
*Municipal Class Environmental Assessment for
Road Improvements near Derry Road East and Alstep Drive:
Environmental Study Report*

Appendix P: 30% Design Drawings

BOMBARDIER

DERRY ROAD E, BRAMALEA ROAD, MENKES DRIVE,
ALSTEP DRIVE, TELFORD WAY, MENWAY COURT

PROJECT NO. XX-XXXX

DRAWING INDEX

DRAWINGS	SHEET NO.
DRAWING INDEX	1
DERRY ROAD - PNP	2 TO 6
MENKES DRIVE - PNP	7
TELFORD WAY - PNP	8
BRAMALEA ROAD - PNP	9 TO 11
ALSTEP DRIVE - PNP	12 TO 14
MENWAY COURT - PLAN	15
TYPICAL SECTION	16 TO 18
MENKES DRIVE - STAGE 1	19
ALSTEP DRIVE - STAGE 1	20

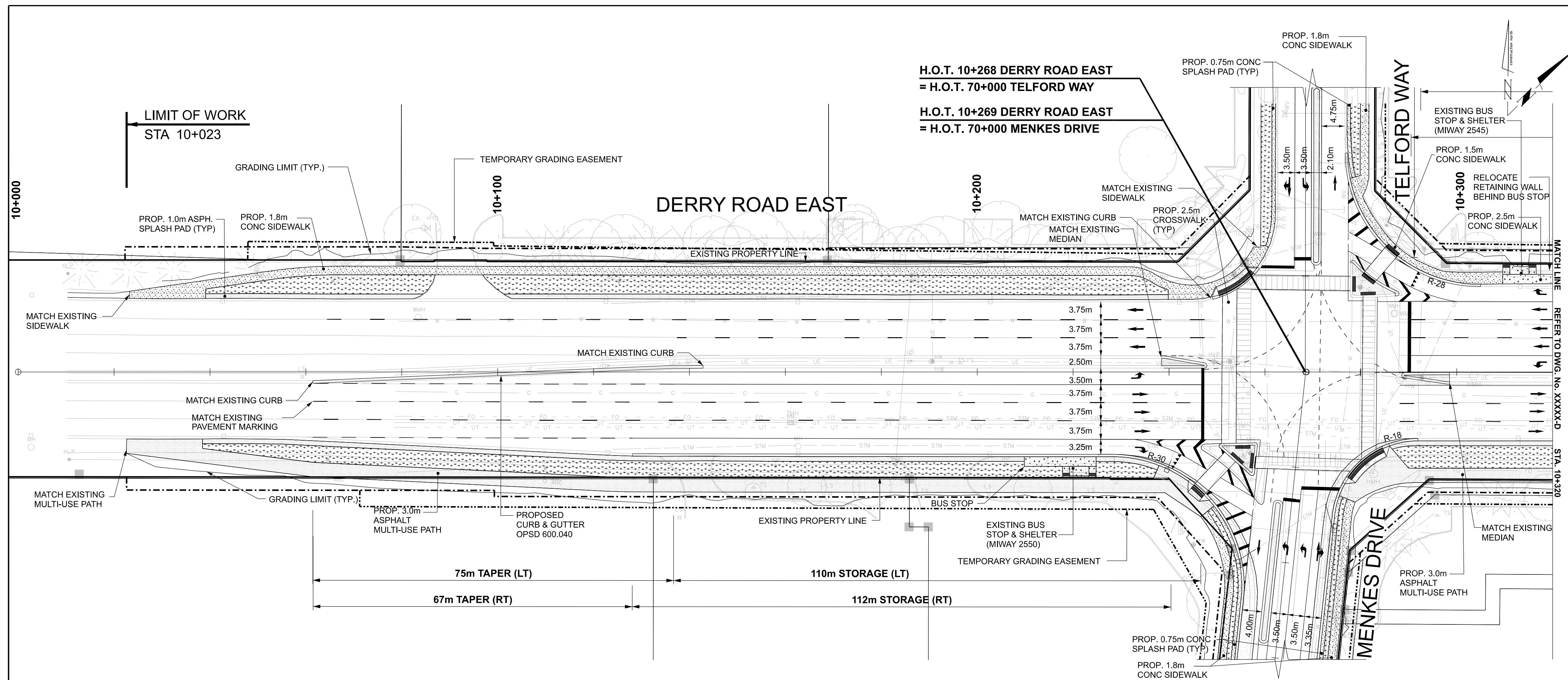
REVISIONS		
DATE	DETAILS	INIT.
APR 12, 2022	ISSUED FOR 30% REVIEW	C.S.

KEY PLAN (N.T.S.)



INDEX
DERRY ROAD E, BRAMALEA ROAD, MENKES DRIVE,
ALSTEP DRIVE, TELFORD WAY, MENWAY COURT

CAD Area	X-XX	Area	X-XX	Project No.	XX-XXXX
Checked by	M.F.	Drawn by	M.K.	Plan No.	XXXXX-D
Date	APRIL 2022	Sheet	1 of 20		



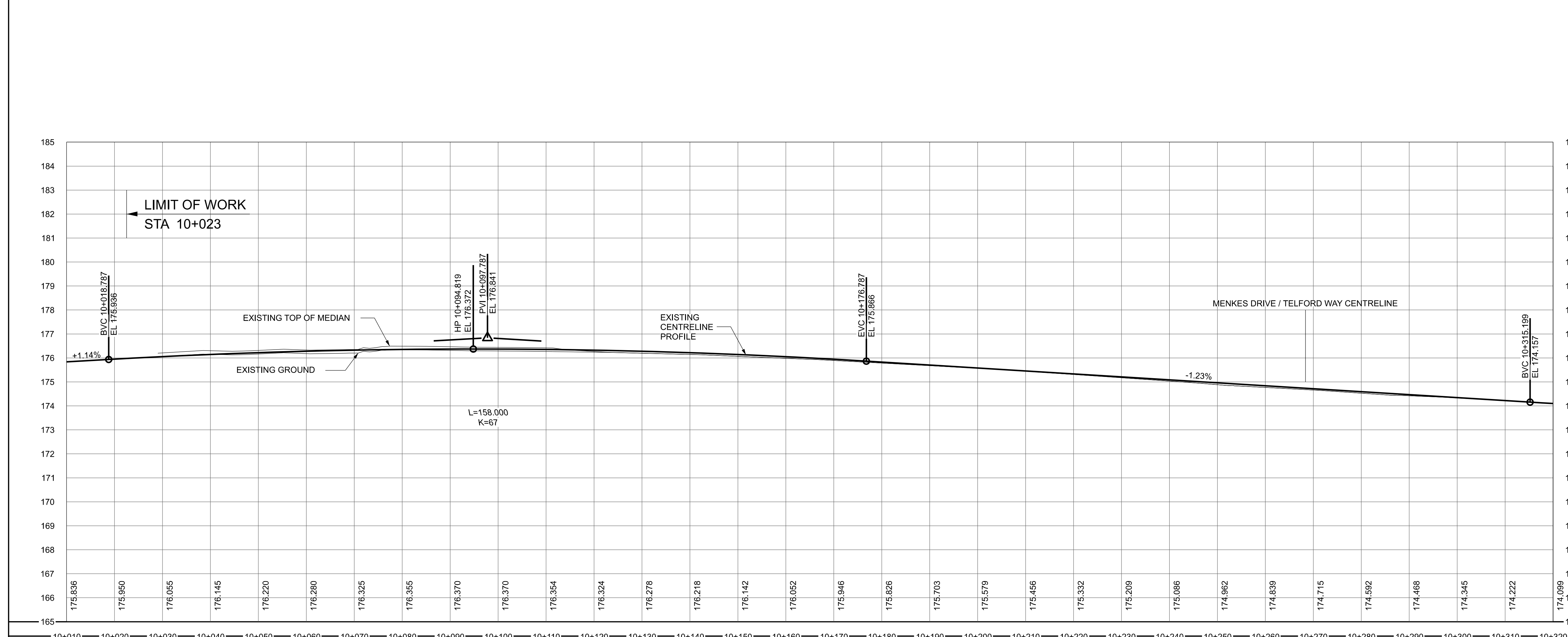
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SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS		
DATE	DETAILS	INIT.
APR 12, 2022	ISSUED FOR 30% REVIEW	

KEY PLAN (N.T.S.)

LEGEND

- ROAD WIDENING
- CONCRETE SIDEWALK/
SPLASH PAD
- ASPHALT MULTI-USE PATH/
SPLASH PAD/MEDIAN
- GRASS AREA
- PARCEL FABRIC
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- W WATERMAIN
- SAN SANITARY SEWER
- STM STORM SEWER



General Notes

All Driveways Are ASPHALT Unless Otherwise Noted
 All Water And Sanitary Service Locations Are Approximate
 And Must Be Located Accurately In The Field
 All Horizontal And Vertical Bends Are In Degrees
 All Pipes Size In mm
 20C Existing Water Service, Size In mm
 WS25 Proposed Water Service, Size In mm
 B.M. No. Description Location
 The Contractor Is Responsible For Locating And Protecting All
 Existing Utilities Prior To And During Construction. Location Of
 Existing Utilities Approximate Only, To Be Verified In Field By Contractor.

Designed by: Chid. Approved by: _____

NOTICE TO CONTRACTOR
 48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL	CABLE TELEVISION/FIBROPTIC PROVIDERS:
CITY OF MISSISSAUGA WORKS DEPT.	BELL CANADA
CITY OF BRAMPTON WORKS DEPT.	ENERSOURCE TELECOM
TOWN OF CALEDON WORKS DEPT.	HYDRO ONE TELECOM
BELL CANADA	ROGERS CABLE
ENBRIDGE INCORPORATED-GAS DISTRIBUTION	ALLSTREAM
ONTARIO MINISTRY OF TRANSPORTATION	PSN (PUBLIC SECTOR NETWORK)
ONTARIO CLEAN WATER AGENCY	FUTUREWAY (FCI BROADBAND)
HYDRO ONE NETWORKS	
ENERSOURCE, HYDRO MISSISSAUGA	
HYDRO ONE BRAMPTON	

10m 0 10 20 30m HORIZONTAL SCALE
 1m 0 1 2 3m VERTICAL SCALE

Region of Peel
working with you

DERRY ROAD EAST
(FROM WEST OF MENKES DR/TEL福德 WAY TO EAST OF BRAMALEA RD)

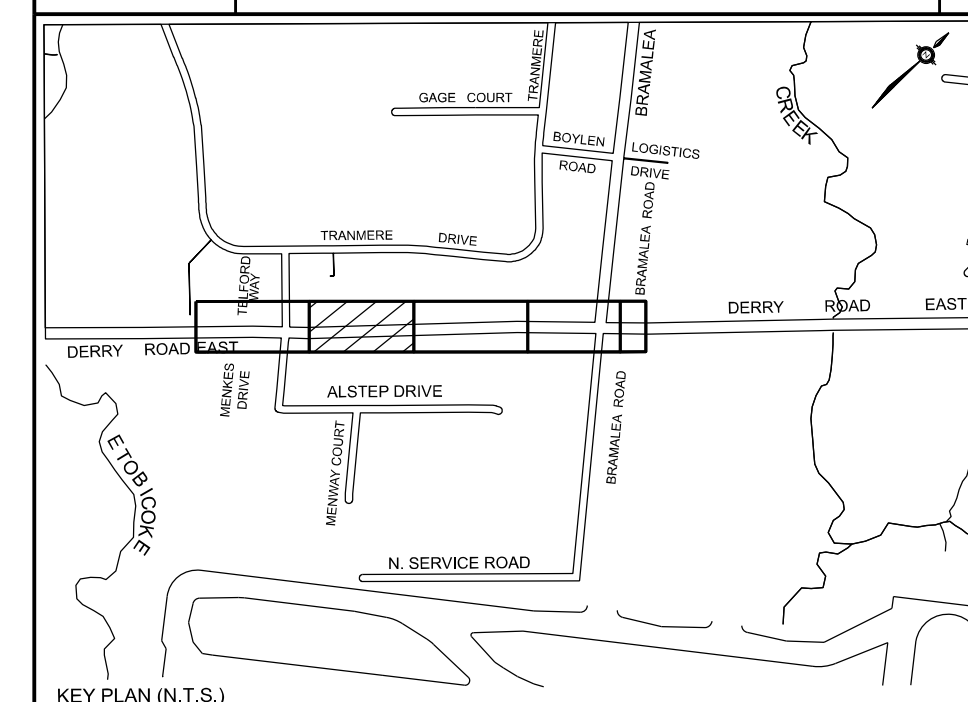
STA. 10+023 TO STA. 10+320

SERVICE DATA

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STORM SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

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LEGEND

- ROAD WIDENING
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- ASPHALT MULTI-USE PATH/ SPLASH PAD/ MEDIAN
- GRASS AREA
- PARCEL FABRIC
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- W WATERMAIN
- SAN SANITARY SEWER
- STM STORM SEWER

General Notes

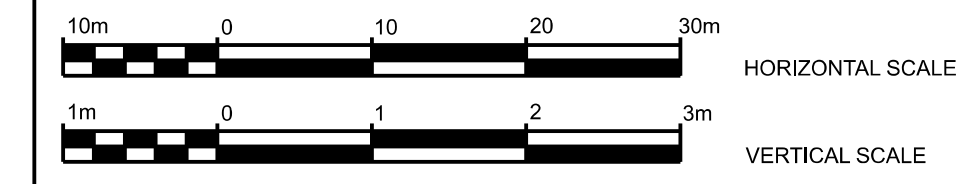
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HYDRO ONE NETWORKS	
ENERSOURCE, HYDRO MISSISSAUGA	
HYDRO ONE BRAMPTON	

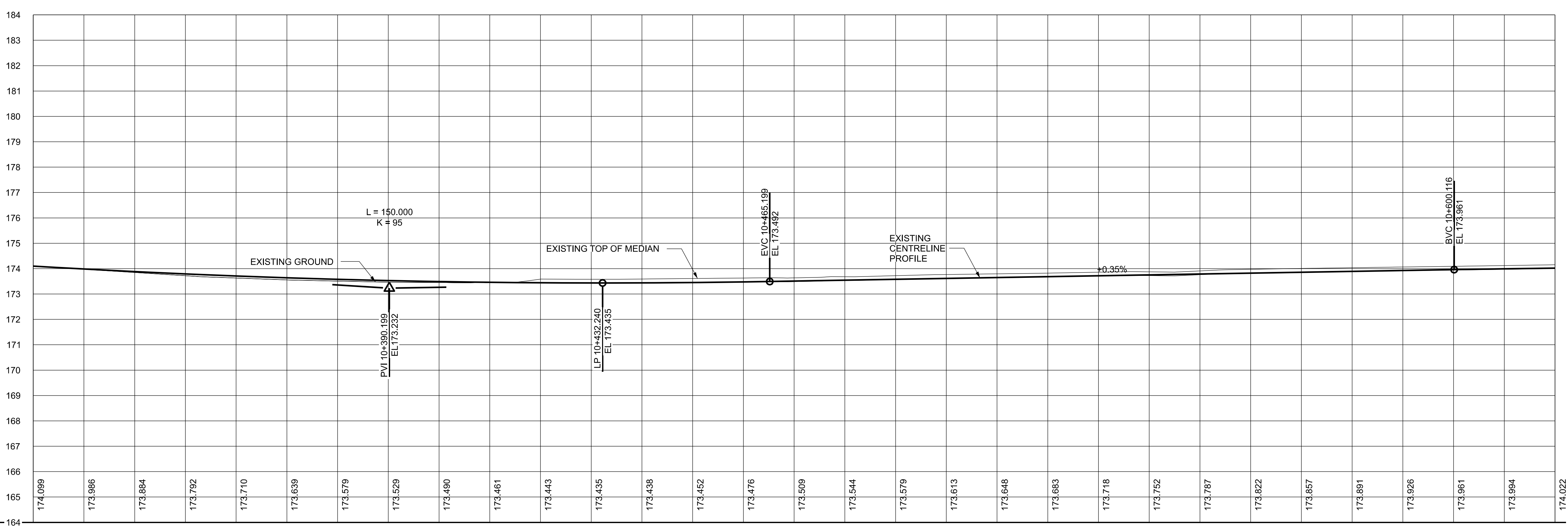
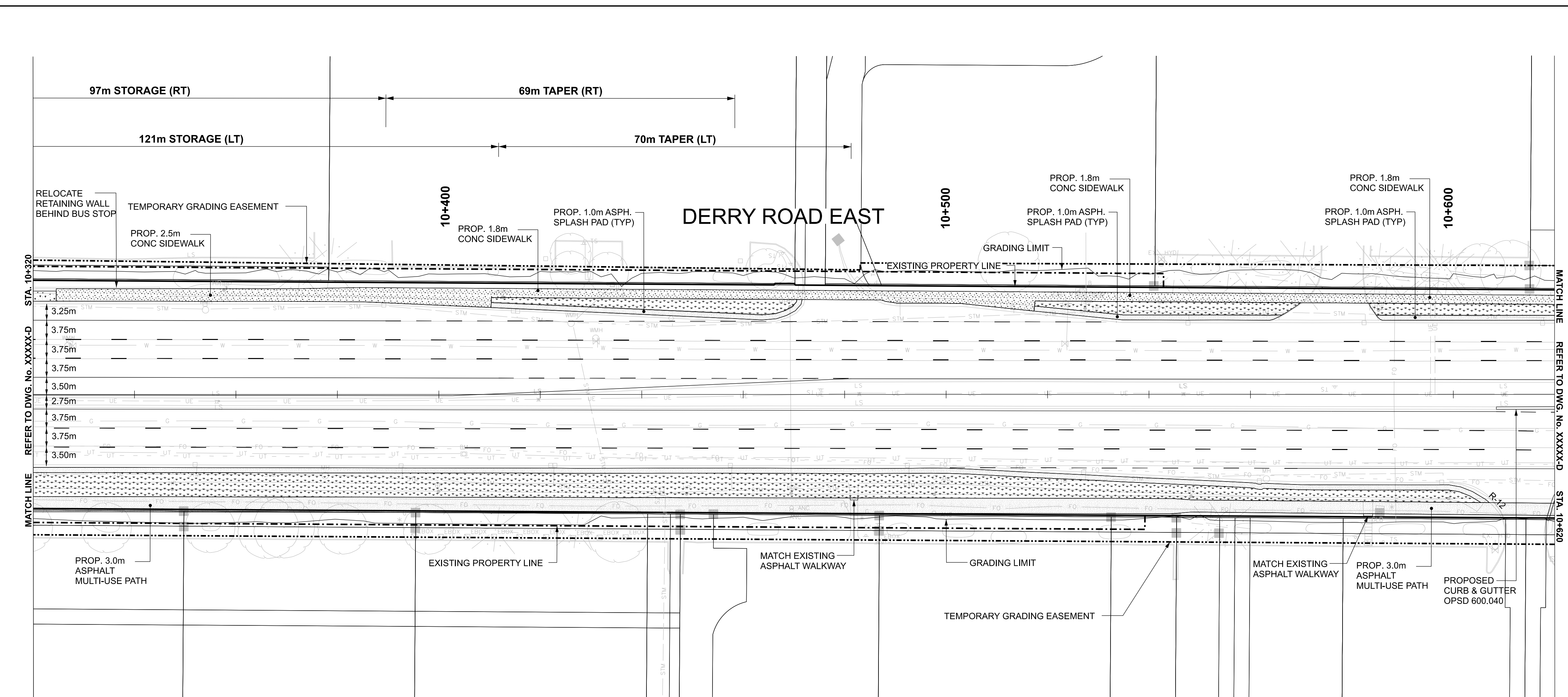


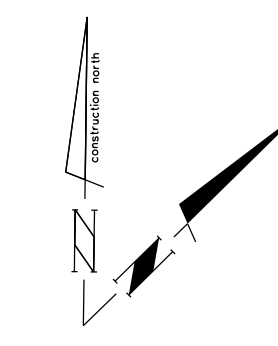
DERRY ROAD EAST

(FROM WEST OF MENKES DR/TELFORD WAY TO EAST OF BRAMALEA RD)

STA. 10+320 TO STA. 10+620

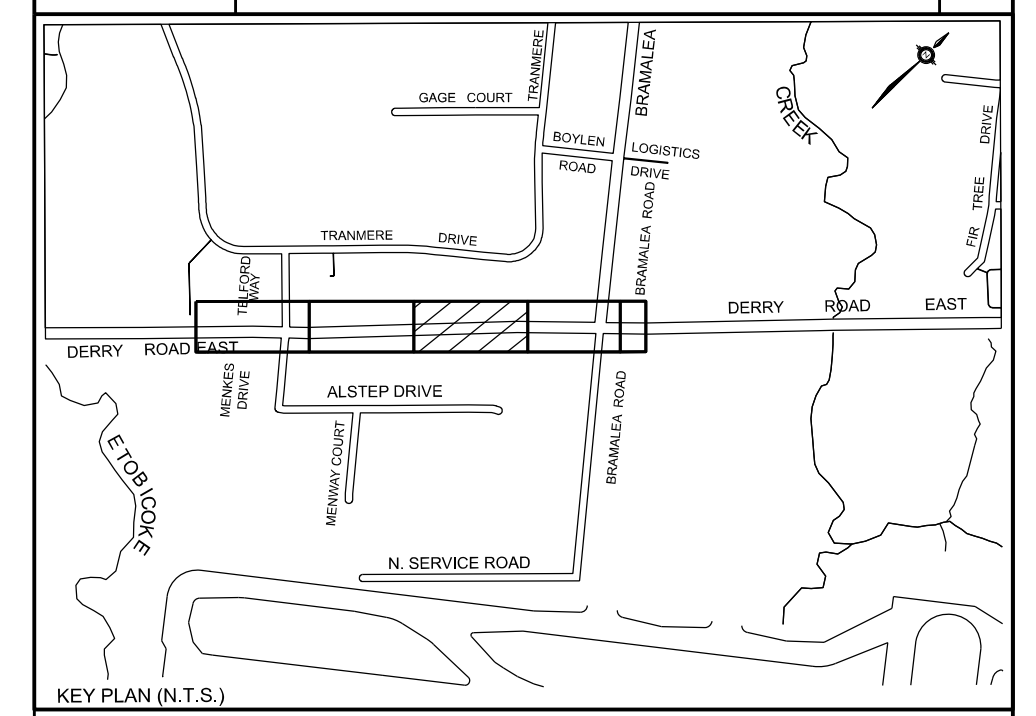
CAD Area	X-XX	Area	X-XX	Project No.	XX-XXXX
Checked by	M.F.	Drawn by	M.K.	Sheet	3 of 20
Date	APRIL 2022	Sheet	3 of 20	Plan No.	XXXXX-D



