

Meeting Notice

TO: Board Members

FROM: Andrew Santillo

DATE: June 8, 2021

RE: Planning Board Meeting

The regular meeting of the Montgomery County Planning Board is scheduled for <u>Thursday</u>, <u>June 10</u>, <u>2021 at 6:30 p.m.</u> at the Montgomery County Business Development Center, 9 Park Street, Fonda, NY.

There will also be a digital option to view the meeting via Zoom teleconference.

To join the meeting from your computer, tablet or smartphone:

Zoom Meeting ID: 899 574 5359

Password: 081958

You can also dial in using your phone:

Dial: 646-558-8656

Enter Meeting Information: 8995745359#, 1#, 081958#

Please call Andrew at (518) 853-8334 between 8:30 a.m. and 4:00 p.m. if you have any questions.

cc: The Recorder

Montgomery Co. Legislature

DPW

The Leader Herald Daily Gazette



MONTGOMERY COUNTY PLANNING BOARD MEETING

Thursday, June 10, 2021

6:30 PM – Montgomery County Business Development Center, 9 Park Street, Fonda, NY (Digital Meeting option via Zoom)

- I. Pledge of Allegiance
- II. Role Call
- III. Adoption of Agenda
- IV. Approval of previous meeting minutes
- V. Public comments on agenda items (3 minute limit per person)
- VI. Town of Amsterdam Site Plan Review
- VII. Town of Glen Special Use Permit
- VIII. Town of Mohawk Site Plan Review
- IX. Any other business

Montgomery County Planning Board Meeting Minutes May 13th, 2021 (digital meeting via Zoom)

MEMBERS PRESENT:

STAFF MEMBERS PRESENT:

Wayne DeMallie, Chairman Ronald Jemmott, Member Irene Collins, Member David Wiener, Member Erin Covey, Member Mark Hoffman, Vice Chairman Betty Sanders, Alternate Alex Kuttesch, Senior Planner Karl Gustafson Jr., Grant Assistant Andrew Santillo, Economic Dev. Assistant

ABSENT:

Doug Stahura, Member Angela Frederick, Member John Lyker, Member

OTHERS PRESENT:

Doug Cole- Prime AE Tim Riley- Town of Glen Devin Dal Pos- Town of Amsterdam Project Lamont Engineers

I. Call to Order

The meeting was called to order by Chairman Wayne DeMallie at 6:31 p.m.

II. Roll Call

The roll call of board members was done by Chairman DeMallie.

III. Adoption of the Agenda

Betty Sanders made a motion to accept the agenda, Erin Covey seconded. All members present were in favor.

IV. Approval of Previous Meeting's Minutes

David Wiener made a motion to accept previous meeting minutes, Mark Hoffman seconded the motion. The previous minutes were approved.

V. Public Comment

There was no public comment.

VI. Town of Amsterdam- Site Plan Review

Alex Kuttesch explained to the board that this referral is for retail space on State Highway Route 30 in the Town of Amsterdam. It will contain a Popeye's, Chipotle, Urgent Care, and a bank.

David Wiener mentioned that the referral wasn't signed by the Town of Amsterdam, but we reassured him that Darlene from the Town had sent it to us and that Karl and Alex will get it signed and returned to the board.

Irene Collins asked if they will be adding another traffic light to the Route 30 Corridor. Devin Dal Pos the applicant for the project stated that they will be adding a lights to the current traffic light at the Walmart intersection. The road will go between this project and Amsterdam Commons. The road will continue down and connect to the road from Golf Course road that comes into Amsterdam Commons currently. Irene was very concerned with the traffic. Devin explained that the property levels out when you get up to the light at Walmart and that it doesn't drop off the hill like Amsterdam Commons entrance does. Irene Collins asked if there was a traffic study done for this project. Devin said the company supplied information to DOT and they came back with no concerns with traffic.

Erin Covey made the motion to approve the referral, seconded by Ron Jemmott. All were in favor.

The referral was approved.

VII. Town of Minden- Zoning Change

Alex Kuttesch stated that this referral is a zoning amendment for the solar law in the Town of Minden. Currently they allow community solar less than 20 megawatts and with proper setbacks. This amendment is prohibiting solar above and below 20 megawatts, which basically means that you can have solar panels on your homes or in your yard but commercial solar projects will be prohibited with this amendment.

Mark Hoffman made the motion to approve the referral, seconded by David Wiener. All were in favor.

The referral was approved.

VIII. Town of Glen- Site Plan Review

Alex Kuttesch explained to the board that this referral is for an expansion project to the Western Supreme Buddha Temple. They will be adding three new buildings including a welcome center off of Route 5s, a pavilion and a new road that will connect the site to the current location. Alex brought up the FOIL request from the Kateri Shrine. Alex stated that this FOIL request is for some of the documents that they had questions on and wanted to see those documents, also the process of their public hearings as well.

A representative from Lamont Engineers stated that this will be an expansion project of the Buddha Temple and the land was purchased from the Shrine. He stated that some of the buildings will be fairly tall and the Town Code Enforcement Officer wanted this to come for Site Plan Review and Special Use Permit. They have done some preliminary site layout, a preliminary design for the waste water systems, preliminary layout of the site utilities and storm water treatment for the site.

