

BG 21-074

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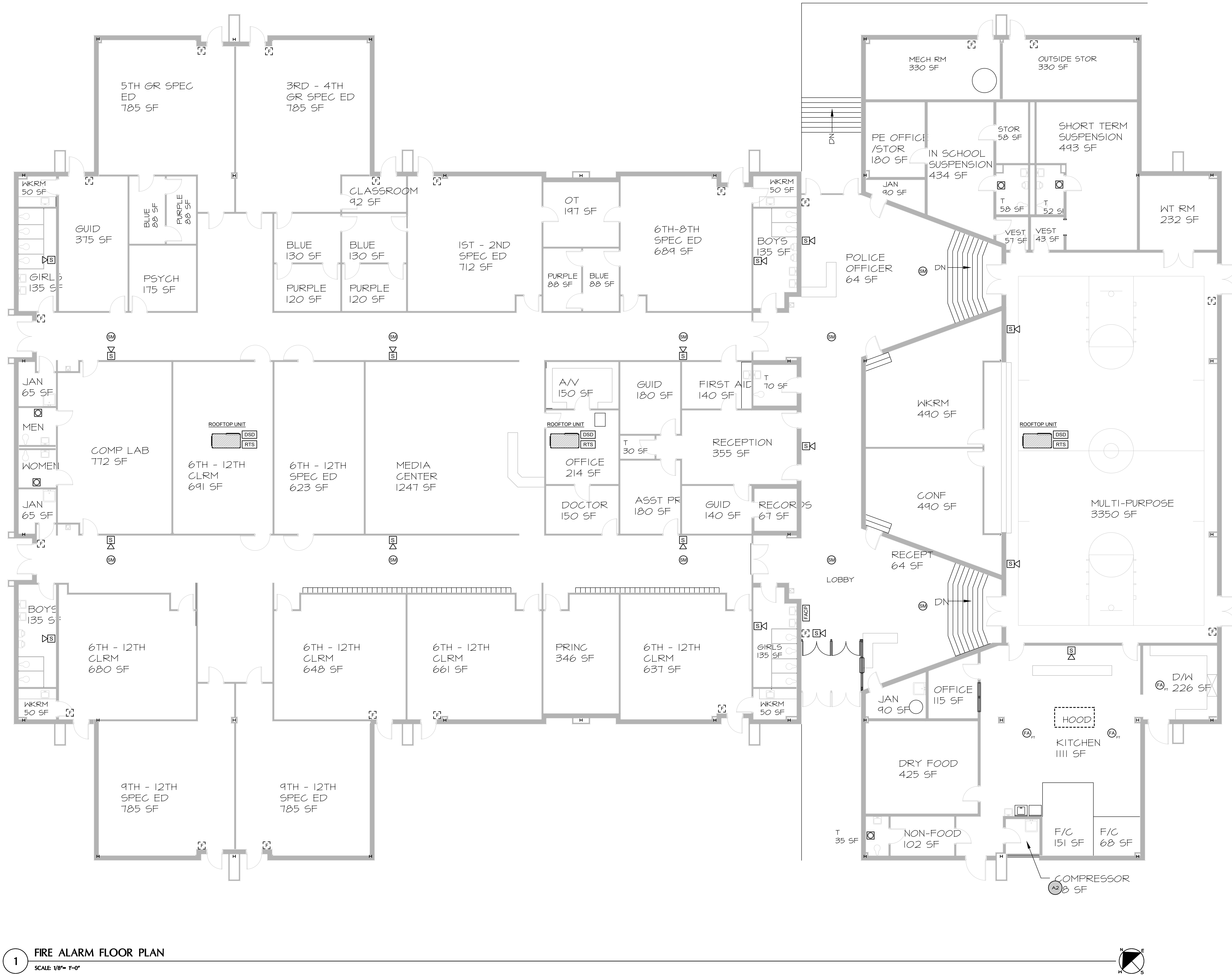
1 FIRE ALARM FLOOR PLAN

