

Public Works and  
Government Services  
Canada

Travaux publics et  
Services gouvernementaux  
Canada

## REAL PROPERTY SERVICES

Western Region

## SERVICES IMMOBILIERS

Région de l'ouest

# NEW DRIVER TRAINING TRACK

## 4X4 COURSE

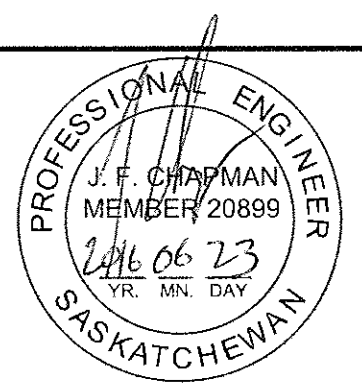
### Track #4

## Regina Saskatchewan





PC - POINT OF CURVATURE  
PT - POINT OF TANGENT  
PCC - POINT OF COMPOUND CURVATURE  
PTC - POINT OF TANGENT  
PVI - POINT OF VERTICAL INTERSECT  
VC - VERTICAL CURVATURE  
CL - CENTERLINE  
L - LEFT EDGE OF TRACK  
R - RIGHT EDGE OF TRACK  
HP - HIGH POINT  
LP - LOW POINT



Association of Professional Engineers & Geoscientists  
of Saskatchewan

CERTIFICATE OF AUTHORIZATION  
Morrison Hershfield Limited.  
Number: C0019

Permission to Consult held by:  
Discipline: Civil SK Reg. No. 20899

---	---	---
---	---	---
---	---	---
---	---	---
2	ISSUED FOR TENDER	2016-06-22
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-05

Revision/ Révision	Description/Description	Date/Date
-----------------------	-------------------------	-----------

Client/client

**PWGSC**

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet

**NEW DRIVER TRAINING TRACK  
4X4 COURSE**

Approved by/Approuvé par  
JFC

Designed by/Conçu par  
TST

Drawn by/Dessiné par  
TST

PWGSC Project Manager/Administrateur de Projets TPSGC  
LIONEL OATWAY

PWGSC Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client

Drawing title/Titre du dessin

**TRACK ALIGNMENT**

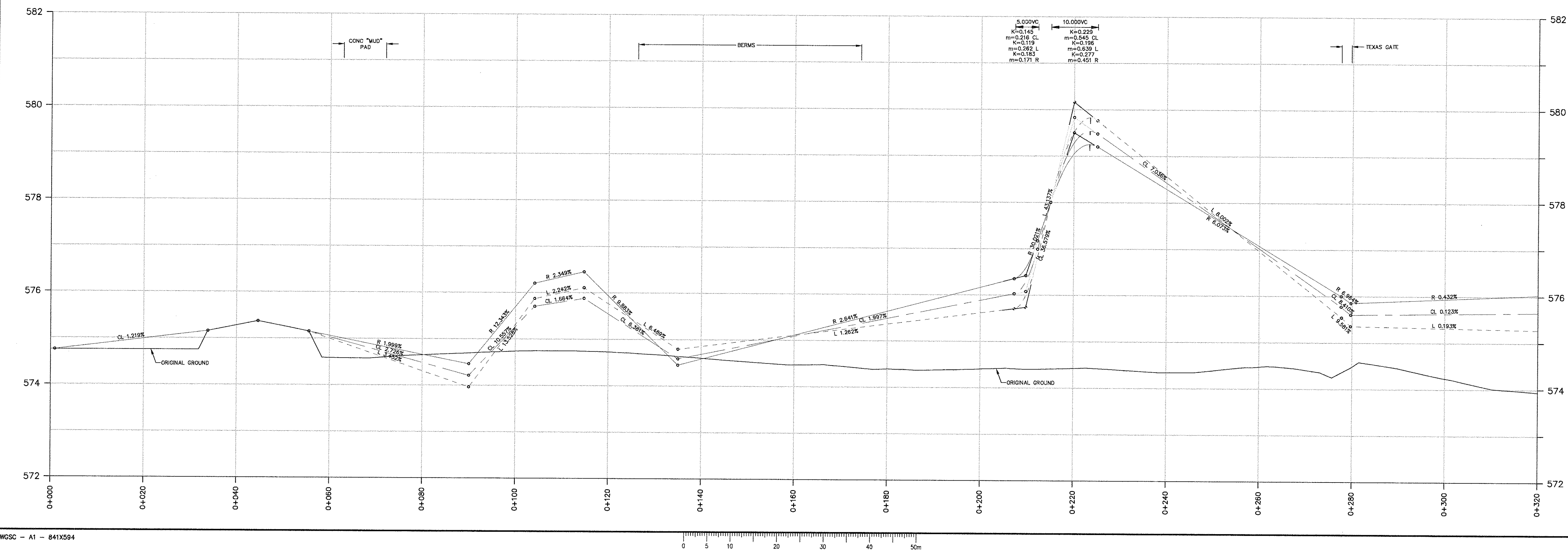
Project No./No. du projet	Sheet/Feuille	Revision no./ Loi Révision no.
3104102	<b>ALGN-01</b>	<b>2.0</b>
	02 OF 28	



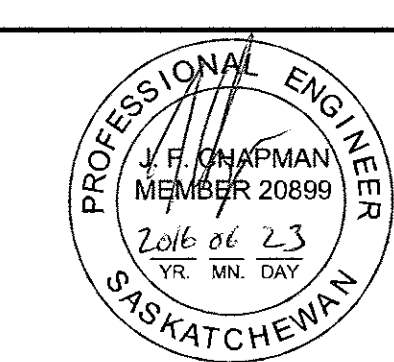








PC - POINT OF CURVATURE  
PCC - POINT OF COMPOUND CURVATURE  
PT - POINT OF TANGENT  
PRC - POINT OF REVERSE CURVATURE  
PV - POINT OF VERTICAL INTERSECT  
VC - VERTICAL CURVATURE  
CL - CENTERLINE  
L - LEFT EDGE OF TRACK  
R - RIGHT EDGE OF TRACK  
HP - HIGH POINT  
LP - LOW POINT



Association of Professional Engineers & Geoscientists  
of Saskatchewan

CERTIFICATE OF AUTHORIZATION  
Morrison Hensfield Limited.  
Number: C0019

Permission to Carry Out held by:  
Civil 2019

Revision/	Description/Description	Date/Date
2	ISSUED FOR TENDER	2019-06-22
1	ISSUED FOR CLASS-8 COST ESTIMATE	2014-03-05

Client/client

**PWGSC**

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet

## NEW DRIVER TRAINING TRACK PLAN & PROFILE

Approved by/Approuvé par  
JFC

Designed by/Concept par  
TST

Drawn by/Dessiné par  
TST

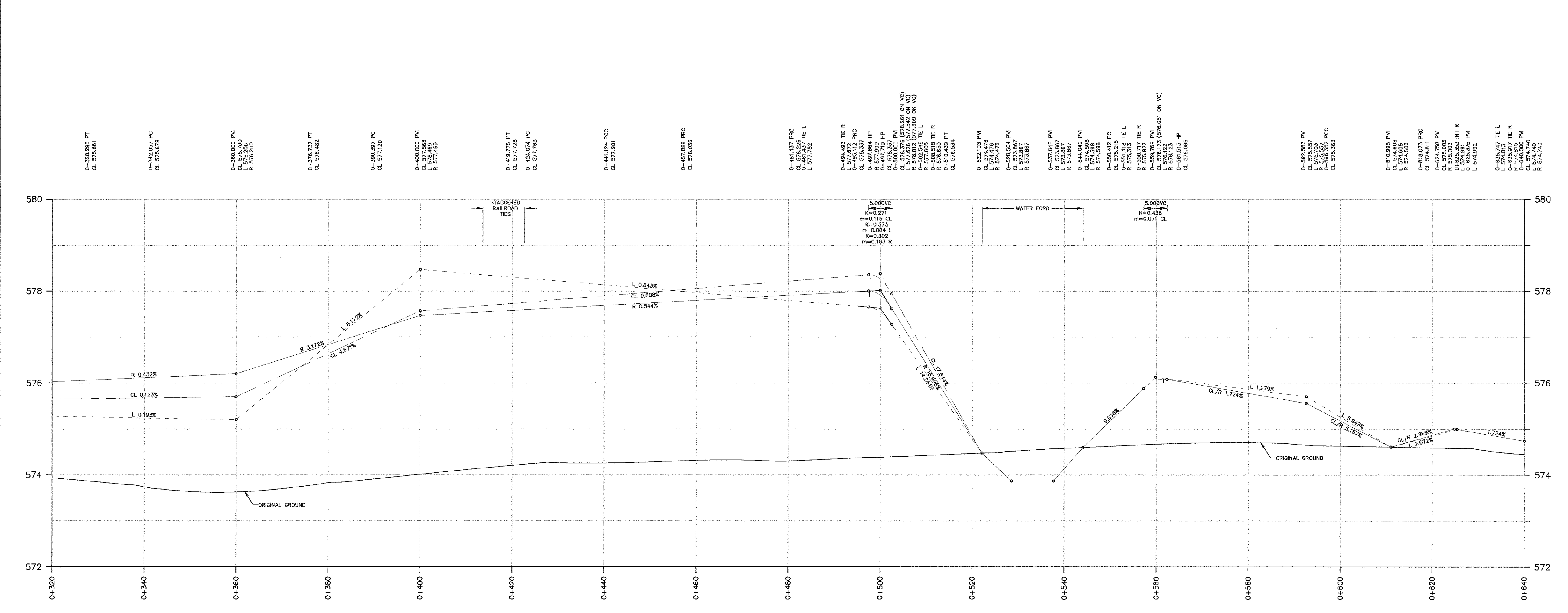
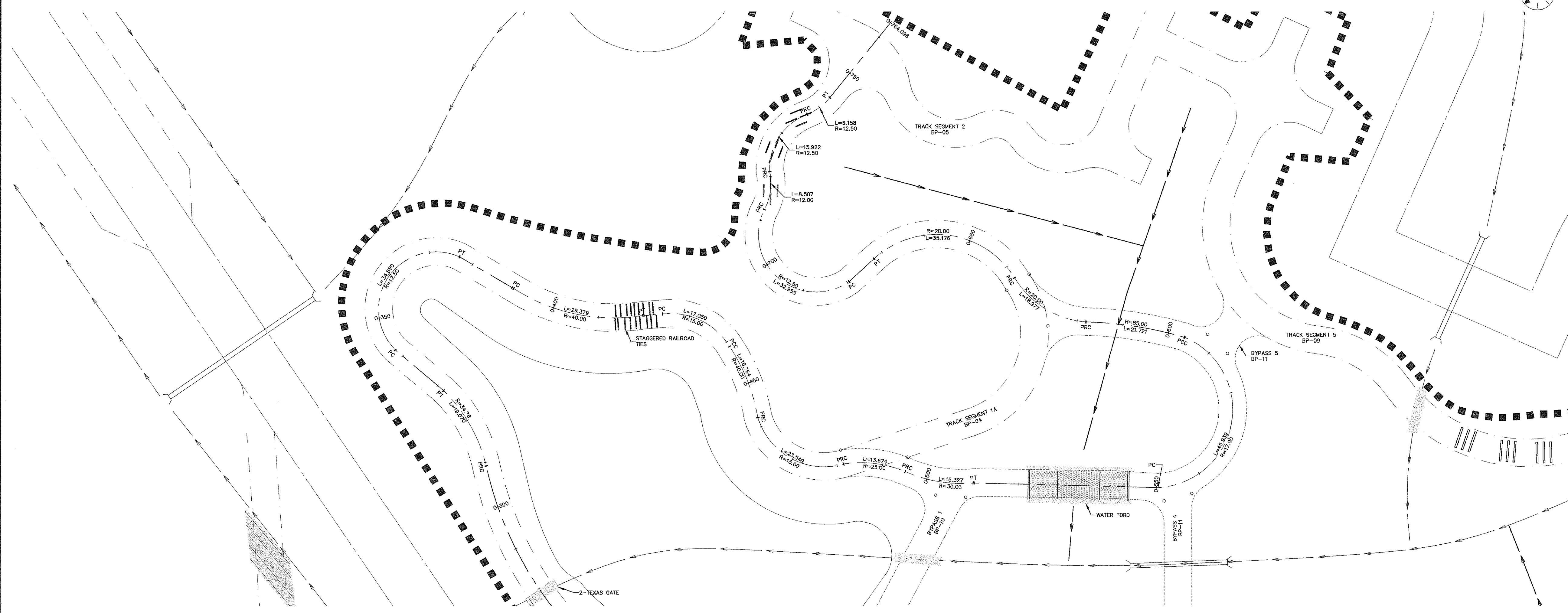
PWGSC Project Manager/Administrateur de Projets TPSC  
LIONEL OATWAY

PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSC

Client/client

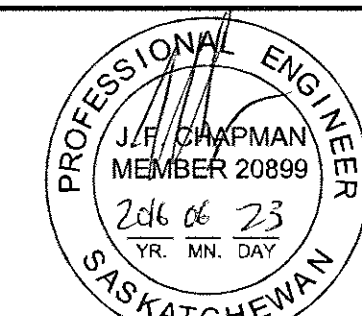
Drawing title/Titre du dessin  
**PLAN & PROFILE**  
**SEGMENT 1 STA 0+320 TO STA 0+640**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
3104102	BP-02 06 OF 28	2.0





PC - POINT OF CURVATURE  
PCC - POINT OF COMPOUND CURVATURE  
PT - POINT OF TANGENT  
PRC - POINT OF REVERSE CURVATURE  
PVI - POINT OF VERTICAL INTERSECT  
VC - VERTICAL CURVATURE  
CL - CENTERLINE  
LE - LEFT EDGE OF TRACK  
RE - RIGHT EDGE OF TRACK  
HP - HIGH POINT  
LP - LOW POINT



Association of Professional Engineers & Geoscientists  
of Saskatchewan

CERTIFICATE OF AUTHORIZATION  
Morrison Hershfield Limited  
Number: C0019

Discipline: Civil St. Reg. No. 20899

---	---	---
---	---	---
---	---	---
---	---	---
2	ISSUED FOR TENDER	2016-06-22
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-06

Revision/	Description/Description	Date/Date
-----------	-------------------------	-----------

Client/client

**PWGSC**

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet

## NEW DRIVER TRAINING TRACK PLAN & PROFILE

Approved by/Approuvé par  
JFC

Designed by/Concept par  
TST

Drawn by/Dessiné par  
TST

PWGSC Project Manager/Administrateur de Projets TPSCG

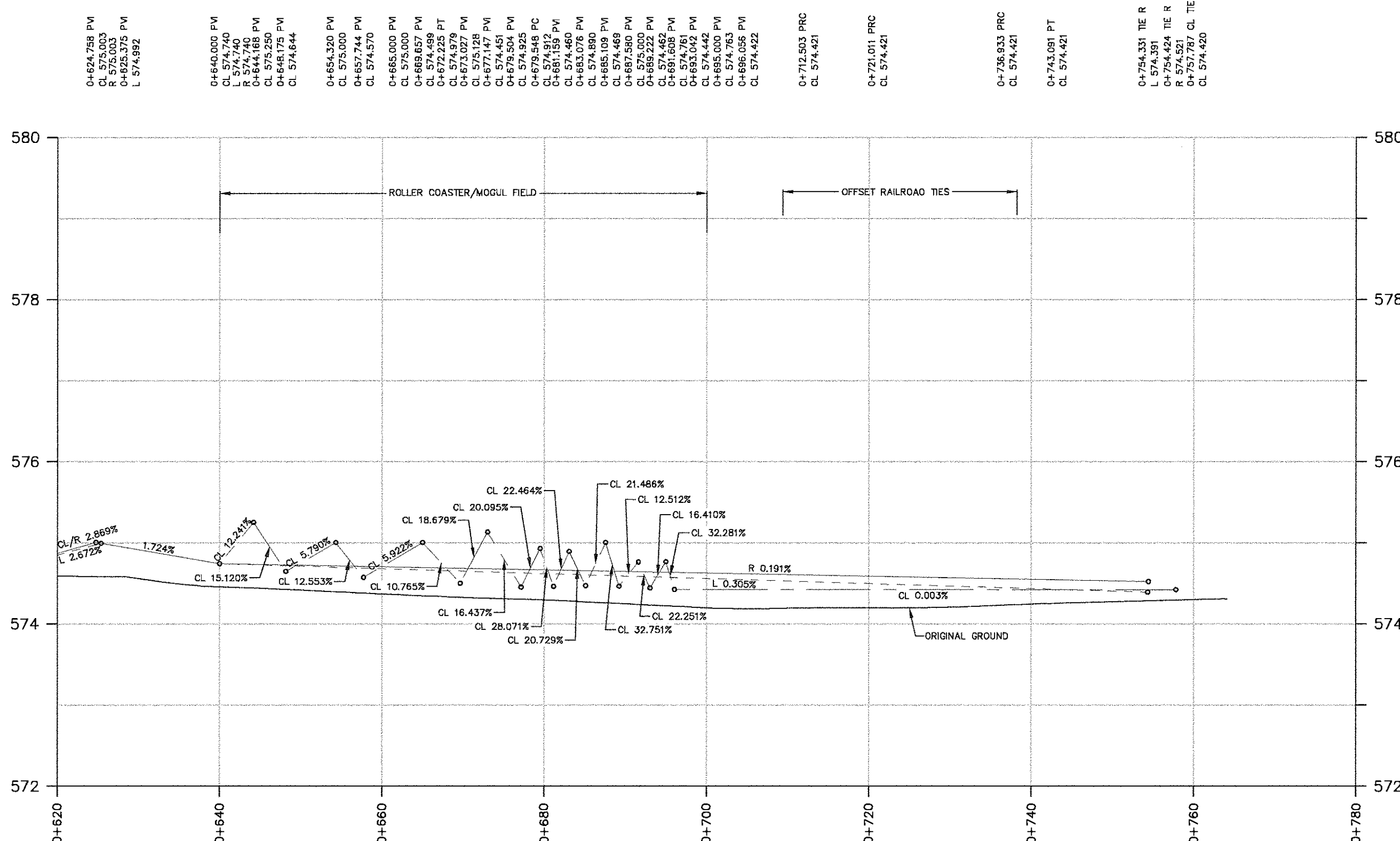
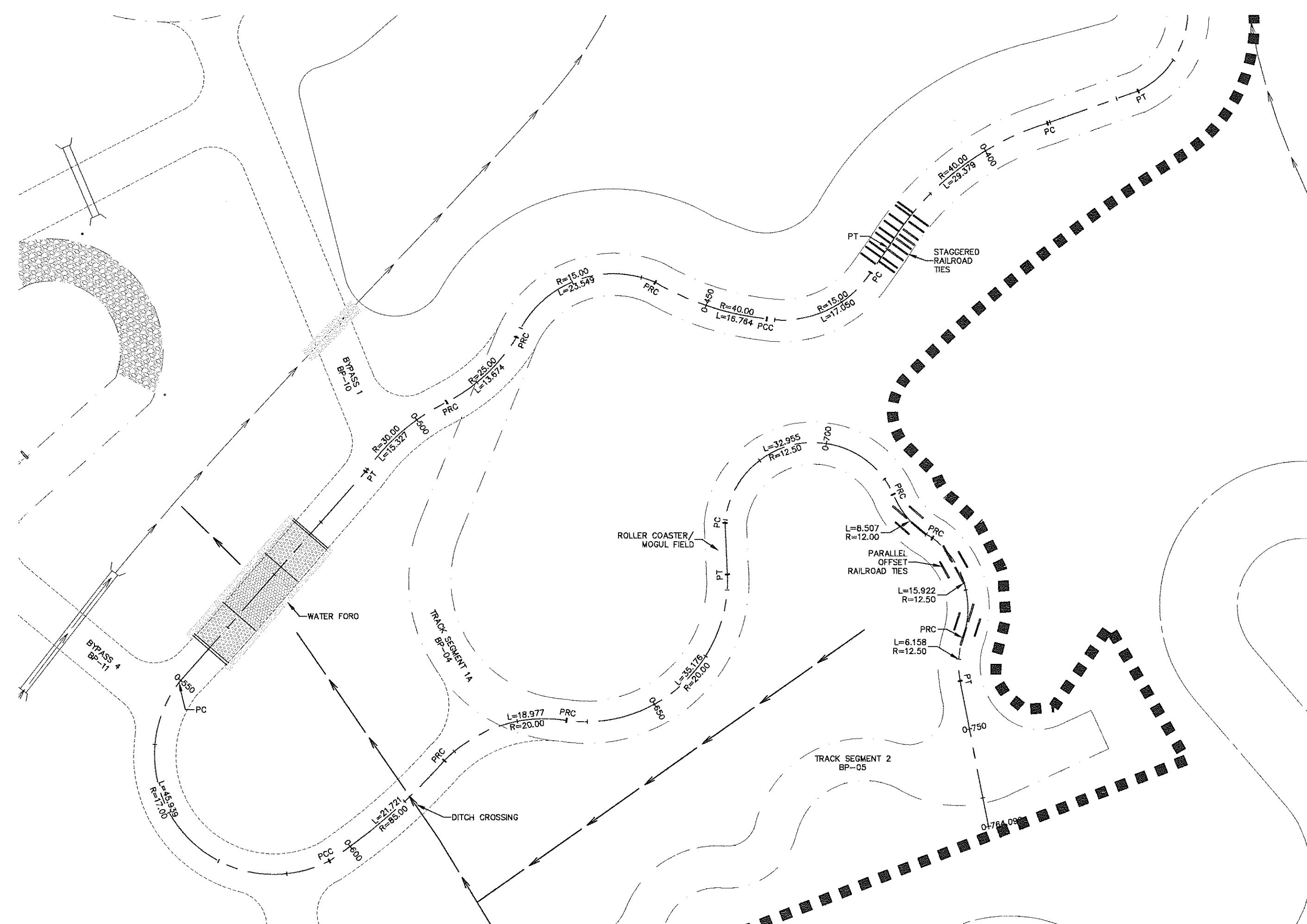
LIONEL OATWAY

PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client

Drawing title/Titre du dessin  
**PLAN & PROFILE  
SEGMENT 1 STA 0+620 TO STA 0+780**

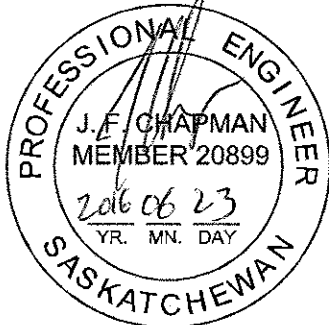
Project No./No. du projet <b>3104102</b>	Sheet/Fauille <b>BP-03</b> 07 OF 28	Revision no./ La Révision no. <b>2.0</b>
--	---	---







PC - POINT OF CURVATURE  
PCC - POINT OF COMPOUND CURVATURE  
PT - POINT OF TANGENT  
PRC - POINT OF REVERSE CURVATURE  
PVI - POINT OF VERTICAL INTERSECT  
VC - VERTICAL CURVATURE  
CL - CENTERLINE  
L - LEFT EDGE OF TRACK  
R - RIGHT EDGE OF TRACK  
HP - HIGH POINT  
LP - LOW POINT



---	---	---
---	---	---
---	---	---
---	---	---
2	ISSUED FOR TENDER	2016-06-22
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-06

Revision/	Description/Description	Date/Date
-----------	-------------------------	-----------

Client/client

PWGSC

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet

## NEW DRIVER TRAINING TRACK PLAN & PROFILE

Approved by/Approuvé par  
JFC

Designed by/Concept par  
TST

Drawn by/Dessiné par  
TST

PWGSC Project Manager/Administrateur de Projets TPSCG  
LIONEL OATWAY

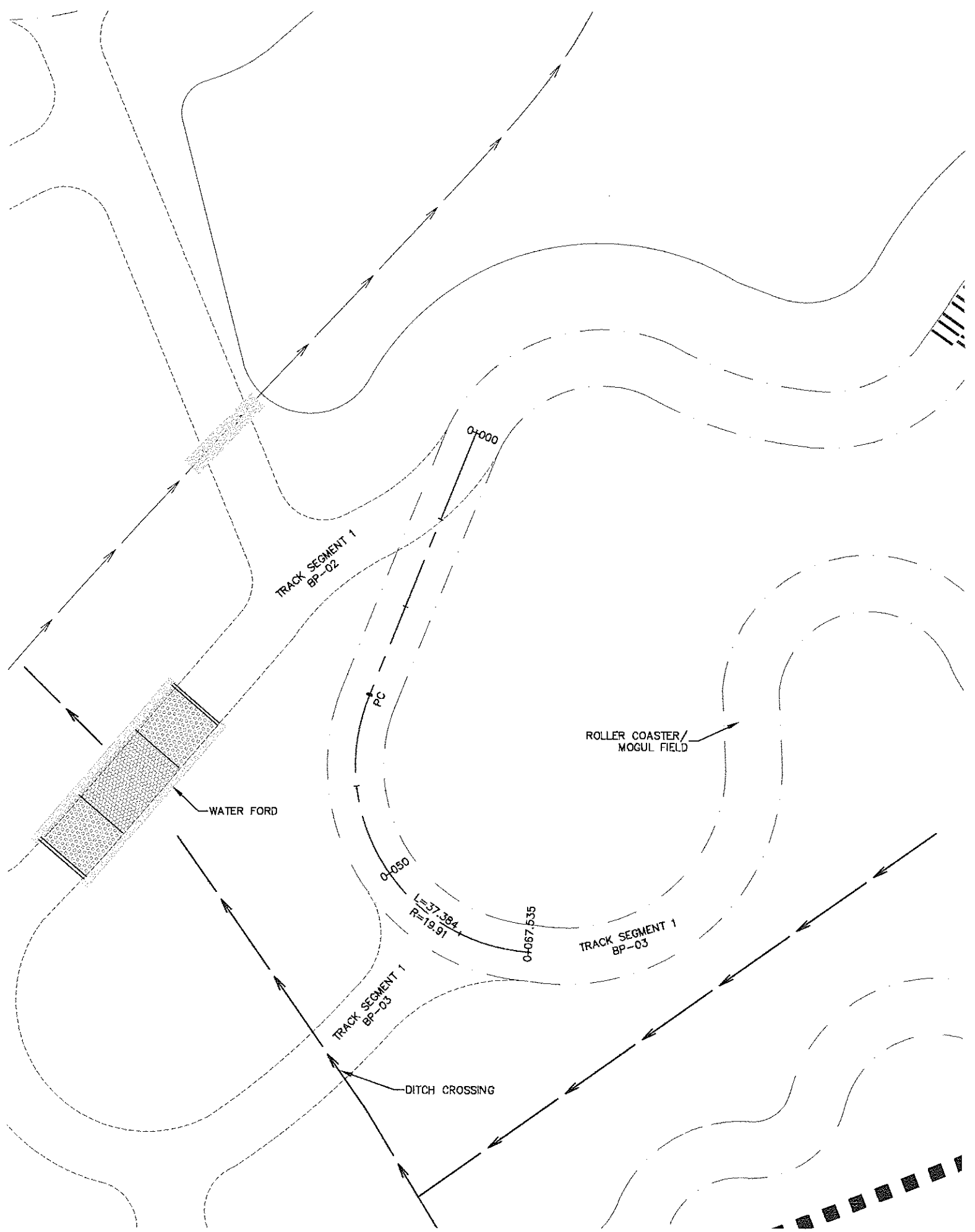
PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client

Drawing title/Titre du dessin

PLAN & PROFILE  
SEGMENT 1A

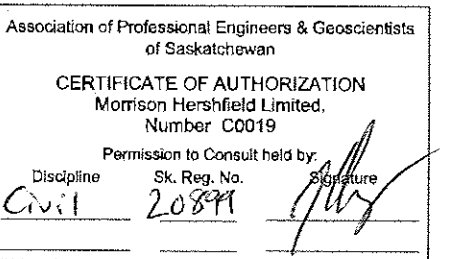
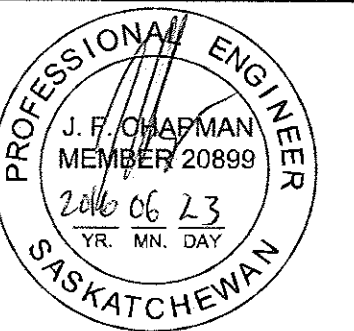
Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
3104102	BP-04 08 OF 28	2.0







PC - POINT OF CURVATURE  
PCC - POINT OF COMPOUND CURVATURE  
PT - POINT OF TANGENT  
PRC - POINT OF REVERSE CURVATURE  
PV - POINT OF VERTICAL INTERSECT  
VC - VERTICAL CURVATURE  
CL - CENTERLINE  
L - LEFT EDGE OF TRACK  
R - RIGHT EDGE OF TRACK  
HP - HIGH POINT  
LP - LOW POINT



---	---	---
---	---	---
---	---	---
---	---	---
---	---	---
2	ISSUED FOR TENDER	2016-06-22

Revision/	Description/Description	Date/Date
1	ISSUED FOR CLASS-B COST ESTIMATE	2016-06-22

