

STRUCTURAL NOTES

GENERAL NOTES:

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
2. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD AND WITH ALL OTHER DRAWINGS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
3. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING (AND ACCOMPANYING FOOTINGS), GUYS OR TIEDOWNS.
4. ADDITIONAL OBSERVATIONS AS A RESULT OF REJECTION OF WORK COMPLETED AND/OR ADDITIONAL OBSERVATIONS DUE TO THE DEFICIENCIES IN WORK OBSERVED WILL BE AT THE EXPENSE OF THE CONTRACTOR.
5. ALL STRUCTURAL SHOP DRAWINGS TO BE REVIEWED BY JOB SUPERINTENDENT IN ADDITION TO ALL PERSONNEL DEEMED NECESSARY BY CONTRACTOR PRIOR TO SUBMITTAL TO ENGINEER FOR APPROVAL.
6. ALL SHOP DRAWING RESUBMITTALS SHALL INCLUDE A WRITTEN DETAILED LIST OF LOCATIONS AND DESCRIPTIONS OF ALL CHANGES MADE FROM PREVIOUS SUBMITTAL. LIST SHALL BE SPECIFIC AND GENERAL NOTES SUCH AS 'DIMENSIONS CORRECTED' ARE NOT ACCEPTABLE.

DESIGN CODES:

- 2018 NORTH CAROLINA BUILDING CODE
- AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN.
- SJI STANDARD SPECIFICATIONS, LOAD TABLES AND WEIGHT TABLES FOR STEEL JOISTS AND JOIST GIRDERS.
- ANSI S100-12 STANDARD SPECIFICATIONS FOR COLD-FORMED STEEL STRUCTURAL MEMBERS.

DESIGN LOADS:

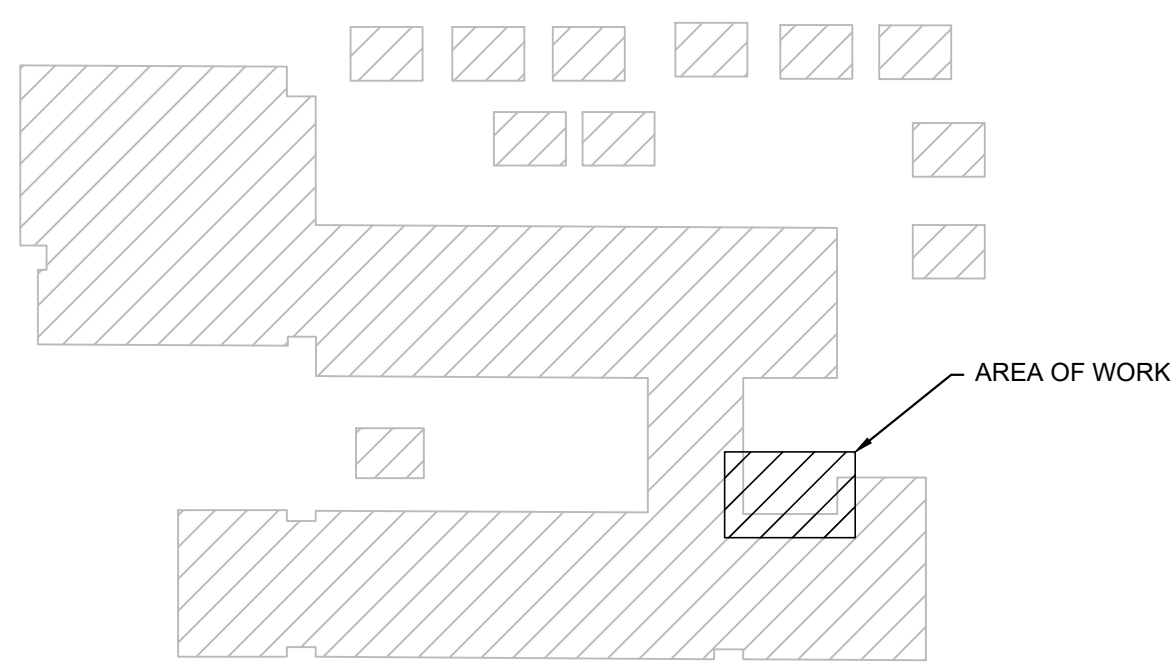
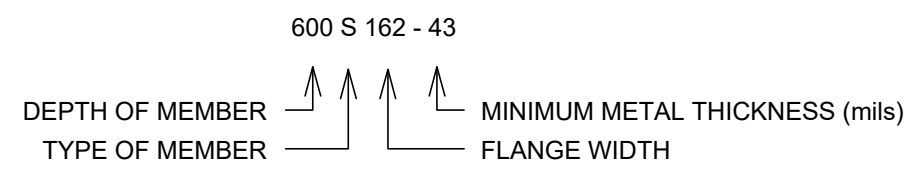
THE STRUCTURAL SYSTEM FOR THIS BUILDING HAS BEEN DESIGNED WITH THE FOLLOWING SUPERIMPOSED LOADINGS:

FLOOR (EXISTING):	
LIVE LOAD	40 psf
DEAD LOAD	40 psf
FLOOR (PROPOSED SUPERIMPOSED):	
LIVE LOAD	125 psf

COLD FORMED LIGHT GAGE STRUCTURAL STEEL:

1. STEEL STUD AND LINTEL MEMBERS SHALL BE OF TYPE SHOWN ON THE DRAWINGS AND IN SPECIFICATIONS AND SHALL CONFORM TO ASTM A446, GRADE C (MINIMUM YIELD POINT OF 50,000 psi), WITH HOT DIPPED GALVANIZED COATING CONFORMING TO ASTM A525, CLASS G60.
2. STEEL RUNNER TRACK SHALL BE OF TYPE SHOWN ON THE DRAWINGS AND IN SPECIFICATIONS AND SHALL CONFORM TO ASTM A446, GRADE A (MINIMUM YIELD POINT OF 33,000 psi), WITH HOT DIPPED GALVANIZED COATING CONFORMING TO ASTM A525, CLASS G60.
3. ALL FRAMING MEMBERS SHALL BE CUT SQUARELY OR AT AN ANGLE AS REQUIRED TO FIT SQUARELY AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD FIRMLY IN PLACE UNTIL PROPERLY JOINED.
4. JOINING OF STRUCTURAL MEMBERS SHALL BE MADE WITH SELF-DRILLING SCREWS OR WELDED. WIRE TYING OF FRAMING MEMBERS IN STRUCTURAL APPLICATIONS SHALL NOT BE PERMITTED.
5. ATTACHMENT OF COLLATERAL MATERIALS TO STEEL MEMBERS SHALL BE MADE WITH SELF-DRILLING SCREWS OR HARDENED SCREW SHANK NAILS. METAL LATH MAY ALSO BE CONNECTED TO STEEL BY STAPLES OR OTHER FASTENERS, IF APPROVED BY LOCAL BUILDING CODES.
6. STUDS SHALL SIT SQUARELY IN THE TOP AND BOTTOM RUNNER TRACK WITH ABUTMENT AGAINST TRACK WEBS. STUDS SHALL BE ALIGNED OR PLUMBED AND SECURELY FASTENED TO THE FLANGES OF BOTH TOP AND BOTTOM RUNNER TRACKS.

