

CODE STUDY: 2006 IBC

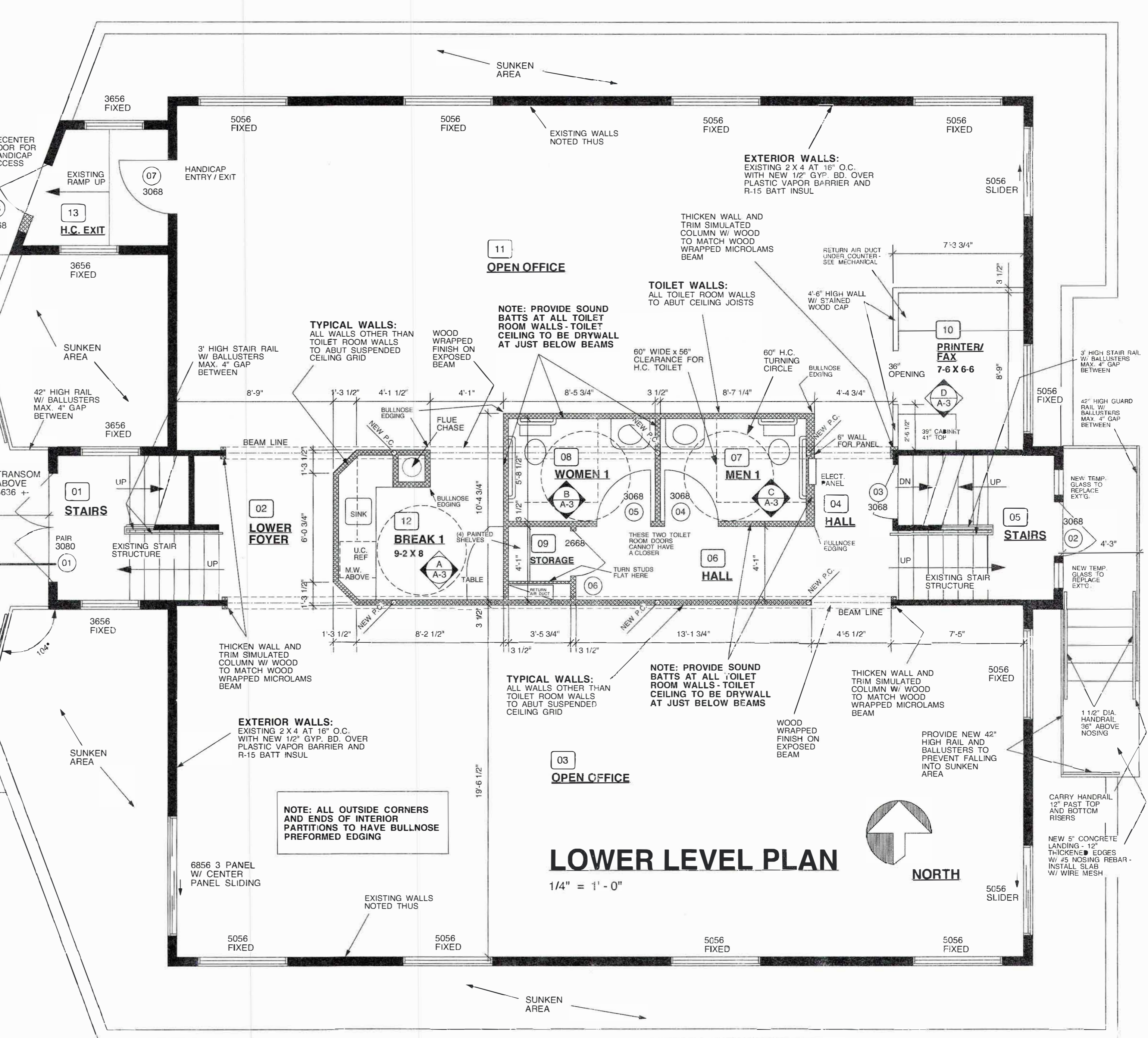
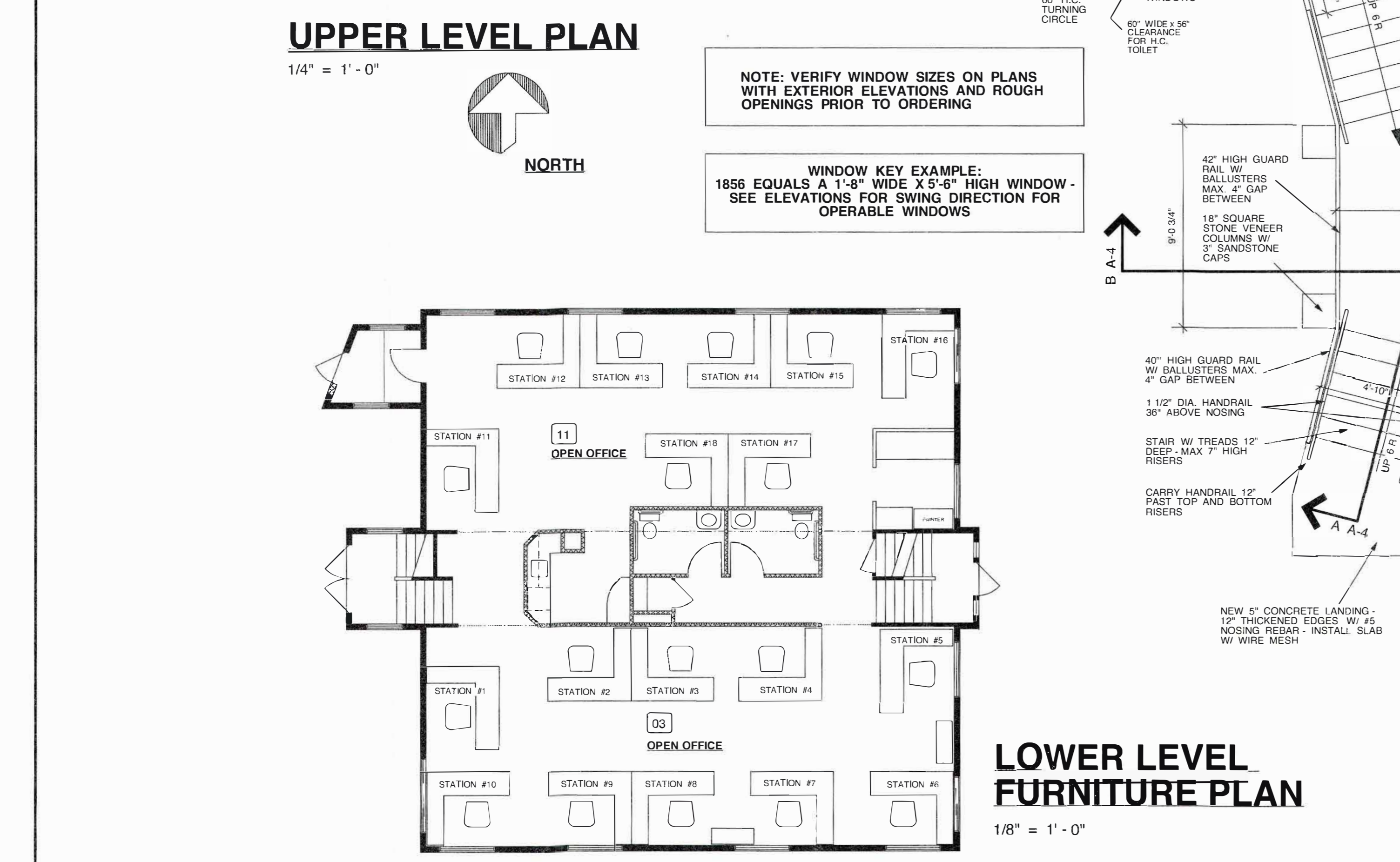
CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION
SECTION 304. BUSINESS GROUP B.
304.1 BUSINESS GROUP B, PROFESSIONAL SERVICES

