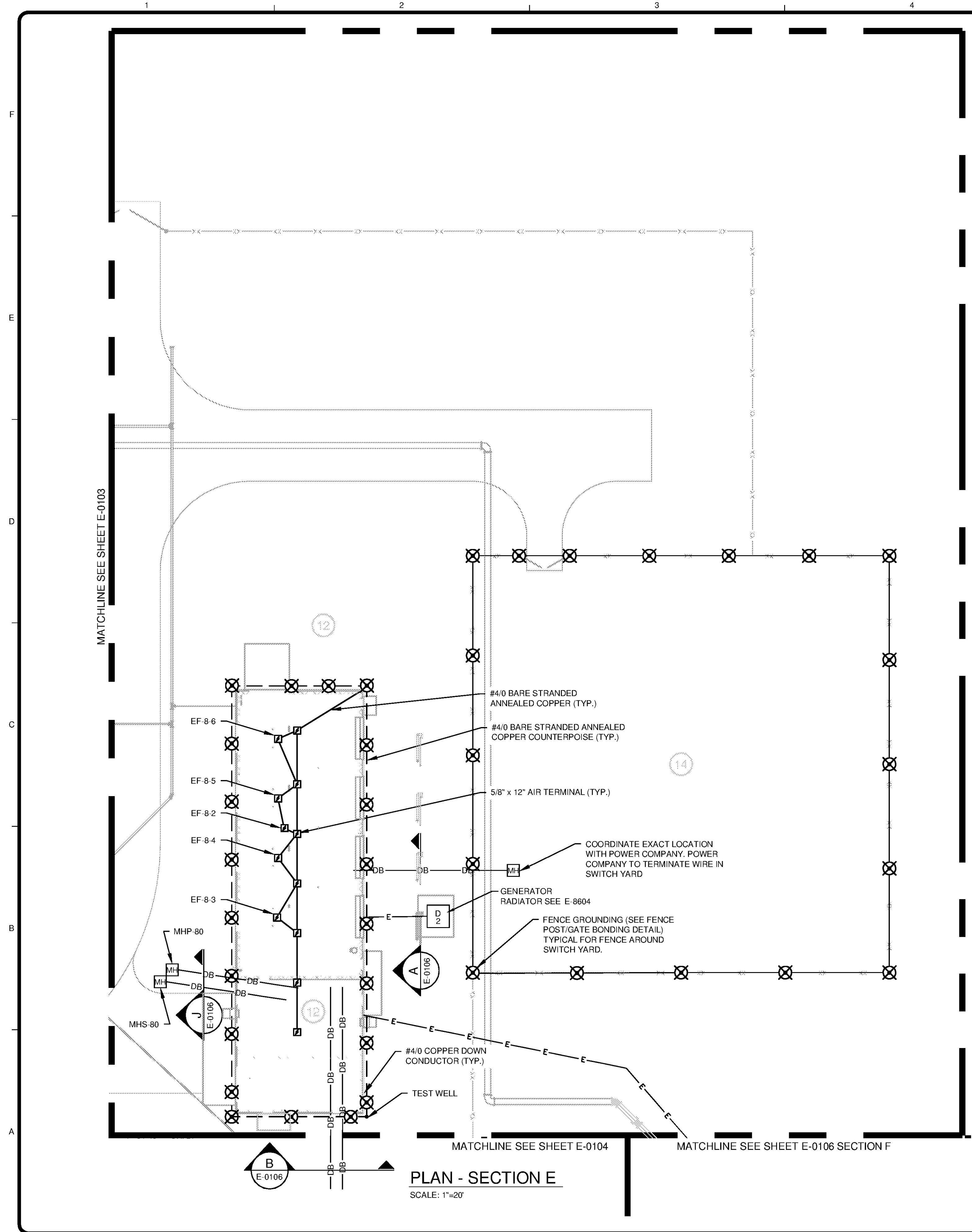
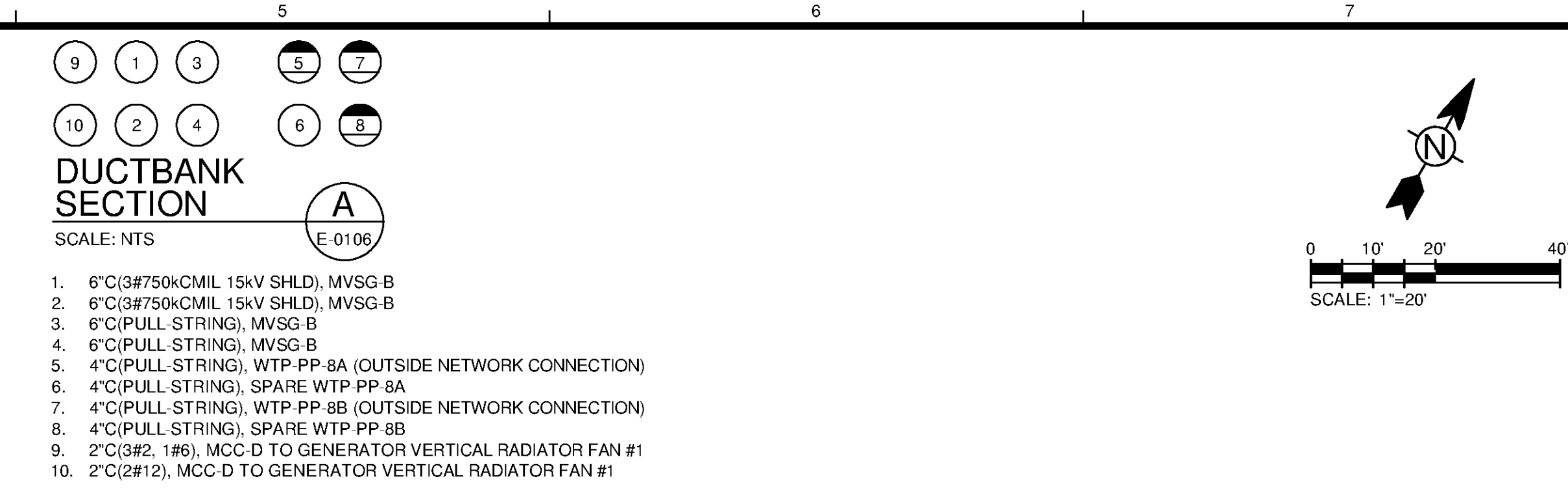


