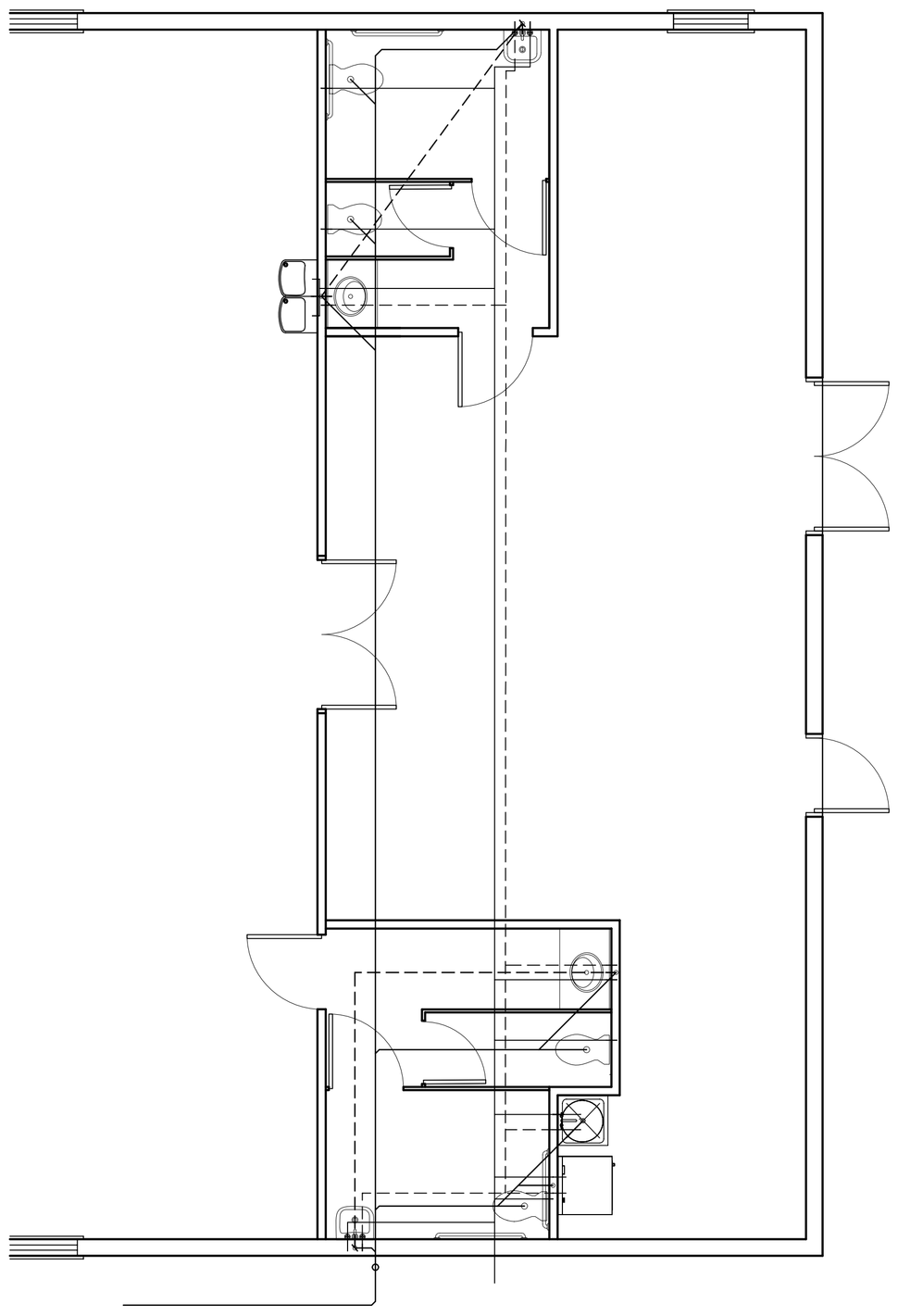
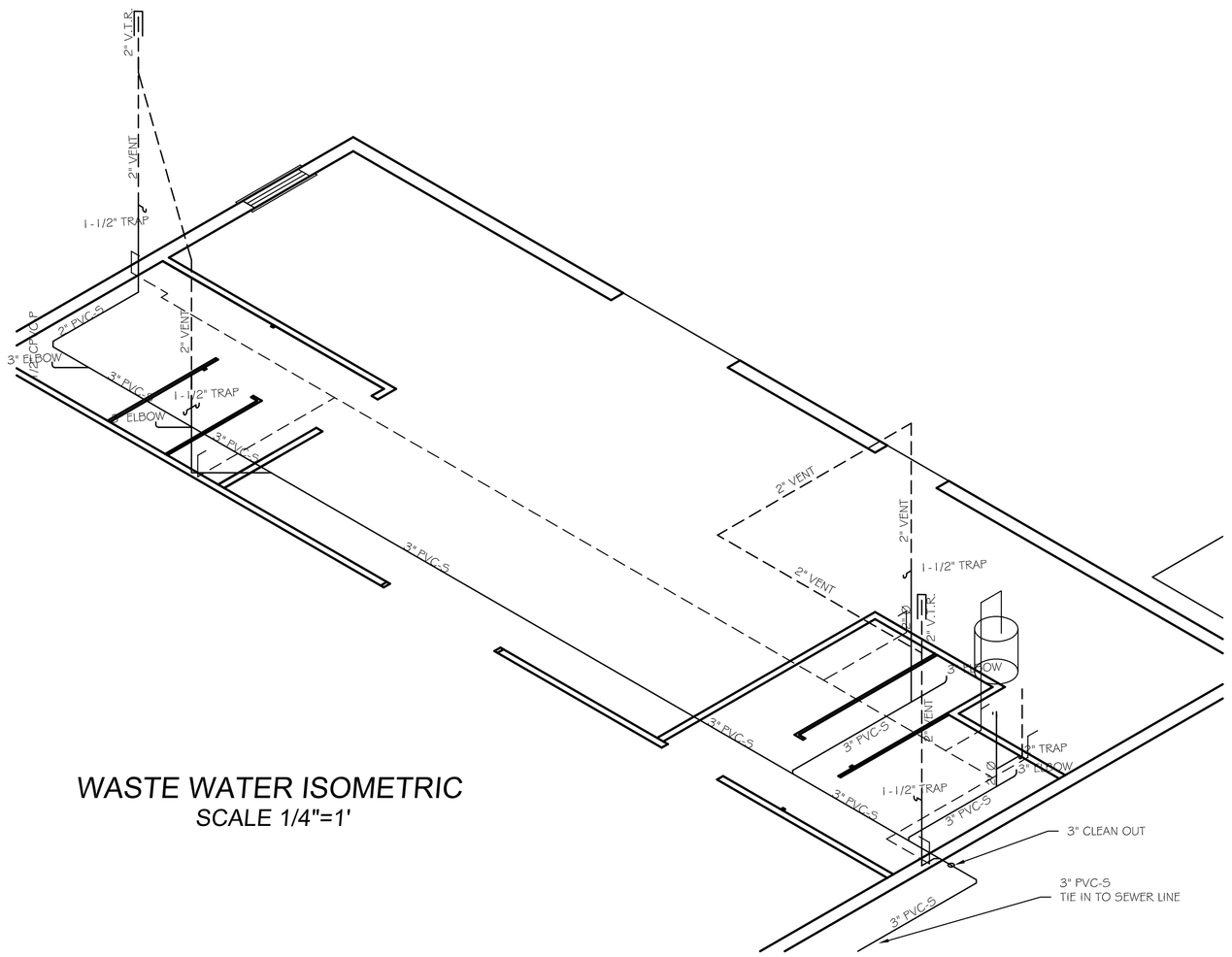
