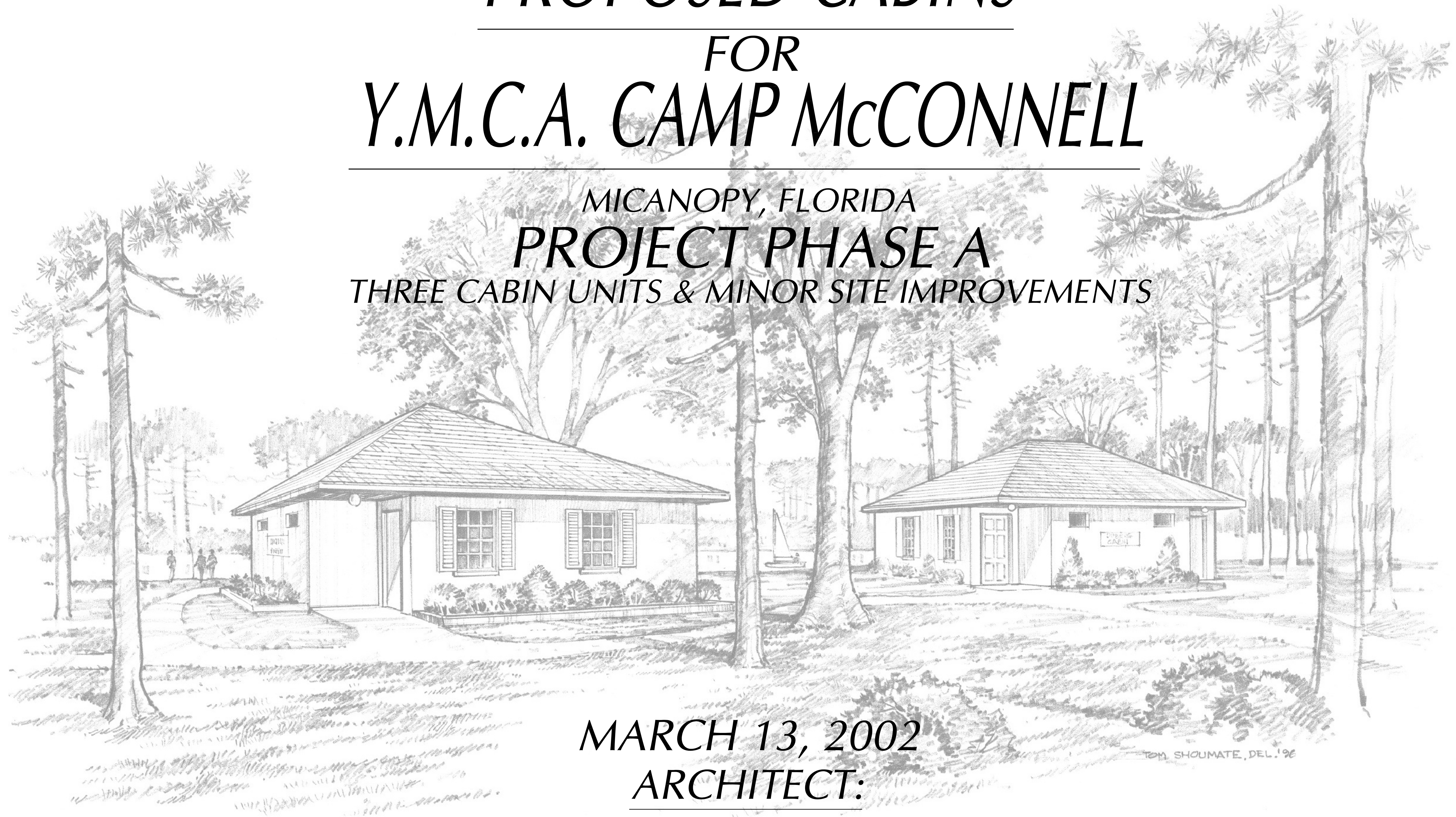


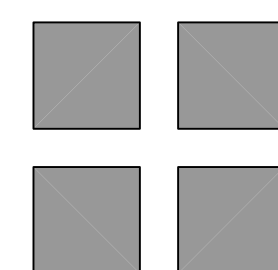
PROPOSED CABINS FOR Y.M.C.A. CAMP McCONNELL

MICANOPY, FLORIDA
PROJECT PHASE A
THREE CABIN UNITS & MINOR SITE IMPROVEMENTS

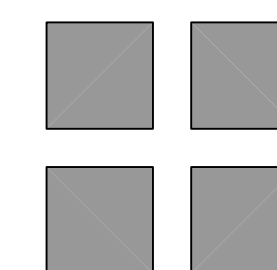


MARCH 13, 2002
ARCHITECT:

PAUL STRESING ASSOCIATES, INC.



3401 N.W. 98th ST., SUITE "C"
GAINESVILLE, FLORIDA 32606
E-MAIL prsarch@atlantic.net
TELEPHONE: (352) 331-3830 FAX (352) 331-3801
REGISTRATION NO. AR0013985 - CA NO. AA0003377



Set No. _____



DOOR SCHEDULE

DOOR NUMBER	DOOR					FRAME		THR. MAT.	DETAILS			RATING	HRDWR	REMARKS
	TYPE	MAT.	WIDTH	HEIGHT	GLASS/ LOUVER	TYPE	MAT.		HEAD	JAMB	THR.			
101	A	MET.	3'-0"	7'-0"	NONE	1	H.M.	ALUM.	9/A.6	14/A.6	---	---	---	I
102	A	S.C.W.	3'-0"	7'-0"	NONE	2	H.M.	MBL.	2/A.6	2/A.6	---	---	---	
103	B	S.C.W.	PR. 2'-0"	7'-0"	NONE	3	H.M.	TRANS.	2/A.6	2/A.6	---	---	---	
104	B	S.C.W.	PR. 2'-0"	7'-0"	NONE	3	H.M.	TRANS.	2/A.6	2/A.6	---	---	---	
105	A	MET.	3'-0"	7'-0"	NONE	1	H.M.	ALUM.	9/A.6	14/A.6	---	---	---	I
106	A	MET.	3'-0"	7'-0"	NONE	1	H.M.	ALUM.	9/A.6	14/A.6	---	---	---	I
107	A	S.C.W.	PR. 3'-6"	7'-0"	NONE	---	H.M.	TRANS.	2/A.6	2/A.6	---	---	---	
108	B	S.C.W.	PR. 2'-0"	7'-0"	NONE	3	H.M.	TRANS.	2/A.6	2/A.6	---	---	---	
109	A	S.C.W.	3'-0"	7'-0"	NONE	2	H.M.	TRANS.	2/A.6	2/A.6	---	---	---	
110	A	S.C.W.	3'-0"	7'-0"	NONE	2	H.M.	TRANS.	2/A.6	2/A.6	---	---	---	
III	A	MET.	3'-0"	7'-0"	NONE	1	H.M.	ALUM.	9/A.6	14/A.6	---	---	---	I

DOOR SCHEDULE REMARKS

1. EXTERIOR DOOR. PROVIDE WEATHER-STRIPPING AND H/C THRESHOLD SET IN CAULK BED.

HARDWARE NOTES

1. ALL LOCKS SHALL RECEIVE TEMPORARY CYLINDERS KEYPED FOR CONTRACTOR USE ONLY DURING CONSTRUCTION PERIOD UNLESS NOTED OTHERWISE BY OWNER. (CONSULT W/ OWNER PRIOR TO ORDERING)
2. PERMANENT CYLINDER FOR ALL LOCKS SHALL BE FURNISHED AND INSTALLED BY HARDWARE SUPPLIER AT TIME OF SUBSTANTIAL COMPLETION.

DOOR SCHEDULE ABBREVIATIONS

ALUM. ALUMINUM PR. PAIR
H.M. HOLLOW METAL S.C.W. SOLID CORE WOOD
HRDWR. HARDWARE THR. THRESHOLD
MAT. MATERIAL TRANS. TRANSITION STRIP
MBL. MARBLE

ROOM FINISH SCHEDULE

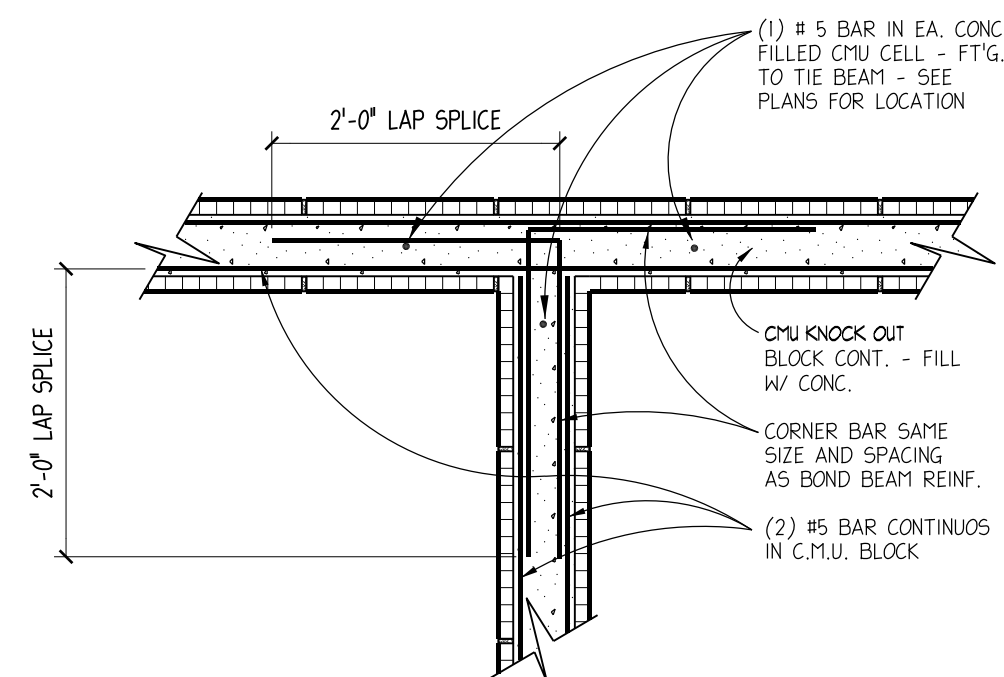
ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH		EAST		SOUTH		WEST		WN5CT	CEILING		TRIM PAINT	REMARKS
				WALL	FIN.	WALL	FIN.	WALL	FIN.	WALL	FIN.		MAT.	HGT.		
101	SLEEPING AREA	V.C.T.	VINYL	C.M.U.	L.T.	C.M.U.	L.T.	V.P.B.	P.T.	V.P.B.	P.T.	---	V.P.B.	9'-4"	GL.	---
102	SLEEPING AREA	V.C.T.	VINYL	V.P.B.	P.T.	C.M.U.	L.T.	C.M.U.	L.T.	V.P.B.	P.T.	---	V.P.B.	9'-4"	GL.	---
103	VESTIBULE	C.T.	C.T.	V.P.B.	P.T.	V.P.B.	P.T.	V.P.B.	P.T.	V.P.B.	P.T.	C.T. 40"	V.P.B.	9'-4"	GL.	---
104	H/C TOILET	C.T.	C.T.	V.P.B.	P.T.	V.P.B.	P.T.	C.M.U.	L.T.	C.M.U.	P.T.	C.T. 40"	V.P.B.	9'-4"	GL.	2
105	H/C SHOWERS	C.T.	C.T.	V.P.B.	P.T.	V.P.B.	P.T.	V.P.B.	P.T.	C.M.U.	C.T.	---	V.P.B.	9'-4"	GL.	2
106	STORAGE	S.C.	VINYL	V.P.B.	P.T.	V.P.B.	P.T.	V.P.B.	P.T.	V.P.B.	P.T.	---	V.P.B.	9'-4"	GL.	---
107	WET BAR	V.C.T.	VINYL	V.P.B.	P.T.	V.P.B.	P.T.	V.P.B.	P.T.	V.P.B.	P.T.	---	V.P.B.	9'-4"	GL.	---
108	W.H.	C.T.	C.T.	V.P.B.	P.T.	V.P.B.	P.T.	V.P.B.	P.T.	C.M.U.	P.T.	---	V.P.B.	9'-4"	GL.	2
109	SHOWERS	C.T.	C.T.	V.P.B.	P.T.	V.P.B.	P.T.	V.P.B.	P.T.	C.M.U.	C.T.	---	V.P.B.	9'-4"	GL.	2
110	BATHROOM	C.T.	C.T.	C.M.U/V.P.B.	L.T./P.T.	V.P.B.	P.T.	V.P.B.	P.T.	C.M.U.	L.T.	C.T. 40"	V.P.B.	9'-4"	GL.	2

