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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

Revision	By	Appd.	YY.MM.DD
D. FOR MUNICIPAL CONSENT	DMS	TN	17.07.21
C. FOR MUNICIPAL CONSENT	DMS	DKS	17.07.17
B. FOR MUNICIPAL CONSENT	DMS	DKS	17.05.09
A. FOR MUNICIPAL CONSENT	DMS	DKS	17.05.04

Revision

File Name:	DS	DKS	DS	16.01.20
133560100-GP.dwg	Dm.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project



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

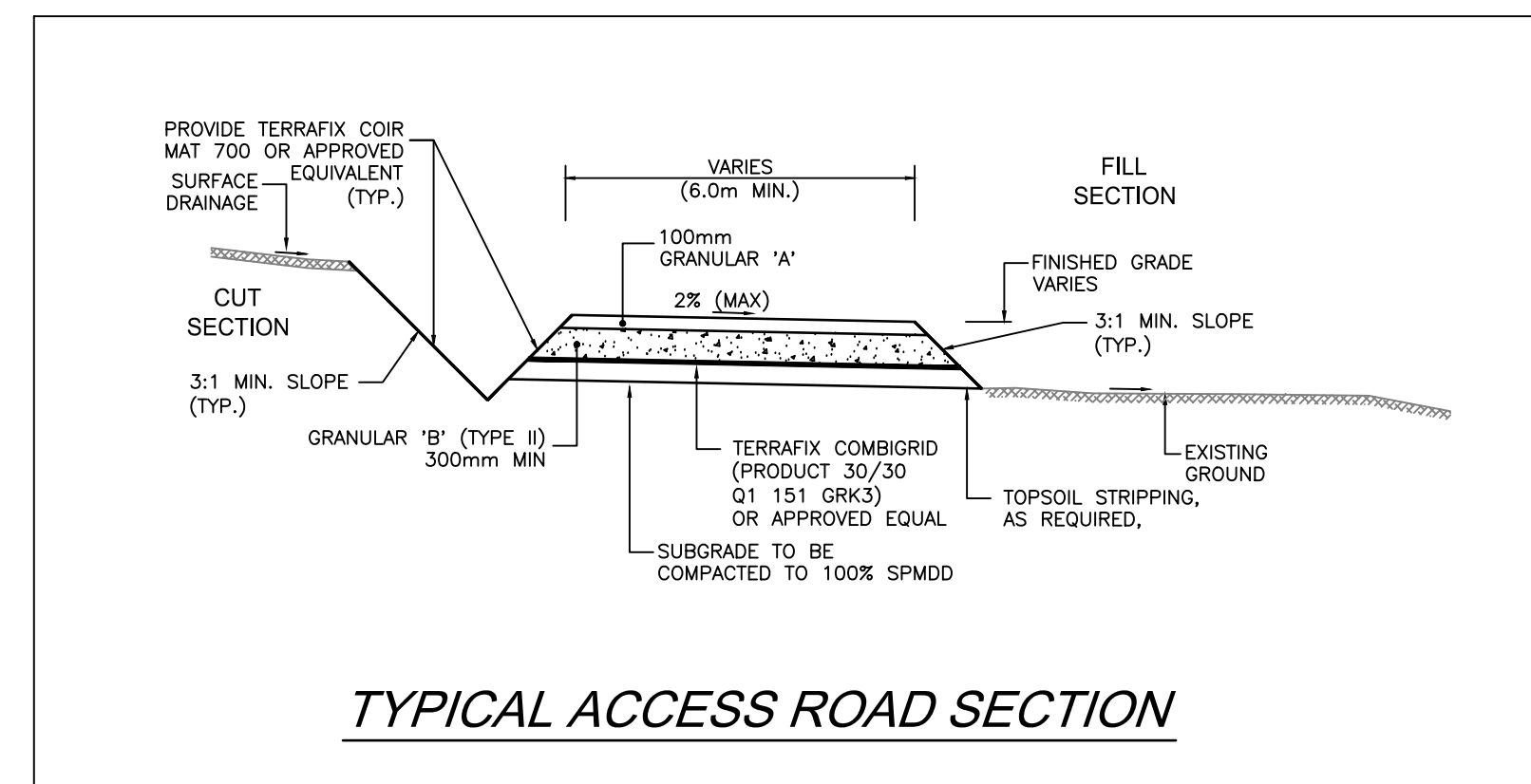
Title

OPERATIONS AND MAINTENANCE BUILDING
STELLA 40 FOOT ROAD
ENTRANCE PLAN

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

Drawing No. Sheet Revision

C100-ENT 1 of 1 D



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).

CULVERT NOTES:

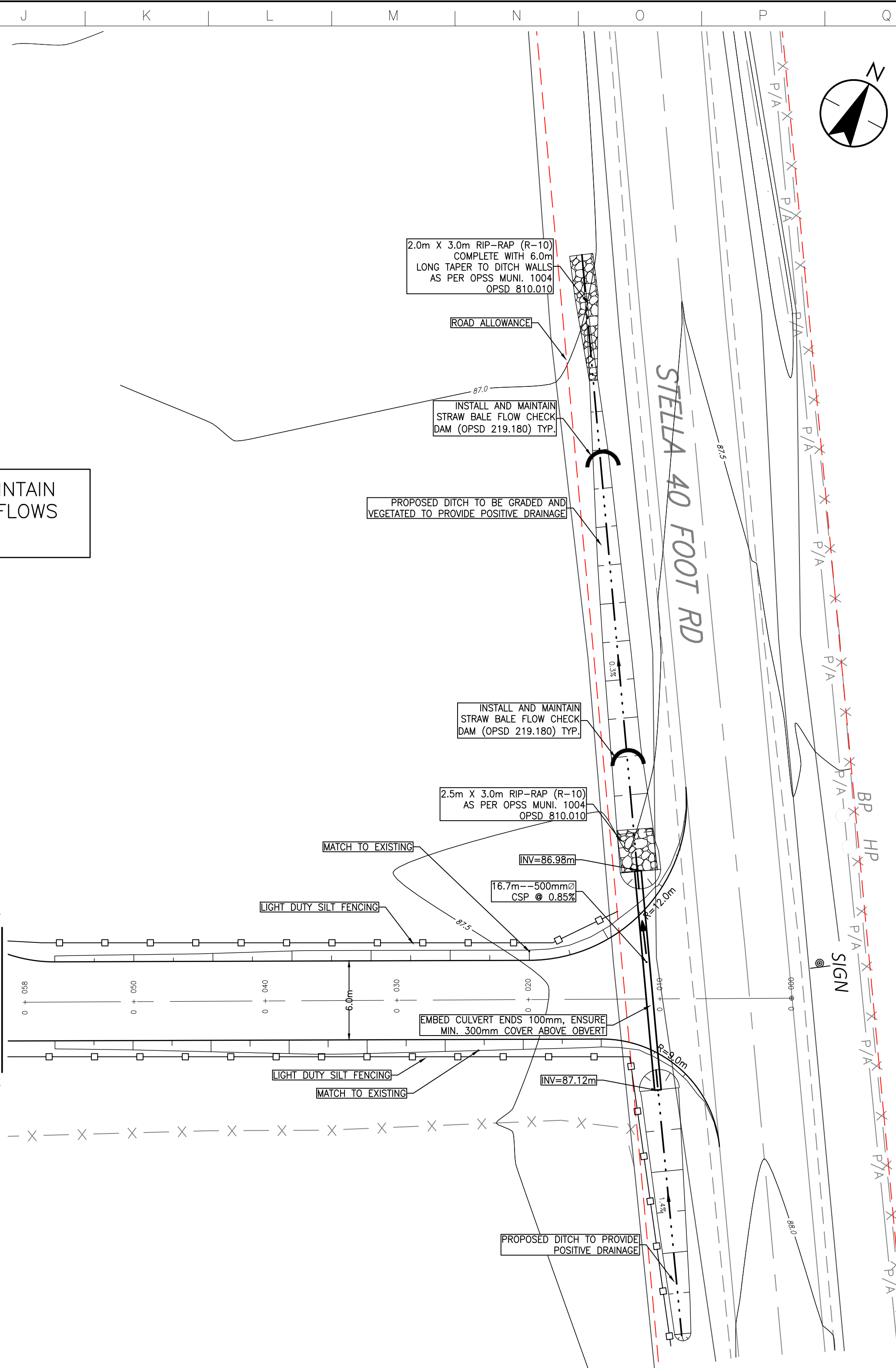
- CULVERT SLOPE TO MATCH EXISTING DITCH GRADE UNLESS OTHERWISE NOTED.
- CULVERT TO BE EMBEDDED 10% (MIN.) OF PIPE DIAMETER BELOW DITCH INVERT. EQUALIZATION CULVERT EMBEDMENT VARIES TO SUIT FIELD CONDITIONS.
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CONSTRUCTION NOTES

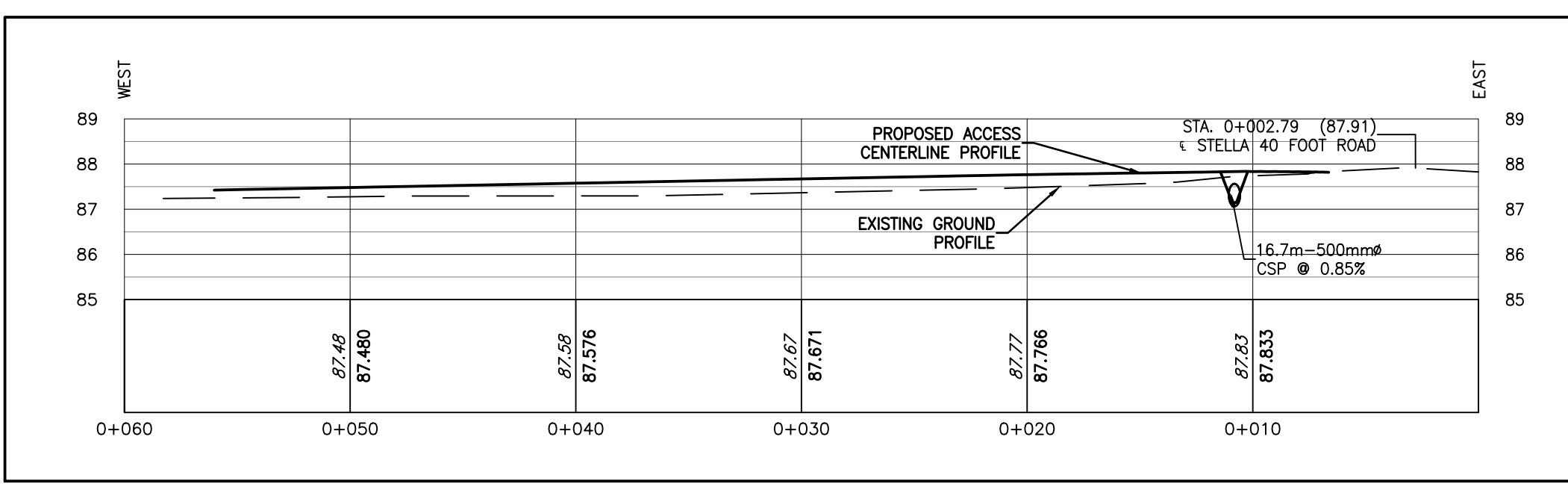
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CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

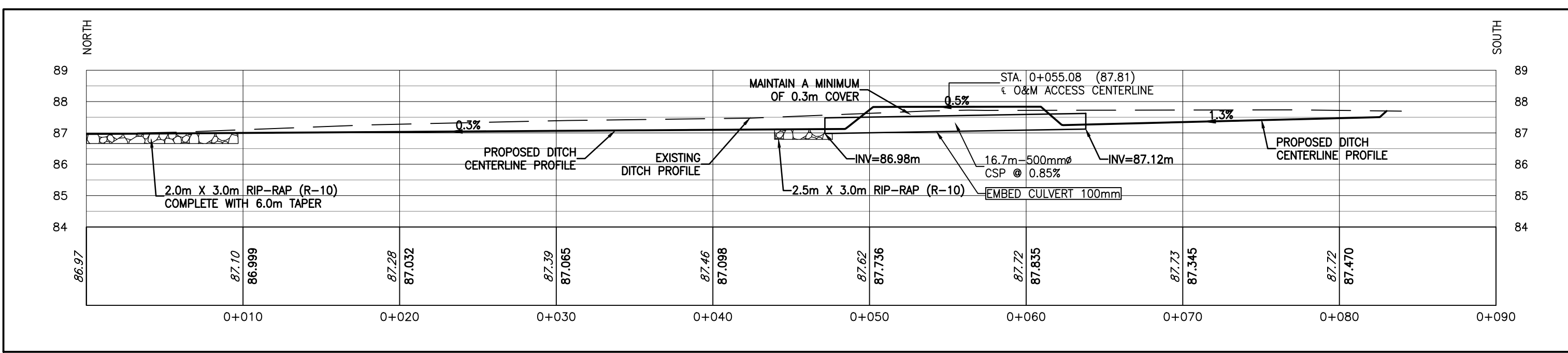
OPERATIONS AND MAINTENANCE BUILDING GRADING PLAN (SEE DWG. NO. C-100)



OPERATIONS AND MAINTENANCE BUILDING ENTRANCE PROFILE



DITCH PROFILE



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

Review and/or accepted 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 - 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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A	PCS SUBMISSION	RCL	MPG	17.08.16
Revision		By	Appd.	YY.MM.DD

File Name:	PCS Entrances-200-201.dwg	RCL	MPG	RCL	17.08.15
		Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal

Client/Project



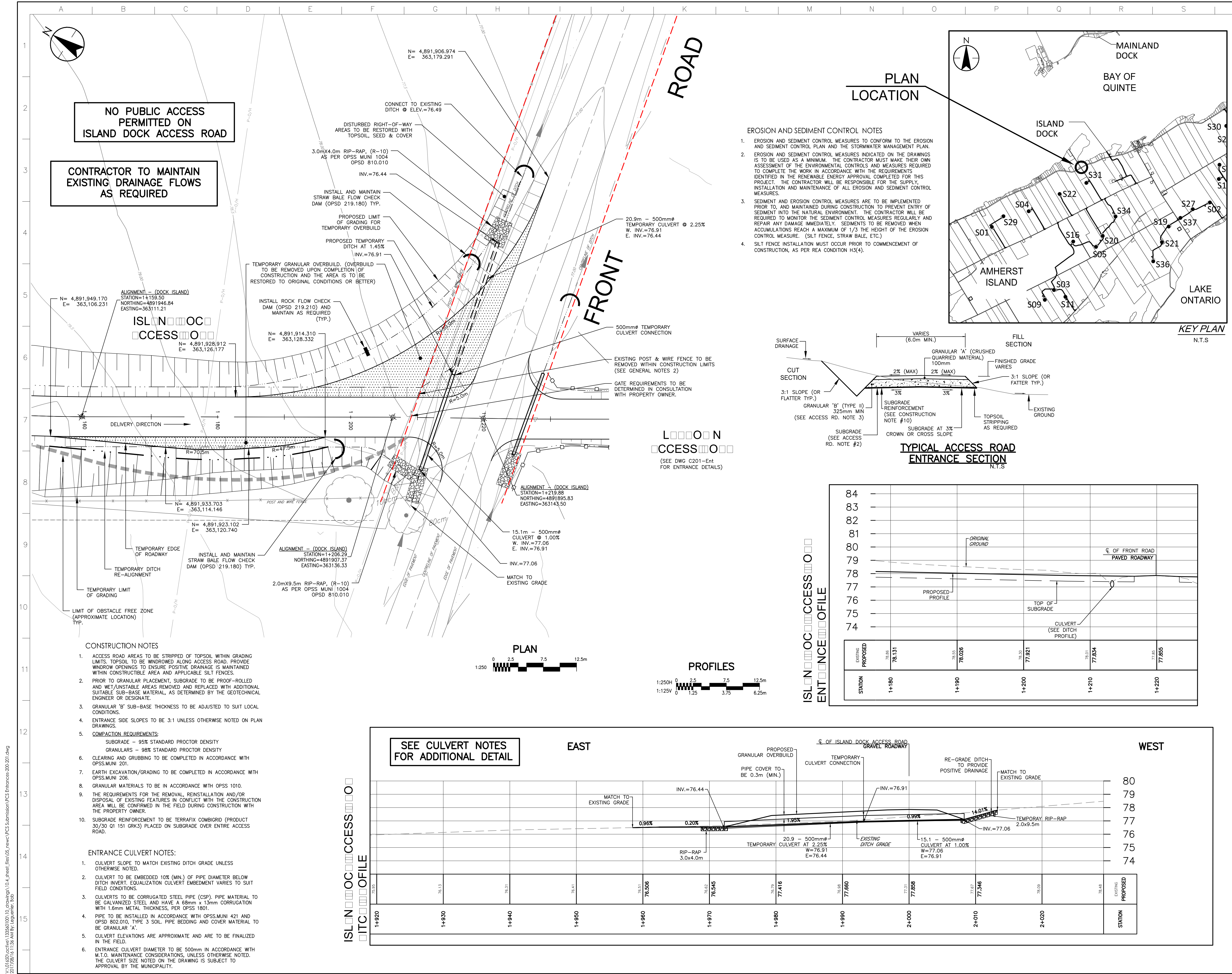
AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

