

PERMIT TO PRACTICE
AECOM CANADA LTD.
Signature: *[Signature]*
Date: 4 Dec 2013
PERMIT NUMBER: P 10450
The Association of Professional Engineer and Geoscientists of Alberta

03 ISSUED FOR TENDER DEC/09 2013

02 ISSUED FOR 99% REVIEW SEP/26 2013

01 ISSUED FOR 66% REVIEW AUG/21 2013

revisions / date

project / projet

PE SAKASTEW
INSTITUTION
SITE PAVING
MASKWACIS, AB

drawing / dessin

KEY PLAN
GENERAL NOTE,
LEGEND AND
INDEX

designed VY / conçu

date SEP 2013

drawn DM / dessiné

date SEP 2013

approved JP / approuvé

date SEP 2013

Tender / Soumission

FWSC Project Manager / Administrateur de projets TPSGC

project number / no. du projet

R.061945.001

drawing no. / no. du dessin

DWG C01

GENERAL NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL COORDINATES AND ELEVATIONS ARE BASED ON 3TM NAD83 DATUM.
- DO NOT SCALE DRAWINGS. ALL MEASUREMENTS MUST BE OBTAINED FROM STATED DIMENSIONS.
- EXISTING GROUND IS BASED ON GROUND SURVEYS. (INITIAL GROUND SURVEY RECEIVED ON JUNE 20, 2013.)
- CONTRACTOR SHALL CALL 'ALBERTA ONE CALL' (1-800-242-3447) PRIOR TO DIGGING.
- CONTRACTOR SHALL BE AWARE OF EXISTING UTILITY LINES DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY UTILITY COMPANIES FOR LOCATION OF OTHER UTILITIES NOT SHOWN ON PLAN.
- EXISTING TREELINE SHOWN ON DRAWINGS IS APPROXIMATED FROM AERIAL PHOTOGRAPHY.
- CLEAR ALL TREES, BRUSH, STUMPS AND OTHER ORGANIC MATERIAL FROM AREAS TO BE GRADED.
- REMOVE ALL UNSUITABLE MATERIAL (MUCK AND/OR NON-COMPACTABLE MATERIAL) FROM AREAS TO BE FILLED.
- CONTRACTOR SHALL REMOVE ALL DELETERIOUS MATERIALS AND DISPOSE OFF SITE.
- CONTRACTOR SHALL KEEP ALL ROADS ADJACENT TO SITE CLEAN DURING CONSTRUCTION.
- PROMPTLY INFORM THE DEPARTMENTAL REPRESENTATIVE OF ANY ERROR OR DISCREPANCIES DISCOVERED IN THE DRAWINGS OR SPECIFICATIONS OR CONFLICTS BETWEEN THE DRAWING OR SPECIFICATIONS IN ORDER THAT CORRECTIONS MAY BE MADE.
- ASCM SURVEY CONTROL POINTS MAY NOT BE SHOWN ON DRAWINGS TO MAINTAIN DRAWING CLARITY DUE TO DISTANCE FROM PROJECT SITE.

GRADING AND DRAINAGE:

- ALL GRADING SHOWN DEPICTS TOP OF FINISHED GRADE UNLESS NOTED OTHERWISE.
- CONTRACTOR TO DETERMINE THE SUBGRADE ELEVATION BASED ON FINISHED GRADE AND TYPICAL FINAL SURFACING STRUCTURE.
- GRADE TO LINES, ELEVATIONS AND DIMENSIONS SHOWN ON DRAWINGS.
- PLACE AND COMPACT FILL TO FULL WIDTH IN UNIFORM LAYERS NOT EXCEEDING 200mm LOOSE THICKNESS.
- DO NOT PLACE FILL MATERIAL WHICH IS FROZEN, NOR PLACE ON FROZEN SURFACES.
- COMPACT TO DENSITY NOT LESS THEN 98% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698.
- CONTRACTOR MUST PAVE TO ELEVATION OF DOORWAY AND ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING ACCESS

