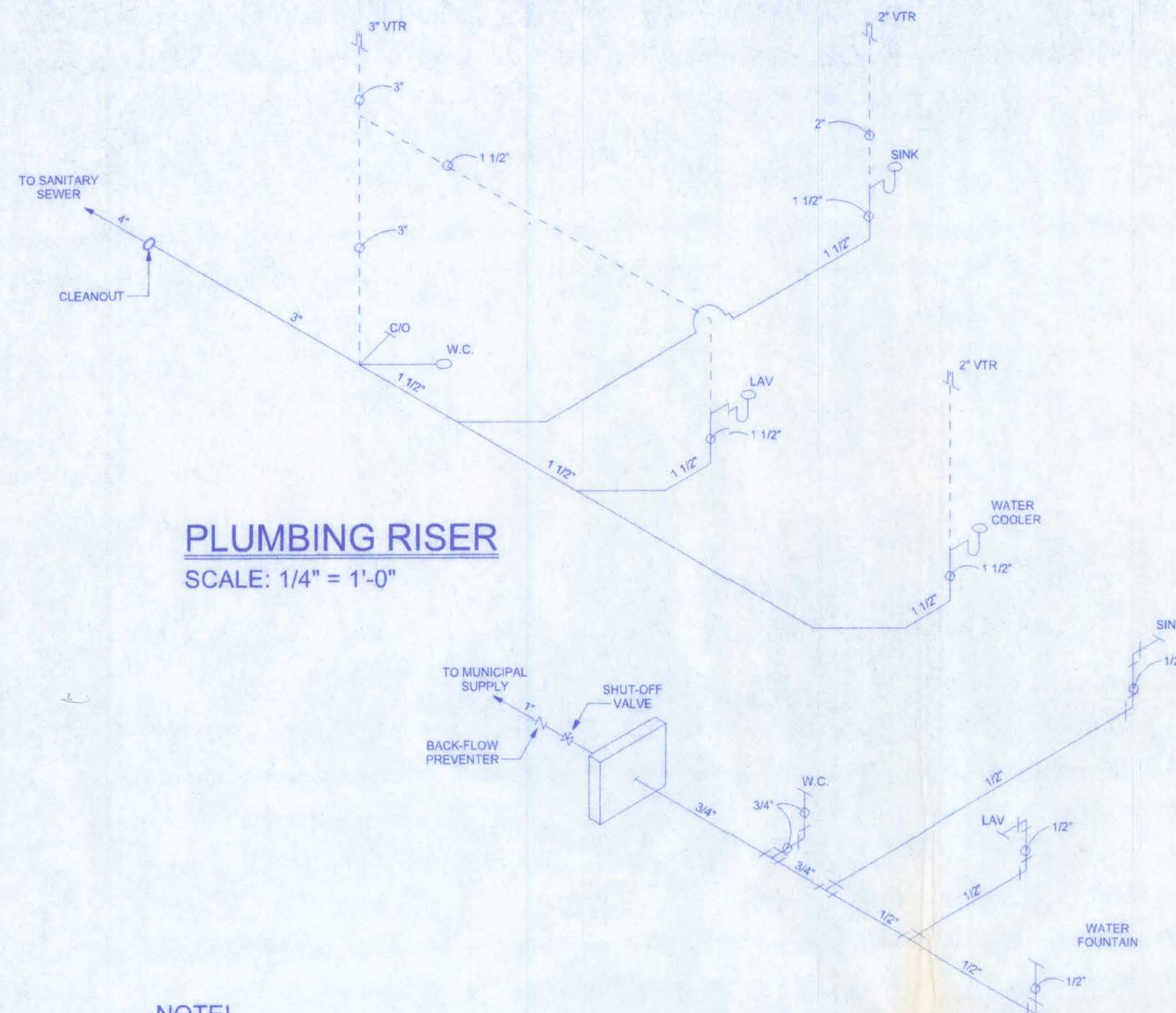
FIXTURE SCHEDULE

RESTROOM:

QTY.	DESCRIPTION
1	GERBER #21-718, 17" HIGH ELONGATED TOWL, WHITE
1	GERBER #12-554, 24"x20" LAV. W/ PEDESTL, WHITE
1	GERBER #44-051 SERIES LAVATORY FAUCETS W/ WRIST BLADE HANDLES
1	1 1/2" x 36" GRAB BAR ON WALL BEHIND TOILET
1	1 1/2" x 36" GRAB BAR ON WALL RIGHT SIDE OF TOILET

UTILITY ROOM:

QTY.	DESCRIPTION
1	FLORESTONE MODEL FM-1 UTILITY SINK 23 1/8" x 22 3/8" x 35 1/2"
1	GERBER LAUNDRY FAUCETS #49-234 (CHROME)



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

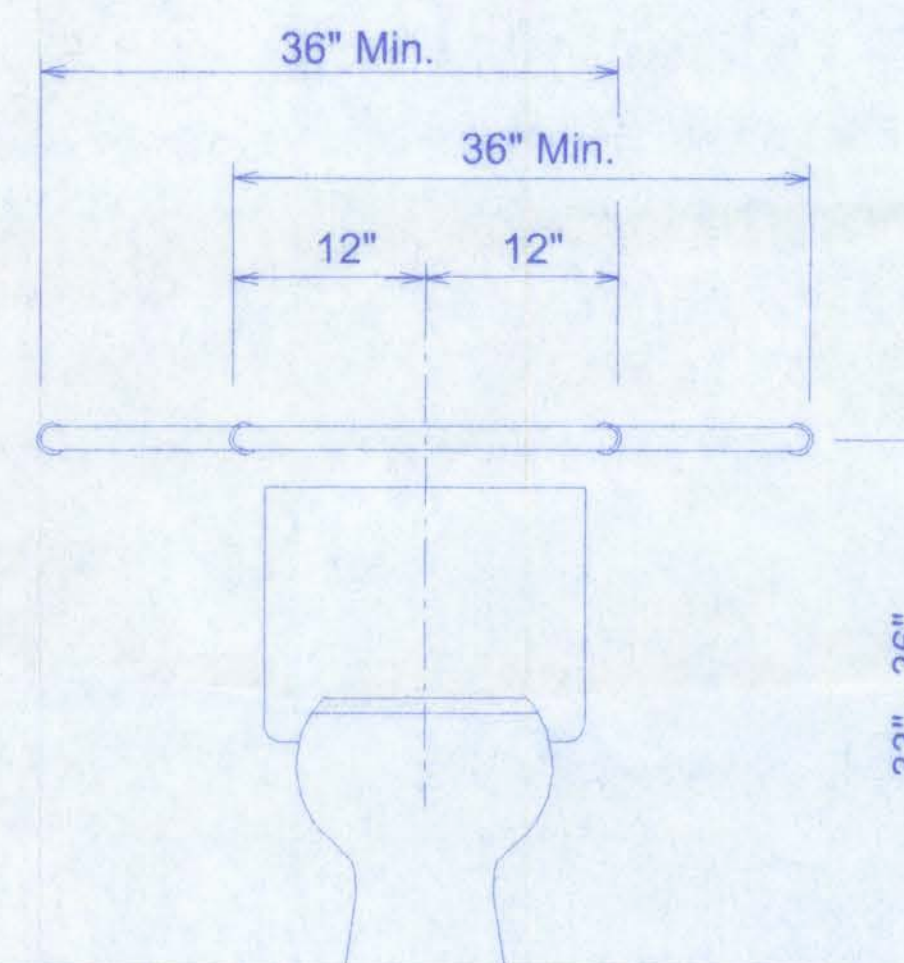
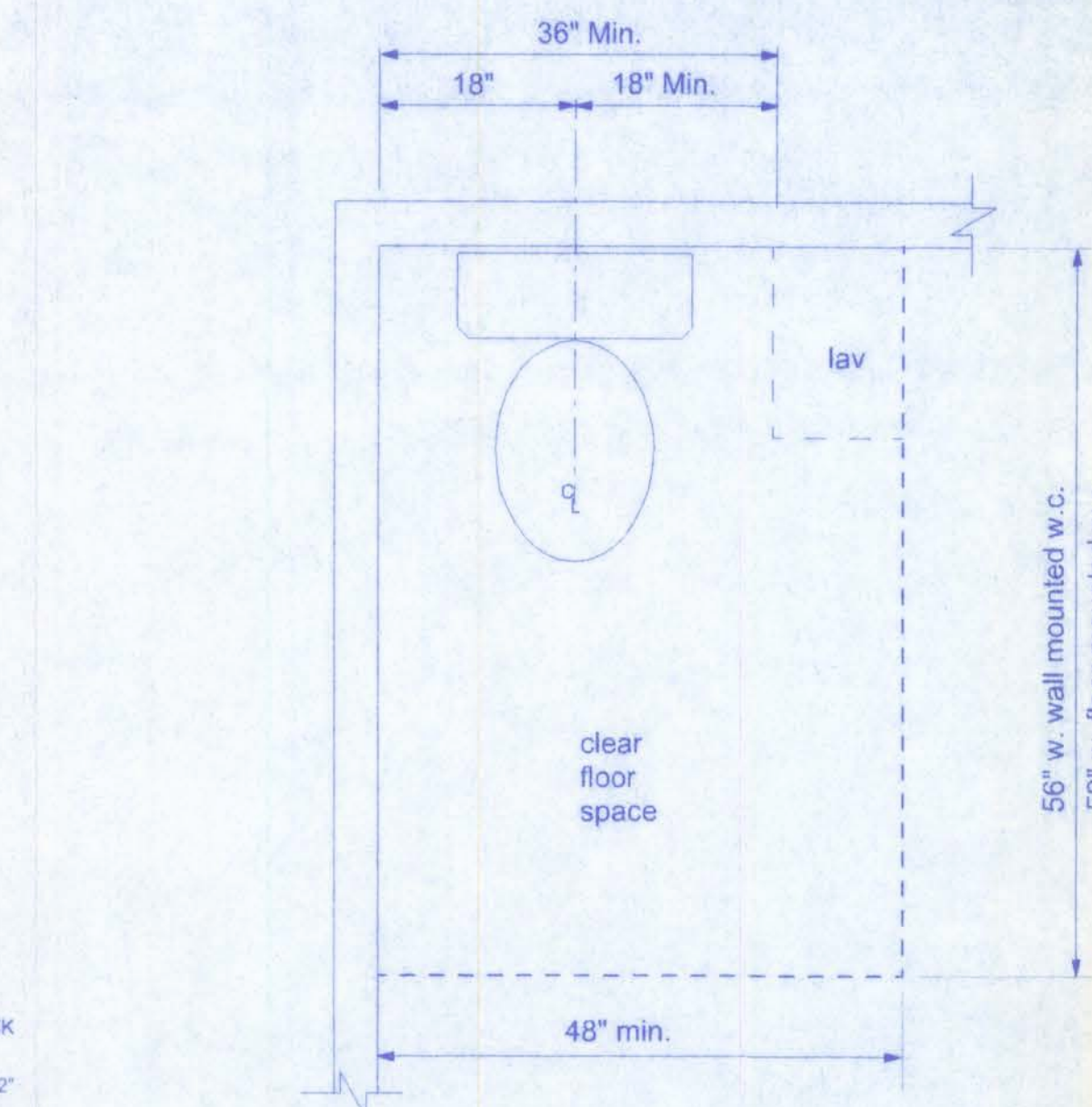
NOTE!
PROVIDE PLUMBING CLEAN-OUTS AT THE BASE OF ALL STACKS, A MAXIMUM OF 75' O.C. ALONG ALL MAIN DRAIN RUNS AND THE UP-STREAM ENDS OF MAIN DRAIN RUNS, WHERE THE MAIN BUILDING DRAIN EXITS THE BUILDING AND AT 75' INTERVALS TO THE DISPOSAL SITE.