Client/client

**PWGSC**

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet

**NEW DRIVER TRAINING TRACK  
PLAN & PROFILE**

Approved by/Approuvé par  
JFC

Designed by/Concept par  
TST

Drawn by/Dessiné par  
TST

PWGSC Project Manager/Administrateur de Projets TPSCG  
LIONEL OATWAY

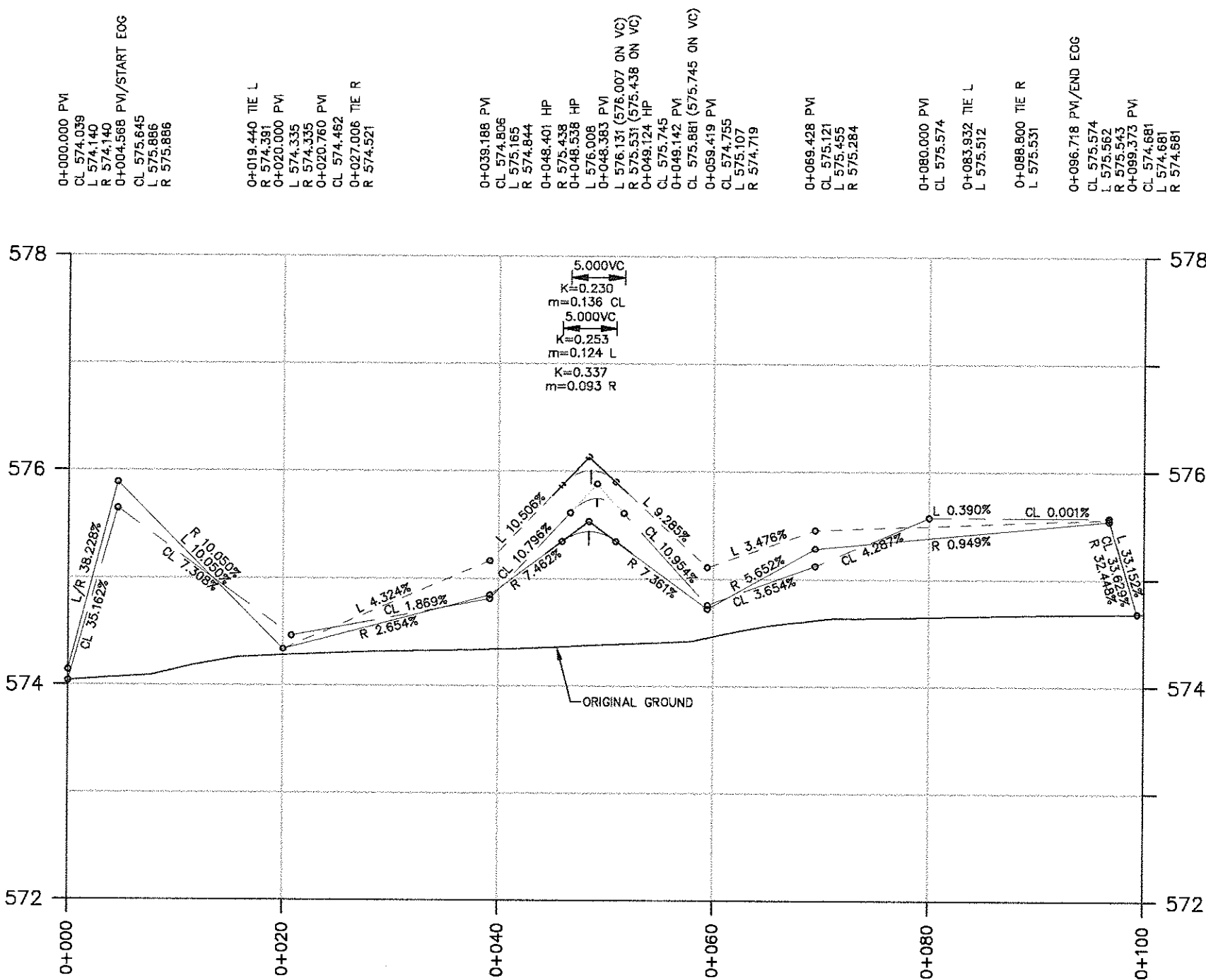
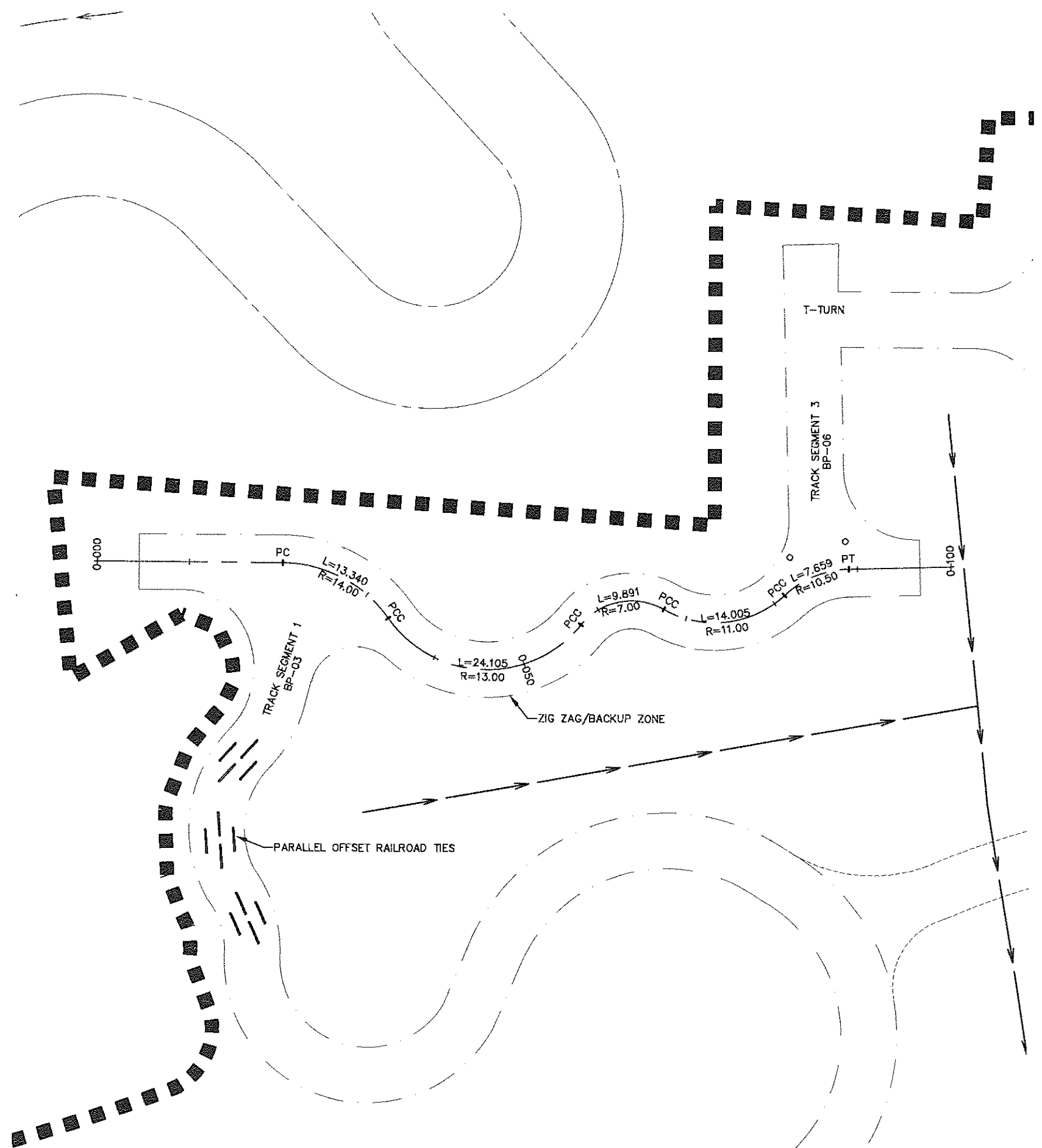
PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client

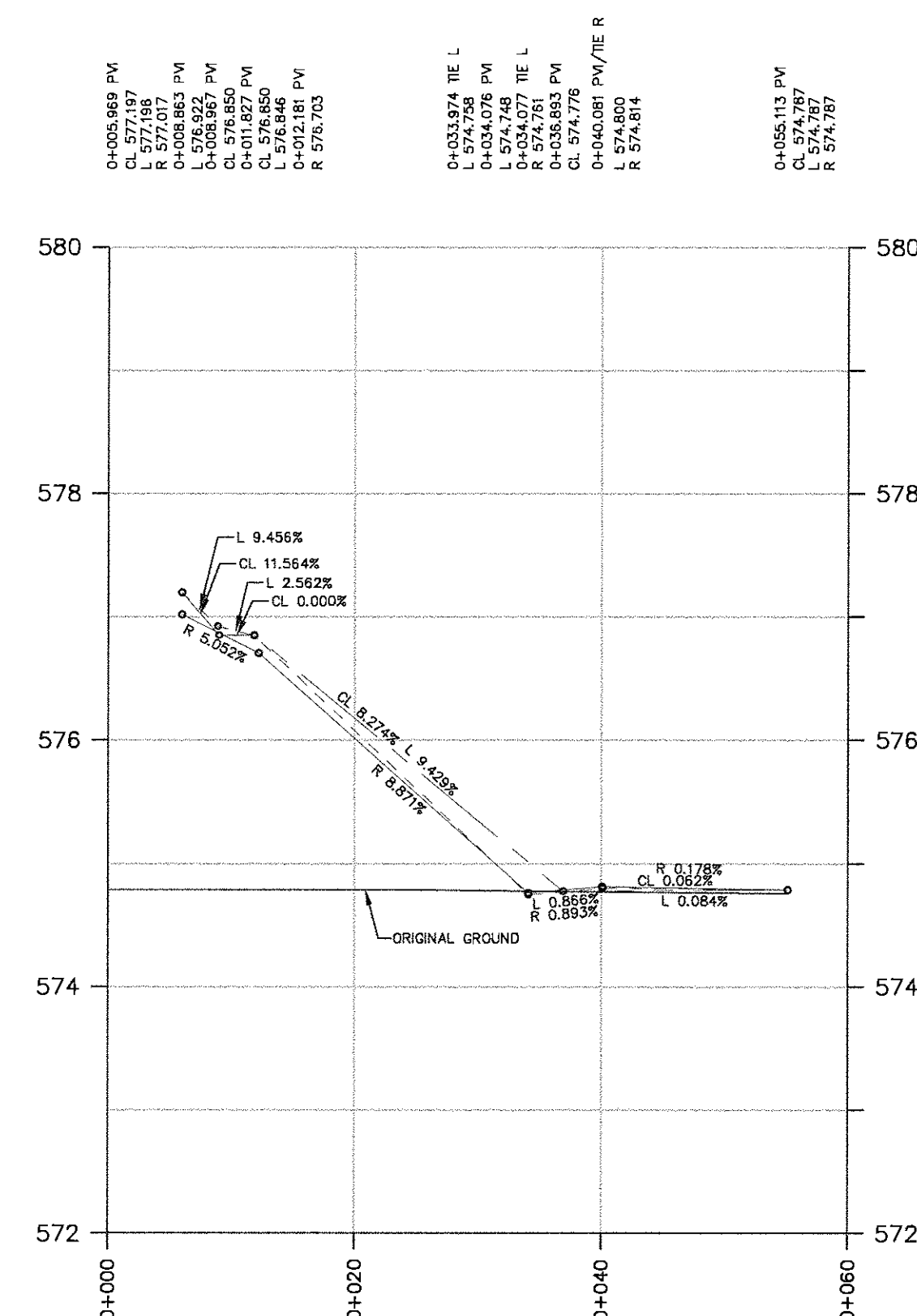
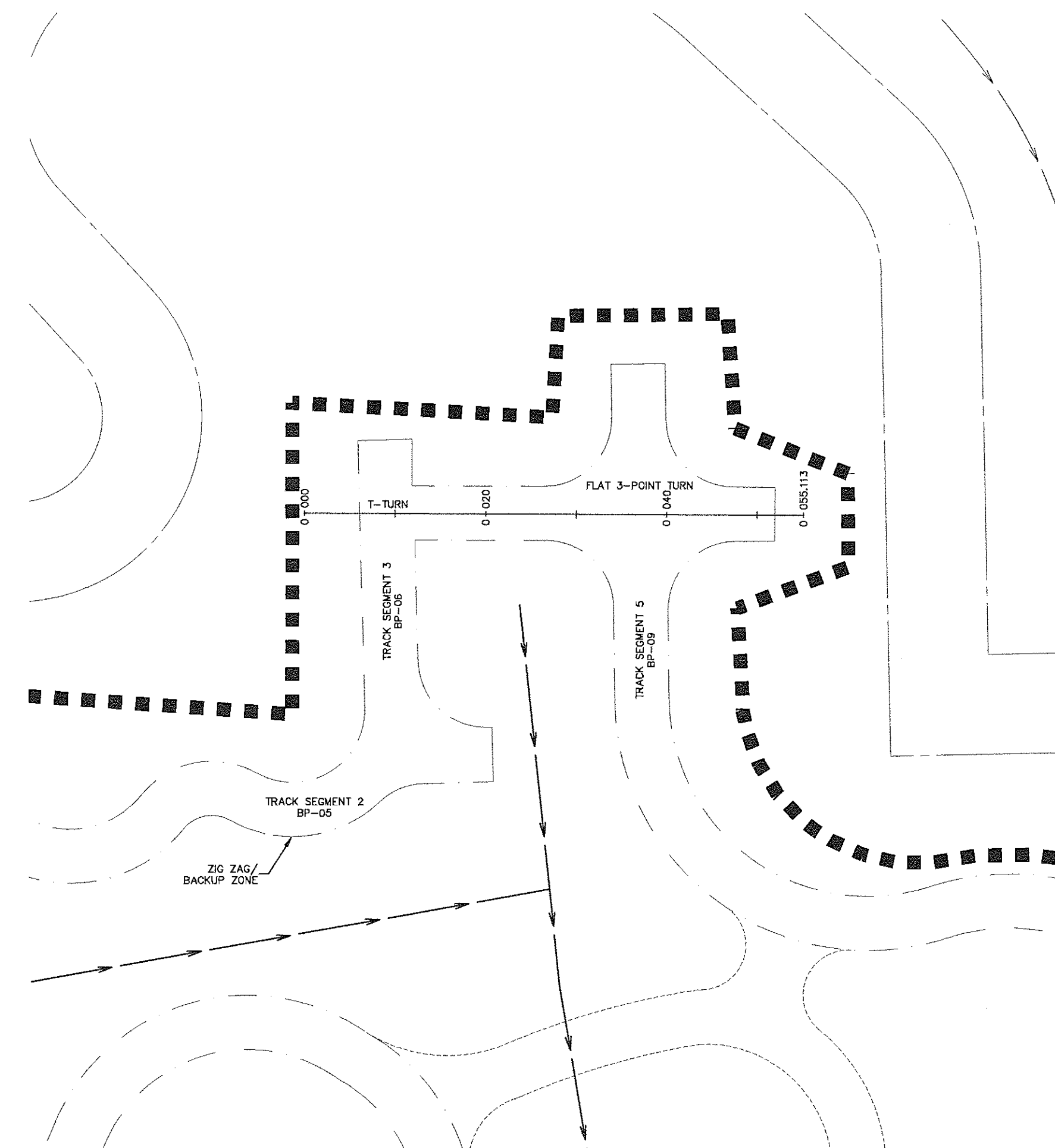
Drawing title/Titre du dessin

**PLAN & PROFILE  
SEGMENT 2**

Project No./No. du projet	Sheet/Fauille	Revision no./ La Révision no.
3104102	BP-05 09 OF 28	2.0

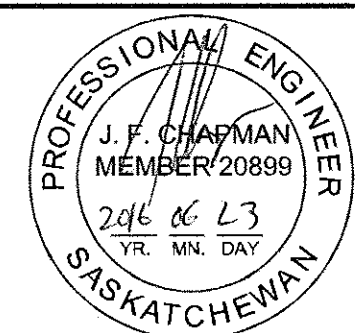








PC - POINT OF CURVATURE  
PCC - POINT OF COMPOUND CURVATURE  
PT - POINT OF TANGENT  
PRC - POINT OF REVERSE CURVATURE  
PVI - POINT OF VERTICAL INTERSECT  
VC - VERTICAL CURVATURE  
CL - CENTERLINE  
L - LEFT EDGE OF TRACK  
R - RIGHT EDGE OF TRACK  
HP - HIGH POINT  
LP - LOW POINT



Association of Professional Engineers & Geoscientists  
of Saskatchewan

**CERTIFICATE OF AUTHORIZATION**  
Morrison Hershfield Limited.  
Number C0019

Permission to Consult held by:

Discipline	Sk. Reg. No.	Signature
Civil	20899	

*****	*****	*****
*****	*****	*****
*****	*****	*****
*****	*****	*****
*****	*****	*****
2	ISSUED FOR TENDER	2016-06-22
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-06

Revision/ Revision	Description/Description	Date/Date
-----------------------	-------------------------	-----------

**PWGSC**

**1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8**

Project title/Titre du projet

## NEW DRIVER TRAINING TRACK PLAN & PROFILE

Approved by/ Approuve par

JFC

Designed by/Concept par

TST

Drawn by/Dessiné par

TST

PWGSC Project Manager/Administrateur de Projets TPSGC  
LIONEL GATWAY

PWGSC Architectural and Engineering Resources Manager

Ressources Architectural et de Directeur d'Ingénierie, TPS

Client/client
---------------

\_\_\_\_\_

Drawing title/Titre du dessin
-------------------------------

## PLAN & PROFILE

**SEGMENT 5 STA 0+000 TO 0+320**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Project No./No. du projet	Sheet/Feuille	Revision La Révision
---------------------------	---------------	-------------------------

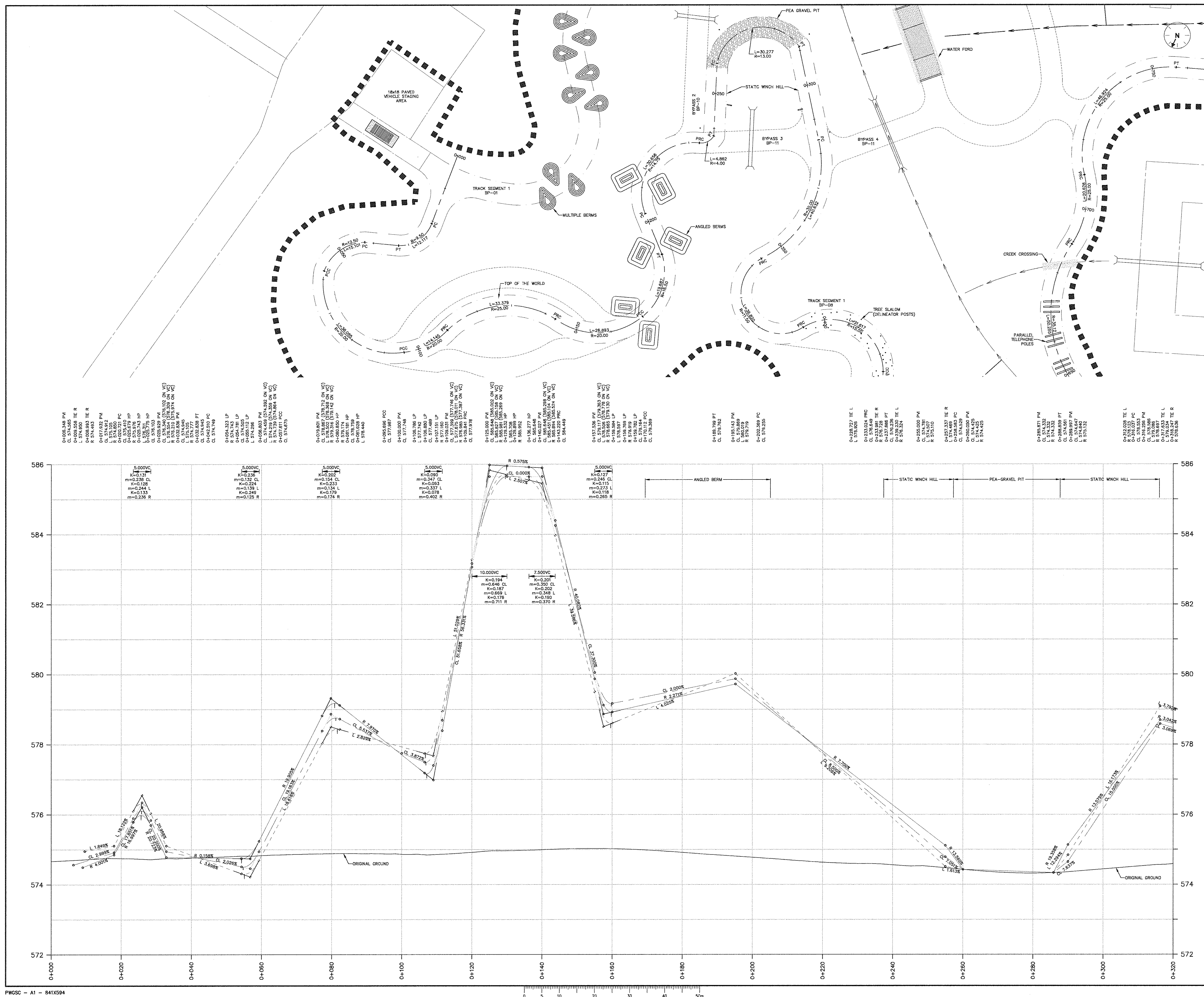
3104102	BP-07	no. 2
---------	-------	-------

3104102	DF-07	2.0
---------	-------	-----

	11 OF 28	
--	----------	--

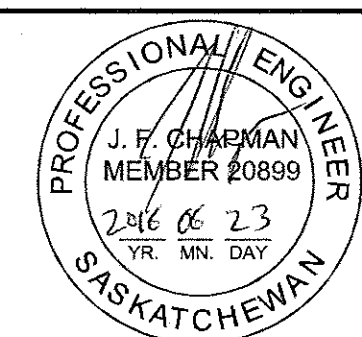
### MON 04 134 TRACK ALIGNMENT

ALGN-01 4X4 TRACK ALIGNMENT





PC - POINT OF CURVATURE  
PCC - POINT OF COMPOUND CURVATURE  
PT - POINT OF TANGENCY  
PRC - POINT OF REVERSE CURVATURE  
PVI - POINT OF VERTICAL INTERSECT  
VC - VERTICAL CURVATURE  
CL - CENTERLINE  
LE - LEFT EDGE OF TRACK  
RE - RIGHT EDGE OF TRACK  
HP - HIGH POINT  
LP - LOW POINT



Revision/	Description/Description	Date/Date
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-06
2	ISSUED FOR TENDER	2016-06-02

Client/client

**PWGC**

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet

**NEW DRIVER TRAINING TRACK  
PLAN & PROFILE**

Approved by/Approuvé par  
JFC

Designed by/Concept par  
TST

Drawn by/Dessiné par  
TST

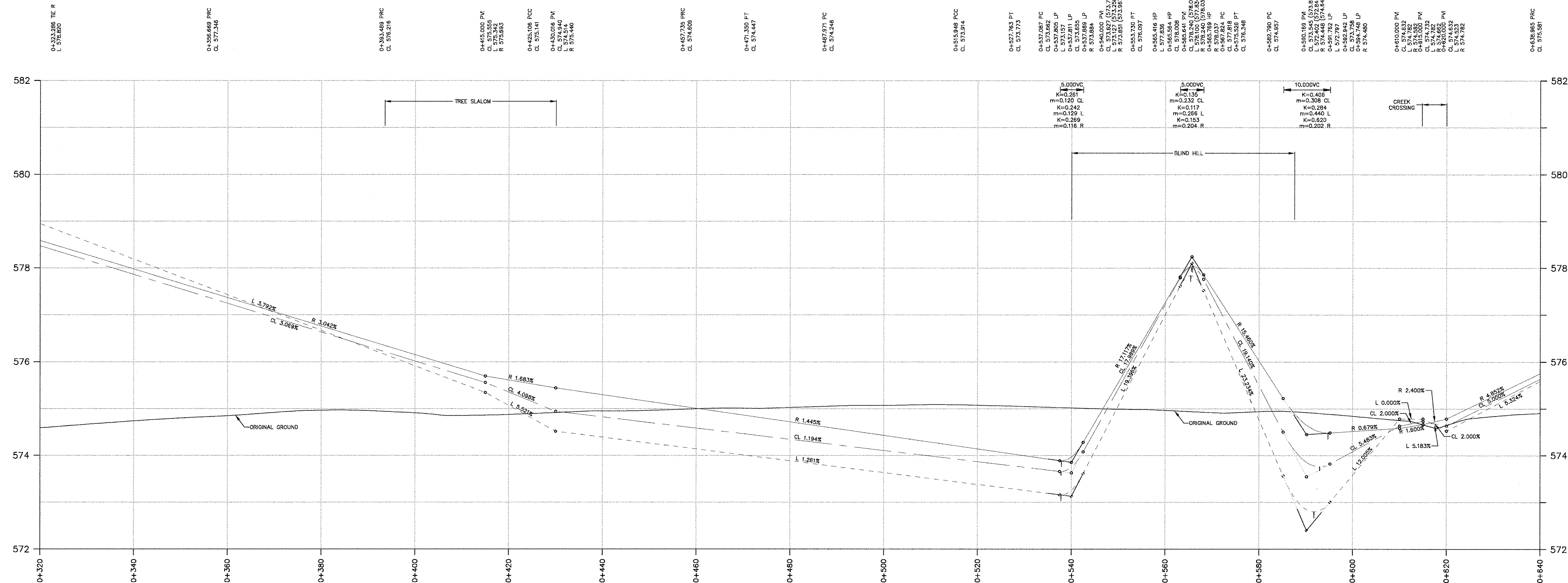
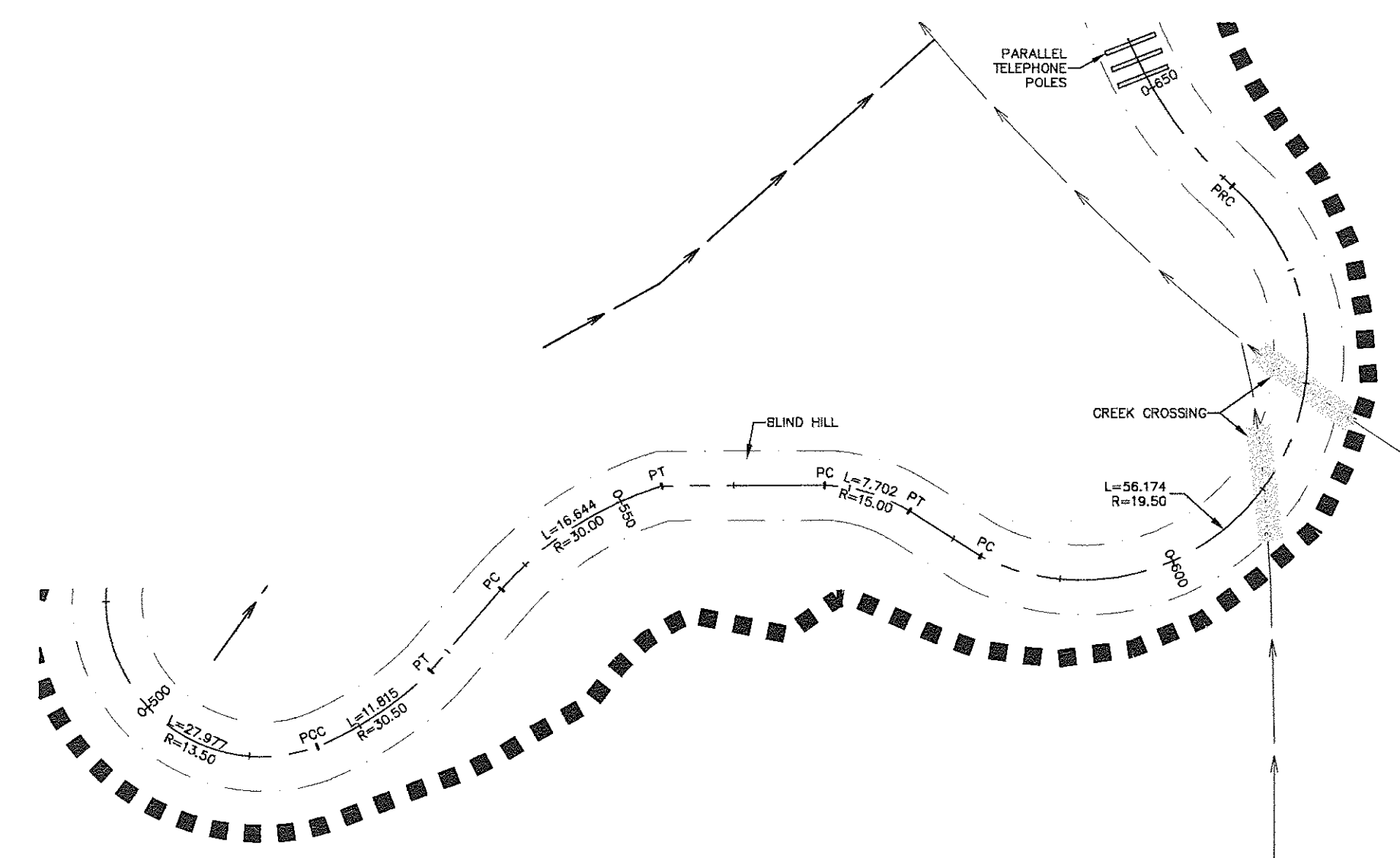
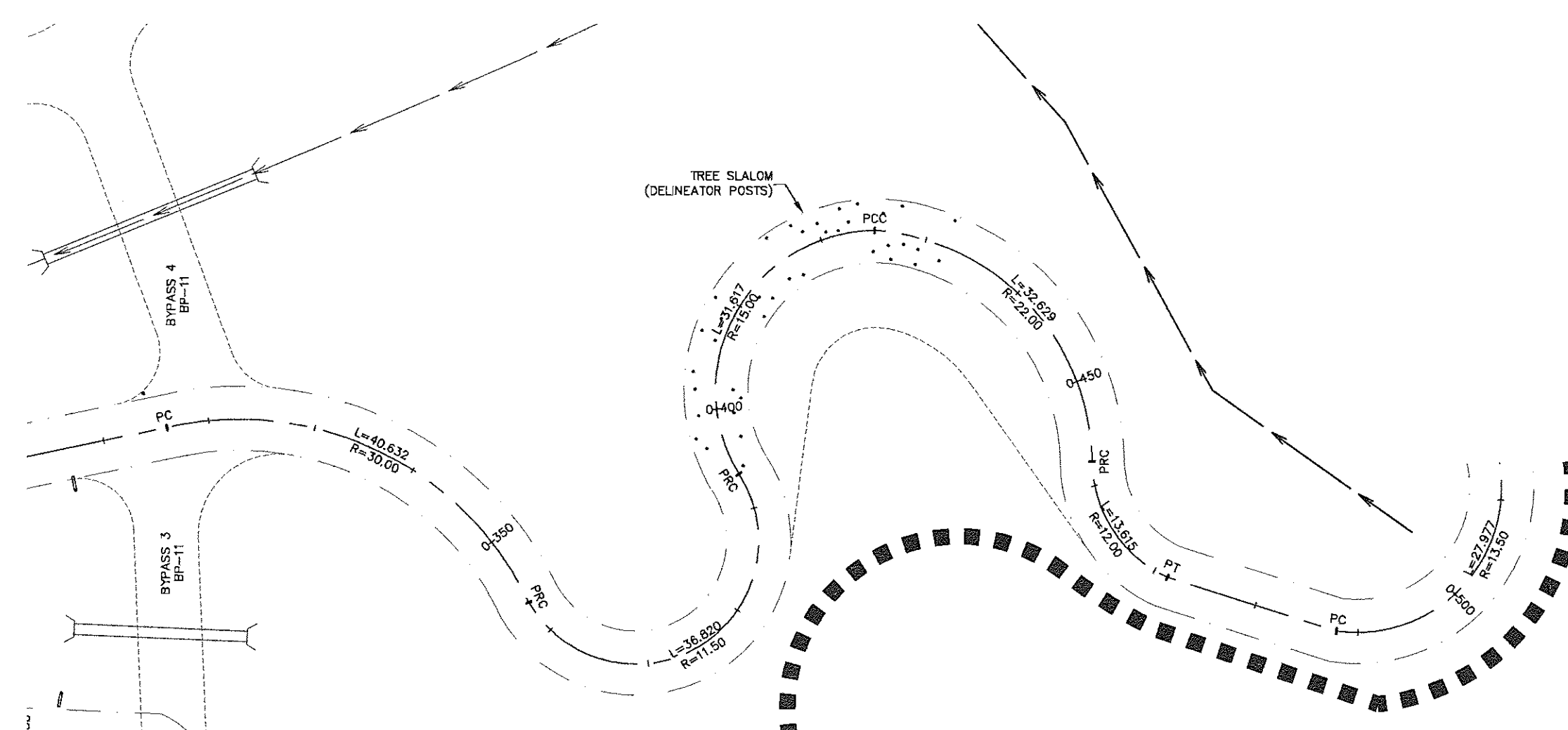
PWGC Project Manager/Administrateur de Projets TPSCG  
LIONEL OATWAY

