



FIRE CODE FLOOR PLAN  
1/8" = 1'-0"

CONSTRUCTION DATA (TABLE 603):

OCCUPANCY -	E
CONSTRUCTION TYPE -	TYPE II - B
BASIC ALLOWABLE AREA -	58,000 S.F. PER FLOOR
ALLOWABLE STORIES -	3
ACTUAL STORIES -	1
ACTUAL HEIGHT -	15'-4"

BUILDING SIZES:  
EXISTING BUILDING:

BUILDING 1 (1 STORY) @ 3,929 S.F.	BUILDING 2 (1 STORY) @ 32,050 TOTAL S.F.
BUILDING 3 (1 STORY) SHELTER @ 4,232 S.F.	ADDITION (1 STORY) @ 963 S.F.
TOTAL 49,086 S.F.	

NEW ADDITION :

STRUCTURAL FIRE PROTECTION (TABLE 601):	0 HOUR
INTERIOR BEARING WALLS	NONCOMBUSTIBLE
EXTERIOR NONBEARING WALLS	NONCOMBUSTIBLE
COLUMNS	0 HOUR
BEAMS	0 HOUR
PERMANENT PARTITIONS	NONCOMBUSTIBLE
FLOOR ASSEMBLIES	0 HOUR
ROOF ASSEMBLIES	0 HOUR
EXTERIOR OPENINGS	N/A

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 MOORE):

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 - 26 CLASSROOM @ 13,000 TOTAL NET S.F. / 20 S.F. PER OCCUPANT = 650 OCCUPANTS	NEW ADDITION - 3 OCCUPANTS
TOTAL OCCUPANTS = 653 OCC.	

EXISTING EGRESS WIDTH:

BUILDING 1, 2 & 3 REQUIRED 130'-6"	BUILDING 1, 2, 3 & ADDITION PROVIDED 324"
CLASSROOMS HAVE DIRECT EXIT TO EXTERIOR	

PLUMBING FIXTURES (TABLE 2502.1):

TOTAL REQUIRED: WATER CLOSETS / URINALS = 14 LAVATORIES = 14 DRINKING FOUNTAINS = 7 SERVICE SINKS = 1	TOTAL PROVIDED: WATER CLOSETS + URINALS = 44 LAVATORIES = 28 DRINKING FOUNTAINS = 8 SERVICE SINKS = 2
---	---

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

DENOTES 1 HR. RATED PARTITIONS CLOSE-OUT TO  
BOTTOM OF DECKING - CLOSE-OUT PARTITIONS TO  
BE INDICATED ON STRUCTURAL FOR  
LOAD BEARING CONDITIONS. ALL OTHER INDICATED  
LOCATIONS TO BE CONSTRUCTED OF 1 LAYER  
OF 5/8" FIRE RATED GYP. 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.