10/17/2014 10:51:22 AM - P:\IER11740\200-11740-10003\CAD\SHEETFILES\TREATMENT PLANT\WTP-E-0106 ELECTRICAL SITE PLAN SECTIONS.DWG - CALZARETTA, TIMOTHY

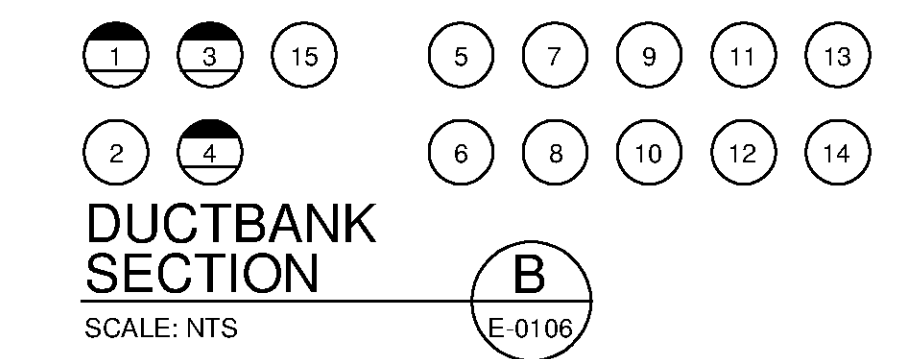


PLAN - SECTION E
SCALE: 1"=20'



