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General Notes

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Legend

- EXISTING OVERLAND FLOW/DITCH DIRECTION
- PROPOSED DITCH FLOW
- EXISTING GROUND CONTOURS (AS PER NOTE 4 ABOVE)
- EXISTING GROUND CONTOURS (FROM LIDAR MAPPING)
- ROAD ALLOWANCE
- PROPOSED SILT FENCING
- TEMPORARY OVERBUILD AREA

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Project Manager - Windlectric	Date [dd-mm-yyyy]
Owner:	

E	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.07.11
D	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.09
C	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.04
B	ISSUED FOR FINAL REVIEW	RCL	MPG	16.11.25
A	ISSUED FOR CLIENT REVIEW	RCL	MPG	16.10.18
Revision	By	Appd.		YY.MM.DD

File Name:	C209-C215_133560100-Entrances.dwg	RCL	MPG	RCL	16.09.16
Permit-Seal		Dwn.	Chkd.	Dign.	YY.MM.DD

Client/Project

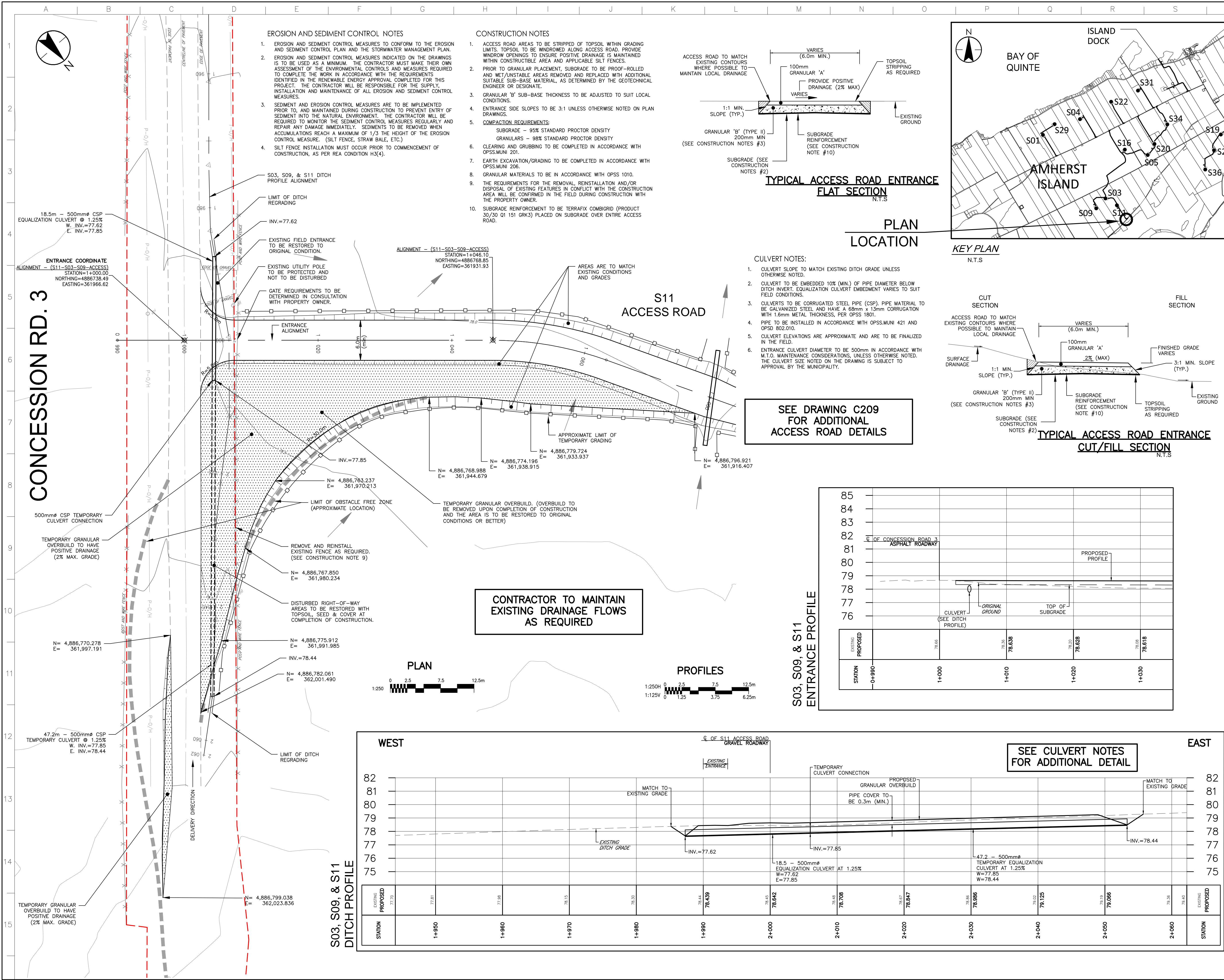


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

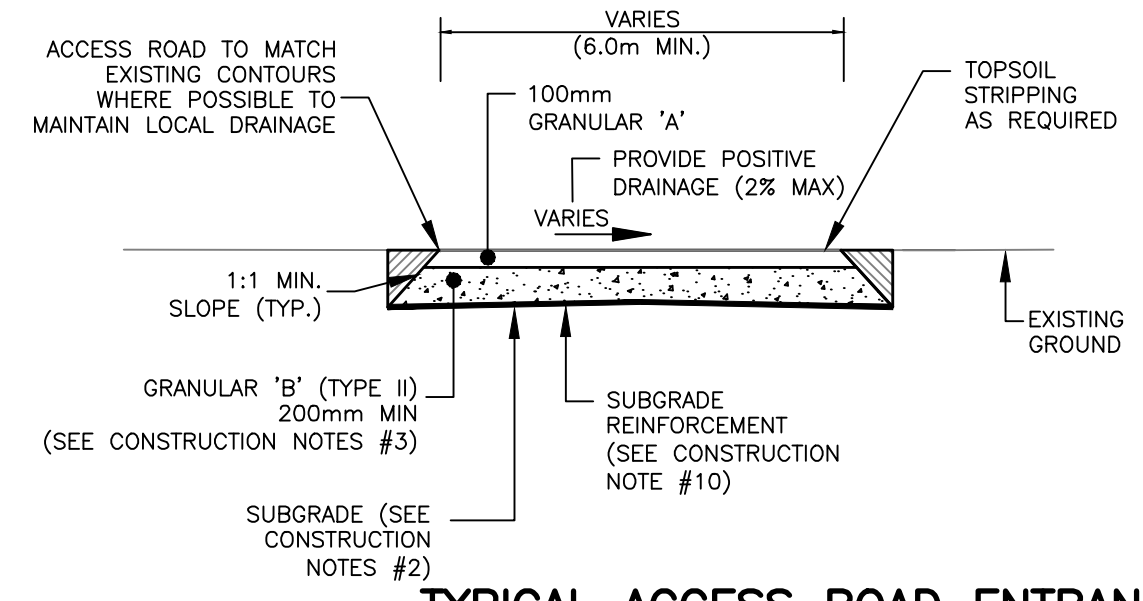
TEMPORARY ENTRANCE LAYOUT
CONCESSION ROAD 2
ENTRANCE FOR TURBINES S03, S09, & S11

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Drawing No.	Sheet
	Revision

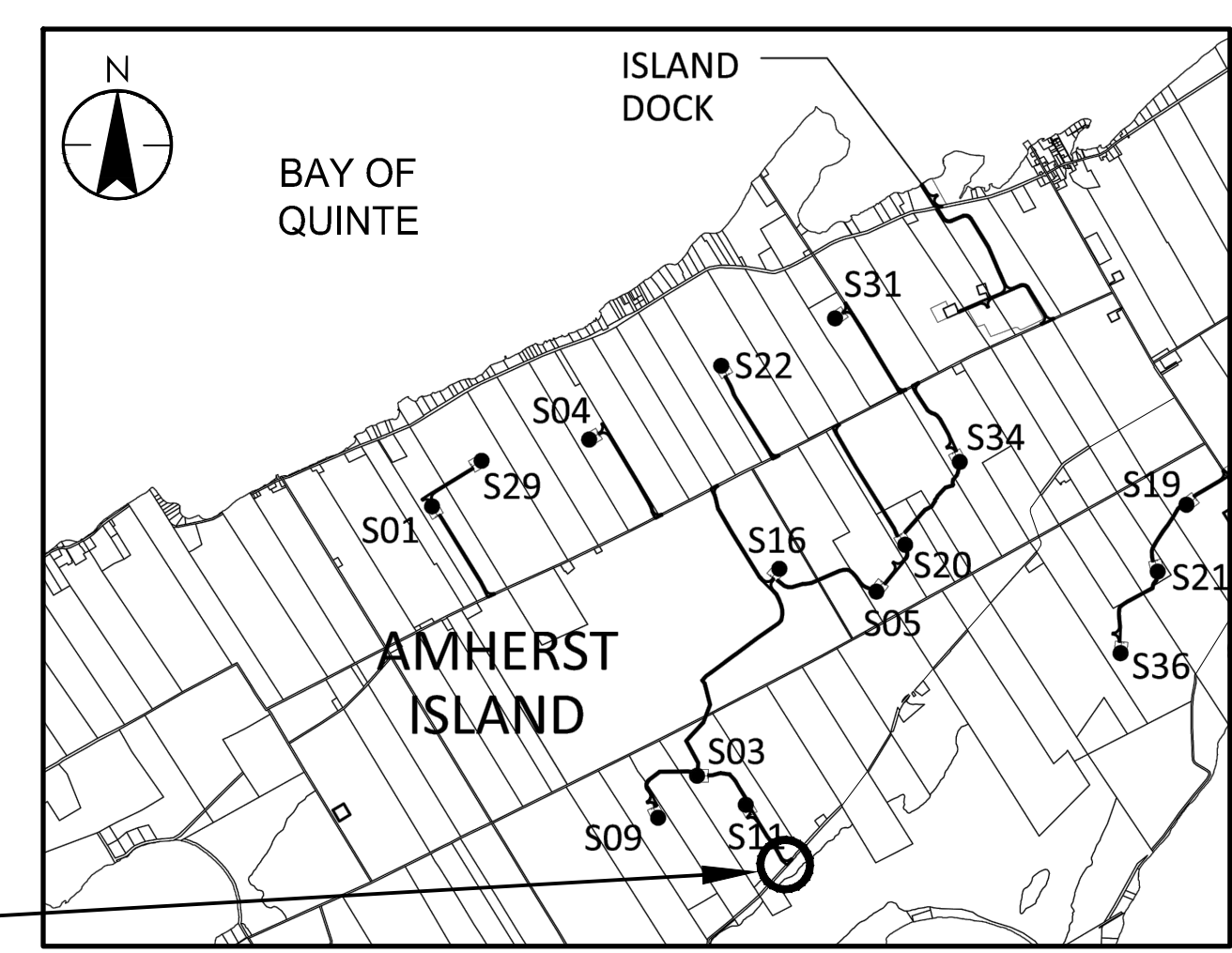


- EROSION AND SEDIMENT CONTROL NOTES**
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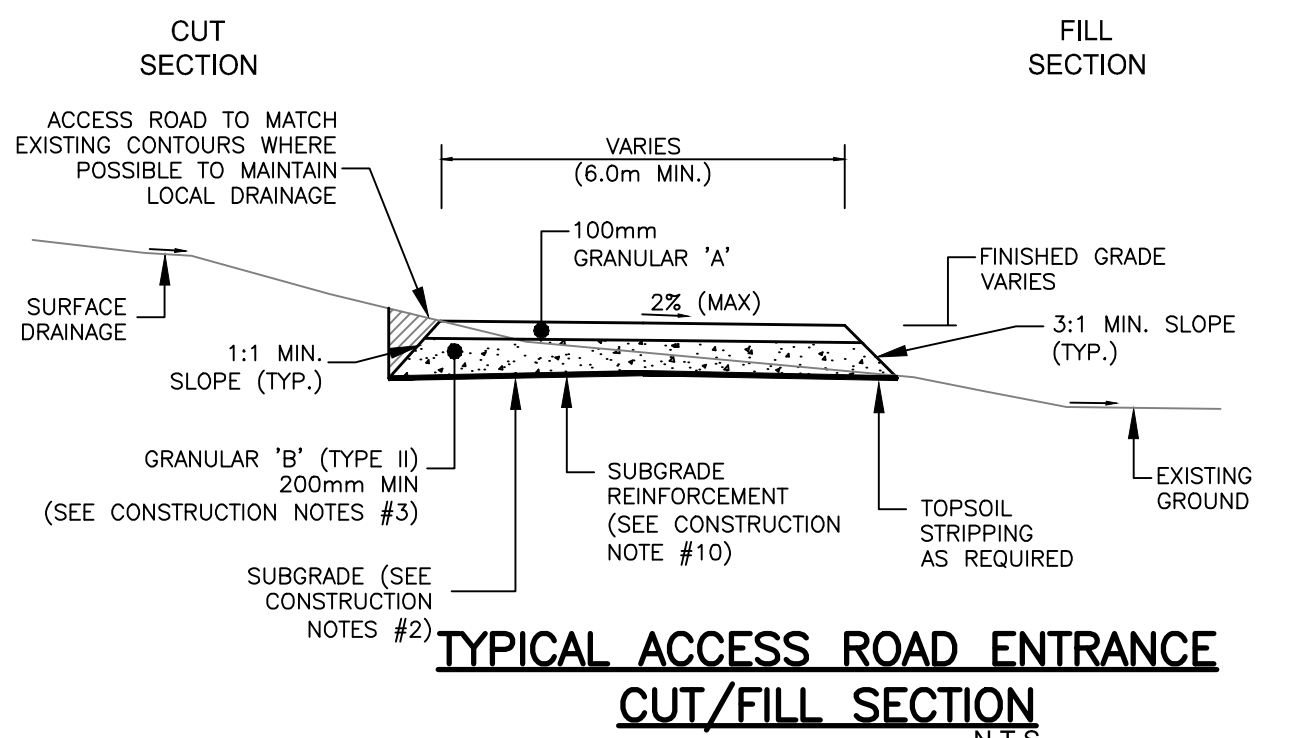
- CONSTRUCTION NOTES**
- ACCESS ROAD AREAS TO BE STRIPPED OF TOPSOIL WITHIN GRADING LIMITS. TOPSOIL TO BE WINDROWED ALONG ACCESS ROAD. PROVIDE WINDROW OPENINGS TO ENSURE POSITIVE DRAINAGE IS MAINTAINED WITHIN CONSTRUCTIBLE AREA AND APPLICABLE SILT FENCES.
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 - GRANULAR 'B' SUB-BASE THICKNESS TO BE ADJUSTED TO SUIT LOCAL CONDITIONS.
 - ENTRANCE SIDE SLOPES TO BE 3:1 UNLESS OTHERWISE NOTED ON PLAN DRAWINGS.
 - COMPACTION REQUIREMENTS:**
SUBGRADE - 95% STANDARD PROCTOR DENSITY
GRANULARS - 98% STANDARD PROCTOR DENSITY
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 - EARTH EXCAVATION/GRADING TO BE COMPLETED IN ACCORDANCE WITH OPSS/MUNI 206.
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 - SUBGRADE REINFORCEMENT TO BE TERRAFIX COMBRIGRID (PRODUCT 30/30 Q1 151 GRK3) PLACED ON SUBGRADE OVER ENTIRE ACCESS ROAD.