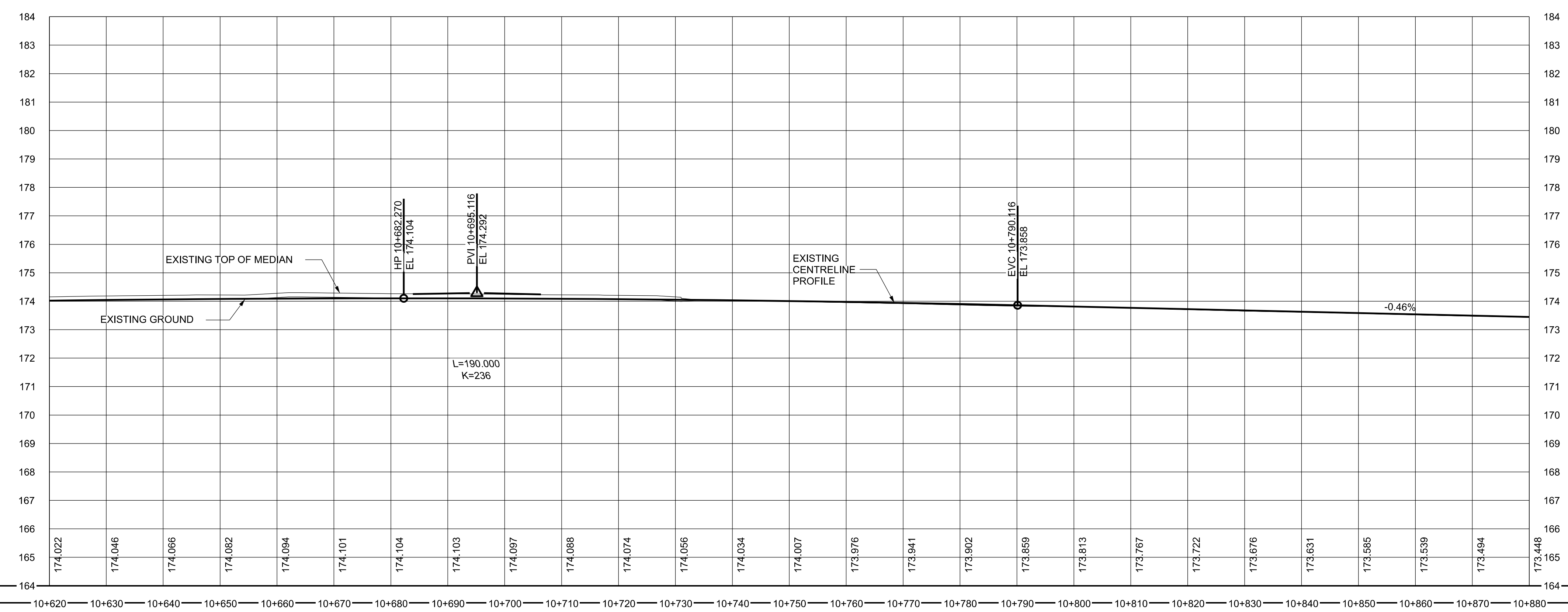
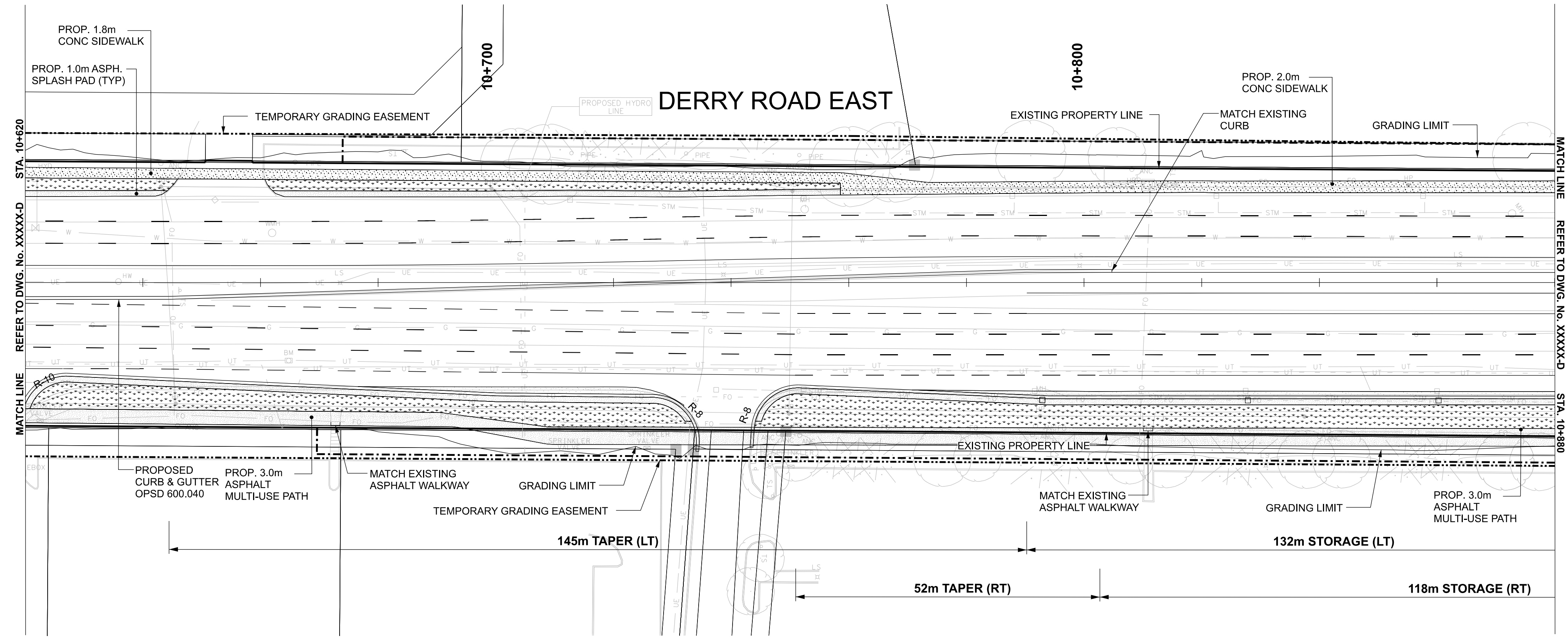


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ONT. CLEAN WATER			COMMUNIC. CABLES		

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	PARCEL FABRIC
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	W WATERMAIN
	SAN SANITARY SEWER
	STM STORM SEWER



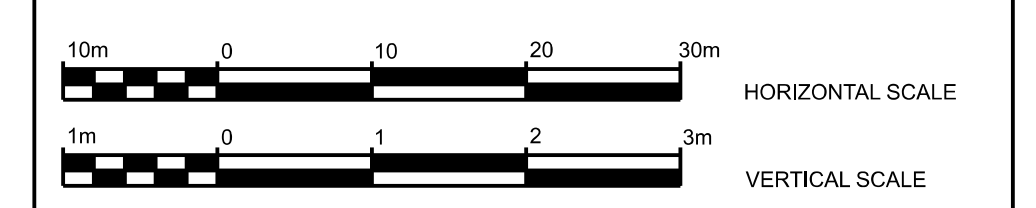
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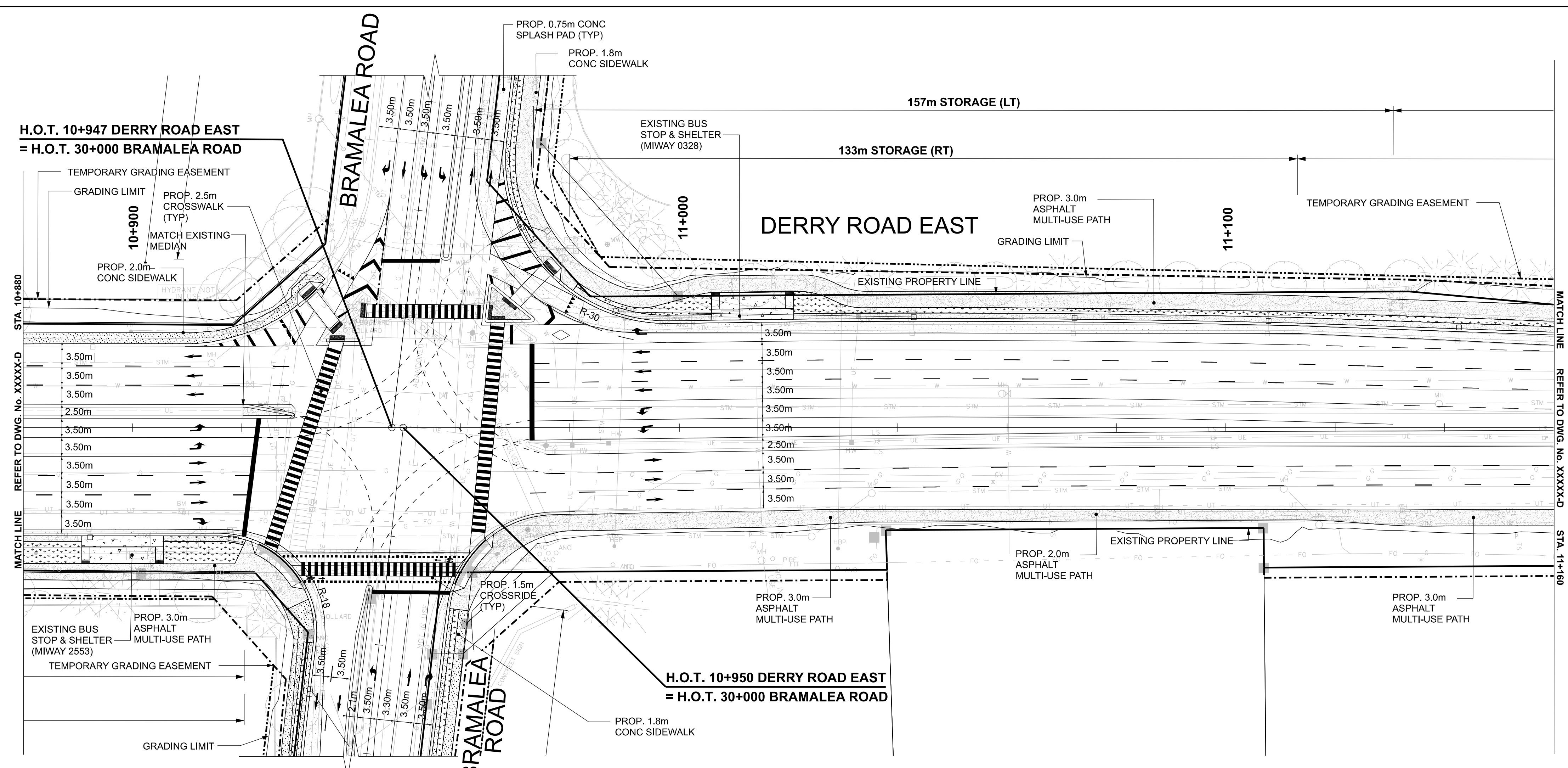
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ENERSOURCE, HYDRO MISSISSAUGA	
HYDRO ONE BRAMPTON	



Region of Peel
 working with you

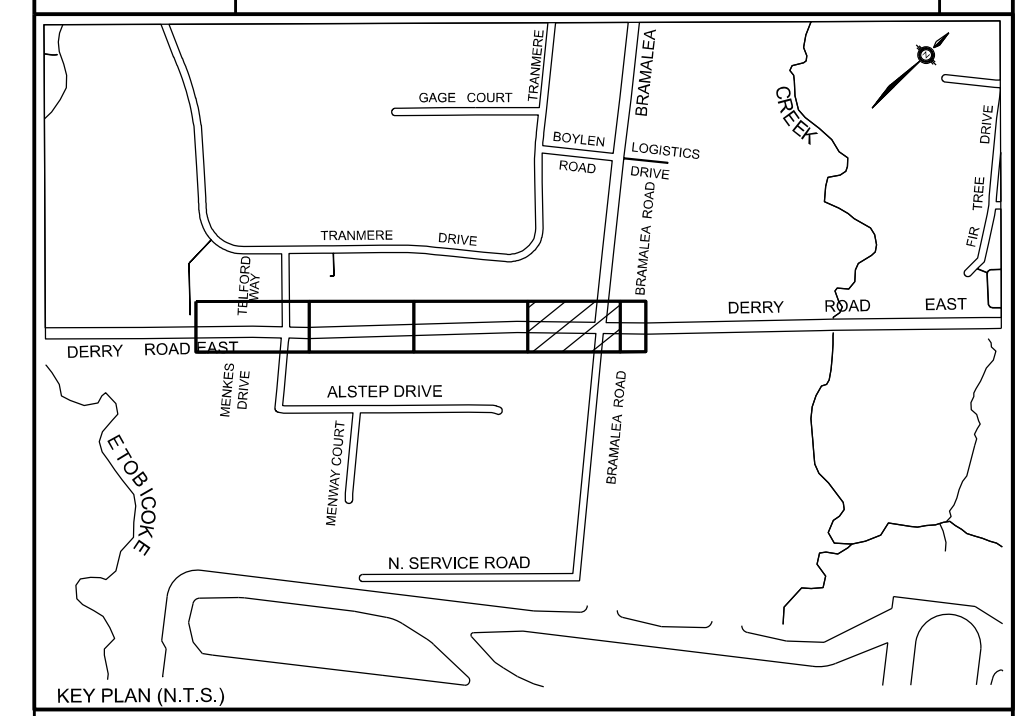
DERRY ROAD EAST
 (FROM WEST OF MENKES DR/TELFORD WAY TO EAST OF BRAMALEA RD)

STA. 10+620		TO STA. 10+880	
CAD Area	X-XX	Area	X-XX
Checked by	M.F.	Drawn by	M.K.
Date	APRIL 2022	Sheet	4 of 20
Project No.	XX-XXXX	Plan No.	XXXX-D

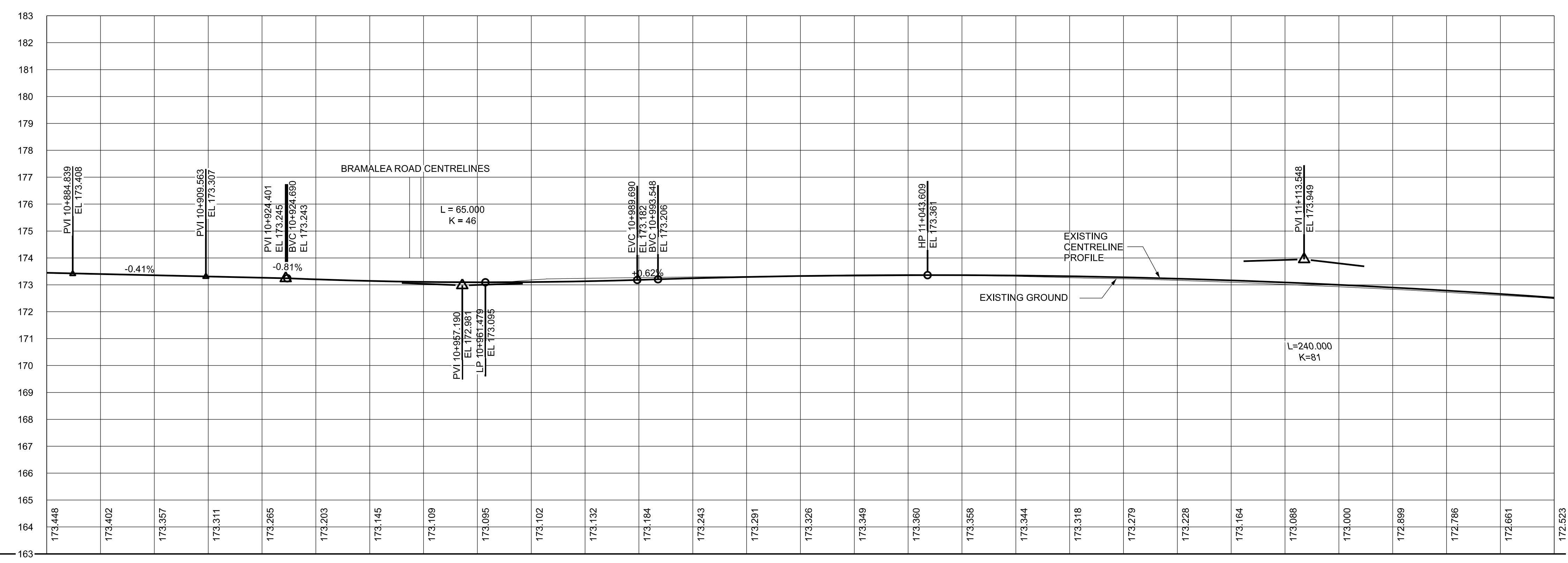


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LEGEND	
[Symbol]	ROAD WIDENING
[Symbol]	CONCRETE SIDEWALK/ SPLASH PAD
[Symbol]	ASPHALT MULTI-USE PATH/ SPLASH PAD/ MEDIAN
[Symbol]	GRASS AREA
[Symbol]	PARCEL FABRIC
[Symbol]	EXISTING RIGHT OF WAY
[Symbol]	PROPOSED RIGHT OF WAY
[Symbol]	W WATERMAIN
[Symbol]	SAN SANITARY SEWER
[Symbol]	STM STORM SEWER



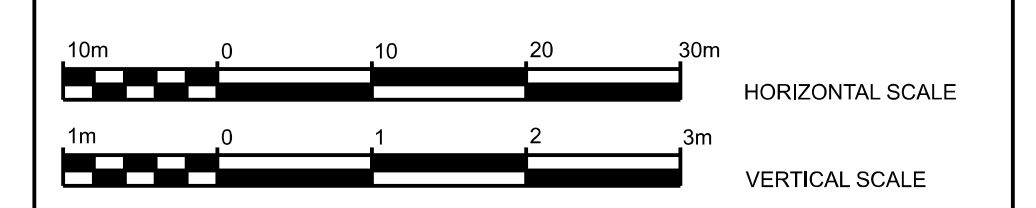
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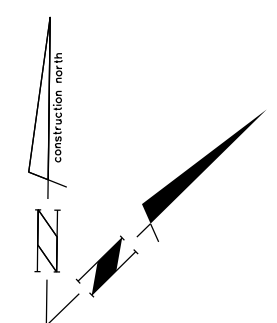
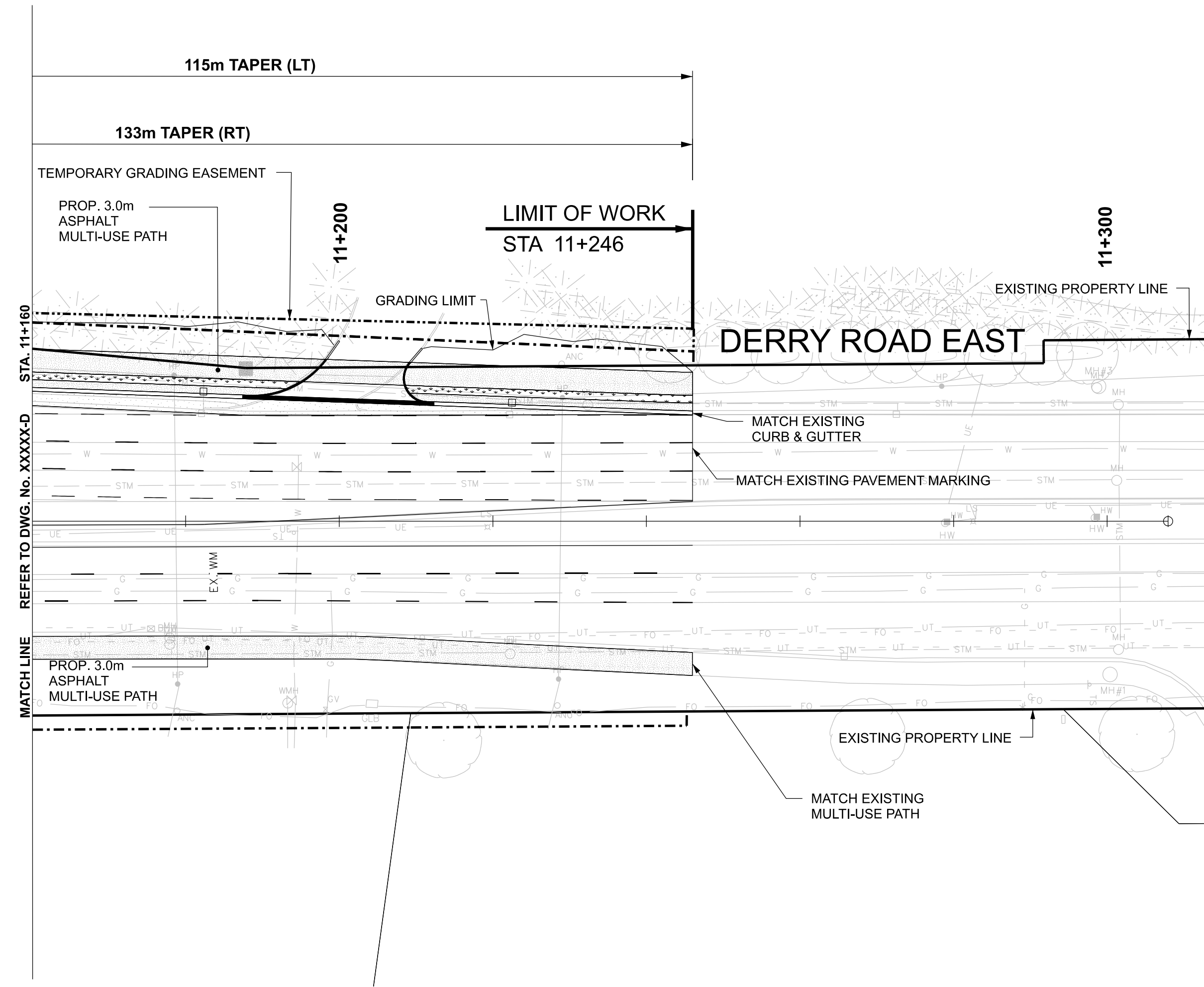
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Region of Peel
 working with you