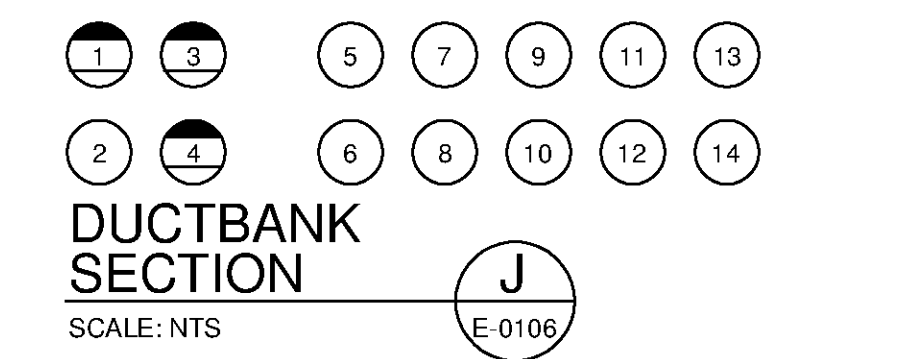
DUCTBANK SECTION A
SCALE: NTS

1. 6"C(3#750kCMIL 15kV SHLD), MVSG-B
2. 6"C(3#750kCMIL 15kV SHLD), MVSG-B
3. 6"C(PULL STRING), MVSG-B
4. 6"C(PULL STRING), MVSG-B
5. 4"C(PULL STRING), WTP-PP-8A (OUTSIDE NETWORK CONNECTION)
6. 4"C(PULL STRING), SPARE WTP-PP-8A
7. 4"C(PULL STRING), WTP-PP-8B (OUTSIDE NETWORK CONNECTION)
8. 4"C(PULL STRING), SPARE WTP-PP-8B
9. 2"C(3#2, 1#6), MCC-D TO GENERATOR VERTICAL RADIATOR FAN #1
10. 2"C(2#12), MCC-D TO GENERATOR VERTICAL RADIATOR FAN #1



