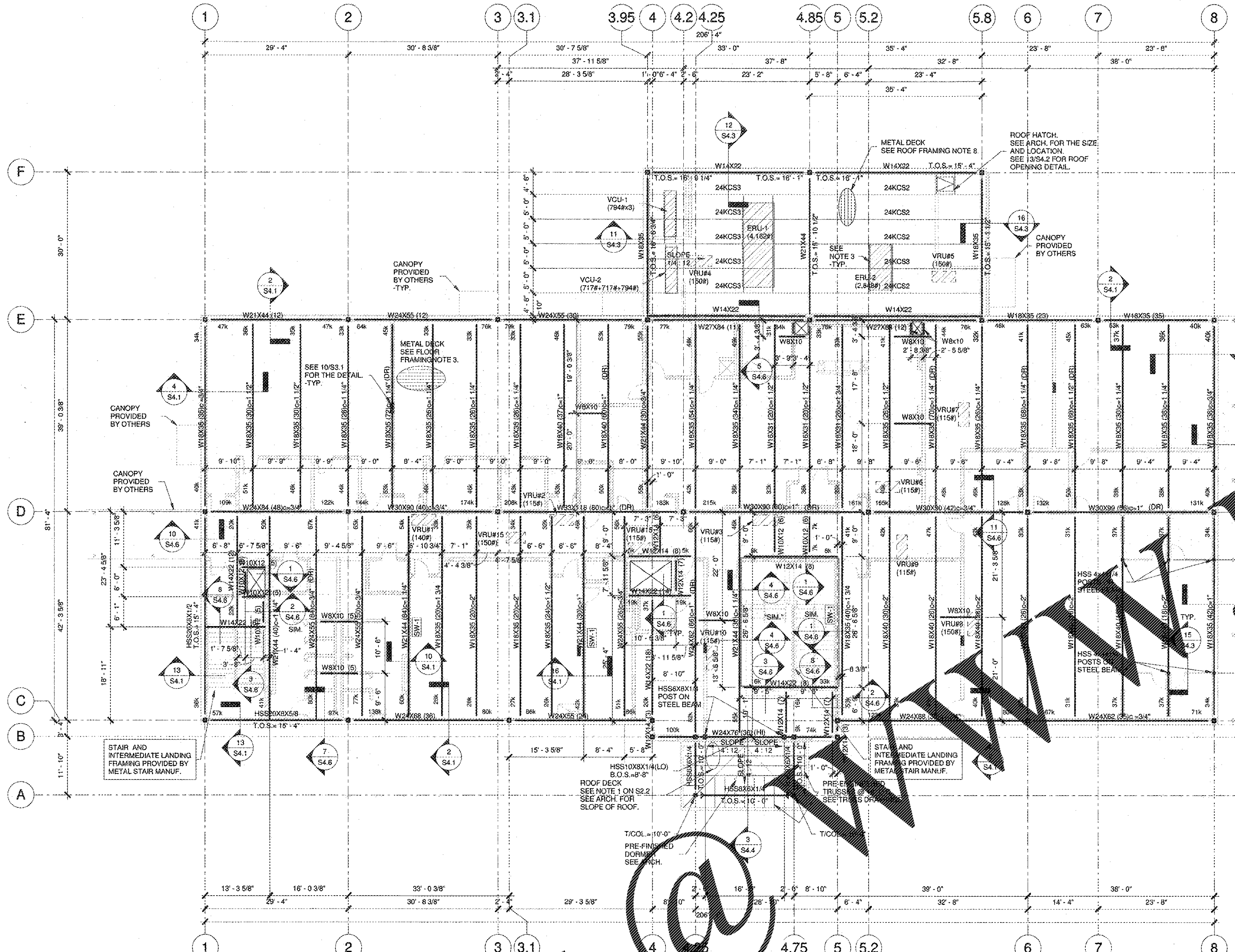
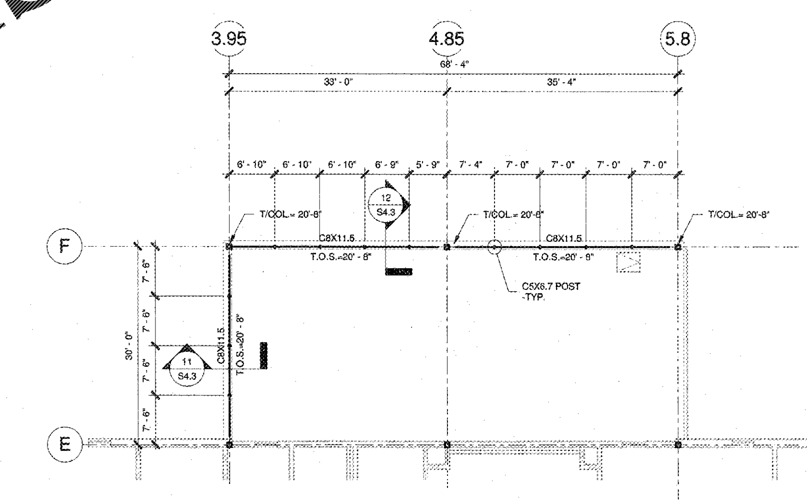


