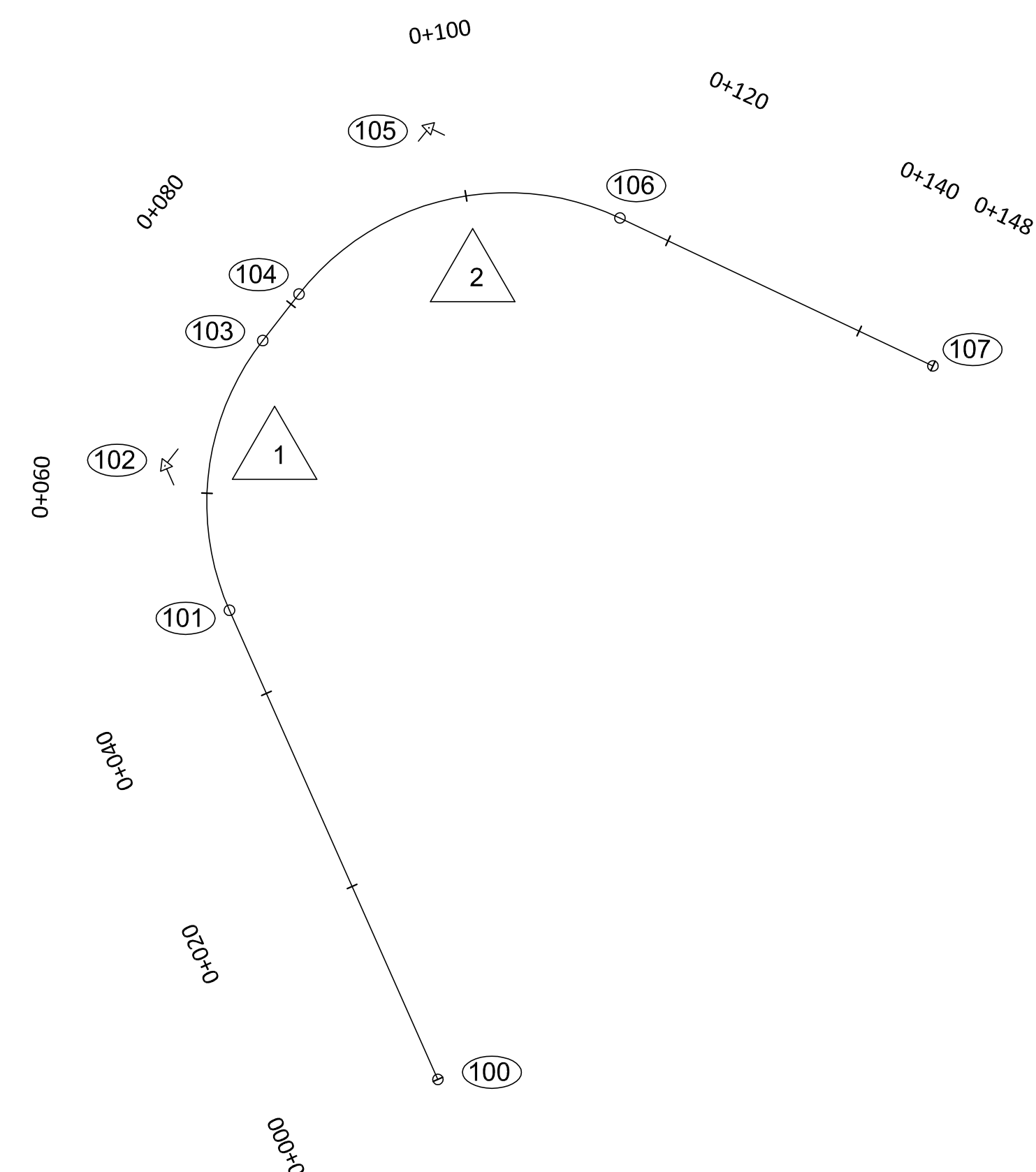


GENERAL NOTES:

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**CONTROL ALIGNMENT**

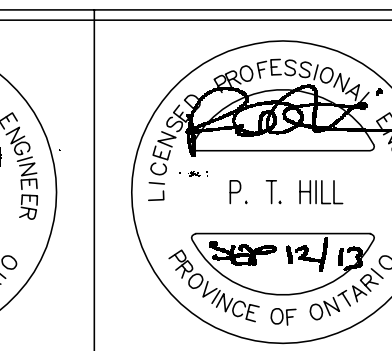
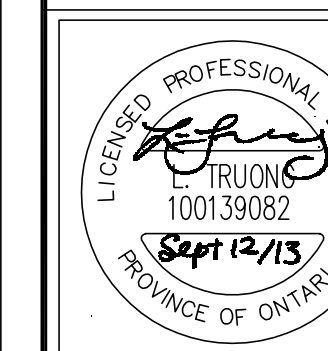
STATION	DESCRIPTION	STATION	COORDINATES	
			NORTHING	EASTING
100	POB	0+000.000	5035568.006	373288.024
101	BC	0+048.610	5035612.430	373268.291
102	PI	0+063.620	5035626.147	373262.197
103	EC	0+075.645	5035637.974	373271.440
104	BC	0+081.225	5035642.370	373274.876
105	PI	0+101.217	5035658.123	373287.186
106	EC	0+114.953	5035649.577	373305.260
107	POE	0+148.000	5035635.566	373334.893

**CURVE NO. 1**

$\Delta t$	=	61° 57' 34.20"
R	=	25.000
T	=	15.009
L	=	27.035
E	=	4.160

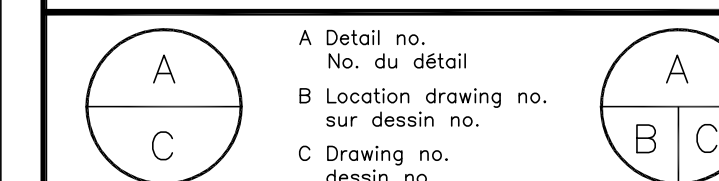
**CURVE NO. 2**

$\Delta t$	=	77° 17' 51.62"
R	=	25.000
T	=	19.992
L	=	33.727
E	=	7.011



No.	Description	By	Date (dd/mm/yyyy)
1	ISSUED FOR TENDER	P.H.	12/09/13

- Verify all dimensions and site conditions and be responsible for same
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project project

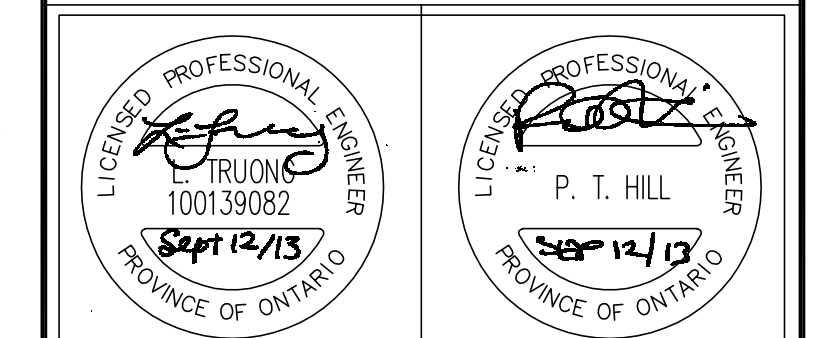
**M42 SITE REHABILITATION**

drawing dessin  
**HORIZONTAL ALIGNMENT**

designed	conçu	date	date	3802-C01
L.T.		AUGUST 2013		
drawn	dessiné	scale	échelle	
M.S.		1:500		
checked	vérifié	sheet	feuille	
L.T.		R1 of/de	R6	
approved	approuvé	W.O.no.	D.T.no.	
P.H.		A1-000501-01-09-14		
dwg.no.	dessin no.			3802-C01

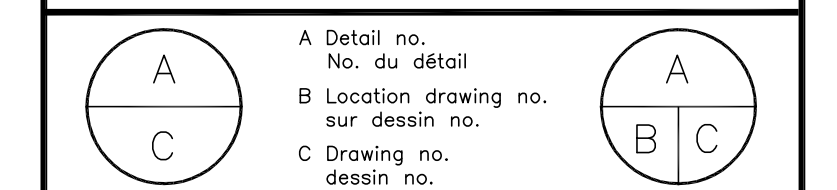


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  12. REFER TO ELECTRICAL SPECIFICATIONS FOR THE SCOPE OF WORK RELATED TO THE RELOCATION OF THE EXISTING HYDRO AND TELECOMMUNICATIONS LINES.



