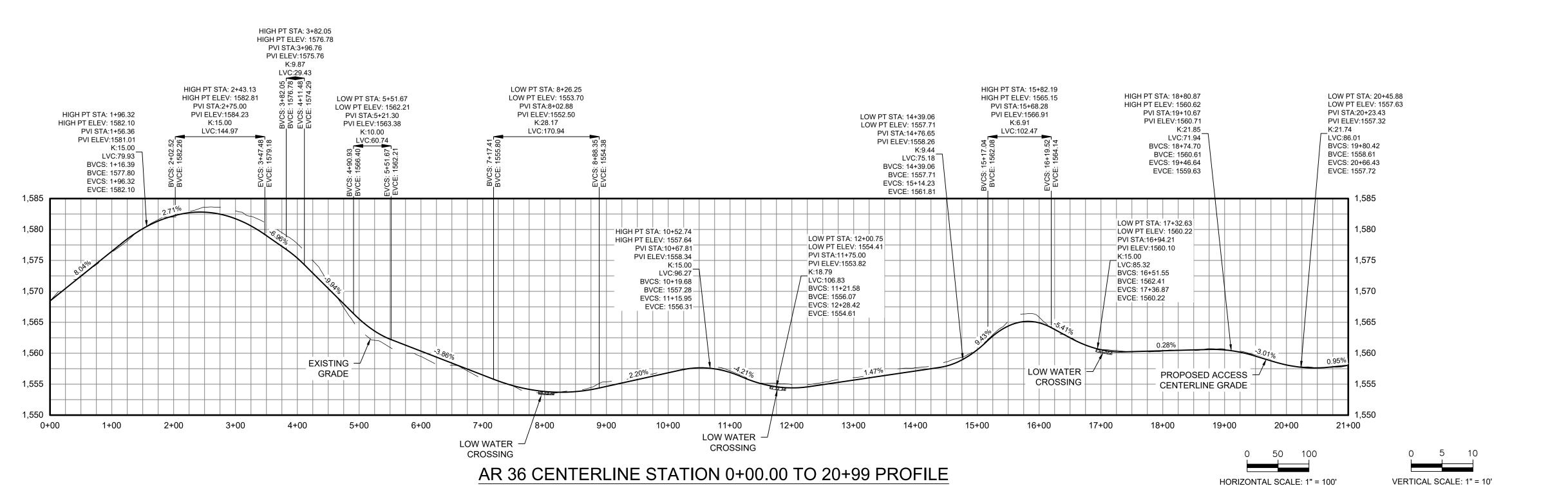


ACCESS ROAD 36
CUT REQ'D: 1197 CY
FILL REQ'D: 600 CY
NET: 597 CY [CUT]

CUT/FILL VALUES INDICATED ARE A COMPARISON OF EXISTING GRADE TO THE PROPOSED DESIGN GRADE. VALUES DO NOT FACTOR OUT ACCESS ROAD FINAL SURFACING OR TOPSOIL STRIPPING/RE-APPLICATION.



PROPOSED OVERHEAD LINE PROPOSED UNDERGROUND LINE ----UGE------UGE------PROPOSED ACCESS ROAD WETLANDS - FEDERAL WETLANDS - NYSDEC JURISDICTIONAL -·-·-·-·-· STREAMS - FEDERAL STREAMS - NYSDEC JURISDICTIONAL FEDERAL WETLANDS/STREAMS -SETBACK WETLANDS/STREAMS - SETBACK SOLAR MODULES PROPOSED LANDSCAPE AREAS EXISTING VEGETATIVE BUFFER PROPOSED FOR SCREENING OCCUPIED RESIDENCES OCCUPIED RESIDENCE SETBACK — — 1300 — — EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR **EXISTING GAS LINE & EASEMENT** ____ SILT FENCE LIMITS OF DISTURBANCE STORM/PIPE CULVERT PROPOSED INVERTER PAD LOCATIONS (SEE ELECTRICAL) PROPOSED JUNCTION BOX LOCATIONS (SEE ELECTRICAL) **ROCK FILTER OUTLET GAS WELLS BORE PITS** DRAWING NUMBER DRAWING SHEET MATCH LINE DRAWING NUMBER PROFILE LEGEND **EXISTING GRADE** PROPOSED GRADE ISSUED FOR 94C KW 07/14/2021 JSD NJM ISSUED FOR REVIEW KW 01/29/2021 RCB ISSUED FOR REVIEW KW NJM Drawn Description Ch'k'd App'o Rev Date Mott Macdonald NY Inc. 111 Wood Avenue South Iselin, NJ 08830-4112

PROPERTY LINES

PROPERTY LINE SETBACKS
PROPOSED PERIMETER FENCE
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR

MOTT MACDONALD

111 Wood Avenue South Iselin, NJ 08830-4112 United States **T** +1 (973) 379-3400 **F** +1 (973) 376-1072 **W** www.mottmac.com

