PHASE 4

PHASE 3

PHASE 3

PHASE 3

PHASE 3

SEE ENLARGED SITE PLAN SHEETS E-0102 THRU E-0106 FOR YARD PIPING AND DUCT BANK COORDINATION

SECTION A
SEE SHEET E-0102 FOR ENLARGED SITE PLAN

SECTION B
SEE SHEET E-0103 FOR ENLARGED SITE PLAN

SECTION C
SEE SHEET E-0104 FOR ENLARGED SITE PLAN

SECTION D
SEE SHEET E-0105 FOR ENLARGED SITE PLAN

SECTION E
SEE SHEET E-0106 FOR ENLARGED SITE PLAN

SECTION F
SEE SHEET E-0106 FOR ENLARGED SITE PLAN

PHASE 2

PHASE 2

PHASE 2

PHASE 2

PHASE 2

PHASE 2

PHASE 2

MHS-100
MHP-100
150KW GENERATOR #5
GEN
PP-B2
LP-B2
LP-B3
ELP-1
EPP-1
PP-B3
LP-B5
ELP-2
MCC-B1
MCC-B2
MCC-B2A
MCC-B1A
PP-B2
LP-B1
PAD MOUNTED TRANSFORMER #7
MHS-50
MHP-50
SSP#1 E-0105
LP-A2
PP-A2
MHS-60
MHP-60
HH-63
HH-61
HH-62
HH-41 (USE FOR LIGHTING CIRCUITS)
WTP-PP-3A
WTP-PP-3B
PP-A3
LP-A3
MHS-40
MHP-40
MHS-70
MHP-70
MHS-80
MHP-80
COORDINATE EXACT LOCATION WITH POWER COMPANY. POWER COMPANY TO TERMINATE WIRE IN SWITCH YARD
ELECTRICAL ROOM
HH-01
MHS-10
MHP-10
MVSG-D
BUS DUCT
MCC-A1 & A2
TRANSFORMER #3
MHS-30
MHP-30
MHS-20
MHP-20
MHS-90
MHP-90

STRUCTURE LEGEND

1	FLOCCULATION / SEDIMENTATION BASINS
2	FILTERS
3	CARBON CONTACTORS
4	SLUDGE THICKENER
5	THICKENED SLUDGE / RECYCLE PUMP STATION
6	WASHWATER RECOVERY BASIN
7	FINISHED WATER STORAGE BASIN
8	FINISHED WATER PUMP STATION
9	CONTROL / CHEMICAL BUILDING
10	SLUDGE DRYING BEDS
11	SLUDGE FILTRATE PUMP STATION
12	GENERATOR BUILDING
13	ELEVATED WASHWATER STORAGE TANK
14	ELECTRIC SUBSTATION
15	BLOWER ROOM
16	ON-SITE SEWAGE TREATMENT AND DISPOSAL
17	PRE-TREATMENT STATIC MIXER
18	POST-TREATMENT STATIC MIXER

N

0 20' 40' 80'

SCALE: 1:40_XREF_XREF

TETRA TECH
www.tetratech.com
101 QUALITY CIRCLE, SUITE 140
HUNTSVILLE, ALABAMA 35806
PHONE: (256) 424-4077 FAX: (256) 424-4097

BID SET

ALABAMA LICENSED No. 21939 PROFESSIONAL ENGINEER ANDREW SUMMERS

MARK	DATE	DESCRIPTION	BY

HUNTSVILLE UTILITIES
SOUTHEAST WATER TREATMENT PLANT

ELECTRICAL PLAN - SITE

Project No.:	200-11740-10003
Designed By:	CSW
Drawn By:	TAC
Checked By:	DAB

E-0101

Copyright: Tetra Tech

Bar Measures 1 inch

10/17/2014 10:49:53 AM - P:\HER\11740\200 11740-10003\CAD\SHEETFILES\TREATMENT PLANT\WTP-E-0101 OVERALL ELECTRICAL SITE PLAN.DWG - CALZARETTA, TIMOTHY