PWGC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client

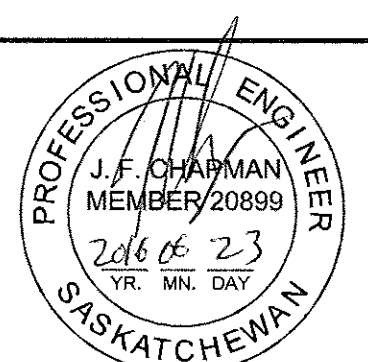
Drawing title/Titre du dessin  
**PLAN & PROFILE  
SEGMENT 5 STA 0+320 TO STA 0+640**

Project No./No. du projet <b>3104102</b>	Sheet/Feuille <b>BP-08</b> 12 OF 28	Revision no./ La Révision no. <b>2.0</b>
---	---	--






PC - POINT OF CURVATURE  
PCC - POINT OF COMPOUND CURVATURE  
PT - POINT OF TANGENT  
PRC - POINT OF REVERSE CURVATURE  
PVI - POINT OF VERTICAL INTERSECT  
VC - VERTICAL CURVATURE  
CL - CENTERLINE  
L - LEFT EDGE OF TRACK  
R - RIGHT EDGE OF TRACK  
HP - HIGH POINT  
LP - LOW POINT



Association of Professional Engineers & Geoscientists  
of Saskatchewan

CERTIFICATE OF AUTHORIZATION  
Morrison Hershfield Limited.  
Number C0019

Permission to Consult held by:

Discipline	Stk. Reg. No.	Signature
Civil	20899	

2	ISSUED FOR TENDER	2016-06-22
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-06
<b>Revision / Revision</b>	<b>Description/Description</b>	<b>Date/Date</b>

Client/client

**PWGSC**

**1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8**

Project title/Titre du projet

## NEW DRIVER TRAINING TRACK PLAN & PROFILE

Approved by/Approuvé par  
JEC

Designed by/Concept par  
TST

Drawn by/Dessiné par  
TST

PWGSC Project Manager/Administrateur de Projets TPSGC  
LIONEL OATWAY

PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'Ingénierie, TPSGC

**Client/client**

Drawing title/Titre du dessin

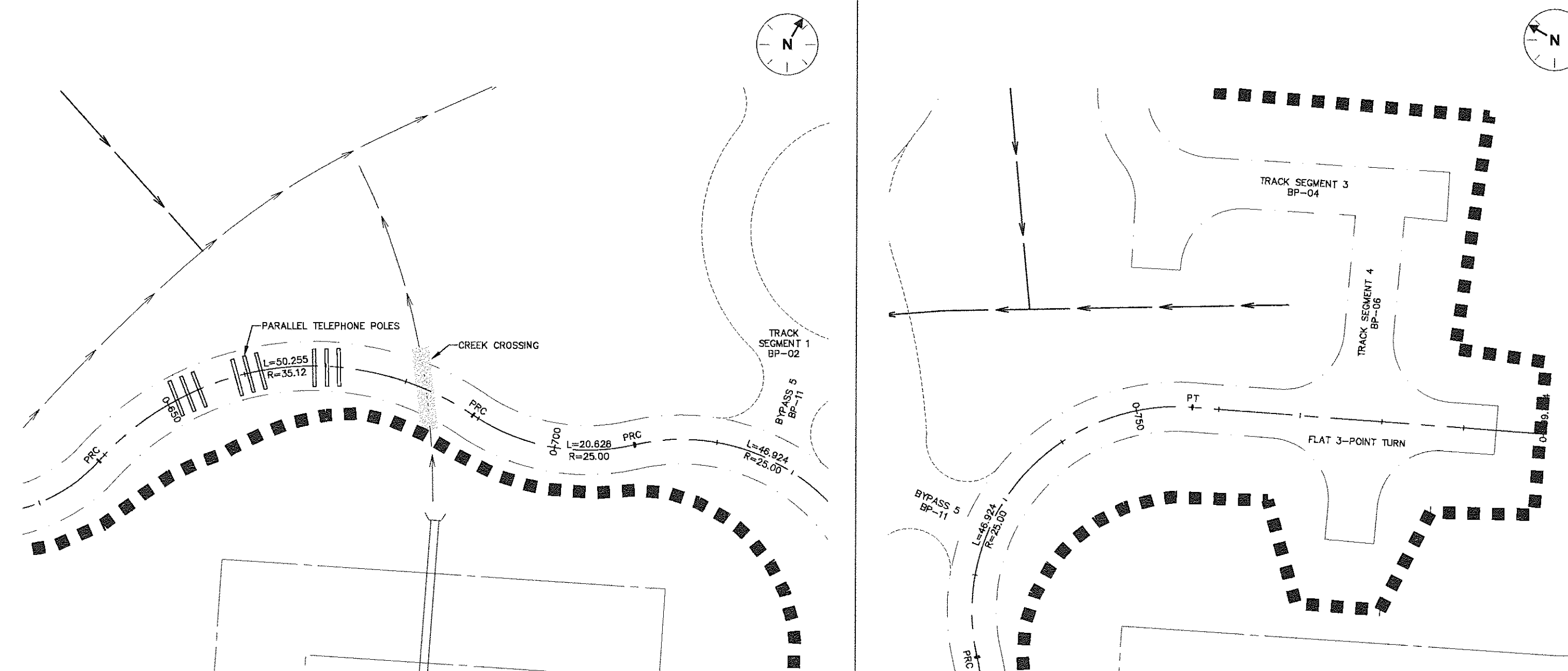
## PLAN & PROFILE

**SEGMENT 5 STA 0+640 TO STA 0+800**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision
---------------------------	---------------	--------------------------

3104102	BP-09	no. 2.0
---------	-------	---------

13 OF 28



0+653.676 PM  
CL 576.318  
L 576.316  
R 575.416

0+680.003 PM  
CL 574.937  
1 574.900

0+589.220 PRC  
CL 574.922

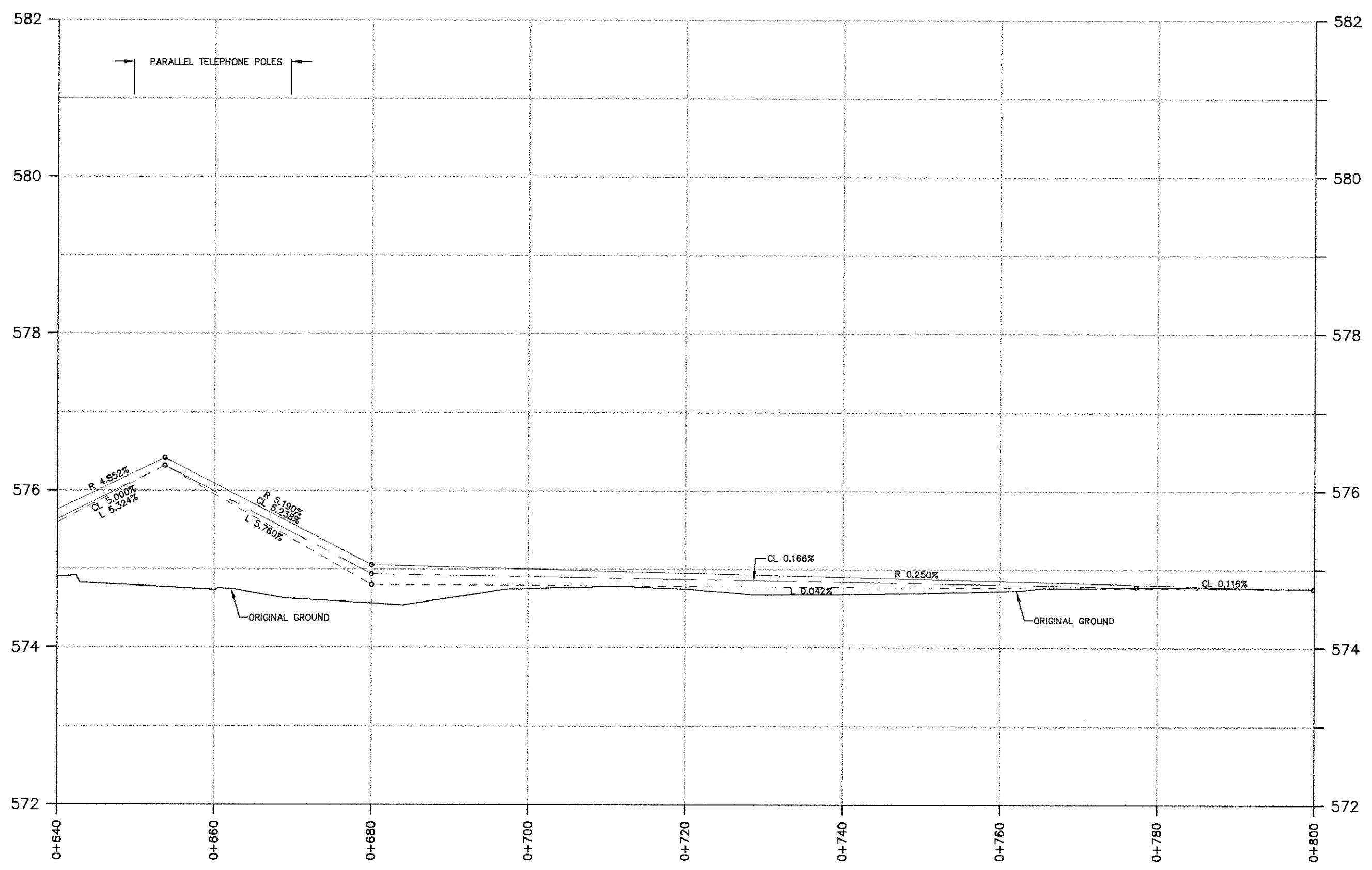
0+709.848 PRC  
CL 574.888

0+723.391 THE R  
L 574.782

0+755.772 P.Y  
CL 574.810

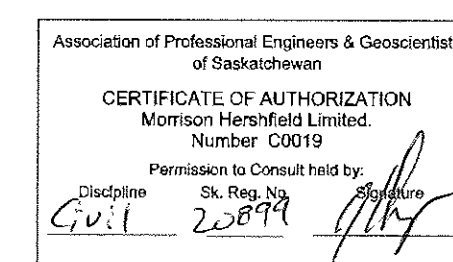
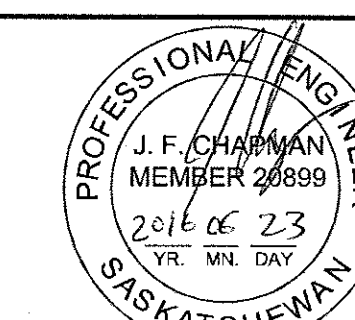
0+774.360 TIE R  
R 574.814  
0+774.461 TIE R  
L 574.761  
0+777.323 PM  
CL 574.776  
0+780.361 TIE L  
R 574.799  
0+780.462 TIE L  
L 574.758

0+799.784 PM  
CL 574.750  
L 574.750





PC - POINT OF CURVATURE  
PCC - POINT OF COMPOUND CURVATURE  
PT - POINT OF TANGENT  
PRC - POINT OF REVERSE CURVATURE  
PVI - POINT OF VERTICAL INTERSECT  
VC - VERTICAL CURVATURE  
CL - CENTERLINE  
L - LEFT EDGE OF TRACK  
R - RIGHT EDGE OF TRACK  
HP - HIGH POINT  
LP - LOW POINT



---	---	---
---	---	---
---	---	---
---	---	---
2	ISSUED FOR TENDER	2016-06-23
1	ISSUED FOR CLASS-B COST ESTIMATE	2016-03-08
Revision/ Révision	Description/Description	Date/Date

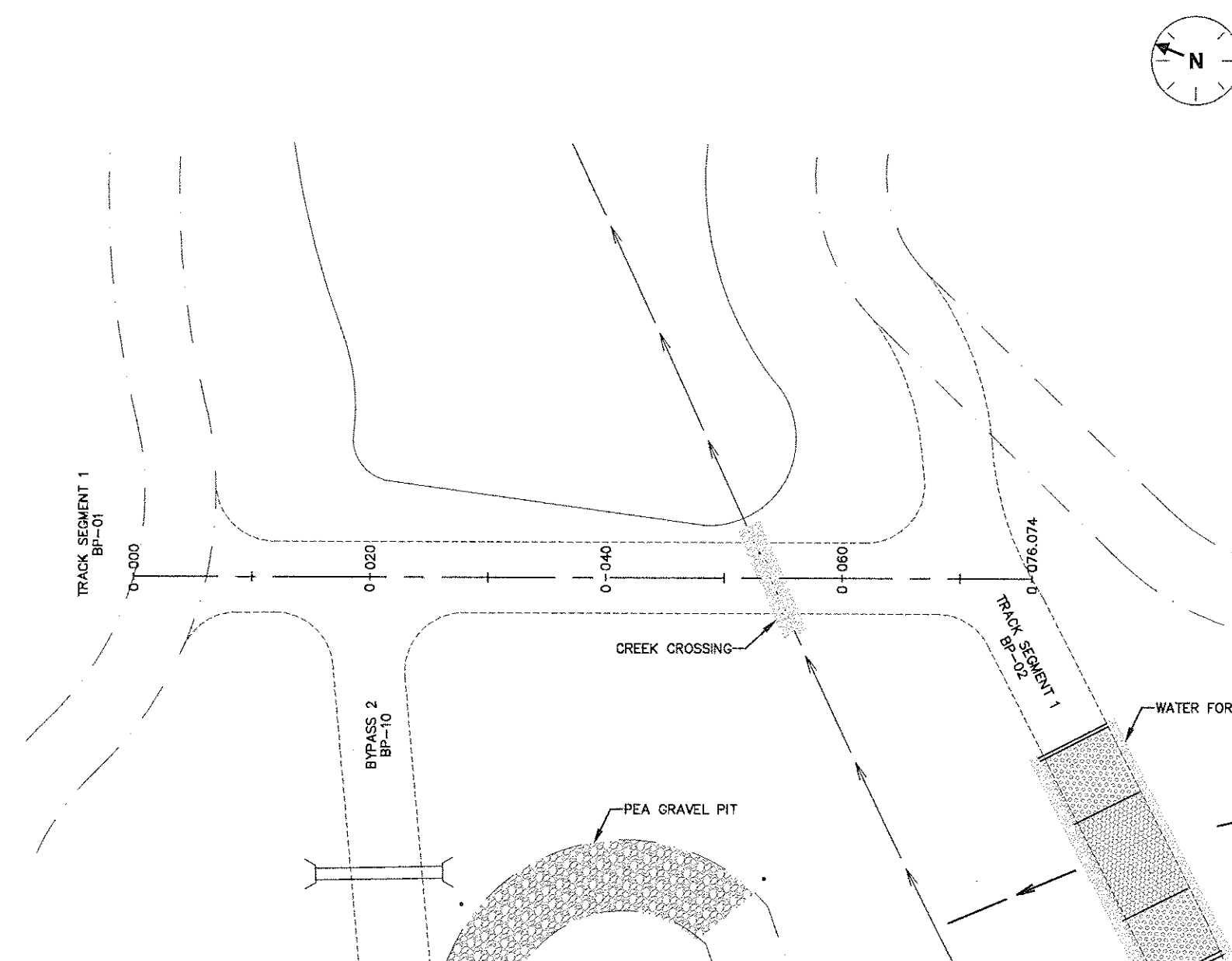
Client/client  
**PWGSC**  
  
1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet  
  
**NEW DRIVER TRAINING TRACK  
PLAN & PROFILE**

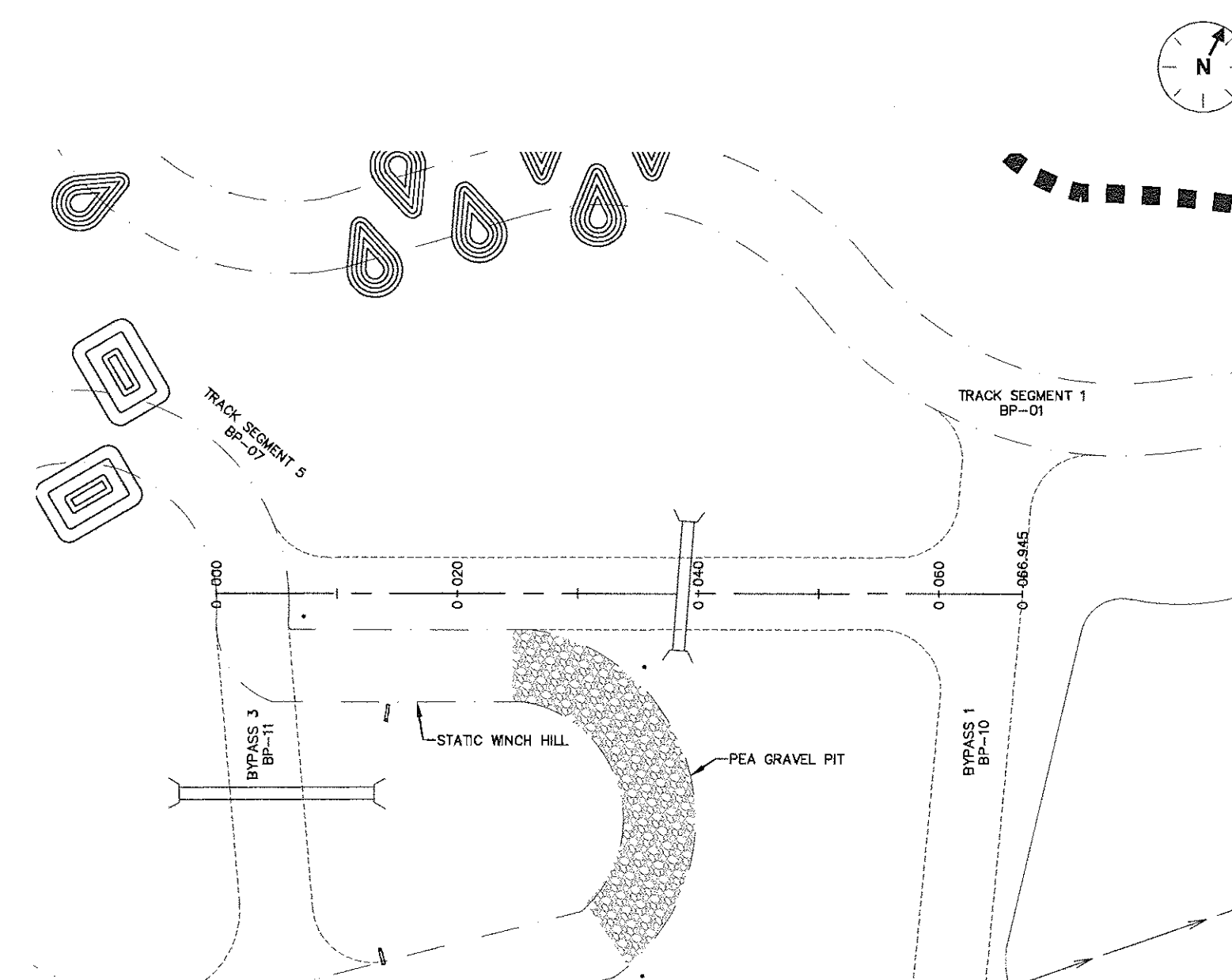
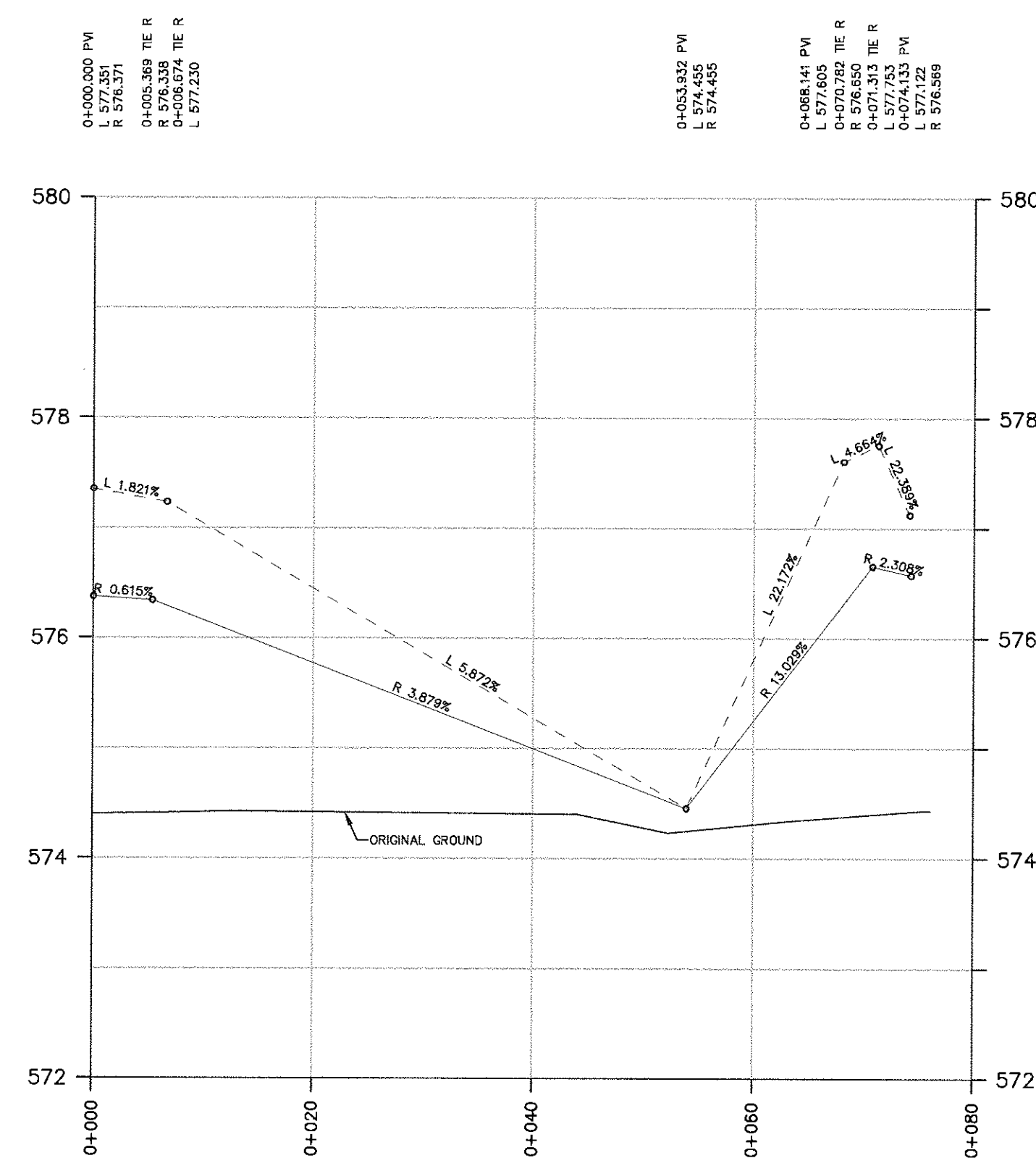
Approved by/Approuvé par  
JFC  
Designed by/Concept par  
TST  
Drawn by/Dessiné par  
TST  
PWGSC Project Manager/Administrateur de Projets TPSSC  
LIONEL OATWAY  
PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSSC

Client/client  
  
Drawing title/Titre du dessin  
**PLAN & PROFILE  
BYPASS AREA 1 & 2**

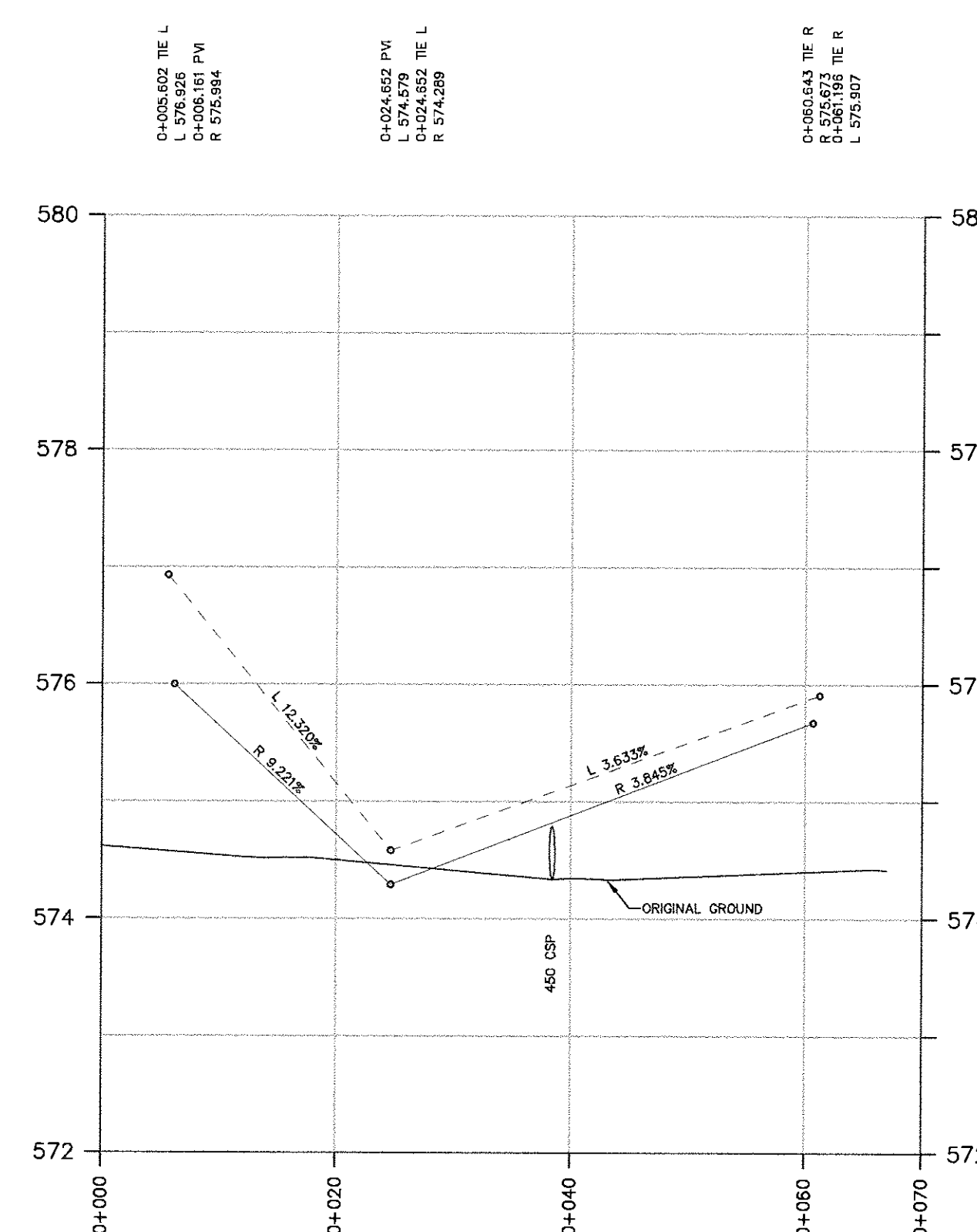
Project No./No. du projet <b>3104102</b>	Sheet/Fauille <b>BP-10</b> 14 OF 28	Revision no./ Loi Révision <b>2.0</b>
--	---	---



BYPASS 1

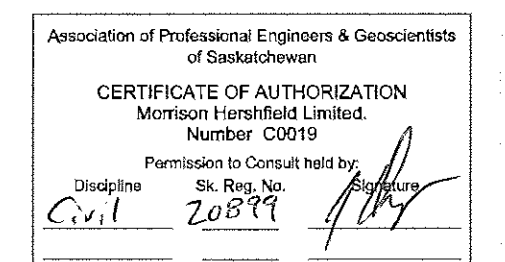
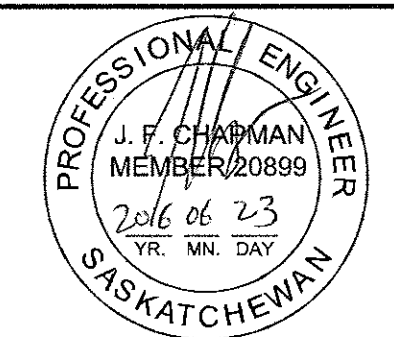


BYPASS 2





PC - POINT OF CURVATURE  
PCC - POINT OF COMPOUND CURVATURE  
PT - POINT OF TANGENT  
PRC - POINT OF REVERSE CURVATURE  
PM - POINT OF VERTICAL INTERSECT  
VC - VERTICAL CURVATURE  
CL - CENTERLINE  
L - LEFT EDGE OF TRACK  
R - RIGHT EDGE OF TRACK  
HP - HIGH POINT  
LP - LOW POINT  
CSP - CORRUGATED STEEL PIPE



---	---	---
---	---	---
---	---	---
---	---	---
2	ISSUED FOR TENDER	2016-06-22
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-05-05

Revision/	Description/Description	Date/Date
-----------	-------------------------	-----------

