

PROJECT STREET ADDRESS: 18495 NC-HWY CAMERON, NC 28326 BUILDING AREA: N/A CEILING HGT.: VARIES TOTAL BLDG HGT.: DESIGN SUMMARY DESIGN METHOD: CALC CALC CALC CALC CALC DESIGN AREA NO.: LOCATION: CAFETERIA WET WET
LIGHT OH1 SPKLR. SPACING: K-FACTOR: REQUIREMENTS @: BASE RISER BASE RISER 141.6 174 34.4 22 REQUIREMENTS @: FIRE PUMP DATA RESIDUAL (PSI) : \_\_\_\_ FLOW (GPM) : \_\_\_\_ COMBINED GPM : \_\_\_\_ COMBINED STATIC : \_\_\_ SUCTION NODE # : \_\_\_\_ DISCHARGE PRES. : \_\_\_\_ DISCHARGE FLOW: \_\_\_\_ DISCHARGE NODE # : \_\_\_\_ WATER SUPPLY INFORMATION PRESS. HYDRANT: HYDRANT ELEV: FLOW HYDRANT: IS COPY OF FLOW TEST DATA INCLUDED WITH CALCULATIONS? : oximes YES oximes NO IS STORAGE HEIGHT GREATER THAN 12 FEET? : ☐ YES 🖾 NO

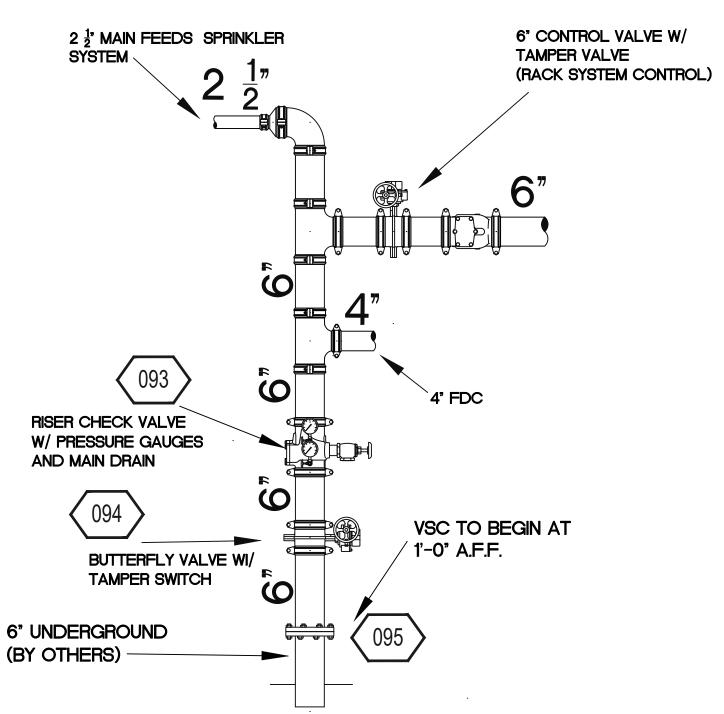
PROJECT NAME: <u>JOHNSONVILLE ELEMENTARY</u>

**Wall Penetration** 

Max. extent of SpecSeal \* LCI Sealant-into Annular Space

## GENERAL NOTES

- ALL WORK SHALL BE IN FULL COMPLIANCE WITH NFPA 13, 2013 Ed., HARNETT COUNTY, AND THE NORTH CAROLINA STATE BUILDING CODE 2018 Ed. . ALL LABOR AND MATERIALS REQUIRED SHALL BE FOR MODIFICATIONS TO EXISTING WORKING SYSTEM WHICH MEET ALL REQUIREMENTS OF NFPA 13 2013 Ed., HARNETT COUNTY, AND THE NORTH CAROLINA STATE BUILDING CODE 2018 Ed. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, UL LISTED AND/OR FM APPROVED FOR THE INTENDED USE AND SHALL BE INSTALLED IN FULL COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- . SPRINKLER HEADS ARE SPACED LIGHT HAZARD NOT TO EXCEED 225 SQ.FT. AND ORDINARY HAZARD GROUP 1 NOT TO EXCEED 130 SQ.FT. 5. ALL HANGERS AND LOCATIONS TO BE PER NFPA 13, 2013 Ed.



