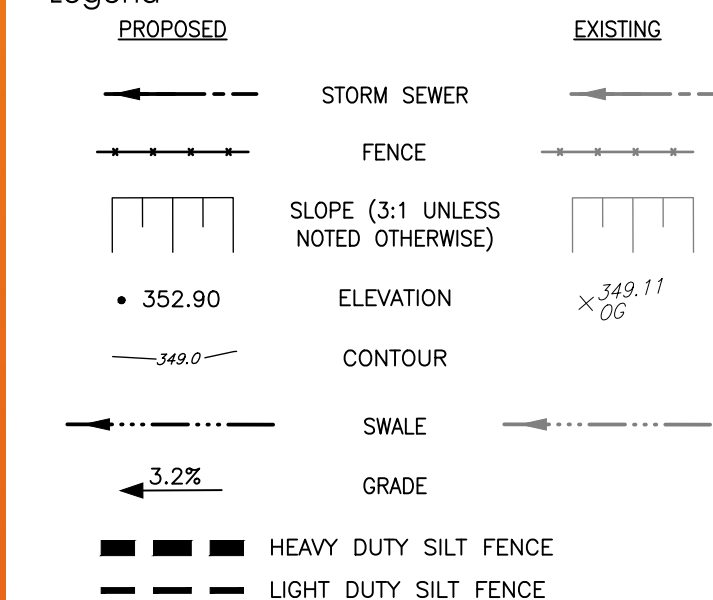


Notes

1. TOPOGRAPHIC SURVEY COMPLETED BY McINTOSH PERRY CONSULTING ENGINEERS DATED 2015 (LATA ZONE 18 NAD83 (GRS01997.0)). GEOTECHNICAL INFORMATION PROVIDED BY STANTEC MEMO, DATED JUNE 2015.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THIS SET PREPARED BY STANTEC CONSULTING LTD.
3. THE CONTRACTOR MUST CHECK AND VERIFY DIMENSIONS; OBTAIN ALL UTILITY LOCATES AND OBTAIN ALL REQUIRED PERMITS/LICENSES AND VERIFY ELEVATIONS OF EXISTING SERVICES BEFORE PROCEEDING WITH ANY WORK.
4. ALL CONSTRUCTION WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS (LATEST EDITION).
5. ENCROACHMENT ON NON-PARTICIPATING PROPERTIES IS STRICTLY PROHIBITED. THE CONTRACTOR AND/OR THEIR REPRESENTATIVES ARE TO BE AWARE OF ALL PARTICIPATING LAND OWNERS ON THE PROJECT AND THE PROJECTS CONSTRUCTIBLE LIMITS. ALL CONSTRUCTION ACTIVITY BEYOND THE CONSTRUCTIBLE LIMITS IS STRICTLY PROHIBITED.
6. THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ALL DAMAGED AND/OR DISTURBED PROPERTY WITHIN THE MUNICIPAL RIGHT-OF-WAY TO THE CURRENT MUNICIPAL STANDARDS AND SHALL CONFORM TO ROAD USE AGREEMENT.
7. THE CONTRACTOR IS TO BE RESPONSIBLE FOR ALL DRAINAGE AND MEASURES TO CONTROL WATER. THE SITE IS TO BE FINE GRADED/LEVELED LEAVING THE SITE IN A NEAT APPEARANCE SUCH THAT POSITIVE DRAINAGE IS ACHIEVED.
8. CONSTRUCTION TURNING RADIUS LIMITS IDENTIFY AREAS WHERE ADDITIONAL ROAD WIDTH IS REQUIRED TO ALLOW FOR ADEQUATE CLEARANCE FOR CONSTRUCTION VEHICLES.
9. ALL DISTURBED AREAS WITHIN THE PROPOSED WORKS ARE TO BE RE-VEGETATED USING NATIVE TOPSOIL AND SEED AS PER REA. MIX AND APPLICATION RATE/METHOD TO BE APPROVED PRIOR TO IMPLEMENTATION.
10. CLEARING AND GRUBBING AND REMOVALS TO BE COMPLETED IN ACCORDANCE WITH OPSS 201. TEMPORARY EROSION CONTROL TO BE COMPLETED IN ACCORDANCE WITH OPSS 577.
11. GRADING TO BE COMPLETED IN ACCORDANCE WITH OPSS 206.
12. GRANULAR MATERIAL TO BE USED IN ACCORDANCE WITH OPSS 1010.
13. ALL CULVERTS TO BE CONSTRUCTED IN ACCORDANCE WITH OPSS 421 AND AS PER OPSS 802.010.

Legend



A. FOR MUNICIPAL CONSENT	DMS	DKS	17.05.04
Revision	By	Appd.	YY.MM.DD

File Name: 133560100-CGP.dwg	DS	DKS	DS	16.01.20
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project



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

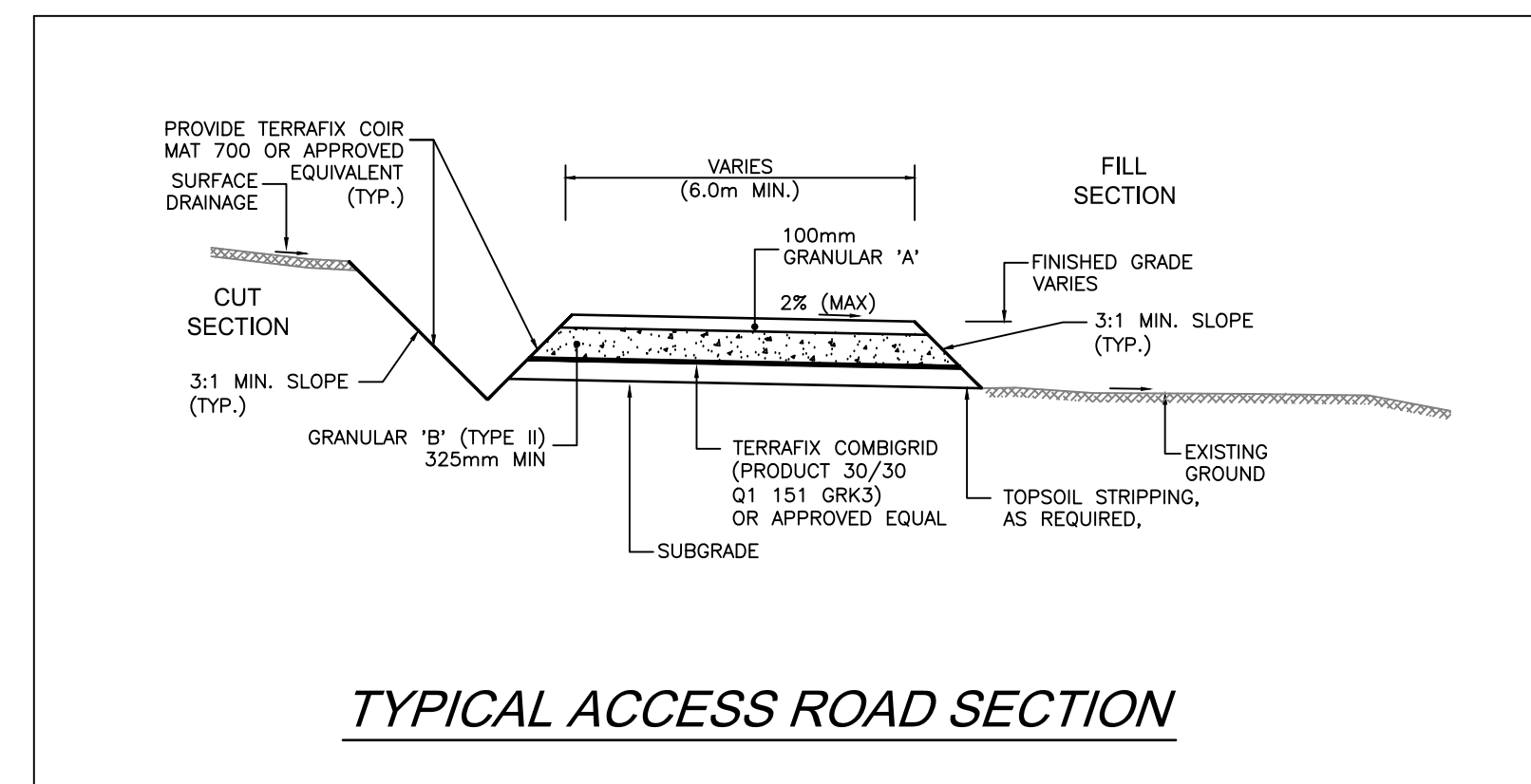
Title

OPERATIONS AND MAINTENANCE BUILDING  
STELLA 40 FOOT ROAD  
ENTRANCE PLAN

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

Drawing No. Sheet Revision

C100-ENT 1 of 1 A



EROSION AND SEDIMENT CONTROL NOTES

1. EROSION AND SEDIMENT CONTROL MEASURES TO CONFORM TO THE EROSION AND SEDIMENT CONTROL PLAN AND THE STORMWATER MANAGEMENT PLAN.
2. EROSION AND SEDIMENT CONTROL MEASURES INDICATED ON THE DRAWINGS IS TO BE USED AS A MINIMUM. THE CONTRACTOR MUST MAKE THEIR OWN ASSESSMENT OF THE ENVIRONMENTAL CONTROLS AND MEASURES REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE REQUIREMENTS IDENTIFIED IN THE RENEWABLE ENERGY APPROVAL COMPLETED FOR THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE SUPPLY, INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
3. SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED PRIOR TO, AND MAINTAINED DURING CONSTRUCTION TO PREVENT ENTRY OF SEDIMENT INTO THE NATURAL ENVIRONMENT. THE CONTRACTOR WILL BE REQUIRED TO MONITOR THE SEDIMENT CONTROL MEASURES REGULARLY AND REPAIR ANY DAMAGE IMMEDIATELY. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF 1/3 THE HEIGHT OF THE EROSION CONTROL MEASURE. (SILT FENCE, STRAW BALE, ETC.)
4. SILT FENCE INSTALLATION MUST OCCUR PRIOR TO COMMENCEMENT OF CONSTRUCTION, AS PER REA CONDITION H3(4).

CULVERT NOTES:

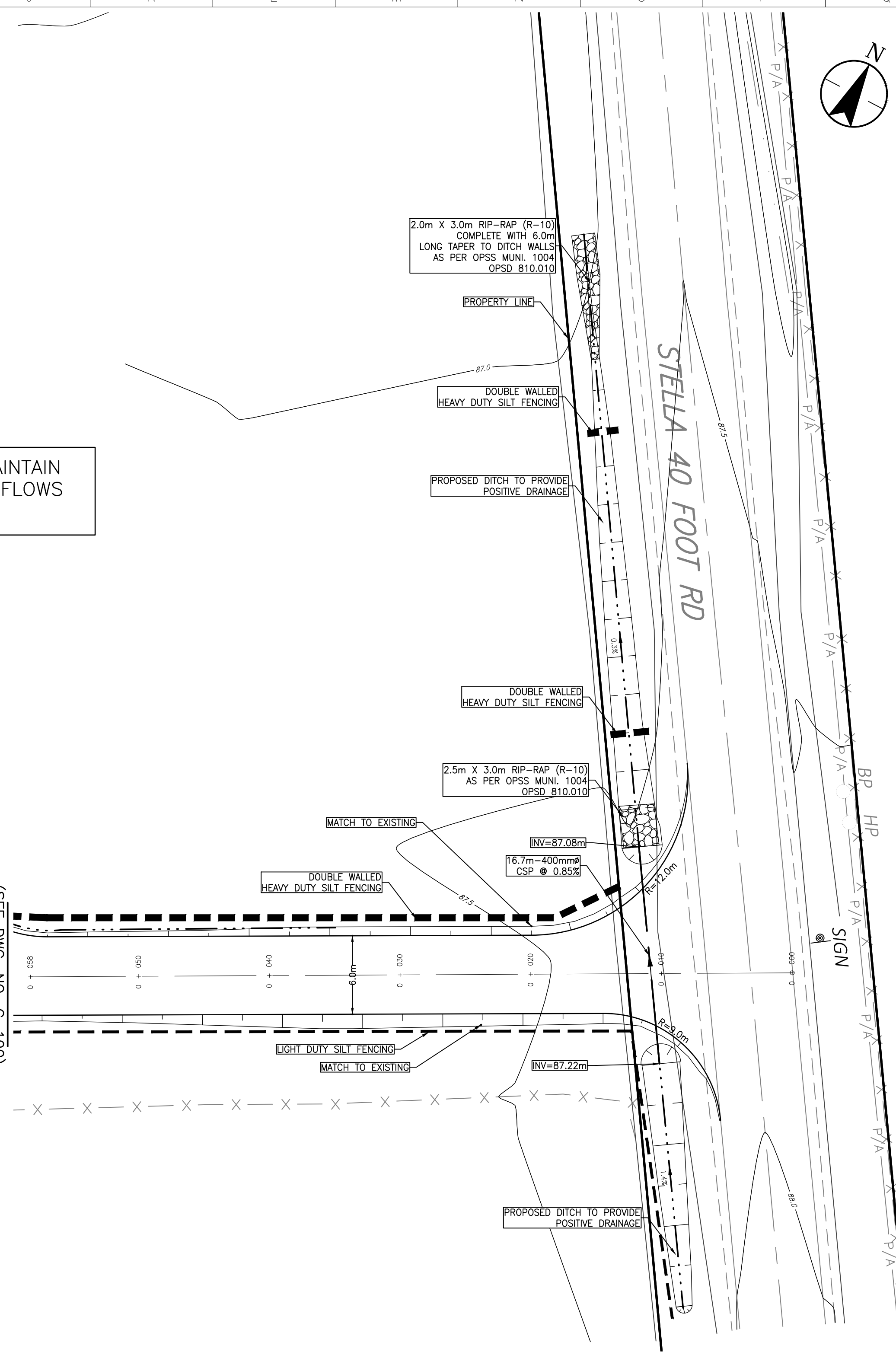
1. CULVERT SLOPE TO MATCH EXISTING DITCH GRADE UNLESS OTHERWISE NOTED.
2. CULVERT TO BE EMBEDDED 10% (MIN.) OF PIPE DIAMETER BELOW DITCH INVERT. EQUALIZATION CULVERT EMBEDMENT VARIES TO SUIT FIELD CONDITIONS.
3. CULVERTS TO BE CORRUGATED STEEL PIPE (CSP). PIPE MATERIAL TO BE GALVANIZED STEEL AND HAVE A 68mm x 13mm CORRUGATION WITH 1.6mm METAL THICKNESS, PER OPSS 1801.
4. PIPE TO BE INSTALLED IN ACCORDANCE WITH OPSS:MUNI 421 AND OPSS 802.010.
5. CULVERT ELEVATIONS ARE APPROXIMATE AND ARE TO BE FINALIZED IN THE FIELD.
6. 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.

CONSTRUCTION NOTES

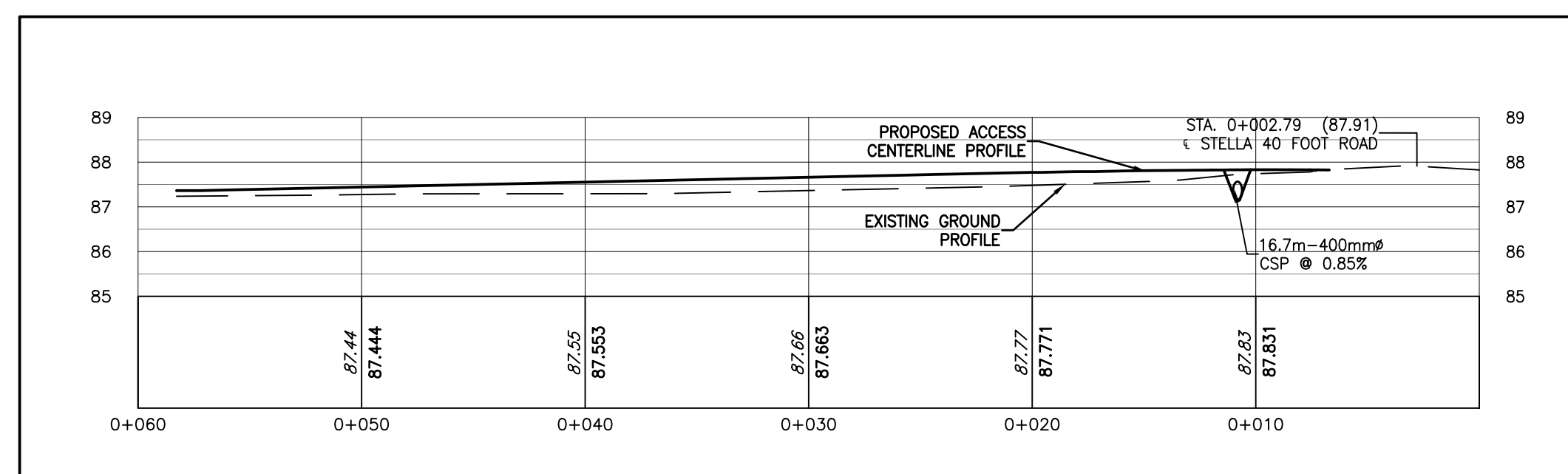
1. ACCESS ROAD AREAS TO BE STRIPPED OF TOPSOIL WITHIN GRADING LIMITS. TOPSOIL TO BE WINDROWED ALONG ACCESS ROAD WITHIN CONSTRUCTIBLE AREA AND APPLICABLE SILT FENCES.
2. PRIOR TO GRANULAR PLACEMENT, SUBGRADE TO BE PROOF-ROLLED AND WET/UNSTABLE AREAS REMOVED AND REPLACED WITH ADDITIONAL SUITABLE SUB-BASE MATERIAL, AS DETERMINED BY THE GEOTECHNICAL ENGINEER OR DESIGNATE.
3. GRANULAR 'B' SUB-BASE THICKNESS TO BE ADJUSTED TO SUIT LOCAL CONDITIONS.
4. ENTRANCE SIDE SLOPES TO BE 3:1 UNLESS OTHERWISE NOTED ON PLAN DRAWINGS.
5. **COMPACTION REQUIREMENTS:**  
SUBGRADE - 95% STANDARD PROCTOR DENSITY  
GRANULARS - 98% STANDARD PROCTOR DENSITY
6. CLEARING AND GRUBBING TO BE COMPLETED IN ACCORDANCE WITH OPSS:MUNI 201.
7. EARTH EXCAVATION/GRADING TO BE COMPLETED IN ACCORDANCE WITH OPSS:MUNI 206.
8. GRANULAR MATERIALS TO BE IN ACCORDANCE WITH OPSS 1010.
9. 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.
10. SUBGRADE REINFORCEMENT TO BE TERRAFIX COMBGRID (PRODUCT 30/30 Q1 151 GRK3) PLACED ON SUBGRADE OVER ENTIRE ACCESS ROAD.

CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

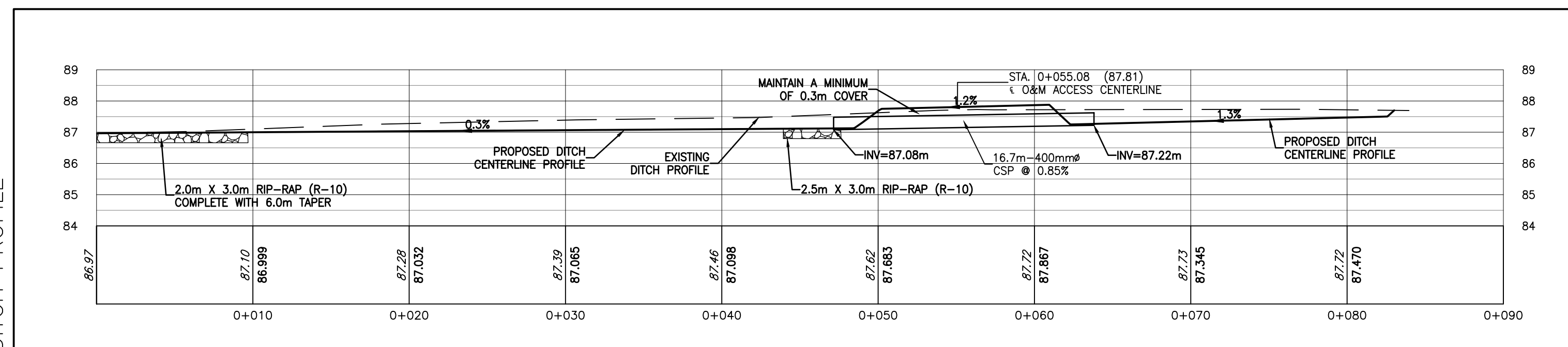
OPERATIONS AND MAINTENANCE BUILDING GRADING PLAN  
(SEE DWG. NO. C-100)



OPERATIONS AND MAINTENANCE BUILDING ENTRANCE PROFILE



DITCH PROFILE



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

Reviewed - Accepted and no comments	Reviewed - Incorporate comments and resubmit
Reviewed - Not accepted	
Reviewed By	Date (dd-mmm-yyyy)
Project Manager - PHCL	Date (dd-mmm-yyyy)
Project Manager - Windlectric	Date (dd-mmm-yyyy)
Owner:	

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General Notes

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- 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.
- 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 ALGONQUIN POWER'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.

