

1099e1cr2k

UTM Coordinates-GNSS Control Stations NAD83 (CSRS), Zone 12				
Station	Northing	Easting	Combined Scale Factor	Orthometric Height
30000	5962102.68	567667.56	0.999553	684.96
10000	5957125.61	566197.99	0.999554	661.02
10001	5957965.54	567791.08	0.999556	664.47

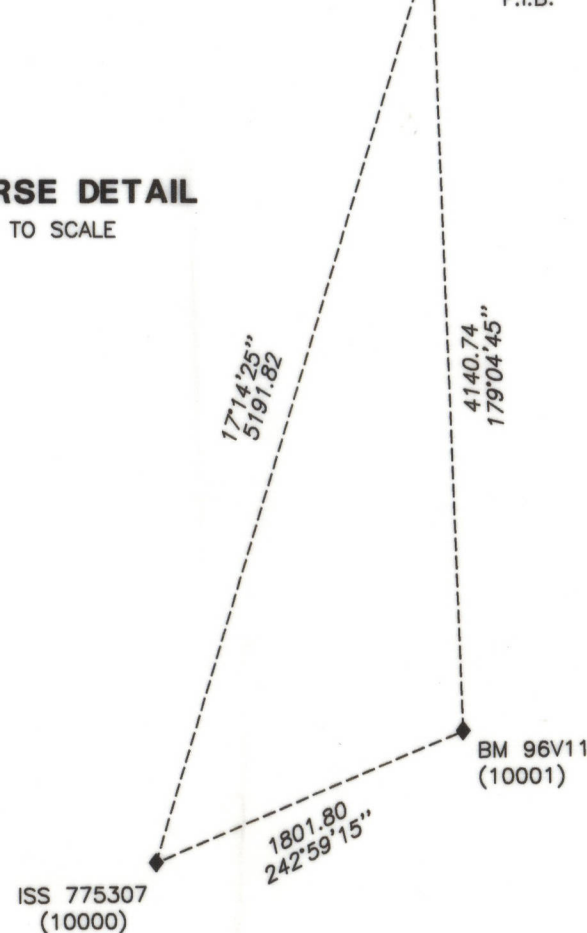
Coordinates were derived from GNSS observations using the Precise Point Positioning Service and are referred to NAD 83 (CSRS). Orthometric heights are derived from GNSS observations using the HT 2.0 geoid model.

Adjusted UTM Coordinates NAD83 (CSRS), UTM Zone 12			
Monuments	Northing	Easting	
30005	5963583.72	566116.09	
30006	5962798.27	566123.27	
30055	5963095.71	566688.17	
30056	5963036.49	566583.86	