Client

Legend



SOUTH RIPLEY SOLAR
CIVIL ROAD & GRADING
AR 36 PLAN & PROFILE
SHEET 1 OF 3

PRELIMINARY
NOT FOR
CONSTRUCTION
REPLACE WITH
ENGINEERS STAMP
AT CONSTRUCTION
AND/OR FABRICATION

Designed MU Eng check KW

Drawn RCB Approved NJM

Scale at ANSI D
AS SHOWN 07/14/2021 C

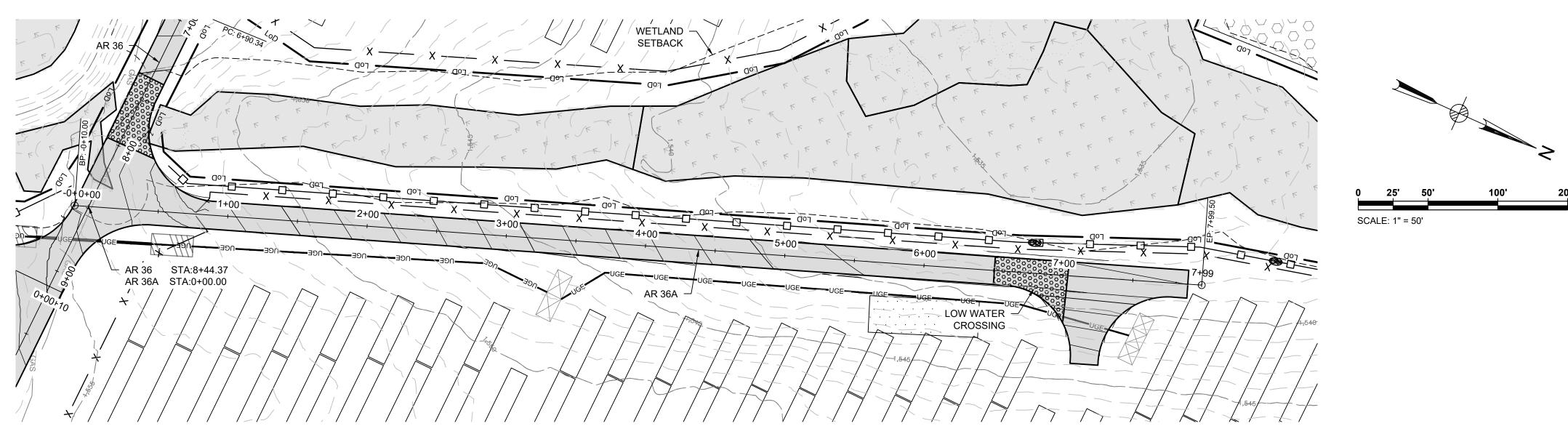
Drawing Number

Number SRS-C-112-34

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AR 36A STATION 0+00.00 TO 8+00 PLAN

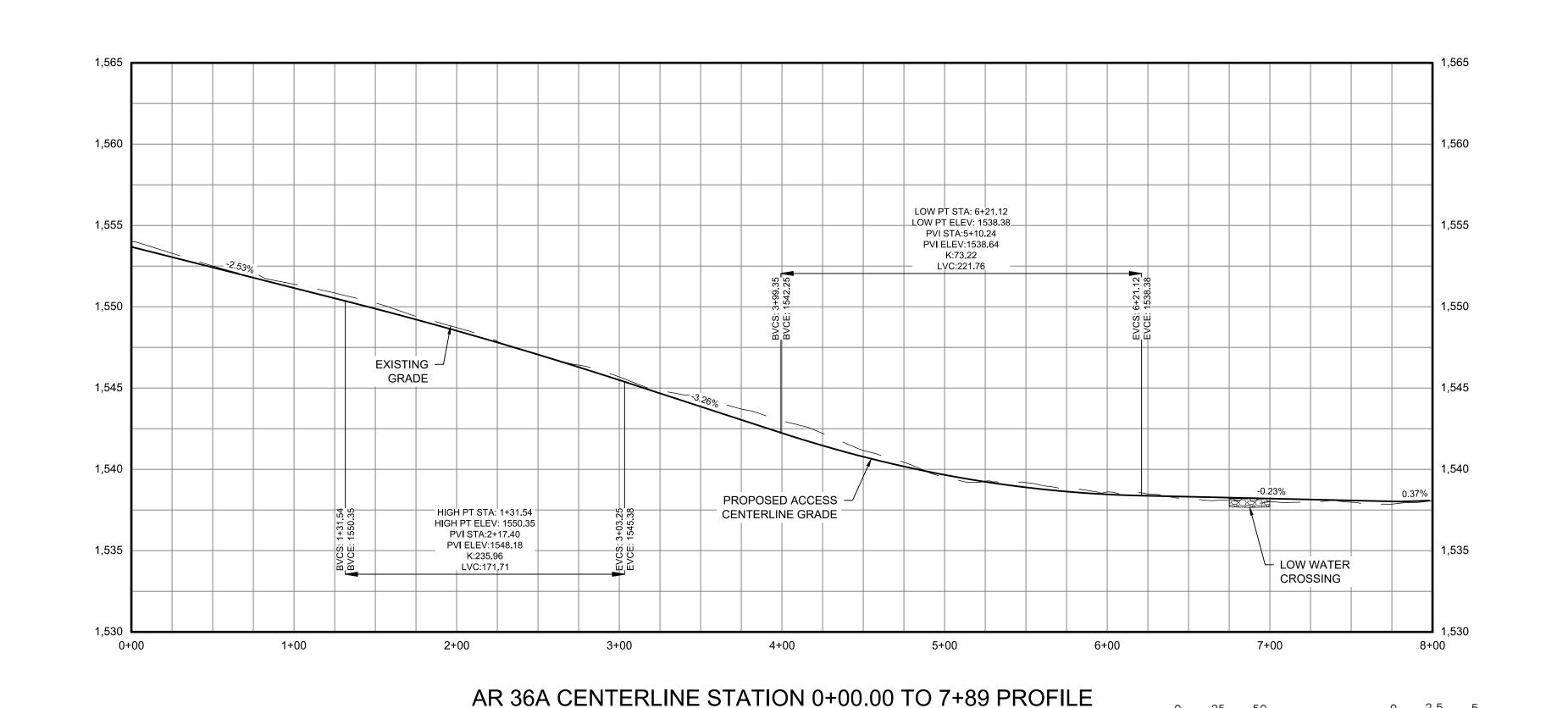
ACCESS ROAD 36 CUT REQ'D: 1197 CY FILL REQ'D: 600 CY NET: 597 CY [CUT]