RISER DETAIL

NOT TO SCALE

FIRE · SECURITY

DESIGNER

SCALE As-Noted

Barry D. Bandy

DATE #

PIPE PAINTING IS BY OTHERS

<u>PIPE INSULATION NOTE:</u> ALL PIPE INSULATION IS TO BE BY OTHERS, ANY DETAIL

PROVIDED ARE FOR SUGGESTIONS ONLY, ALL INSULATIO MUST BE INSTALLED BY A QUALIFIED INSTALLER

VSC FIRE & SECURITY ACCEPTS NO RESPONSIBILITY

SEISMIC BRACING IS NOT REQUIRED

PIPE SLEEVES ARE NOT REQUIRED

PIPE IDENTIFICATION IS NOT REQUIRED

NC # 28783

REVISIONS

DESCRIPTION

NICET IEVELIII
N.I.C.E.T. LEVEL III
N.I.C.E.T. LEVEL III
NICET IEVELIII

SUBMITTAL N.C. LICENSE # 28783

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RALEIGH OFFICE

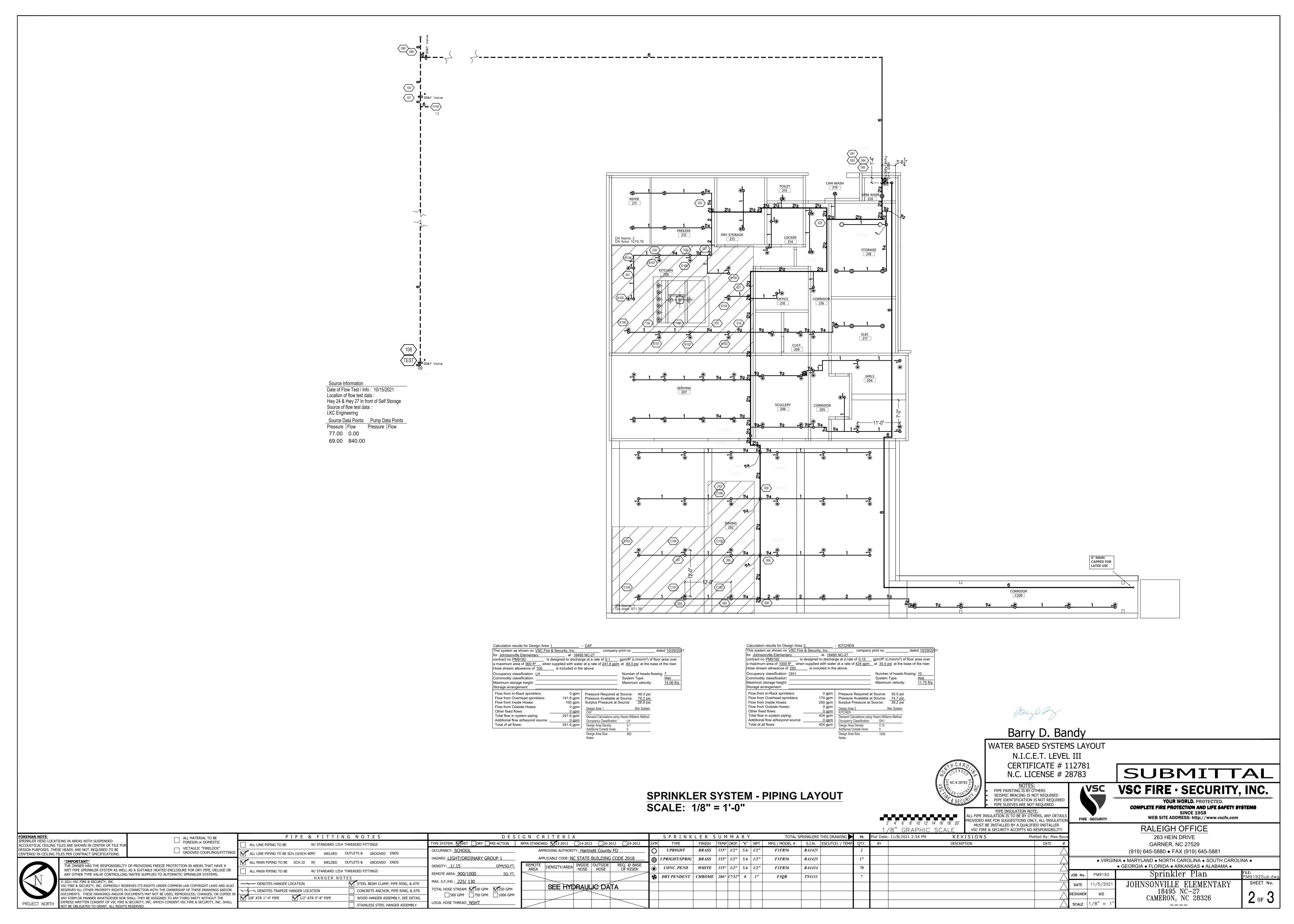
• GEORGIA • FLORIDA • ARKANSAS • ALABAMA •