No.	Description	By	Date (dd/mm/yyyy)
1	ISSUED FOR TENDER	P.H.	12/09/13

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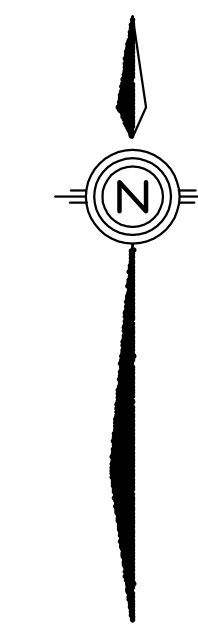
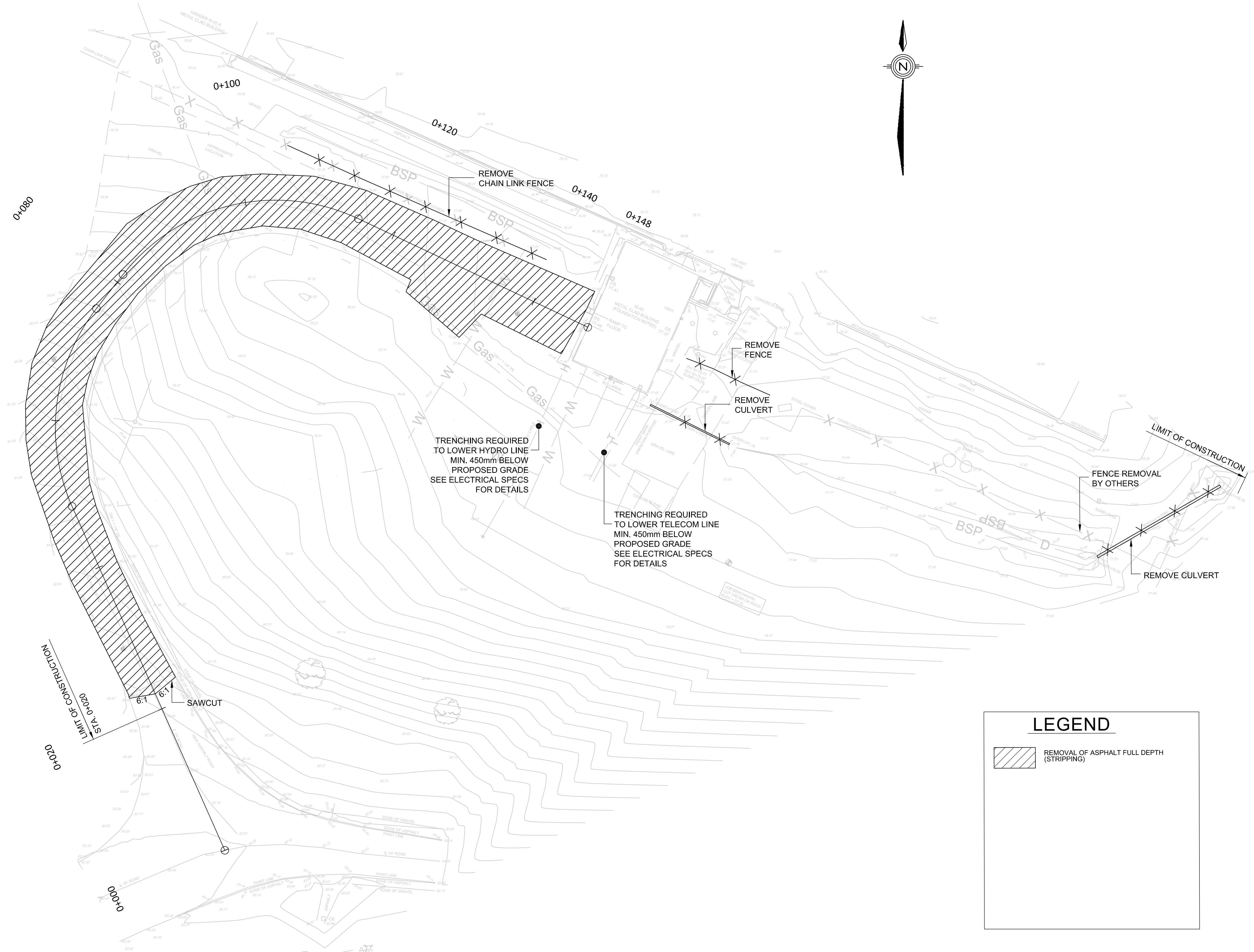


project project

**M42 SITE REHABILITATION**

**REMOVALS**

designed	conçu	date	AUGUST 2012	date
drawn	dessiné	scale	1:250	échelle
checked	vérifié	sheet	R2 of/de R6	feuille
approved	approuvé	W.O.no.	A1-000501-01-09-14	D.T.no.
dwg.no.	dessin no.	<b>3802-C02</b>		dessin no.



**LEGEND**

REMOVAL OF ASPHALT FULL DEPTH (STRIPPING)

0+060

0+000

0+020

000+0

0+100

0+120

0+140

0+148

0+080

LIMIT OF CONSTRUCTION

LIMIT OF CONSTRUCTION

SAWCUT

TRENCHING REQUIRED TO LOWER HYDRO LINE MIN. 450mm BELOW PROPOSED GRADE SEE ELECTRICAL SPECS FOR DETAILS

TRENCHING REQUIRED TO LOWER TELECOM LINE MIN. 450mm BELOW PROPOSED GRADE SEE ELECTRICAL SPECS FOR DETAILS

REMOVE FENCE

REMOVE CULVERT

FENCE REMOVAL BY OTHERS

REMOVE CULVERT

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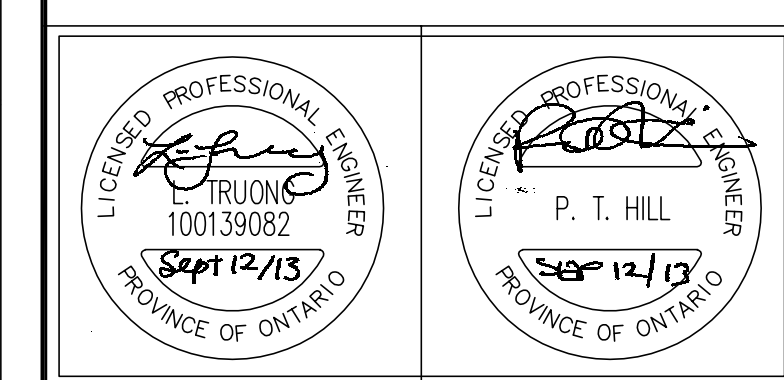
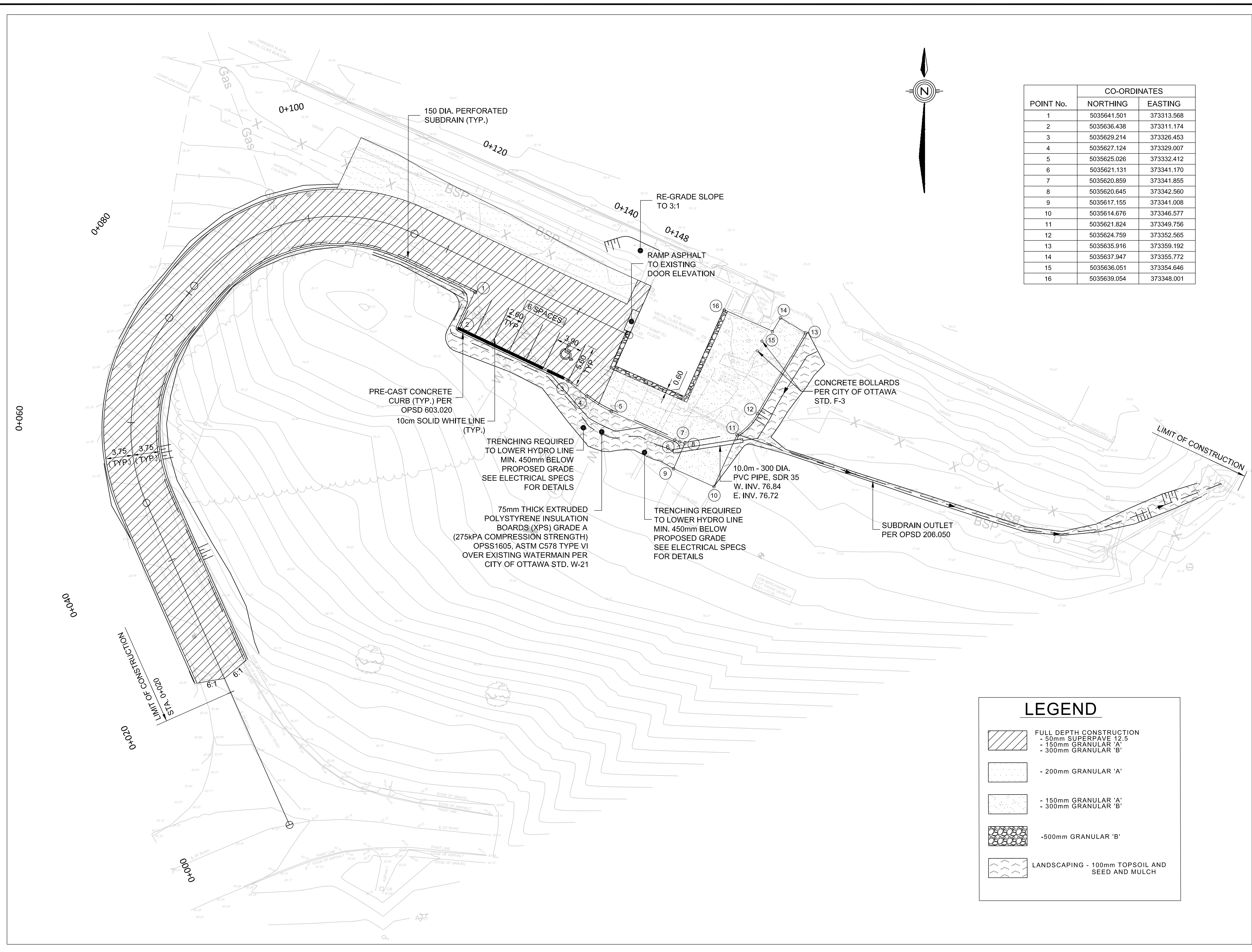
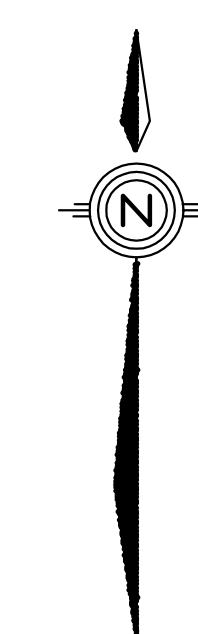
Gas