CUT/FILL VALUES INDICATED ARE A COMPARISON OF EXISTING GRADE TO THE PROPOSED DESIGN GRADE. VALUES DO NOT FACTOR OUT ACCESS ROAD FINAL SURFACING OR TOPSOIL STRIPPING/RE-APPLICATION.

0 2.5 5

VERTICAL SCALE: 1" = 5'

HORIZONTAL SCALE: 1" = 50'



PROPOSED MINOR CONTOUR PROPOSED OVERHEAD LINE PROPOSED UNDERGROUND LINE ----UGE------UGE------______ PROPOSED ACCESS ROAD WETLANDS - FEDERAL WETLANDS - NYSDEC JURISDICTIONAL _._._. STREAMS - FEDERAL STREAMS - NYSDEC JURISDICTIONAL FEDERAL WETLANDS/STREAMS -SETBACK -----WETLANDS/STREAMS - SETBACK SOLAR MODULES PROPOSED LANDSCAPE AREAS EXISTING VEGETATIVE BUFFER PROPOSED FOR SCREENING OCCUPIED RESIDENCES OCCUPIED RESIDENCE SETBACK — — 1300 — — EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR **EXISTING GAS LINE & EASEMENT** _____ SILT FENCE LIMITS OF DISTURBANCE STORM/PIPE CULVERT PROPOSED INVERTER PAD LOCATIONS (SEE ELECTRICAL) PROPOSED JUNCTION BOX LOCATIONS (SEE ELECTRICAL) ROCK FILTER OUTLET **GAS WELLS** BORE PITS DRAWING NUMBER DRAWING NUMBER DRAWING SHEET MATCH LINE PROFILE LEGEND **EXISTING GRADE** PROPOSED GRADE 07/14/2021 JSD ISSUED FOR 94C KW KW NJM ISSUED FOR REVIEW 01/29/2021 | RCB | ISSUED FOR REVIEW KW NJM Rev Date Drawn Description Ch'k'd App'o Mott Macdonald NY Inc. 111 Wood Avenue South Iselin, NJ 08830-4112 United States

PROPERTY LINES

PROPERTY LINE SETBACKS PROPOSED PERIMETER FENCE PROPOSED MAJOR CONTOUR

MOTT MACDONALD **+**1 (973) 379-3400 **F** +1 (973) 376-1072 www.mottmac.com

Legend



SOUTH RIPLEY SOLAR CIVIL ROAD & GRADING AR 36 PLAN & PROFILE SHEET 2 OF 3

PRELIMINARY NOT FOR CONSTRUCTION REPLACE WITH **ENGINEERS STAMP** AT CONSTRUCTION AND/OR FABRICATION

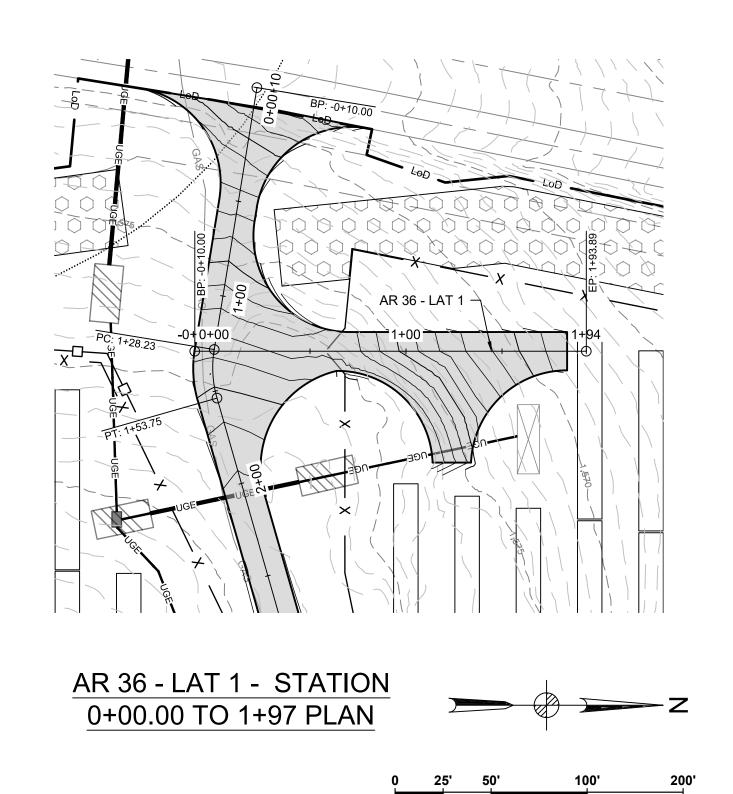
Eng check RCB Drawn Approved Scale at ANSI D Date Rev AS SHOWN 07/14/2021