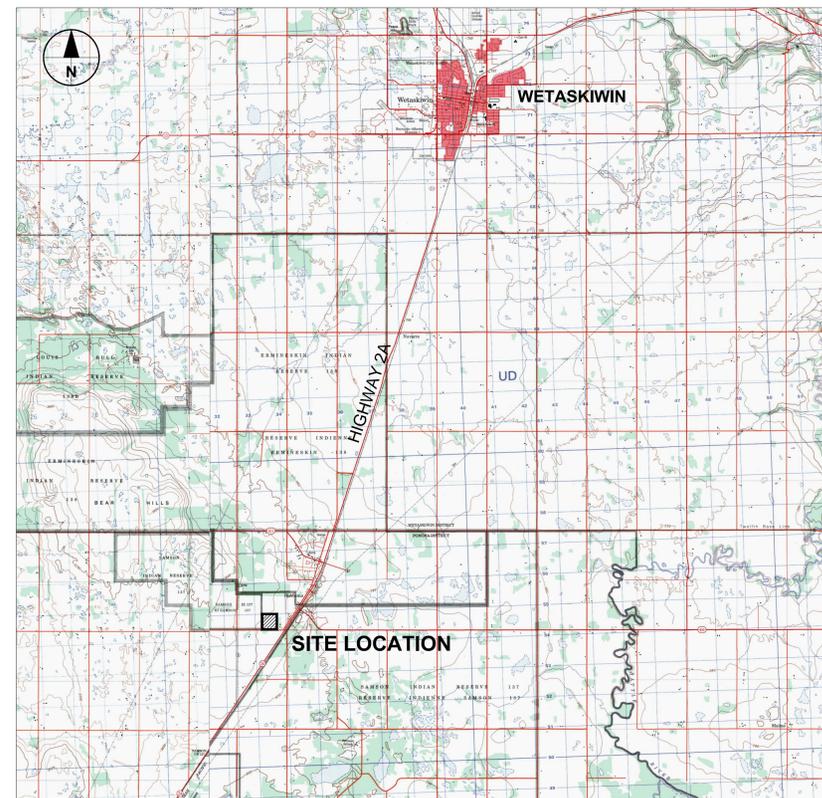
SEDIMENTATION AND EROSION CONTROL:

- ALL AREAS WHICH ARE DISTURBED BY THE CONTRACTOR SHALL BE SEEDED AND/OR VEGETATED.
- CONTRACTOR SHALL, FOR ALL GRASSED AREAS, BE RESPONSIBLE FOR REPLACING ERODED SOIL AND GRASS SEED UNTIL AN APPROVED STAND OF GRASS IS ESTABLISHED. SEE SPECIFICATIONS FOR TOPSOIL AND SEEDING.
- CONTRACTOR SHALL STAKE SILT FENCE, AND/OR OTHER EROSION CONTROL MEASURES BEFORE BEGINNING GRADING WORK ON SITE. SILT FENCES, AND/OR OTHER EROSION CONTROL MEASURES SHALL BE INSPECTED PERIODICALLY AS SEDIMENT BUILDS UP AROUND THE EROSION CONTROL MEASURES. REMOVE SEDIMENT AND REPLACE EROSION CONTROL MEASURES AS REQUIRED.
- CONTRACTOR SHALL PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES AS REQUIRED TO CONTROL SOIL EROSION DURING SITE CONSTRUCTION AT HIS EXPENSE.

GENERAL LEGEND:

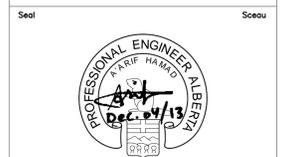
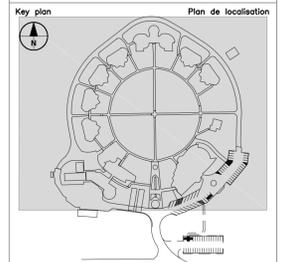
- EXISTING CULVERT
- EXISTING GASLINE
- SITE GRID (100 m INTERVAL)
- EXISTING DRAINAGE DITCH
- EXISTING FENCE

SURVEY CONTROL POINTS			
No.	NORTHING	EASTING	ELEVATION
CP1	5 853 681.66	35 602.74	817.99
CP2	5 853 589.63	35 435.57	819.14
CP3	5 853 815.55	35 435.17	819.50
ASCM 276527	5 855 133.33	37 141.53	799.17
ASCM 703314	5 854 166.44	36 797.87	803.13



LIST OF DRAWINGS

PLAN No.	DESCRIPTION
R.061945.001-C00	COVER SHEET
R.061945.001-C01	KEY PLAN, GENERAL NOTES AND LEGEND
R.061945.001-C02	OVERALL SITE PLAN
R.061945.001-C03	PLAN AND PROFILE (PERIMETER ROAD)
R.061945.001-C04	PLAN AND PROFILE (ACCESS ROAD, PATHWAY, SIDEWALK AND VISITOR'S PARKING LOT)
R.061945.001-C05	PROFILE (PATHWAY)
R.061945.001-C06	PROPOSED TOP OF FINISHED GRADE POINT COORDINATES
R.061945.001-C07	PROPOSED VISITOR'S PARKING LOT - GRADING AND CROSS SECTIONS
R.061945.001-C08	PROPOSED EMPLOYEE PARKING LOTS - GRADING, LAYOUTS AND CROSS SECTIONS
R.061945.001-C09	TYPICAL CROSS SECTIONS AND DETAILS
E.061945.001-E01	ELECTRICAL PLAN
E.061945.001-E01	ELECTRICAL DETAILS