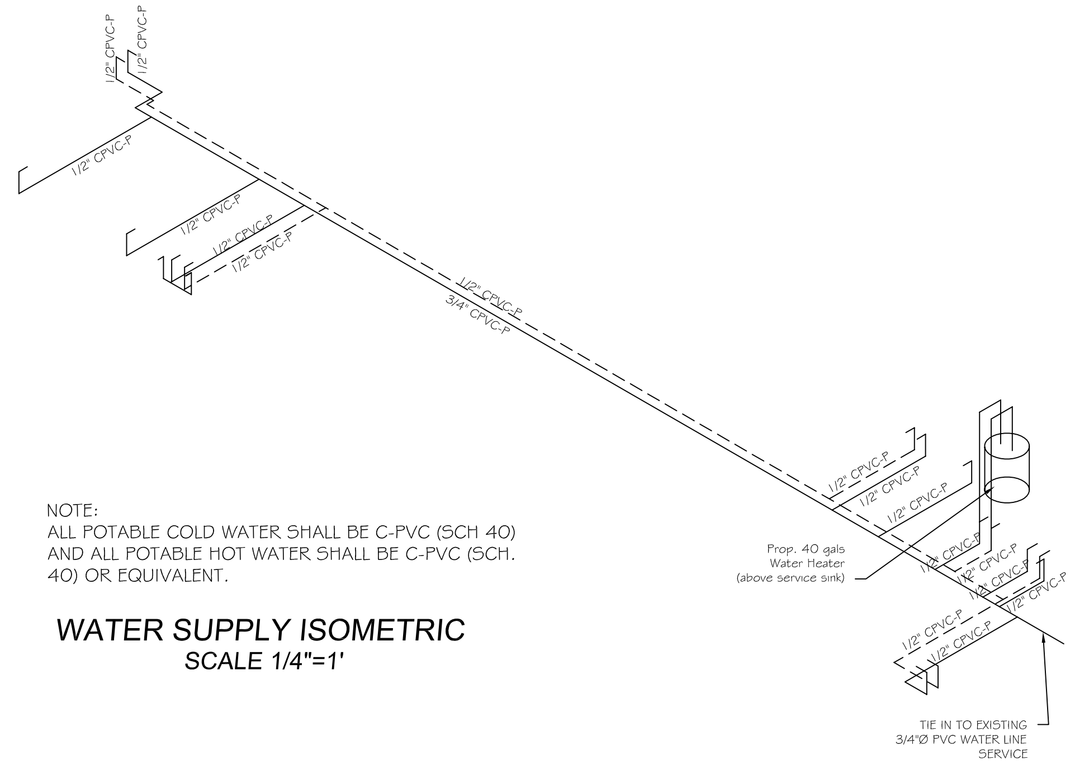