NOTE!
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 95% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

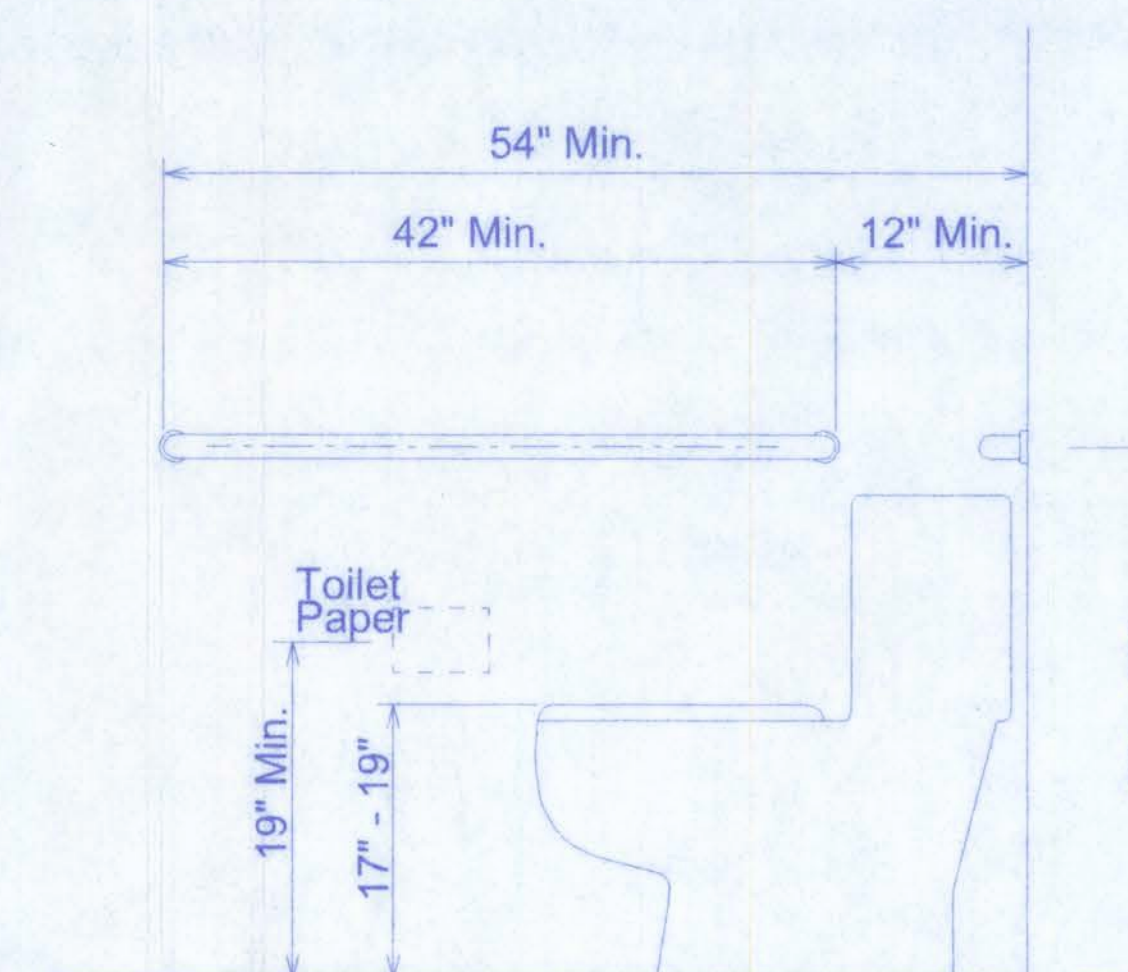
NOTE!
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

PLUMBING NOTES:

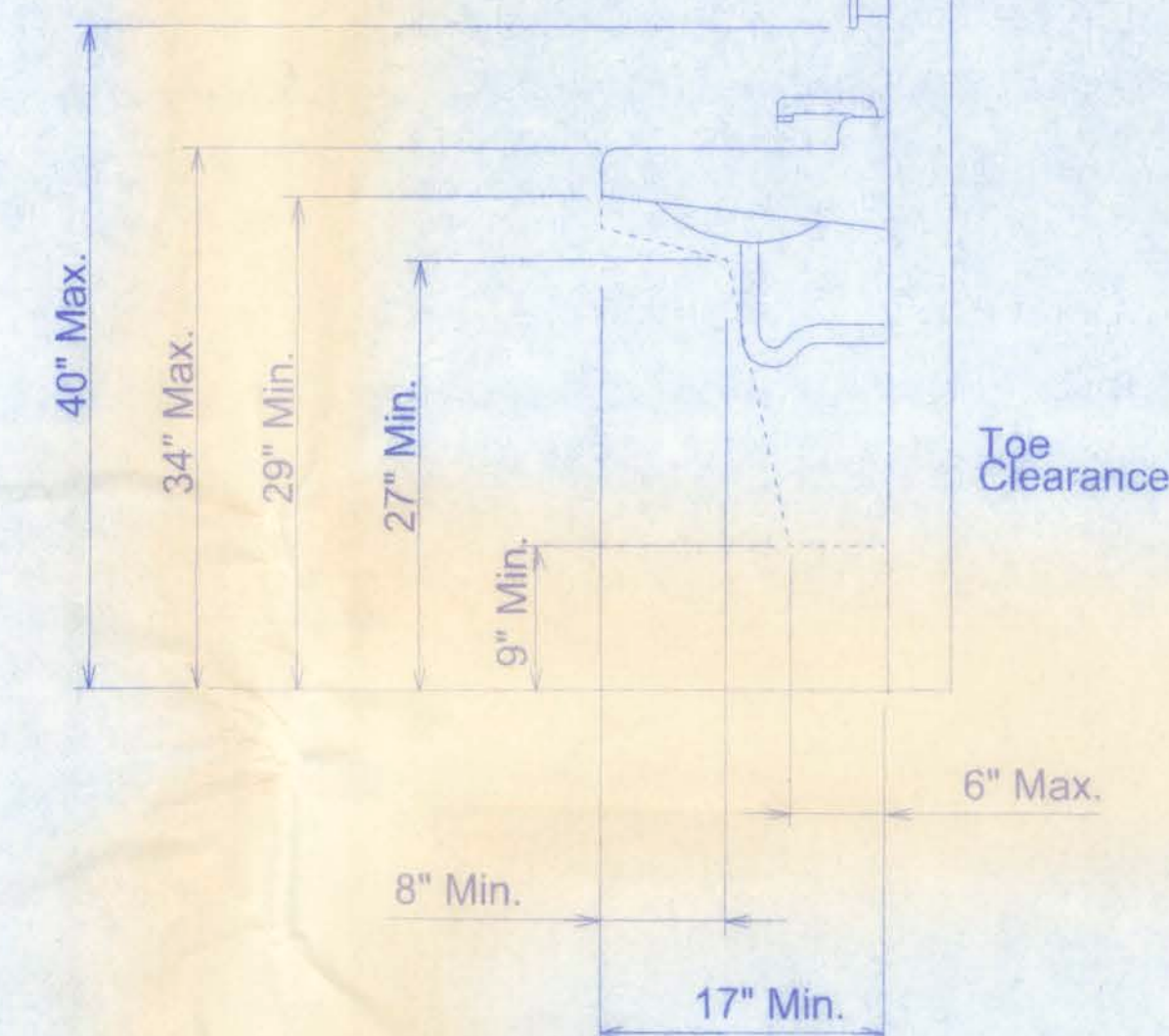
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND LOCAL REGULATION.
2. ALL PLUMBING SHALL BE BID AS SPECIFIED OR OF EQUAL VALUE.
3. PROVIDE COLD WATER TO ALL PLUMBING FIXTURES AND HOT WATER TO ALL LAVATORIES.
4. PROVIDE DRAIN TO ANY WATER HEATERS.
5. PROVIDE A SLOPE ON ALL WASTE LINES 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.