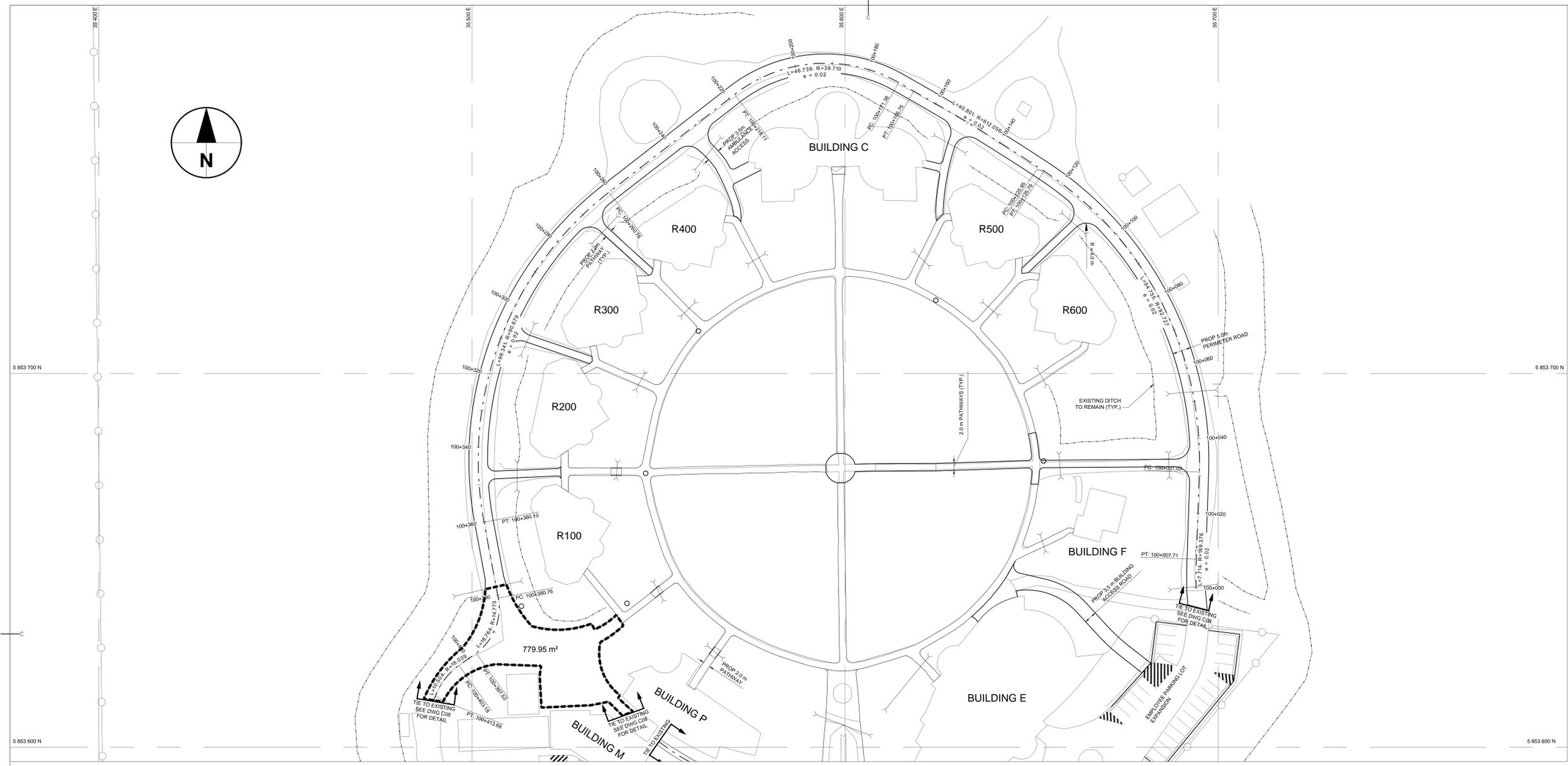
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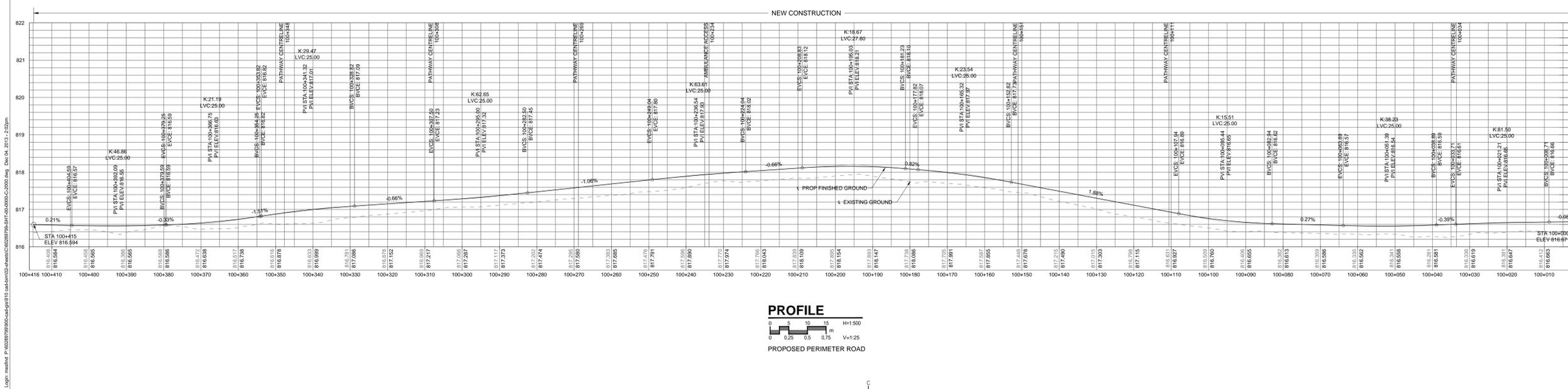
project PE SAKASTEW INSTITUTION SITE PAVING MASKWACIS, AB