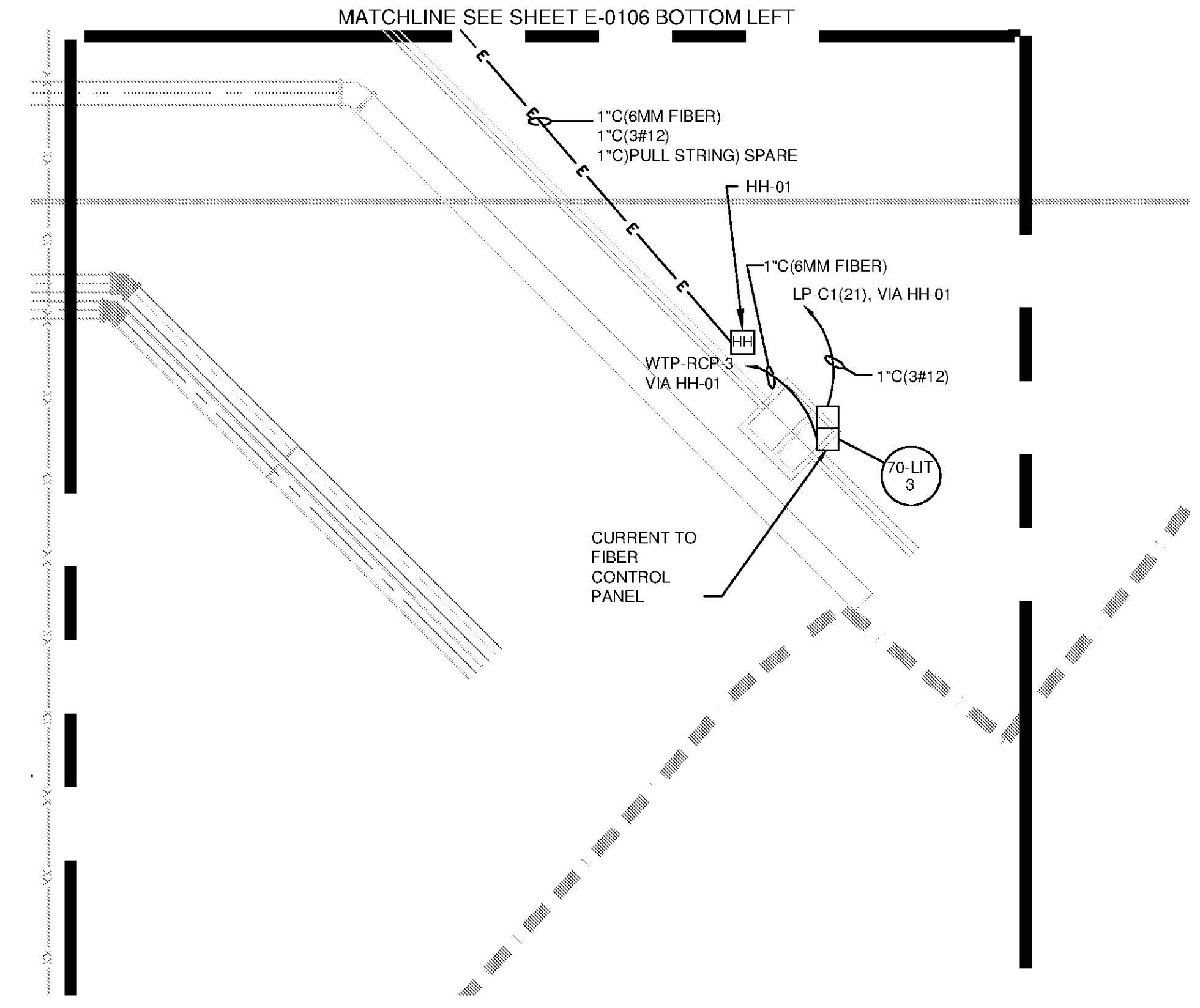
DUCTBANK SECTION B
SCALE: NTS

1. 4"C(72-STRAND MM FIBER), WTP-PP-8A TO WTP-PP-2C
2. 4"C(48-STRAND MM FIBER), WTP-PP-3B TO WTP-PP-2B
3. 4"C(PULL STRING), SPARE
4. 4"C(PULL STRING), SPARE
5. 6"C(3#500kCMIL 15kV SHLD, 1#2/0), MVSG-B TO XFMR #3
6. 6"C(3#500kCMIL 15kV SHLD, 1#2/0), MVSG-B TO XFMR #3
7. 6"C(3#500kCMIL 15kV SHLD, 1#2/0), MVSG-B TO XFMR #3
8. 6"C(3#750kCMIL SHLD, 1#1), XFMR #1
9. 6"C(PULL STRING), SPARE MVSG-B TO XFMR #4
10. 6"C(PULL STRING), SPARE MVSG-B TO XFMR #4
11. 6"C(PULL STRING), SPARE MVSG-B TO XFMR #4
12. 6"C(PULL STRING), SPARE XFMR #2
13. 4"C(6#6, 5kV, 2#10), MVSG-D TO XFMR #9 & 10
14. 4"C(PULL STRING), SPARE
15. 4"C(12-STRAND SM FIBER), FACP NODE 2 TO FACP NODE 1



DUCTBANK SECTION J
SCALE: NTS

1. 4"C(PULL STRING), SPARE
2. 4"C(PULL STRING), SPARE
3. 4"C(PULL STRING), SPARE
4. 4"C(PULL STRING), SPARE
5. 6"C(PULL STRING), SPARE
6. 6"C(PULL STRING), SPARE
7. 6"C(PULL STRING), SPARE
8. 6"C(PULL STRING), SPARE
9. 6"C(PULL STRING), SPARE
10. 6"C(PULL STRING), SPARE
11. 6"C(PULL STRING), SPARE
12. 6"C(PULL STRING), SPARE
13. 4"C(PULL STRING), SPARE
14. 4"C(PULL STRING), SPARE



PLAN - SECTION F
SCALE: 1"=20'

NOTE:
1. PROVIDE 24" SEPARATION BETWEEN POWER AND CONTROLS/INSTRUMENTATION CONDUITS.

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BID SET
ALABAMA PROFESSIONAL ENGINEERS
No. 21938
PROFESSIONAL
10/25/11
TIMOTHY CALZARETTA
REGISTERED PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION

HUNTSVILLE UTILITIES
SOUTHEAST WATER TREATMENT PLANT
ELECTRICAL PLAN -
SITE SECTION E & F

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

E-0106

Bar Measures 1 inch

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