Legend

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

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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  
Reviewed - Incorporate comments and resubmit  
Reviewed - Not accepted

Reviewed By: \_\_\_\_\_ Date: [dd-mm-yy]

Project Manager - PHCL: \_\_\_\_\_ Date: [dd-mm-yy]

Project Manager - Windlectric: \_\_\_\_\_ Date: [dd-mm-yy]

Owner: \_\_\_\_\_

C ROAD ENTRANCE SECTION CHANGES MPG GM 17.02.06

B ISSUED FOR PERMIT MPG GM 16.09.26

A ISSUED FOR CLIENT REVIEW RCL MPG 16.09.20

Revision By Appd. YY.MM.DD

File Name: 01\_133560100-DOCK.DWG RCL MPG RCL 16.09.16

Permit-Seal



Client/Project



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

Title

TEMPORARY ENTRANCE LAYOUT  
FRONT ROAD  
ENTRANCE TO FRONT ROAD

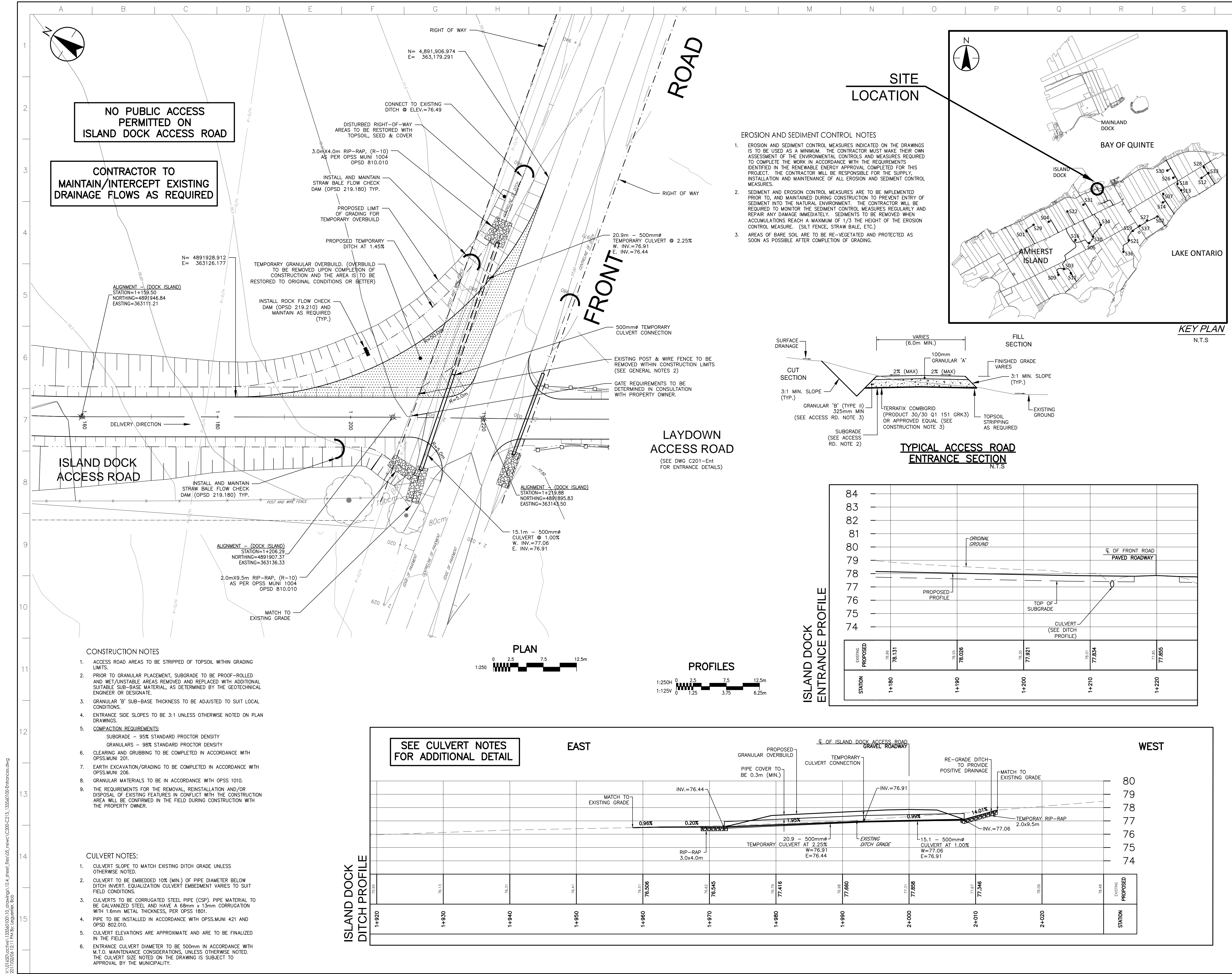
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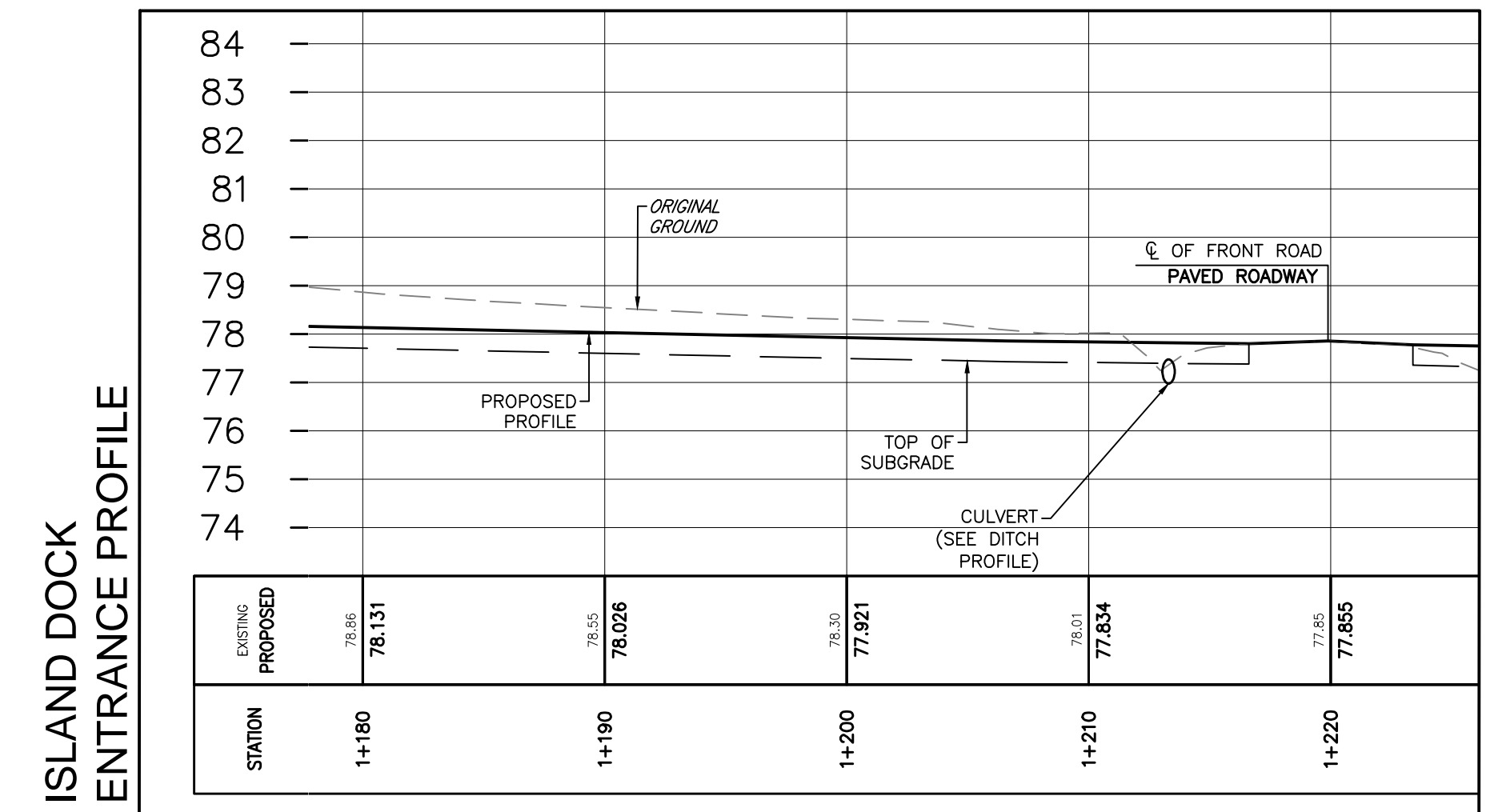
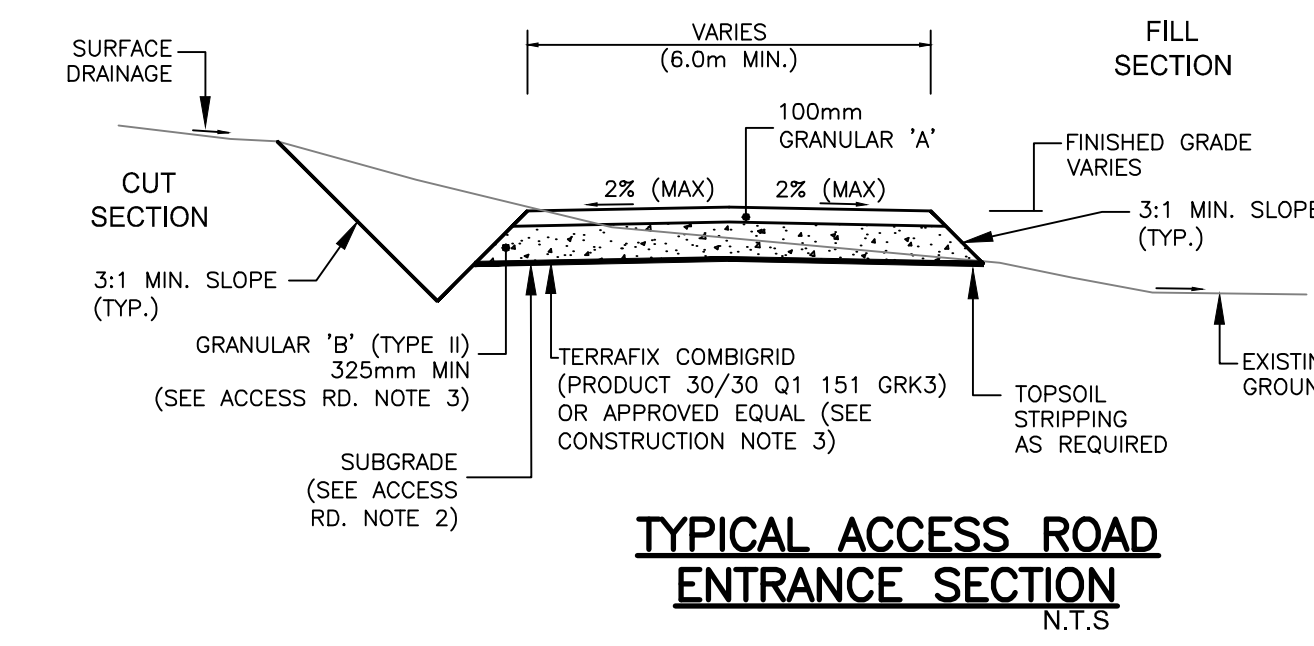
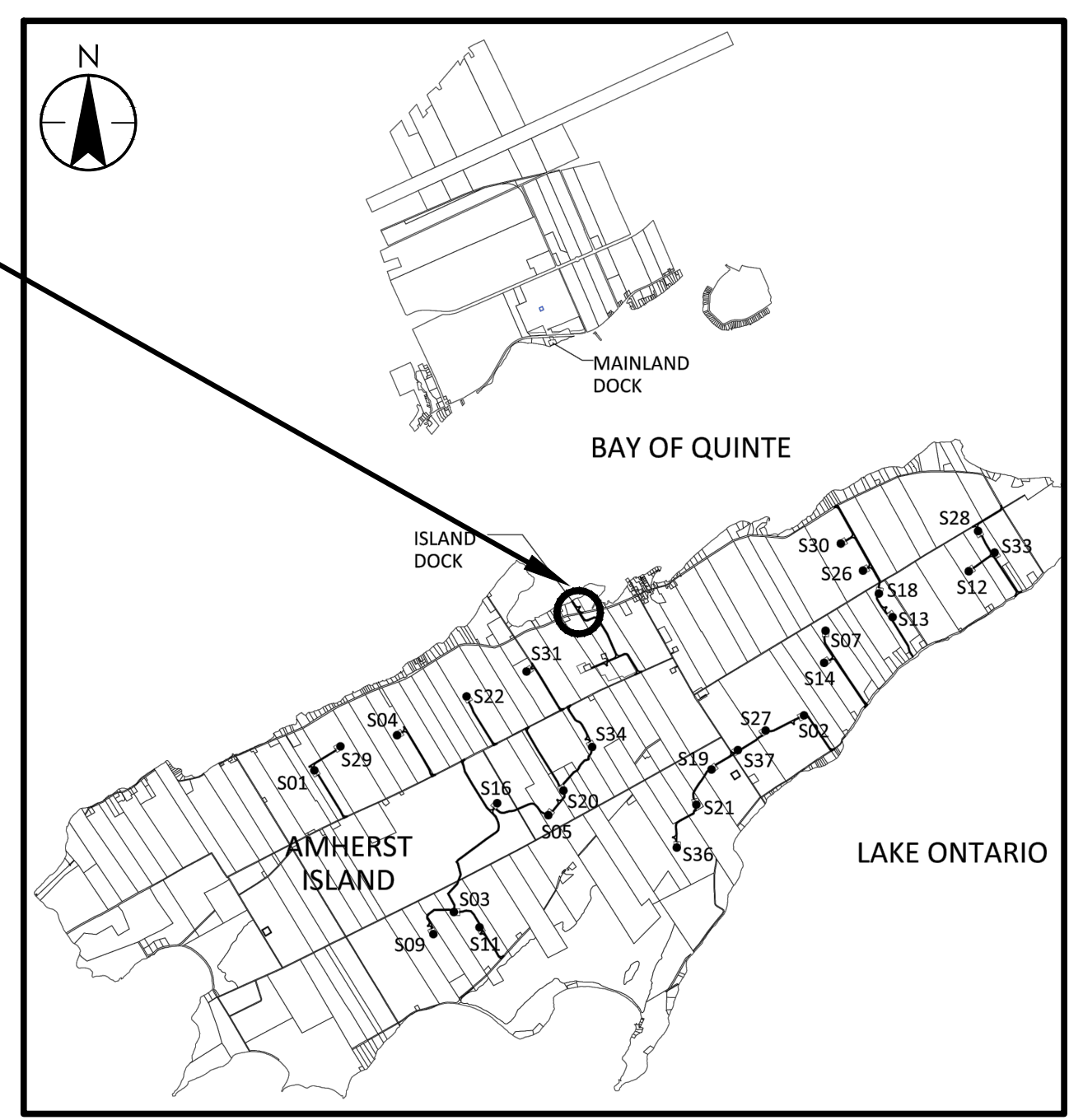
Sheet 1 of 1

Revision



EROSION AND SEDIMENT CONTROL NOTES

- EROSION AND SEDIMENT CONTROL MEASURES INDICATED ON THE DRAWINGS IS TO BE USED AS A MINIMUM. THE CONTRACTOR MUST MAKE THEIR OWN ASSESSMENT OF THE ENVIRONMENTAL CONTROLS AND MEASURES REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE REQUIREMENTS IDENTIFIED IN THE RENEWABLE ENERGY APPROVAL COMPLETED FOR THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE SUPPLY, INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
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- AREAS OF BARE SOIL ARE TO BE RE-VEGETATED AND PROTECTED AS SOON AS POSSIBLE AFTER COMPLETION OF GRADING.

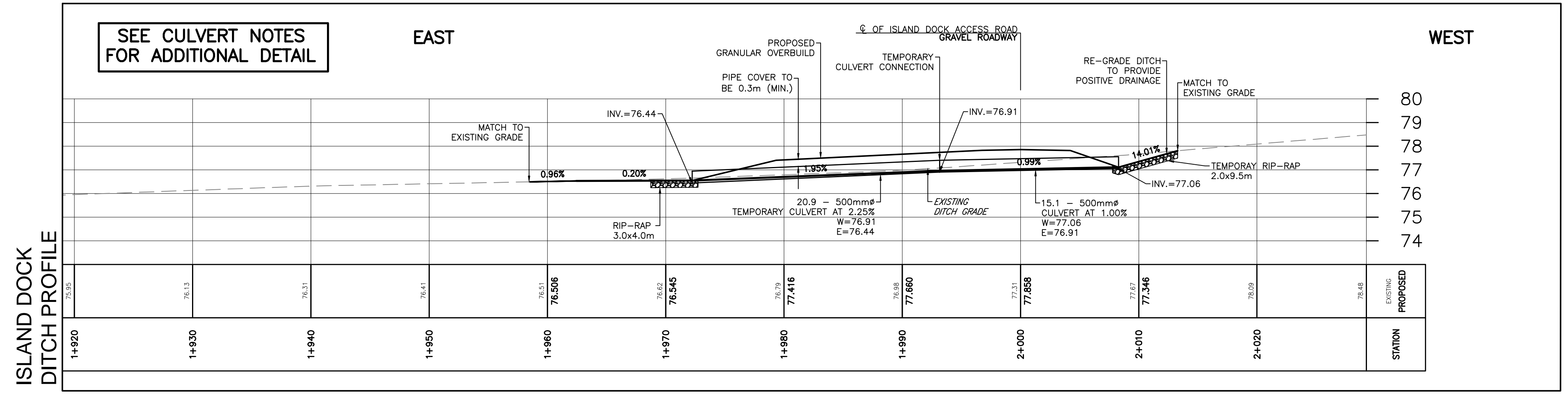


CONSTRUCTION NOTES

- ACCESS ROAD AREAS TO BE STRIPPED OF TOPSOIL WITHIN GRADING LIMITS.
- PRIOR TO GRANULAR PLACEMENT, SUBGRADE TO BE PROOF-ROLLED AND WET/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.

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.
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- 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 MONTOSH PERRY CONSULTING ENGINEERS, DATED 2015. (UTM ZONE 18 NAD83 (CRS) 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 MONTOSH 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)
- ROAD ALLOWANCE
- PROPOSED SILT FENCING
- TEMPORARY OVERBUILD AREA

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

B	ISSUED FOR CLIENT REVIEW	RCL	MPG	17.07.11
A	ISSUED FOR CLIENT REVIEW	RCL	MPG	17.07.07
Revision		By	Appd.	YY.MM.DD

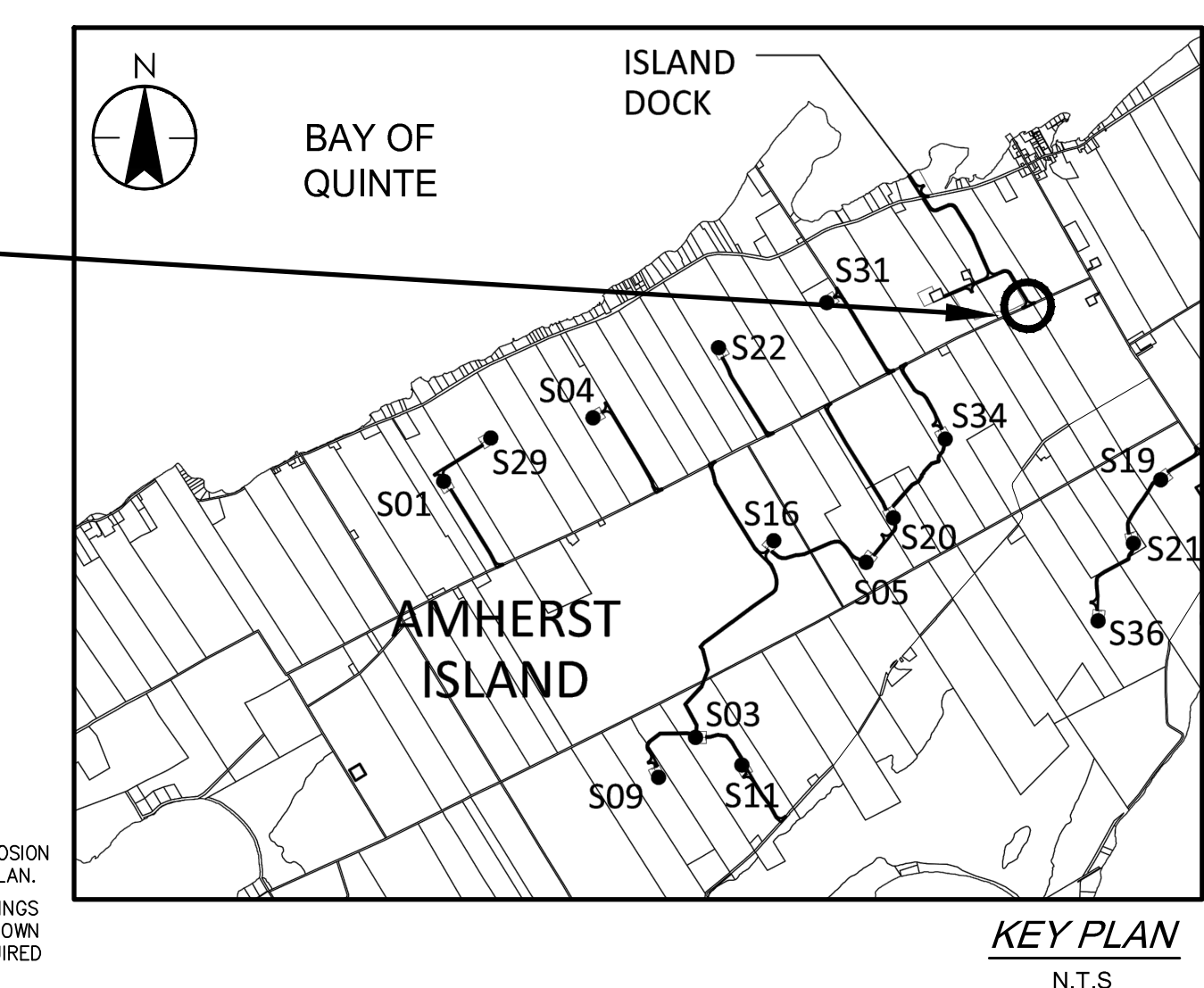
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Permit-Seal		Dwn.	Chkd.	Dgn.	YY.MM.DD