drawing PLAN AND PROFILE PERIMETER ROAD

designed VY
date SEP 2013
drawn DM
date SEP 2013
approved JP
date SEP 2013
Tender
FWSC Project Manager Administrateur de projets TPSCG
project number R.061945.001
drawing no. DWG C03

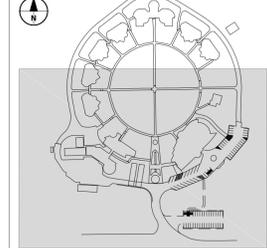


PLAN
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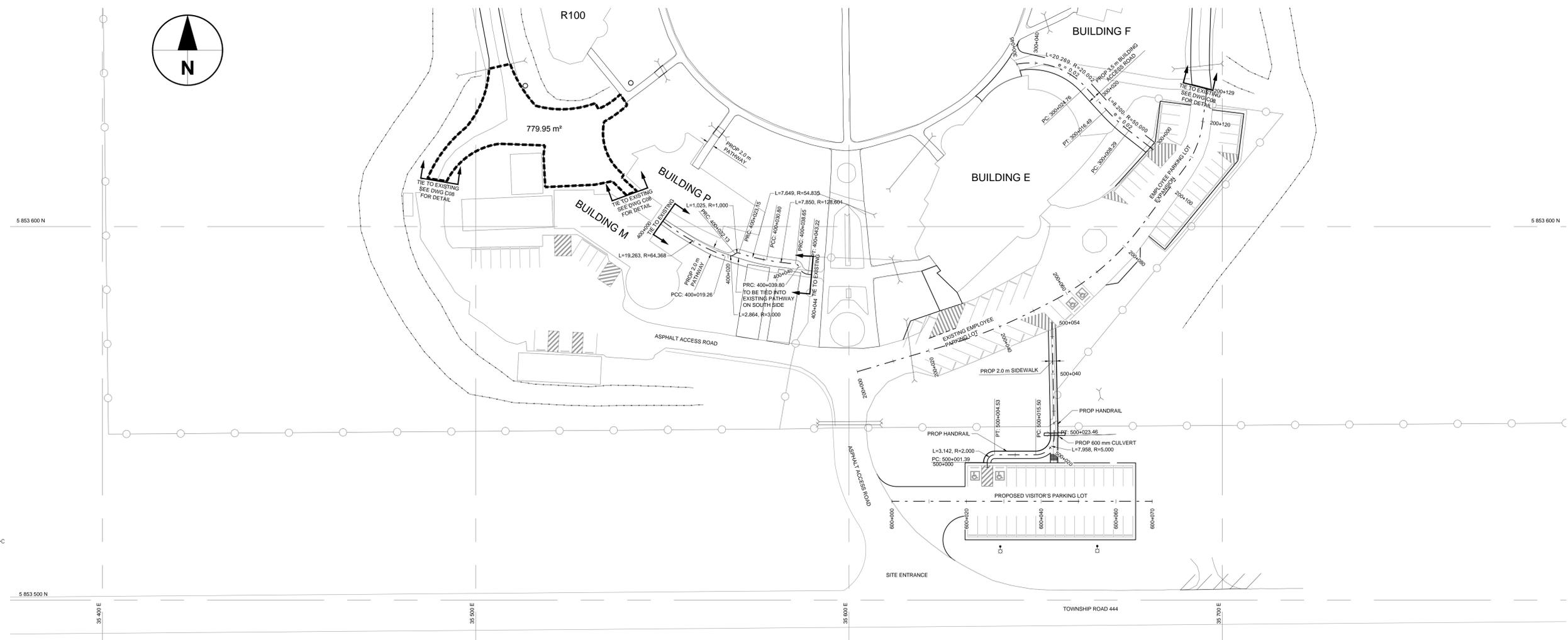