1 2ND FLOOR
3/32" = 1'-0"



2 PARAPET FRAMING PLAN
3/32" = 1'-0"

ROOF FRAMING NOTES:

1. PROVIDE ANGLE BRIDGING TO MEET STEEL JOIST INSTITUTE REQUIREMENTS.

2. SEE DETAIL A/S0.1 ON SHEET S0.1 FOR ROOF DECK ATTACHMENT.

3. ROOF TOP UNIT CURBS AND OTHER ROOF CURBS SHALL BEAR DIRECTLY ON STRUCTURAL STEEL FRAMING AS SHOWN - SEE 12/S4.2 & 13/S4.2.

4. COORDINATE ROOF OPENING LOCATIONS WITH ARCHITECTURAL FLOOR AND ROOF PLANS AND MECHANICAL DRAWINGS AND UNITS PROVIDED. PROVIDE ROOF FRAMES PER DETAIL 13/S4.2 AT ALL OPENINGS 12" OR GREATER IN DECK. CONTRACTOR SHALL VERIFY ALL OPENINGS REQUIRED FOR EQUIPMENT SUPPLIED PRIOR TO SUBMITTING SHOP DRAWINGS FOR STRUCTURAL STEEL.

5. CONCENTRATED LOADS INDICATED ON THE PLAN SHALL BE ADDED TO THE JOISTS AND JOIST GIRDER PANEL POINT LOADS WHERE INDICATED.

6. CONCENTRATED LOADS ON JOISTS SHALL BE REINFORCED BY FIELD APPLYING A WEB MEMBER IN ACCORDANCE WITH DETAIL 14/S4.2.

7. JOIST AND GIRDER DESIGNATIONS INDICATED ARE BASED ON ALLOWABLE STRESS DESIGN.

8. ROOF METAL DECK SHALL BE 1 1/2" WIDE RIB ROOF DECK, TYPE B. DECK SHALL BE PAINTED AND HAVE THE FOLLOWING MINIMUM PROPERTIES:
- THICKNESS = .0295" (22 GA)
- F_y = 33-KSI
- I_p = 0.155 in^4/ft
- I_n = 0.183 in^4/ft
- S_p = 0.186 in^3/ft
- S_n = 0.192 in^3/ft

ATTACH ROOF DECK TO SUPPORTS WITH 5/8" PUDDLE WELDS IN 36/7 PATTERN WITH (2) #10 SIDELAP FASTENERS PER SPAN. SEE DETAILS ON S0.1 FOR DECK ATTACHMENT PATTERN.

9. ALL EXTERIOR WIDE FLANGE BEAMS SHALL HAVE 1/4" STIFFENER PLATES AT 4' - 0" O.C. TYP. - U.N.O.

10. SEE GENERAL NOTES ON SHEET S0.1 FOR ROOF LOADS.

11. PROVIDE 8" DEEP BY BLOCK THICKNESS WIDE BOND BEAM REINFORCED w/ (2) - #5 BARS CONT. @ THE TOP COURSE OF ALL MASONRY WALLS.

UPPER LEVEL FLOOR FRAMING NOTES:

1. TOP OF FINISHED FLOOR ELEVATION IS (+)15' - 4" A.F.F.

2. TOP OF BEAM ELEVATION = (+)14'-11" A.F.F. - TYPICAL UNLESS NOTED OTHERWISE.

3. THE UPPER LEVEL FLOOR SLAB ON METAL DECK SHALL BE 5" THICK 3000-PSI NORMAL WEIGHT CONCRETE SLAB ON 2" TYPE VLI GALVANIZED DECK WITH THE FOLLOWING MINIMUM PROPERTIES:
- THICKNESS = .0358" (20 GA)
- F_y = 50 KSI
- I_p = 0.409 in^4/ft
- I_n = 0.406 in^4/ft
- S_p = 0.341 in^3/ft
- S_n = 0.346 in^3/ft

REINFORCE SLAB WITH 6x6-W1.4/W1.4 WWF AT CENTER OF SLAB THICKNESS. ATTACH METAL DECK TO SUPPORTS WITH 5/8" PUDDLE WELDS IN A 36/4 PATTERN WITH (4) SIDELAPS FASTENER PER SPAN.

