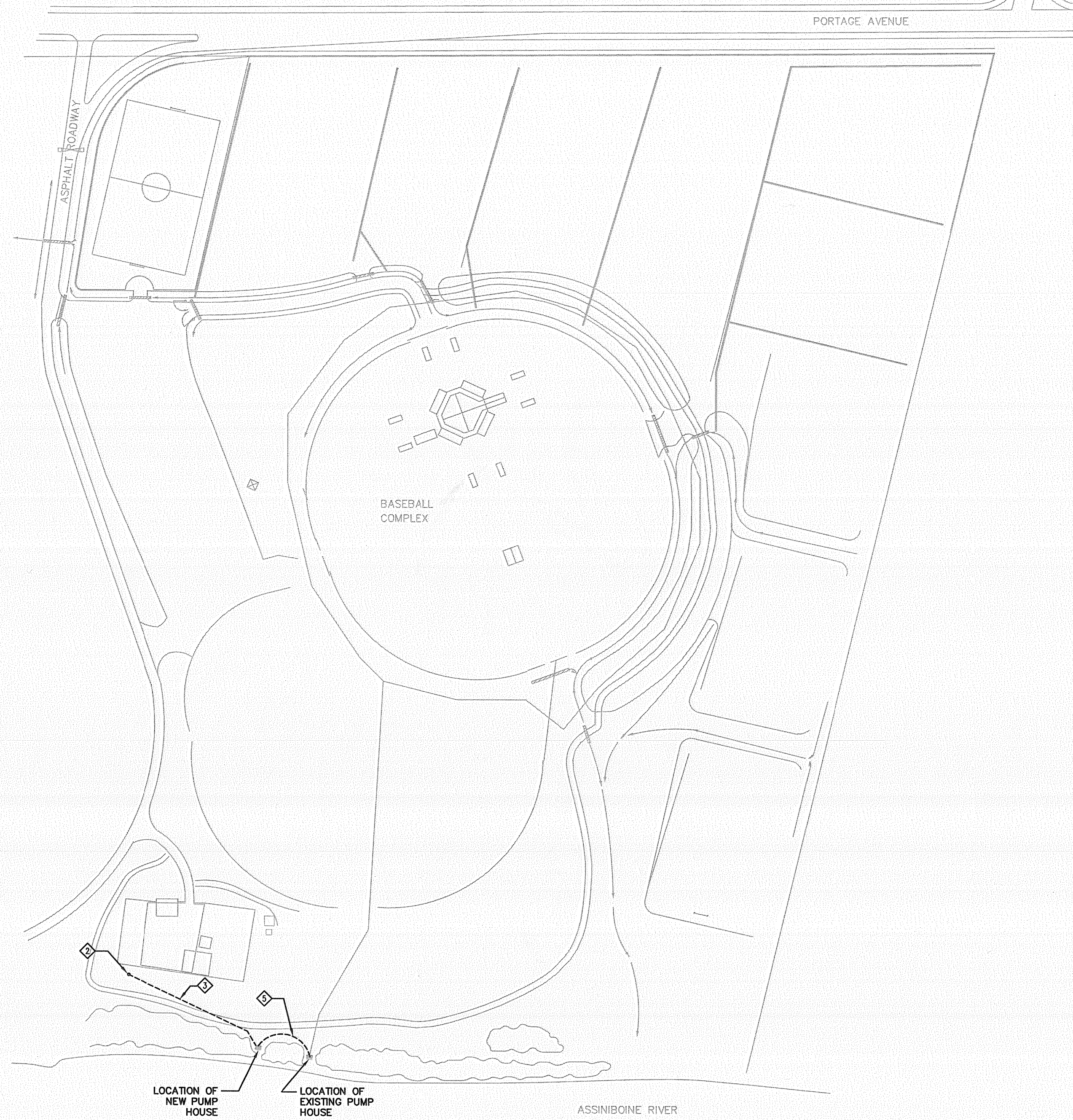


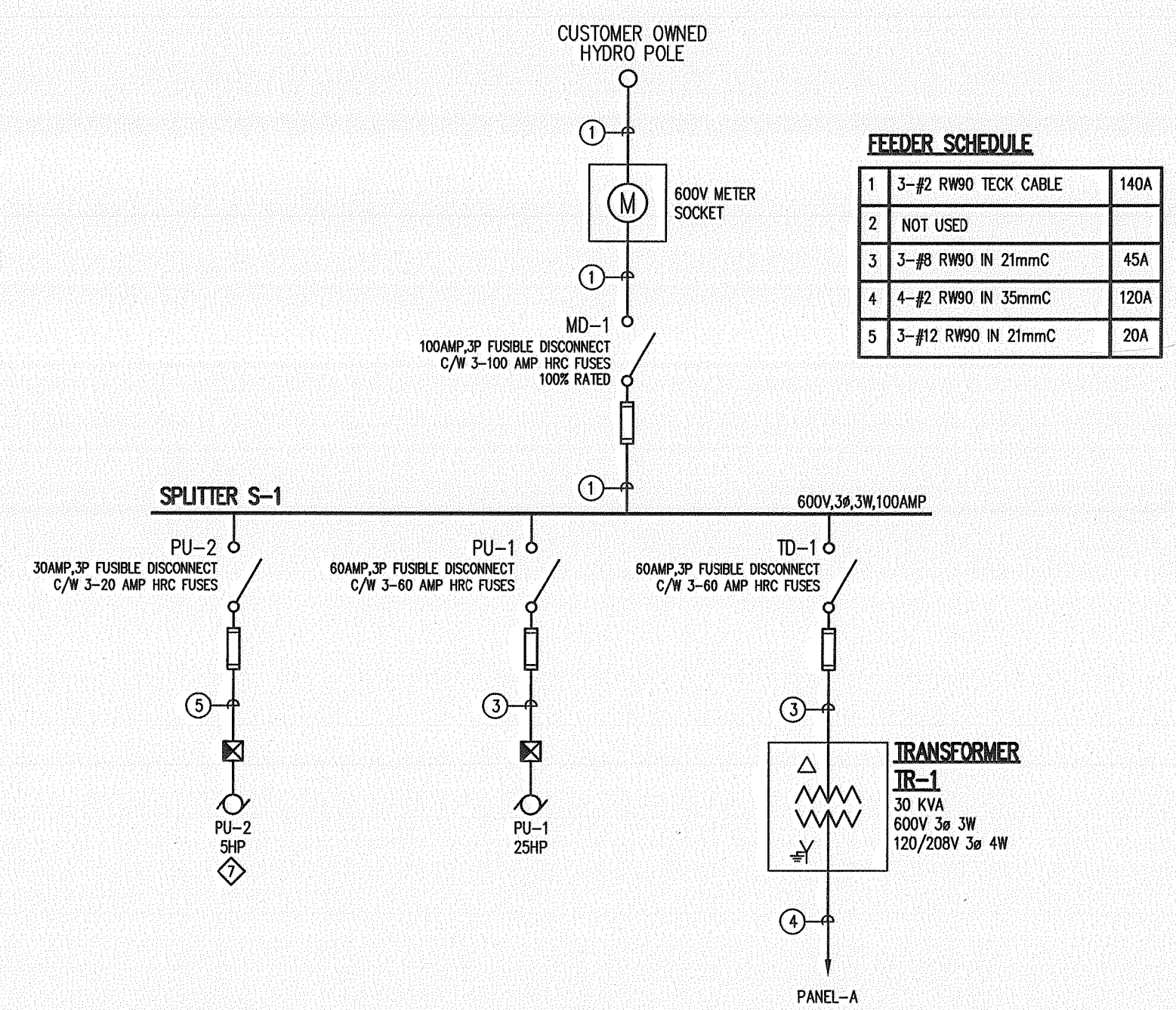
1 IRRIGATION PUMP HOUSE BUILDING – ELECTRICAL LAYOUT
E2.0 SCALE 1 : 20



2 SITE ELECTRICAL PLAN
E2.0 SCALE N.T.S.

ELECTRICAL SYMBOL LEGEND	
⊙	CEILING MOUNTED LUMINAIRE, TYPE 'A' AS SPECIFIED
⊗	MOTOR CONNECTION AS SPECIFIED
⊠	MAGNETIC STARTER C/W HOA
⊡	FUSED DISCONNECT SWITCH
SP	SURFACE MOUNTED ELECTRICAL PANEL – 'SP' DENOTES PANEL DESIGNATION
⊕	15A, U-GROUND DUPLEX RECEPTACLE
⊙	DIRECT CONNECT
⊕	20A, SPECIAL SINGLE RECEPTACLE, TWISTLOCK TYPE
⊕	ELECTRICAL DRAWING NOTES
⊕	ONE, TWO, THREE AND FOUR GANG SINGLE POLE TOGGLE SWITCHES

- NOTES:**
- PROVIDE PORCELAIN LAMP HOLDER C/W 100W A-19 LAMPS.
 - CUSTOMER OWNED OVERHEAD SERVICE. COORDINATE TERMINATION AND METER INSTALLATION AS REQUIRED.
 - DIRECT BURY TECK CABLE AS REQUIRED. DISTANCE FROM NEW PUMP HOUSE TO UTILITY POLE IS APPROXIMATELY 120 METERS. SITE MEASUREMENT WILL BE REQUIRED.
 - WIRE AND CONNECT MECHANICALLY SUPPLIED PRESSURE SWITCHES AND PROGRAMMABLE RELAY. COORDINATE ON SITE.
