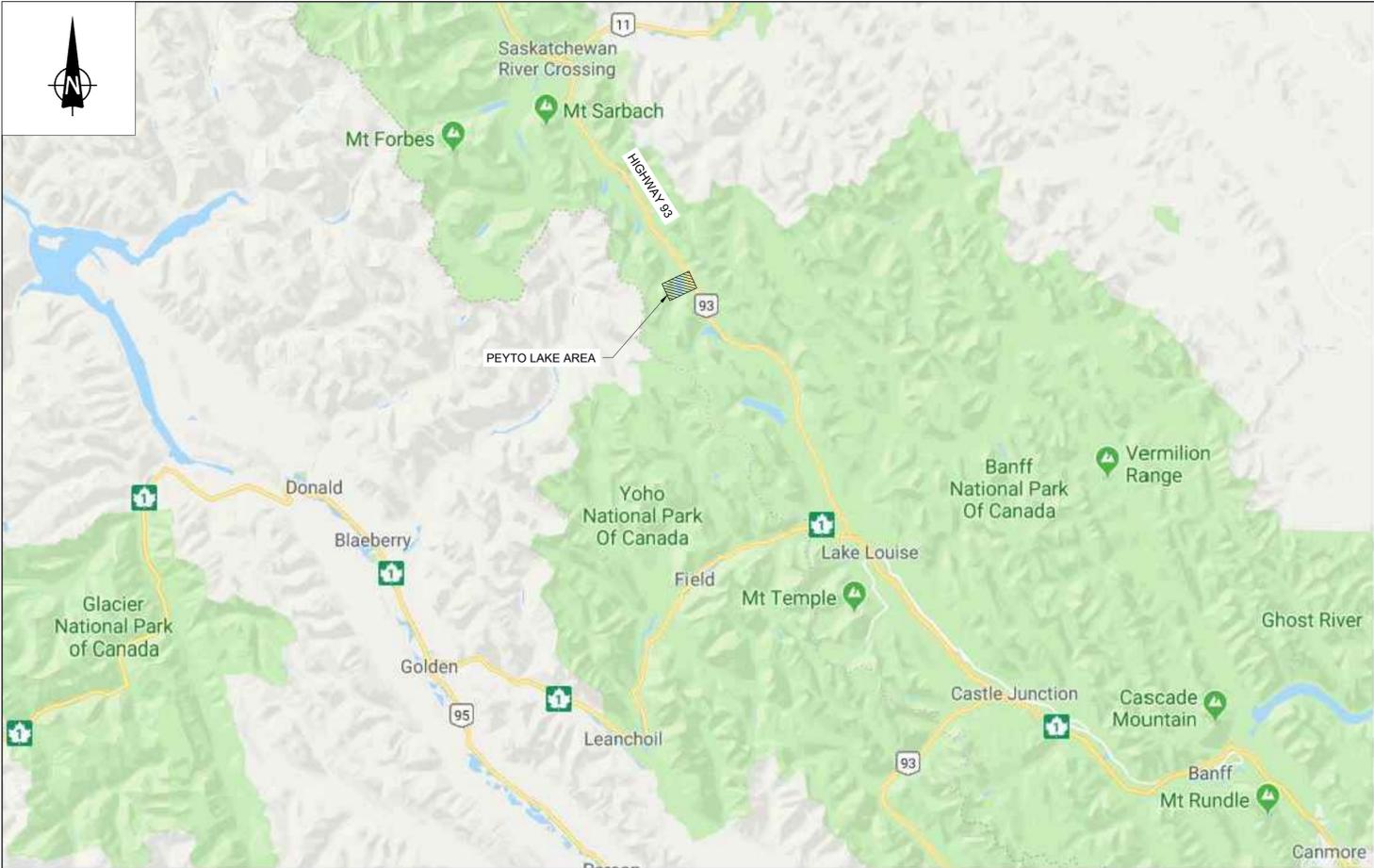


PARKS CANADA AGENCY

BANFF NATIONAL PARK PEYTO LAKE DAY USE AREA REHABILITATION (FII 1494) UPPER PARKING LOT AND TRAILS

SHEET LIST TABLE	
Drawing Number	Sheet Title
C-0000	COVER PAGE
C-0001	LEGEND
C-1005	UPPER PARKING LOT LAYOUT PLAN
C-1006	UPPER PARKING LOT REMOVALS PLAN
C-1007	UPPER PARKING LOT SETTING OUT AND GRADING PLAN
C-1008	UPPER PARKING LOT CROSS SECTIONS AND PAVEMENT DETAILS
C-2000	PATHWAY IMPROVEMENTS KEY PLAN
C-2001	PATHWAY IMPROVEMENTS AREA 1
C-2002	PATHWAY IMPROVEMENTS AREA 2
C-2003	PATHWAY DETAILS
L-1001	LANDSCAPE DETAILS
L-1002	LANDSCAPE SITE PLAN - UPPER PARKING LOT
L-1003	BENCH DETAILS
C-4000	PRIVY - GENERAL NOTES
C-4001	PRIVY FLOOR PLAN & ROOF FRAMING PLAN
C-4002	PRIVY BUILDING ELEVATIONS
C-4003	PRIVY BUILDING SECTIONS & DETAILS



ISSUED FOR TENDER

ISSUE DATE: 2020-06-18



Set No.: _____

PROJECT NUMBER	DRAWING NUMBER	ISSUE/REVISION
CT184101	C-0000	C

LEGEND

PROPOSED

ROADWAY (CENTRELINE)	
EDGE OF PAVEMENT	
EDGE OF GRAVEL	
CONCRETE BARRIER	
RETAINING WALL	
PROPERTY LINE	
CHAIN LINK FENCE	
POST & CABLE FENCE	
WOOD FENCE	
GUARD RAIL W-BEAM	
SAW-CUT	
BERM	
DITCH BOTTOM	
DAYLIGHT LINE	
GRADING	
DELINEATORS	
LOW PROFILE BARRIER	
CONCRETE CURB (STANDARD CURB)	
CONCRETE CURB (STANDARD CURB AND GUTTER)	
CONTOURS	
MAJOR	
MINOR	
CATCH BASIN	
CULVERT	
TRAFFIC DIRECTION	
WHEELCHAIR RAMP	
PAVEMENT ELEVATION	8.245
CONCRETE FILL	
CONCRETE PRIVY PAD	
ASPHALT PAVEMENT	
ASPHALT PATHWAY	
ASPHALT REMOVAL	
CONCRETE REMOVAL	
LANDSCAPE AREA	
MILLS & OVERLAY	
NO PARKING AREA	
CONCRETE PAVING	
TOPSOIL & TREE REMOVAL	
ASPHALT REMOVAL	

PROPOSED STORM	
PROPOSED SANITARY	
PROPOSED WATER	
PROPOSED GAS	
PROPOSED TELEPHONE	
PROPOSED CABLE LINE	
PROPOSED POWER LINE	
PROPOSED MANHOLE	
STREET LIGHT	
UTILITY POLE	
TRANSFORMER	
VAULT	
RELOCATED LIGHT	
RELOCATED LIGHT ON SIGNAL POLE	
EXISTING LIGHT TO BE RELOCATED	

EXISTING

EDGE OF GRAVEL	
PATHWAY	
POST & CABLE FENCE	
RESIDENTIAL WOOD FENCE	
CHAIN LINK FENCE	
CULVERT	
ALBERTA SURVEY CONTROL MARKER	
CONTROL POINT	
ELECTRICAL BOX	
ELECTRICAL PEDESTAL	
GLASS BUS SHELTER	
HYDRANT	
MANHOLE	
SIGN	
EXISTING LIGHT	
TRAFFIC LIGHT PEDESTAL	
TREE	
POWER POLE	
UTILITY POLE ANCHOR	
STORM	
SANITARY	
WATER	
GAS	
TELEPHONE	
CABLE LINE	
POWER LINE	

ABBREVIATIONS

AV	AVENUE	PC	TANGENT-CURVE INTERSECT
BC	BEGINNING CURVE	PCC	COMPOUND CURVE-CURVE INTERSECT
BOC	BACK OF CURB	PI	TANGENT-TANGENT INTERSECT
BP	ALIGNMENT BEGINNING POINT	PL	PLACE/PROPERTY LINE
BVC	VERTICAL TANGENT-CURVE INTERSECT	PPP	PRECISE POINT POSITIONING
BW	BACK OF WALK	PRC	RESERVE CURVE-CURVE INTERSECT
C	CURVE	PROF	PROFILE
C&G	CURB & GUTTER	PROP	PROPOSED
CB	CATCH BASIN	PT	CURVE-TANGENT INTERSECT
CC	CENTRE OF CURVE	PVC	POLYVINYL CHLORIDE
CON	CONCRETE	PVI	POINT OF VERTICAL INTERSECTION
CR	CRESCENT	R	RADIUS
CS	CURVE-SPIRAL INTERSECT	RD	ROAD
CSRS	CANADIAN SPATIAL REFERENCE SYSTEM	REV	REVERSE
CT	CURB TRANSITION	RGE	RANGE
CL	CENTRE LINE	ROW	RIGHT OF WAY
DR	DRIVE	RW	RETAINING WALL
E	EAST/EASTING	S	SOUTH
EB	EAST BOUND	S/W	SIDEWALK
EC	END CURVE	SB	SOUTH BOUND
EL	ELEVATION	SC	SPIRAL-CURVE INTERSECT
EOP	EDGE OF PAVMENT	SEC	SECTION
EP	ALIGNMENT END POINT	SHLD	SHOULDER
EVC	VERTICAL CURVE-TANGENT INTERSECT	SL	STREET LIGHT
EX	EXISTING	ST	STREET
FOC	FACE OF CURB	STA	STATION
FUT	FUTURE	STD	STANDARD
K	CURVE COEFFICIENT	T=	TANGENT LENGTH
L	LENGTH	TEMP	TEMPORARY
LOC	LIMIT OF CONSTRUCTION	TR	TRAIL
LOG	LIP OF GUTTER	TWP	TOWNSHIP
LVC	LENGTH OF VERTICAL CURVE	TYP	TYPICAL
m	METER	ULT	ULTIMATE
MH	MANHOLE	UR/W	UTILITY RIGHT OF WAY
MONO	MONOLTHIC SIDEWALK AND CURB & GUTTER	UTM	UNIVERSAL TRANSVERSE MERCATOR
N	NORTH/NORTHING	VAR	VARIES
NB	NORTH BOUND	W	WEST
NAD83	NORTH AMERICAN DATUM, 1983	WB	WEST BOUND
NRCan	NATURAL RESOURCES CANADA	WCR	WHEEL CHAIR RAMP



Consultant's Name Nom de l'expert-conseil Wood Environment & Infrastructure Solutions, a Division of Wood Canada Ltd. #401, 1925 - 18th Avenue NE Calgary, Alberta CANADA T2E 7T8 Tel: (403) 248-4331 Fax: (403) 248-2185	Eng. Stamp Sceau de l'ingénieur 
APEGA PERMIT NUMBER: 4546	

DO NOT SCALE DRAWINGS

revisions	description	date
C	ISSUED FOR TENDER	2006/18
B	ISSUED FOR 99% REVIEW	19/11/12
A	ISSUED FOR REVIEW	19/10/25

Client
PARKS CANADA AGENCY
 BANFF NATIONAL PARK, P.O. BOX 900
 BANFF, ALBERTA, T1L 1K2

project title
PEYTO LAKE DAY USE AREA REHABILITATION (FII 1494)

approved by
 designed by
J. HELLMAN
 drawn by
B. ONG
 PWGSC Project Manager
K. SHAW
 PWGSC, Architectural and Engineering Resources Manager

Client
PARKS CANADA AGENCY
 drawing title
LEGEND

project no. CT184101	sheet C-0001	revision no. C
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NOTES:

1. ALL SIGNING AND MARKING DETAILS SHALL FOLLOW M.U.T.C.D.C. AND PARKS CANADA GUIDELINES.
2. THIS DRAWING SHOWS ONLY SIGNING TO BE PERMANENT UPON PROJECT COMPLETION FOR EXISTING SIGN REMOVALS SEE SHEET C-1003. ALL SIGNS ARE TO BE BILINGUAL.
3. THE SHOWN TEXT/SYMBOLS SHALL BE PAINTED ON THE FINISHED PAVED SURFACE UNLESS OTHERWISE SPECIFIED BY THE DEPARTMENT REPRESENTATIVE.
4. ALL PAVEMENT MARKINGS SHALL BE WHITE UNLESS OTHERWISE SPECIFIED BY THE DEPARTMENT REPRESENTATIVE.
5. LOW PROFILE CURB STOP SHALL BE A LAFARGE TRAFFIC BARRIER, PRODUCT # 9003, OR EQUIVALENT APPROVED BY THE DEPARTMENT REPRESENTATIVE.



wood.

Consultant's Name
Nom de l'expert-conseil
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#401, 1925 - 18th Avenue NE
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Tel. (403) 248-4331
Fax (403) 248-2185



APEGA PERMIT NUMBER: 4546

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PARKS CANADA AGENCY

BANFF NATIONAL PARK, P.O. BOX 900
BANFF, ALBERTA, T1L 1K2

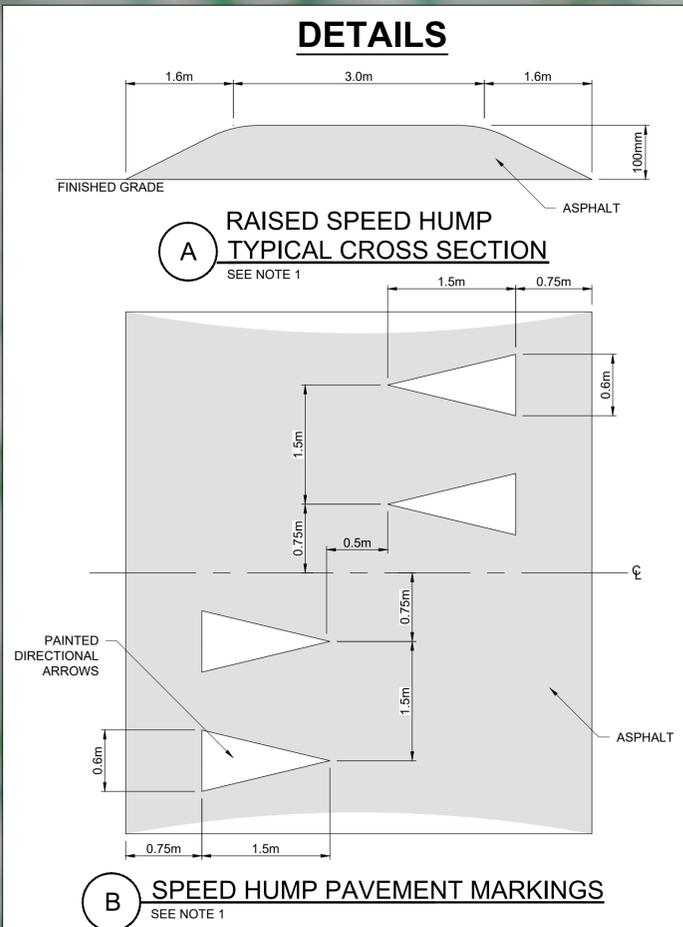
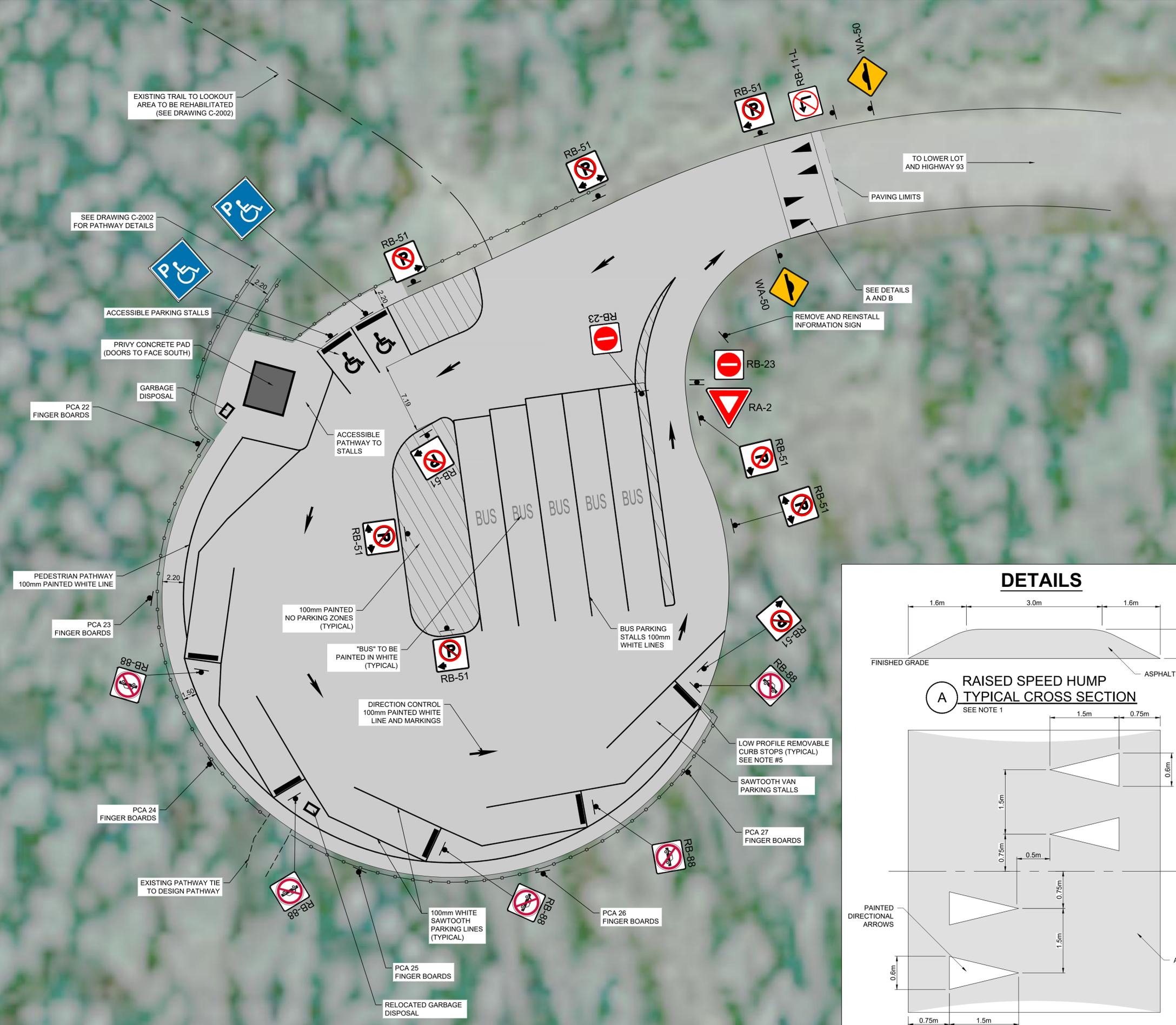
PEYTO LAKE DAY USE AREA REHABILITATION (FII 1494)