PROFILE
SCALE H=1:500 V=1:25
PROPOSED PERIMETER ROAD

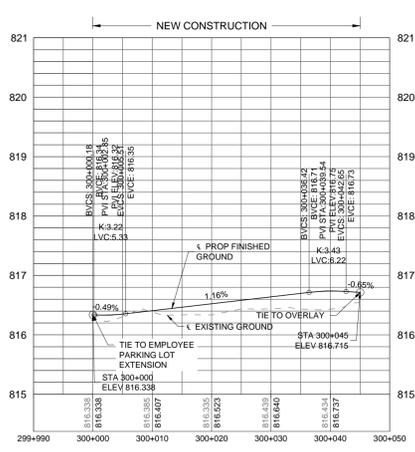
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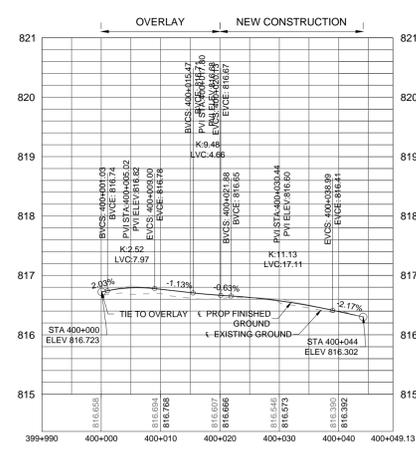
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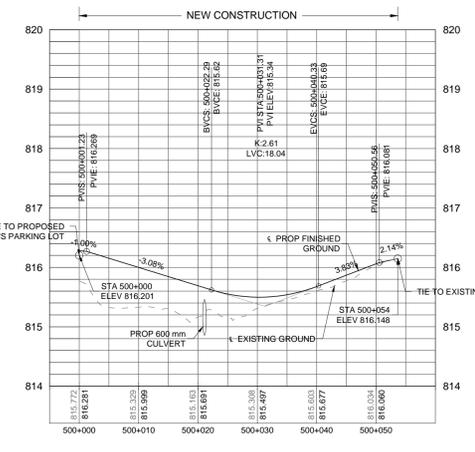
PLAN
SCALE 1:500



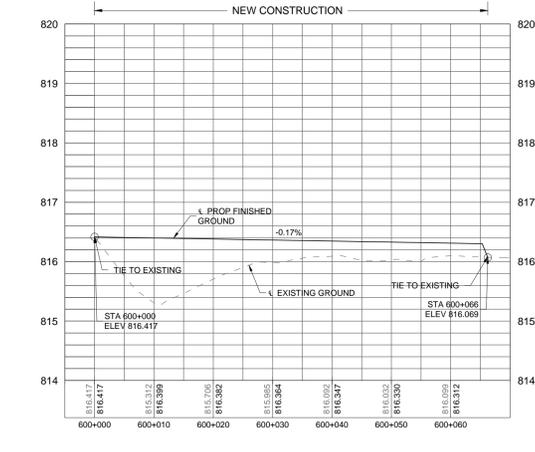
PROFILE
H=1:500
V=1:25
PROPOSED BUILDING ACCESS ROAD