David Wiener asked if the FOIL letter is correct in saying that everything just mentioned is all preliminary and the Shrine wants to make sure that these things are addressed and that the engineers sign off on these things before the county votes on the referral. Lamont engineers stated that yes it is preliminary but they have been moving forward but DEC gave a response back about the SEQR, the town engineers have signed off on the site plan and have addressed all of their concerns.

Wayne DeMallie asked about a second entrance. Lamont stated that they have been working with DOT for a road off of Route 5s east of the bridge before the Thruway.

Doug from Prime AE stated that they have been waiting for some outstanding things that needed to be addressed in the spring that couldn't be done in the winter time. Some of those include the storm water prevention plan and some site testing samples.

Erin Covey asked if any archeological sites will be impacted during this project. Lamont Engineers stated that SHPO has stated that there will be no impact of those locations. When the project is close to a historic site, such as the Schoharie Crossing site and the canal, SHPO requires that they get sign off from them before future work is started.

Alex Kuttesch stated that from a planning perspective this project falls into what that area is being used for, and that it is similar to the Shrine which is next door to the project. They meet the zoning requirements in the Town of Glen. Alex thinks this project has met all of the requirements at the planning level that needs to be done. He stated that it is important that everything that is brought up in the FOIL letter is addressed and alleviates any concerns.

Tim Riley from the Town of Glen stated that there will be conditions on the Town approval during the construction phase of the project regarding the concerns included in the FOIL request.

Irene Collins asked how much more traffic there will be with the new buildings. Tim Riley stated that they can address DOT about any traffic impacts from the project. Alex Kuttesch stated that there have been plenty of traffic studies done on Route 5s in the past due to the construction of the distribution centers in the corridor up the road from the site and the studies have come back stating that the capacity of the road isn't close to full capacity. Lamont Engineers stated that they plan on adding only 44 new parking spots so the influx of people will not be enough to cause any traffic impact. Lamont Engineers also stated that most of the traffic won't be on Route 5s but it will be off of Ripley Road.

Mark Hoffman made the motion to approve the referral with conditions that they follow up with what has been address in the FOIL request, Erin Covey seconded the motion. All were in favor.

The referral was approved.

IX. Town of Mohawk- Site Plan Review

Alex Kuttesch explained that this project is located in the Town of Mohawk. This is a site plan review for a future fire house for the Town Fire Department.

Mark Hoffman stated that they had multiple public hearings about the project. The only small concern that was brought up at the meetings was the access to the fire department to Route 30a. Mark stated that there is a study being done by Dot and there will be warning lights at the entrance of the Fire House. Betty Sanders asked what will happen to the old fire house, Mark stated that the Town will be trying to sell it after the project is completed.

Erin Covey made the motion to approve the referral, seconded by Irene. Mark Hoffman abstained. All were in favor.

The referral was approved.

X. Other Business

There was no other business.

XI. Adjournment

Irene Collins made a motion to adjourn the meeting at 7:30 p.m., seconded by Mark Hoffman. All were in favor.

Respectfully submitted,
Voul Costofoon In
Karl Gustafson Jr.
Economic Development Grant Assistant

REFERRAL FORM MONTGOMERY COUNTY PLANNING BOARD

Referral Number

assigned by the MCPB upon
acceptance of referral for review

This Referral must be received SEVEN CALENDAR DAYS prior to the MCPB meeting date in order for it to be placed on the agenda.

Town of Amsterdam

TO: Montgomery County Planning Board, Old County Courthouse, PO Box 1500, Fonda, New York 12068 Phone: 518-853-8334 FROM: Municipal Board: Planning Board Referring Officer: Secretary Mail original resolution to: Town of Amsterdam Town Office 283 Manny's Corner Rd
Fax: 518-853-8336 Amsterdam N.Y. 12010
Joseph Giardino 1. Applicant: Rose Industries 2. Site Address: 115 Maple Ave. Amsterdam N.Y. 12010
3. Tax Map Number(s): 251-10.2 4. Acres: 6.3
5. Is the site currently serviced by public water? Yes No
6. On-site waste water treatment is currently provided by: [Public Sewer or X Septic System
7. Current Zoning: B-1 8. Current Land Use: Vacant
9. Project Description: Construct 4 self storage units. 3 units 30 by 150ft
1 unit 20 by 150 ft.
10. MCPB Jurisdiction:
Text Adoption or Amendment Site is located within 500' of:
a municipal boundary.
a State or County thruway/highway/roadway
an existing or proposed State or County park/recreation area
an existing or proposed County-owned stream or drainage channel a State or County-owned parcel on which a public building or institution is situated
a farm operation within an Agricultural District (Incl. Ag data Statement) (does not apply to area variances)
11. PUBLIC HEARING: Date: not set yet Time; Location:
•
Referred Action(s) If referring multiple, related actions, please identify the referring municipal board if different from above.
12, Text Adoption or Amendment Referring Board:
Comprehensive Plan Local Law Zoning Ordinance Other
13. Zone Change Referring Board:
Proposed Zone District: Number of Acres:
Purpose of the Zone Change:
14. X Site Plan Project Site Review Referring Board: Planning Board
Proposed Improvements:building_storage_units_on_vacant_land
Proposed Use: storage units
Will the proposed project require a variance?
Specify:
Is a State of County DOT work permit needed? If Yes: State or County No
Specify:

15. X Special Permit	Refe	erring Board:		
Section of local zoning code that requires a speci	al permit for this	s use: <u>Sched</u>	ule A	
Will the proposed project require a variance?	Yes	X No	Type: 🔲 Area	Use
16. Variance	Ref	erring Board:		
☐ Area ☐ Use				
Section(s) of local zoning code to which the vari	ance is being so	ught:		
Describe how the proposed project varies from t	he above code se	ection:	· · · · · · · · · · · · · · · · · · ·	
	,			
	SEQR Determ	mination .		
Action:	Finding:			
☐ Type I		Positive	Declaration - Draft EIS	3
☐ Type II		Condition	onal Negative Declaration	on
Unlisted Action		☐ Negative	e Declaration	
Exempt	, ,	☐ No Find	ing (Type II Only)	•
SEQR determination made by (Lead Agency)	: not deter	·	Date:	· · · · · · · · ·
Send 3 copies of a "Full Statement of the Pro				
All materials required by and submitted to the re				
 If submitting site plans, please submit o 	nly 1 large set of	f plans, and 12 11	x17 packets.	
 All material may be submitted digitally planning-board-referrals/ 	as well at <u>http://</u>	www.mcbdc.org/	planning-services/mont	gomery-county-
This referral, as required by GML §239 1 and Montgomery County Planning Board (MCPB) Body within thirty days of receipt of the Full St	in its review. R	omplete informat Lecommendations	ion, and supporting ma by MCPB shall be ma	sterials to assist the
Darlane Thebodeson Name, Title & Phone Number of Person Completing Secretary Planning Re				5 2 \ nittal Date
518.842-1217				

This side to be completed by Montgomery County Planning.

REFERRAL FORM MONTGOMERY COUNTY PLANNING BOARD

TO:					
Montgomery	239-m referral is acknowledged on County Planning Board has reviev and makes the following	ved the proposal stated	Please on the	be advised the opposite side	hat the of this
	Approves				
	Approves (with Modification)				,
	Disapproves:				
	No significant County-wide or int	er-community input			
	Not subject to Planning Board revi	ew			
	Took no action				,
	m of the General Municipal Law red is taken; a report of the final action sl				ı by the
Date	· - 	Kenneth F, Rose, Di Montgomery County Development and Pl	Dept.	of Beonomic)

Application #: 2021 - 022

Date: 03- 4-2021

Town of Amsterdam Planning Board Application to the Planning Board

A completed Application must be i	filed at least	fourteen (14) days prior to the me	eting at which it i
to be considered by the Planning Bo	oard, includi	ng all applicable attached informat	tion.
ROSE Industry Applicant: Joseph TGIARD	r) os		
(must be property owner)		Applicant's Representative:	
Address: 550 McKry R		if applicable)	
A 1 0 - mil	<u>U</u>	Address:	
Amsterdan n.y,	2010		_
Phone: () 518 -669-815	-12	hone: ()	
Professional Advisor:	_ (Other:	
(i.e. Engineer, Architect, Surveyor) etc.)	(i	Other: f appropriate, please specify)	
Address: Chris Foss	<i>A</i>	Address:	
		•	
Phone: () 518-762-99	197 P	hone: ()	•
Property Location	a	Λ	
Address: // / /	MAple	HVe	
Address: $\frac{15}{A}$	neterla	n 11 /2010	
	.,2,70.	72	
Zoning District;	-		
Tax Parcel ID # (SBL)	2	51-10.2	
Type of Application (please check :	appropriate	e box(s)):	
☐ Subdivision			
M Site Plan			
Special Use Permit Odd	0	40.10	
, ,	1	, ·	
☐ Planned Unit Development	Review (for	mal action required by Town Boar	rđ)
Attached please find Appendix A-SEQ	R complianc	e and Annendiv R_A a Data Statam	ant compliance
Compliance with these items is require	d under the	applicable NYS Laws a brief explan	ioni compnance. Istion is included
n the appendices to assist the applicant	t. For specifi	es on submission/application require	ements
rocedures, time frames, etc., the applic	cant should 1	refer to the applicable Town regulati	ons (Zoning
ubdivision, etc.) and/or NYS law (SE	QR, Ag, & M	Aarkets, General Municipal, etc.).	(
1111101	11.	1	
JUN Jum 3	3 24 20 ²		
ppucant I	Date	Applicant's Representative	Date

Short Environmental Assessment Form Part 1 - Project Information

Instructions for Completing

Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 - Project and Sponsor Information		
Name of Action or Project: Best Value storage Project Location (describe, and attach a location map):		
Project Location (describe, and attach a location map): 115 MAPLE Ave Amsterdum 7] 12010 (That was	site Appr	and
Project Location (describe, and attach a location map): 15 MAPLE Ave Amsterdum 7] 12010 (That was Brief Description of Proposed Action: H Buld Proposed 30/150FT 1 20/160 FT for Felf Exact Bldg Like Approved on RT 67	: 5T2	rye
Name of Applicant or Sponsor: Telephone: 518-669-81	54	
Joseph T GIARDIM/Rose Industries E-Mail: Ishamorado-Jose	<u> </u>	
Joseph T GIARDIM/Rose Industries E-Mail: Is Lamora do Joseph Address: 550 MCKAY RO	SOUTH	» Nol
City/PO: State: Zi	p Code:) 2010	,
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation?	NO	YES
If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.	X	
2. Does the proposed action require a permit, approval or funding from any other governmental Agency?	NO	YES
If Yes, list agency(s) name and permit or approval:	区	
3.a. Total acreage of the site of the proposed action? b. Total acreage to be physically disturbed? c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 1 1 2 2 3	,	:
4. Check all land uses that occur on, adjoining and near the proposed action. Urban		7 A PROCESSION AND A STATE OF THE STATE OF T