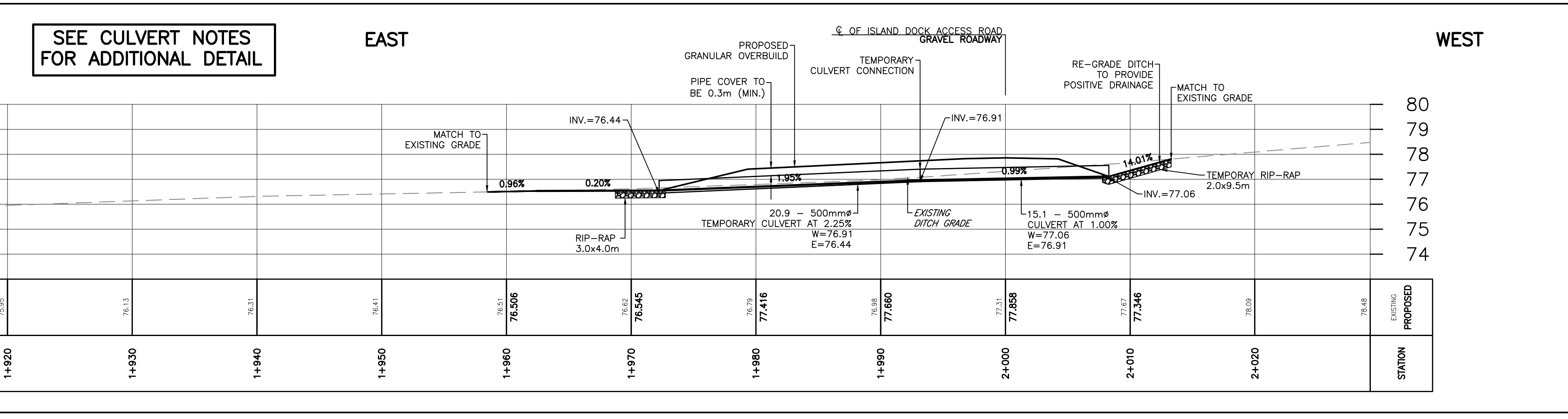
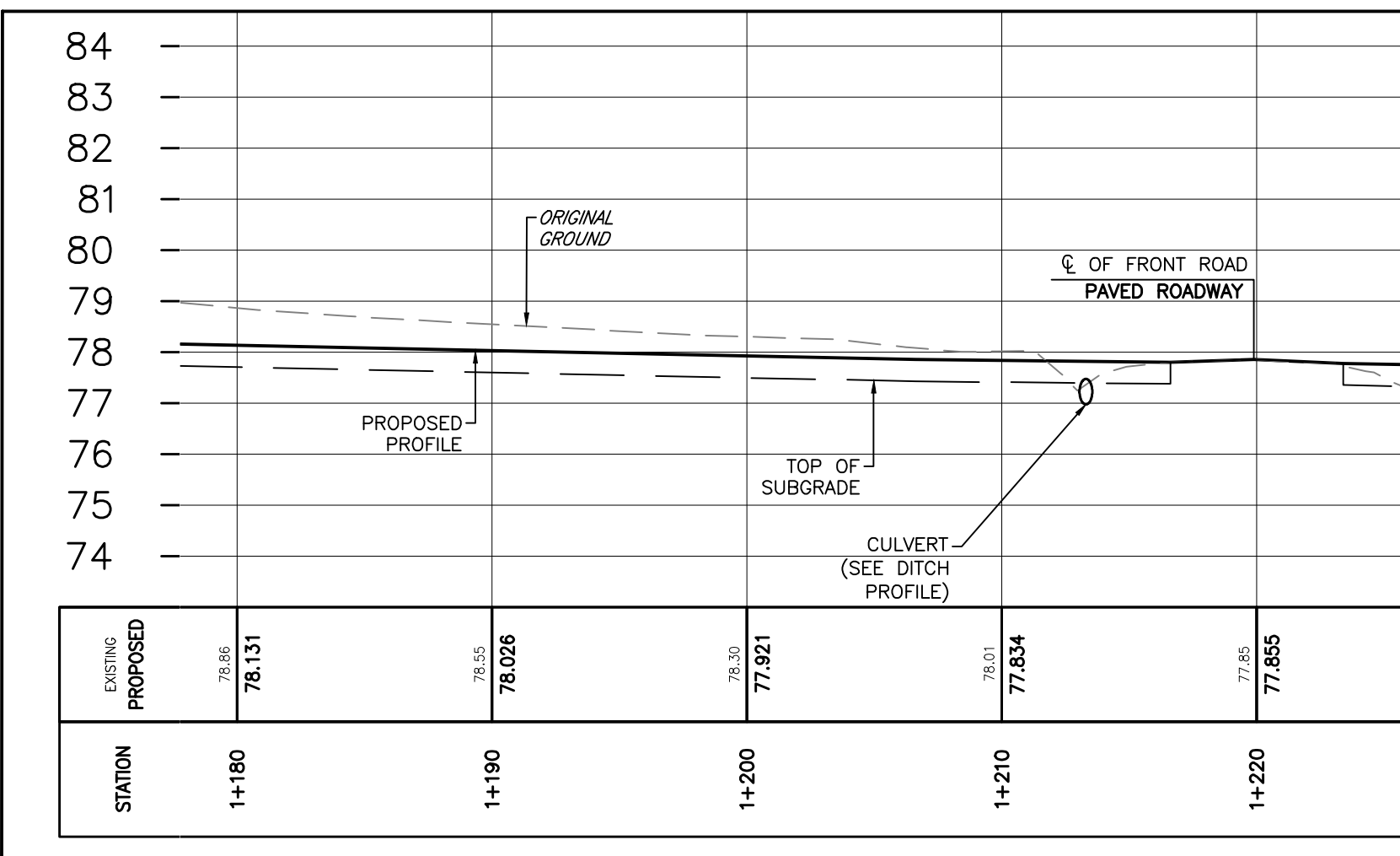
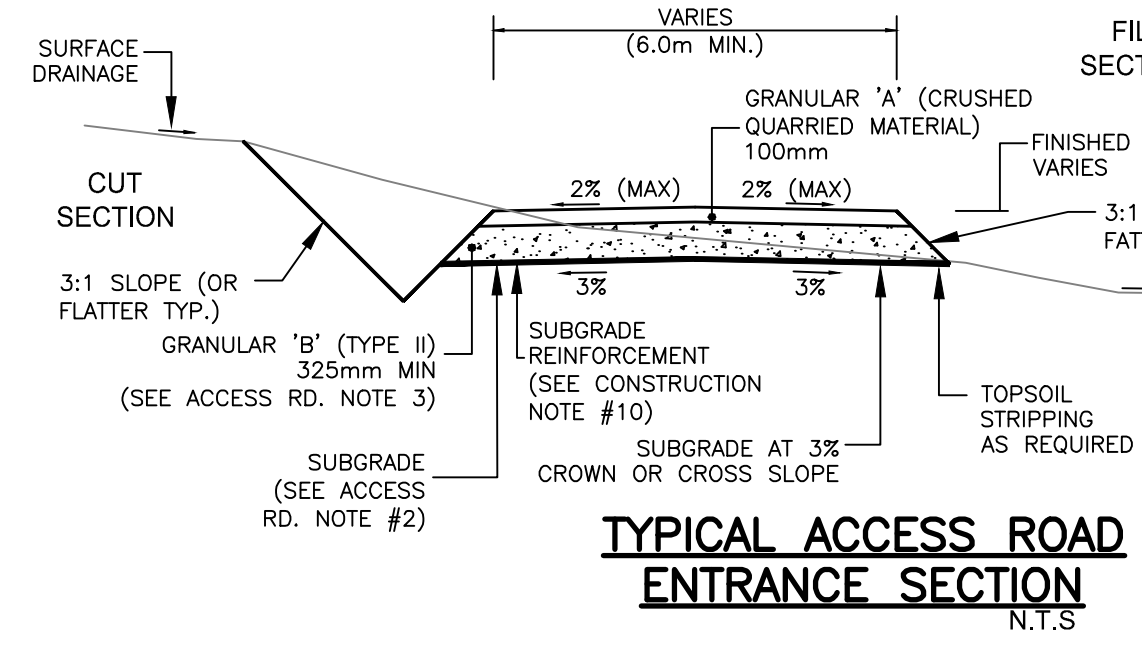
TEMPORARY ENTRANCE LAYOUT
FRONT ROAD
ENTRANCE TO FRONT ROAD

Project No.	Scale
133560100	1:250H 1:125V

Drawing No.	Sheet	Revision



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NO PUBLIC ACCESS PERMITTED ON ISLAND DOCK ACCESS ROAD

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V:\016501\active\133560100_10_02\dwg\104_sheets\104_sheets\104_sheets\PCS Submission\PCS Entrances-200-201.dwg 2017/08/16 1:38 AM by: csp@stantec.com

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Revision	By	Appd.	YY.MM.DD	
A	PCS SUBMISSION	RCL	MPG	17.08.16

File Name:	PCS C201a-Ent.dwg	RCL	MPG	RCL	17.08.15
Revision		Dwn.	Chkd.	Dign.	YY.MM.DD

Permit-Seal

Client/Project



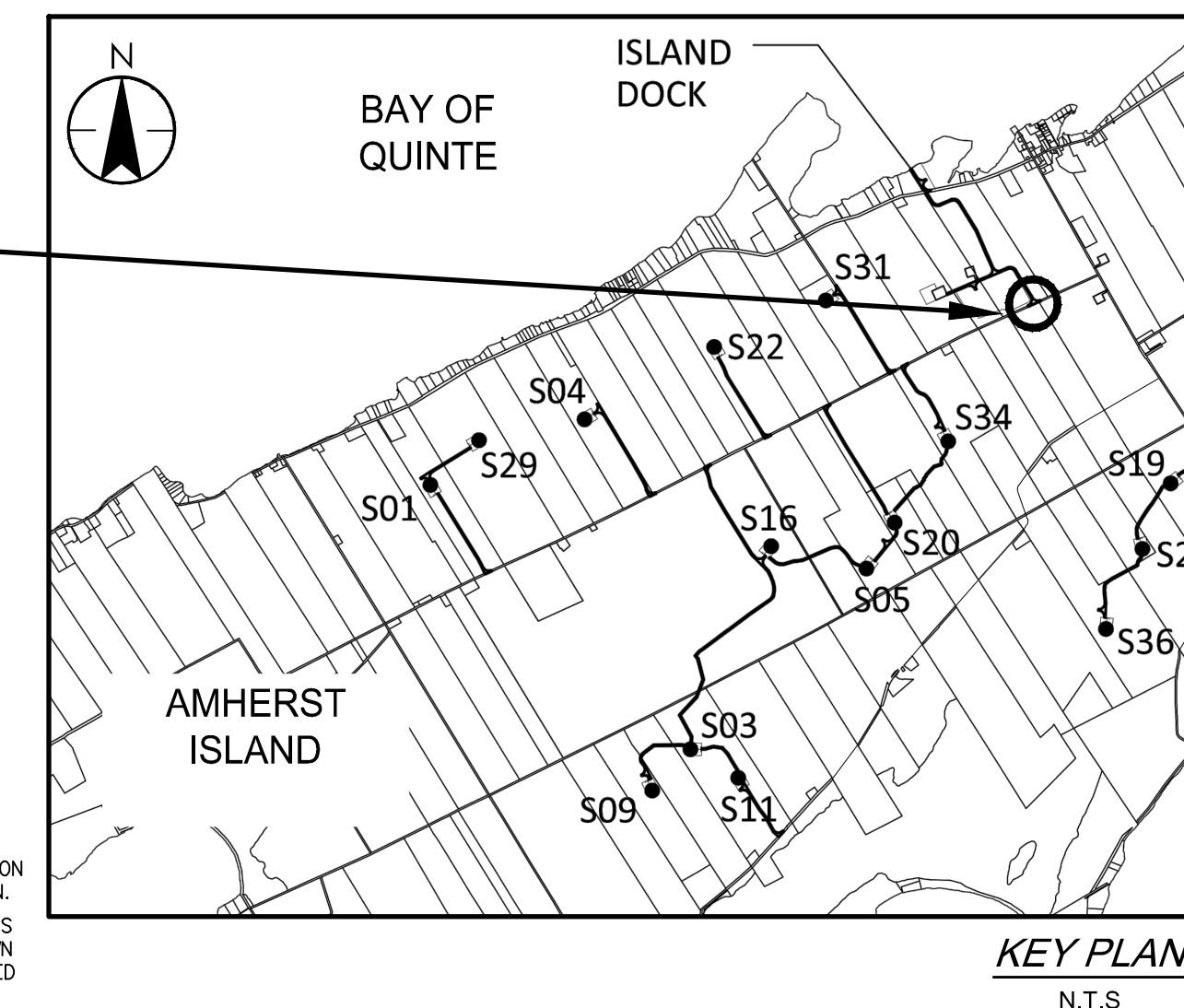
AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

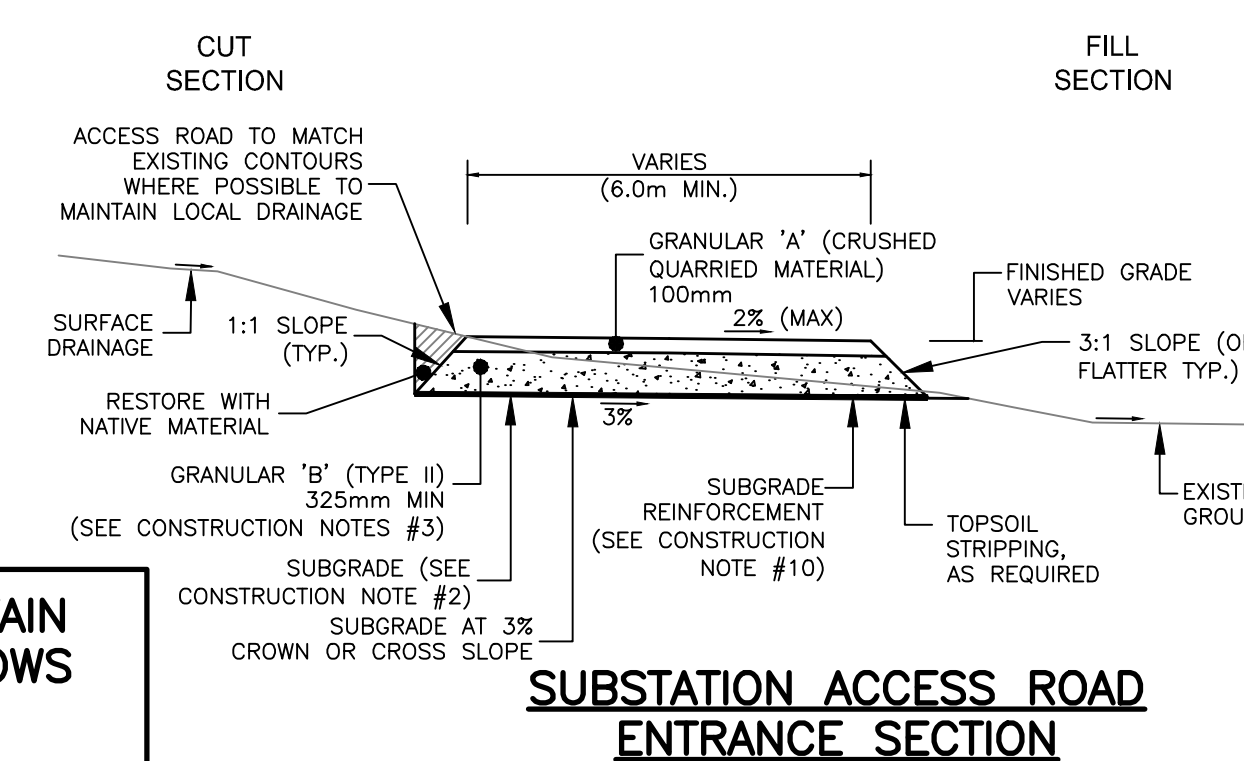
TEMPORARY ENTRANCE LAYOUT
CONCESSION ROAD 2
ENTRANCE FOR SUBSTATION

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 DRAWING C201c FOR ADDITIONAL ACCESS ROAD DETAILS



SUBSTATION ACCESS ROAD

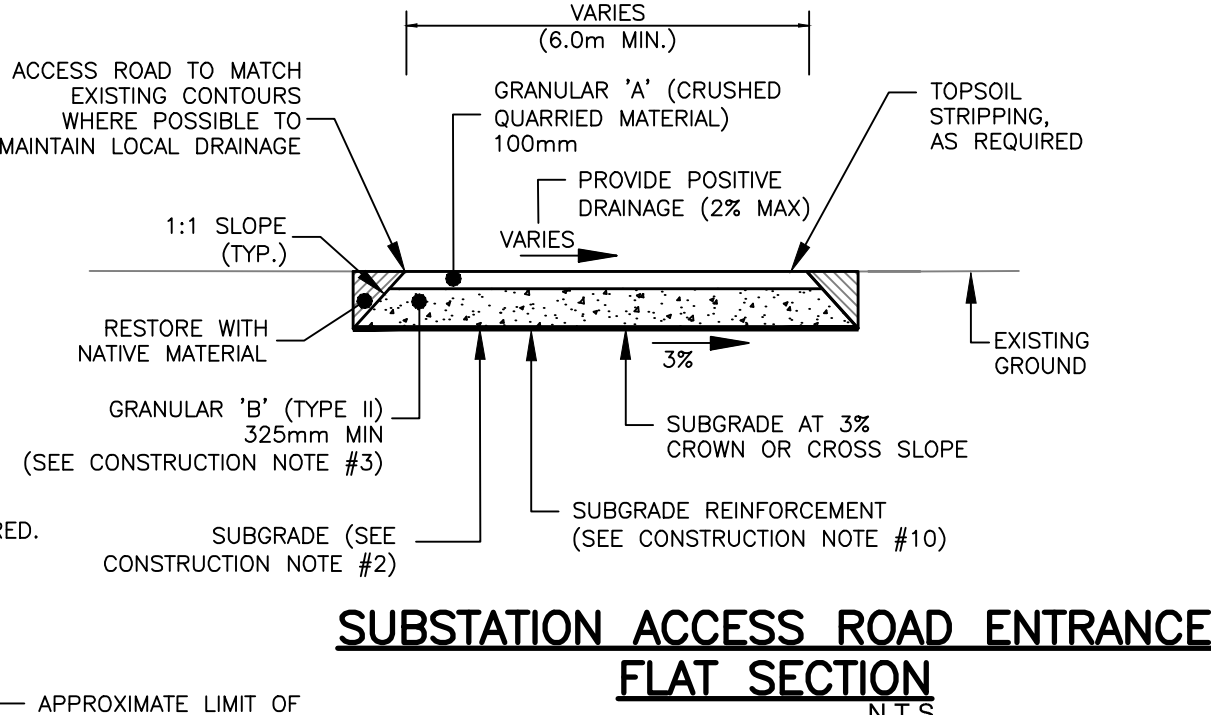
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FOR CHANNEL RE-ALIGNMENT DETAILS, SEE GRADING PLAN DRAWING C-400.

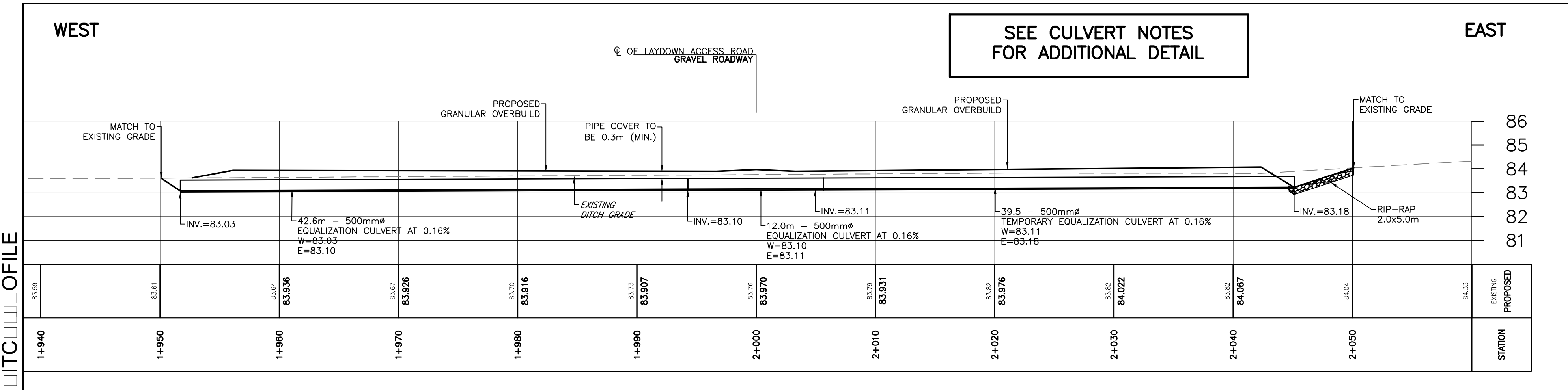
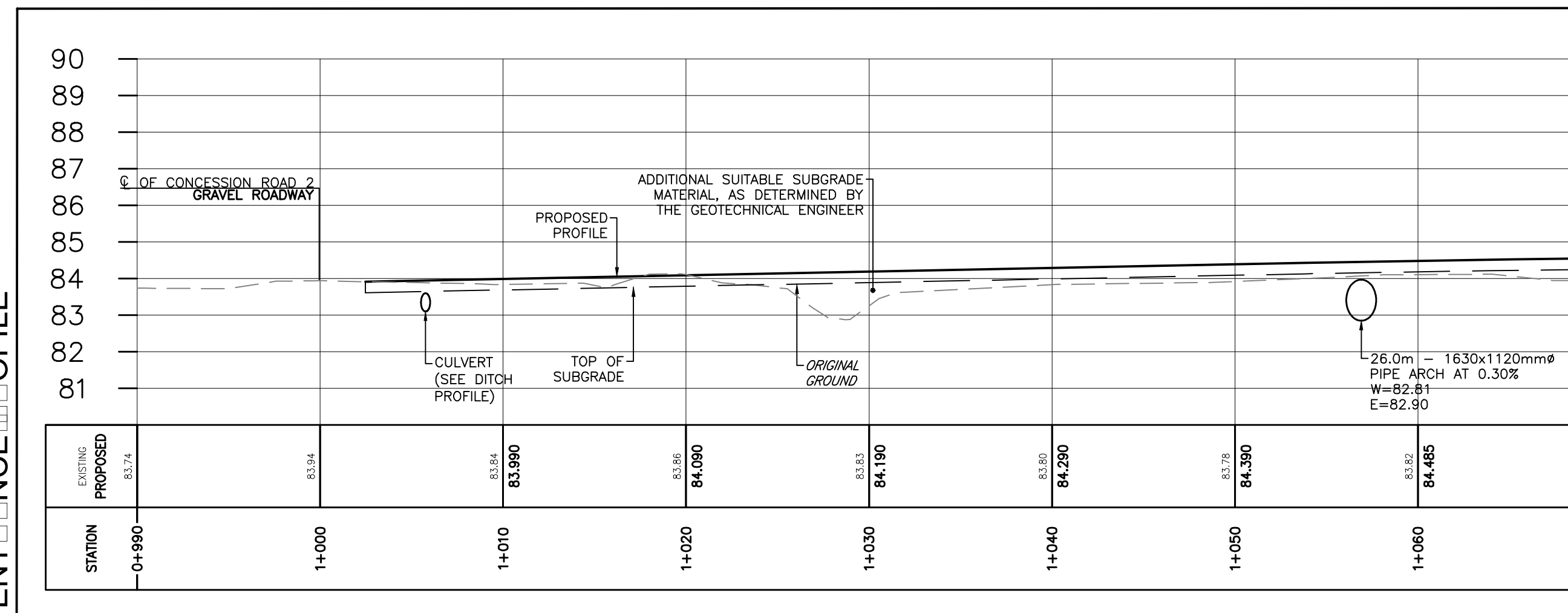
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PROFILES