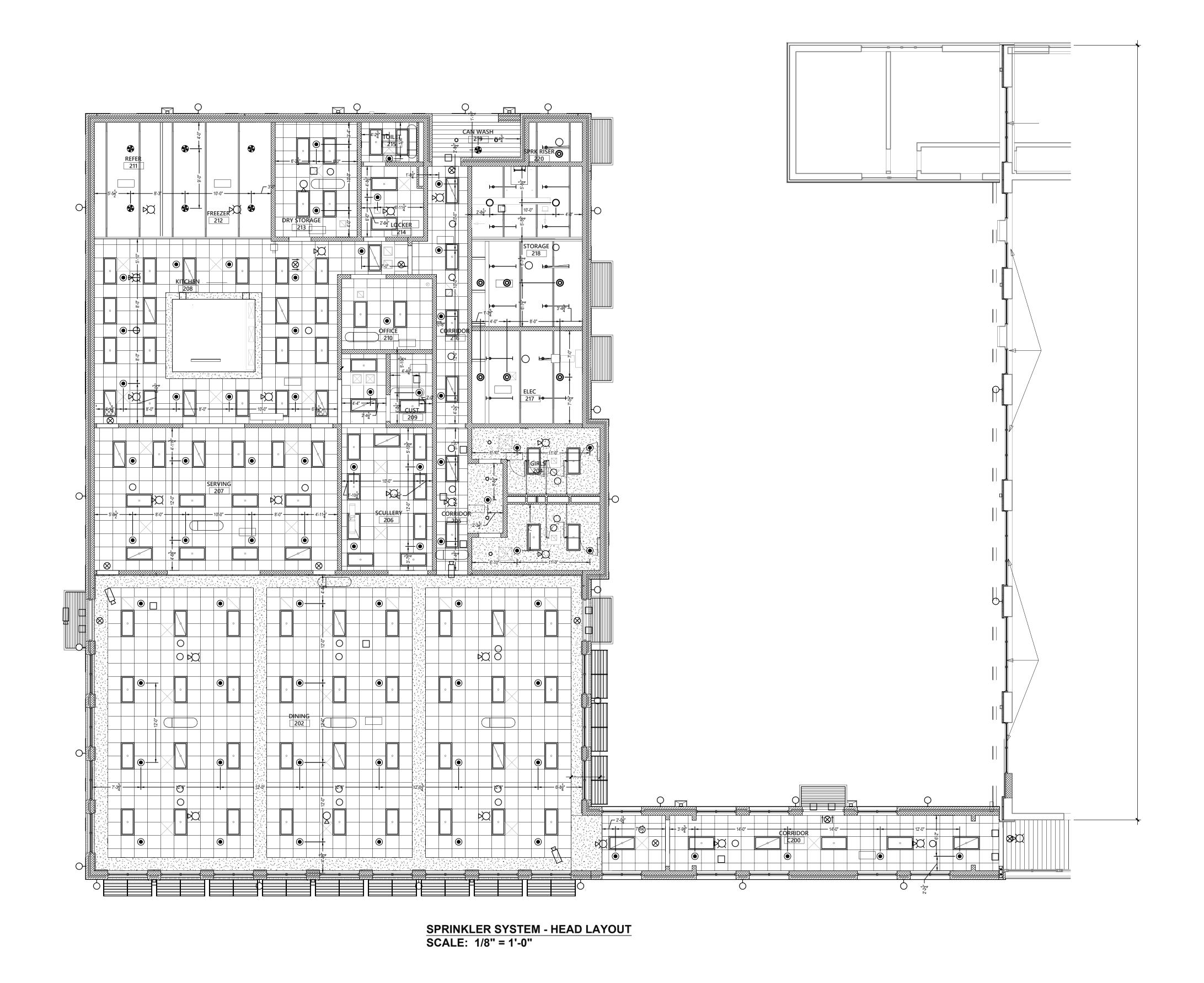
• VIRGINIA • MARYLAND • NORTH CAROLINA • SOUTH CAROLINA •