18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)?	NO	YES
If Yes, explain purpose and size:	N-A	ļ ₁
	X	
19. Has the site of the proposed action or an adjoining property been the location of an active or closed	NO	YES
solid waste management facility?	NO	IES
If Yes, describe:		
· · · · · · · · · · · · · · · · · · ·	211	
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or	NO	YES
completed) for hazardous waste? If Yes, describe:	74	
I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE F KNOWLEDGE	BEST O	FMY
Applicant/sponsor name: Rose Industries / Joseph T GIADDING Date: 3/24/8027		
Signature: Aft 1 Km		

Agen	cy Use Only [If applicable]
Project:	
Date:	
	<u></u>

Short Environmental Assessment Form Part 3 Determination of Significance

For every question in Part 2 that was answered "moderate to large impact may occur", or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Bach potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts.

Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action may result in one or more potentially large or significant adverse impacts and an environmental impact statement is required.				
Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action will not result in any significant adverse environmental impacts.				
Name of Lead Agency	Date			
Print or Type Name of Responsible Officer in Lead Agency Title of Responsible Officer				
Signature of Responsible Officer in Lead Agency	Signature of Preparer (if different from Responsible Officer)			



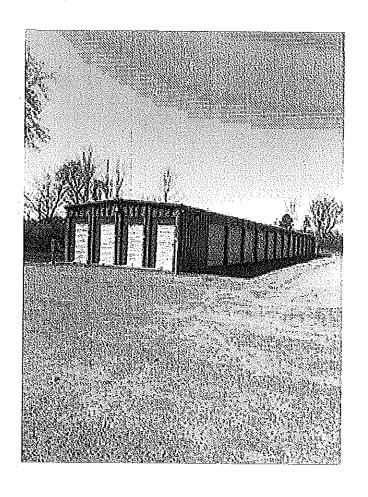
TOWN OF AMSTERDAM

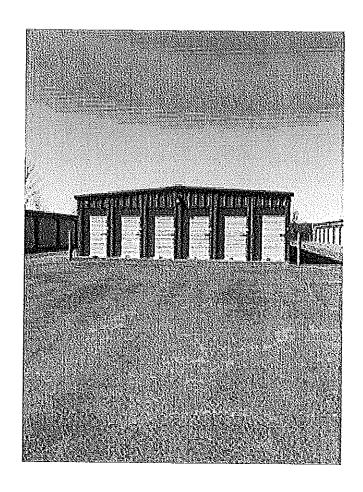
283 Manny's Corner Road Amsterdam, NY 12010

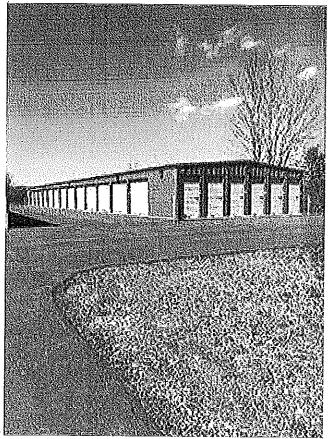
Phone: 518-842-7961 o Fax: 518-843-6136

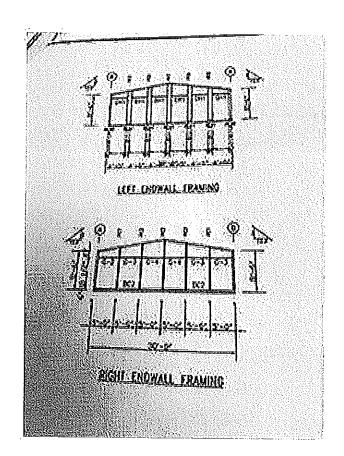
www.townofamsterdam.org

APPLICATION R	OR ZONING/USE PERMIT
APPLICATION #: 2021 23/21 APPLICATION #: 2021	FEE PD: 026 00 TAX MAP NO.: 251-10.2
1.) PROPERTY/BUILDING LOCATION:_	115 MAPLE AVE Amsterdu ny 12010
2.) PROPERTY OWNER'S NAME: ROSE ADDRESS: SSO Mc EDY RO	**************************************
LI RESIDENTIAL LI 1 FAMILY LI 2 FAMILY LI 2 FAMILY LI MULTIPLE COMMERCIAL RENOVATION, ALTERATION, CONVERSION LI RESIDENTIAL	MOBILE HOME INSTALLATION MODULAR HOME INSTALLATION GARAGE ATTACHED GARAGE ACCESSORY BUILDING/STORAGE SHED CHIMNEY CONSTRUCTION SOLID FUEL BURNING DEVICE STOVE INSERT POOL IN GROUND ABOVE GROUND SEPTIC SYSTEM WELL GOTHER: STORAGE HOME OCCUPATION UNDER OCCUPATION SOLAR COLLECTORS + INSTALLATIONS WIND ENERGY FACILITIES OTHER: STORAGE HOME OCCUPATION UNIT DEVELOPMENT UNIT DEVELOPMENT WENDER OCCUPATION UNIT DEVELOPMENT
4.) THE FOLLOWING DESCRIPTION OF THE US IS SUBMITTED: 4 BLOG No etc.	SEFOR THIS PROPERTY, FOR WHICH APPLICATION IS MADE HEREWITH, STOYOGE BLOG- 20/150 3/150
A.) DIMENSIONS OF LOT: FRONTAGE	NGED AS A RESULT OF THIS CONSTRUCTION? II YES OR X NO PLOT PLAN N/A