Client/client

PWGSC

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet

## NEW DRIVER TRAINING TRACK PLAN & PROFILE

Approved by/Approuvé par  
JFC

Designed by/Concept par  
TST

Drawn by/Dessiné par  
TST

PWGSC Project Manager/Administrateur de Projets TPSCG  
LIONEL OATWAY

PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client

Drawing title/Titre du dessin

PLAN & PROFILE  
BYPASS AREA 3, 4 & 5

Project No./No. du  
projet

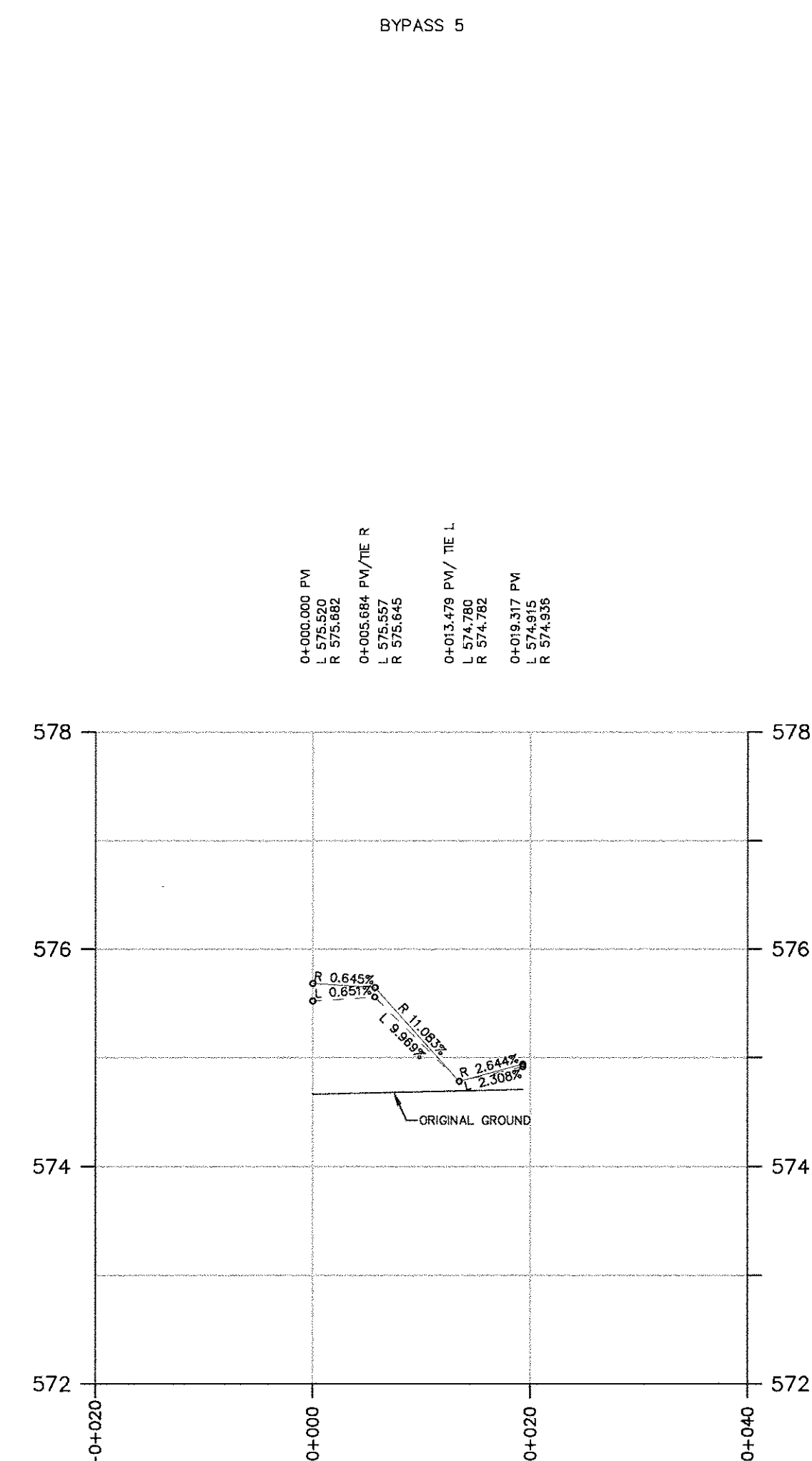
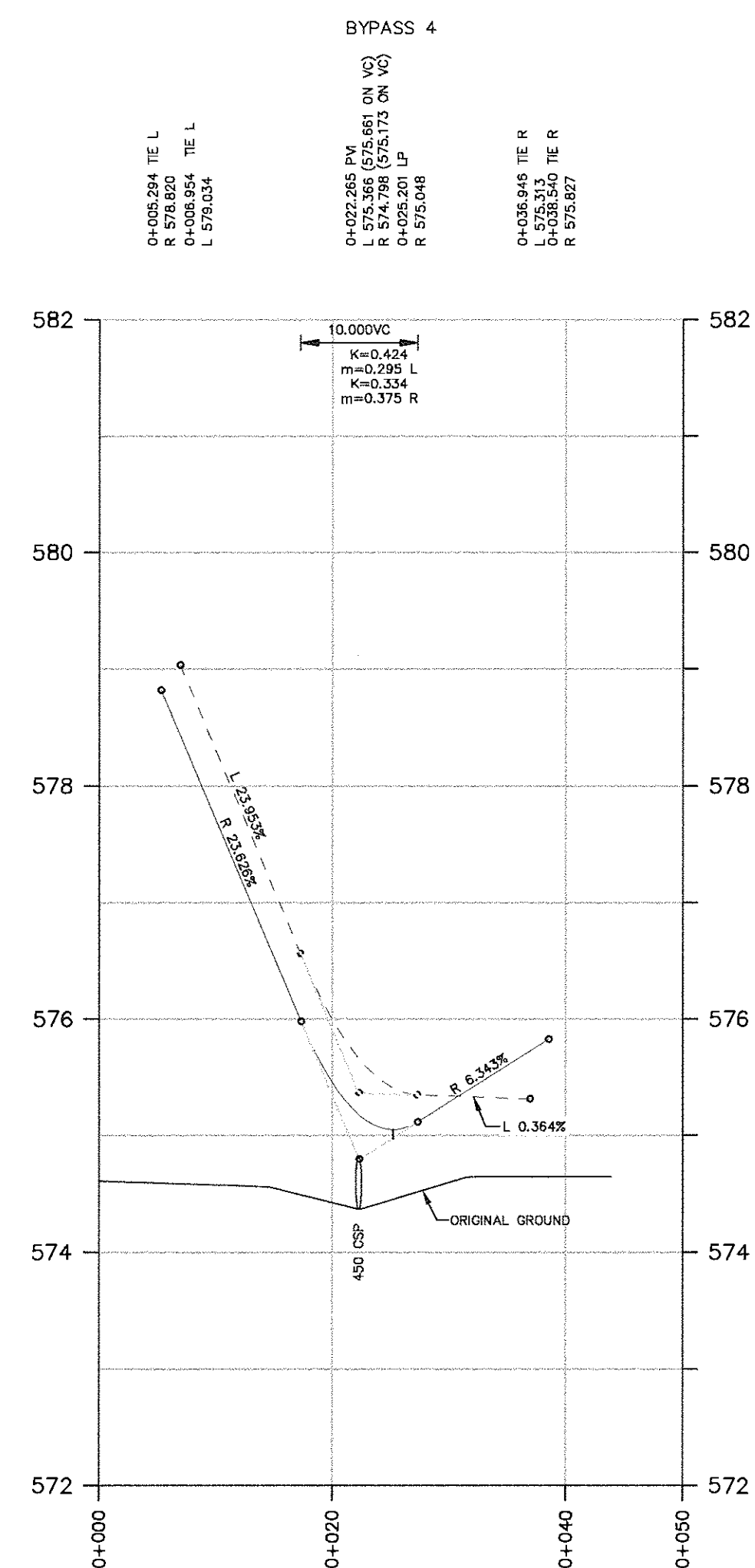
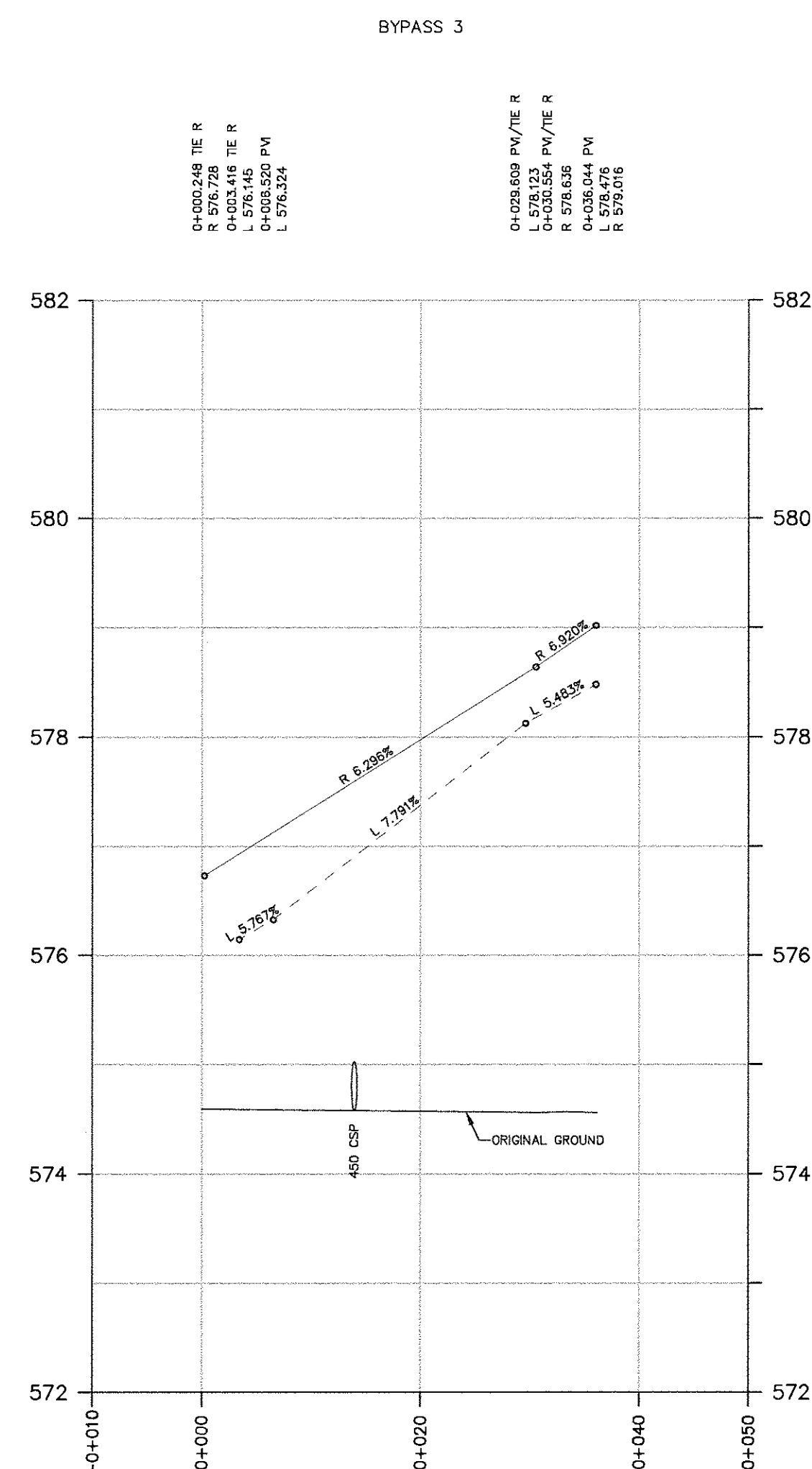
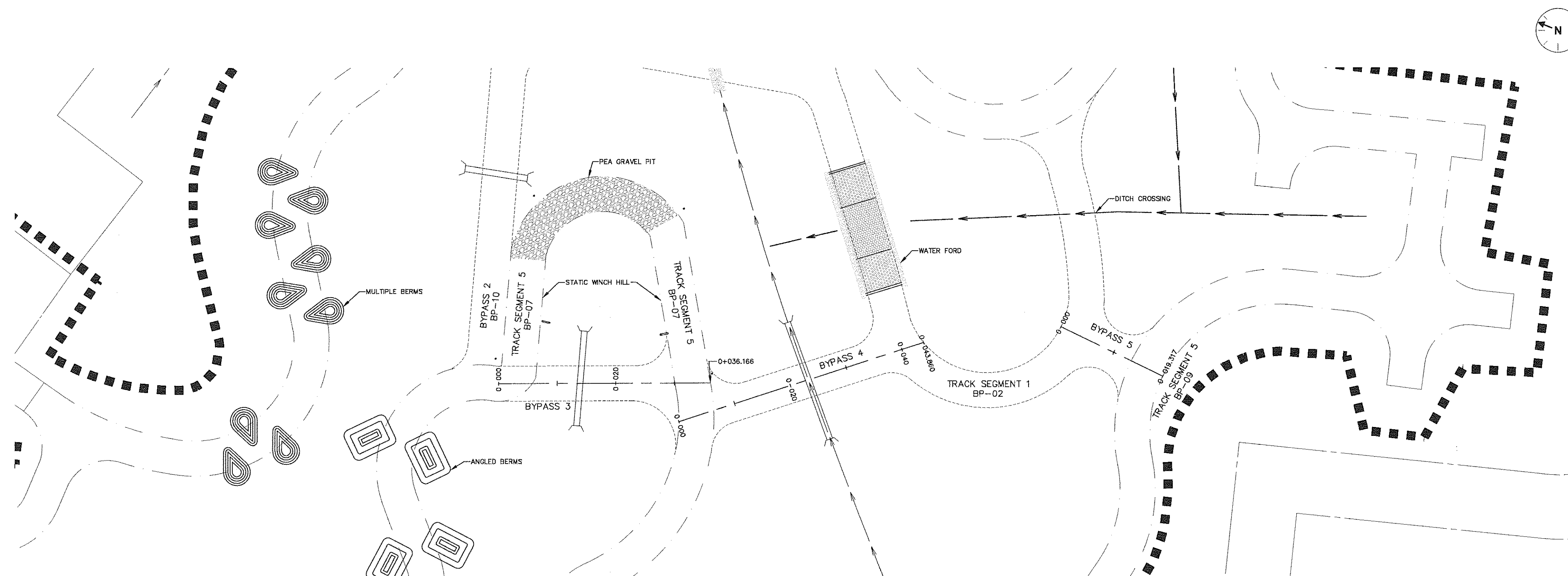
3104102

Sheet/ Feuille

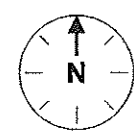
BP-11  
15 OF 28

Revision no./  
La Révision  
no.

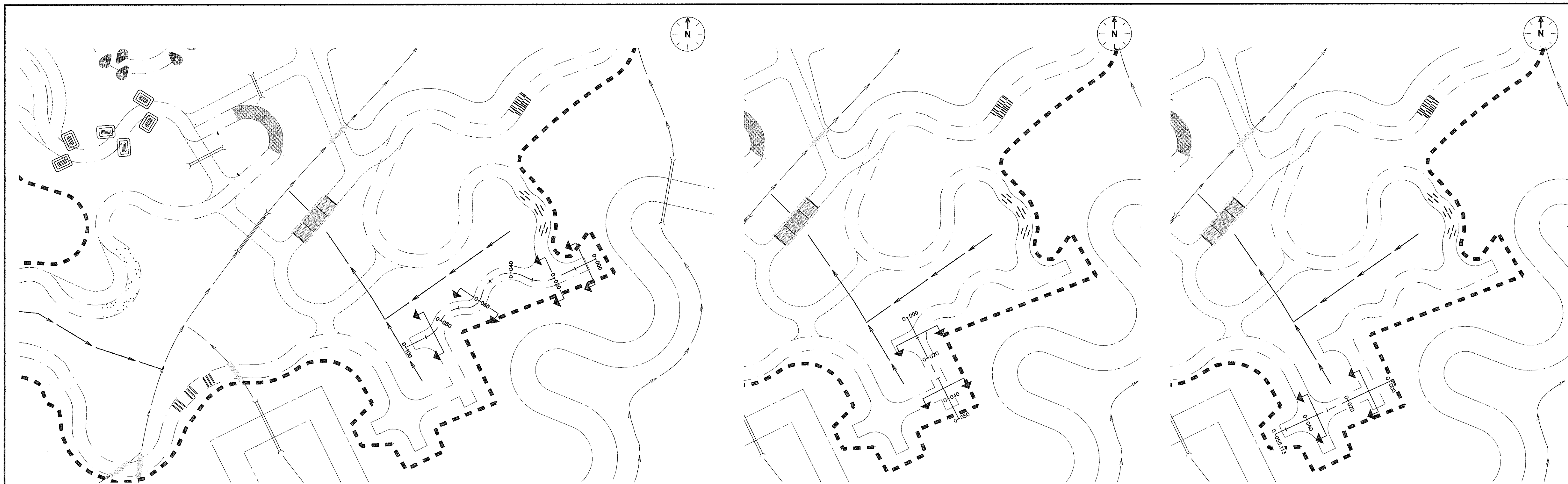
2.0



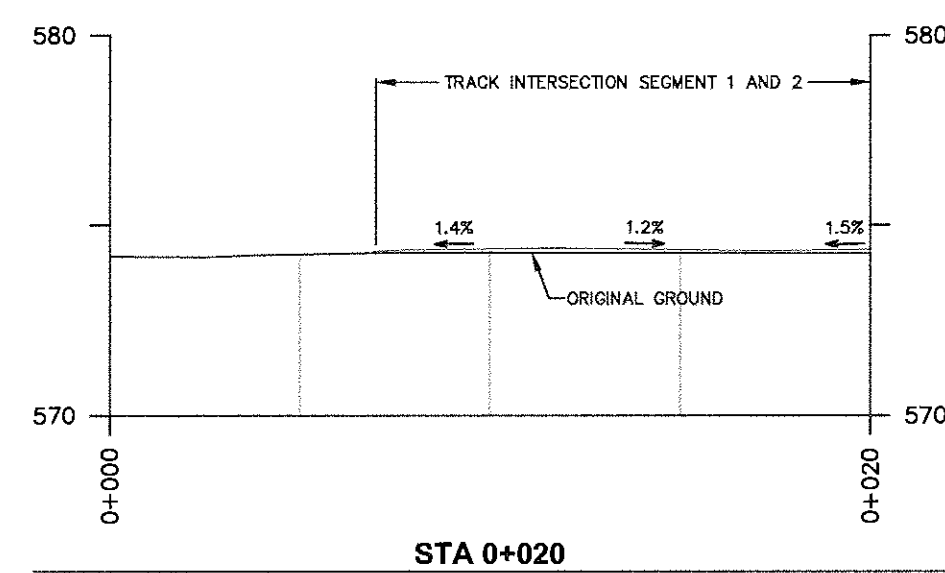
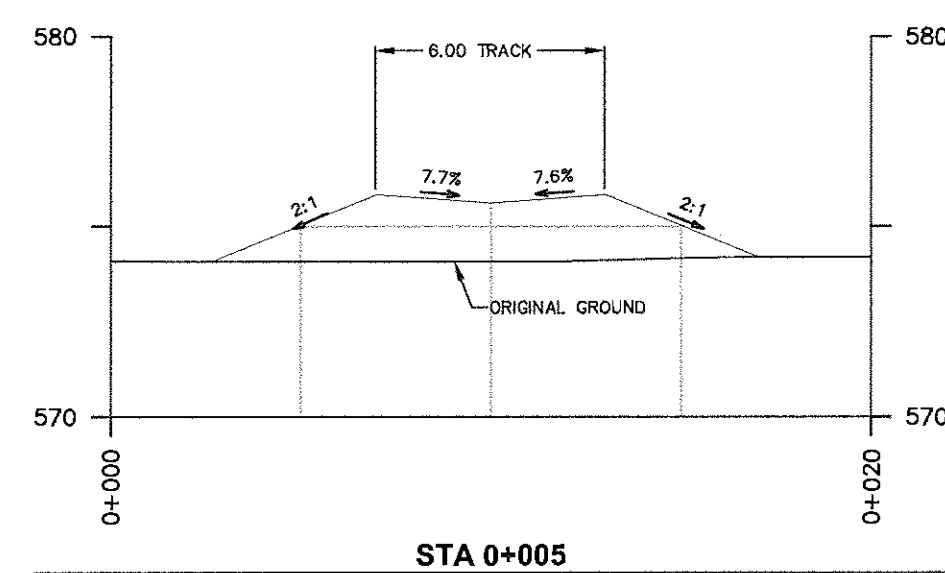




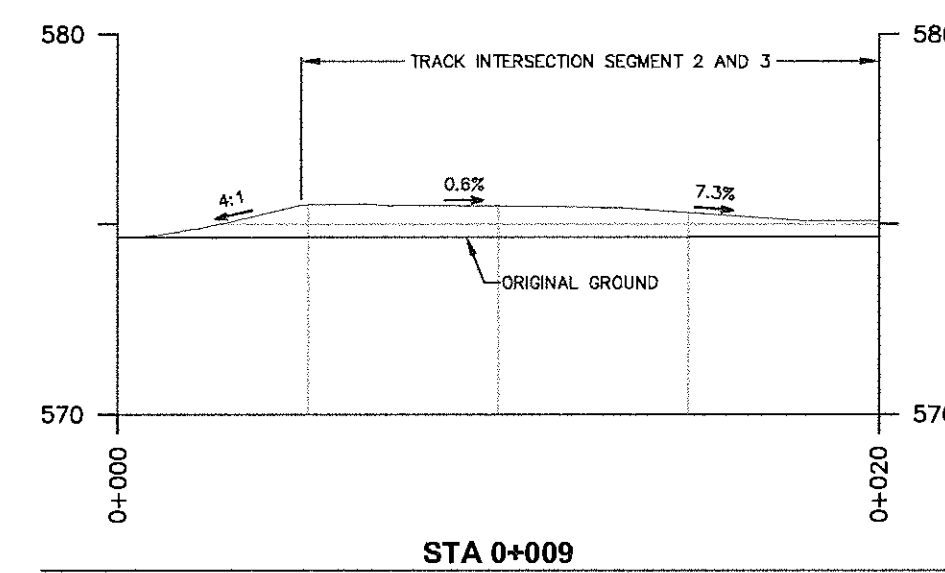




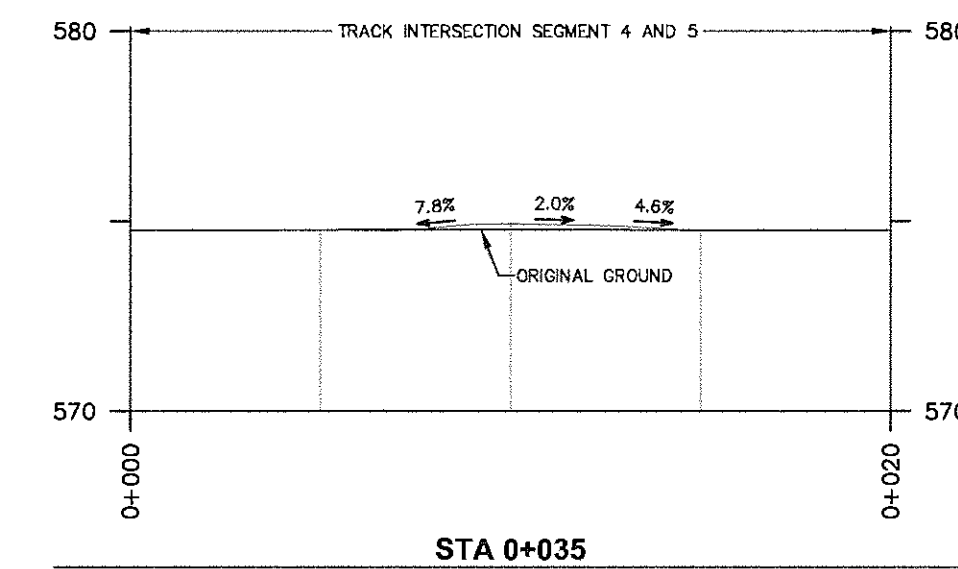
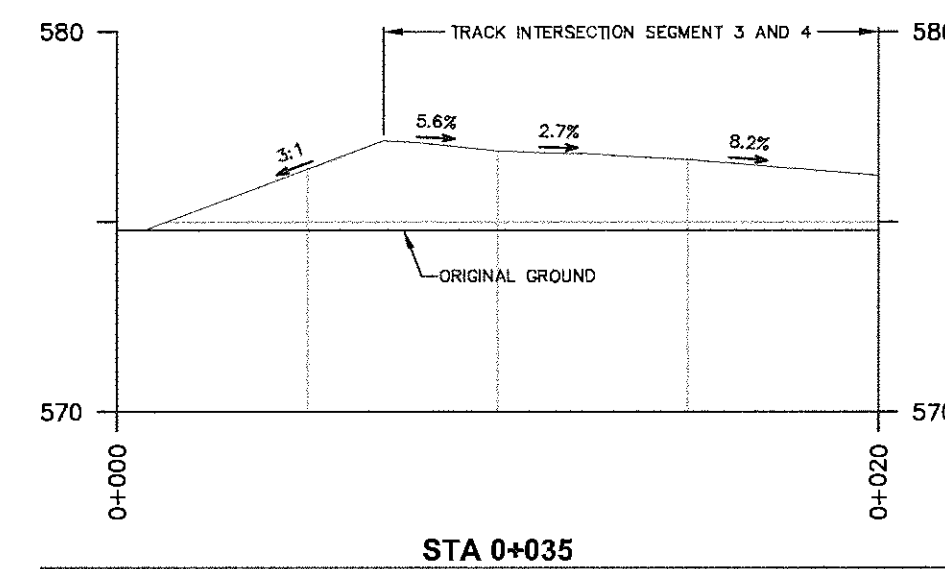
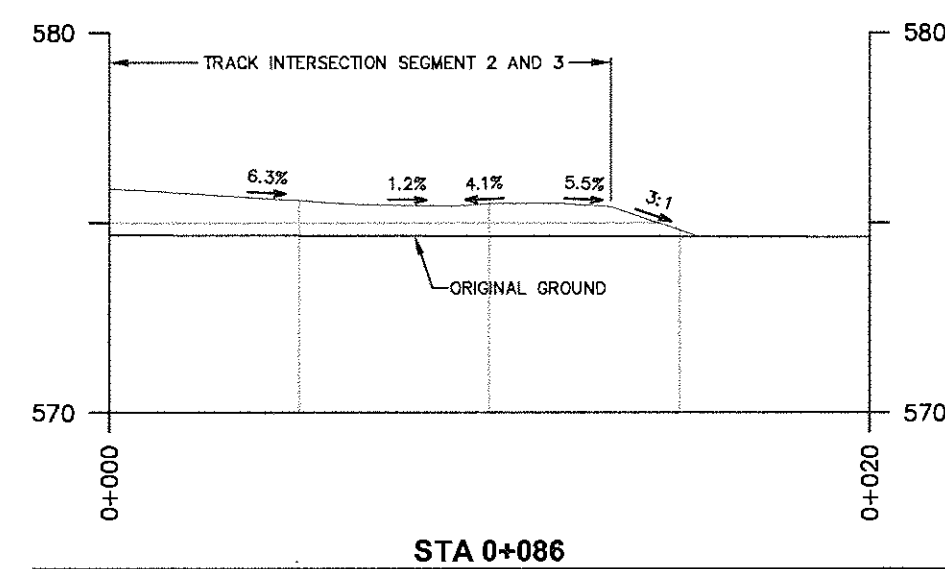
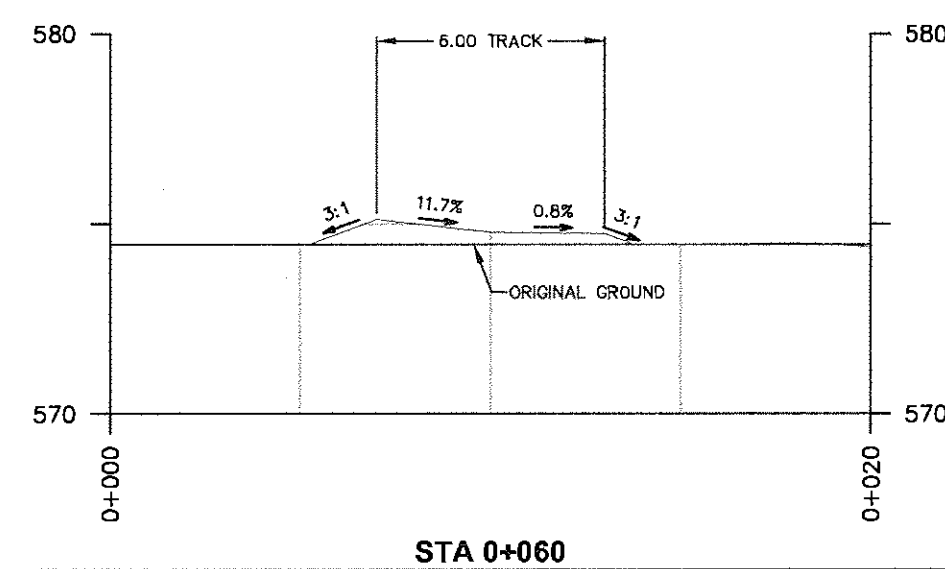
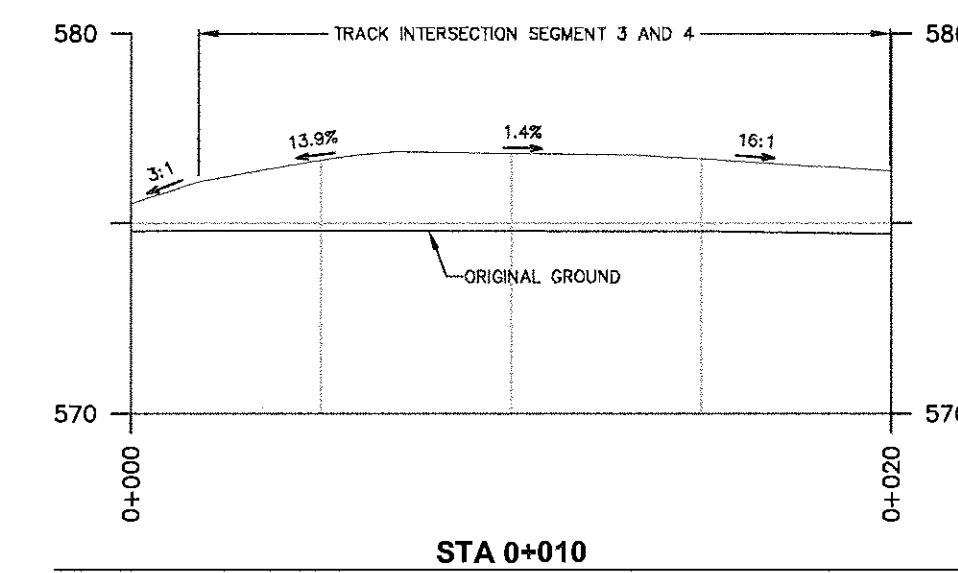
SEGMENT 2 CROSS-SECTIONS



SEGMENT 3 CROSS-SECTIONS



SEGMENT 4 CROSS-SECTIONS



Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

**REAL PROPERTY SERVICES**  
Western Region  
**SERVICES IMMOBILIERS**  
Région de l'ouest

REFER TO CHAINAGE ON PLAN FOR LOCATION

100mm GRAVEL FILL  
COMPACTED FILL  
**4X4 TRACK GRAVEL STRUCTURE**

**PROFESSIONAL ENGINEER**  
J. F. CHAPMAN  
MEMBER 20899  
286 06 23  
YR. MN. DAY  
SASKATCHEWAN

Association of Professional Engineers & Geoscientists of Saskatchewan  
**CERTIFICATE OF AUTHORIZATION**  
Morrison Hershfield Limited  
Number: C0019  
Permission to Consult held by:  
Discipline: Civil 20899  
Signature: [Signature]  
Date: 2014-03-06

Revision/	Description/Description	Date/Date
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-06
2	ISSUED FOR TENDER	2016-06-22

Client/client: **PWGSC**

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet: **NEW DRIVER TRAINING TRACK CROSS-SECTION**

Approved by/Approve par: JFC

Designed by/Concept par: TST

Drawn by/Dessiné par: TST

PWGSC Project Manager/Administrateur de Projets TPSPG: LIONEL OATWAY

PWGSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSPG

Client/client

Drawing title/Titre du dessin: **CROSS-SECTION SEGMENTS 2, 3 & 4**

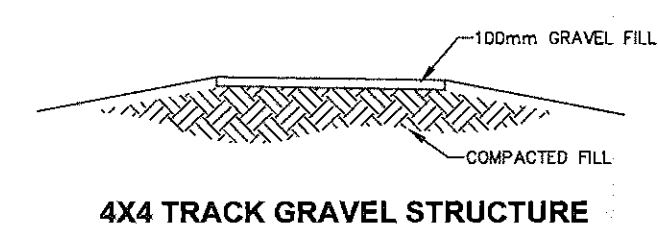
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
3104102	CS-02	2.0