4. PROVIDE L5x3 1/2x1/4 (LLV) EDGE ANGLE AT ALL SLAB EDGES AND OPENINGS. ANCHOR ANGLE TO WALL WHERE INDICATED IN SECTION DETAILS.

5. STAIR FRAMING SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH REFERENCED CODE. REFER TO ARCHITECTURAL DRAWINGS FOR STAIR DETAILS AND DIMENSIONS.

6. METAL PAN STAIRS SHALL BE DESIGNED BY FABRICATOR FOR 100 PSF LIVE LOAD.

7. COORDINATE FLOOR CHASE DIMENSIONS AND LOCATIONS WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

8. AISC SHEAR CONNECTIONS AT COMPOSITE BEAMS SHALL BE DESIGNED FOR THE FACTORED REACTIONS WHERE INDICATED ON PLANS (COMPOSITE BEAMS WITH NO REACTIONS SHALL BE DESIGNED FOR A 6-KIP MINIMUM REACTION). SEE GENERAL NOTES FOR FURTHER CONNECTION DESIGN INFORMATION AND DETAIL 2/S4.2.

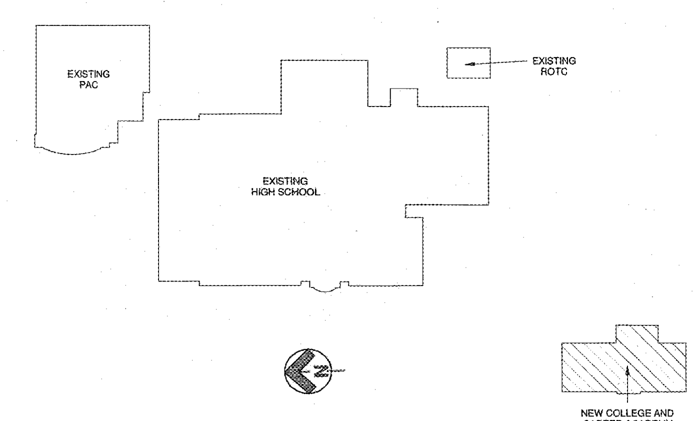
9. A NUMBER (#) AFTER BEAM DESIGNATION INDICATES THE REQUIRED NUMBER OF 3/4" DIAMETER X 4" LONG HEADED STUDS - SEE 6/S4.1 & 9/S4.1 FOR ADDITIONAL INFORMATION.

10. NO CONDUIT OR PIPE OF ANY TYPE SHALL BE LOCATED IN SLAB ON METAL DECK.

11. SEE 7/S4.1 & 8/S4.1 FOR CONSTRUCTION JOINT DETAILS IN COMPOSITE SLAB. LOCATIONS SHALL BE PROVIDED TO ENGINEER FOR APPROVAL PRIOR TO PLACING SLAB.

12. REINFORCE ALL EXTERIOR WALLS WITH #5 BARS VERTICAL AT 48" O.C. U.N.O. (REFER DETAILS 2 & 4/S4.1) - ALL INTERIOR WALLS NOTED AS SHEAR WALLS (SW - #) SHALL BE REINFORCED PER DETAIL 10/S4.1.

13. ▆▆ DENOTES CMU PIER. SEE 10/S3.1 FOR DETAILS.
14. (DR) DENOTES DOUBLE ROWS OF STUDS.



KEY PLAN

ROBERTSON LOIA ROOF
ARCHITECTS ENGINEERS
3460 Preston Ridge Road, Suite 275 . Alpharetta, GA. 30005
770.674.2600 / www.rlr.com

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 25834 ALFRED P. MCPETERS 5/7/18

(Facility No. 642-0198)

Dawson County
College and Career Academy
Dawsonville, Georgia
FOR:
Dawson County Schools
Overall Squarefootage = 35,800 SF
FTE = 1625
IUs = 74 (Existing) + 11 (New) = 85 IUs

REVISIONS

SHEET TITLE
2ND FLOOR FRAMING PLAN

DATE
05-07-2018

PROJECT NUMBER
17-303

SHEET NUMBER
S2.1