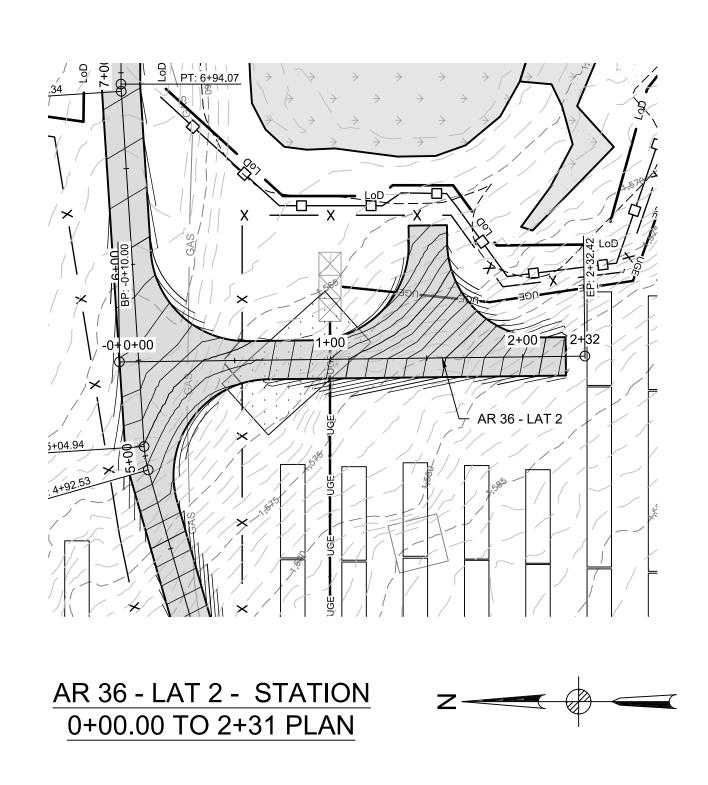
Drawing Number

SRS-C-112-34A

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SCALE: 1" = 50'

EXISTING

PROPOSED ACCESS

CENTERLINE GRADE

GRADE

LOW PT STA: 0+17.06

PVI STA:0+25.74

BVCS: 0+17.06 BVCE: 1561.39

EVCS: 0+34.43

__EVCE: 1562.52

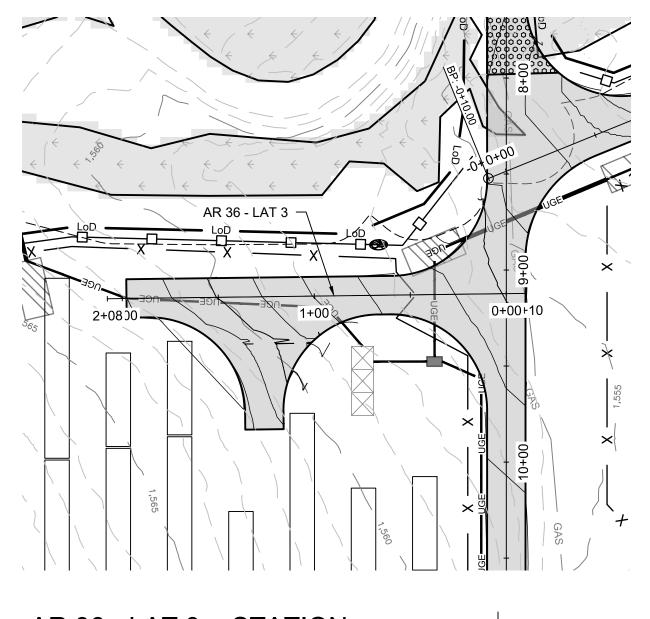
K:2.50 LVC:17.37

PVI ELEV:1561.66

LOW PT ELEV: 1561.39

1+00

0+00.00 TO 2+50 PROFILE



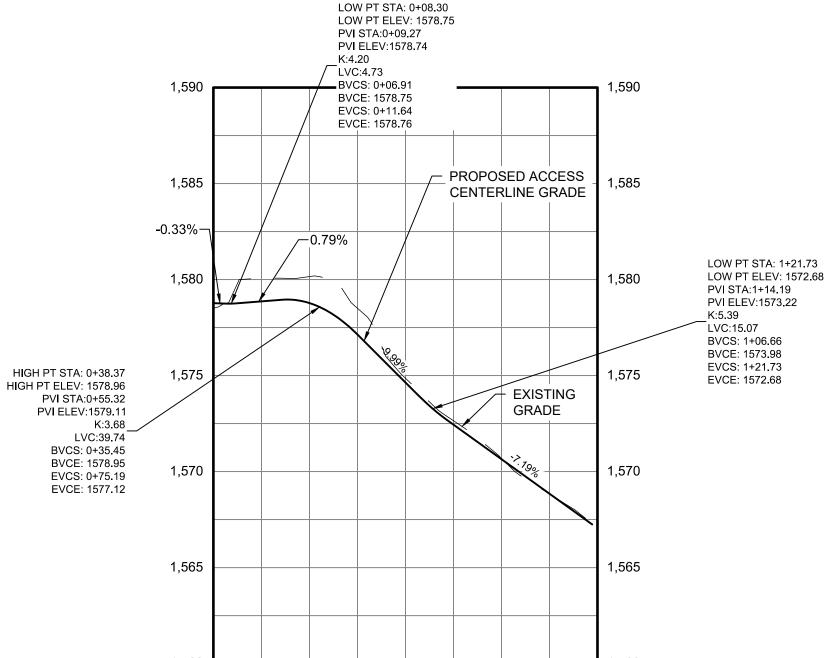
AR 36 - LAT 3 - STATION 0+00.00 TO 2+06 PLAN



