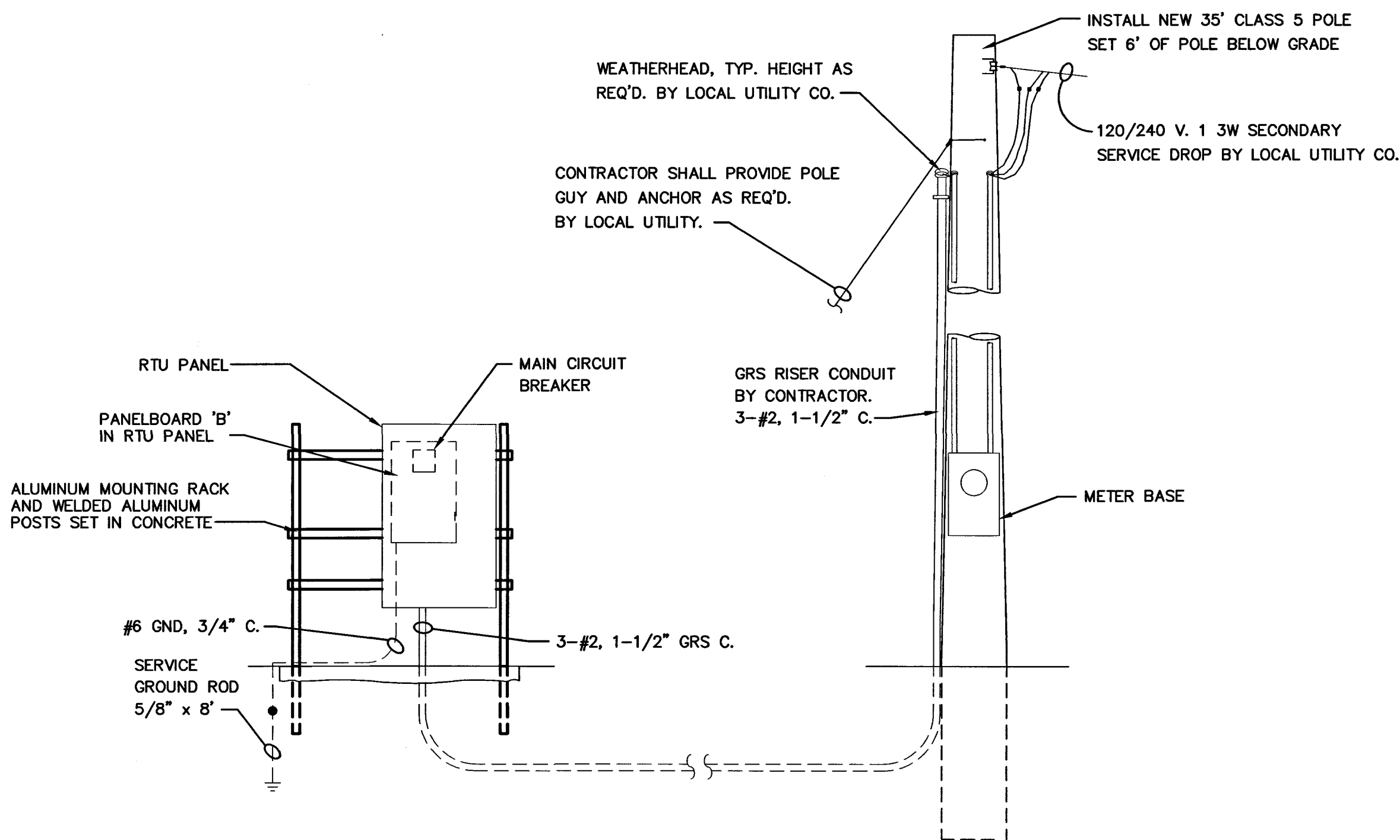


I:\2745\dwg\JWS - IDEM Elec Submittal\FINAL SET NC-3 July 3, 2002 Set of Dwg and Specs\FINAL F3 ELEC DWGS\F3As-Built_Drawings\F3-E2_REVISED.dwg, 11/15/2004, 1:30:37 PM



ELECTRICAL SERVICE DETAIL
SCALE: N.T.S.

LIGHTING FIXTURE SCHEDULE:

TYPE	DESCRIPTION
A	OBSTRUCTION LIGHT, TWIN STYLE, HEAVY DUTY CAST ALUMINUM. SECOND FIXTURE SHALL AUTOMATICALLY SWITCH 'ON' UPON FAILURE OF FIRST. UL LISTED, 100W, A21 TRAFFIC SIGNAL TYPE LAMPS, 120VAC., 1" NPS HUB & BRACKET MOUNTING, RED GLASS GLOBE, INCLUDE RELAY (7AP3A) AND UNIT MOUNTED PHOTOCCELL. PROVIDE STAINLESS STEEL THUMB SCREWS AND SAFETY CHAIN OR CABLE FROM FIXTURE BASE TO ALL PIECES OF FIXTURE REQUIRED TO BE REMOVED FOR RE-LAMPING. PROVIDE ALL MOUNTING BRACKETS AND HARDWARE REQUIRED. FIXTURE SHALL BE FM APPROVED; HUBBELL #BYNB-36002-AHQ.

PANELBOARD SCHEDULE									
PANEL: B	LOCATION: MOUNTING RACK		MOUNTING: SURFACE		RATING: 100A., 120/240V., 1PH., 3W.,		MAIN: 100A CIRCUIT BREAKER		REMARKS: 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	SPARE	
RTU PANEL		1P-20	5			6	1P-20	SPARE	
SPARE		1P-20	7			8	1P-20	SPARE	
TELEMETRY EQUIP.		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	
SPACE		1P-	21			22	1P-	SPACE	
SPACE		1P-	23			24	1P-	SPACE	
NOTES: 1. ALL CIRCUIT BREAKERS SHALL BE RATED 10KAIC 2. ALL CIRCUIT BREAKERS SHALL BE BOLT-ON 3. PANEL SHALL BE NEMA 4X, S.S.									

NOTES:

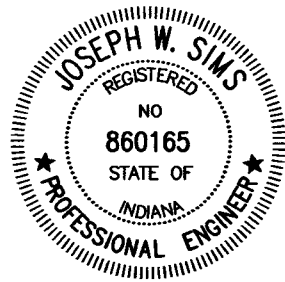
J. W. SIMS
& ASSOCIATES
ENGINEERING COMPANY
1545 COUNTRY CLUB ROAD
INDIANAPOLIS, INDIANA 46234
(317) 209-4035 (FAX) 209-4036

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

HOOSIER HILLS REGIONAL WATER DISTRICT
DIVISION "F" WATERWORKS SYSTEM IMPROVEMENTS
CONTRACT F-3

SOUTH MILAN TANK 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

DRAWN: MLM/JMS	DATE: 9/11/01
FILE NAME: F3-E2.DWG	SCALE: AS NOTED
CHECKED: JWS	SHEET NO.
APPROVED: JWS	E2/601