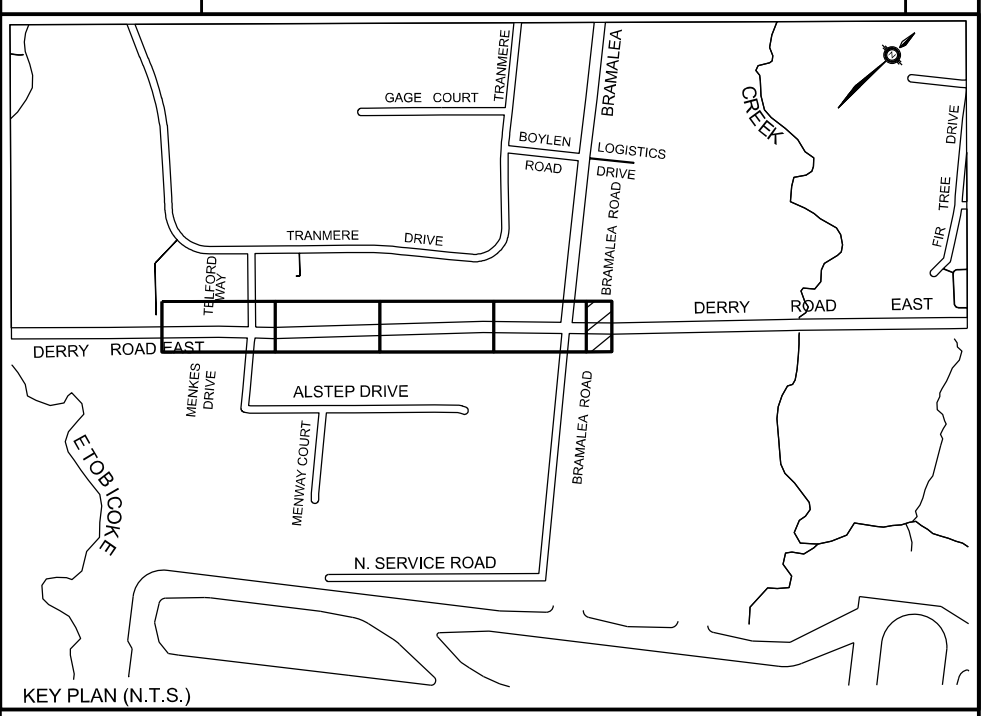
DERRY ROAD EAST
 (FROM WEST OF MENKES DR/TELFORD WAY TO EAST OF BRAMALEA RD)

STA. 10+880	TO STA. 11+160
CAD Area X-XX	Area X-XX
Checked by M.F.	Drawn by M.K.
Date APRIL 2022	Sheet 5 of 20
Project No. XX-XXXX	Plan No. XXXX-D



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

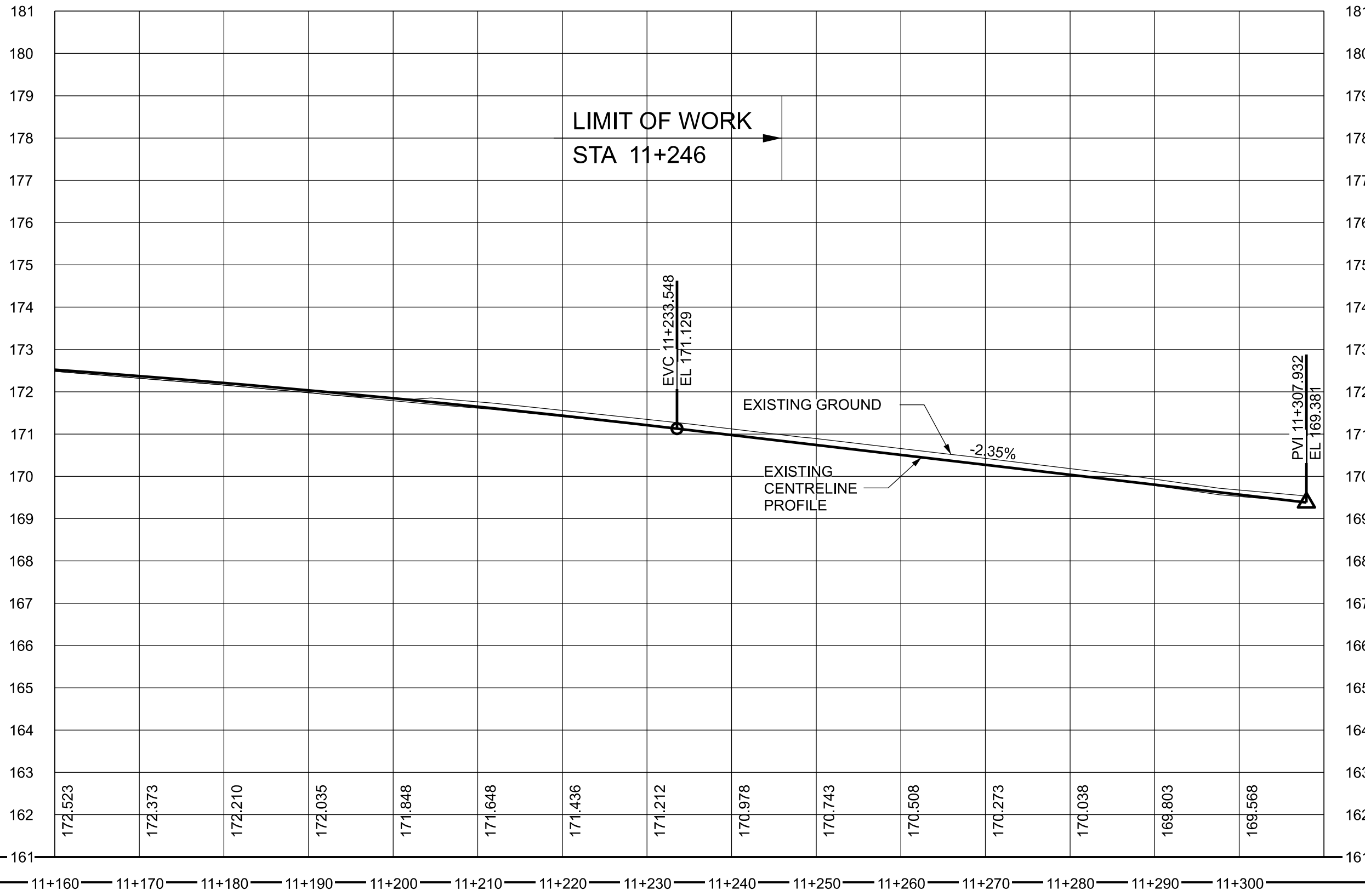
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 B.M. No. Elev.
 Description Location
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Designed by: _____ Chkd. _____
 Approved by: _____

NOTICE TO CONTRACTOR
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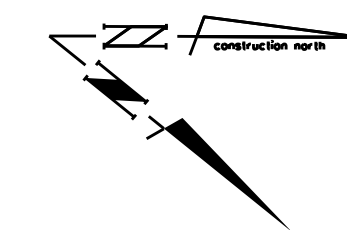
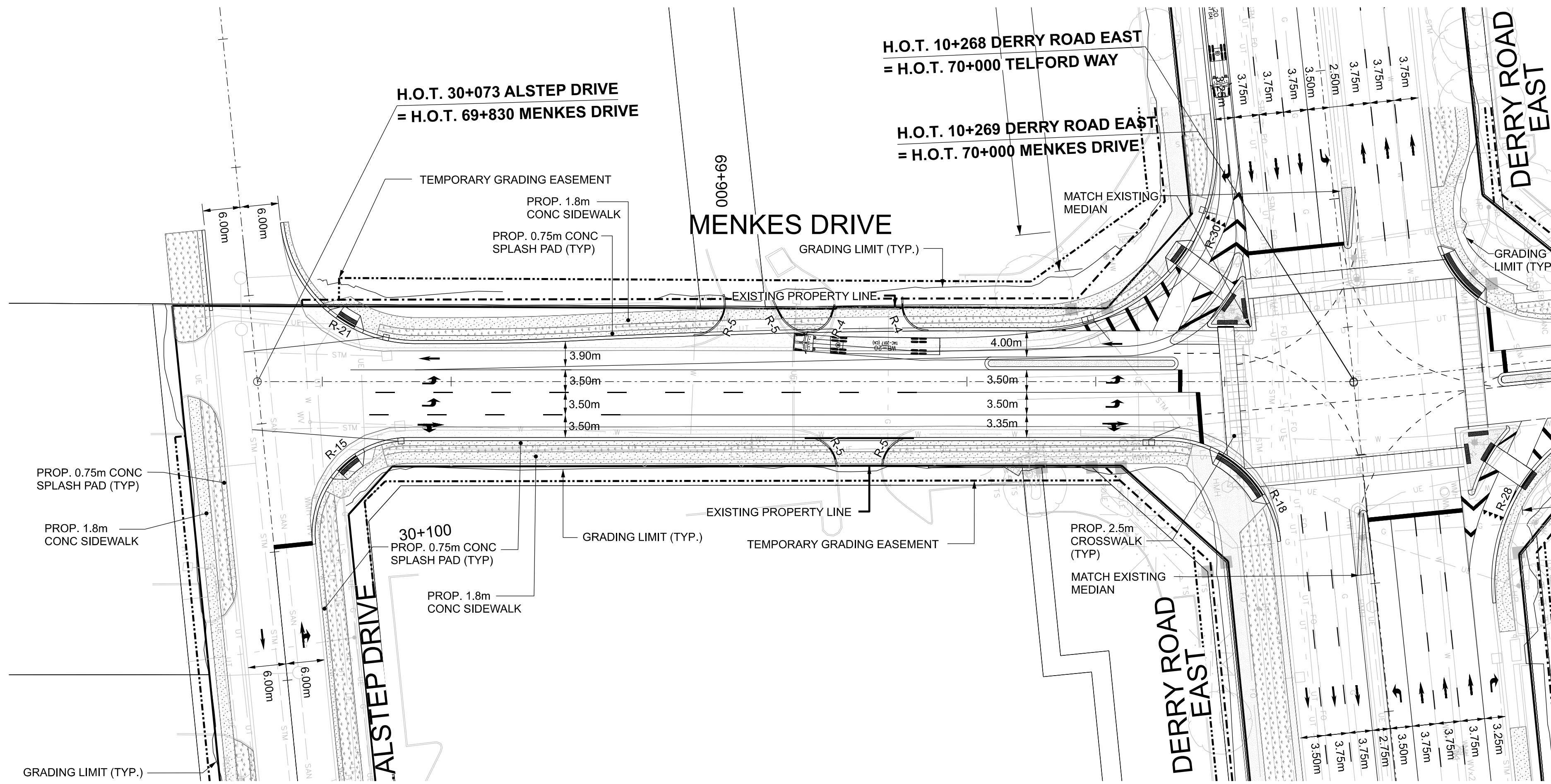
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HYDRO ONE NETWORKS	
ENERSOURCE, HYDRO MISSISSAUGA	
HYDRO ONE BRAMPTON	

10m 0 10 20 30m HORIZONTAL SCALE
 1m 0 1 2 3m VERTICAL SCALE

Region of Peel
 working with you

DERRY ROAD EAST
 (FROM WEST OF MENKES DR/TELFORD WAY TO EAST OF BRAMALEA RD)

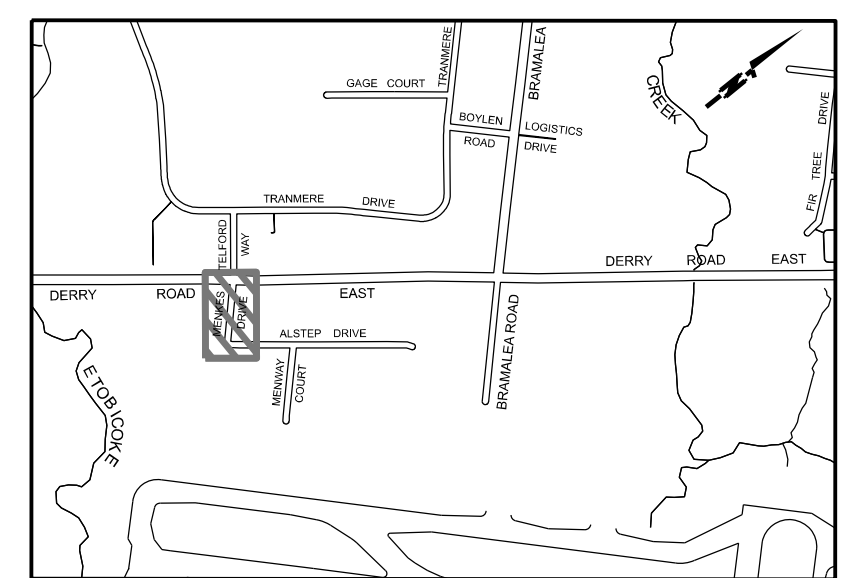
STA. 11+160	TO STA. 0+000
CAD Area X-XX	Area X-XX
Checked by C.G.	Drawn by M.F.
Date APRIL 2022	Sheet 6 of 20
Project No. XX-XXXX	Plan No. XXXX-D



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

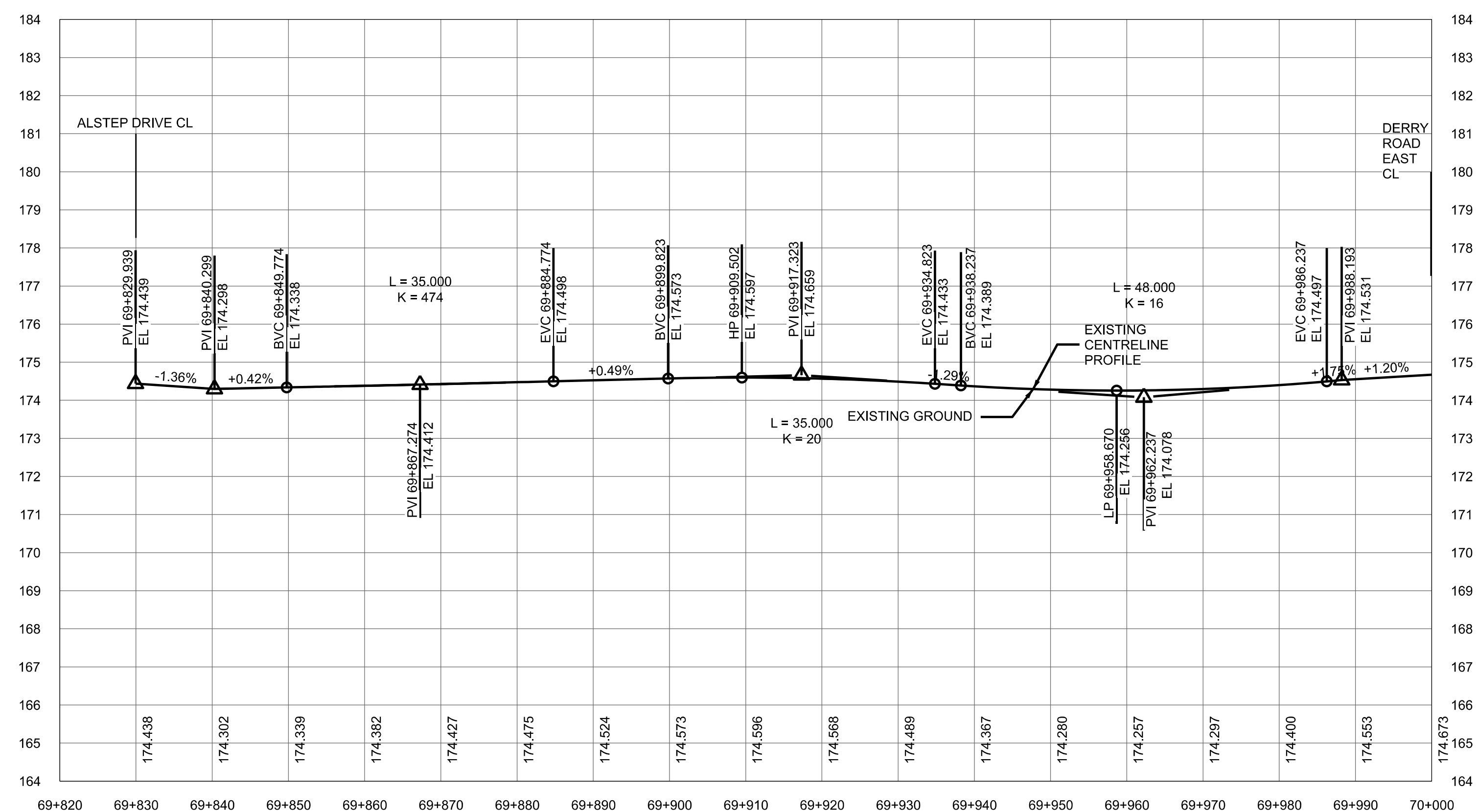
REVISIONS		
DATE	DETAILS	INIT.

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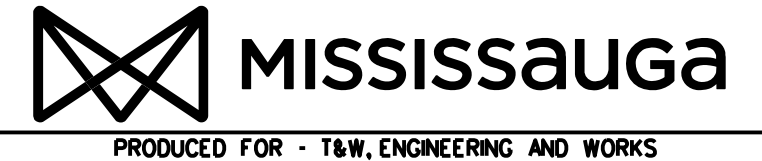


LEGEND

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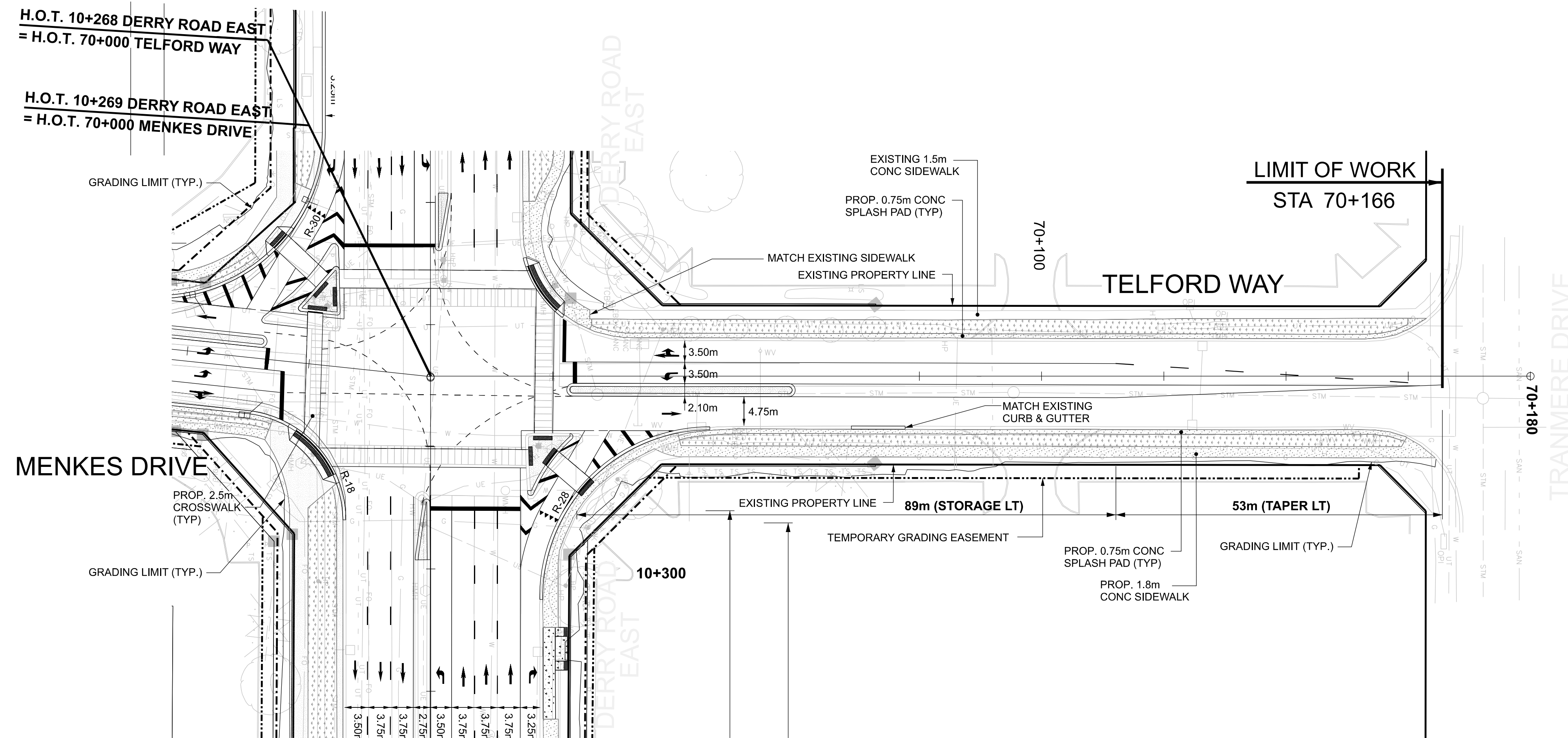


