

REVISIONS	

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

**PLUMBING NOTE:**

The Florida Building Code 2007, Chapter 29, and Florida Building Code, Plumbing shall govern plumbing fixtures and plumbing installations in this building project.

Plans and design for plumbing system in this building are to be furnished by the plumbing contractor to the engineer of record, the owner, and the building official for approval prior to construction or ordering any materials.

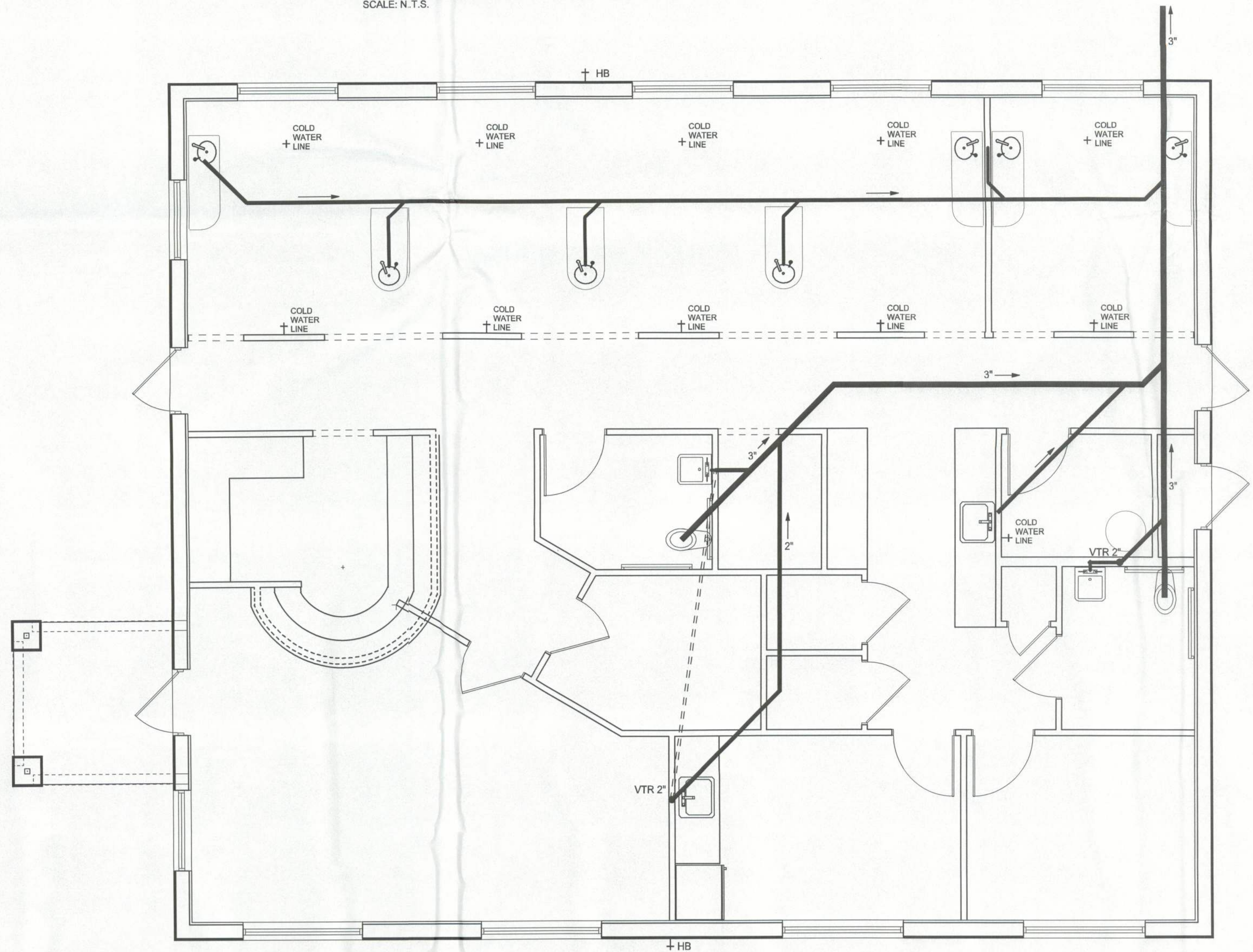
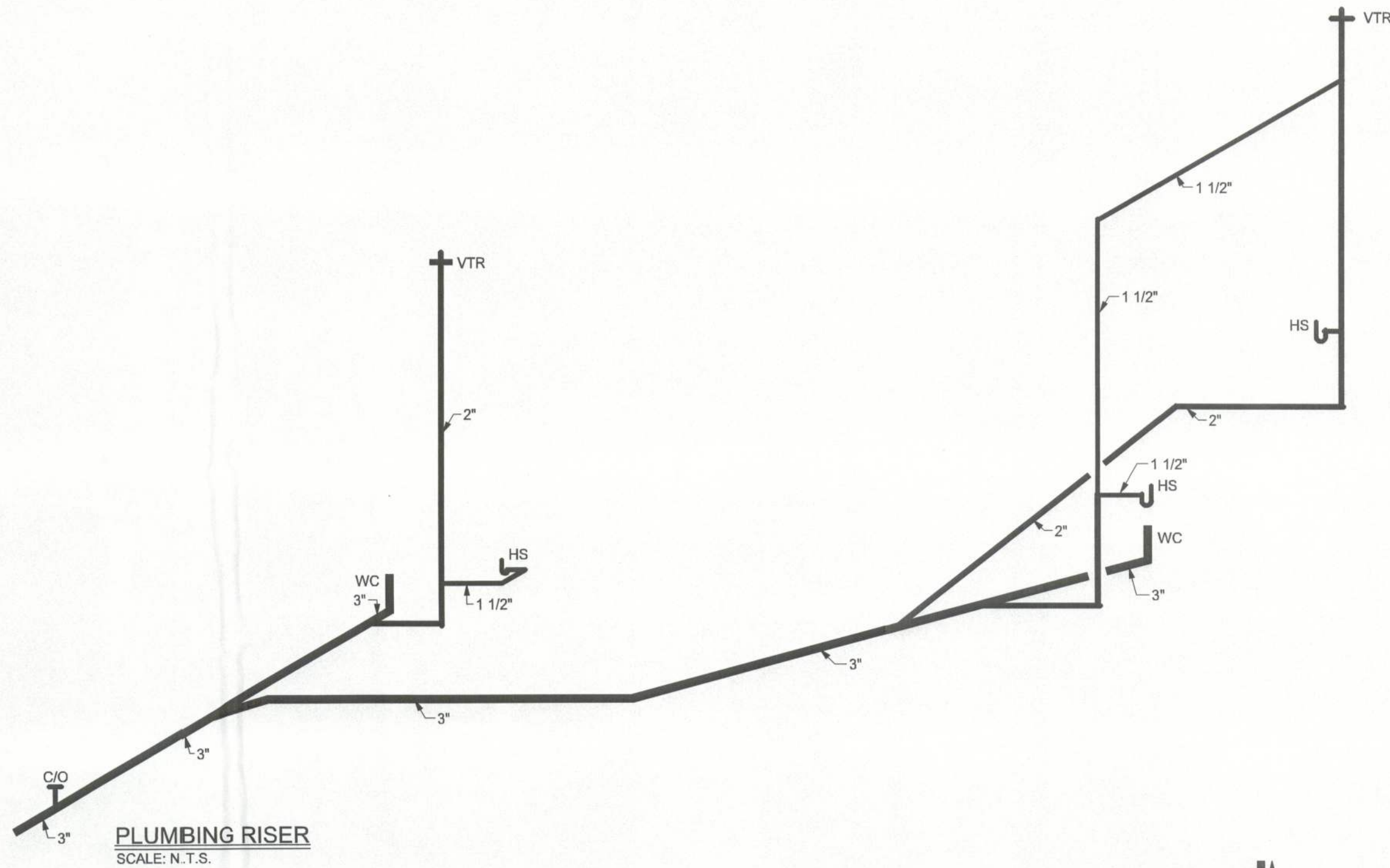
FBC 2007, 105.3.1.2 Does not require sealed engineering documents to be prepared by or under the direction of an engineer registered under chapter 471 Florida Statutes for plumbing systems for any new building or addition which requires a plumbing system with not more than 250 fixture units or which costs not more than \$50,000.