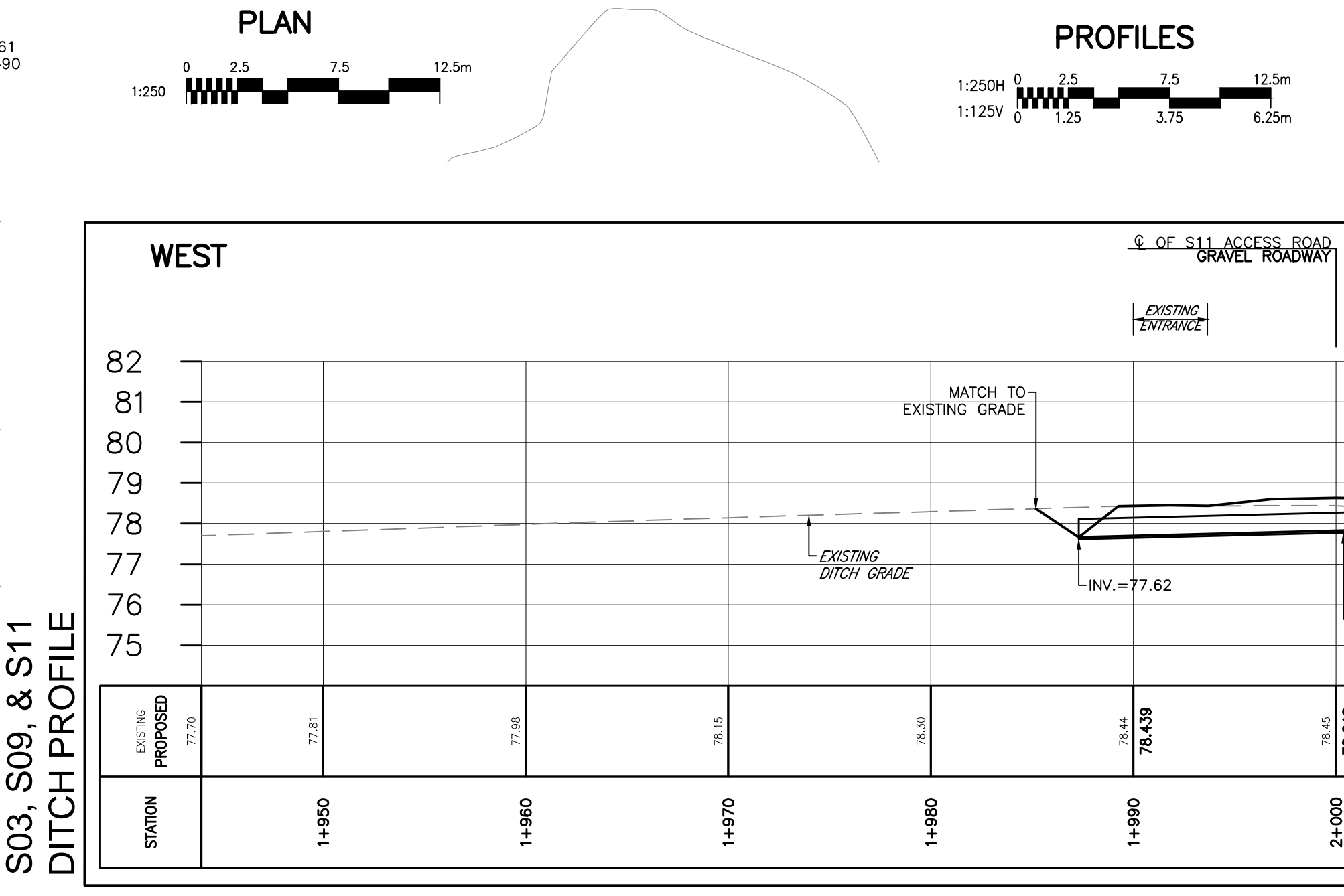
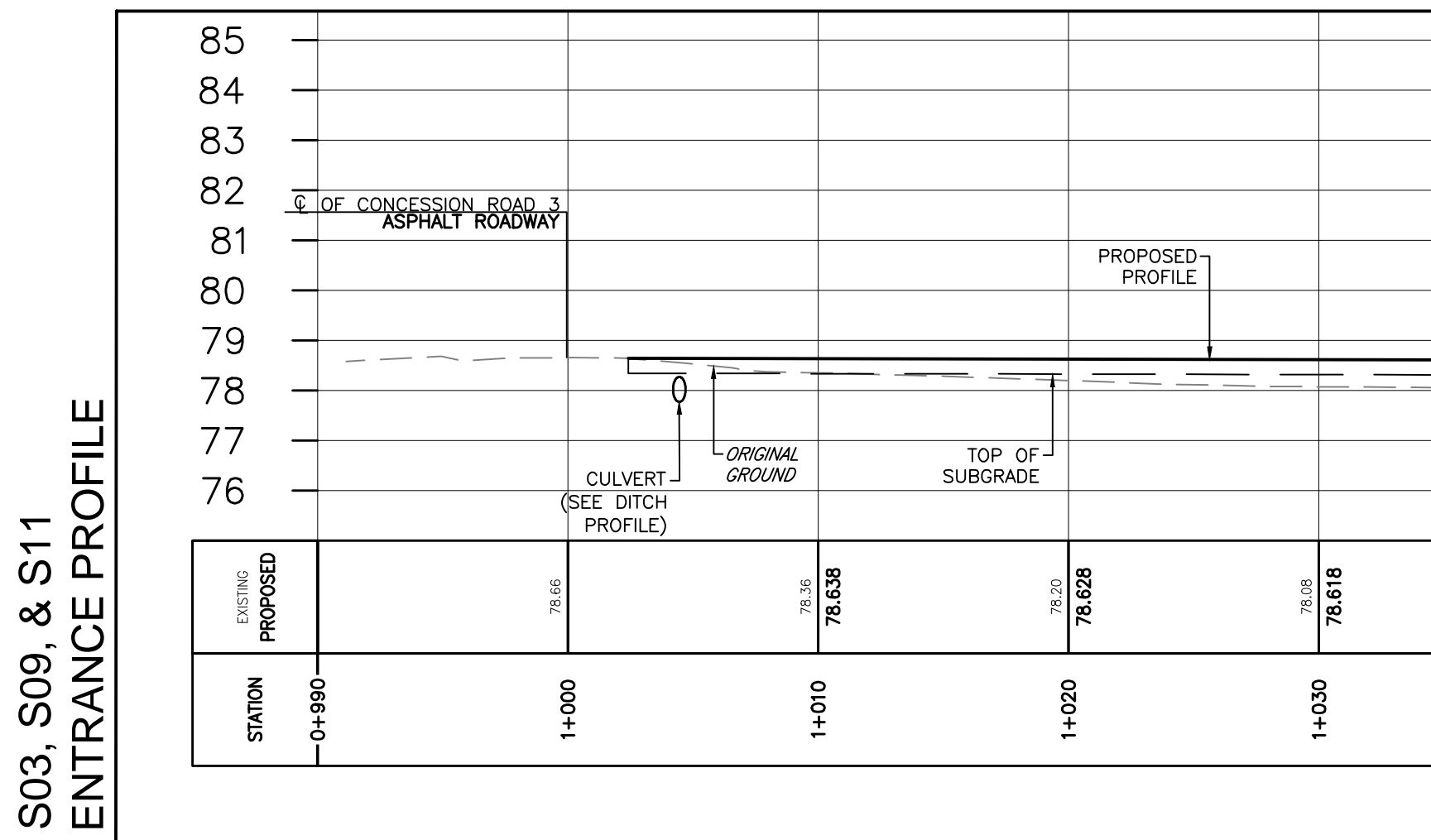
PLAN LOCATION



- CULVERT NOTES:**
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 - CULVERT TO BE EMBEDDED 10% (MIN.) OF PIPE DIAMETER BELOW DITCH INVERT. EQUALIZATION CULVERT EMBEDMENT VARIES TO SUIT FIELD CONDITIONS.
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SEE DRAWING C209 FOR ADDITIONAL ACCESS ROAD DETAILS



SEE CULVERT NOTES FOR ADDITIONAL DETAIL

CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

CONCESSION RD. 3

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Client/Project

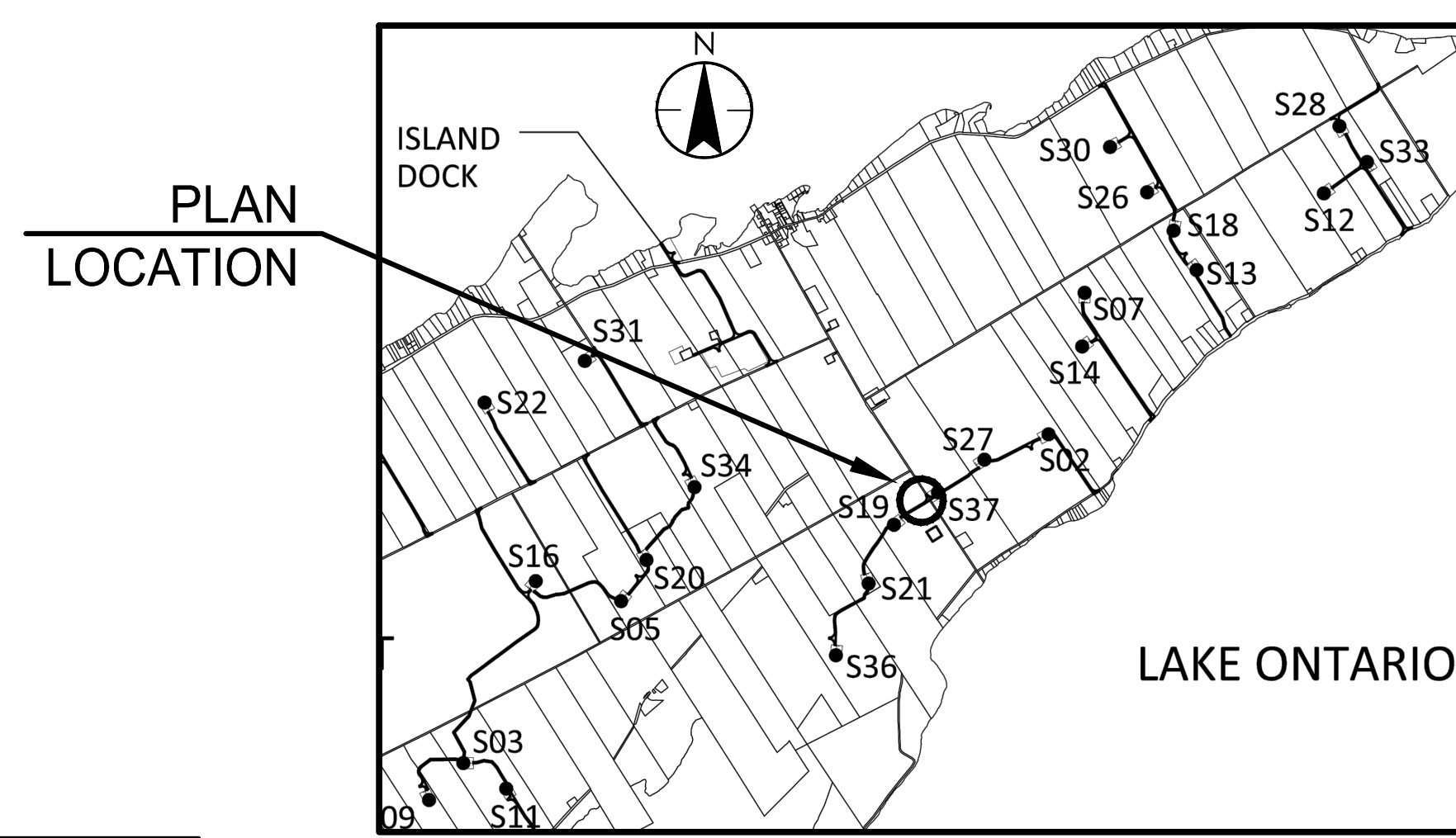


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

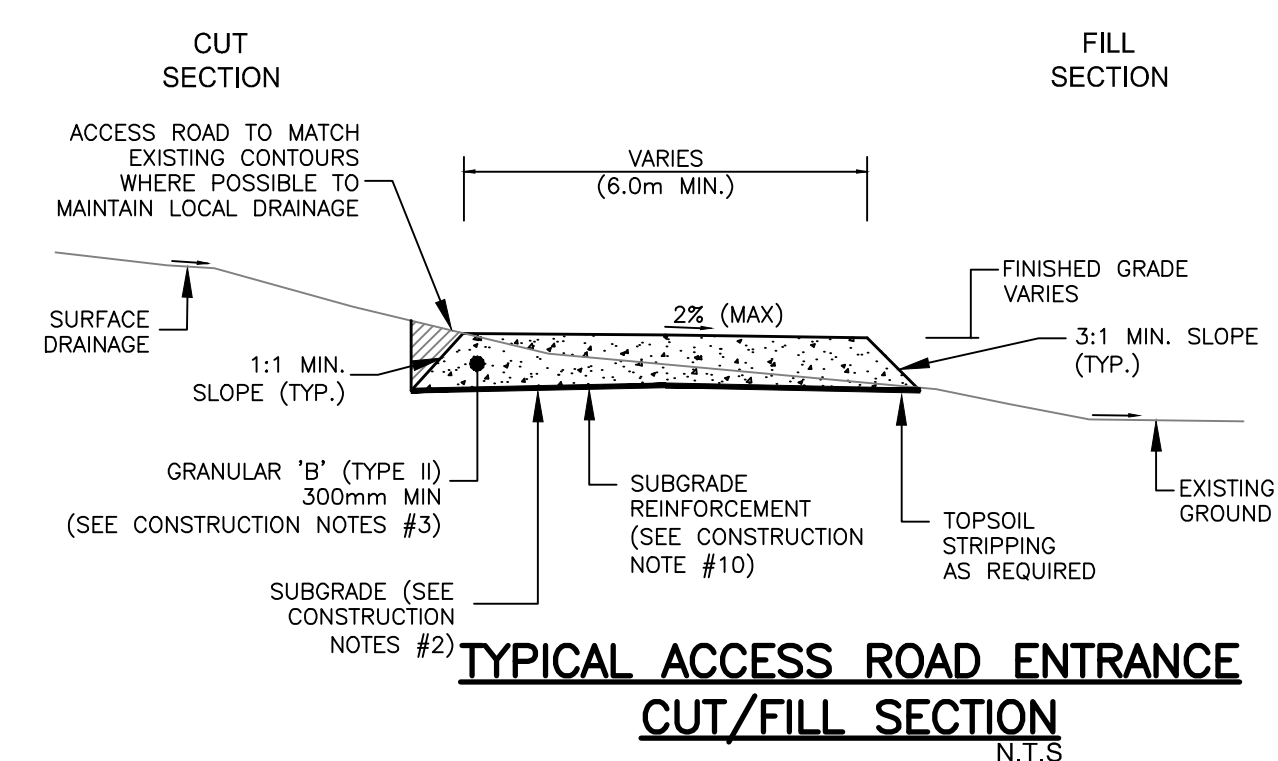
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TEMPORARY ENTRANCE LAYOUT
STELLA 40 FOOT ROAD
ENTRANCE FOR TURBINES S19, S21, & S36

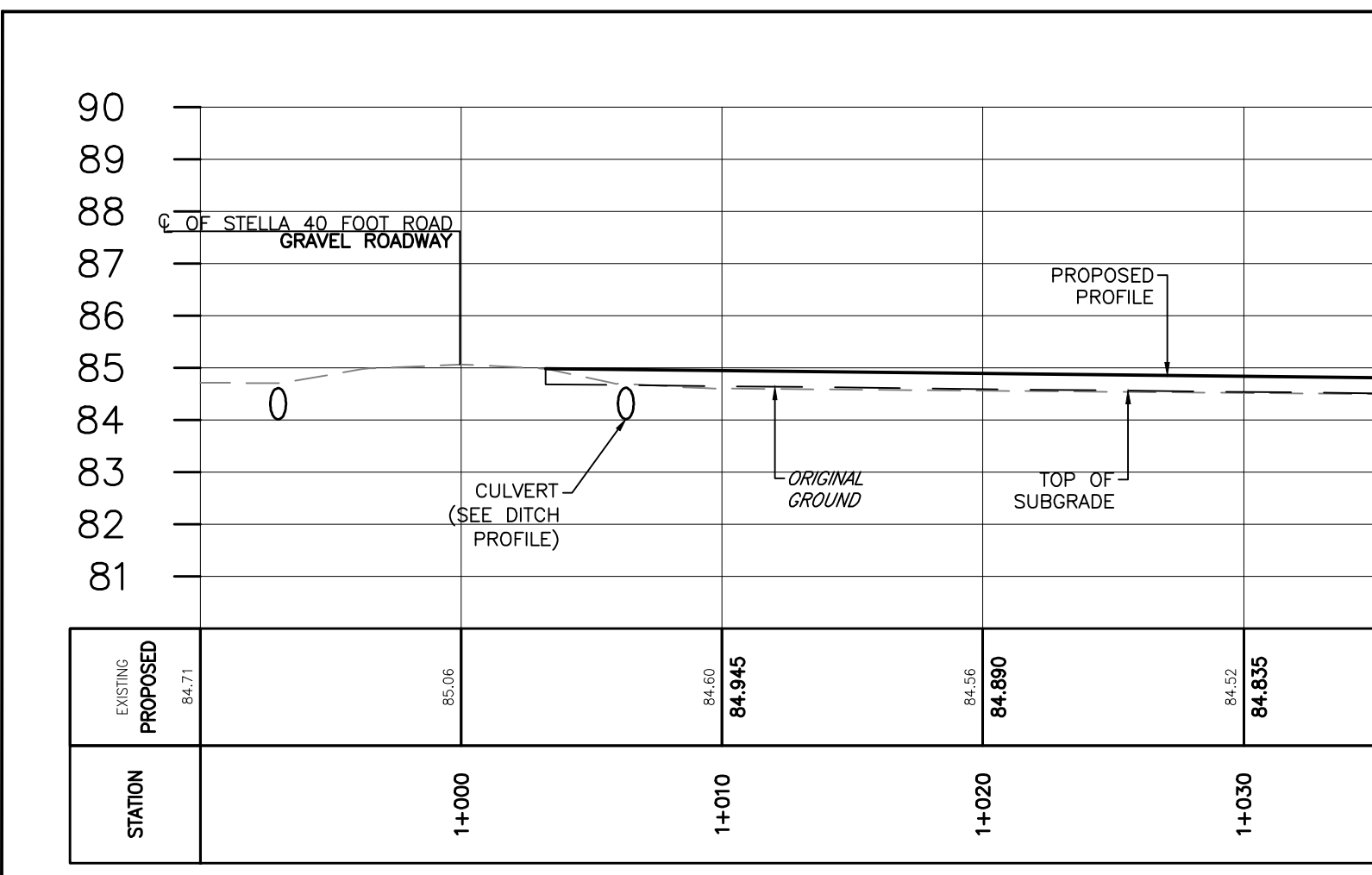
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Drawing No.	Sheet	Revision	



KEY PLAN
N.T.S.



TYPICAL ACCESS ROAD ENTRANCE CUT/FILL SECTION
N.T.S.