PROFILE
H=1:500
V=1:25
PROPOSED PATHWAY



PROFILE
H=1:500
V=1:25
PROPOSED SIDEWALK



PROFILE
H=1:500
V=1:25
PROPOSED VISITOR'S PARKING LOT

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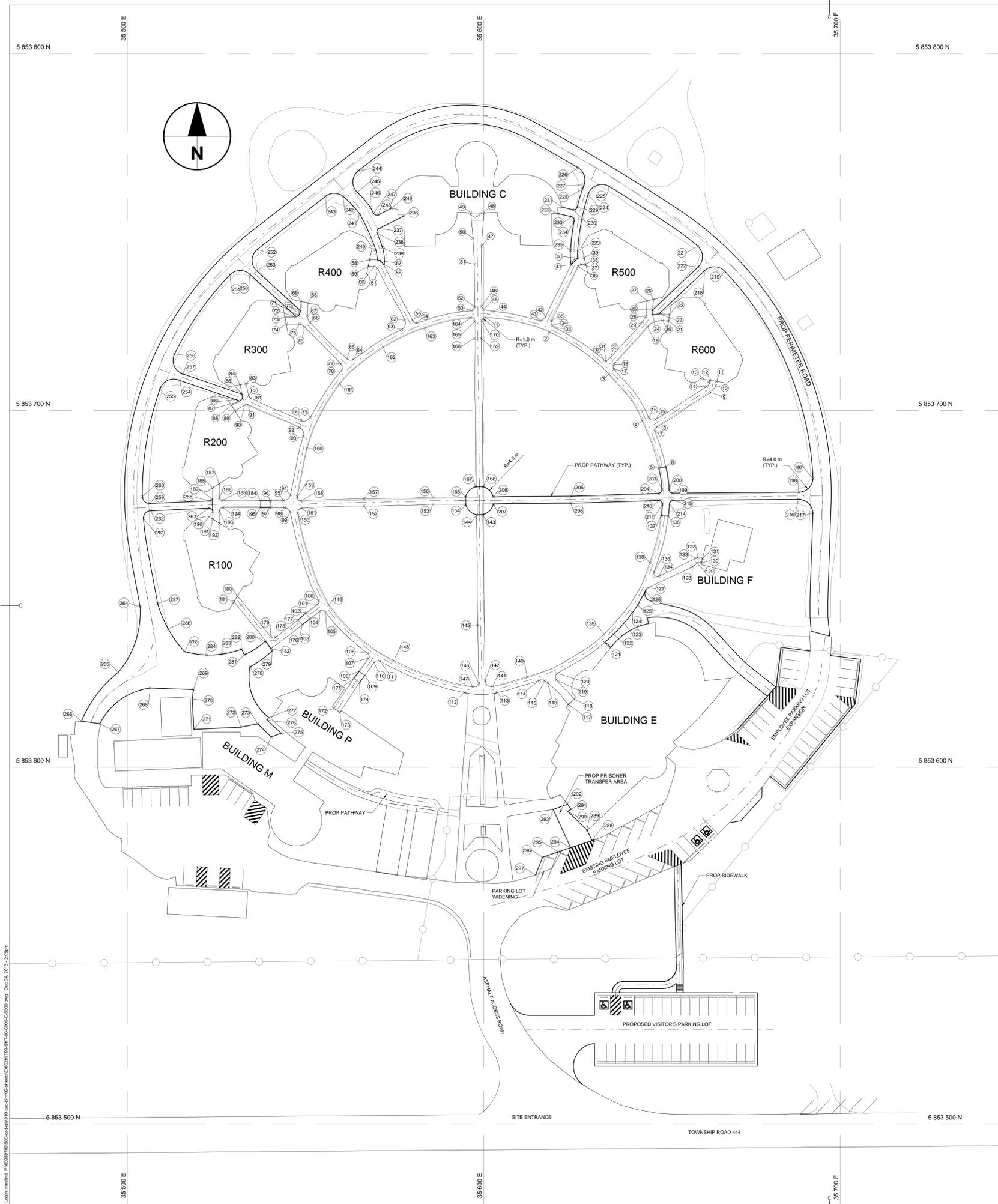
drawing / dessin

PLAN AND PROFILE BUILDING ACCESS ROAD, SIDEWALK, PATHWAY, AND VISITOR'S PARKING LOT

designed / conçu
date / date
drawn / dessiné
date / date
approved / approuvé
date / date

