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NO.	DESCRIPTION	DATE

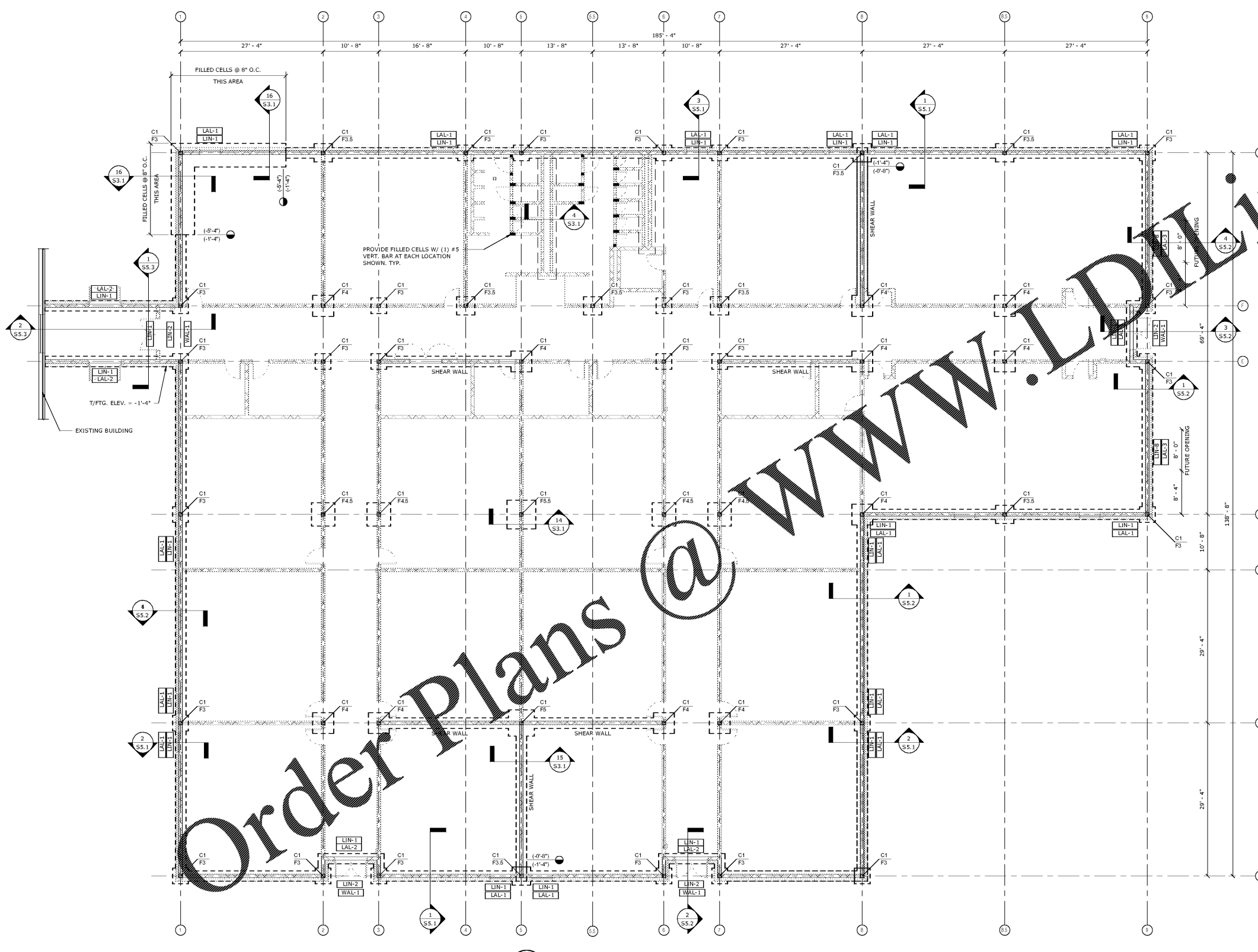
**RUSSOM ELEMENTARY SCHOOL
 ADDITION
 44 RUSSOM ELEMENTARY SCHOOL LANE
 DALLAS, GA 30132
 (FACILITY CODE: 710-0204)**