S19, S21, & S36 ENTRANCE PROFILE

- CONSTRUCTION NOTES
- ACCESS ROAD AREAS TO BE STRIPPED OF TOPSOIL WITHIN GRADING LIMITS. TOPSOIL TO BE WINDROWED ALONG ACCESS ROAD WITHIN CONSTRUCTIBLE AREA AND APPLICABLE SILT FENCES.
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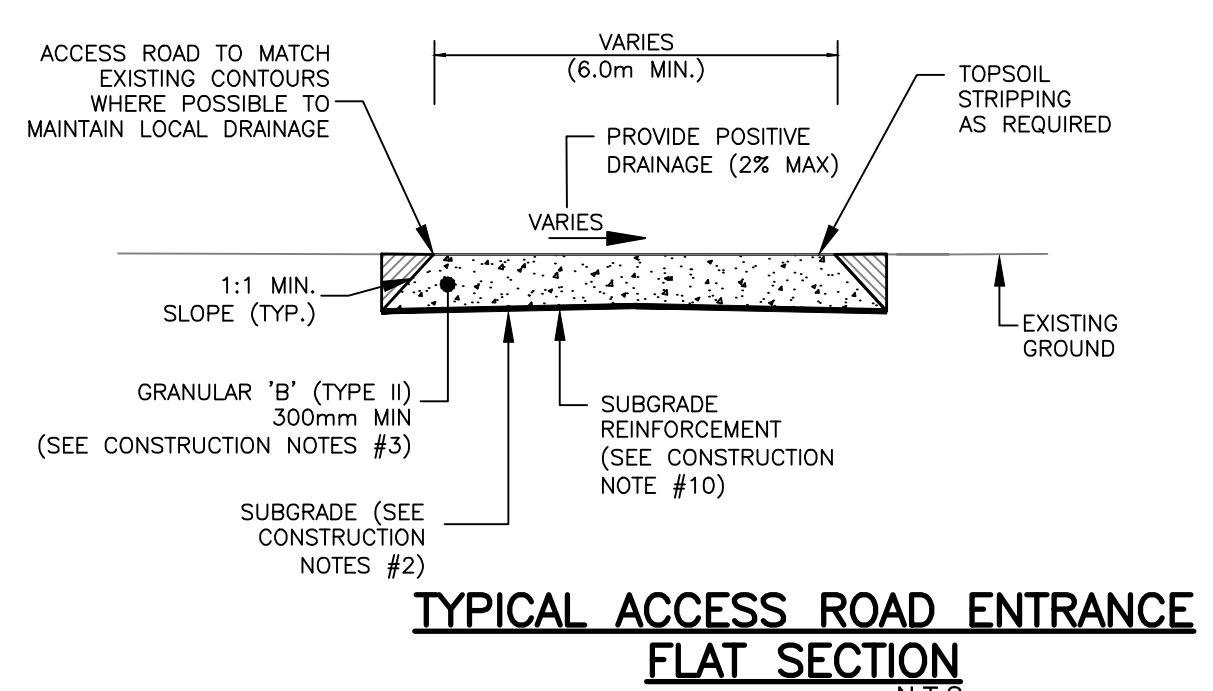
- EROSION AND SEDIMENT CONTROL NOTES
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S19 ACCESS ROAD

SEE DRAWING C210 FOR ADDITIONAL ACCESS ROAD DETAILS

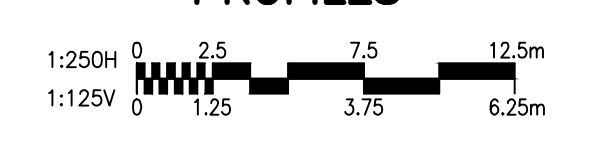
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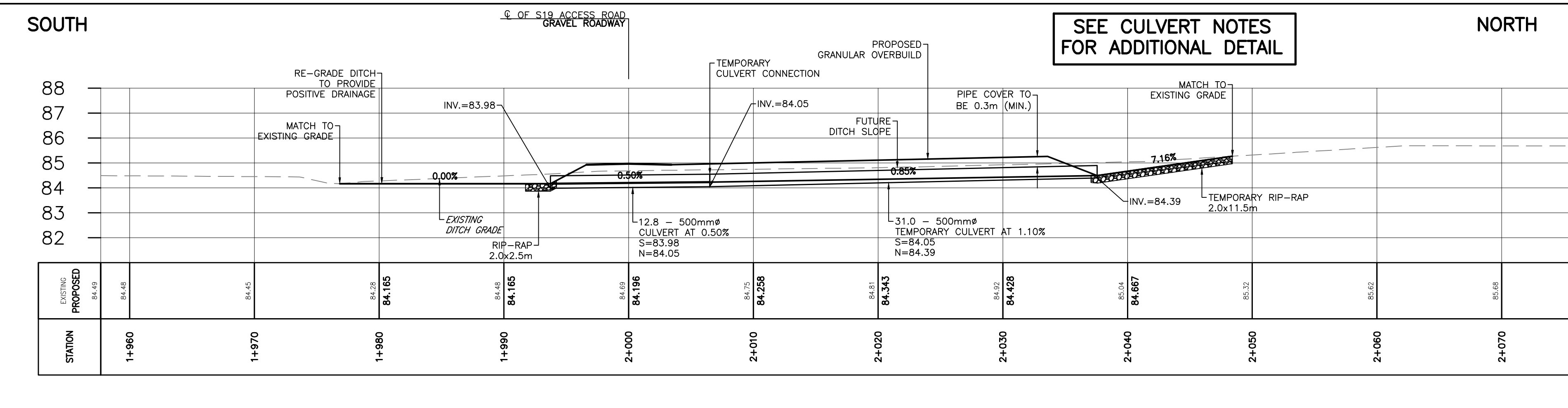
TYPICAL ACCESS ROAD ENTRANCE FLAT SECTION
N.T.S.

PROFILES



CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

S19, S21, & S36 DITCH PROFILE



SEE CULVERT NOTES FOR ADDITIONAL DETAIL

SEE DRAWING C211-Ent FOR EAST SIDE CULVERT DETAILS

STELLA 40 FOOT ROAD



PLAN

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Client/Project

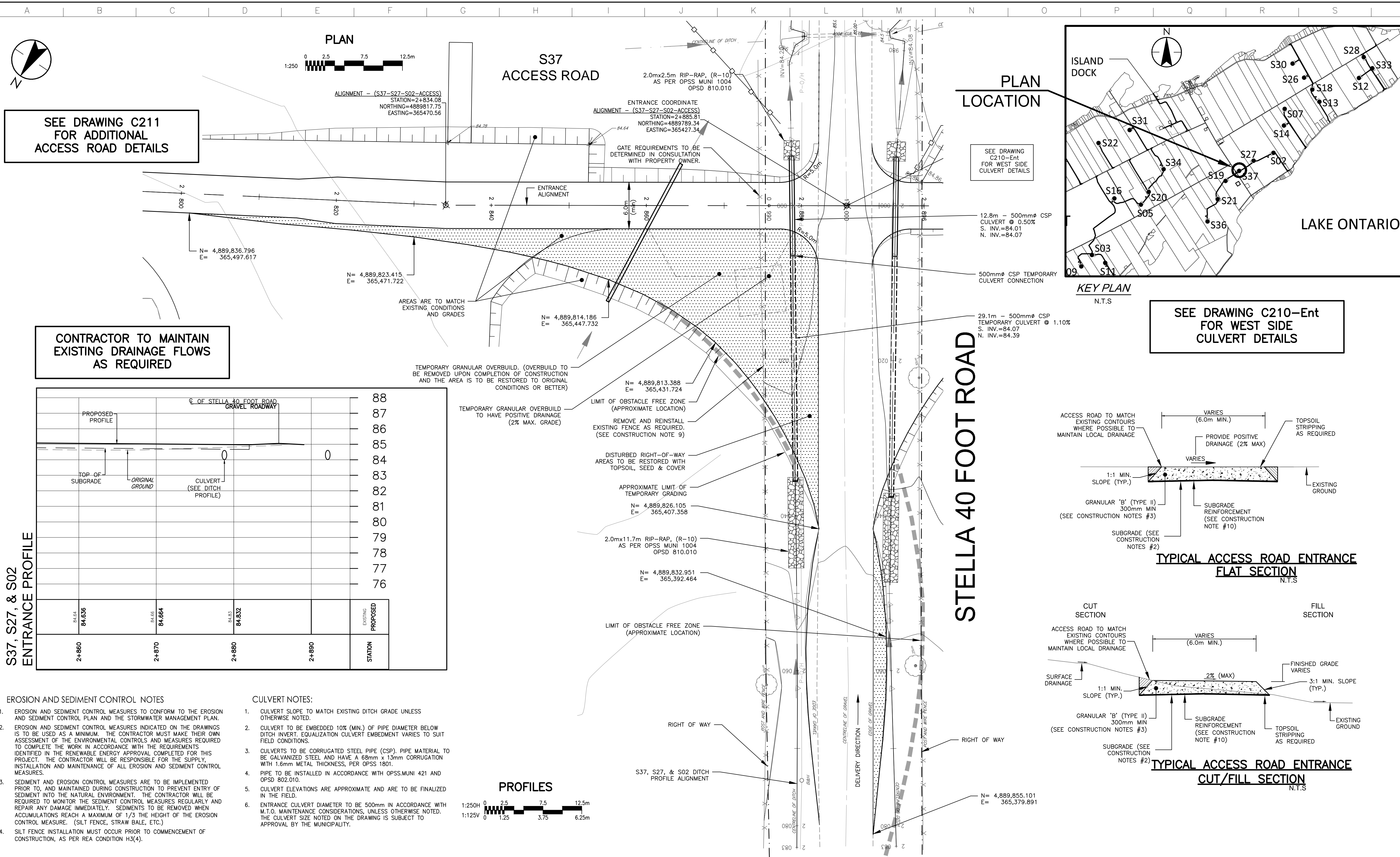


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

TEMPORARY ENTRANCE LAYOUT
STELLA 40 FOOT ROAD
ENTRANCE FOR TURBINES S02, S27, & S37

Project No.	133560100	Scale	1:250H 1:125V
Drawing No.	Sheet	Revision	



EROSION AND SEDIMENT CONTROL NOTES

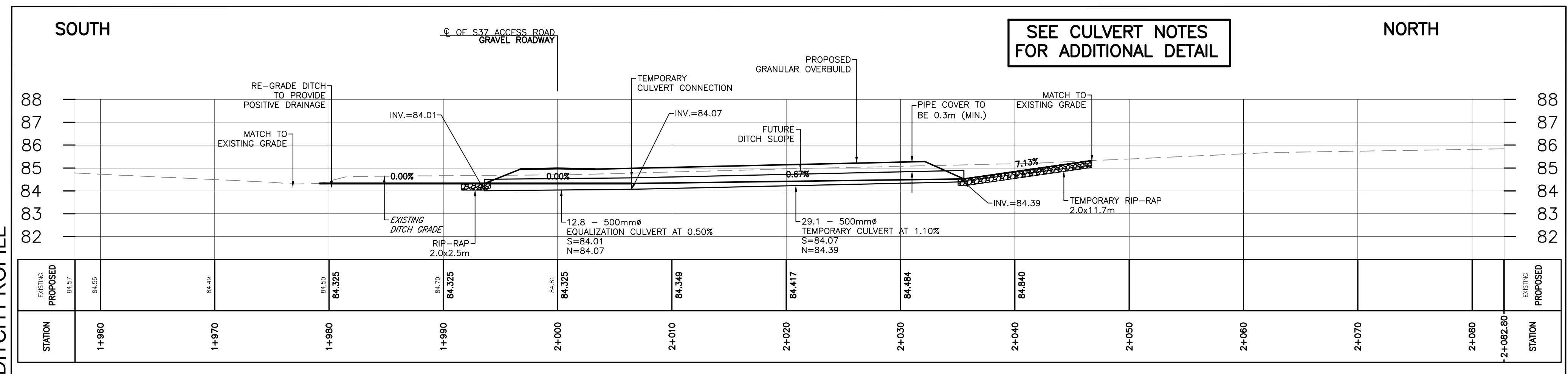
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Legend

- EXISTING OVERLAND FLOW/DITCH DIRECTION
- PROPOSED DITCH FLOW
- - - - - EXISTING GROUND CONTOURS (AS PER NOTE 4 ABOVE)
- - - - - EXISTING GROUND CONTOURS (FROM LIDAR MAPPING)
- - - - - PROPERTY LINE
- - - - - PROPOSED SILT FENCING
- ▨ TEMPORARY OVERBUILD AREA

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<input type="checkbox"/> Reviewed - No comments	Date [dd-mm-yy]
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Project Manager - PHCL	Date [dd-mm-yy]
Project Manager - Windlectric	Date [dd-mm-yy]
Owner:	

C	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.04
B	ISSUED FOR FINAL REVIEW	RCL	MPG	16.11.25
A	ISSUED FOR CLIENT REVIEW	RCL	MPG	16.10.18
Revision		By	Appd.	YY.MM.DD

File Name:	C200-C215_133560100-Entrances.dwg	RCL	MPG	RCL	16.09.16
Permit-Seal		Dwn.	Chkd.	Dign.	YY.MM.DD