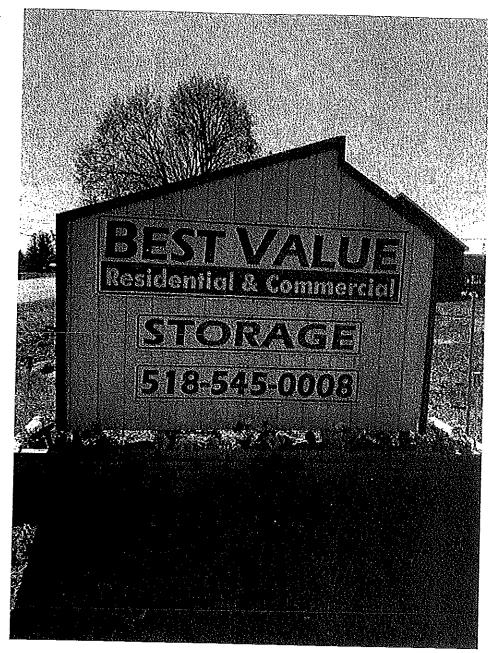








Building height not to exceed 12 feet



Height SFT 6"

9FT 6"

l

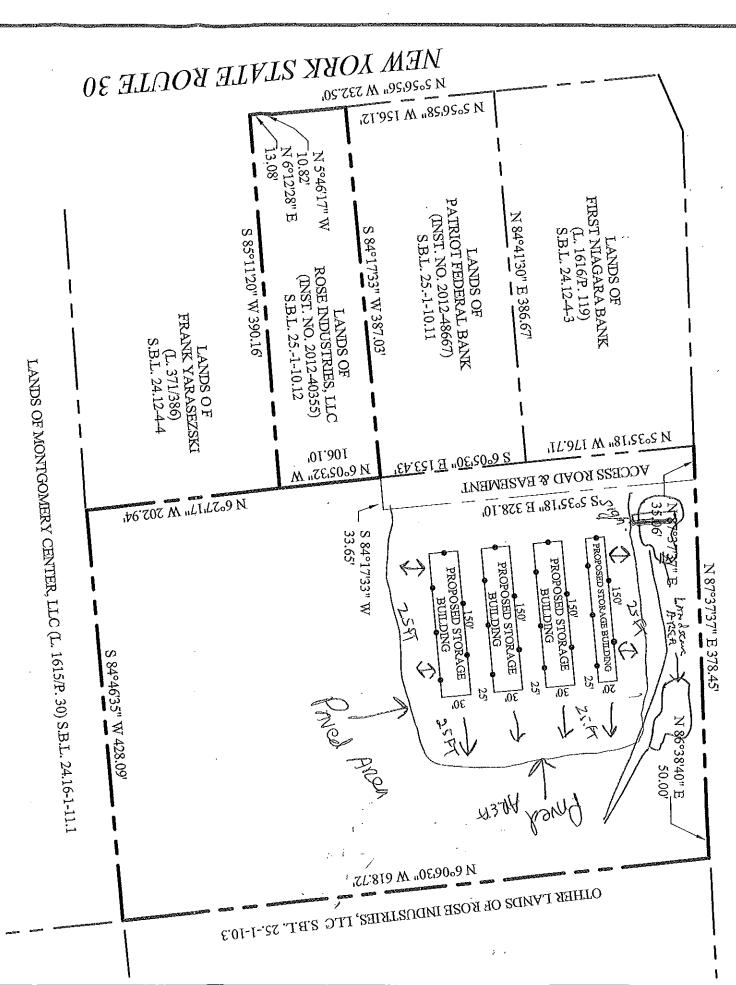


PROPERTY LINES AS SHOWN WERE PLOTTED FROM "SUBDIVISION PLAT LANDS N/F GIARDIDO" BY INGALLS & ASSOCIATES, LLP DATED APRIL 30, 2008

INDICATES LIGHT ON BUILDING



MAPLE 7 VENUE EXTENSION (COUNTY ROAD 39)



PROPOSED SITE PLAN FOR LANDS OF

ROSE INDUSTRIES, LLC

BEST VALUE STORAGE

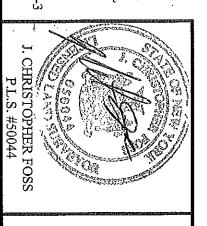
TOWN OF AMSTERDAM COUNTY OF MONTGOMERY STATE OF NEW YORK

SCALE: 1" = 100'