DESIGN BY	APPROVED BY
----- C.E.T.	-----
DEPARTMENTAL APPROVAL	
----- SILVIO CESARRO P.ENG.	-----



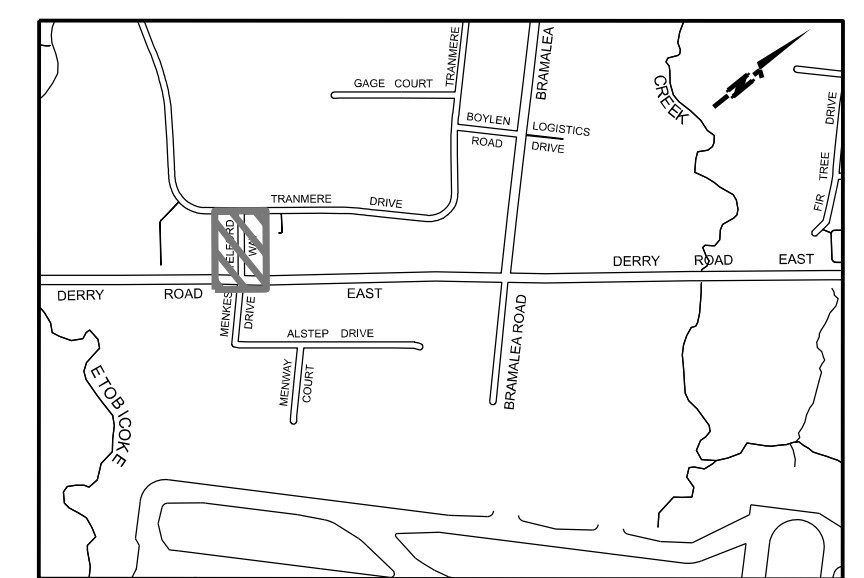
MENKES DRIVE
 (FROM ALSTEP DRIVE TO DERRY ROAD)
 STA 69+830 TO STA 70+000

FINAL RD. GR.	SCALE	HOR. 1:500 VERT. 1:50	AREA	PROJECT No.
EXIST RD. GR.	C.A.D. BY	M.K.	CHECKED BY	M.F.
CHANGAGE	DATE	APRIL 2022	SHEET	07 OF 20
				C-XXXX



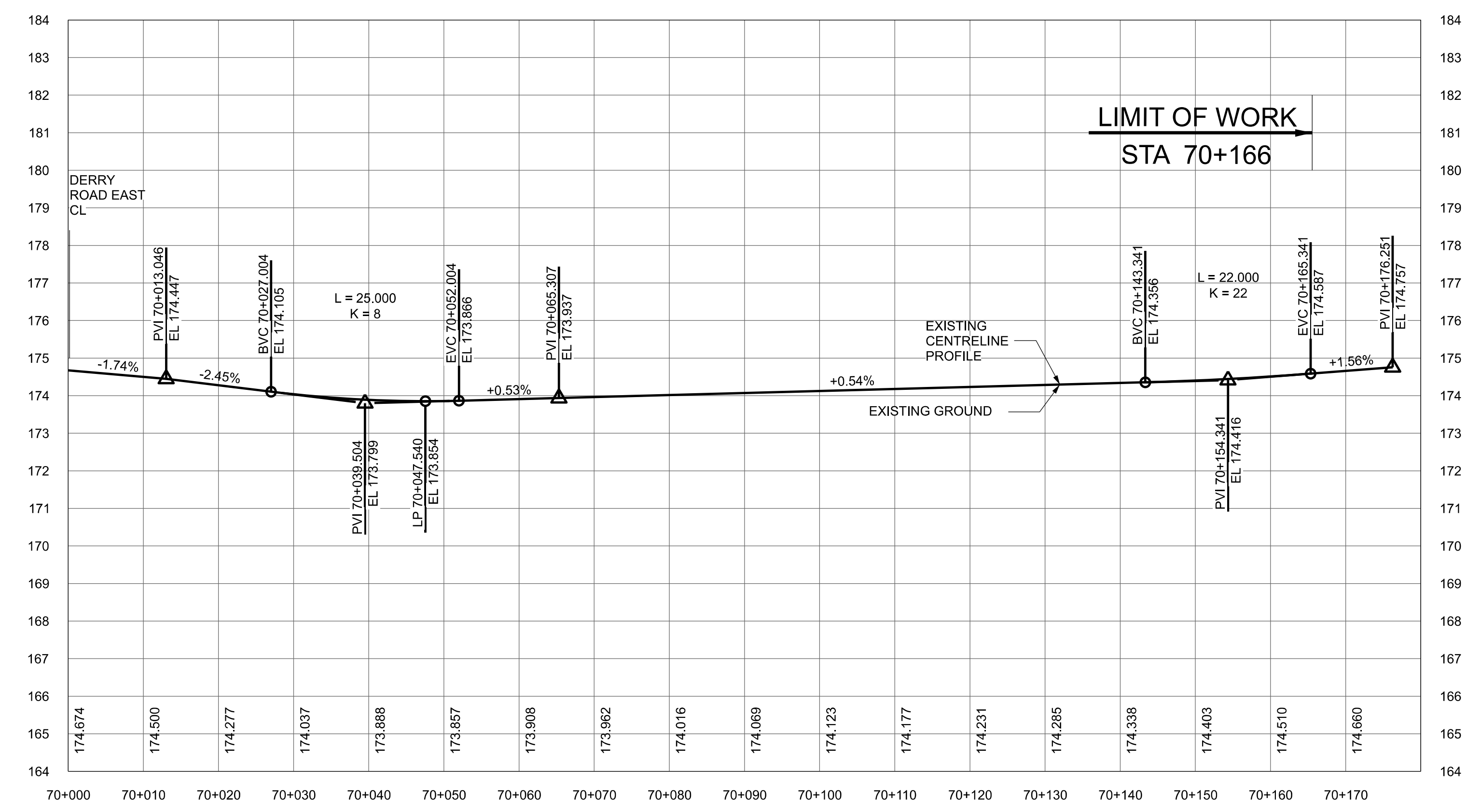
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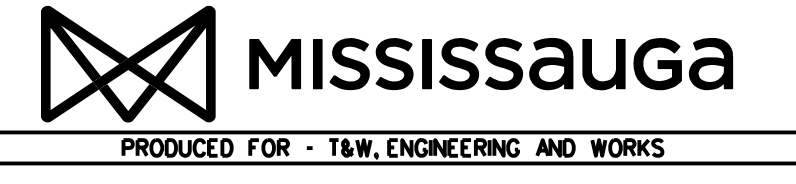


LEGEND

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DESIGN BY	APPROVED BY
----- C.E.T.	-----
DEPARTMENTAL APPROVAL	
----- SILVIO CESARIO P.ENG.	-----



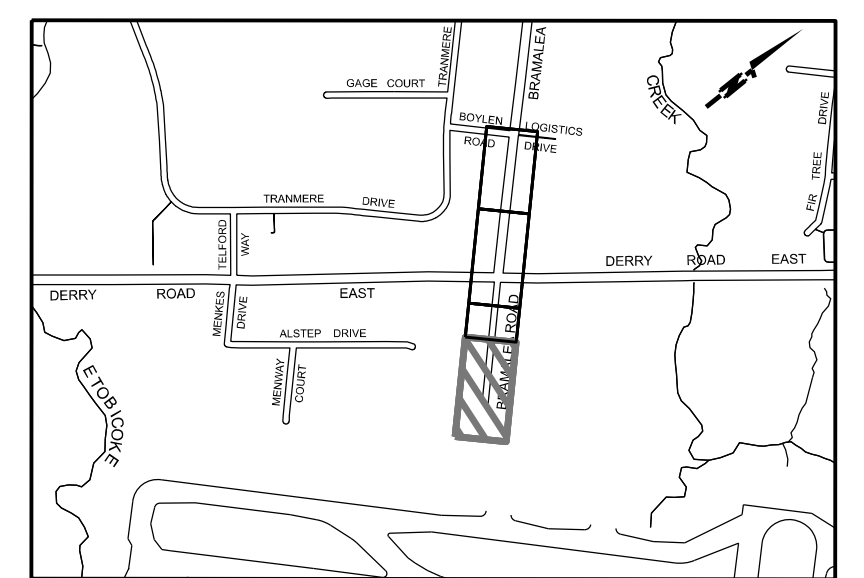
TELFORD WAY
(FROM DERRY ROAD TO TRANMERE DRIVE)
STA 70+000 TO STA 70+166

FINAL RD. GR.	SCALE	HOR 1:500	AREA	AREA	PROJECT No.
EXIST RD. GR.	C.A.D.D. BY	M.K.	CHECKED BY	M.F.	PLAN No.
CHAINAGE	DATE	APRIL 2022	SHEET	08 OF 20	C_XXXX

SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
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STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
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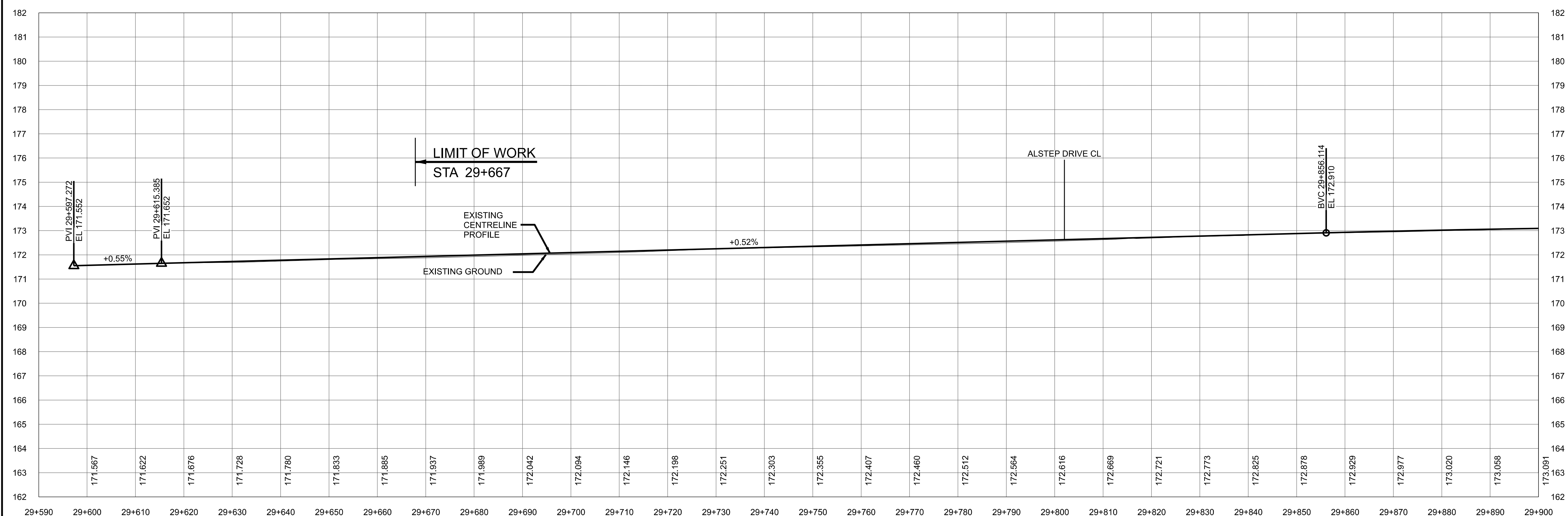
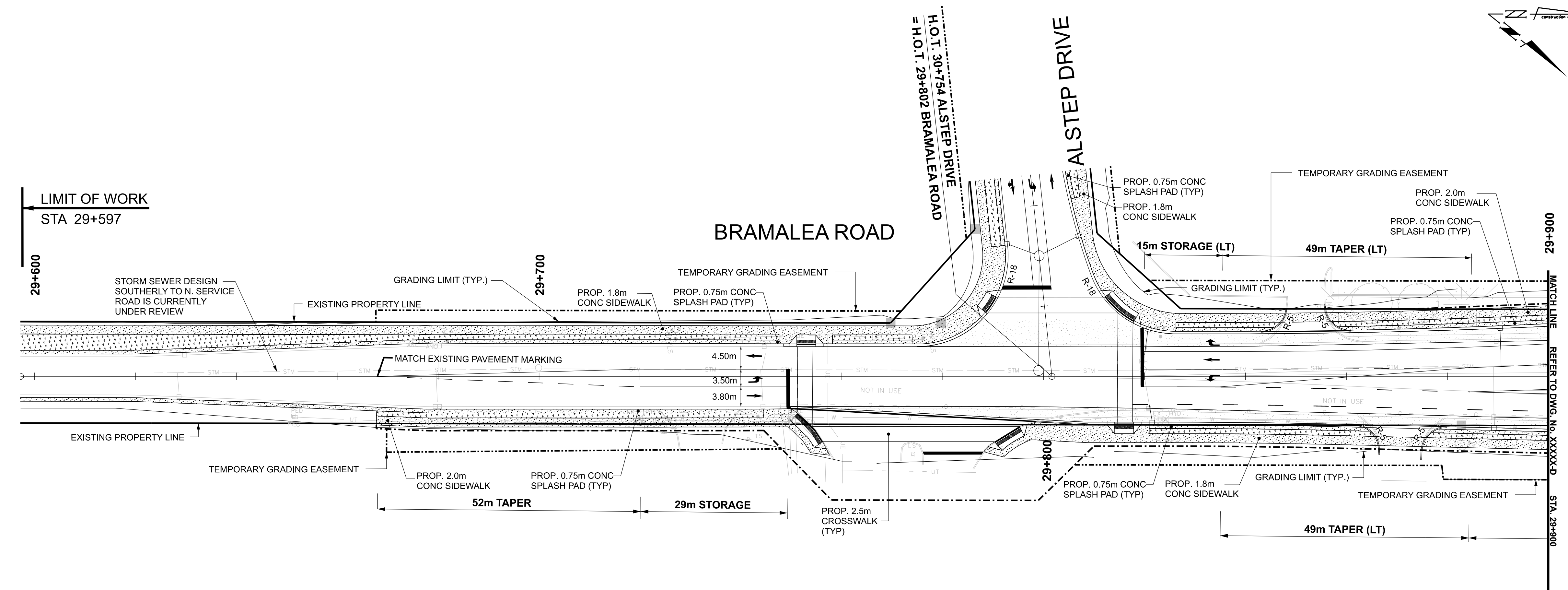
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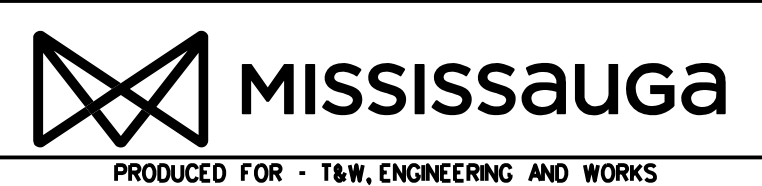


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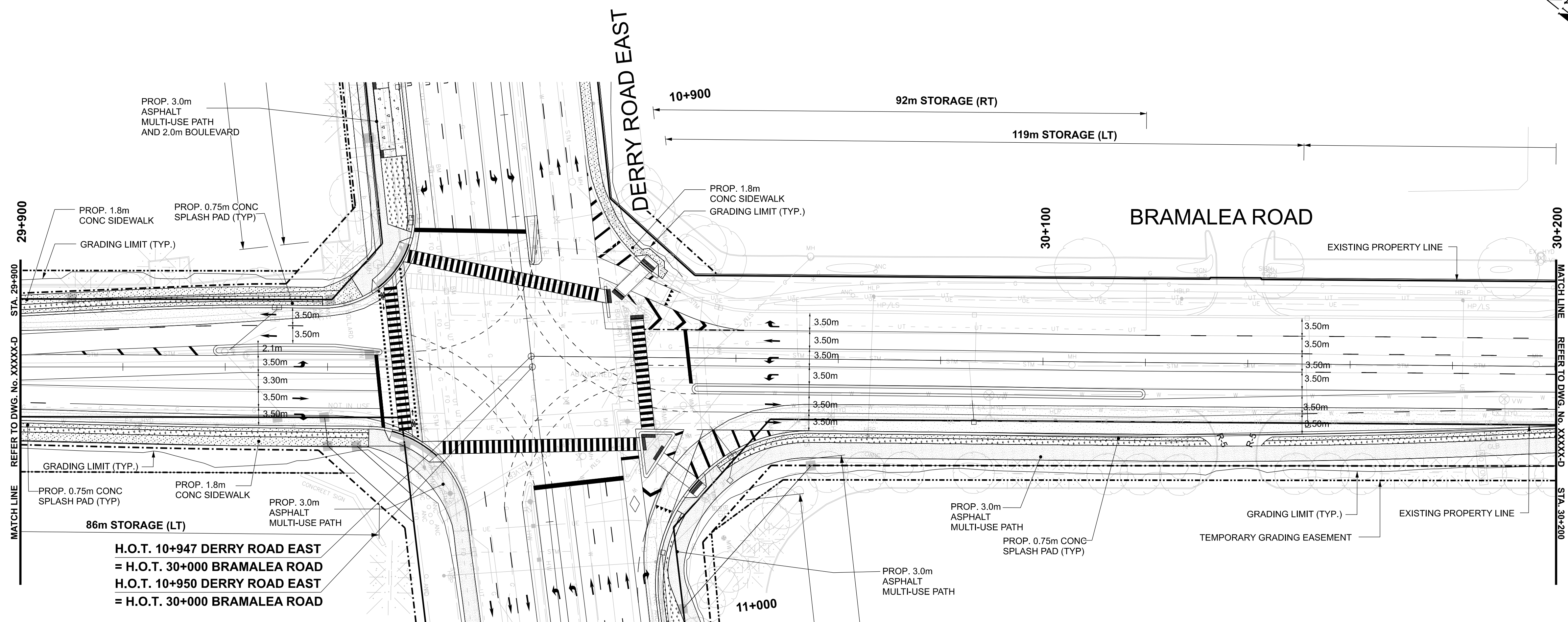


DESIGN BY	APPROVED BY
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C.E.T.	
DEPARTMENTAL APPROVAL	
-----	-----
SILVIO CESARO P.ENG.	



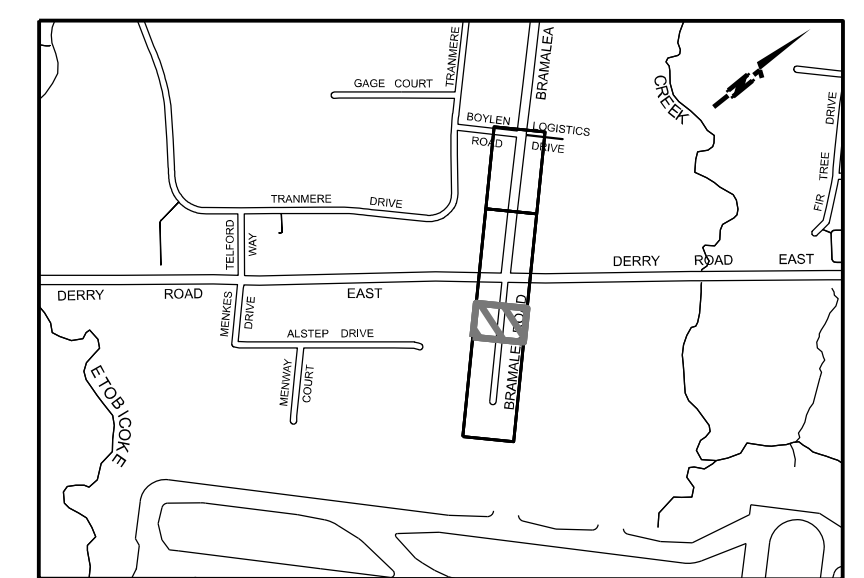
BRAMALEA ROAD
 (FROM ALSTEP DRIVE TO DERRY ROAD)
 STA 29+667 TO STA 29+900

FINAL RD. GR.	SCALE	H.R. 1:500	AREA	PROJECT No.
EXIST RD. GR.	C.A.D. BY	M.K.	CHECKED BY	M.F.
CHANGE	DATE	APRIL 2022	SHEET	09 OF 20
				PLAN No. C_XXXXX



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

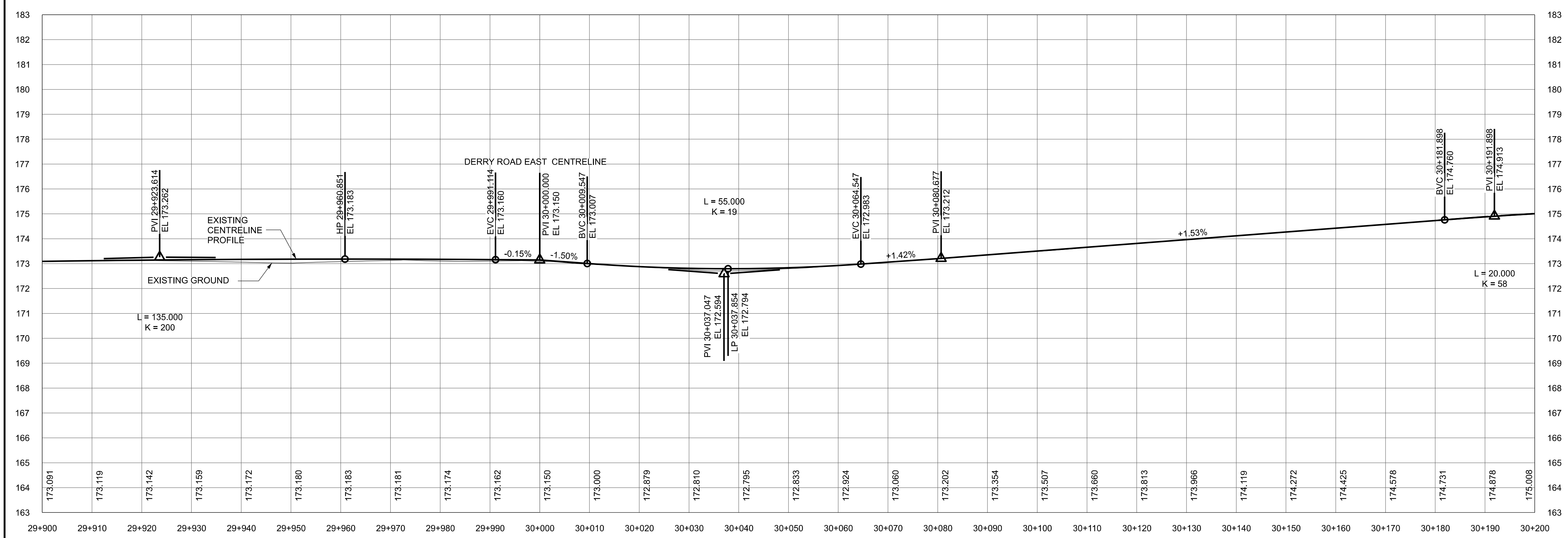
REVISIONS		
DATE	DETAILS	INIT.
APR 12, 2022	ISSUED FOR 30% REVIEW	C.G.