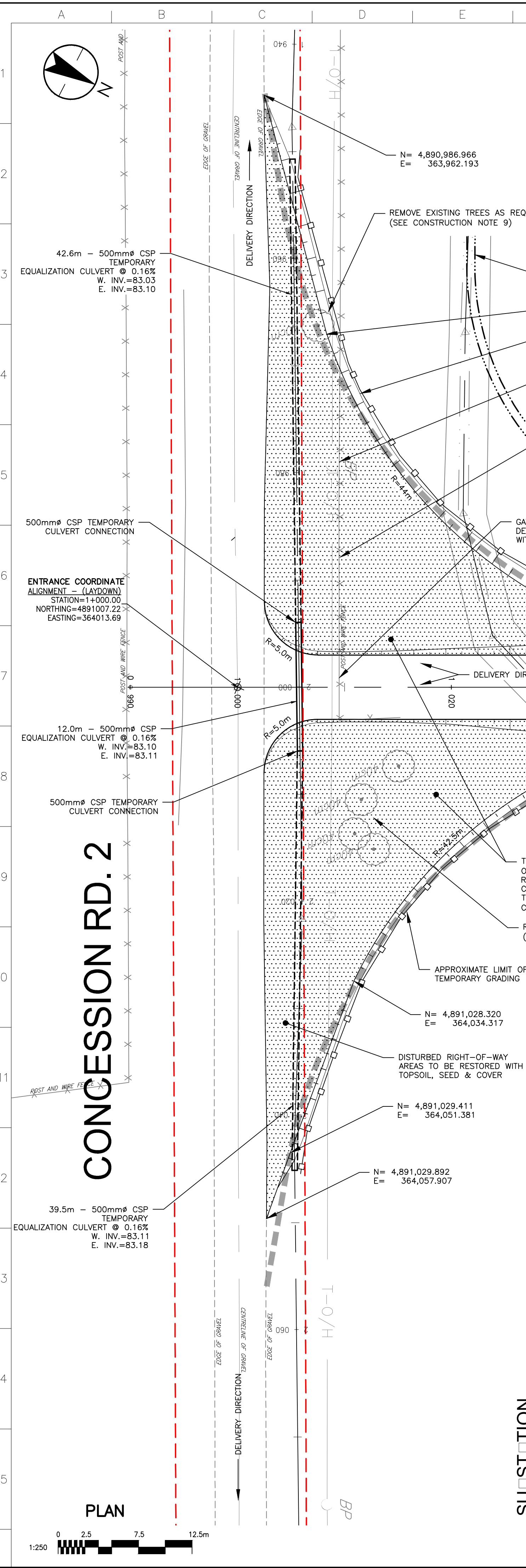


SUBSTATION ENTRANCE PROFILE

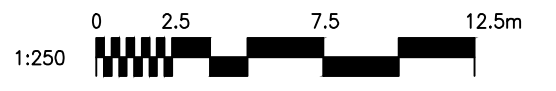


SEE CULVERT NOTES FOR ADDITIONAL DETAIL

CONCESSION RD. 2



PLAN



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

A	PCS SUBMISSION	RCL	MPG	17.08.16
Revision		By	Appd.	YY.MM.DD

File Name:	PCS Entrances-200-201.dwg	RCL	MPG	RCL	17.08.15
Revision		Dwn.	Chkd.	Dign.	YY.MM.DD

Permit-Seal

Client/Project

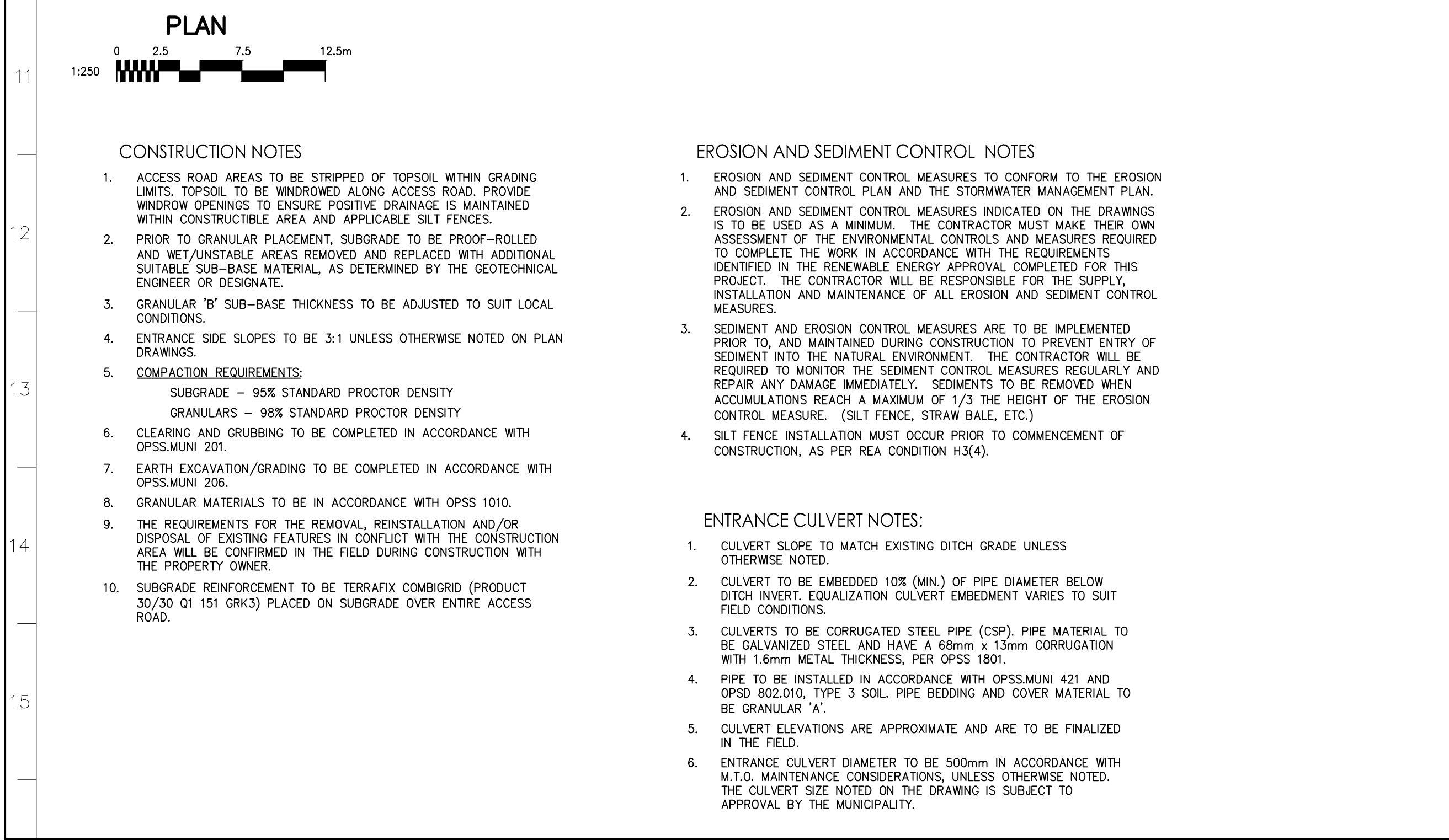
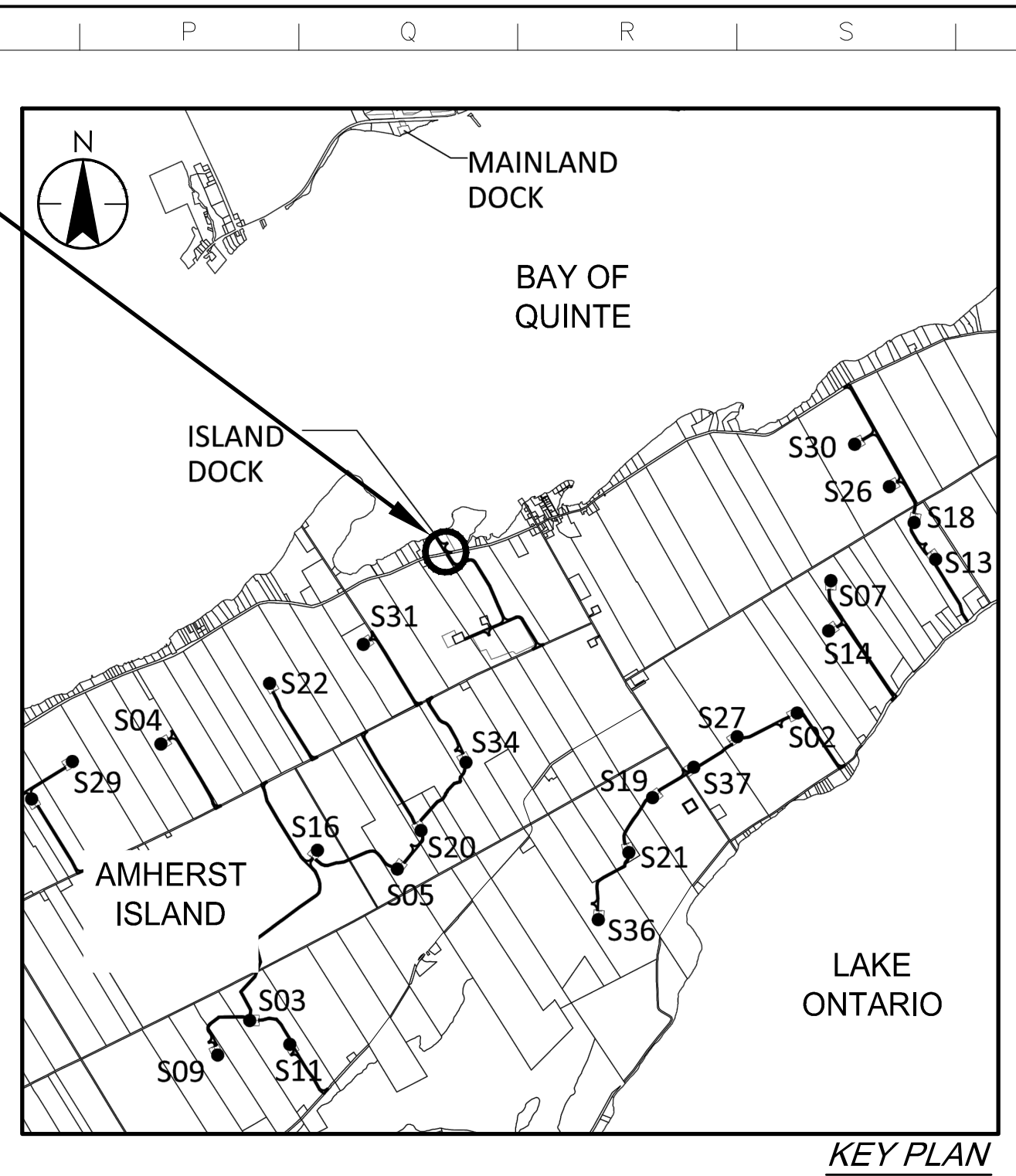
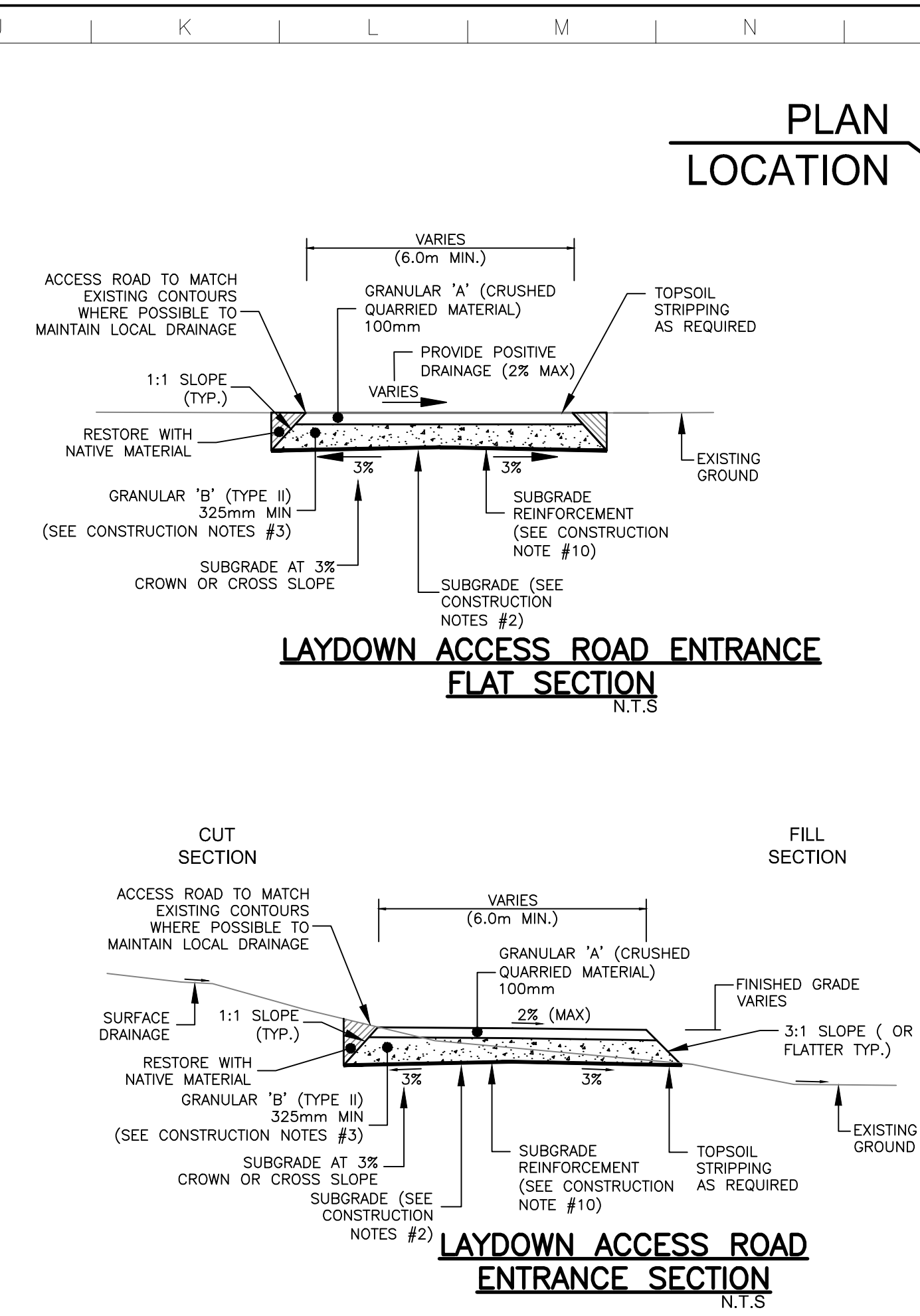
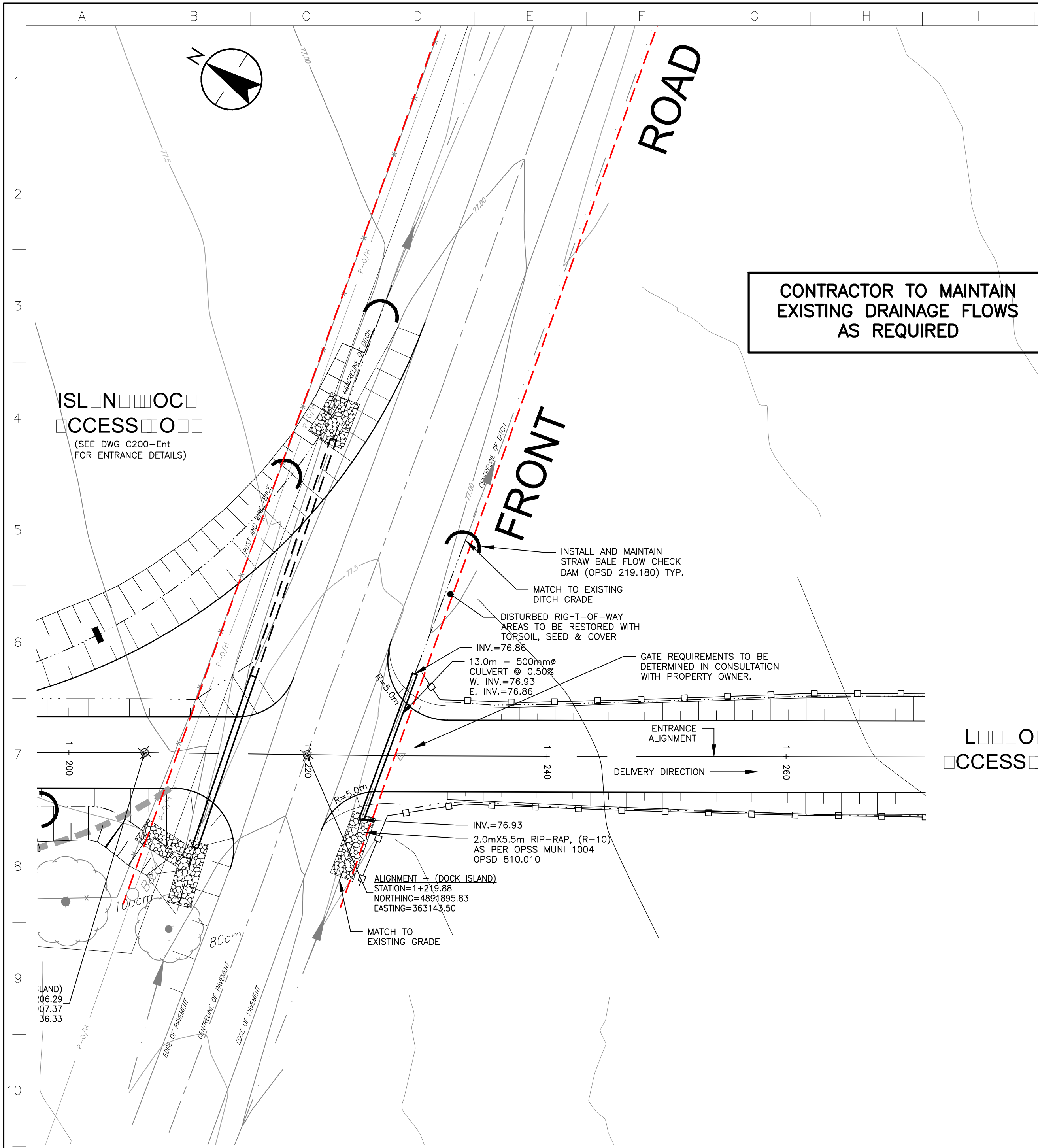