The plumbing plans should meet the following requirements:

1. Minimum plumbing facilities
2. Fixture requirements
3. Water supply piping
4. Sanitary drainage
5. Water heaters
6. Vents
7. Roof drainage
8. Back flow prevention
9. Irrigation
10. Location of water supply line
11. Grease traps
12. Environmental requirements
13. Plumbing riser

**Design of Plumbing Systems:**

- (1) Plumbing systems are those systems within a building that convey fluids, and gases generally as required by building codes.
- (2) "Design" documents applicable to Plumbing Systems shall when applicable, include but are not limited to the following:
  - (a) Equipment schedules for all plumbing fixtures, water heaters, boilers, pumps, grease traps, septic tanks, storage tanks, expansion tanks, compression tanks and roof and floor drains.
  - (b) Floor plans, site plans, and building and plumbing system elevations are appropriate.
  - (c) Isometric diagrams with pipe sizes and total sanitary waste fixture units.
  - (d) Sanitary riser diagrams with pipe sizes and total sanitary waste fixture units.
  - (e) Storm riser diagrams with pipe sizes and cumulative drain area square footages.
  - (f) Cold water, hot water, sanitary, and storm drainage piping layouts.
  - (g) System isometrics and flow diagrams of other fluids and gases.
  - (h) Design data for septic tank, grease trap(s), drain field sizing, when applicable.
  - (i) List of ASHRAE, ASME, ASPE, ANSI and other applicable codes, design standards, and requirements.
  - (j) Design shall be in accordance with handicap requirements adopted by the authority having jurisdiction.
  - (k) Instrumentation and Control Diagrams and sequence of operation.
  - (l) All plumbing fixtures, valves, pumps, tanks, accessories, specialties, enclosures, and such equipment shall be described and located on the drawings.
  - (m) Materials for all plumbing systems shall be specified.



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

MIN. NUMBER OF PLUMBING FIXTURES (403.1)  
WATER CLOSET = 1 PER 25 = 1 REQUIRED  
LAVATORIES = 1 PER 40 = 1 REQUIRED

Blake Construction

New Dentist Office for:  
Family Health Center  
of Columbia County

ADDRESS:  
Lake City, Florida  
Columbia County

PRINTED DATE:  
June 02, 2011

DRAWN BY: Evan Beasley  
CHECKED BY:

FINALES DATE:  
2011-05-24

JOB NUMBER:  
1104014

DRAWING NUMBER

5

OF 10 SHEETS