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS
SECTION 503 - TABLE 503, GROUP B, TYPE V-B CONSTRUCTION
ALLOWABLE AREA: 9,000 SQUARE FEET PER FLOOR (UNSPRINKLERED)
EXISTING BUILDING: 2,487 SQUARE FEET ON LOWER LEVEL AND 2,241 SQUARE FEET ON UPPER LEVEL (O.K.)
ALLOWABLE HEIGHT LIMIT: 2 STORIES
EXISTING BUILDING: TWO STORIES (O.K.)

CHAPTER 6 - TYPE OF CONSTRUCTION
SECTION 602.5 TYPE V: STRUCTURAL ELEMENTS, EXTERIOR WALLS AND INTERIOR WALLS ARE OF ANY MATERIAL PERMITTED BY THIS CODE.
TABLE 601 - FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
TYPE V-B:
STRUCTURAL FRAME: 0 HOUR
BEARING WALLS, INTERIOR AND EXTERIOR: 0 HOUR
NONBEARING WALLS AND PARTITIONS, EXTERIOR AND INTERIOR: 0 HOUR
ROOF CONSTRUCTION: 0 HOUR

CHAPTER 10 - MEANS OF EGRESS
103.2 CEILING HEIGHT: 7' MINIMUM REQUIRED, 7'-6" AND 8'-0" PROVIDED (O.K.)
SECTION 1004.1 DESIGN OCCUPANT LOAD:
TABLE 1004.1.1: MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT: 100 GROSS TOTAL OCCUPANT LOAD FOR EACH FLOOR OF THIS BUILDING IS 24,24 PER LEVEL TIMES 2 FLOORS = 48 PLUS ONE OCCUPANT FOR BASEMENT = 49 TOTAL OCCUPANT LOAD.
SECTION 1013 EXIT ACCESS:
1014.2 EGRESS THROUGH INTERVENING SPACE:
ACCESS THROUGH ROOMS ACCESSORY TO AREA SERVED IS PERMITTED, THROUGH A DOOR WHICH CANNOT BE LOCKED TO PREVENT EGRESS.
SECTION 1015 EXIT AND EXIT DOORWAYS:
TABLE 1015.1: ONE EXIT IS REQUIRED FOR B OCCUPANCY SINCE OCCUPANT LOAD IS LESS THAN 50. TWO EXISTING EXITS ARE PROVIDED FOR THIS BUILDING.

CHAPTER 29 - PLUMBING SYSTEMS
SECTION 2902 MINIMUM PLUMBING FACILITIES
2902.1 MINIMUM NUMBER OF FIXTURES (AS PER TABLE 2902.1)
BUSINESS USE:
WATER CLOSETS: 1 PER 25 FOR MALE, 1 PER 25 FOR FEMALE
SEPARATE FACILITIES ARE REQUIRED FOR EACH FLOOR WHERE OCCUPANT LOAD EXCEEDS 15.
LAVATORIES: 1 PER 40 FOR MALE, 1 PER 40 FOR FEMALE
DRINKING FOUNTAIN: 1
SERVICE SINK: 1



AN OFFICE REMODEL FOR:
CTS CAPITAL, LLC
4300 HARLAN STREET
WHEAT RIDGE, COLORADO

MR MARK RUDNICKI ARCHITECTURE
6062 SOUTH ABERDEEN STREET
LITTLETON, CO 80120
PHONE / FAX 303-798-4596

mrarchitect@comcast.net
rudnickiarchitect.blogspot.com
cell 303-619-7434

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CONSTRUCTION SET

A-2