GENERAL NOTES:

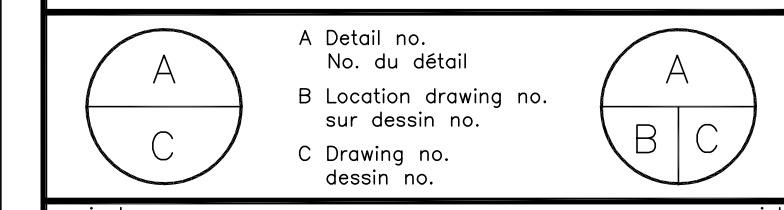
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POINT No.	CO-ORDINATES	
	NORTHING	EASTING
1	5035641.501	373313.568
2	5035636.438	373311.174
3	5035629.214	373326.453
4	5035627.124	373329.007
5	5035625.026	373332.412
6	5035621.131	373341.170
7	5035620.859	373341.855
8	5035620.645	373342.560
9	5035617.155	373341.008
10	5035614.676	373346.577
11	5035621.824	373349.756
12	5035624.759	373352.565
13	5035635.916	373359.192
14	5035637.947	373355.772
15	5035636.051	373354.646
16	5035639.054	373348.001



No.	Description	By	Date (dd/mm/yyyy)
1	ISSUED FOR TENDER	P.H.	12/09/13

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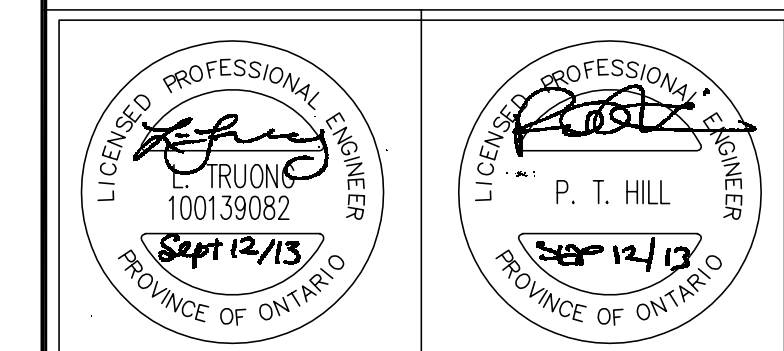


project		project	
<b>M42 SITE REHABILITATION</b>			
drawing		dessin	
<b>NEW CONSTRUCTION</b>			
designed	conçu	date	date
L. T.		AUGUST 2013	
drawn	dessiné	scale	échelle
M.S.		1:250	
checked	vérifié	sheet	feuille
L. T.		R3 of/de	R6
approved	approuvé	W.O.no.	D.T.no.
P.H.		A1-000501-01-09-14	
dwg.no.	dessin no.		dwg.no.
3802-C03			3802-C03



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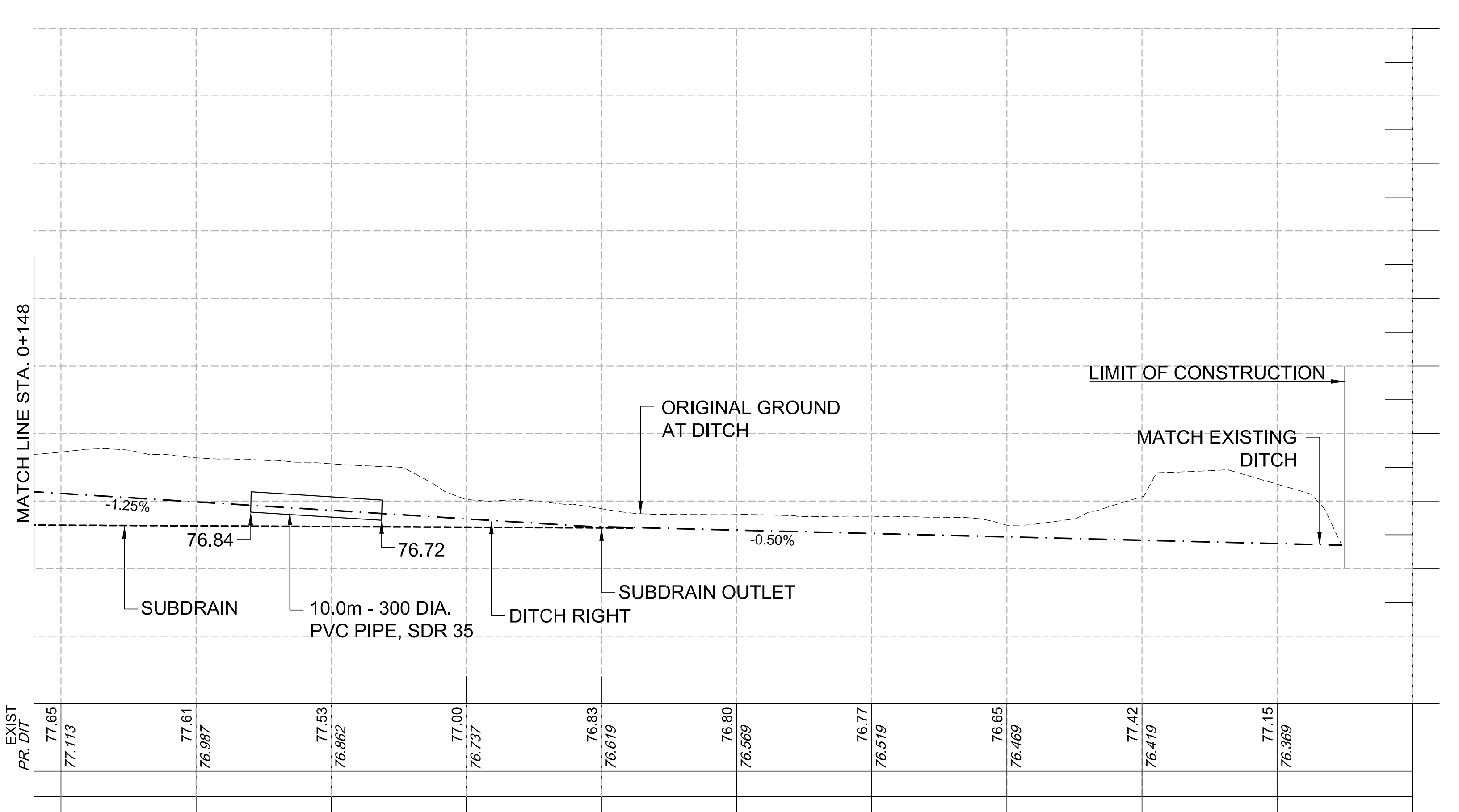
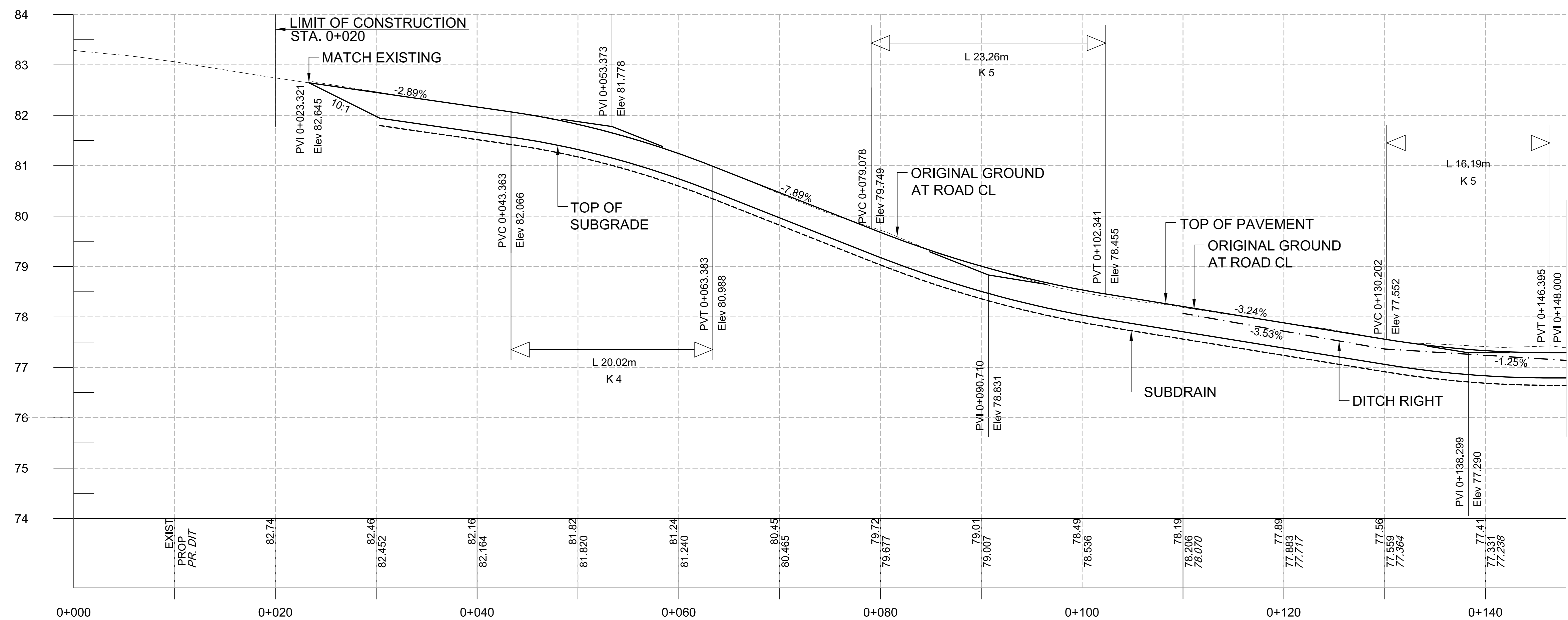
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B	B Location drawing no. sur dessin no.	B
C	C Drawing no. dessin no.	C