SCALE: 1" = 50'

ACCESS ROAD 36 CUT REQ'D: 1197 CY FILL REQ'D: 600 CY NET: 597 CY [CUT]

CUT/FILL VALUES INDICATED ARE A COMPARISON OF EXISTING GRADE TO THE PROPOSED DESIGN GRADE. VALUES DO NOT FACTOR OUT ACCESS ROAD FINAL SURFACING OR TOPSOIL STRIPPING/RE-APPLICATION.



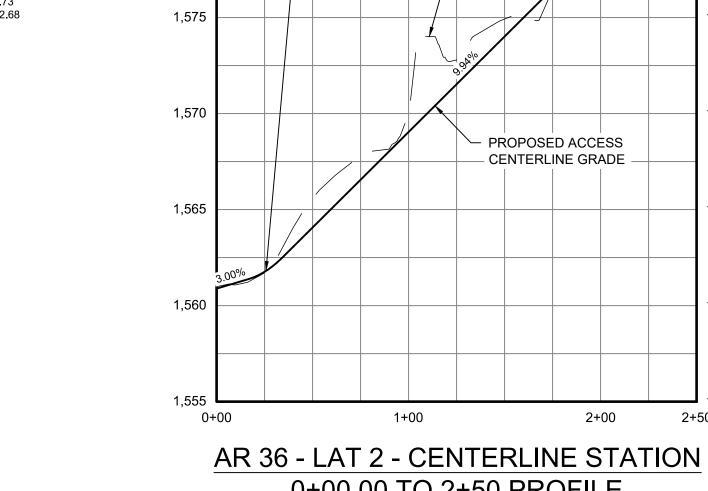
AR 36 - LAT 1 - CENTERLINE STATION

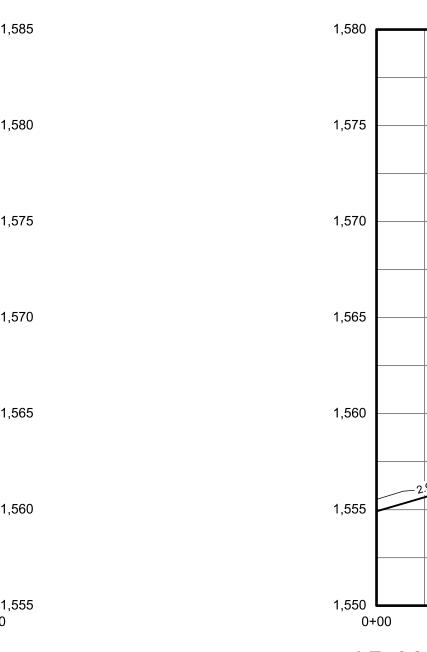
0+00.00 TO 2+00 PROFILE

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SCALE: 1" = 50'

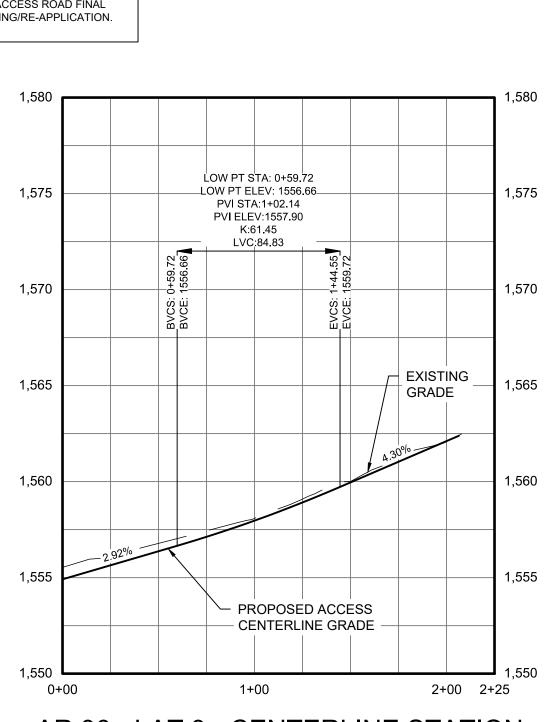




AR 36 - LAT 3 - CENTERLINE STATION 0+00.00 TO 2+45 PROFILE

HORIZONTAL SCALE: 1" = 50'





PRELIMINARY NOT FOR CONSTRUCTION REPLACE WITH **ENGINEERS STAMP** AT CONSTRUCTION AND/OR FABRICATION

Legend

----UGE------UGE------

.._.

