

ARCHITECTURAL ANALYSIS:

BUILDING CODE: 2010 FBC EXISTING BUILDING
 ALTERATIONS TO COMPLY WITH ACCESSIBILITY REQ.
 CHAPTER 6 2010 FBC EXISTING BUILDING

USE GROUP "B" TRAINING AND SKILL DEVELOPMENT NOT WITHIN
 A SCHOOL OR ACADEMIC PROGRAM.

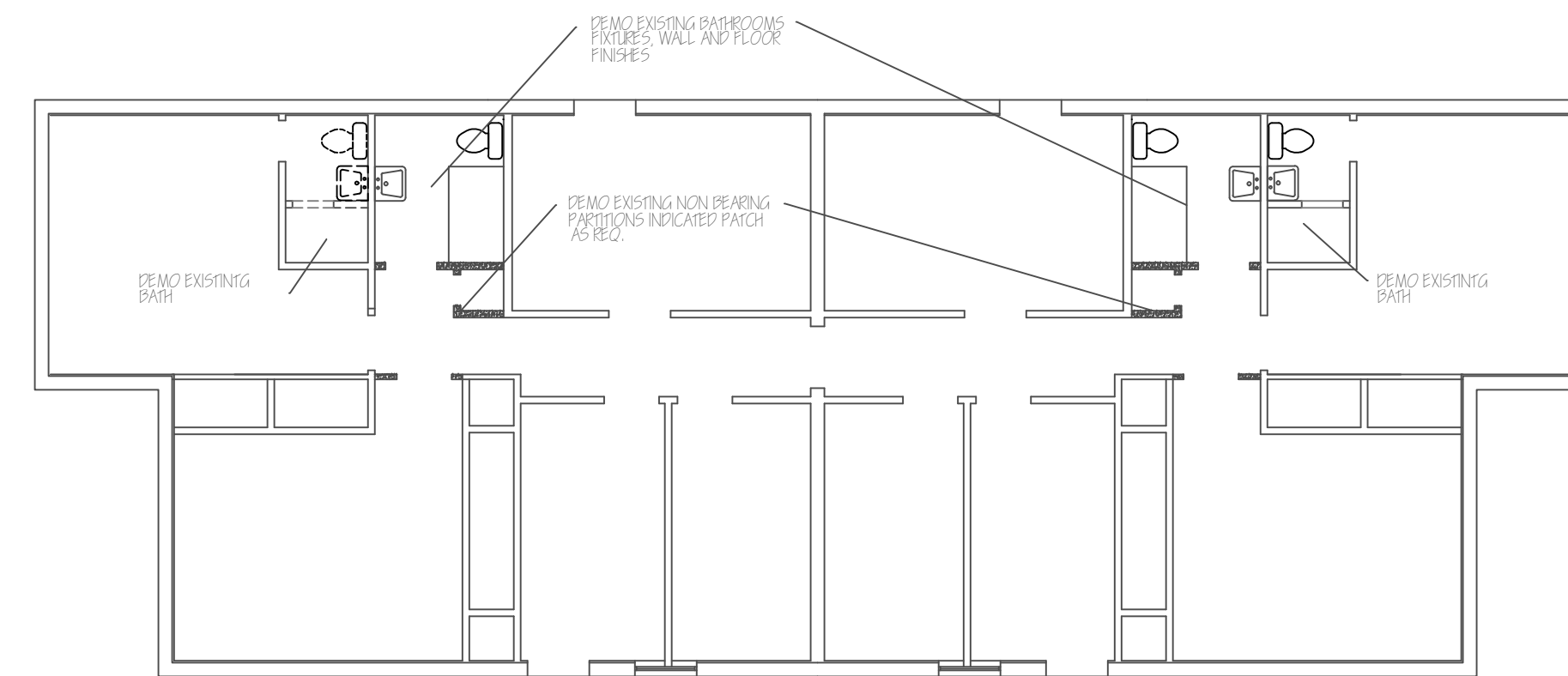
CONSTRUCTION TYPE: TYPE V UNPROTECTED
 BASIC WIND SPEED: 160 MPH
 WIND IMPORTANCE FACTOR: 1.00
 WIND EXPOSURE CATAGORY: C
 INT. PRESSURE COEFFICIENT: +/- 0.18
 MEAN ROOF HT. 10'
 ROOF SLOPE: 4/12

SITE DATA:

GROSS SITE AREA: 14,000 sq.ft.
 TOTAL ENCLOSED AREA: 2,161 sq.ft. (existing)
 CONDITIONED SPACE: 1961 sq.ft.
 PANEL ROOM: 80 sq.ft.
 BREAK PORCH: 120 sq.ft.

