	JURISDICTION: OWNER: PROJECT ADRESS: CLIMATE ZONE: FLOOD HAZARD AREA: PROJECT TYPE:	N 1 5 N	MASSILLON, BUILDING DEPARTMENT MASSILLON CITY SCHOOL DISTRICT PAUL E BROWN DRIVE SE, MASSILLON, OHIO 44 5A NO NEW SCHOOL BUILDING	SCOPE 4646
	CODE REV	'IEW: 2017	7 OHIO BUILDING CODE	EINCLU
CHAPTER CODES OF JURISDICTION	2017 OHIO BUILDING CODE 2017 OHIO MECHANICAL CODE 2017 OHIO PLUMBING CODE 2017 NATIONAL ELECTRICAL CODE NFPA 70-17 FIRE ALARM NFPA 72-16 2012 INTERNATIONAL ENERGY CONSERVATION CODE OR ASHRAE 90.1-2010 STANDARDS FOR ACCESSIBLE DESIGN ICC A117.1-09 INTERNATIONAL FUEL GAS CODE IFGC-15 SPRINKLERS NFPA13-16	CHAPTER CHAPTER 6 TYPES OF CONSTRUCTIO	 OBC 602.2 TYPES I AND II. TYPES I AND II CONSTRUCTION ARE THOSE TYPES OF CONSTRUCTION IN WHICH THE BUILDING ELEMENTS LISTED IN TABLE 601 ARE OF NON- COMBUSTIBLE MATERIALS, EXCEPT AS LISTED IN SECTION 603 AND ELSEWHERE IN THIS CODE. OBC TABLE 601 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS. TYPE IIB. PRIMARY STRUCTURAL FRAME: 0 HOURS BEARING WALLS, INTERIOR AND EXTERIOR: 0 HOURS NON-BEARING WALLS AND PARTITIONS, EXTERIOR: SEE TABLE 602. PER TABLE 602, TYPE IIB AND USE GROUP E GREATER THAN 10 FEET 0 HOURS. NON-BEARING WALLS AND PARTITIONS, INTERIOR: 0 HOURS. 	CHAPTER CHAPTER 10 MEANS OF EGRESS
Chapter 1 Administration	OBC 106 BUILDING "A" FIRST FLOOR: 36,595 SF BUILDING "B" FIRST FLOOR: 25,748 SF TOTAL FIRST FLOOR: 62,343 SF BUILDING "A" SECOND FLOOR": 29,236 SF GRAND TOTAL BUILDING: 91,579 SF DESIGN OCCUPANT LOADS ARE SHOWN ON THE CODE REVIEW PLANS. SEE STRUCTURAL DRAWINGS FOR STRUCTURAL DESIGN LOADS, SEISMIC DESIGN CATEGORY, AND SITE CLASS.	CHAPTER 7 FIRE-RESISTANCE RATED	 FLOOR CONSTRUCTION AND SECONDARY MEMBERS: 0 HOURS. ROOF CONSTRUCTION AND SECONDARY MEMBERS: 0 HOURS. OBC 603. COMBUSTIBLE MATERIALS IN TYPES I AND II CONSTRUCTION. MATERIALS SHALL COMPLY WITH OBC 603.1. OBC 706 FIRE WALLS. OBC 706.1. PORTIONS OF A BUILDING SEPARATED BY FIREWALLS SHALL BE CONSIDERED A SEPARATE BUILDING. OBC 706.4. FIRE WALLS SHALL HAVE A RATING NOT LESS THAN TABLE 706.4. PER TABLE 706.4 NOTE A, GROUP E REQUIRES A 2 HOUR FIRE RESISTANCE RATING IN TYPE II 	BLE
CHAPTER 3 USE AND OCCUPANCY CLASSIFICATION	OBC 305.1 GROUP E OCCUPANCY (SEE ALSO OBC 303.1.3 A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT IS ASSOCIATED WITH A GROUP E OCCUPANCY IS NOT CONSIDERED A SEPARATE OCCUPANCY). OBC 311.1.1 ACCESSORY STORAGE SPACES LESS THAN 100 SF ARE CLASSIFIED AS PART OF MAIN OCCUPANCY. SEE CHAPTER 5 FOR ACCESSORY USES.		 CONSTRUCTION. FIRE WALLS ARE USED TO DEFINE BUILDING AREAS WITHIN THE ALLOWABLE AREA PER OBC 506. OBC 706.5.1 WHERE THE FIREWALL INTERSECTS EXTERIOR WALLS, THE EXTERIOR WALLS WILL BE PROTECTED AS REQUIRED. SEE CODE REVIEW PLAN FOR PROTECTIONS PROVIDED. OBC 706.8 OPENINGS IN FIREWALLS SHALL BE PROTECTED IN ACCORDANCE WITH OBC 716.5. AMOUNT OF OPENINGS IS NOT LIMITED SINCE AUTOMATIC SPRINKLERS ARE INSTALLED IN ALL BUILDING AREAS. OBC 706.9 PENETRATIONS SHALL COMPLY WITH OBC 714. OBC 706.11 DUCT AND AIR TRANSFER OPENINGS SHALL COMPLY WITH OBC 717 AND ARE PERMITTED PER THE EXCEPTION SINCE THE FIREWALLS ARE NOT ON A LOT LINE. 	
CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY CHAPTER 5 GENERAL BUIDING HEIGHTS AND AREAS	STAGES, PLATFORMS. A PLATFORM WILL BE CONSTRUCTED IN COMPLIANCE WITH OBC 410. SECTION 503 GENERAL BUILDING HEIGHT AND AREA LIMITATIONS. THE BUILDING HEIGHT AND AREA SHALL NOT EXCEED THE LIMITS SPECIFIED IN SECTIONS 504 AND 506 BASED ON THE TYPE OF CONSTRUCTION AND AS DETERMINED BY SECTION 602 AND OCCUPANCIES AS DETERMINED BY SECTION 302 EXCEPT AS MODIFIED HEREAFTER. SECTION 504 BUILDING HEIGHT AND NUMBER OF STORIES FOR USE GROUP E AND TYPE IIB CONSTRUCTION, FULLY SPRINKLED: TABLE 504.3 E USE-SPRINKLED 75' ALLOWED. 33'-4" MAXIMUM PROVIDED. TABLE 504.4 E USE-TYPE IIB CONSTRUCTION 3 STORIES ALLOWED. MAXIMUM 2 STORIES PROPOSED.		OBC SECTION 707 FIRE BARRIERS. OBC 707.3 FIRE-RESISTANCE RATING. OBC 707.3.1 SHAFT ENCLOSURES. 1 HOUR FIRE RATING CONNECTING LESS THAN 4 STORIES PER OBC 713.4. PROVIDED FOR ELEVATOR SHAFT. OBC 707.3.2 EXIT ENCLOSURES: 1 HOUR PER 1023.1.1 HOUR FIRE RATING CONNECTING LESS THAN 4 STORIES. PROVIDED FOR INTERIOR EXIT STAIRWAYS. OBC 707.3.5 HORIZONTAL EXIT. 2 HOUR FIRE RATING PER 1026.1. OBC 707.3.7 INCIDENTAL ACCESSORY OCCUPANCIES (LABS): 0 HOURS WITH SPRINKLERS. OBC 707.5.1 SUPPORTING CONSTRUCTION SHALL BE PROTECTED TO AFFORD THE REQUIRED FIRE RESISTANCE RATING. EXCEPTION, SUPPORTING CONSTRUCTION FOR INCIDENTAL USE AREAS IN TABLE 509 OF TYPE IB CONSTRUCTION IS NOT REQUIRED TO BE FIRE RESISTANCE RATIED. OBC 707.6. OPENINGS SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716. OPENINGS SHALL BE LIMITED TO A MAXIMUM AGGREGATE WIDTH OF 25% OF THE LENGTH OF THE WALL WITH EXCEPTIONS. OBC 707.7 PENETRATIONS SHALL COMPLY WITH OBC 714. PENETRATIONS INTO AN EXIT ENCLOSURE SHALL COMPLY WITH OBC 1019, OBC 1023.5AND OBC 1024.6. OBC 707.9 DUCT AND AIR TRANSFER OPENINGS SHALL COMPLY WITH SECTION 715. OBC 707.9 DUCT AND AIR TRANSFER OPENINGS SHALL COMPLY WITH SECTION 717. OBC SECTION 716 OPENING PROTECTIVE OBC 716.5 FIRE DOOR AND SHUTTER ASSEMBLIES TYPE OF ASSEMBLY FIRE DOOR AND SHUTTER ASSEMBLY RATING 2 HOUR FIREWALL/FIRE BARRIER 1 1/2 HOURS	
	SECTION 506 BUILDING AREA. OBC TABLE 506.2 ALLOWABLE AREA: OBC 506.2.3 SINGLE OCCUPANCY MULTI-STORY BUILDING: 43,500 SQ. FT. BUILDING "A" AREA PROVIDED: FIRST FLOOR: 36,595 SQ. FT. SECOND FLOOR: 29,236 SQ. FT. BUILDING "B" AREA PROVIDED: FIRST FLOOR: 25,748 SQ. FT. OBC 509 INCIDENTAL USE AREAS OBC TABLE 509 FURNACE ROOMS WITH EQUIPMENT OVER 400,000 BTU, OR BOILERS OVER	CHAPTER 8 