project \_\_\_\_\_ projet \_\_\_\_\_

**M42 SITE REHABILITATION**

drawing **PROFILE** dessin \_\_\_\_\_

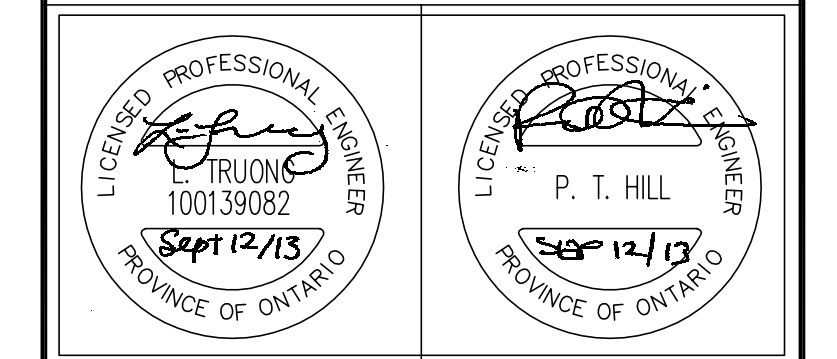
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drawn <b>M.S.</b>	dessiné	scale <b>1:250 HOR 1:50 VERT.</b>	échelle
checked <b>L.T.</b>	vérifié	sheet <b>R4</b>	feuille <b>R6</b>
approved <b>P.H.</b>	approuvé	W.O.no. <b>A1-000501-01-09-14</b>	D.T.no.
dwg.no. <b>3802-C04</b>	dessin no.		dessin no. <b>3802-C04</b>





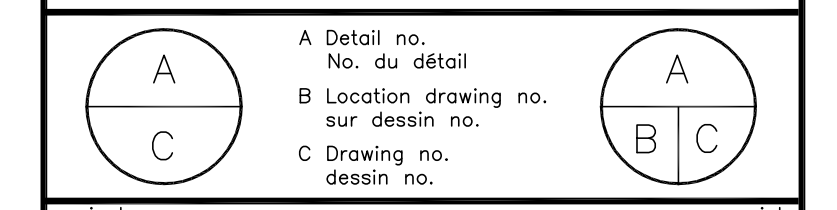
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12. REFER TO PROFILE DRAWING FOR DITCH ELEVATIONS.



No.	Description	By	Date (dd/mm/yyyy)
1	ISSUED FOR TENDER	P.H.	12/09/13

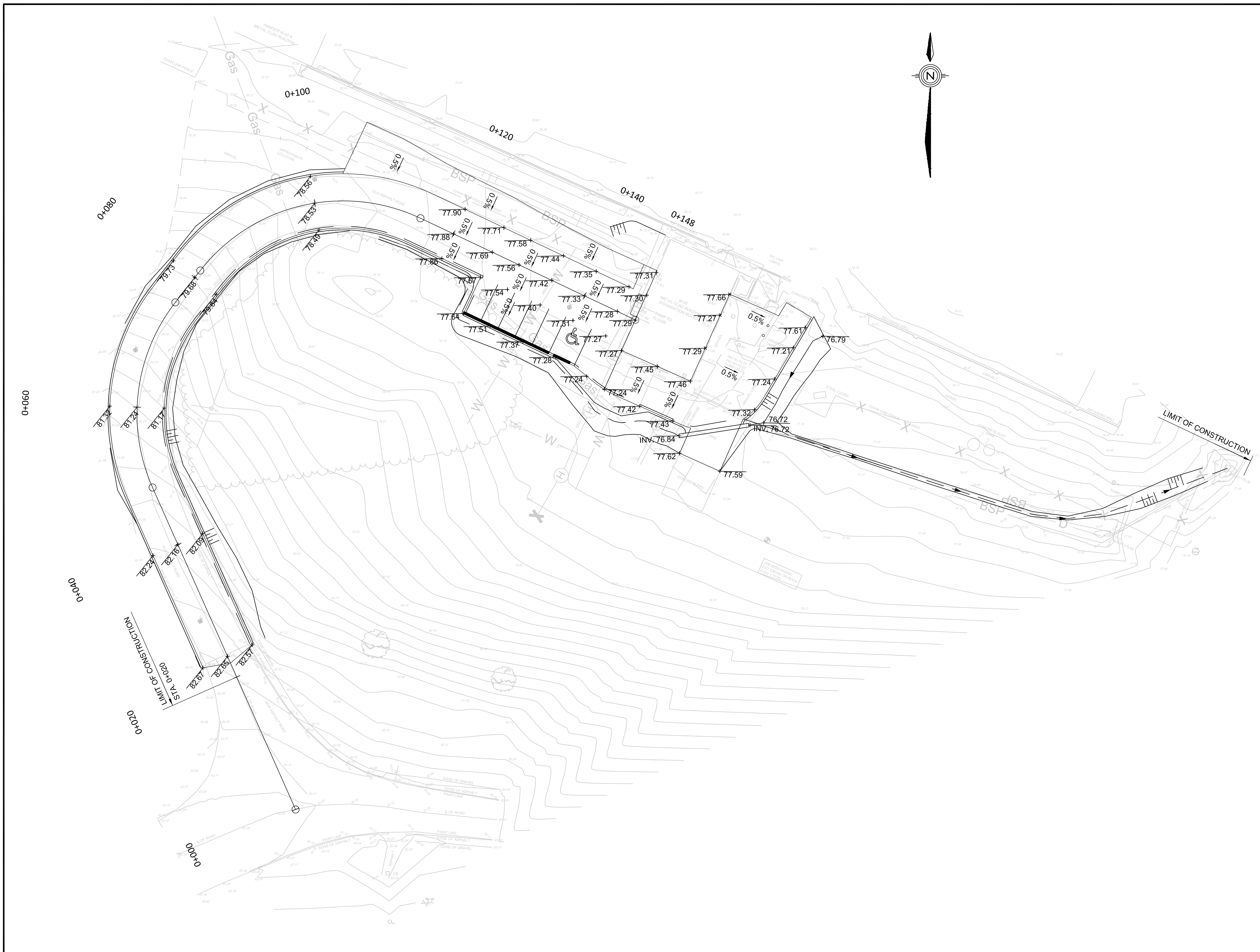
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project **M42 SITE REHABILITATION** project

drawing **PAVEMENT ELEVATIONS** dessin

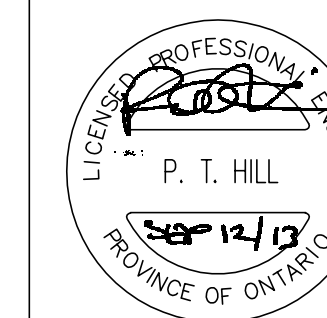
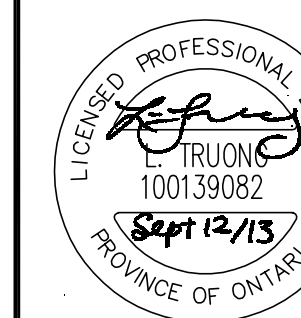
designed	conçu	date	AUGUST 2013	date
drawn	dessiné	scale	1:250	échelle
checked	vérifié	sheet	R5 of/de R6	feuille
approved	approuvé	W.O.no.	A1-000501-01-09-14	D.T.no.
dwg.no.	dessin no.	<b>3802-C05</b>		dessin no.