Client/Project

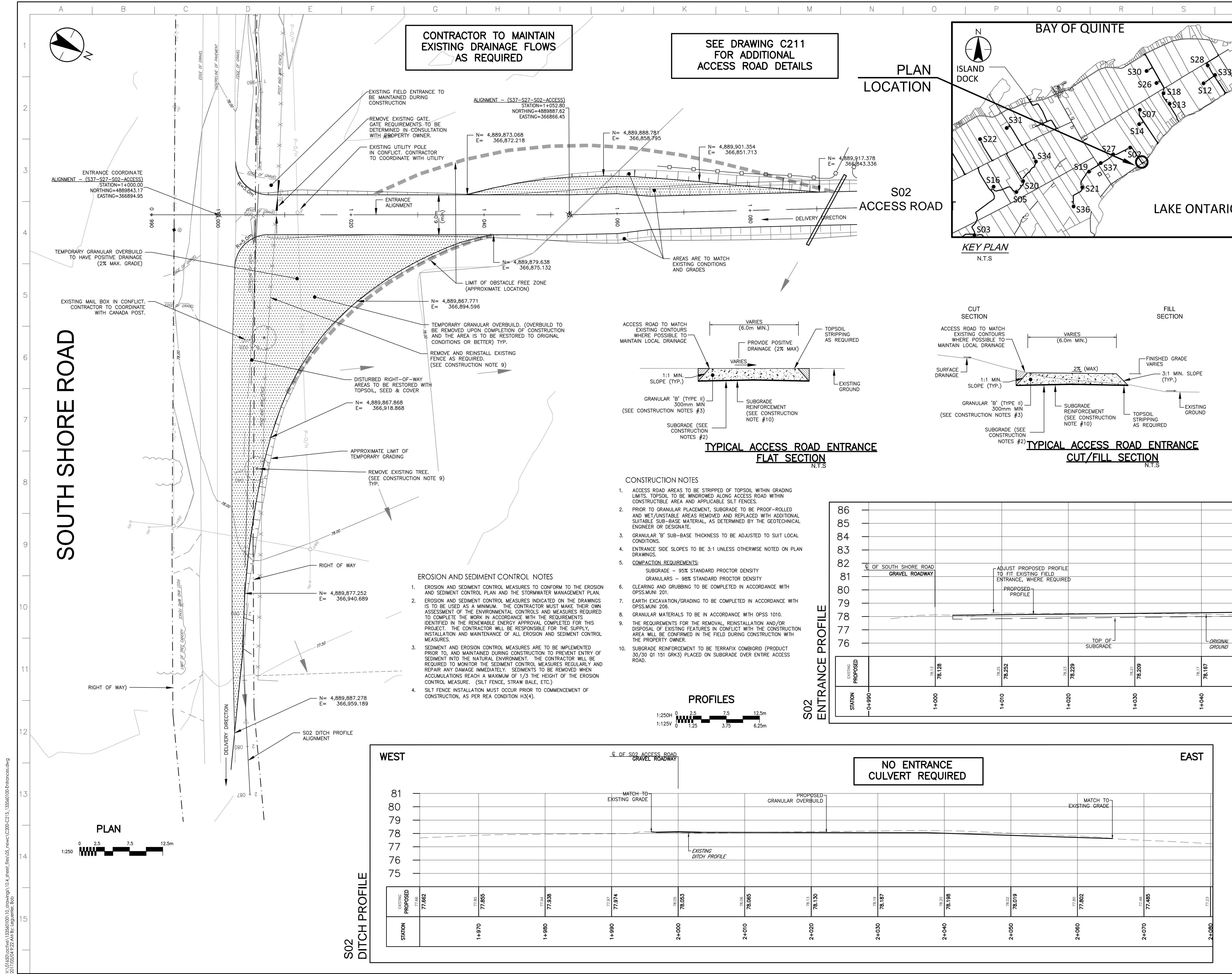


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

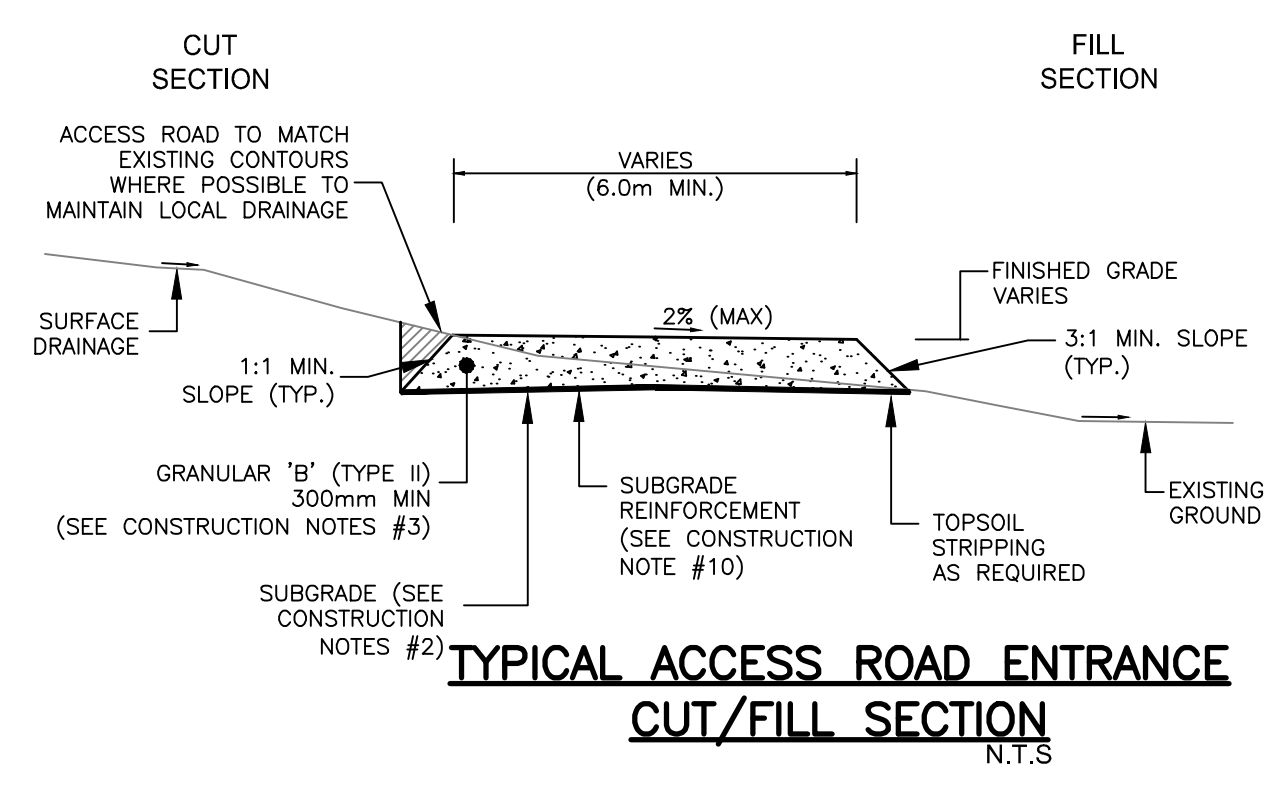
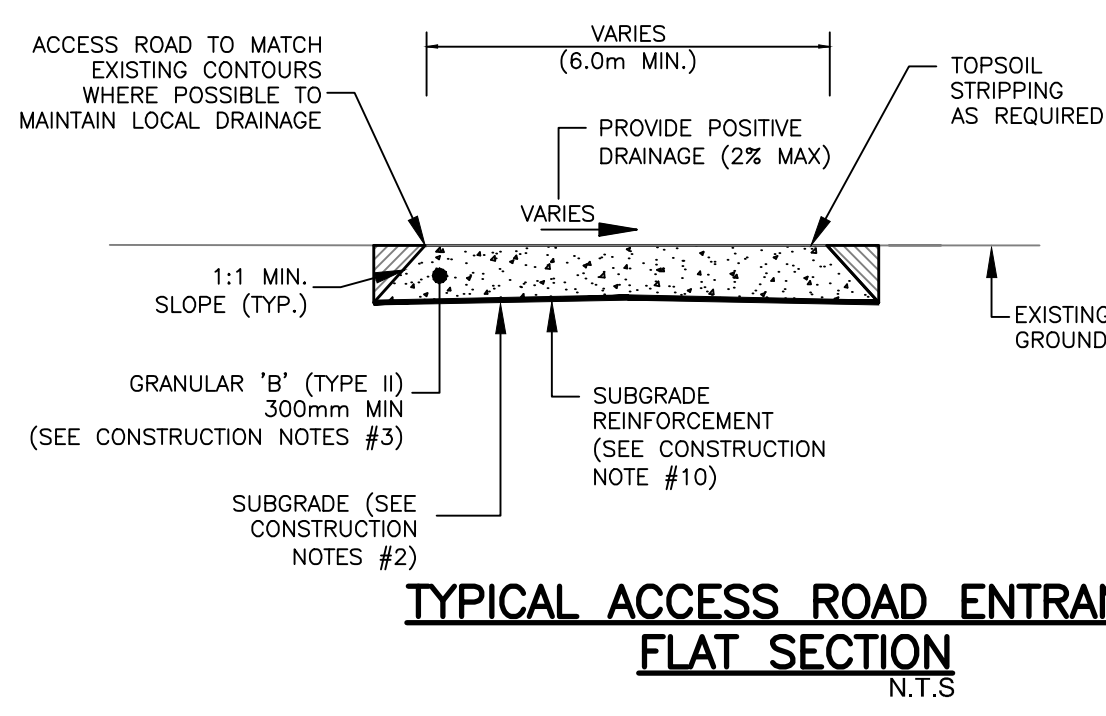
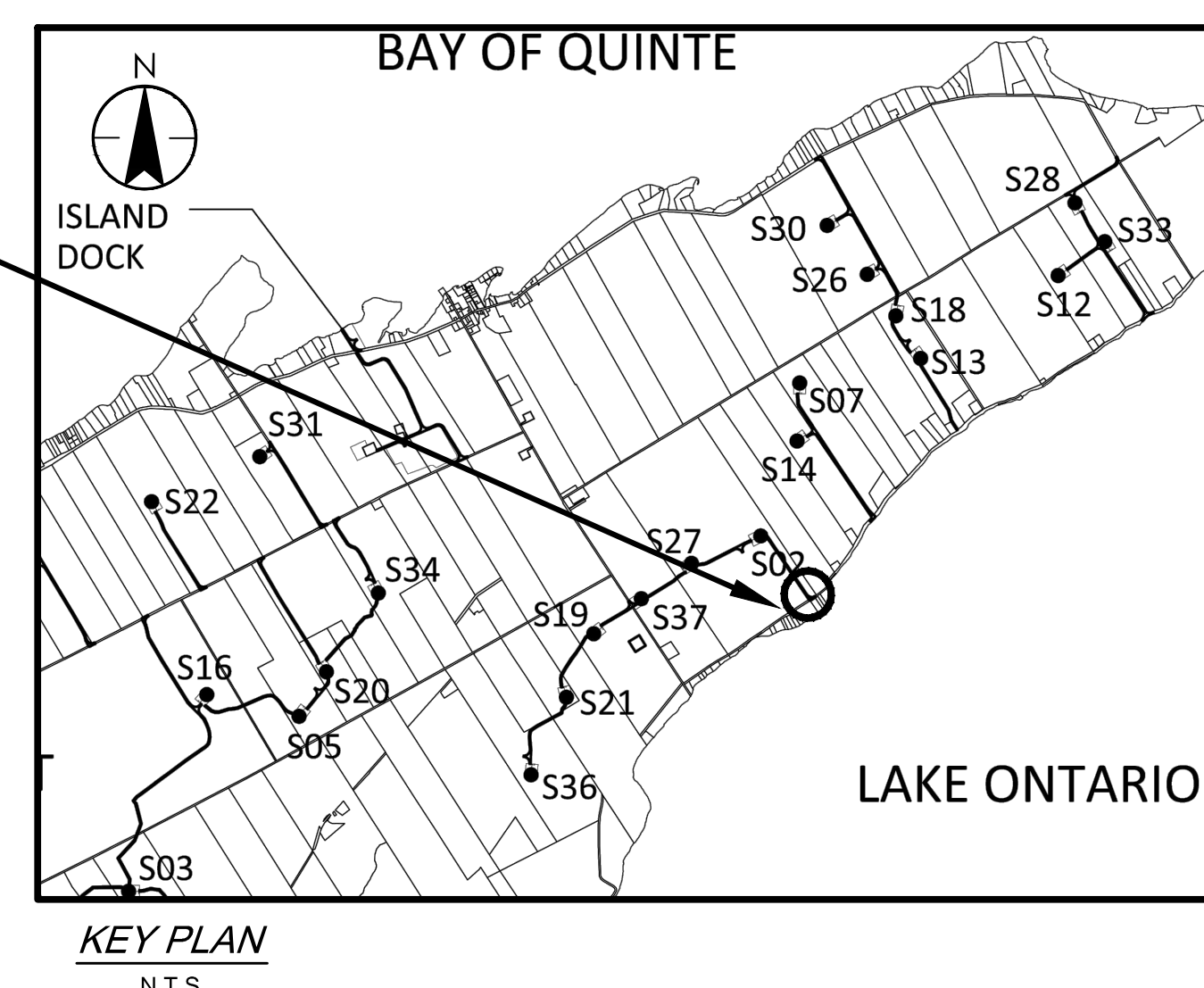
TEMPORARY ENTRANCE LAYOUT
SOUTH SHORE ROAD
ENTRANCE FOR TURBINES S02, S27, & S37

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Drawing No.	Sheet	Revision	



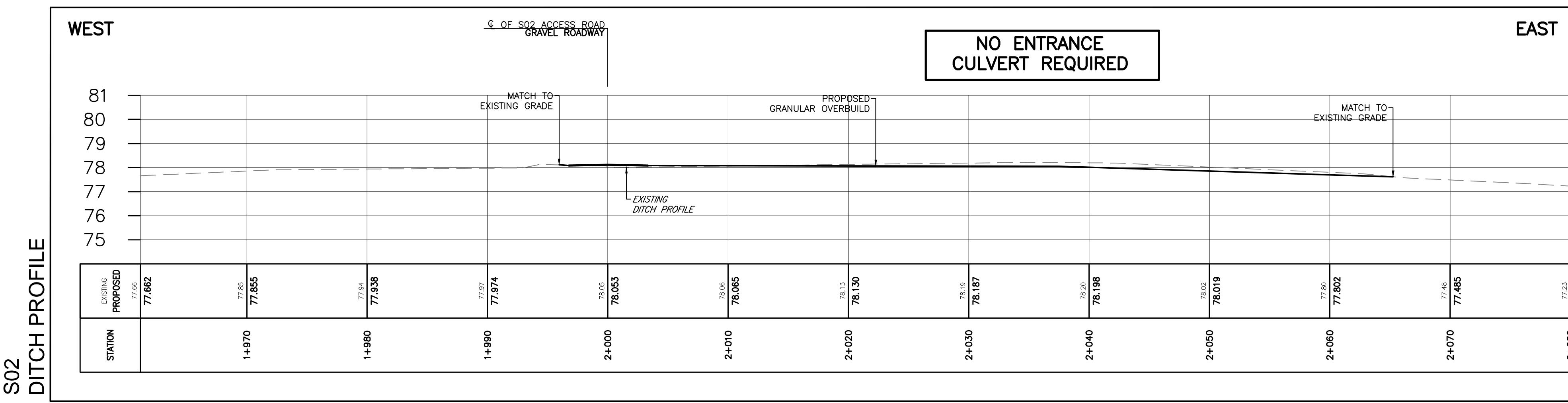
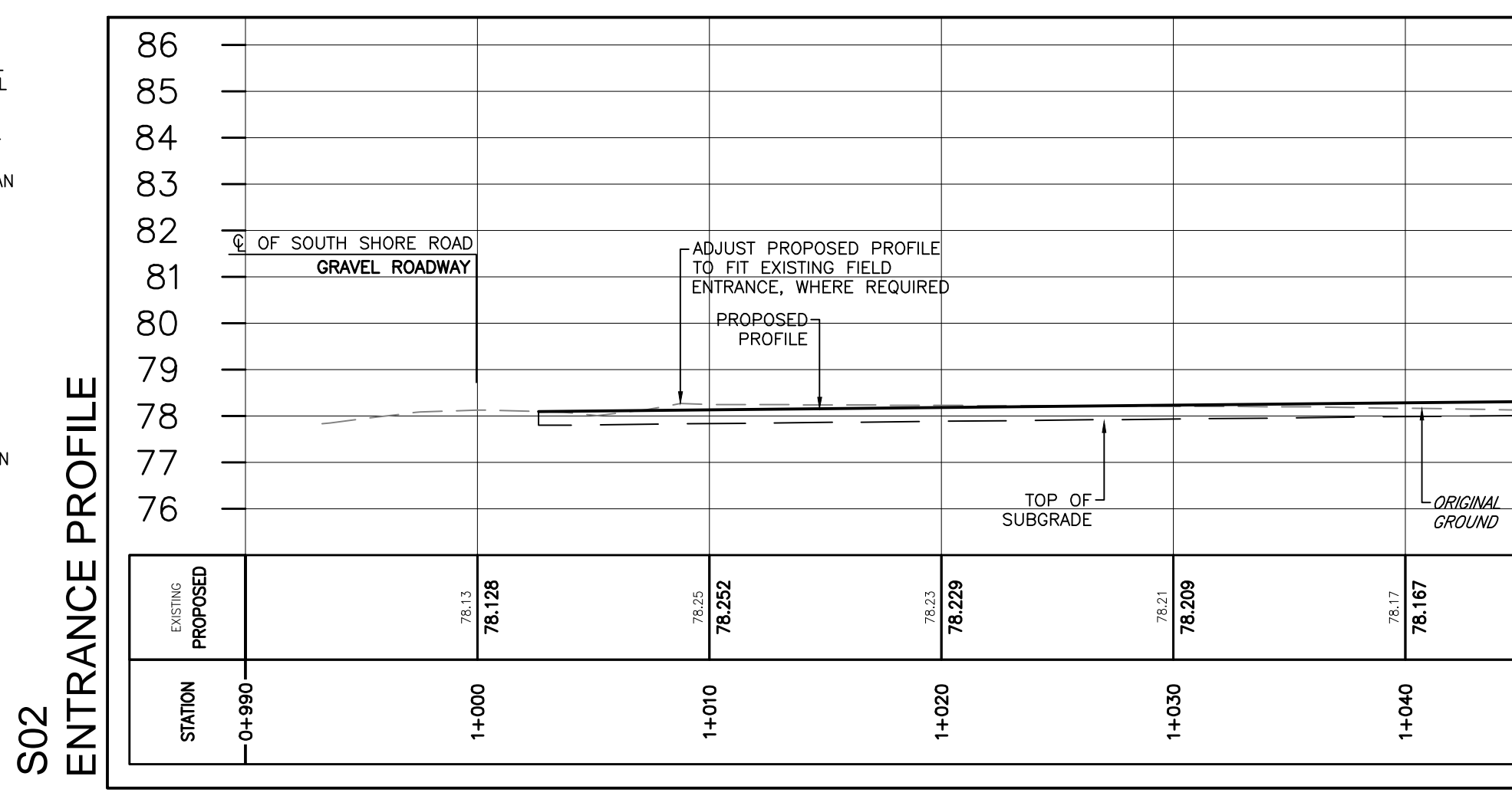
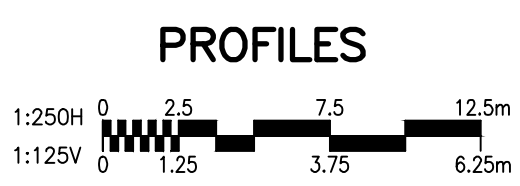
CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

SEE DRAWING C211 FOR ADDITIONAL ACCESS ROAD DETAILS



- CONSTRUCTION NOTES
- ACCESS ROAD AREAS TO BE STRIPPED OF TOPSOIL WITHIN GRADING LIMITS. TOPSOIL TO BE WINDROWED ALONG ACCESS ROAD WITHIN CONSTRUCTIBLE AREA AND APPLICABLE SILT FENCES.
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- EROSION AND SEDIMENT CONTROL NOTES
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SOUTH SHORE ROAD

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Owner:	

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Revision		By	Appd.	YY.MM.DD

File Name:	C200-C215_133560100-Entrances.dwg	RCL	MPG	RCL	16.09.16
Permit/Seal		Dwn.	Chkd.	Dign.	YY.MM.DD