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

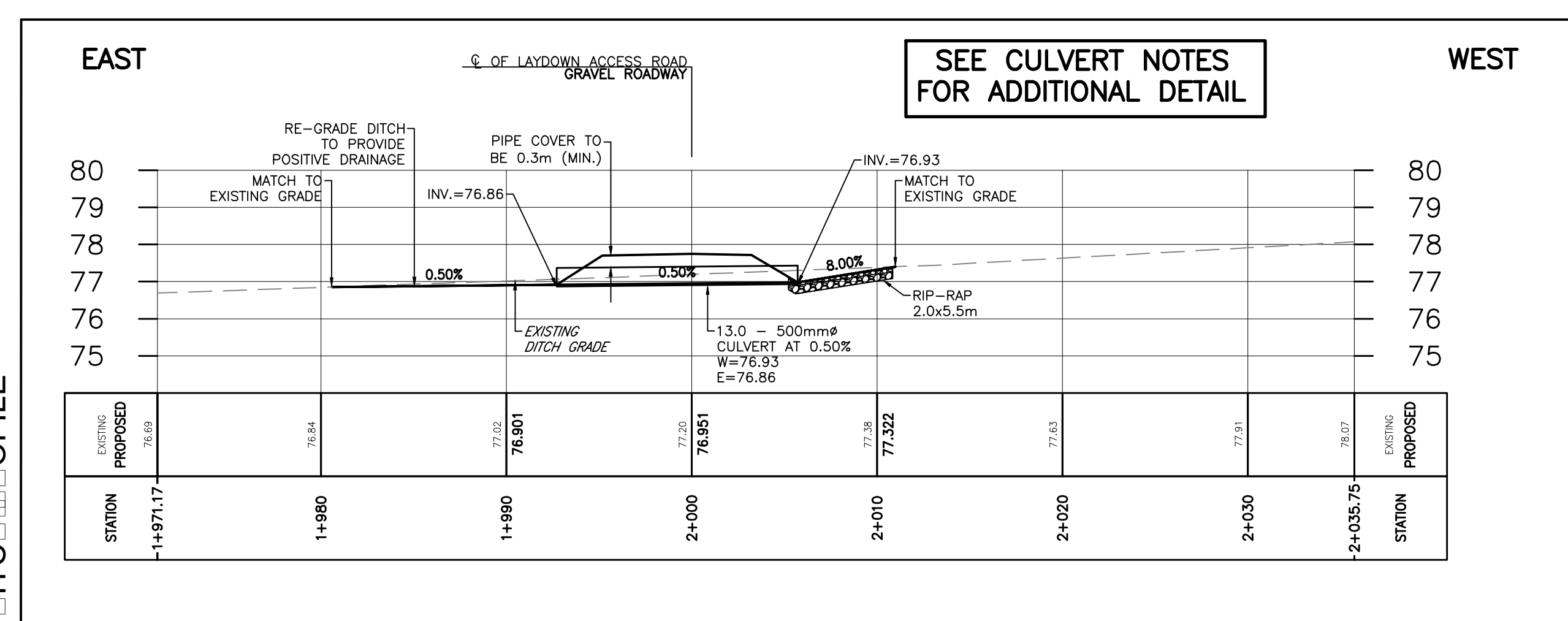
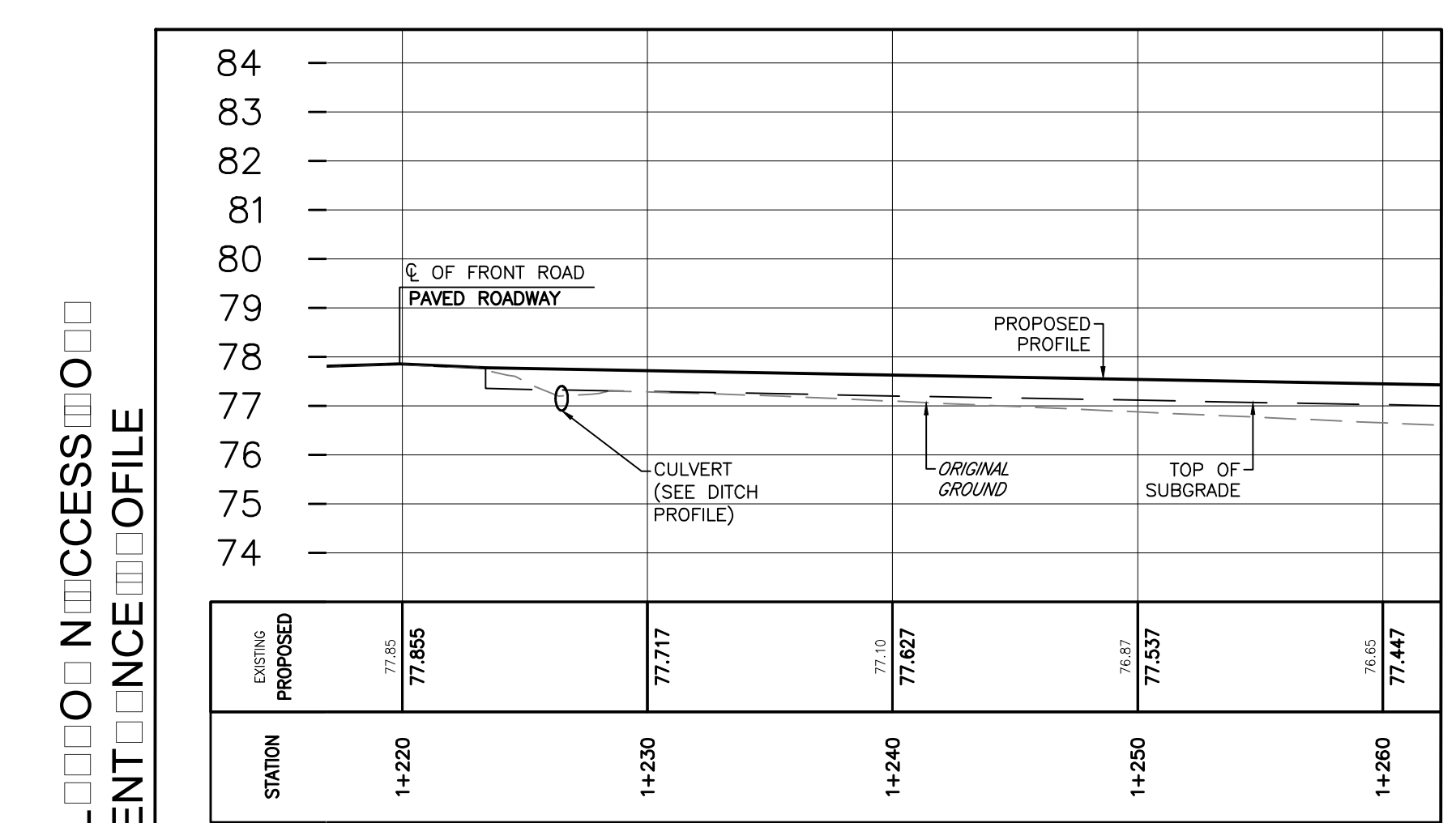
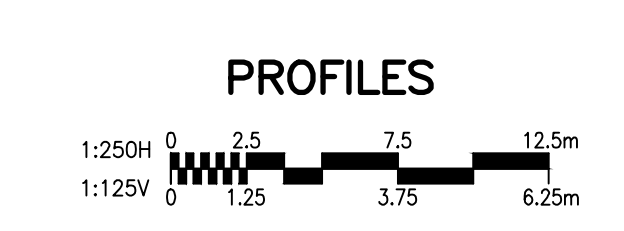
Title

TEMPORARY ENTRANCE LAYOUT
FRONT ROAD
ENTRANCE TO LAYDOWN AREA

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



SEE DRAWING C201a 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 WINDROW OPENINGS TO ENSURE POSITIVE DRAINAGE IS MAINTAINED WITHIN CONSTRUCTIBLE AREA AND APPLICABLE SILT FENCES.
- PRIOR TO GRANULAR PLACEMENT, SUBGRADE TO BE PROF-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 CONTINUED 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.

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).

ENTRANCE 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, TYPE 3 SOIL. PIPE BEDDING AND COVER MATERIAL TO BE GRANULAR 'A'.
- 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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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. CONSULT WITH WINDLECTRIC TO DETERMINE ANY OTHER LANDOWNER UNDERGROUND SERVICES THAT MAY BE AFFECTED BY THE ROAD CONSTRUCTION.
- TOPOGRAPHICAL SURVEY COMPLETED BY MINTOSH 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 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)
- ROAD ALLOWANCE
- PROPOSED SILT FENCING
- TEMPORARY OVERBUILD AREA

A	PCS SUBMISSION	RCL	MPG	17.08.16
Revision		By	Appd.	YY.MM.DD

File Name:	PCS C200-C215_133560100-Ent.dwg	RCL	MPG	RCL	17.08.15
		Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal

Client/Project



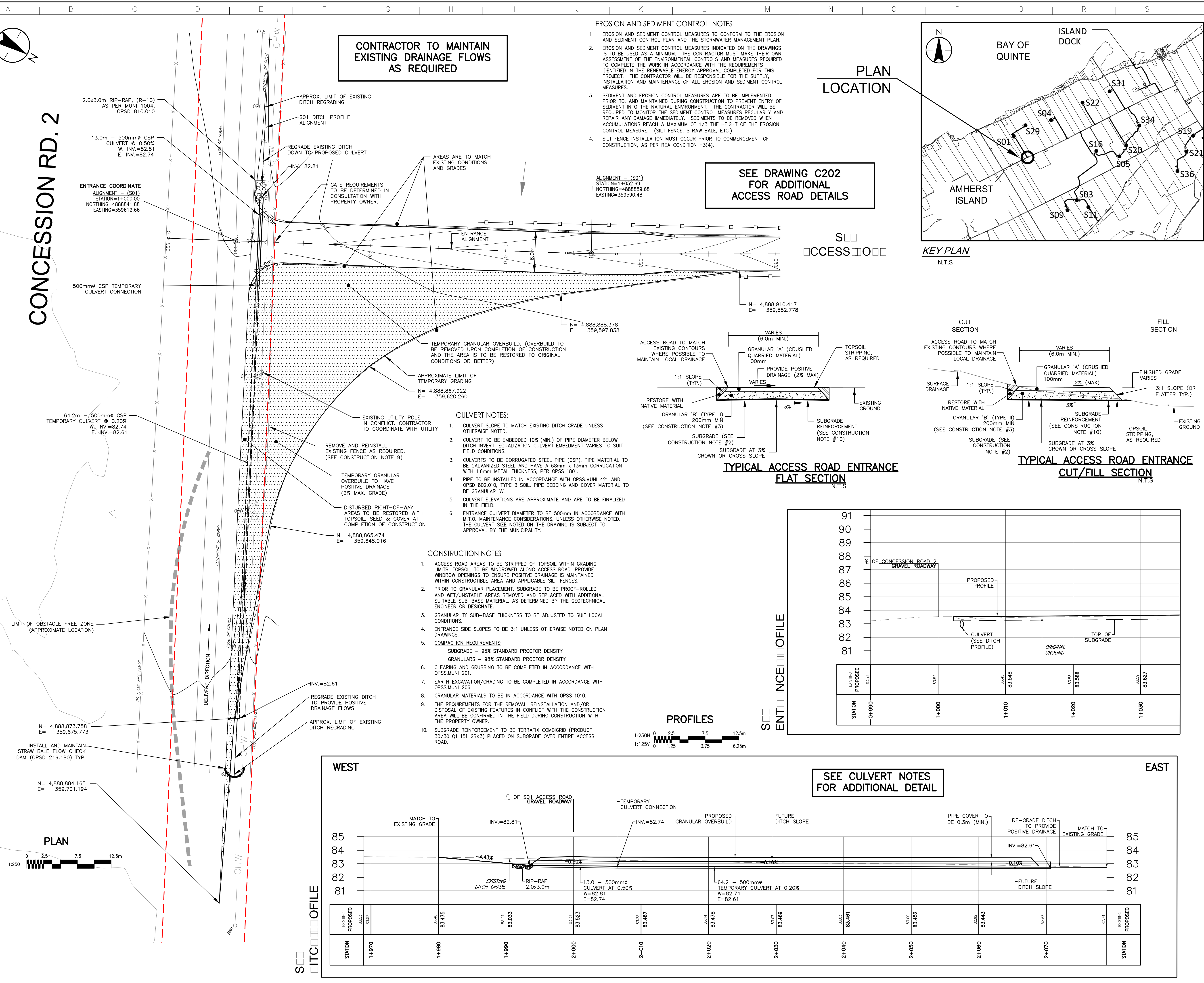
AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

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

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

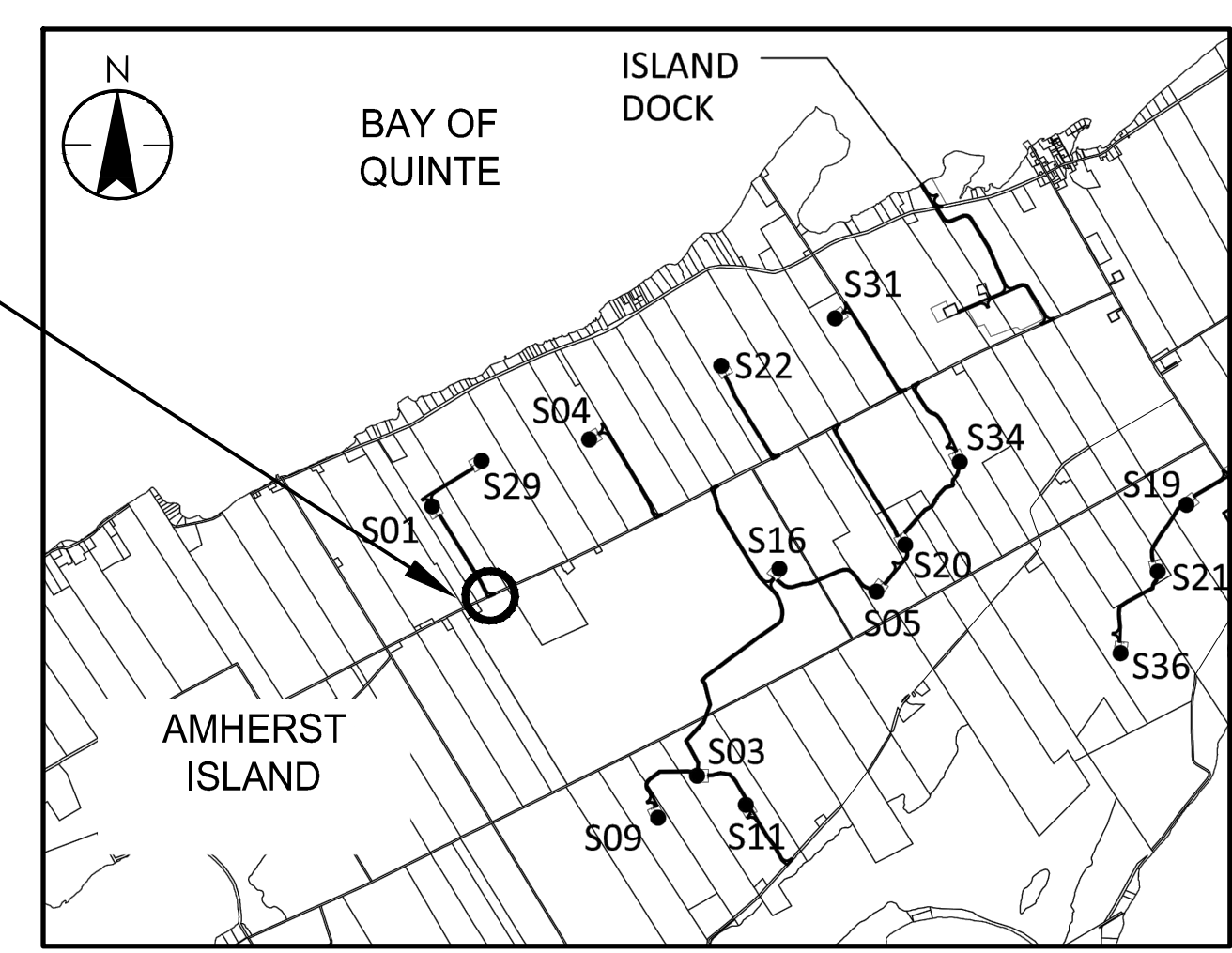
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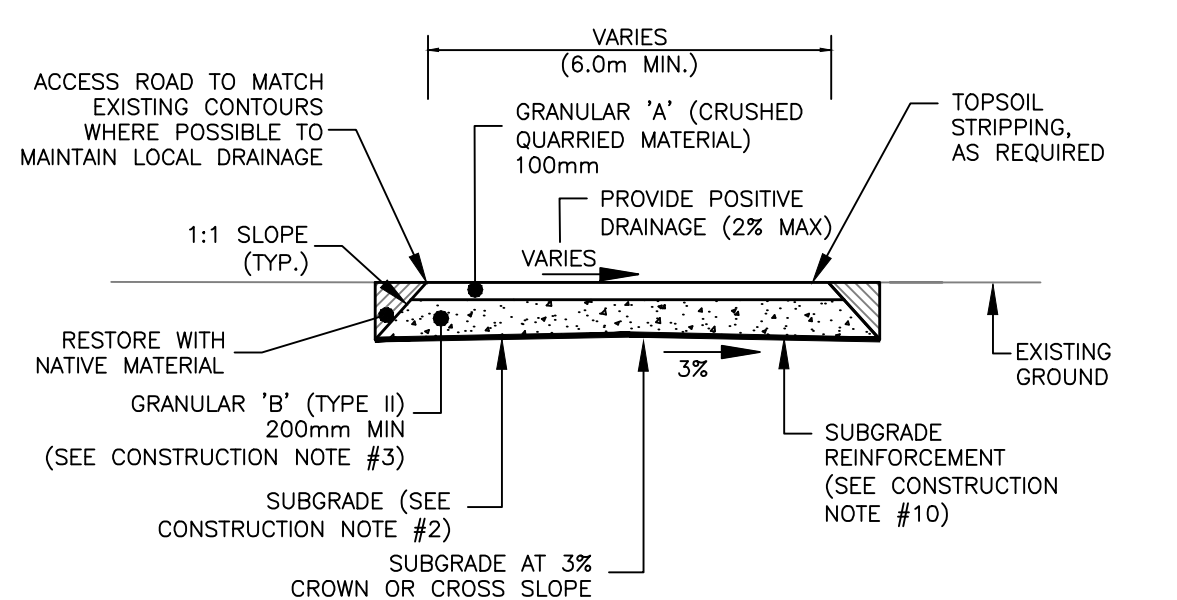
CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

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

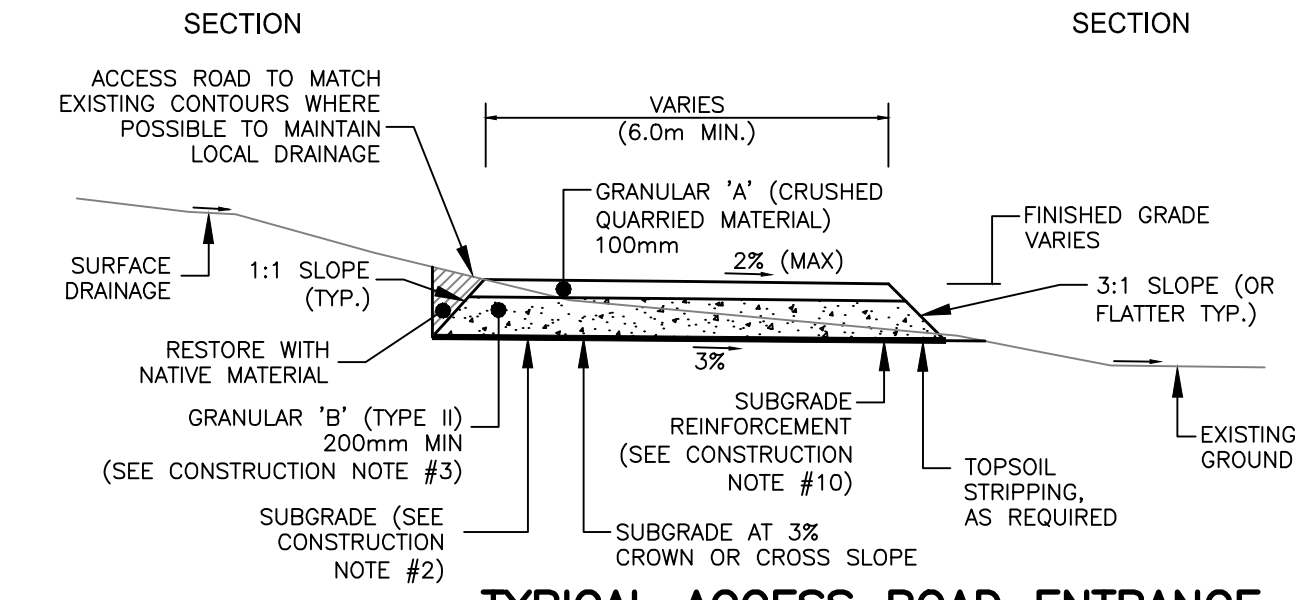
SEE DRAWING C202 FOR ADDITIONAL ACCESS ROAD DETAILS



KEY PLAN N.T.S.