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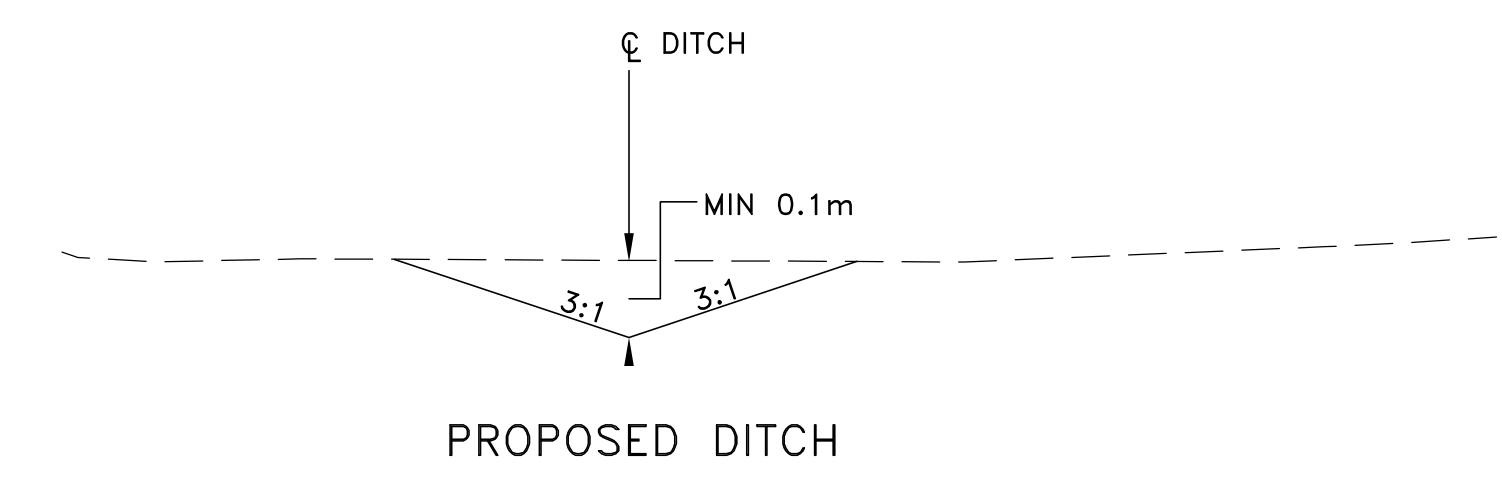
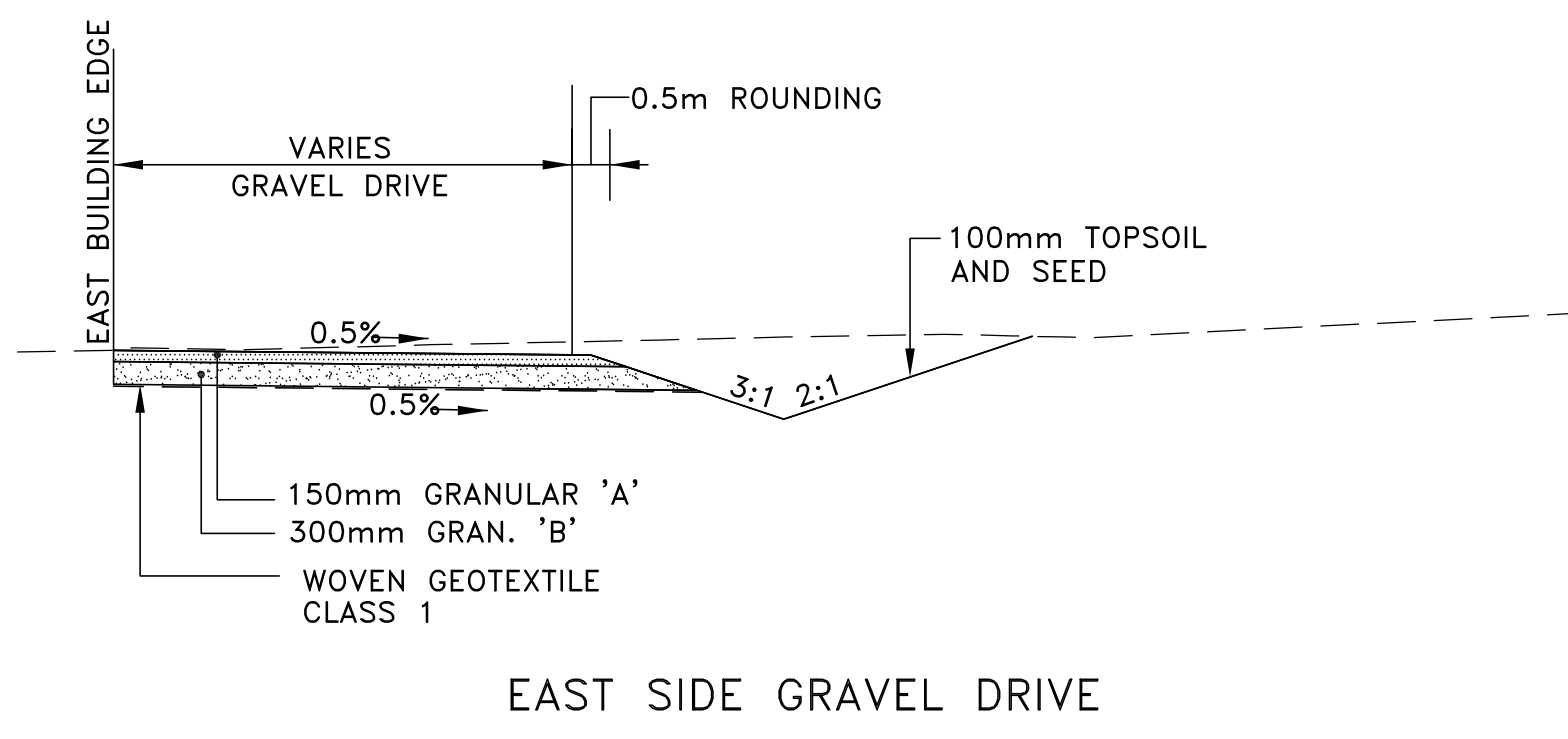
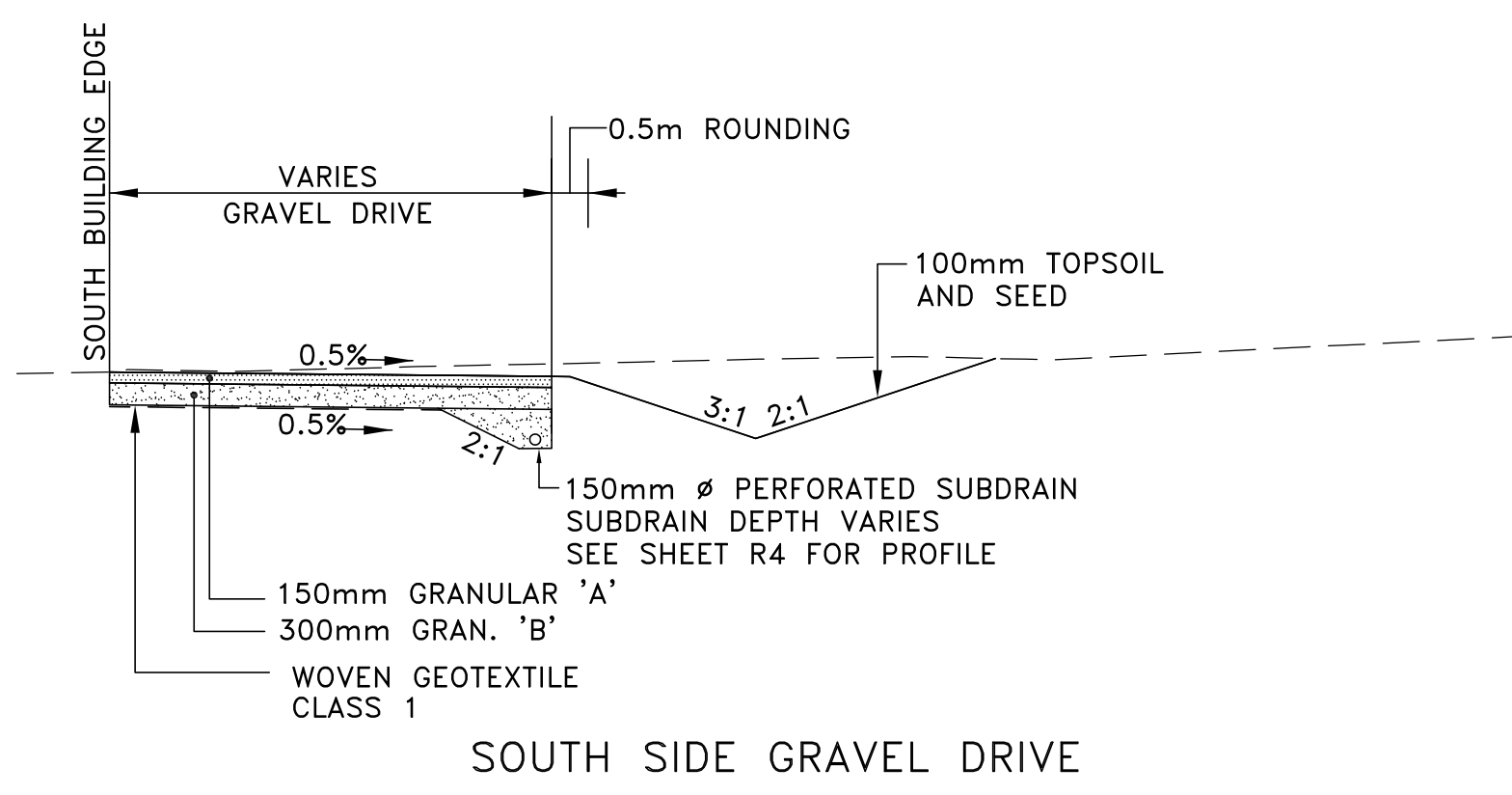
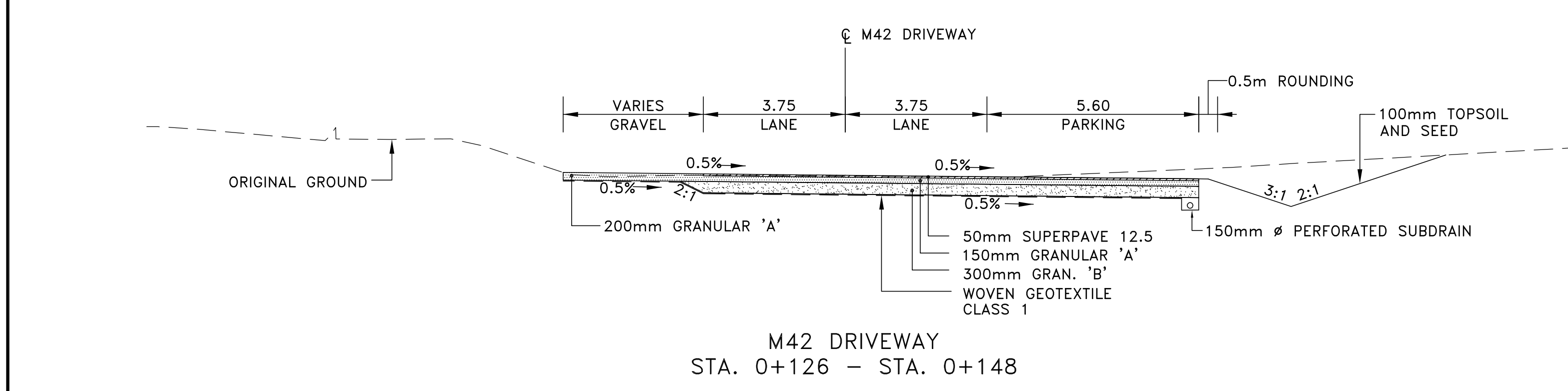