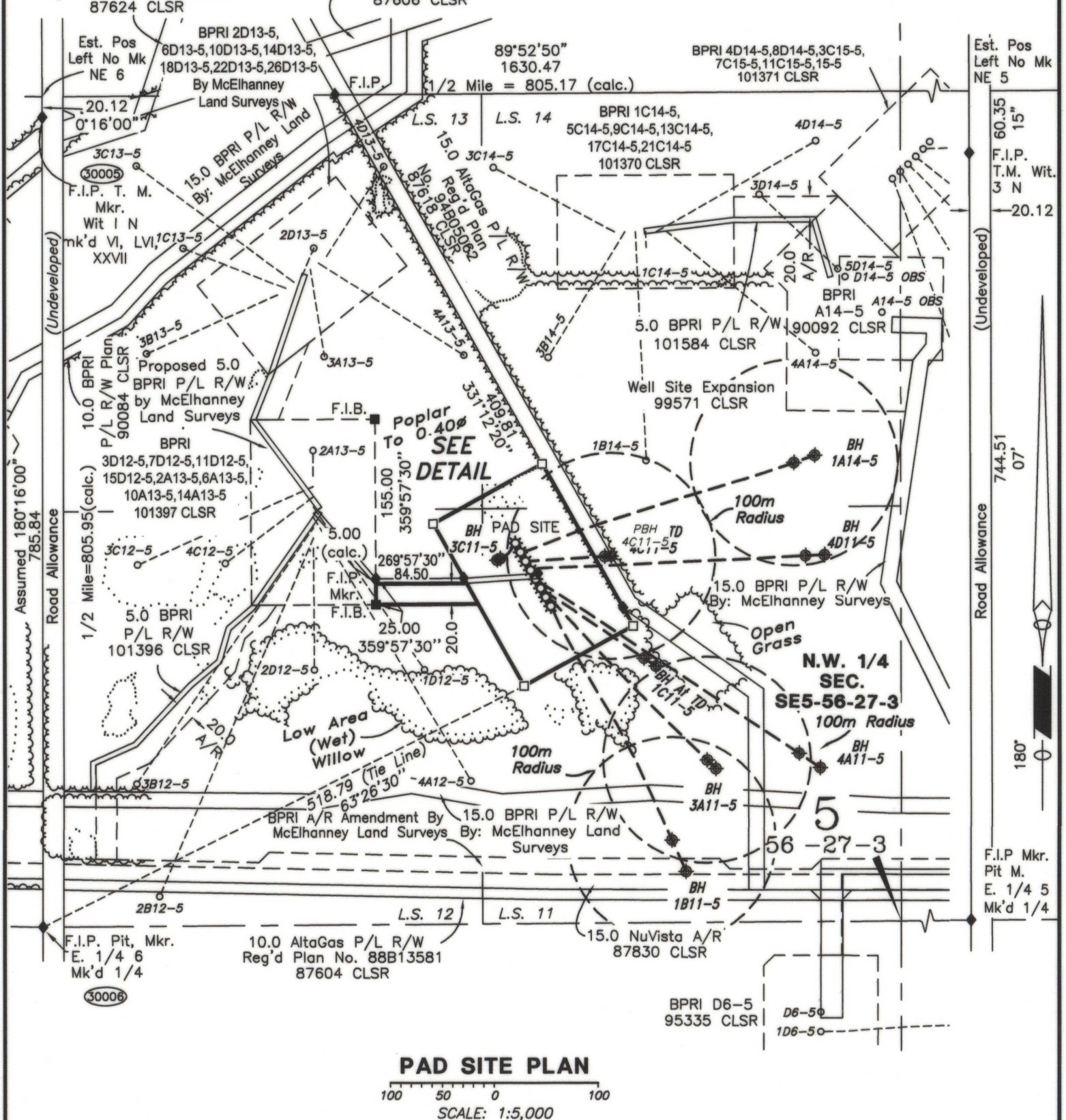
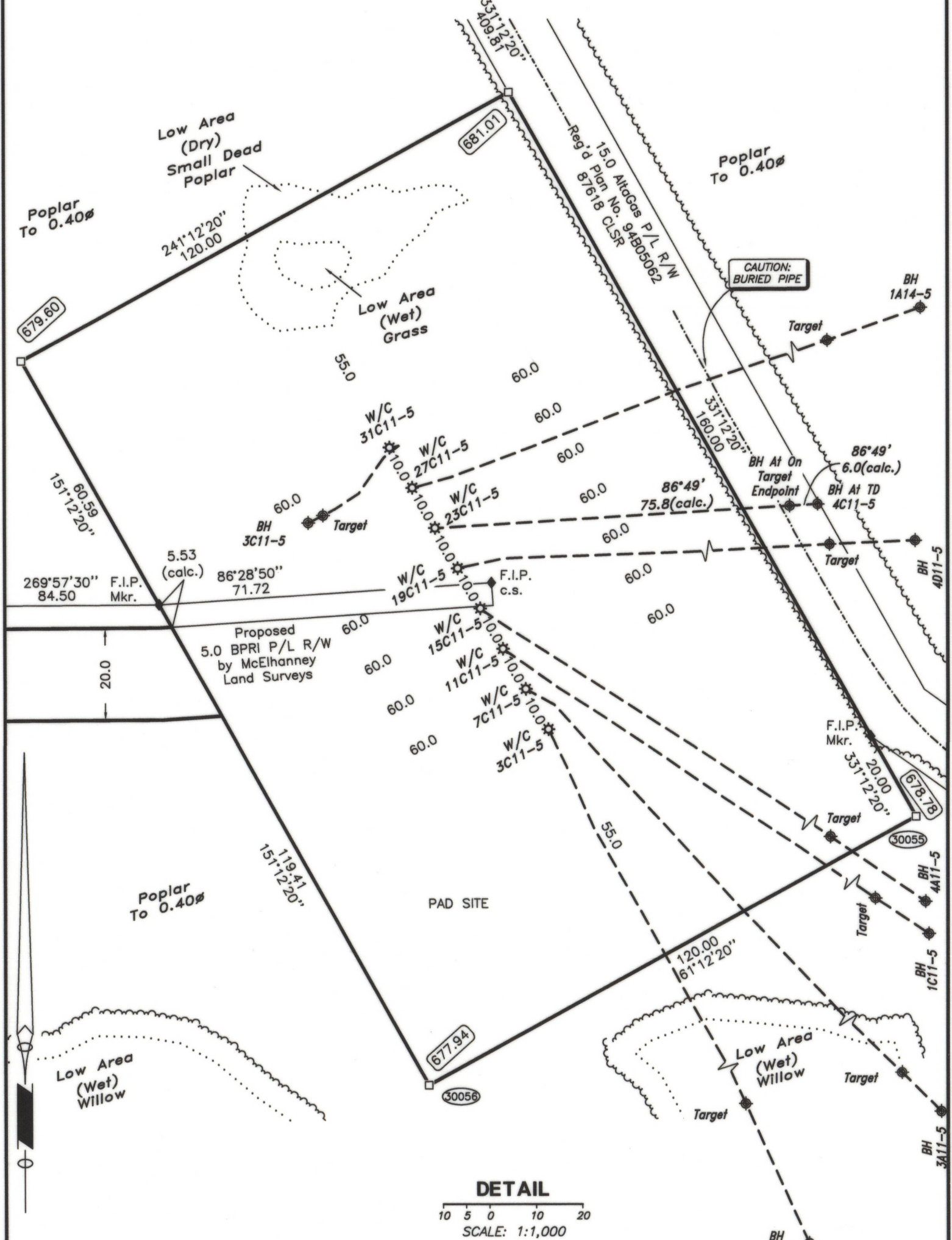