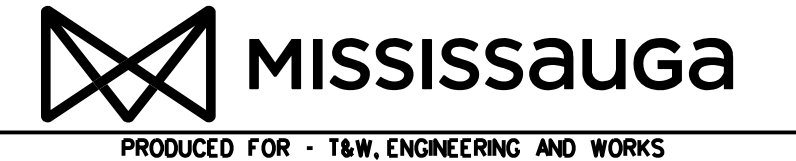
LEGEND

- ROAD WIDENING
- CONCRETE SIDEWALK/ SPLASH PAD
- ASPHALT MULTI-USE PATH/ SPLASH PAD/MEDIAN
- GRASS AREA
- PARCEL FABRIC
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- WATERMAIN
- SANITARY SEWER
- STORM SEWER

H.O.T. 10+947 DERRY ROAD EAST
 = H.O.T. 30+000 BRAMALEA ROAD
 H.O.T. 10+950 DERRY ROAD EAST
 = H.O.T. 30+000 BRAMALEA ROAD

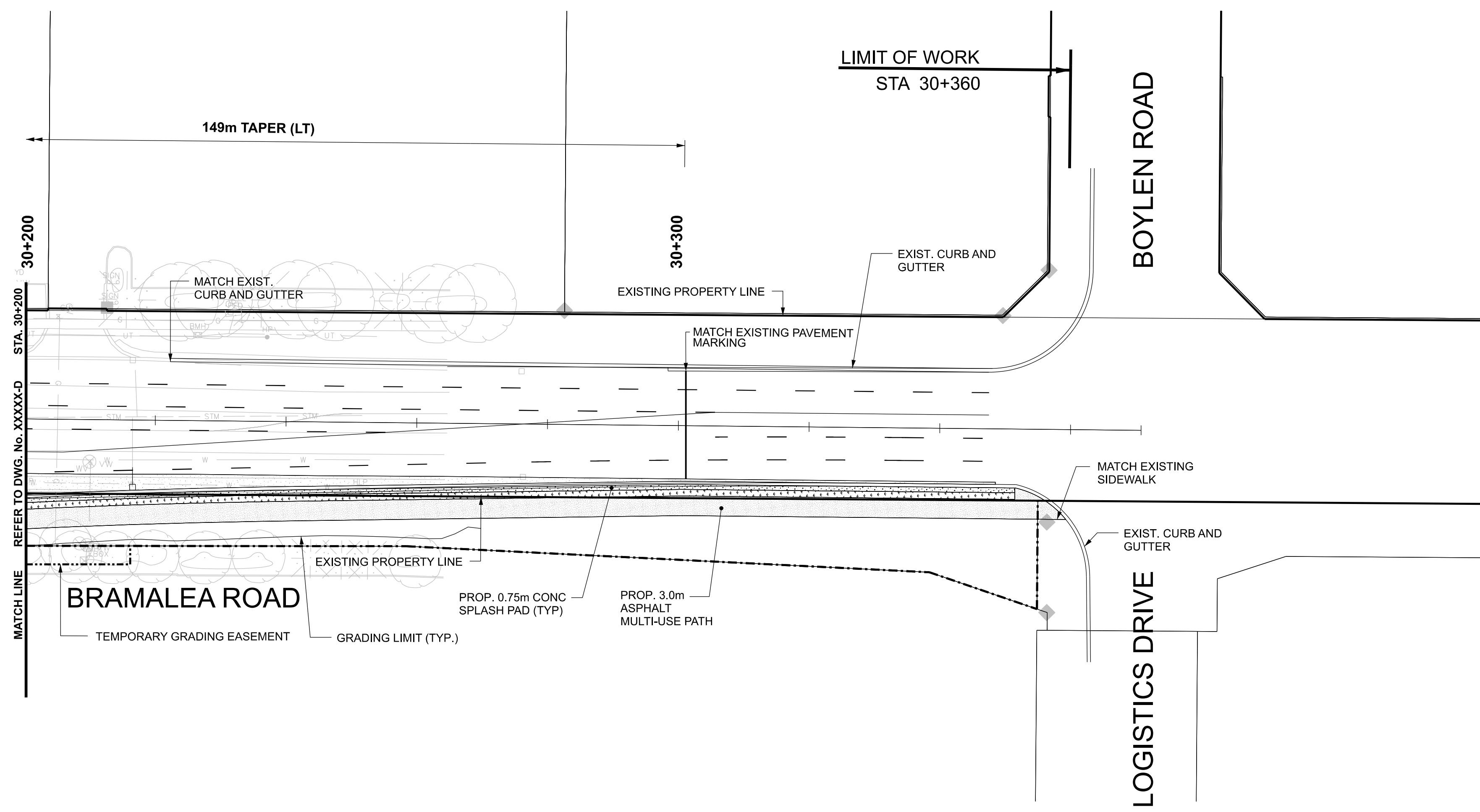
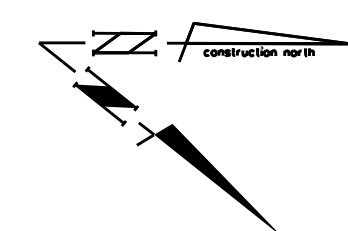


DESIGN BY	APPROVED BY
DEPARTMENTAL APPROVAL	
SILVIO CESARIO P.ENG.	



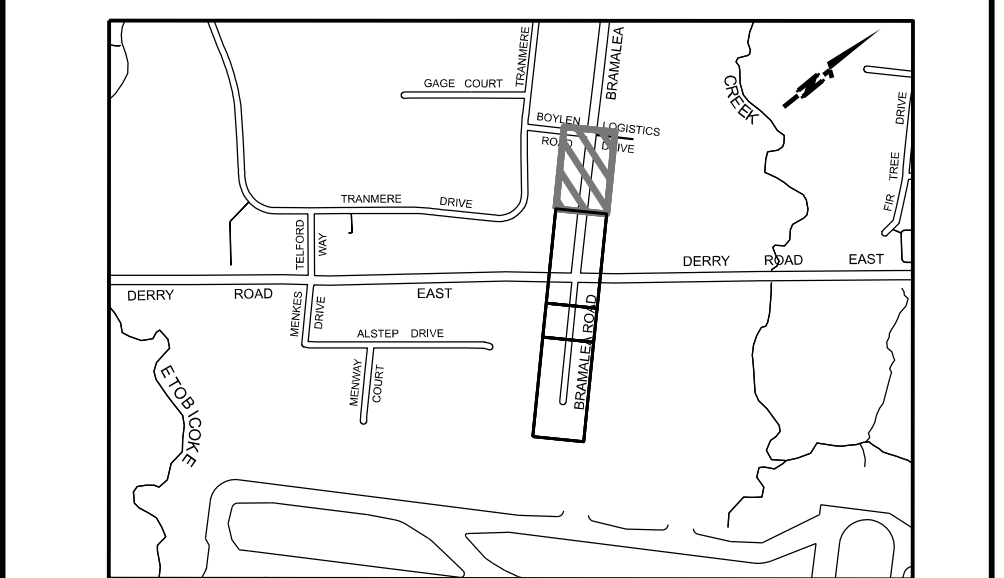
PRODUCED FOR - T&W ENGINEERING AND WORKS
BRAMALEA ROAD
 (FROM ALSTEP DRIVE TO DERRY ROAD)
 STA 29+900 TO STA 30+000

FINAL RD. GR.	SCALE	HORIZ. 1:500	AREA	AREA	PROJECT No.
EXIST. RD. GR.	C.A.D.D. BY	M.K.	CHECKED BY	M.F.	PLAN No.
CHAINAGE	DATE	APRIL 2022	SHEET	10 OF 20	C_XXXX



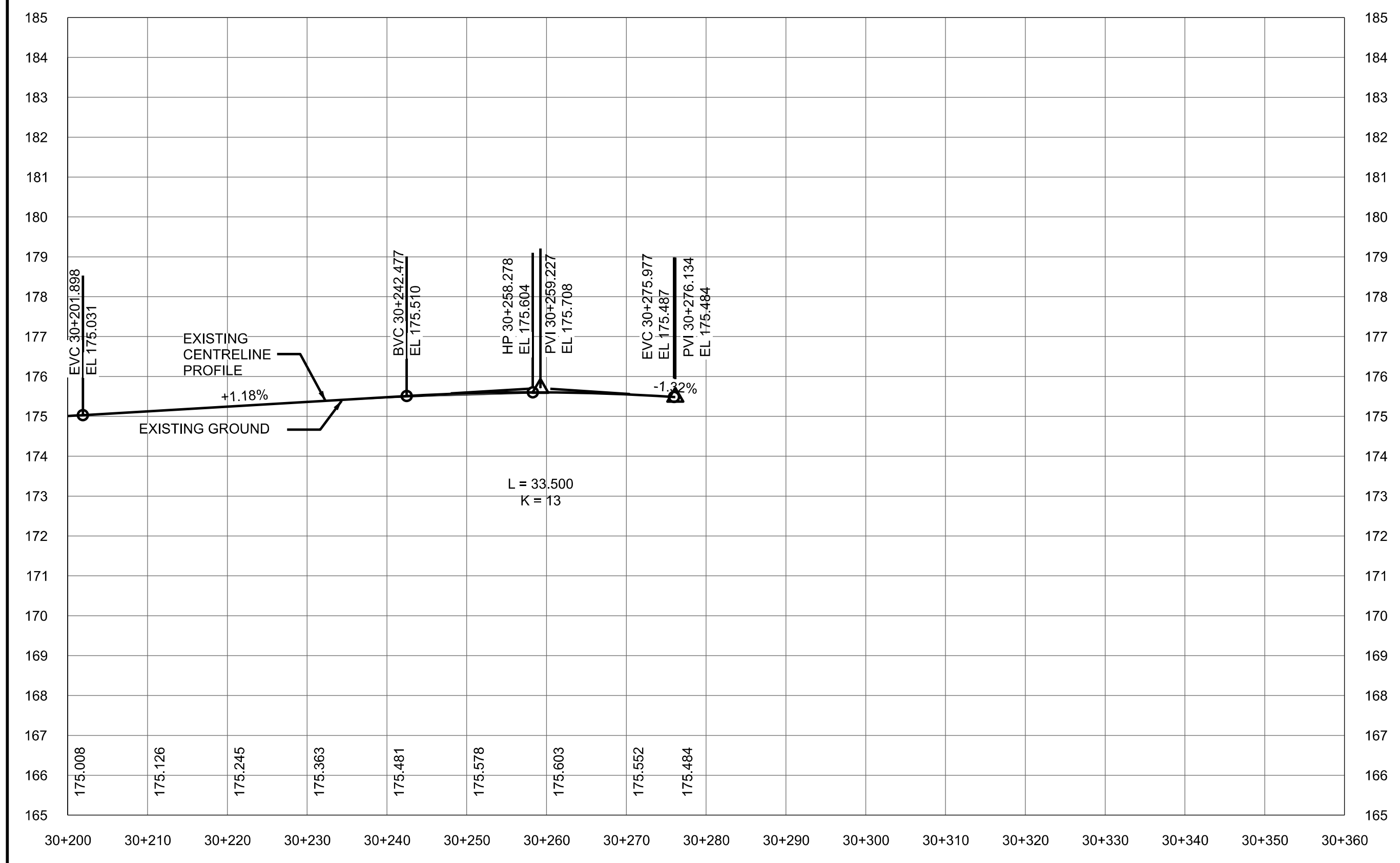
SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

REVISIONS		
DATE	DETAILS	INIT.



LEGEND

- ROAD WIDENING
- CONCRETE SIDEWALK/ SPLASH PAD
- ASPHALT MULTI-USE PATH/ SPLASH PAD/ MEDIAN
- GRASS AREA
- PARCEL FABRIC
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- W WATERMAIN
- SAN SANITARY SEWER
- STM STORM SEWER



DESIGN BY	APPROVED BY
----- C.E.T.	-----
DEPARTMENTAL APPROVAL	
----- SILVIO CESARIO P.ENG.	-----

MISSISSAUGA

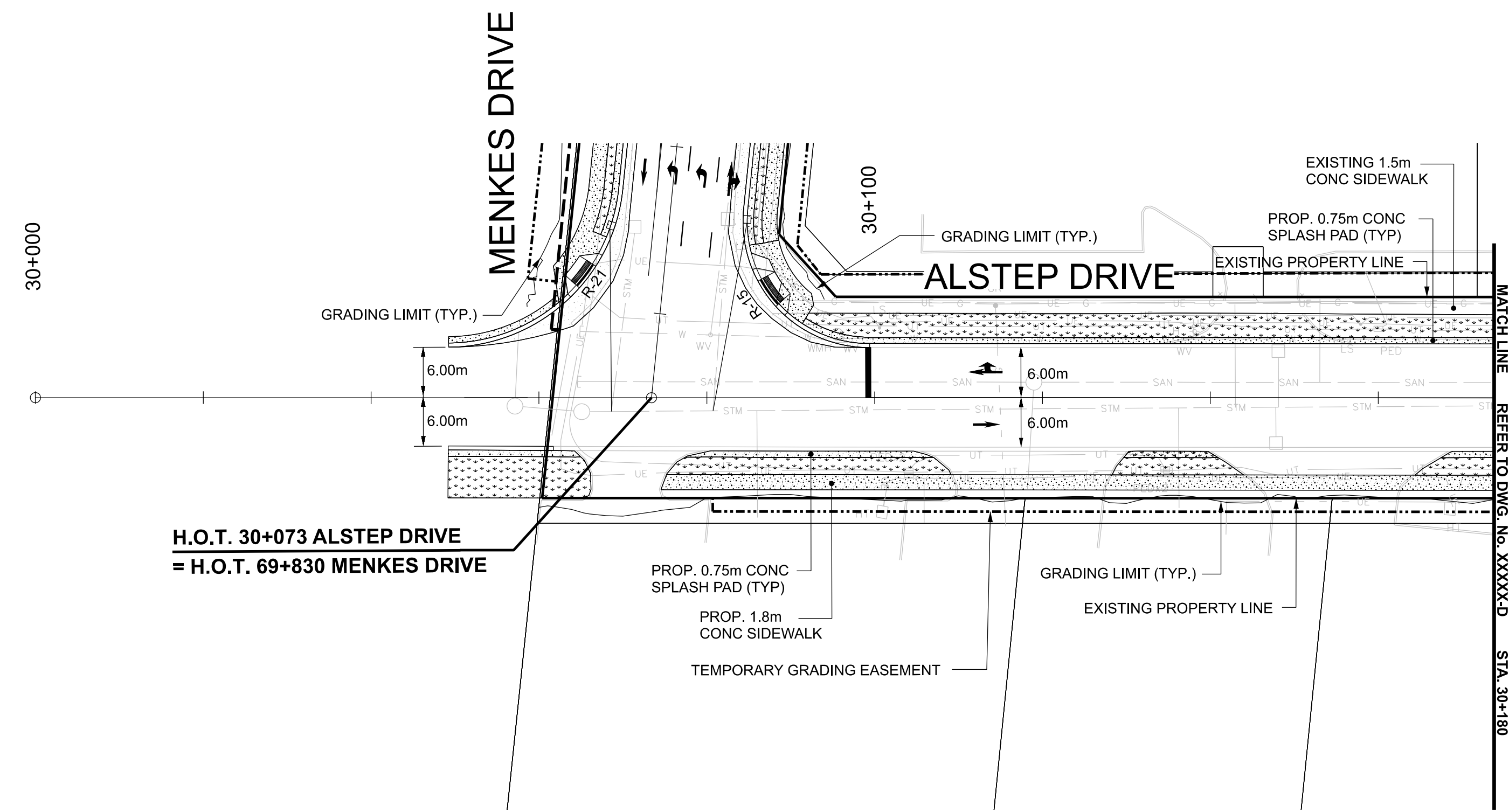
PRODUCED FOR - T&W ENGINEERING AND WORKS

BRAMALEA ROAD

(FROM DERRY RD TO LOGISTICS DR/BOYLEN RD)

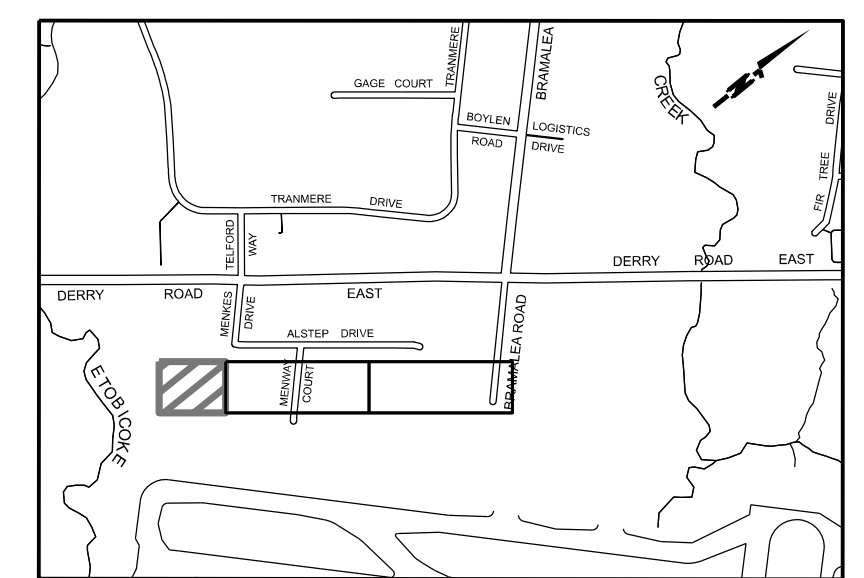
STA 30+200 TO STA 30+360

FINAL RD. GR.	SCALE	HOR. 1:500	AREA	PROJECT No.
EXIST RD. GR.	C.A.D.D. BY	VERT. 1:50	M.K.	CHECKED BY
CHAINAGE	DATE	APRIL 2022	M.F.	PLAN No.
	SHEET	11 OF 20		C_XXXX



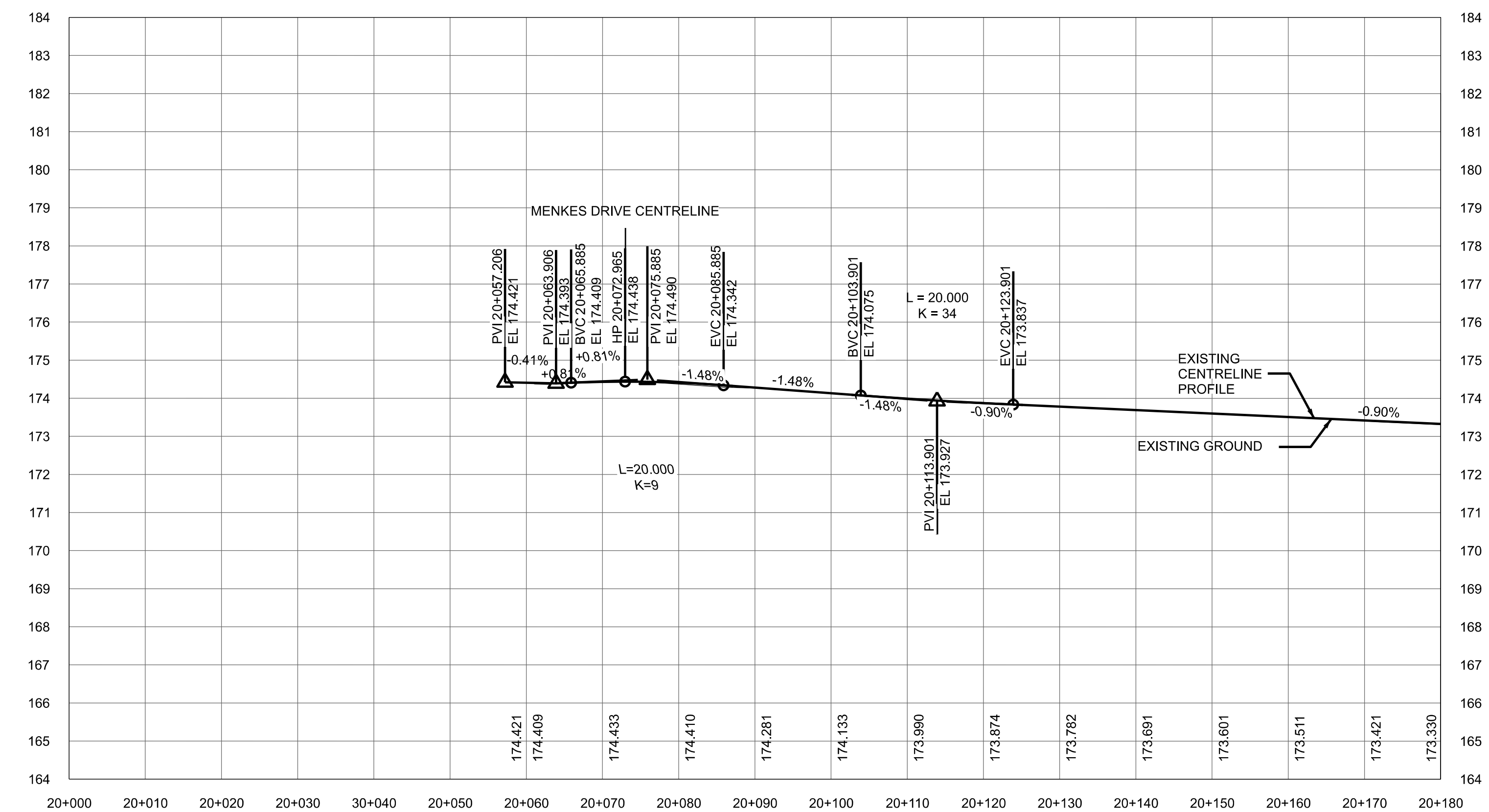
SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

REVISIONS		
DATE	DETAILS	INIT.
APR 12, 2022	ISSUED FOR 30% REVIEW	C.G.