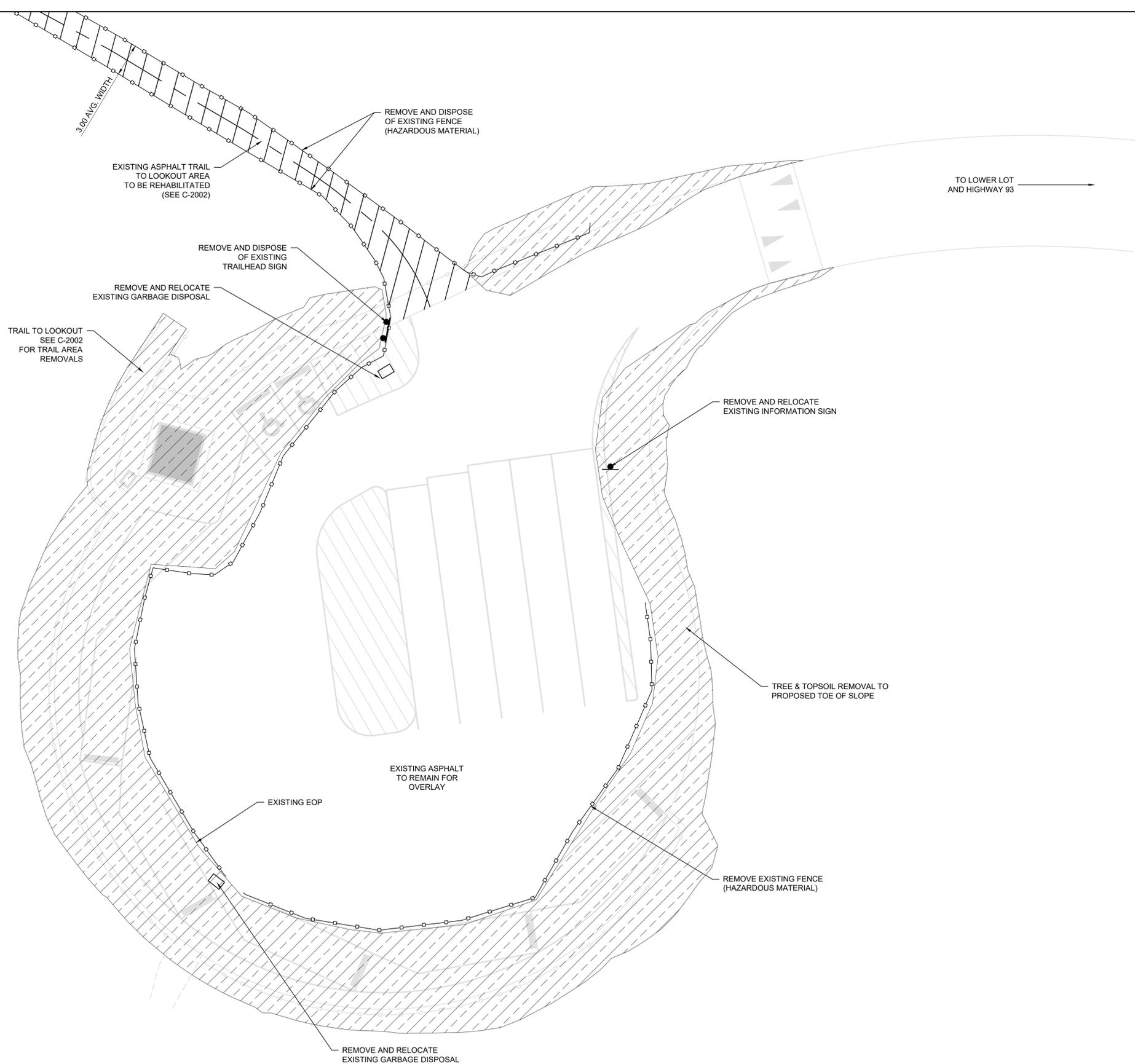
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PWGSC Project Manager
K. SHAW
PWGSC, Architectural and Engineering Resources Manager

Client
PARKS CANADA AGENCY

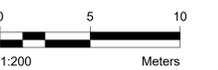
UPPER PARKING LOT LAYOUT PLAN

project no. CT184101	sheet C-1005	revision no. C
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NOTE:
 1. CONTRACTOR TO COMMUNICATE WITH THE DEPARTMENTAL REPRESENTATIVE IN CASE OF OTHER EXISTING SIGNS OR FEATURES AFFECTED BY CONSTRUCTION WORKS.



<p>Consultant's Name Nom de l'expert-conseil</p> <p>Wood Environment & Infrastructure Solutions, a Division of Wood Canada Ltd.</p> <p>#401, 1925 - 18th Avenue NE Calgary, Alberta CANADA T2E 7T8 Tel. (403) 248-4331 Fax (403) 248-2185</p> <p>APEGA PERMIT NUMBER: 4546</p>	<p>Eng. Stamp Sceau de l'ingénieur</p> 
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PARKS CANADA AGENCY
 BANFF NATIONAL PARK, P.O. BOX 900
 BANFF, ALBERTA, T1L 1K2

project title
PEYTO LAKE DAY USE AREA REHABILITATION (FII 1494)

approved by
 designed by
J. HELLMAN
 drawn by
B. ONG
 PWGSC Project Manager
K. SHAW
 PWGSC, Architectural and Engineering Resources Manager

Client
PARKS CANADA AGENCY
 drawing title
UPPER PARKING LOT REMOVALS PLAN

project no. CT184101	sheet C-1006	revision no. C
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Point #	Northing	Easting
100	5729644.122	534123.645
101	5729644.222	534124.388
102	5729644.008	534124.669
103	5729621.711	534127.687
104	5729621.430	534127.473
105	5729621.329	534126.730
106	5729618.781	534107.902
107	5729618.244	534103.938
108	5729620.815	534100.563
109	5729634.186	534098.753
110	5729639.143	534101.133
111	5729640.576	534103.643
112	5729639.804	534105.056
113	5729640.367	534104.980
114	5729640.877	534108.745
115	5729619.291	534111.667
116	5729641.480	534108.664
117	5729641.990	534112.429
118	5729619.800	534115.433
119	5729642.592	534112.348

Point #	Northing	Easting
120	5729643.102	534116.114
121	5729620.310	534119.199
122	5729643.612	534119.879
123	5729620.820	534122.964
124	5729618.702	534132.762
125	5729613.694	534127.698
126	5729603.205	534122.558
127	5729602.409	534118.047
128	5729598.667	534118.708
129	5729596.755	534107.875
130	5729598.600	534103.708
131	5729595.154	534102.107
132	5729599.790	534092.132
133	5729603.634	534089.723
134	5729601.700	534086.452
135	5729611.170	534080.855
136	5729615.473	534081.068
137	5729615.991	534077.304
138	5729626.888	534078.805
139	5729630.319	534081.772

Point #	Northing	Easting
140	5729637.449	534089.545
141	5729625.254	534082.416
142	5729612.121	534084.707
143	5729602.762	534094.754
144	5729600.698	534108.355
145	5729606.794	534120.720
146	5729670.092	534142.675
147	5729660.460	534145.442
148	5729597.988	534088.102
149	5729599.621	534085.833

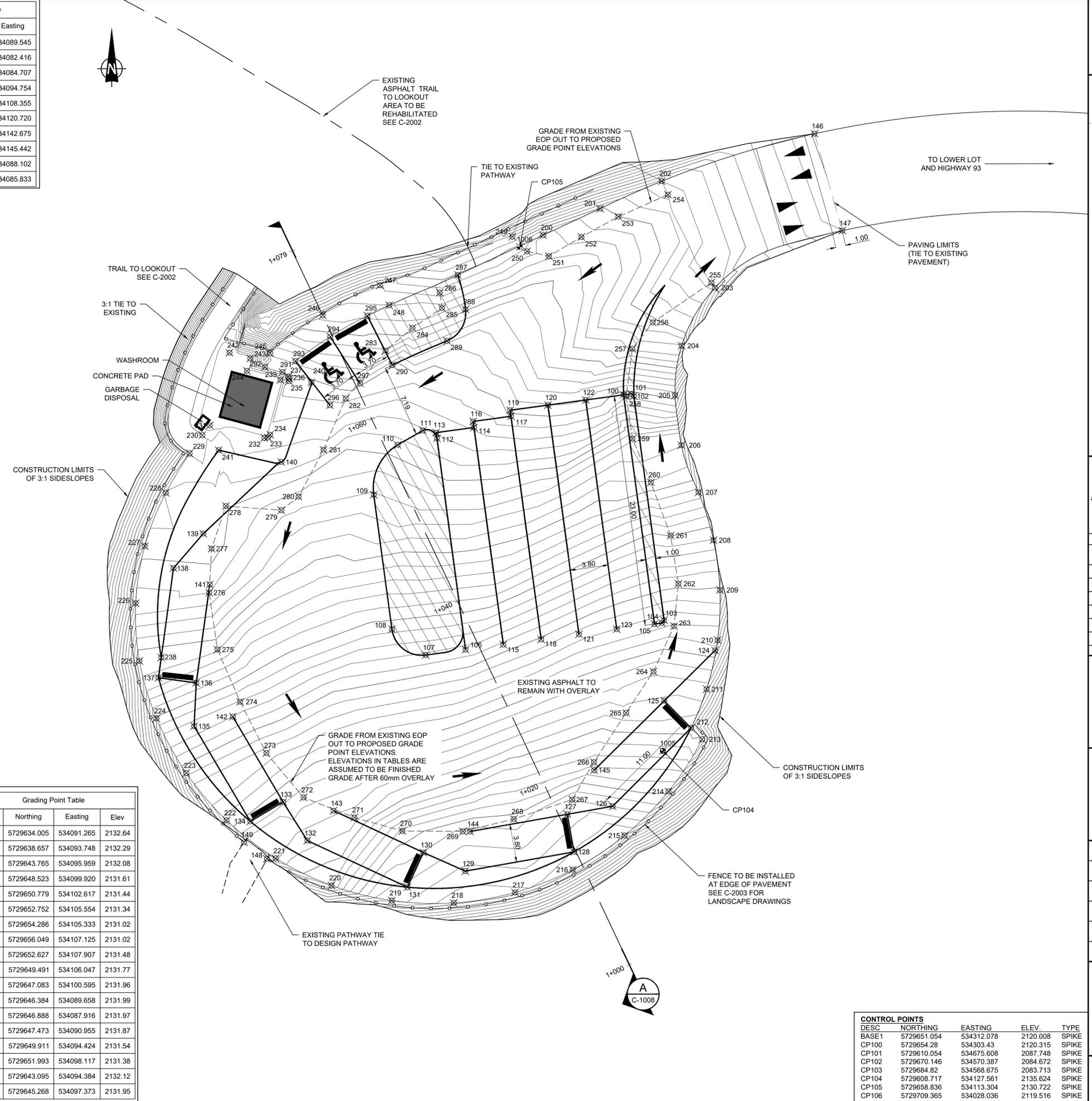
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200	5729660.004	534115.630	2131.24
201	5729662.644	534121.308	2131.02
202	5729665.378	534127.455	2130.74
203	5729654.773	534132.751	2130.68
204	5729649.004	534129.429	2131.21
205	5729644.070	534128.773	2131.94
206	5729639.113	534129.404	2132.80
207	5729634.428	534131.109	2133.14
208	5729629.664	534132.607	2133.61
209	5729624.712	534133.251	2134.02
210	5729619.724	534133.020	2134.36
211	5729614.852	534131.922	2134.74
212	5729610.992	534130.370	2134.95
213	5729609.866	534131.484	2135.01
214	5729604.679	534128.113	2135.48
215	5729600.293	534123.751	2136.01
216	5729596.895	534118.582	2135.97
217	5729594.629	534112.826	2135.93
218	5729593.593	534106.727	2135.96
219	5729593.829	534100.546	2135.78

Point #	Northing	Easting	Elev
220	5729595.328	534094.544	2135.10
221	5729598.025	534088.978	2134.78
222	5729601.808	534084.083	2134.43
223	5729606.514	534080.068	2134.08
224	5729611.943	534077.103	2133.52
225	5729617.652	534075.406	2133.09
226	5729623.397	534075.035	2132.60
227	5729629.083	534075.938	2132.42
228	5729634.376	534078.040	2132.40
229	5729638.316	534080.399	2132.23
230	5729640.113	534081.669	2132.26
231	5729641.085	534082.415	2132.34
232	5729639.835	534087.853	2132.25
233	5729639.884	534088.206	2132.25
234	5729640.156	534088.437	2132.25
235	5729645.479	534090.317	2132.02
236	5729645.727	534090.339	2132.01
237	5729645.954	534090.239	2132.01
238	5729617.993	534077.579	2133.09
239	5729645.604	534089.447	2132.39

Point #	Northing	Easting	Elev
240	5729645.350	534092.539	2132.02
241	5729638.624	534083.304	2132.34
242	5729648.313	534084.379	2132.39
243	5729647.747	534086.444	2132.39
244	5729646.507	534086.109	2132.39
245	5729648.265	534088.429	2131.87
246	5729652.032	534093.666	2131.36
247	5729655.016	534099.384	2131.17
248	5729653.035	534100.299	2131.30
249	5729659.849	534112.560	2130.82
250	5729658.395	534114.022	2131.14
251	5729657.919	534116.205	2131.27
252	5729659.820	534119.445	2131.15
253	5729661.848	534123.132	2131.00
254	5729664.028	534128.060	2130.77
255	5729655.286	534132.404	2130.66
256	5729651.327	534126.555	2131.02
257	5729648.699	534124.518	2131.28
258	5729643.983	534123.902	2132.09
259	5729639.770	534124.533	2132.68

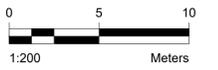
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260	5729635.414	534126.364	2132.90
261	5729630.120	534128.338	2133.50
262	5729625.337	534129.109	2133.97
263	5729621.121	534128.679	2134.32
264	5729616.598	534126.624	2134.68
265	5729612.486	534123.896	2134.84
266	5729607.591	534120.688	2135.26
267	5729603.873	534118.532	2135.69
268	5729601.934	534112.718	2135.55
269	5729600.704	534107.639	2135.63
270	5729600.744	534101.605	2135.43
271	5729602.090	534096.826	2134.85
272	5729604.082	534091.758	2134.65
273	5729608.501	534088.051	2134.24
274	5729613.596	534085.435	2133.71
275	5729618.790	534083.179	2133.09
276	5729624.448	534082.352	2132.60
277	5729628.822	534082.594	2132.45
278	5729633.062	534084.017	2132.48
279	5729632.646	534089.536	2132.67

Point #	Northing	Easting	Elev
280	5729634.005	534091.265	2132.64
281	5729638.657	534093.748	2132.29
282	5729643.765	534095.959	2132.08
283	5729648.523	534099.920	2131.61
284	5729650.779	534102.617	2131.44
285	5729652.752	534105.554	2131.34
286	5729654.286	534105.333	2131.02
287	5729656.049	534107.125	2131.02
288	5729652.627	534107.907	2131.48
289	5729649.491	534106.047	2131.77
290	5729647.083	534100.595	2131.96
291	5729646.384	534089.658	2131.99
292	5729646.888	534087.916	2131.97
293	5729647.473	534090.955	2131.87
294	5729649.911	534094.424	2131.54
295	5729651.993	534098.117	2131.38
296	5729643.095	534094.384	2132.12
297	5729645.268	534097.373	2131.95



NOTE:

1. THE SUITABLE EXCAVATED MATERIAL COULD BE USED BY THE CONTRACTOR AS FILL IF APPROVED BY THE DEPARTMENTAL REPRESENTATIVE. ANY EXCESS OF MATERIAL SHALL BE HAULED TO A DESIGNATED LOCATION OUTSIDE OF BANFF NATIONAL PARK AND A LETTER OF DISPOSAL IS TO BE SUBMITTED TO THE DEPARTMENTAL REPRESENTATIVE.
2. ELEVATIONS GIVEN ARE REPRESENTATIVE OF THE FINISHED ASPHALT ELEVATIONS.
3. SURVEY PERFORMED IN OCTOBER 2018. COORDINATES ARE IN UTM ZONE 11, NAD 83 (CSRS). CONTROL POINTS WERE ESTABLISHED USING NRCA'S PPP SERVICE.