Tender / Soumission
PWSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
R.061945.001

drawing no. / no. du dessin
DWG C04



TOP OF FINISHED GRADE COORDINATE LISTING			
PNT NO	NORTHING	EASTING	ELEVATION
1	5853726.079	35600.466	817.676
2	5853721.993	35618.395	817.523
3	5853710.197	35635.056	817.231
4	5853697.043	35644.461	817.090
5	5853683.796	35649.096	816.872
6	5853684.264	35651.040	816.875
7	5853694.186	35648.015	817.039
8	5853695.329	35648.462	817.069
9	5853705.057	35663.663	817.274
10	5853706.999	35665.099	817.278
11	5853708.148	35665.238	817.261
12	5853708.452	35663.402	817.356
13	5853707.636	35663.268	817.394
14	5853706.681	35662.491	817.325
15	5853697.450	35648.114	817.132
16	5853698.016	35646.270	817.097
17	5853711.561	35636.523	817.233
18	5853712.864	35636.543	817.280
19	5853723.387	35645.947	817.506
20	5853725.144	35650.115	817.310
21	5853725.022	35651.839	817.253
22	5853726.823	35652.138	817.272
23	5853727.059	35649.364	817.389
24	5853726.776	35647.382	817.479
25	5853728.132	35647.361	817.455
26	5853731.127	35647.565	817.478
27	5853730.706	35645.737	817.478
28	5853726.324	35645.468	817.360
29	5853734.739	35644.463	817.489
30	5853714.682	35635.482	817.322
31	5853713.879	35634.392	817.317
32	5853714.089	35633.834	817.254
33	5853723.211	35626.008	817.453
34	5853723.813	35619.233	817.469
35	5853725.045	35618.950	817.485
36	5853740.349	35626.497	817.511
37	5853740.906	35627.256	817.570
38	5853740.955	35628.615	817.478
39	5853742.829	35628.183	817.478
40	5853742.685	35626.488	817.508
41	5853740.879	35624.527	817.535
42	5853728.200	35617.290	817.523
43	5853725.098	35615.834	817.514
44	5853727.710	35602.919	817.614
45	5853728.251	35599.892	817.637
46	5853729.121	35599.389	817.649
47	5853745.983	35599.346	817.592
48	5853755.551	35600.102	817.493
49	5853755.332	35596.352	817.727
50	5853748.253	35596.986	817.558
51	5853740.941	35597.355	817.533
52	5853728.984	35597.441	817.652
53	5853727.986	35596.567	817.668
54	5853724.529	35581.294	817.577
55	5853725.022	35580.126	817.580
56	5853741.070	35571.792	817.701
57	5853742.152	35570.205	817.689
58	5853742.281	35567.981	817.492
59	5853740.431	35567.587	817.491
60	5853740.315	35569.314	817.633
61	5853739.822	35570.111	817.564
62	5853725.283	35577.817	817.555
63	5853722.635	35576.884	817.473
64	5853714.321	35563.441	817.299
65	5853714.451	35561.618	817.261
66	5853724.696	35551.203	817.463
67	5853725.517	35550.508	817.463
68	5853730.128	35550.638	817.491
69	5853730.551	35548.652	817.491
70	5853727.641	35548.469	817.501
71	5853726.565	35548.055	817.507
72	5853726.199	35547.103	817.408
73	5853728.192	35544.192	817.261
74	5853724.193	35544.559	817.261
75	5853724.203	35548.323	817.402
76	5853723.333	35549.724	817.514
77	5853713.075	35559.899	817.263
78	5853711.076	35559.979	817.180
79	5853698.084	35551.312	817.202
80	5853697.193	35548.684	817.205
81	5853703.388	35534.606	817.346
82	5853704.091	35534.041	817.287
83	5853707.523	35533.316	817.261
84	5853707.214	35531.628	817.261
85	5853704.555	35532.176	817.210
86	5853703.299	35532.280	817.247
87	5853702.496	35531.303	817.093
88	5853701.416	35529.214	817.003
89	5853699.943	35530.163	817.003
90	5853701.492	35532.968	817.053
91	5853701.528	35533.865	817.292
92	5853695.153	35548.323	817.240
93	5853692.737	35549.380	817.177
94	5853676.399	35545.745	816.862
95	5853674.714	35543.789	816.890
96	5853674.725	35540.149	816.887
97	5853672.724	35540.095	816.898