 $\times\!\!\times\!\!\times\!\!\times\!\!\times\!\!\times\!\!\times\!\!\times$

— — 1300 — —

DRAWING NUMBER DRAWING NUMBER

07/14/2021 JSD

MOTT

MACDONALD

Rev Date

PROFILE LEGEND

PROPERTY LINES

PROPERTY LINE SETBACKS PROPOSED PERIMETER FENCE PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR PROPOSED OVERHEAD LINE PROPOSED UNDERGROUND LINE

PROPOSED ACCESS ROAD

WETLANDS - NYSDEC JURISDICTIONAL

STREAMS - NYSDEC JURISDICTIONAL FEDERAL WETLANDS/STREAMS -

WETLANDS/STREAMS - SETBACK

PROPOSED LANDSCAPE AREAS EXISTING VEGETATIVE BUFFER

PROPOSED FOR SCREENING OCCUPIED RESIDENCES

EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR

LIMITS OF DISTURBANCE STORM/PIPE CULVERT

(SEE ELECTRICAL)

(SEE ELECTRICAL)

GAS WELLS

BORE PITS

EXISTING GRADE PROPOSED GRADE

ISSUED FOR 94C

01/29/2021 RCB ISSUED FOR REVIEW

Drawn Description

SOUTH RIPLEY SOLAR

CIVIL ROAD & GRADING

AR 36 PLAN & PROFILE

SHEET 3 OF 3

ISSUED FOR REVIEW

ROCK FILTER OUTLET

DRAWING SHEET MATCH LINE

OCCUPIED RESIDENCE SETBACK

EXISTING GAS LINE & EASEMENT

PROPOSED INVERTER PAD LOCATIONS

PROPOSED JUNCTION BOX LOCATIONS

KW

KW

Mott Macdonald NY Inc.

111 Wood Avenue South Iselin, NJ 08830-4112

T +1 (973) 379-3400

F +1 (973) 376-1072

www.mottmac.com

United States

NJM

KW NJM

Ch'k'd App'o

WETLANDS - FEDERAL

STREAMS - FEDERAL

SOLAR MODULES

SETBACK

SILT FENCE

Designed MU Eng check RCB Drawn Approved Scale at ANSI D Date Rev AS SHOWN 07/14/2021 **Drawing Number**

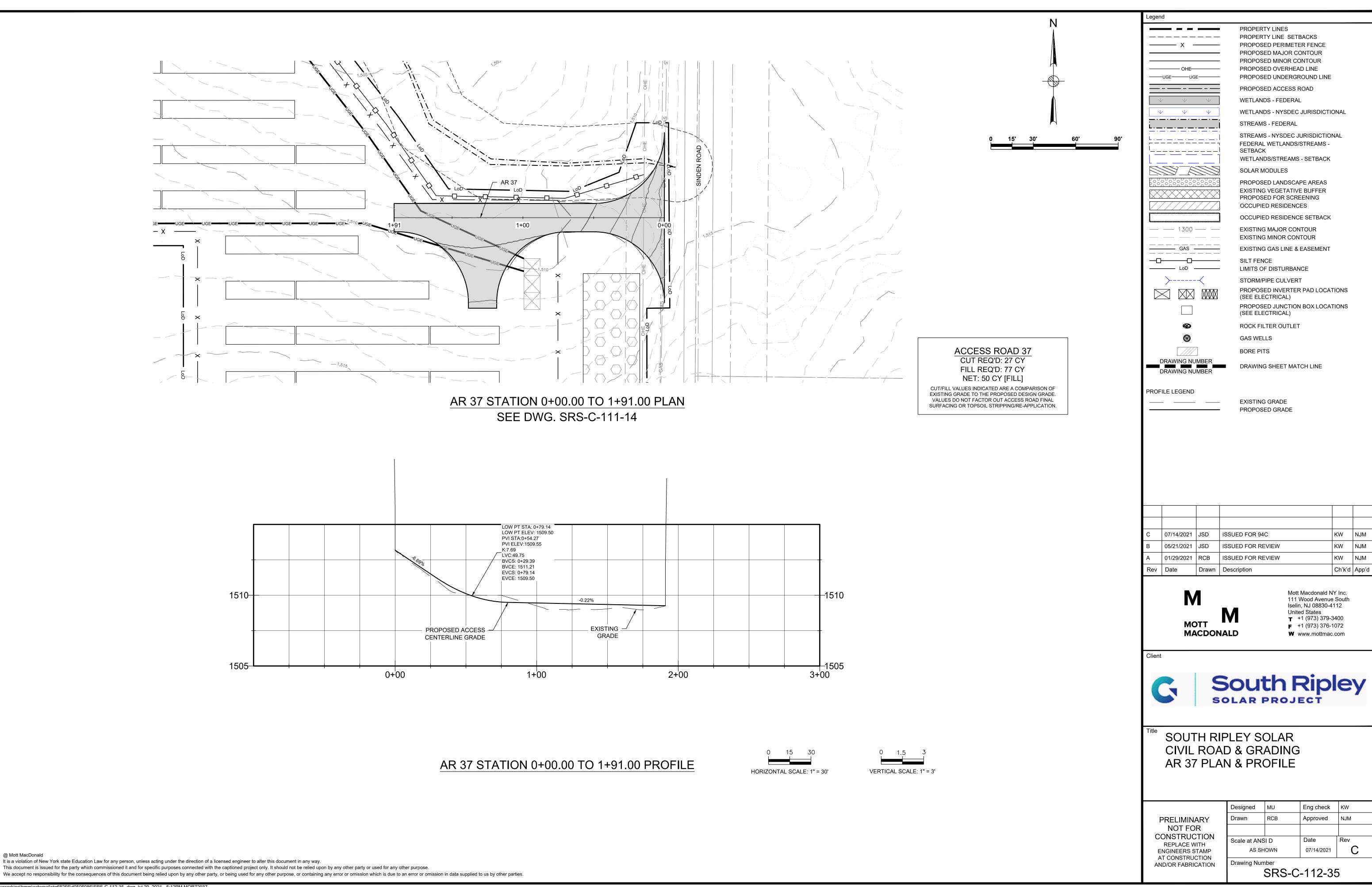
SRS-C-112-34B

South Ripley

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orking\hmm\external\stg68256\d0506086\SRS-C-112-34.dwg Jul 29, 2021 - 4:59PM MOR729