ROOM FINISH SCHEDULE ABBREVIATIONS

A.T. ACOUSTICAL TILE L.T. LIQUID TILE
C.M.U. CONCRETE MASONRY UNIT MAT. MATERIAL
CPT. CARPET PT. PAINT
C.T. CERAMIC TILE S.C. SEALED CONCRETE
FIN. FINISH V.C.T. VINYL COMPOSITE TILE
HGT. HEIGHT V.P.B. VENEER PLASTER BASE

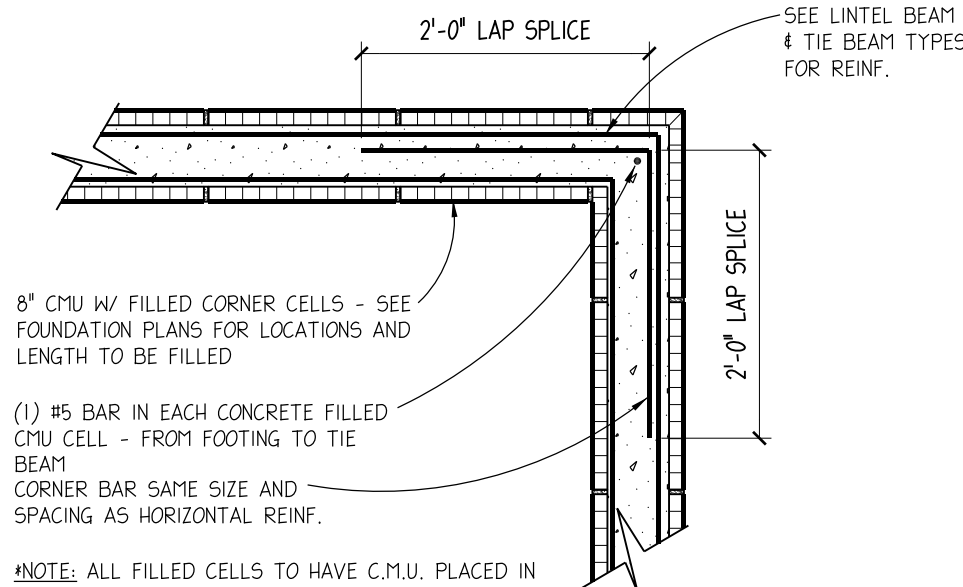
ROOM FINISH SCHEDULE NOTES

1. PROVIDE WOOD BLOCKING AS REQUIRED TO ACCOMMODATE TOILET ACCESSORIES (TYPICAL AT ALL BATHROOMS).
2. PROVIDE SOUND BATT INSULATION IN METAL STUD FRAMED WALLS.
* GYPSUM BRD WALL COVERINGS SHALL BE 5/8" IMPACT RESISTANT AT ALL SURFACES TYP. AND 5/8" MOISTURE RESISTANT (OR DUROCK) @ ALL BATH AND SHOWER SURFACES.



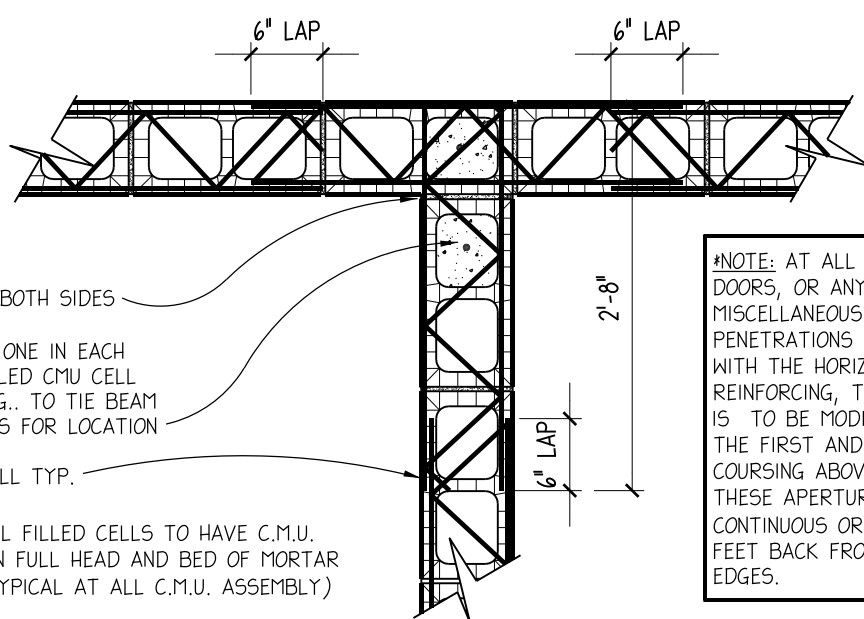
TIE BEAM REINF.

3/4" = 1'-0"



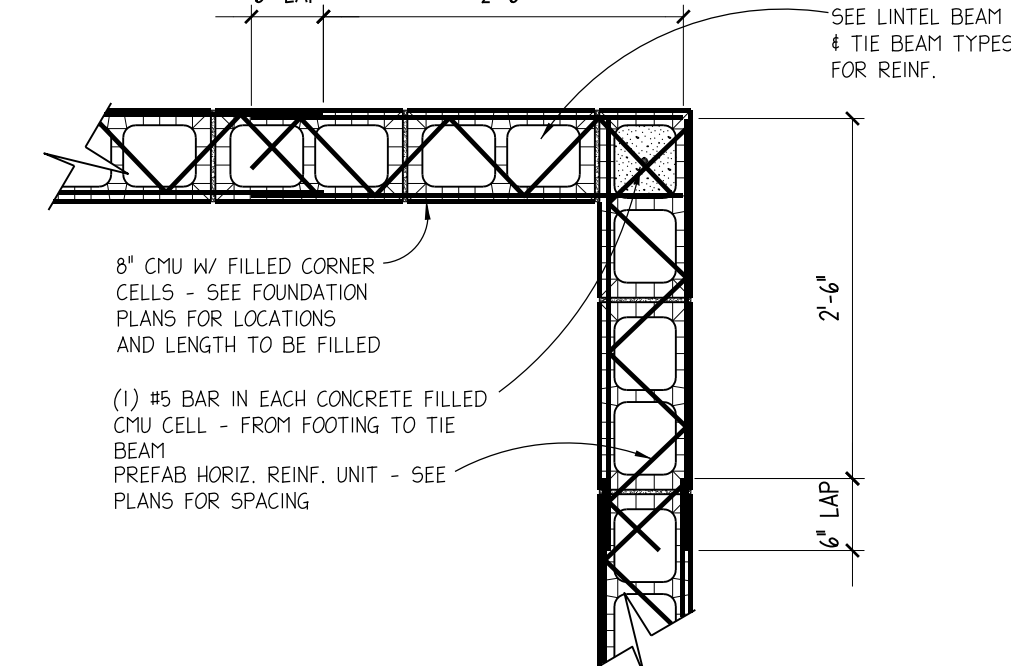
TIE BEAM REINF.

3/4" = 1'-0"



JOINT REINFORCING

3/4" = 1'-0"

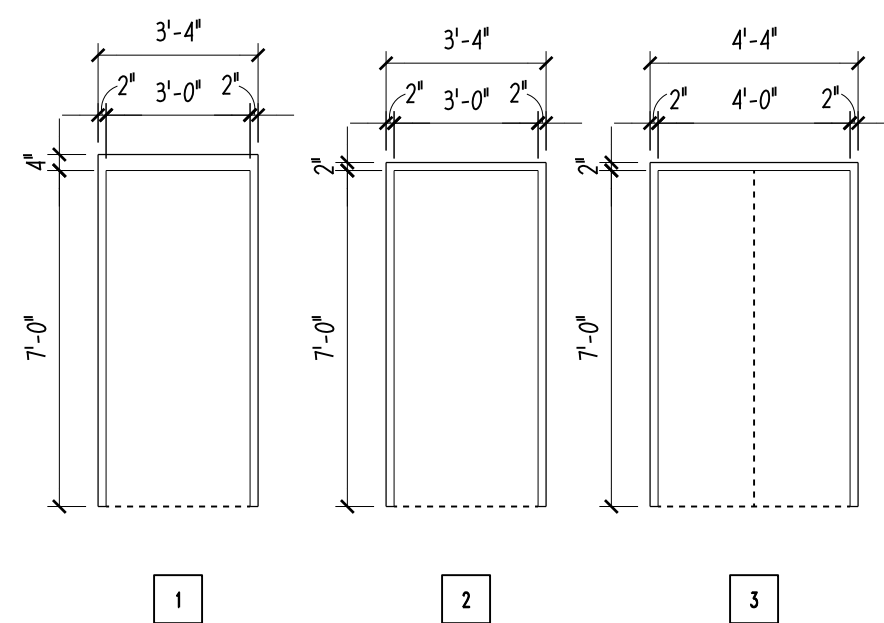


JOINT REINFORCING

3/4" = 1'-0"