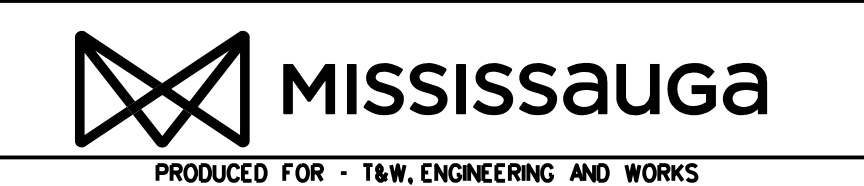


LEGEND

- ROAD WIDENING
- CONCRETE SIDEWALK/ SPLASH PAD
- ASPHALT MULTI-USE PATH/ SPLASH PAD/ MEDIAN
- GRASS AREA
- PARCEL FABRIC
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- WATERMAIN
- SANITARY SEWER
- STORM SEWER



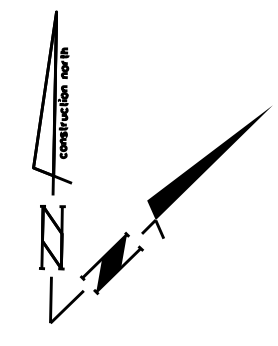
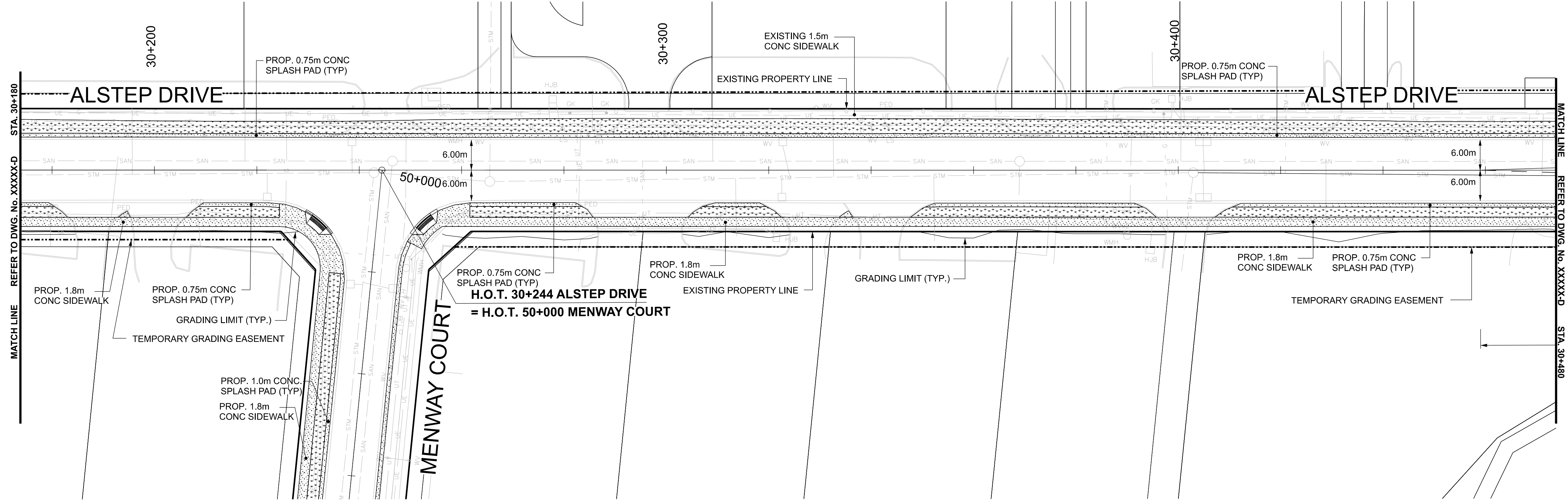
DESIGN BY	APPROVED BY
DEPARTMENTAL APPROVAL	
SILVIO CESARIO P.ENG.	



ALSTEP DRIVE
(FROM MENKES DRIVE TO BRAMALEA ROAD)
STA 30+057 TO STA 30+180

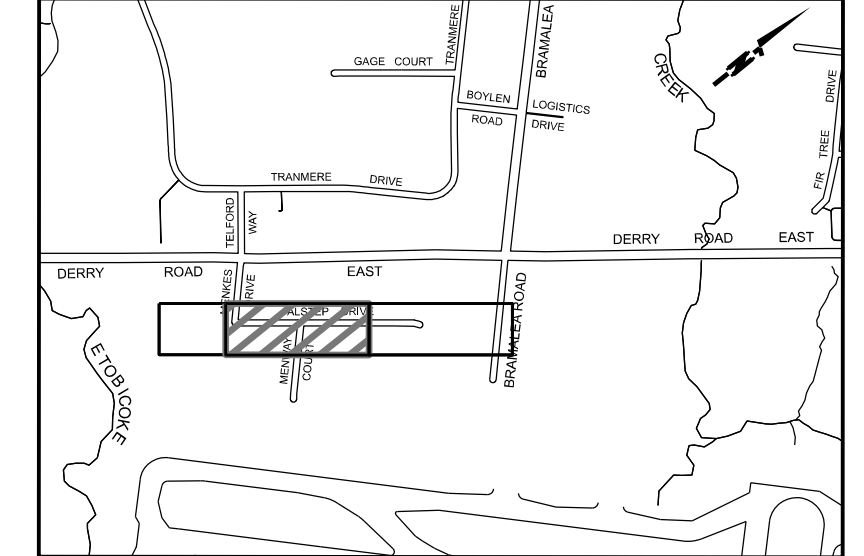
FINAL RD. GR.	SCALE	HOR: 1:500	AREA	PROJECT No.
EXIST RD. GR.	C.A.D.D. BY	M.K.	CHECKED BY	M.F.
CHAINAGE	DATE	APRIL 2022	SHEET	12 OF 20

PLAN No.
C_XXXX



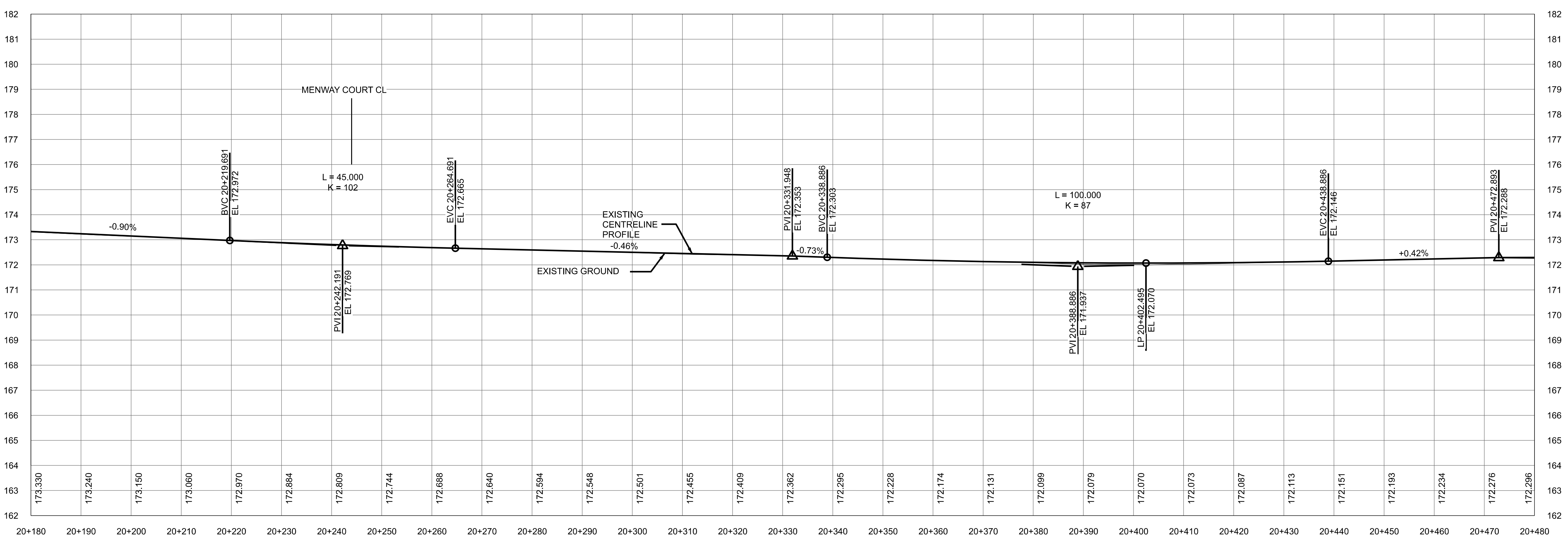
SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

REVISIONS		
DATE	DETAILS	INIT.
APR 12, 2022	ISSUED FOR 30% REVIEW	C.G.

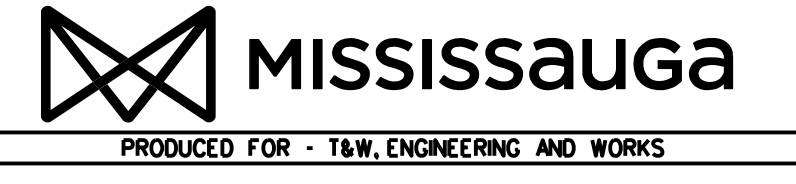


LEGEND

- ROAD WIDENING
- CONCRETE SIDEWALK/ SPLASH PAD
- ASPHALT MULTI-USE PATH/ SPLASH PAD/ MEDIAN
- GRASS AREA
- PARCEL FABRIC
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- W WATERMAIN
- SAN SANITARY SEWER
- STM STORM SEWER



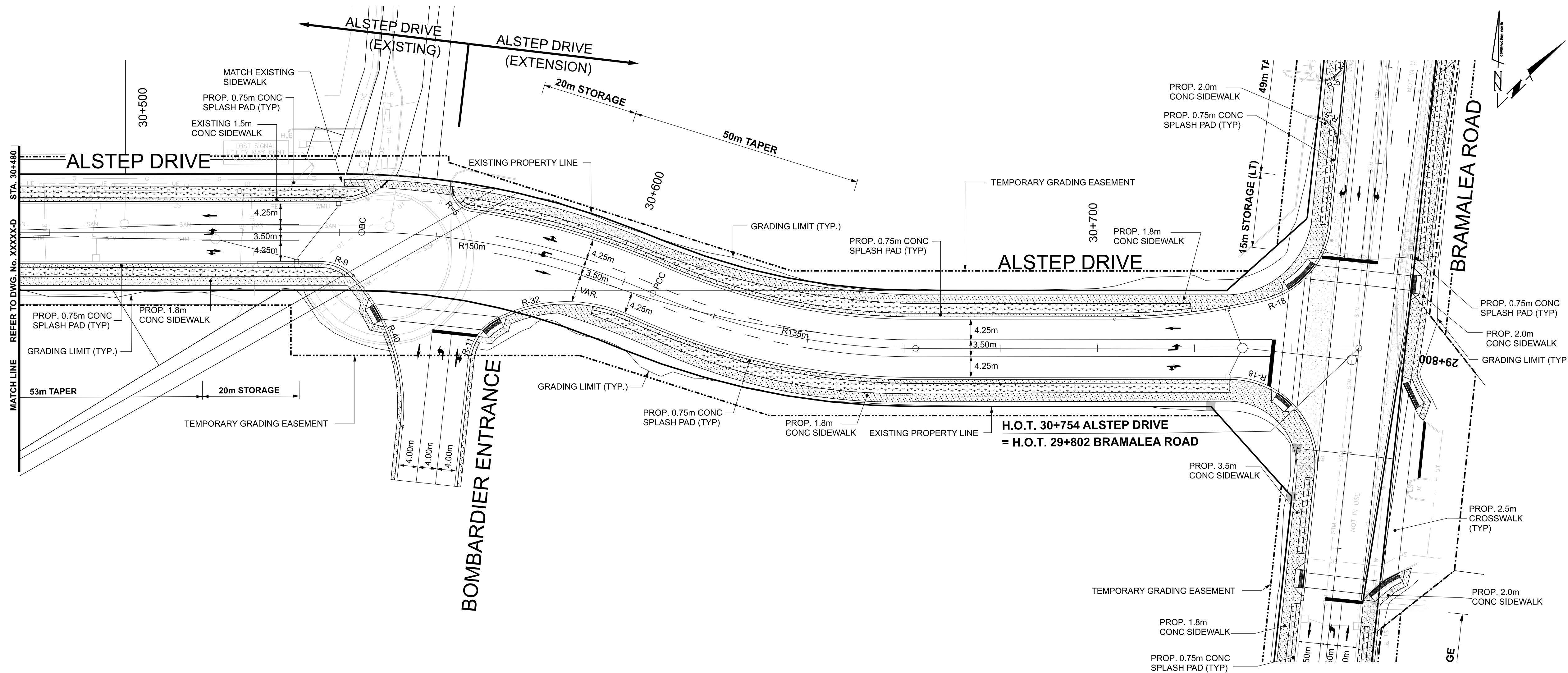
DESIGN BY	APPROVED BY
DEPARTMENTAL APPROVAL	
SILVIO CESARIO P.ENG.	



ALSTEP DRIVE
 (FROM MENKES DRIVE TO BRAMALEA ROAD)
 STA 30+180 TO STA 30+480

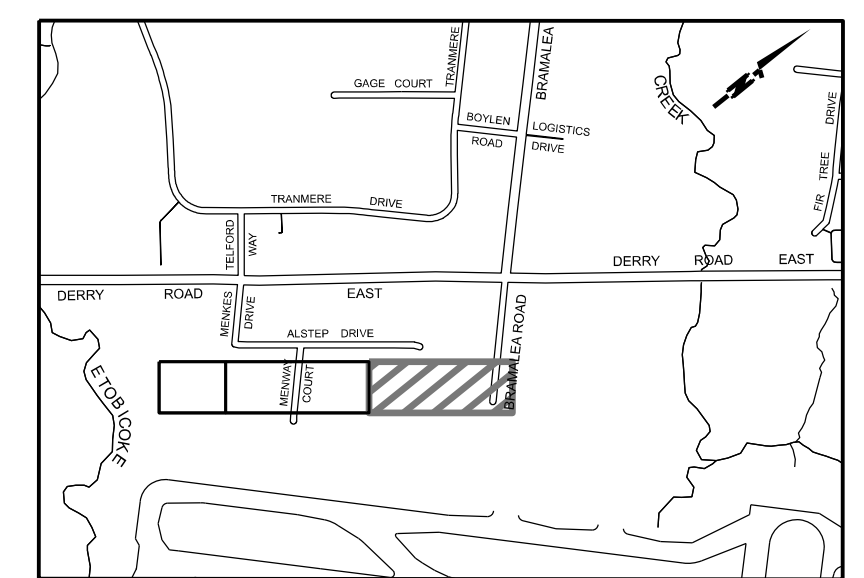
FINAL RD. GR.	SCALE	HOR. 1:500	AREA	PROJECT No.
EXIST RD. GR.	C.A.D.D. BY	VERT. 1:50	CHECKED BY	PLAN No.
CHAINAGE	DATE	APRIL 2022	SHEET	13 OF 20

C_XXXX



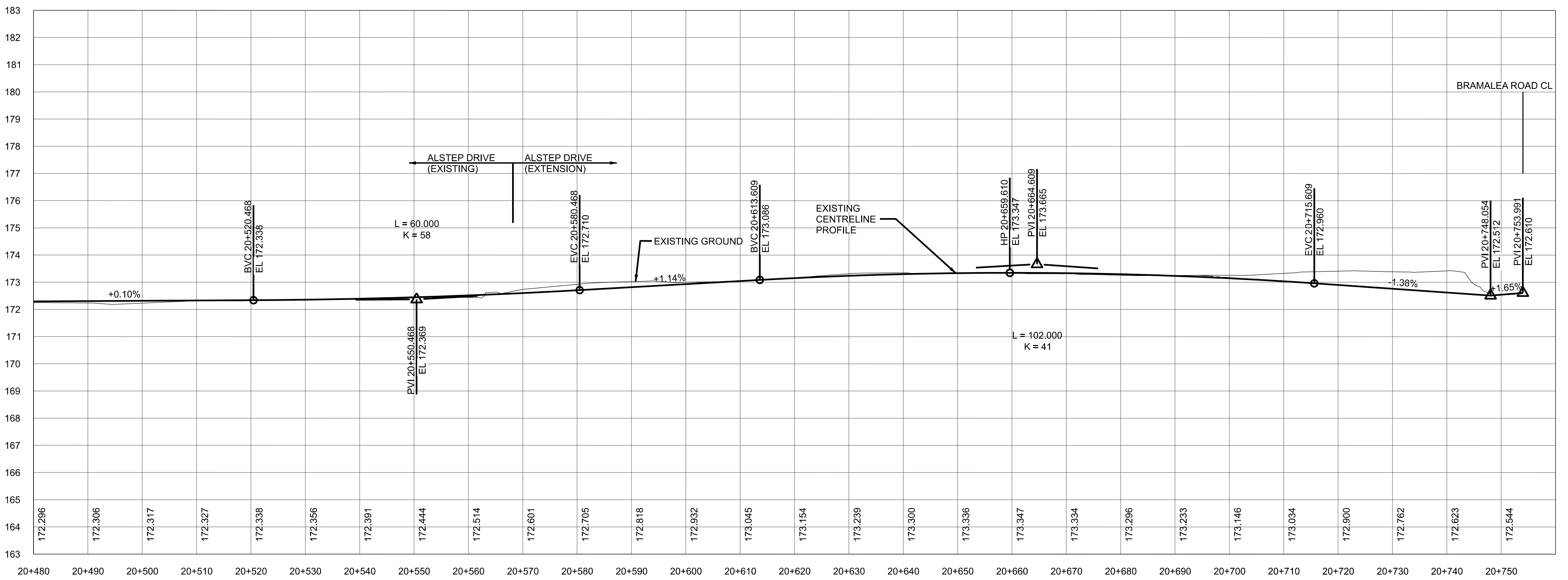
SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

REVISIONS		
DATE	DETAILS	INIT.
APR 12, 2022	ISSUED FOR 30% REVIEW	C.G.

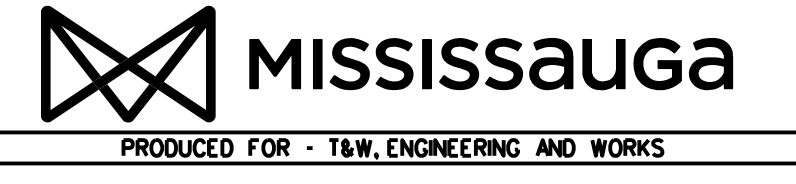


LEGEND

- ROAD WIDENING
- CONCRETE SIDEWALK/ SPLASH PAD
- ASPHALT MULTI-USE PATH/ SPLASH PAD/ MEDIAN
- GRASS AREA
- PARCEL FABRIC
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- WATERMAIN
- SANITARY SEWER
- STORM SEWER



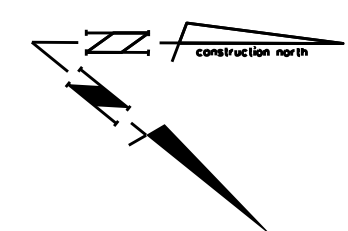
DESIGN BY	APPROVED BY
DEPARTMENTAL APPROVAL	
SILVIO CESARIO P.ENG.	