TOP OF FINISHED GRADE COORDINATE LISTING			
PNT NO	NORTHING	EASTING	ELEVATION
98	5853672.718	35544.111	816.856
99	5853671.597	35545.670	816.803
100	5853646.726	35553.645	816.625
101	5853645.666	35553.256	816.649
102	5853643.219	35550.067	816.796
103	5853641.587	35551.199	816.789
104	5853643.667	35553.936	816.699
105	5853643.522	35555.569	816.651
106	5853631.920	35567.427	816.563
107	5853630.551	35567.628	816.580
108	5853626.892	35565.023	816.613
109	5853625.715	35566.641	816.616
110	5853629.366	35569.241	816.554
111	5853629.732	35570.784	816.525
112	5853620.935	35594.519	816.519
113	5853620.904	35603.758	816.635
114	5853624.360	35615.686	816.591
115	5853624.201	35617.086	816.579
116	5853623.659	35617.990	816.600
117	5853617.618	35623.674	816.717
118	5853619.082	35625.431	816.718
119	5853624.456	35620.342	816.518
120	5853626.294	35620.633	816.629
121	5853634.956	35633.804	816.743
122	5853637.291	35638.438	816.687
123	5853640.408	35639.350	816.646
124	5853643.323	35641.667	816.643
125	5853645.476	35643.166	816.641
126	5853649.355	35645.360	816.637
127	5853650.238	35646.050	816.625
128	5853656.162	35658.514	817.317
129	5853657.165	35659.815	817.487
130	5853657.259	35661.045	817.519
131	5853658.521	35661.372	817.519
132	5853658.654	35660.077	817.480
133	5853658.553	35659.551	817.446
134	5853653.522	35649.116	816.626
135	5853654.763	35647.757	816.669
136	5853670.402	35651.777	816.783
137	5853670.427	35649.750	816.812
138	5853657.356	35646.549	816.778
139	5853637.331	35633.775	816.680
140	5853625.320	35612.172	816.727
141	5853622.656	35602.497	816.663
142	5853624.262	35600.397	816.696
143	5853670.787	35599.721	817.992
144	5853670.744	35598.015	817.994
145	5853639.802	35598.317	817.092
146	5853623.559	35598.629	816.669
147	5853622.512	35596.899	816.631
148	5853629.869	35574.771	816.539
149	5853645.559	35556.489	816.692
150	5853671.121	35547.803	816.824
151	5853672.587	35548.880	816.868
152	5853673.196	35566.406	817.511
153	5853673.691	35585.755	818.011
154	5853673.626	35594.877	818.044
155	5853675.628	35594.834	818.043
156	5853675.690	35585.725	818.013
157	5853675.196	35566.397	817.524
158	5853674.595	35548.713	816.918
159	5853675.797	35547.662	816.863
160	5853669.332	35550.307	817.173
161	5853707.453	35559.578	817.221
162	5853717.701	35571.795	817.499
163	5853723.112	35583.558	817.627
164	5853725.932	35596.285	817.677
165	5853724.884	35597.389	817.700
166	5853720.161	35597.284	817.790
167	5853678.634	35597.799	817.991
168	5853678.619	35599.798	817.989
169	5853720.171	35599.285	817.787
170	5853725.212	35599.435	817.696
171	5853624.939	35563.536	816.665
172	5853616.515	35557.973	816.733
173	5853615.381	35559.621	816.733
174	5853623.779	35565.166	816.667
175	5853639.973	35549.122	816.757
176	5853641.255	35547.855	816.739
177	5853636.422	35541.575	816.713
178	5853636.590	35540.191	816.736
179	5853647.933	35530.872	816.749
180	5853646.371	35529.903	816.749
181	5853633.270	35540.384	816.703
182	5853674.728	35537.288	816.960
183	5853674.730	35528.513	817.016
184	5853675.467	35525.800	816.961
185	5853679.469	35525.773	817.003
186	5853678.272	35523.914	817.003
187	5853675.081	35523.815	817.017
188	5853671.670	35523.968	816.884
189	5853669.487	35523.967	816.749
190	5853668.314	35525.872	816.749
191	5853671.748	35525.841	816.908
192	5853672.742	35528.842	817.018
193	5853672.727	35537.322	816.974
194	5853680.820	35692.376	816.538

TOP OF FINISHED GRADE COORDINATE LISTING			
PNT NO	NORTHING	EASTING	ELEVATION
198	5853677.072	35688.416	816.501
199	5853676.793	35653.003	816.998
200	5853677.793	35651.995	816.944
201	5853677.796	35649.993	816.999
202	5853673.733	35649.026	817.028
203	5853675.964	35624.528	817.564
204	5853675.752	35602.672	816.029
205	5853673.752	35602.692	818.032
206	5853673.957	35624.335	817.564
207	5853674.733	35649.055	817.040
208	5853673.611	35650.084	816.977
209	5853673.840	35652.087	816.967
210	5853674.794	35653.078	817.011
211	5853675.072	35688.312	816.501
212	5853671.275	35692.339	816.581
213	5853738.157	35661.936	816.918
214	5853738.048	35667.542	816.775
215	5853746.045	35660.055	816.969
216	5853740.182	35660.109	816.944
217	5853744.647	35626.348	817.579
218	58		