17 OF 28

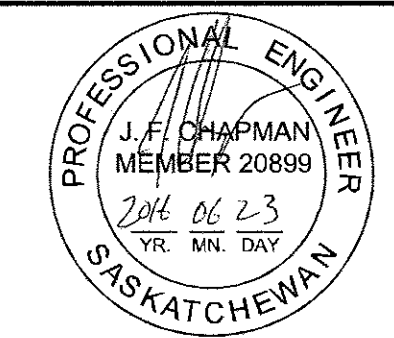
ALGN-01 4X4 TRACK ALIGNMENT



REFER TO CHAINAGE ON PLAN FOR LOCATION



4X4 TRACK GRAVEL STRUCTURE



Association of Professional Engineers & Geoscientists  
of Saskatchewan

CERTIFICATE OF AUTHORIZATION  
Morrison Hershfield Limited  
Number: C0019

Discipline: Civil  
20899

Revision/	Description/Description	Date/Date
2	ISSUED FOR TENDER	2016-06-22
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-26

Client/client

**PWGSC**

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet

**NEW DRIVER TRAINING TRACK  
CROSS-SECTION**

Approved by/Approuvé par  
JFC

Designed by/Concept par  
TST

Drawn by/Dessiné par  
TST

PWGSC Project Manager/Administrateur de Projets TPSGC  
LIONEL OATWAY

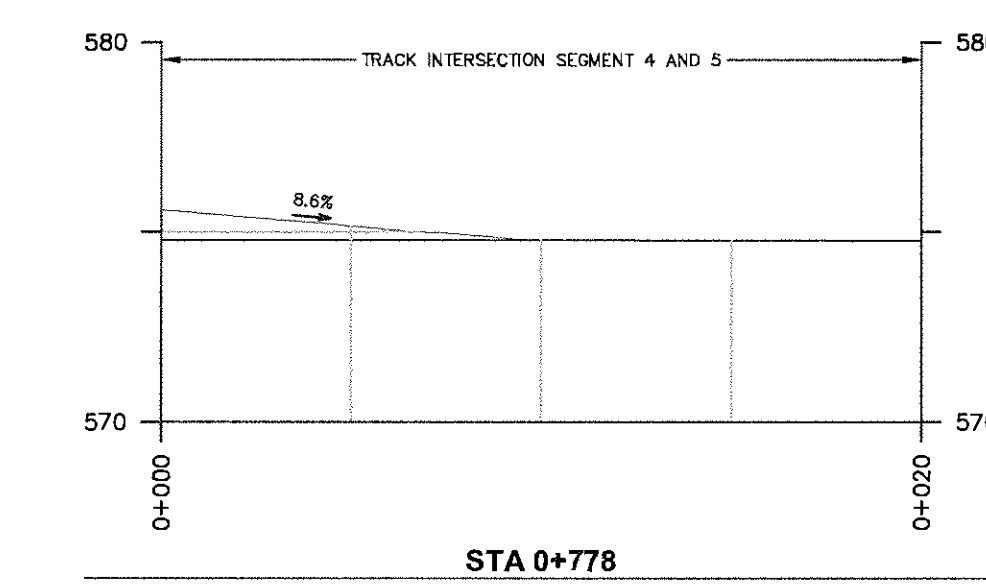
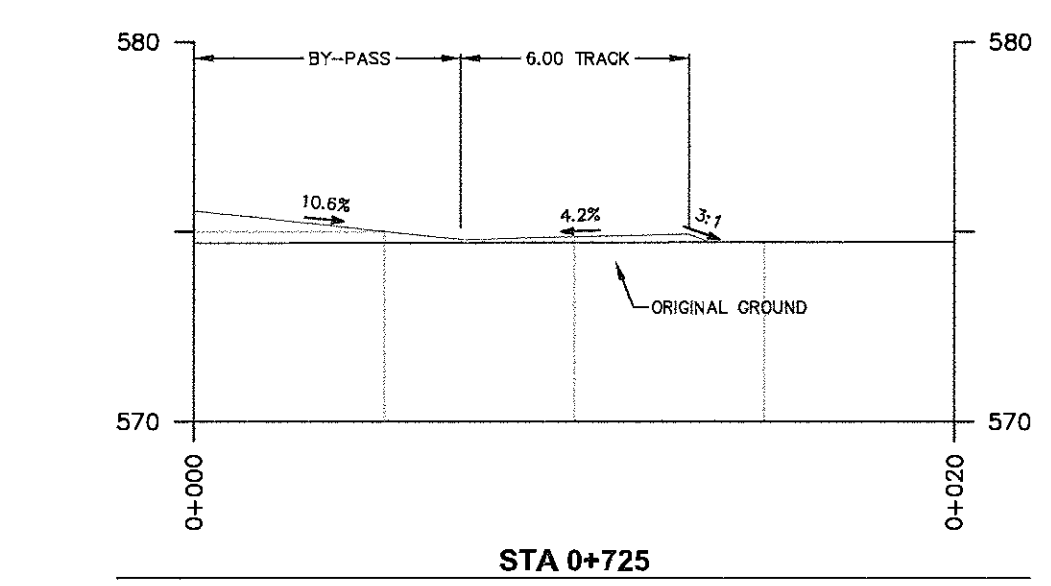
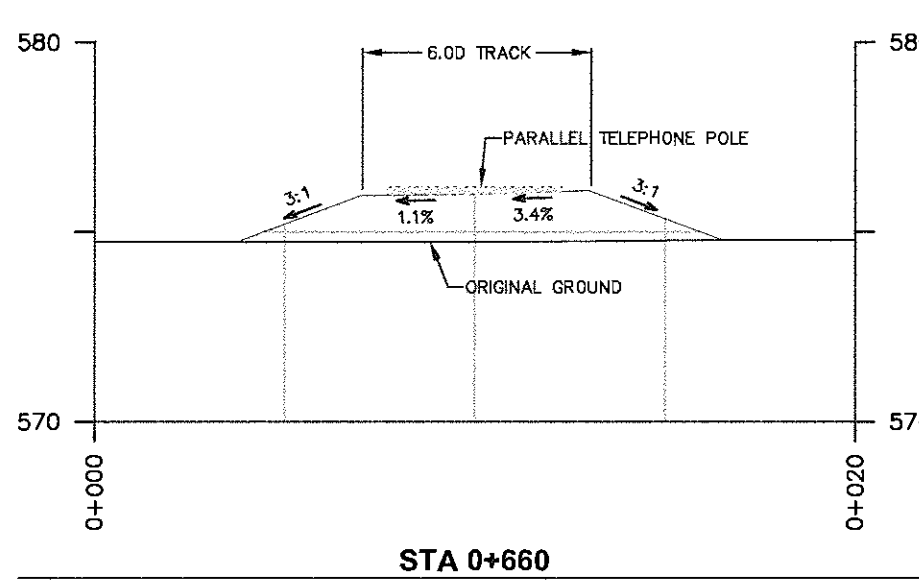
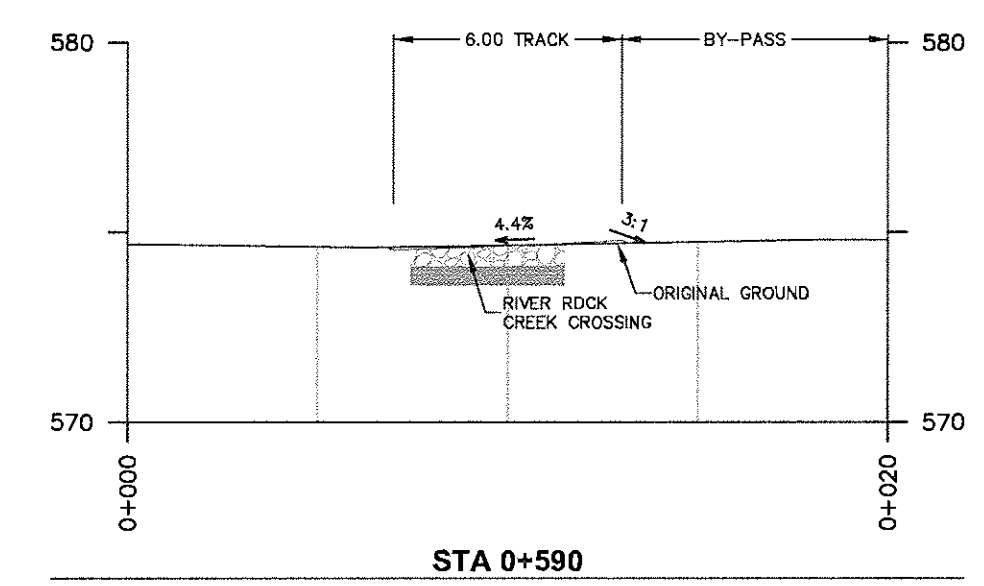
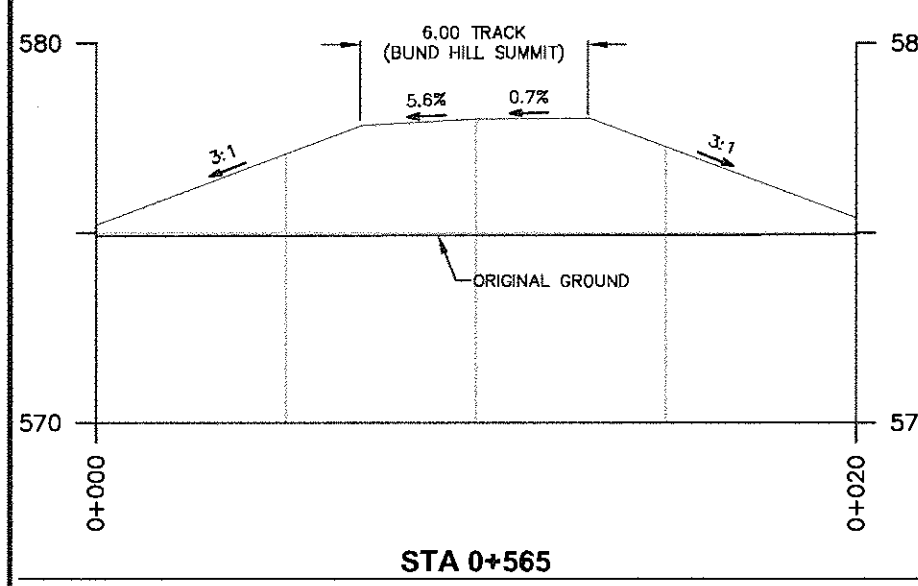
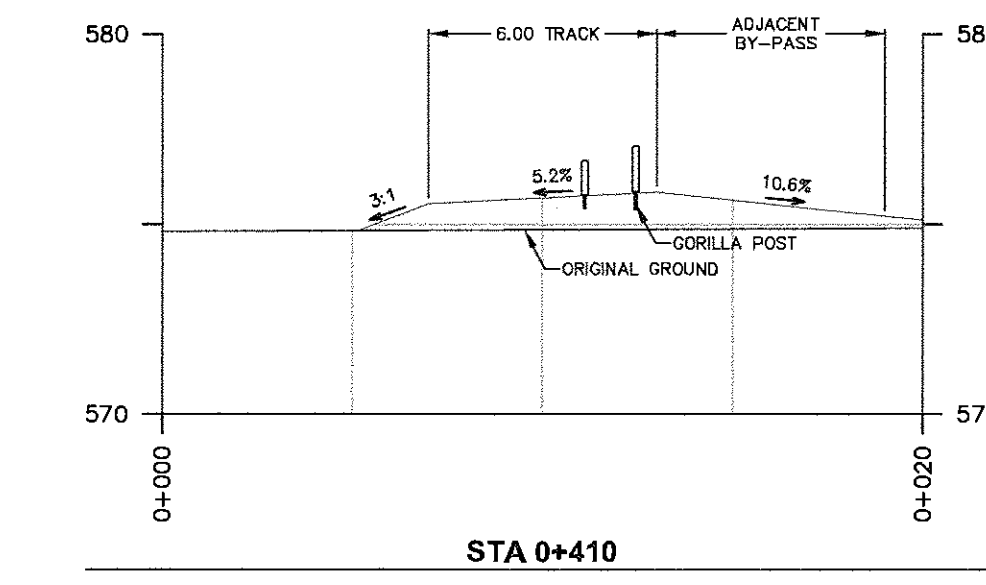
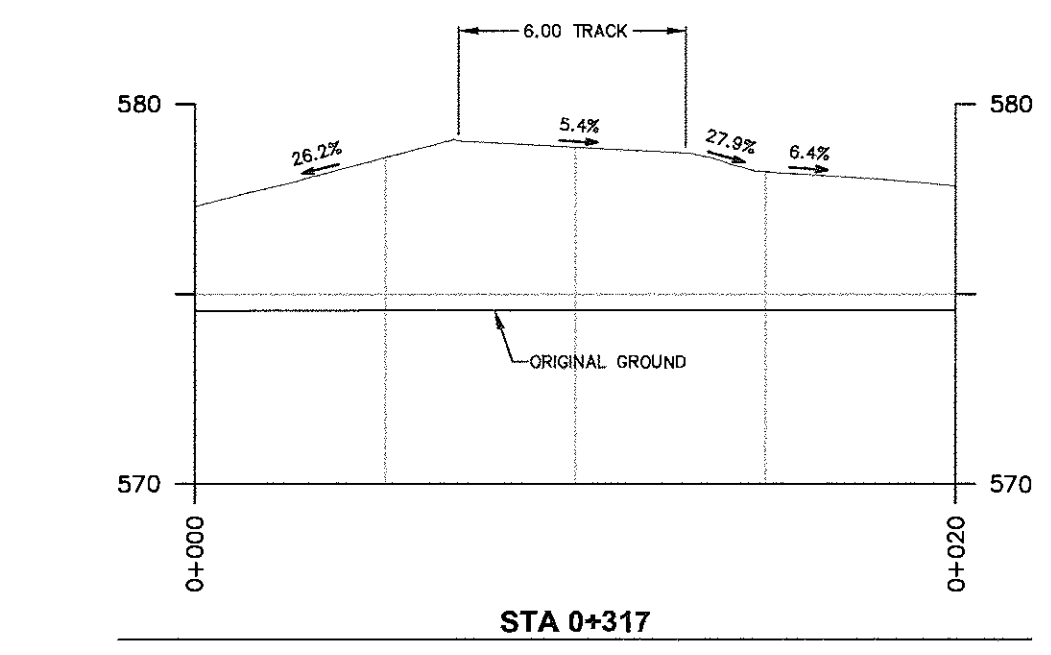
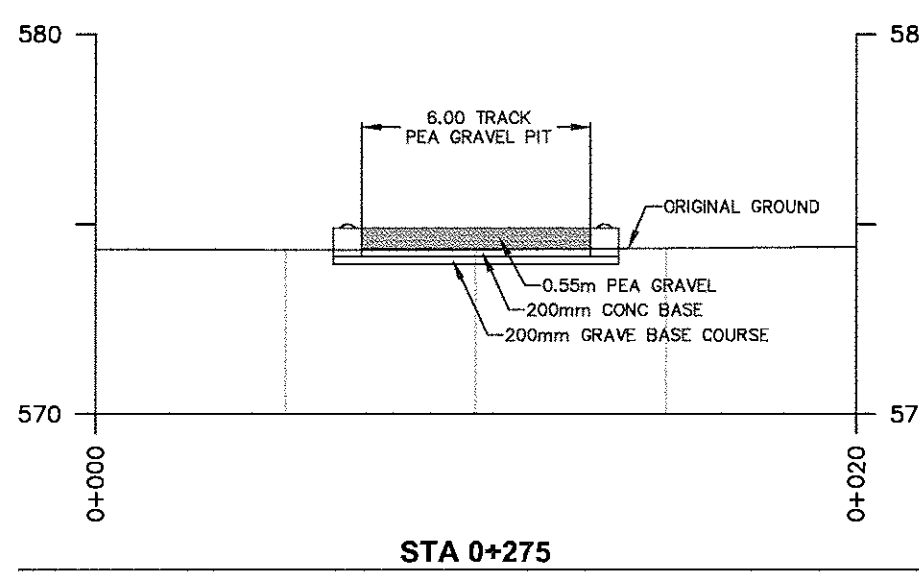
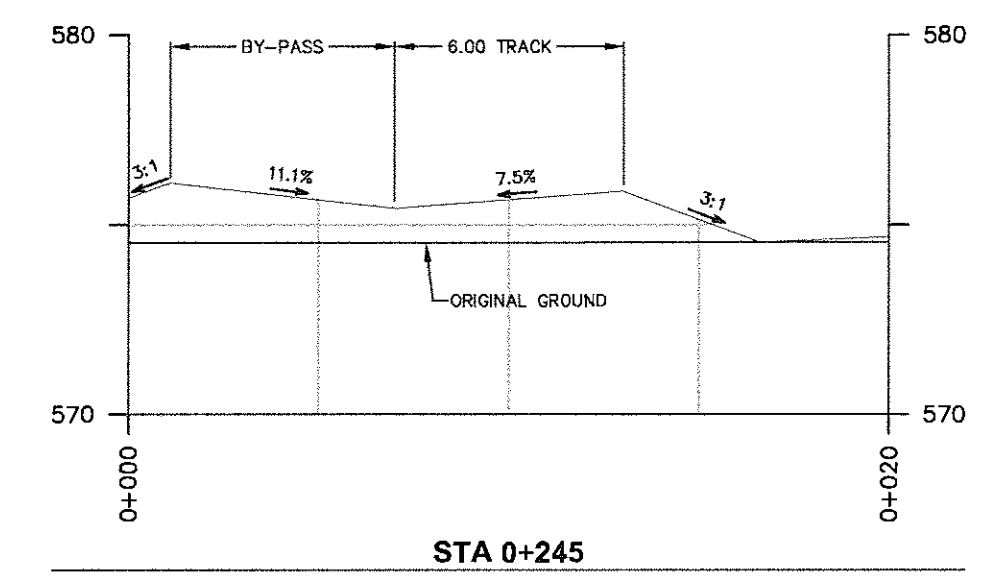
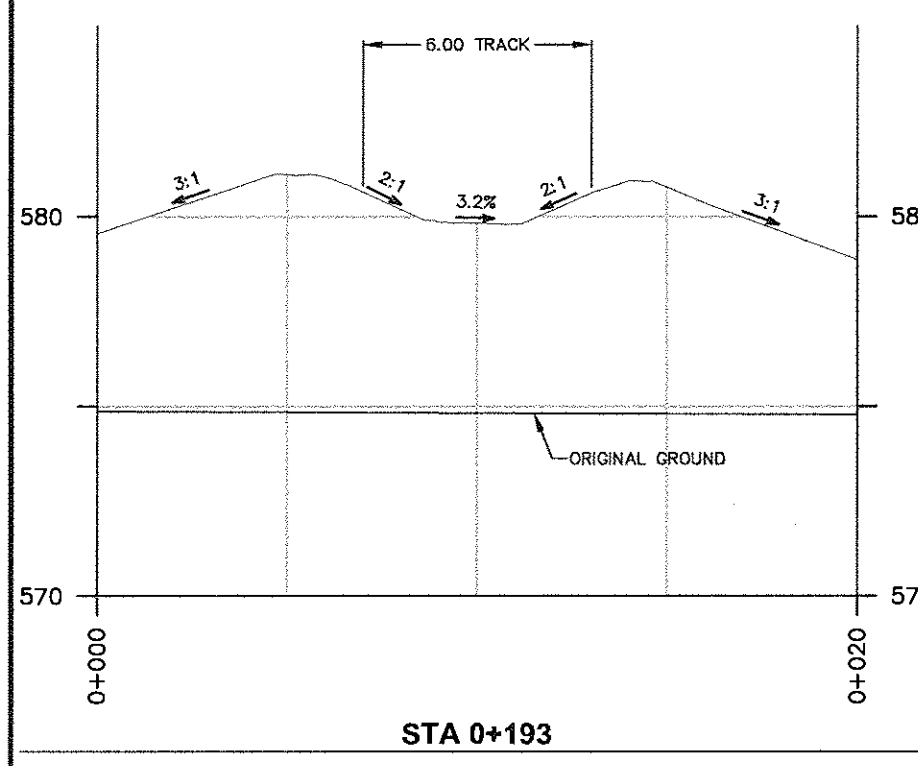
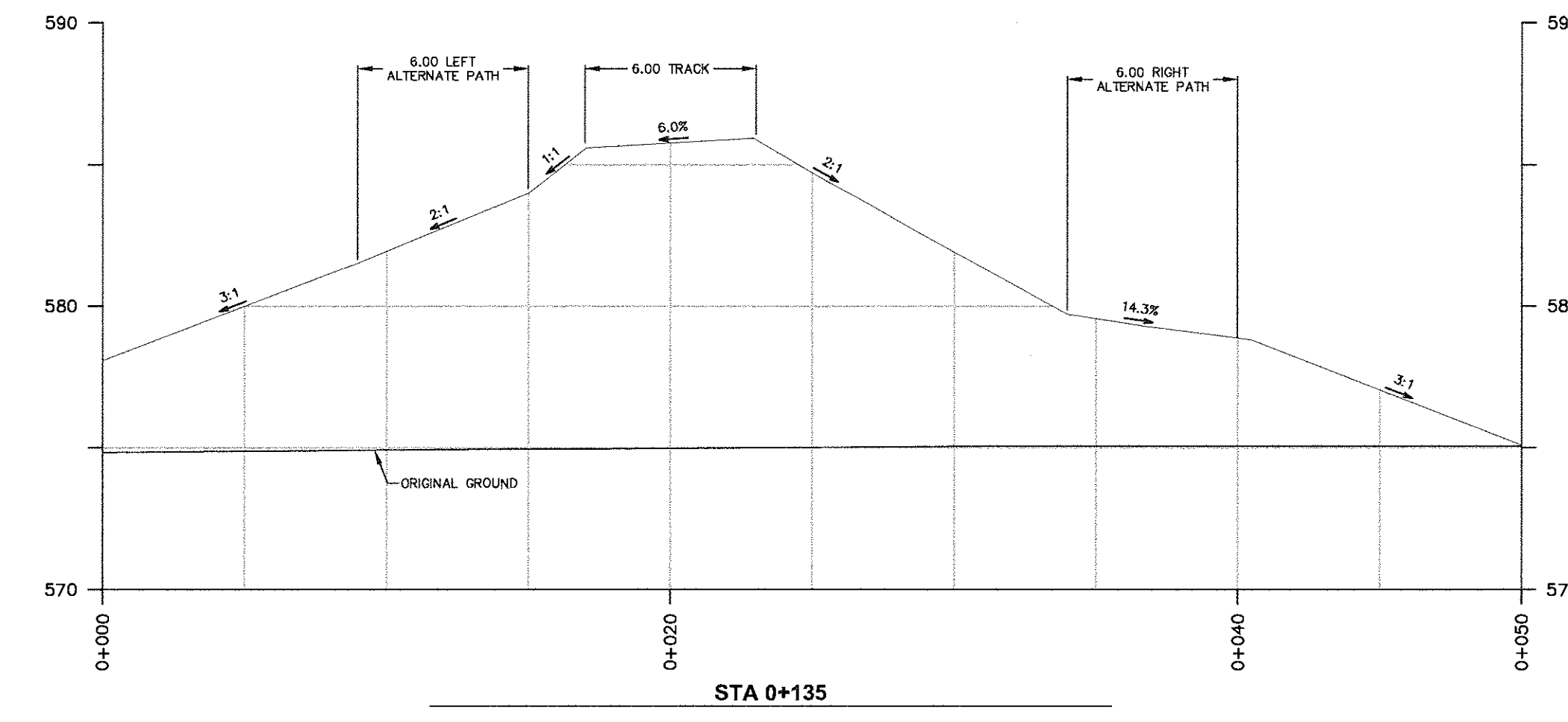
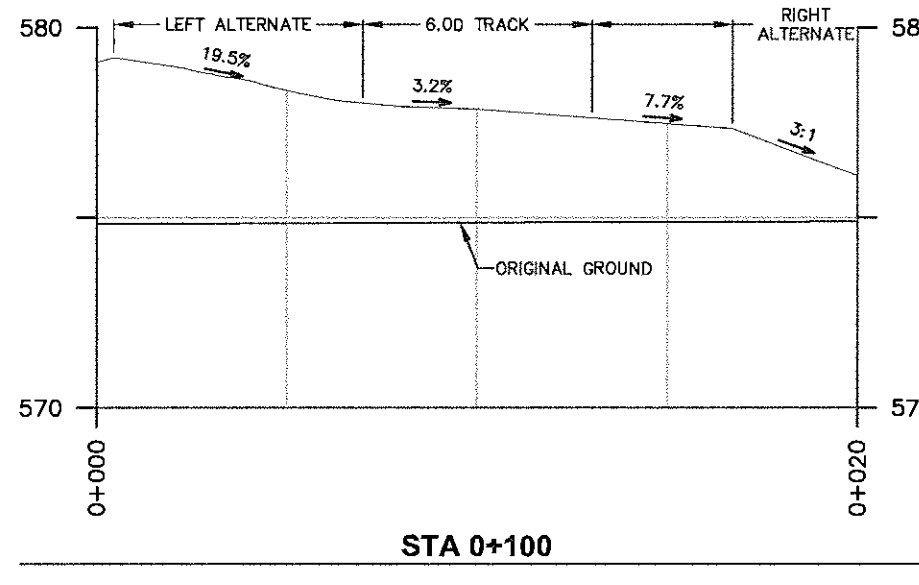
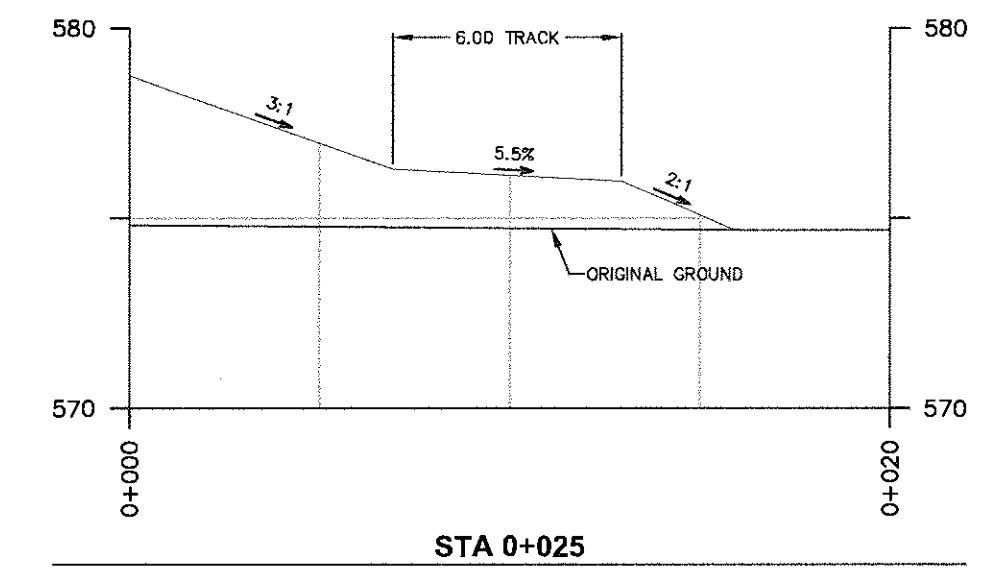
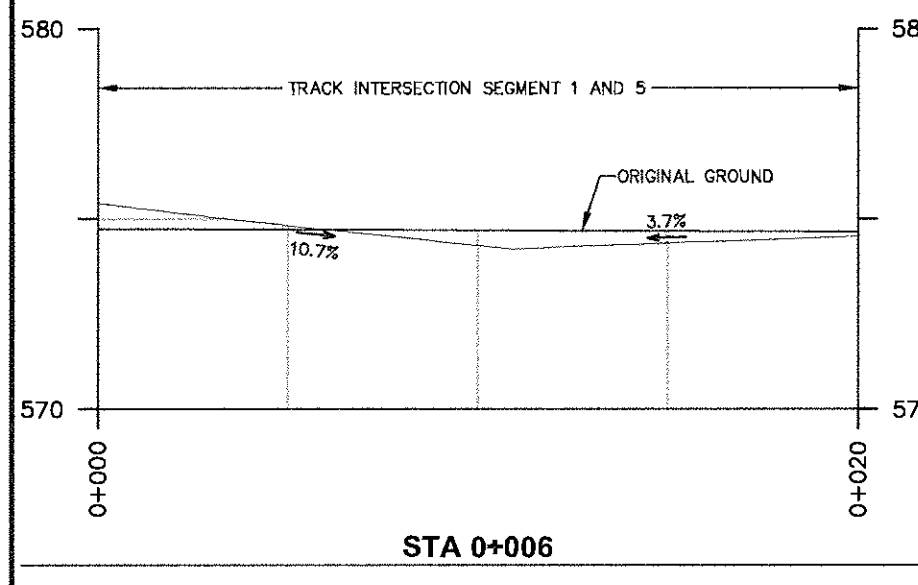
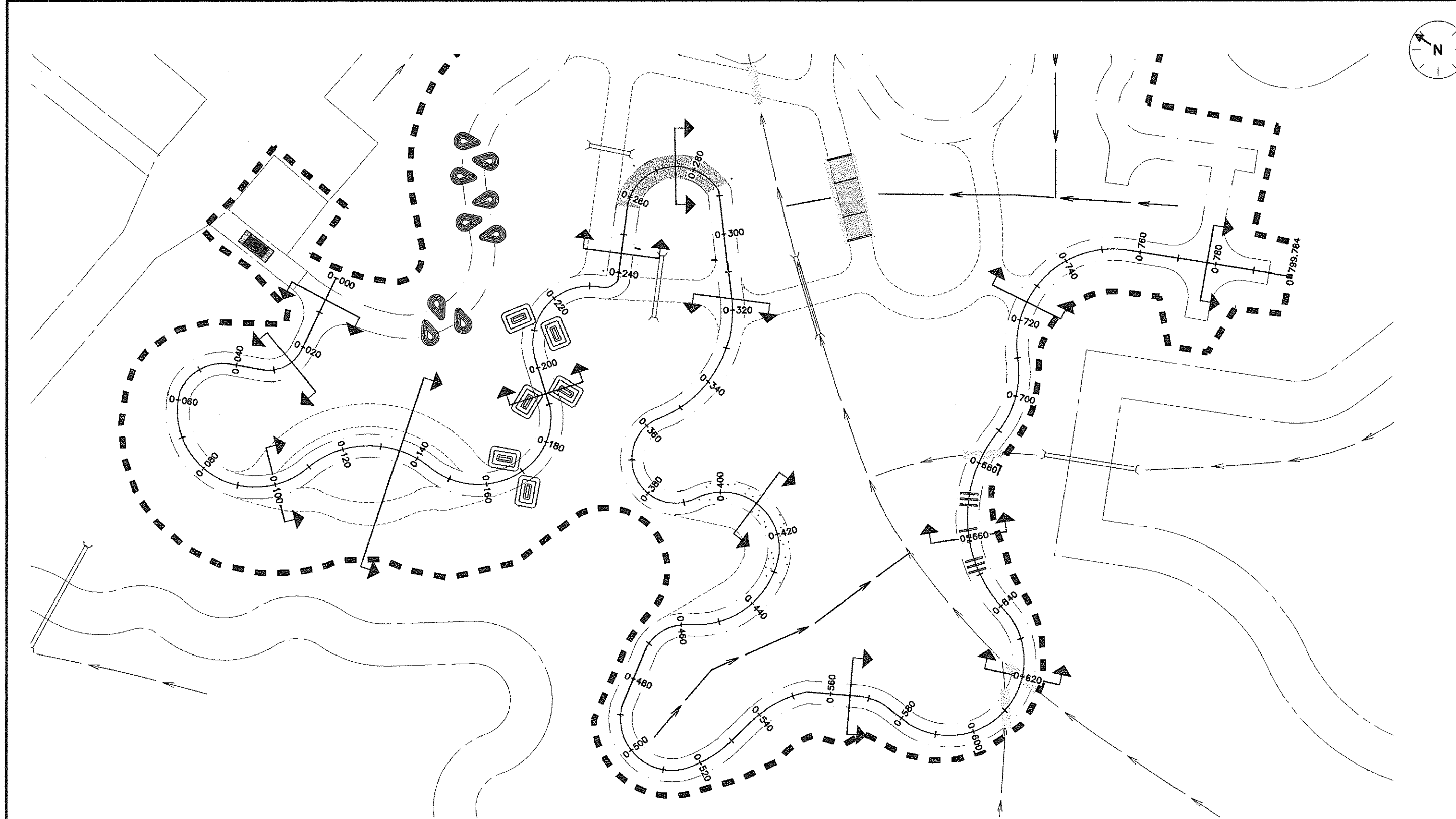
PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client