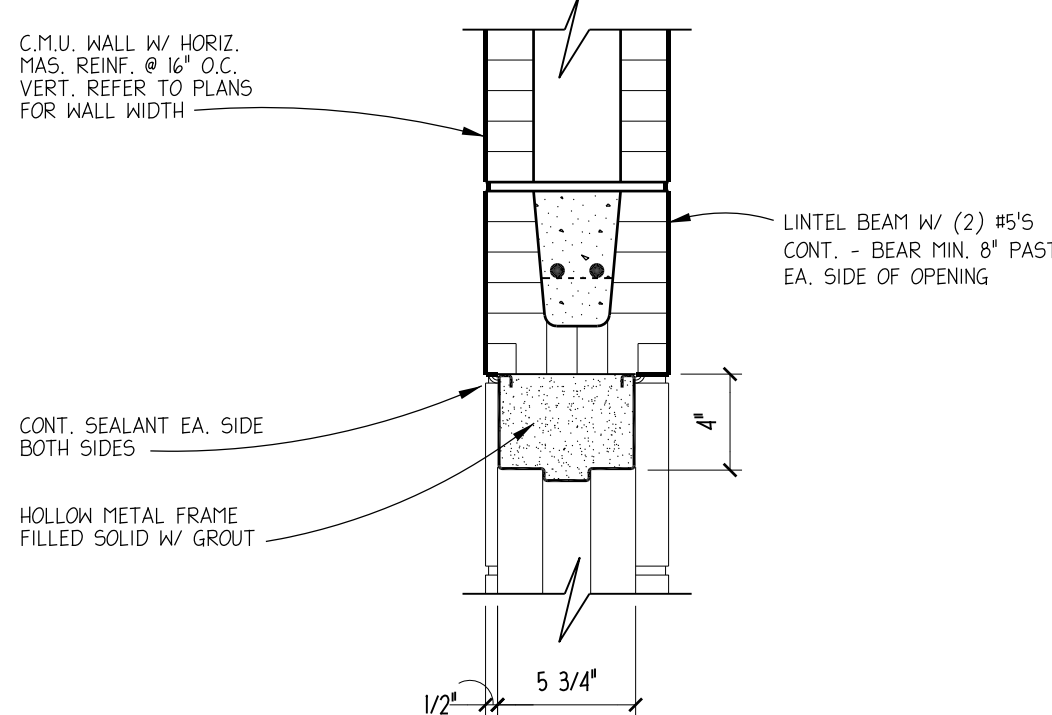
DOOR TYPES

1/4" = 1'-0"



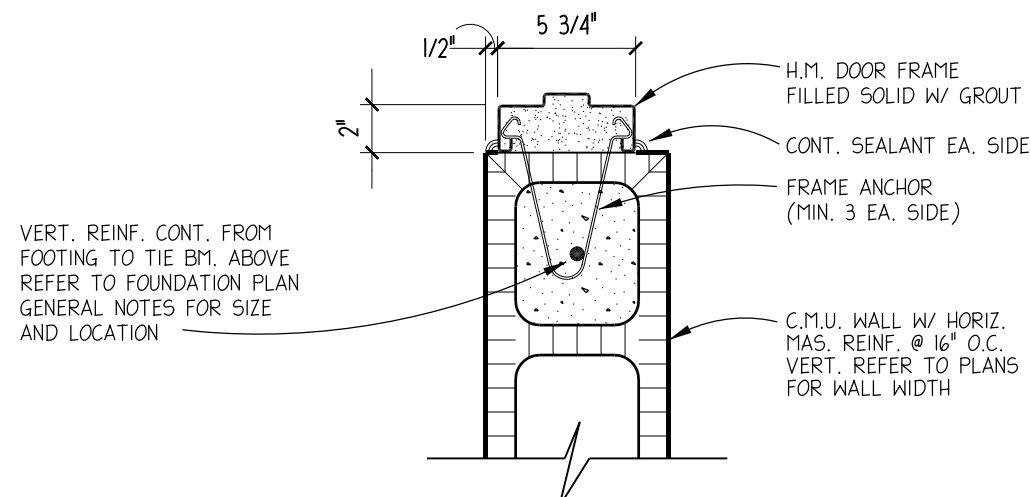
DOOR FRAME TYPES

1/4" = 1'-0"



H.M. DOOR HEAD

1 1/2" = 1'-0"

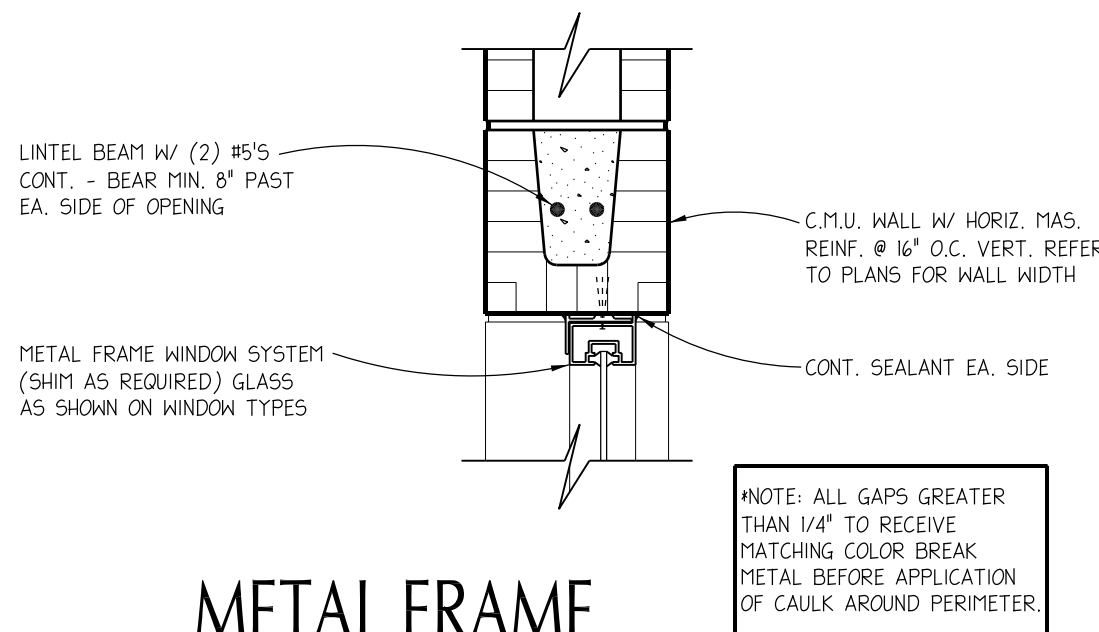


H.M. DOOR JAMB

1 1/2" = 1'-0"

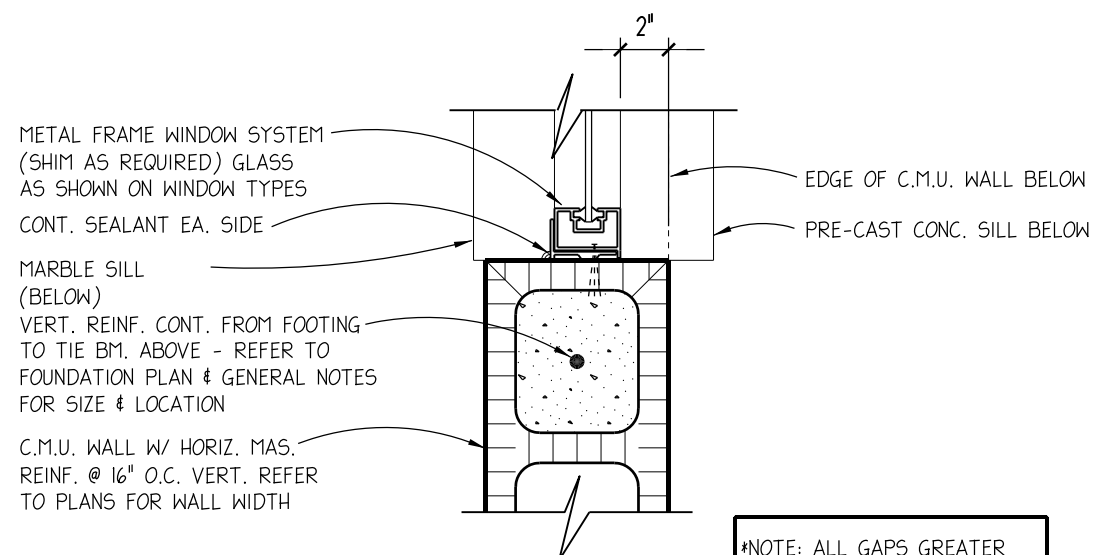
H.M. DOOR HEAD

1 1/2" = 1'-0"



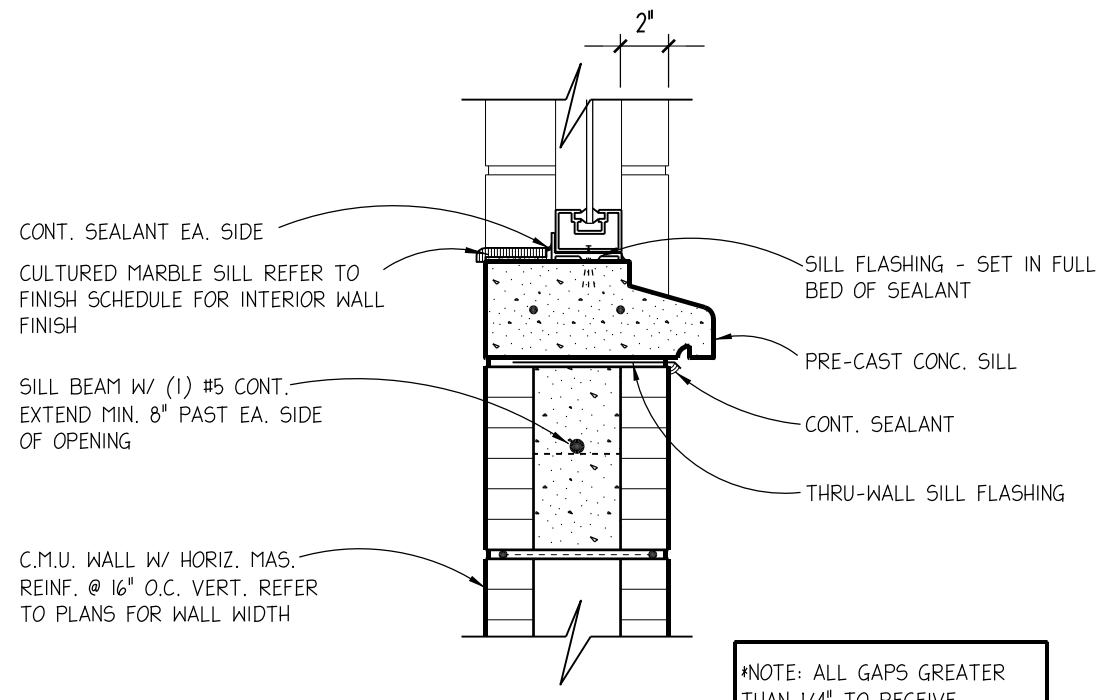
METAL FRAME WINDOW HEAD

1 1/2" = 1'-0"



