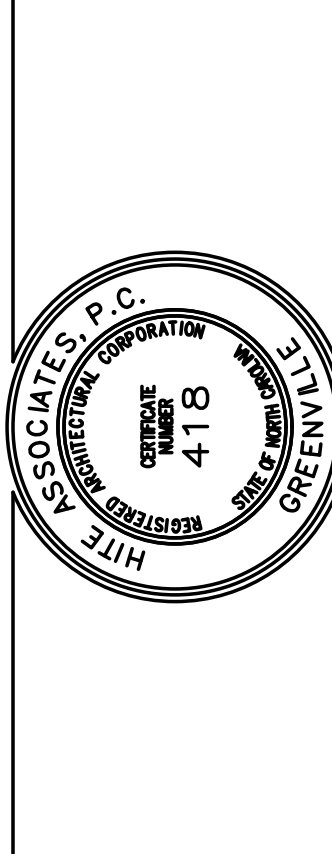


No.	Date	Revision
1	10/30/25	ADDENDUM # 1

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / Tel (252) 757-0333



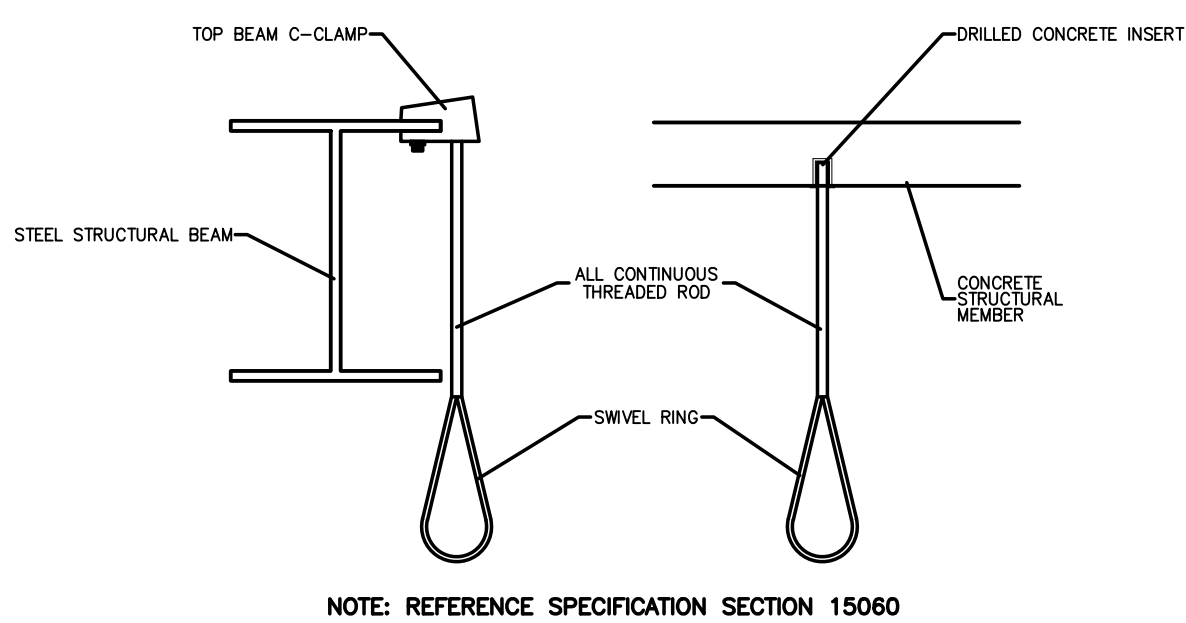
NEW CTE BUILDING FOR
Bertie High School
716 US 13 North / NCDPS Unit 080 - School 312
Windsor / Bertie County / North Carolina

