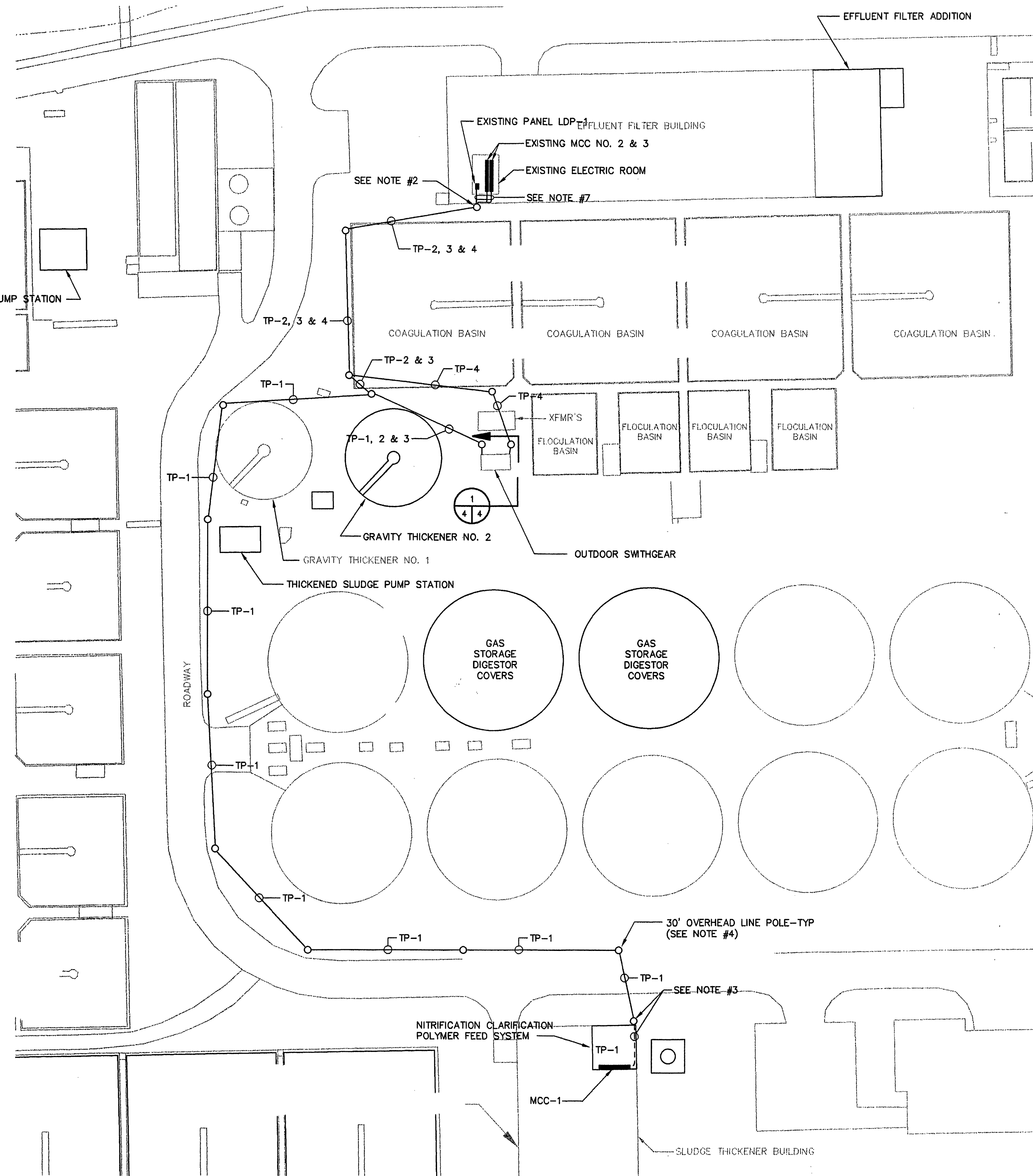