PAULDING COUNTY SCHOOLS

FOUNDATION PLAN

DATE: 03/06/2020
 PROJECT NO.: 19117

S2.1



COLUMN FOOTING SCHEDULE
 3,000 P.S.F. SOIL BEARING CAPACITY

MARK	AREA	THICKNESS	REINFORCEMENT
F3	3'-0" SQUARE	1'-0"	4-#4 BARS X 2'-6" E.W.
F3.5	3'-6" SQUARE	1'-0"	5-#4 BARS X 3'-0" E.W.
F4	4'-0" SQUARE	1'-0"	5-#4 BARS X 3'-6" E.W.
F4.5	4'-6" SQUARE	1'-0"	4-#5 BARS X 4'-0" E.W.
F5	5'-0" SQUARE	1'-0"	5-#5 BARS X 4'-6" E.W.
F5.5	5'-6" SQUARE	1'-1"	6-#5 BARS X 5'-0" E.W.

STRUCTURAL COLUMN SCHEDULE

MARK	COLUMN	BASE PLATE AND ANCHOR BOLTS
C1	HSS8X8X1/4	3/4" x 14" x 14" & (4)-3/4" DIA. x 1'-2" LONG ASTM F1554 GR 36 THREADED ANCHOR RODS EMBED. RODS 9" INTO FOOTING

FOUNDATION NOTES:

FLOOR CONSTRUCTION: 4" THICK, 3000 P.S.I. SLAB ON GRADE w/ 6x6-W2.1xW2.1 WELDED WIRE FABRIC ON 10 MIL VAPOR BARRIER ATOP 4" OF COMPACTED CRUSHED STONE (U.N.O. ON PLANS). SEE GEOTECHNICAL REPORT FOR MORE INFORMATION.

FINISHED FLOOR ELEVATION = SEE CIVIL
 REFERENCE FLOOR ELEVATION = +0'-0"

ALL EXTERIOR TOP OF FOOTING ELEVATIONS = -1'-4" TYP, U.N.O.

ALL INTERIOR TOP OF FOOTING ELEVATIONS = -0'-8" TYP, U.N.O.

SEE ARCHITECTURAL DRAWINGS FOR FOUNDATIONS SUPPORTING EXTERIOR PREFAB CANOPIES. CANOPY DESIGN TO BE BY SPECIALTY ENGINEER NOT PROVIDED AT THIS TIME. SPECIALTY ENGINEER SHALL VERIFY FOUNDATION SIZE DETAILED ON ARCHITECTURAL DRAWINGS BASED UPON ACTUAL LOADS DURING SHOP DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR LOCATION / CANOPY LAYOUT.

THICKNESS OF SLAB ON GRADE TO BE 4" MIN. ALL SLOPES TO DRAINS SHALL BE ACCOMMODATED BY DEPRESSED SLAB OR BY SLOPING BOTTOM AND TOP SLAB AT SAME RATE.

- INDICATES DEPRESSED SLAB

CONTROL JOINTS ARE NOT SHOWN ON PLAN. SEE SHEET S3.1 AND CONCRETE NOTE #3 IN THE GENERAL NOTES FOR DETAILS AND SPACING CRITERIA.

SHEAR WALL - SEE SHEET S4.2 FOR SHEAR WALL DETAILS/REINFORCING

LIN-X - INDICATES LINTEL BEAM; SEE SHEET S3.2 FOR LINTEL SCHEDULE

INTERIOR WALLS GREATER THAN 12FT IN HEIGHT SHALL HAVE (1)-#3 BAR AND RMG AT 56" O.C. MAX. IN ADDITION TO THE REINFORCEMENT SPECIFIED IN NOTE #5 OF THE MASONRY NOTES ON SHEET S1.0 (UTILIZING #3 BARS AT INTERIOR CONDITIONS).

CONTRACTOR OPTION TO PROVIDE CONCRETE PIER FOR COLUMNS -2'-0" AND GREATER BELOW FINISHED FLOOR. CONCRETE PIERS TO BE 18"x18" REINF/ W/ 4-#6 VERTICAL BARS & #3 TIES AT 8" O.C. T/PIER ELEV. = -1'-4" BELOW FINISHED FLOOR ELEVATION.

1 PARTIAL FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"

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