INTERIOR FINISHES	OBC 706 FIRE WALLS. OBC TABLE 803.11 INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY GROUP E, SPRINKLERED EXIT STAIRWAYS AND PASSAGEWAYS: C CORRIDORS, EXIT ACCESS STAIRWAYS AND RAMPS: C ROOMS AND ENCLOSED SPACES: C SECTION 804 INTERIOR FLOOR FINISH. EXCEPTION: FLOOR FINISHES OF A TRADITIONAL TYPE, SUCH AS WOOD, VINYL, TERRAZZO, OR OTHER RESILIENT COVERINGS. OBC 804.4.1 MINIMUM CRITICAL RADIANT FLUX. INTERIOR FLOOR FINISH. ALL AREAS SHALL PASS THE "PILL TEST" SINCE THE BUILDING IS EQUIPPED WITH A SPRINKLER SYSTEM.	
	IS PSI OR 10 HP: I HOUR OR AUTOMATIC SPRINKLER SYSTEM REQUIRED. SPRINKLER SYSTEM PROVIDED. GROUP E OCCUPANCIES LABORATORIES AND VOCATIONAL SHOPS: 1 HOUR OR AUTOMATIC SPRINKLER SYSTEM REQUIRED. AUTOMATIC SPRINKLER SYSTEM PROVIDED.	CHAPTER 9 FIRE PROTECTION SYSTEMS	SECTION 903 AUTOMATIC SPRINKLER SYSTEMS OBC 903.2.3 AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED THROUGHOUT ALL GROUP E OCCUPANCIES GREATER THAN 20.000 S.F. AN AUTOMATIC SPRINKLER SYSTEM IS PROVIDED. OBC 904.2.2. SYSTEM WILL BE PROVIDED AT COMMERCIAL HOOD AND DUCT SYSTEMS FOR TYPE I HOODS IN THE OMC. SECTION 906 PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN GROUP E OCCUPANCIES IN ACCORDANCE WITH NFPA 10. SECTION 907 FIRE ALARM AND DETECTION SYSTEMS. OBC 907.1.2 THE CONTRACTOR SHALL SUBMIT FIRE ALARM SHOP DRAWINGS AS REQUIRED UNDER THIS SECTION. OBC 907.2.3 GROUP E. A MANUAL HRE ALARM SYSTEM THAT ACTIVATES THE OCCUPANT NOTIFICATION SIGNAL UTILING AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM MEETING THE REQUIREMENTS OF SECTION 907.6 WILL BE PROVIDED. AUTOMATIC SPRINKLER AND SMOKE DETECTOR SYSTEMS SHALL BE CONNECTED TO THE BUILDING FIRE ALARM SYSTEM. EXCEPTION 4. MANUAL FIRE ALARM BOXES SHALL NOT BE REQUIRED IN GROUP E OCCUPANCIES WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, THE EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM WILL ACTIVATE ON SPRINKLER FLOW, AND MANUAL ACTIVATION IS PROVIDED FROM A NORMALLY OCCUPIED LOCATION SUCH AS THE SCHOOL OFFICE. OBC 907.5.2.3 VISIBLE ALARM NOTIFICATION APPLIANCES SHALL BE PROVIDED IN MALL ACCORDANCE WITH SECTION SPRINKLER FLOW, AND MANUAL ACTIVATION IS PROVIDED FROM A NORMALLY OCCUPIED LOCATION SUCH AS THE SCHOOL OFFICE. OBC 907.5.2.3 VISIBLE ALARM NOTIFICATION APPLIANCES SHALL BE PROVIDED IN 907.5.2.3.1 PUBLIC AND COMMON AREAS SECTION 912 FIRE DEPARTMENT CONNECTIONS OBC 912.2. FIRE DEPARTMENT CONNECTIONS TO BE PROVIDED WHERE APPROVED BY THE BUILDING OFFICIAL WITH INPUT FROM THE FIRE CHIEF. SECTION 912 FIRED EPARTMENT CONNECTIONS TO BE PROVIDED WHERE APPROVED BY THE BUILDING OFFICIAL WITH INPUT FROM THE FIRE CHIEF. SECTION 915 CARBON MONOXIDE DETECTION OBC 915.1.1 PROVIDE CO DETECTION IN CLASSROOMS WHERE CONDITIONS UNDER OBC 915.1.2 THROUGH OBC 915.1.4 EXIST. CO DETECTION SHALL BE PROVIDED IN C	