@ Mott MacDonald



E. Agency Consultations and Documentation

F. Stormwater Construction Site Inspection Form

(completed forms and documentation to be retained in this Attachment)

MURK 6	
(12/19)	

JOB STAMP

SPDES STORMWATER INSPECTION REPORT

Date:

					Day of Week:	SMT	WTFS
					Sheet No.	_ of	
						AM	PM
					Weather		
					Temperature	°F	°F
					Soil Condition		
Cor	s form is to be used on construction Activity. The constructors.			-			_
	ason for this	☐ 7-ca	alendar da	ay inspection	☐ 30-day insp	ection (tempora	ary shut-down)
Ins	pection:	1 1	-	•	7 calendar day po ect site within TM		
(2) s draii exits (17)	les for Erosion and Sediment seed and mulch, (3) check dams ns, (9) drainage structure inlet ps, (13) temporary catch basin instaging area, (18) stockpile state Other	s, (4) sedin rotection, serts, (14)	nent filter lo (10) rolled e water diver	gs, (5) silt fence erosion control p sion structures, ((6) sediment trap, (7 roducts, (11) soil stab (15) infiltration/biorete	7) turbidity curtains, pilizers, (12) constru	(8) pipe slope uction entrances/
prac	s of the inspection. Attach COLetice(s) after completion of the confirme after the inspection.						
			41				
	Location of Practice (Use stations or descriptions)		actice			escribe Specific	
ID	Location of Practice (Use stations or descriptions)	Pra Code #	Temp or Perm?		Maintenance R sediment rem	escribe Specific Required)(Including oval, replacement, estallation of practic	e)
1D			Temp or Perm?		Maintenance R sediment rem	Required)(Including oval, replacement,	e)
			Temp or Perm?		Maintenance R sediment rem	Required)(Including oval, replacement,	e)
1			Temp or Perm?		Maintenance R sediment rem	Required)(Including oval, replacement,	е)
1 2			Temp or Perm?		Maintenance R sediment rem	Required)(Including oval, replacement,	e)
1 2 3			Temp or Perm?		Maintenance R sediment rem	Required)(Including oval, replacement,	e)
1 2 3 4			Temp or Perm?		Maintenance R sediment rem	Required)(Including oval, replacement,	e)
1 2 3 4 5			Temp or Perm?		Maintenance R sediment rem	Required)(Including oval, replacement,	e)
1 2 3 4 5 6			Temp or Perm?		Maintenance R sediment rem	Required)(Including oval, replacement,	e)
1 2 3 4 5 6 7			Temp or Perm?		Maintenance R sediment rem	Required)(Including oval, replacement,	e)

MUDIZ 6 DEVEDSE

Location of Practice Practice (Use stations or descriptions)		actice		scribe Specific		
)	(Use stations	or descriptions)	Code #	Temp or Perm? (T or P)	sediment remo	equired)(Including val, replacement, stallation of practice)
2						
3						
4						
5						
le k	ntify all loca es, wetlands ts the consti	tions where , etc.) within ruction site.	stormw or adja Descri	vater is dis acent to th be the cor	as and areas stabilized since the charged from the site to a Wale limits of construction, and addition of the stormwater and truation as necessary.	ater of the U.S. (e.g. strea all locations where storm
	Location of Outlet (STA / OFFSET)	Type of Outlet (e.g. pipe, ditch, over flow,etc.)	erland	Does this discharge Water of the US	Describe Runoff (if any) (e.g. clear, turbid, oily)	Describe Receiving Water (if any) (e.g. clear, turbid, oily, unknown)
1						
2						
3						
_						
ves Ve	re significant des, complete a	eficiencies ider	ntified the PPP Revusial through the swithin 1 bis swithin	at require the rision Form a contract usiness day of no	e, was NYSDEC advised? (Form Hoor each location using row ID number the support of the support o	from front No ice equired. The Contractor(s) or identified
Cor	alified Inspector mpany Name (If					
nsp	lified ector ature:				Prepared:(Pata)	Copy to Contractor:
					(Date) Engineer-in-Charge	(Date)
₹e	viewed By:				Resident Engineer Area Supervisor	Date Reviewed:(Date)

	IURK 6-1			
	(04/14) SPDES ST B STAMP	ORMV	/ATER	NSPECTION REPORT - CONTINUATION
				Date: Sheet No of
an str pro (1)	d mulch, (3) check dams, (4) structure inlet protection, (10) rolle otection, (14) water diversion street. 9) Other	raw bales, ed erosion ructures, ((5) silt fend control pro 15) sedime	and Stormwater Management Practices to be inspected: (1) mulch, (2) seed te, (6) sediment trap, (7) turbidity curtains, (8) pipe slope drains, (9) drainage ducts, (11) soil stabilizers, (12) construction access/exits, (13) pipe inlet/outlet ntation basins, (16) coffer dams, (17) staging area, (18) stockpile stabilization, air, maintenance, reinstallation or replacement.
	Location of Practice (Use stations or descriptions)		actice	Remarks (Describe Specific Maintenance Required)(Including
ID	(Ose stations of descriptions)	Code #	Temp or Perm? (T or P)	sediment removal, replacement, replacement or installation of practice)
16				
17				
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24				
25				
26				
27				
28				