METAL FRAME WINDOW JAMB

1 1/2" = 1'-0"

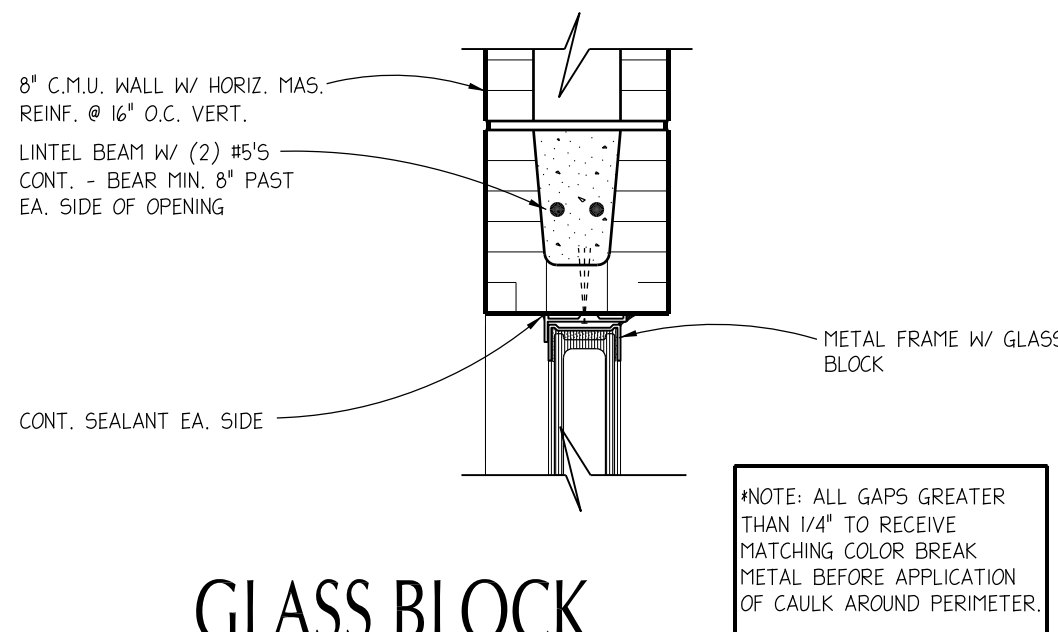


METAL FRAME WINDOW SILL

1 1/2" = 1'-0"

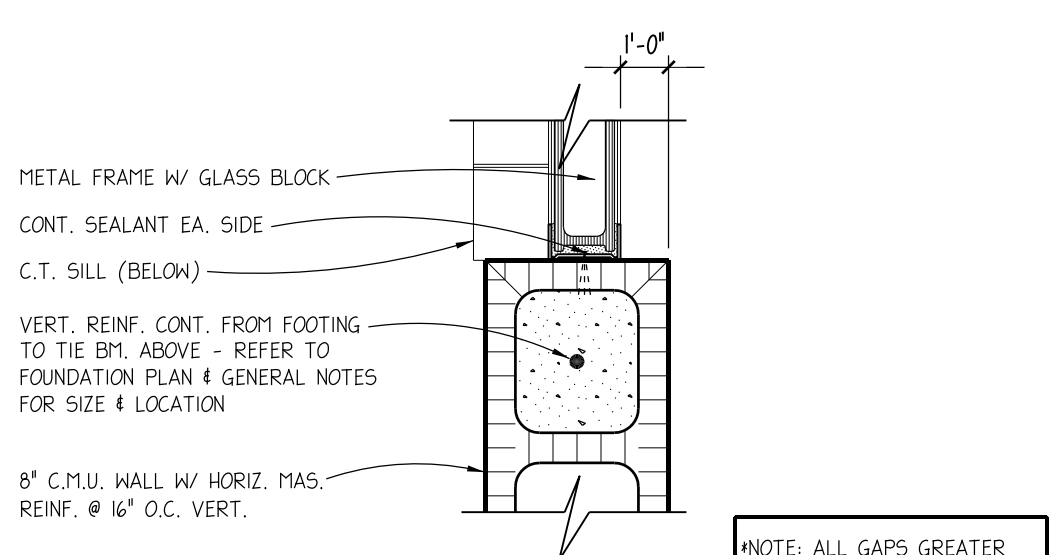
TYP. VANITY DETAIL

3/4" = 1'-0"



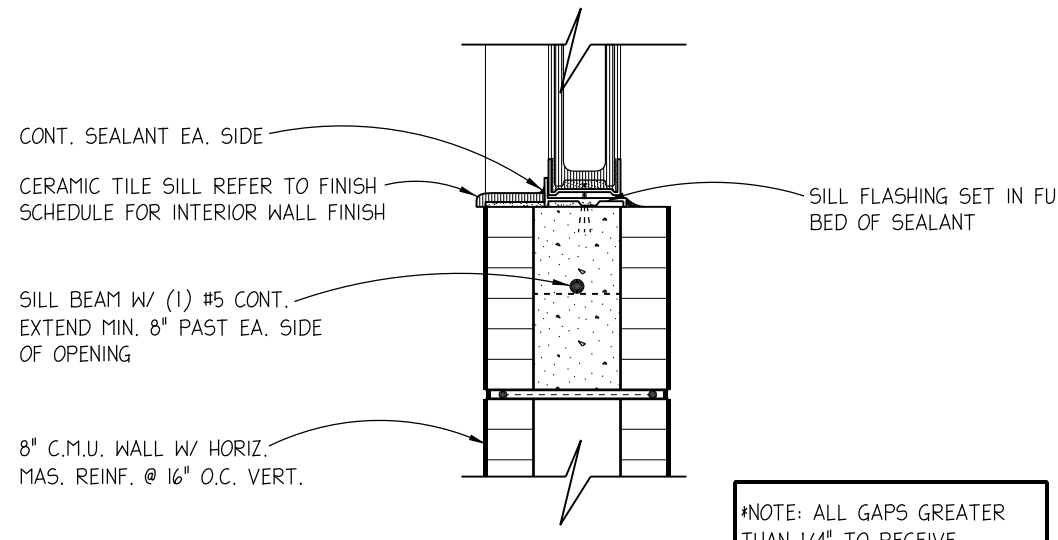
GLASS BLOCK WINDOW HEAD

1 1/2" = 1'-0"



GLASS BLOCK WINDOW JAMB

1 1/2" = 1'-0"



GLASS BLOCK WINDOW SILL

1 1/2" = 1'-0"

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DRAWN BY: JUNA
DATE: MARCH 2002
PROJECT NO: 2001-36
PAUL STRESING ASSOCIATES, INC.
3401 NW 98th ST. SUITE 20
GAINESVILLE, FLORIDA 32606
E-MAIL: pstresing@atlantic.net
TELEPHONE: (352) 331-3830 FAX (352) 331-3801
REGISTRATION NO. AR0005966 - CA NO. AA000377

Y.M.C.A. - PROJECT PHASE A

PROPOSED CABINS &
MINOR SITE IMPROVEMENTS
Y.M.C.A. CAMP MCCONNELL
MICANOPY, FLORIDA

REVISIONS

ITEM

DATE

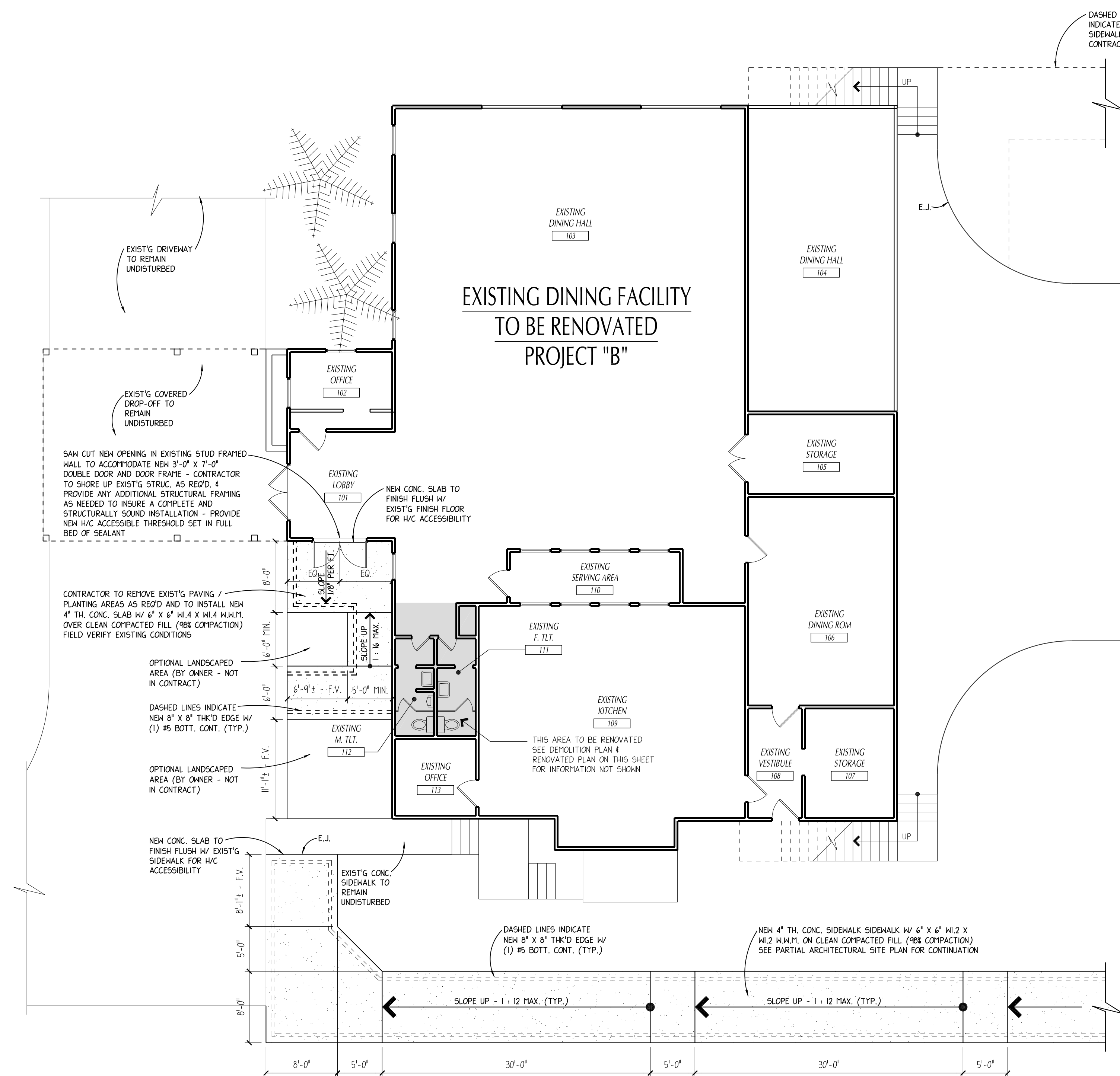
SHEET NO.

