



ROOF PART PLAN

- 1) METAL ROOF DECK IS 1 1/2" x 22 GA TYPE "B" PAINTED M.R.D., TYP. U.O.N. FOR ATTACHMENT, SEE TYPICAL M.R.D. FASTENING DETAIL ON S1102.
- 2) ELEV NOTED(+ ) ARE ABOVE REFERENCED FINISHED FLOOR.
- 3) METAL ROOF DECK IS TO BE USED TO TRANSMIT LATERAL LOADS TO WALLS. SEE TYP. DECK FASTENING PATTERN ON S1102.
- 4) JOIST SUPPLIER SHALL DESIGN JOISTS FOR ADDITIONAL POINT LOADS FROM ROOF TOP MECHANICAL UNITS (IF REQUIRED). CONTRACTOR SHALL VERIFY SIZE AND WEIGHT OF UNITS AND REPORT THIS INFORMATION TO THE STRUCTURAL ENGINEER OF RECORD, IF REQUIRED.
- 5) ALL WIDE FLANGE BEAMS TO BE "A50" STEEL.
- 6) SEE S1201 FOR NET UPLIFT DESIGN LOADING FOR ALL JOISTS AND GIRDERS.
- 7) "UB" INDICATES UPLIFT BRIDGING TO BE LOCATED AT THE FIRST BOTTOM CHORD PANEL POINT OF JOIST.
- 8) NO FABRICATION OR ERECTION SHALL COMMENCE PRIOR TO THE APPROVAL OF ALL STRUCTURAL STEEL SHOP DRAWINGS BY THE ENGINEER OF RECORD.
- 9) JOIST MANUFACTURER SHALL ADJUST JOIST SEATS AS REQUIRED TO MAINTAIN DECK BEARING ELEVATIONS SHOWN ON THE CONTRACT DRAWINGS.
- 10) COORDINATE AND VERIFY ALL DECK EDGE LOCATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- 11) SEE 3/S1103 AND 5/S1103 FOR LCX CONFIGURATION.
- 12) SEE 4/S1103 FOR BCX CONFIGURATION.
- 13) PROVIDE CONTINUOUS HORIZONTAL AND/OR DIAGONAL CROSS BRIDGING AT LOCATIONS SHOWN ON THE DRAWINGS. WHERE SJI STANDARDS REQUIRE ADDITIONAL LINES OF BRIDGING IN ADDITION TO THOSE SHOWN ON THE DRAWINGS THE ADDITIONAL LINES SHALL BE PROVIDED.
- 14) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS.
- 15) SEE 15/S1103 FOR BENT BEAM WELDMENTS.

Revision	No.	Date
1	3/13/25	REVISED PER DPM 03 OF REVIEW COMMENTS

**Hite associates**  
ARCHITECTURE / ENGINEERING / TECHNOLOGY  
2600 Meridian Drive / Greenville, NC 27838 / tel (252) 757-0333

NC LIC C-13229  
**QED**  
QUEEN ENGINEERING & DESIGN  
REGISTERED PROFESSIONAL ENGINEER  
BRUCE L. QUEEN  
18991  
26 FEB 2025

NEW CTE BUILDING FOR  
**NEW BERTIE HIGH SCHOOL**  
716 US 13 NORTH / NCDPS UNIT 080 - SCHOOL 312  
WINDSOR / BERTIE COUNTY / NORTH CAROLINA

Project No. **22351**  
Date: 26 FEB 2025  
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