Consultant's Name
Nom de l'expert-conseil
Wood Environment & Infrastructure Solutions, a Division of Wood Canada Ltd.
#401, 1925 - 18th Avenue NE
Calgary, Alberta CANADA T2E 7T8
Tel. (403) 248-4331
Fax (403) 248-2185

Eng. Stamp
Sceau de l'ingénieur
Professional Engineer
(Professional Engineering)
J. Hellman
19/11/12

APEGA PERMIT NUMBER: 4546

DO NOT SCALE DRAWINGS		
revision	description	date
C	ISSUED FOR TENDER	20/06/18
B	ISSUED FOR 90% REVIEW	19/11/12
A	ISSUED FOR REVIEW	19/10/25

Client
PARKS CANADA AGENCY
BANFF NATIONAL PARK, P.O. BOX 900
BANFF, ALBERTA, T1L 1K2

Project Title
PEYTO LAKE DAY USE AREA REHABILITATION (FII 1494)

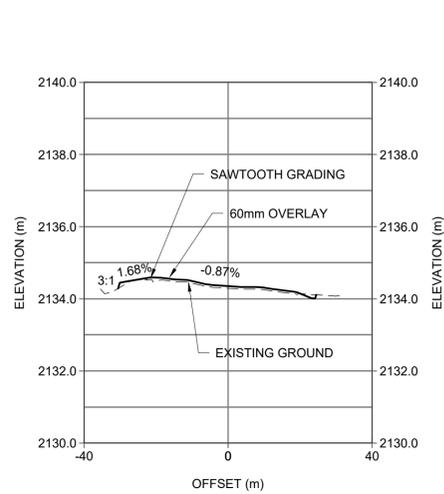
approved by
J. HELLMAN
designed by
B. ONG
drawn by
K. SHAW
PWGSC Project Manager
PWGSC, Architectural and Engineering Resources Manager

Client
PARKS CANADA AGENCY
Drawing Title
UPPER PARKING LOT SETTING OUT AND GRADING PLAN

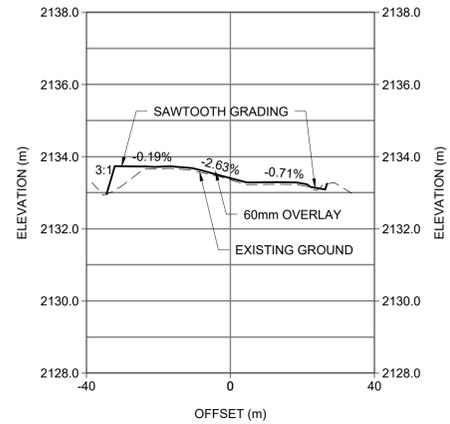
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CP100	5729654.28	534303.43	2120.315	SPIKE
CP101	5729610.054	534675.608	2087.748	SPIKE
CP102	5729670.146	534570.387	2084.672	SPIKE
CP103	5729684.82	534568.675	2083.713	SPIKE
CP104	5729608.717	534127.561	2135.624	SPIKE
CP105	5729658.836	534113.304	2130.722	SPIKE
CP106	5729709.365	534028.036	2119.516	SPIKE

project no.	sheet	revision no.
CT184101	C-1007	C

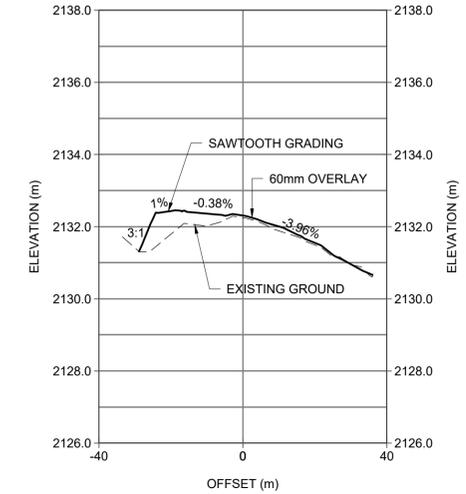
NOTE
 1. SURVEY PERFORMED IN OCTOBER 2018.
 COORDINATES ARE IN UTM ZONE 11, NAD 83 (CSRS). CONTROL POINTS WERE ESTABLISHED USING NRCAN'S PPP SERVICE.



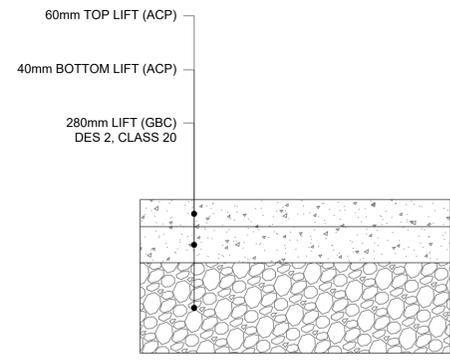
1+030



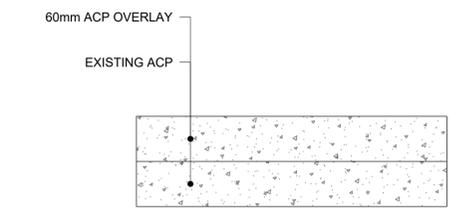
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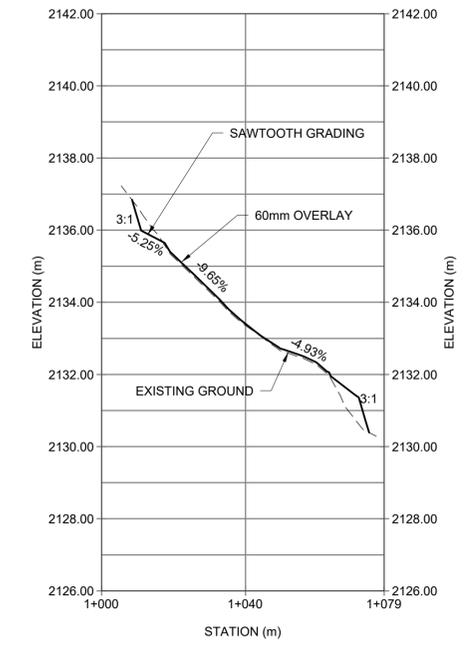
1+060



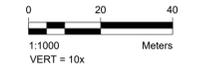
1 **NEW GRADED AREAS AT UPPER PARKING LOT**
NOT TO SCALE



2 **UPPER PARKING LOT OVERLAY**
NOT TO SCALE



SECTION A
C-1007



<p>Consultant's Name Nom de l'expert-conseil</p> <p>Wood Environment & Infrastructure Solutions, a Division of Wood Canada Ltd.</p> <p>#401, 1925 - 18th Avenue NE Calgary, Alberta CANADA T2E 7T8 Tel. (403) 248-4331 Fax (403) 248-2188</p> <p>APEGA PERMIT NUMBER: 4546</p>	<p>Eng. Stamp Sceau de l'ingénieur</p> 
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Client
PARKS CANADA AGENCY
BANFF NATIONAL PARK, P.O. BOX 900
BANFF, ALBERTA, T1L 1K2

project title
PEYTO LAKE DAY USE AREA REHABILITATION (FII 1494)

approved by
 designed by
J. HELLMAN
 drawn by
B. ONG
 PWGSC Project Manager
K. SHAW
 PWGSC, Architectural and Engineering Resources Manager

Client
PARKS CANADA AGENCY
 drawing title
UPPER PARKING LOT CROSS SECTIONS AND PAVEMENT DETAILS

project no.	sheet	revision no.
CT184101	C-1008	C



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Nom de l'expert-conseil
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L. Architect Stamp
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The Alberta Association of Landscape Architects
Matthew Williams

DO NOT SCALE DRAWINGS

revisions	description	date
C	ISSUED FOR TENDER	2012/24
B	ISSUED FOR 90% REVIEW	19/11/12
A	ISSUED FOR REVIEW	19/10/23

PARKS CANADA AGENCY
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BANFF, ALBERTA, T1L 1K2

PEYTO LAKE DAY USE AREA REHABILITATION (FII 1494)

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MW

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NS/CS/ZM

drawn by
NS/CS/YZ

PWCSC Departmental Representative
K. SHAW

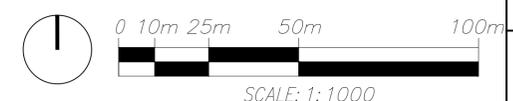
PWCSC Architectural and Engineering Resources Manager

Client
PARKS CANADA AGENCY

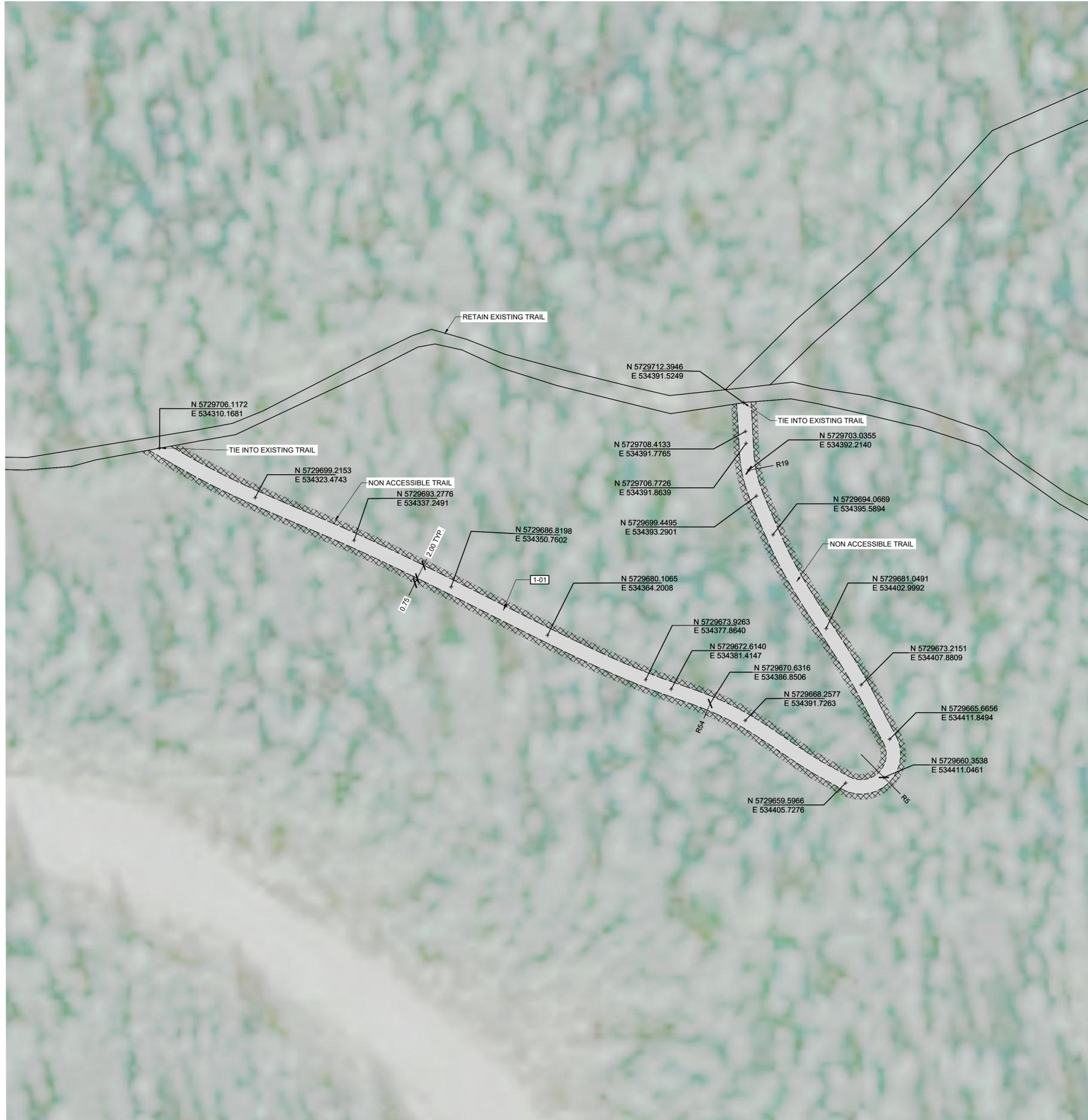
drawing title
PATHWAY IMPROVEMENTS KEY PLAN

LEGEND

-  PROPOSED TRAIL
-  EXISTING TRAIL
-  LIMIT OF SHEET LAYOUT



project no. CT184101	sheet C-2000	revision no. C
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REFERENCE NOTES SCHEDULE

SYMBOL	1 - PAVEMENT, RAMPS, CURBS DESCRIPTION	QTY	DETAIL
[1-01]	PROPOSED ASPHALT TRAIL	169.0 m	1/C-2003

PLANT SCHEDULE 1:300 AREA 1

GROUND COVERS	CODE	BOTANICAL / COMMON NAME	CONTAINER	SPACING	QTY
	SE	RESTORATION SEED MIX- REFER TO SPECIFICATIONS	N/A		376.6 m ²

PATHWAY IMPROVEMENTS GENERAL NOTES:

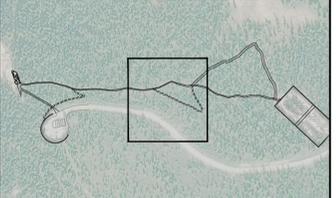
- A. PROJECT IS LOCATED IN AN AREA OF SENSITIVE VEGETATION. CONFINE EQUIPMENT AND WORKERS TO LIMIT DISTURBANCE TO SMALLEST AREA POSSIBLE.
- B. CONTRACTOR SHALL NOT REMOVE ANY TREES OTHER THAN THOSE DESIGNATED FOR REMOVAL WITHOUT PRIOR AGREEMENT BY PCA DEPARTMENTAL REPRESENTATIVE.
- C. ALL ITEMS NOT DESIGNATED TO BE REMOVED SHALL BE PROTECTED IN PLACE, INCLUDING THOSE NOT PROTECTED BY TREE PROTECTION FENCING OR SPECIFICALLY NOTED AS PROTECT IN PLACE.
- D. TREE PROTECTION FENCING TO BE INSTALLED PRIOR TO COMMENCING ANY OTHER WORK AND TO REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
- E. CONTRACTOR SHALL MAKE GOOD ANY DAMAGES CAUSED TO EXISTING NATURAL FEATURES AND LANDSCAPE IMPROVEMENTS AT CLOSE OF PROJECT.
- F. ANY DEVIATION FROM THE PATHWAY REALIGNMENT ON THIS DRAWING WILL NEED TO BE APPROVED BY THE PCA DEPARTMENTAL REPRESENTATIVE.
- G. ACCESSIBLE PATHWAY SHALL NOT EXCEED 5% SLOPE. NON-ACCESSIBLE PATHWAY REROUTE SHALL NOT EXCEED 10% SLOPE.

LEGEND

	PROPOSED TRAIL
	EXISTING TRAIL



KEY PLAN



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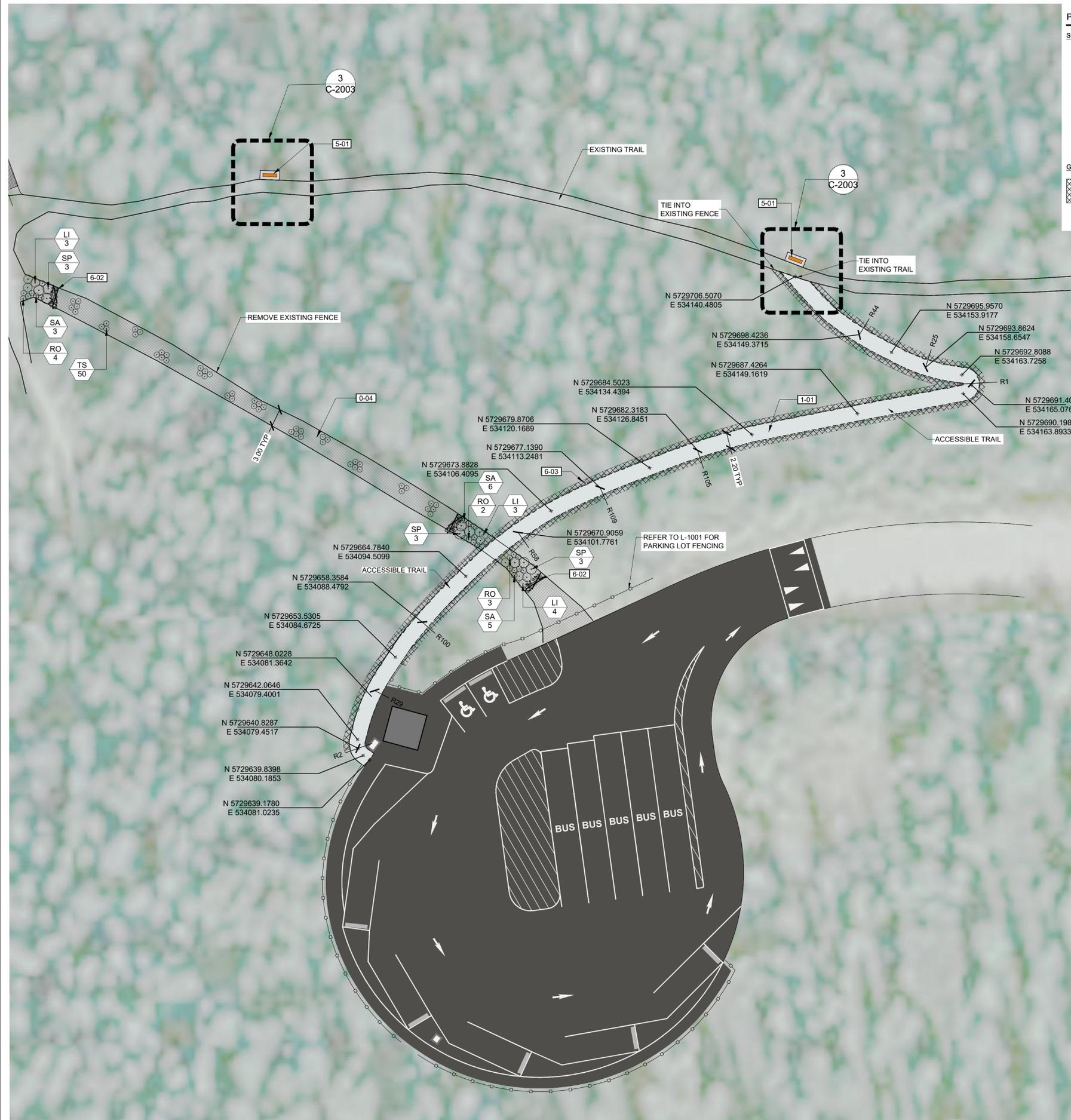
PWCSC Architectural and Engineering Resources Manager
K. SHAW

