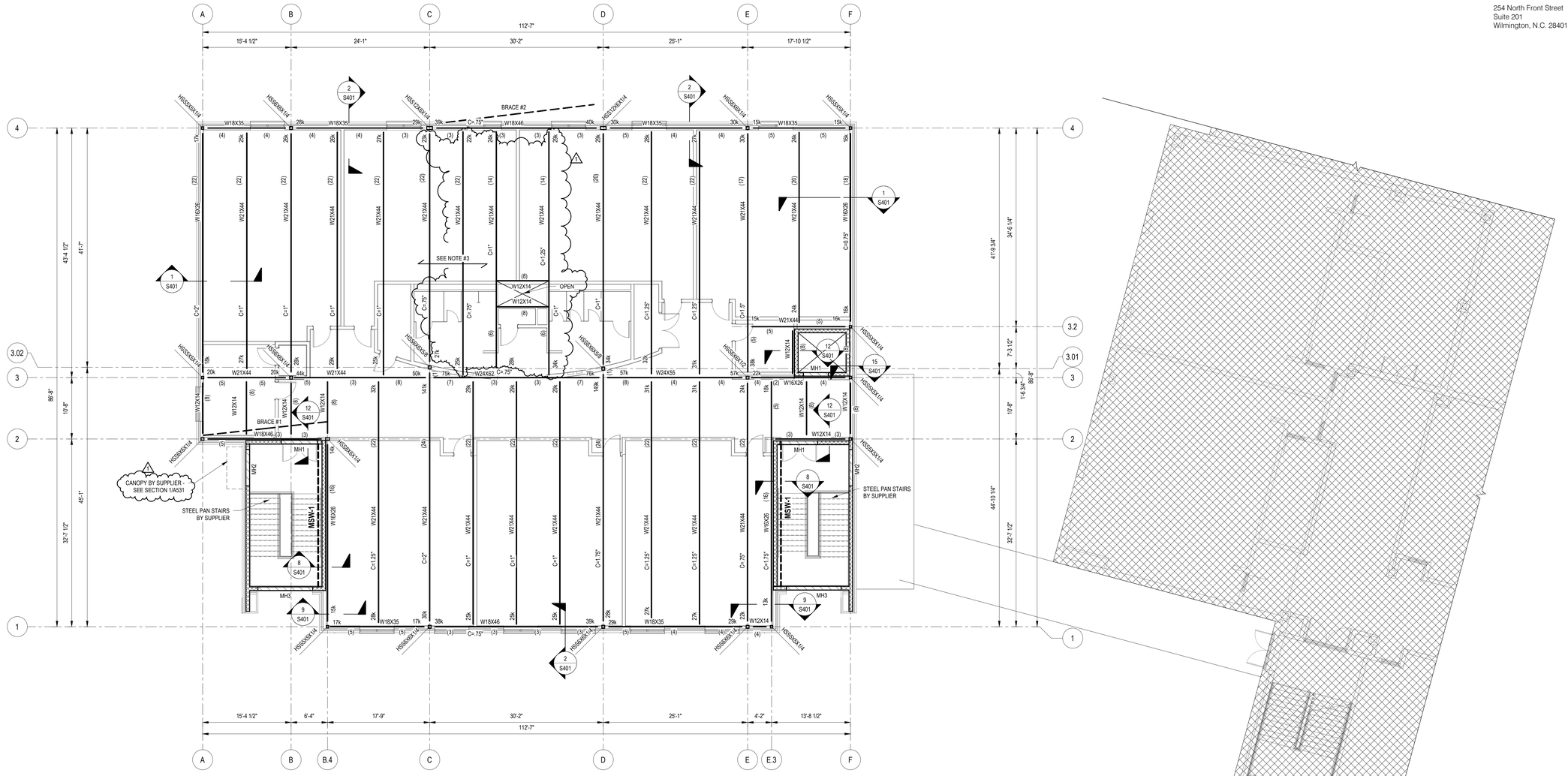
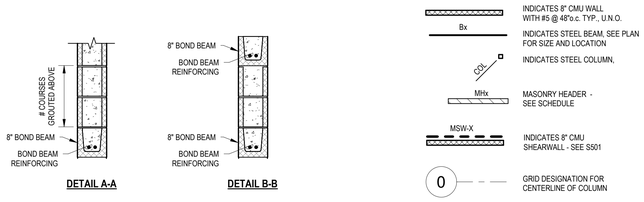


CLASSROOM SECOND FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"



DETAIL A-A DETAIL B-B

LEGEND - FLOOR FRAMING

- INDICATES 8" CMU WALL WITH #5 @ 48"o.c. TYP., U.N.O.
- Bx — INDICATES STEEL BEAM, SEE PLAN FOR SIZE AND LOCATION
- COL — INDICATES STEEL COLUMN,
- MHx — MASONRY HEADER - SEE SCHEDULE
- MSW-X — INDICATES 8" CMU SHEARWALL - SEE S501
- 0 — GRID DESIGNATION FOR CENTERLINE OF COLUMN

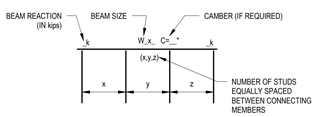
Alt. MASONRY HEADER (MHx) SCHEDULE

MARK	WALL THICKNESS	BOND BEAM REINF.	JAMB REINF.	#COURSES GROUTED ABOVE	REMARKS
MH1	8" CMU	(1) #5	(2) #5 INT. / (2) #5 EXT.	(2)	DETAIL A-A
MH2	8" CMU	(2) #5	(2) #5 INT. / (3) #5 EXT.	(2)	DETAIL A-A
MH3	8" CMU	(4) #5	(3) #5 EXT.	(3)	DETAIL B-B