Project No.	22351
Date:	March 2025
Drawing In:	FS 101

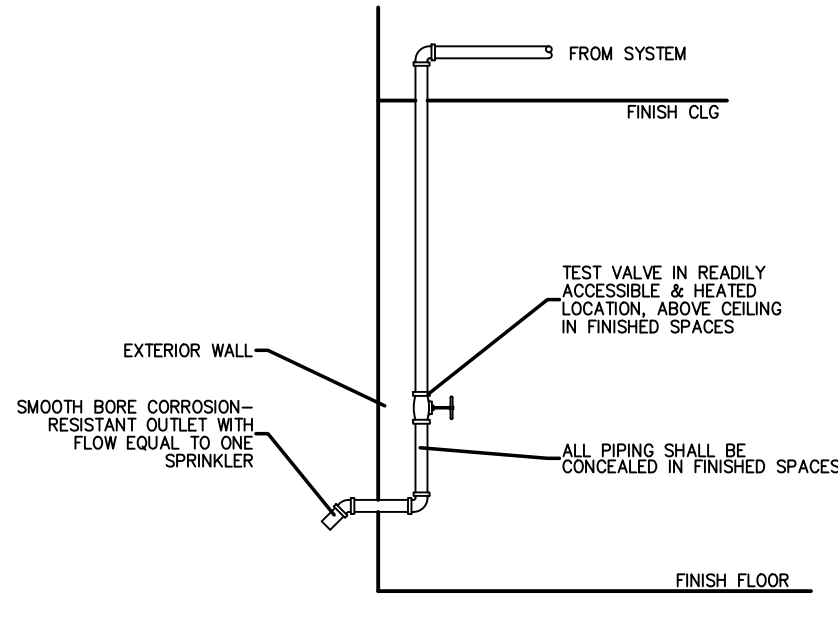
THIS DRAWING IS THE PROPERTY OF ENGINEERING SOURCE OF NC, P.A. THIS DRAWING IS NOT TO BE COPIED IN WHOLE OR IN PART. THIS DRAWING OR THE INFORMATION HEREON IS NOT TO BE USED ON ANY OTHER PROJECT AND MUST BE RETURNED TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.



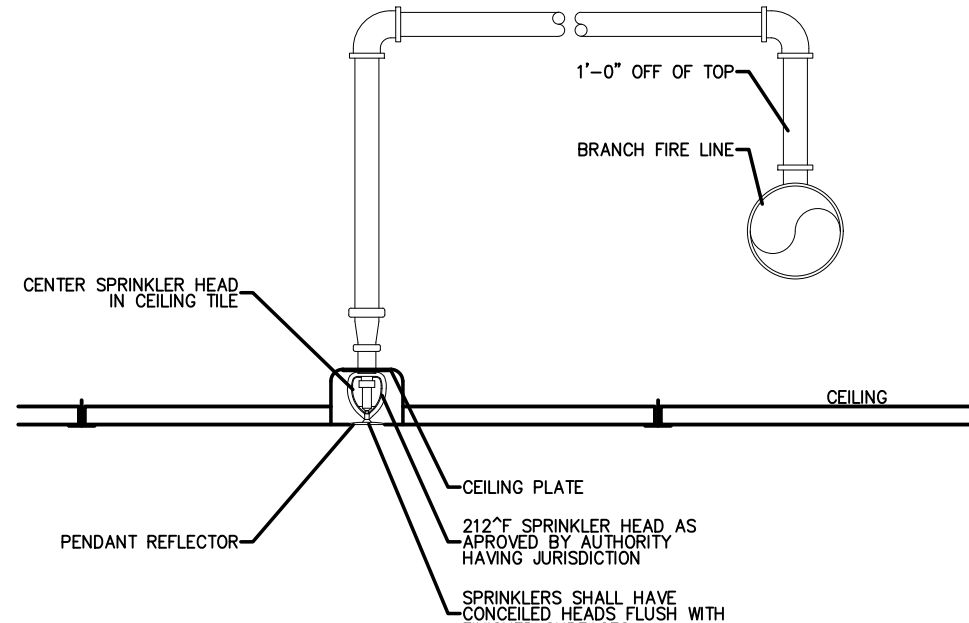
101.1 MAIN FLOOR SPRINKLER PLAN
SCALE: 1/8"=1'-0"