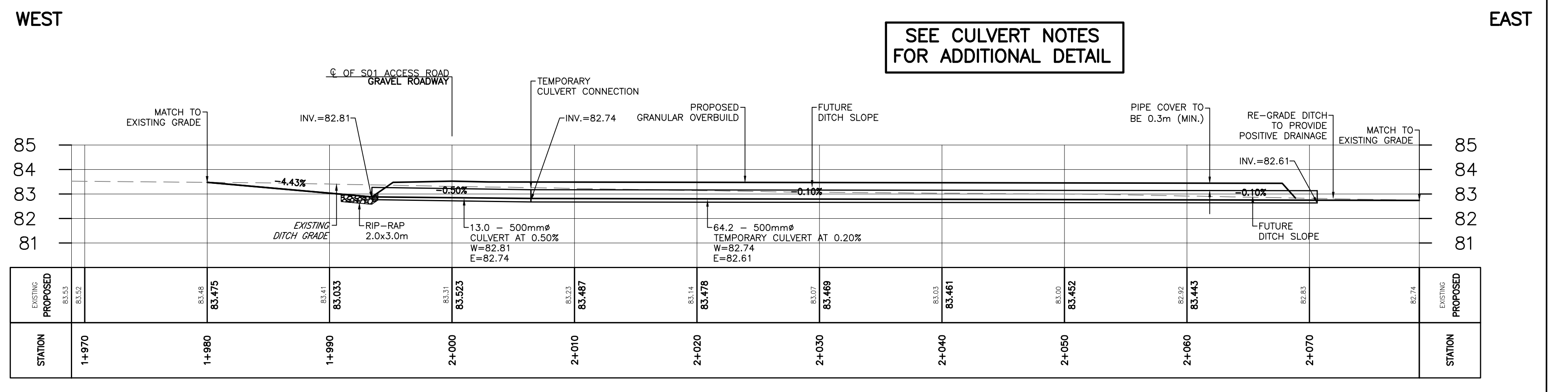
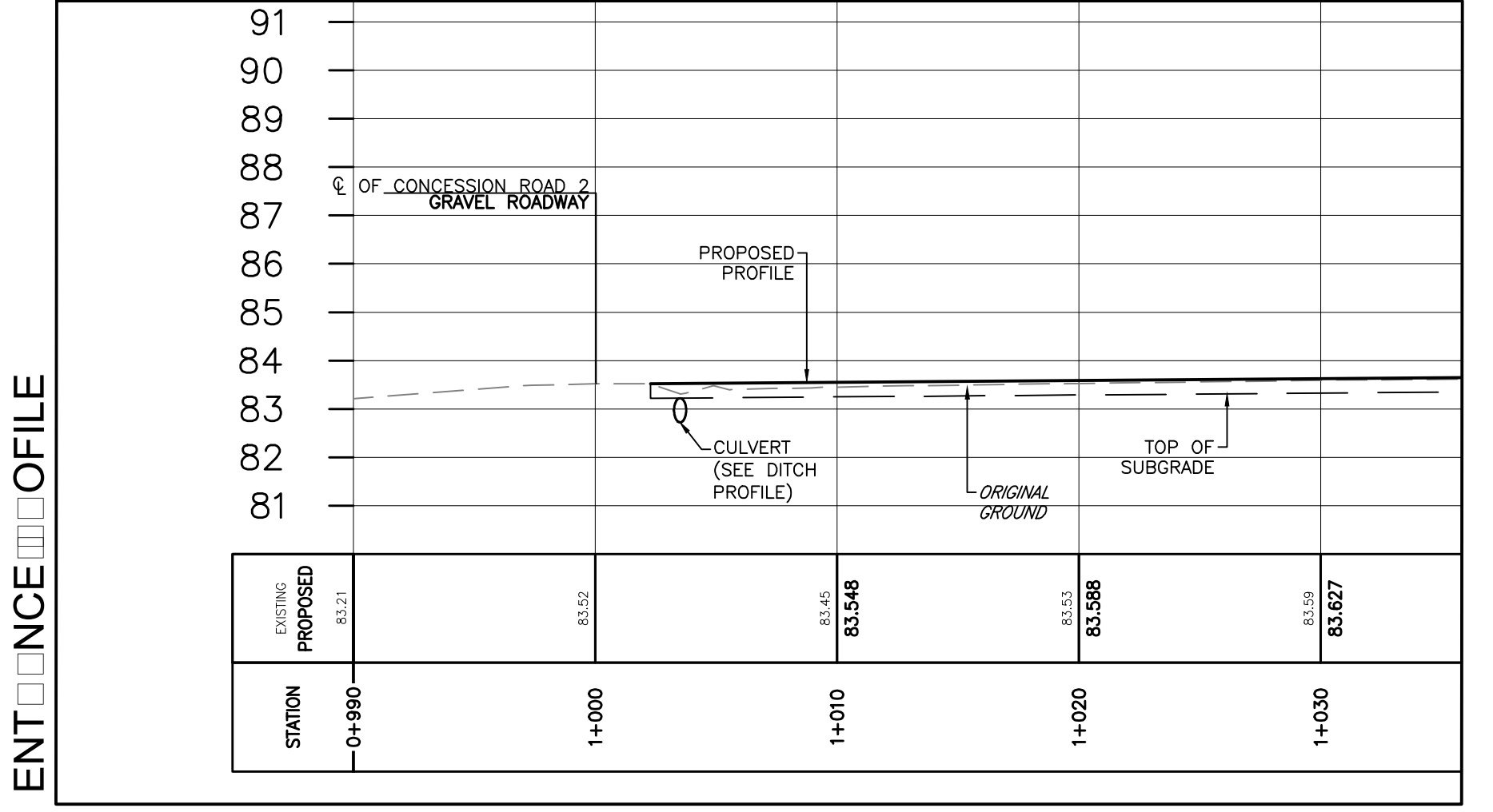
TYPICAL ACCESS ROAD ENTRANCE FLAT SECTION N.T.S.



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

- 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, TYPE 3 SOL. PIPE BEDDING AND COVER MATERIAL TO BE GRANULAR 'A'.
 - 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
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 - COMPACTION REQUIREMENTS:
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GRANULARS - 98% STANDARD PROCTOR DENSITY
 - CLEARING AND GRUBBING TO BE COMPLETED IN ACCORDANCE WITH OPSS/MUNI 206.
 - EARTH EXCAVATION/GRADING TO BE COMPLETED IN ACCORDANCE WITH OPSS/MUNI 206.
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 - 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 COMBIRD (PRODUCT 30/50 Q1 151 GRK3) PLACED ON SUBGRADE OVER ENTIRE ACCESS ROAD.



SEE CULVERT NOTES FOR ADDITIONAL DETAIL

CONCESSION RD. 2

PLAN

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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

A	PCS SUBMISSION	RCL	MPG	17.08.16
Revision		By	Appd.	YY.MM.DD

File Name:	PCS C203-C215_133560100-Ent.dwg	RCL	MPG	RCL	17.08.15
		Dwn.	Chkd.	Dign.	YY.MM.DD

Permit-Seal

Client/Project

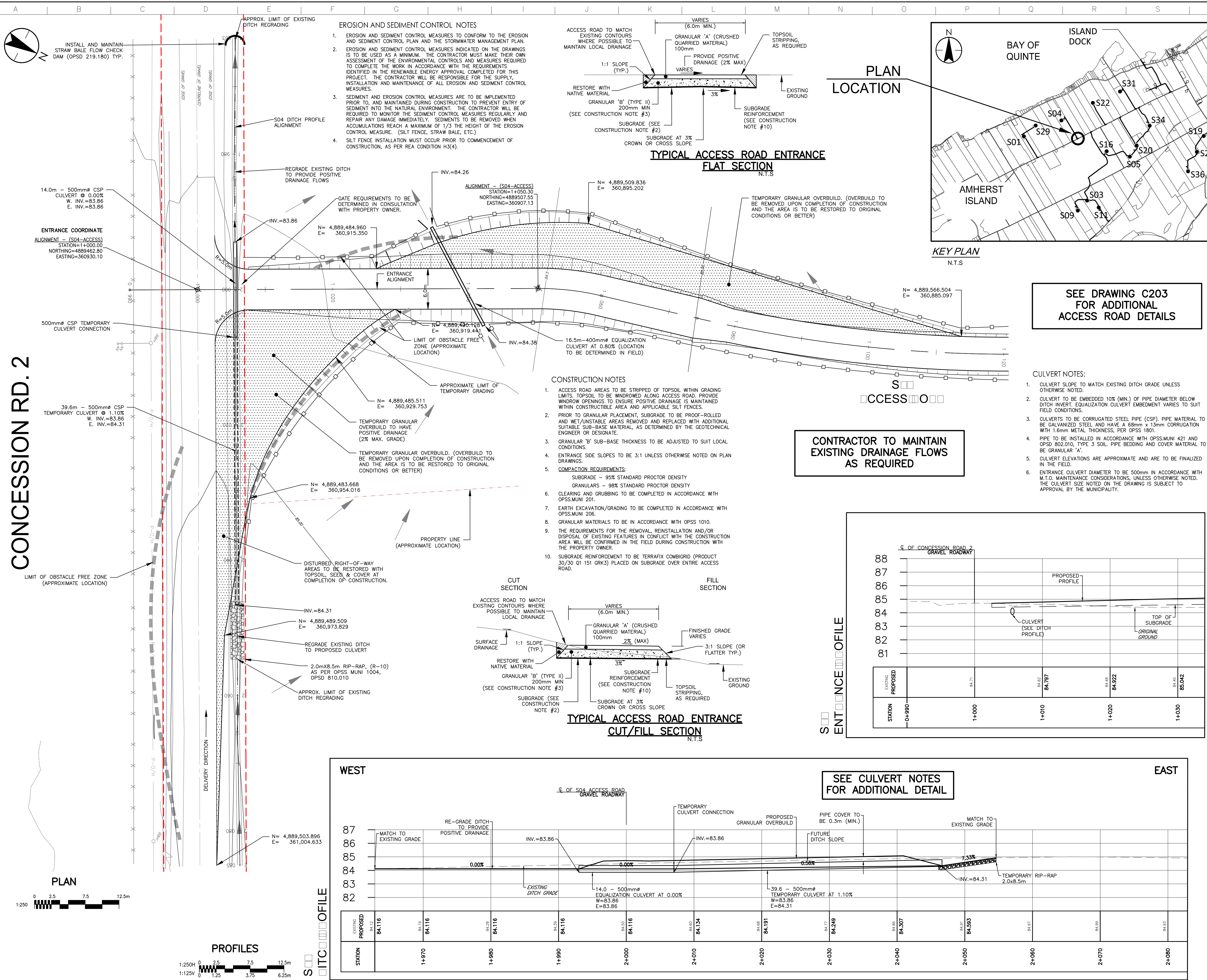


AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

TEMPORARY ENTRANCE LAYOUT
CONCESSION ROAD 2
ENTRANCE FOR TURBINE S04

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



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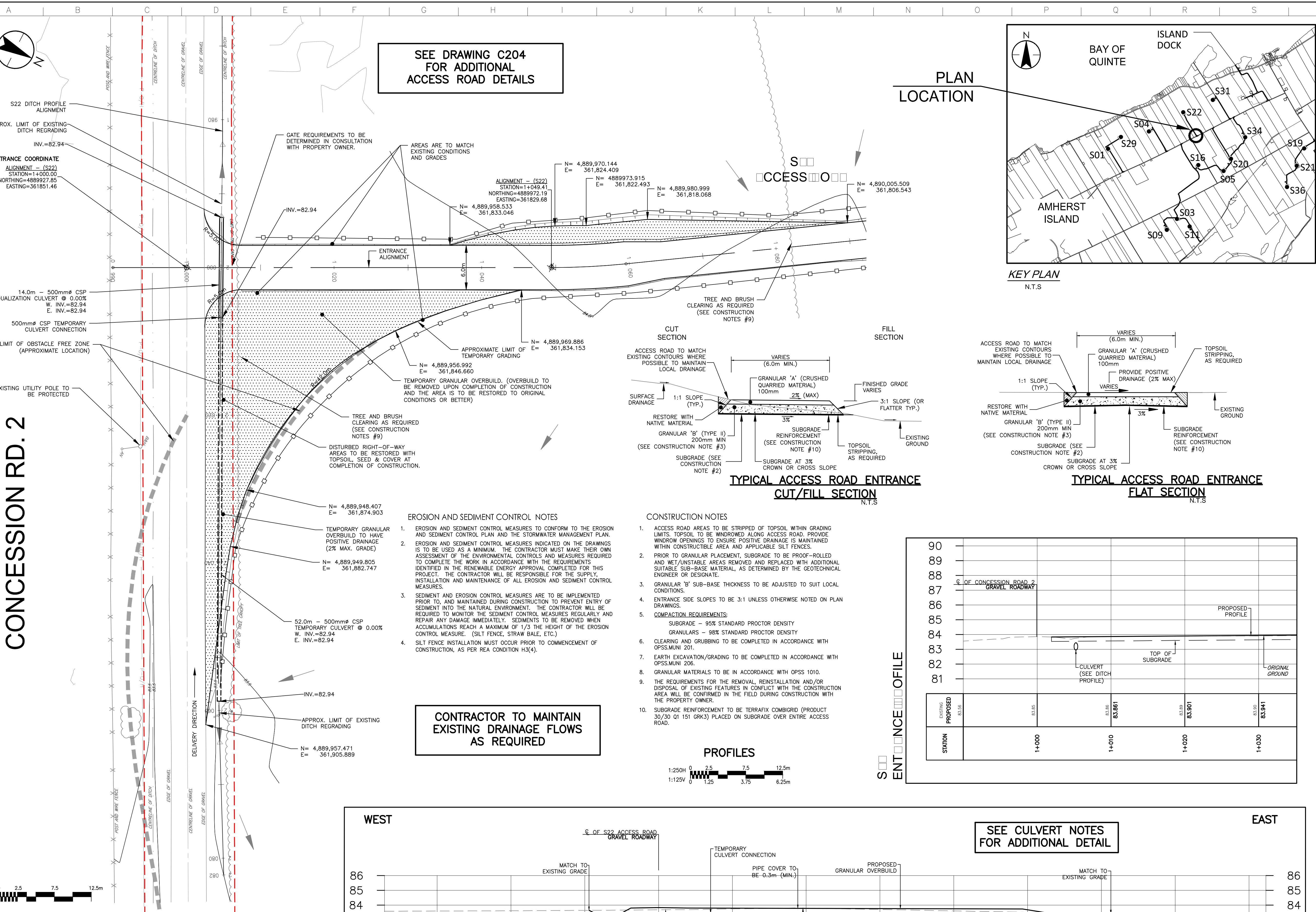
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Legend

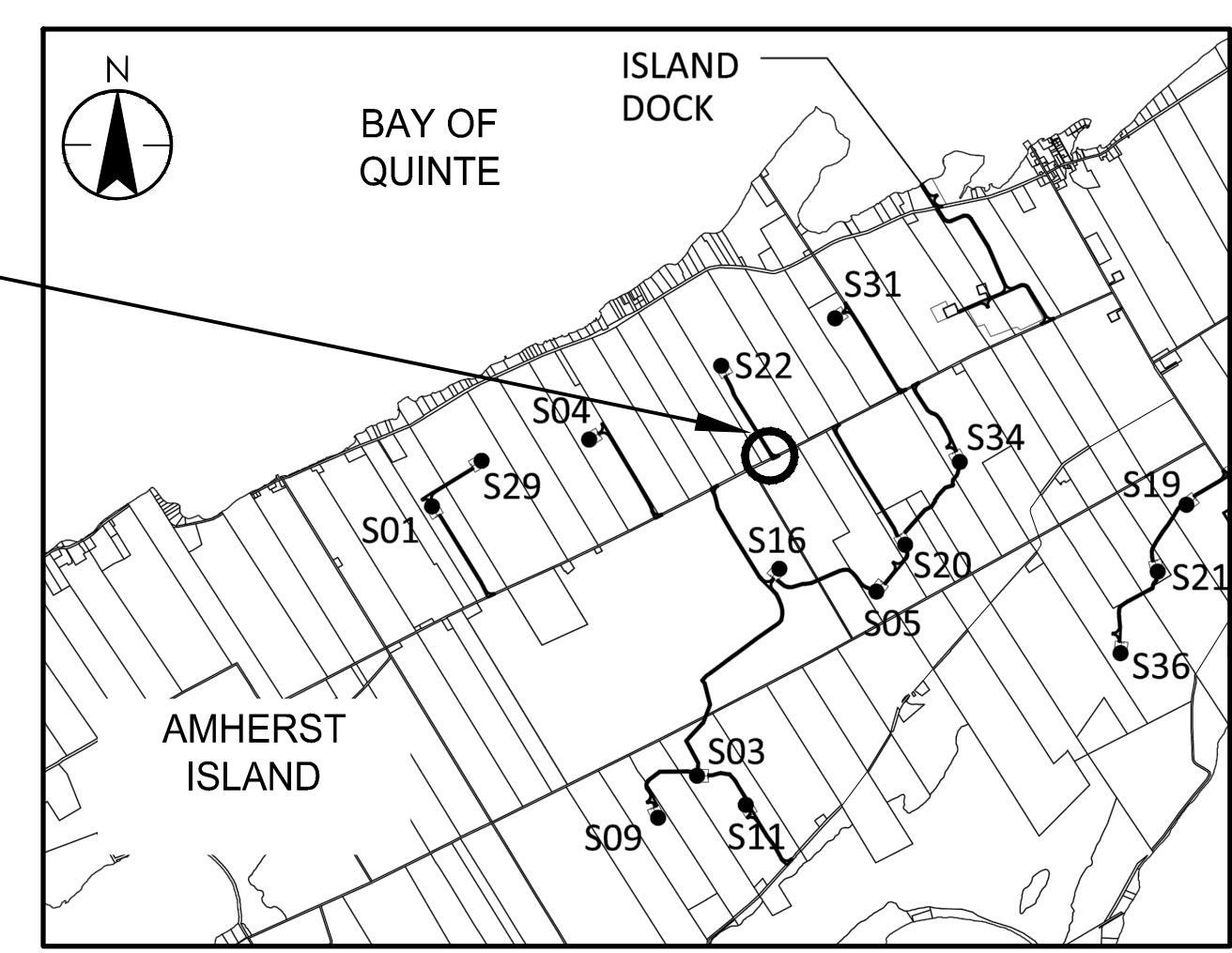
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- PROPOSED SILT FENCING
- TEMPORARY OVERBUILD AREA