Client
PARKS CANADA AGENCY

drawing title

PATHWAY IMPROVEMENT- AREA 1

project no.	sheet	revision no.
CT184101	C-2001	C



PLANT SCHEDULE

SHRUBS	CODE	BOTANICAL / COMMON NAME	CONTAINER	I	SPREAD	SPACING	QTY
	LI	LONICERA INVOLUCRATA / BRACTED HONEYSUCKLE	#2 CONT.			1.20m	10
	RO	RIBES OXYCANTHOIDES / NORTHERN GOOSEBERRY	#2 CONT.			0.80m	9
	SP	SALIX DISCOLOR / PUSSY WILLOW	#2 CONT.			1.50m	9
	SA	SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY	#2 CONT.			0.80m	14
	TS	TRANPLANTED SHRUB - SPECIES TO BE DETERMINED ONSITE	20L	0.3M	0.3M	0.75m	50
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	CONTAINER			SPACING	QTY
	SE	RESTORATION SEED MIX- REFER TO SPECIFICATIONS	N/A				193.3 m ²

REFERENCE NOTES SCHEDULE

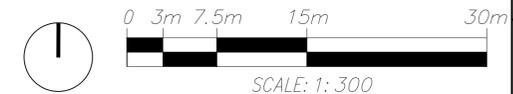
SYMBOL	DESCRIPTION	QTY	DETAIL
	0 - DEMOLITION AND SITE PREPARATION REMOVE AND REVEGETATE EXISTING TRAIL PER ABANDONED TRAIL CLOSURE DETAIL	268.6 m ²	2/C-2003
	1 - PAVEMENT, RAMPS, CURBS PROPOSED ASPHALT TRAIL	139.3 m	1/C-2003
	5 - SITE FURNITURE CUSTOM BENCH	2	1/L-1003
	6 - RAILINGS, BARRIERS, FENCING DEADFALL/DEBRIS PILE (APPROX. 5 SQ.M)	3	2/C-2003
	PROPOSED FENCE	375.3 m	4/C-2003

PATHWAY IMPROVEMENTS GENERAL NOTES:

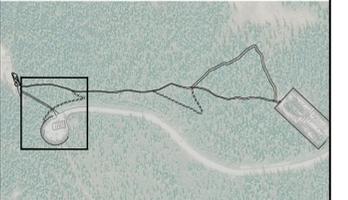
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- D. TREE PROTECTION FENCING TO BE INSTALLED PRIOR TO COMMENCING ANY OTHER WORK AND TO REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
- E. CONTRACTOR SHALL MAKE GOOD ANY DAMAGES CAUSED TO EXISTING NATURAL FEATURES AND LANDSCAPE IMPROVEMENTS AT CLOSE OF PROJECT.
- G. ACCESSIBLE PATHWAY SHALL NOT EXCEED 5% SLOPE.

LEGEND

	PROPOSED TRAIL
	EXISTING TRAIL
	PROPOSED FENCE



KEY PLAN



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PARKS CANADA AGENCY

BANFF NATIONAL PARK, P.O. BOX 900
BANFF, ALBERTA, T1L 1K2

project title

**PEYTO LAKE
DAY USE AREA
REHABILITATION (FII 1494)**

approved by
MW

designed by
NS/CS/ZM

drawn by
NS/CS/YZ

PAWOSC Departmental Representative

PAWOSC Architectural and Engineering Resources Manager
K. SHAW

Client
PARKS CANADA AGENCY

drawing title

PATHWAY IMPROVEMENT- AREA 2

project no.	sheet	revision no.
CT184101	C-2002	C

3.7 ABANDONED TRAILS



3.7 ABANDONED TRAIL RE-VEGETATION

Rehabilitating a trail may be necessary if trails have been neglected, or because of changes in management objectives or user requirements.

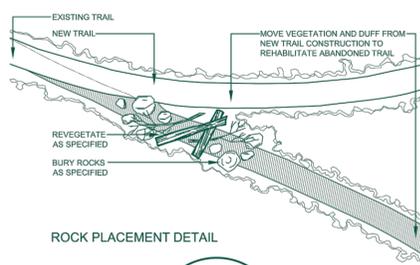
When a trail is designated to be re-vegetated, access to abandoned trail should be restricted using local materials. Bury rocks as instructed in the detail provided as to minimize unstable rocks which could become a safety hazard.

Trails should be scarified and seeded, with priority placed on the first 150 metres or within the line of sight. Re-vegetate abandoned trail with duff and excavated material from new trail construction. Regrade to meet existing grades.

Use approved seed-mixes to minimize the introduction of non-native or weedy plant species. Monitor progress of re-vegetation and treat weeds as required. standard trail maintenance practices should be implemented to ensure that interactions between wildlife and users are kept to a minimum.

PLAN

NOTE: REMOVE DUFF FROM NEW TRAIL CONSTRUCTION AND PLACE ON SCARIFIED EXISTING TRAIL FOR A MINIMUM DISTANCE OF 150m OR LIMIT OF LINE OF SIGHT AT BEGINNING AND END OF ABANDONED TRAIL.

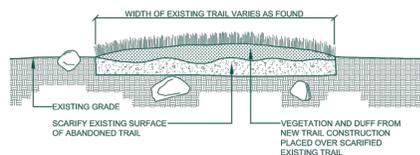


ROCK PLACEMENT DETAIL

NOTE: PLACE LOGS, BRUSH AND BOULDERS ACROSS OLD TRAIL INTERSECTION. BURY BOULDERS AS INDICATED HERE.



SECTION

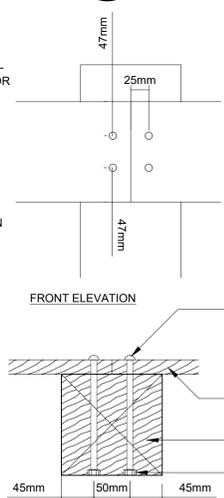


MOUNTAIN PARKS BACK COUNTRY DESIGN GUIDELINES

2 ABANDONED TRAIL CLOSURE

NTS

O2-01-56-PCA-01



6 FENCE ASSEMBLY

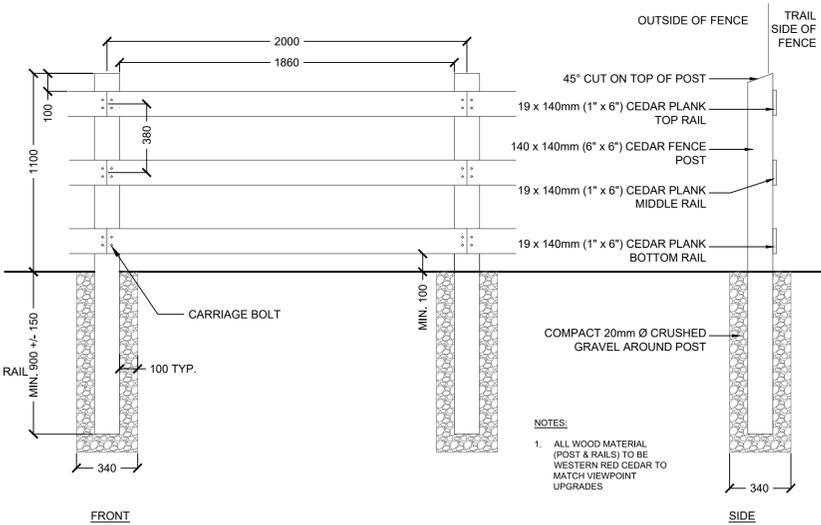
1:5

P-PE-81

4 TRAIL FENCE

1:20

P-PE-78



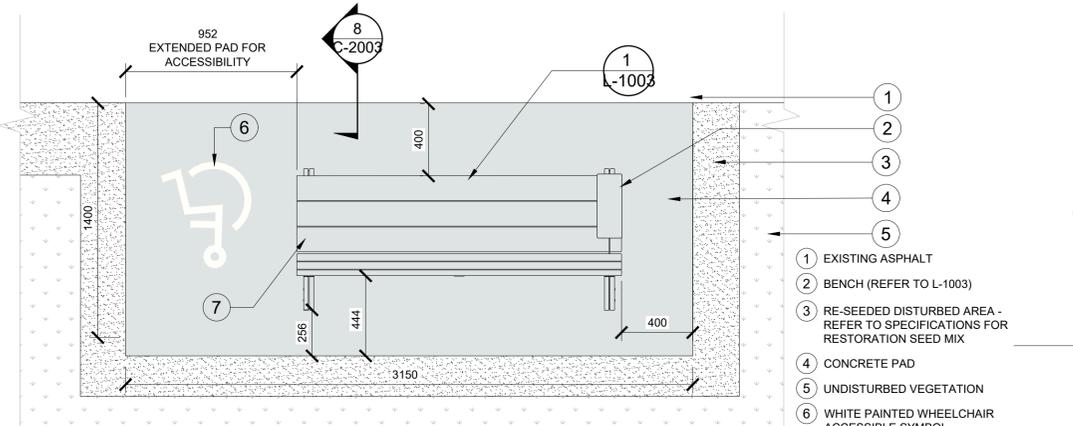
NOTES:

1. ALL WOOD MATERIAL (POST & RAILS) TO BE WESTERN RED CEDAR TO MATCH VIEWPOINT UPGRADES

1 ASPHALT TRAIL

1:10

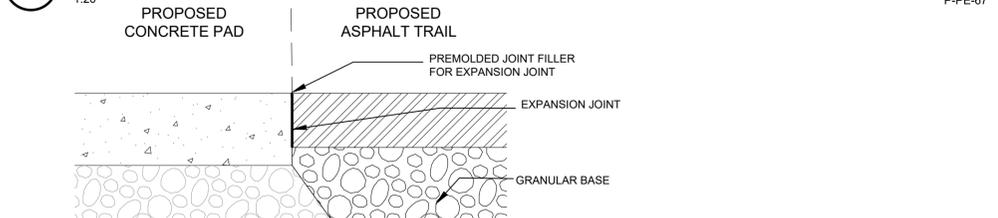
P-PE-63



3 REST AREA AND BENCH LAYOUT

1:20

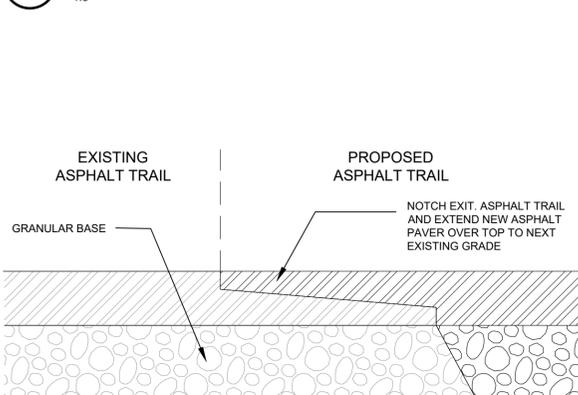
P-PE-67



8 PROPOSED ASPHALT TRAIL TO CONCRETE TIE IN DETAIL

1:5

P-PE-84



7 PROPOSED ASPHALT TRAIL TIE IN DETAIL

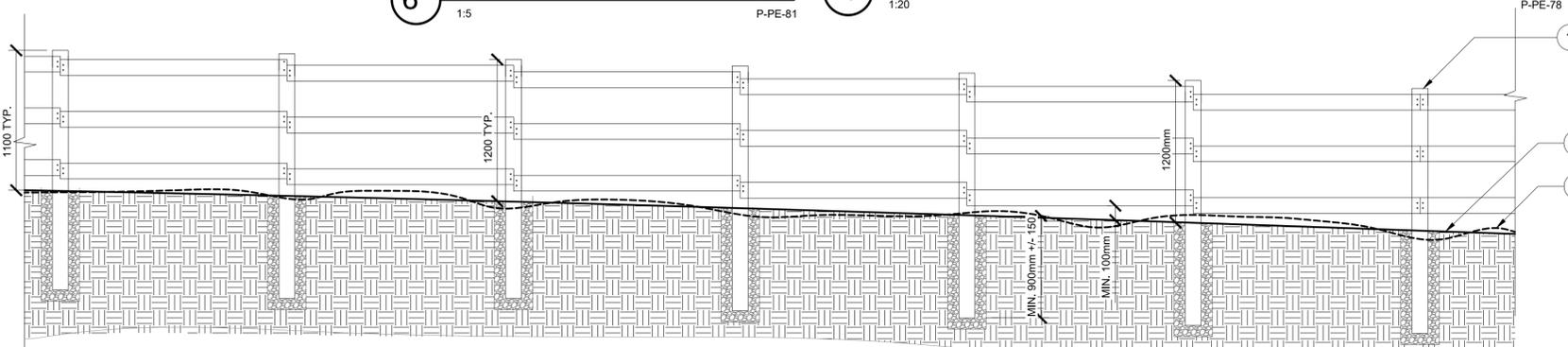
1:5

P-PE-83

5 FENCE LEVELING ELEVATION

1:30

P-PE-79



- 1 TOP OF FENCE TO BE CONSTRUCTED TO FOLLOW 'SMOOTHED LINE OF TOPOGRAPHY'.
- 2 SMOOTH FINISHED GRADE
- 3 LINE OF EXISTING TOPOGRAPHY SMOOTHED TO ELIMINATE ABRUPT CHANGES IN TOPOGRAPHY

NOTES:
AVOID LARGE STEPS IN THE FENCE.

DO NOT SCALE DRAWINGS

revisions	description	date
C	ISSUED FOR TENDER	20/02/24
B	ISSUED FOR 99% REVIEW	19/11/22
A	ISSUED FOR REVIEW	19/10/25

Client

PARKS CANADA AGENCY

BANFF NATIONAL PARK, P.O. BOX 900
BANFF, ALBERTA, T1L 1K2

project title

PEYTO LAKE DAY USE AREA REHABILITATION (FII 1494)

approved by

MW

designed by

NS/CS/ZM

drawn by

NS/CS/YZ

FWOSC Departmental Representative

FWOSC, Architectural and Engineering Resources Manager

Client

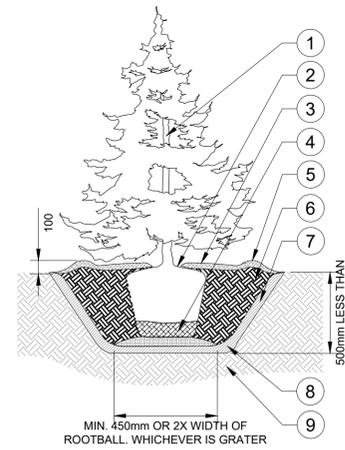
PARKS CANADA AGENCY

drawing title

PATHWAY DETAILS

project no. sheet revision no.

CT184101 C-2003 C



- 1 TREE TO BE SET PLUMB IN CENTRE OF TREE PIT.
- 2 TRUNK FLARE TO BE ABOVE FINISHED GRADE OF SOIL.
- 3 NATIVE SEED, REFER TO SPECIFICATIONS.
- 4 CUT WIRE BASKET, BEND BACK TOP LOOPS AND REMOVE BURLAP FROM TOP 1/3 OF ROOTBALL. REMOVE ALL TWINE AND NON BIODEGRADABLE MATERIAL. NOTE: IF BARE ROOT PRESENT, REMOVE BURLAP.
- 5 BERM OF PLANTING MEDIUM FORMING WATER DISH AROUND OUTSIDE EDGE OF ROOTBALL.
- 6 PLANTING TOPSOIL.
- 7 SCARIFY ALL SIDES AND BOTTOM OF PIT TO 150mm.
- 8 REMOVE ALL DELETERIOUS MATERIALS, INCLUDING GARBAGE, RUBBLE, DEBRIS, GRAVEL, ETC., FROM PLANTING PIT.
- 9 SUBGRADE

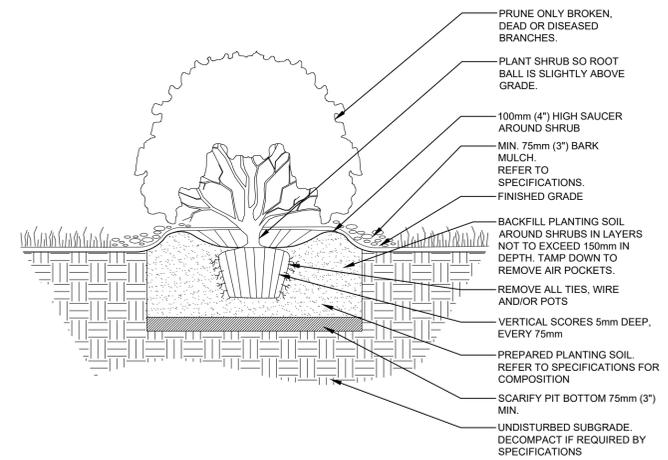
NOTES:

1. WATER THOROUGHLY AFTER INSTALLATION.
2. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.
3. POSITION CROWN OF ROOT BALL 50mm ABOVE FINISHED GRADE TO ALLOW FOR SETTLEMENT.
4. DO NOT DAMAGE OR CUT LEADER.
5. IF STAKING IS DEEMED NECESSARY REFER TO TREE STAKING DETAIL.