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CODE	INFORMATIC	DN - CO	NST	RUCTIO	N DRA	WINGS
SCOPE OF V	VORK:	NEW BUILDING FIRST FLOOR: SECOND FLO	-	63,083 SQ. F 24,081 SQ. F		
		TOTAL:		87,164 SQ. F	T	
				r system / nfp, . be complian		ESSED
CLUDII	NG CURRENT	REFERE	NCE	ED COD)ES	
PTER			CH	HAPTER		
NS OF ESS	OBC TABLE 1004.1 DESIGN OCCUPANT LOAD DESIGN OCCUPANT LOADS ARE INDICATED ON FOLLOWING ALLOWANCES PER OCCUPANT UNE STORAGE, MECHANICAL, EQUIPMENT ROOMS: 1 ASSEMBLY WITH FIXED SEATS (GYMNASIUM): BLEA LENGTH PLUS PARTICIPANTS.	DER OBC TABLE 1004.1.2: PERSON PER 300 SF GROSS ACHERS 1 PERSON PER 18'' OF	SEAT	HAPTER 11 CCESSIBILITY		3E DESIGNED TO BE ACCESSI 009 AS AMENDED. BUILDING
	ASSEMBLY WITHOUT FIXED SEATS (CAFETERIA): TABLES AND CHAIRS 1 PERSON PER 15 SF NET*, CHAIRS ONLY 1 PERSON PER 7 SF NET*. BUSINESS AND ADMINISTRATION AREAS: 1 PERSON PER 100 SF GROSS. CLASSROOMS: 1 PERSON PER 20 SF NET*. KITCHEN: 1 PERSON PER 200 SF GROSS. LIBRARY: 1 PERSON PER 50 SF NET*. PLATFORMS: 1 PERSON PER 15 NET*. EXERCISE: 1 PERSON PER 50 SF GROSS. LOCKER ROOMS: 1 PERSON PER 50 SF GROSS. LOCKER ROOMS: 1 PERSON PER 50 SF GROSS. *WHERE NET AREA IS USED, THE GROSS AREA MULTIPLIED BY .85 IS USED FOR OCCUPANT LOAD THE OCCUPANT LOAD BASED ON MAXIMUM ENROLLMENT IS 1,129 (STUDENTS AND FACULTY) TO BE USED FOR THE CALCULATION OF TOTAL OCCUPANT LOAD AND PLUMBING FIXTURES PER OBC 1004.1.2 AND OBC 2902.1 IS 1,000 STUDENTS AND FACULTY. REQUEST TO USE 1,200 AS BASIS OF OCCUPANT LOAD, THIS WILL BE THE ENROLLMENT		CH	HAPTER 15 DOF ASSEMBLY	1505 ROOF ASSEMBLY M	EETS CLASS "B" RATING
			AND NG LMENT	HAPTER 16, ,18 RUCTURAL SIGN		al design, chapter 17 stru and foundations, see str
	PLUS SOME ROOM TO GROW. THE ACTUAL CALC PEOPLE. HE AREAS SUCH AS THE GYM AND CAFE THE OCCUPANCY COUNT AND THOSE SPACES A AREAS OF THE BUILDING. IF THOSE SPACES HOLD SCHOOL HOURS WHEN THE REST OF THE BUILDING	TERIA ARE ALREADY INCLUDED RE USED BY STUDENTS FROM C A PUBLIC EVENT IT WILL BE AF	DIN DTHER TER CF	HAPTER 27 ECTRICAL	SECTION 2701.1 GENERAL - SCOPE	ELECTRICAL COMPONEN SHALL BE DESIGNED AND WITH NFPA 70.