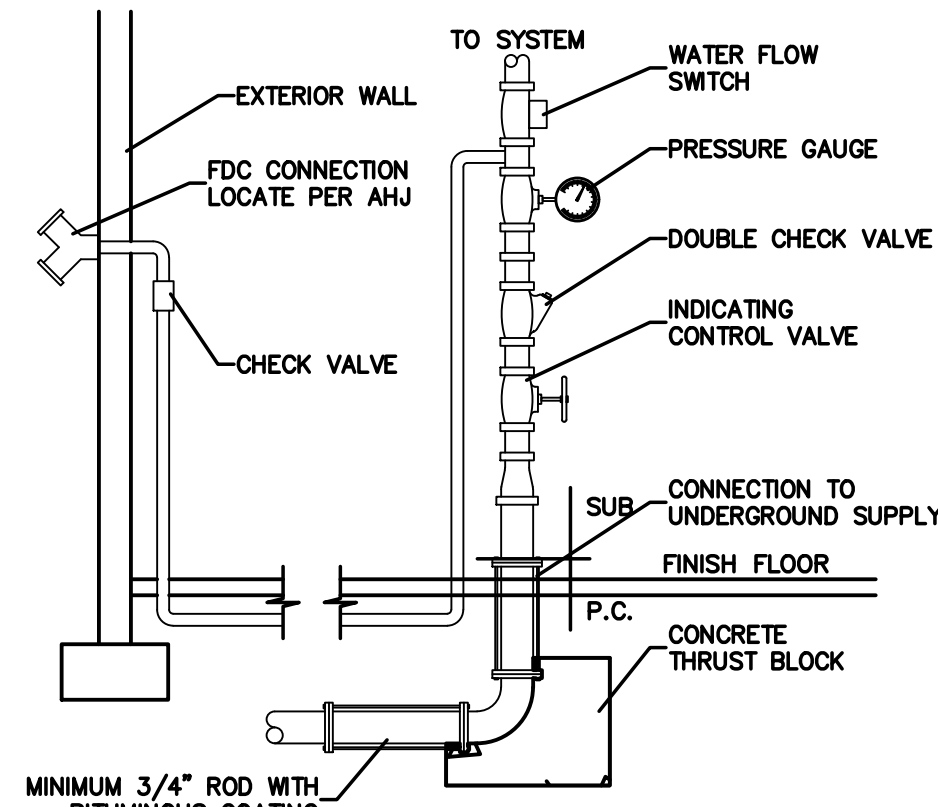
101.5 HANGER DETAILS
SCALE: none



101.4 SYSTEM TEST CONNECTION
SCALE: none



101.3 SPRINKLER HEAD DETAIL
SCALE: none



101.2 SPRINKLER SYSTEM RISER
SCALE: none

CLASSROOM DESIGN CRITERIA	
SYSTEM TYPE:	WET
CLASSIFICATION:	REFER TO SPECIFICATIONS
DENSITY:	REF. SPECS. DESIGN CRITERIA
PROTECTION AREA:	27,255
MIN. FIRE FLOW PER NC FIRE CODE TABLE 8105.1.2	1,000 gpm
PIPE SIZING:	HYD CALCS
REMOTE AREA:	1500 sf
HOSE:	250 gpm
FIRE FLOW DATA	
MAIN SIZE:	PROPOSED 6"
ELEV:	36.00'
STATIC PRESS:	70 PSI
VOLUME:	1285.80 GPM
RESIDUAL PRESS:	39 PSI
LOCATION:	HYDRANT #1
REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS	
NOTE: FLOWS MUST MEET NC FIRE CODE APPENDIX B FOR TYPE AB CONSTRUCTION AND THE TOTAL GPM FOR BUILDING UNDER FLOOD FLOODING TOP OF FLOODING SHALL BE SUBMITTED TO THE STATE OF NORTH CAROLINA FOR REVIEW AND APPROVAL. FLOODING SHALL BE SUBMITTED TO THE STATE OF NORTH CAROLINA FOR REVIEW AND APPROVAL. FLOODING SHALL BE SUBMITTED TO THE STATE OF NORTH CAROLINA FOR REVIEW AND APPROVAL.	