1 CONIFEROUS TREE DETAIL - NURSERY STOCK

1:40

P-PE-77



- 1 PRUNE ONLY BROKEN, DEAD OR DISEASED BRANCHES.
- 2 PLANT SHRUB SO ROOT BALL IS SLIGHTLY ABOVE GRADE.
- 3 100mm (4") HIGH SAUCER AROUND SHRUB
- 4 MIN. 75mm (3") BARK MULCH.
- 5 REFER TO SPECIFICATIONS.
- 6 FINISHED GRADE
- 7 BACKFILL PLANTING SOIL AROUND SHRUBS IN LAYERS NOT TO EXCEED 150mm IN DEPTH. TAMP DOWN TO REMOVE AIR POCKETS.
- 8 REMOVE ALL TIES, WIRE AND/OR POTS
- 9 VERTICAL SCORES 5mm DEEP, EVERY 75mm
- 10 PREPARED PLANTING SOIL. REFER TO SPECIFICATIONS FOR COMPOSITION
- 11 SCARIFY PIT BOTTOM 75mm (3") MIN.
- 12 UNDISTURBED SUBGRADE. DECOMPACT IF REQUIRED BY SPECIFICATIONS

2 SHRUB PLANTING DETAIL

1:30

P-PE-01



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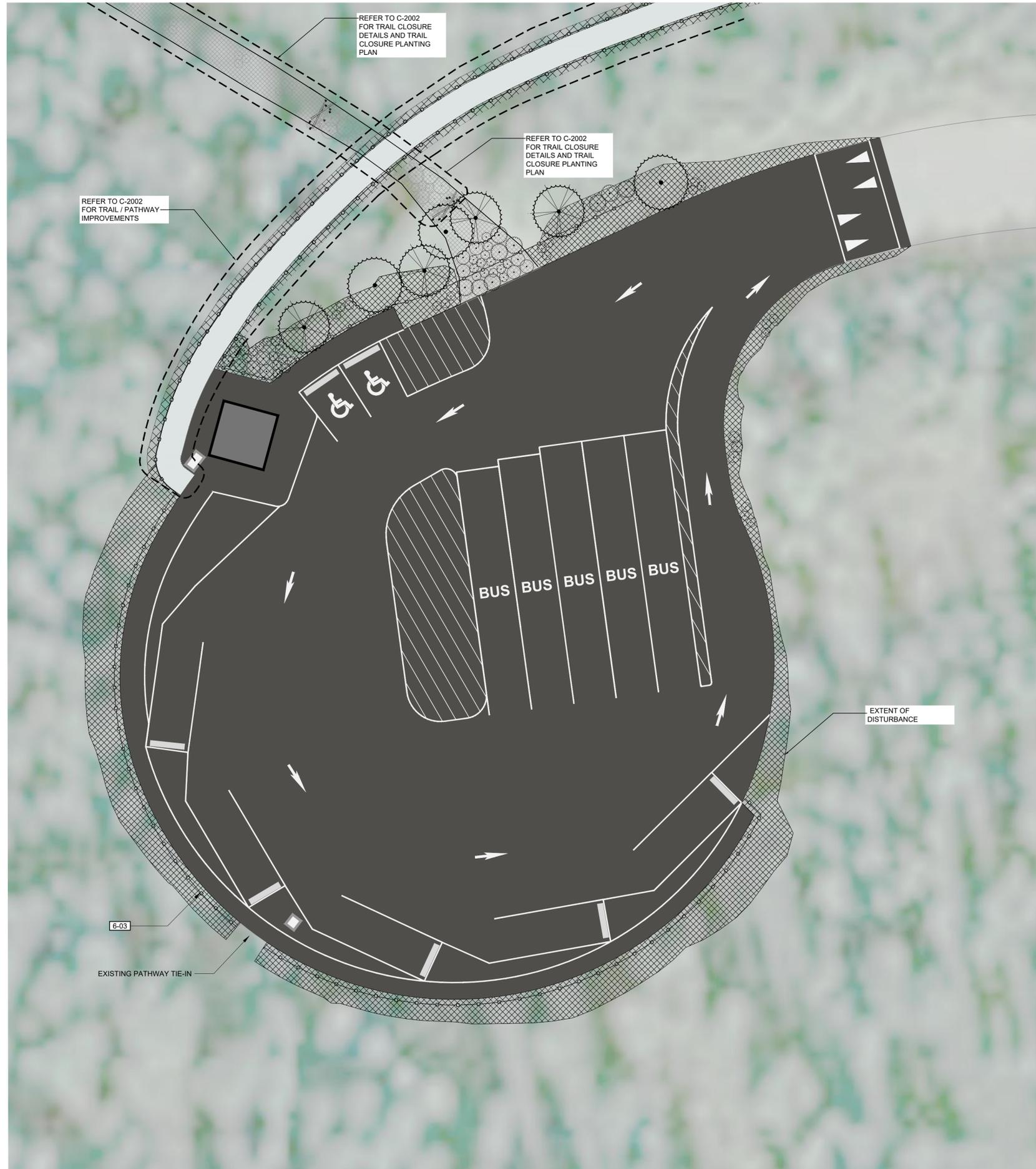
PWOSC Departmental Representative

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K. SHAW

Client
PARKS CANADA AGENCY

drawing title
LANDSCAPE DETAILS

project no.	sheet	revision no.
CT184101	L-1001	C



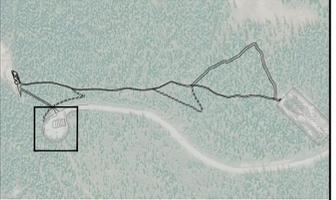
REFERENCE NOTES SCHEDULE

SYMBOL	6 - RAILINGS, BARRIERS, FENCING DESCRIPTION	QTY	DETAIL
	[6-03] PROPOSED FENCE	137.6 m	4/C-2003

PLANT SCHEDULE

TREES	CODE	BOTANICAL / COMMON NAME	CONTAINER	SIZE	QTY	
	PG	PICEA GLAUCA / WHITE SPRUCE	N/A	1.5M	4	
	PS	PINUS CONTORTA / LODGEPOLE PINE	N/A	1.5M	3	
SHRUBS	CODE	BOTANICAL / COMMON NAME	CONTAINER	SPREAD	SPACING	QTY
	BG	BETULA GLANDULOSA / DWARF BIRCH	#2 CONT.		1m	6
	LI	LONICERA INVOLUCRATA / BRACED HONEYSUCKLE	#2 CONT.		1.20m	9
	RO	RIBES OXYCANTHOIDES / NORTHERN GOOSEBERRY	#2 CONT.		0.80m	22
	SP	SALIX DISCOLOR / PUSSY WILLOW	#2 CONT.		1.50m	9
	SA	SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY	#2 CONT.		0.80m	23
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	CONTAINER	SPACING	QTY	
	SE	RESTORATION SEED MIX- REFER TO SPECIFICATIONS	N/A		522.3 m ²	

KEY PLAN



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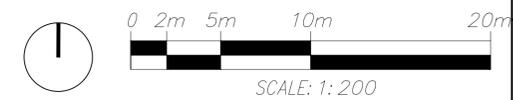
PMOSC Departmental Representative
K. SHAW

PMOSC Architectural and Engineering Resources Manager

Client
PARKS CANADA AGENCY

drawing title
LANDSCAPING SITE PLAN - UPPER PARKING LOT

project no.	sheet	revision no.
CT184101	L-1002	C



GENERAL NOTES

1. READ THE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER PERTINENT CONTRACT DOCUMENTS.
2. ALL DIMENSIONS ARE IN METRIC UNITS UNLESS NOTED. THE CONTRACTOR SHALL VERIFY DIMENSIONS BEFORE CONSTRUCTION AND REPORT DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE DRAWINGS.
3. THE DESIGN AND CONSTRUCTION AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA 2015 AND REFERENCED STANDARDS THEREIN. ALL REFERENCED STANDARDS SHALL BE THE LATEST EDITION.
4. REFER TO THE OTHER PROJECT DRAWINGS FOR LOCATIONS AND DIMENSIONS OF COMPONENTS NOT SHOWN ON THE PRIVY AND VIEWPOINT DRAWINGS. REPORT DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
5. CONTRACTOR TO CONFIRM WITH EQUIPMENT SUPPLIERS DIMENSIONS AND ALL OTHER CRITICAL DETAILS PRIOR TO CONSTRUCTION. REPORT DISCREPANCIES AND OBTAIN APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.
6. NOTIFY THE DEPARTMENTAL REPRESENTATIVE 48 HOURS IN ADVANCE OF CONCRETE POURS FOR SITE REVIEW.
7. DRAWINGS SHOW COMPLETED STRUCTURES ONLY. PROVIDE TEMPORARY BRACING FOR CONSTRUCTION LOADING CONDITIONS AND STABILITY OF THE STRUCTURE DURING CONSTRUCTION. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS.
8. CONSTRUCTION METHODS REQUIRING TEMPORARY SHORING, OR BRACING, SHALL BE SUBMITTED TO THE DEPARTMENTAL REPRESENTATIVE FOR REVIEW. THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER, REGISTERED IN THE PROVINCE OF ALBERTA TO PERFORM AND TAKE RESPONSIBILITY FOR ANY SHORING OR OTHER DESIGNS REQUIRED TO COMPLETE THE CONSTRUCTION.
9. CONTRACTOR TO VERIFY LOCATION OF UNDERGROUND SERVICES AND BE RESPONSIBLE FOR DISRUPTIONS.

DESIGN LOADS

- | | | |
|----------------------------------|--|---------|
| 1. DEAD LOADS: | ACTUAL | |
| 2. LIVE LOADS: | PRECAST PRIVY SLAB | 4.8 kPa |
| 3. SNOW LOADS: | Ss = 5.5 kPa
Sr = 0.1 kPa
Is = 1 (ULS)
Is = 0.9 (SLS)
MODIFY FOR EXPOSURE AND DRIFT AS PER NBCC 2015 | |
| 4. WIND LOADS: | q(1/50) = 0.33 kPa
q(1/10) = 0.25 kPa
lw = 1 (ULS)
lw = 0.75 (SLS)
MODIFY FOR EXPOSURE AS PER NBCC 2015 | |
| 5. SEISMIC LOADS: | SITE CLASS D (ASSUMED)
Sa(0.2) = 0.25
Sa(0.5) = 0.14
Sa(1.0) = 0.07
Sa(2.0) = 0.04
PGA = 0.13
Ie = 1 (ULS) | |
| 6. CONCRETE SELF-WEIGHT BASED ON | Y = 24 kN/m3 | |

EXCAVATION & BACKFILL

1. EXCAVATE TO LINES AND LEVELS NECESSARY TO COMPLETE THE WORK. MINIMUM SIDE SLOPES OF TEMPORARY EXCAVATIONS SHALL NOT EXCEED 1:0H:1.0V OR AS RECOMMENDED IN THE GEOTECHNICAL REPORT. CONTROL EXCAVATION TO ENSURE BOTTOM OF EXCAVATION DOES NOT SOFTEN DUE TO EXCESS MOISTURE.
2. DO NOT PLACE BACKFILL ON FROZEN GROUND, NOR USE FROZEN MATERIAL.
3. MAINTAIN OPTIMUM MOISTURE CONTENT TO PERMIT COMPACTION TO ATTAIN SPECIFIED DENSITIES. PROTECT BACKFILLED GRADE, DURING AND AFTER COMPLETION OF BACKFILL OPERATION, FROM SOFTENING DUE TO EXCESS MOISTURE.
4. ALL BACKFILL SHALL BE COMPACTED USING MECHANICAL EQUIPMENT. DO NOT COMPACT BACKFILL WITHIN 0.3m OF PRECAST TANK. FROM 0.3m TO 1.5m AWAY FROM PRECAST TANK, COMPACT WITH A WALK-BEHIND VIBRATORY ROLLER WITH A MAXIMUM WEIGHT OF 1000kg.

CAST-IN-PLACE CONCRETE

1. PROVIDE CONCRETE AND PERFORM WORK IN ACCORDANCE WITH CSA-A23. THE CONTRACTOR SHALL HAVE A COPY OF THIS STANDARD ON SITE AT ALL TIMES.
2. ALL CONCRETE SHALL BE NORMAL-DENSITY WITH NORMAL-DENSITY FINE AND COARSE AGGREGATE AND BE PROPORTIONED TO MEET THE FOLLOWING REQUIREMENTS:

PRECAST CONCRETE VAULT (TANK) & FLOOR

1. DESIGN AND BUILD PRECAST: REINFORCED 40 MPA CONCRETE VAULT AND SLABS TO EXTERIOR DIMENSIONS AND OPENINGS AS INDICATED. VAULT IS TO CONTAIN HUMAN WASTES AND WILL BE SET ON A VARIETY OF SOIL TYPES AND CONDITIONS. PRODUCT SHALL BE MANUFACTURED & FINISHED TO MEET CAN/CSA A23.4/A251.
2. DESIGN AND BUILD FLOOR SLAB: DESIGN FOR 4.8 KPA LIVE LOAD. DESIGN REINFORCED SLAB AS PER CSA A23.3/ A23.4/ A251. PROVIDE CAST-IN OPENINGS, SCREENS & ANCHORS AS REQUIRED.
3. DESIGN AND BUILD THE EXTERIOR SLAB DEPENDENT OF VAULT AND VAULT SLAB.
4. FLOOR AND EXTERIOR SLAB TO BE DARK GREY COLOURED CONCRETE AND HAVE LIGHT BROOM FINISH.
5. CONTRACTOR MAY PROVIDE A DIFFERENT DIMENSION OF THE VAULT AND SLAB FLOOR. VAULT SIZE SHALL BE MIN. 5800 LITRE (1500 US GALLON) CAPACITY. THE CONTRACTOR MAY CHANGE SIZES TO SUIT THE VAULT AND SLAB DIMENSIONS. THE SIZE OF THE BUILDING DOES NOT CHANGE.
6. SUBMIT SHOP DRAWINGS OF THE PRECAST VAULT AND SLAB FOR REVIEW AFTER CONTRACT AWARDED. SHOP DRAWINGS TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN ALBERTA.
7. THE BOTTOM OF THE VAULT SHALL BE SLOPED AT LEAST 5%, IN ONE POUR WITH THE VAULT'S WALL. CONCRETE POUR INTO THE FLAT BOTTOM VAULT TO ACHIEVE / BUILD UP THE DESIRED SLOPE IS NOT ACCEPTABLE.
8. CAST IN PLACE ALL REQUIRED ANCHORS AND CONNECTIONS. ELEVATION AT TOP OF FLOOR SLAB TO BE AT LEAST 200MM ABOVE SURROUNDING GROUND SURFACE AND TO ENSURE POSITIVE DRAINAGE AWAY FROM THE NEW PUMPOUT UNIT.

PRECAST WALL PANELS

1. INTERIOR DIMENSIONS AS SHOWN ON DRAWINGS ARE MINIMUM.
2. PROVIDE PRECAST, REINFORCED 40MPa CONCRETE WALL PANELS.
3. DIMENSIONS AND OPENINGS AS INDICATED.
4. PRODUCT SHALL BE MANUFACTURED & FINISHED TO MEET CAN/CSA A23.4/A251.
5. PRECAST WALL PANELS TO BE DESIGNED AS LOAD-BEARING WALLS FOR ALL APPLICABLE GRAVITY AND LATERAL LOADS.
6. SUBMIT SHOP DRAWINGS OF THE PRECAST WALL PANELS FOR REVIEW AFTER CONTRACT AWARD. SHOP DRAWINGS TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN ALBERTA.

CONCRETE ACCESSORIES

1. EXPANSION ANCHORS: OF DIAMETER SHOWN AND STANDARD EMBEDMENT U.N.O. SHEAR AND TENSION CAPACITIES ARE BASED ON HILTI KWIK BOLT 3 (KB3) EXPANSION ANCHORS. SUBMIT ANCHOR LOAD RESISTANCE DATA FOR ALTERNATE PRODUCTS FOR REVIEW BY DEPARTMENTAL REPRESENTATIVE A MINIMUM OF 2 WEEKS PRIOR TO INTENDED USE.
2. EPOXY ANCHORS: OF DIAMETER SHOWN AND STANDARD EMBEDMENT U.N.O. SHEAR AND TENSION CAPACITIES ARE BASED ON HILTI HY200 + HIT-Z SUPER HARDWARE. SUBMIT ANCHOR LOAD RESISTANCE DATA FOR ALTERNATE PRODUCTS FOR REVIEW BY DEPARTMENTAL REPRESENTATIVE A MINIMUM OF 2 WEEKS PRIOR TO INTENDED USE.
3. SLAB-ON-GRADE SEALANT: ONE-COMPONENT, SELF-LEVELING, POLYURETHANE SEALANT. USE SEALANT TO FILL SLAB-ON-GRADE SAWCUTS.