ALSTEP DRIVE
(FROM MENKES DRIVE TO BRAMALEA ROAD)
STA 30+480 TO STA 30+755

FINAL RD. GR.	SCALE	HORIZ. 1:500	AREA	PROJECT No.
EXIST. RD. GR.	C.A.D.D. BY	M.K.	CHECKED BY	M.F.
CHAINAGE	DATE	APRIL 2022	SHEET	14 OF 20

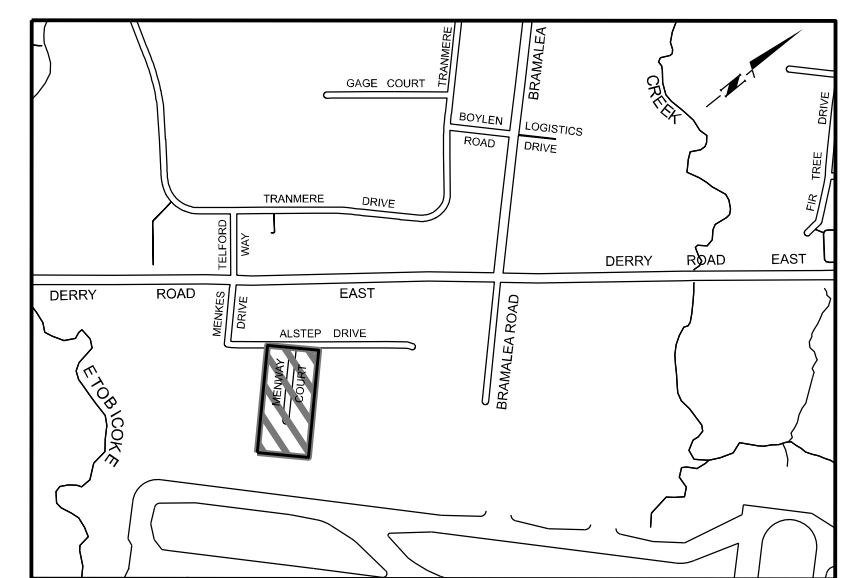
PLAN No.
C_XXXX



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

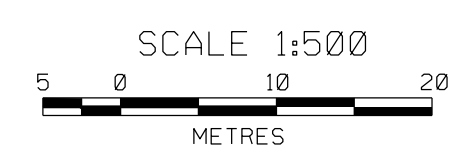
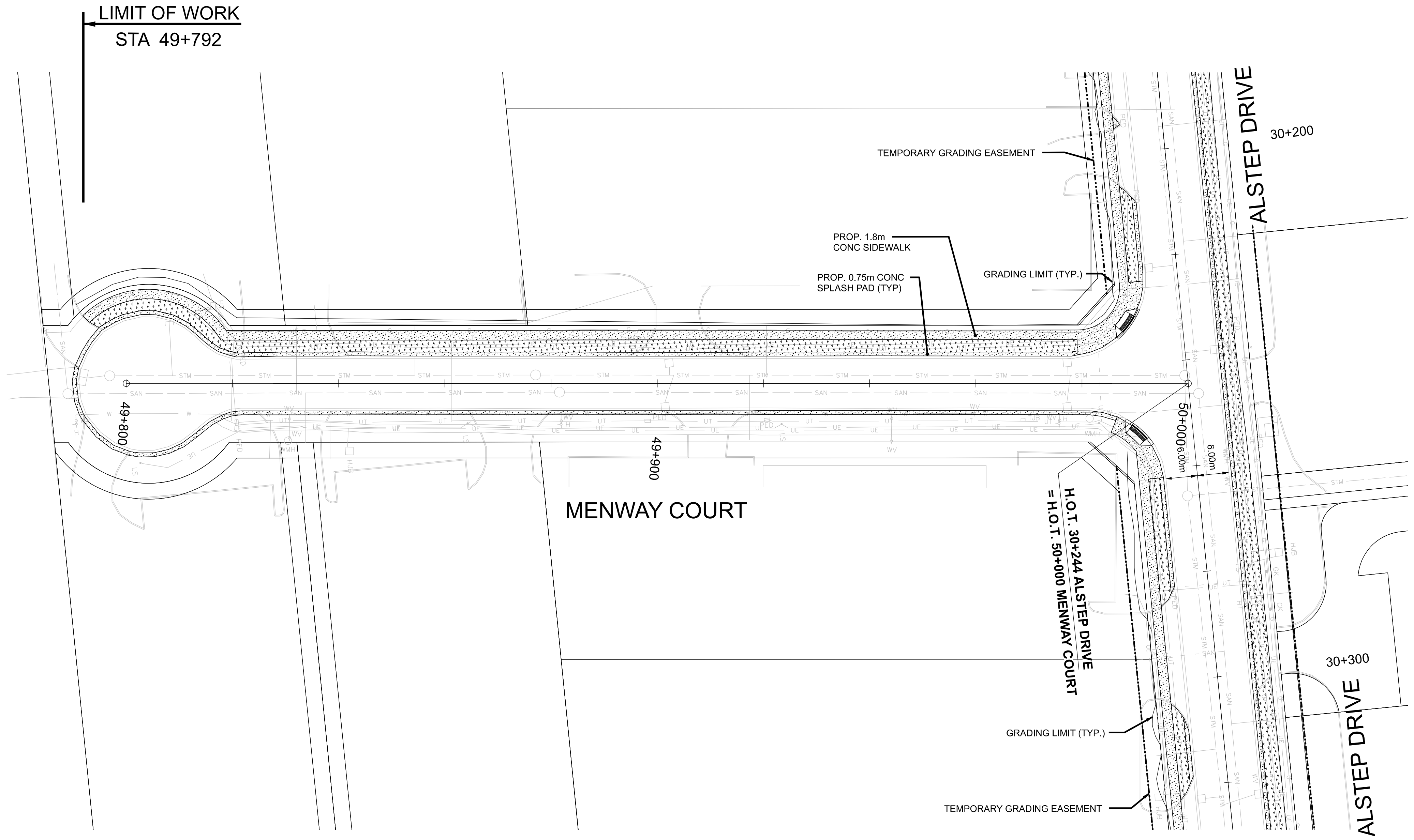
REVISIONS		
DATE	DETAILS	INIT.

APR 12, 2022 ISSUED FOR 30% REVIEW C.G.



LEGEND

- ROAD WIDENING
- CONCRETE SIDEWALK/
SPLASH PAD
- ASPHALT MULTI-USE PATH/
SPLASH PAD/MEDIAN
- GRASS AREA
- PARCEL FABRIC
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- W WATERMAIN
- SAN SANITARY SEWER
- STM STORM SEWER

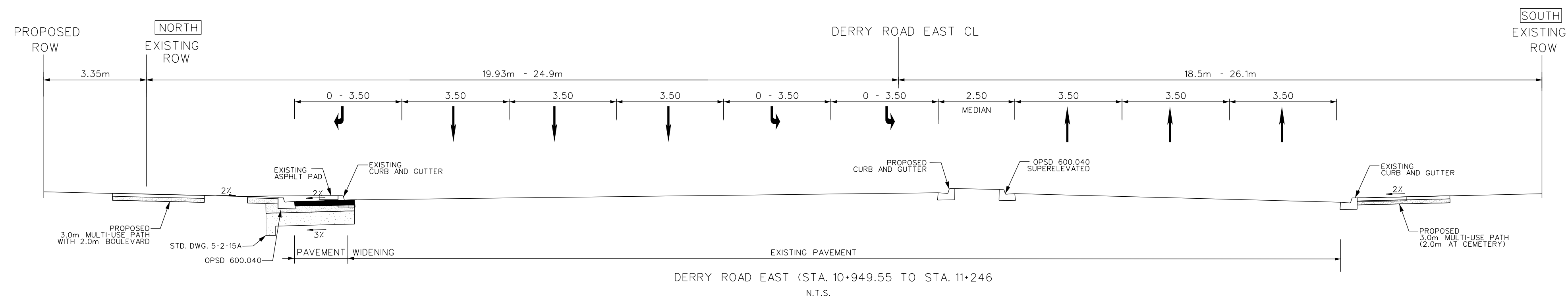
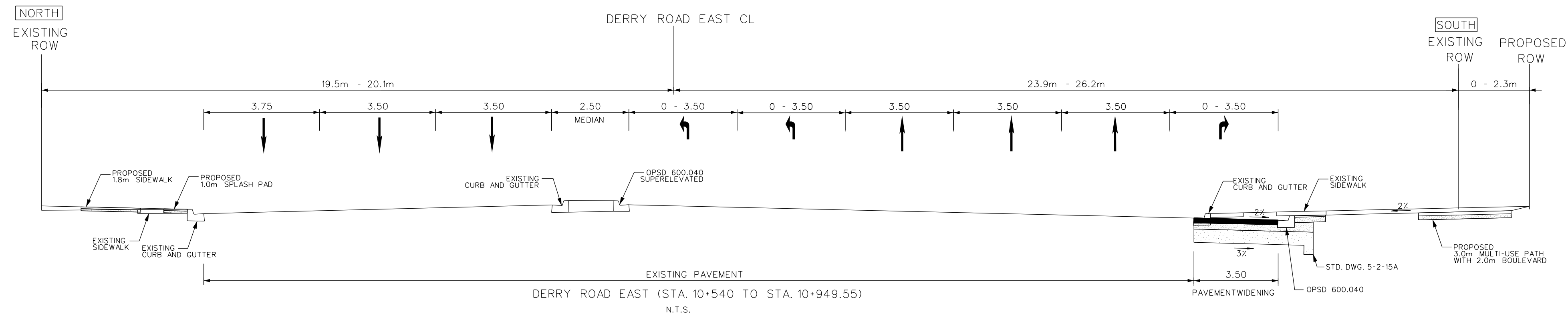


DESIGN BY	APPROVED BY
----- C.E.T.	-----
DEPARTMENTAL APPROVAL	
SILVIO CESARIO P.ENG.	

MISSISSAUGA
 PRODUCED FOR - T&W, ENGINEERING AND WORKS

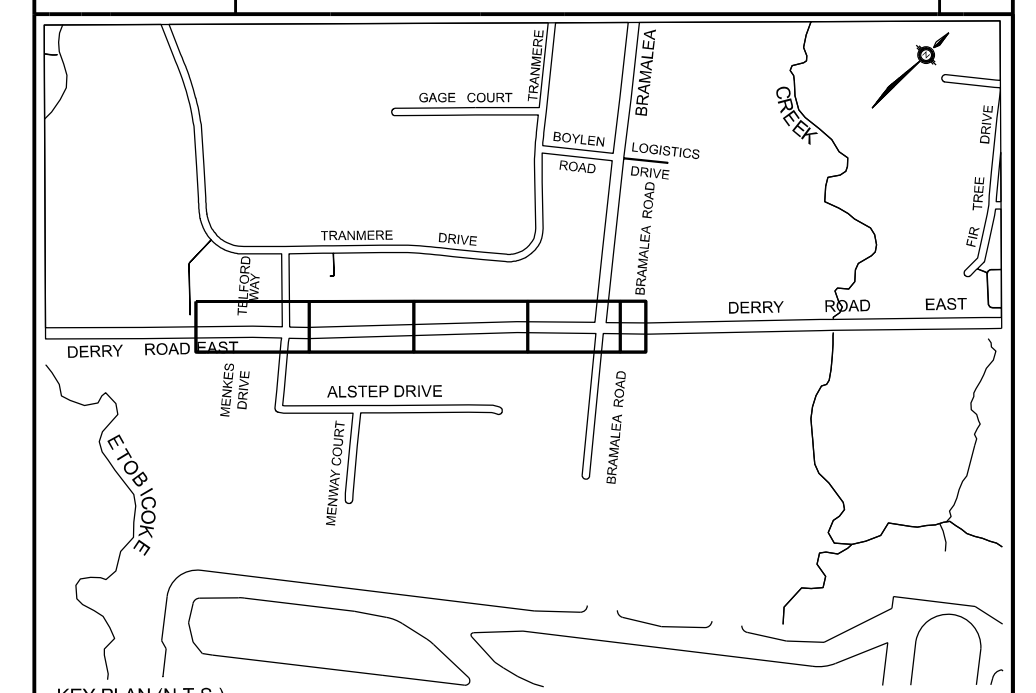
MENWAY COURT
 (FROM CUL-DE-SAC TO ALSTEP DRIVE)
 STA 49-792 TO STA 50-000

SCALE	AREA	PROJECT No.
C.A.D.D. BY M.K.	CHECKED BY M.F.	PLAN No.
DATE APRIL 2022	SHEET 15 OF 20	C_XXXX



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.

REVISIONS		
DATE	DETAILS	INIT.
APR 12, 2022	ISSUED FOR 30% REVIEW	C.G.



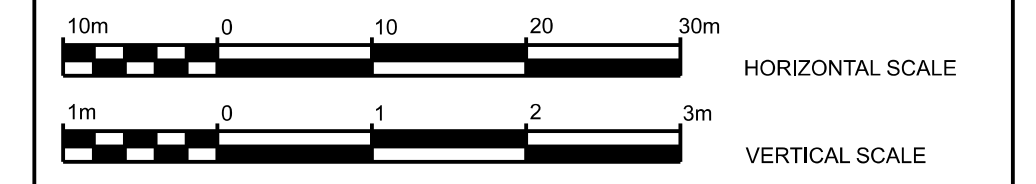
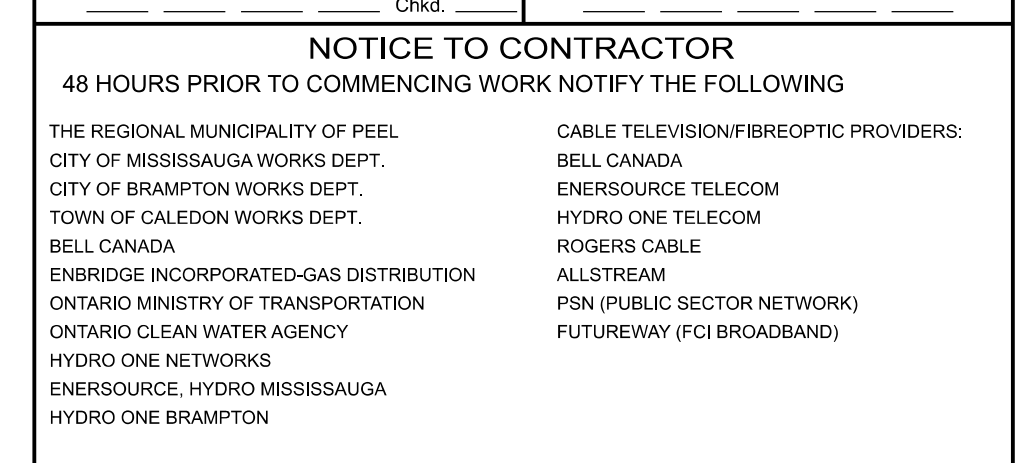
KEY PLAN (N.T.S.)

Designed by _____
 Chkd. _____

Approved by _____

NOTICE TO CONTRACTOR
 48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL	CABLE TELEVISION/FIBROPTIC PROVIDERS:
CITY OF MISSISSAUGA WORKS DEPT.	BELL CANADA
CITY OF BRAMPTON WORKS DEPT.	ENERSOURCE TELECOM
TOWN OF CALEDON WORKS DEPT.	HYDRO ONE TELECOM
BELL CANADA	ROGERS CABLE
ENBRIDGE INCORPORATED-GAS DISTRIBUTION	ALLSTREAM
ONTARIO MINISTRY OF TRANSPORTATION	PSN (PUBLIC SECTOR NETWORK)
ONTARIO CLEAN WATER AGENCY	FUTUREWAY (FCI BROADBAND)
HYDRO ONE NETWORKS	
ENERSOURCE, HYDRO MISSISSAUGA	
HYDRO ONE BRAMPTON	



DERRY ROAD EAST

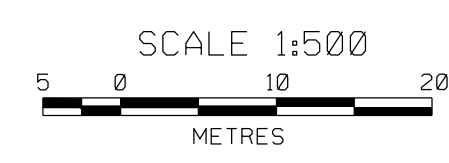
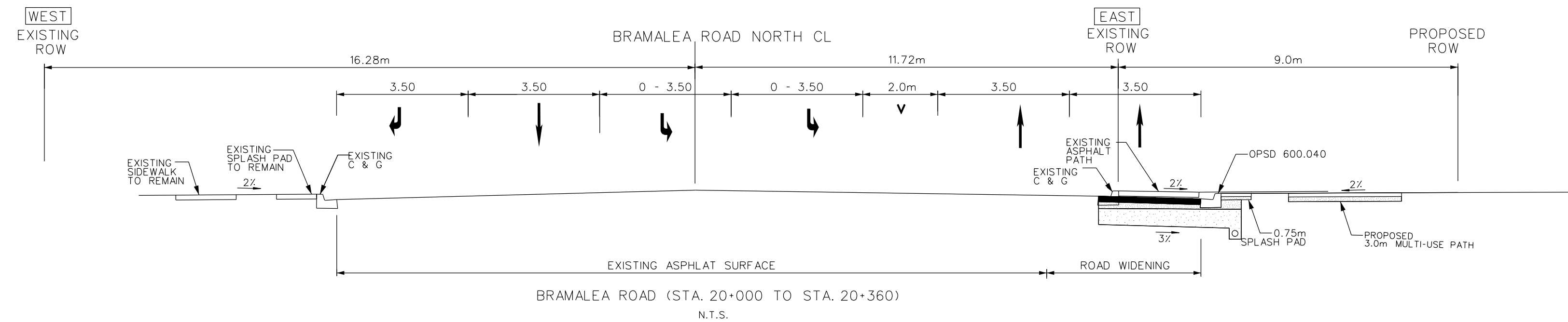
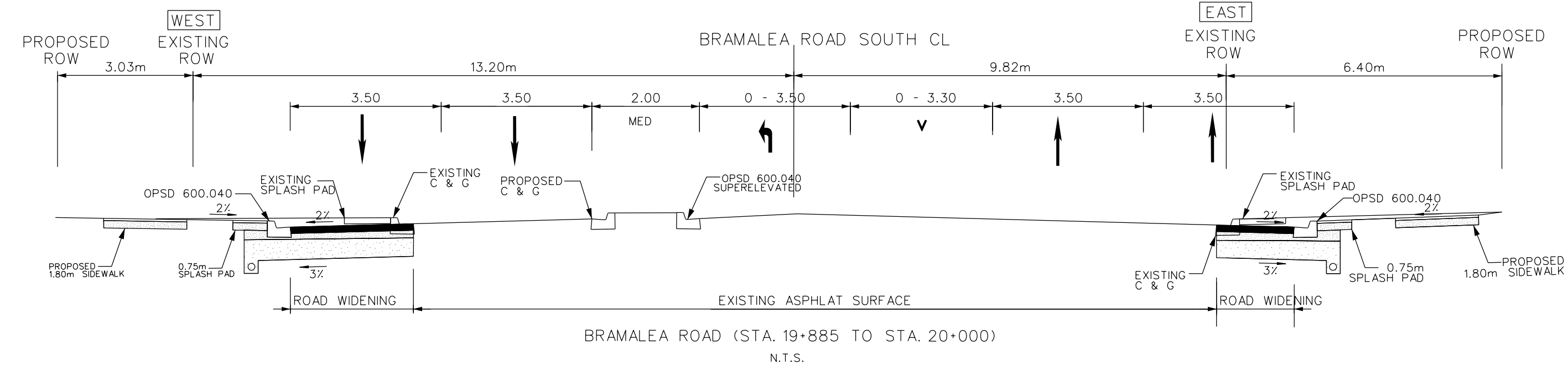
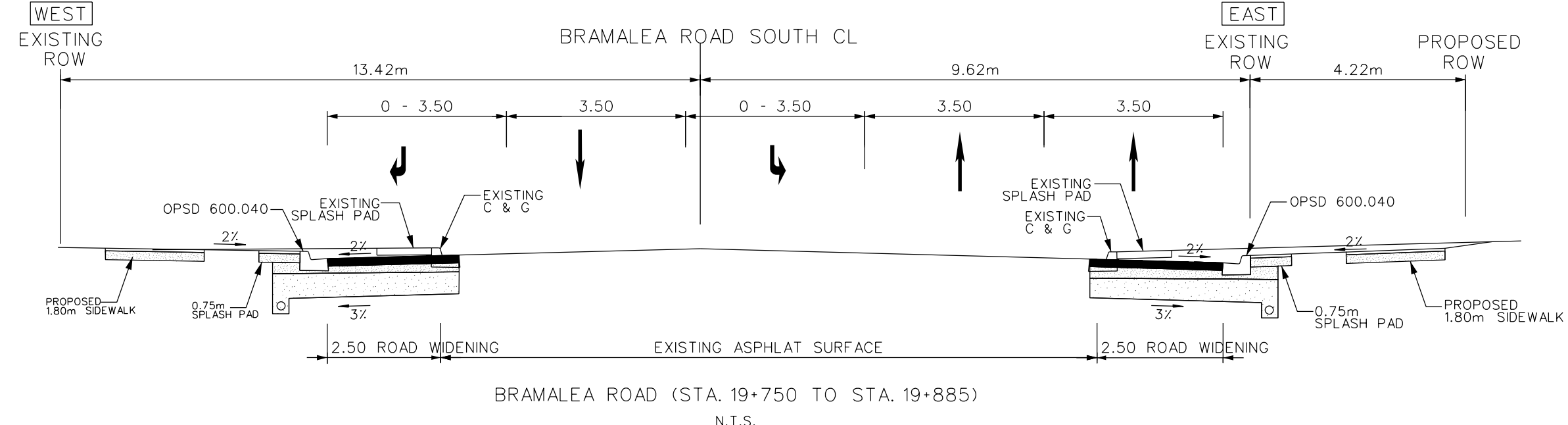
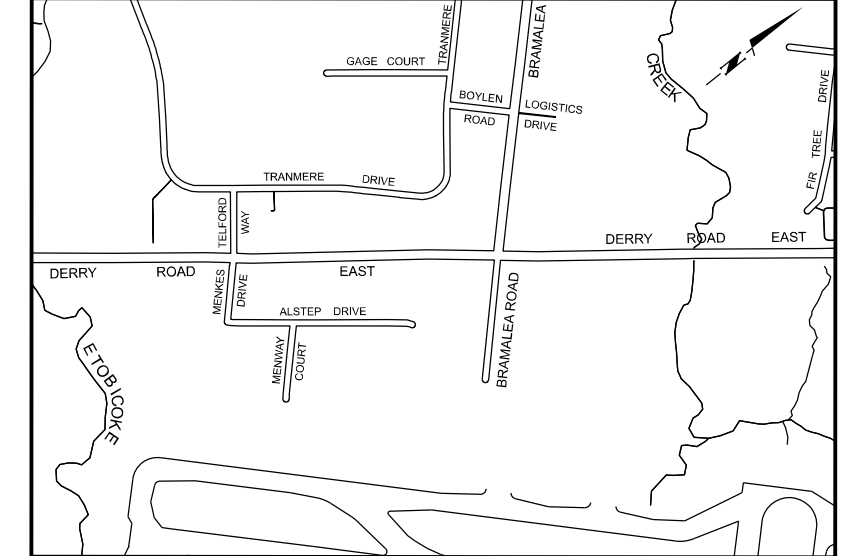
TYPICAL SECTIONS

CAD Area	X-XX	Area	X-XX	Project No.	XX-XXXX
Checked by	M.F.	Drawn by	K.D.S.	Plan No.	XXXXX-D
Date	APRIL 2022	Sheet	16 OF 20		

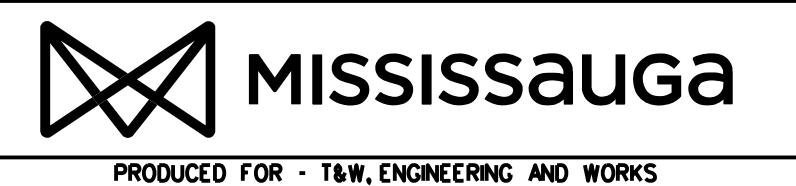
SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

REVISIONS		
DATE	DETAILS	INIT.

APR 12, 2022 ISSUED FOR 30% REVIEW C.G.