 - PROVIDE 4C-#12 RW90 TECK CABLE FROM NEW PUMPHOUSE TO EXISTING PUMP HOUSE TO CONTROL EXISTING 25HP IRRIGATION PUMP. UTILIZING EXISTING MAGNETIC STARTER CONNECT AS PER MECHANICAL REQUIREMENTS.
 - ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE MOUNTED AS HIGH AS POSSIBLE WHILE MAINTAINING CODE REQUIREMENTS.
 - PROVIDE LEVITON #2460 TWISTLOCK RECEPTACLE FOR PU-2.



PANEL-A (120/208V/3ø/4W/120A MAINS)

RECEPTACLE	1	9
LIGHTS	2	10
SYSTEM CONTROLLER REC.	3	11
PROGRAMMABLE RELAY REC.	4	12
RECEPTACLE	5	13
	6	14
	7	15
	8	16

LTC.	PKG.	HTC.	A/C.	MTR.	MISC.	TOTAL
W/HTC.	ELEV.	BOIL.	RAMP.	LAU.	KIT.	

APEGM
Certificate of Authorization
MCW/AGE Consulting
Professional Engineers
No. 589 Expiry: April 30, 2009



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6507-01

PROJECT TITLE	NO.	REVISIONS	BY	DATE
JOHN BLUMBERG SOCCER COMPLEX				
	KEN RECH LANDSCAPE ARCHITECTS INC. 1489 Wellington Crescent Winnipeg Manitoba Fax 489-6852 R3N 0B3 Tel(204) 489-6616			
DRAWING TITLE	DRAWN BY	SCALE	SHEET NO.	
NEW IRRIGATION ELECTRICAL LAYOUT	NS/PCS	AS NOTED	E2.0	
	PRINT DATE	DATE		
	FEB. 03/09	FEB. 03/09		
FILE NO.	REVISION			
06-18-A	0			