TOTAL AREA UNDER ROOF: 2,281 sq.ft. (existing)
 ENTRY PORCH: 120 sq.ft.
 AREA OF RENOVATION: 208 sq.ft. 9.6%

FLOOR AREA RATIO: 2281/14000=16.3 16.3%



DEMO PLAN

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

BUILDING CODE REVIEW

STRUCTURE DESCRIPTION: EXISTING SINGLE STORY BUILDING
 DESIGNERS OF RECORD: ARCHITECT: MATTHEW L. GORE
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 LICENSE NUMBER: #8577

BUILDING CODE: 2010 FBC EXISTING BUILDING

FLORIDA BUILDING CODE DATA:

USE GROUP:	B	
TYPE OF CONSTRUCTION:	TYPE V UNPROTECTED	
BUILDING VARIABLES (FBC TABLE 503)	ALLOWED	PROVIDED
BUILDING HEIGHT IN STORIES:	2	1
BUILDING AREA/FLOOR AREA:	9,000	2,281
LENGTH OF DEAD END COFRIDOR:	20'	11'-4"
MAXIMUM DISTANCE TO AND EXIT:	200	50'

OCCUPANT LOAD/FLOOR AREA PER PERSON: 1/100 22 PERSONS
 *ENCLOSED AREA IS 2,161 SQ.FT.
 NOTE: THIS IS SINGLE TENANT BLDG.

FIRE PROTECTION REQUIREMENTS

STRUCTURAL FRAME INCLUDING COLUMNS:	NR
GIRDERS, TRUSSES:	NR
EXTERIOR BEARING WALLS:	NR
INTERIOR BEARING WALLS:	NR
FLOOR CONSTRUCTION:	NR
ROOF CONSTRUCTION:	NR

FLORIDA PLUMING CODE DATA:

	MIN. REQ.	PROVIDED
FIXTURES:		
WATER CLOSETS:	1	2
URINALS:	0	0
LAVATORIES:	1	2
DRINKING FOUNTAINS:	1	1

LIFE SAFETY SYSTEM:

EMERGENCY LIGHTING: YES
 EXIT SIGNS: YES

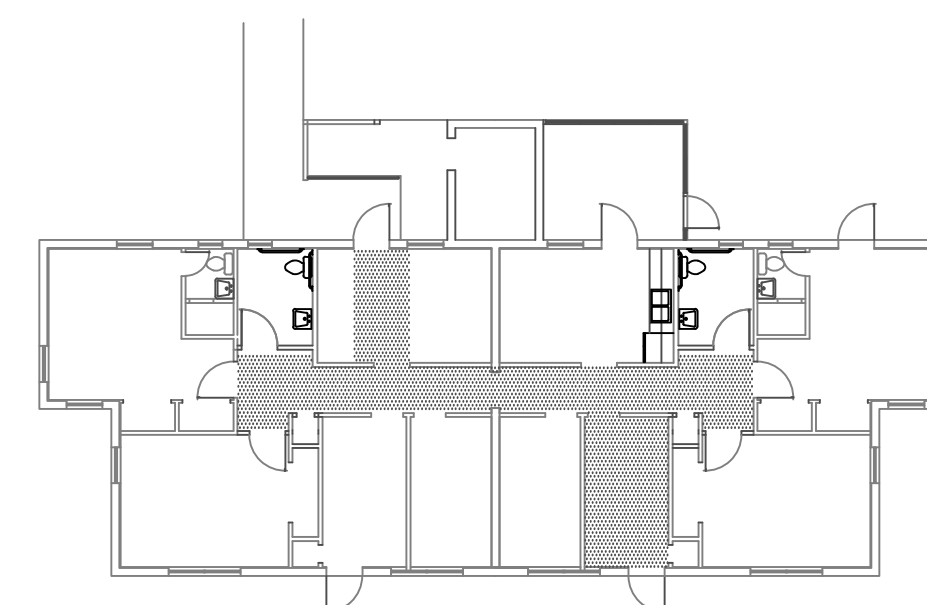
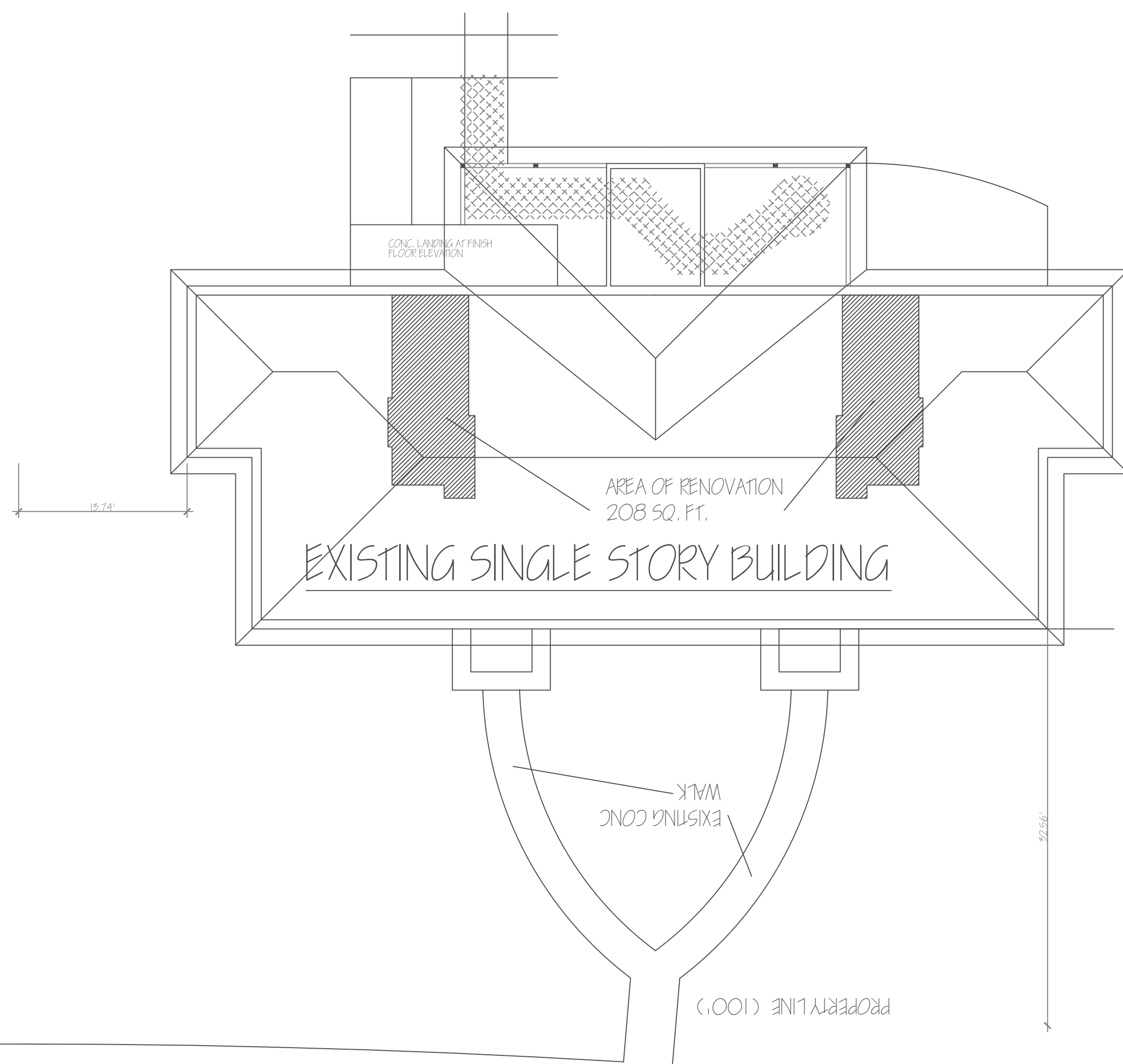
FBC 2010 ENERGY CONSERVATION:

101.4.4 CHANGE IN OCCUPANCY OR USE:
 PER 101.4.4 CHANGE IN USE OR OCCUPANCY THAT DO NOT INCREASE
 DEMAND FOR FOSSIL FUEL OR ELECTRICAL ENERGY ARE EXEMPT FROM
 THIS CODE. CHANGE FROM 2 RESIDENCES WITH 24/7 OCCUPANCY TO
 8 TO 5 WEEK DAYS ONLY IS A REDUCTION IN DEMAND.

	EXISTING	PROPOSED	NET CHANGE
RANGE	2	0	LESS DEMAND
REFRIG	2	1	LESS DEMAND
AC UNITS	2	2	NO CHANGE
LAUNDRY GROUP	2	0	LESS DEMAND
GENERAL LIGHTING	3W/SQ.FT.	3W/SQ.FT.	NO CHANGE

FBC 2010 MECHANICAL CODE:

101.4.4 CHANGE IN OCCUPANCY OR USE:
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ACCESSIBLE MEANS OF EGRESS

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

SCOPE OF WORK:

- REVISE BATHROOMS AND ACCESS AS REQ. FOR ADA COMPLIANCE
- ADD ADA COMPLIANT DRINKING FOUNTAIN
- HVAC: ADD TRANSFER RETURN GRILLS AS INDICATED AND ADD FRESH AIR INTAKE TO RETURN
 NO CHANGE TO EXISTING AC UNITS OR DUCT SYSTEM

OFFICE BUILDING REVISIONS

ADA ACCESSIBILITY UPDATE
 LOTS 3 & 4 EDGEWOOD ADDITION
 VERO BEACH, FLORIDA

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DATE: 5/22/14	PROJECT NUMBER: 13-95	SHEET: 1
		OF 2

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