

BUILDING 1
10,480 S.F.

BUILDING 4
14,950 S.F.

BUILDING 3
SHELTER 4,000 S.F.

BUILDING 2
33,190 S.F.

NEW ADDITION
963 S.F.

PASSIVE FIRE SAFETY SYSTEM:
PORTABLE FIRE EXTINGUISHERS (RE: SHEET A103)
TRAVEL DISTANCE = 200'-0" MAX.
DEADEND - 25'-0" MAX.
ACTUAL DEADEND - NONE

ACTIVE FIRE SAFETY SYSTEMS:
FIRE ALARM SYSTEM
SMOKE DETECTION
AUTOMATIC AIR HANDLING EQUIP. SHUTDOWN
EXIT LIGHT/EMERGENCY LIGHTS BATTERY

CODES/REGULATIONS USED (CITY OF OKLAHOMA CITY):
2015 IBC - INTERNATIONAL BUILDING CODE
AMERICAN WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES
2014 NATIONAL ELECTRICAL CODE
2015 INTERNATIONAL PLUMBING CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL FIRE CODE
2015 ENERGY CONSERVATION CODE
ASSOCIATED SUPPLEMENTS TO EACH CODE

OCCUPANT LOAD (TABLE 1004.1.1):
EXISTING BUILDING 1, 2, 3 & 4 - 43 CLASSROOM @ 21,500 TOTAL NET S.F. / 20 S.F. PER OCCUPANT = 1,075 OCCUPANTS
NEW ADDITION - 3 OCCUPANTS
TOTAL OCCUPANTS = 1,078 OCC.

EXISTING EGRESS WIDTH:
BUILDING 1, 2, 3, 4 & ADDITION - REQUIRED 245.6'
BUILDING 1, 2, 3, 4 & ADDITION - PROVIDED 241.2'

PLUMBING FIXTURES (TABLE 2902.1):
EXISTING TOTAL OCCUPANT LOAD (EDUCATION) = 1,075
NEW ADDITION = 3
TOTAL OCCUPANTS = 1,078 OCC.

TOTAL REQUIRED:
WATER CLOSERS / URINALS = 22
LAVATORIES = 22
DRINKING FOUNTAIN = 11
SERVICE SINKS = 1

TOTAL PROVIDED:
WATER CLOSERS + URINALS = 59
LAVATORIES = 39
DRINKING FOUNTAINS = 14
SERVICE SINKS = 2

EXISTING BUILDING:
BUILDING 1 (1 STORY) @ 10,480 S.F.
BUILDING 2 (1 STORY) @ 33,190 TOTAL S.F.
BUILDING 3 (1 STORY SHELTER) @ 4,000 S.F.
BUILDING 4 (1 STORY) @ 14,950 TOTAL S.F.
ADDITION (1 STORY) @ 963 S.F.
TOTAL 62,620 S.F.

CONSTRUCTION DATA (TABLE 503):

OCCUPANCY -	TYPE II - B
CONSTRUCTION TYPE -	E
BASIC ALLOWABLE AREA -	58,000 S.F. PER FLOOR
ALLOWABLE STORIES -	3
ACTUAL STORIES -	1
ACTUAL HEIGHT -	16'-0"

BUILDING SIZES:
EXISTING BUILDING:
BUILDING 1 (1 STORY) @ 10,480 S.F.
BUILDING 2 (1 STORY) @ 33,190 TOTAL S.F.
BUILDING 3 (1 STORY SHELTER) @ 4,000 S.F.
BUILDING 4 (1 STORY) @ 14,950 TOTAL S.F.
ADDITION (1 STORY) @ 963 S.F.
TOTAL 62,620 S.F.

NEW ADDITION:

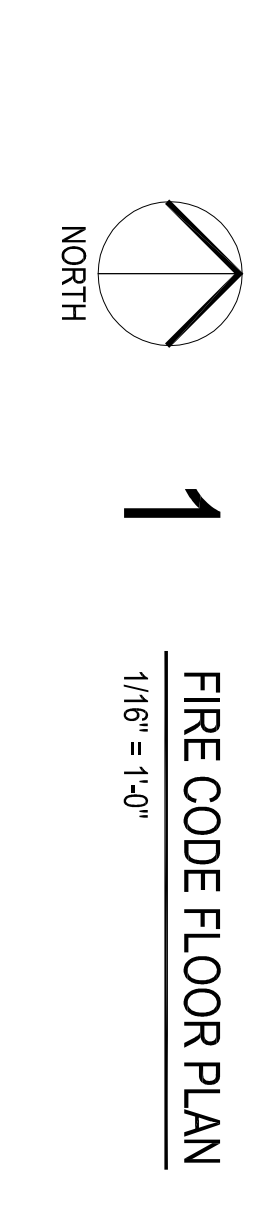
STRUCTURAL FIRE PROTECTION (TABLE 601):

EXTERIOR BEARING WALLS	0 HOUR	NONCOMBUSTIBLE
INTERIOR BEARING WALLS	0 HOUR	NONCOMBUSTIBLE
EXTERIOR NONBEARING WALLS	0 HOUR	NONCOMBUSTIBLE
COLUMNS	0 HOUR	NONCOMBUSTIBLE
BEAMS	0 HOUR	NONCOMBUSTIBLE
PERMANENT PARTITIONS	0 HOUR	NONCOMBUSTIBLE
FLOOR ASSEMBLIES	0 HOUR	N/A
ROOF ASSEMBLIES	0 HOUR	N/A
EXTERIOR OPENINGS	N/A	N/A

DENOTES PARTITIONS TO CLOSE-OUT TO BOTTOM OF DECKING - CLOSE-OUT PARTITIONS TO BE CONSTRUCTED OF 1-LAYER OF 5/8" FIRE RATED GIP, BOARD EACH SIDE ON 6" METAL STUDS @ 16" O.C. STAGGER ALL JOINTS & PROVIDE FIRE TAPE, SEAL ALL PENETRATIONS W/ CONTINUOUS FIRE STOPPING INSULATION & OR SEALANT.

EXISTING 2 HOUR PARTITIONS - REPRESENTS EXISTING MASONRY WALLS.

NOTE:
THIS PLAN INDICATES WALL TO CLOSE OUT TO STRUCTURE DUE TO FIRE CODE REQUIREMENTS FOR THE NEW ADDITION ONLY. IT IS NOT A REPRESENTATION OF ALL WALLS RECD TO CLOSE OUT THROUGHOUT EXISTING BUILDING



1
FIRE CODE FLOOR PLAN
1/16" = 1'-0"

EXISTING BUILDING NO WORK U.N.O.
NEW ADDITION