Client/Project

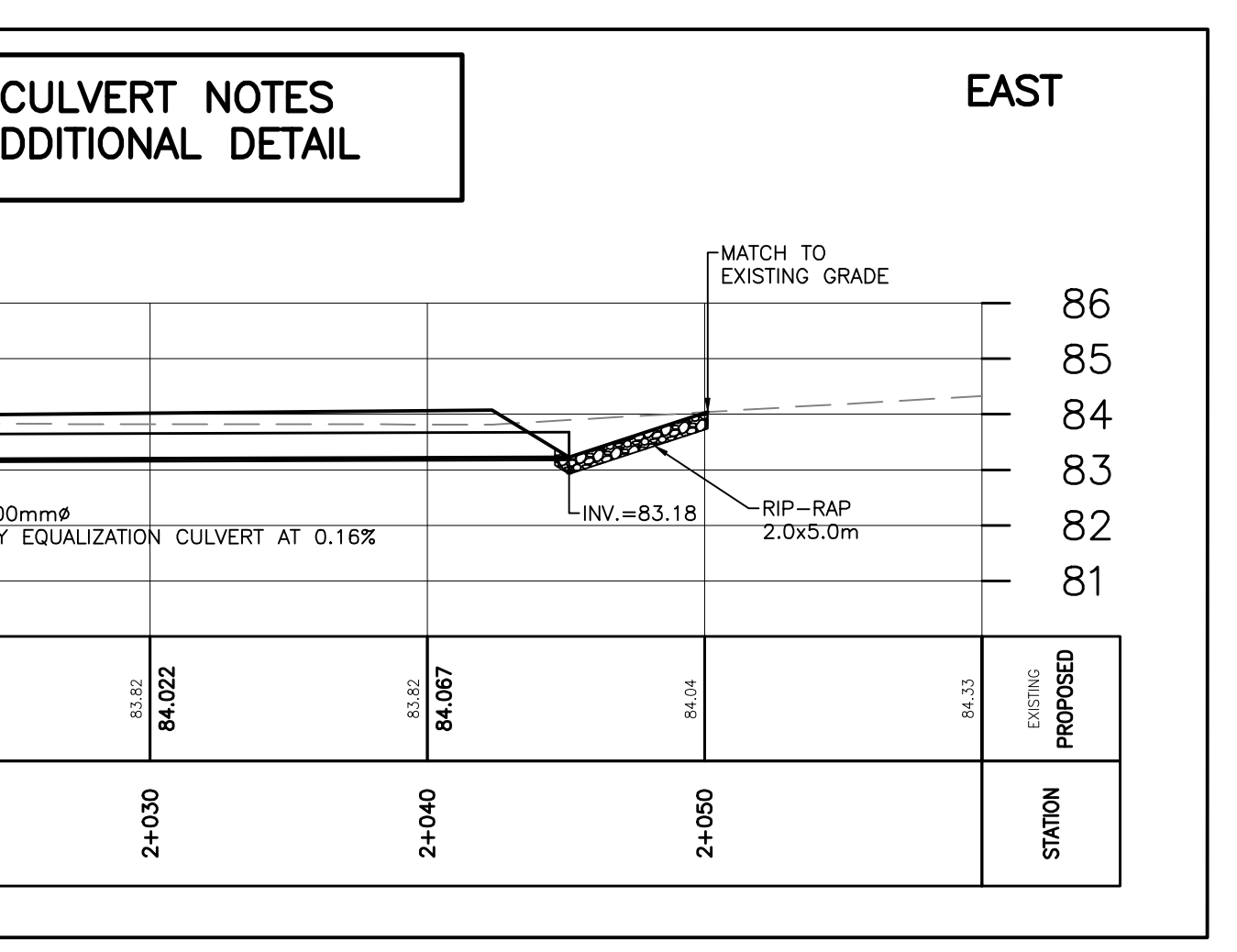
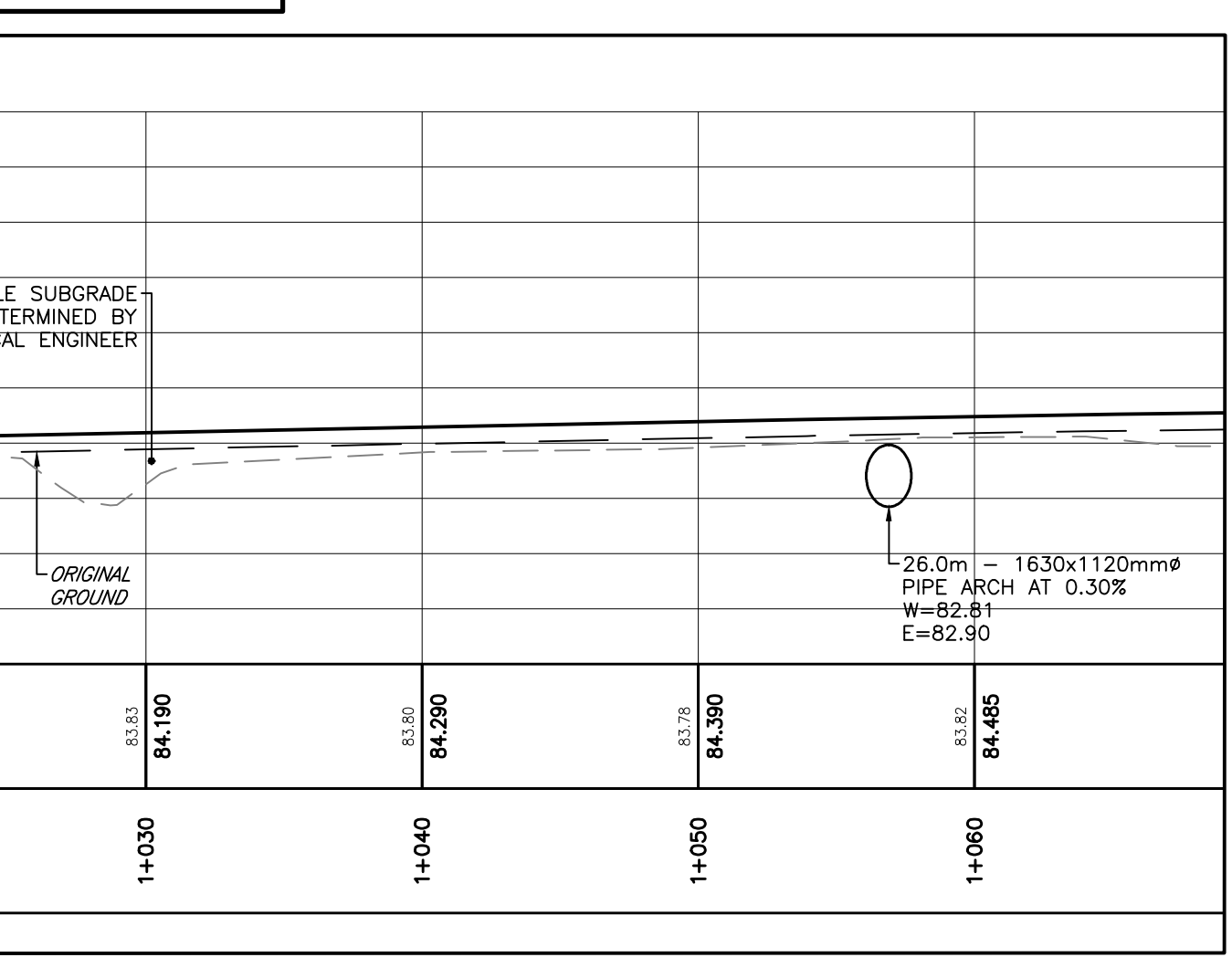
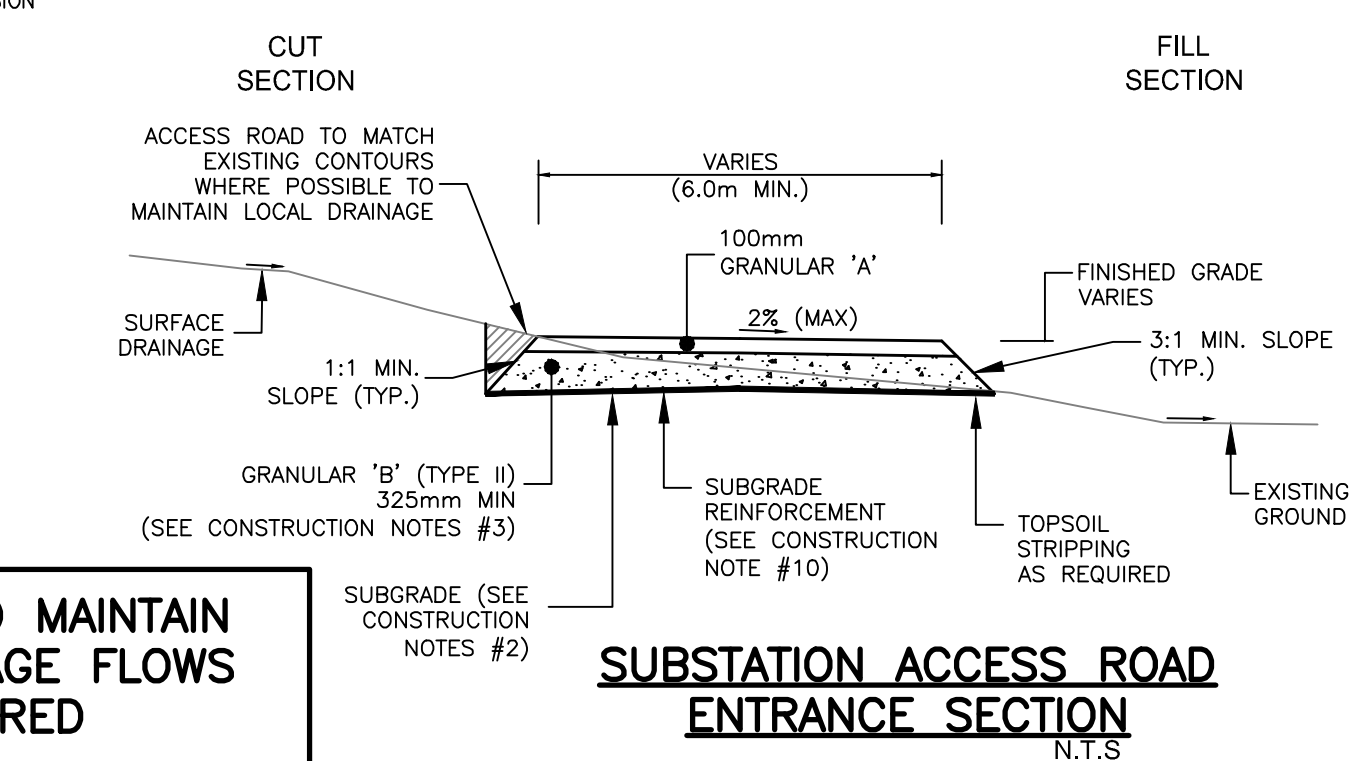
AMHERST ISLAND WIND PROJECT  
75MW WIND FARM  
Amherst Island, Loyalist Township, Ontario

Title  
TEMPORARY ENTRANCE LAYOUT  
CONCESSION ROAD 2  
ENTRANCE FOR SUBSTATION

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

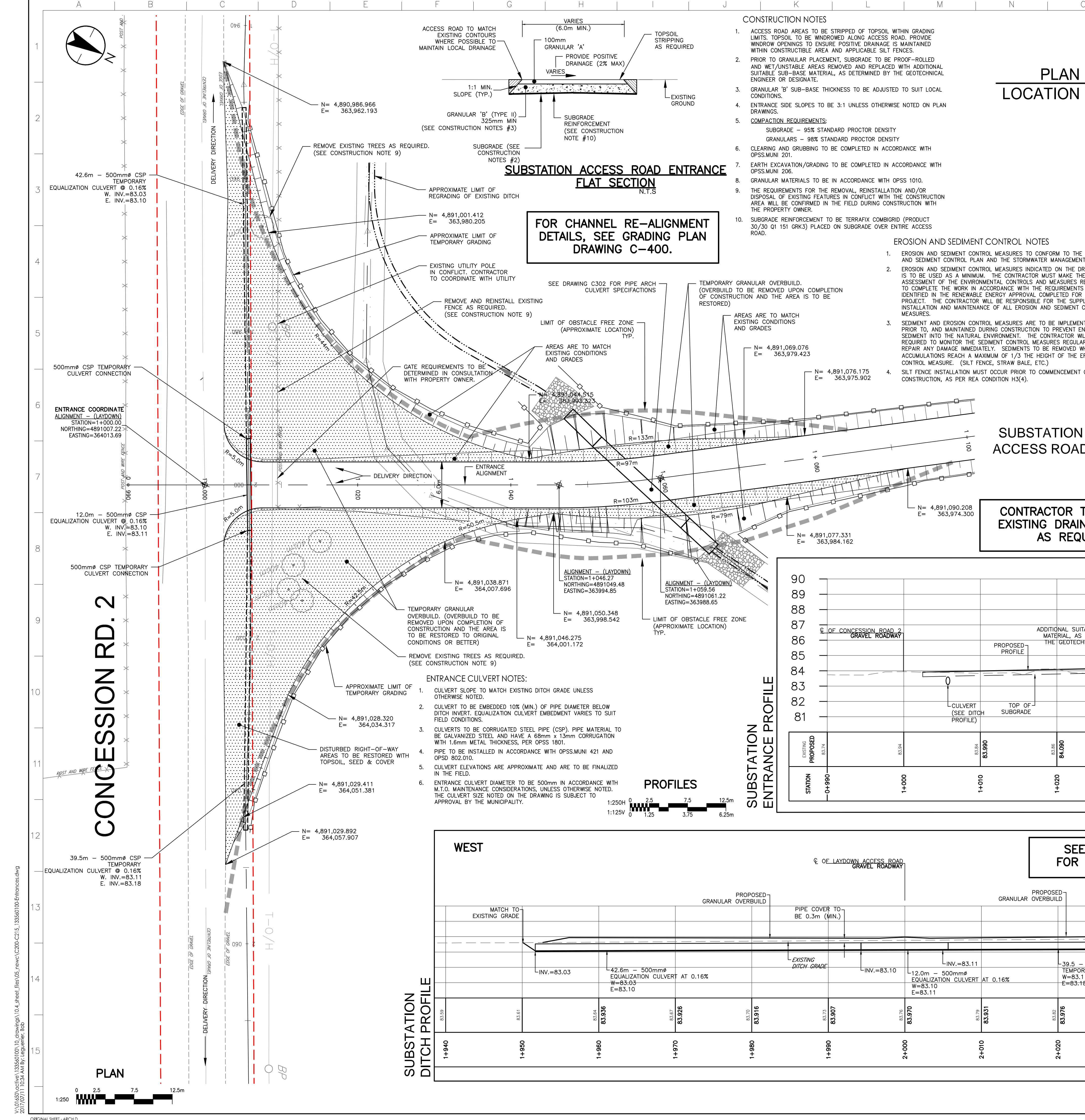


SEE DRAWING C201c FOR ADDITIONAL ACCESS ROAD DETAILS



- CONSTRUCTION NOTES
- ACCESS ROAD AREAS TO BE STRIPPED OF TOPSOIL WITHIN GRADING LIMITS. TOPSOIL TO BE WINDROWED ALONG ACCESS ROAD. PROVIDE WINDOW OPENINGS TO ENSURE POSITIVE DRAINAGE IS MAINTAINED WITHIN CONSTRUCTIBLE AREA AND APPLICABLE SILT FENCES.
  - PRIOR TO GRANULAR PLACEMENT, SUBGRADE TO BE PROOF-ROLLED AND WET/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 COMBGRID (PRODUCT 30/30 Q151 GRK3) PLACED ON SUBGRADE OVER ENTIRE ACCESS ROAD.

- EROSION AND SEDIMENT CONTROL NOTES
- EROSION AND SEDIMENT CONTROL MEASURES TO CONFORM TO THE EROSION AND SEDIMENT CONTROL PLAN AND THE STORMWATER MANAGEMENT PLAN.
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  - SILT FENCE INSTALLATION MUST OCCUR PRIOR TO COMMENCEMENT OF CONSTRUCTION, AS PER REA CONDITION H3(4).



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- 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

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Reviewed - No comments	Date [dd-mm-yyyy]
Reviewed - Incorporate comments and resubmit	Date [dd-mm-yyyy]
Reviewed - Not accepted	Date [dd-mm-yyyy]
Project Manager - PHCL	Date [dd-mm-yyyy]
Project Manager - Windlectric	Date [dd-mm-yyyy]
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	16.10.14

Revision

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

Client/Project

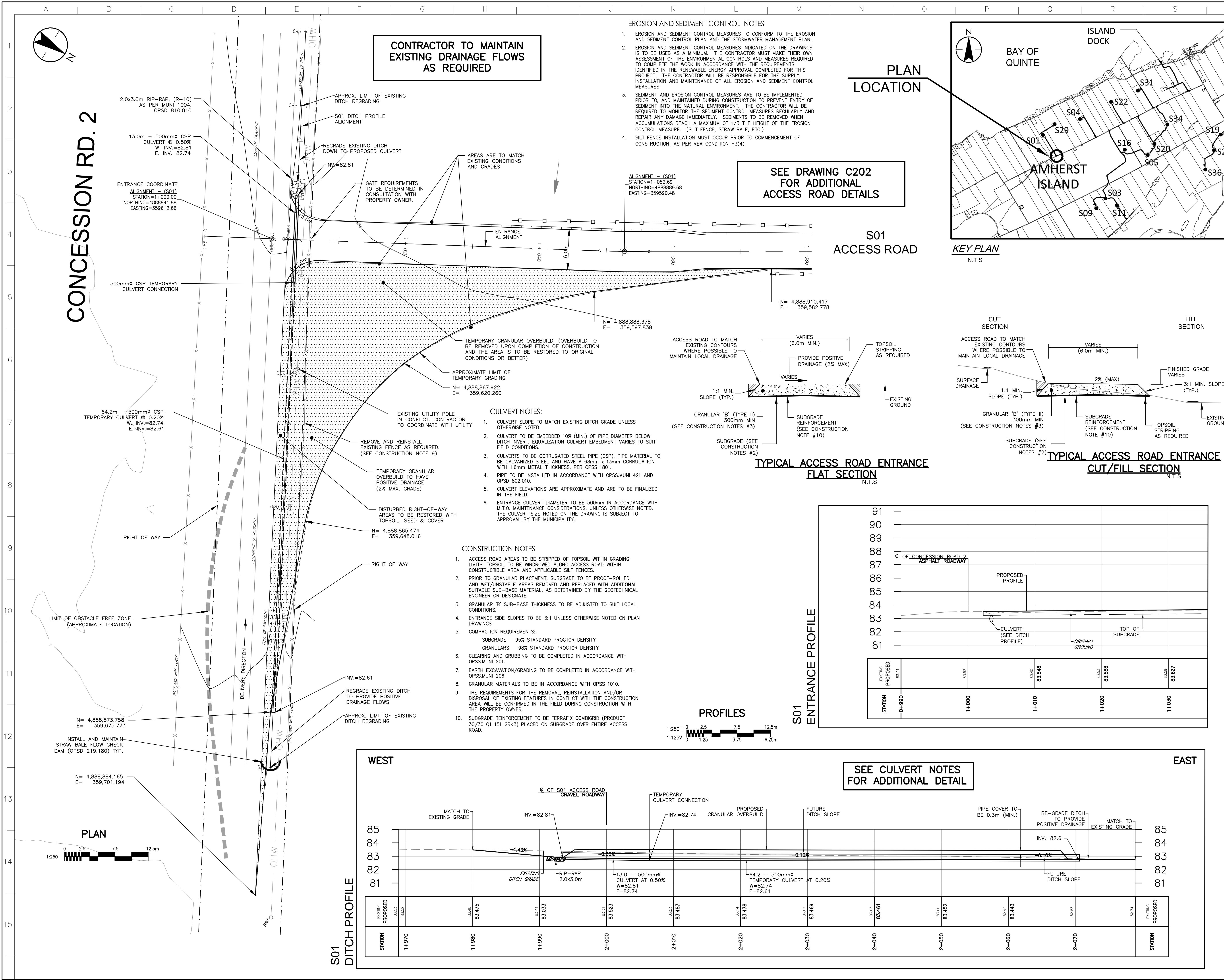


AMHERST ISLAND WIND PROJECT  
75MW WIND FARM  
Amherst Island, Loyalist Township, Ontario

Title

TEMPORARY ENTRANCE LAYOUT  
CONCESSION ROAD 2  
ENTRANCE FOR TURBINES S01 & S29

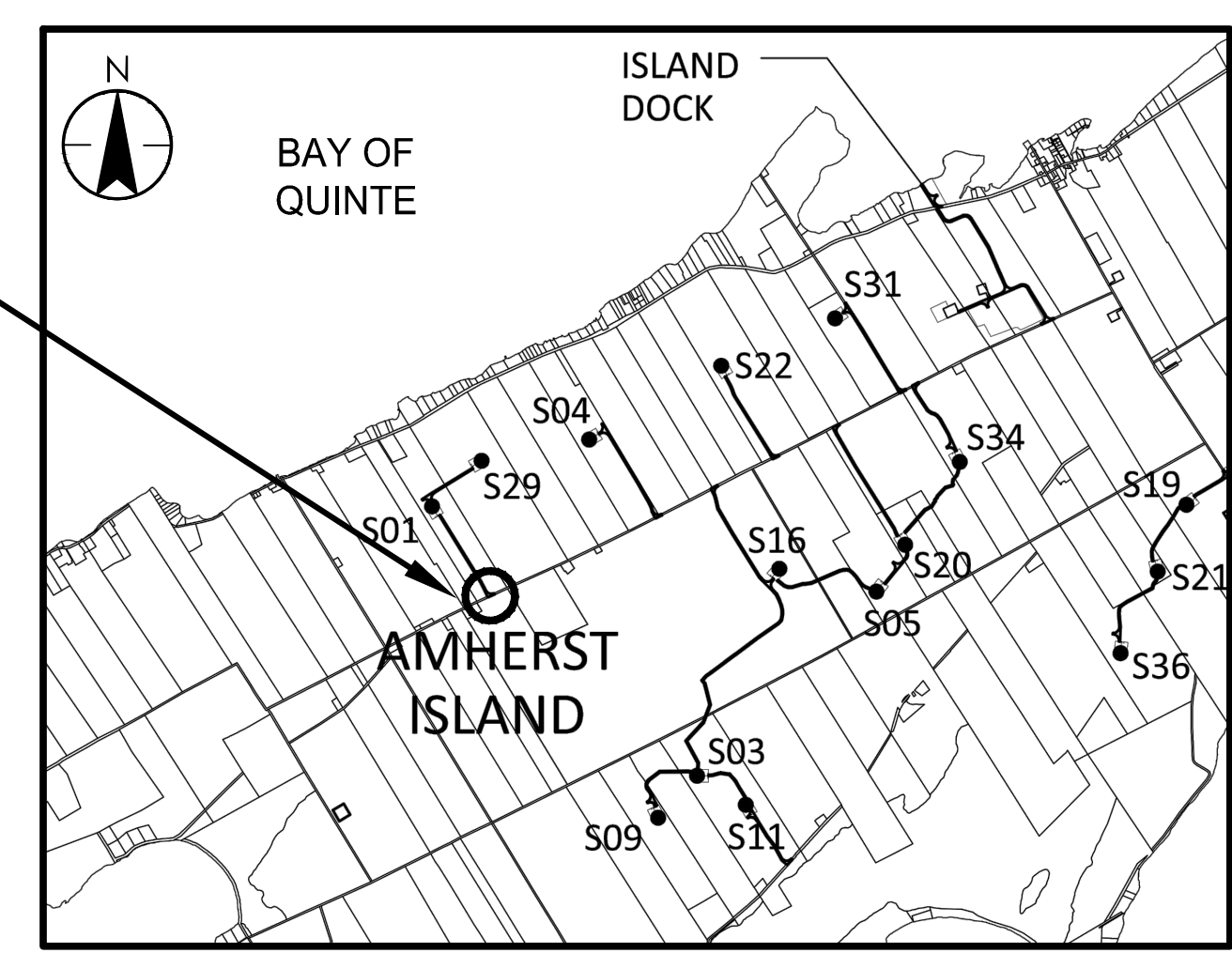
Project No.	133560100	Scale	1:250H 1:125V
Drawing No.		Sheet	
		Revision	