A.6

OF X

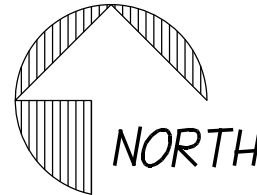


SHEET NO.	DATE	ITEM	REVISIONS	PROPOSED CABINS & MINOR SITE IMPROVEMENTS Y.M.C.A. CAMP MCCONNELL FLORIDA MICANOPY,	PAUL STRESING ASSOCIATES, INC. 3403 NW 36th ST. SUITE 20 GAINESVILLE, FL 32606 E-MAIL: prsarch@atlantic.net TELEPHONE: (352) 331-3830 FAX (352)331-3801 REGISTRATION NO. AR00019985 - CA NO. AA0003377	DRAWN BY: JMA
A.7						
			</			



EXISTING FLOOR PLAN

1/8" = 1'-0"



PLUMBING GEN. NOTES:

PLUMBING DESIGN TO BE BY JOHN CHURCH, CHURCH'S PLUMBING, INC., OF GAINESVILLE, FLORIDA. UTILIZING THE ABOVE DUCT LOCATION LINE DIAGRAM, ALL DUCT & VENT LINE SIZES AS WELL AS ACCESSORIES & MISC. INCIDENTALS SHALL BE FULLY NOTED & DOCUMENTED IN THE FINAL SHOP DRAWINGS TO BE INCLUDED AS PART OF THE CLOSEOUT DOCUMENTS. DUE TO THE NATURE OF THE PROJECT, THE SUB-CONTRACTOR MAY FIND IT NECESSARY TO MAKE FIELD ADJUSTMENTS TO COORDINATE AND/OR ACCOMMODATE SYSTEMS IN PLACE. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO COORDINATE INSTALLATION WITH THE CONTRACTOR. IF ANY CONFLICTS ARE ENCOUNTERED THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR DIRECTION.

CONTRACTOR SHALL FIELD LOCATE EXISTING S.S. LINE, SAKCUT AND REMOVE SLAB AS REQ'D. TO RECONNECT NEW PLUMBING LAYOUT TO EXISTING SERVICE. PATCH BACK SLAB TO FLUSH W/ SURROUNDING CONDITIONS AND FINISH PER SCHEDULE.

GENERAL MECH NOTES:

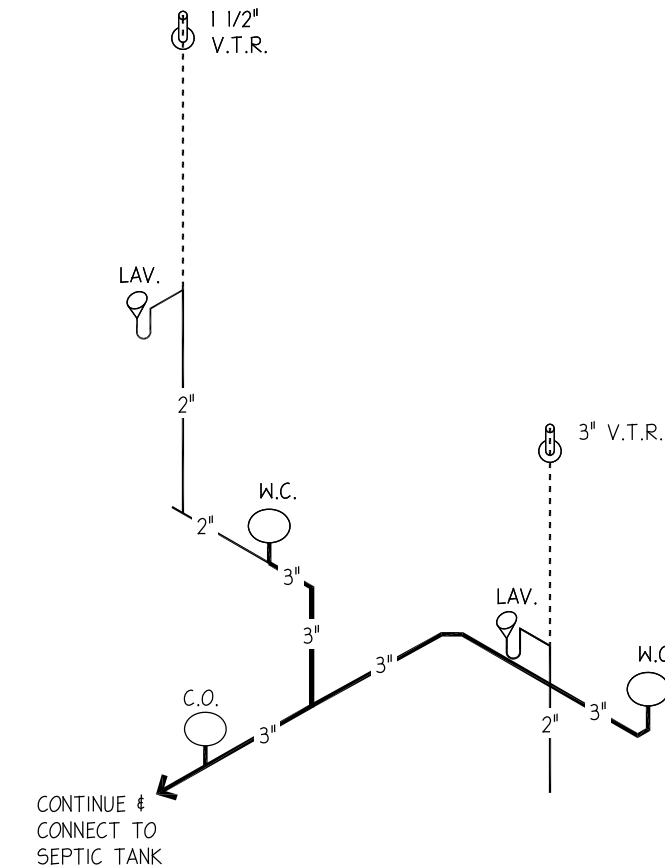
- H.V.A.C. DESIGN TO BE BY ED NEHANS, NEHANS HEATING AND A/C, INC. OF GAINESVILLE, FLORIDA. UTILIZING THE ABOVE DUCT LOCATION LINE DIAGRAM, ALL DUCT AND GRILLE SIZES AS WELL AS ACCESSORIES & MISC. INCIDENTALS SHALL BE FULLY NOTED & DOCUMENTED IN THE FINAL SHOP DRAWINGS TO BE INCLUDED AS PART OF THE CLOSEOUT DOCUMENTS. DUE TO THE NATURE OF THE PROJECT THE SUB-CONTRACTOR MAY FIND IT NECESSARY TO MAKE FIELD ADJUSTMENTS TO COORDINATE AND/OR ACCOMMODATE SYSTEMS IN PLACE. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE INSTALLATION WITH THE CONTRACTOR. IF ANY CONFLICTS ARE ENCOUNTERED THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR DIRECTION.
- REUSE EXISTING DUCT WORK, GRILLES AND FICS. IDENTICALS WERE POSSIBLE. RECONFIGURE TO ACCOMMODATE NEW FLOOR PLAN LAYOUT.
- MECHANICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY ENERGY CALCULATIONS REQUIRED FOR PERMIT & D.O.E. APPROVAL.

PLUMBING NOTES:

- PROVIDE 4" DEEP SEAL TRAPS AT ALL FLOOR DRAINS AND FLOOR
- WHERE WALLS, CEILINGS AND FLOORS ARE PENETRATED FOR THE INSTALLATION OF PIPING, THEY SHALL BE MADE WATERTIGHT. NO ROUGH OPENINGS WILL BE ALLOWED. REPLACE, REPAIR AND PATCH ALL DAMAGED SURFACES TO MATCH ADJACENT MATERIALS.
- ALL COPPER PIPING UNDER CONCRETE FLOOR SLABS OR IN MASONRY WALLS SHALL HAVE VINYL SLEEVES UNBROKEN FOR THE FULL LENGTH OF THE PIPE. ISOLATE ALL COPPER PIPING FROM PIPE HANGERS AND ANY OTHER DISSIMILAR MATERIALS.
- CONTRACTOR TO VERIFY ALL FIXTURE ROUGH-IN LOCATIONS WITH ARCHITECT
- SANITARY AND VENT PIPING 3" OR LARGER SHALL SLOPE 1/8" PER FOOT UNLESS OTHERWISE NOTED. PIPING LESS THAN 3" SHALL SLOPE 1/4" PER FOOT. CONTRACTOR SHALL DETERMINE INVERT AND DISTANCE PRIOR TO INSTALLATION.
- VENT PIPES THROUGH ROOF SHALL BE OFFSET A MINIMUM OF 3'-0" FROM ALL PARAPET AND VERTICAL WALLS AND EDGE OF ROOF. VENT TERMINATION SHALL BE MINIMUM OF 10'-0" FROM ANY HVAC OUTSIDE AIR INTAKE(S).
- PROVIDE CHROMIUM PLATED STOPS AT ALL PLUMBING FIXTURES AND KITCHEN EQUIPMENT.
- COORDINATE PIPING LOCATIONS WITH STRUCTURAL, HVAC AND ELECTRICAL TRADES. DETERMINE PIPING LOCATIONS AND CONFIGURATIONS WITH ALL OTHER TRADES PRIOR TO FABRICATION. CONTRACTOR SHALL VERIFY THAT ALL PIPING IS LOCATED TO MISS LIGHTING, ELECTRICAL CONDUITS, HVAC, PLUMBING, ETC.
- 50/50 SOLDER NOT ALLOWED
- CONTRACTOR SHALL INSTALL ALL PLUMBING RELATED WORK IN STRICT ACCORDANCE WITH THE MOST RECENT EDITION OF THE NATIONAL PLUMBING CODE AND ALL APPLICABLE STATE AND LOCAL CODES, ORDINANCES, ETC.
- CHROME PLATED BRASS ESCUTCHEONS SHALL BE REQUIRED AT ALL FINISHED WALL PIPE PENETRATIONS.
- COORDINATE BUILDING UNDERGROUND SANITARY, WATER AND STORM WATER PIPING WITH OWNER. DETERMINE ALL INVERT ELEVATIONS BEFORE PIPE INSTALLATION.
- VERIFY LOCATION OF ALL HANDICAPPED PLUMBING FIXTURES WITH ARCHITECTURAL DRAWINGS.

