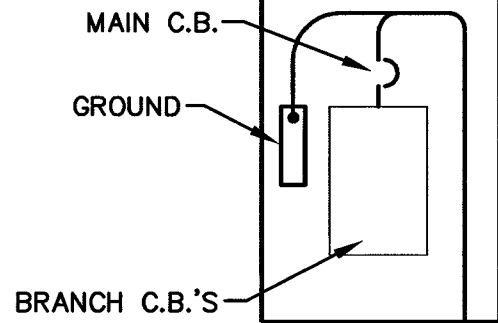


1:2745dwg\JWSIMS - I-DEM Elec Submittal\FINAL SET No.3 July 3, 2002 Set of Dwggs and Specs\FINAL F1 ELEC DWG\SF1AS-BUILT_DRAWINGS\F1-E6_REVISED.dwg, 11/15/2004 1:59:30 PM

PANELBOARD SCHEDULE									
PANEL:	LOCATION:	MOUNTING:	RATING:		MAIN:		REMARKS:		
A	COMMUNICATIONS BUILDING, ELROD TANK	SURFACE	100A., 120/240V., 1PH., 3W.		100A. CIRCUIT BREAKER		SERVICE ENTRANCE, GRD. AND NEUTRAL BARS		
LOAD DESIGNATION		CKT. BKR.	CKT. NO.	PHASE		CKT. NO.	CKT. BKR.	LOAD DESIGNATION	
SPARE		1P-20	1			2	1P-20	SPARE	
OBSTRUCT. LIGHT		1P-20	3			4	1P-20	DUSK-TO-DAWN LIGHT	
RTU		1P-20	5			6	1P-20	SPARE	
SPARE		1P-20	7			8	1P-20	CONTROLS	
TENNANT RADIO		1P-20	9			10	1P-20	SPARE	
SPARE		1P-20	11			12	1P-20	SPARE	
SPACE		1P-	13			14	1P-	SPACE	
SPACE		1P-	15			16	1P-	SPACE	
SPACE		1P-	17			18	1P-	SPACE	
SPACE		1P-	19			20	1P-	SPACE	
UNIT HEATER		2P-20	21			22	2P-60	ALTITUDE VALVE VAULT	
			23			24			
NOTES: 1. ALL CIRCUIT BREAKERS SHALL BE RATED 10KAIC									
2. PANEL SHALL BE NEMA 1									
3. ALL CIRCUIT BREAKERS SHALL BE BOLT-ON									

600A-2P, 120/240V/1
PUMP STATION, 3-#3, 1-#6 GND, 1 1/2"C.

NEW MAIN PANEL 'A', NEMA 1
100A., 120/240V., 1PH., 3W.;
LOCATED IN EXIST.
COMMUNICATIONS SHED



FEEDER TO MAIN PANEL INSIDE COMMUNICATIONS
BLDG., 3-#3, 1-#6 GND, 1 1/2"C.

WELDED ALUMINUM MOUNTING
RACK AND WELDED ALUMINUM
POSTS

NEMA 4X S.S. MAIN
FUSED SWITCH,
100A, F100, 120/240V., 1PH,
3W, WITH SERVICE ENTRANCE
GROUND BUSBAR.

SECONDARY AERIAL SPAN BY UTILITY CO.
120/240V./ 1PH, 3W, SERVICE
VOLTAGE.

RISER CONDUCTORS
BY UTILITY CO.

WOOD POLE BY UTILITY CO.

UTILITY CO. METER

SECONDARY AERIAL SPAN BY UTILITY CO.
120/240V./ 1PH, 3W, SERVICE
VOLTAGE.

RISER CONDUIT, WEATHERHEAD, AND
CONDUCTORS BY CONTRACTOR.

WOOD POLE BY CONTRACTOR

UTILITY CO. METER

NEMA 4X S.S. MAIN
FUSED SWITCH,
60A, F60, 120/240V., 1PH,
3W, WITH SERVICE ENTRANCE
GROUND BUSBAR.

GRADE

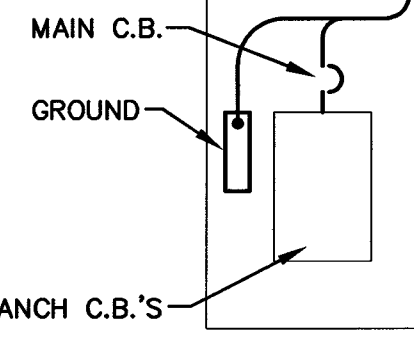
UNDERGROUND SERVICE LATERAL BY CONTRACTOR.
3-#4, 1-#8 GROUNDED SERVICE CONDUCTOR,
1 1/4"C.

#6 GROUND,
3/4"C.

#6 GROUND TO
ANTENNA TOWER

3/4" x 10'
COPPER CLAD
GROUND ROD.

MAIN PANEL INSIDE METER STATION,
BY METER STATION MFR.-120/240V.,
1PH., 3W.



ELROD ELECTRICAL SERVICE DETAIL

SCALE: N.T.S.

MILAN MASTER METER ELECTRICAL SERVICE DETAIL

SCALE: N.T.S.

NOTES:

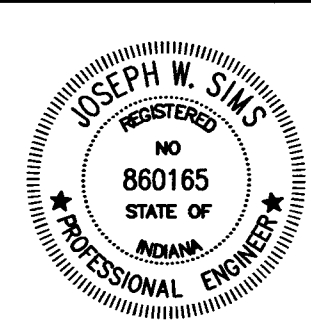
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INDIANAPOLIS, INDIANA 46234
317-209-4035 FAX 209-4036
EMAIL JWSIMS@JWSIMS.COM

NO.	DESCRIPTION	DATE	BY
2	RENUMBERED	5/2004	GCR
1	AS-BUILT REVISION	5/2004	GCR
REVISIONS			

HOOSIER HILLS REGIONAL WATER DISTRICT
DIVISION "F" WATERWORKS SYSTEM IMPROVEMENTS
CONTRACT F-1

ELROD TANK AND MILAN MASTER METER
ELECTRICAL DETAILS

GRW PROJECT NO. 2745 JWSA PROJECT NO. 2001-05



GRW Engineers, Inc.
Engineers, Architects, Planners
INDIANAPOLIS, INDIANA
LOUISVILLE & LEXINGTON, KENTUCKY
CINCINNATI, OHIO
NASHVILLE, TENNESSEE
ARLINGTON, TEXAS

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FILE NAME: F1-E6_REVISED.DWG	SCALE: NOTED
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APPROVED: JWS	E6/568