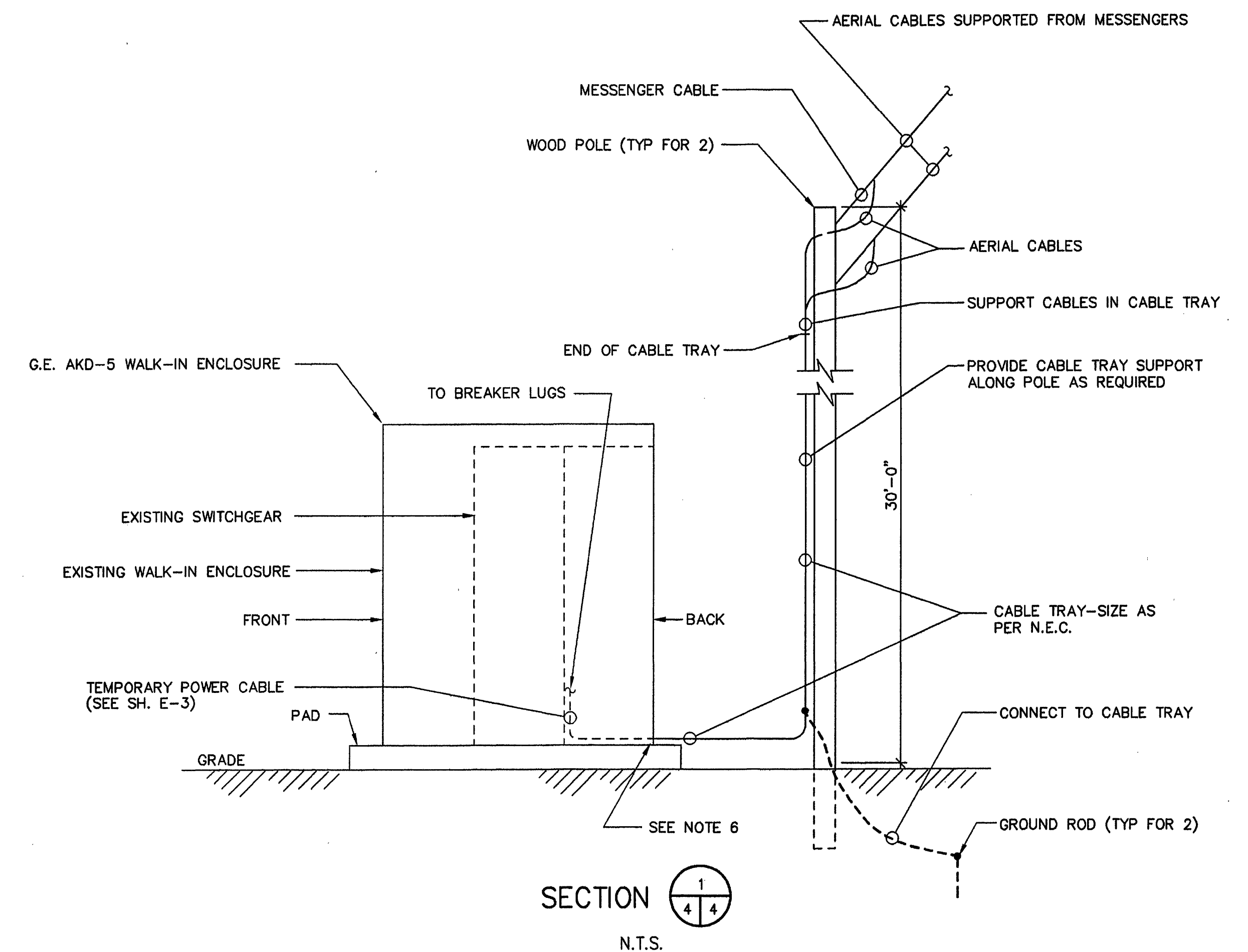


