

STRUCTURAL FOUNDATION SCHEDULE			
MARK	SIZE	THICK	REINFORCEMENT
F48	4'-0" x 4'-0"	1'-0"	(4) #5 E.W. (BOT)
F48*	4'-0" x 4'-0"	1'-2"	(5) #5 E.W. (BOT)
F72x136	6'-0" x 11'-4"	1'-2"	#6 @ 12" E.W. (BOT)
F78	6'-6" x 6'-6"	1'-2"	(6) #6 E.W. (BOT)
F96	8'-0" x 8'-0"	1'-4"	(8) #6 E.W. (BOT)
W24	2'-0" (CONT.)	1'-0"	(3) #4 CONT. (BOT) W/ #4 TRANS @ 18" O/C (BOT)
W36	3'-0" (CONT.)	1'-0"	(3) #5 CONT. (BOT) W/ #4 TRANS @ 12" O/C (BOT)
W48	4'-0" (CONT.)	1'-4"	(4) #5 CONT. (BOT) W/ #4 TRANS @ 12" O/C (BOT)
W48*	4'-0" (CONT.)	1'-4"	(4) #5 CONT. (TOP & BOT) W/ #4 (T2) TIES @ 12" O/C

- FOUNDATION PLAN NOTES:**
- REFER TO S-0001 THRU S-0003 FOR GENERAL NOTES.
 - REFER TO G-0003 FOR OVERALL SITE KEY PLAN AND PROCESS AREA LOCATIONS
 - ALL SLAB ON GRADE SHALL CONFORM TO AN 8" THICK SLAB, REINFORCED W/ #5 @ 12" O/C EACH WAY (PLACED 2" FROM TOP) OVER A 10MIL VAPOR BARRIER & 6" CRUSHED STONE, U.N.O.
 - TOP OF FOUNDATION ELEVATIONS SHALL BE (-2'-0") AFF. U.N.O.
 - FOUNDATIONS FOR CHEM FEED OPERATIONS ARE BASED ON AN ALLOWABLE BEARING PRESSURE OF 3000 PSF.
 - REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY WALL LAYOUT
 - PROVIDE TPER WATERSTOPS FOR ALL LIQUID CONTAINING AREAS, U.N.O.

