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1 FIREPROOFING PLAN - GYM ADDITION  
SCALE: 1" = 30'

2 FIREPROOFING PLAN - STRINGS ADDITION  
SCALE: 1" = 30'

FIRE PROOFING SCHEDULE			
CONSTRUCTION TYPE: TYPE I-B PER 2012 INTERNATIONAL BUILDING CODE, TABLES 601 AND 602			
SYMBOL	BUILDING ELEMENT	HOURLY RATING	U.L. DESIGN NO.
	STRUCTURAL FRAME Including columns, girders, trusses	1 hour where supporting roof only (Table 601 Note a)	Columns - U.L. Design X854 (U.L. Design X842 where exposed - see plans for locations.)
	Roof Construction including secondary supporting beams and joists	1 Hour	Girders, Trusses, Beams, Spandrels, and Bracing Members - U.L. Design P936
	STRUCTURAL FRAME Including columns, girders, trusses	1 hour where supporting roof only (Table 601 Note a)	Columns - U.L. Design X854 (U.L. Design X842 where exposed - see plans for locations.)
	Roof Construction, secondary supporting beams and joists	No protection required; every part of roof construction is 20 feet or greater above floor below.	Girders, Trusses, Beams, Spandrels, and Bracing Members - U.L. Design P936

**KEY NOTES**

- ☐ PROVIDE EXPOSED SFRM ON EXPOSED FACES OF COLUMN - TROWEL APPLICATION THICKNESS PER MANUF. TO ACHIEVE REI2D RATING
- ☐ PROVIDE INTUMESCENT UL DESIGN X842 ON EXPOSED FACES OF COLUMN

**GENERAL FIREPROOFING NOTES:**

1. The structural frame shall be considered to be the columns and the girders, beams, trusses and spandrels having direct connection to the columns and bracing members designed to carry gravity loads. The members of floor or roof panels which have no direct connection to the columns shall be considered secondary supporting members and not a part of the structural frame.
2. The U.L. design numbers indicated are the basis of design. Proprietary designs submitted with documentation indicating performance equal to the basis of design shall be acceptable.
3. Columns shall be provided with fire proofing on all sides and such protection shall extend from bottom of column to floor or roof deck above per 704.2 IBC 2012.
4. When field conditions arise, contact technical service staff provided by the product manufacturer for the design assistance.
5. THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN COPIES OF THE LATEST EDITION OF UL FIRE RESISTANCE DIRECTORIES VOLUMES 1, 2A AND 2B. UL DESIGNS INDICATED IN THE CONSTRUCTION DOCUMENTS SHALL BE TABLED FOR REFERENCE. COPIES SHALL BE KEPT IN THE JOB TRAILER AND SHALL BE READILY AVAILABLE FOR REVIEW BY THE FIRE MARSHAL FIELD AGENT.
6. Protection of columns, primary structural frame and secondary members shall be provided per referenced U.L. designs and be in accordance with the requirements of Section 704 IBC 2012.

**REVISIONS/ISSUANCES**

NO.	DESCRIPTION	DATE

**KEY PLAN**

**STATE OF GEORGIA**  
**REGISTERED ARCHITECT**

**Manley Spangler Smith Architects**  
A Professional Corporation

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PROJECT:  
**RENOVATIONS, MODIFICATIONS, & ADDITIONS TO HENRY COUNTY SCHOOLS - GROUP 10 WOODLAND HIGH SCHOOL (ITEM C)**

CLIENT:  
**HENRY COUNTY BOARD OF EDUCATION**

SHEET TITLE:  
**FIREPROOFING FLOOR PLANS**

U.L. 87  
F.T.E. 1.687  
FACILITY CODE: 675-0406  
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PROJECT NUMBER: 201511C  
DATE: 08.07.18  
SCALE: AS NOTED  
DRAWN BY: JS  
CHECKED BY: RV

SHEET NO.: **ALS.2**