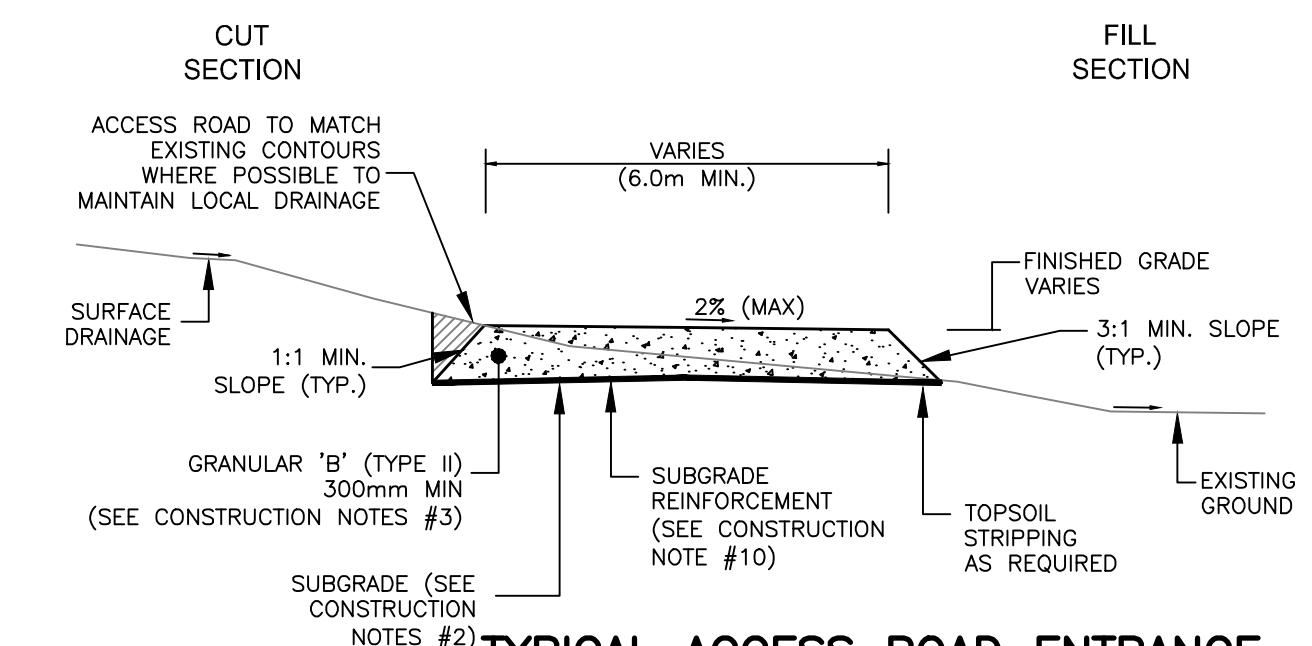
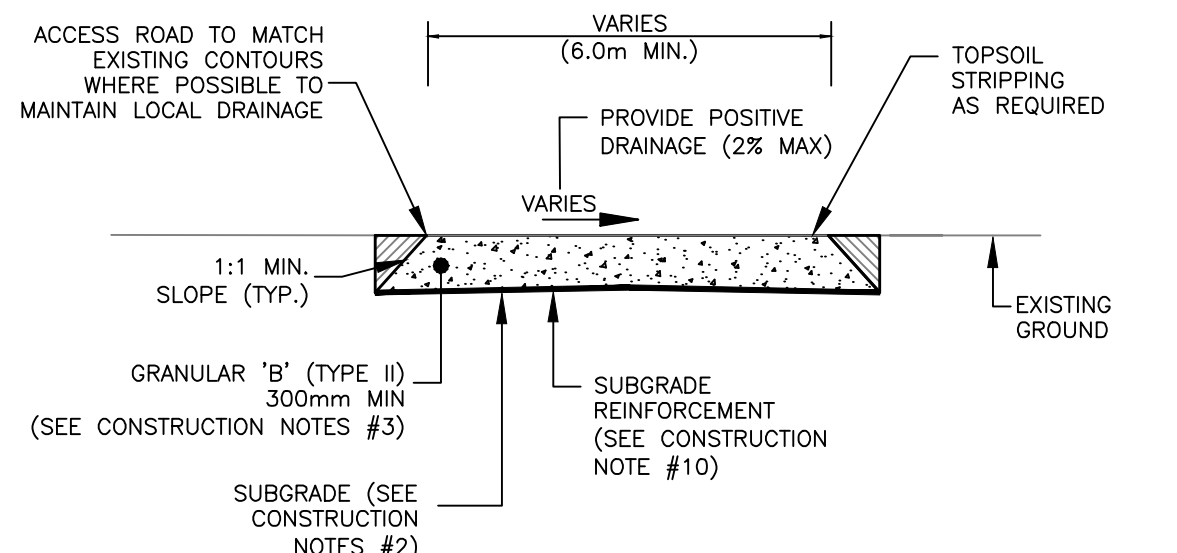
CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

- EROSION AND SEDIMENT CONTROL NOTES
- EROSION AND SEDIMENT CONTROL MEASURES TO CONFORM TO THE EROSION AND SEDIMENT CONTROL PLAN AND THE STORMWATER MANAGEMENT PLAN.
  - EROSION AND SEDIMENT CONTROL MEASURES INDICATED ON THE DRAWINGS IS TO BE USED AS A MINIMUM. THE CONTRACTOR MUST MAKE THEIR OWN ASSESSMENT OF THE ENVIRONMENTAL CONTROLS AND MEASURES REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE REQUIREMENTS IDENTIFIED IN THE RENEWABLE ENERGY APPROVAL COMPLETED FOR THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE SUPPLY, INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
  - SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED PRIOR TO, AND MAINTAINED DURING CONSTRUCTION TO PREVENT ENTRY OF SEDIMENT INTO THE NATURAL ENVIRONMENT. THE CONTRACTOR WILL BE REQUIRED TO MONITOR THE SEDIMENT CONTROL MEASURES REGULARLY AND REPAIR ANY DAMAGE IMMEDIATELY. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF 1/3 THE HEIGHT OF THE EROSION CONTROL MEASURE. (SILT FENCE, STRAW BALE, ETC.)
  - SILT FENCE INSTALLATION MUST OCCUR PRIOR TO COMMENCEMENT OF CONSTRUCTION, AS PER REA CONDITION H3(4).

SEE DRAWING C202 FOR ADDITIONAL ACCESS ROAD DETAILS

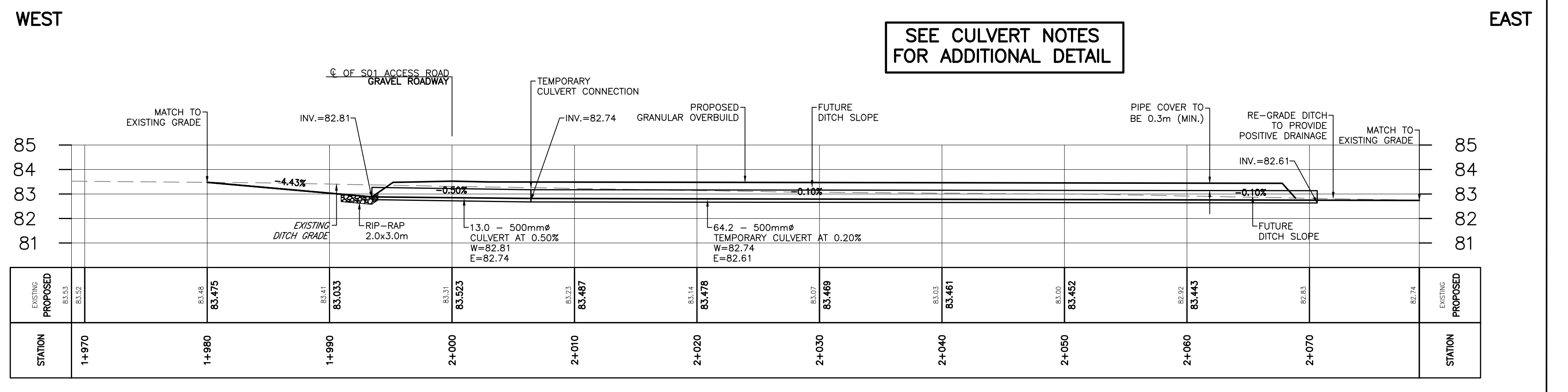
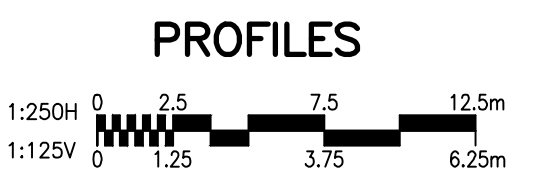
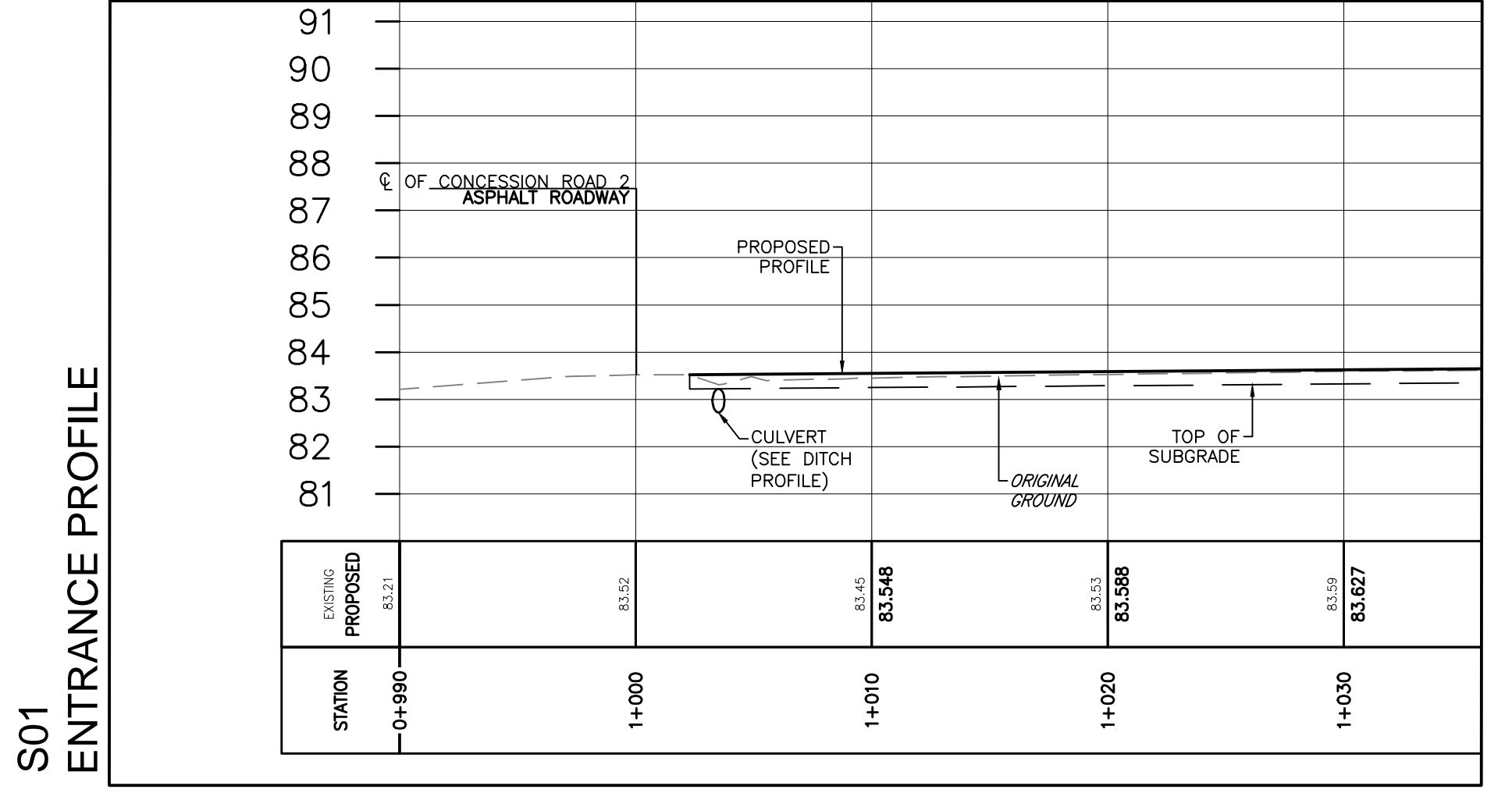


S01 ACCESS ROAD



- 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 13mm 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.

- 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 WET/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 COMBRIGD (PRODUCT 30/30 01 151 GRK3) PLACED ON SUBGRADE OVER ENTIRE ACCESS ROAD.



SEE CULVERT NOTES FOR ADDITIONAL DETAIL

CONCESSION RD. 2

PLAN

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2017/05/04 8:55 AM by: dmp@stantec.com

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- 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

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<input type="checkbox"/> Reviewed - Incorporate comments and resubmit	Date [dd-mm-yy]
<input type="checkbox"/> Reviewed - Not accepted	Date [dd-mm-yy]
Reviewed By	Date [dd-mm-yy]
Project Manager - PHCL	Date [dd-mm-yy]
Project Manager - Windlectric	Date [dd-mm-yy]
Owner:	

B	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.04
A	ISSUED FOR CLIENT REVIEW	RCL	MPG	16.10.14
Revision		By	Appd.	YY.MM.DD

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

Client/Project

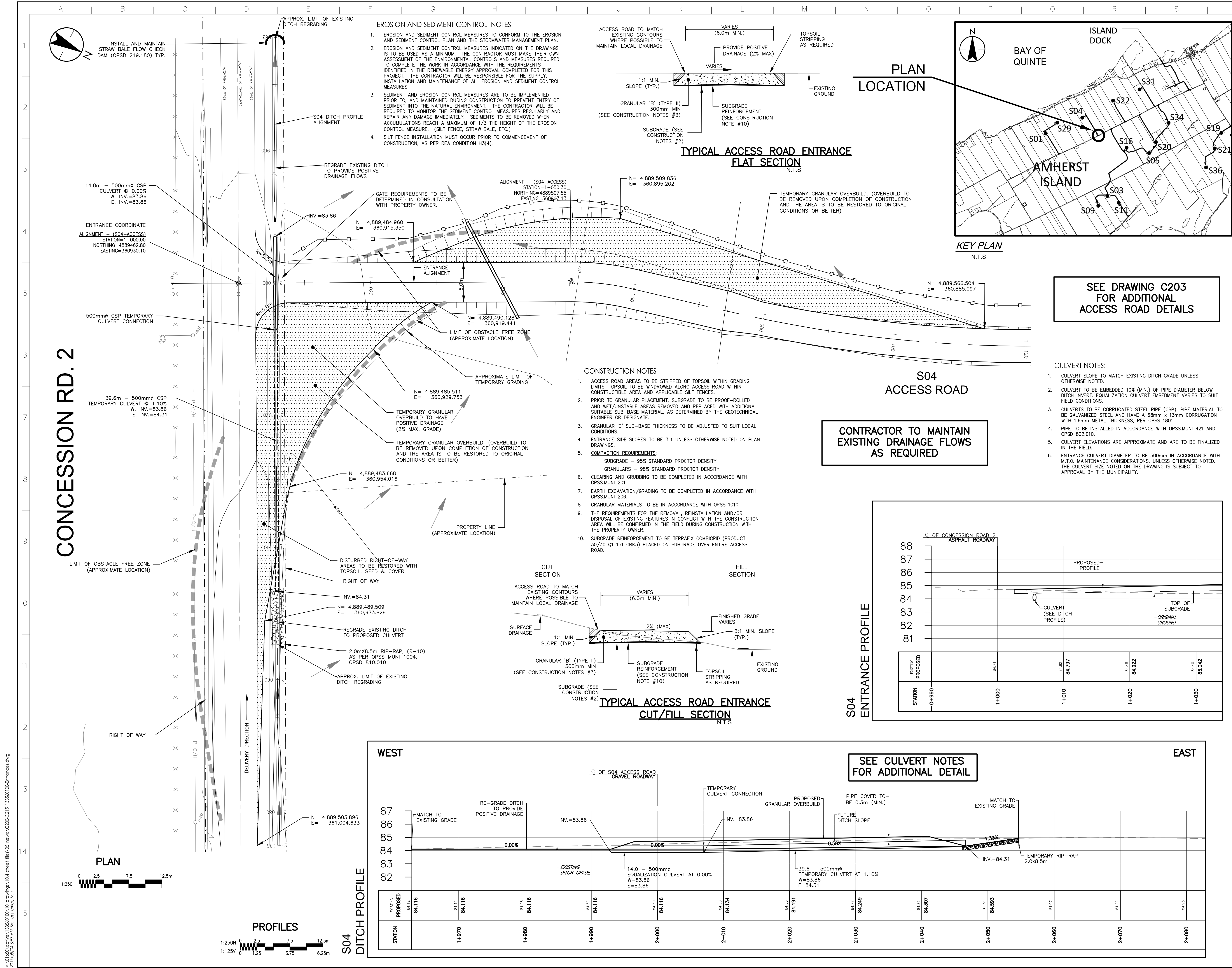


AMHERST ISLAND WIND PROJECT  
75MW WIND FARM  
Amherst Island, Loyalist Township, Ontario

Title

TEMPORARY ENTRANCE LAYOUT  
CONCESSION ROAD 2  
ENTRANCE FOR TURBINE S04

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



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- 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)
- ROAD ALLOWANCE
- PROPOSED SILT FENCING
- TEMPORARY OVERBUILD AREA

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Reviewed - Incorporate comments and resubmit	Date [dd-mm-yyyy]
Reviewed - Not accepted	Date [dd-mm-yyyy]
Reviewed By	Date [dd-mm-yyyy]
Project Manager - PHCL	Date [dd-mm-yyyy]
Project Manager - Windlectric	Date [dd-mm-yyyy]
Owner:	

F	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.07.05
E	AS PER REVIEW COMMENTS	RCL	MPG	17.06.06
D	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.09
C	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.04
B	ISSUED FOR CLIENT REVIEW	RCL	MPG	17.04.17
A	ISSUED FOR CLIENT REVIEW	RCL	MPG	16.10.14
Revision		By	Appd.	YY.MM.DD

File Name:	C204-C215_133560100-Entrances.dwg	RCL	MPG	RCL	16.09.16
Permit/Seal		Dwn.	Chkd.	Dgn.	YY.MM.DD