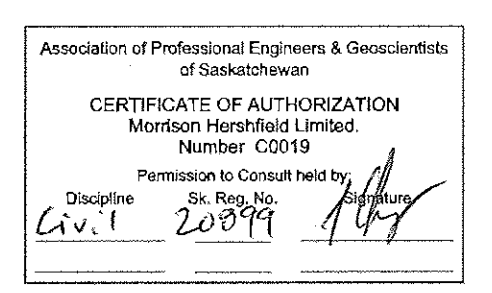
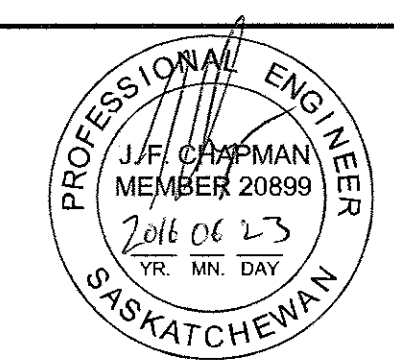
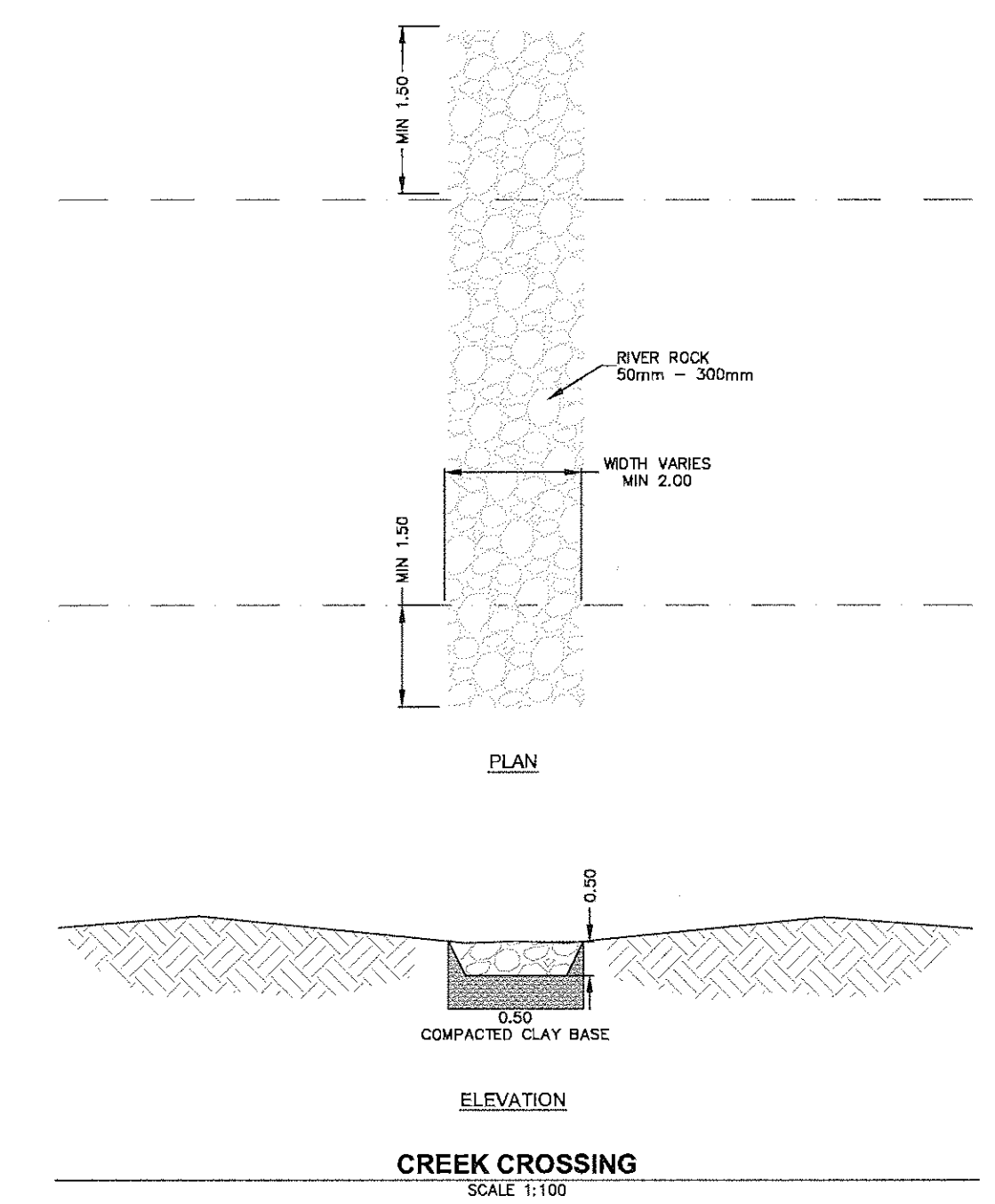
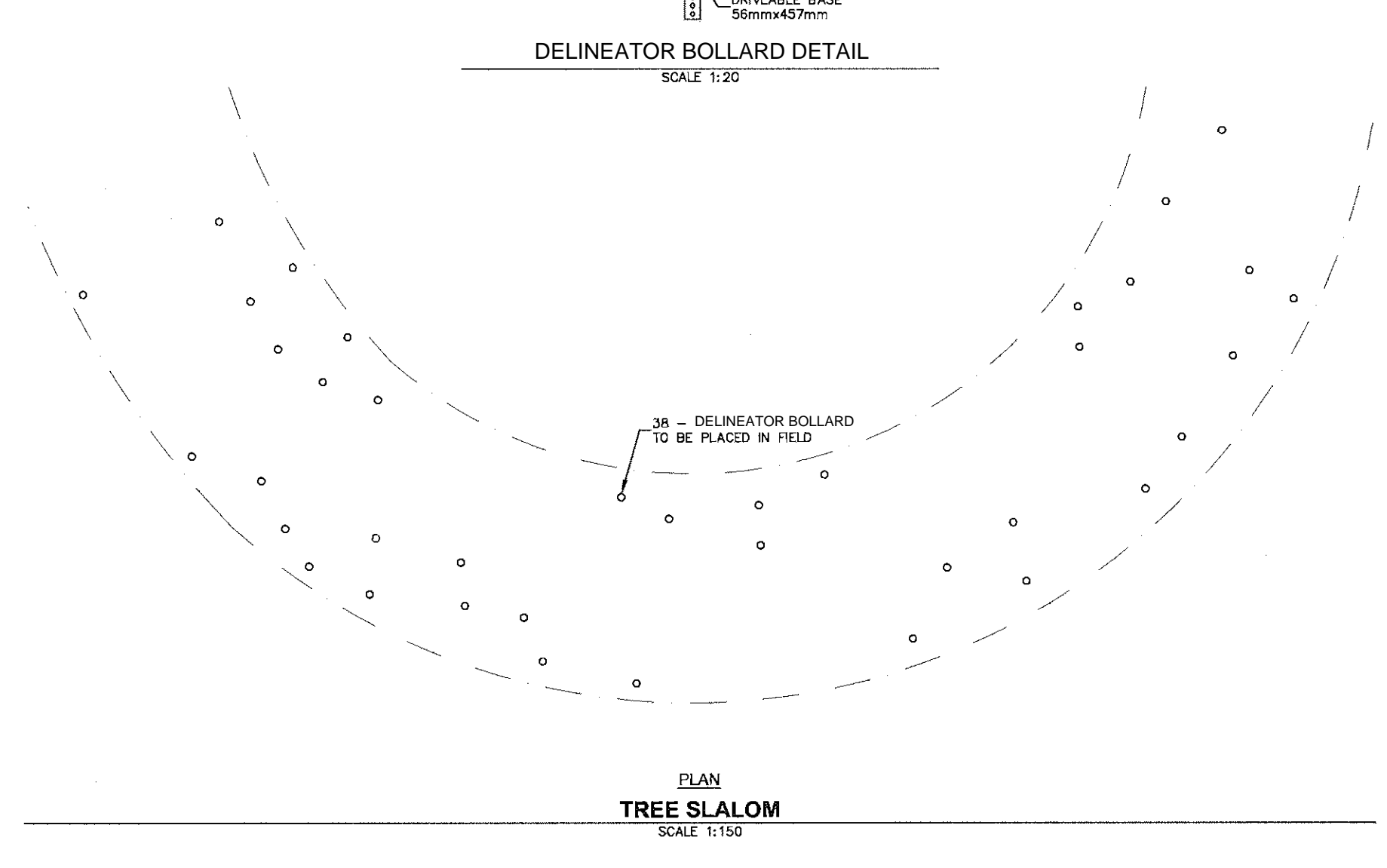
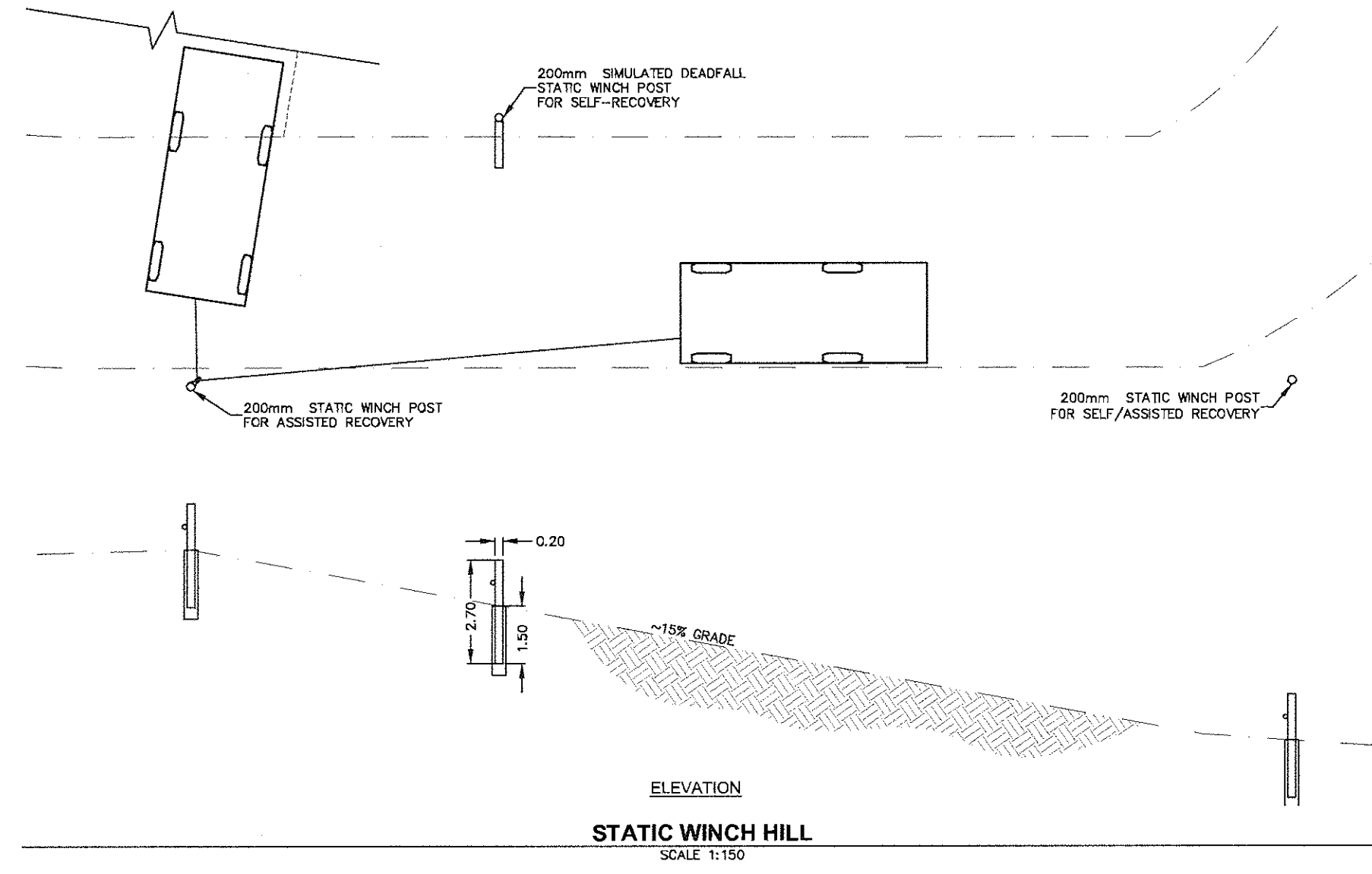
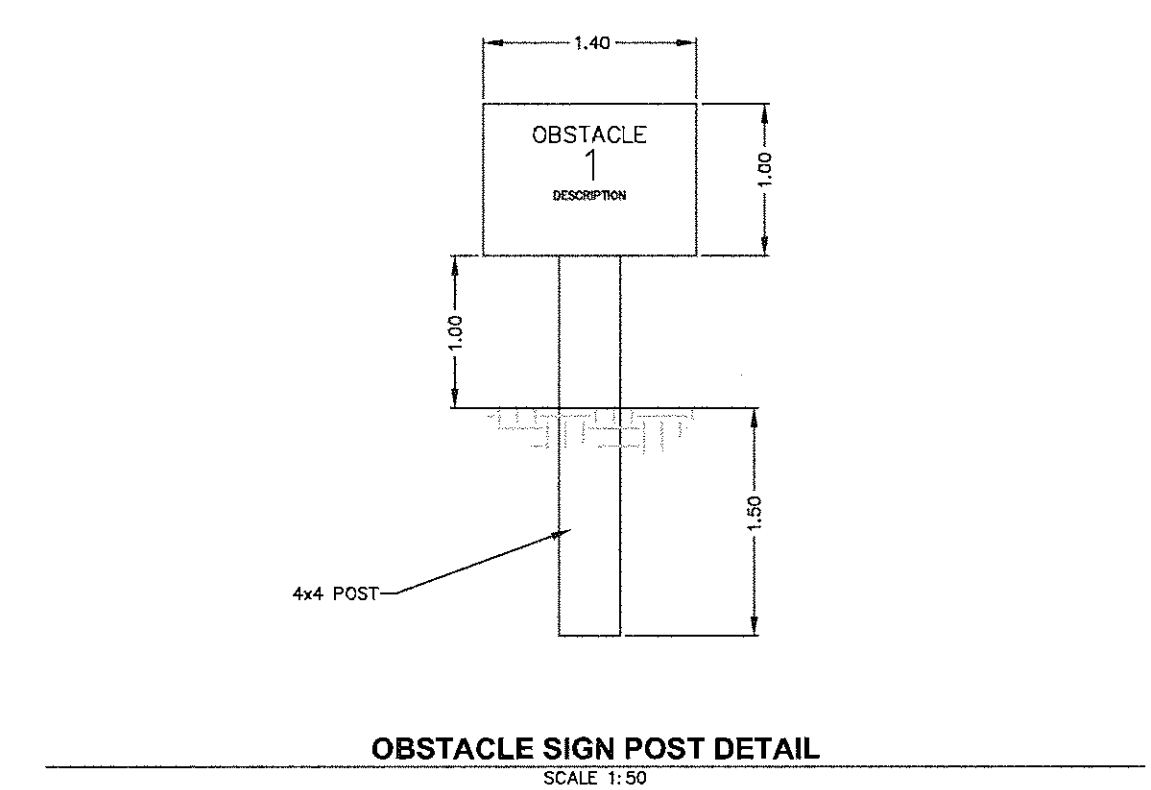
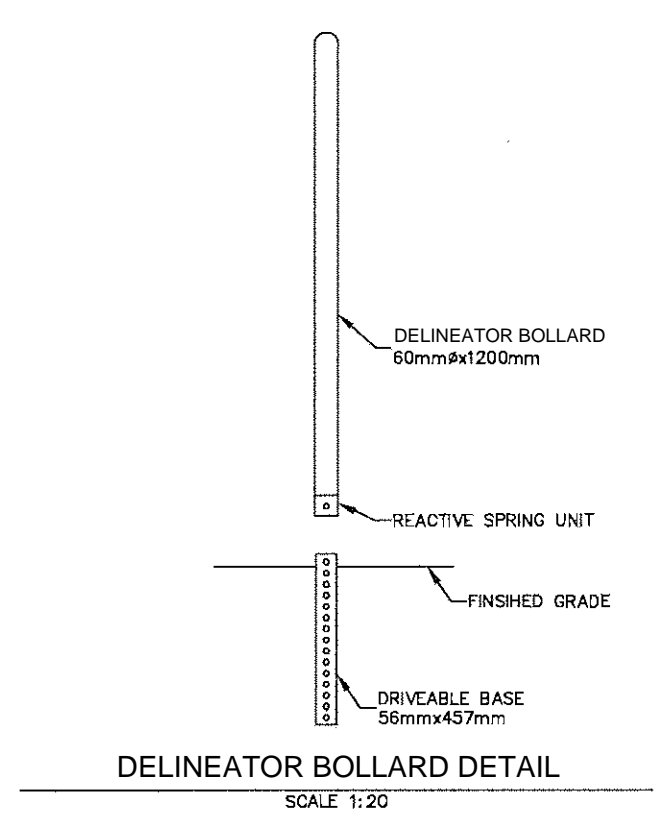
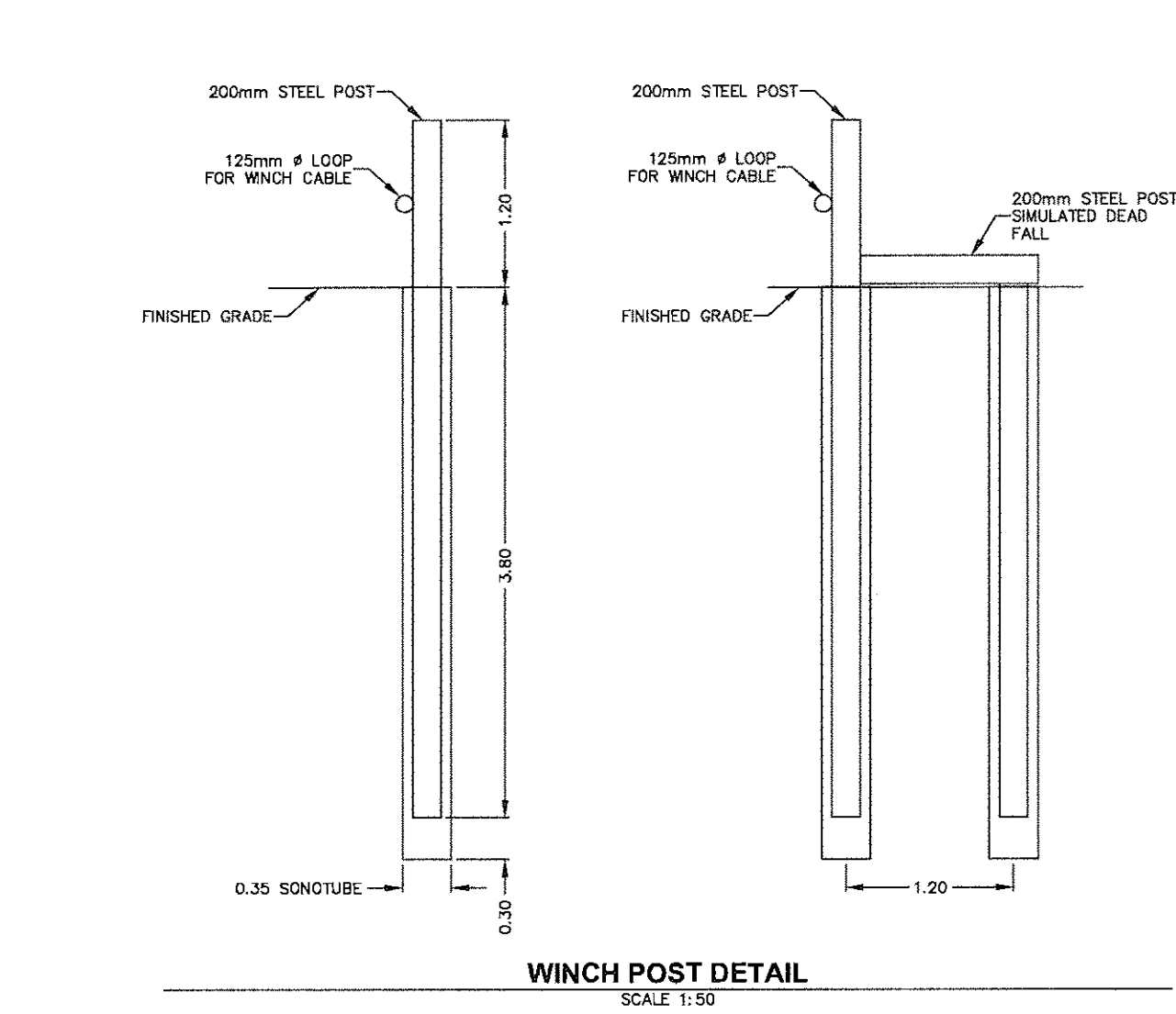
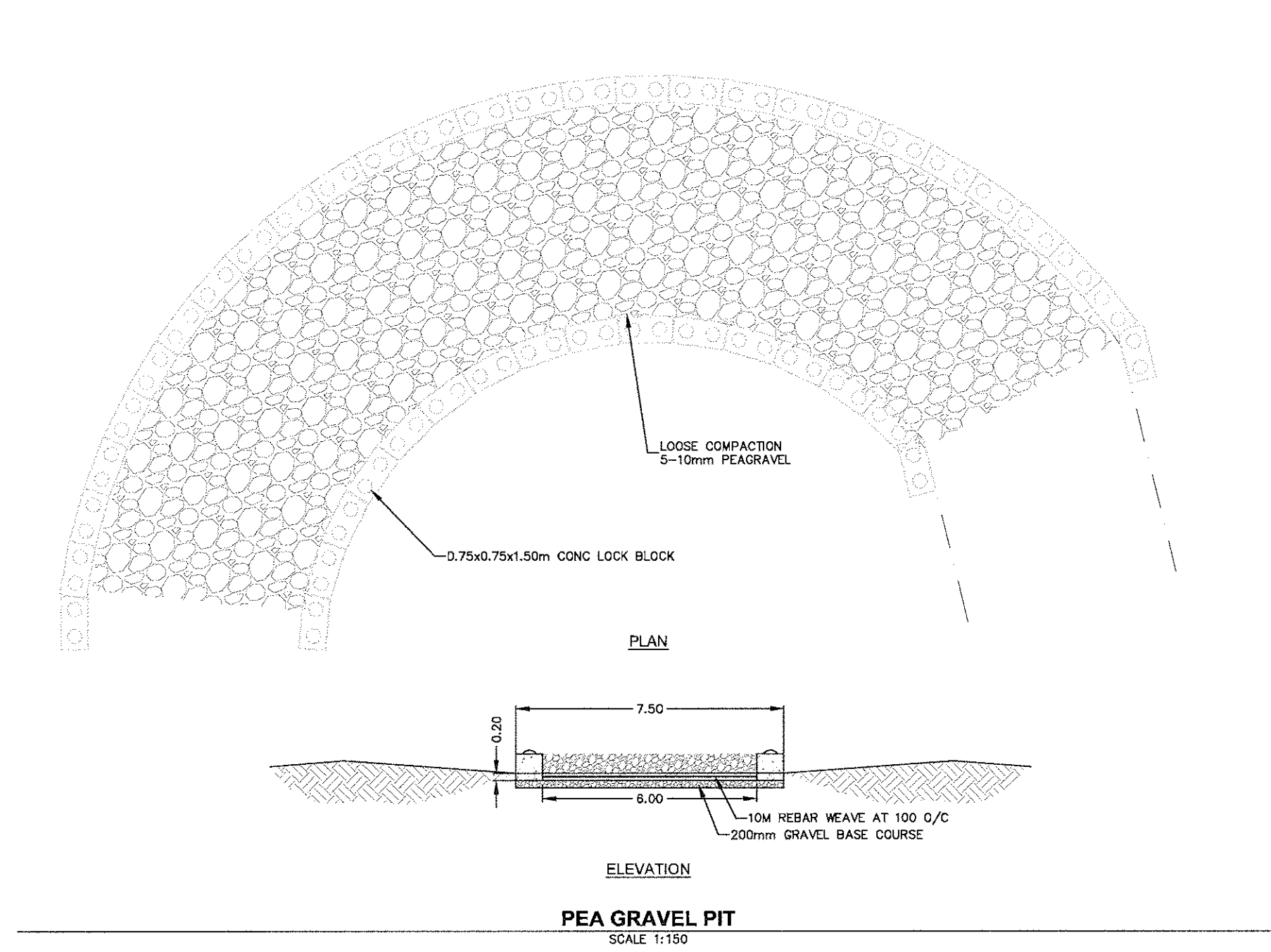
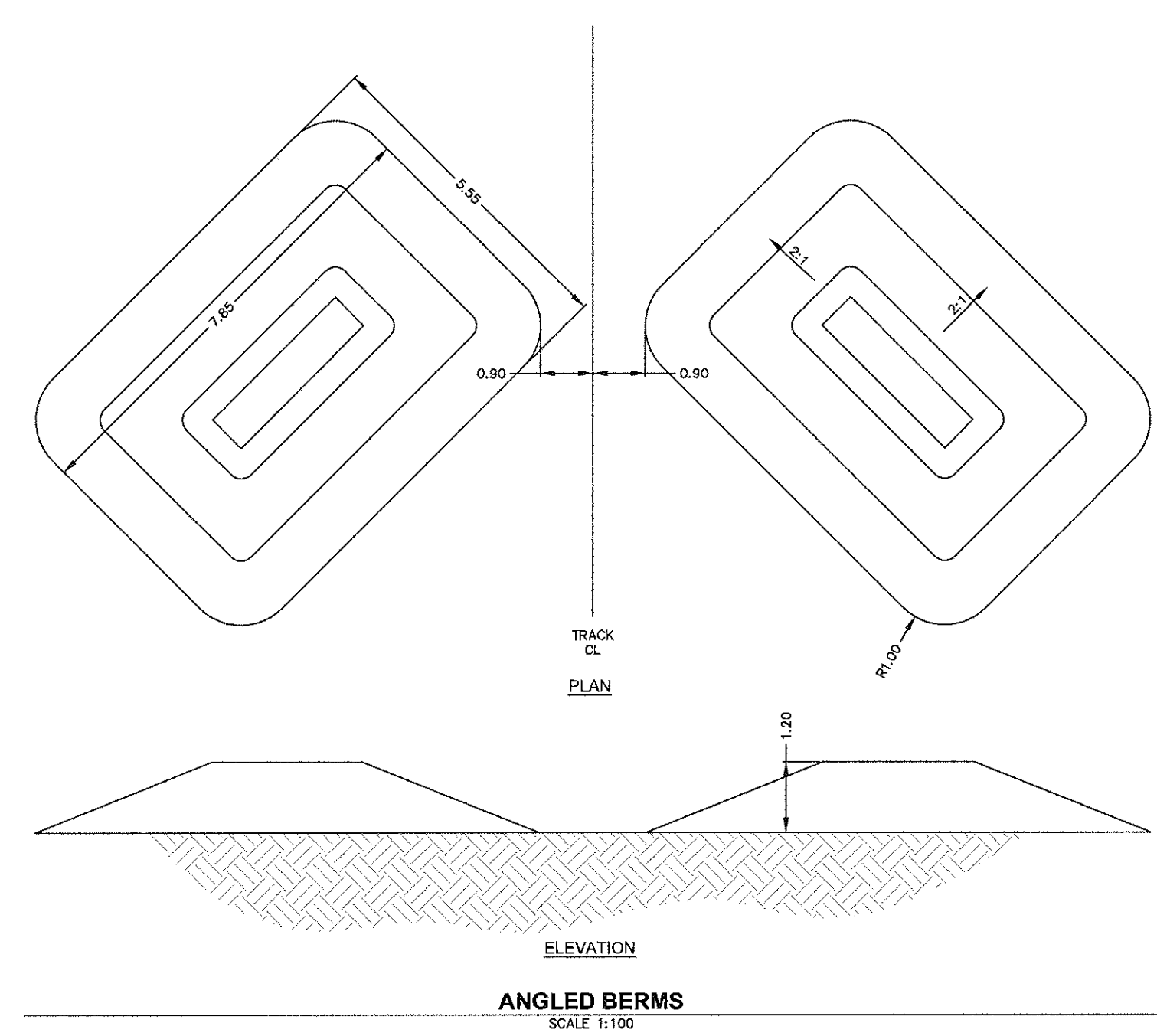
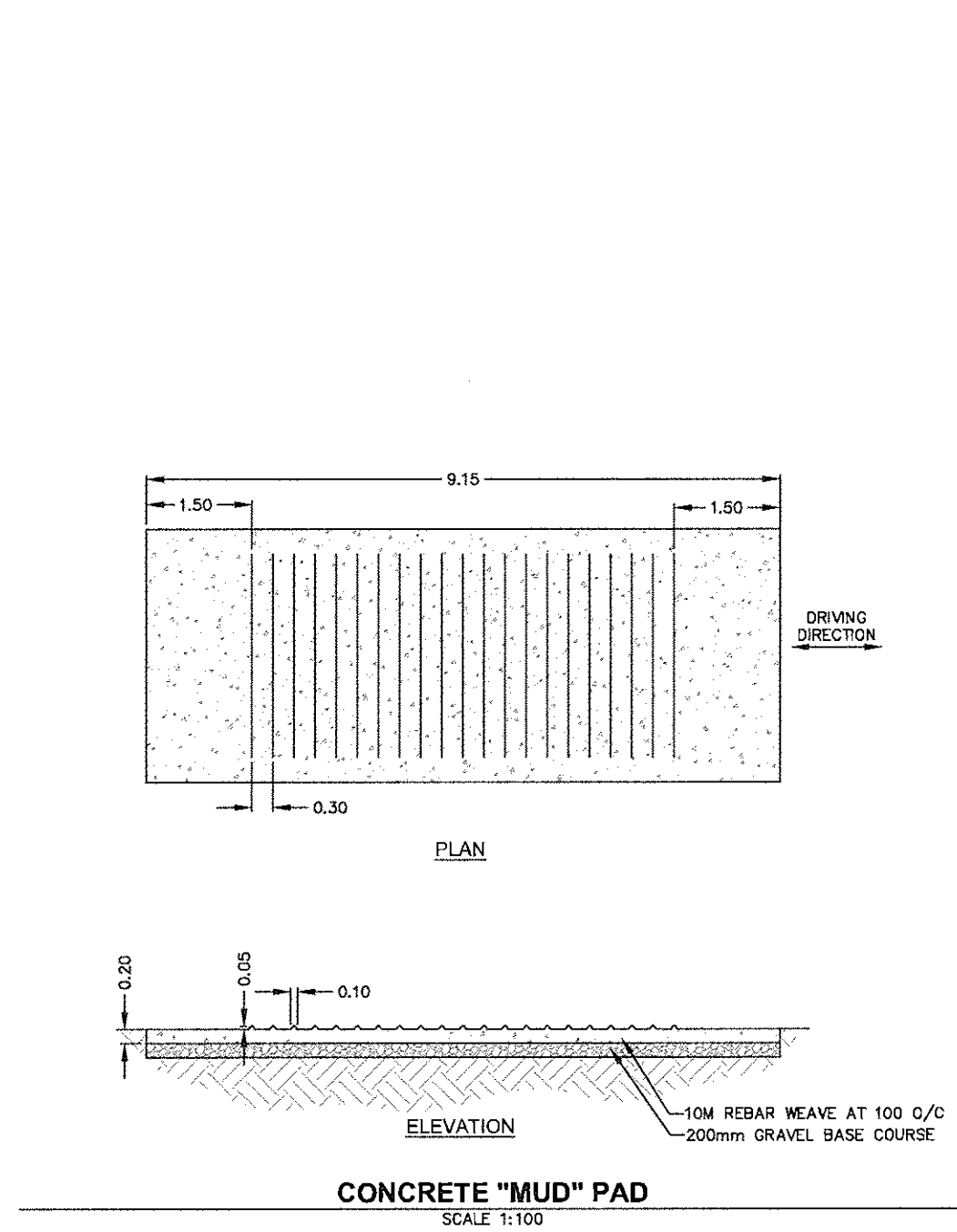
Drawing title/Titre du dessin