Client/Project



AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

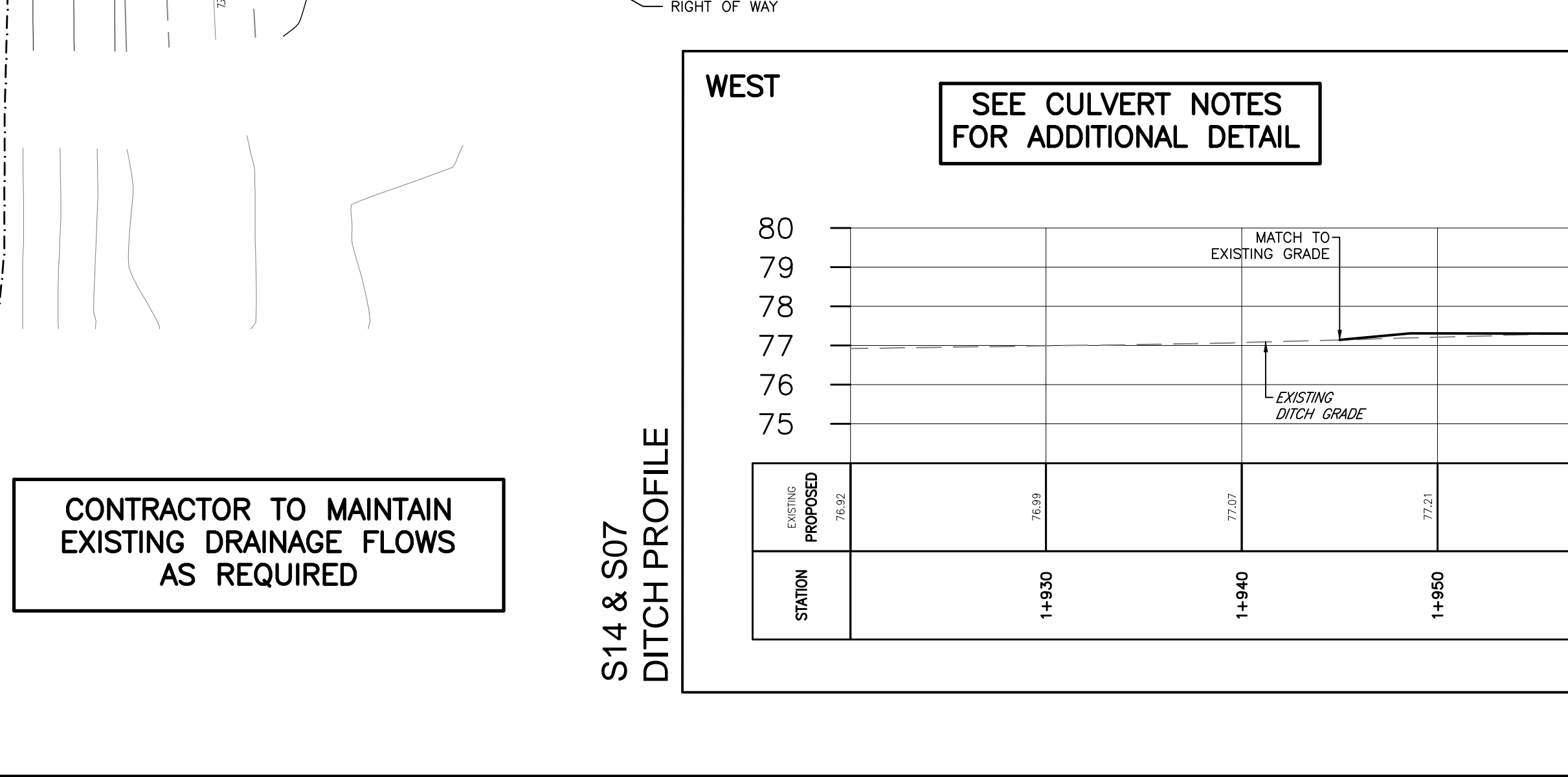
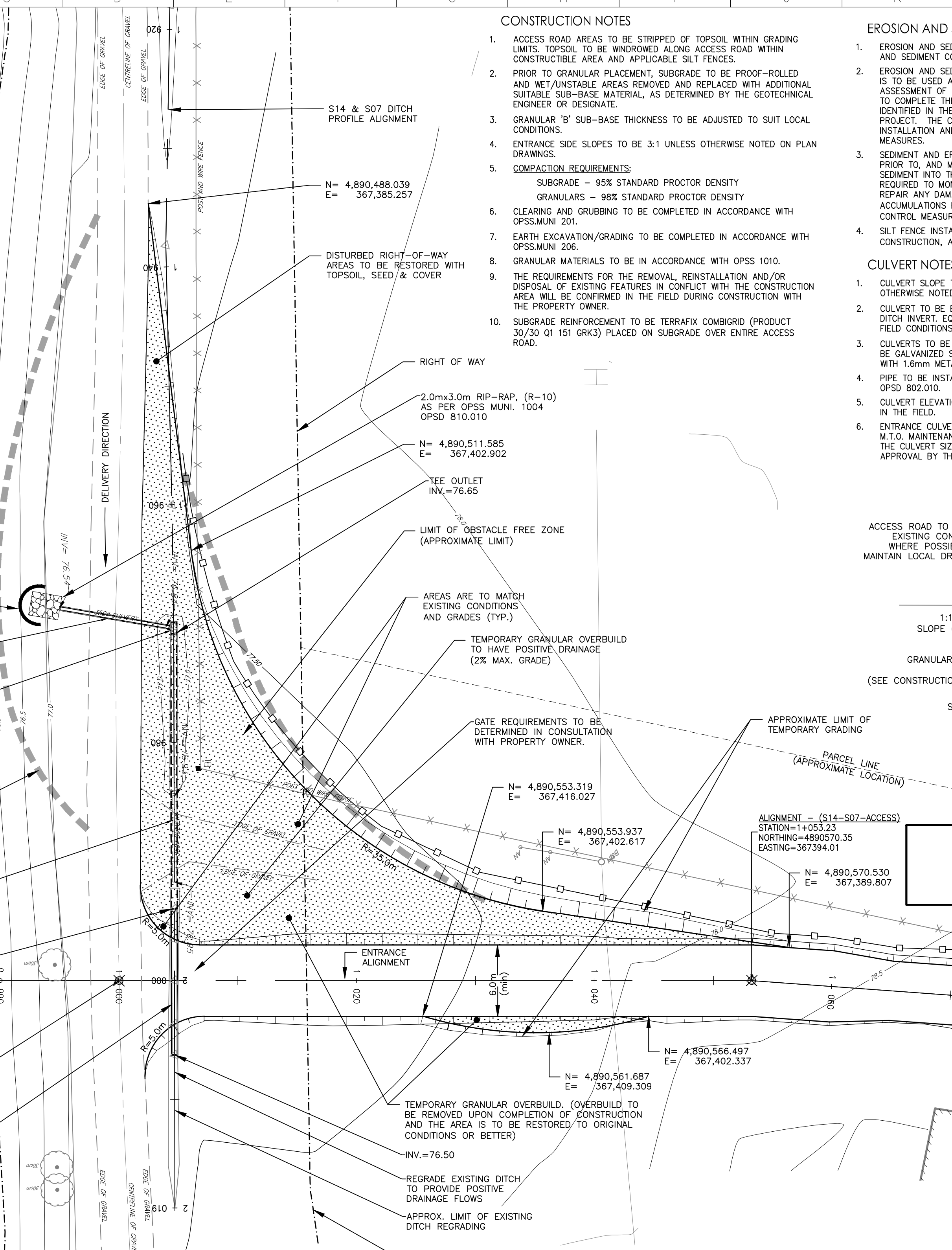
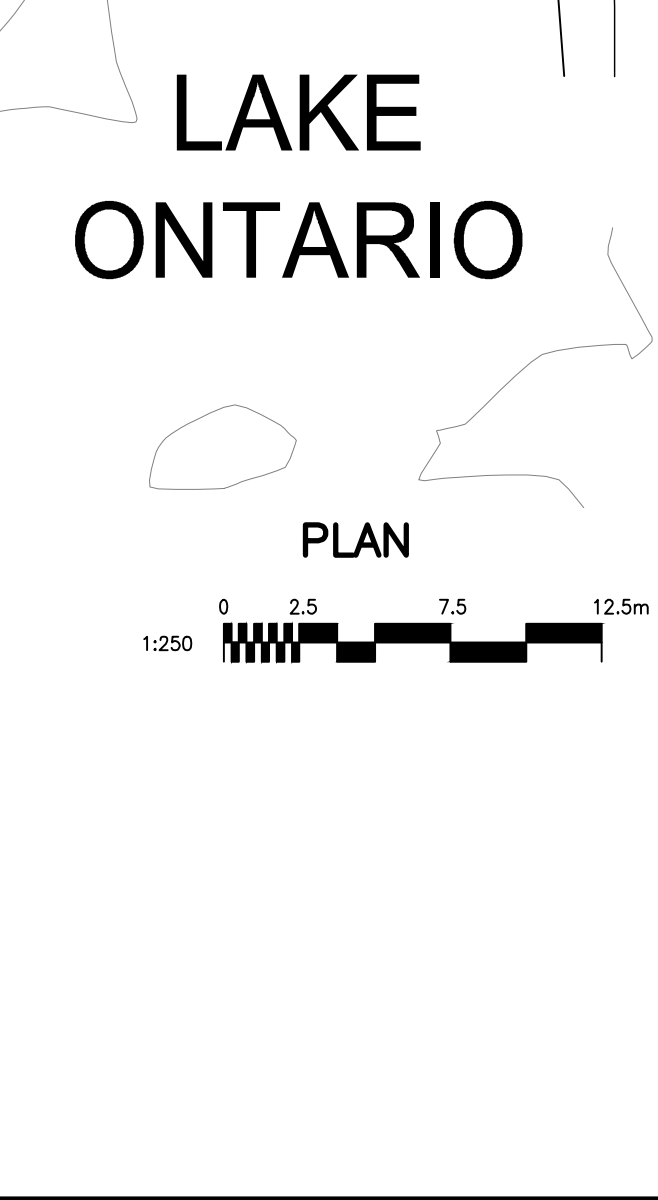
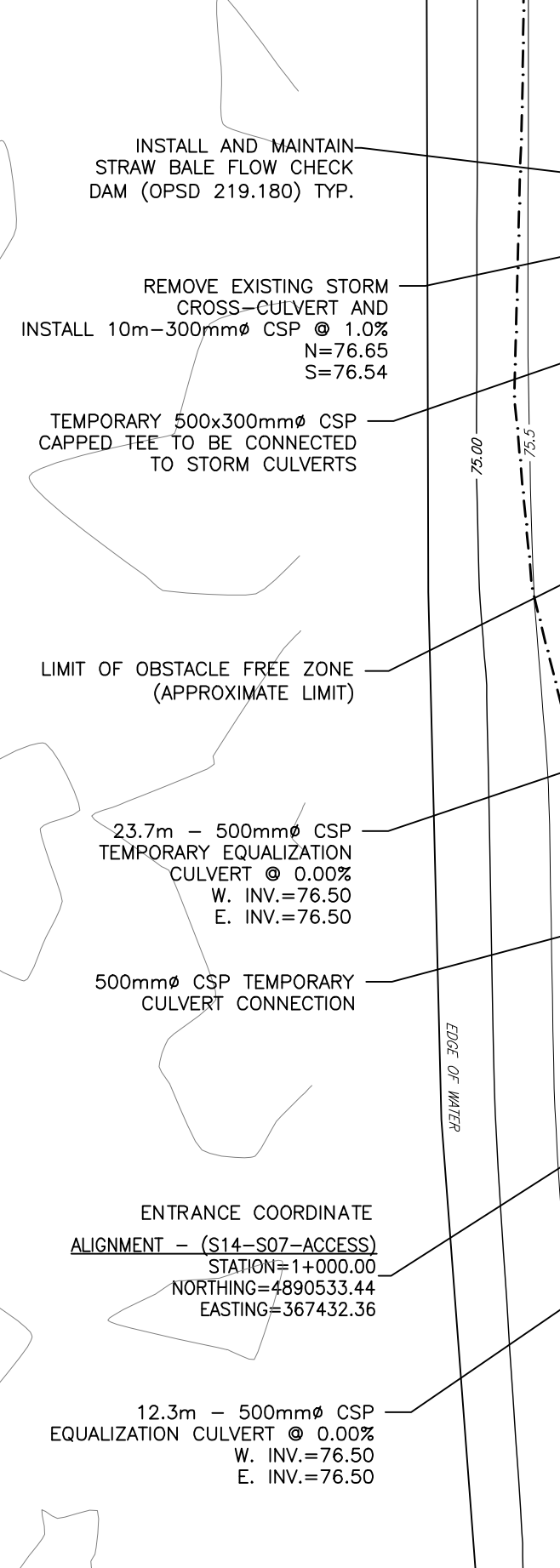
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TEMPORARY ENTRANCE LAYOUT
SOUTH SHORE ROAD
ENTRANCE FOR TURBINES S07, & S14

Project No.	133560100	Scale	1:250H 1:125V
Drawing No.	Sheet	Revision	

SEE MUNICIPAL ROAD IMPROVEMENT DRAWINGS FOR ADDITIONAL IMPROVEMENT DETAILS

SOUTH SHORE ROAD



CONSTRUCTION NOTES

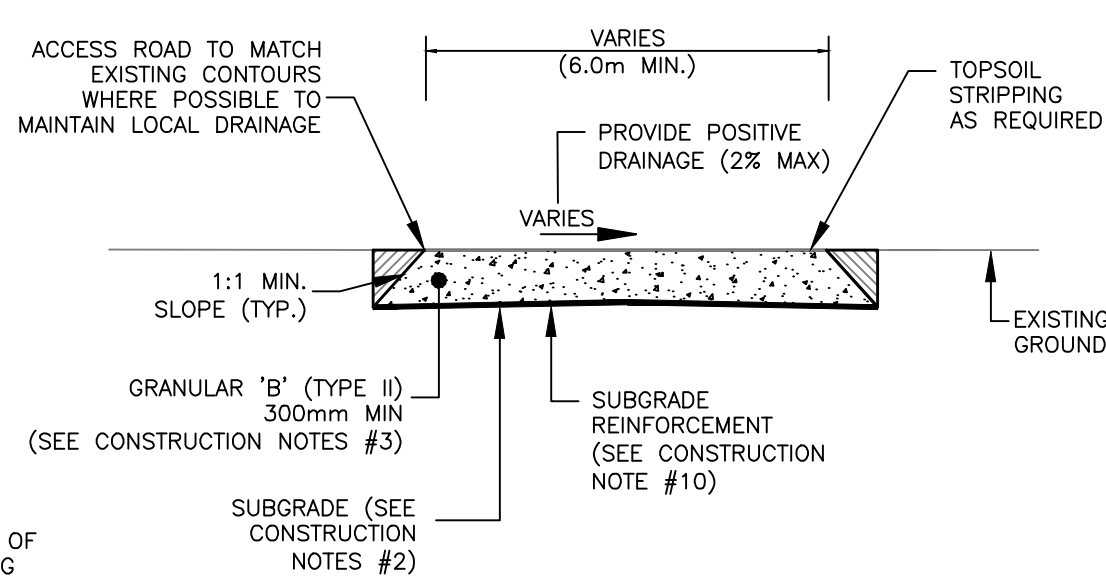
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EROSION AND SEDIMENT CONTROL NOTES

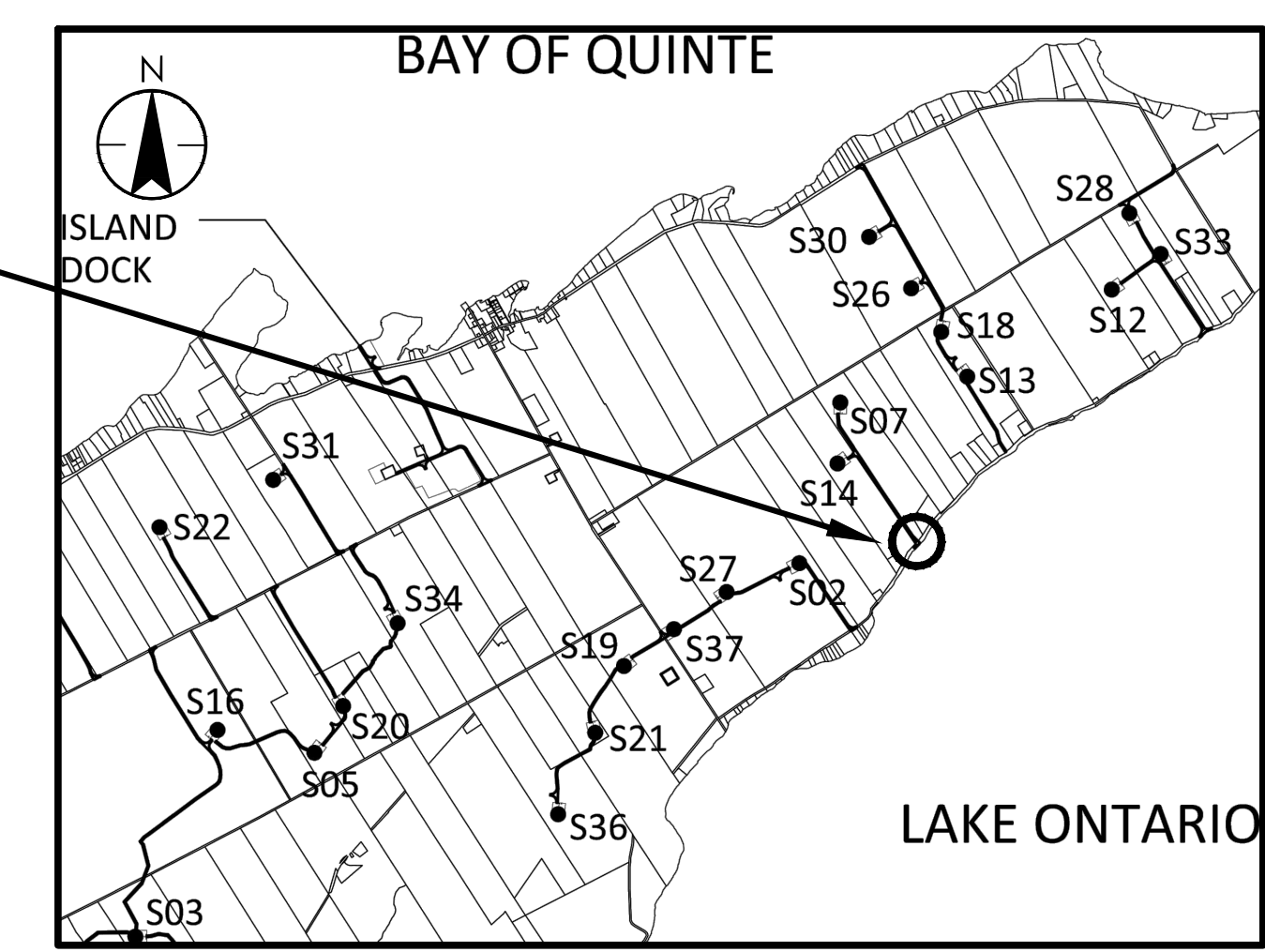
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CULVERT NOTES:

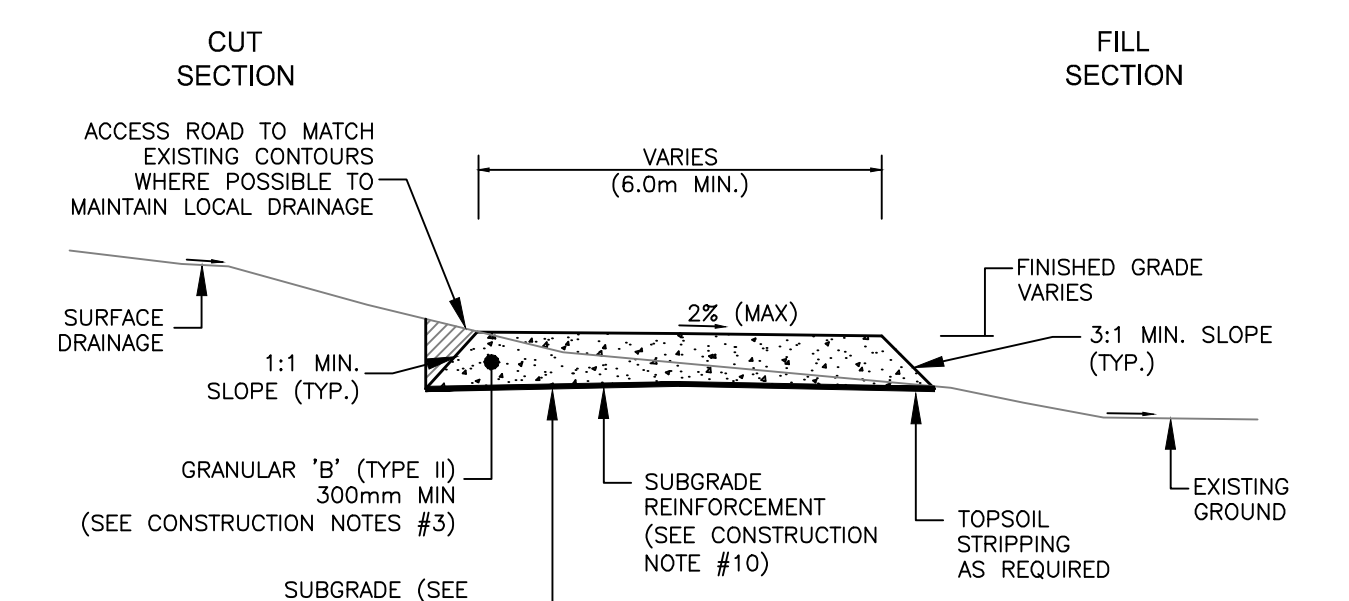
- CULVERT SLOPE TO MATCH EXISTING DITCH GRADE UNLESS OTHERWISE NOTED.
- CULVERT TO BE EMBEDDED 10% (MIN.) OF PIPE DIAMETER BELOW DITCH INVERT. EQUALIZATION CULVERT EMBEDMENT VARIES TO SUIT FIELD CONDITIONS.
- CULVERTS TO BE CORRUGATED STEEL PIPE (CSP). PIPE MATERIAL TO BE GALVANIZED STEEL AND HAVE A 68mm x 1.3mm CORRUGATION WITH 1.6mm METAL THICKNESS, PER OPSS 1801.
- PIPE TO BE INSTALLED IN ACCORDANCE WITH OPSS.MUNI 421 AND OPSS 802.010.
- CULVERT ELEVATIONS ARE APPROXIMATE AND ARE TO BE FINALIZED IN THE FIELD.
- ENTRANCE CULVERT DIAMETER TO BE 500mm IN ACCORDANCE WITH M.T.O. MAINTENANCE CONSIDERATIONS, UNLESS OTHERWISE NOTED. THE CULVERT SIZE NOTED ON THE DRAWING IS SUBJECT TO APPROVAL BY THE MUNICIPALITY.