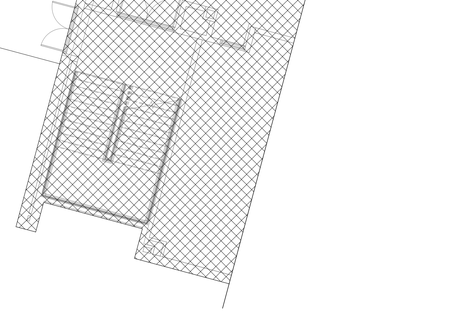
NOTES - FLOOR FRAMING PLAN

1. SEE SHEET S1.0 SERIES SHEETS FOR ADDITIONAL GENERAL NOTES, FOUNDATION NOTES, CONCRETE NOTES, REINFORCING STEEL, STEEL FRAMING, JOIST, DECK AND LIGHT GAUGE FRAMING NOTES AND TYPICAL DETAILS. TYPICAL DETAILS ARE GENERALLY NOT SHOWN ON PLAN BUT RATHER ARE INTENDED TO DEFINE TYPICAL CONSTRUCTION CONDITIONS.
2. TYPICAL SLAB ELEVATION IS 14" ABOVE DATUM ELEVATION (ASSUMED 0'-0", SEE S2.01). TYPICAL TOP OF STEEL IS 5 1/2" BELOW TOP OF SLAB U.N.O.
3. TYPICAL FLOOR SLAB IS 3 1/2" - 3,000 psi NORMAL WEIGHT CONCRETE TOPPING WITH 4lb/cy OF SYNTHETIC MICROFIBER ON 2" VLI, 20 GAUGE GALVANIZED COMPOSITE DECK BY VULCRAFT (2.0VLI20) OR APPROVED EQUAL. TOTAL FLOOR SLAB SYSTEM IS 5 1/2" THICK.
4. ALL BEAMS, GIRDERS AND COLUMNS SHALL BE ASTM A992, GRADE 50.
5. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND OTHER DISCIPLINE DRAWINGS FOR OPENINGS AND DEPRESSIONS NOT SHOWN ON THESE DRAWINGS. MECHANICAL UNIT WEIGHTS ARE FOR DESIGN PURPOSES ONLY. VERIFY ACTUAL OPERATING WEIGHT WITH PURCHASED EQUIPMENT MANUFACTURER SPECIFICATIONS.
6. DESIGNATIONS ON PLAN FOR BEAM REACTIONS, CAMBERS AND COMPOSITE BEAM SHEAR STUDS AS INDICATED BELOW. SEE "TYPICAL DETAILS" SHEET S1.02 FOR STUD PLACEMENT DETAILS. ALL SHEAR STUDS SHALL BE 3/4"Ø x 4" LONG HEADED STUDS AND SHALL COMPLY WITH ASTM A108.

   STUDS EQUALLY PLACED ALONG MEMBER.....(xx)
   (MAXIMUM SPACING = 24" o.c.)
   STUDS EQUALLY PLACED BETWEEN CONNECTING MEMBERS.....(xx/YY/ZZ)
   CAMBER AT MID SPAN (UNO).....C=xx
   REACTIONS AT EACH END (KIPS).....xxK-LRFD
   (MINIMUM REACTION = 16k IF NOT SHOWN ON PLAN) (LRFD)



7. ALL SECOND FLOOR STEEL BEAMS ARE TO BE SPRAY FIREPROOFED AND MUST BE LEFT UNPRIMED



8' 4' 0' 8'
SCALE : 1/8" = 1'-0"

WOODS ENGINEERING
Consulting Structural Engineers
254 North Front Street Phone: 910.343.8007
Suite 201 Fax: 910.343.8088
Wilmington, N.C. 28401 www.woodseng.com

BECKER MORGAN GROUP
ARCHITECTURE PLANNING
North Carolina
3333 Jaeckle Drive, Suite 120
Wilmington, NC 28403
910.341.7600
Maryland
312 West Main St, Suite 300
Salisbury, MD 21801
410.546.9100
Delaware
309 S Governors Ave
Dover, DE 19904
302.734.7950
Rittenhouse Station
250 South Main Street, Suite 109
Newark, DE 19711
302.369.3700
www.beckermorgan.com

ISSUED
FOR BIDDING
NOT FOR CONSTRUCTION
ISSUED: 04.16.2020

WOODS ENGINEERING, P.A. CORPORATE SEAL No. C-1806 NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 041563 DAN C. ELSEA

PROJECT TITLE

WEST BRUNSWICK HIGH SCHOOL NEW BUILDING

550 WHITEVILLE ROAD N.W.
SHALLOTTE, NC 28470

DSP # : 100
DPI SCHOOL # : 1167

SHEET TITLE

CLASSROOM SECOND FLOOR FRAMING PLAN

KEY PLAN

ISSUE BLOCK

Mark	Date	Description
1	05.04.20	ADDENDUM 1
	04.16.20	ISSUED FOR BIDDING
	03.20.20	100% REVIEW SUBMISSION
	10.14.19	NCDPI DD SUBMISSION
	07.30.19	SD PROGRESS DRAWINGS
	07.11.19	NCDPI SD SUBMISSION

PROJECT NO:
DATE: 04.16.2020
SCALE: As indicated
DRAWN BY: MBK | PROJ MGR: ALS

S202

COPYRIGHT © 2019

5/4/2020 3:05:00 PM C:\Users\Molly\Documents\ST_WBHS_CLASS_v19_melissa@woodseng.com.rvt