**CROSS-SECTION  
SEGMENT 5**

Project No./No. du projet <b>3104102</b>	Sheet/ Feuille <b>CS-03</b> 18 OF 28	Revision no./ Le Révision no. <b>2.0</b>
--	--	---







1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-06
2	ISSUED FOR TENDER	2016-09-22

Client/client

**PWGSC**

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

**NEW DRIVER TRAINING TRACK  
DETAILS**

Approved by/Approuvé par  
JFC

Designed by/Concept par  
TST

Drawn by/Dessiné par  
TST

PWGSC Project Manager/Administrateur de Projets TPSGC  
LIONEL OATWAY

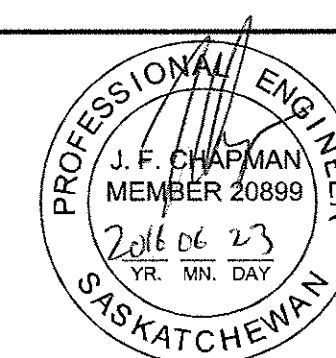
PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client

**DETAILS  
COURSE ELEMENTS**

Project No./No. du projet	Sheet/Fauille	Revision no./ Loi Révision no.
3104102	DET-01 19 OF 28	2.0





---	---	---
---	---	---
---	---	---
---	---	---
2	ISSUED FOR TENDER	2014-06-02
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-06

Revision/ Révision	Description/Description	Date/Date
-----------------------	-------------------------	-----------

Client/client

PWGSC

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet

## NEW DRIVER TRAINING TRACK DETAILS

Approved by/Approuvé par

JFC

Designed by/Concept par

TST

Drawn by/Dessiné par

TST

PWGSC Project Manager/Administrateur de Projets TPSCG

LIONEL OATWAY

PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client

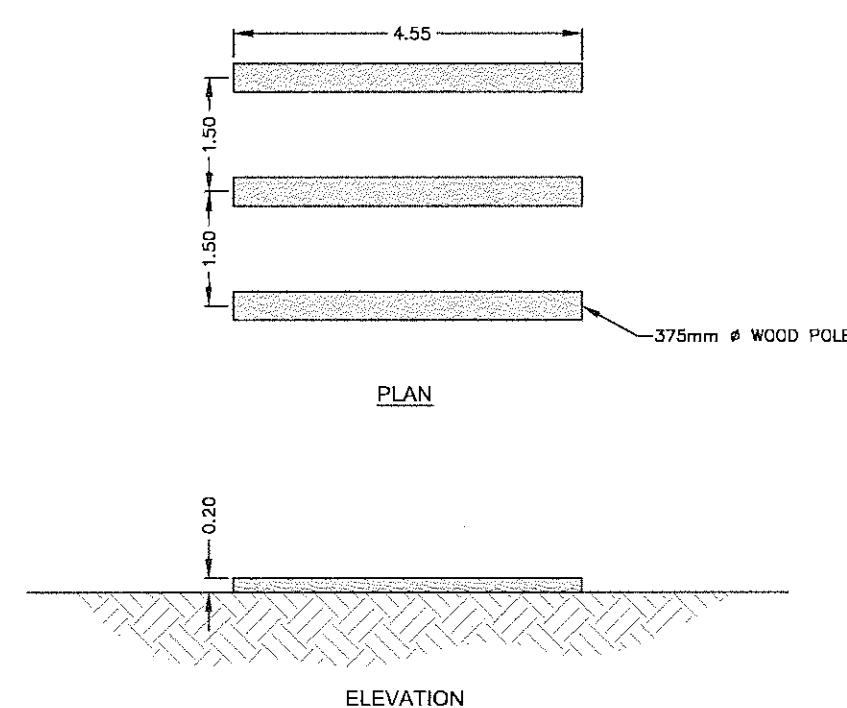
Drawing title/Titre du dessin

## DETAILS COURSE ELEMENTS

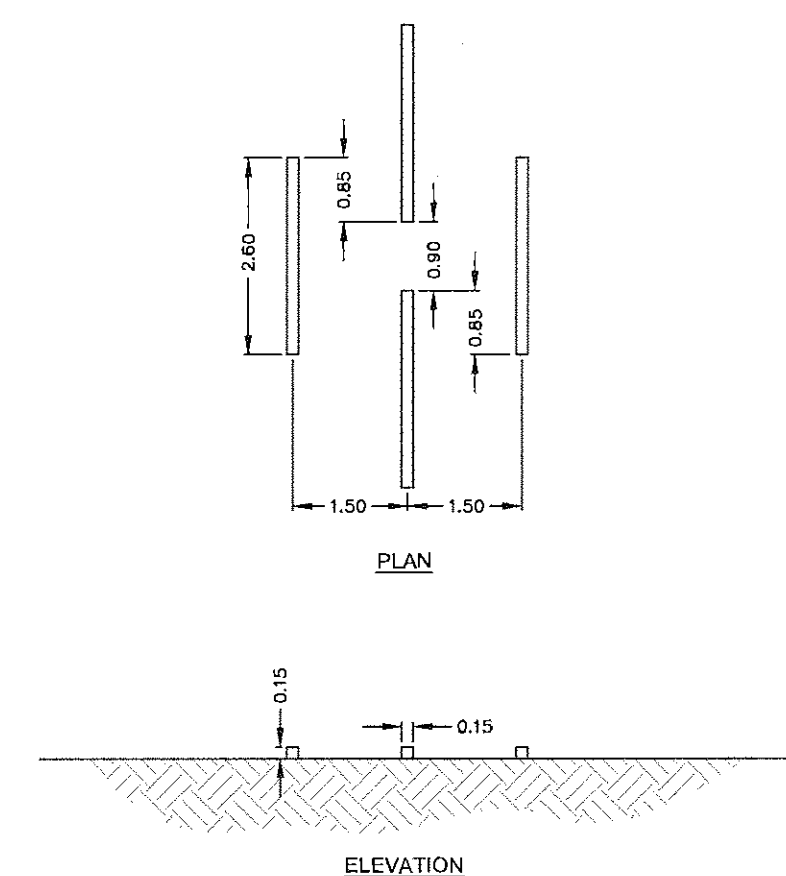
Project No./No. du  
projet  
3104102

Sheet/Feuille  
DET-02  
20 OF 28

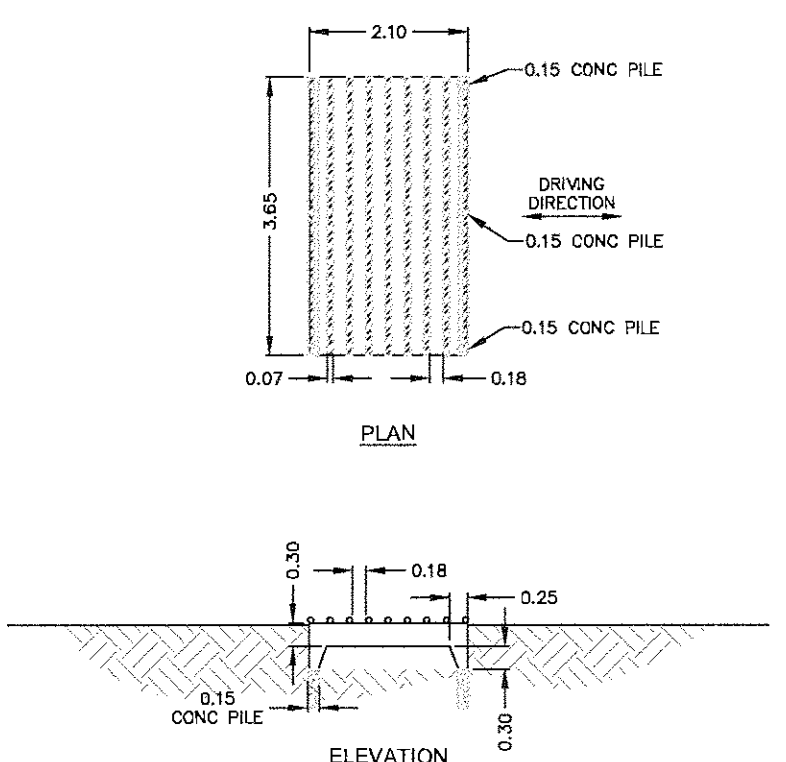
Revision no./  
La Révision  
no.  
2.0



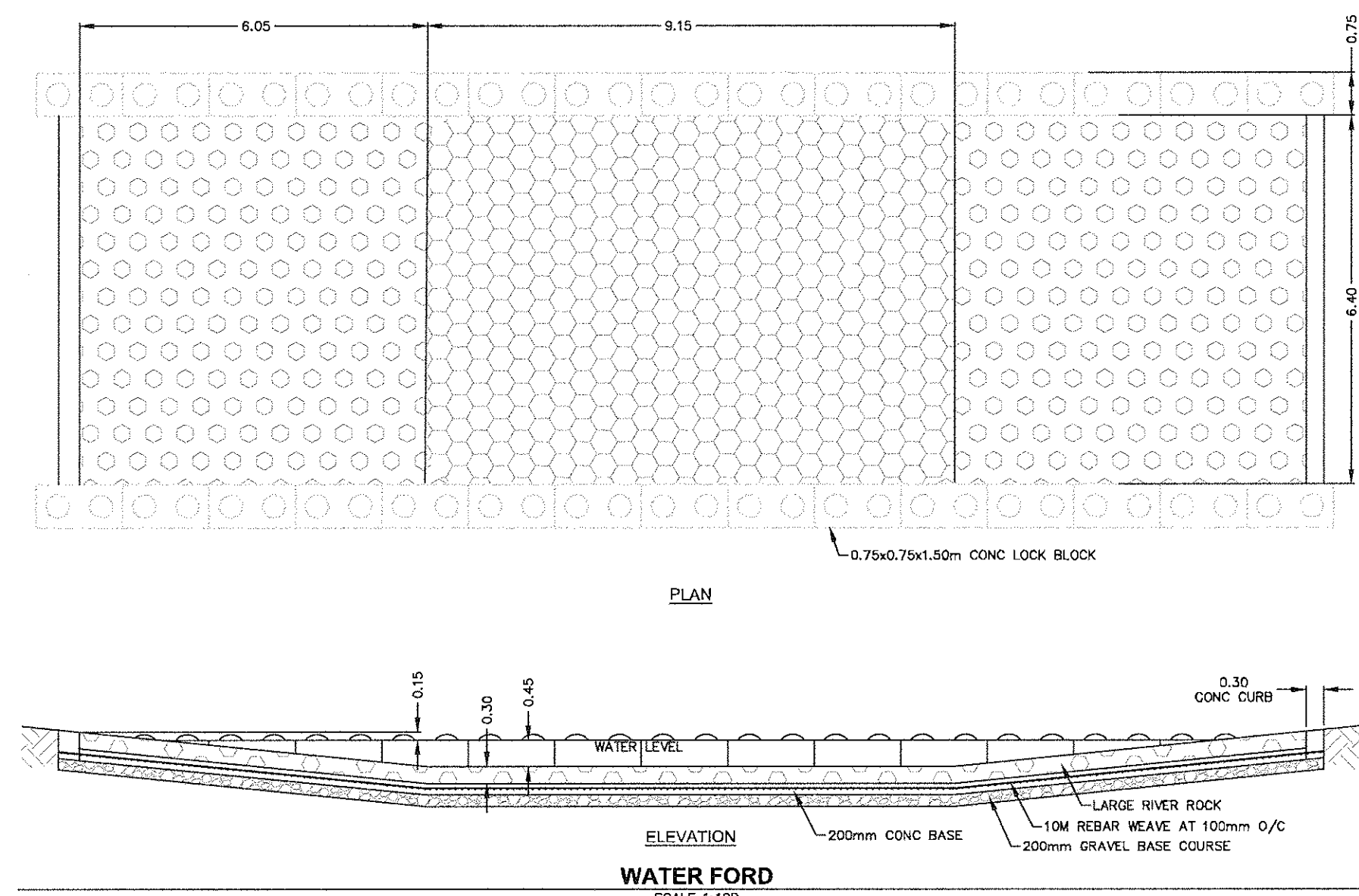
PARALLEL TELEPHONE POLES  
SCALE 1:100



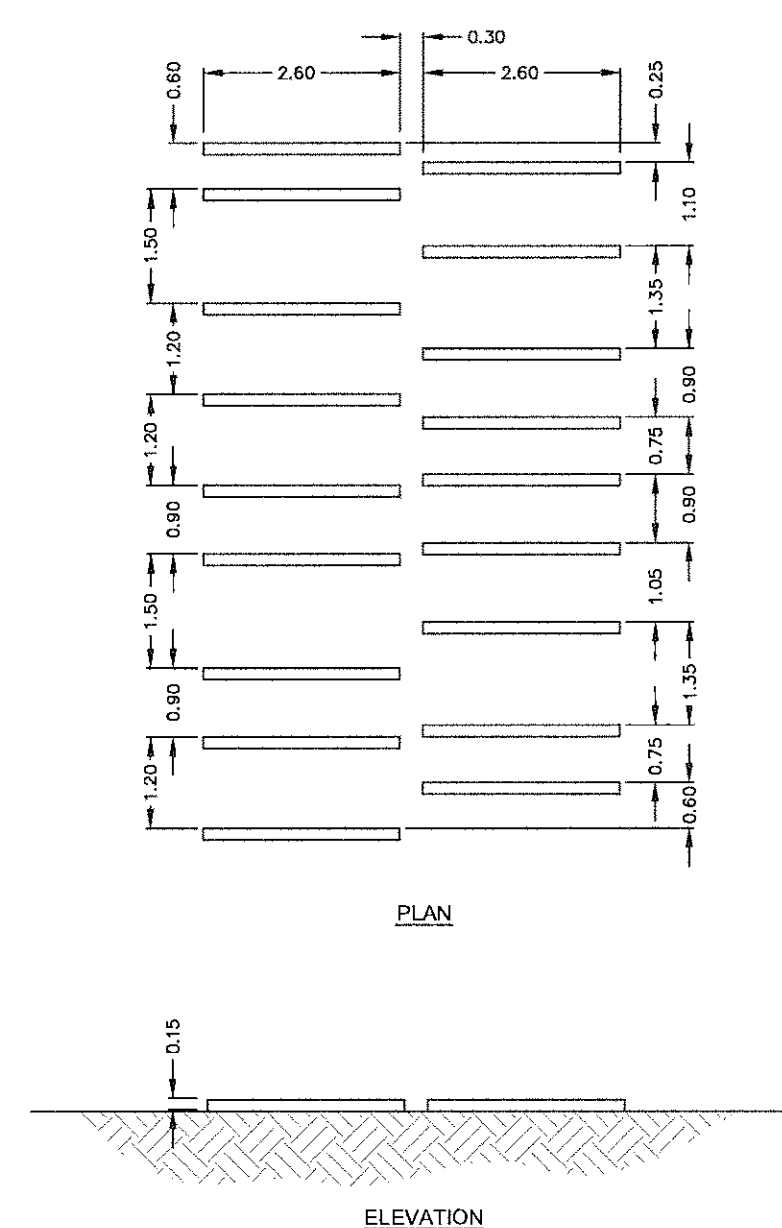
PARALLEL OFFSET RAILROAD TIES  
SCALE 1:100



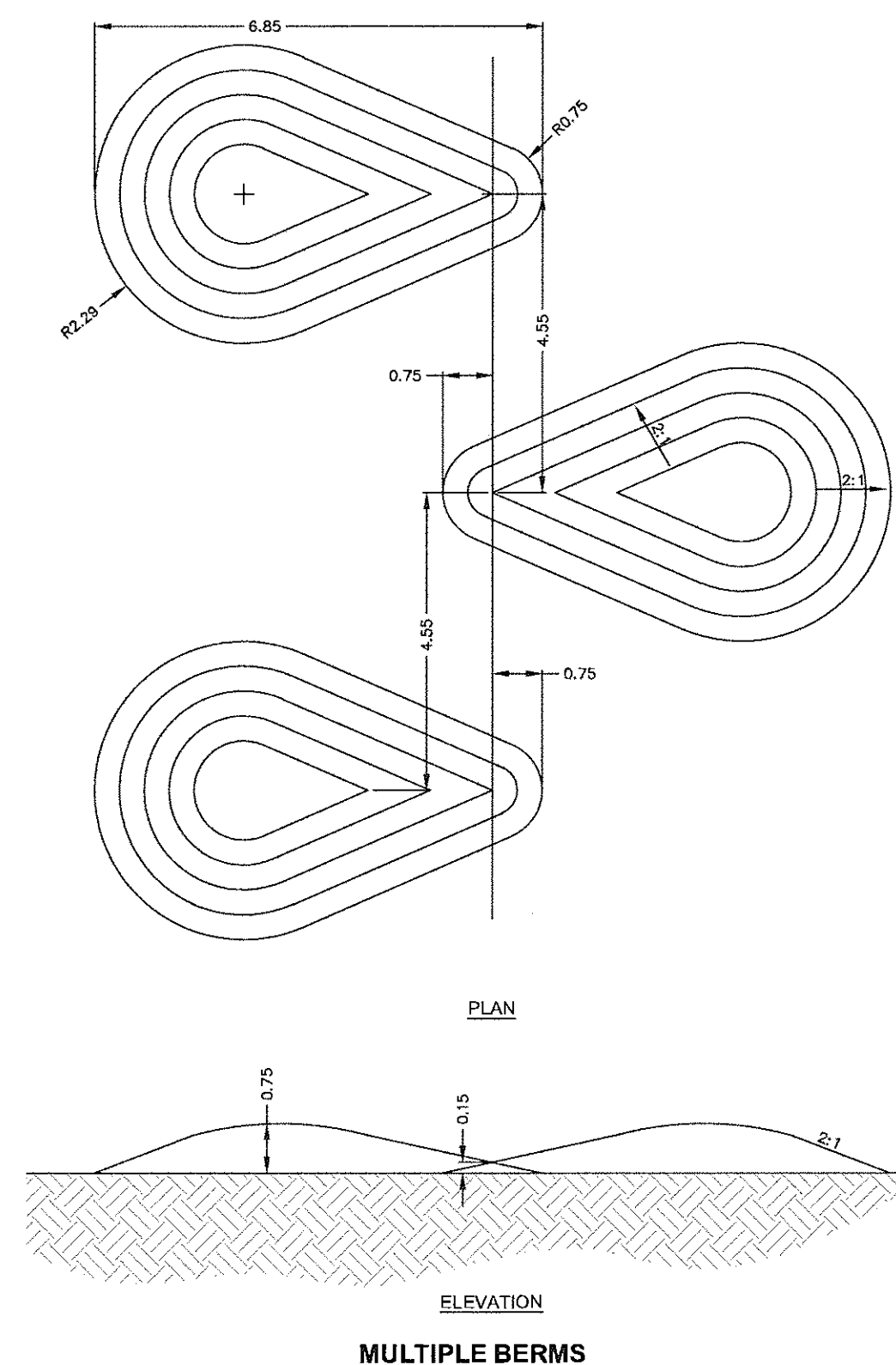
TEXAS GATE  
SCALE 1:100



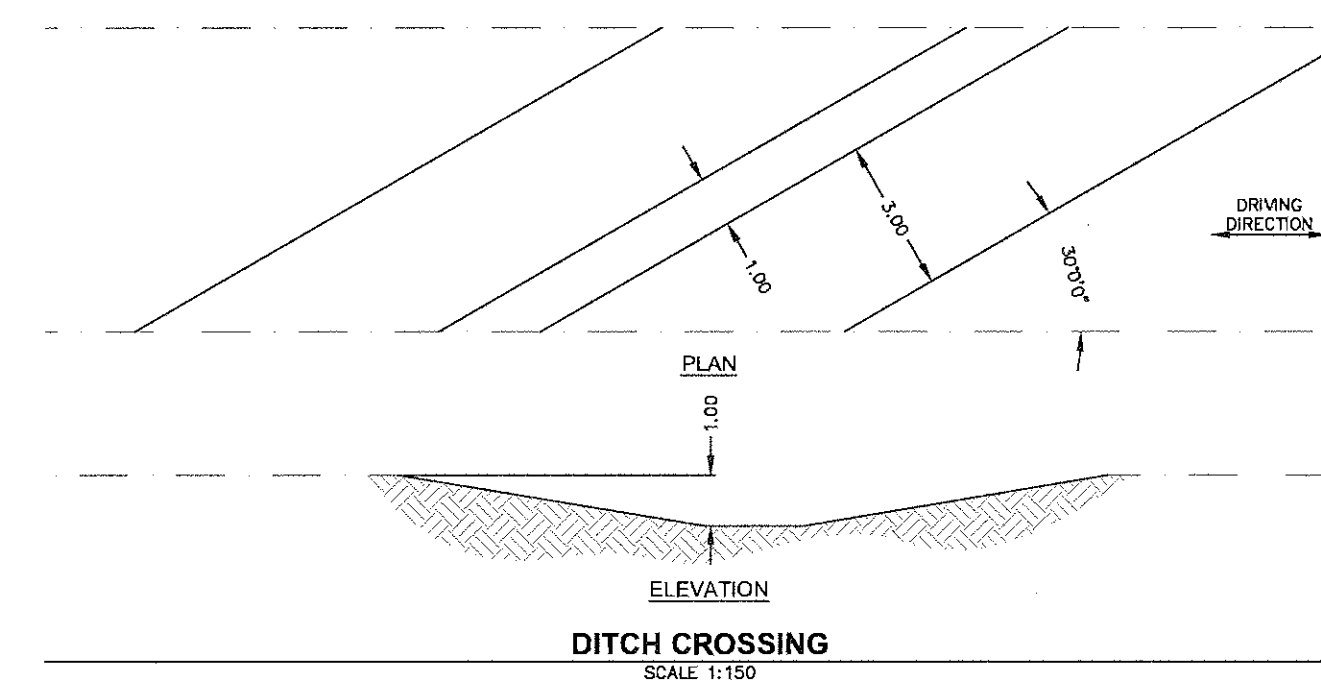
WATER FORD  
SCALE 1:100



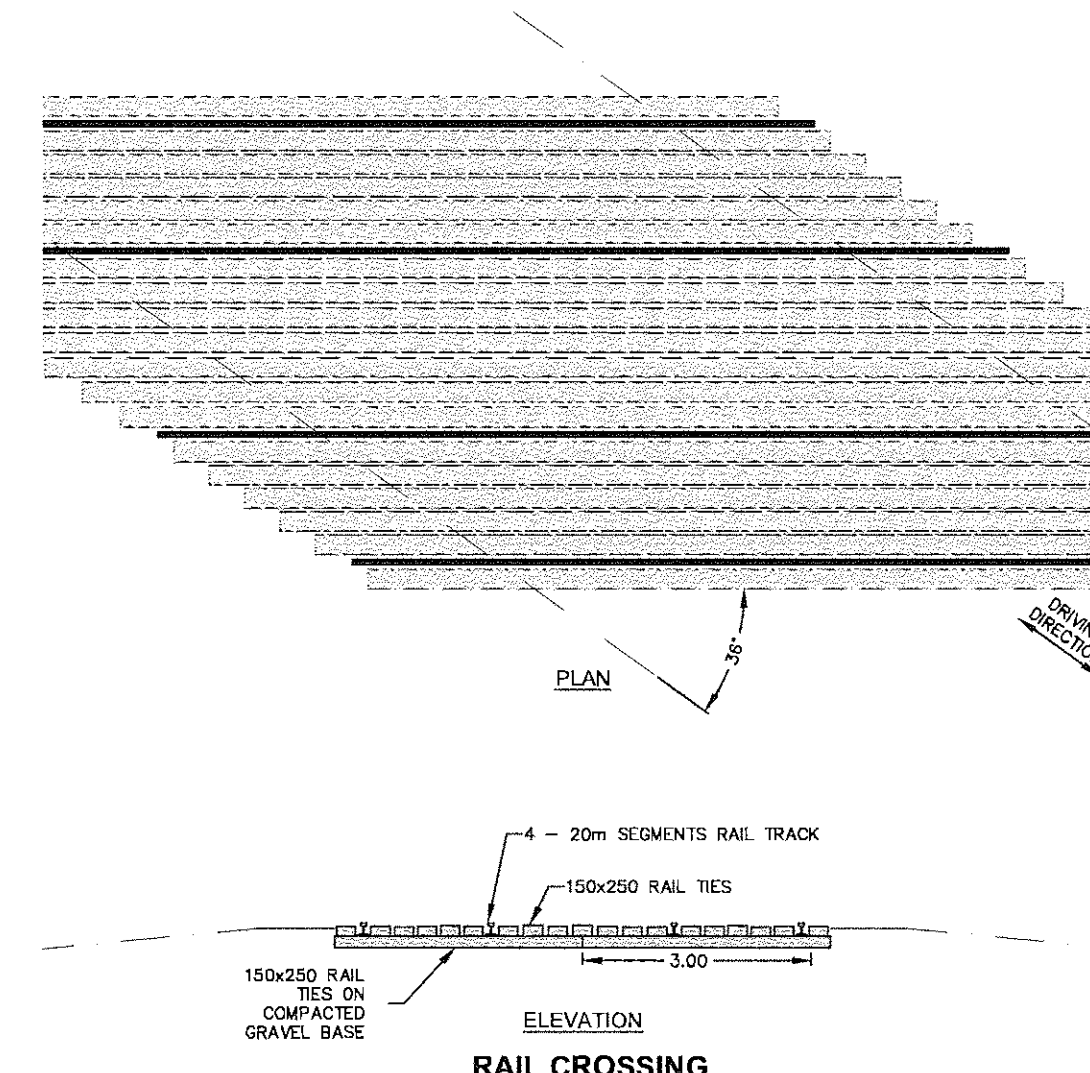
STAGGERED RAILROAD TIES  
SCALE 1:100



MULTIPLE BERMS  
SCALE 1:100



DITCH CROSSING  
SCALE 1:150



RAIL CROSSING  
SCALE 1:100



Public Works and  
Government Services  
Canada

Travaux publics et  
Services gouvernementaux  
Canada

REAL PROPERTY SERVICES

Western Region

SERVICES IMMOBILIERS

Région de l'ouest

PROFESSIONAL ENGINEER

J. F. CHAPMAN

MEMBER 20899

2016 06 23

YR. MN. DAY

SASKATCHEWAN

Association of Professional Engineers & Geoscientists  
of Saskatchewan

CERTIFICATE OF AUTHORIZATION

Morrison Hershfield Limited

Number: C0019

Permitted to Consult held by:

Discipline: Civil

St. Reg. No.: 20899

Signature: [Signature]

---	---	---
---	---	---
---	---	---
---	---	---
2	ISSUED FOR TENDER	2016-06-23
1	ISSUED FOR CLASS-B COST ESTIMATE	2014-03-06
Revision/ Révision	Description/Description	Date/Date
Client/client		
PWGSC		
1800 11th Avenue, Suite 201 Regina, SK, S4P 0H8		
Project title/Titre du projet		
NEW DRIVER TRAINING TRACK DETAILS		
Approved by/Approuvé par JFC		
Designed by/Concept par TST		
Drawn by/Dessiné par TST		
PWGSC Project Manager/Administrateur de Projets TPSGC LIONEL OATWAY		
PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSGC		
Client/client		
Drawing title/Titre du dessin		
DETAILS COURSE ELEMENTS		
Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
3104102	DET-03	2.0
	21 OF 28	

0

2

4

8

12

16

20m

ALGN-01 4X4 TRACK ALIGNMENT

ROLLER COASTER/MOGUL FIELD

SCALE 1:100

Contours shown at 0.1m intervals.

