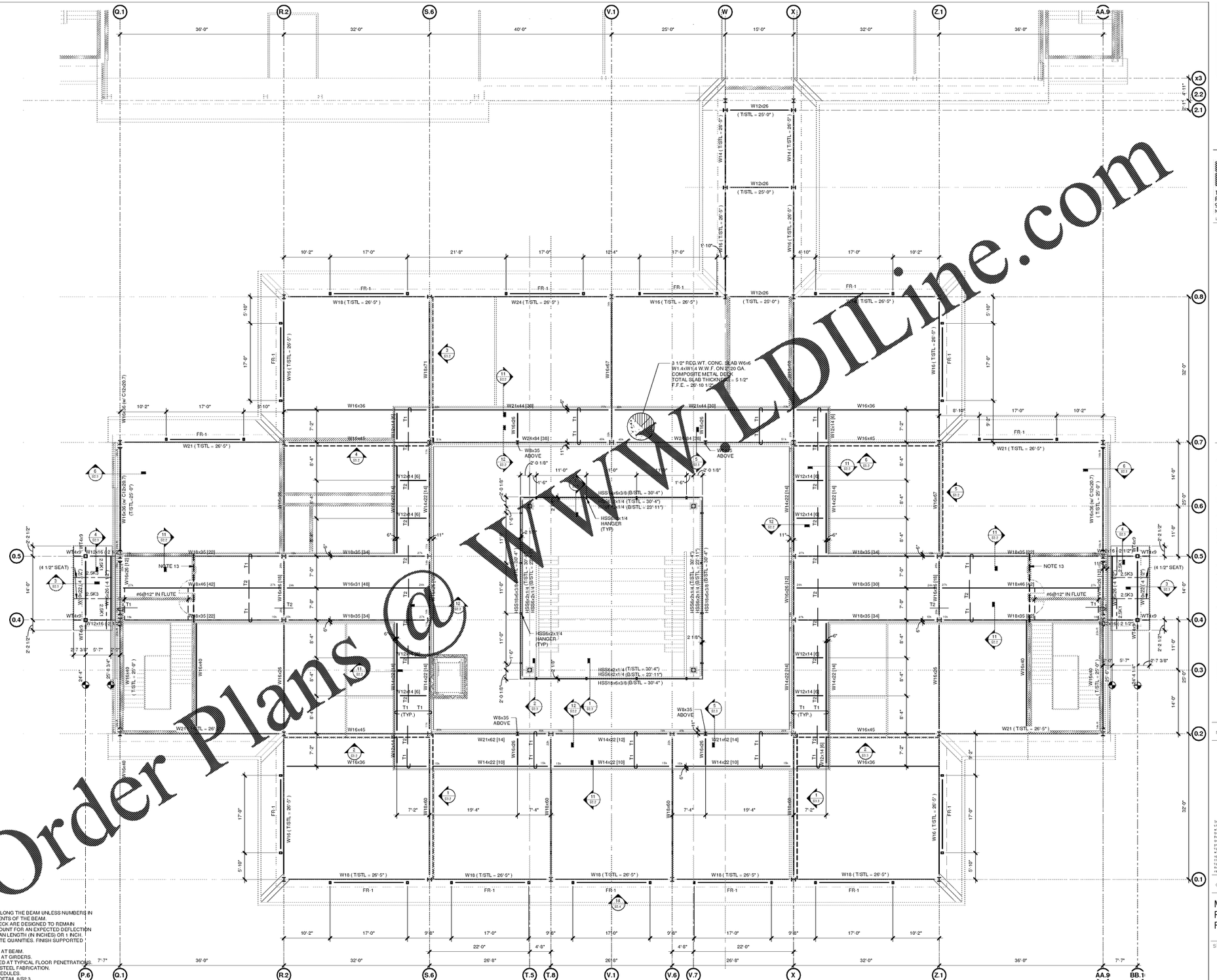

STRUCTURAL STEEL FLOOR FRAMING NOTES:

1. TOP OF STEEL = 5¼" BELOW FIN. FL. U.O.N.
2. SHEAR STUDS ARE TO BE INSTALLED UNIFORMLY ALONG THE BEAM UNLESS NUMBERS IN BRACKETS ARE INDICATED FOR INDIVIDUAL SEGMENTS OF THE BEAM.
3. FLOOR FRAMING AND COMPOSITE STEEL FLOOR DECK ARE DESIGNED TO REMAIN UNSHORED DURING CONCRETE PLACEMENT. ACCOUNT FOR AN EXPECTED DEFLECTION IN BEAMS AND GIRDERS OF UP TO 1/360 OF THE SPAN LENGTH (IN INCHES) OR 1 INCH, WHICHEVER IS LESS WHEN CALCULATING CONCRETE QUANITIES. FINISH SUPPORTED SLABS FLAT AND LEVEL.
4. SEE 1/S2.2 FOR TYPICAL COMPOSITE SLAB DETAILS AT BEAM.
5. SEE 2/S2.2 FOR TYPICAL COMPOSITE SLAB DETAILS AT GIRDERS.
6. SEE 6/S2.2 FOR ADDITIONAL REINFORCING REQUIRED AT TYPICAL FLOOR PENETRATIONS.
7. VERIFY ELEVATOR DIMENSIONS W/ MFR. PRIOR TO STEEL FABRICATION.
8. SEE S2.2 FOR INTERIOR AND EXTERIOR LINTEL SCHEDULES.
9. ⟶●DENOTES RIGID MOMENT CONNECTION SEE DETAIL 6/S2.3.
10. T1 DENOTES SLAB TOP BAR. SEE SCHEDULE ON S2.2.
11. FR-1 DENOTES STEEL FRAMES. SEE DET. 1/S2.4
12. G.C TO COORDINATE SIZE @ LOCATION OF FRAMED DUCT CHASES PRIOR TO STEEL FABRICATION. PROVIDE W8x10 INFILL BEAMS.
13. PROVIDE 1-#6 IN FLUTE. SEE DETAIL 9/S2.2.

1 S1.3 MECHANICAL PLATFORM FRAMING PLAN
1/8" = 1'-0"

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4-25-19

Cedar Ridge High School
Classroom Addition
Orange County Schools
1125 New Grady Brown School Road
Hillsborough, North Carolina

no. revisions

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MECHANICAL PLATFORM FRAMING PLAN

sheet
S1.3

project no. 1716

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