Sprinkler Plan

M9192Sub.dwo DATE 11/5/202

JOHNSONVILLE ELEMENTARY SHEET No. 18495 NC-27 OF 3 CAMERON, NC 28326

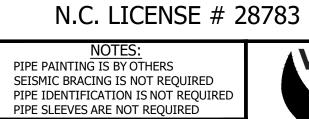




Bayl By

## Barry D. Bandy

WATER BASED SYSTEMS LAYOUT N.I.C.E.T. LEVEL III CERTIFICATE # 112781



VSC FIRE & SECURITY ACCEPTS NO RESPONSIBILITY

되 NC # 28783

REVISIONS

DESCRIPTION

1/8" GRAPHIC SCALE

## SUBMITTAL

Plotted By: Max Boy

DATE #

<u>PIPE INSULATION NOTE:</u>
ALL PIPE INSULATION IS TO BE BY OTHERS, ANY DETAILS FIRE · SECURITY PROVIDED ARE FOR SUGGESTIONS ONLY, ALL INSULATION MUST BE INSTALLED BY A QUALIFIED INSTALLER

| SCALE |1/8" =

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VIRGINIA ● Sprinkler Plan F<mark>ILE:</mark> PM9192Sub.dwg JOB No. PM9192 JOHNSONVILLE ELEMENTARY 18495 NC-27 CAMERON, NC 28326 SHEET No. DATE | 11/5/2021 3 of 3 DESIGNER

FOREMAN NOTE:
SPRINKLER HEAD LOCATIONS IN AREAS WITH SUSPENDED PIPE & FITTING NOTES DESIGN CRITERIA SPRINKLER SUMMARY TOTAL SPRINKLERS THIS DRAWING 96 Plot Date: 11/8/2021 2:54 PM ALL MATERIAL TO BE FOREIGN or DOMESTIC TYPE SYSTEM: WET DRY PRE-ACTION NFPA STANDARD: 13-2013 14-2013 20-2013 24-2013 SOME LINE PIPING TO BE SCH.40 W/ STANDARD 125# THREADED FITTINGS ACCOUSTICAL CEILING TILES ARE SHOWN IN CENTER OF TILE FOR VICTAULIC "FIRELOCK"
GROOVED COUPLINGS/FITTINGS DESIGN PURPOSES. THESE HEADS ARE NOT REQUIRED TO BE APPROVING AUTHORITY: Hartnett County FD OCCUPANCY: SCHOOL | BRASS | 155° | 1/2" | 5.6 | 1/2" | SOME LINE PIPING TO BE SCH.10 W/ WELDED OUTLETS & GROOVED ENDS CENTERED IN CEILING TILES PER CONTRACT SPECIFICATIONS. HAZARD: LIGHT/ORDINARY GROUP 1 APPLICABLE CODE: NC STATE BUILDING CODE 2018 | UPRIGHT/SPRIG | BRASS | 155° | 1/2" | 5.6 | 1/2" | \*IMPORTANT\*
THE OWNER HAS THE RESPONSIBILITY OF PROVIDING FREEZE PROTECTION IN AREAS THAT HAVE A WET PIPE SPRINKLER SYSTEM AS WELL AS A SUITABLE HEATED ENCLOSURE FOR DRY PIPE, DELUGE OR ALL MAIN PIPING TO BE SCH.10 W/ WELDED OUTLETS & GROOVED ENDS REMOTE DENSITY/AREA INSIDE OUTSIDE REQ. @ BASE HOSE OF RISER DENSITY: <u>.1/.15</u> GPM/SQ.FT. (a) | CONC. PEND | WHITE | 155° | 1/2" | 5.6 | 1/2" | RA1414 ALL MAIN PIPING TO BE W/ STANDARD 125# THREADED FITTINGS REMOTE AREA: 900/1000 ANY OTHER TYPE VALVE CONTROLLING WATER SUPPLIES TO AUTOMATIC SPRINKLER SYSTEMS. HANGER NOTES MAX. S.F./HD.: <u>225/ 130</u> SEE HYDRAULIC DATA STEEL BEAM CLAMP, PIPE RING, & ATR DENOTES HANGER LOCATION VSC FIRE & SECURITY, INC. EXPRESSLY RESERVES ITS RIGHTS UNDER COMMON LAW COPYRIGHT LAWS AND ALSO TOTAL HOSE STREAM: 100 GPM 250 GPM 500 GPM 750 GPM 1000 GPM RESERVES ALL OTHER PROPERTY RIGHTS IN CONNECTION WITH THE OWNERSHIP OF THESE DRAWINGS AND/OR ★ DENOTES TRAPEZE HANGER LOCATION CONCRETE ANCHOR, PIPE RING, & ATR DOCUMENTS. THESE DRAWINGS AND/OR DOCUMENTS MAY NOT BE USED, REPRODUCED, CHANGED, OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR SHALL THEY BE ASSIGNED TO ANY THIRD PARTY WITHOUT THE WOOD HANGER ASSEMBLY, SEE DETAIL EXPRESS WRITTEN CONSENT OF VSC FIRE & SECURITY, INC. WHICH CONSENT VSC FIRE & SECURITY, INC. SHALL LOCAL HOSE THREAD: NSHT STAINLESS STEEL HANGER ASSEMBLY NOT BE OBLIGATED TO GRANT. ALL RIGHTS RESERVED.