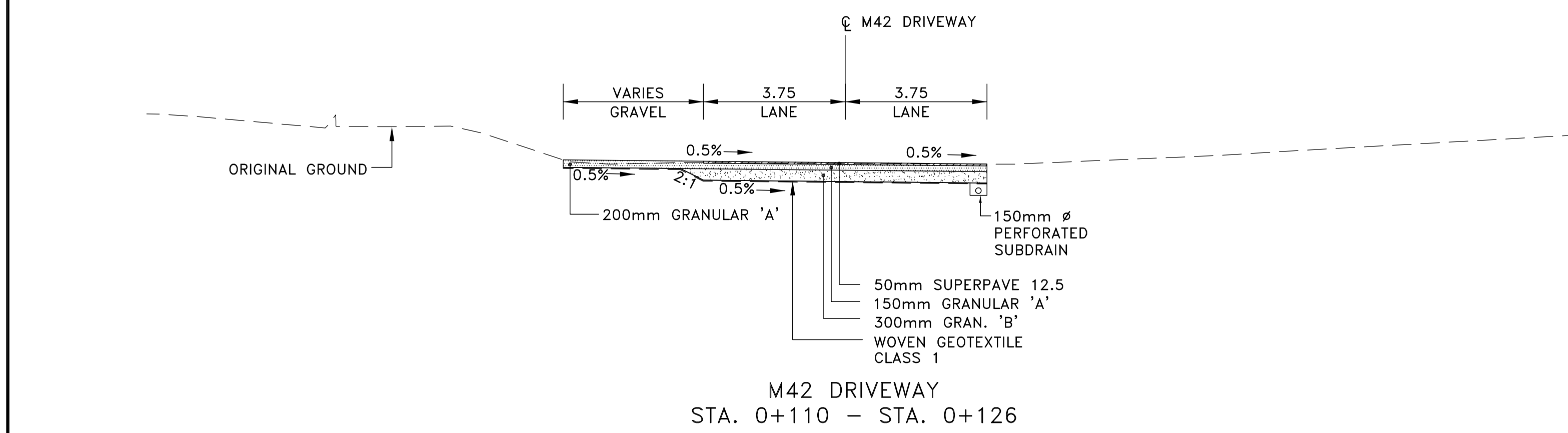
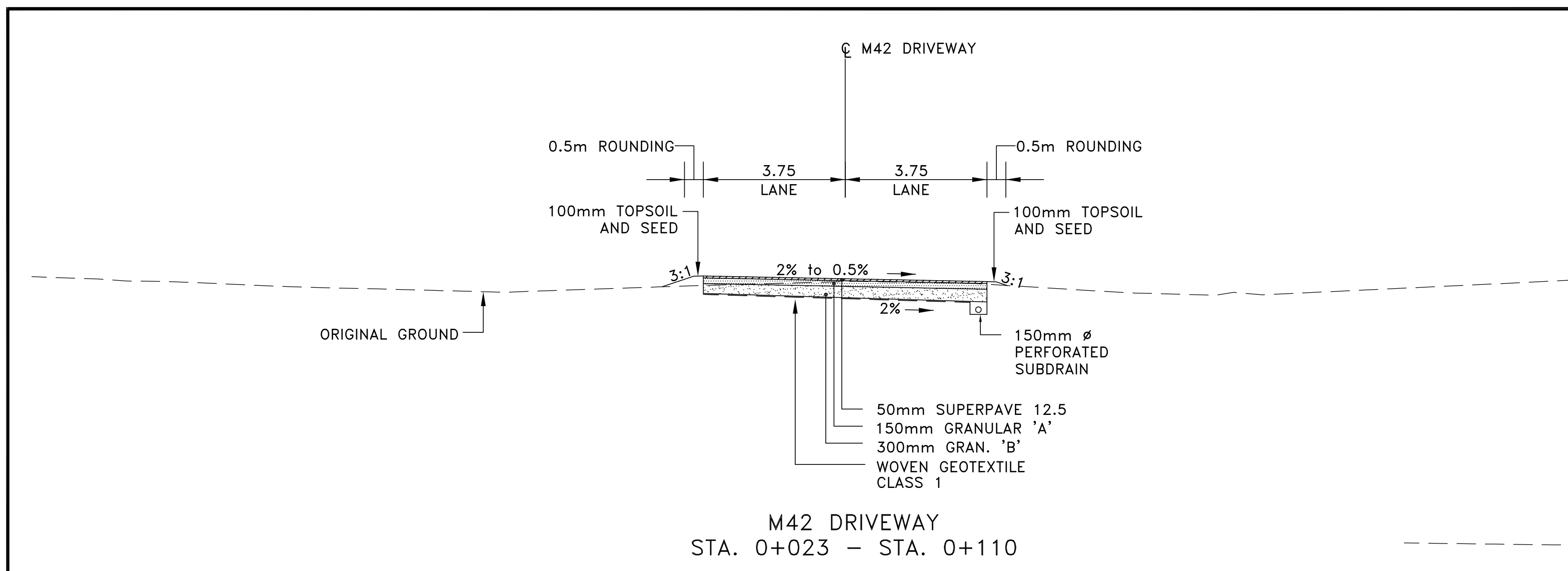
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B Location drawing no. sur dessin no.		
C Drawing no. dessin no.		

