

Union County High School

Fire Alarm Upgrades

Union County, Tennessee

OWNER

Union County Board of Education
3006 Maynardville, highway PO Box 10
Maynardville, Tennessee 37807

November 22, 2019

Construction Document Submittal

PROJECT DATA

PROJECT SCOPE:
FIRE ALARM SYSTEM REPLACEMENT AND UPGRADES
UNION COUNTY HIGH SCHOOL
MAYNARDVILLE, TENNESSEE

PROJECT LOCATION (911 ADDRESS):
150 MAIN STREET
MAYNARDVILLE, TN 37807
UNION COUNTY

OWNER'S CONTACT:
MICHAEL JOHNSON - DIRECTOR OF MAINTENANCE AND OPERATIONS
EMAIL: johnsonma@ucps.org

APPLICABLE CODES:
2012 INTERNATIONAL BUILDING CODE (EXCLUDING CHAPTER 11 ACCESSIBILITY
and CHAPTER 34, SECTION 3411 ACCESSIBILITY FOR EXISTING BUILDINGS)

2012 INTERNATIONAL FIRE CODE
2012 INTERNATIONAL MECHANICAL CODE
2012 INTERNATIONAL FUEL GAS CODE
2012 NFPA 101 LIFE SAFETY CODE

TENNESSEE PUBLIC BUILDING ACCESSIBILITY ACT
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
2017 NFPA 70 NATIONAL ELECTRICAL CODE
2012 INTERNATIONAL ENERGY CONSERVATION CODE
2012 INTERNATIONAL EXISTING BUILDING CODE

RESPONDING FIRE DEPARTMENT'S INFORMATION:

MAYNARDVILLE VOLUNTEER FIRE DEPARTMENT
VOLUNTEER CHIEF - DANNY SMITH
125 JOHNSON ROAD
MAYNARDVILLE, TN 37807
865-567-7270
mvfd901@aol.com

BUILDING INFORMATION

EXISTING BUILDING DATA IS PROVIDED FOR REFERENCE AND GENERAL
INFORMATION ONLY AND IS NOT AFFECTED BY THIS PROJECT EXCEPT WHERE
SPECIFICALLY NOTED.

NO WALLS OR DOORS ARE BEING ADDED, REMOVED OR MODIFIED..

NO CHANGE IS BEING MADE TO THE OCCUPANCY CLASSIFICATION.

NO CHANGE IS BEING MADE TO BUILDING'S SPRINKLER SYSTEM PERFORMANCE OR
COVERAGE

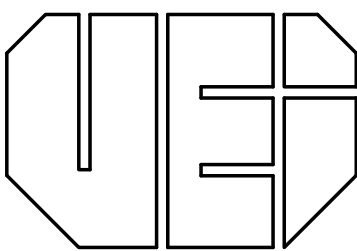
THERE IS NO CHANGE TO BUILDING SQUARE FOOTAGE

THERE IS NO CHANGE TO BUILDING OCCUPANCY

THERE IS NO CHANGE TO EXIT CAPACITY OR EXIT PATHS

EXISTING CONDITIONS MEETING ZONING REQUIREMENTS FOR HEIGHT,
SETBACKS, SITE COVERAGE, PARKING, ETC., ARE NOT ALTERED BY THIS PROJECT

OCCUPANCY TYPE : IBC GROUP E
CONSTRUCTION TYPE: IBC TYPE IIB, SPRINKLERED
NUMBER OF STORIES: 2
ALLOWABLE HEIGHT: PER IBC = 75 FT
ACTUAL HEIGHT: UNKNOWN - LESS THAN 75 FT
GROSS BUILDING AREA:
FIRST FLOOR = 128,934 SQUARE FEET
SECOND FLOOR = 32,488 SQUARE FEET
TOTAL = 161,422 SQUARE FEET
RENOVATED BUILDING FLOOR AREA: NONE



Vreland Engineers Inc.

3107 Sutherland Ave.
P.O. Box 10648
Knoxville, TN 37939
PH: (865) 637-4451
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WATS: 800-362-9789
vrelandengineers.com

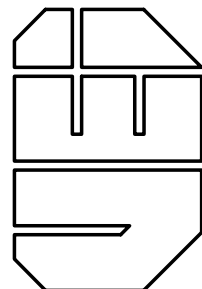
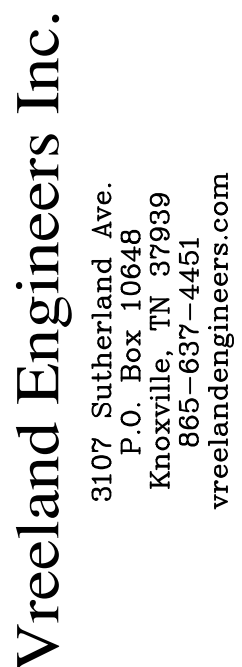
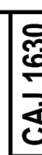


DRAWING INDEX

SHEET #	DRAWING TITLE	ORIGINAL ISSUE DATE	CURRENT REVISION	CURRENT REVISION DATE
	COVER SHEET	11/22/19	1	12/05/19
E0.1	LEGEND, SCHEDULES, AND DETAILS	11/22/19	1	12/05/19
E0.2	DETAILS	11/22/19	1	12/05/19
E1	OVERALL FIRST FLOOR PLAN - ELECTRICAL	11/22/19	1	12/05/19
E1A	FIRST FLOOR PLAN - PART A - ELECTRICAL	11/22/19	1	12/05/19
E1B	FIRST FLOOR PLAN - PART B - ELECTRICAL	11/22/19	1	12/05/19
E1C	FIRST FLOOR PLAN - PART C - ELECTRICAL	11/22/19	1	12/05/19
E1D	FIRST FLOOR PLAN - PART D - ELECTRICAL	11/22/19	1	12/05/19
E1E	FIRST FLOOR PLAN - PART E - ELECTRICAL	11/22/19	1	12/05/19
E2	OVERALL SECOND FLOOR PLAN - ELECTRICAL	11/22/19	1	12/05/19
E2A	SECOND FLOOR PLAN - PART A - ELECTRICAL	11/22/19	1	12/05/19
E2B	SECOND FLOOR PLAN - PART B - ELECTRICAL	11/22/19	1	12/05/19
E2E	SECOND FLOOR PLAN - PART E - ELECTRICAL	11/22/19	1	12/05/19



1. DETAILS SHOWN ABOVE REPRESENT THE STANDARD QUALITY TO BE USED FOR FIRESTOPPING IN THESE APPLICATIONS. SIMILAR AND EQUAL PRODUCTS BY 3M AND STI SHALL BE APPROVED FOR USE IN THIS PROJECT.
2. ALL CONDUITS ENTERING/DEPARTING RATED WALLS SHALL HAVE APPLICABLE FIRESTOPPING METHOD INSTALLED.



UNION COUNTY HIGH SCHOOL
FIRE ALARM UPGRADES
UNION COUNTY, TENNESSEE
T.F.M. #09158 / PROJECT # 2019-11-26-03

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DRAWING DESCRIPTION:
DETAILS

DATE:	
11-22-2019	
REVISIONS:	
1	TFM COMMENTS 12-5-19

SHEET NUMBER

E0.2