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

FIRE ALARM SYMBOL LEGEND	
	EXISTING FIRE ALARM PULL STATION - TO BE REPLACED.
	VISUAL STROBE F.A. DEVICE, 80" A.F.F. TO CENTER OF STROBE.
	SPEAKER STROBE DEVICE, 80" A.F.F. TO CENTER OF STROBE. PROVIDE COMPLETE WITH WIRING IN CONDUIT. 78 db, 75 CANDELA UNLESS NOTED OTHERWISE.
	SMOKE DETECTOR
	HEAT DETECTOR "FIXED TEMP"
	SPRINKLER ALARM BELL
	DUCT SMOKE DETECTOR - REQUIRED FOR HVAC UNITS EXCEEDING 2000 CFM. CONNECT FAN FOR SHUT DOWN. PROVIDE ACCESSIBLE REMOTE TEST SWITCH.
	REMOTE TEST SWITCH FOR DUCT SMOKE DETECTOR.
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	SPRINKLER FLOW SWITCH
	SPRINKLER TAMPER SWITCH
	INDICATES WIREGUARD
	INDICATES DEVICE IN A WEATHERPROOF HOUSING

FIRE ALARM GENERAL NOTES	
1.	EXISTING FIRE ALARM CONTROL PANEL SHALL BE REPLACED WITH A NEW VOICE EVACUATION FIRE ALARM CONTROL PANEL.
2.	EXISTING HORN / STROBE NOTIFICATION DEVICES SHALL BE REPLACED WITH SPEAKER STROBES FURNISHED AND INSTALLED BY CONTRACTOR. CONNECT TO NEW FIRE ALARM SYSTEM AND VOICE EVACUATION.
3.	PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICES AT LOCATIONS AS INDICATED ON DRAWINGS.
4.	FIRE ALARM SYSTEM SHALL INCLUDE A GRAPHIC ANNUNCIATOR AT LOBBY.
5.	FIRE ALARM SYSTEM INSTALLER SHALL INCLUDE SMOKE DETECTORS ON BOTH SIDES OF DOORS RELEASED BY FIRE ALARM SYSTEM. LOCATE SMOKE DETECTORS WITHIN 5'-0" OF DOOR OPENING.
6.	REFER TO DRAWINGS FOR LOCATION OF TAMPER SWITCHES, FLOW SWITCHES, AND LOCATIONS THAT REQUIRE MONITORING BY FIRE ALARM SYSTEM.
7.	PROVIDE DUCT SMOKE DETECTORS FOR HVAC UNITS OVER 2000 CFM. MONITOR WITH FIRE ALARM SYSTEM AND INTERFACE WITH FAN SHUTDOWN.
8.	FIRE ALARM SYSTEM WIRING TO BE INSTALLED IN EMT CONDUIT.
9.	ACCESS CONTROL FOR EXIT DOORS THROUGHOUT BUILDING SHALL BE RELEASED BY ACTIVATION OF FIRE ALARM SYSTEM.
10.	FIRE ALARM SYSTEM SHALL MONITOR AIR COMPRESSOR THAT IS PART OF A "DRY SPRINKLER SYSTEM".
11.	FIRE ALARM CONTROL PANEL SHALL INCLUDE DIGITAL COMMUNICATOR AND (1) YEAR MONITORING SERVICE BY UL LISTED CENTRAL STATION MONITORING SERVICE.
12.	"ALL REQUIRED DOCUMENTATION REGARDING THE DESIGN OF FIRE DETECTION, ALARM AND COMMUNICATIONS SYSTEMS AND THE PROCEDURES FOR MAINTENANCE, INSPECTION, AND TESTING OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS SHALL BE MAINTAINED AT AN APPROVED, SECURED LOCATION FOR THE LIFE OF THE SYSTEM."
13.	"THE FIRE ALARM CONTROL PANEL CIRCUIT DISCONNECTING MEANS SHALL HAVE A RED MARKING, SHALL BE ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL, AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT". THE LOCATION OF THE CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT. 2010 NFPA 72, 10.5.5.2.2."

FIRE / SMOKE WALL PENETRATIONS	
1.	PENETRATIONS AT FIRE RATED WALLS SHALL BE SLEEVED AND FIRESTOPPED AS REQUIRED BY N.E.C. REFER TO FIRE RATING LEGEND.
2.	PENETRATIONS AT SMOKE TIGHT WALLS SHALL BE SLEEVED AND SEALED SMOKE TIGHT AS REQUIRED.
3.	FIELD VERIFY EXISTING WALL TYPES AND RATINGS.
4.	REFER TO SPECIFICATIONS FOR SLEEVE / SEAL METHODS.

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