	SECTION 1005 MEANS OF EGRESS SIZING OBC 1005.3.1 STAIRWAYS 0.2 INCH PER OCCUPA VOICE /ALARM COMMUNICATION SYSTEM. THIS OCCUPANTS PER 44" STAIRWAY. OBC 1005.3.2 OTHER EGRESS COMPONENTS 0.1. WITH EMERGENCY VOICE /ALARM COMMUNICA PROVIDE FOR 240 OCCUPANTS PER 36" DOOR L CORRIDOR AT LEAST AS WIDE AS THE DOORS SER	WOULD PROVIDE FOR 220 5 INCH PER OCCUPANT SPRIN ATION SYSTEM. THIS WOULD EAF STAIRWAY SERVED BY A	KLED CH	Hapter 28 Echanical Stems	SECTION 2801.1 GENERAL - SCOPE	MECHANICAL APPLIANC SHALL BE CONSTRUCTED ACCORDANCE WITH THE INTERNATIONAL FUEL AN
	OBC 1005.7.1 DOOR ENCROACHMENT. DOORS REDUCE THE REQUIRED MEANS OF EGRESS WIDTH POSITION SHALL NOT REDUCE THE REQUIRED WIE	h more than 7". Doors in a	NY			NUM NUMBER OF REQUIRED
	SECTION 1006 NUMBER OF EXITS AND EXIT ACCE OBC 1006.2.1 TWO EXITS SHALL BE PROVIDED WH EXCEEDS 49 OR THE COMMON PATH OF TRAVEL OBC 1006.2.1.1. THREE EXITS SHALL BE PROVIDED OCCUPANT LOAD 501 TO 1,000. FOUR EXITS SHA WITH AN OCCUPANT LOAD GREATER THAN 1,000	IERE THE DESIGN OCCUPANT L EXCEEDS 75' PER TABLE 1006.2 FOR ANY SPACE WITH AN LL BE PROVIDED FOR ANY SPA	DAD PL	Hapter 29 Umbing Stems	AN ALTERNATE BASIS FOR ACCOUNTS FOR THE PRO PROPOSED PLUMBING C	R DETERMINING THE NUMBER OPOSED ENROLLMENT PLUS I OCCUPANT LOAD IS 1,000; 50 OMS ARE DIVIDED BETWEEN
	SECTION 1010 PANIC AND FIRE EXIT HARDWARE OBC 1010.1.10 DOORS SERVING ROOMS OR SPA 50 OR MORE IN GROUP A OR E SHALL BE PROVIE HAVE PANIC HARDWARE OR FIRE EXIT HARDWAR COMPLY WITH OBC 1010.1.9.3 ITEM 2 (DISTINGUI ELECTRICAL EQUIPMENT WORKSPACES SHALL BE OF FIRE EXIT HARDWARE PER NFPA 70.	DED WITH A LATCH OR LOCK S RE. MAIN EXITS OF GROUP A M SHABLE DEVICE, POSTED SIGN	HALL AY AGE).		URINALS MAY BE S FEMALE LAVATORIES	REQUIRED PROVIE 1 PER 50 = 20 12 PLUS UBSTITUTED FOR TWO THIRDS 1 PER 50 = 20 12 PLUS REQUIRED PROVIE 1 PER 50 = 40 80
		HAN ONE MEANS OF EGRESS A ACCESSIBLE PORTION OF THE ACCESSIBLE MEANS OF EGRES ACH ACCESSIBLE MEANS OF E	ARE SS. GRESS		DRINKING FOUNTAINS	REQUIRED PROVIE 1 PER 100 = 10 8 PLUS ATTAC CLASS WATER PROVI 410.4.