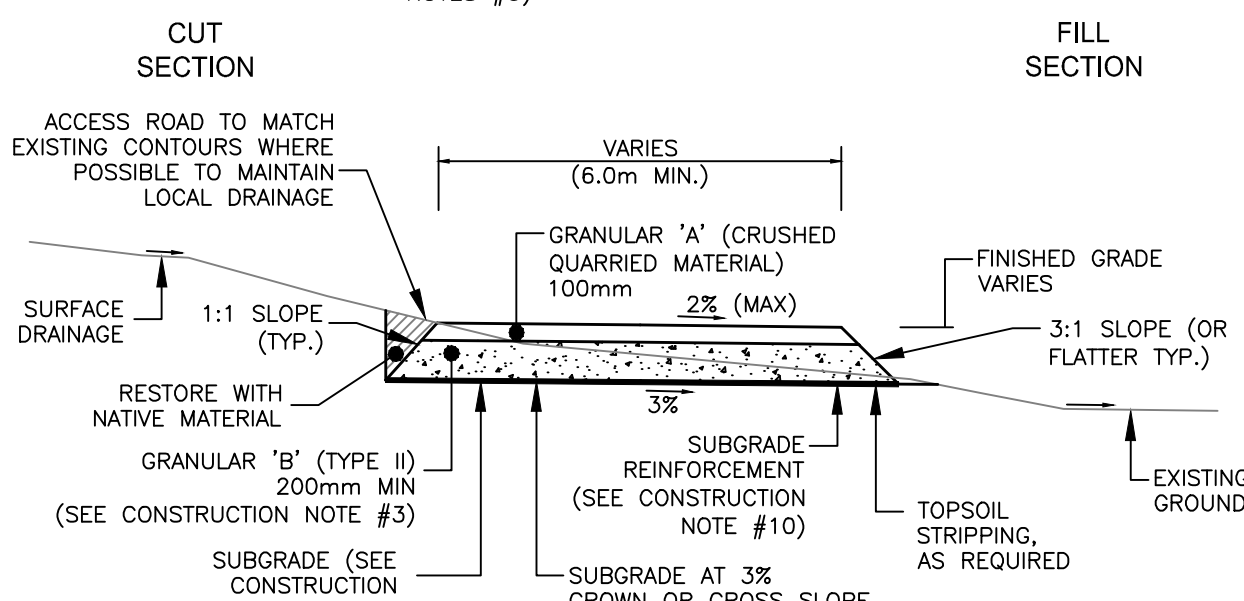
CONCESSION RD. 2

PLAN

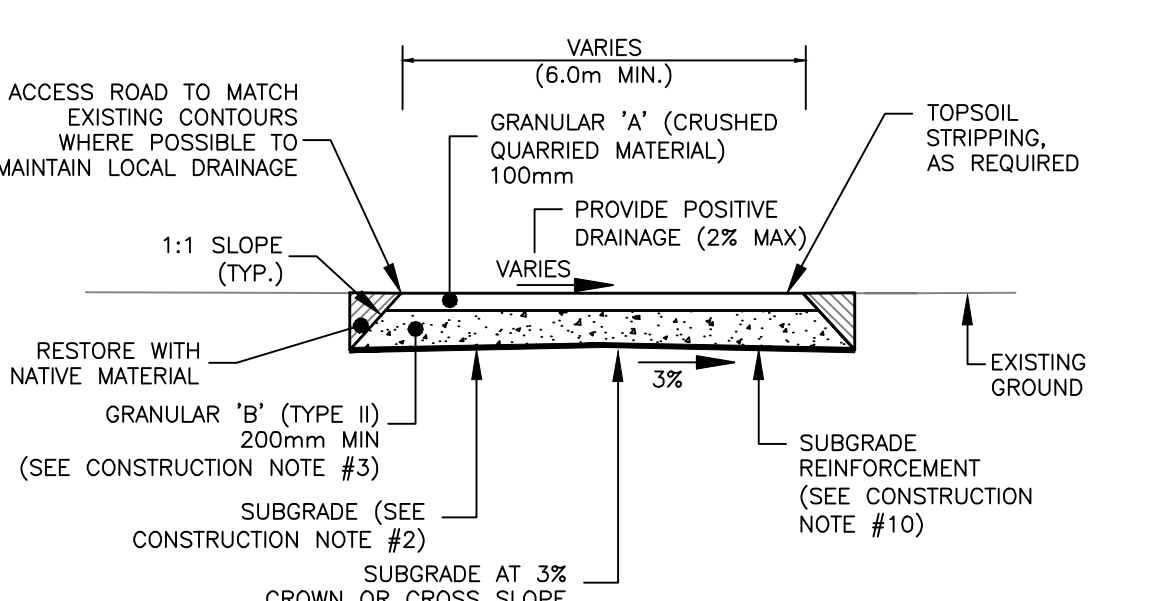
- CULVERT NOTES:**
- CULVERT SLOPE TO MATCH EXISTING DITCH GRADE UNLESS OTHERWISE NOTED.
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 - CULVERTS TO BE CORRUGATED STEEL PIPE (CSP). PIPE MATERIAL TO BE GALVANIZED STEEL AND HAVE A 63mm x 13mm CORRUGATION WITH 1.6mm METAL THICKNESS, PER OPSS 1801.
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KEY PLAN
N.T.S.



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



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

EROSION AND SEDIMENT CONTROL NOTES

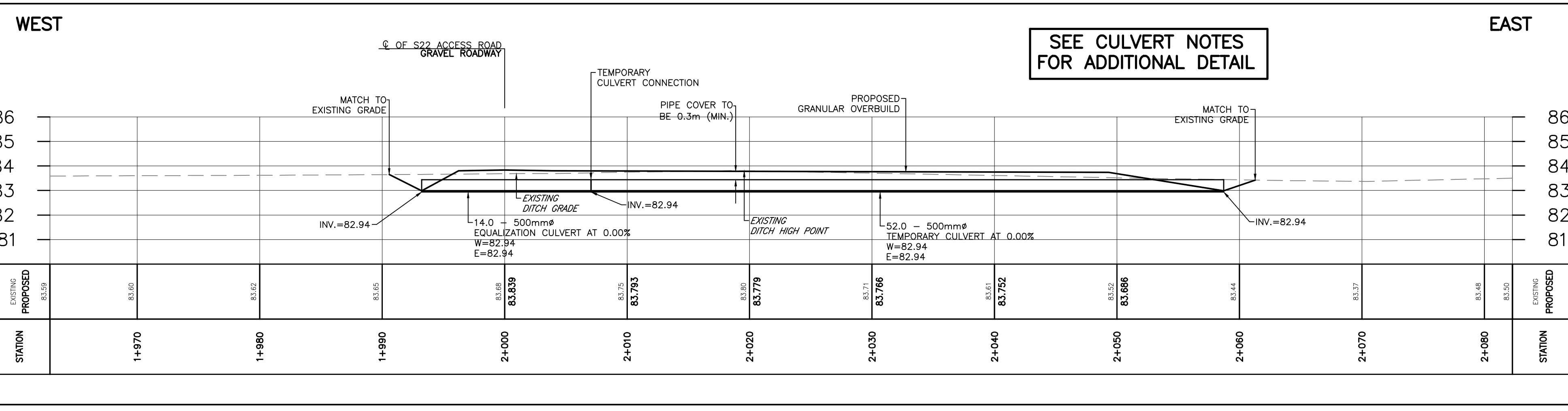
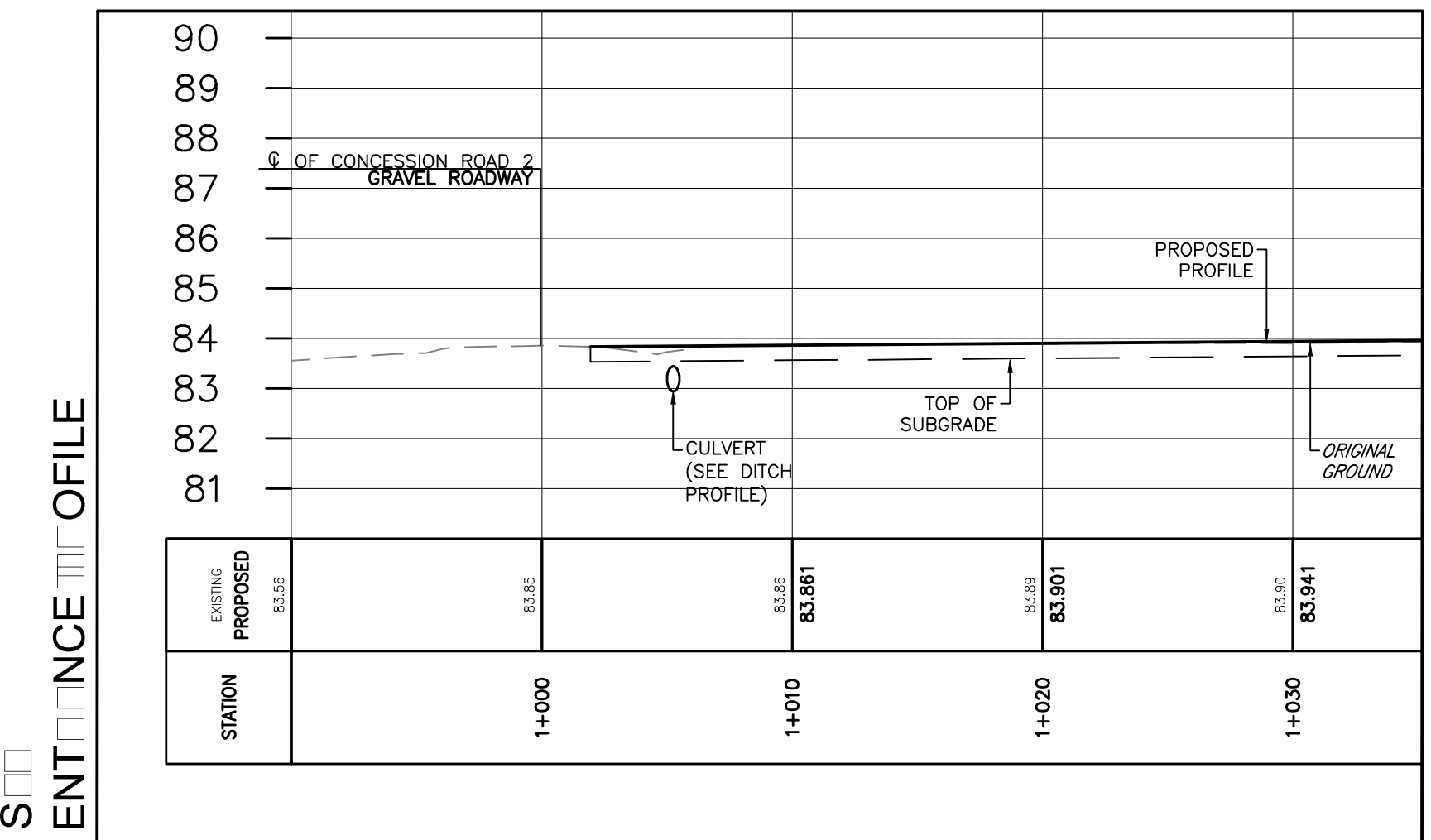
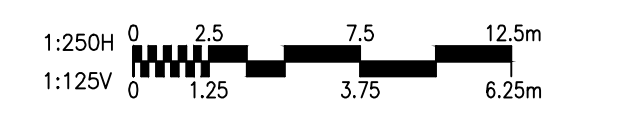
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- GRANULAR MATERIALS TO BE IN ACCORDANCE WITH OPSS 1010.
- THE REQUIREMENTS FOR THE REMOVAL, REINSTALLATION AND/OR DISPOSAL OF EXISTING FEATURES IN CONFLICT WITH THE CONSTRUCTION AREA WILL BE CONFIRMED IN THE FIELD DURING CONSTRUCTION WITH THE PROPERTY OWNER.
- SUBGRADE REINFORCEMENT TO BE TERRAFIX COMBGRID (PRODUCT 30/30 Q1 151 GRK.3) PLACED ON SUBGRADE OVER ENTIRE ACCESS ROAD.

CONTRACTOR TO MAINTAIN EXISTING DRAINAGE FLOWS AS REQUIRED

PROFILES



SEE CULVERT NOTES FOR ADDITIONAL DETAIL

ENTRANCE PROFILE

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Client/Project
PENNECON HEAVY CIVIL
AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title
**TEMPORARY ENTRANCE LAYOUT
CONCESSION ROAD 2
ENTRANCE FOR TURBINE S22**

Project No. 133560100
Drawing No. Sheet Revision

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General Notes

- UNDER GROUND 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 MINTOSH 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 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)
- ROAD ALLOWANCE
- PROPOSED SILT FENCING
- TEMPORARY OVERBUILD AREA

Revision	By	Appd.	YY.MM.DD	
A	PCS SUBMISSION	RCL	MPG	17.08.16

File Name	RCL	MPG	RCL	17.08.15
Revision	By	Appd.	YY.MM.DD	

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
DUMP ROAD
ENTRANCE FOR TURBINE S31

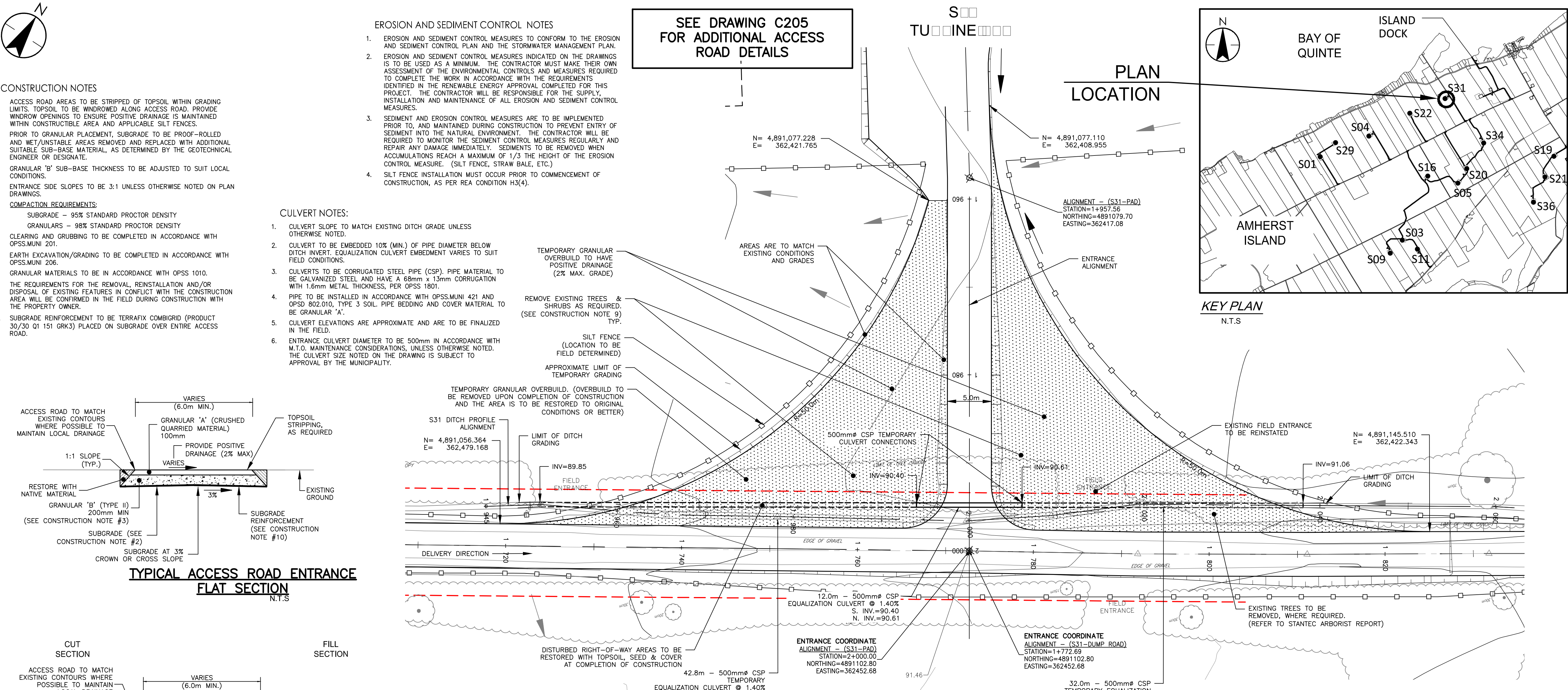
Project No.
133560100

Scale
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1:125V 0 1.25 3.75 6.25m

Drawing No.