CONCRETE REINFORCEMENT

1. REINFORCING STEEL SHALL BE BILLET STEEL CONFORMING TO CSA-G30.18 GRADE 400.
2. WELDABLE REINFORCING BARS SHALL CONFORM TO CSA-G30.18 GRADE 400W. WELDING OF REINFORCING STEEL SHALL CONFORM TO CSA-W186.
3. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI DETAILING MANUAL OR THE REINFORCING STEEL INSTITUTE OF CANADA DETAILING MANUAL.
4. 90° HOOKS AND 180° HOOKS WHERE SHOWN SHALL BE DETAILED AS STANDARD HOOKS UNLESS NOTED OTHERWISE.
5. CONCRETE COVER TO REINFORCING STEEL SHALL CONFORM TO THE MOST STRINGENT REQUIREMENT LISTED BELOW UNLESS NOTED OTHERWISE:

CONCRETE CAST AGAINST EARTH	75mm
EXTERIOR APRONS AND CONCRETE PADS	
TOP BARS	60mm
BOTTOM BARS	75mm

6. REINFORCING STEEL BAR LAPS SHALL BE CLASS B TENSION SPLICES PER CSA-A23.1 UNLESS NOTED OTHERWISE.

TIMBER

1. WOOD CONSTRUCTION SHALL CONFORM TO CSA-086 AND THE NATIONAL BUILDING CODE OF CANADA 2015.
2. WOOD FRAMING MATERIAL (UNLESS NOTED OTHERWISE): DOUGLAS FIR-LARCH No.1/No.2 OR SPF No.1/No.2.
3. SHEATHING MATERIAL: TONGUE AND GROOVE DOUGLAS FIR PLYWOOD TO CSA-O121 OR CANADIAN SOFTWOOD PLYWOOD TO CSA-O151.
4. ROUGH CARPENTRY: MATERIALS TO PROFILES, DIMENSIONS, AND LOADS ARE SHOWN ON THE DRAWINGS. SUPPLIER SHALL DESIGN CONNECTIONS FOR LOADS SHOWN ON THE DRAWINGS. SUBMIT SHOP DRAWINGS OF MEMBERS AND CONNECTIONS FOR REVIEW, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF ALBERTA. SHOP DRAWINGS SHALL INDICATE DESIGN LOADS, LUMBER SPECIES AND GRADES, LAYOUT, JOINT DETAILS AND CONNECTOR CAPACITIES.
5. FRAMING ANCHORS AND TIES: AS MANUFACTURED BY SIMPSON STRONGTIE (WWW.STRONGTIE.COM). ALTERNATE ANCHORS AND TIES SHALL NOT BE USED UNLESS APPROVED BY THE DEPARTMENTAL REPRESENTATIVE.
6. ALL WOOD AND BLOCKING IN CONTACT WITH EARTH, CONCRETE, OR WEATHER SHALL BE PRESSURE TREATED TO PWF STANDARDS.

OTHERS

1. VENT PIPE: HIGH DENSITY POLYETHYLENE CORRUGATED EXTERIOR RIB WITH SMOOTH INTERIOR WALLS. UV RESISTANCE WITH A MIN 2% CARBON BLACK ADDITIVE. SIMILAR TO BOSS 2000 OR APPROVED EQUIVALENT. DESIGN LOCATION OF HOLE IN FLOOR SLAB TO FIT LOCATION OF THE VENT PIPE. STRAPPING SUPPORT TO FASTEN TUBE TO BUILDING SHALL BE GALVANIZED OR STAINLESS STEEL. METAL PLATE COLLAR TO SUPPORT THE TUBE TO FLOOR TO BE BLACK AND BOLTED TO THE FLOOR. PRIME AND PAINT BLACK.
2. TOILET RISER PER STALL: COMPLETE WITH FLIP-UP SEAT AND COVER. SIMILAR TO ZEE BEST (EDMONTON) OR APPROVED EQUIVALENT. PROVIDE STAINLESS STEEL SAFETY BAR ON THROAT OF TOILET RISER. DESIGN AND PLACE HOLE / TOILET RISER SO THAT THE FLIP UP SEAT WILL TOUCH THE GRAB BAR WITHOUT FORCING IT.
3. BUTYL JOINT SEALANT: SEALANT SHALL BE MADE OF BUTYL RUBBER MATERIAL IN FLEXIBLE ROPE TO MEET OR EXCEED ALL REQUIREMENTS OF AASIO M198 AND ASTM C990 SECTION 6.2. OTHER ELEMENTS REQUIRED TO ENCLOSE AND WATERPROOF THE COMPLETE WALL/ROOF STRUCTURE, INCLUDING FLASHING AND CAULKING. CAULKING BOTH SIDES OF THE WALL PANELS.
4. HYDROSTATIC LEAKAGE TEST: REFER TO SPECIFICATION SECTION 03 01 30.52

WASHROOM PARTITIONS AND DIVIDING PANELS

1. SOLID PLASTIC TYPE. STAINLESS STEEL FITTINGS: COMPLETE WITH HEAVY DUTY NON LUBRICATING HINGES, DOOR SWING AS INDICATED. ROBE HOOK, FLOOR ANCHORED AND OVERHEAD -RAILS BRACED AND HEAVY DUTY SLIDE LATCH. DESIGN TO MEET CAN/CSA-8651-04. PRODUCT TO BE EQUAL TO BOBRICK DURALINE 1080 SERIES.
2. DURABLE, ULTRA-HARD SURFACES: STOUT, SOLID CORE CONSTRUCTION. HEAVY-DUTY HARDWARE, MOISTURE-RESISTANT. RESISTS SCRATCHING, GOUGING, DENTS, AND IMPACTS IN CLASS A/CORPORATE, TO HEAVY-TRAFFIC SCHOOLS, STADIUMS AND TEAM PARKS. EASY REMOVAL OF PAINT AND MARKER INK. GRAFFITI CLEANS WITHOUT GHOSTING. EXCELLENT STRUCTURAL STRENGTH.
3. SOLID PHENOLIC MATERIAL: SHALL MEET NATIONAL FIRE PROTECTION ASSOCIATION AND INTERNATIONAL BUILDING CODE INTERIOR WALL AND CEILING FINISH CLASS B, UNIFORM BUILDING CODE CLASS II, ASTM E-84 FIRE RESISTANCE STANDARDS: FLAME SPREAD 69, SMOKE DENSITY 93.
4. MATERIAL DOORS AND STILES: 3/4" (19mm) THICK. PANELS: 1/2" (13mm) THICK SOLID PHENOLIC CORE WITH MULTIPLE RESIN- IMPREGNATED KRAFT, COLOR AND CLEAR MELAMINE. SURFACE SHEETS FUSED AT HIGH TEMPERATURE AND PRESSURE. BLACK EDGE PANELS.
5. STANDARD CONCEALED HARDWARE: HEAVY-DUTY TYPE 304 SATIN-FINISH STAINLESS STEEL. FOR EMERGENCY ACCESS, DOOR LIFTS FROM OUTSIDE. HINGE CAN BE ADJUSTED FOR PARTIAL OPENING OR SELF-CLOSING DOOR ONE PIECE SHOE CONCEALS STILE LEVELING DEVICE.
6. THREADED INSERTS: FACTORY- INSTALLED INSERTS FOR SECURING HINGES. VANDAL RESISTANT, PIN-IN-HEAD TORX SCREWS FOR MOUNTING ALL HARDWARE.
7. STILE BASE, LEVELING DEVICE: 7-GAUGE (5mm) THICK CORROSION-RESISTANT STEEL 3/8" (10mm) DIA, STAINLESS STEEL WEDGE FLOOR ANCHORS REQUIRE MINIMUM 2" (51mm) PENETRATION INTO 3" (76mm). THICK STRUCTURAL FLOOR
8. INSTITUTIONAL HARDWARE: EXTRA-HEAVY-DUTY TYPE 304 SATIN- FINISH STAINLESS STEEL. ANGLE BRACKETS, U-CHANNELS AND SPRING-LOADED, SELF CLOSING HINGE RUN FULL HEIGHT OF PANELS AND DOORS. FOR EMERGENCY ACCESS, DOOR LIFTS FROM OUTSIDE. VANDAL-RESISTANT DOOR STOPS.
9. SIDE LATCH: HEAVY DUTY TO MEET BARRIER FREE SECTION OF NBC AND CSA B651-04.
10. DOOR PULL: 200mm LONG x 12mm DIA. STAINLESS STEEL "D" TYPE.

PAINTING

- METAL: TO MASTERS PAINTERS INSTITUTE (MPI) FORMULA EXT.5.1D ALYDK SEMI-GLOSS LEVEL 5. VOC E1.
- WOOD: TO MPI EXT. 6.5A ACRYLIC LATEX LEVEL 4, VOC E3.
- TIMBER: TO MPI EXT. 6.4D SEMI-TRANSPARENT STAIN

ABBREVIATIONS

@	A.I.F.B.	AT	ASPHALT IMPREGNATED FIBRE BOARD	VERT.	VERTICAL
BL	BOTTOM LOWER LAYER	WL	WIND LOAD		
BUL	BOTTOM UPPER LAYER				
BOT.	BOTTOM				
CANT.	CANTILEVER				
C.I.P.	CAST-IN-PLACE				
CL	CENTER LINE				
CLR.	CLEAR CLEARANCE				
COLS.	COLUMNS				
CONC.	CONCRETE				
CONT.	CONTINUOUS				
C/W	COMPLETE WITH				
DEG.	DEGREE				
DIA.	DIAMETER				
DL	DEAD LOAD				
DN.	DOWN				
DP.	DEEP				
DWG.	DRAWING				
EA.	EACH				
E.F.	EACH FACE				
EL.	ELEVATION				
E.W.	EACH WAY				
EXIST.	EXISTING				
GA.	GAUGE				
GALV.	GALV.				
HK.	HOOK				
HORIZ.	HORIZONTAL				
I.F.	INSIDE FACE				
INV.	INVERT				
kN	KILONEWTON				
kPa	KILOPASCAL				
LL	LIVE LOAD				
LLH	LONG LEG HORIZONTAL				
LLV	LONG LEG VERTICAL				
m	METER				
MAX.	MAXIMUM				
MID.	MIDDLE				
MIN.	MINIMUM				
mm	MILLIMETER				
MPa	MEGAPASCAL				
NIC	NOT IN CONTRACT				
NTS	NOT TO SCALE				
O.C.	ON CENTER				
O.F.	OUTSIDE FACE				
OPP.	OPPOSITE				
±	PLUS MINUS				
REF.	REFERENCE				
REINF.	REINFORCEMENT				
R/W	REINFORCED WITH				
SDL	SUPERIMPOSED DEAD LOAD				
SIM.	SIMILAR				
SL	SNOW LOAD				
SLS	SERVICEABILITY LIMIT STATE				
T.O.	TOP OF				
TYP.	TYPICAL				
U/S	UNDER SIDE				
ULS	ULTIMATE LIMIT STATE				
U.N.O.	UNLESS NOTIFIED OTHERWISE				



<p>Consultant's Name Nom de l'expert-conseil</p> <p>Wood Environment & Infrastructure Solutions, a Division of Wood Canada Ltd.</p> <p>#401, 1925 - 18th Avenue NE Calgary, Alberta CANADA T2E 7T8 Tel. (403) 248-4331 Fax (403) 248-2188</p> <p>APEGA PERMIT NUMBER: 4546</p>	<p>Eng. Stamp Sceau de l'ingénieur</p>
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DO NOT SCALE DRAWINGS

C	ISSUED FOR TENDER	20/02/24
B	ISSUED FOR 90% REVIEW	19/11/22
revisions	description	date