	COMPLY WITH SEC 2. INTERIOR EX SECTIONS 1009.3 A STAIRWAYS COMP WAY COMMUNIC. ELEVATOR LANDIN OF EGRESS ARE PR 3. AN ELEVATO		th d two ans dor.		NOTE: CALCULATIONS R REALITY THE GYM AND C	12 KR 0 LOAD REQUIRED PROVIDE 1 6 EFLECT ALL AREAS OF THE BUCAFETERIA WILL HAVE OCCU CAFETERIA WILL HAVE OCCU
	SECTION 1017 EXIT ACCESS TRAVEL DISTANCE OBC 1017.2 TRAVEL DISTANCE TO AN EXIT SHALL SPRINKLED. EXIT ACCESS TRAVEL DISTANCE DOE SECTION 1019 EXIT ACCESS STAIRWAYS AND RAM	S NOT EXCEED 180'.			SINCE IT WILL MOSTLY BE EVENTS IN THE CAFETERIA (SPORTING EVENTS) WILL	R OWN. THE CAFETERIA NUM E USED IN THAT FUNCTION DU A (PLAYS AND CONCERTS) A L BE AFTER NORMAL SCHOO DLE SCHOOL GYM - STUDEN
	OBC 1019.3. FLOOR OPENINGS CONTAINING EX COMPLY WITH THE LISTED CONDITIONS SHALL BE ENCLOSURE PER OBC 713. STAIRS MAY NOT REQ NOT CONNECT MORE THAN 2 STORIES, CAUSE A ALLOWABLE OF 250', OR SERVE AS AN ACCESSIB REVIEW PLANS FOR ANY NOTED EXIT ACCESS STA	ENCLOSED WITH A SHAFT UIRE AN ENCLOSURE IF THEY D TRAVEL DISTANCE TO EXCEED LE MEANS OF EGRESS. SEE CO				
	SECTION 1020 CORRIDORS. TABLE 1020.1 REQUIRED CORRIDOR FIRE RESISTAN GROUP E WITH SPRINKLERS. OBC 1020.2 CORRIDOR WIDTH. CORRIDORS SHA EXCEPT CORRIDORS SERVING A GROUP E WITH A MORE SHALL BE 72 INCHES MINIMUM.	ALL NOT BE LESS THAN 44 INCHI	-			
	OBC 1023.2 EXIT ENCLOSURES SHALL HAVE A FIRE THAN 1 HOUR WHEN CONNECTING LESS THAN FOR RESISTANCE RATED ENCLOSURES ARE PROVIDED OBC 1023.3 EXIT ENCLOSURES SHALL TERMINATE OBC 1023.4 OPENINGS IN EXIT ENCLOSURES SHA FOR EXIT ACCESS TO THE ENCLOSURE FROM NOT FOR EGRESS FRO THE ENCLOSURE. OBC 1023.5 PENETRATIONS INTO AND OPENINGS STAIRWAYS ARE PROHIBITED EXCEPT FOR REQUIR VENTILATION/PRESSURIATION, EQUIPMENT AND IN STANDPIPES, ELECTRICAL SERVING THE EXIT ENCL IN ACCORDANCE WITH SECTION 714.	OUR STORIES. 1 HOUR FIRE AT AN EXIT DISCHARGE. LL BE LIMITED TO THOSE NECES RMALLY OCCUPIED SPACES AI S THROUGH INTERIOR EXIT ED DOORS, INDEPENDENT OUCTWORK, SPRINKLER PIPING	SSARY ND			
	SECTION 1026 HORIZONTAL EXITS. OBC 1026.1 HORIZONTAL EXITS SHALL NOT SERVE BUILDING, NOT MORE THAN HALF OF THE MINIMUS SHALL BE THROUGH HORIZONTAL EXITS. 1026.2 SEPARATION BETWEEN AREAS IS PROVIDED WITH SECTION 707. THE MINIMUM FIRE RESISTANC OPENING PROTECTIVE SHALL COMPLY WITH SEC OPENINGS SHALL COMPLY WITH SECTION 717. TH EXTENDS VERTICALLY THROUGH ALL LEVELS AND BARRIER. OBC 1026.3 FIRE DOORS SHALL BE SELF CLOSING ACTIVATED BY A SMOKE DETECTOR PER 715.4.8.3	UM CAPACITY OR REQUIRED V D BY A FIRE BARRIER COMPLYI CE RATING SHALL BE 2 HOURS. TION 716. DUCT AND AIR TRAN HE HORIZONTAL EXIT SEPARATION IS CONSTRUCTED AS A FIRE	NG NSFER ON			