Client/Project

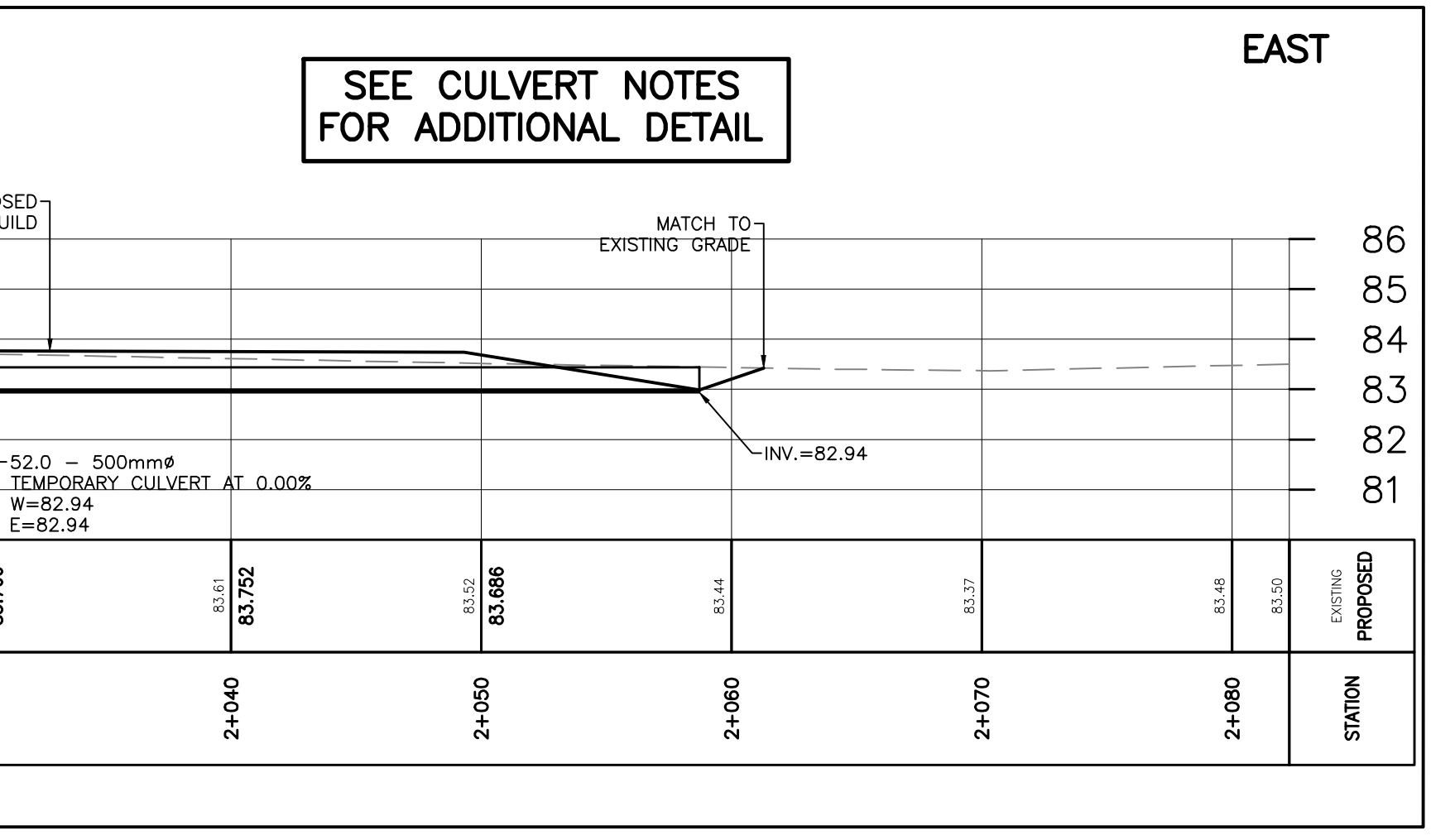
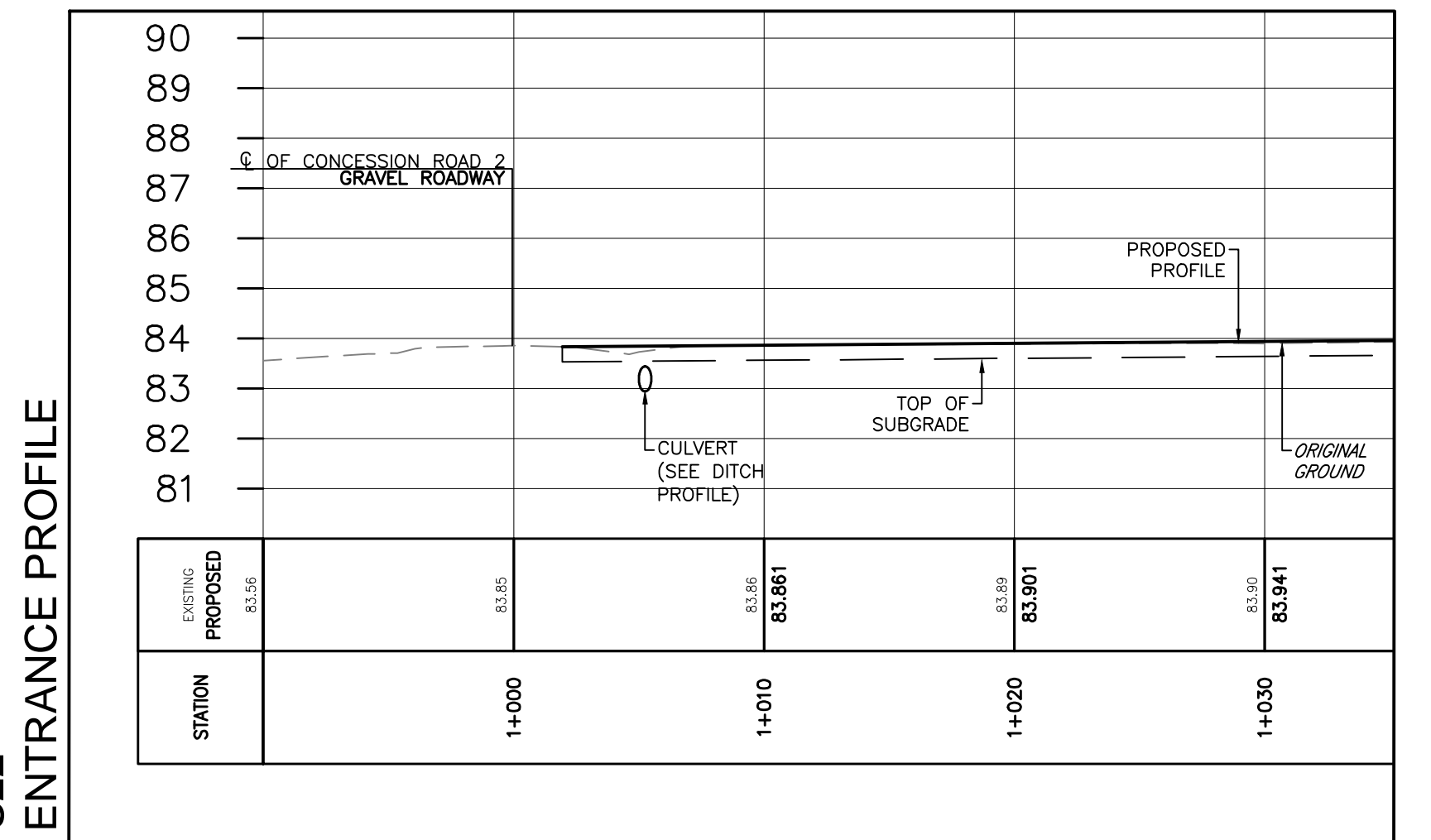
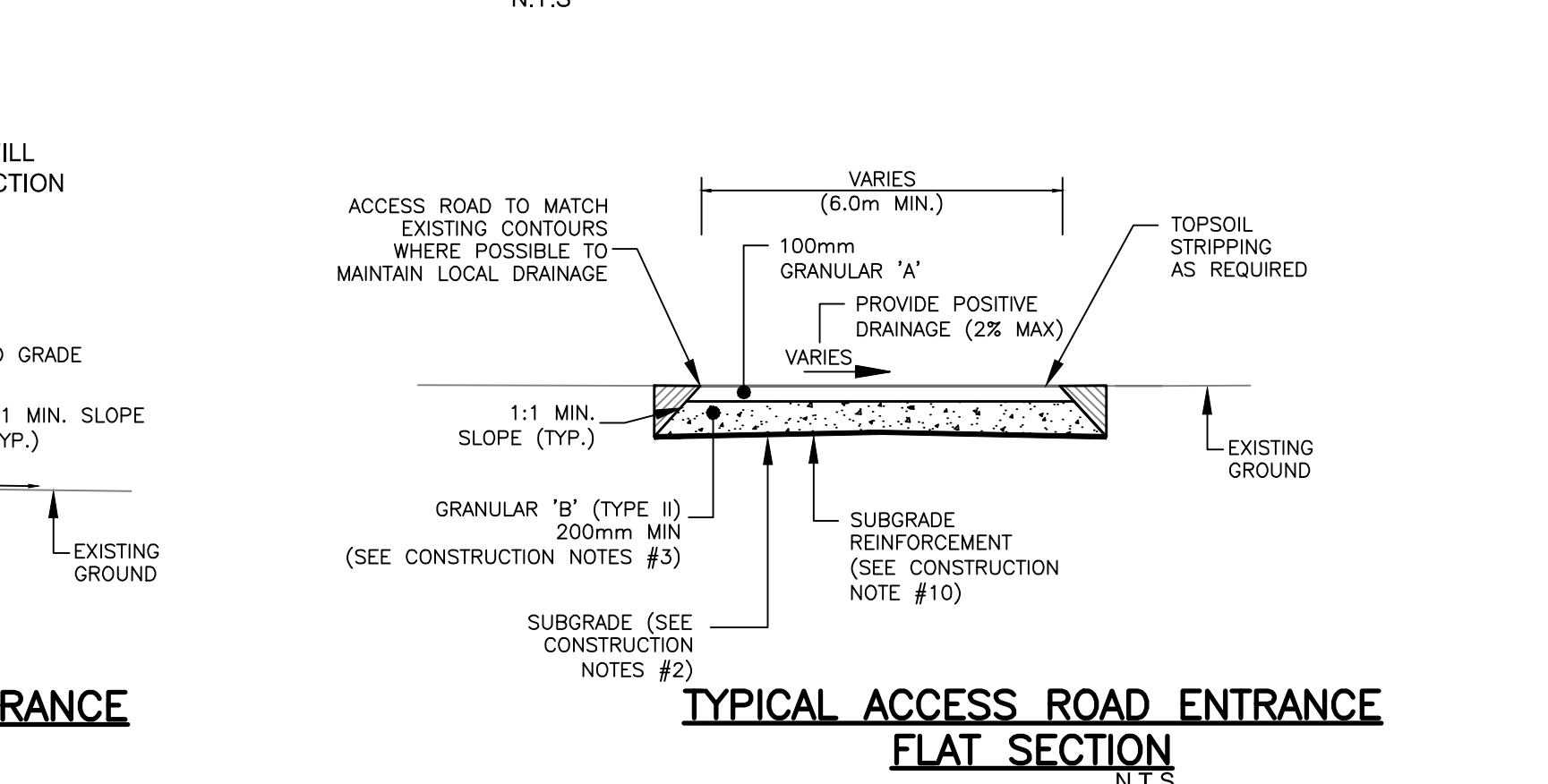
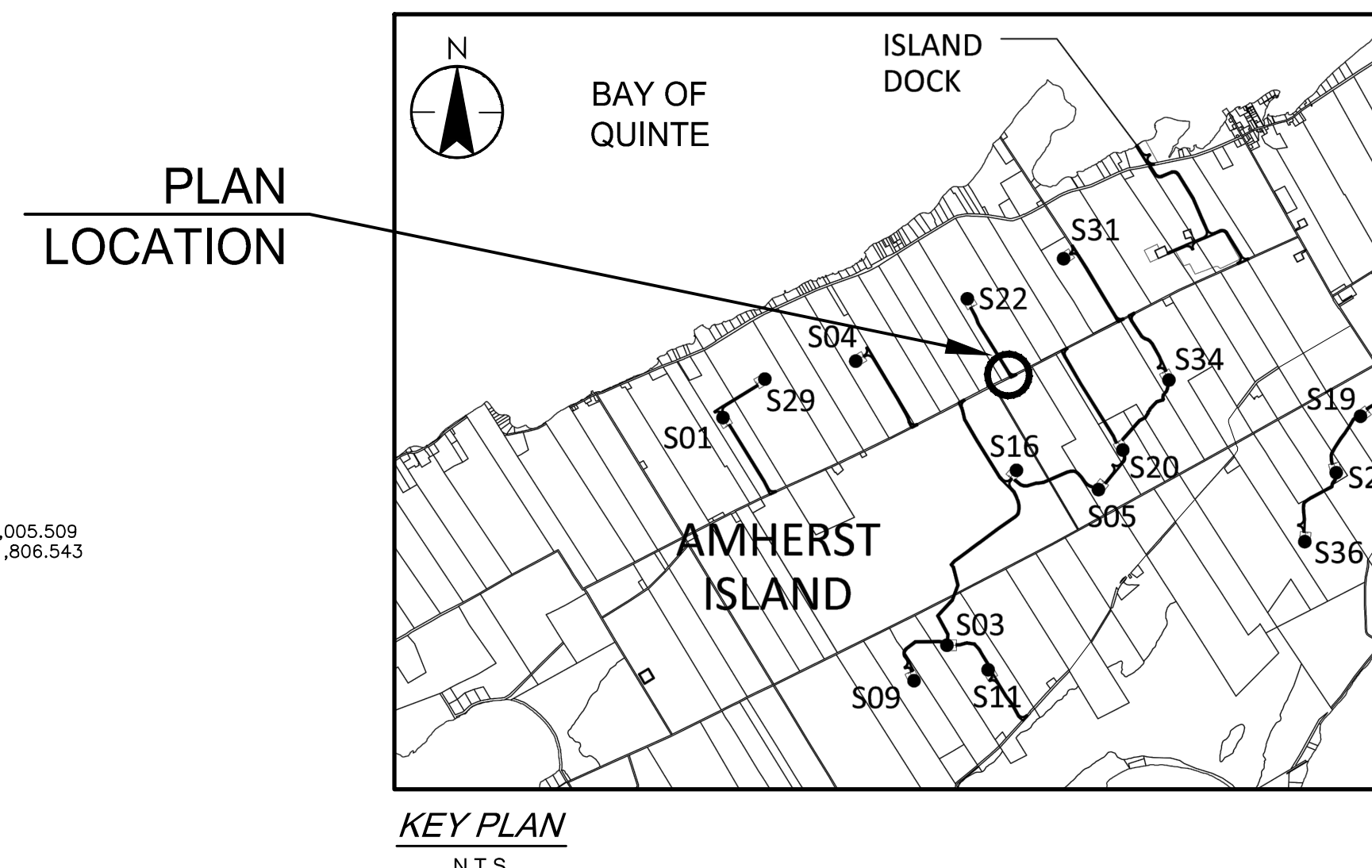


AMHERST ISLAND WIND PROJECT  
75MW WIND FARM  
Amherst Island, Loyalist Township, Ontario

Title

TEMPORARY ENTRANCE LAYOUT  
CONCESSION ROAD 2  
ENTRANCE FOR TURBINE S22

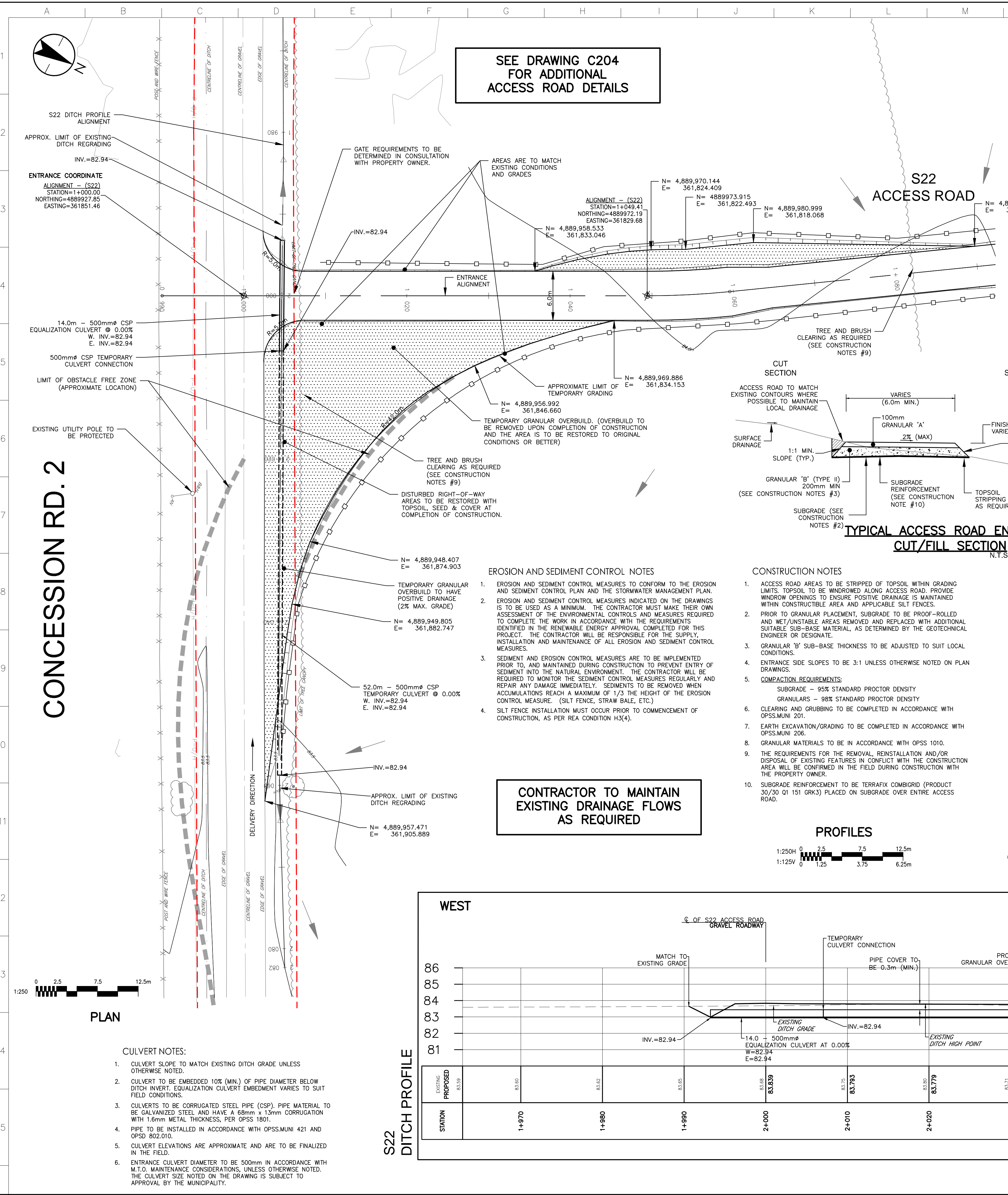
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Drawing No.	Sheet	Revision	



SEE DRAWING C204 FOR ADDITIONAL ACCESS ROAD DETAILS

CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

SEE CULVERT NOTES FOR ADDITIONAL DETAIL



- EROSION AND SEDIMENT CONTROL NOTES**
- EROSION AND SEDIMENT CONTROL MEASURES TO CONFORM TO THE EROSION AND SEDIMENT CONTROL PLAN AND THE STORMWATER MANAGEMENT PLAN.
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  - SILT FENCE INSTALLATION MUST OCCUR PRIOR TO COMMENCEMENT OF CONSTRUCTION, AS PER REA CONDITION H3(4).

- 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
  - 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 COMBGRID (PRODUCT 30/30 Q1 151 GRK.3) PLACED ON SUBGRADE OVER ENTIRE ACCESS ROAD.

CONCESSION RD. 2

- 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 63mm x 13mm 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.

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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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Reviewed - Not accepted	Date [dd-mm-yyyy]
Reviewed By	Date [dd-mm-yyyy]
Project Manager - PHCL	Date [dd-mm-yyyy]
Project Manager - Windlectric	Date [dd-mm-yyyy]
Owner:	

ISSUED FOR CLIENT REVIEW	RCL	MPG	16.11.24
Revision	By	Appd.	YYMM.DD

File Name: C200-C215_133560100-Entrances.dwg	RCL	MPG	RCL	16.09.16
	Dwn.	Chkd.	Dign.	YYMM.DD

Permit-Seal

Client/Project



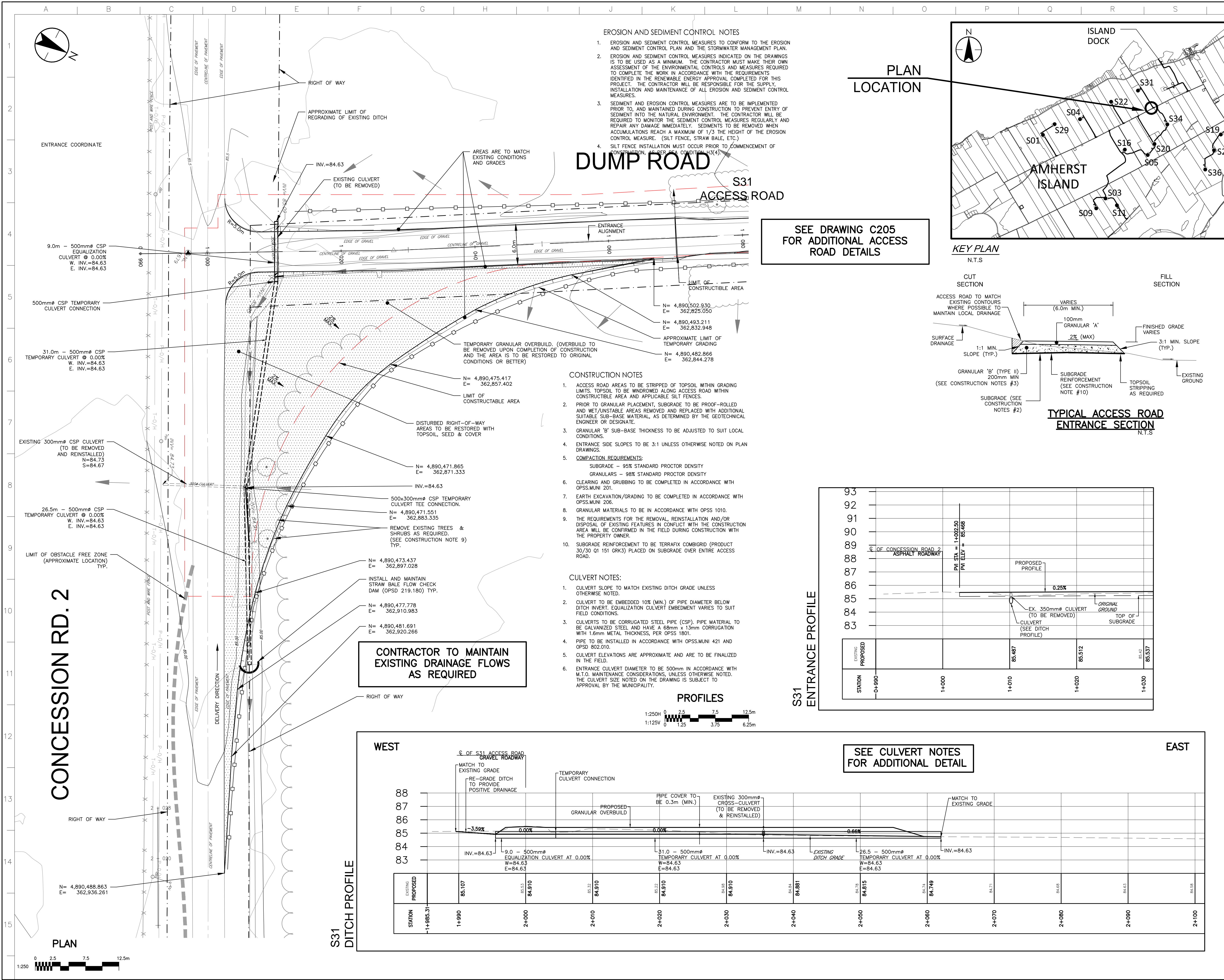
AMHERST ISLAND WIND PROJECT  
75MW WIND FARM  
Amherst Island, Loyalist Township, Ontario

Title

TEMPORARY ENTRANCE LAYOUT  
CONCESSION ROAD 2  
ENTRANCE FOR TURBINE S31

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

Drawing No. Sheet Revision



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2017/05/09 4:24 PM by: hudson.dan

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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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Project Manager - PHCL	Date [dd-mm-yy]
Project Manager - Windlectric	Date [dd-mm-yy]
Owner:	

B	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.04
A	ISSUED FOR CLIENT REVIEW	RCL	MPG	16.12.14
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