TYPICAL ACCESS ROAD ENTRANCE FLAT SECTION N.T.S.

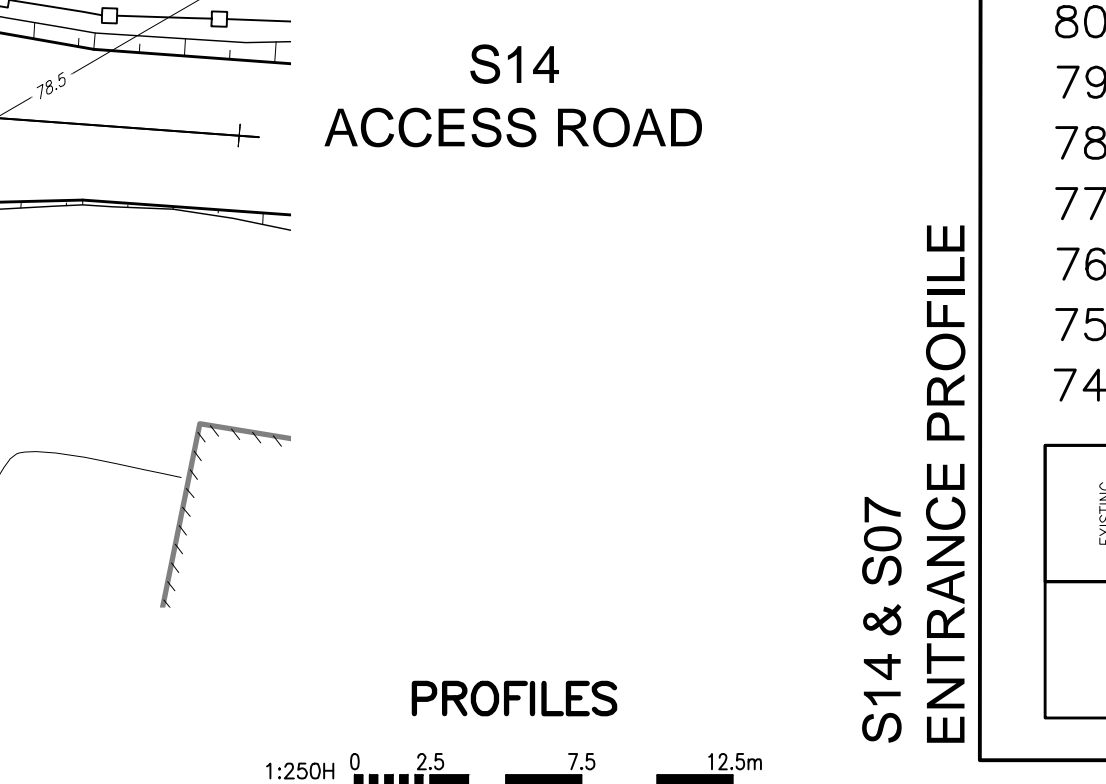


KEY PLAN N.T.S.



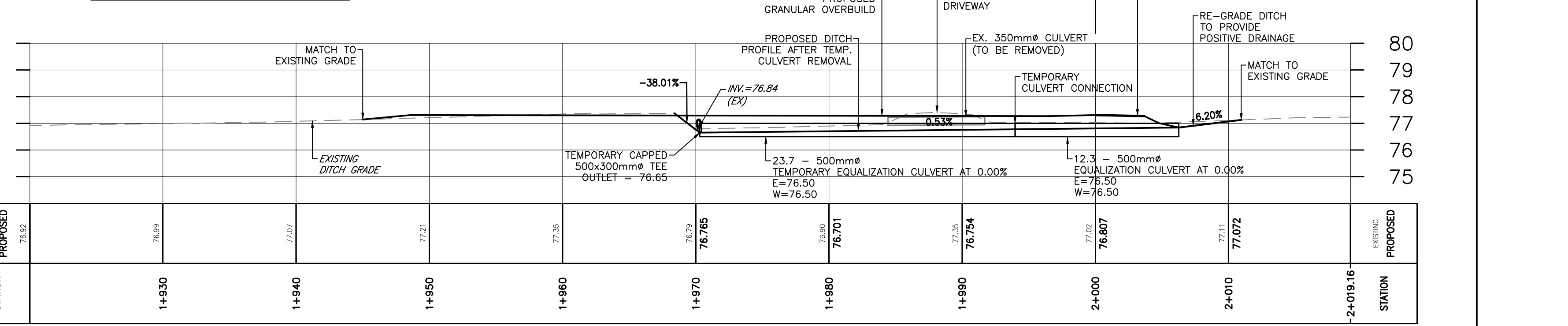
TYPICAL ACCESS ROAD ENTRANCE CUT/FILL SECTION N.T.S.

SEE DRAWING C212 FOR ADDITIONAL ACCESS ROAD DETAILS



S14 & S07 ENTRANCE PROFILE

SEE CULVERT NOTES FOR ADDITIONAL DETAIL



S14 & S07 DITCH PROFILE

CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

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Legend

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- PROPOSED DITCH FLOW
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Project Manager - Windlectric: _____	Date [dd-mm-YYYY]
Owner: _____	

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Revision		By	Appd.	YY.MM.DD

File Name:	C200-C215_133560100-Entrances.dwg	RCL	MPG	RCL	16.09.16
Permit-Seal		Dwn.	Chkd.	Dign.	YY.MM.DD

Client/Project

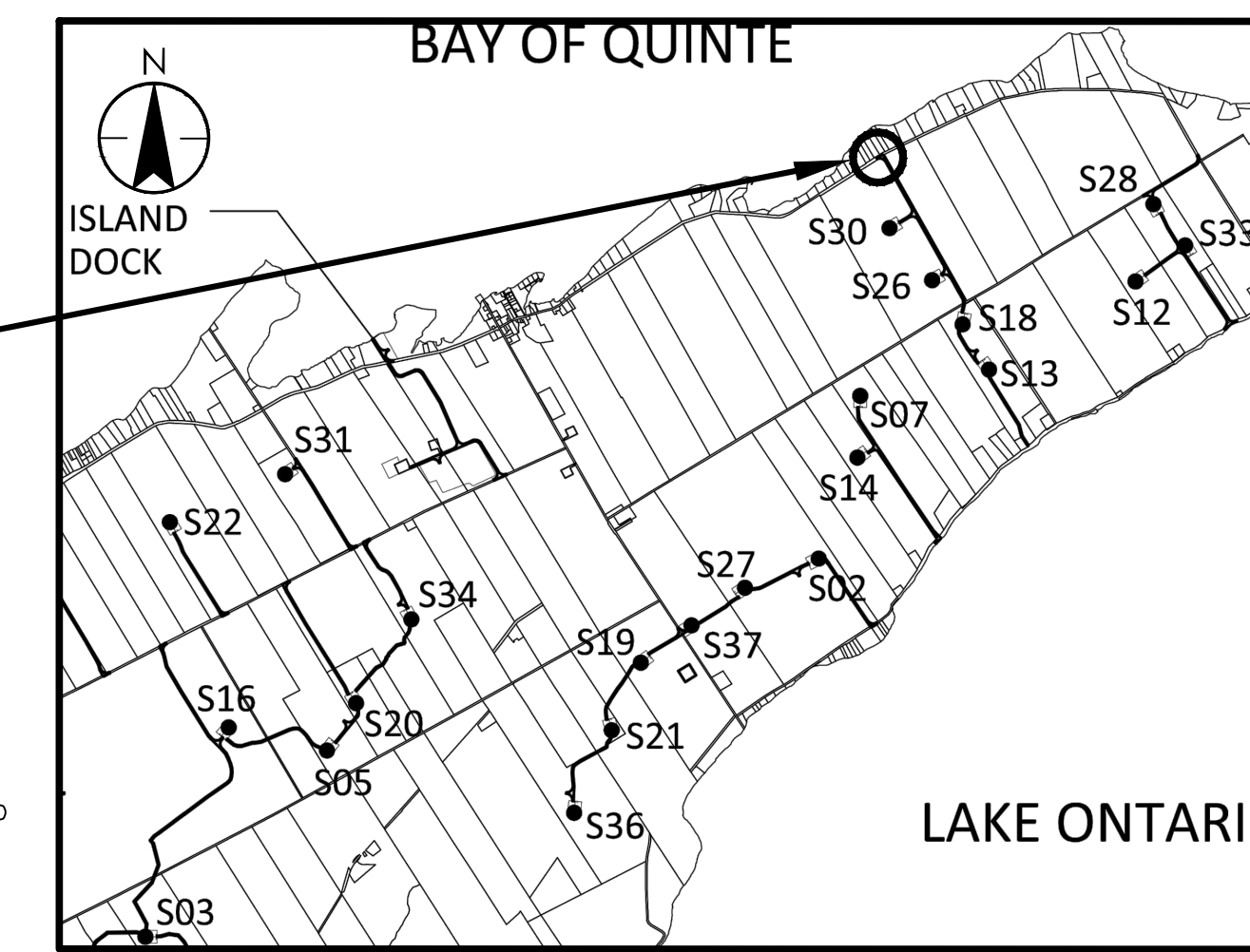


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

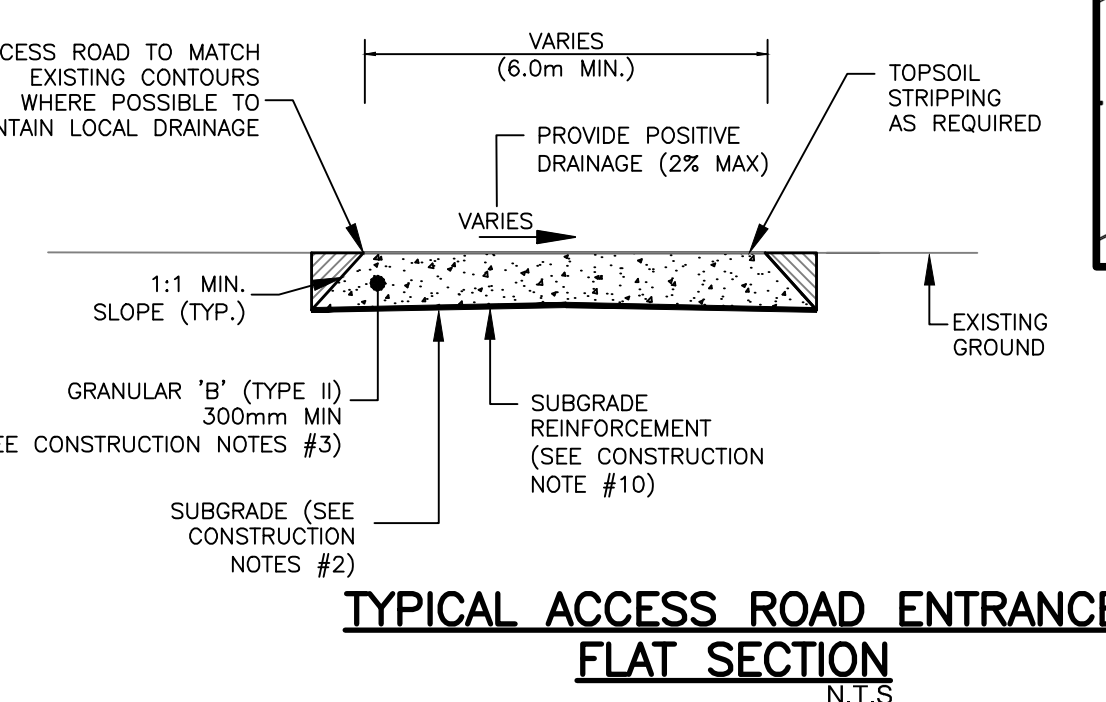
Title

TEMPORARY ENTRANCE LAYOUT
FRONT ROAD
ENTRANCE FOR TURBINES S30, S26, S18, & S13

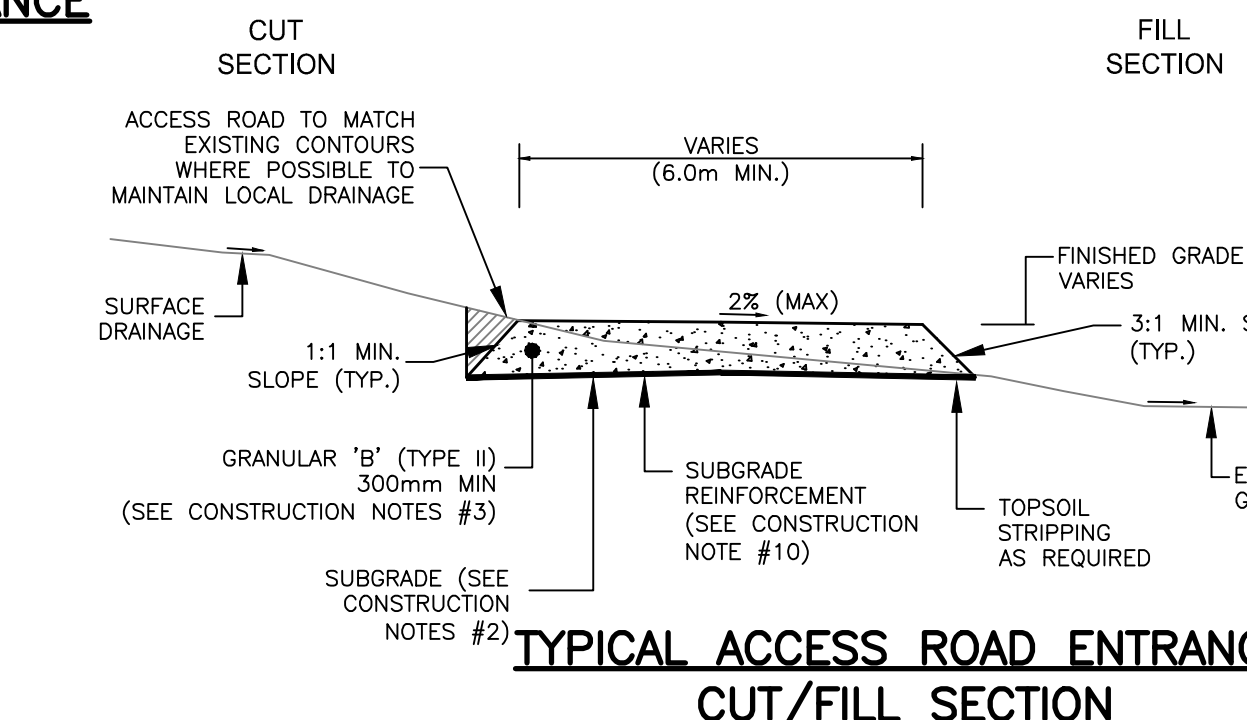
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Drawing No.	Sheet	Revision	