DESIGN BY	APPROVED BY
----- C.E.T.	-----
DEPARTMENTAL APPROVAL	
----- SILVIO CESARIO P.ENG.	-----



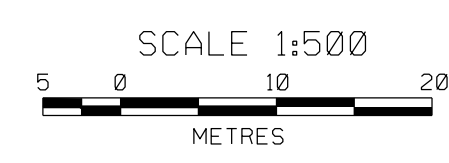
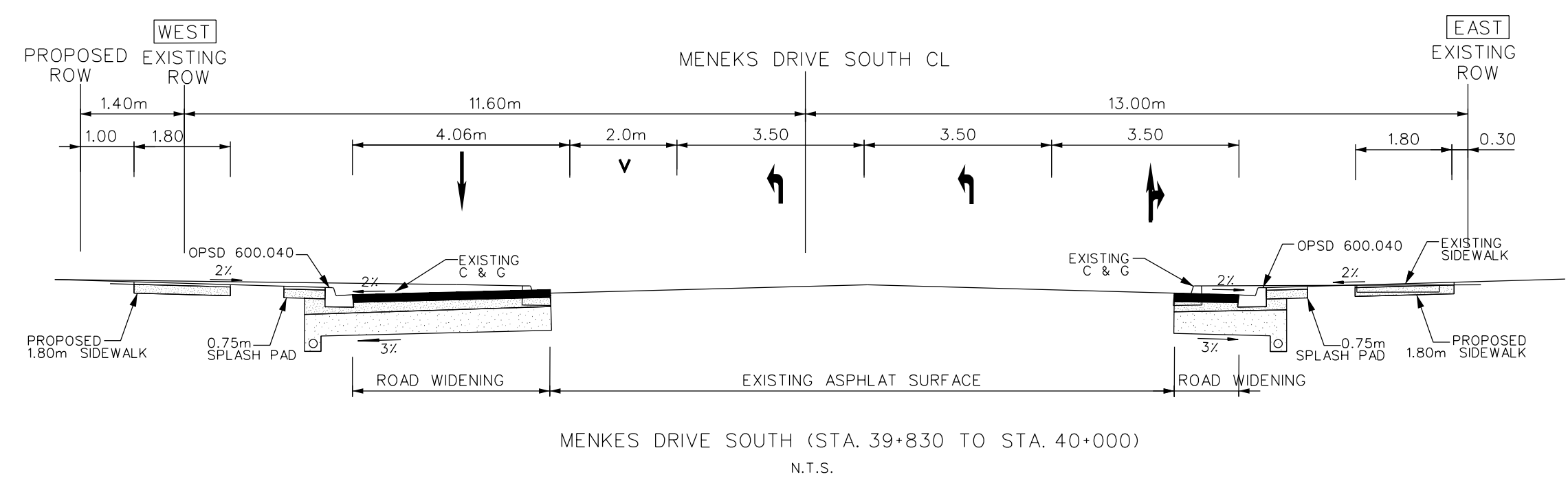
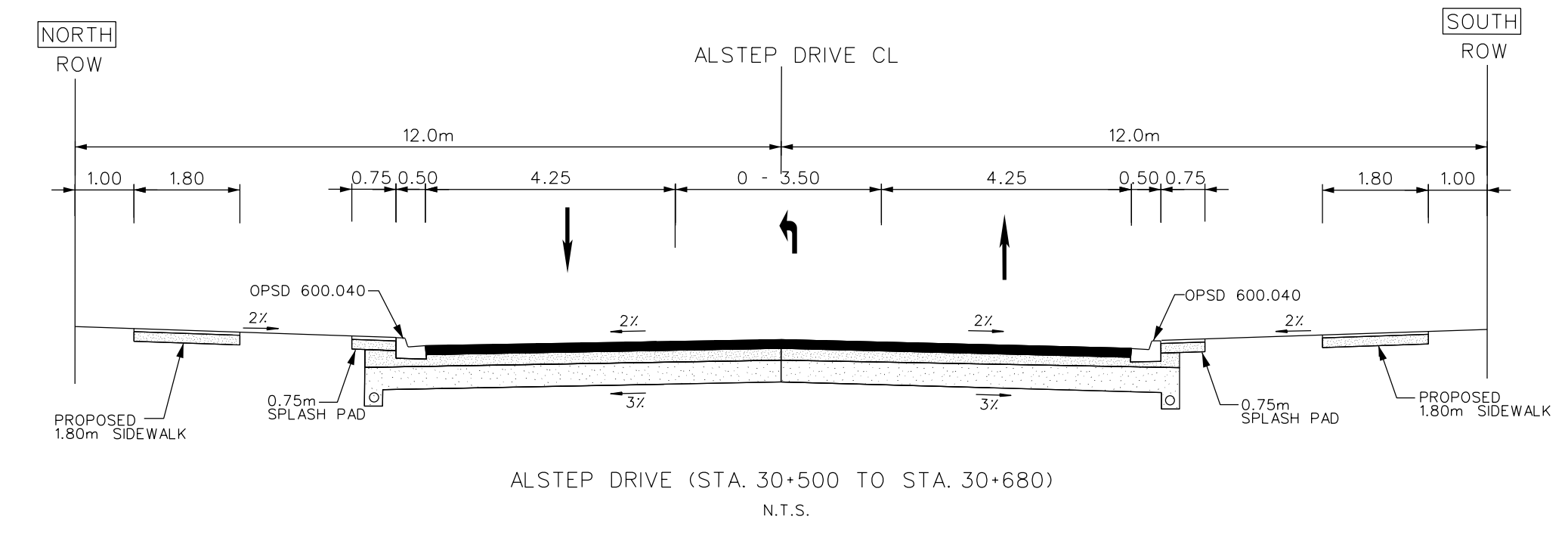
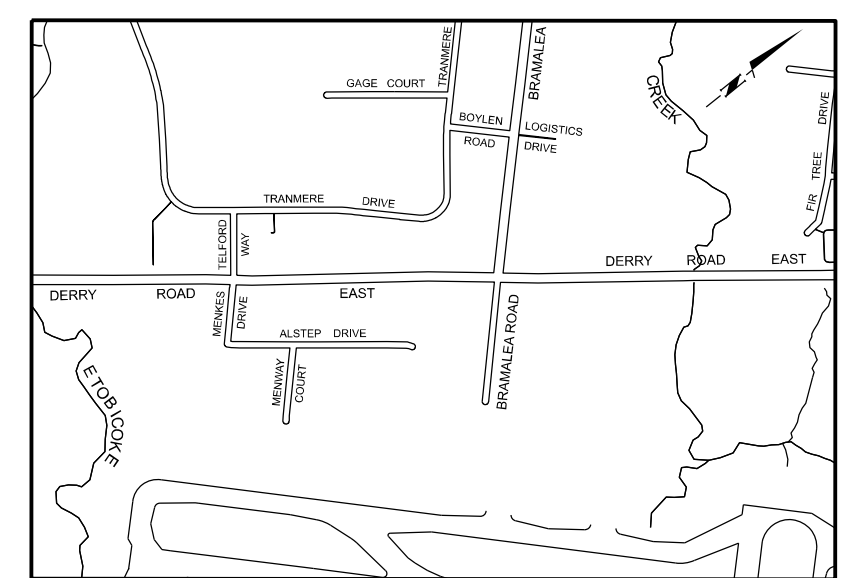
BRAMALEA ROAD
TYPICAL SECTIONS

SCALE	AREA	PROJECT No.
C.A.D. BY K.D.S	CHECKED BY M.F.	PLAN No.
DATE APRIL 2022	SHEET 17 OF 20	C_XXXX

SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

REVISIONS		
DATE	DETAILS	INIT.

APR 12, 2022 ISSUED FOR 30% REVIEW C.G.



DESIGN BY	APPROVED BY
----- C.E.T.	-----
DEPARTMENTAL APPROVAL	
SILVIO CESARIO P.ENG.	

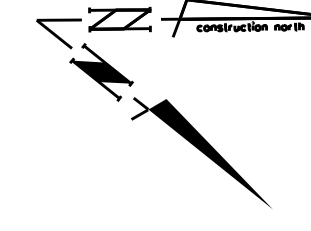


PRODUCED FOR - T&W, ENGINEERING AND WORKS

ALSTEP & MENKES DRIVE
TYPICAL SECTIONS

SCALE	AREA	PROJECT No.
C.A.D. BY K.D.S	CHECKED BY M.F.	PLAN No.
DATE APRIL 2022	SHEET 18 OF 20	C_XXXX

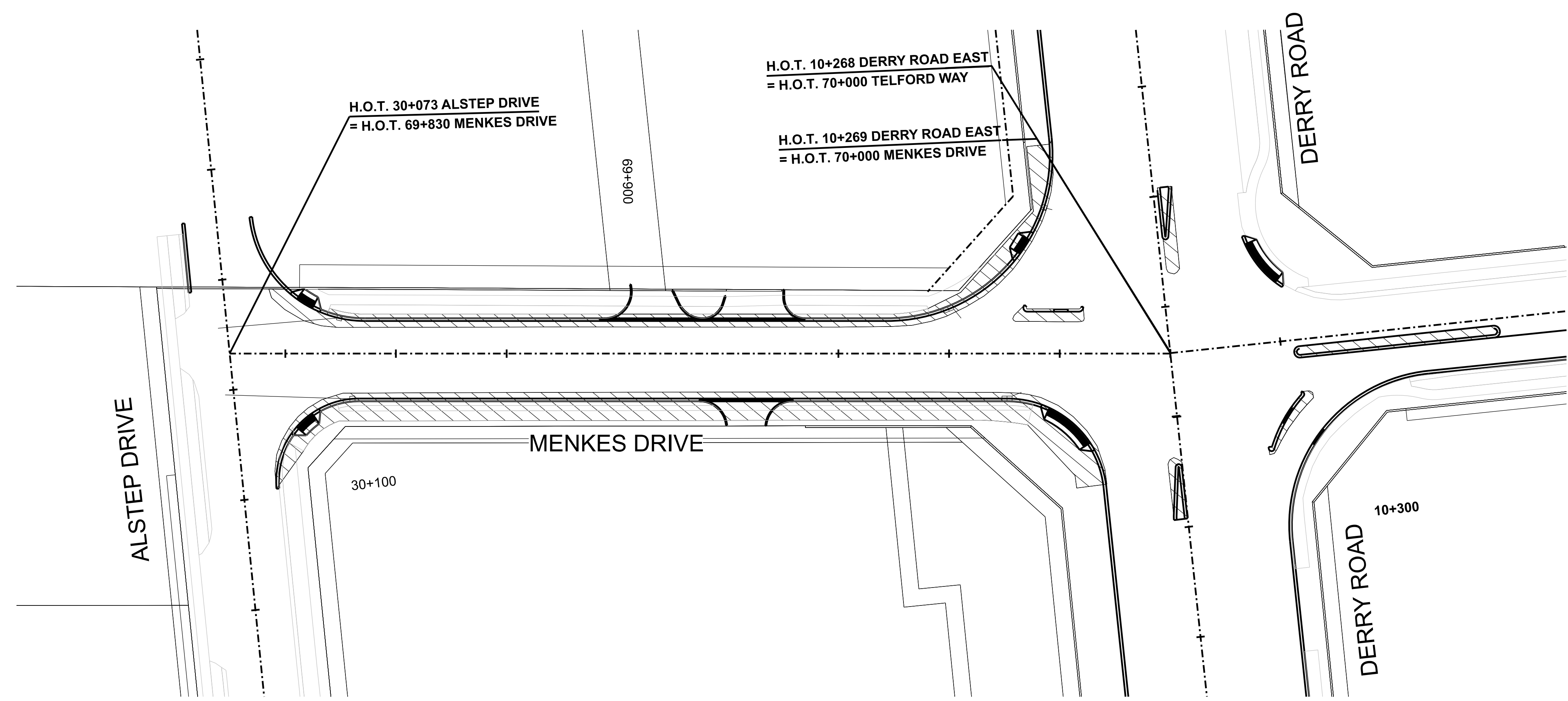
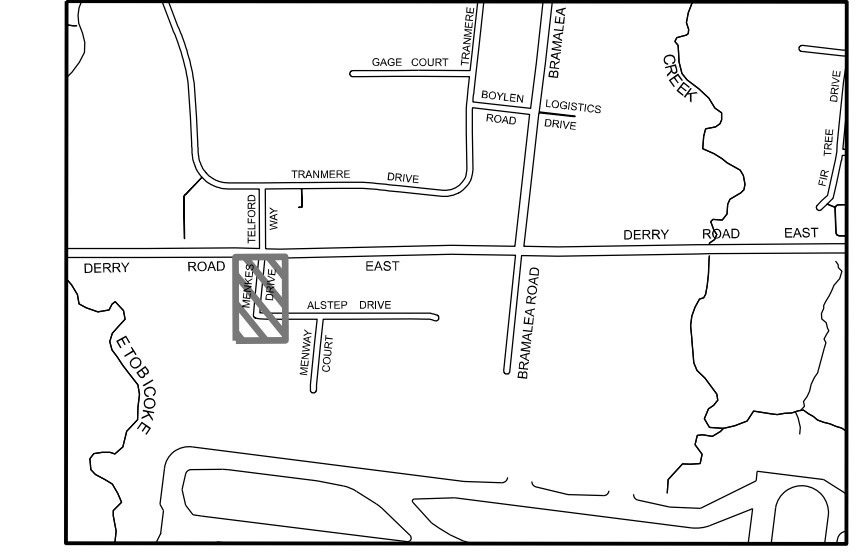
NOTE: THE PURPOSE OF THIS DRAWING IS TO SHOW THE WORK AREA THAT WILL BE COMPLETED AS PART OF STAGE 1 OF CONSTRUCTION.
TRAFFIC MANAGEMENT MEASURES WILL BE ADDED IN SUBSEQUENT SUBMISSIONS.



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

REVISIONS		
DATE	DETAILS	INIT.

APR 12, 2022 ISSUED FOR 30% REVIEW C.G.



LEGEND

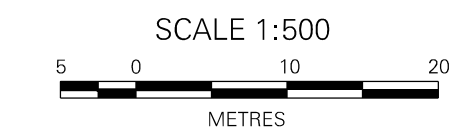
	WORK AREA
--	-----------

DESIGN BY	APPROVED BY
-----	-----
C.E.T.	
DEPARTMENTAL APPROVAL	
-----	-----
SILVIO CESARIO P.ENG.	



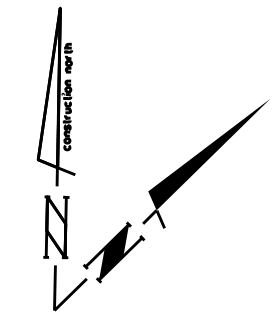
PRODUCED FOR - T&W ENGINEERING AND WORKS

MENKES DRIVE
STAGE 1 (FROM ALSTEP TO DERRY)
STA 69-830 TO STA 70-000



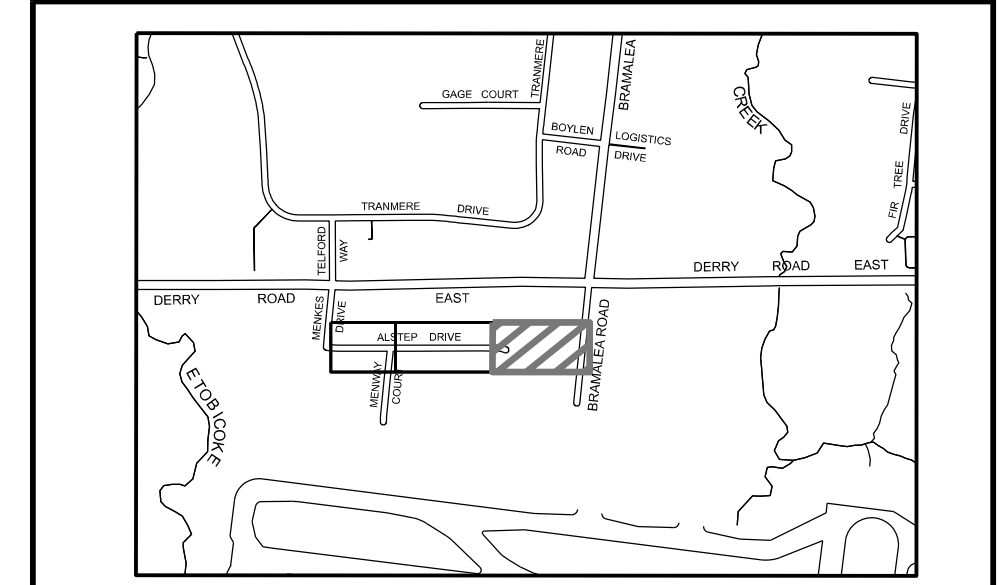
SCALE	AREA	PROJECT No.
C.A.D.D. BY K.D.S	CHECKED BY M.F.	PLAN No.
DATE APRIL 2022	SHEET 19 OF 20	C_XXXX

NOTE: THE PURPOSE OF THIS DRAWING IS TO SHOW THE WORK AREA THAT WILL BE COMPLETED AS PART OF STAGE 1 OF CONSTRUCTION. TRAFFIC MANAGEMENT MEASURES WILL BE ADDED IN SUBSEQUENT SUBMISSIONS.



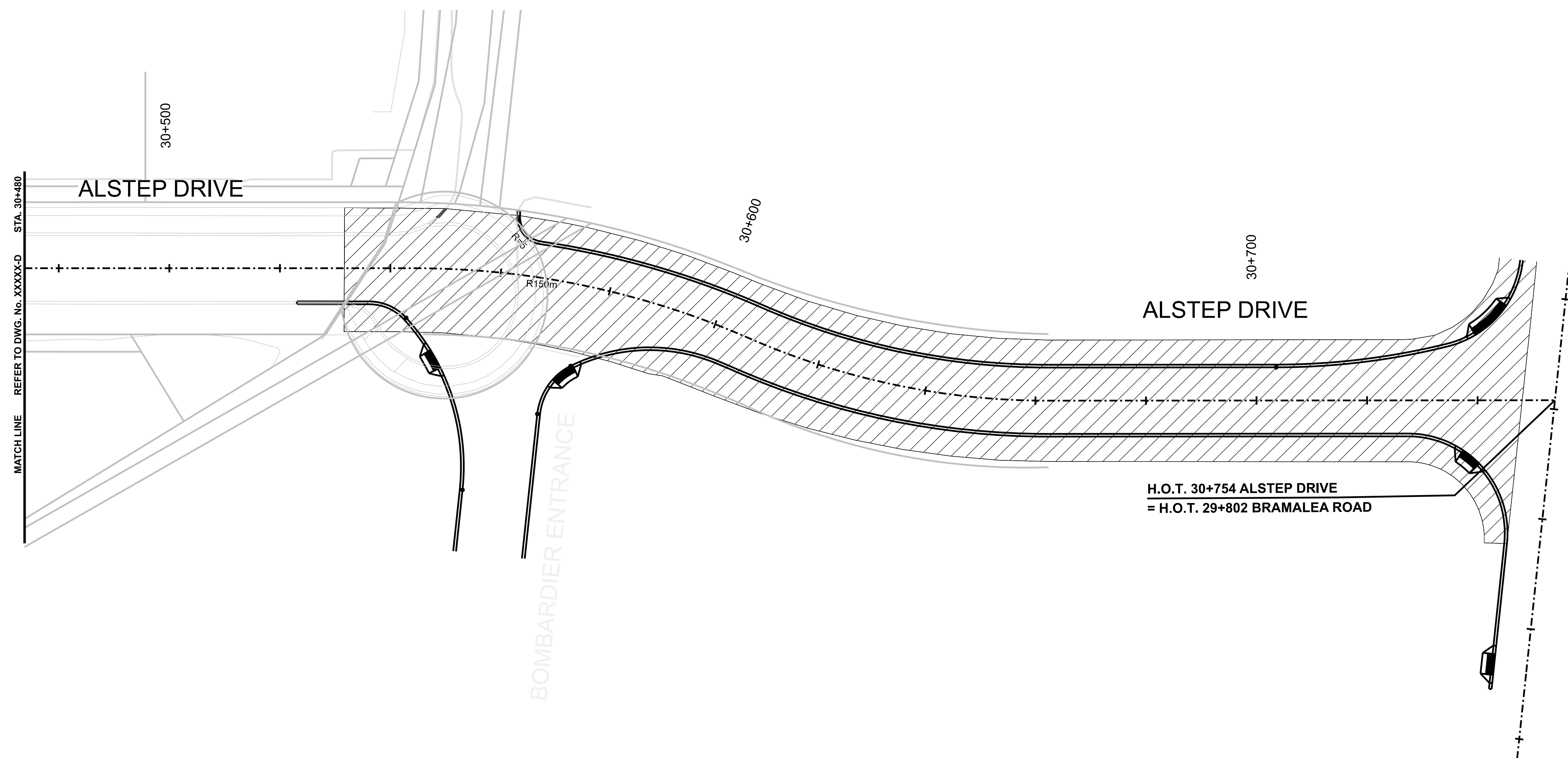
SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STM. SEWERS			BELL U/G CABLE		
WATERMANS			HYDRO U/G CABLE		
M.O.E.			ROGERS U/G CABLE		

REVISIONS		
DATE	DETAILS	INIT.



LEGEND

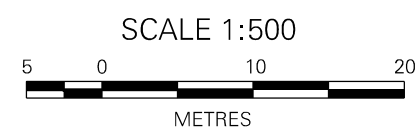
	WORK AREA
--	-----------



DESIGN BY	APPROVED BY
-----	-----
C.E.T.	
DEPARTMENTAL APPROVAL	
-----	-----
SILVIO CESARIO P.ENG.	

MISSISSAUGA
PRODUCED FOR - T&W ENGINEERING AND WORKS

ALSTEP DRIVE
STAGE 1 (FROM MENKES DRIVE TO BRAMALEA ROAD)
STA 30+480 TO STA 30+755



SCALE	AREA	PROJECT No.
C.A.D.D. BY K.S.	CHECKED BY M.F.	PLAN No.
DATE APRIL 2022	SHEET 20 OF 20	C_XXXX