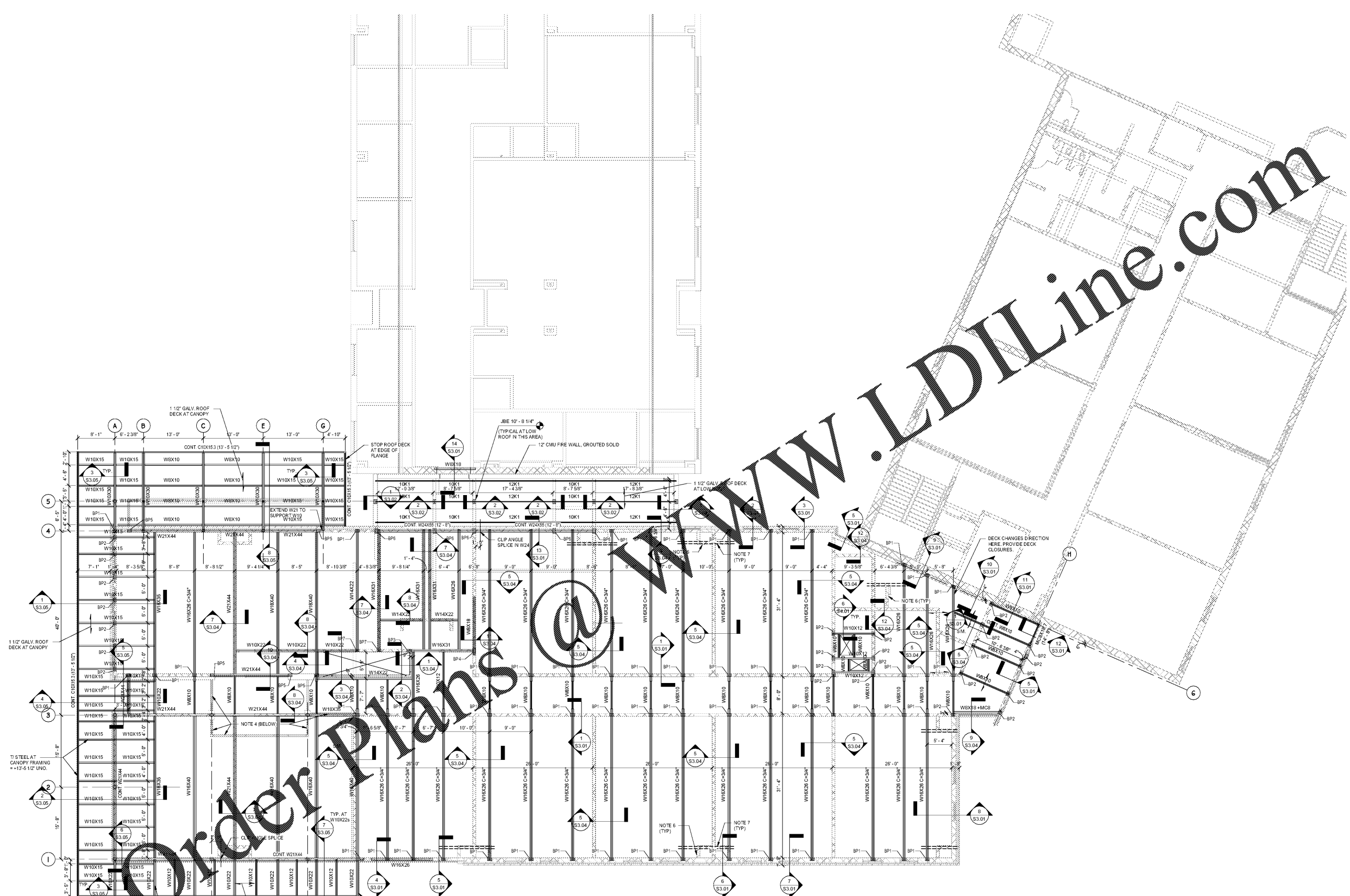


ISSUE	DATE
BID DOCUMENTS	10.24.19

MILLBROOK ELEMENTARY  
SCHOOL - ADDITIONS AND  
RENOVATIONS  
255 E PINE LOG RD, AIKEN, SC 29803  
GMC # ACOL 180004

SECOND FLOOR  
FRAMING PLAN

S1.02



1 SECOND FLOOR FRAMING PLAN  
S1.02 1/8" = 1'-0"



- PLAN NOTES:
- FLOOR CONSTRUCTION IS 2 1/2" LIGHTWEIGHT CONCRETE REINFORCED WITH WWF 6X6 - W1.4 X W1.4 OVER 3" 20 GAGE GALVANIZED COMPOSITE DECK IS 1 1/2" TOTAL SLAB THICKNESS. AT ROOF AND CANOPY AREAS, ROOF DECK IS 1 1/2" 22 GAGE GALVANIZED TYPE B DECK.
  - FINISH FLOOR ELEVATION IS +1.42' ABOVE FIRST FLOOR. TOP OF FLOOR BEAMS + 6.12' BELOW FINISH FLOOR UNLESS NOTED OTHERWISE ON THE PLAN OR SECTIONS.
  - ALL BEAMS WHICH SUPPORT FLOOR SLABS ARE COMPOSITE BEAMS AND RECEIVE 3/4" DIAMETER X 4 1/2" HEADED STUDS FIELD WELDED THROUGH THE DECK AT 12" OC, EXCEPT W8X10 AND W10X12 BEAMS WHICH FRAME DUCT OPENINGS DO NOT REQUIRE STUDS.
  - LIGHT GAGE FRAMING SUPPLIER SHALL PROVIDE LIGHT GAGE FRAMING OVER TOPS OF EXTERIOR STOREFRONT IN THE FIRST STORY BELOW, DESIGNED TO RESIST WIND LOADS ON STOREFRONT. SEE THE ARCHITECTURAL DRAWINGS. ALL TRACKS OR STUDS TO WHICH THE STOREFRONT IS ATTACHED SHALL BE 16 GAGE MINIMUM.
  - AT CANOPY AND ROOF AREAS, PROVIDE L2X2X1/4 FRAMES AT ALL ROOF DRAINS, OVERFLOW DRAINS AND EXHAUST FANS (NOT SHOWN ON THIS DRAWING). SEE THE PLUMBING, MECHANICAL AND ARCHITECTURAL DRAWINGS FOR LOCATIONS.
  - AT CMU WALLS AT CHASES, CMU DOES NOT NEED TO BE ANCHORED TO FLOOR SLAB OR BRACED AT THE ROOF. PROVIDE CORNER BARS IN BOND BEAMS AT CORNER OF CHASE AND ANCHOR BOND BEAM REINFORCING TO ADJACENT WALLS AS SHOWN IN WALL INTERSECTION DETAIL ON S4.02.
  - AT CHASE WALLS, PROVIDE (2) #5 IN SLAB, 3/4" CLEAR FROM BOTTOM OF DECK FLUTES, ONE IN EACH OF TWO DECK FLUTES NEAREST 1" TO WALL. EXTEND BARS 1'-0" MINIMUM PAST NEAREST BEAM OR SUPPORTING WALL.