BAF INFLUENT PUMP STATION



NOTES:

1. FOR TEMPORARY POWER ONE LINE DIAGRAM SEE SHEET E-3.
2. CONTRACTOR SHALL LOCATE TEMPORARY POLE NEAR EXISTING EFFLUENT BUILDING (COORDINATE WITH FIELD CONDITIONS). INSTALL NEW NEMA 4 PULL BOX AT OUTSIDE WALL (SIZE AND SUPPORT PULL BOX AS REQUIRED) AND ROUTE AERIAL CABLE FROM POLE TO PULL BOX. IN PULL BOX SPLICE AERIAL CABLE TO INSULATED CONDUCTORS (SIZE AND QUANTITY AS SHOWN ON ONE LINE DIAGRAM, SHEET E-3). CORE DRILL THRU EXISTING WALL AND ROUTE NEW CONDUIT AND WIRES TO APPROPRIATE EQUIPMENT (CONDUIT SIZE SHOWN ON ONE-LINE DIAGRAM, SHEET E-3). AFTER PERMANENT POWER IS ESTABLISHED CONTRACTOR SHALL REMOVE TEMPORARY SYSTEM IN ACCORDANCE TO SPECIFICATION SECTION 01500, PATCH PENETRATION OPENINGS IN EFFLUENT OUTSIDE WALL.
3. CONTRACTOR SHALL LOCATE TEMPORARY POLE NEAR EXISTING SLUDGE THICKENER BUILDING (COORDINATE WITH FIELD CONDITIONS). INSTALL NEW CABLE TRAY SIZED AS PER N.E.C. AND ROUTE AERIAL CABLE FROM POLE TO MCC-1. PENETRATE THRU EXTERIOR AND INTERIOR WALLS AS REQUIRED. AFTER PERMANENT POWER IS ESTABLISHED CONTRACTOR SHALL REMOVE TEMPORARY SYSTEM IN ACCORDANCE WITH SPECIFICATION SECTION 01500, PATCH PENETRATION OPENINGS IN SLUDGE THICKENER BUILDING OUTSIDE AND INSIDE WALLS.
4. CONTRACTOR SHALL PROVIDE PINE POLE, CLASS #3, PROVIDE GUYING FOR POLES AS REQUIRED.
5. SECTION 1-4-4 IS TYPICAL FOR FEEDERS TP-1, 2, 3 & 4.
6. DRILL HOLES THRU EXISTING SWITCHGEAR ENCLOSURE FOR CONDUIT PENETRATIONS. SEAL SPACE AROUND CONDUITS. AFTER TEMPORARY POWER FEEDERS ARE REMOVED, INSTALL PERMANENT METAL PLATES COVERING HOLES IN ENCLOSURE. PAINT METAL PLATES TO MATCH EXISTING COLOR.
7. INSTALL CABLE TRAY FROM THE POLE THRU THE FILTER BUILDING WALL TO EXISTING ELECTRICAL ROOM AND THEN TO EXISTING LDP-1 AND MCC-2 & 3. SIZE CABLE TRAY AS REQUIRED BY N.E.C. PATCH ALL PENETRATION OPENINGS AFTER TEMPORARY POWER IS REMOVED.



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**MALCOLM  
PIRNIE**  
11832 Rock Landing Drive, Suite 400  
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REVISIONS				
NO.	BY	DATE	REVISIONS	REMARKS
1	ARB	JAN, 2000	RECORD DRAWING	

DES GJM/TK  
DWN GJM  
CKD FAS



CITY OF ROANOKE, VIRGINIA  
WATER POLLUTION  
CONTROL PLANT  
UPGRADE AND EXPANSION

ELECTRICAL  
TEMPORARY POWER  
SITE PLAN  
SCALE: 1"=40'-0"

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DATE MAY 1997  
E SHEET 4 OF 36  
CAD REF. NO. 0060028696