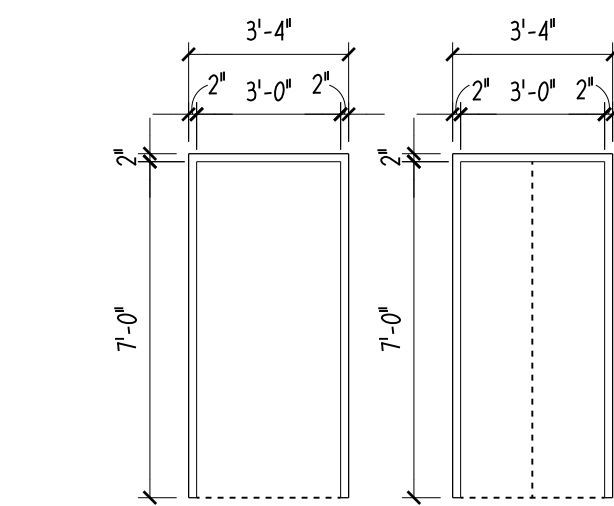
WASTE RISER DIAGRAM

NOT TO SCALE



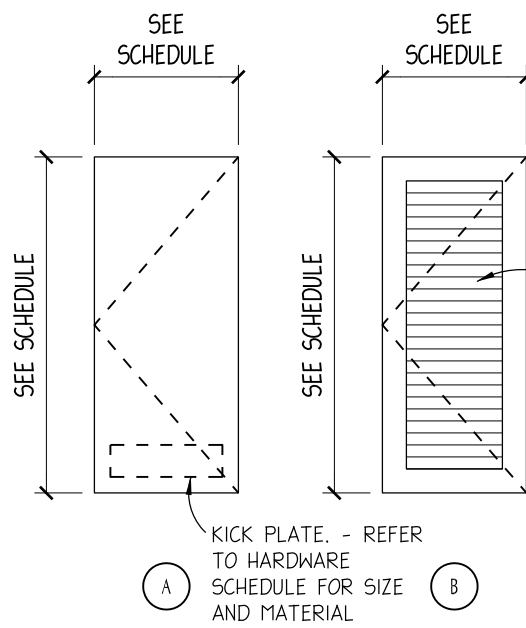
INT. ELEV. RM. # 111B

1/4" = 1'-0"



DOOR FRAME TYPES

1/4" = 1'-0"



DOOR TYPES

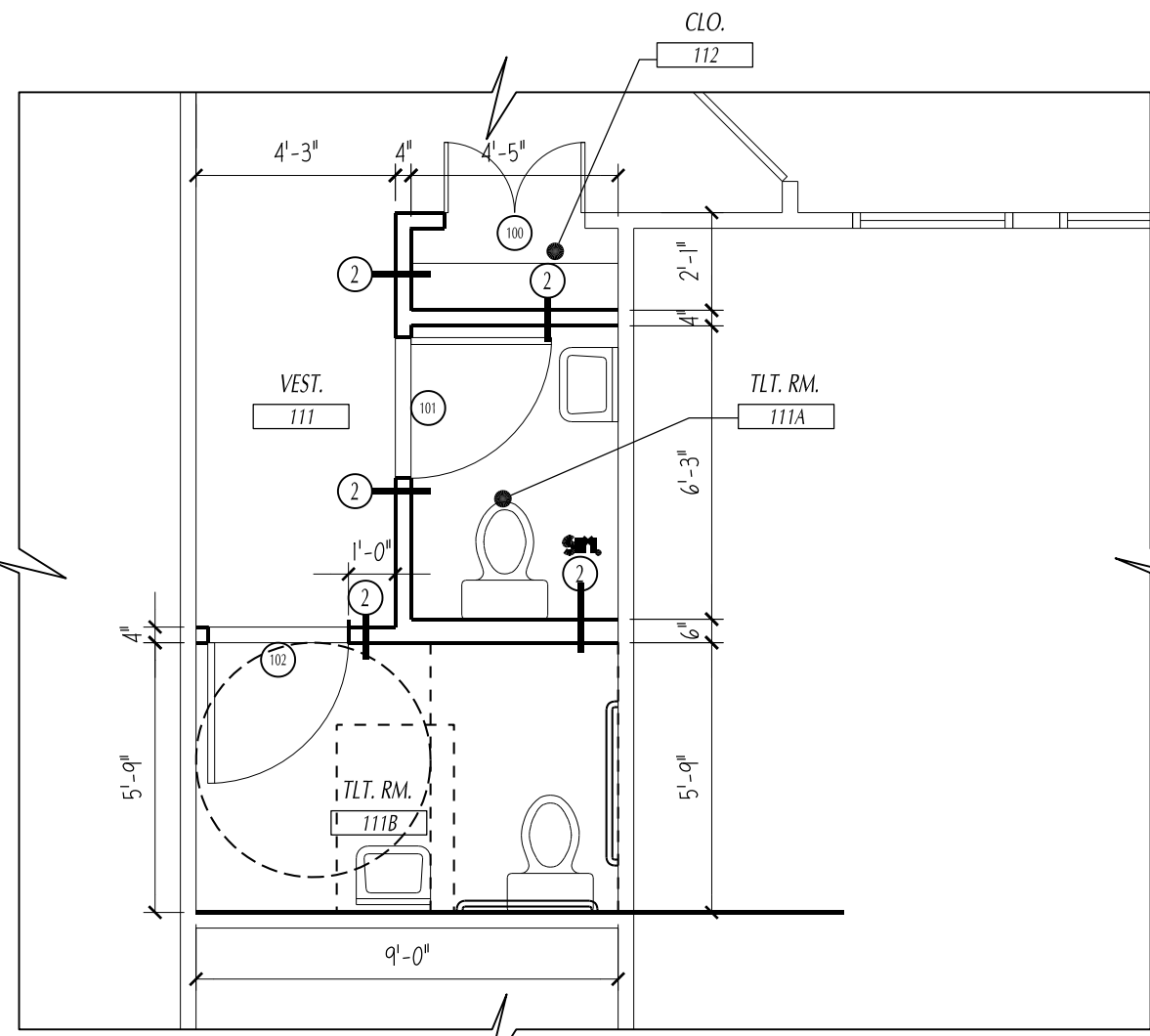
1/4" = 1'-0"

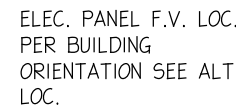
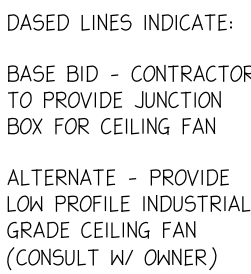
2
A.8

3
A.8

BATHROOM DEMOLITION PLAN

1/4" = 1'-0"




$$1/4'' = 1'-0''$$


1. LIGHTING -----2 VA x 5 F. (1,156 5 F.)-----	2,312 VA
2. LIGHTING -----CONTINUOUS LOAD x 1.25-----	2,880 VA
3. LIGHTING -----DEMAND FACTOR-----	1,445 VA
4. A/C. ---CONDENSORS ((2) 13 AMP 1 1/2 TON MOTORS)--- -----HEAT STRIPS ((2) @ 5 K.W. EA.)-----	6,240 VA 10,700 VA
5. RECEPTILES ---180 VA x EA. (19 TOTAL RECP.)---	3,420 VA
6. COOKING EQUIP.-(2) WATER HEATERS-----	7,000 VA
	TOTAL-----28,805 VA
TOTAL AMPS-----28,805 VA / 240V= 120.02 AMPS	



NOT TO SCALE

$$1/4'' = 1'-0''$$


1. THE ELECTRICAL DESIGN TO BE BY ed neumann, neumann heating and a/c, inc. of gainesville, FLORIDA. UTILIZING THE ABOVE FIXTURE LOCATION LINE DIAGRAM. ALL FIXTURES & WIRING SIZES AS WELL AS ACCESSORIES & MISC. INCIDENTALS SHALL BE FULLY NOTED & DOCUMENTED IN THE FINAL SHOP DRAWINGS TO BE INCLUDED AS PART OF THE CLOSEOUT DOCUMENTS. DUE TO THE NATURE OF THE PROJECT THE SUB-CONTRACTOR MAY FIND IT NECESSARY TO TAKE FIELD ADJUSTMENTS TO COORDINATE AND/OR ADJUST THE SYSTEMS IN PLACE. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE WITH THE MECHANICAL CONTRACTOR TO PREVENT ANY CONFLICTS. IF ANY CONFLICTS ARE ENCOUNTERED THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR DIRECTION.

2. SUB-CONTRACTOR SHALL PROVIDE ELECTRICAL SERVICES AS REQ. TO ATTIC SPACE TO COMPLY W/ ALL LOCAL & STATE CODES & ORDINANCES. COORDINATE W/ CONTRACTOR FOR REQUIREMENTS.

1. THE ELECTRICAL DESIGN IS BY HYNES ELECTRIC, INC., 2106 N. C. 337, HIGH SPRINGS, FLORIDA, 32641. UTILIZING THE ABOVE FIXTURE LOCATION LINE DIAGRAM, ALL RECEPTIBLES & WIRING SIZES AS WELL AS ACCESSORIES & MISC. INCIDENTALS SHALL BE FULLY NOTED & INCORPORATED IN THE FINAL SHOP DRAWINGS TO BE INCLUDED AS PART OF THE CLOSEOUT DOCUMENTATION. DUE TO THE NATURE OF THE PROJECT, THE SUB-CONTRACTOR MAY FIND IT NECESSARY TO MAKE FIELD ADJUSTMENTS TO COORDINATE AND/OR ACCOMMODATE SYSTEMS IN PLACE. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE INSTALLATION WITH THE CONTRACTOR. IF ANY CONFLICTS ARE ENCOUNTERED THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR DIRECTION.

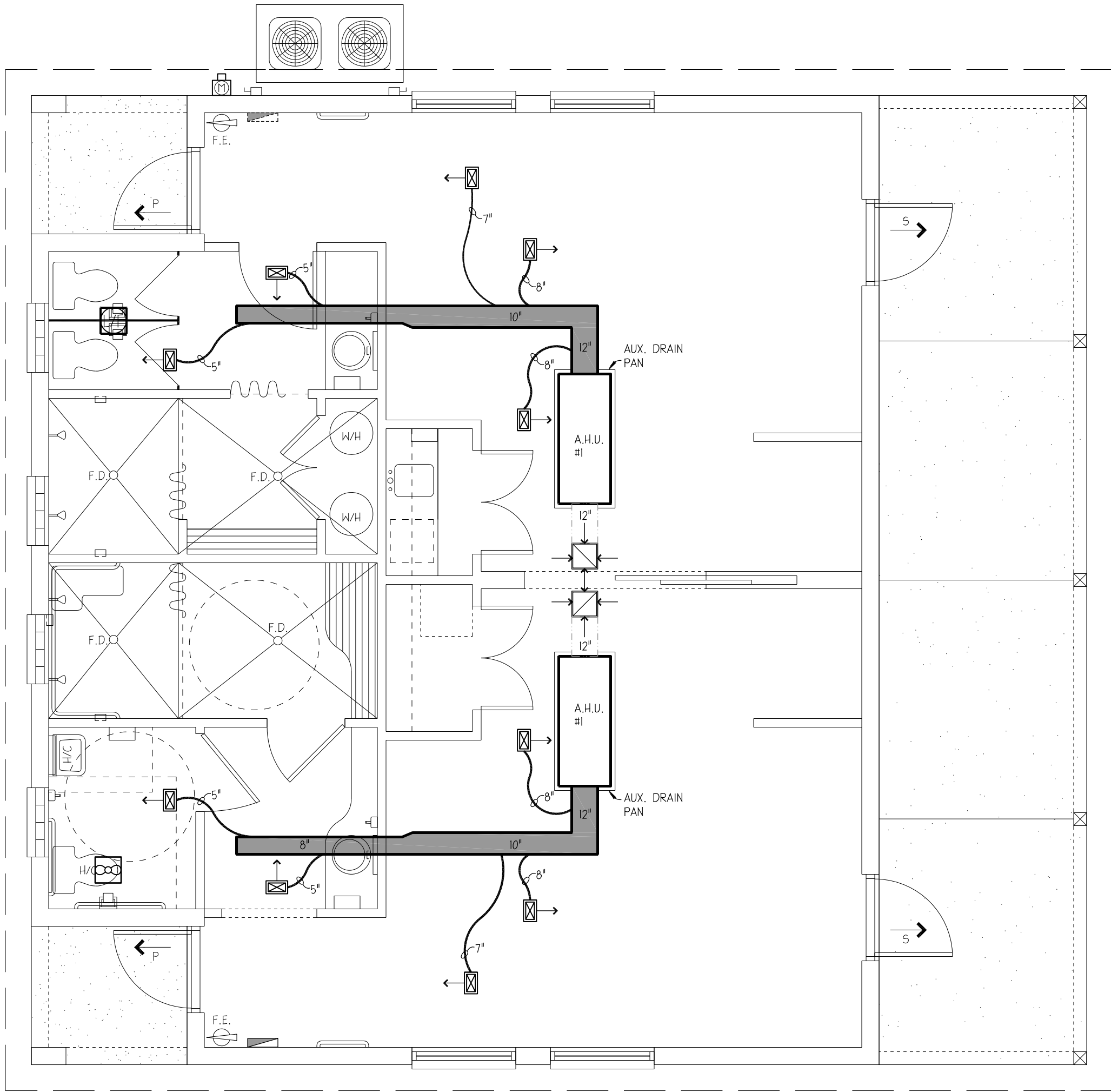
2. SUBCONTRACTOR SHALL PROVIDE ELECTRICAL SERVICES AS REQ. TO ATTIC SPACE TO COMPLY W/ ALL LOCAL & STATE CODES & ORDINANCES. COORDINATE W/ CONTRACTOR FOR REQUIREMENTS.

