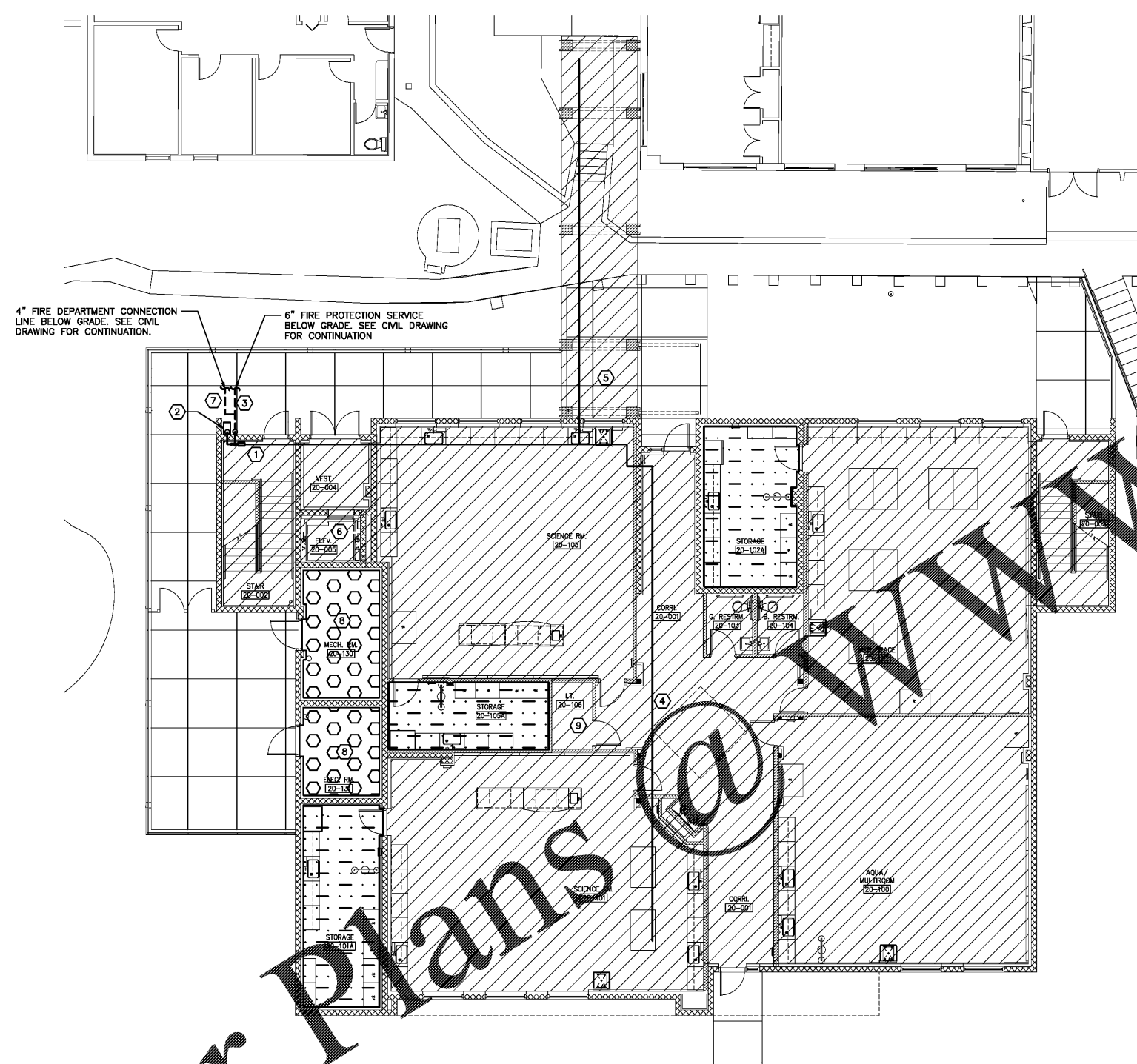


This information is intended for the use of the professional engineer or architect only. It is not to be used for any other purpose. The user hereby represents and warrants that it will be used in accordance with the intended purpose of the information.



4" FIRE DEPARTMENT CONNECTION LINE BELOW GRADE. SEE CIVIL DRAWING FOR CONTINUATION.