Client

PARKS CANADA AGENCY

**BANFF NATIONAL PARK, P.O. BOX 900
BANFF, ALBERTA, T1L 1K2**

project title

**PEYTO LAKE
DAY USE AREA
REHABILITATION (FII 1494)**

approved by

designed by
G. BAJORIA

drawn by
T. WILSON

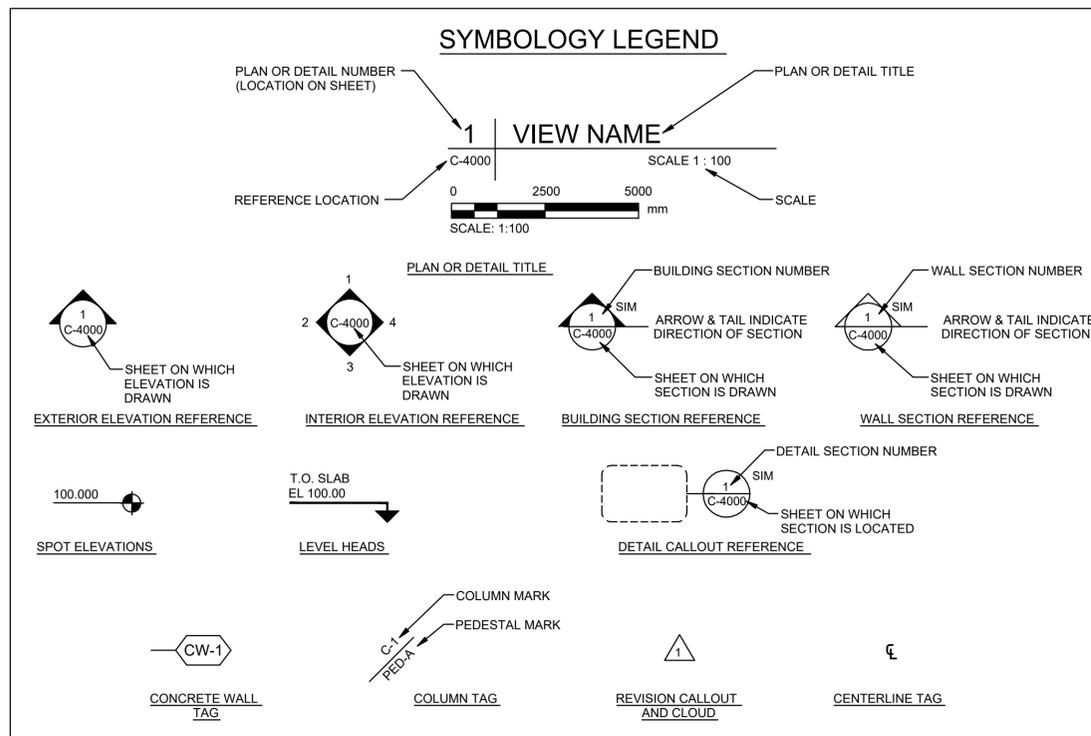
PWGSC Project Manager
K. SHAW

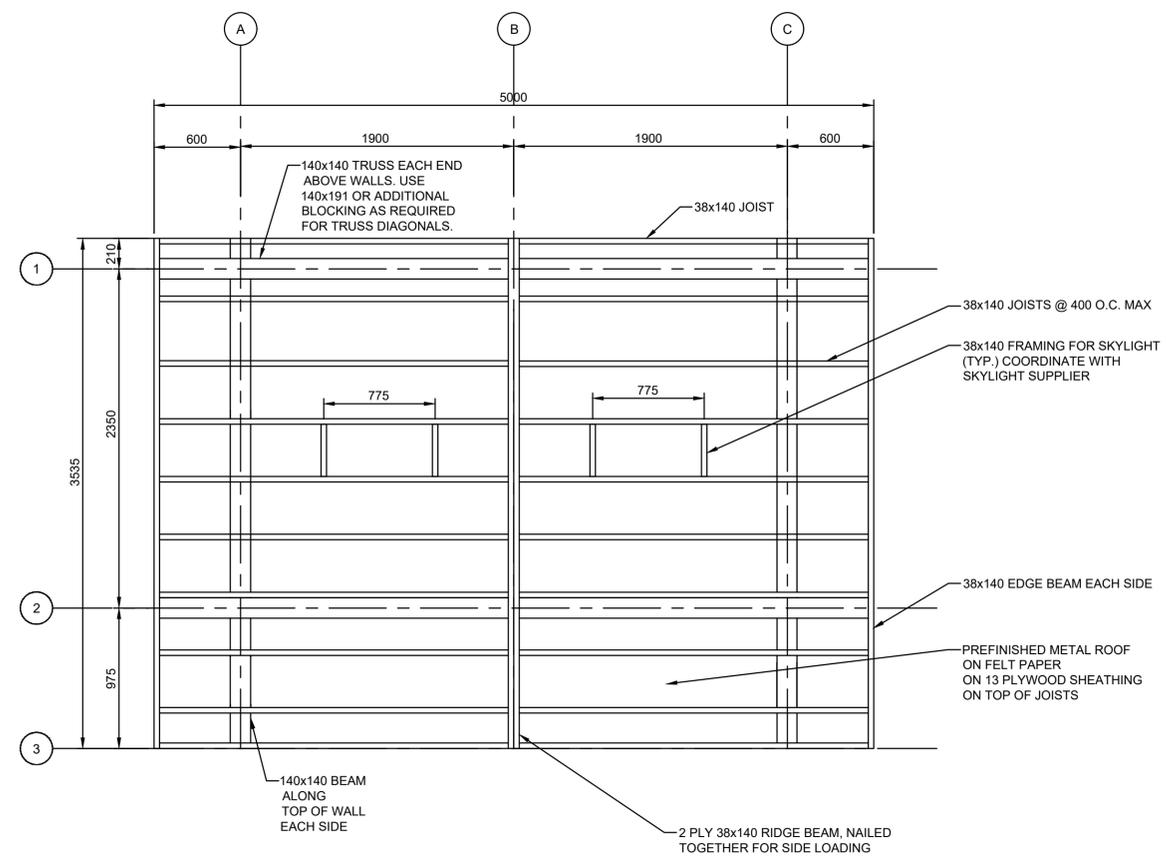
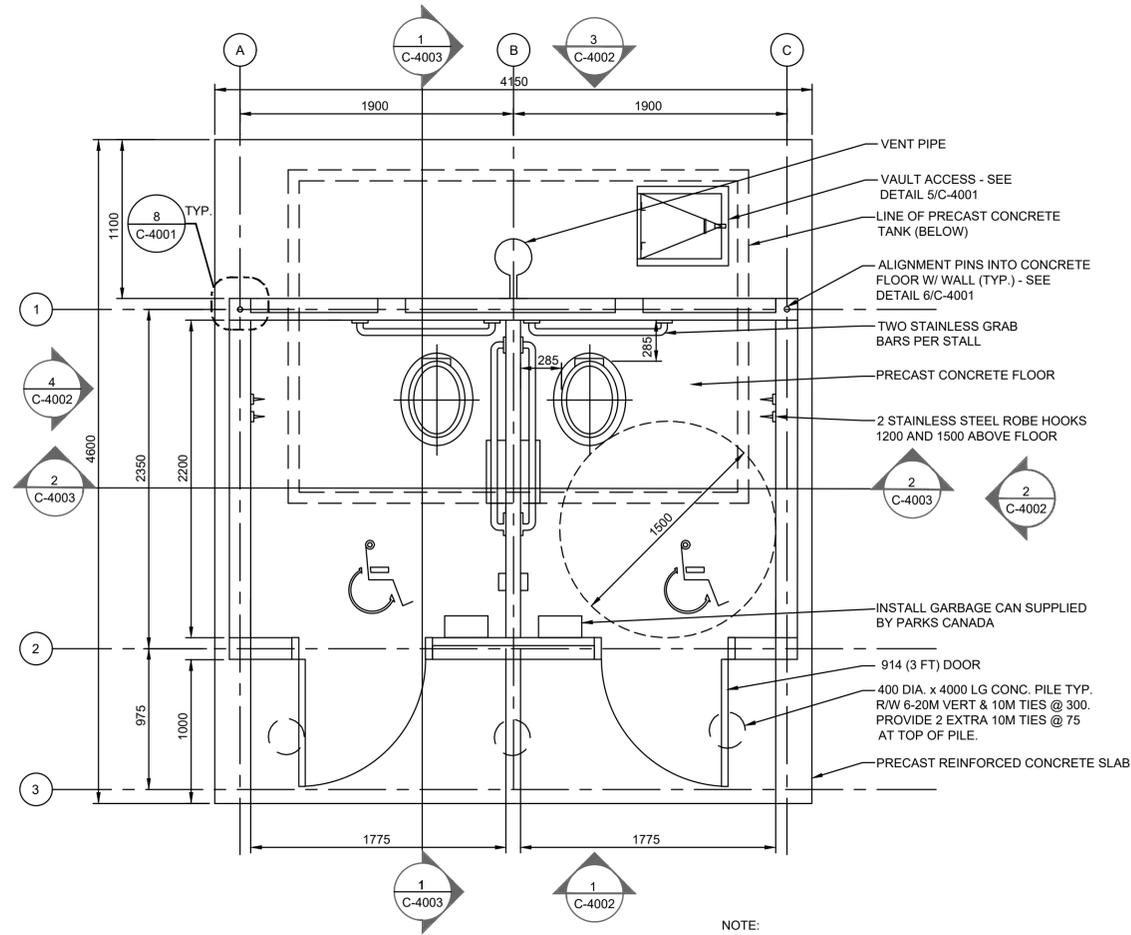
PWGSC, Architectural and Engineering Resources Manager

Client
PARKS CANADA AGENCY

drawing title
PRIVY - GENERAL NOTES

project no. CT184101	sheet C-4000	revision no. C
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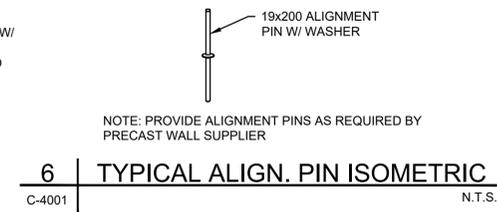
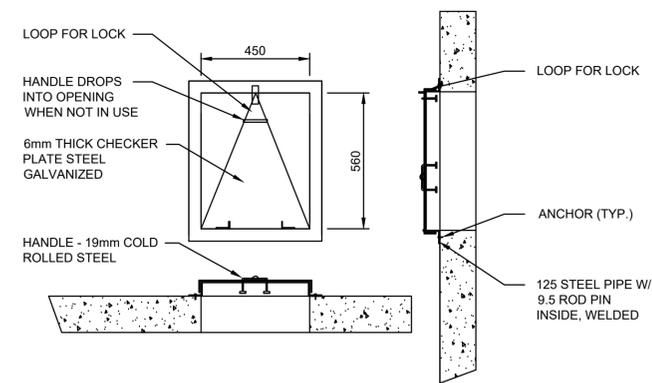




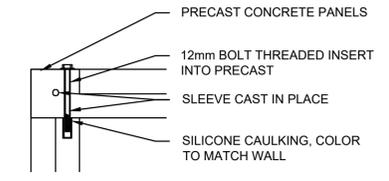
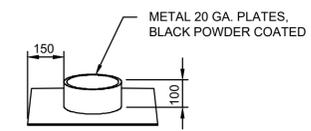
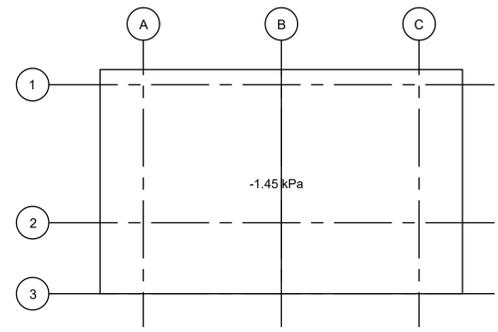
CASE	TYPE	SNOW LOADS OR SNOW DRIFT VALUES	NOTES
A		<p>CASE I: $S_{max}=2.58$ kPa (ULS) $S_{max}=2.35$ kPa (SLS)</p> <p>CASE II: $S_{max}=3.22$ kPa (ULS) $S_{max}=2.93$ kPa (SLS)</p>	TYPICAL ON THE NEW PRIVY ROOFS

NOTE: ALL SNOW LOAD VALUES SHOWN ARE UNFACTORED VALUES

3 ROOF SNOW LOADS
C-4001



THE VALUES ARE UNFACTORED ULS (ULTIMATE LIMIT STATES) WIND UPLIFT PRESSURES AND DO NOT INCLUDE SUPERIMPOSED DEAD LOADS (SDL) OR SELF-WEIGHT OF THE ROOF STRUCTURE.



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Sceau de l'ingénieur
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PWSSC Project Manager
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PWSSC, Architectural and Engineering Resources Manager

Client

PARKS CANADA AGENCY

drawing title

**PRIVY FLOOR PLAN AND
ROOF FRAMING PLAN**

project no. sheet revision no.

CT184101 C-4001 C

NOTES:

1. T.O. FLOOR SLAB SHOWN AS 100.000 TO ILLUSTRATE GENERAL PRIVY BUILDING ELEVATIONS, DIMENSIONS AND OVERALL REQUIREMENTS. ACTUAL ELEVATIONS FOR PRIVY BUILDINGS TO BE CONSTRUCTED IN ACCORDANCE WITH SHEETS C-4000 AND C-1007.



<p>Consultant's Name Nom de l'expert-conseil</p> <p>Wood Environment & Infrastructure Solutions, a Division of Wood Canada Ltd.</p> <p>#401, 1925 - 18th Avenue NE Calgary, Alberta CANADA T2E 7T8 Tel. (403) 248-4331 Fax (403) 248-2185</p> <p>APEGA PERMIT NUMBER: 4546</p>	<p>Eng. Stamp Sceau de l'ingénieur</p>
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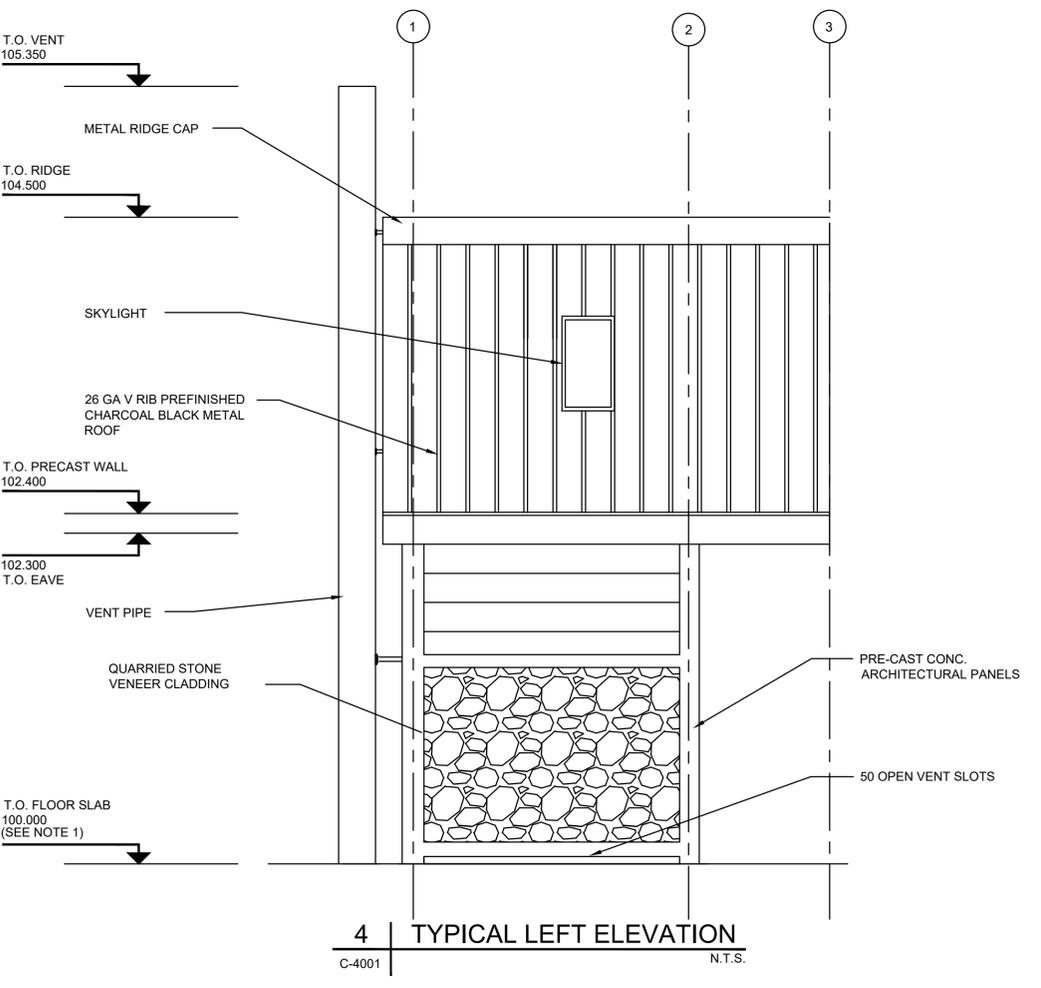
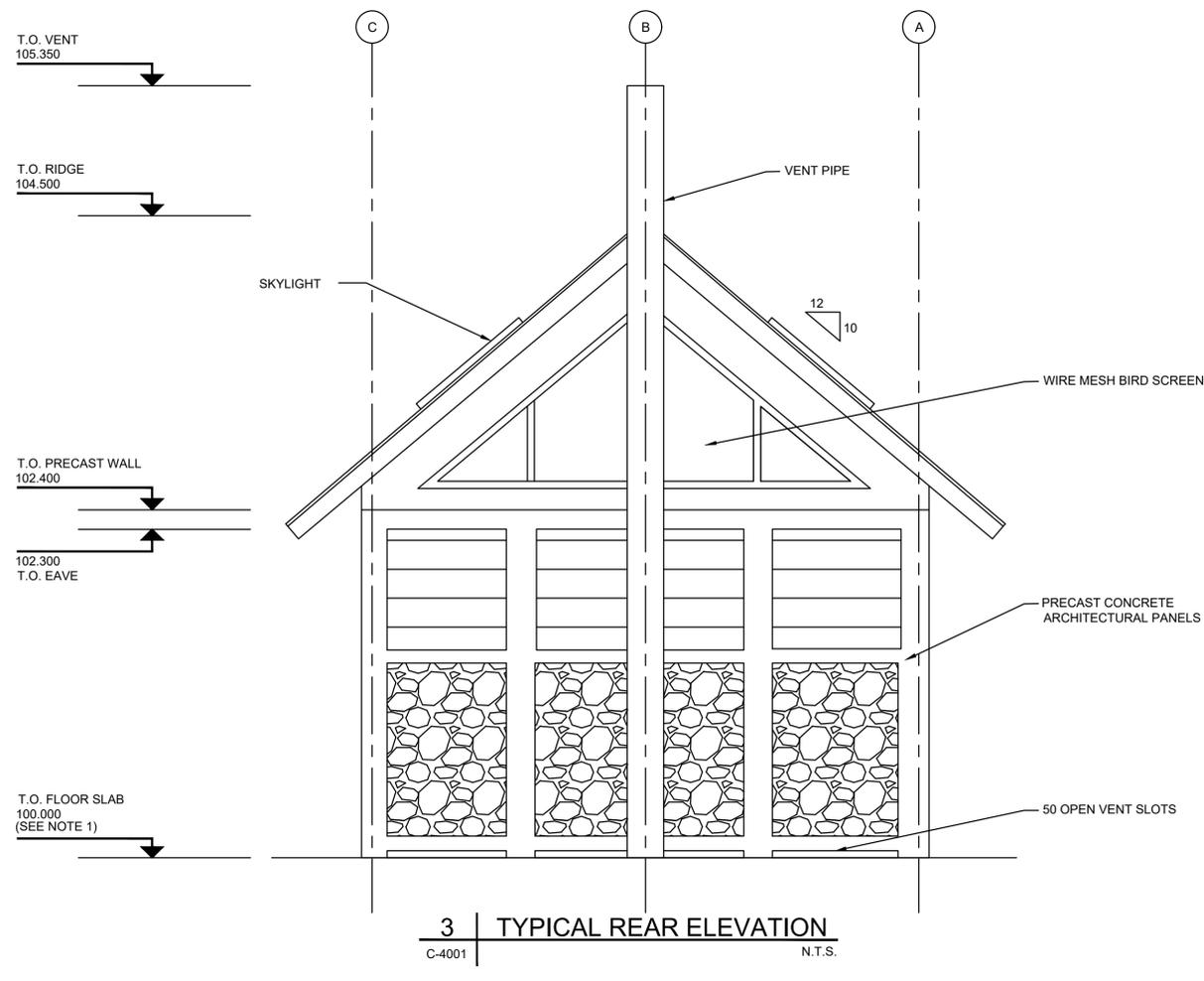
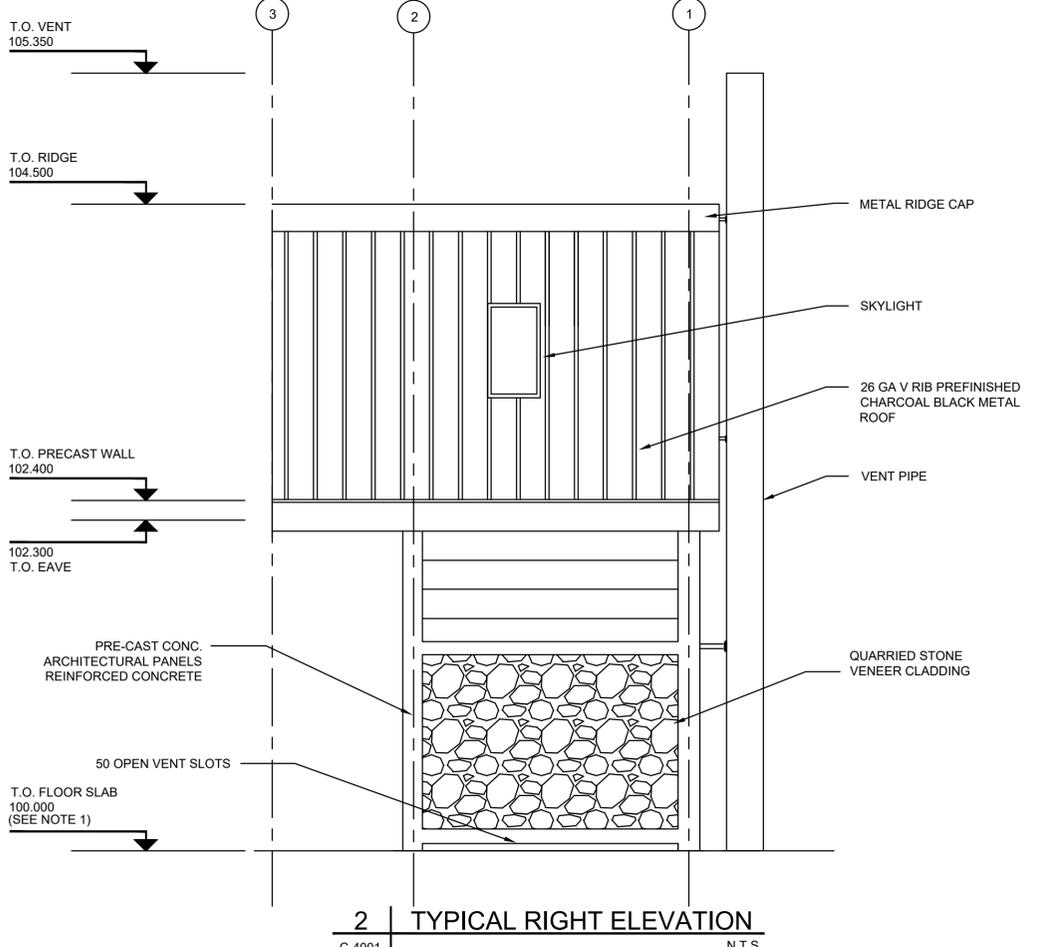
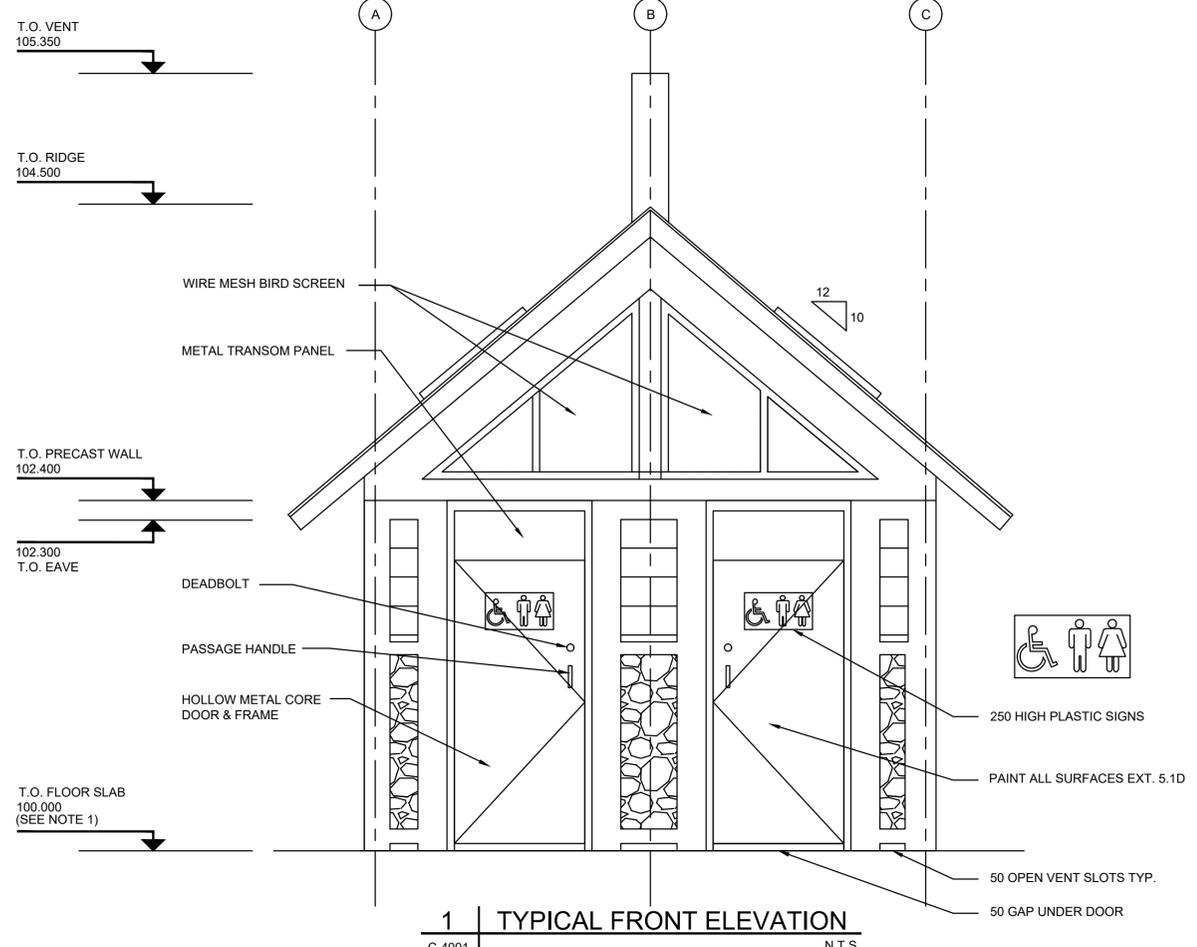
PWGSC Project Manager
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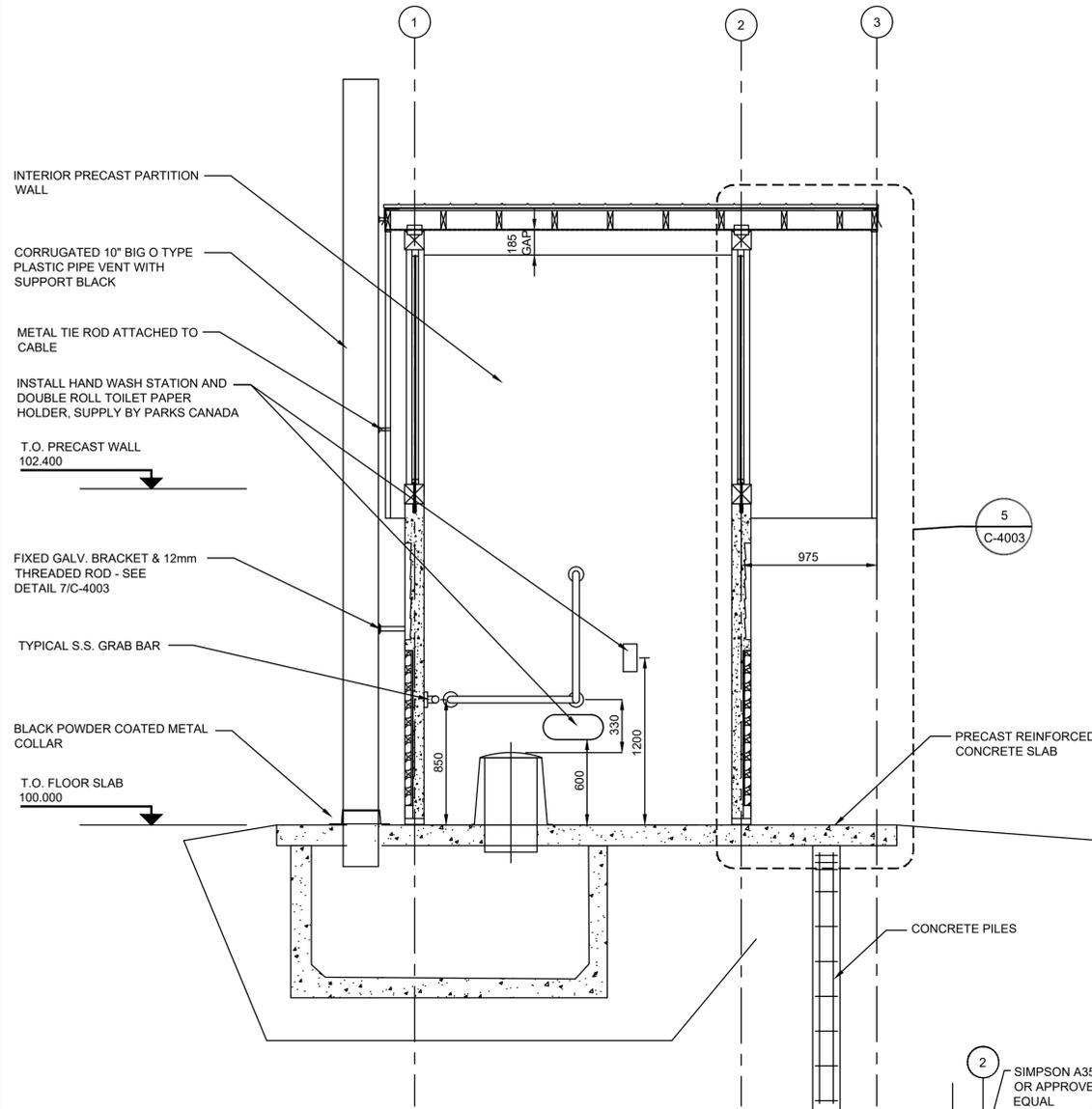
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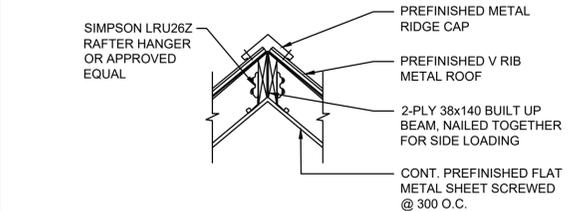
drawing title
PRIVY BUILDING ELEVATIONS