MURK 6-1 REVERSE (04/14)

	Location of Practice	Practice		Remarks (Describe Specific
ID	(Use stations or descriptions)	Code #	Temp or Perm? (T or P)	Remarks (Describe Specific Maintenance Required)(Including sediment removal, replacement, replacement or installation of practice)
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
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_				
	Naitilei II	Inspector	Initiale	
	ruaillicu	HISDECTOL	nnuais	

MURK 6-2	
(11/14)	

Date:	Sheet No.	
Dale.	SHEELING.	ΩT

SPDES STORMWATER OUTLETS TO WATERS OF THE U.S. - CONTINUATION

Identify all locations where stormwater is discharged from the site to a Water of the U.S. (e.g. streams, lakes, wetlands, etc.) within or adjacent to the limits of construction, and all locations where stormwater exits the construction site. Describe the condition of the stormwater and the condition of the receiving waterbodies.

	Location of Outlet (STA / OFFSET)	Type of Outlet (e.g. pipe, ditch, overland flow,etc.)	Does this discharge to a Water of the US?	Describe Runoff (if any) (e.g. clear, turbid, oily)	Describe Receiving Water (if any) (e.g. clear, turbid, oily, unknown)
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Description of required maintenance and any existing deficiencies in the SWPPP. Specify each location using row ID number, if applicable

Were significant deficiencies identified that require the SWPPP to be revised: \square Yes \square No If Yes, complete a CONR-8 SWPPP Revision Form and file in the Engineer's Field Office

G. Plan Amendment Form

(completed forms and documentation, if applicable, to be retained in this Attachment)

CONR	8
(03/14)	

SPDES STORMWATER POLLUTION PREVENTION PLAN (SWPPP) REVISION

01	-	_		_	_	2000	
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V!		α			u		

JOB STAMP		Date:	
		Day of Week: S M	TWTFS
		Sheet No of	_
This form is to be used when re- required by <u>SPDES General Per</u> form must be filed in the Enginee	mit for Stormwater Dischar		
Reason for the Revision(s):	Revision(s) were reque	ested by NYSDEC:	Yes No
B 'l (l B ' (-) ((l	CIMPER		
Describe the Revision(s) to the	SWPPP:		
*			
Engineer-in-Charge Signature:			
Engineer in enarge eignature.			
EICs Name & Title:			
	Make Form Read-Only (Ca	annot be undone)	
Date Completed:	Print Form		Copy to ntractor:

H. Contractor and Subcontractor Certifications

(completed Certifications to be retained in this Attachment)

CONR 5 (10/19)

Contractor / Subcontractor SPDES Permit Certification

Contract No.:	PIN:	
Description:		
Town, Village, City:		
County:		
Check Applicable Box:	☐ Prime Contractor ☐ Subcontractor	
Name of Contractor/ Subcontractor:		
Address:		
City:	State: ZIP:	
Phone:		
Core Pay Item Groups for which t 209, etc.):	he Contractor/Subcontractor will be responsible (e.g. 203, 207,	
requires the Prime Contractor and subco Plan (SWPPP), the General Permit cond signed prior to performing any contract w	General Permit for Stormwater Discharges from Construction Activities intractors to certify they understand the Stormwater Pollution Prevention itions, and their responsibilities for compliance. The certification must be rork. The certification shall be signed by an Owner, Principal, President, ordance with the signature requirements of 102-05 <i>Proposal Submission</i>	
SWPPP and agree to implement any corre I also understand that the owner or operate of the New York State Pollutant Discharge from construction activities and that it is unstandards. Furthermore, I am aware that the	understand and agree to comply with the terms and conditions of the ctive actions identified by the qualified inspector during a site inspection. For must comply with the terms and conditions of the most current version Elimination System ("SPDES") general permit for stormwater discharges lawful for any person to cause or contribute to a violation of water quality ere are significant penalties for submitting false information, that I do lity of fine and imprisonment for knowing violations."	
Signature:	Date:	
Name:	Title:	
performing earthwork or soil-disturbing act responsible for implementing the SWPPP and disturbance activities. These activities include and installation and maintenance of Erosion & NYSDEC-endorsed Erosion & Sediment Control Professional Engineer, registered licensed Land	re SPDES General Permit also requires the Prime Contractor and all subcontractors ivities to identify at least one trained individual from each company who will be who shall be on-site on a daily basis when the company is performing soil clearing, grubbing, grading, filling, excavation, stockpiling, demolition, landscaping, Sediment Control practices. Training must consist of 4 hours of old Training every 3 years. (Training is not required if the individual is a licensed descape Architect, or CPESC.) Provide the information below for trained individuals implementation on this Contract (attach a separate sheet if needed for additional	
Trained Individual Name/Title:		
Name of Training Course:		
Trainee Number:	Date of Training:	
Trained Individual Name/Title:		
Name of Training Course:		
Trainee Number:	Date of Training:	

I. Stormwater Calculations and Exhibits