KEY PLAN
N.T.S

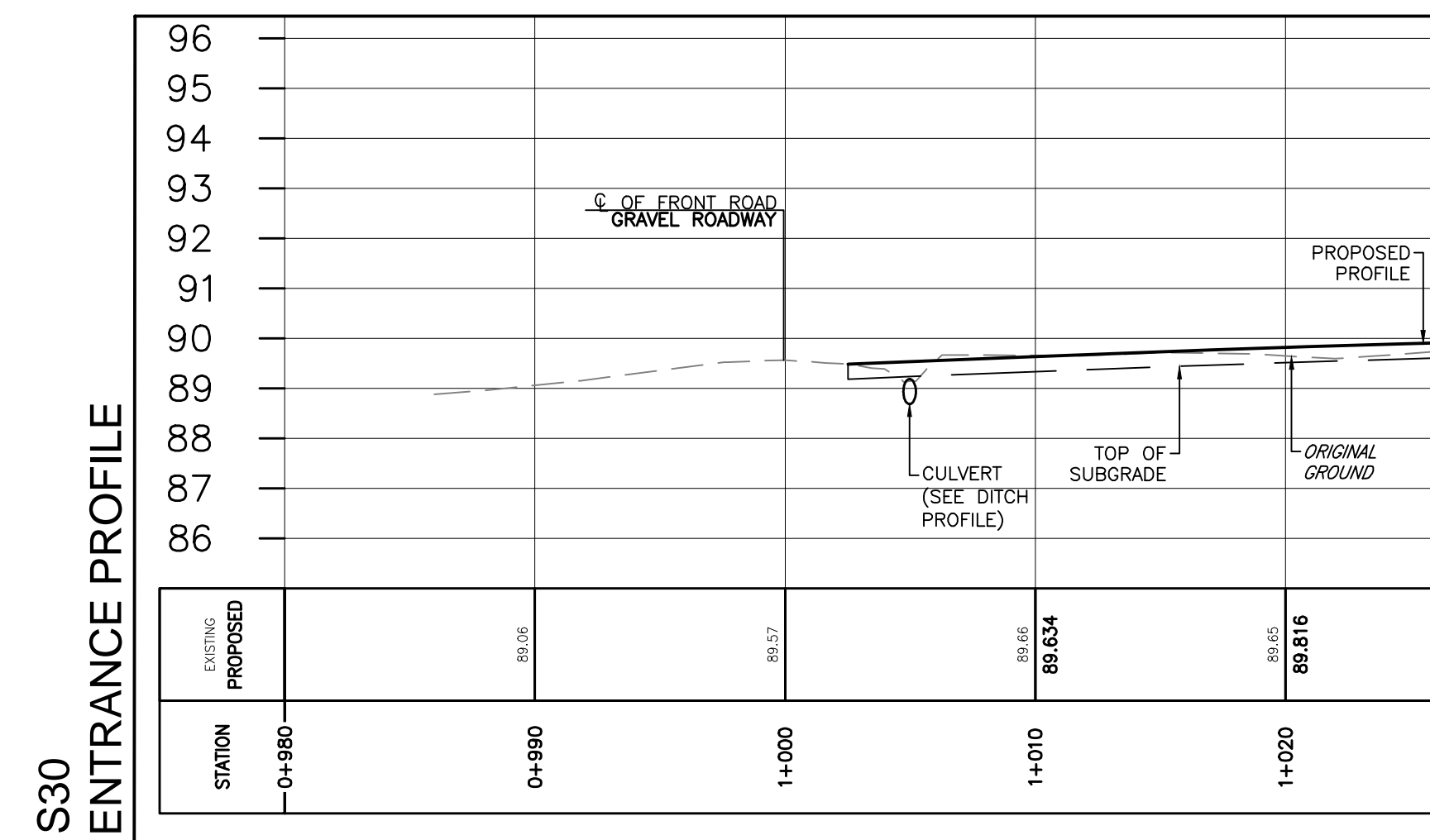


TYPICAL ACCESS ROAD ENTRANCE
FLAT SECTION
N.T.S

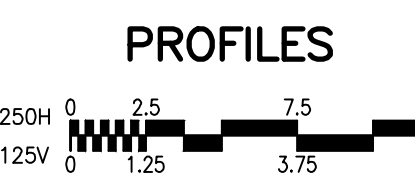


TYPICAL ACCESS ROAD ENTRANCE
CUT/FILL SECTION
N.T.S

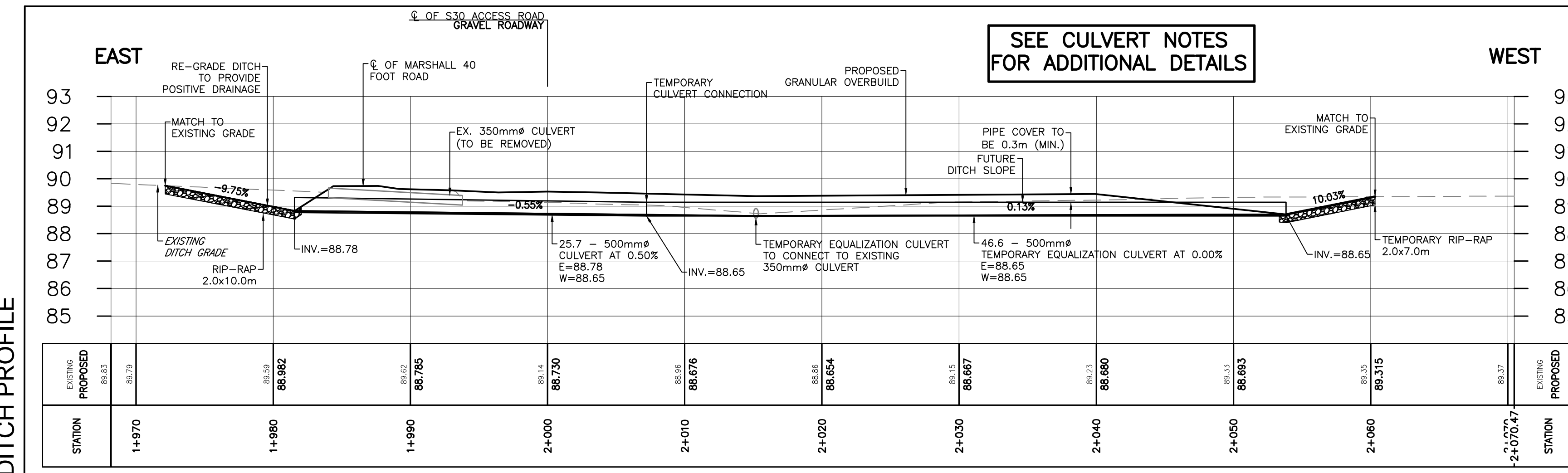
SEE DRAWING C213
FOR ADDITIONAL
ACCESS ROAD DETAILS



S30
ENTRANCE PROFILE



PROFILES



S30
DITCH PROFILE

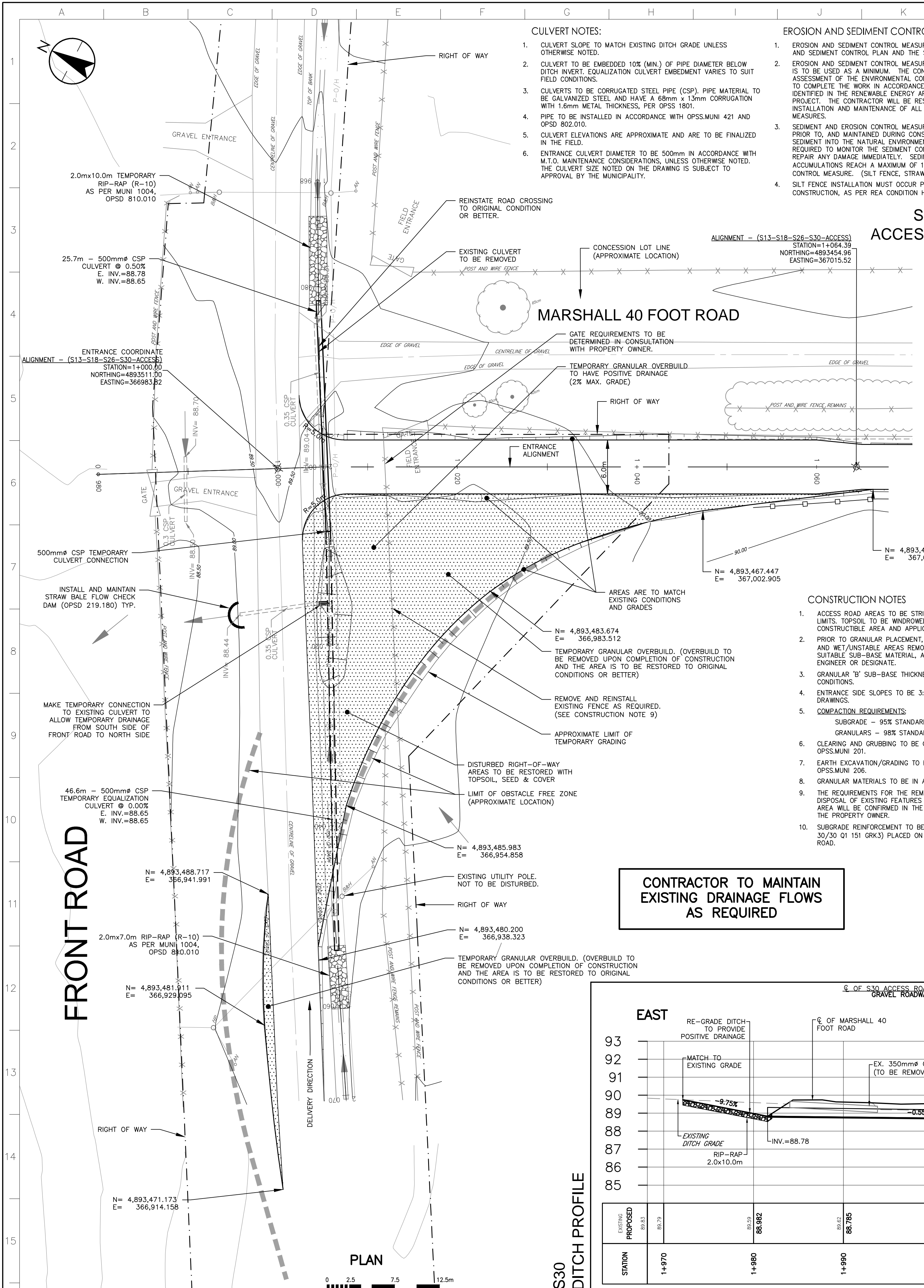
SEE CULVERT NOTES
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 - SILT FENCE INSTALLATION MUST OCCUR PRIOR TO COMMENCEMENT OF CONSTRUCTION, AS PER REA CONDITION H3(4).

- CULVERT NOTES:
- CULVERT SLOPE TO MATCH EXISTING DITCH GRADE UNLESS OTHERWISE NOTED.
 - CULVERT TO BE EMBEDDED 10% (MIN.) OF PIPE DIAMETER BELOW DITCH INVERT. EQUALIZATION CULVERT EMBEDMENT VARIES TO SUIT FIELD CONDITIONS.
 - CULVERTS TO BE CORRUGATED STEEL PIPE (CSP). PIPE MATERIAL TO BE GALVANIZED STEEL AND HAVE A 6mm x 1.5mm CORRUGATION WITH 1.6mm METAL THICKNESS, PER OPSS 1801.
 - PIPE TO BE INSTALLED IN ACCORDANCE WITH OPSS/MUNI 421 AND OPSS 802.010.
 - CULVERT ELEVATIONS ARE APPROXIMATE AND ARE TO BE FINALIZED IN THE FIELD.
 - ENTRANCE CULVERT DIAMETER TO BE 500mm IN ACCORDANCE WITH M.T.O. MAINTENANCE CONSIDERATIONS, UNLESS OTHERWISE NOTED. THE CULVERT SIZE NOTED ON THE DRAWING IS SUBJECT TO APPROVAL BY THE MUNICIPALITY.



PLAN

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The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
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General Notes

- UNDERGROUND AND ABOVE GROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE DRAWINGS AND WHERE SHOWN, THE ACCURACY OF POSITION IS NOT GUARANTEED. THE CONTRACTOR SHALL INFORM THEMSELVES OF THE EXACT LOCATION OF ALL UTILITY PLANTS PRIOR TO STARTING WORK.
- UTILITY AND OTHER CONFLICTS HAVE NOT BEEN ADDRESSED IN THESE DRAWINGS, AND WILL BE RESOLVED IN THE FIELD USING VERIFIED UTILITY LOCATIONS AND OTHER SITE INFORMATION. CONSULT WITH WINDLECTRIC TO DETERMINE ANY OTHER LANDOWNER UNDERGROUND SERVICES THAT MAY BE AFFECTED BY THE ROAD CONSTRUCTION.
- TOPOGRAPHICAL SURVEY COMPLETED BY MCINTOSH PERRY CONSULTING ENGINEERS, DATED 2015. (UTM ZONE 18 NAD83 (CRSR) 1997.0)
- ENTRANCE RADI AS NOTED TO BE PROVIDED FROM EDGE OF PAVEMENT OR GRAVEL AS SHOWN ON PLAN DRAWING. RADIUS MODIFICATIONS MAY BE REQUIRED SUBJECT TO REVIEW OF ENTRANCE SKEW ANGLE AND VEHICLE ACCESS REQUIREMENTS.
- NOTED DELIVERY ROUTE DIRECTION IS IN ACCORDANCE WITH WINDLECTRIC INC'S TRAFFIC MANAGEMENT PLAN.
- CONTRACTOR TO ADHERE TO ALL CONSERVATION AUTHORITY PERMITS AND CONDITIONS OF APPROVAL.
- RIGHT OF WAY LIMITS ARE IN ACCORDANCE WITH INFORMATION PROVIDED BY MCINTOSH PERRY CONSULTING ENGINEERS, AND COMPLY WITH ALL OTHER PERMITS ASSOCIATED WITH THE WORKS AND REA COMMITMENTS.

Legend

- EXISTING OVERLAND FLOW/DITCH DIRECTION
- PROPOSED DITCH FLOW
- EXISTING GROUND CONTOURS (AS PER NOTE 4 ABOVE)
- EXISTING GROUND CONTOURS (FROM LIDAR MAPPING)
- PROPERTY LINE
- PROPOSED SILT FENCING
- TEMPORARY OVERBUILD AREA

****For PHCL and Windlectric Use Only****

Review with no comments does not constitute approval of design details, calculations or methods. It is the responsibility of the consultant to ensure all information contained within the drawings are in full compliance with contractual obligations.

Reviewed - No comments	Date [dd-mm-yy]
Reviewed - Incorporate comments and resubmit	Date [dd-mm-yy]
Reviewed - Not accepted	Date [dd-mm-yy]
Project Manager - PHCL	Date [dd-mm-yy]
Project Manager - Windlectric	Date [dd-mm-yy]
Owner:	

C	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.04
B	ISSUED FOR FINAL REVIEW	RCL	MPG	16.11.24
A	ISSUED FOR CLIENT REVIEW	RCL	MPG	16.10.18
Revision		By	Appd.	YY.MM.DD

File Name:	C200-C215_133560100-Entrances.dwg	RCL	MPG	RCL	16.09.16
Permit/Seal		Dwn.	Chkd.	Dign.	YY.MM.DD

Client/Project

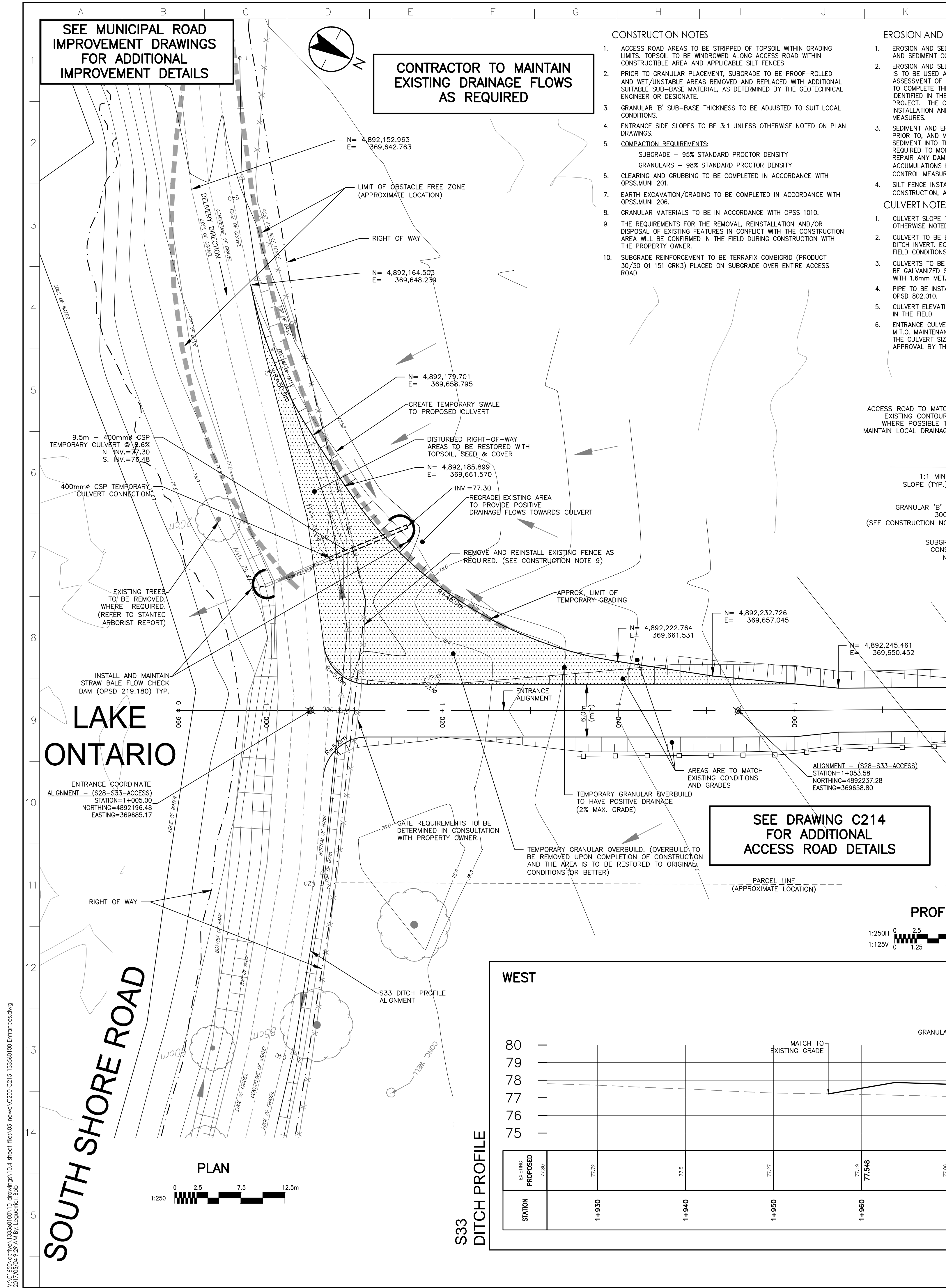


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

TEMPORARY ENTRANCE LAYOUT
SOUTH SHORE ROAD
ENTRANCE FOR TURBINE S33 & S28

Project No.	133560100	Scale	1:250H 0 2.5 7.5 12.5m 1:125V 0 1.25 3.75 6.25m
Drawing No.	Sheet	Revision	