project project

**M42 SITE REHABILITATION**

drawing dessin  
**TYPICAL SECTIONS**

designed <b>L. T.</b>	conçu <b>AUGUST 2013</b>	date	date
drawn <b>M.S.</b>	dessiné	scale <b>1:100</b>	échelle
checked <b>L. T.</b>	vérifié	sheet <b>R6</b>	of/de <b>R6</b>
approved <b>P.H.</b>	approuvé	W.O.no. <b>A1-000501-01-09-14</b>	D.T.no.
dwg.no. <b>3802-C06</b>	dessin no.		

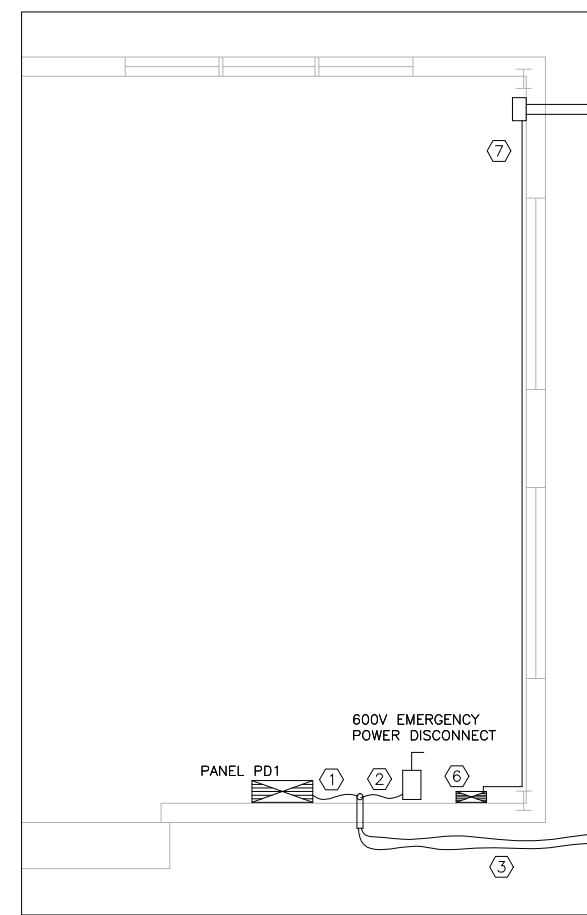


**GENERAL NOTES**

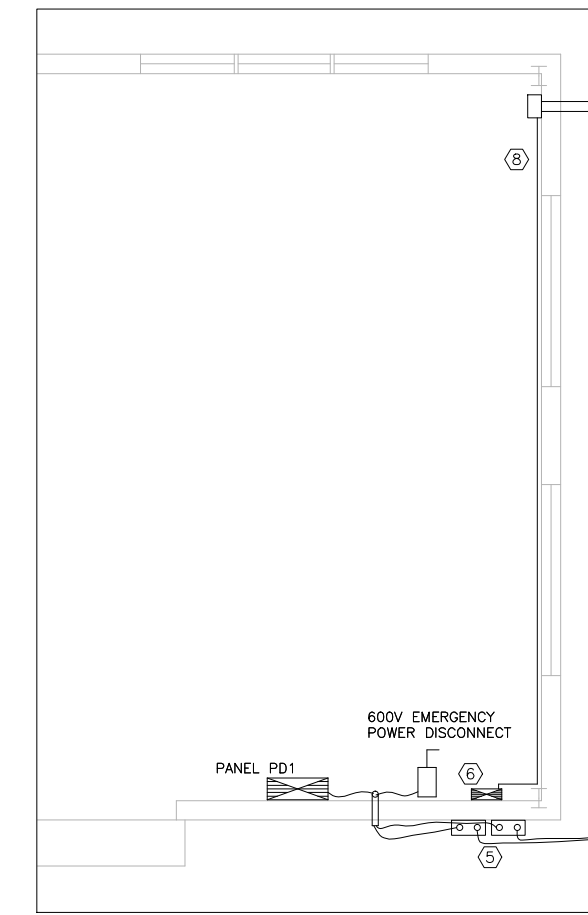
- A READ THIS DRAWING IN CONJUNCTION WITH CIVIL DRAWINGS AND SPECIFICATIONS.
- B CONTRACTORS TO CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO DEMOLITION OR CONSTRUCTION AND REPORT ANY ERRORS OR OMISSIONS TO NRC DEPARTMENTAL REPRESENTATIVE.
- C CONTRACTORS MUST VISIT THE SITE & FULLY FAMILIARIZE THEMSELVES WITH THE SCOPE OF THE WORK.
- D PREVENT THE SPREAD OF DUST & DEBRIS BEYOND THE WORK AREA AND CLEAN ALL SURFACES AT COMPLETION.
- E MAKE GOOD ALL SURFACES AFFECTED BY THIS WORK.
- F COORDINATE ALL SHUTDOWNS WITH THE NRC DEPARTMENTAL REPRESENTATIVE.
- G FILL ALL HOLES, PATCH & PAINT ALL SURFACES IN CONTRACT AREA. COLOUR SCHEME TO MATCH EXISTING.
- H REMOVE MEANS REMOVE AND DISPOSE OF OFF SITE UNLESS OTHERWISE NOTED.
- I PROVIDE LABELS TO NEW DEVICES TO INDICATE POWER SOURCE. UPDATE PANEL SCHEDULES AFTER JOB COMPLETION.

**DRAWING NOTES**

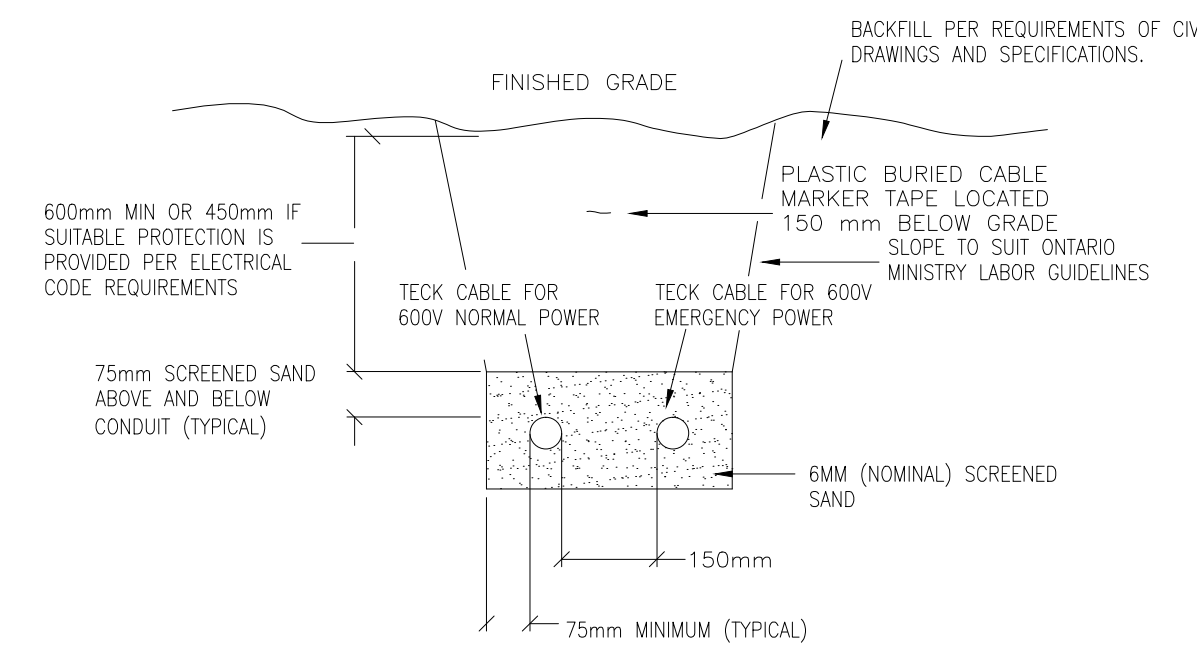
1. TECK CABLE FEED FOR BUILDING 600V NORMAL POWER. ORIGINATES IN BUILDING M-40A, PANEL PD1. DISCONNECT TO ALLOW FOR REMOVAL AND REINSTALLATION ACCORDING TO CIVIL DRAWINGS. COORDINATE SHUT-DOWN & LOCK OUT PROCEDURES WITH NRC DEPARTMENTAL REPRESENTATIVE.
2. TECK CABLE FEED FOR BUILDING 600V EMERGENCY POWER. ORIGINATES IN BUILDING M-40, PANEL EDP1. DISCONNECT TO ALLOW FOR REMOVAL AND REINSTALLATION ACCORDING TO CIVIL DRAWINGS. COORDINATE SHUT-DOWN & LOCK OUT PROCEDURES WITH NRC DEPARTMENTAL REPRESENTATIVE.
3. DIRECT BURIED TECK CABLE FOR NORMAL AND EMERGENCY POWER SUPPLY TO BUILDING. TO BE EXCAVATED BY HAND AND REINSTALLED TO MEET DEPTH REQUIREMENTS OF DETAIL 4/E01 AFTER GRADE CHANGES ACCORDING TO CIVIL DRAWINGS.
4. APPROXIMATE LOCATION OF EXTENT OF HAND DIGGING TO EXPOSE EXISTING TECK CABLE.
5. NEW EEMAC 3R ENCLOSURES FOR SPLICES. ROUTE EXISTING CABLE INTO NEW BOXES, SPLICE AND EXTEND TO EXISTING PANEL AND DISCONNECT. PROTECT FROM BELOW GRADE TO SPLICE BOX USING RIGID STEEL CONDUIT. USE #3 TECK FOR 600V NORMAL POWER, AND #6 TECK FOR 600V EMERGENCY POWER. IF EXISTING CABLES ARE LONG ENOUGH AFTER ROUTING MODIFICATIONS, IT IS ACCEPTABLE TO PUT SPLICE BOXES INSIDE THE BUILDING.
6. EXISTING FIRE ALARM PANEL.
7. EXISTING PULL BOX WITH CONDUITS (2) FOR BOTH FIRE ALARM AND DATA WIRING. EXISTING DATA WIRING WILL BE REMOVED FROM EXISTING CONDUIT BY NRC PRIOR TO WORK COMMENCING AND REINSTALLED BY NRC AFTER WORK IS COMPLETE.
8. EXISTING FIRE ALARM CABLE TO BE DISCONNECTED AND PULLED BACK TO MAN HOLE NEAR M-40A. DISCONNECTION FROM PANEL TO BE COORDINATED WITH NRC DEPARTMENTAL REPRESENTATIVE.
9. REINSTALL FIRE ALARM CABLE THROUGH NEW CONDUIT INSTALLED AS PART OF CIVIL WORK. IF NECESSARY SPLICE WITH SAME TYPE CABLE TO REACH FIRE ALARM PANEL.
10. APPROXIMATE LOCATION OF EXTENT OF HAND DIGGING TO EXPOSE EXISTING CONDUITS FOR FIRE ALARM AND DATA WIRING. PROVIDE TO NEW CONDUIT TO MATCH EXISTING AND INSTALL TO MEET DEPTH REQUIREMENTS OF DETAIL 5/E01 AFTER GRADE CHANGES ACCORDING TO CIVIL DRAWINGS. NEW CONDUITS TO TERMINATE AT EXISTING PULL BOX ON EXTERIOR OF BUILDING.