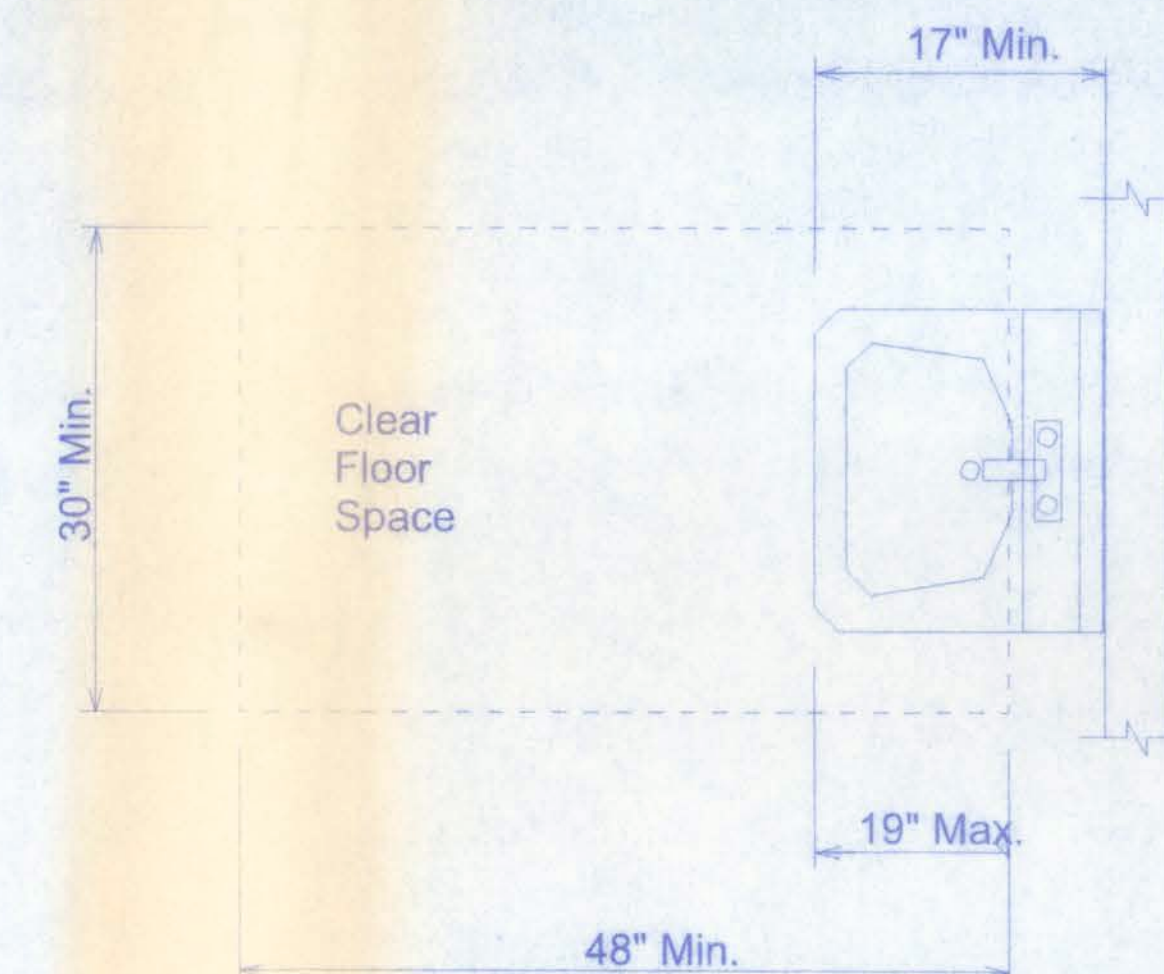
GRAB BARS AT WATER CLOSETS



CLEAR FLOOR SPACE AT LAVATORIES

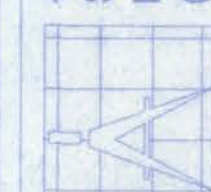


LAVATORY CLEARANCES



**PINE GROVE
BAPTIST CHURCH**

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



**Freeman
Design Group Inc.**

DRAWN BY J.T.D.

DATE 130/06

APPROVED W.H.F.

REVISIONS

SHEET M-2

OF 2

PROJECT NO.

05-C022

CERTIFICATE OF AUTHORIZATION # 00038701