PLUMBING PLAN
SCALE 1/4"=1'



WASTE WATER ISOMETRIC
SCALE 1/4"=1'



NOTE:
ALL POTABLE COLD WATER SHALL BE C-PVC (SCH 40) AND ALL POTABLE HOT WATER SHALL BE C-PVC (SCH. 40) OR EQUIVALENT.

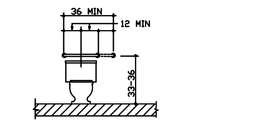
WATER SUPPLY ISOMETRIC
SCALE 1/4"=1'

PLUMBING FIXTURE CALCULATION

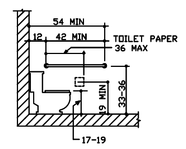
2010 FBC-Plumbing Table 403.1.
Building Occupancy: Business
Total Occupancy = 50 people

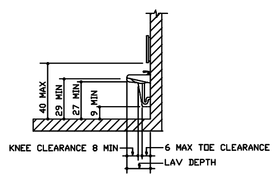
Required Plumbing fixture
Required Water Closets = 1 per 25 for ther first 50 and 1 per 50 for the remainder exceeding 50 people.
Required Water Closets = 50 people/25 people = 2.0 WC
Required Lavatories=1 per 40 for ther first 40 and 1 per 80 for the remainder exceeding 40 people.
Required Lavatories=50 people/40 people= 1.25 Lavatories
Required Drinking fountain = 1 per 100 = 50 people/ 100 people/fountain= 0.5 Drinking fountain.

Provided Plumbing fixtures
Total provided Water Closets = 4 W.C
Total provided Lavatories = 4 Lavatories
Total provided Drinking fountains = 1 (High and low water fountain)
Provide 1 service sink