6" FIRE PROTECTION SERVICE BELOW GRADE. SEE CIVIL DRAWING FOR CONTINUATION.

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FIRE PROTECTION LEGEND

PATTERN	DESIGNATION
[Pattern: Dotted]	THIS AREA SHALL BE DESIGNED TO ORDINARY HAZARD GROUP II, 0.20 GPM/SQ.FT. DENSITY, 250 GPM HOSE.
[Pattern: Hexagonal]	THIS AREA SHALL BE DESIGNED TO ORDINARY HAZARD GROUP I, 0.15 GPM/SQ.FT. DENSITY, 250 GPM HOSE.
[Pattern: Diagonal Lines]	THIS AREA SHALL BE DESIGNED TO LIGHT HAZARD OCCUPANCY, 0.10 GPM/SQ.FT. DENSITY, 100 GPM HOSE.

FIRST FLOOR SPRINKLER LEGEND

SYSTEM TYPE	HEAD TYPE	ESTIMATE QUANTITY	ORIFICE AND K-FACTOR	HAZARD CLASSIFICATION	HEAD SPACING	SIN #
WET	SIDEWALL	4	1/2", K = 5.6	LIGHT	225 SQUARE FEET PER HEAD	VK302
WET	SEMI RECESSED PENDANT	36	1/2", K = 5.6	LIGHT	225 SQUARE FEET PER HEAD	VK302
WET	SEMI RECESSED PENDANT	2	1/2", K = 5.6	ORDINARY GROUP 1	130 SQUARE FEET PER HEAD	VK302
WET	UPRIGHT BRASS	2	1/2", K = 5.6	ORDINARY GROUP 1	130 SQUARE FEET PER HEAD	VK302
WET	SEMI RECESSED PENDANT	8	1/2", K = 5.6	ORDINARY GROUP 2	130 SQUARE FEET PER HEAD	VK302

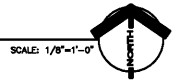
GENERAL NOTES

- THE FIRE PROTECTION CONTRACTOR SHALL COORDINATE THE LOCATION AND ELEVATION OF ALL SPRINKLER PIPING WITH DIVISION 23 AND 26. NO FIRE PROTECTION PIPING SHALL BE INSTALLED WITHOUT COORDINATED SHOP DRAWINGS. CONFLICTS DUE TO INSTALLATION SHALL BE IDENTIFIED AND CORRECTIONS DURING THE SHOP DRAWINGS PROCESS.

PLAN NOTES

- FLOOR CONTROL VALVE WITH TAMPER AND FLOW SWITCH AT EACH FLOOR. SEE DETAIL.
- 18" SPLASH BLOCK
- 6" FIRE LINE ENTRY. SEE ENTRY DETAIL. LINE MAY BE RESIZED UPON COMPLETION OF HYDRAULIC CALCULATIONS BY FIRE PROTECTION CONTRACTOR.
- FIRE MAIN ROUTED ABOVE CEILING. COORDINATE WITH DIVISION 23 AND 26 CONTRACTOR.
- FIRE PROTECTION PIPING EXPOSED TO OUTSIDE ELEMENTS SHALL BE GALVANIZED. SPRINKLER HEADS SHALL BE TEFLON COATED GALVANIZED HEADS.
- SIDEWALL HEADS, 200' TEMPERATURE AT BOTTOM OF ELEVATORS SHAFT.
- 4" FIRE DEPARTMENT CONNECTION LINE
- UPRIGHT HEADS REQUIRED
- SIDEWALL HEADS REQUIRED

1 FIRST FLOOR FIRE PROTECTION PLAN



JLD
JOHNSON, LEVINSON
RAGAN, DAVILA, INC.
CONSTRUCTION DOCUMENTS

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Certification Number 6059

Michael P. Landrum, P.E. 30594
Charles C. Chalkers, P.E. 31936

STEM BUILDING
THE BENJAMIN SCHOOL - LOWER MIDDLE SCHOOL
11000 Ellison Wilson Road, North Palm Beach, FL 33408
CONSTRUCTION DOCUMENTS

Corr. No: 16117.00
Job No: 117030
Date: 10-23-17
Drawn: BAR

Revisions		
No.	Date	Note

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

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