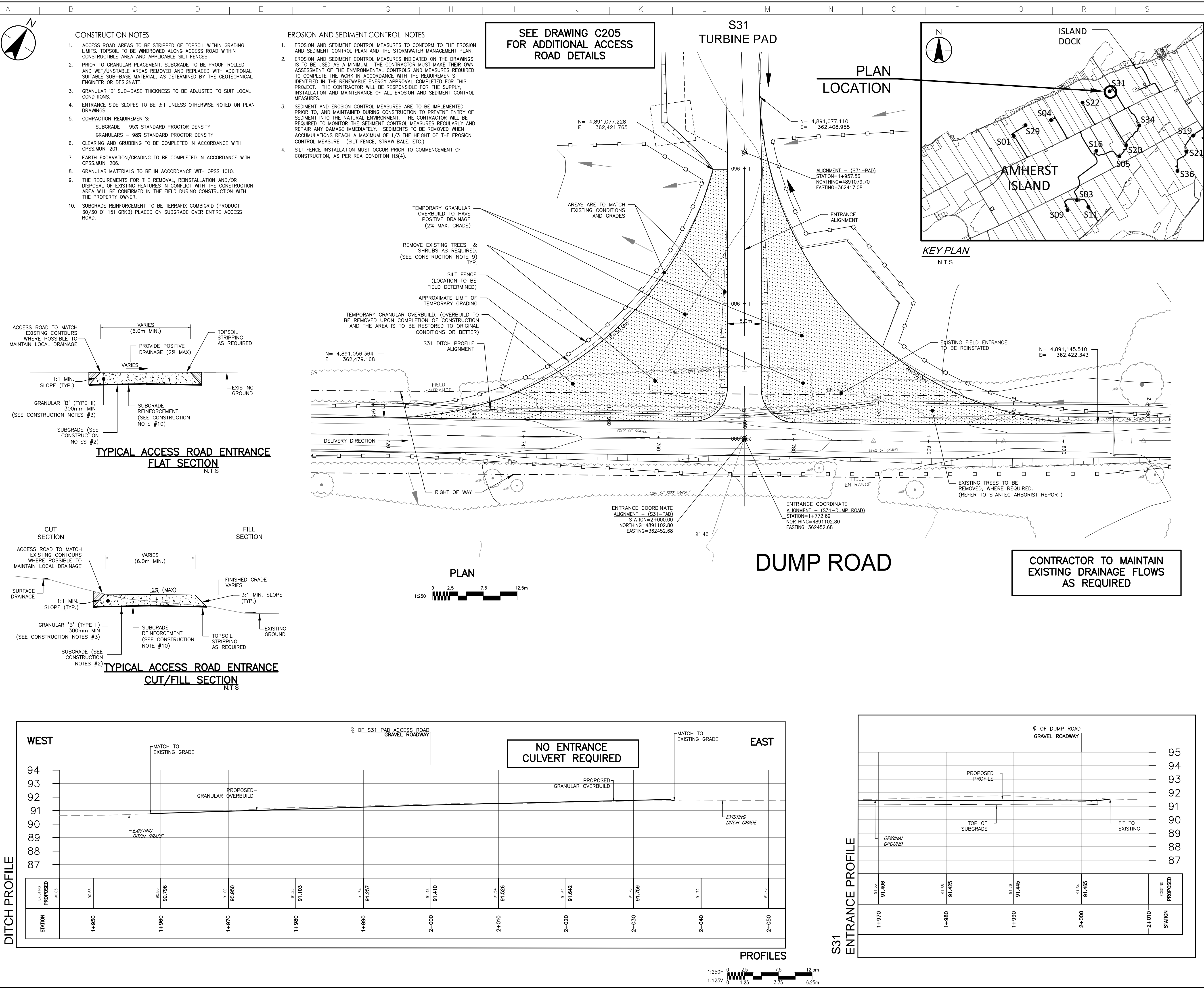
AMHERST ISLAND WIND PROJECT  
75MW WIND FARM  
Amherst Island, Loyalist Township, Ontario

Title

TEMPORARY ENTRANCE LAYOUT  
DUMP ROAD  
ENTRANCE FOR TURBINE S31

Project No. 133560100  
Drawing No. Sheet Revision

Scale  
1:250H 0 2.5 7.5 12.5m  
1:125V 0 1.25 3.75 6.25m



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2017/05/04 10:10 AM by: enginermf.80



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- 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 (CRS) 1997.0)
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- 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)
- ROAD ALLOWANCE
- PROPOSED SILT FENCING
- TEMPORARY OVERBUILD AREA

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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:	

D	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.07.10
C	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.09
B	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.04
A	ISSUED FOR CLIENT REVIEW	RCL	MPG	16.10.14
Revision		By	Appd.	YY.MM.DD

File Name:	C206-C215_133560100-Entrances.dwg	RCL	MPG	RCL	16.09.16
Permit/Seal		Dwn.	Chkd.	Dgn.	YY.MM.DD

Client/Project

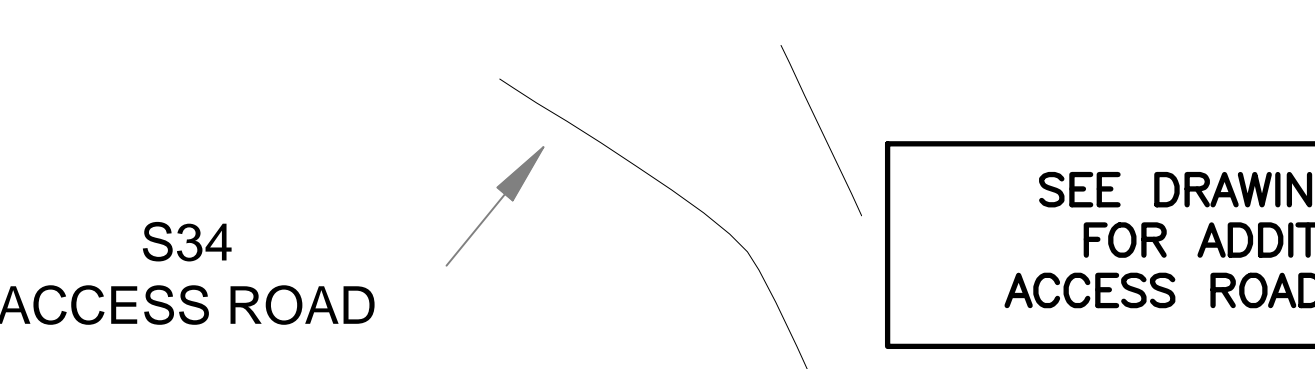
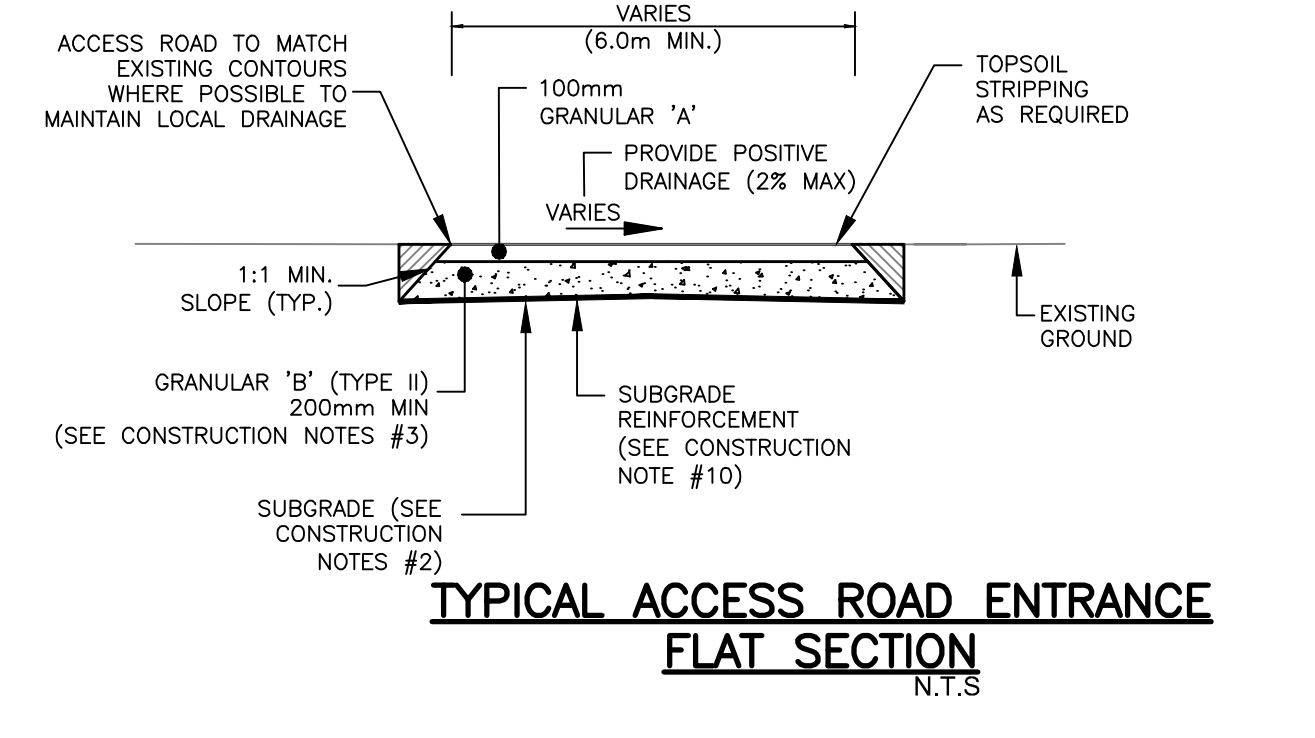
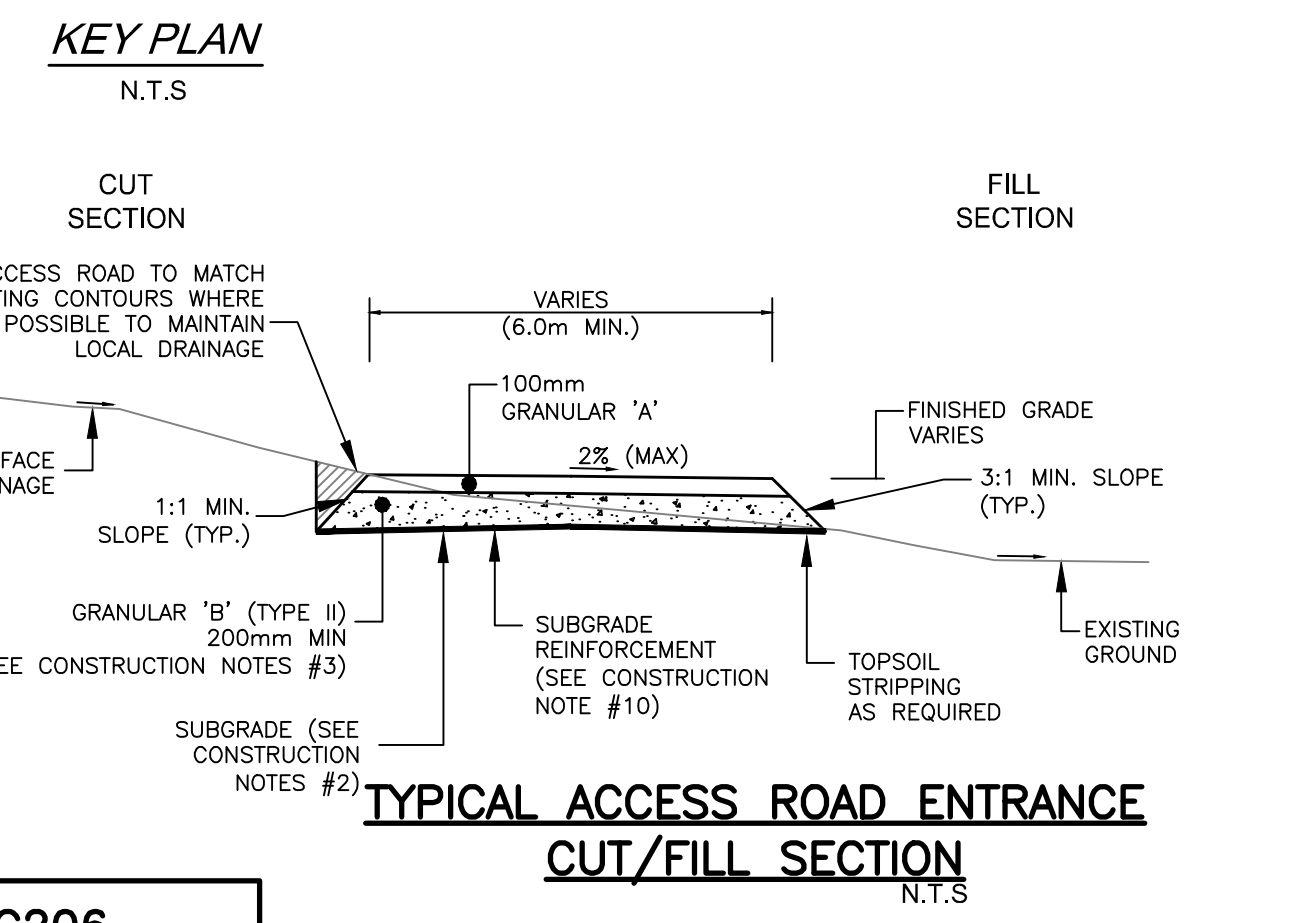
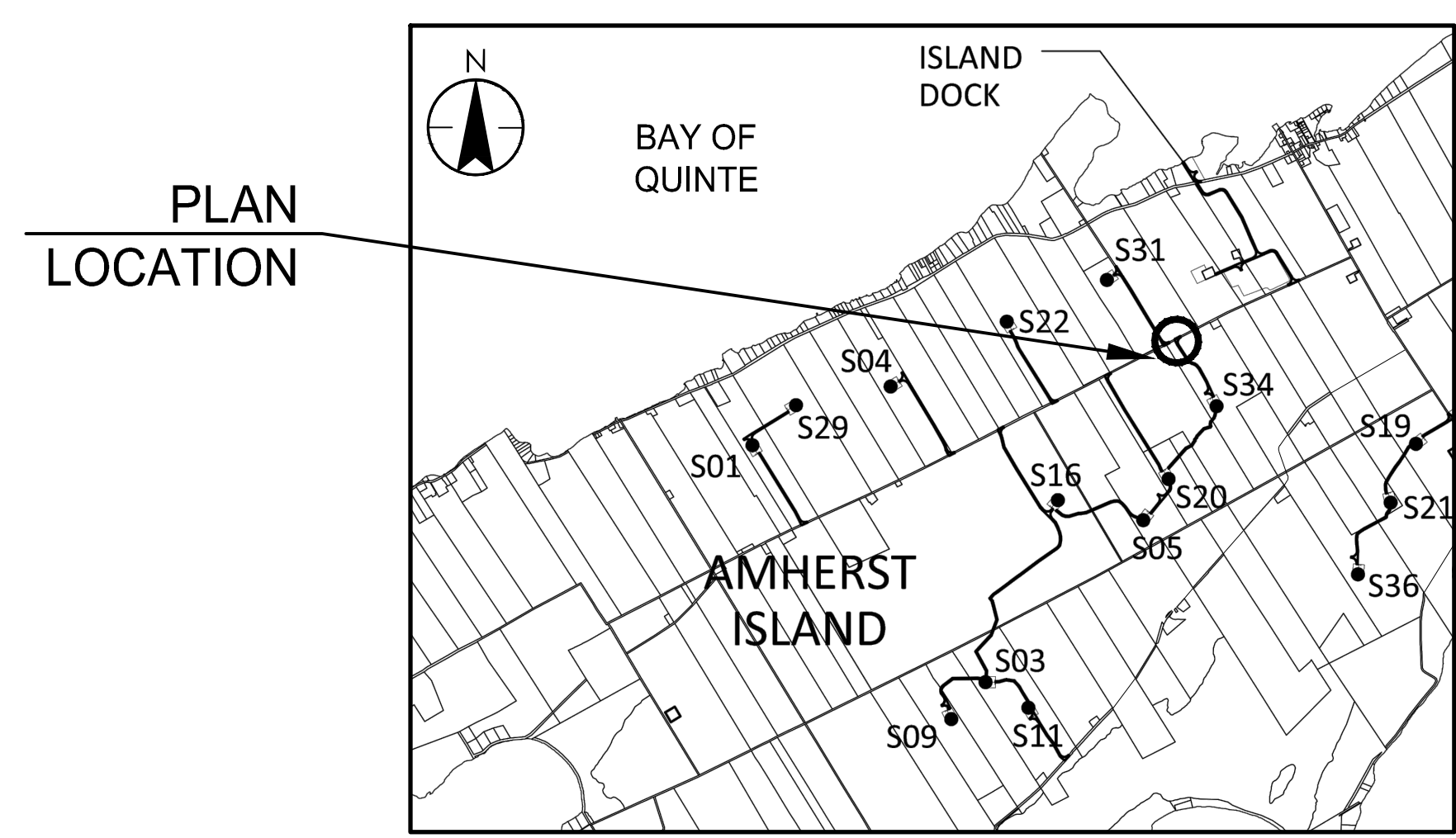


AMHERST ISLAND WIND PROJECT  
75MW WIND FARM  
Amherst Island, Loyalist Township, Ontario

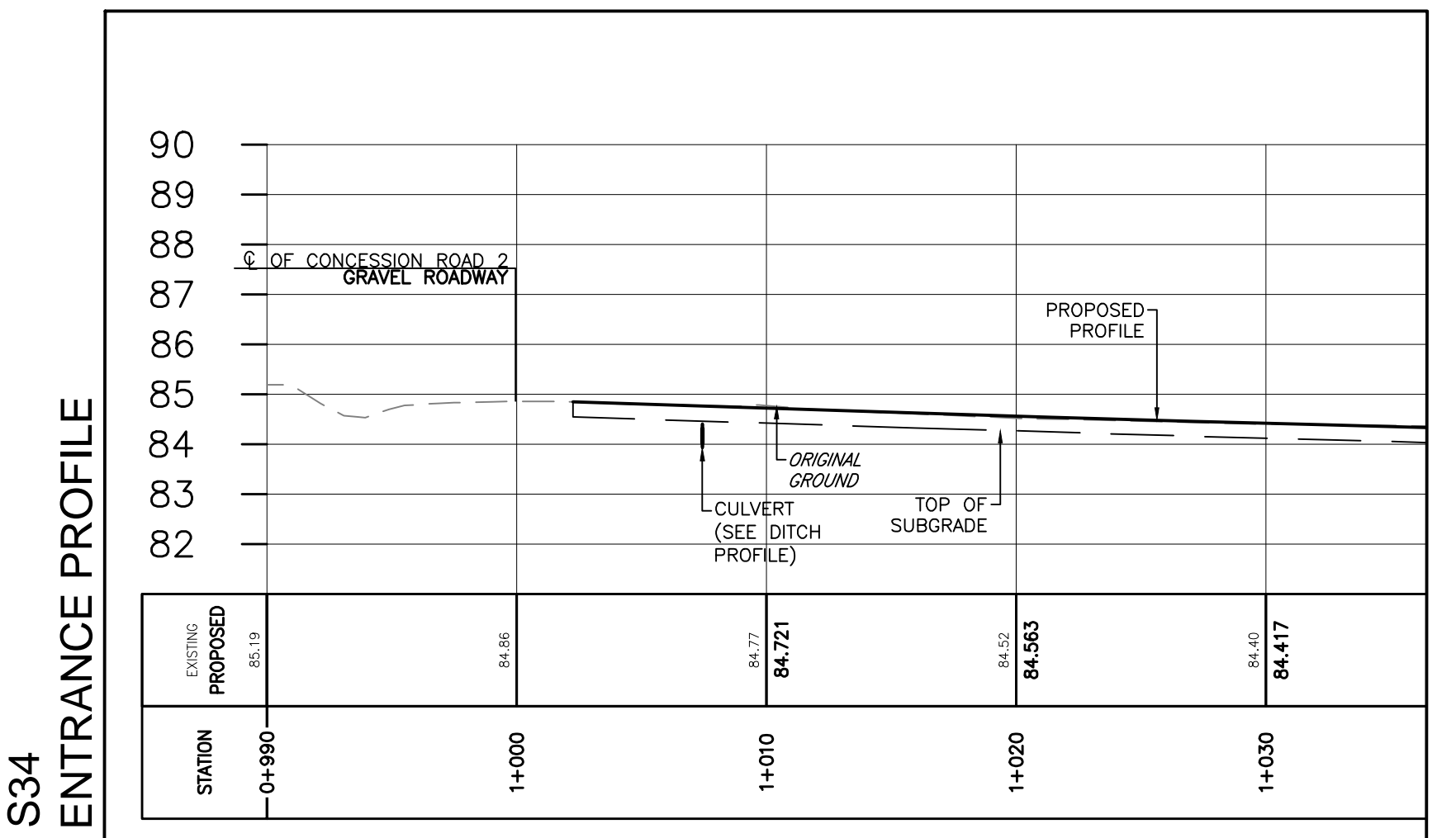
Title

TEMPORARY ENTRANCE LAYOUT  
CONCESSION ROAD 2  
ENTRANCE FOR TURBINE S34

Project No.	Scale
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Drawing No.	Sheet
	Revision