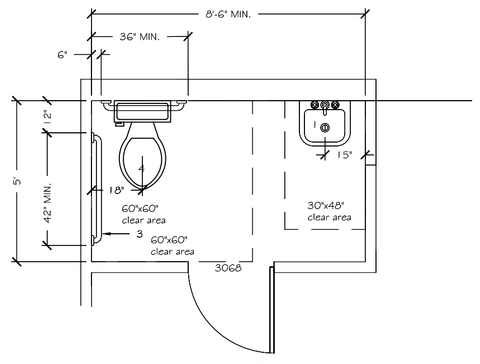


BACK WALL



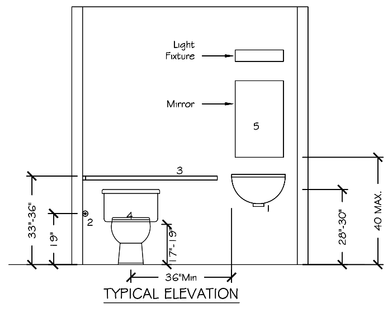


LAVATORY CLEARANCES

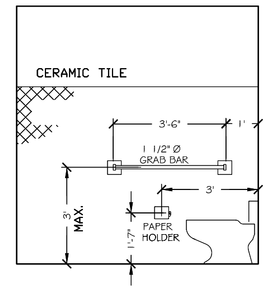


NEW CONSTRUCTION HC
RESTROOM TOILET STALL

LEGEND
1. WALL MOUNTED LAV. WITH BOTTOM OF APRON AT 28" TO 30" A.F.F.
2. SURFACE MOUNTED TOILET TISSUE DISPENSED 19" TO CENTER LINE.
3. HORIZONTAL GRAB BAR, 1 1/2" O.D., 1 1/2" CLEARANCE FROM WALL, MOUNTED 33" TO 36" A.F.F.
4. WATER CLOSET SEAT 17" TO 19" A.F.F.
5. MIRROR 40" MAX. A.F.F.
6. HOT WATER AND DRAIN PIPE TO BE PROTECTED.
7. OPENING TO BE 32" MIN. CLEARANCE.
8. RESTROOM REQUIRES EXHAUST FAN (SEE SCHEDULE)

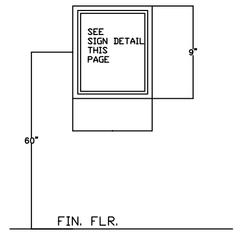


TYPICAL ELEVATION



BATHROOM DETAIL PLAN SCALE: N.T.S.

NOTE:
1. FLOOR OF RESTROOM TO HAVE NON-SLIP FINISH
2. WALLS TO HAVE NON-PERVIOUS FINISH (ENAMEL PAINT)
3. FLOORS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 6 INCHES
4. WALLS WITHIN 2 FEET OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE TO A HEIGHT OF 4 FEET ABOVE THE FLOOR, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE. ACCESSORIES SUCH AS GRAB BARS, TOWEL BARS, PAPER DISPENSERS AND SOAP DISHES, PROVIDED ON OR WITHIN WALLS, SHALL BE INSTALLED AND SEALED TO PROTECT STRUCTURAL ELEMENTS FROM MOISTURE.
5. INSTALL DEADWOOD AS NEEDED TO REINFORCE WALLS FOR GRAB BARS
6. PROVIDE TRAP AND HOT WATER JACKETS AT ACCESSIBLE LAVATORIES



REST ROOM SIGNAGE N.T.S.

HANDICAPPED RESTROOM
N.T.S.

Revisions	Date

WHERE AS EVERY ATTEMPT HAS BEEN MADE TO INCLUDE ALL DETAILS AND PERTINENT INFORMATION ON THE DRAWINGS, IT IS IMPOSSIBLE TO SHOW ALL CONDITIONS ON THE DRAWINGS. DETAILS, AND INFORMATION PROVIDED ON THE DRAWINGS, OR OMISSION OF DETAILS AND INFORMATION FROM THE DRAWINGS, DO NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR ANY OMISSION, OR DISCREPANCY ON THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.

CONTRACTOR:
DELESLINE
CONSTRUCTION
CGC 056682

OWNER AND ADDRESS:
FIRST UNITED
METHODIST CHURCH
333 10th AVENNUE WEST
PALMETTO, FL

TITLE:
PLUMBING PLAN
& DETAILS

BENSON ENGINEERING, INC.
ENGINEERS PLANNERS SURVEYORS
522 9TH STREET WEST, SUITE 2 BRADENTON, FL 34205
Phone: (941) 792-6161 Fax: (941) 746-5335

RAISED SEAL

SEAL:_____

DATE:_____

JULIAN A. AGUILAR N.
71367
3550 59th AVE. DR. W.
APT. D205
BRADENTON, FL. 34210

SCALE	SHOWN
JOB #	212035
DATE	11/01/12
DRW BY	JBB

SHEET
7
OF 9 SHEETS