INDUSTRY-STANDARD NOMENCLATURE



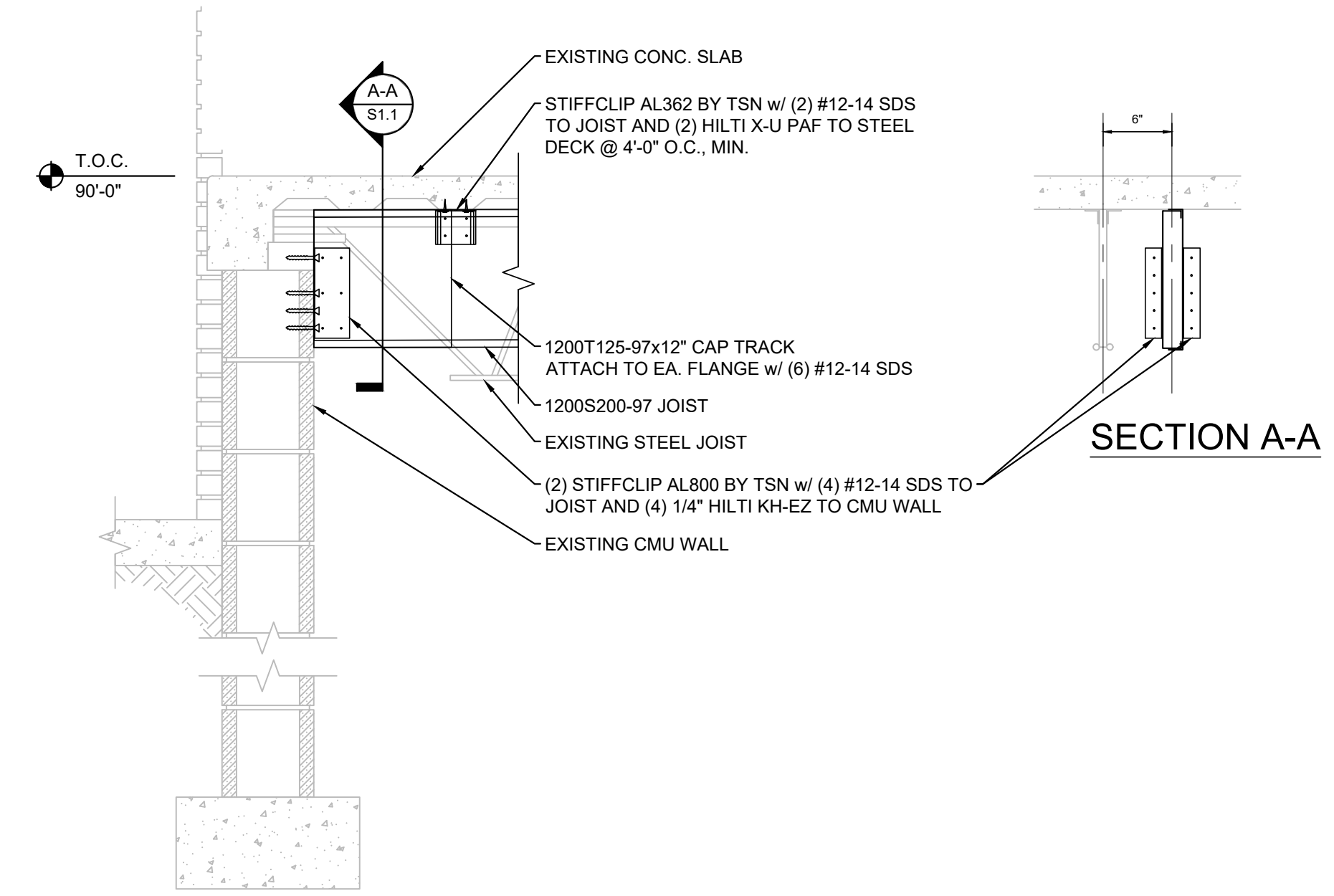
1 CAMPUS MAP

Scale: NTS

# WALKER - SPIVEY ELEMENTARY SCHOOL FRAMING ANALYSIS/REINFORCEMENT

FAYETTEVILLE, NORTH CAROLINA

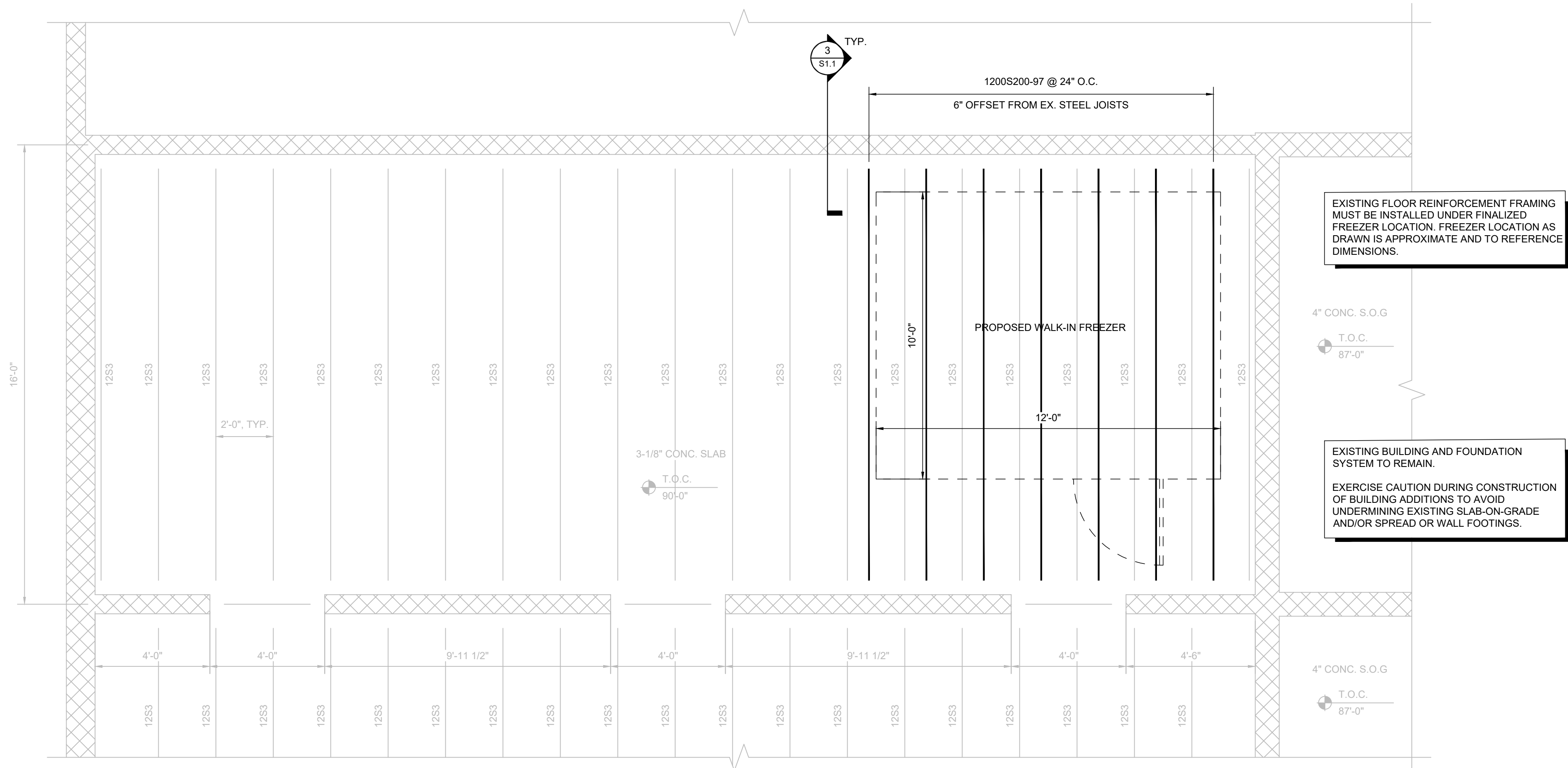
## ENGINEERING DRAWINGS



3 LGS JOIST TO EX. CMU WALL

ARCH REF: A-2

Scale: 1" = 1'-0"

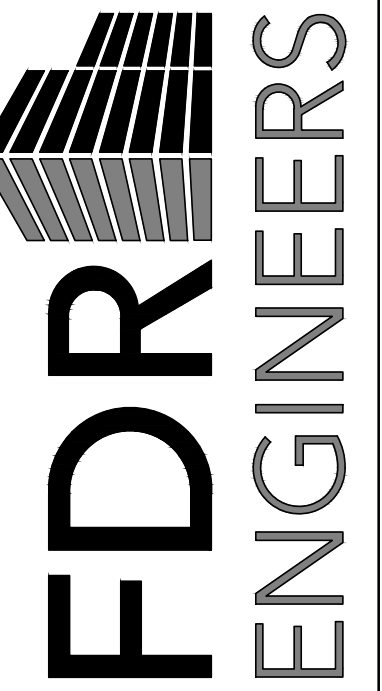


2 FLOOR PLAN

ARCH REF: A-2, A-3, A-5

Scale: 3/8" = 1'-0"

NOTE:  
JOISTS/BEAMS DRAWN AS SHOWN ARE AN INTERPRETATION OF HISTORICAL ARCHITECTURAL AND STRUCTURAL PLANS. CONTRACTOR TO FIELD VERIFY ACTUAL LOCATIONS AND DIMENSIONS



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SEALED CONSTRUCTION DOCUMENTS TO BE ISSUED ONCE VERIFICATION COMMENT RESPONSES ARE RECEIVED

Project Name  
WALKER - SPIVEY ELEMENTARY SCHOOL  
FRAMING ANALYSIS/REINFORCEMENT  
FAYETTEVILLE, NORTH CAROLINA

Sheet Title  
GENERAL NOTES  
FRAMING PLAN  
FRAMING DETAILS

DESIGNED BY:	JTF
DRAWN BY:	JTF
APPROVED BY:	HMH
PROJECT #:	22-048
DATE:	02/08/2022

No.	Revision	Date

Sheet  
**S1.1**

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