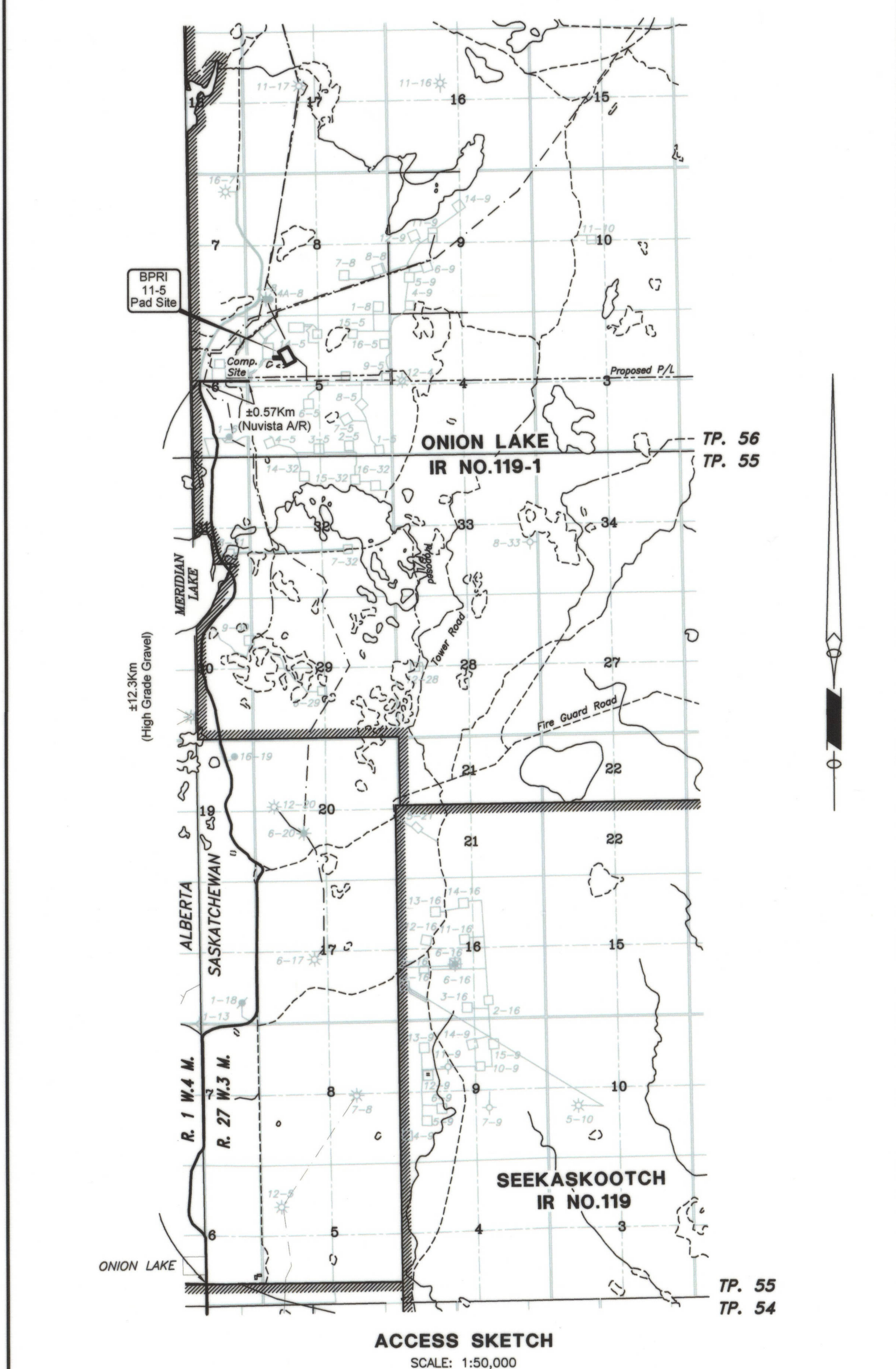
F.I.P. T. M.
Mkr.
Wit I N
mk'd VI, LVI, XXVII
(30005)

