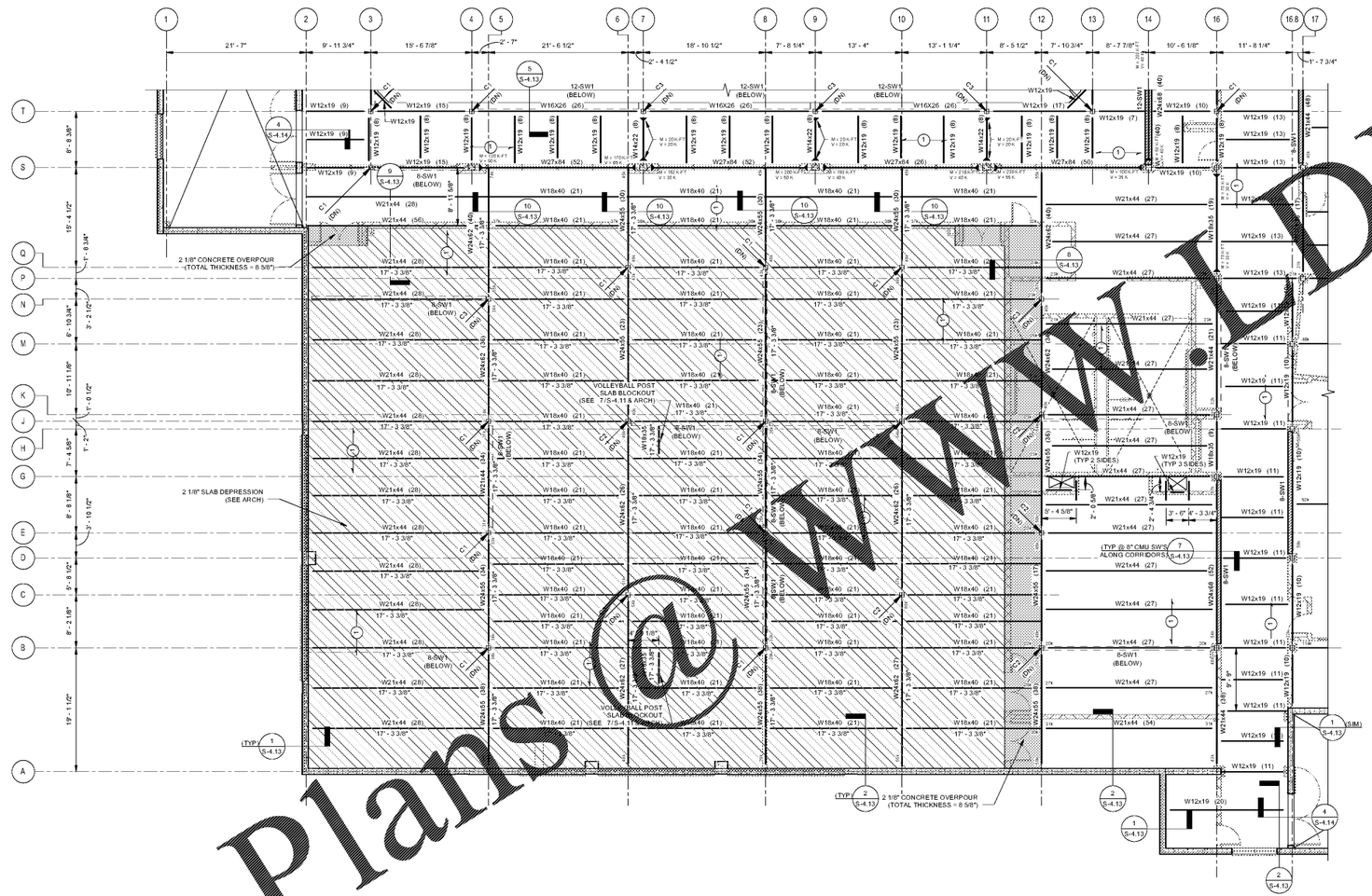


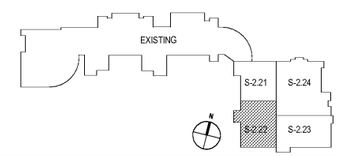
LEVEL 100 FLOOR FRAMING PLAN - PART 2

1 S-2.22

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

FLOOR FRAMING PLAN NOTES:

1. DENOTES 4 1/2" NORMAL WEIGHT CONCRETE ON 2"-20 GAUGE COMPOSITE METAL DECK (TOTAL THICKNESS = 6 1/2") W/ WWR 6x6-W2.1xW2.1 IN FLAT SHEETS AT MID-DEPTH OF SLAB.
   T/SLAB = (+) 18'-0"
   MINIMUM DECK PROPERTIES:
   Ip = 0.409 IN^4/FT
   In = 0.405 IN^4/FT
   Sp = 0.341 IN^3/FT
   Sn = 0.346 IN^3/FT
2. STEEL = (+) 17' - 5 1/2" (UNLESS NOTED OTHERWISE)
3. (#) DENOTES QUANTITY OF 3/4" DIA x 4" LG HCA WELDED TO TOP FLANGE OF STEEL BEAM.
4. c = x" DENOTES THE AMOUNT OF CAMBER ON THE BEAM OR GIRDER.
5. FOR TYPICAL COMPOSITE FLOOR BEAM SEE DETAIL 4/S-4.11
6. FOR TYPICAL COMPOSITE FLOOR GIRDER SEE DETAIL 5/S-4.11
7. GC SHALL VERIFY ALL OPENING DIMENSIONS WITH MECHANICAL.
8. "xx kip" AT END OF BEAMS DENOTE MINIMUM UNFACTORED (ASD) REACTIONS FOR CONNECTION DESIGN. IF REACTION IS NOT SHOWN, DESIGN FOR 20 K.
9. FOR SLAB REINFORCING AT FLOOR OPENINGS SEE 2/S-4.11 FOR OPENINGS < = 2'-0" WIDE & FOR OPENINGS > = 2'-0" WIDE.
10. : DENOTES MOMENT CONNECTION. FABRICATOR SHALL SUBMIT MOMENT CONNECTION CALCULATIONS, SIGNED & SEALED BY A LICENSED DESIGN PROFESSIONAL, WITH SHOP DRAWINGS. CONNECTIONS SHALL BE DESIGNED FOR FORCES INDICATED ON PLAN AND IN ELEVATIONS. (SEE NOTE 15). (SEE REFERENCE DETAILS 7/S-5.11 & 8/S-5.11). IF MOMENT AND SHEAR LOADS NOT SHOWN ON PLANS, DESIGN FOR LOADS SHOWN BELOW:
    MOMENT: 20 K-FT
    SHEAR: 20 K
11. "CB" DENOTES 4' - 0" LG (MIN) COL BRACE, L4x4x3/8 @ JOIST SPA LESS THAN 6' - 0", L5x5x3/8 @ JOISTS SPA GREATER THAN 6' - 0". WELD BRACE TO COL CAP PL & TOP CHORD OF JOIST OR TOP FLANGE OF BEAM W/ 3/16" FILLET WELD x 2"LG. USE (2) - ANGLES @ T-SHAPED AREAS. WELD DECK TO EA ABGLE W/ 3/4" PUDDLE WELDS @ 6" OC. LOCATE @ ALL COL'S W/ FRAMING CONN IN ONLY (1) - DIRECTION.
12. FOR TYPICAL COMPOSITE SLAB CONSTRUCTION JOINT SEE 1/S-4.11
13. SLOTTED HOLES @ BEAM END CONNECTIONS ARE NOT ALLOWED FOR BEAMS ASSOCIATED W/ A BRACE OR MOMENT FRAME, OR NOTED WITH A REQUIRED AXIAL CONNECTION FORCE, UNLESS NOTED OTHERWISE.
14. TRANSFER BEAMS SUPPORTING COL-UPS ARE NOT DESIGNED TO SUPPORT LOAD BELOW SLAB OR ROOF ABOVE SLAB PRIOR TO SLAB POUR @ THIS LEVEL. ELEVATED SLABS SHALL BE POURED STARTING @ THE LOWEST LEVEL & PROGRESSING UP BY LEVEL. ROOFS SHALL NOT BE LOADED PRIOR TO THE ELEVATED SLAB @ TRANSFER BEAMS BEING POURED & CURED TO FULL STRENGTH.
15. DENOTES: CMUSHEAR WALL (SEE S-3.31). SW#
16. FOR BRACING @ TOP OF INT CMU PARTITION WALLS ON ELEV SLAB SEE DETAILS 4/S-5.12 & 5/S-5.12 & 1/S-5.13 . INT CMU PARTITIONS ON ELEV SLABS SHALL BE REINF W/ #5 @ 48" (TYP UNO). VERT DOWELS SHALL BE DRILLED & EPOXIED 3" INTO ELEVATED SLAB.
17. AT NOISE CRITICAL SPACES, CMU WALLS SHALL BE GROUTED SOLID. SEE ARCH FOR NOISE CRITICAL CMU WALL LOCATIONS AND EXTENTS.
18. DENOTES BEAM SPLICE. SEE 11/S-5.11 FOR TYP BEAM SPLICE CONN. S P
19. UNO ON PLAN, BEAMS SHALL BE SPACED EQUALLY WITHIN BAYS.
20. AT THE TOP OF INTERIOR GLAZING, PROVIDE CFSF HEADER TO BE HUNG DOWN FROM AND KICKED BACK OF TO STRUCUTE ABOVE. SEE ARCH FOR LOCATIONS.



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GEORGIA REGISTERED No. 030052 PROFESSIONAL ENGINEER KEITH B. SWINDLE
11/01/2018

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06/19/18		50% CONSTRUCTION DOCUMENTS
09/17/18		CODE CHECK-SES/ PCMGT SET
10/10/18		FINAL CCOC SUBMITTAL
11/01/18		ISSUED FOR PROPOSALS

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RIVERWOOD HIGH SCHOOL - PHASE 3 - AUDITORIUM/GYMNASIUM ADDITION
5900 RAIDER DRIVE NW SANDY SPRINGS, GA 30328
FULTON COUNTY SCHOOLS RFP NO. XXX-XX

SHEET TITLE: LEVEL 100 FLOOR FRAMING PLAN - PART 2

PROJECT NO.: 0217302.00
DATE: 09/17/18
DRAWN BY: RAS
CHECKED BY: ACS

SHEET NO.: S-2.22