MARCH 19, 2021

S.B.L. REFERS TO SECTION-BLOCK-LOT NUMBER AS FOUND IN FULTON COUNTY REAL PROPERTY TAX SERVICE ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY WITH AN ORIGINAL OF THE LAND SURVEYOR'S SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 72 OF THE NEW YORK STATE EDUCATION LAW. SECTION 7209-3



PROFESSIONAL LAND SURVEYORS, PC P.O. BOX 356~JOHNSTOWN, NY 12095 518~762~9997 EMAIL: fergusonandfoss@frontiernet.net FERGUSON & FOSS

REFERRAL FORM

MONTGOMERY COUNTY PLANNING BOARD

Referral Number_____

assigned by the MCPB upon acceptance of referral for review

This Referral must be received SEVEN CALENDAR DAYS prior to the MCPB meeting date in order for it to be placed on the agenda.

Old County Courthouse	Propring Officer Oct. 1141 Propring Officer Oct. 1141 Propring Officer Oct. 1141
Old County Courthouse, PO Box 1500, Fonda, New York 12068	Referring Officer: Tim REII/4 Mail original resolution to: 7. ERIE STREET
Phone: 518-853-8334	- Fultowill, NY, 12072
Fax: 518-853-8336	The 54 6 frontier. Com
1. Applicant: 1/67 Thruel Centre 2. Site	Address: 164 husesse Br. Fultonoille, NY 12072
	4. Acres: / 7
5. Is the site currently serviced by public water? 🛛 Y	es No
6. On-site waste water treatment is currently provided	by: X Public Sewer or Septic System
	Current Land Use: Vacuus T
9. Project Description: TRAVEL CENTER, Fueling	S CESTER SOR CHE'S TAUCKS WITH SUPPORTING
BETHI STORE BUILDING FIRST FOOL - DRIVE TO PRIVE TO PRIVE TO 160 SPACES) 24/17	Thru MERIUMIT, THUCK SERVICE CENTER.
10. MCPB Jurisdiction:	
	ted within 500' of:
a municipal boundary.	
a State or County thruway/highway/roadway	
an existing or proposed State or County park/recr	eation area
an existing or proposed County-owned stream or	
a State or County-owned parcel on which a public	-
a farm operation within an Agricultural District (I	ncl. Ag data Statement) (does not apply to area variances)
11. PUBLIC HEARING: Date: N/4 - Time:	TBD Location: HAS" NOT HAS a SH-
Referred	Action(s)
If referring multiple, related actions, please identify t	he referring municipal board if different from above.
12. Text Adoption or Amendment	Referring Board:
Comprehensive Plan Local Law Zoning O	rdinance Other
13. Zone Change	Referring Board:
Proposed Zone District:	Number of Acres:
Purpose of the Zone Change:	
14. 🗌 Site Plan 🔲 Project Site Review	Referring Board:
Proposed Improvements:	
Proposed Use:	
Will the proposed project require a variance? Yes	s 🗌 No Type: 🗌 Area 💆 Use
Specify Signinge - HEIGHT + SETER	ek Section 7.07 2a cide
Is a State of County DOT work permit needed? If Yes	_
Specify: Curp Cub - Row la	UNRK
•	

15. Special Permit	Referring Board:
Section of local zoning code that requires a sp	pecial permit for this use: Section 6.10 - 1.6
Will the proposed project require a variance?	☐ Yes ☐ No Type: ☐ Area ☐ Use
16. Variance	Referring Board:
☐ Area ☐ Use	
Section(s) of local zoning code to which the v	ariance is being sought:
Describe how the proposed project varies from	n the above code section:
	SEQR Determination
Action:	Finding:
Type I	Positive Declaration – Draft EIS
□ Туре П	Conditional Negative Declaration
Unlisted Action	☐ Negative Declaration
☐ Exempt	☐ No Finding (Type II Only)
NOT Comp	1 pted
SEQR determination made by (Lead Agence	ey): Tota flanking Bd. Date: NA-
	REQUIRED MATERIAL
Send 3 copies of a "Full Statement of the Pr	roposed Action" which includes:
All materials required by and submitted to the	referring body as an application
 If submitting site plans, please submit 	only 1 large set of plans, and 12 11x17 packets.
 All material may be submitted digitall planning-board-referrals/ 	y as well at http://www.mcbdc.org/planning-services/montgomery-county-
	nd m, includes complete information, and supporting materials to assist the sign in its review. Recommendations by MCPB shall be made to the Referring Statement.
Name, Title & Phone Number of Person Completing	wor G/Pr Transmittal Date
, into the anti-interior of a dison completing	2 min

This side to be completed by Montgomery County Planning.