project no. CT184101	sheet C-4002	revision no. C
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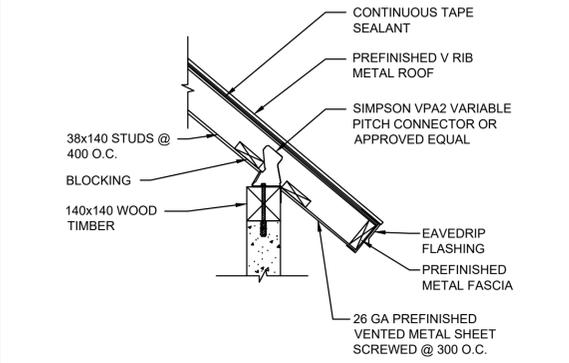




1 | TYPICAL BUILDING SECTION
C-4001 N.T.S.

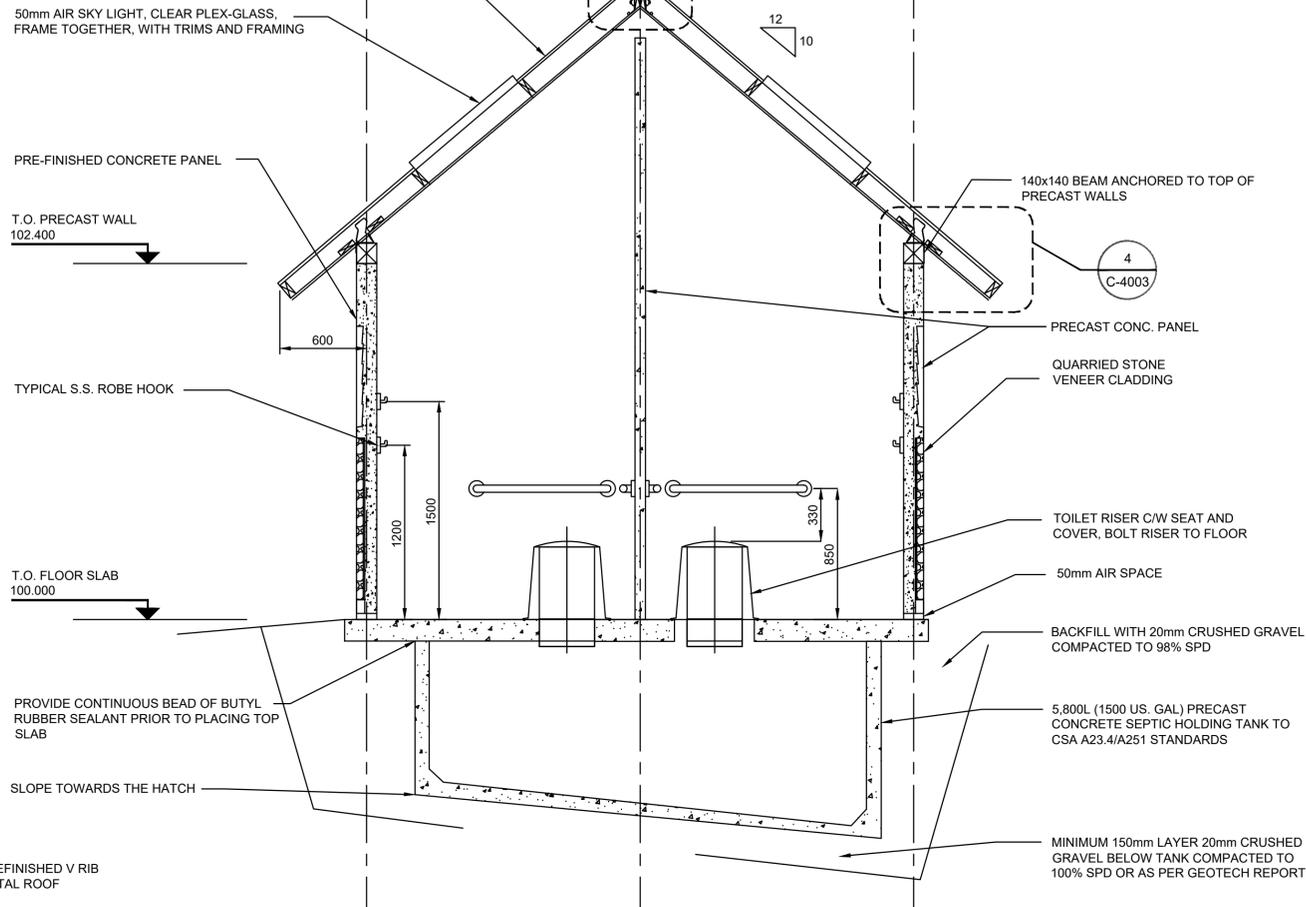


3 | SECTION DETAIL
C-4003 N.T.S.

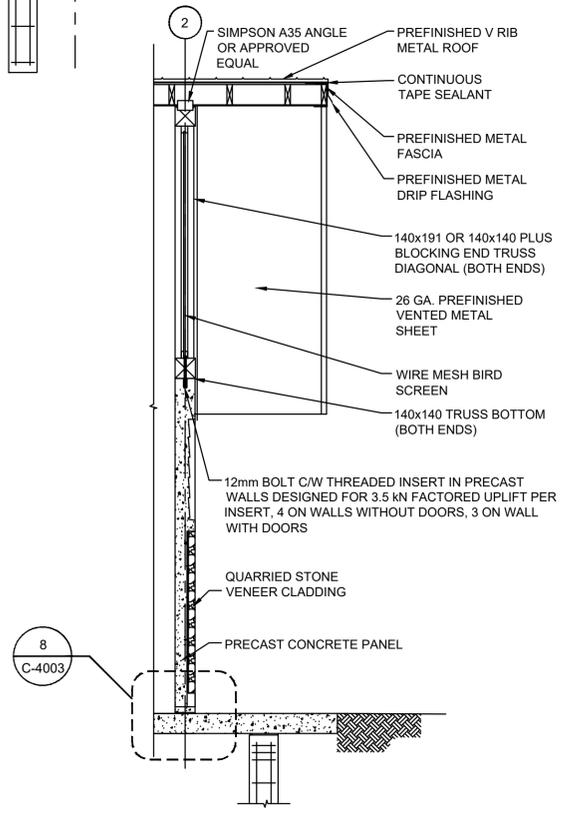


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C-4003 N.T.S.

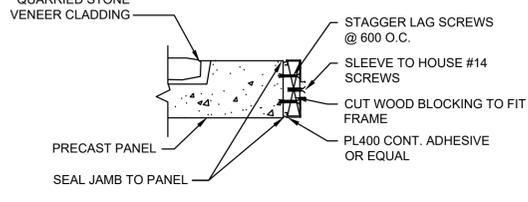
- ROOF PANEL:**
- 26 GA. V RIB PRE-FINISHED CHARCOAL BLACK METAL ROOF AND TRIM
 - 1 LAYER 15# FELT PAPER
 - 12.4 PLYWOOD SHEATHING
 - 38x140 STUDS @ 400 O.C.
 - 26 GA. WHITE PRE-FINISHED FLAT METAL SHEET (USE VENTED SHEET FOR SOFFIT AREA OUTSIDE BUILDING)



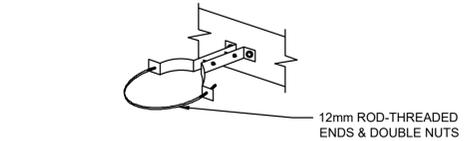
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C-4001 N.T.S.



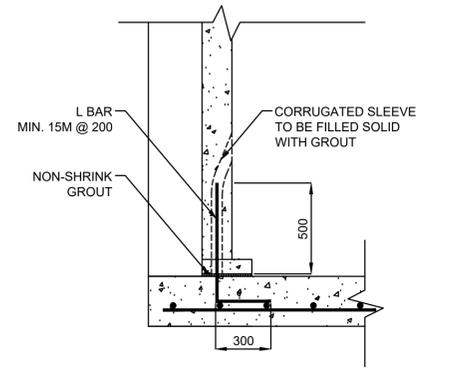
5 | TYPICAL WALL SECTION
C-4003 N.T.S.



6 | TYPICAL DOOR JAMB DETAIL
C-4003 N.T.S.



7 | TYPICAL VENT BRACKET ISO.
C-4003 N.T.S.



8 | TYPICAL WALL TO FLOOR CONNECTION
C-4003 N.T.S.

NOTES:

1. T.O. FLOOR SLAB SHOWN AS 100.000 TO ILLUSTRATE GENERAL PRIVY BUILDING ELEVATIONS, DIMENSIONS AND OVERALL REQUIREMENTS. ACTUAL ELEVATIONS FOR PRIVY BUILDINGS TO BE CONSTRUCTED IN ACCORDANCE WITH SHEETS C-4000 AND C-1007.

wood.

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Eng. Stamp
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PROFESSIONAL ENGINEER
ALBERTA
1925

APEGA PERMIT NUMBER: 4546

DO NOT SCALE DRAWINGS

revisions	description	date
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PARKS CANADA AGENCY

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BANFF, ALBERTA, T1L 1K2**

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DAY USE AREA
REHABILITATION (FII 1494)**

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drawn by
T. WILSON
PWGSC Project Manager
K. SHAW
PWGSC, Architectural and Engineering Resources Manager

Client
PARKS CANADA AGENCY
drawing title
**PRIVY BUILDING SECTIONS
AND DETAILS**

project no.	sheet	revision no.
CT184101	C-4003	C