REVISED	DATE	ITEM

SHEET NO.

E.1

OF X



MECHANICAL PLAN

1/4" = 1'-0"

SECTION 15000 - MECHANICAL, GENERAL

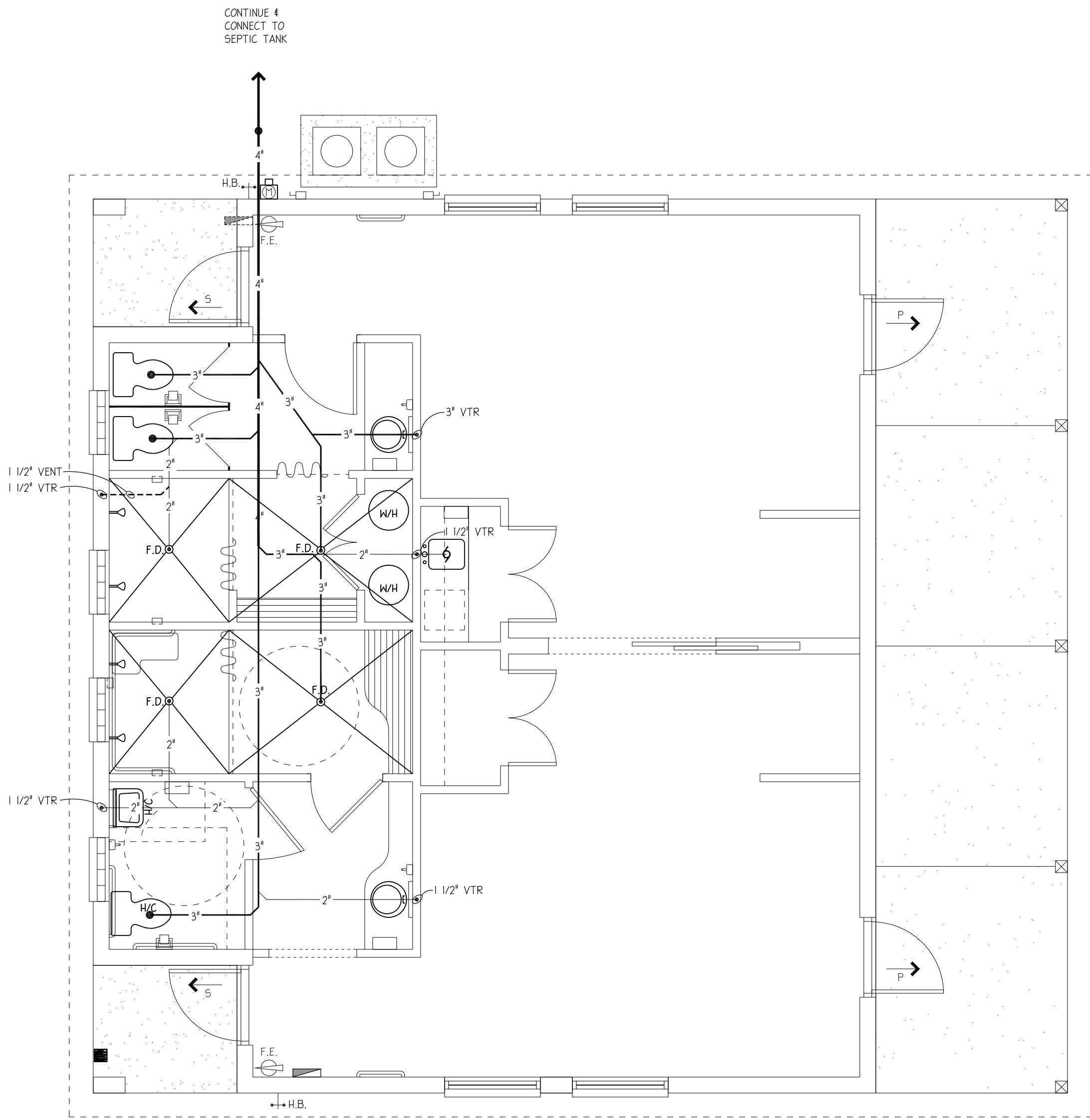
- 1.0 GENERAL
- 1.01 Model Numbers: Catalog Numbers and Model Numbers indicated in the Drawings and Specifications are used as a guide in the selection of the equipment and are only listed for the Contractor's convenience. The Contractor shall determine the actual numbers for ordering materials in accordance with the written description of each item and with the intent of the drawings and specifications.
- 1.02 "As-Built" Record Drawings:
- A. At the commencement of the work, the Contractor will be furnished two complete sets of white prints of the mechanical and plumbing drawings. All corrections, variations and deviations to the drawings, including those required by change orders, if any, must be recorded in colored ink or colored pencil at the end of each working day on these prints which shall be available at all times for inspection. The Contractor shall submit one complete set of these white prints, marked as stated above, indicating the actual completed installation of the work included under this Division.
- B. After review, these prints will be returned to the Contractor and all these data shall be transferred to scale, by a competent draftsman, to reproducible tracings or copies of the original contract drawings.
- 1.03 Acceptance:
- A. Submit written confirmation that all punch lists issued during construction have been checked and the required work completed.
- B. Submit four (4) certified copies of the test and balance report, unless test and balance is performed under a separate contract.
- C. Submit a letter from an authorized representative of the air conditioning equipment manufacturer stating that all units have been checked and that the system is operating as intended.
- D. Bind maintenance instructions and parts lists in booklets.
- E. Acceptance will be made on basis of tests and observations of job. A representative of firm that performed test and balance work shall be in attendance to assist. Contractor shall furnish necessary mechanics to operate system, make any necessary adjustments and assist with final inspection.
- F. Submit schedule for equipment maintenance during guarantee period.
- 1.04 Clean-Up: Thoroughly clean all exposed parts of apparatus and equipment of cement, plaster, and other materials and remove all oil and grease spots. Repaint or touch up as required to look like new. Such surfaces are to be carefully wiped and all cracks and corners scraped out. Exposed metal to be carefully brushed down with steel brushes to remove rust and other spots and touch up with primer. During progress of work, Contractor shall clean up and leave premises and all portions of building free from debris and in a clean and safe condition. Brush out fins on all cooling and heating coils.
- 1.05 Guarantee and Service:
- A. The Contractor shall guarantee labor, materials and equipment for a period of one (1) year from Substantial Completion, or from Owner's occupancy, whichever is earlier and shall include all necessary adjustments to and replacement of defective items.
- B. Owner reserves the right to make emergency repairs as required to keep equipment in operation without voiding the Contractor's Guarantee Bond nor relieving Contractor of his responsibilities during guarantee period.
- C. In addition to the guarantee, the Contractor shall furnish maintenance for all new equipment during the guarantee period. The Contractor shall submit an itemized list of work to be performed during scheduled maintenance visits and dates visits will be made.
- 1.06 Systems Operation: The Contractor shall operate cooling and heating systems as required after initial startup for installation of ceilings, carpet, etc. (to prevent warping, sagging, etc.). The Contractor's one year warranty on equipment shall not begin until the date of substantial completion or Owner's occupancy, whichever occurs first.

SECTION 15003 - CODES AND REGULATIONS

- 1.0 GENERAL
- 1.01 Alachua County Codes and Ordinances, including Supplements:
- A. Florida Building Code, Life Safety, 2001
- B. Florida Building Code, Electrical, 2001
- C. Florida Building Code, most recent Edition, as well as any revisions thereafter
- D. Florida Building Code, Mechanical, 2001
- E. Florida Building Code, Plumbing, 2001
- F. ANSI A17.1, 1961 (R1971)
- 1.02 Americans with Disabilities Act, Accessibility Guidelines (ADAAG) and Florida Department of Community Affairs Accessibility Requirements Manual (CDAART) most stringent requirements.
- 1.03 Other Sections of Division 1500 contain code references governing specific equipment, materials and work.
- END OF SECTION.