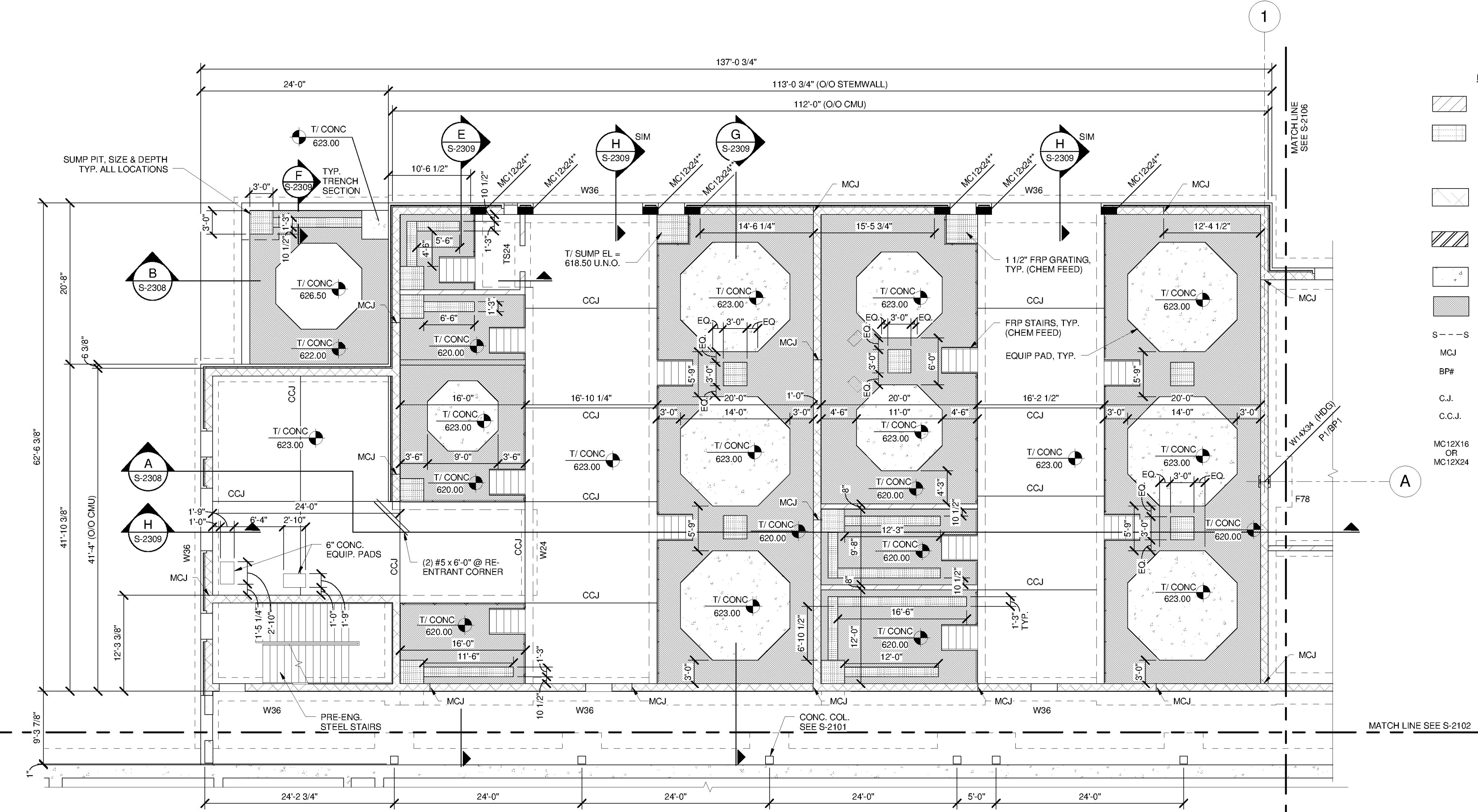
- LEGEND**
- INDICATES 8" CMU W/ #6 VERT. CTRD IN GROUT FILLED CELLS @ 32" O.C. MAX., CORNERS, AND INTERSECTIONS U.N.O.
 - INDICATES 12" SOUND BLOCK (8" STRUCT. 4" ACQOUST.) W/ #6 VERT. CTRD IN GROUT FILLED CELLS @ 32" O.C. MAX., CORNERS, AND INTERSECTIONS U.N.O. OPENING < 4'-0" SHALL RECEIVE (2) # 6 EA. SIDE. OPENINGS > 4'-0" SHALL BE REINFORCED AS SHOWN ON PLANS; REFER TO S-9505 FOR DETAILS.
 - INDICATES 12" CMU W/ #6 VERT. CTRD IN GROUT FILLED CELLS @ 24" O.C. MAX., CORNERS, AND INTERSECTIONS U.N.O.; OPENING < 4'-0" SHALL RECEIVE (2) # 6 EA. SIDE. REFER TO CMU DETAILS ON SHEET S-9505.
 - INDICATES 12" CMU W/ #6 VERT. CTRD IN GROUT FILLED CELLS @ 8" O.C. MAX. REFER TO CMU DETAILS ON SHEET S-9505.
 - EQUIPMENT PAD. REFER TO 1/S-9504 & 2/S-9504 FOR TYPICAL DETAILS.
 - 12" THICK SLAB, REINFORCED W/ #4 @ 12" O/C EACH WAY (TOP & BOTTOM) OVER A 10MIL VAPOR BARRIER & 6" OF CRUSHED STONE, U.N.O.
 - S DENOTES STEPPED FOOTING. SEE 8/S-9502
 - MCJ INDICATES CMU CONTROL JOINT
 - BP# INDICATES COLUMN BASE PLATE TYPE. REFER TO 5/S-9506 FOR DETAILS.
 - C.J. INDICATES CONSTRUCTION JOINT
 - C.C.J. INDICATES CRACK CONTROL JOINT. REFER TO S-9000'S FOR TYPICAL DETAILS.
 - MC12X16 OR MC12X24 INDICATES MASONRY COLUMN (WIDTH BY LENGTH). REFER TO DETAIL 4/S-9505 FOR REINFORCING DETAILS. (*) INDICATED MASONRY COLUMN SPAN FROM GROUND FLOOR TO 2ND FLOOR (**) INDICATES CONTINUOUS MASONRY COLUMN SPAN FROM GND FLOOR TO ROOF, SPLICE VERTICAL REINFORCING AT 1/3 SPAN LOCATION ONLY.

TETRA TECH

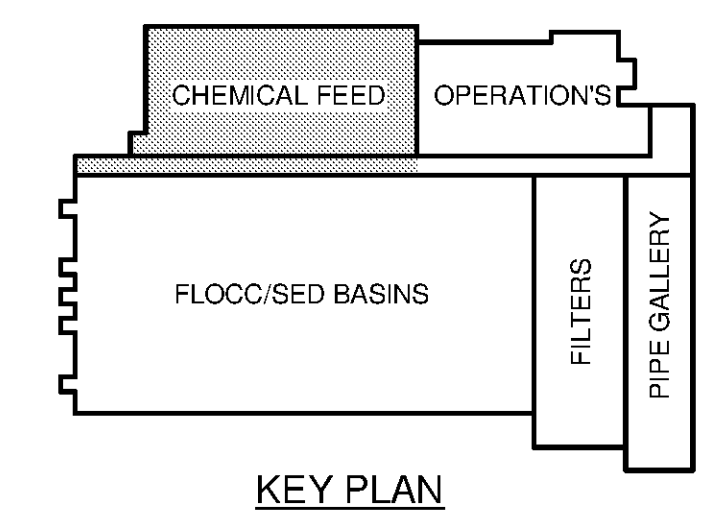
101 QUALITY CIRCLE, SUITE 140
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BID SET

ALABAMA
LICENSED PROFESSIONAL ENGINEER
No. 35103-E
Professional Seal
10/24/17



CHEMICAL FEED BLDG. FOUNDATION/SLAB PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN
0 4'-0" 8'-0" 16'-0"
SCALE: 1/8" = 1'-0"

MARK	DATE	DESCRIPTION	BY

HUNTSVILLE UTILITIES
SOUTHEAST WATER TREATMENT PLANT
**MAIN PROCESS BUILDING
CHEMICAL FEED
FOUNDATION PLAN**

Project No.: 200-11740-10003
Designed By: JLB
Drawn By: BRF
Checked By: CDC

S-2109