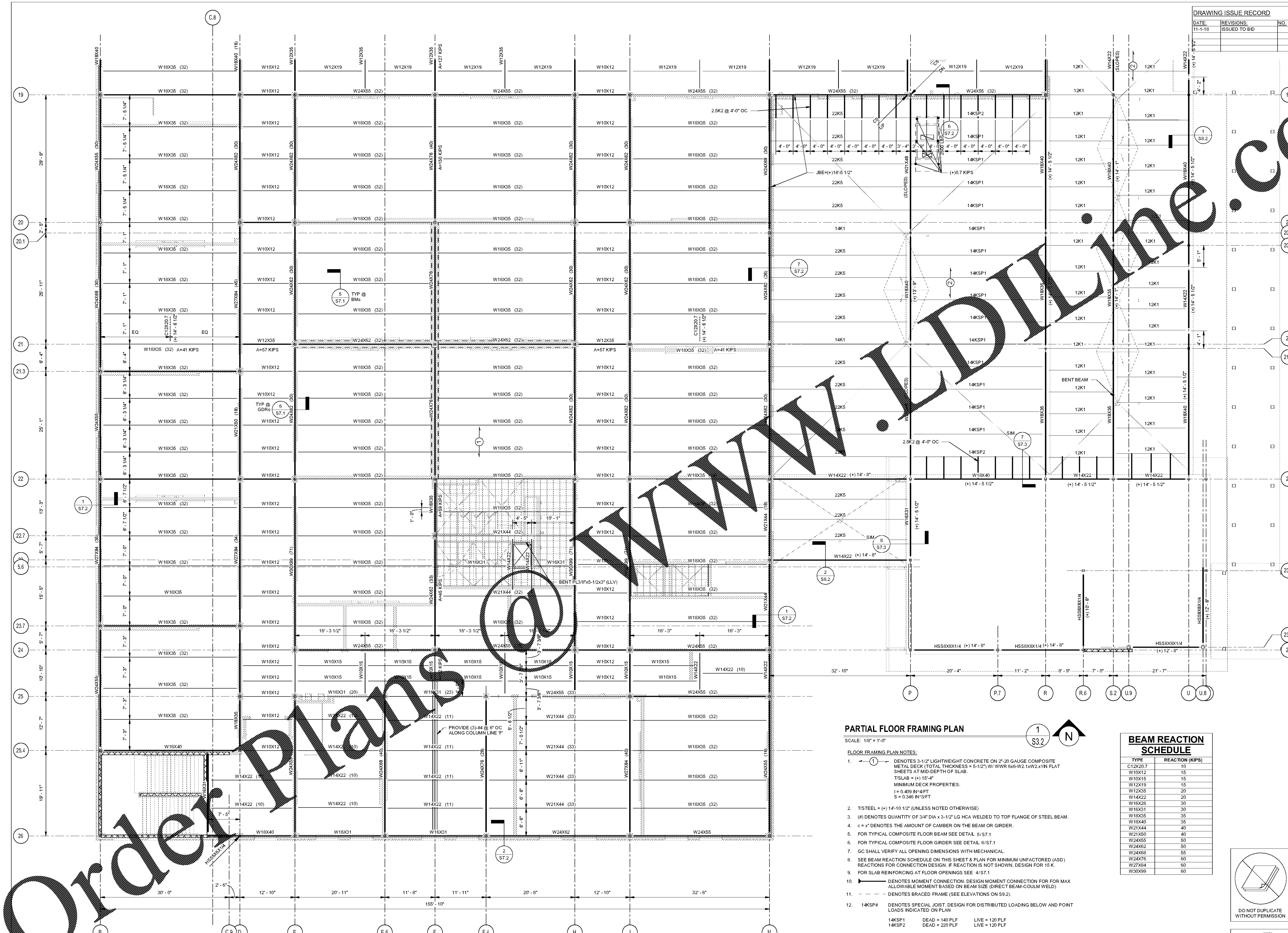

PARTIAL FLOOR FRAMING PLAN

1 / S3.2

N

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

FLOOR FRAMING PLAN NOTES:

1. —(1)— DENOTES 3-1/2" LIGHTWEIGHT CONCRETE ON 2"-20 GAUGE COMPOSITE METAL DECK (TOTAL THICKNESS = 5-1/2") W/ WWR 6x6-W2.1xW2.x1IN FLAT SHEETS AT MID-DEPTH OF SLAB.
   T/SLAB = (+) 15'-4"
   MINIMUM DECK PROPERTIES:
   I = 0.409 IN^4/FT
   S = 0.346 IN^3/FT
2. T/STEEL = (+) 14'-10 1/2" (UNLESS NOTED OTHERWISE)
3. (#) DENOTES QUANTITY OF 3/4" DIA x 3-1/2" 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 5/S7.1
6. FOR TYPICAL COMPOSITE FLOOR GIRDER SEE DETAIL 6/S7.1
7. GC SHALL VERIFY ALL OPENING DIMENSIONS WITH MECHANICAL.
8. SEE BEAM REACTION SCHEDULE ON THIS SHEET & PLAN FOR MINIMUM UNFACTORED (ASD) REACTIONS FOR CONNECTION DESIGN. IF REACTION IS NOT SHOWN, DESIGN FOR 15 K.
9. FOR SLAB REINFORCING AT FLOOR OPENINGS SEE 4/S7.1
10. DENOTES MOMENT CONNECTION. DESIGN MOMENT CONNECTION FOR FOR MAX ALLOWABLE MOMENT BASED ON BEAM SIZE (DIRECT BEAM-COULM WELD)
11. — — — DENOTES BRACED FRAME (SEE ELEVATIONS ON S9.2).
12. 14KSP# DENOTES SPECIAL JOIST. DESIGN FOR DISTRIBUTED LOADING BELOW AND POINT LOADS INDICATED ON PLAN

14KSP1	DEAD = 140 PLF	LIVE = 120 PLF
14KSP2	DEAD = 220 PLF	LIVE = 120 PLF

BEAM REACTION SCHEDULE

TYPE	REACTION (KIPS)
C12X20.7	10
W10X12	15
W10X15	15
W12X19	15
W12X35	20
W14X22	20
W16X26	30
W16X31	30
W18X35	35
W18X40	35
W21X44	40
W21X50	40
W24X55	50
W24X62	50
W24X68	55
W24X76	60
W27X84	60
W30X99	60

DO NOT DUPLICATE WITHOUT PERMISSION

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GEORGIA REGISTERED PROFESSIONAL ENGINEER 15724 ROBERT M. STONE

11/01/2018

DRAWING ISSUE RECORD

DATE:	REVISIONS:	NO.
11-1-18	ISSUED TO BID	

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FOR COBB COUNTY SCHOOL DISTRICT
COBB COUNTY, GA
CCSD PROJECT No. A004 / DOE FACILITY CODE 0004

JOB NO.	DATE	DWG. BY	CK. BY
SHL-D02-18	JULY 16, 2018	TJL	RMS

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S3.2

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