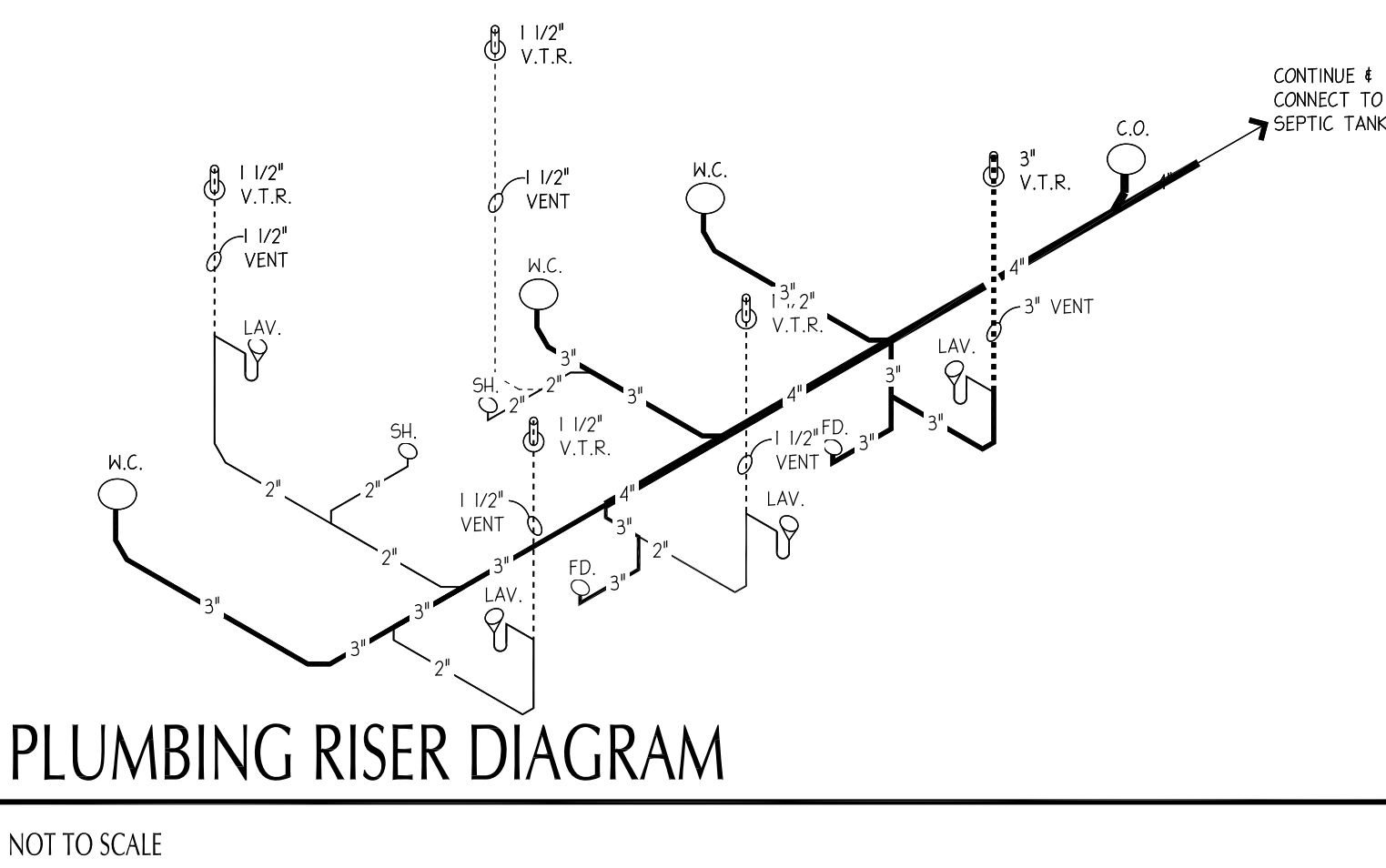
GENERAL MECH NOTES:

1. H.V.A.C. DESIGN TO BE BY ED NEMANS, NEMANS HEATING AND A/C, INC. OF GAINESVILLE, FLORIDA. UTILIZING THE ABOVE DUCT LOCATION LINE DIAGRAM. ALL DUCT AND GRILLE SIZES AS WELL AS ACCESSORIES & MISC. INCIDENTALS SHALL BE FULLY NOTED & DOCUMENTED IN THE FINAL SHOP DRAWINGS TO BE INCLUDED AS PART OF THE CLOSEOUT DOCUMENTS. DUE TO THE NATURE OF THE PROJECT THE SUB-CONTRACTOR MAY FIND IT NECESSARY TO MAKE FIELD ADJUSTMENTS TO COORDINATE AND/OR ACCOMMODATE SYSTEMS IN PLACE. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE INSTALLATION WITH THE CONTRACTOR. IF ANY CONFLICTS ARE ENCOUNTERED THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR DIRECTION.
2. A.H.U.'S #1 & #2 ARE LOCATED IN ATTIC SPACE. PROVIDE AUX. DRAIN PANS AS REQ'D. AND CONNECT TO PLUMBING WASTE SYSTEM.
3. HAZARDOUS WASTE: The dispersal, discharge, escape, release or saturation of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, liquids, gases or pollutant in or to the atmosphere, on, on, onto, upon, in or into the surface or subsurface soil, water, objects are not permitted by this Division's work.
4. MECHANICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY ENERGY CALCULATIONS REQUIRED FOR PERMIT & D.O.E. APPROVAL.
5. SUPPLY AIR GRILLE SIZED BY MECH. CONTRACTOR
6. RETURN AIR GRILLE SIZED BY MECH. CONTRACTOR
7. SUPPLY DUCT SIZED BY MECH. CONTRACTOR
8. RETURN DUCT SIZED BY MECH. CONTRACTOR
9. COMPRESSOR



PLUMBING PLAN

1/4" = 1'-0"



PLUMBING RISER DIAGRAM

NOT TO SCALE

SECTION 15308 - PVC DRAIN, WASTE AND VENT PIPE AND FITTINGS

- 1.0 PRODUCTS
- 1.01 Pipe and Fittings: Polyvinyl chloride, Type I, Grade I meeting the requirements of ASTM D-2665.
- 1.02 Solvent Cement: PVC meeting the requirements of ASTM D-2564.
- 1.03 Primer: Tetrahydrofuran meeting the requirements of ASTM F-656.
- 2.0 EXECUTION
- 2.01 Installation: Storage and installation shall be in absolute compliance with applicable paragraphs of ASTM D-2665 Appendix A1 "Storage and Installation Procedures for PVC Plastic Drain, Waste and Vent Piping." ASTM D-2855 "Making Solvent-Cemented Joints with PVC Pipe and Fittings" and manufacturer's printed instructions.
- 2.02 PVC pipe shall not be installed under paved areas.
- 2.03 PVC pipe shall not be installed within or run through fire or smoke rated walls or assemblies.
- 2.04 Grade and compact trenches prior to laying pipe. Pipe shall be continuously supported by trench bottom.
- 2.05 Testing: System shall be tested at completion of roughing prior to covering pipe and entire system shall be tested again at completion of building construction prior to installation of fixtures. Use test plugs to seal waste piping at fixture locations.
- 2.06 Random joints will be selected for destructive testing during various phases of construction based on site observations during installation.
- 2.07 Density tests are required for trench bottoms prior to laying pipe in trenches and after backfilling is completed.
- END OF SECTION.

PLUMBING GENERAL NOTES

1. PROVIDE 4" DEEP SEAL TRAPS AT ALL FLOOR DRAINS AND FLOOR SINKS.
2. WHERE WALLS, CEILINGS AND FLOORS ARE PENETRATED FOR THE INSTALLATION OF PIPING, THEY SHALL BE MADE WATERTIGHT. NO ROUGH OPENINGS WILL BE ALLOWED. REPLACE, REPAIR AND PATCH ALL DAMAGED SURFACES TO MATCH ADJACENT MATERIALS.
3. ALL COPPER PIPING UNDER CONCRETE FLOOR SLABS OR IN MASONRY WALLS SHALL HAVE VINYL SLEEVES UNBROKEN FOR THE FULL LENGTH OF THE PIPE. ISOLATE ALL COPPER PIPING FROM PIPE HANGERS AND ANY OTHER DISSIMILAR MATERIALS.
4. CONTRACTOR TO VERIFY ALL FIXTURE ROUGH-IN LOCATIONS WITH ARCHITECT.
5. SANITARY AND VENT PIPING 3" OR LARGER SHALL SLOPE 1/8" PER FOOT UNLESS OTHERWISE NOTED. PIPING LESS THAN 3" SHALL SLOPE 1/4" PER FOOT. CONTRACTOR SHALL DETERMINE INVERT AND DISTANCE PRIOR TO INSTALLATION.
6. VENT PIPES THROUGH ROOF SHALL BE OFFSET A MINIMUM OF 5'-0" FROM ALL PARAPET AND VERTICAL WALLS AND EDGE OF ROOF. VENT TERMINATION SHALL BE MINIMUM OF 10'-0" FROM ANY HVAC OUTSIDE AIR INTAKE(S).
7. PROVIDE CHROME PLATED STOPS AT ALL PLUMBING FIXTURES AND KITCHEN EQUIPMENT.
8. COORDINATE PIPING LOCATIONS WITH STRUCTURAL, HVAC AND ELECTRICAL TRADES. DETERMINE PIPING LOCATIONS AND CONFIGURATIONS WITH ALL OTHER TRADES PRIOR TO FABRICATION. CONTRACTOR SHALL VERIFY THAT ALL PIPING IS LOCATED TO MEET LIGHTING, ELECTRICAL CONDUITS, HVAC, PLUMBING, ETC.
9. 50/50 SOLDER NOT ALLOWED.
10. CONTRACTOR SHALL INSTALL ALL PLUMBING RELATED WORK IN STRICT ACCORDANCE WITH THE MOST RECENT EDITION OF THE NATIONAL PLUMBING CODE AND ALL APPLICABLE STATE AND LOCAL CODES, ORDINANCES, ETC.
11. CHROME PLATED BRASS ESCUTCHEONS SHALL BE REQUIRED AT ALL FINISHED WALL PIPE PENETRATIONS.
12. COORDINATE BUILDING UNDERGROUND SANITARY, WATER AND STORM WATER PIPING WITH OWNER. DETERMINE ALL INVERT ELEVATIONS BEFORE PIPE INSTALLATION.
13. VERIFY LOCATION OF ALL HANDICAPPED PLUMBING FIXTURES WITH ARCHITECTURAL DRAWINGS.
14. PLUMBING DESIGN TO BE BY JOHN CHURCH, CHURCH'S PLUMBING, INC., OF GAINESVILLE, FLORIDA. UTILIZING THE ABOVE WASTE LINE LOCATION DIAGRAM. ALL WASTE & VENT LINE SIZES AS WELL AS ACCESSORIES & MISC. INCIDENTALS SHALL BE FULLY NOTED & DOCUMENTED IN THE FINAL SHOP DRAWINGS TO BE INCLUDED AS PART OF THE CLOSEOUT DOCUMENTS. DUE TO THE NATURE OF THE PROJECT THE SUB-CONTRACTOR MAY FIND IT NECESSARY TO MAKE FIELD ADJUSTMENTS TO COORDINATE AND/OR ACCOMMODATE SYSTEMS IN PLACE. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO COORDINATE INSTALLATION WITH THE CONTRACTOR. IF ANY CONFLICTS ARE ENCOUNTERED THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR DIRECTION.
15. ALL TOILETS SHALL BE TANK TYPE W/ TAMPER RESISTANT LIDS