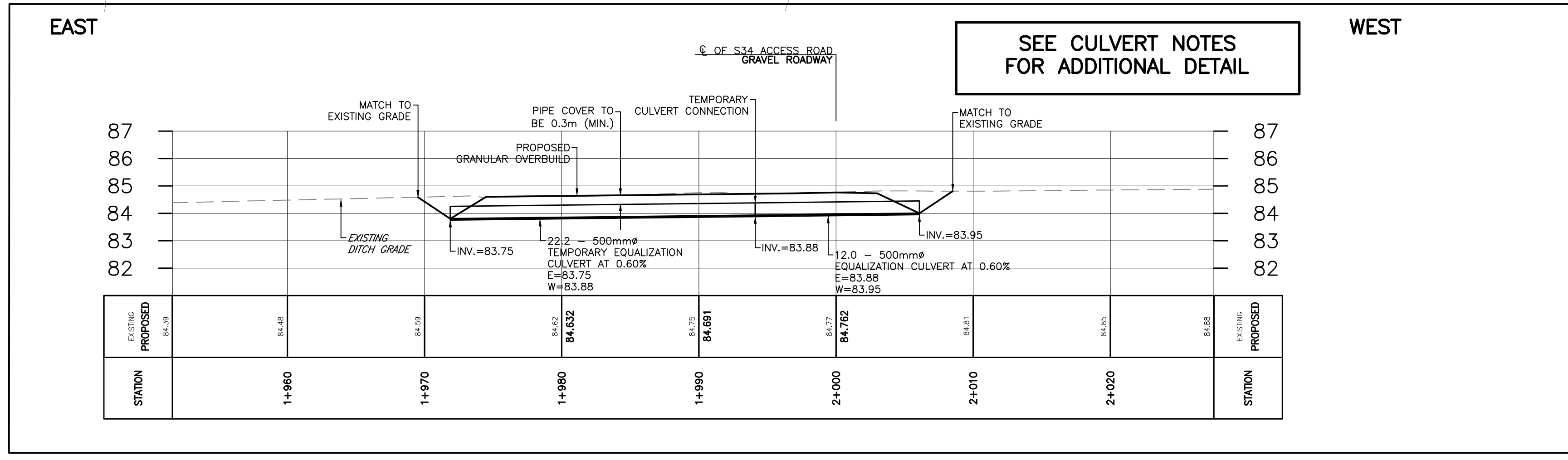
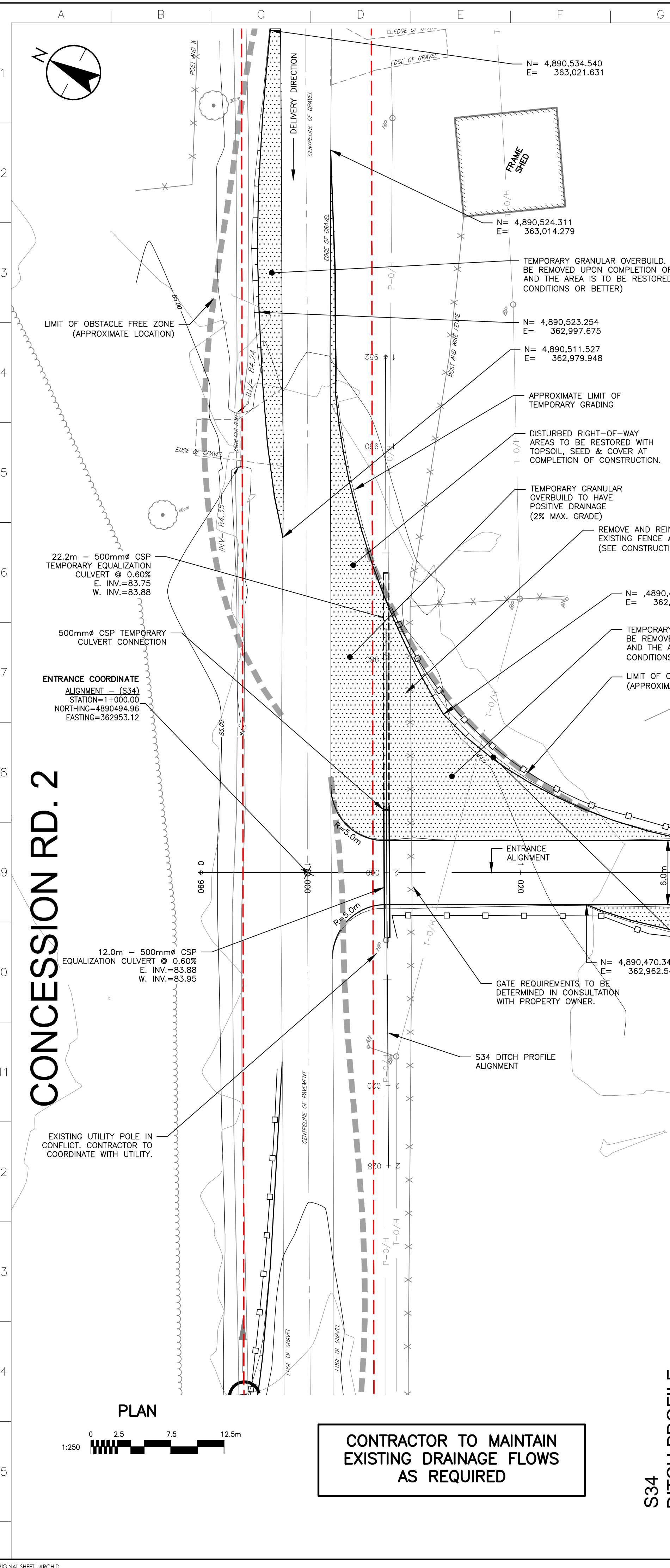
SEE DRAWING C206 FOR ADDITIONAL ACCESS ROAD DETAILS



- ### EROSION AND SEDIMENT CONTROL NOTES
- EROSION AND SEDIMENT CONTROL MEASURES TO CONFORM TO THE EROSION AND SEDIMENT CONTROL PLAN AND THE STORMWATER MANAGEMENT PLAN.
  - EROSION AND SEDIMENT CONTROL MEASURES INDICATED ON THE DRAWINGS IS TO BE USED AS A MINIMUM. THE CONTRACTOR MUST MAKE THEIR OWN ASSESSMENT OF THE ENVIRONMENTAL CONTROLS AND MEASURES REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE REQUIREMENTS IDENTIFIED IN THE RENEWABLE ENERGY APPROVAL COMPLETED FOR THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE SUPPLY, INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
  - SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED PRIOR TO, AND MAINTAINED DURING CONSTRUCTION TO PREVENT ENTRY OF SEDIMENT INTO THE NATURAL ENVIRONMENT. THE CONTRACTOR WILL BE REQUIRED TO MONITOR THE SEDIMENT CONTROL MEASURES REGULARLY AND REPAIR ANY DAMAGE IMMEDIATELY. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF 1/3 THE HEIGHT OF THE EROSION CONTROL MEASURE. (SILT FENCE, STRAW BALE, ETC.)
  - SILT FENCE INSTALLATION MUST OCCUR PRIOR TO COMMENCEMENT OF CONSTRUCTION, AS PER REA CONDITION H3(4).

- ### 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.
  - PRIOR TO GRANULAR PLACEMENT, SUBGRADE TO BE PROOF-ROLLED AND WET/UNSATURATED 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 COMBGRID (PRODUCT 30/30 Q1 151 GRK3) PLACED ON SUBGRADE OVER ENTIRE ACCESS ROAD.

- ### 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 65mm x 13mm 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 N.T.O. MAINTENANCE CONSIDERATIONS, UNLESS OTHERWISE NOTED. THE CULVERT SIZE NOTED ON THE DRAWING IS SUBJECT TO APPROVAL BY THE MUNICIPALITY.



CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

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- RIGHT OF WAY LIMITS ARE IN ACCORDANCE WITH INFORMATION PROVIDED BY MINTOSH 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

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Reviewed - Not accepted	Date [dd-mm-yyyy]
Project Manager - PHCL	Date [dd-mm-yyyy]
Project Manager - Windlectric	Date [dd-mm-yyyy]
Owner:	

Revision	By	Appd.	YY.MM.DD
C	RCL	MPG	17.05.04
B	RCL	MPG	16.11.25
A	RCL	MPG	16.10.18

Revision	By	Appd.	YY.MM.DD
	RCL	MPG	16.09.16

Permit-Seal

Client/Project

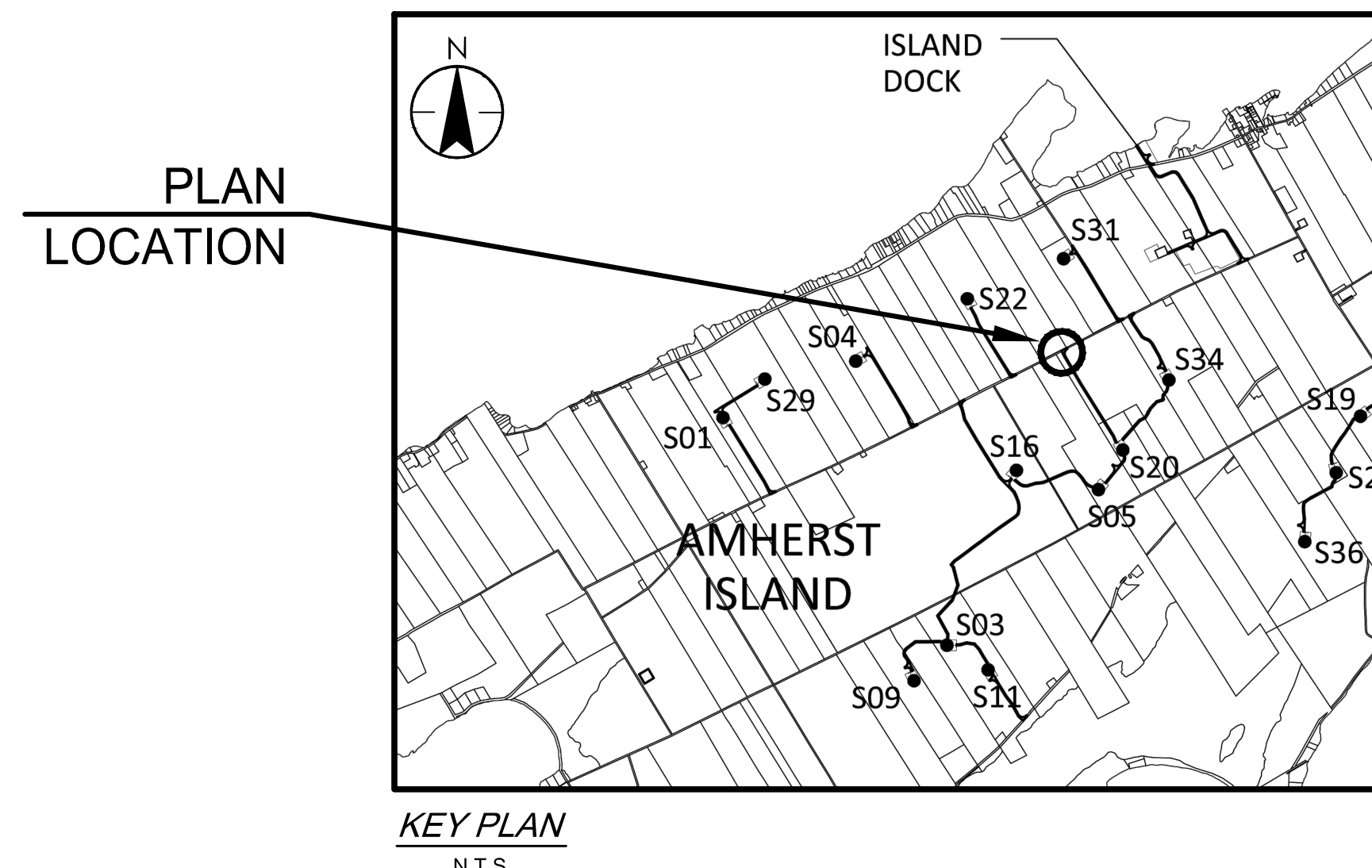


AMHERST ISLAND WIND PROJECT  
75MW WIND FARM  
Amherst Island, Loyalist Township, Ontario

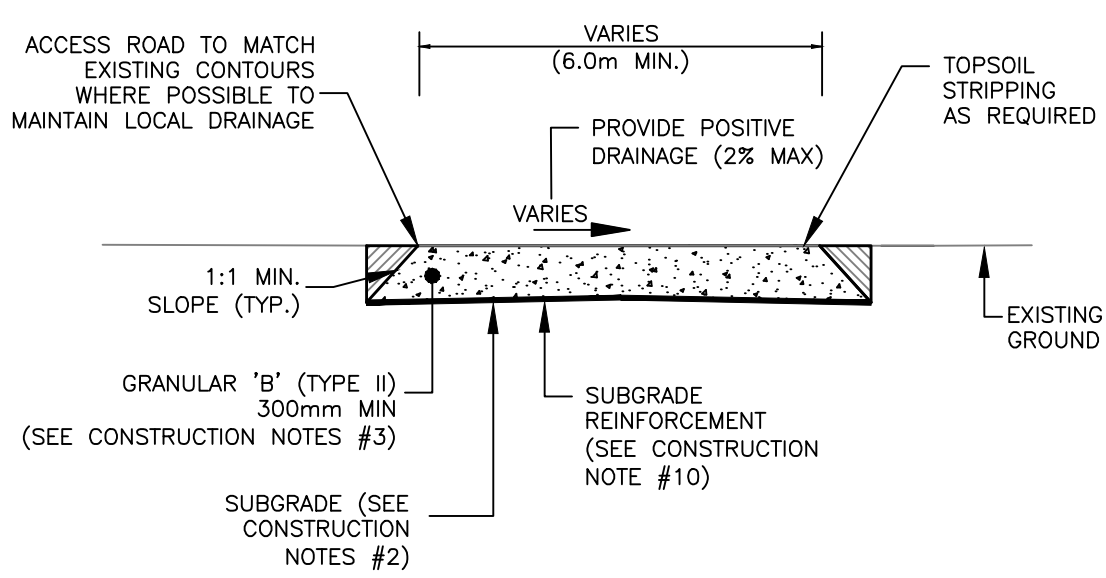
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TEMPORARY ENTRANCE LAYOUT  
CONCESSION ROAD 2  
ENTRANCE FOR TURBINES S05 AND S20

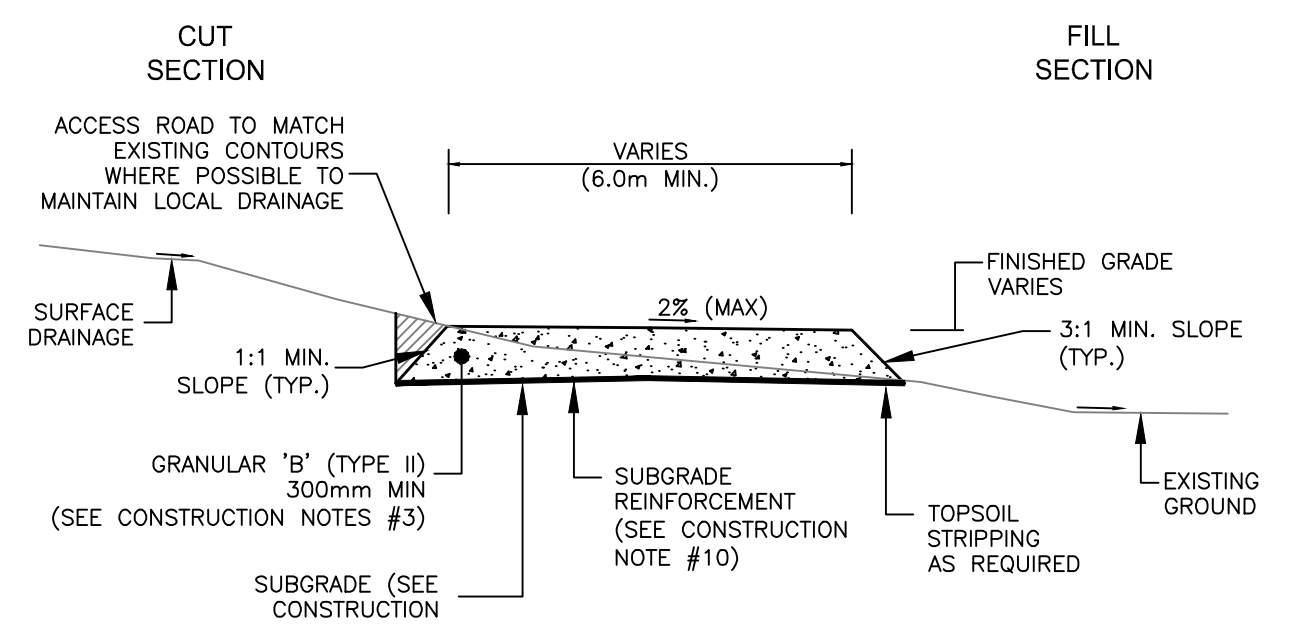
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Drawing No.	Sheet
	Revision



- EROSION AND SEDIMENT CONTROL NOTES**
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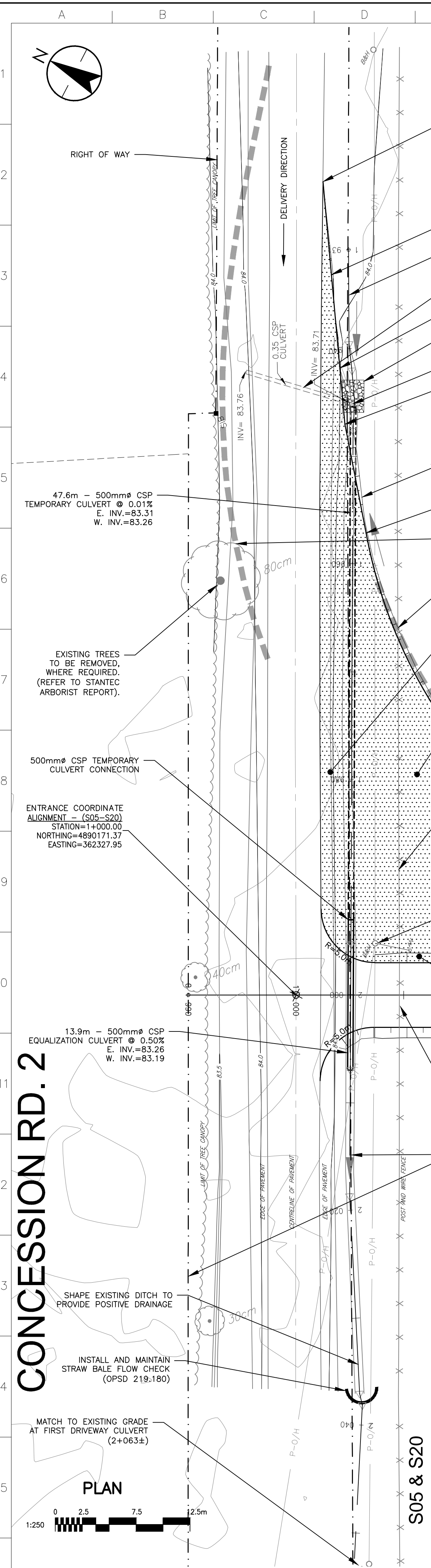
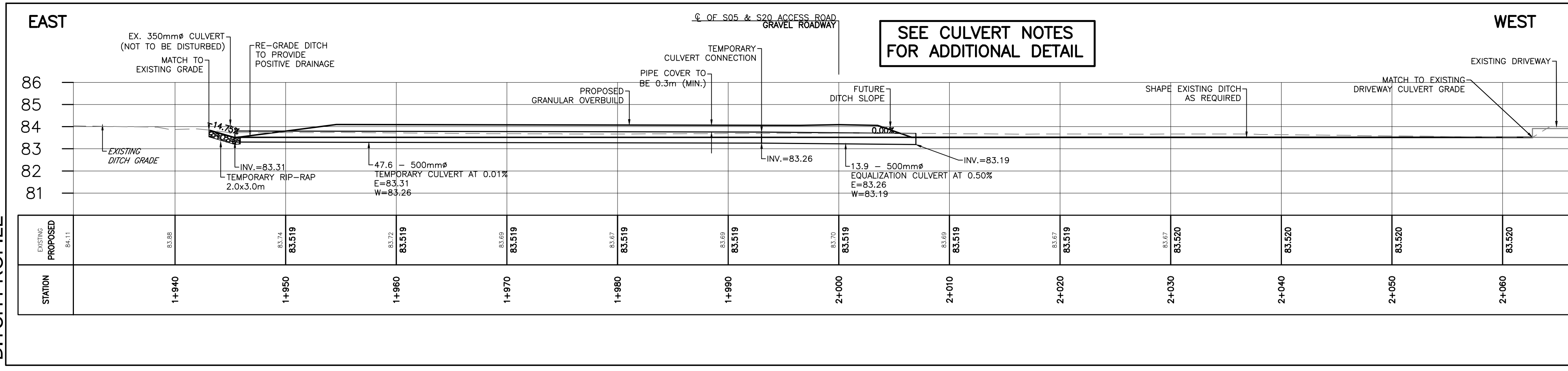
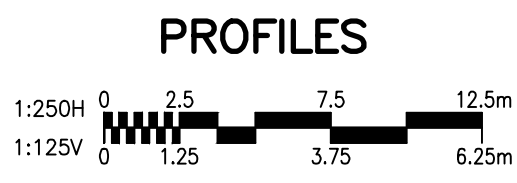
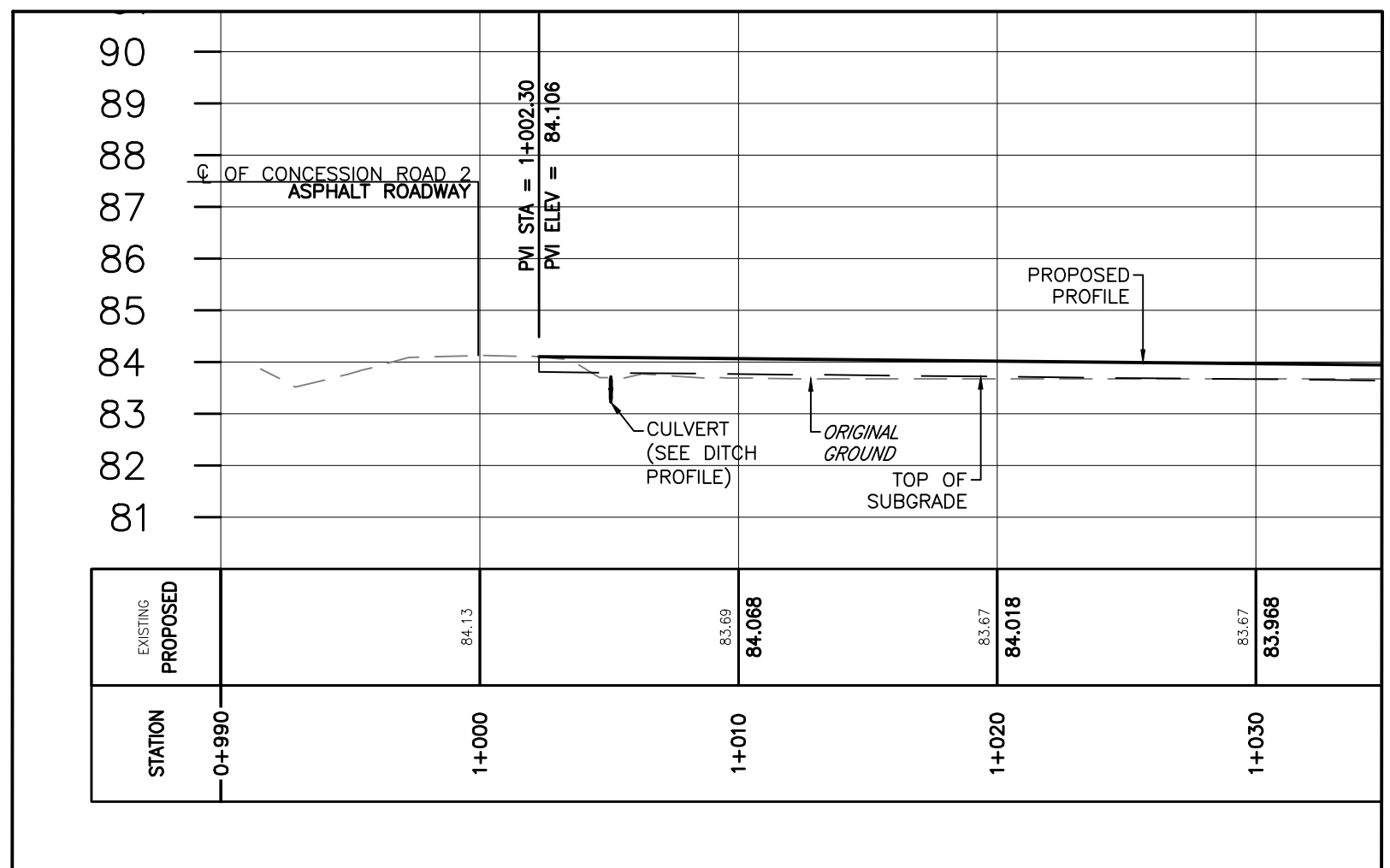
TYPICAL ACCESS ROAD ENTRANCE FLAT SECTION N.T.S.