Key elevation points and segment labels:

- SEGMENT 1 CL PVI: 0+640.000 574.140
- SEGMENT 1 CL PVI: 0+644.168 575.350
- SEGMENT 1 CL PVI: 0+648.175 574.644
- SEGMENT 1 CL PVI: 0+654.320 575.000
- SEGMENT 1 CL PVI: 0+657.744 574.570
- SEGMENT 1 CL PVI: 0+661.000 575.000
- SEGMENT 1 CL PVI: 0+665.037 574.499
- SEGMENT 1 CL PVI: 0+673.027 575.128
- SEGMENT 1 CL PVI: 0+677.147 574.351
- SEGMENT 1 CL PVI: 0+679.594 574.425
- SEGMENT 1 CL PVI: 0+681.156 574.480
- SEGMENT 1 CL PVI: 0+683.076 574.890
- SEGMENT 1 CL PVI: 0+685.109 574.409
- SEGMENT 1 CL PVI: 0+687.560 575.000
- SEGMENT 1 CL PVI: 0+690.229 574.457
- SEGMENT 1 CL PVI: 0+693.400 574.791

PWGSC - A1 - 841X594

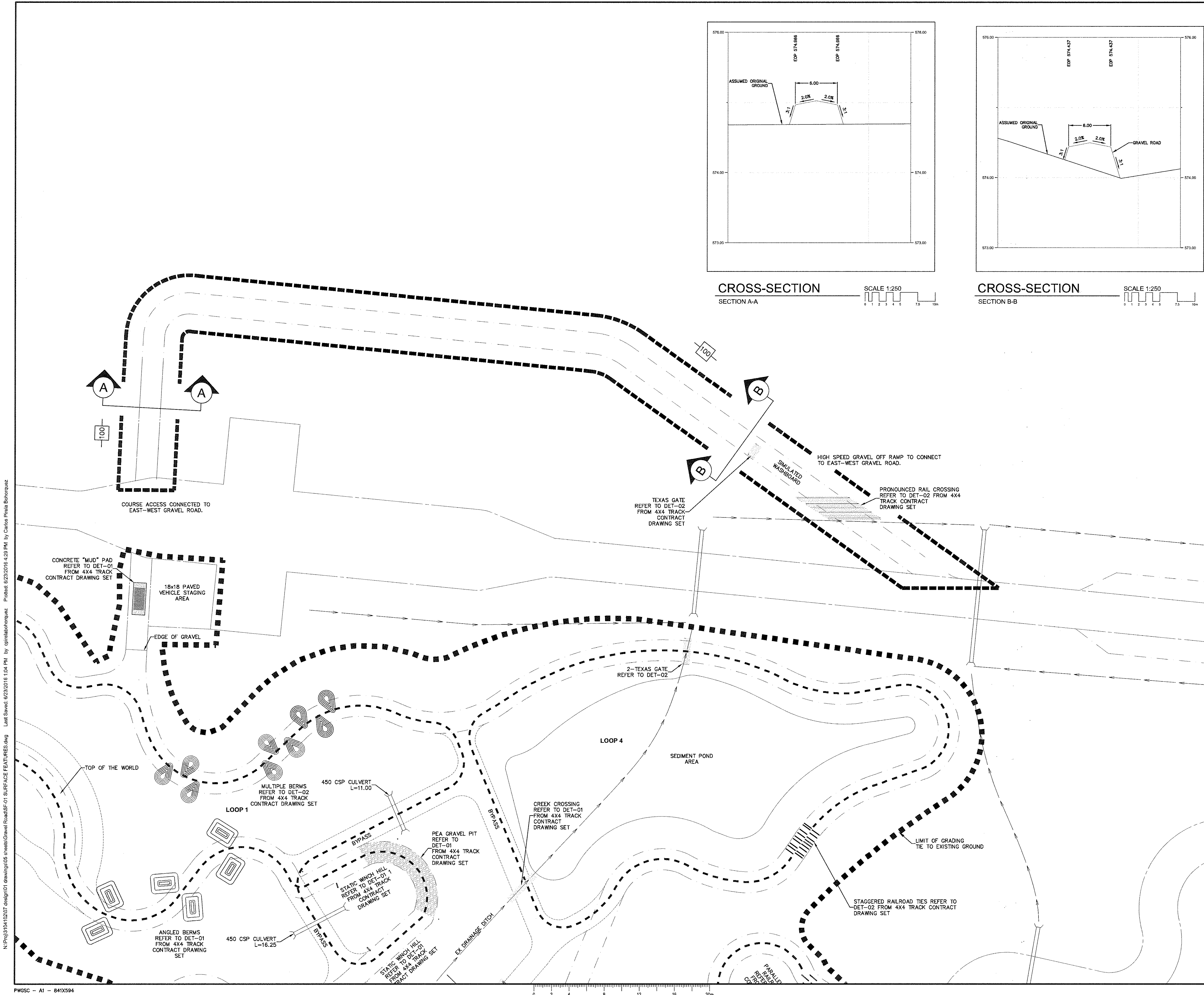
ALGN-01 4X4 TRACK ALIGNMENT







N:\Proj\310410207\design\01 drawings\05 sheets\Gravel Road\SF-01 SURFACE FEATURES.dwg Last Saved: 6/23/2016 1:04 PM by cgrillaloborquez Plot Date: 6/23/2016 4:28 PM by Carlos Prieta Bohorquez



Public Works and Government Services Canada  
Travaux publics et Services gouvernementaux Canada

**REAL PROPERTY SERVICES**  
Western Region  
**SERVICES IMMOBILIERS**  
Région de l'ouest

**LEGEND**

302 BLOCK PROFILE SHEET NUMBER

CONSTRUCTION BOUNDARY

LIP OF GUTTER

EDGE OF PAVEMENT (NO CURB)

COLLECTOR STANDARD PAVEMENT

CONCRETE SWALE

GRASSED SWALE / DITCH

SWALE / DITCH HIGH POINT

CONCRETE SPLASH PAD

STORM OUTFALL WITH RIP RAP

CULVERT

**PROFESSIONAL ENGINEER**  
J. F. CHAPMAN  
MEMBER 20899  
2016 06 23  
SK REG. NO. DAY

Association of Professional Engineers & Geoscientists of Saskatchewan  
CERTIFICATE OF AUTHORIZATION  
Morrison Henderson Limited.  
Number C0019  
Permission to Consult held by:  
Discipline: Civil, Reg. No. 20899, Signature: [Signature]

Revision/Revision	Description/Description	Date/Date
1	ISSUED FOR TENDER	2016-06-22

Client/client

**PWGSC**

1800 11th Avenue, Suite 201  
Regina, SK, S4P 0H8

Project title/Titre du projet

**NEW DRIVER TRAINING TRACK GRAVEL ROAD**

Approved by/Approuvé par

Designed by/Concept par  
JFC

Drawn by/Dessiné par  
CPB

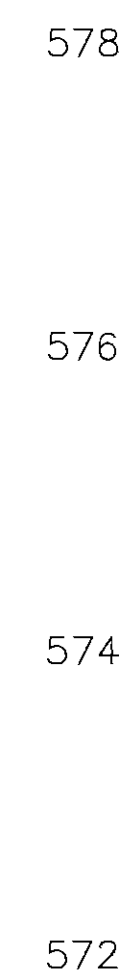
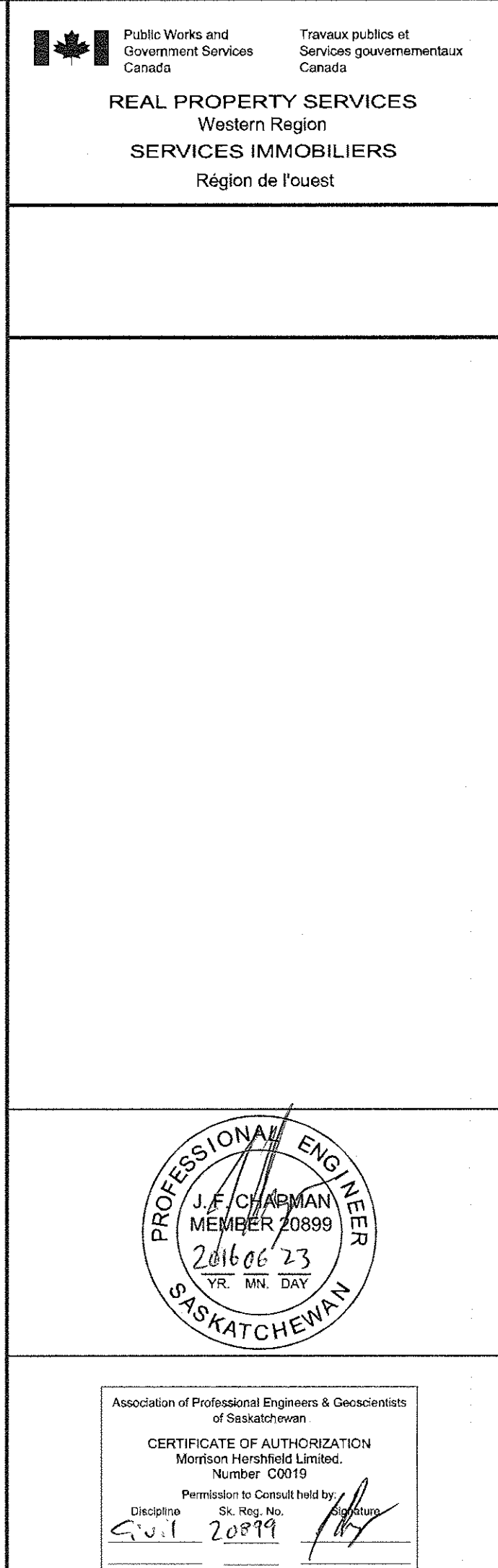
PWGSC Project Manager/Administrateur de Projets TPSSGC  
LIONEL OATWAY

PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'Ingénierie, TPSSGC

Client/client

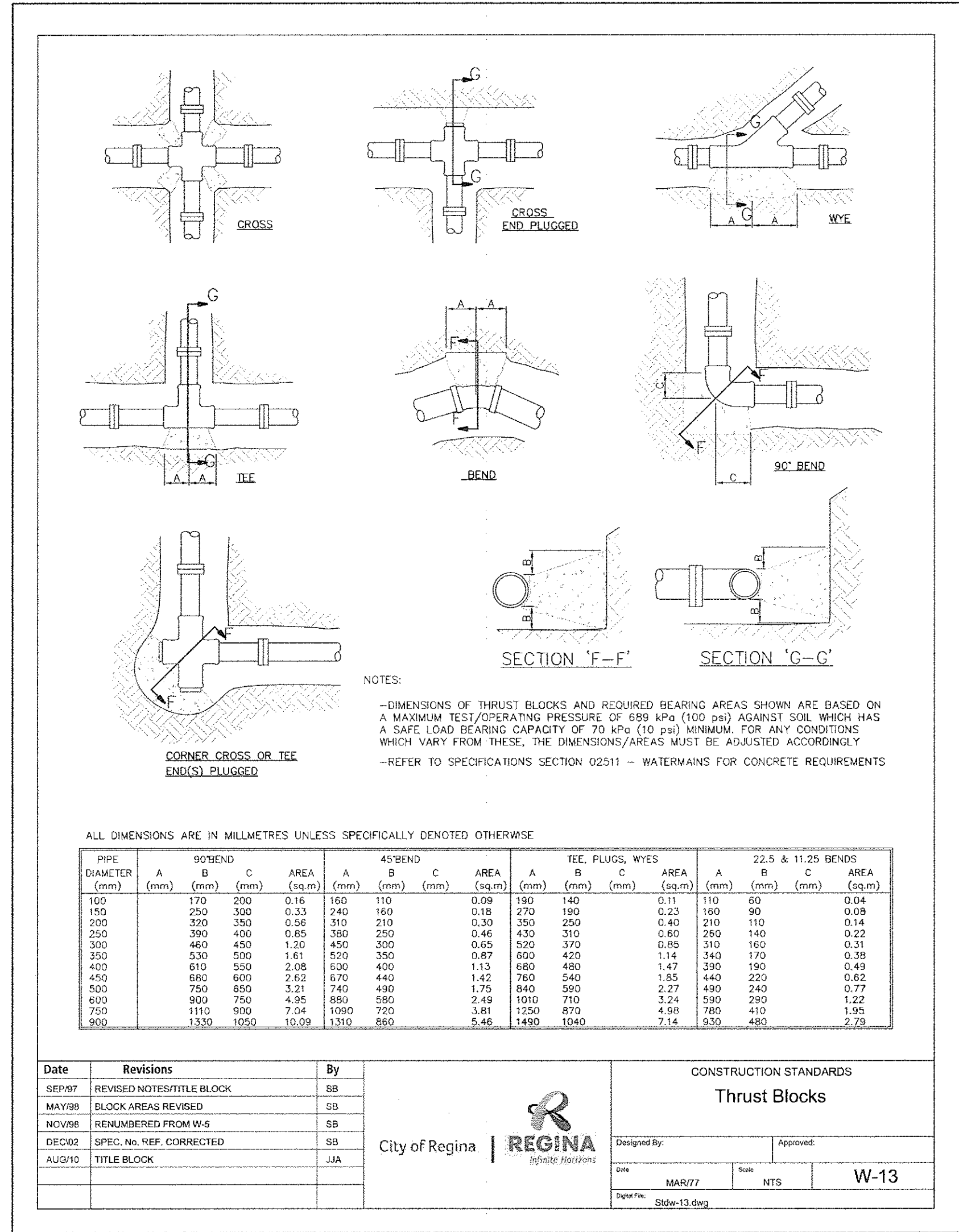
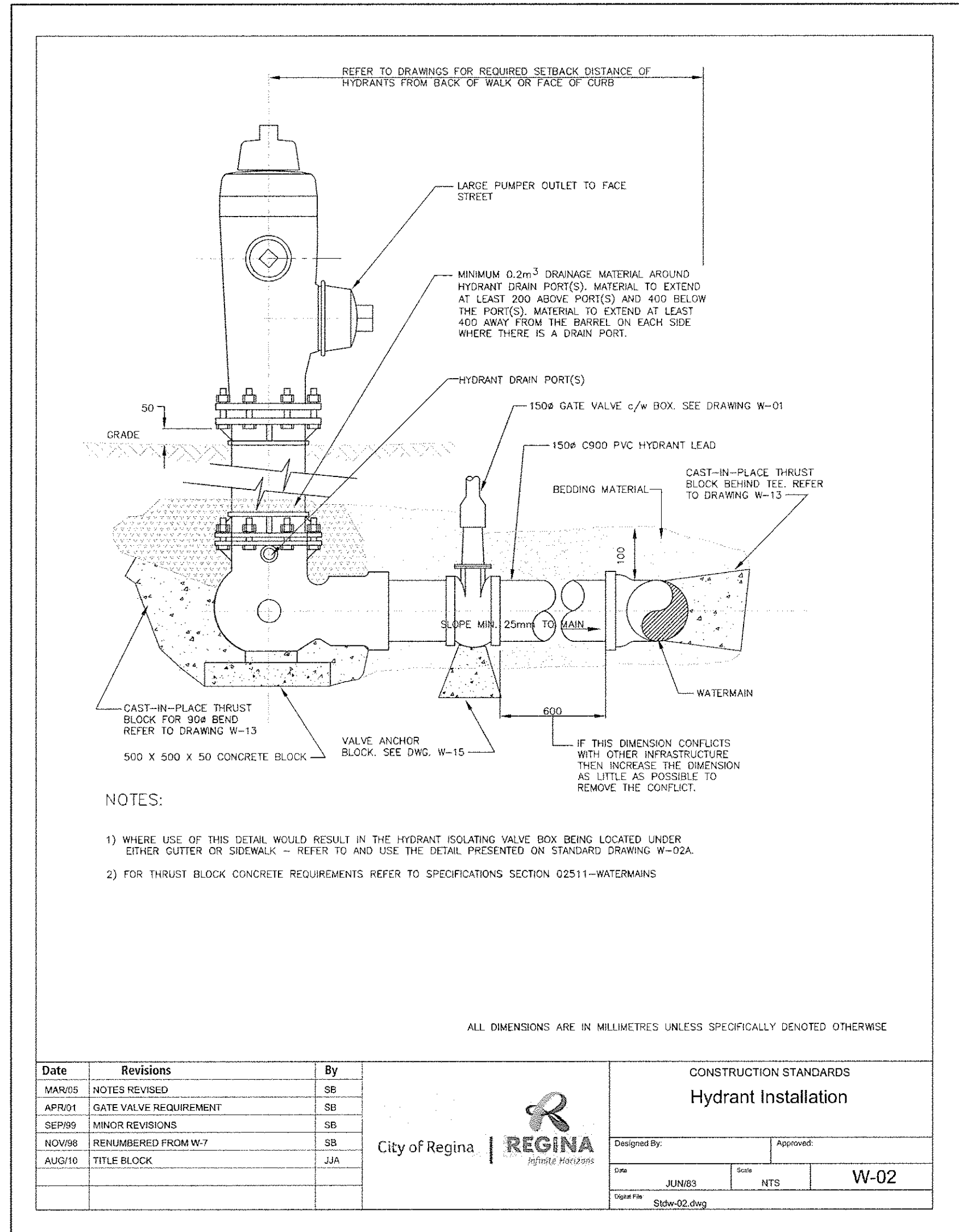
Drawing title/Titre du dessin  
**SURFACE FEATURES**

Project No./No. du projet	Sheet / Feuille	Revision no./ La Révision no.
3104102	<b>SF-01</b> 23 OF 28	<b>1</b>





n:\p\310410207 design\01 drawings\05 sheets\Gravel Road\WTR - WATERWORKS.dwg Last Saved: 6/22/2016 1:53 PM by cpilalabohornez Plot: 6/22/2016 1:52 PM by Carlos Pineda Bohornez



Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES  
Western Region  
SERVICES IMMOBILIERS  
Région de l'ouest

LEGEND

302

BLOCK PROFILE SHEET NUMBER

---

CONSTRUCTION BOUNDARY

---

EXISTING/PROPOSED WATER MAIN AND VALVE

---

FUTURE WATER MAIN AND VALVE

⊗

CHECK VALVE

---

CROSS

---

TEE

---

PLUG

PROFESSIONAL ENGINEER

J. F. CHAPMAN

MEMBER 20889

2016 06 23

TR. MN. DAY

SASKATCHEWAN

Association of Professional Engineers & Geoscientists of Saskatchewan

CERTIFICATE OF AUTHORIZATION

Morison Herdfield Limited.

Number C0019

Permission to Consent held by:

Discipline: CIVIL

St. Reg. No. 20889

Signature: [Signature]

1

ISSUED FOR TENDER

2016-06-23

Revision/

Description/Description

Date/Date

Client/client

PWGSC

1800 11th Avenue, Suite 201

Regina, SASK, S4P 0H8

Project title/Titre du projet

NEW DRIVER TRAINING TRACK GRAVEL ROAD

Approved by/Approuvé par

JFC

Designed by/Concept par

JFC

Drawn by/Dessiné par

CPB

PWGSC Project Manager/Administrateur de Projets TPSCG

LIONEL GATWAY

PWGSC, Architectural and Engineering Resources Manager/

Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client

Drawing title/Titre du dessin

WATERWORKS

Project No./No. du projet

3104102

Sheet/Feuille

WTR - 01

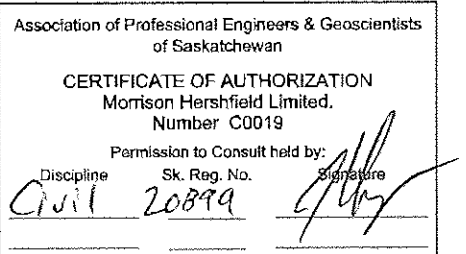
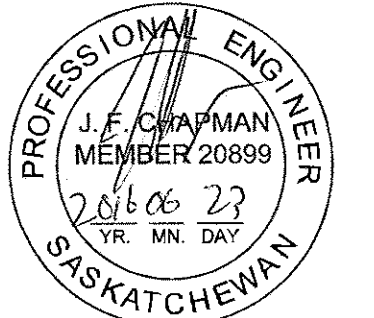
Revision no./La Révision no.

1

25 OF 28







Revision/ Revision	Description/Description	Date/Date
Client/client		

**1800 11th Avenue, Suite 201  
Regina, SASK, S4P 0H8**

Project title/Titre du projet

**NEW DRIVER TRAINING TRACK  
GRAVEL ROAD**

Approved by/Approuve par  
JFC

Designed by/Concept par  
JFC

Drawn by/Dessiné par  
CPB

PWGSC Project Manager/Administrateur de Projets TPSGC  
LIONEL OATWAY

PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSGC

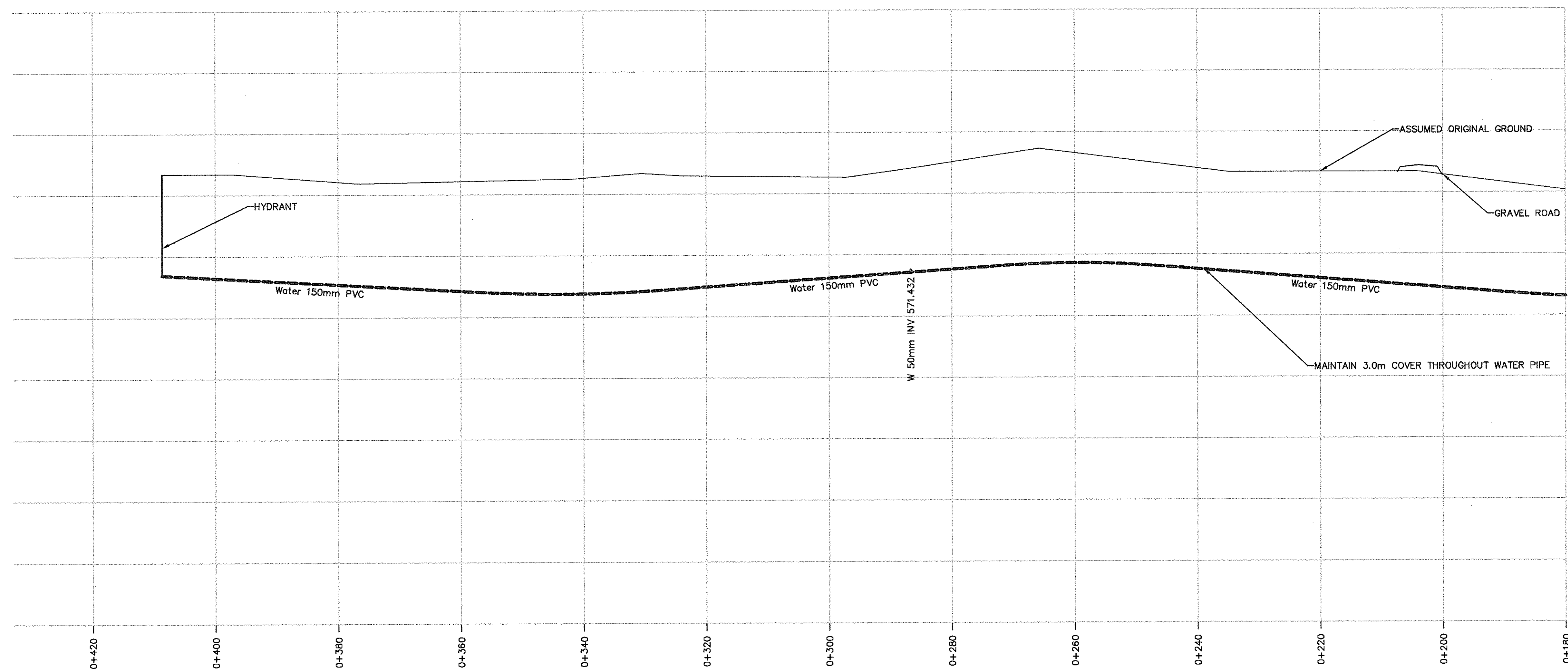
---

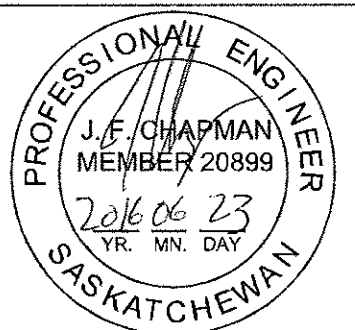
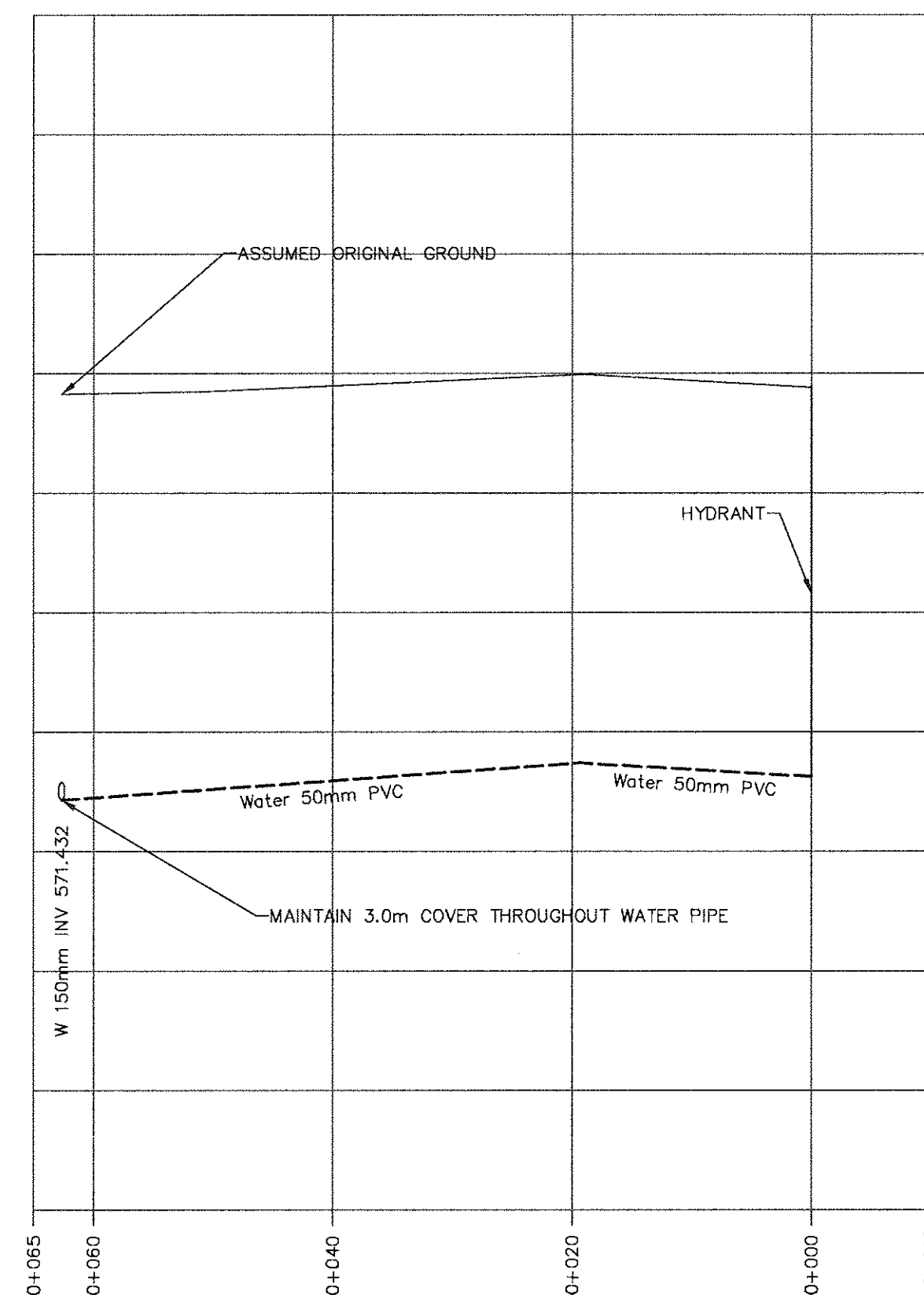
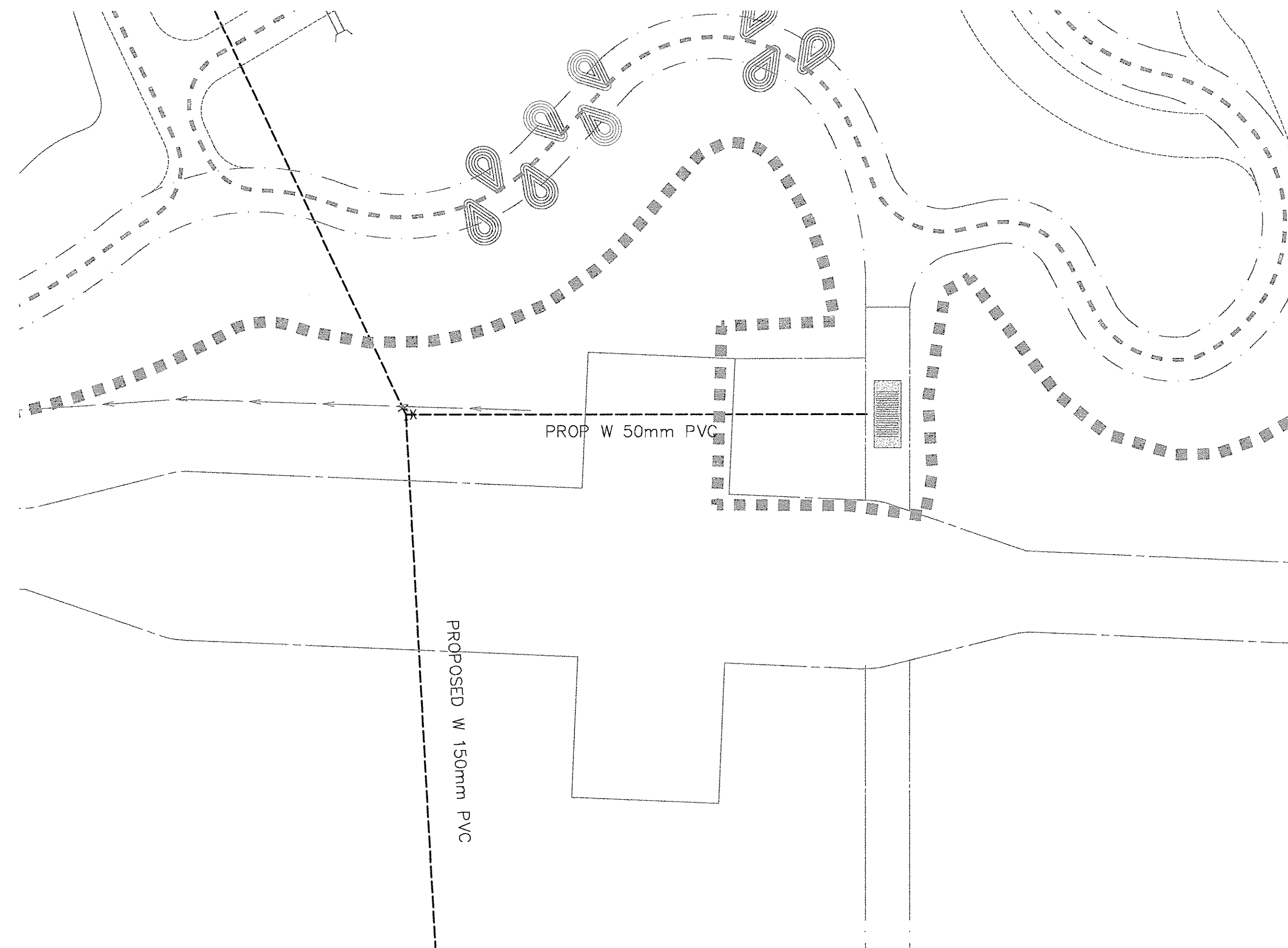
Client/client

Drawing title/Titre du dessin

**WATER - 150mm  
PROFILE**

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
3104102	WTR-03	1
	27 OF 28	






1	ISSUED FOR TENDER	2016-06-22
Revision/ Revision	Description/Description	Date/Date

**PWGSC**

1800 11th Avenue, Suite 201  
Regina, SASK, S4P 0H8

Project title/Titre du projet

**NEW DRIVER TRAINING TRACK  
GRAVEL ROAD**

Approved by/Approuve par  
JFC

Designed by/Concept par  
JFC

Drawn by/Dessiné par  
CPB

PWGSC Project Manager/Administrateur de Projets TPSGC  
LIONEL OATWAY

PWGSC, Architectural and Engineering Resources Manager  
Ressources Architectural et de Directeur d'Ingénierie, TPS

Client/client
---------------

Drawing title/Titre du dessin

**WATER - 50mm  
PROFILE**

Project No./No. du projet <b>3104102</b>	Sheet/Feuille <b>WTR-04</b> 28 OF 28	Revision no./La Révision no. <b>1</b>
---	--	--