F.I.P. Pit. Mkr.
E. 1/4 6
Mk'd 1/4
(30006)

TRAVERSE DETAIL NOT TO SCALE



Surveyed azimuths are rotated +00°47'23" from grid to astronomic as shown on Township Plan dated March 31, 1911. Distances shown are horizontal at general ground level and are expressed in metres and decimals. To compute UTM coordinates, distances have been reduced to the mapping plane by multiplying a combined scale factor of 0.999553. Real time kinematic GNSS observations were used to derive part of this survey. Absolute accuracy of this survey is 0.10m.



NATURAL RESOURCES CANADA
RE: SECTION 40(1), INDIAN OIL AND GAS REGULATIONS, 1995
REVIEWED

FOR SURVEYOR GENERAL
DATE

CANADA LANDS SURVEYS RECORDS
102267
OCT. 1, 2013
DATE

BPRI ONION LAKE NORTH DD 3C11-5-1B11-5-56-27
BPRI ONION LAKE NORTH DD 7C11-5-3A11-5-56-27
BPRI ONION LAKE NORTH DD 11C11-5-1C11-5-56-27
BPRI ONION LAKE NORTH DD 15C11-5-4A11-5-56-27
BPRI ONION LAKE NORTH DD 19C11-5-4D11-5-56-27
BPRI ONION LAKE NORTH DD 23C11-5-4C11-5-56-27
BPRI ONION LAKE NORTH DD 27C11-5-1A14-5-56-27
BPRI ONION LAKE NORTH DD 31C11-5-3C11-5-56-27
Plan of Survey of Pad Site & Access Road In
N.W. 1/4 SEC. 5 Tp. 56 R. 27 W.3 M.
ONION LAKE INDIAN RESERVE NO. 119-1
SASKATCHEWAN

SURFACE CARTESIAN CO-ORDINATES
ASSUMING THE W. BDY. OF SEC. 5
TO BE 180°16'00"
N.W. Cor. Sec. 5

RECTANGULAR CO-ORDINATES
SURFACE TO BH AT ON TARGET ENDPOINT

SURFACE	+N/-S	+E/-W
3C11-5	-496.95	466.27
7C11-5	-488.19	461.45
11C11-5	-479.43	456.64
15C11-5	-470.66	451.82
19C11-5	-461.90	447.00
23C11-5	-453.14	442.19
27C11-5	-444.37	437.37
31C11-5	-435.61	432.55