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uilding shall be designed to be accessible in accordance with	I THE
d ansi a117.1 2009 as amended. Building has been designed to c	OMPLY.

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RS 16 STRUCTURAL DESIGN, CHAPTER 17 STRUCTURAL TESTS AND INSPECTIONS, IAPTER 18 SOILS AND FOUNDATIONS, SEE STRUCTURAL DRAWINGS.

ON 2701.1 RAL - SCOPE	ELECTRICAL COMPONENTS, EQUIPMENT AND SYSTEMS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH NFPA 70.
2801.1 SCOPE	MECHANICAL APPLIANCES, EQUIPMENT AND SYSTEMS SHALL BE CONSTRUCTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MECHANICAL CODE AND THE

INTERNATIONAL FUEL AND GAS CODE.

ABLE 2902.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

RNATE BASIS FOR DETERMINING THE NUMBER OF OCCUPANTS WHICH JNTS FOR THE PROPOSED ENROLLMENT PLUS EXPANSION IS REQUESTED. THE SED PLUMBING OCCUPANT LOAD IS 1,000; 500 MALE, 500 FEMALE. EX/STAFF RESTROOMS ARE DIVIDED BETWEEN MALE AND FEMALE.

ale Inals may be :	SUBSTITUTED FOR TWO	PROVIDED 12 PLUS 11 UNISEX (23 TOTAL) O THIRDS OF THE REQUIRED WATER CLOSETS 12 PLUS 11 UNISEX (23 TOTAL)
RIES	REQUIRED 1 PER 50 = 40	PROVIDED 80
g fountains	REQUIRED	PROVIDED
	1 PER 100 = 10	8 PLUS DRINKING FOUNTAIN ATTACHMENTS AT CLASSROOM LAVATORIES (38 TOTAL) AND WATER DISPENSERS ARE ALSO PROVIDED IN THE CAFETERIA PER OPC 410.4. 12 KR CR'S FOR TOTAL OCCUPANT LOAD OF 105 WITH 12 ATTACHMENTS
sinks	REQUIRED	PROVIDED

ALCULATIONS REFLECT ALL AREAS OF THE BUILDING BEING OCCUPIED, WHEN IN THE GYM AND CAFETERIA WILL HAVE OCCUPANTS FROM OTHER PORTIONS OF DING, NOT THEIR OWN. THE CAFETERIA NUMBERS REFLECT TABLES AND CHAIRS WILL MOSTLY BE USED IN THAT FUNCTION DURING "FULL OCCUPANCY." SPECIAL N THE CAFETERIA (PLAYS AND CONCERTS) AND IN THE MIDDLE SCHOOL GYM NG EVENTS) WILL BE AFTER NORMAL SCHOOL HOURS. (IN SCHOOL ASSEMBLIES HELD IN THE MIDDLE SCHOOL GYM - STUDENTS AND FACULTY ALREADY NTED FOR)

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