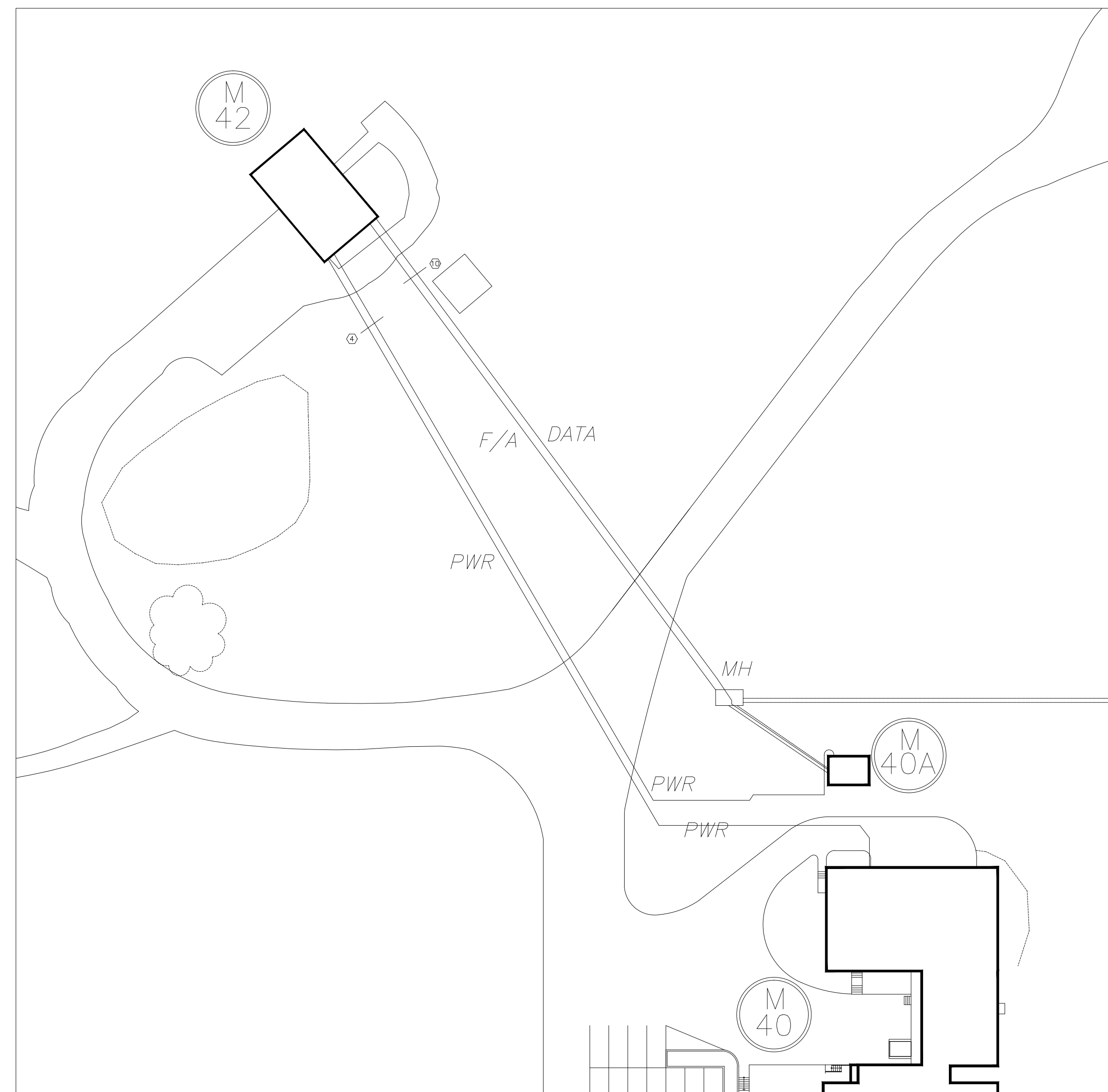
1 M-42 ELECTRICAL DEMOLITION  
 E01 SCALE: 1:100



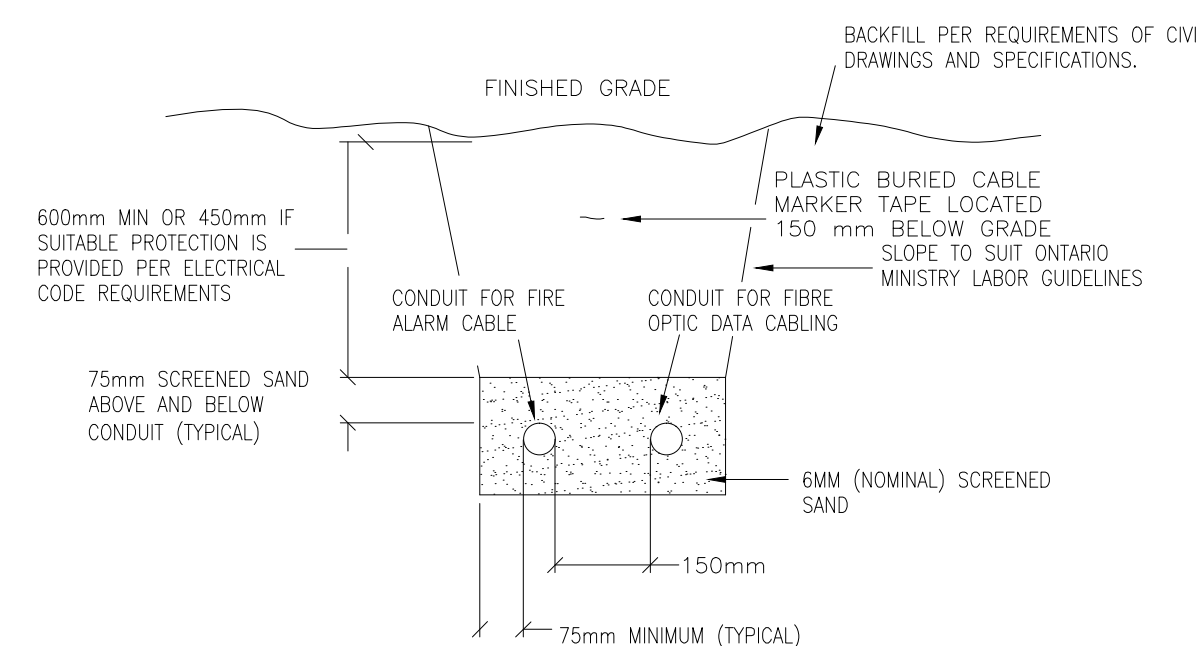
2 M-42 ELECTRICAL NEW WORK  
 E01 SCALE: 1:100



4 TECK CABLE BURIAL DETAIL  
 E01 SCALE: N.T.S.



3 ELECTRICAL SITE PLAN  
 E01 SCALE: 1:500

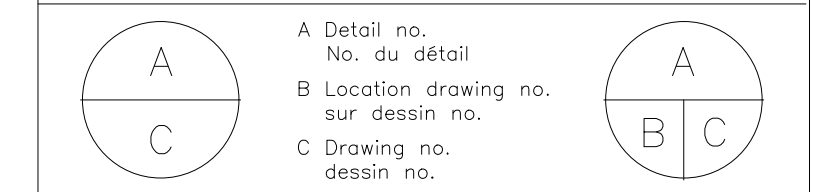


5 FIRE ALARM AND DATA CONDUIT BURIAL DETAIL  
 E01 SCALE: N.T.S.

No.	Date	Revision	D.I.F. By: Par.
0	SEPT. 2013	ISSUED FOR TENDER	

Date Printed DD MM YYYY Date imprimée

- o Verify all dimensions and site conditions and be responsible for same
- o Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité



project M-42 SITE REHABILITATION projet

drawing MONTREAL ROAD CAMPUS ELECTRICAL WORK dessin

designed	DIF	conçu	date	SEPT. 2013	date
drawn	DIF	dessiné	scale	AS NOTED	échelle
checked	K.X.L.	vérifié	sheet	E01 of/de	1 feuille
approved	R.C.	approuvé	W.O.no.	A1-000501-01	D.T.no.

dwg.no. 3802-E01 dessin no.