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

CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

SEE DRAWING C207 FOR ADDITIONAL ACCESS ROAD DETAILS



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

Revision	By	Appd.	YY.MM.DD	
E	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.07.10
D	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.09
C	ISSUED FOR MUNICIPAL CONSENT	RCL	MPG	17.05.04
B	ISSUED FOR CLIENT REVIEW	RCL	MPG	17.04.17
A	ISSUED FOR CLIENT REVIEW	RCL	MPG	16.10.14

File Name	RCL	MPG	RCL	16.09.16
File Name: C208-C215_133560100-Entrances.dwg	Dwn.	Chkd.	Dign.	YY.MM.DD

Permit-Seal

Client/Project



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

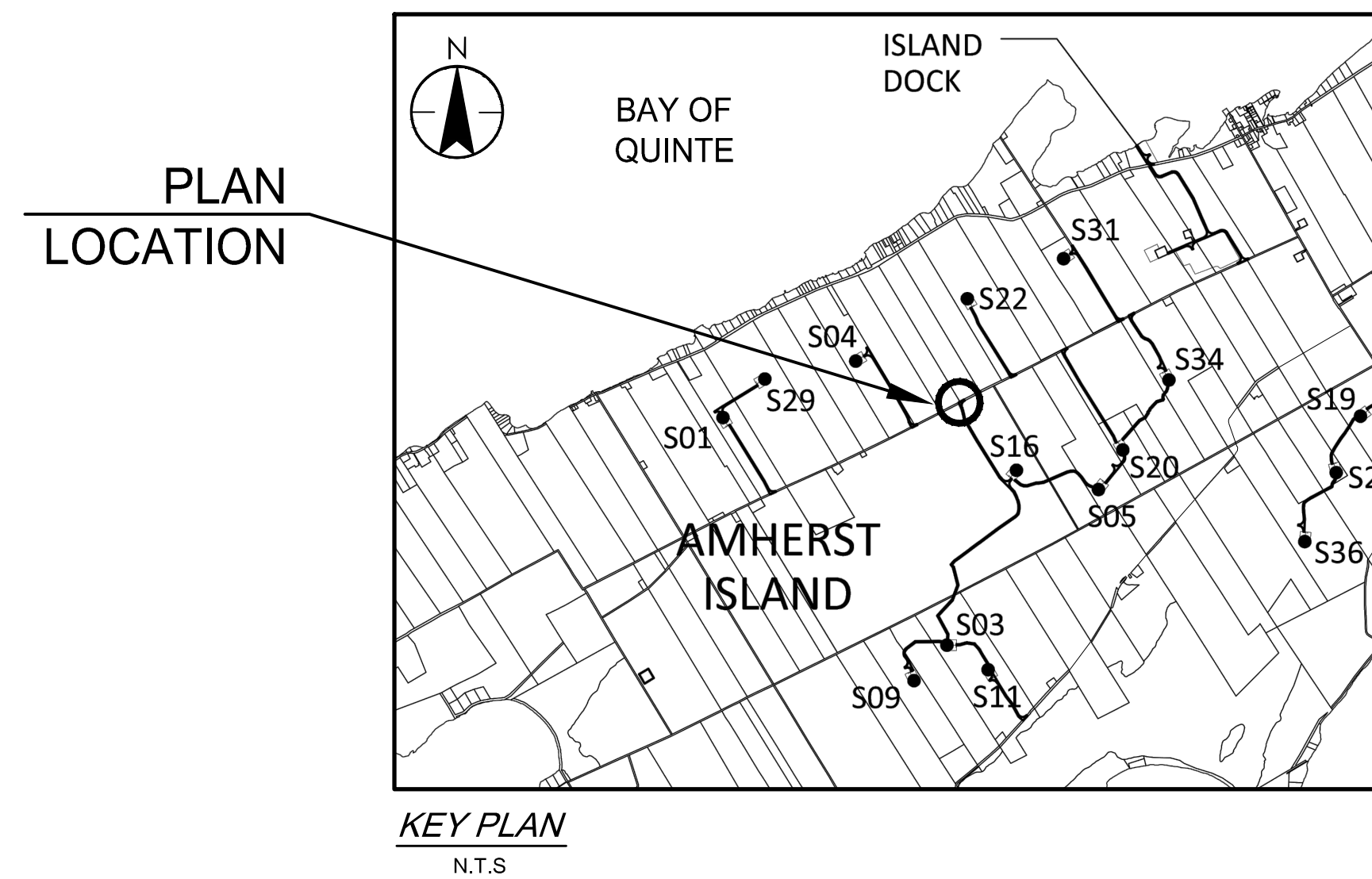
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TEMPORARY ENTRANCE LAYOUT  
CONCESSION ROAD 2  
ENTRANCE FOR TURBINE S16

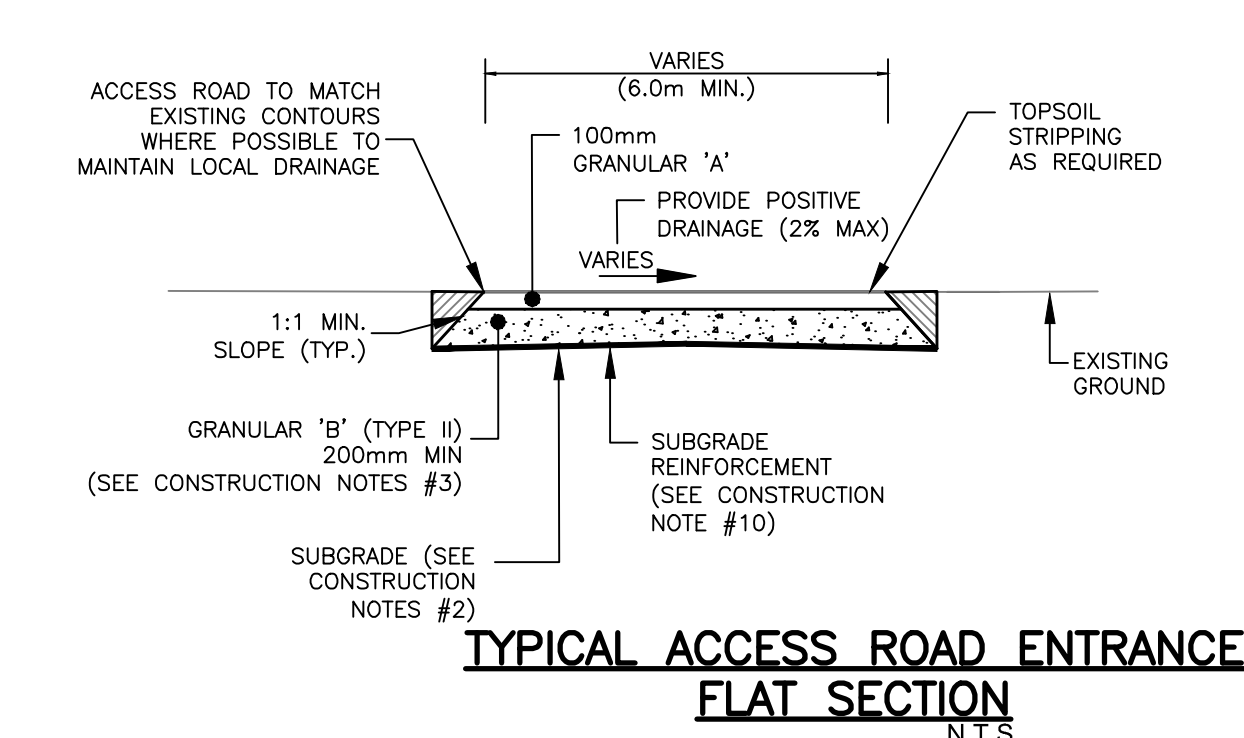
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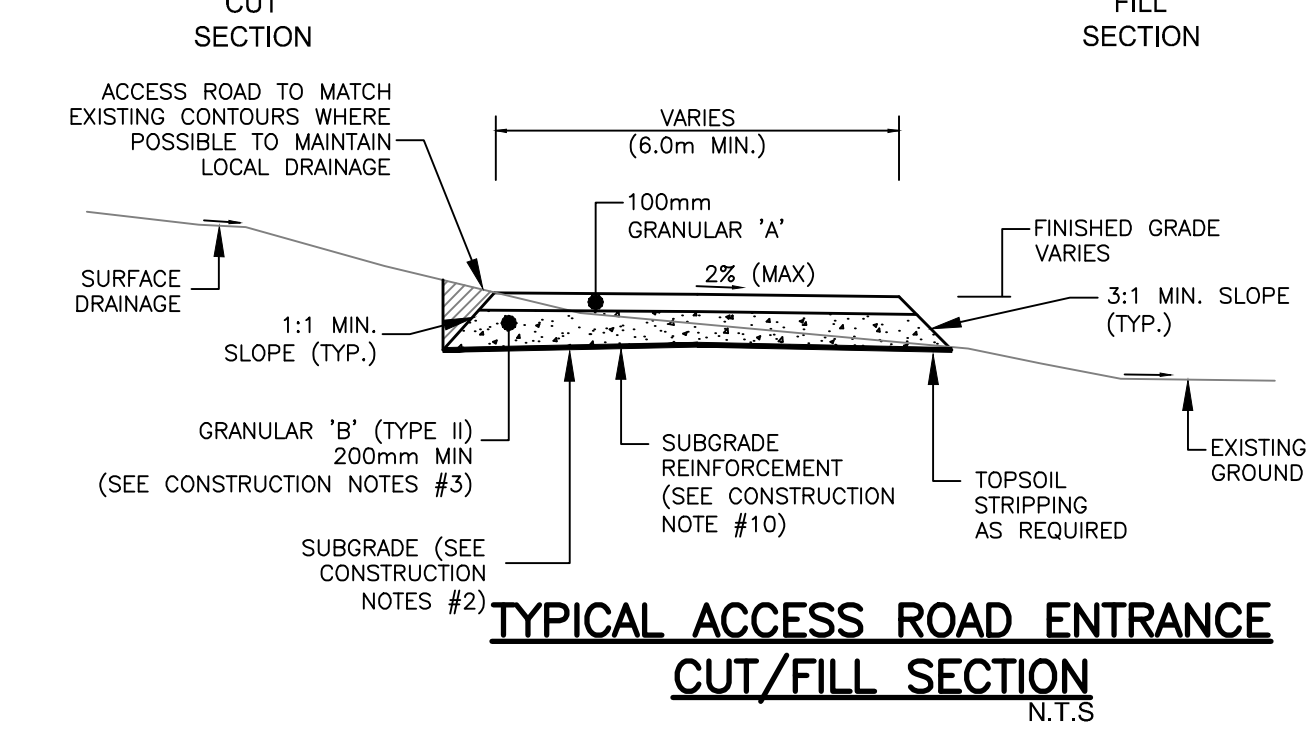
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KEY PLAN  
N.T.S.



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



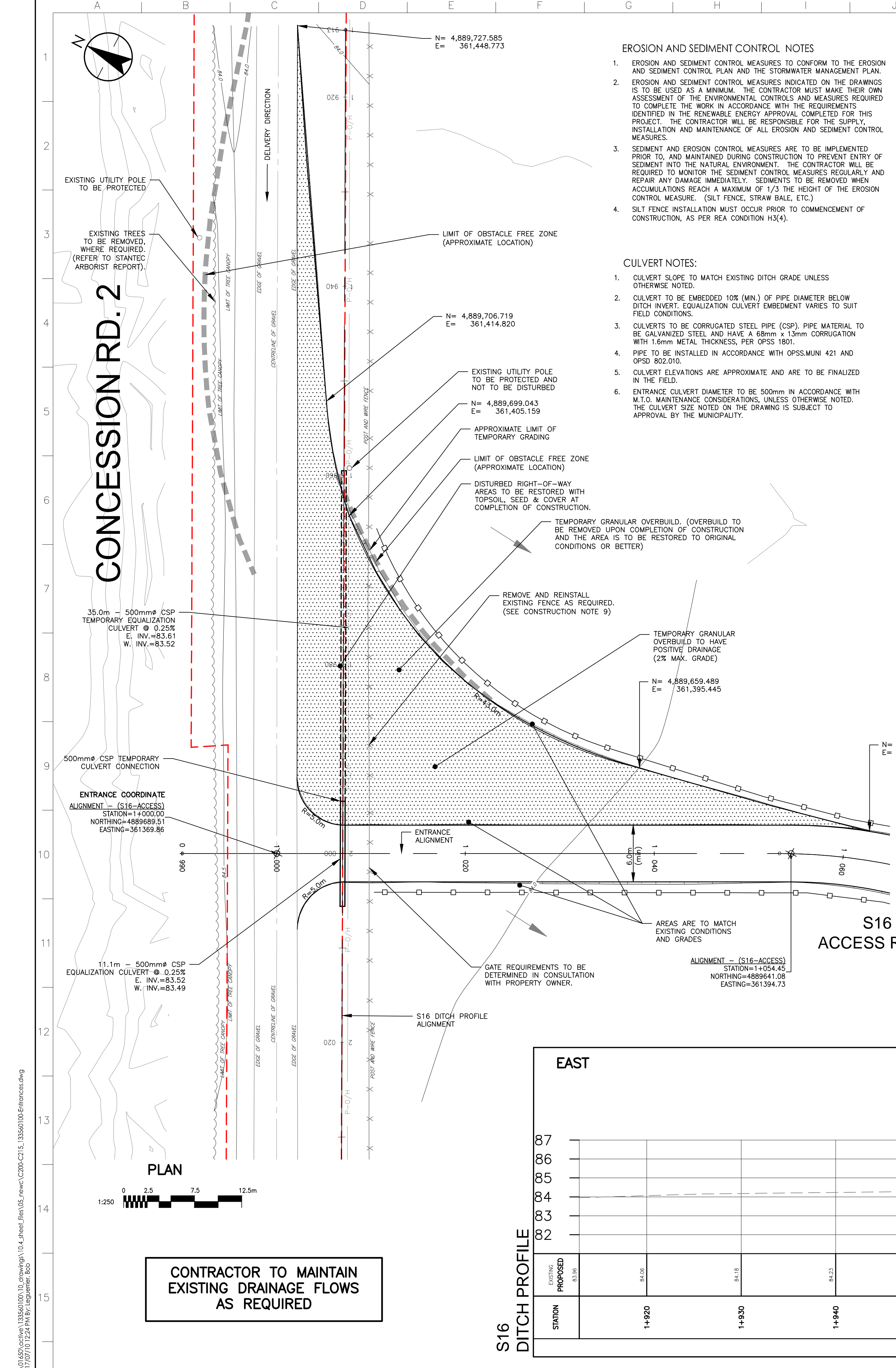
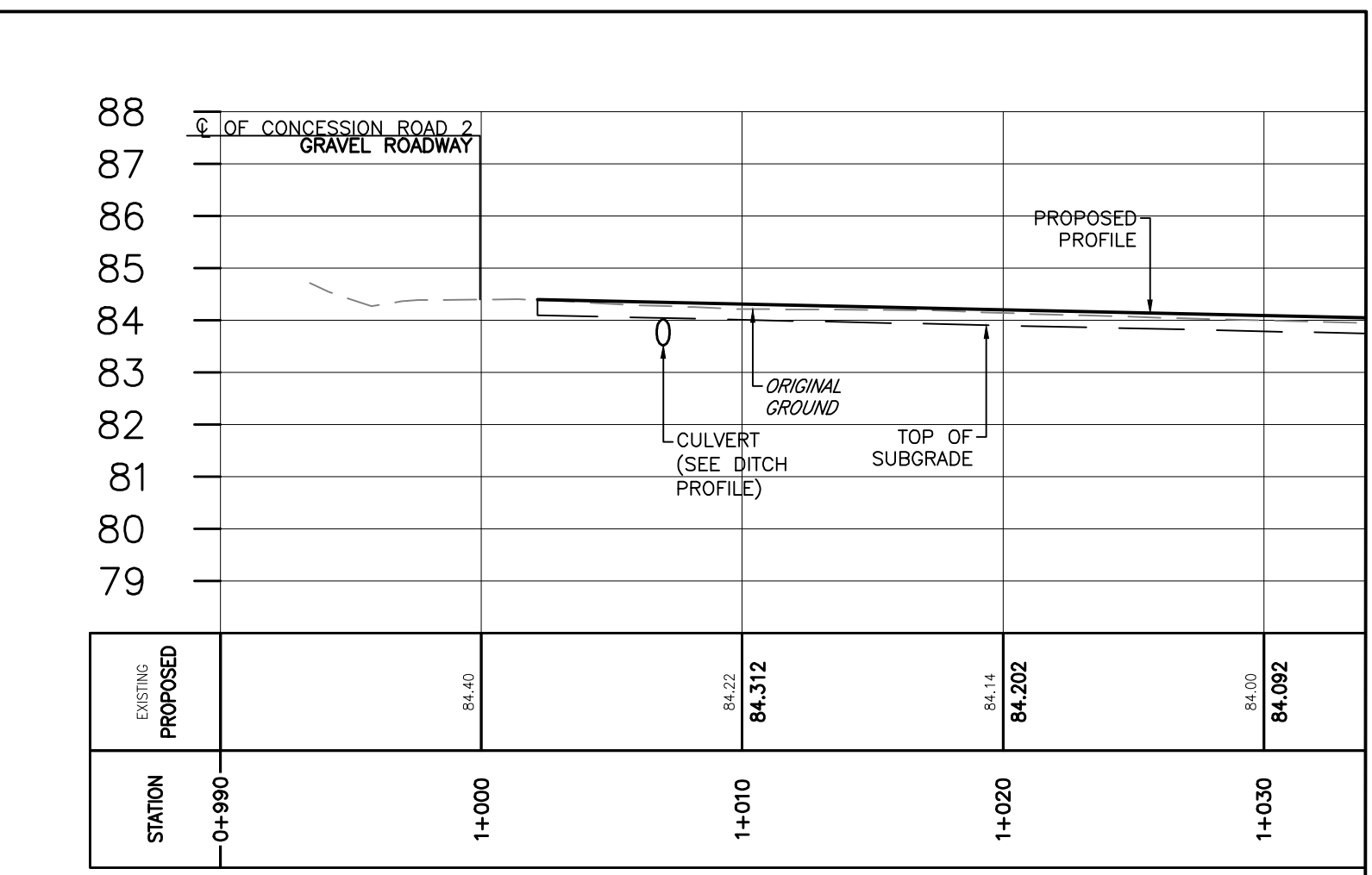
TYPICAL ACCESS ROAD ENTRANCE  
CUT/FILL SECTION  
N.T.S.

SEE DRAWING C208 FOR ADDITIONAL ACCESS ROAD DETAILS

PROFILES



S16 ENTRANCE PROFILE



EROSION AND SEDIMENT CONTROL NOTES

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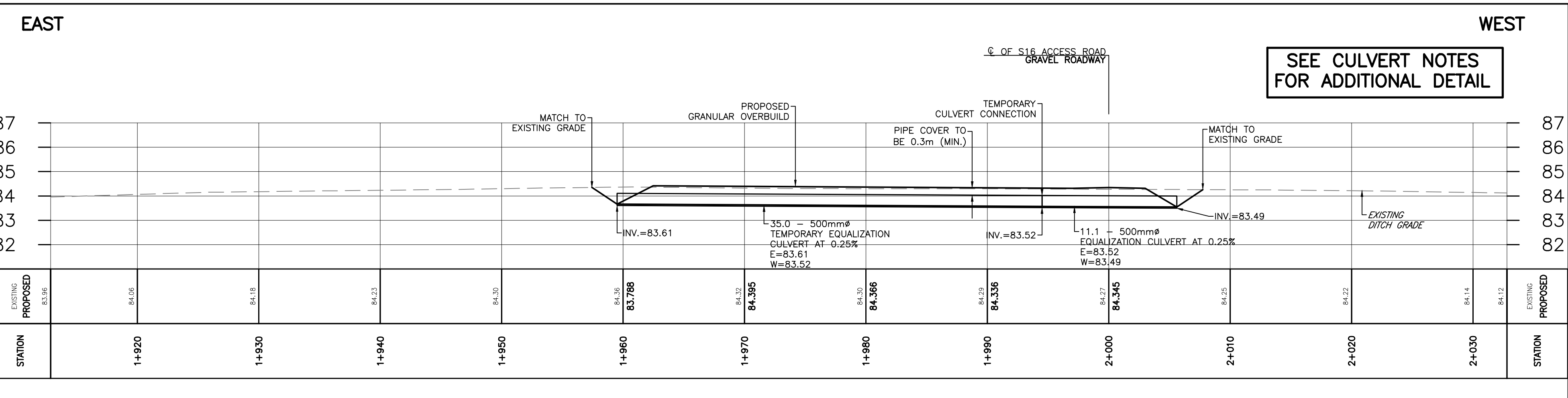
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- CULVERT SLOPE TO MATCH EXISTING DITCH GRADE UNLESS OTHERWISE NOTED.
- CULVERT TO BE EMBEDDED 10% (MIN.) OF PIPE DIAMETER BELOW DITCH INVERT. EQUALIZATION CULVERT EMBEDMENT VARIES TO SUIT FIELD CONDITIONS.
- CULVERTS TO BE CORRUGATED STEEL PIPE (CSP). 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.

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.
- PRIOR TO GRANULAR PLACEMENT, SUBGRADE TO BE PROOF-ROLLED AND WET/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 208.
- EARTH EXCAVATION/GRADING TO BE COMPLETED IN ACCORDANCE WITH OPSS.MUNI 208.
- 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 COMBGRID (PRODUCT 30/30 Q1 151 GRK3) PLACED ON SUBGRADE OVER ENTIRE ACCESS ROAD.

S16 DITCH PROFILE



CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

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