Sheet

Revision



CONSTRUCTION NOTES

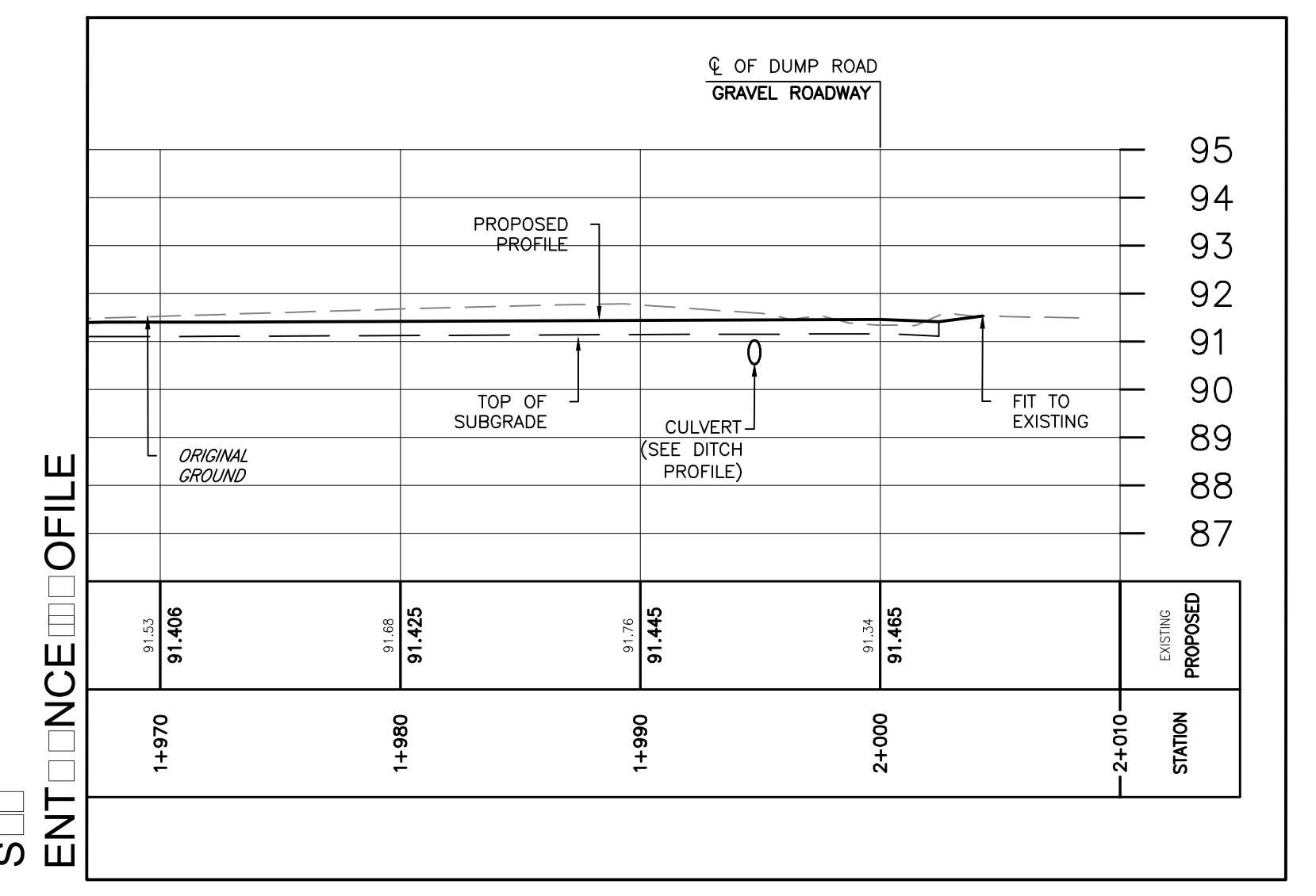
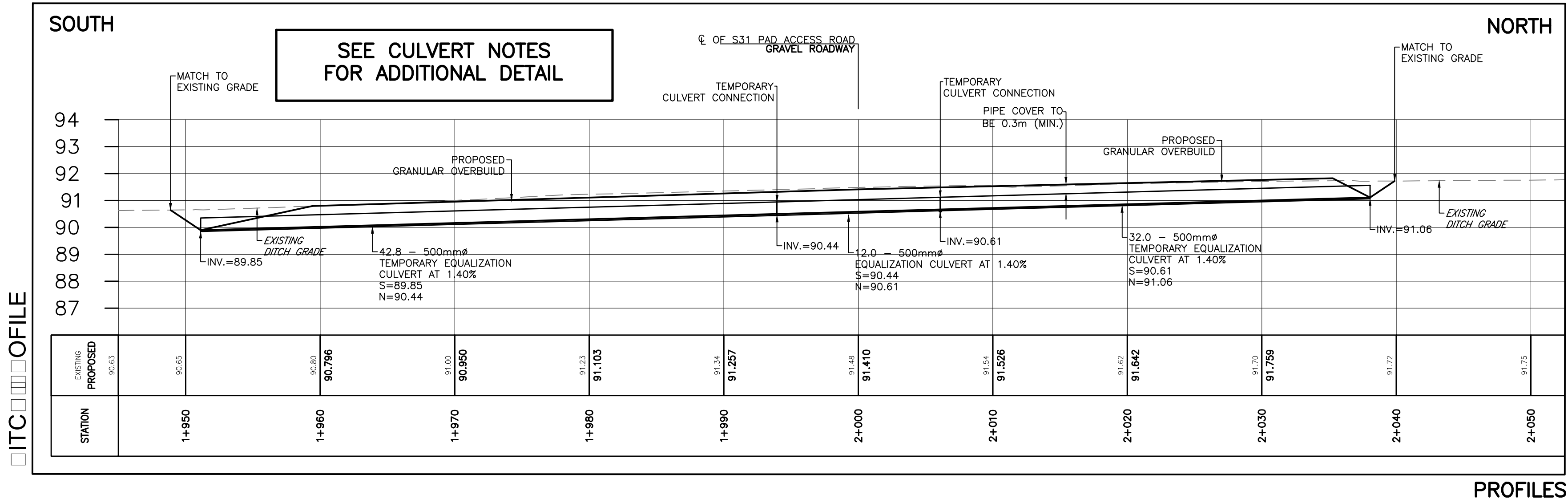
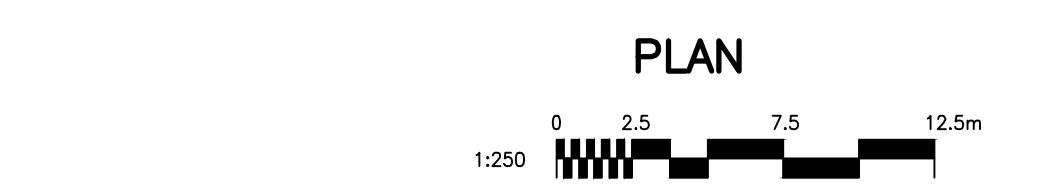
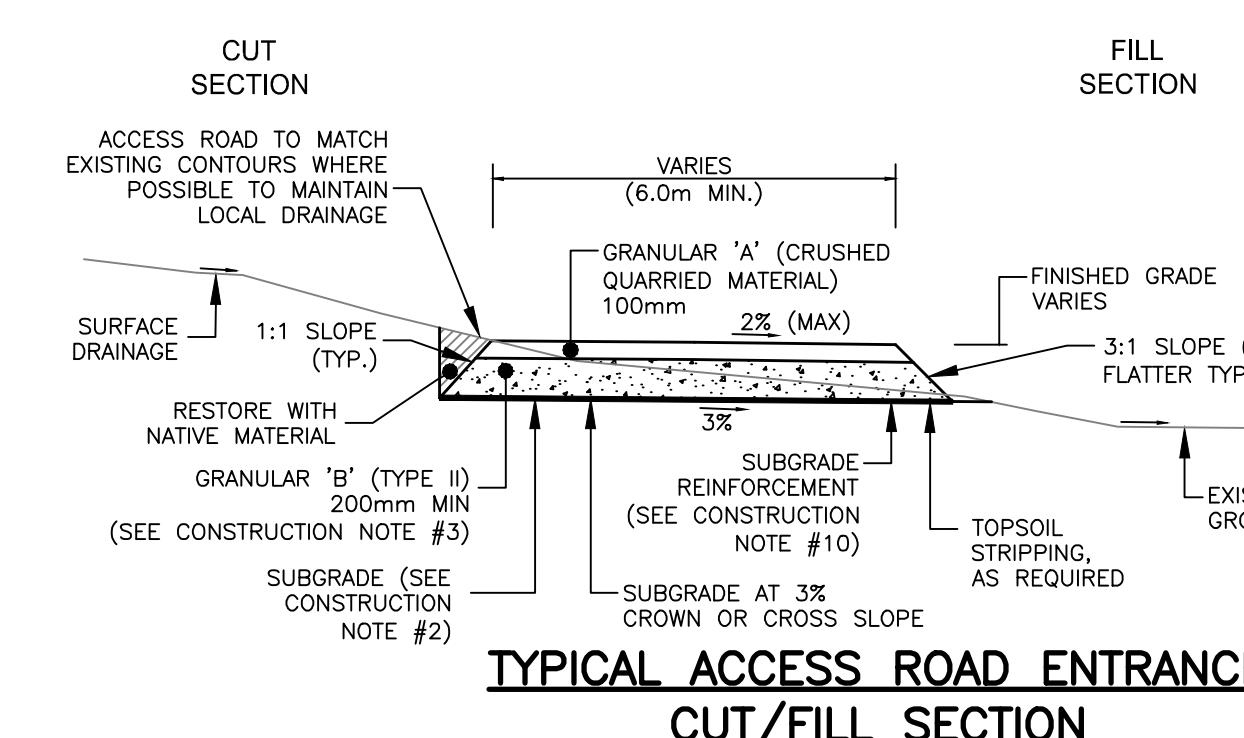
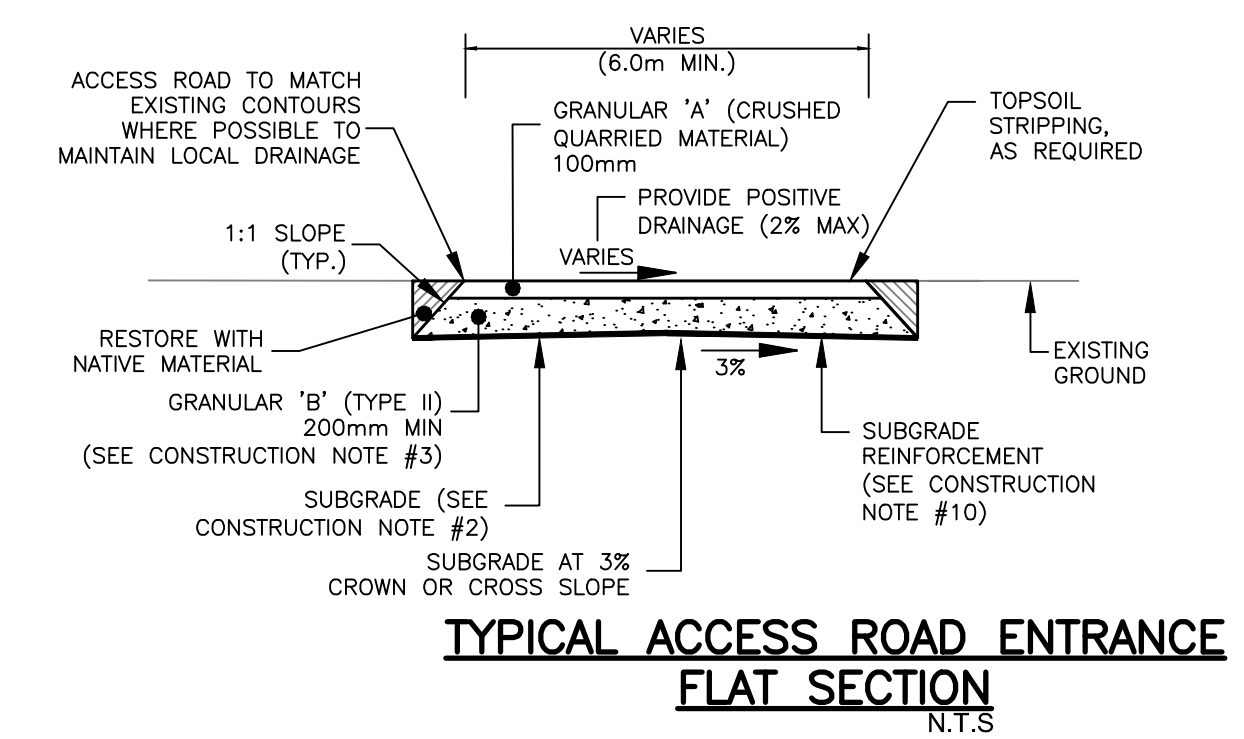
- ACCESS ROAD AREAS TO BE STRIPPED OF TOPSOIL WITHIN GRADING LIMITS. TOPSOIL TO BE WHEDDLED ALONG ACCESS ROAD. PROVIDE WHEDDLE OPENINGS TO ENSURE POSITIVE DRAINAGE IS MAINTAINED WITHIN CONSTRUCTIBLE AREA AND APPLICABLE SILT FENCES.
- PRIOR TO GRANULAR PLACEMENT, SUBGRADE TO BE PROOF-ROLLED AND WEAK/UNSTABLE 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 Q1 151 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.
- 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).

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 60mm x 13mm CORRUGATION WITH 1.6mm METAL THICKNESS, PER OPSS 1901.
- PIPE TO BE INSTALLED IN ACCORDANCE WITH OPSS/MUNI 421 AND OPSS 802.010, TYPE 3 SOIL. PIPE BEDDING AND COVER MATERIAL TO BE GRANULAR 'A'.
- 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)
- ROAD ALLOWANCE
- PROPOSED SILT FENCING
- TEMPORARY OVERBUILD AREA

A	PCS SUBMISSION	RCL	MPG	17.08.16
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Revision	By	Appd.	YY.MM.DD
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File Name:	PCS C206-C215_133560100-Ents.dwg	RCL	MPG	RCL	17.08.15
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Client/Project



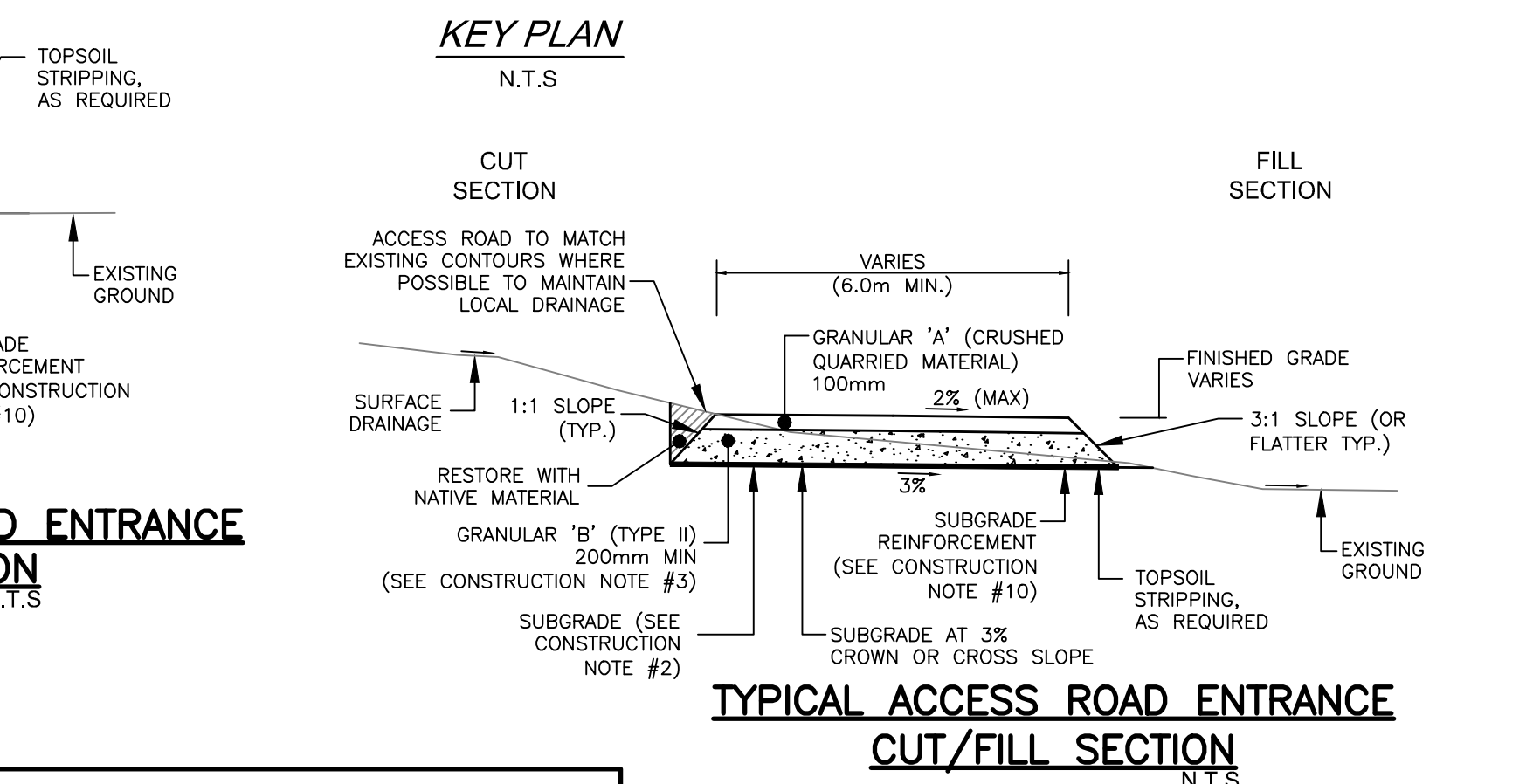
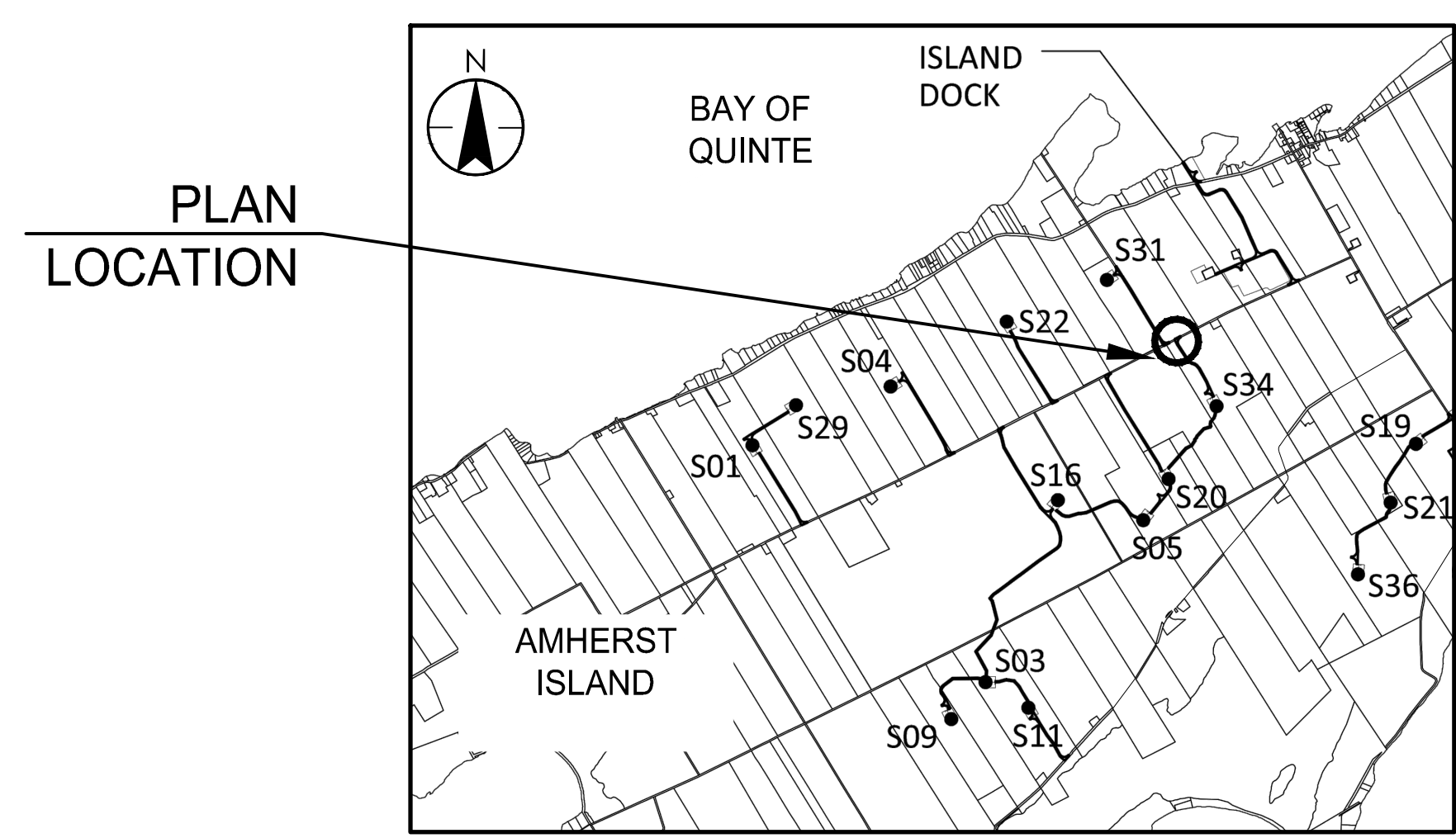
AMHERST ISLAND WIND PROJECT
75MW WIND FARM
Amherst Island, Loyalist Township, Ontario

Title

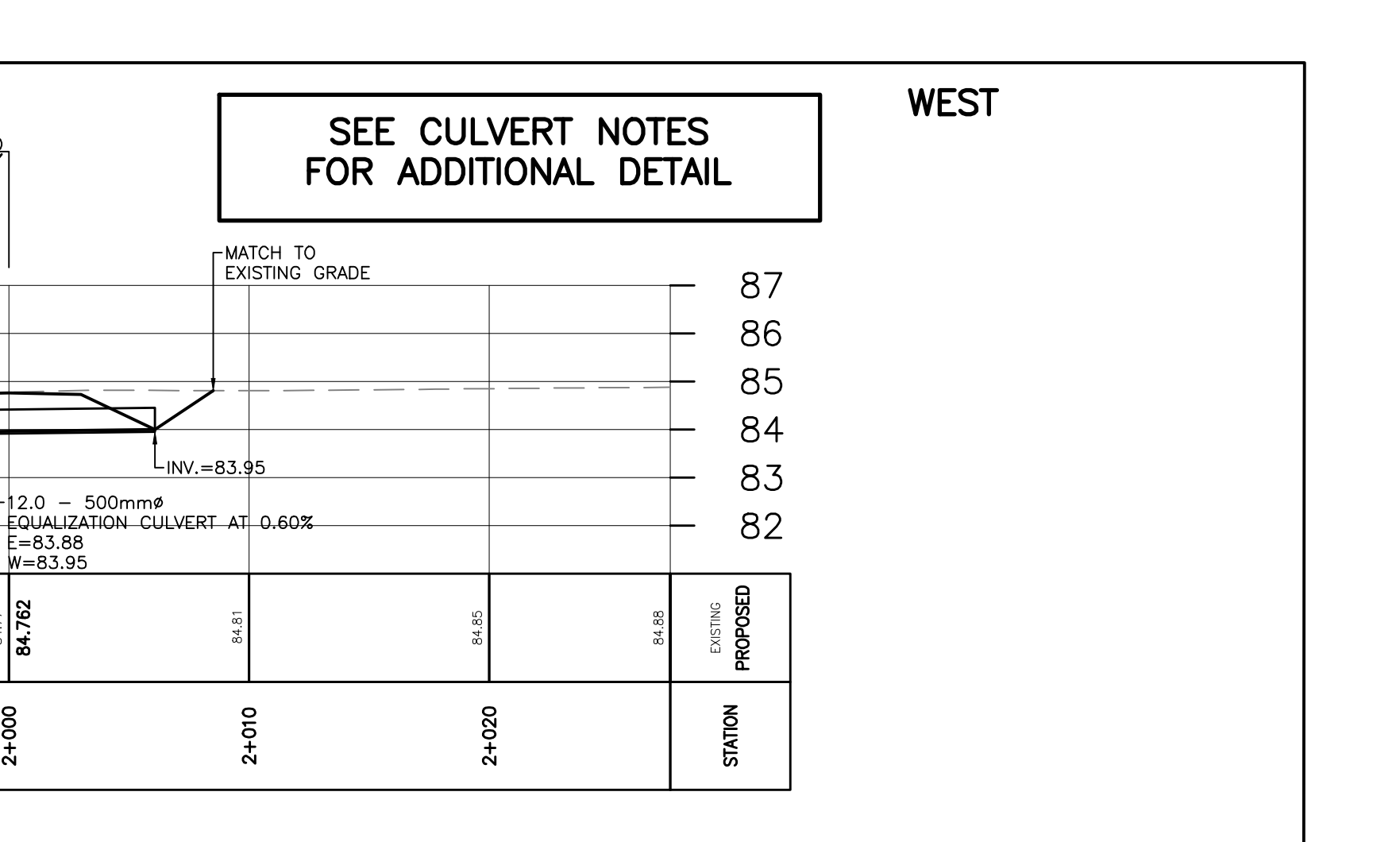
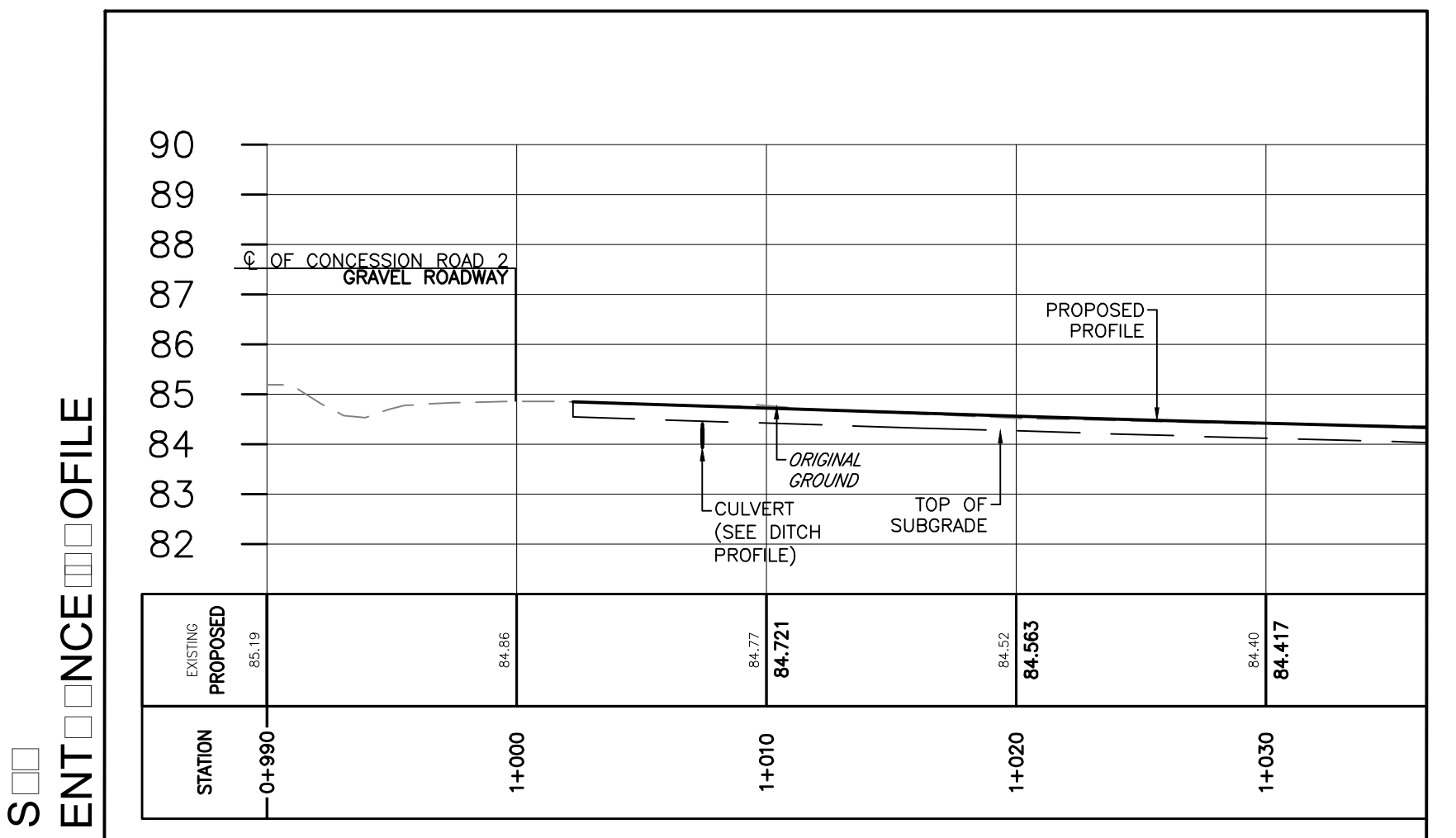
TEMPORARY ENTRANCE LAYOUT
CONCESSION ROAD 2
ENTRANCE FOR TURBINE S34