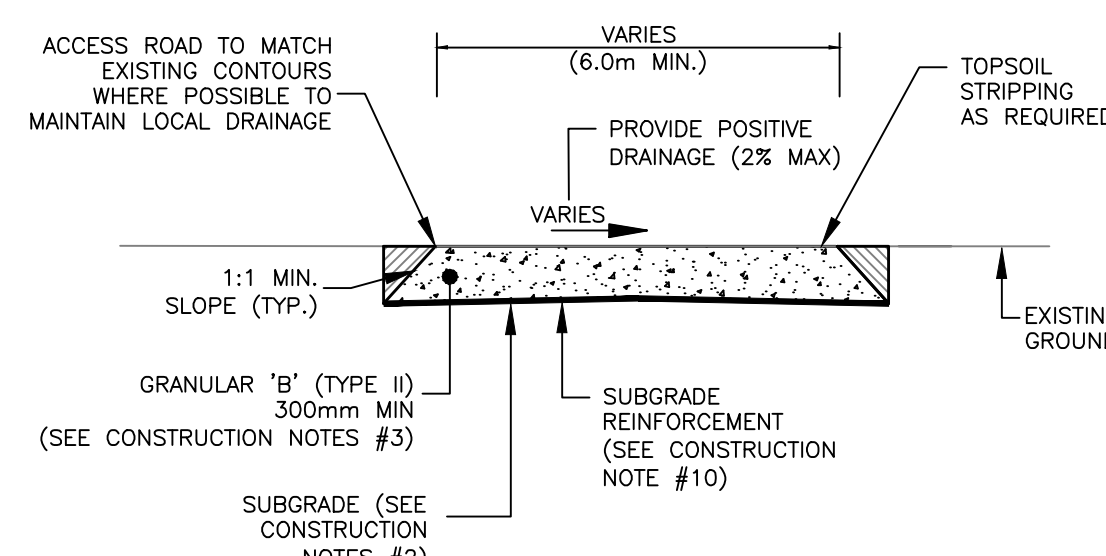
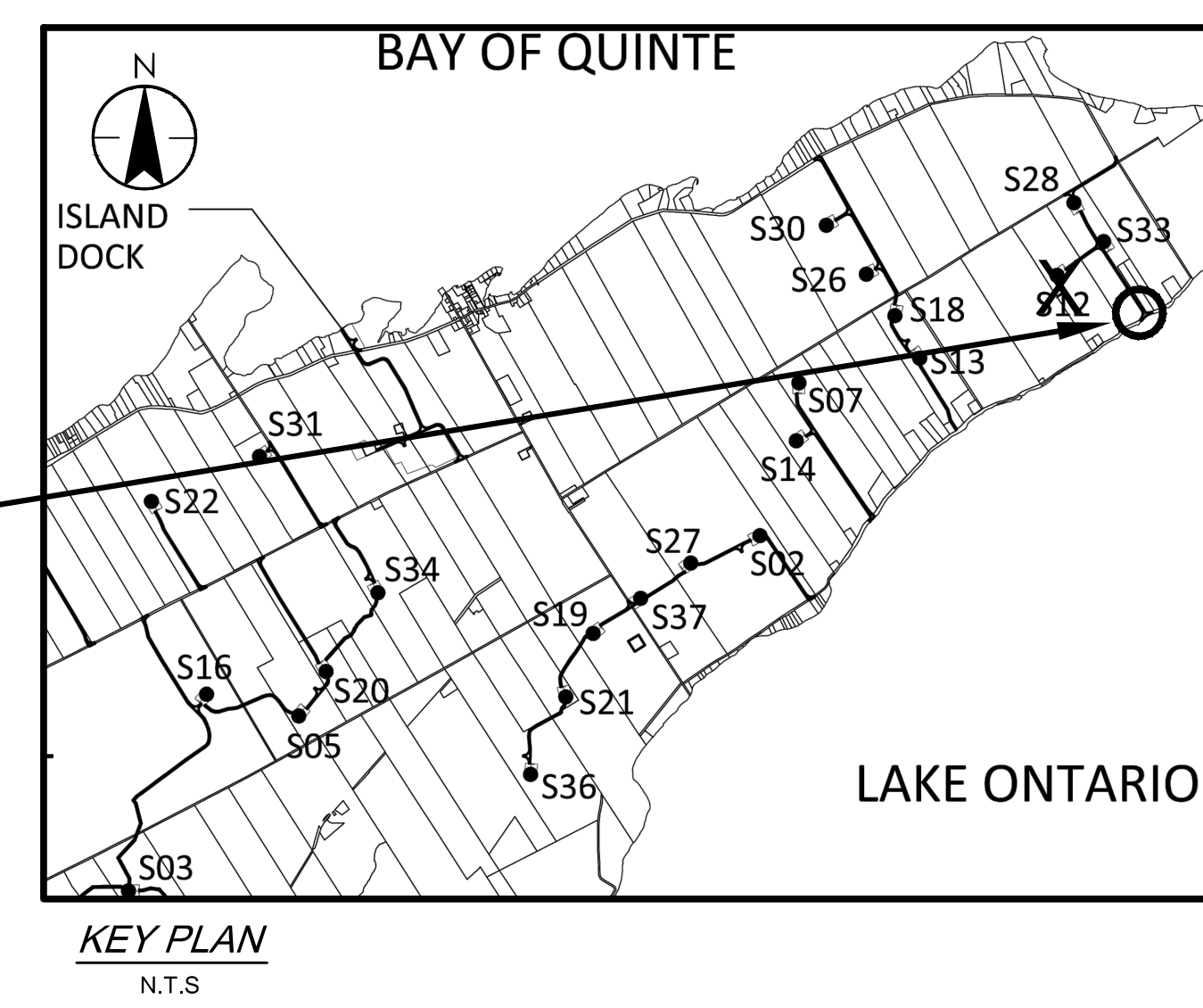


SEE MUNICIPAL ROAD IMPROVEMENT DRAWINGS FOR ADDITIONAL IMPROVEMENT DETAILS

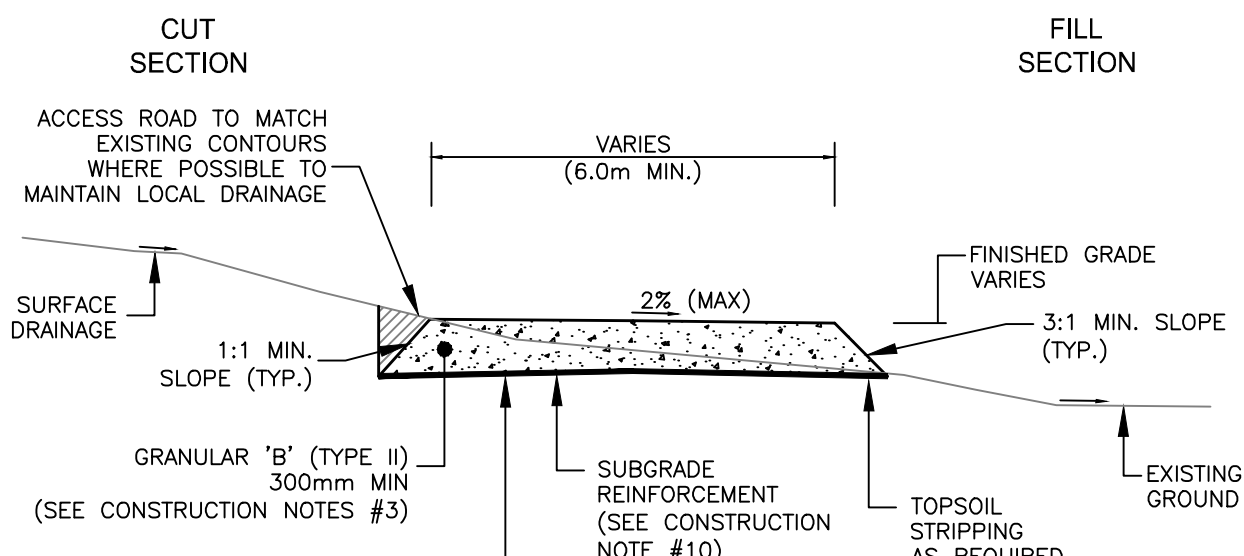
CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

- CONSTRUCTION NOTES
- ACCESS ROAD AREAS TO BE STRIPPED OF TOPSOIL WITHIN GRADING LIMITS. TOPSOIL TO BE WINDROWED ALONG ACCESS ROAD WITHIN CONSTRUCTIBLE AREA AND APPLICABLE SILT FENCES.
 - PRIOR TO GRANULAR PLACEMENT, SUBGRADE TO BE PROOF-ROLLED AND WEI/UNSTABLE AREAS REMOVED AND REPLACED WITH ADDITIONAL SUITABLE SUB-BASE MATERIAL, AS DETERMINED BY THE GEOTECHNICAL ENGINEER OR DESIGNATE.
 - GRANULAR 'B' SUB-BASE THICKNESS TO BE ADJUSTED TO SUIT LOCAL CONDITIONS.
 - ENTRANCE SIDE SLOPES TO BE 3:1 UNLESS OTHERWISE NOTED ON PLAN DRAWINGS.
 - COMPACTION REQUIREMENTS:
SUBGRADE - 95% STANDARD PROCTOR DENSITY
GRANULARS - 98% STANDARD PROCTOR DENSITY
 - CLEARING AND GRUBBING TO BE COMPLETED IN ACCORDANCE WITH OPSS.MUNI 201.
 - EARTH EXCAVATION/GRADING TO BE COMPLETED IN ACCORDANCE WITH OPSS.MUNI 206.
 - GRANULAR MATERIALS TO BE IN ACCORDANCE WITH OPSS 1010.
 - THE REQUIREMENTS FOR THE REMOVAL, REINSTALLATION AND/OR DISPOSAL OF EXISTING FEATURES IN CONFLICT WITH THE CONSTRUCTION AREA WILL BE CONFIRMED IN THE FIELD DURING CONSTRUCTION WITH THE PROPERTY OWNER.
 - SUBGRADE REINFORCEMENT TO BE TERRAFIX COMBIOGR (PRODUCT 30/30 Q1 151 GRK3) PLACED ON SUBGRADE OVER ENTIRE ACCESS ROAD.

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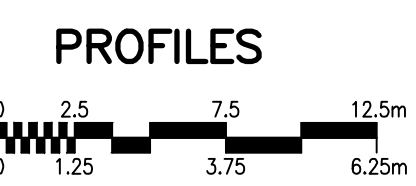
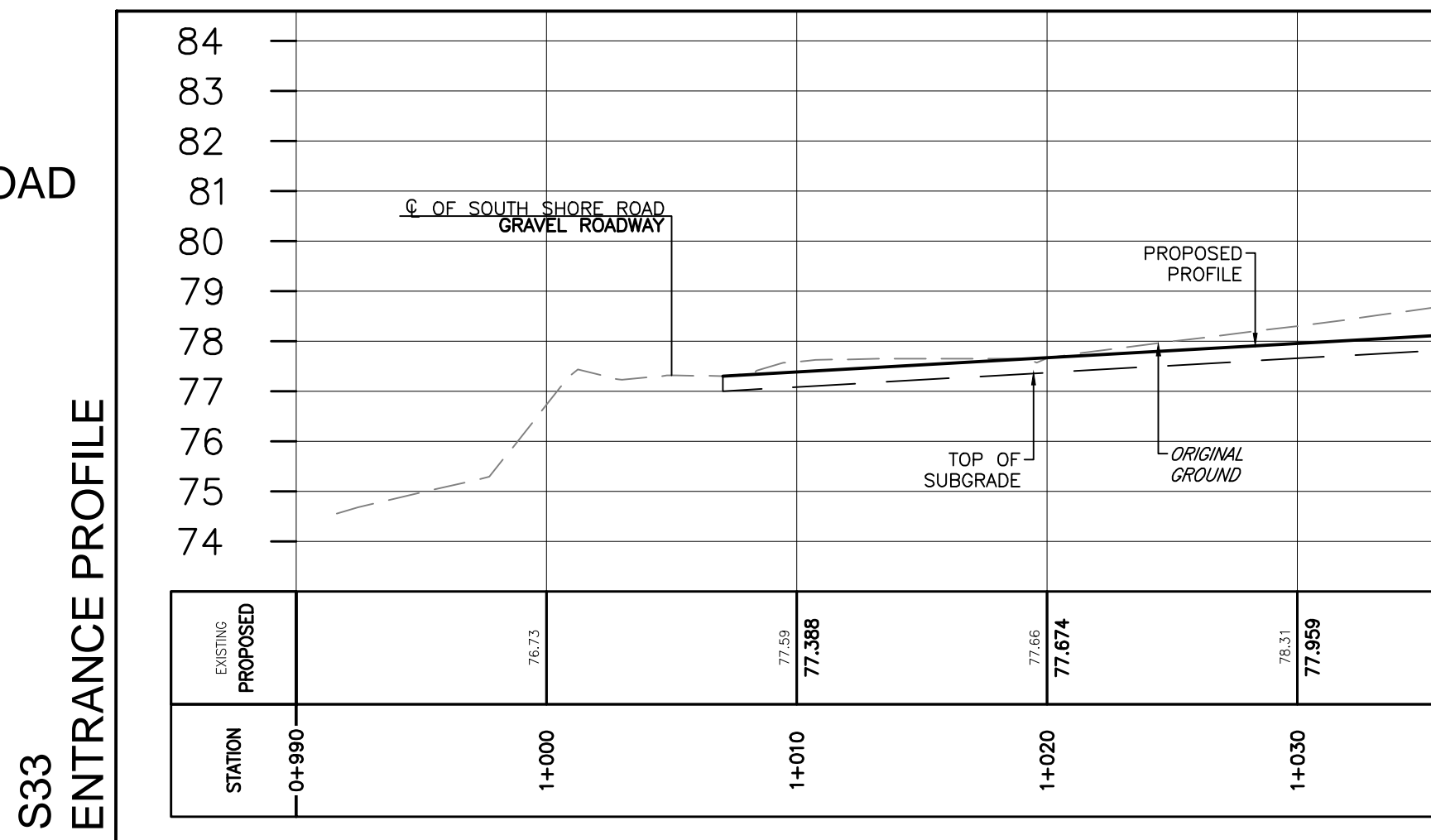


TYPICAL ACCESS ROAD ENTRANCE FLAT SECTION N.T.S.

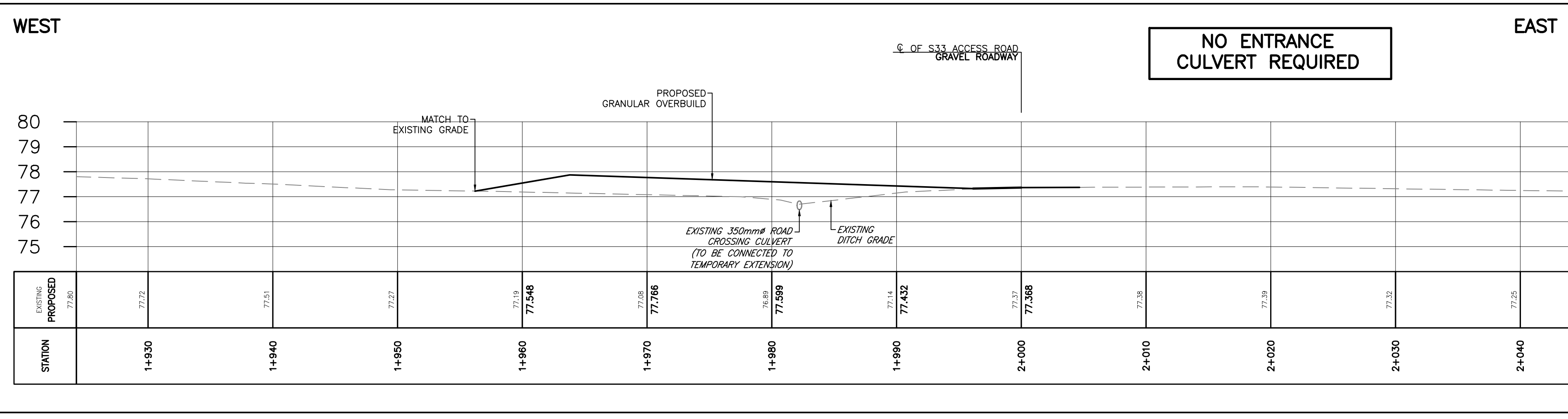


TYPICAL ACCESS ROAD ENTRANCE CUT/FILL SECTION N.T.S.

S33 ACCESS ROAD



SEE DRAWING C214 FOR ADDITIONAL ACCESS ROAD DETAILS



NO ENTRANCE CULVERT REQUIRED

SOUTH SHORE ROAD

V:\01650\active\133560100_02\dwg\104_south_shore_road\c215_133560100-Entrances.dwg
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