RECTANGULAR CO-ORDINATES
SURFACE TO BOTTOM HOLE AT TD

SURFACE	+N/-S	+E/-W
3C11-5	-251.88	90.25
7C11-5	-160.52	155.53
11C11-5	-69.41	100.81
15C11-5	-177.83	265.17
19C11-5	13.40	270.92
23C11-5	4.22	75.73
27C11-5	85.84	260.97
31C11-5	-13.52	-14.64

PAD SITE 11-5

	SURFACE CO-ORDS.	BOTTOM HOLE AT ON TARGET ENDPOINT CO-ORDS.	BOTTOM HOLE AT TD ENDPOINT CO-ORDS.	GROUND ELEVATION
BPRI ONION LAKE NORTH DD 3C11-5-1B11-5-56-27	497.93	468.58	750.00	560.00
BPRI ONION LAKE NORTH DD 7C11-5-3A11-5-56-27	488.16	463.72	650.00	620.00
BPRI ONION LAKE NORTH DD 11C11-5-1C11-5-56-27	480.38	458.86	550.00	553.98
BPRI ONION LAKE NORTH DD 15C11-5-4A11-5-56-27	471.61	454.01	650.00	720.00
BPRI ONION LAKE NORTH DD 19C11-5-4D11-5-56-27	462.84	449.15	450.00	449.28
BPRI ONION LAKE NORTH DD 23C11-5-4C11-5-56-27	454.06	444.29	450.00	520.00
BPRI ONION LAKE NORTH DD 27C11-5-1A14-5-56-27	445.29	439.43	360.00	700.00
BPRI ONION LAKE NORTH DD 31C11-5-3C11-5-56-27	436.52	434.58	450.00	420.00

DATUM: CBN (Geodetic BM) 94V060
Elev. = 621.189

NOTE: McElhanney is not responsible for any omissions to this plan concerning buried cables, pipes, etc. Locations of those shown on this plan are approximate and are to assist in the physical location at the time of construction.

ELEVATIONS:

SEE CO-ORD TABLE FOR W/C GROUND ELEVATIONS
SEE DETAIL FOR CORNER ELEVATIONS

AREAS:

Pad site	= 2.160 ha. 5.34 Ac.
Access Road	= 0.185 ha. 0.46 Ac.
Total	= 2.345 ha. 5.80 Ac.

LEGEND

Statutory Monuments found are shown thus:
Iron Bars placed are shown thus:
(1 x 38cm Iron Bars)
Iron Bars Found (F.I.B.) are shown thus:
Well Centre is shown thus:
Bottom Hole (BH) is shown thus:
Portions referred to are shown thus:
Distances are in metres and decimals thereof.
There are no surface improvements within 200 metres of this well location unless shown otherwise.
A/R Denotes access road.
L.S. Denotes legal subdivision.
RE: SECTION 38 CANADA LANDS SURVEYS REGULATIONS
CERTIFIED CORRECT
ON THE 3RD DAY OF OCTOBER, 2010

THIS SURVEY WAS EXECUTED BETWEEN THE DATES OF
JUNE 21, 2010, AND OCTOBER 3, 2010
DONALD R. HANSON CLS, SLS.

I, Donald R. Hanson, Saskatchewan Land Surveyor, certify that the survey represented by this plan is true and correct to the best of my knowledge, has been carried out in accordance with Article XIII, Standards of Practice, Section 6 of the bylaws of the Saskatchewan Land Surveyors' Association, and was completed on the 3rd day of October, 2010.



Saskatchewan Land Surveyor
Donald R. Hanson
Witness (Jinay Ayrey)

BLACKPEARL RESOURCES INC.

Rev.	Description	Date (MM/DD/YY)	By
1	Added Digital Spatial Information	04/29/13	JA
0	Plan Issued	11/26/10	RB
Rev.	Description	Date (MM/DD/YY)	By
1	McElhanney Land Surveys Ltd.	11/26/10	RB
2	McElhanney Land Surveys Ltd.	11/26/10	RB

Critical Item Review by: N.E.A. September 9, 2013 SGB PROJECT: 201212120
SM8208-09514 106c file: E-5855-11-09514-6680

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