Project No.	133560100	Scale	1:250H 0 2.5 7.5 12.5m 1:125V 0 1.25 3.75 6.25m
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Drawing No.	Sheet	Revision
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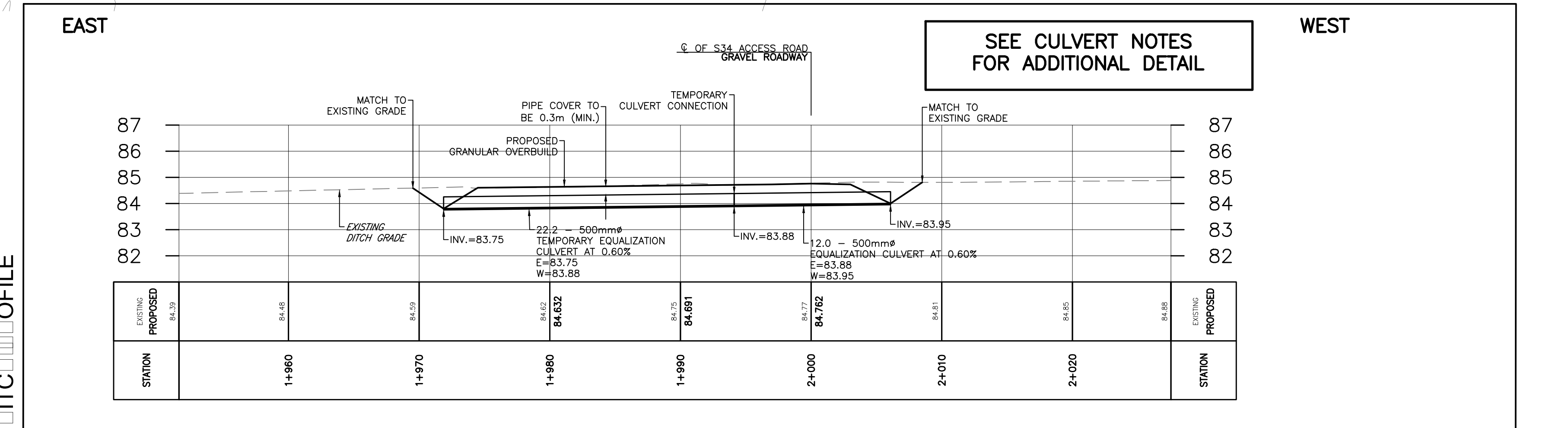
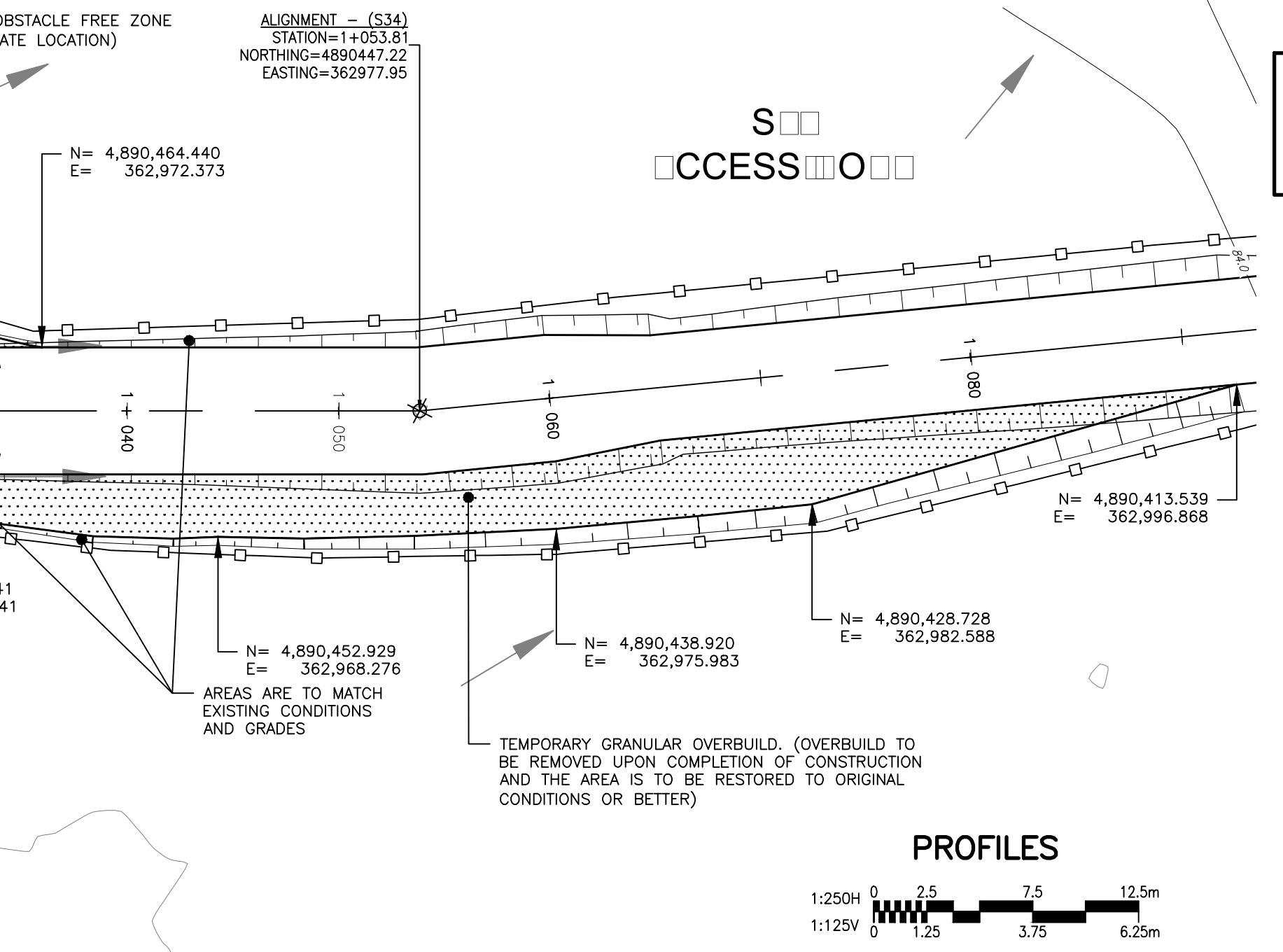
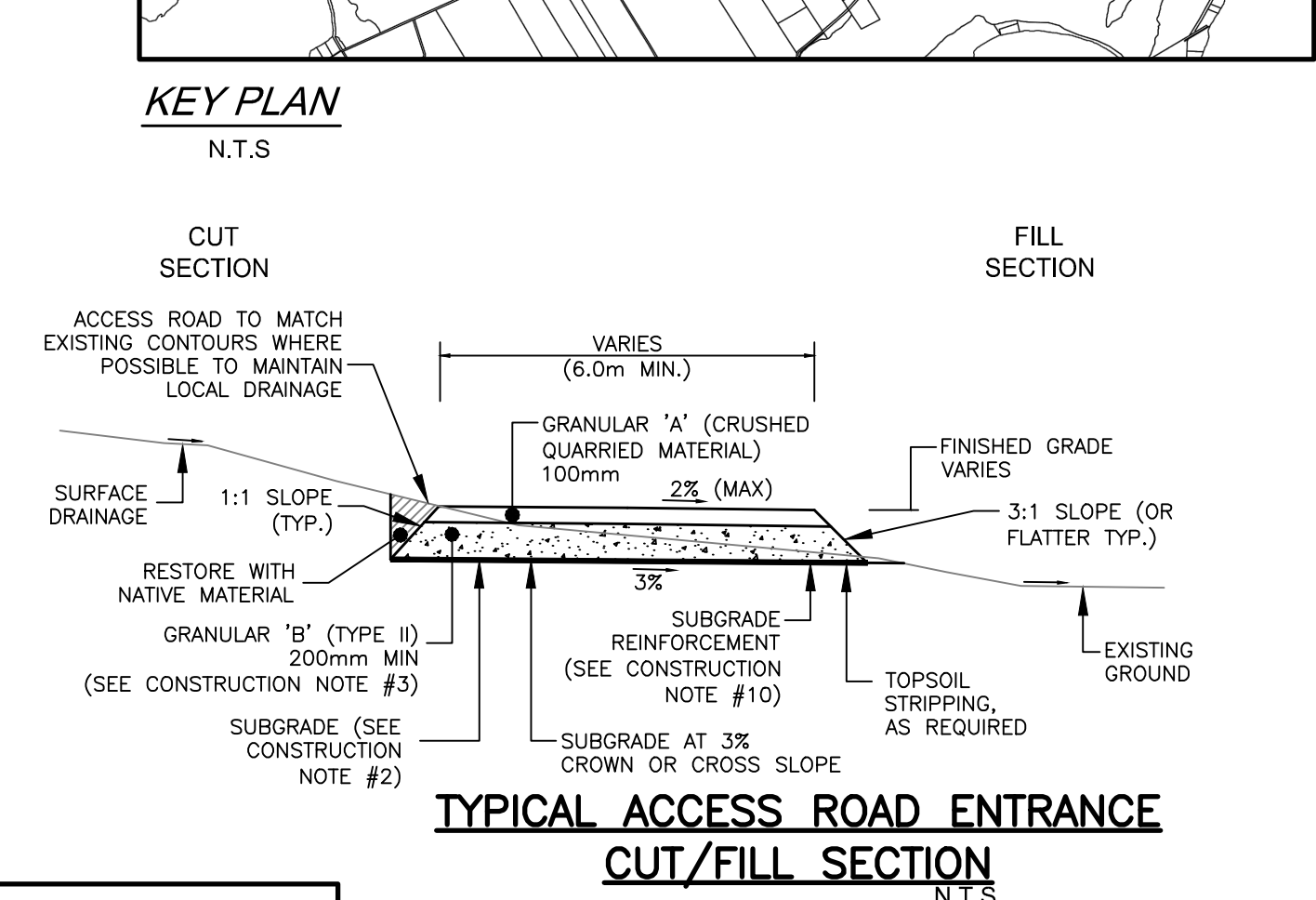
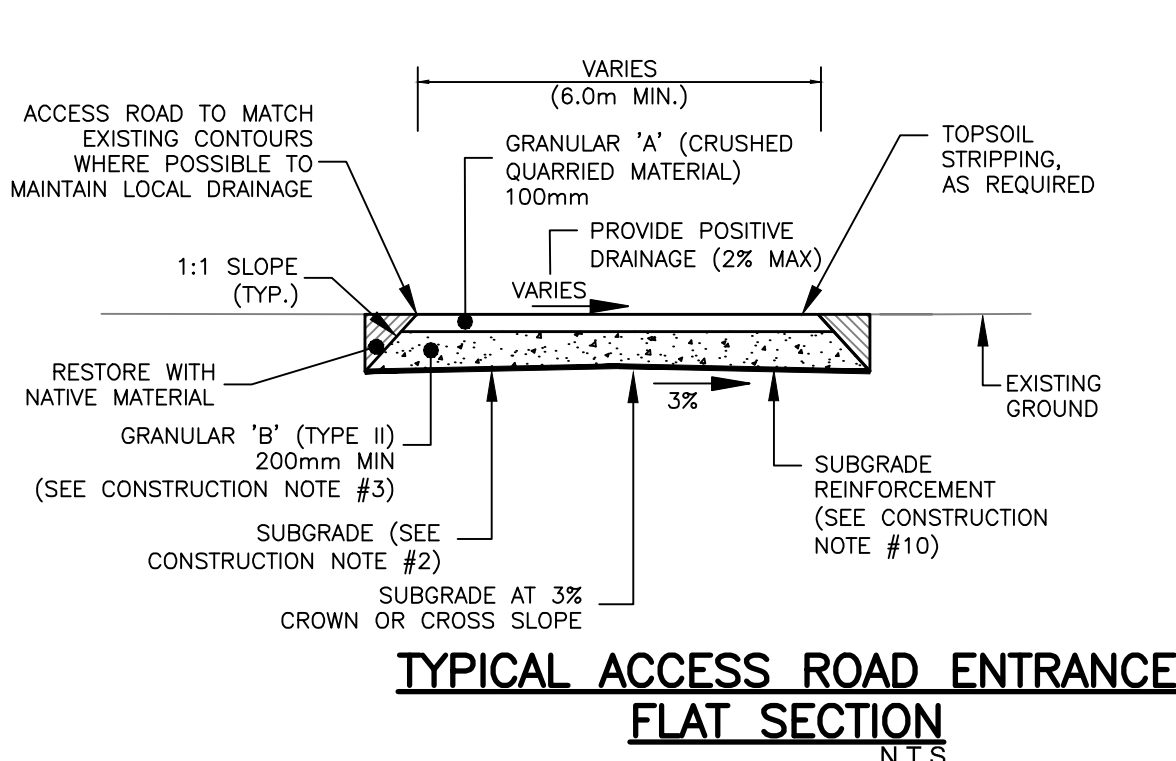
SEE DRAWING C206 FOR ADDITIONAL ACCESS ROAD DETAILS



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

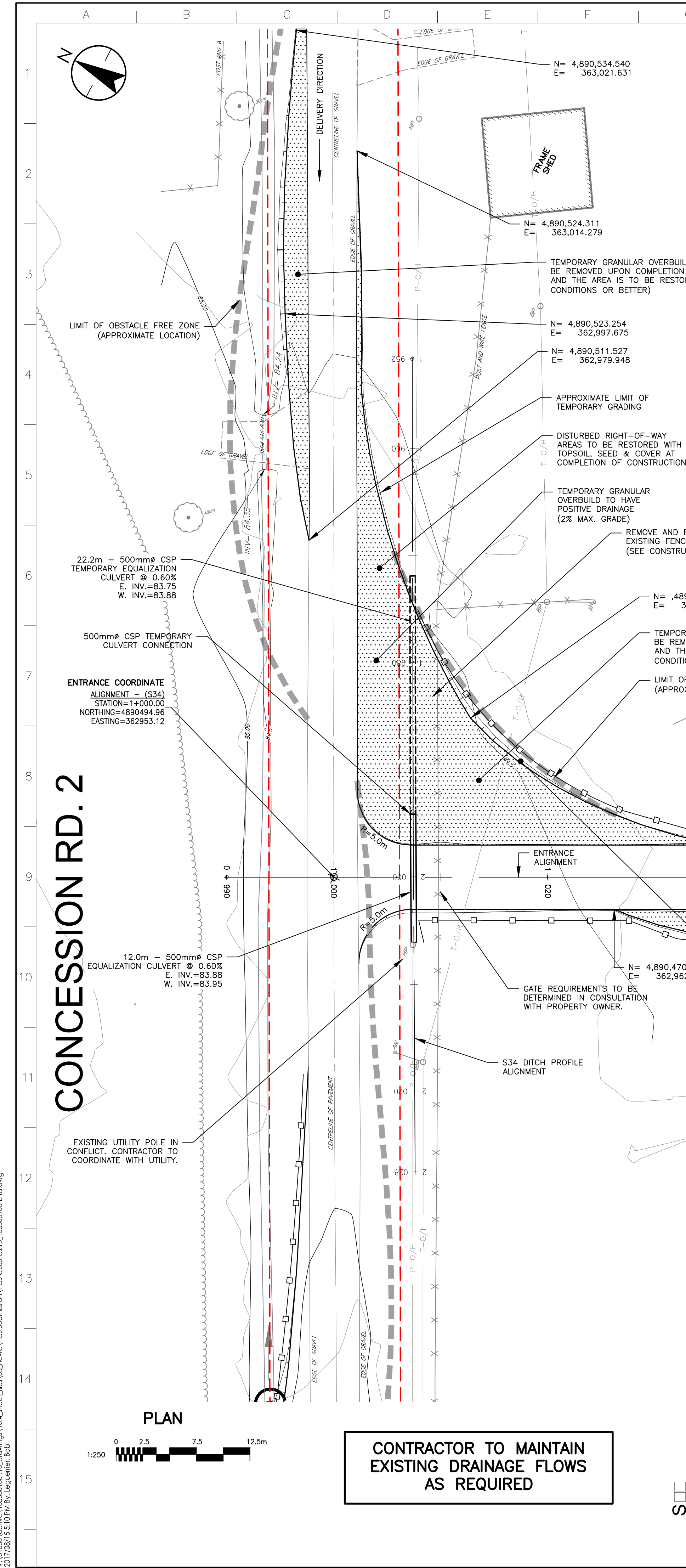
- CONSTRUCTION NOTES**
- ACCESS ROAD AREAS TO BE STRIPPED OF TOPSOIL WITHIN GRADING LIMITS. TOPSOIL TO BE WINDROWED ALONG ACCESS ROAD. PROVIDE WINDROW OPENINGS TO ENSURE POSITIVE DRAINAGE IS MAINTAINED WITHIN CONSTRUCTIBLE AREA AND APPLICABLE SILT FENCES.
 - PRIOR TO GRANULAR PLACEMENT, SUBGRADE TO BE 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.
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 - 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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 - 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 OPSD 802.010, TYPE 3 SOIL. PIPE BEDDING AND COVER MATERIAL TO BE GRANULAR 'A'.
 - 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

CONCESSION RD. 2



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