REFERRAL FORM MONTGOMERY COUNTY PLANNING BOARD

TO:			<u>. </u>				
Mont	gomery	239-m referral is acknowledged on y County Planning Board has reviewed the and makes the following recom	e proposal stated o	lease be advised then the opposite side of	at the of this		
		Approves					
		Approves (with Modification)					
		Disapproves:					
		No significant County-wide or inter-com	nmunity input				
		Not subject to Planning Board review					
		Took no action					
	Section 239-m of the General Municipal Law requires that within thirty days after final action by the municipality is taken; a report of the final action shall be filed with the County Planning Board.						
Γ	Date	Mo	nneth F. Rose, Dire ontgomery County I velopment and Plan	Dept. of Economic	-		

HLOT PRINCE GOTER

TOWN OF GLEN BUILDING PERMIT APPLICATION INSTRUCTIONS:

- A: This application must be filled in by typewriter or printed in ink and returned to the appropriate Town or Village office.
- B: <u>DRAW A PLOT PLAN</u>. Plot plans must show location of the <u>LOT</u> and <u>BUILDINGS</u> on premises, relationship to adjourning premises or public streets or areas. Give a detailed description of layout of the property.
- C: TWO COMPLETE SETS OF SPECIFICATIONS / PLANS must accompany this application. This shall include nature of the work to be performed, the materials and equipment to be used and details of the structural, mechanical, electrical, and plumbing installations.
- D: NO WORK SHALL COMMENCE BEFORE ISSUANCE OF A ZONING AND/OR BUILDING PERMIT.
- E: Upon approval of this application, the Code Enforcement Officer will issue the building permit.
- F: No building or portion thereof for which a building permit has been issued shall be OCCUPIED OR USED IN WHOLE OR IN PART FOR ANY PURPOSE WHATSOEVER until a request is made for a Certificate of Occupancy and said Certificate is granted by the Code Enforcement Officer.
- G: The owner of the property on which this work is performed grants the Code Enforcement Officer the right to inspect the property for which this permit pertains to until the Certificate of Occupancy or Compliance is issued (Under Section 444.3 D 1 & 2 Title 19 NYCRR).
- H: WORKER'S COMPENSATION INSURANCE: Certificate of insurance / worker's compensation and disability benefits are required or an affidavit from the owner will be provided indicating that he or she is performing all the work and there are no employees, subcontractors, or contractors involved in such work (Chapter 131, Effective 9/1/98).

TOWN OF GLEN 7 ERIE STREET FULTONVILLE, NY 12072 ROXANNE DOUGLASS, TOWN CLERK - 518-853-3633 TOM DICAPRIO, TOWN OF GLEN CEO - 518-848-4498

BUILDING PERMIT APPLICATION

APPLICANT MUST	COMPLI	ETE ALL	BELOW	THAT	APPLY
----------------	--------	---------	-------	------	-------

DATE: 3/15/2021	\$		No.
DATE YOU INTEND TO BEGIN BUILDING: Spring - Sur	nmer 202	1	
NAME OF APPLICANT: Pilot Travel Centers, LLC HOME PHONE: BUSINES APPLICANT'S ADDRESS: 5508 Lonas Road, Knoxvil	S PHONE: le, Tennes	(865) 588- ssee 37909	7488
NAME OF OWNER: Exit 28 Real Estate LLC ADDRESS: P.O. Box 10804, Newburgh, NY, 12552	PHONE:	and the second s	P TO TO TO STORY WE WIND AND AND AND AND AND AND AND AND AND A
SBL #: 363-15.2			
PROPOSED PROJECT: Pilot Travel Center			
VALUE: \$ \$11,250,000±			
LOCATION OF PROPERTY: 164 Riverside Drive LOCATION OF BUILDING ON PROPERTY - DRAW AND INSTRUCTIONS ATTACHED.	ATTACH S	KETCH TO ILL	USTRATE -
ARE YOU INSTALLING A NEW SEPTIC SYSTEM? YES_REPLACING AN EXISTING SEPTIC SYSTEM? YES_	*	NO X	
* IF THE ANSWER IS YES TO EITHER OF THESE T IS REQUIRED (APPLICATION IS AVAILABLE FR WATER CONSERVATION DISTRICT, 4001 STHWY A SITE PLAN GIVING DETAILS OF THE ENTIRE WATER, WELLS OR WETLANDS, AS WELL AS P ALSO REQUIRED.	ROM MONT Y 5S, FULT SYSTEM V	GOMERY COU CONVILLE, NY, VITH DISTANC	JNTY SOIL AND (518) 853-4015) ES FROM OPEN
NAME OF PRINCIPAL CONTRACTOR: TBD (To Be De CONTRACTOR'S ADDRESS: CONTRACTOR'S PHONE: CONTRACTOR'S WORKMAN'S COMPENSATION INSUR		andronia (an angra angra gangangana a) sig	UMBER:

OR USE AS A PLACE OF BUSINESS) YES X NO
NAME OF ARCHITECT OR ENGINEER: CT Male Associates ARCHITECT'S or ENGINEER'S ADDRESS: 50 Century Hill Drive, Latham, NY 12110 ARCHITECT'S or ENGINEER'S PHONE: (518) 786-7400 BE AWARE THAT ANY NEW BUILDING PROJECT OF MORE THAN 1500 SQUARE FEET OF LIVING AREA MUST HAVE THE SEAL OR STAMP OF A NEW YORK STATE CERTIFIED ARCHITECT OR ENGINEER ON BUILDING PLANS.
WILL YOU BE INSTALLING A HEATING SYSTEM? YES X NO
IF YES, WHAT TYPE? Natural Gas
WHAT TYPE OF FOUNDATION WILL YOU HAVE? Shallow Footing
WILL YOU HAVE ELECTRICITY? YES X NO
* REMEMBER THAT IF YOU INSTALL ELECTRICITY OR ADD TO THE PRESENT ELECTRICAL SYSTEM, YOU WILL NEED AN APPROVED ELECTRICAL UNDERWRITER TO INSPECT THE FINISHED PRODUCT BEFORE BEING ISSUED A CERTIFICATE OF OCCUPANCY OR COMPLIANCE.
WHAT TYPE AND R-VALUE INSULATION WILL YOU BE USING? (Please specify below) WALLS 27.4 CEILINGS 38 FLOORS 8.4
ALONG WITH THIS APPLICATION, A SET OF PLANS OR BLUE PRINTS MUST BE SUBMITTED. THESE PLANS SHOULD INCLUDE THE FOLLOWING IN EITHER DIAGRAM OR TEXT FORM: BUILDING ELEVATION, PLUMBING PLAN, WINDOW TYPES AND SIZES, CROSS SECTION SHOWING FOUNDATION DETAILS, LOCATION OF PRIMARY AND SECONDARY HEATING SYSTEMS (INCLUDING CHIMNEY), INTERIOR AND EXTERIOR WALL CONSTRUCTION, ELECTRICAL LAYOUT, EXTERIOR GRADE ELEVATIONS, DOOR LOCATIONS, TYPES AND SIZES, ROOF SNOW LOAD AND FLOOR LIVE LOADS.
APPLICATION IS HEREBY MADE TO THE CODE ENFORCEMENT OFFICER OF THE TOWN OF GLEN FOR A BUILDING PERMIT. THE APPLICANT CERTIFIES THAT THE ABOVE STATEMENTS ARE TRUE AND AGREES THAT THE ISSUANCE OF THE PERMIT IS BASED ON THE ACCURACY THEREOF. FALSE STATEMENTS MADE HEREIN ARE PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL LAW. AS A CONDITION TO THE ISSUANCE OF A PERMIT, THE APPLICANT ACCEPTS FULL RESPONSIBILITY FOR ALL DAMAGE, DIRECT OR INDIRECT, OR WHATEVER NATURE, AND BY WHOMEVER SUFFERED, ARISING OUT OF THE PROJECT DESCRIBED HEREIN AND AGREES TO INDEMNIFY AND SAVE HARMLESS THE TOWN OF GLEN FROM SUITS, ACTIONS, DAMAGES AND COSTS OF EVERY NAME AND DESCRIPTION RESULTING FROM THE SAID PROJECT. FURTHER, THE APPLICANT AGREES THAT THE ISSUANCE OF A PERMIT IS NOT TO BE INTERPRETED AS GUARANTEE OF FREEDOM FROM RISK OF FUTURE FLOODING OR CONFORMITY WITH OTHER CODES AND REGULATIONS NOT PROMULGATED BY THE TOWN OF GLEN.
DATE SIGNATURE OF APPLICANT

APPLICANT: MUST COMPLETE 1-15 (WHEN APPLICABLE)

1.	LOCATION OF PROPERTY: 164 Riverside Drive
2.	TAX MAP # (SBL#): 363-15.2 (Survey is available)
3.	ZONE DISTRICT: Commercial
4.	EXISTING USE OF PROPERTY: Vacant - previously a residence INTENDED USE OF PROPERTY. Commercial
5.	NATURE OF WORK: NEW BUILDING X REPAIR ALTERATION/S ADDITION OTHER (SINGLE)MOBILE HOME SEPTIC HOME - STICK BUILT MODULAR DOUBLE WIDE
6.	ESTIMATED COST OF PROJECTS: \$11,250,000±
7	IF MULTIPLE DWELLING: a. NUMBER OF DWELLINGS UNITS 2 Buildings b. NUMBER OF BEDROOMS c. NUMBER OF FLOORS
8.	IE MOBILE HOME: NEW INSTALLATION Y/NYEAR OF
9	IF GARAGE: # OF CAR
10.	IF BUSINESS, COMMERCIAL OR MIXED OCCUPANCY, SPECIFY NATURE AND EXTENT OF EACH TYPE OF USE-Commercial - Pilot Travel Center
11.	DIMENSION OF EXISTING STRUCTURES IF ALTERATION OR ADDITIONS ARE MADE: DEPTH HEIGHT FRONT REAR NUMBER OF STORIES
12.	DIMENSION OF NEW CONSTRUCTION: (INCLUDING MOBILE HOME) DEPTH 90'± HEIGHT 25'± FRONT 156'± REAR 156'±
13.	SIZE OF LOT: FRONT 691'± REAR 625'± DEPTH 1170'± ACRE/S 17.8±
14.	DISTANCE FROM NEAREST ADJACENT BUILDING: LEFT SIDE N/A RIGHT SIDE 233'± REAR N/A
15.	DISTANCE FROM NEAREST ADJACENT PROPERTY: LEFT SIDE 343.1' RIGHT SIDE 197.3' REAR 448.7'

NEW YORK STATE THRUWAY WESTBOUND EXIT 28 OFFRAMP TOP OF WATER ELEV=287.95-6' HIGH CHAIN LINK FENCE Lands Now or Formerly of EXIT 28 REAL ESTATE, LLC MAP NOTES: Instrument No. 2015–64412 Tax Map 1D No. 36.00–3–15.2 AREA=776,077 SQ.FT. 1. Boundary and topographic information shown hereon was compiled from an actual field survey conducted during the month of December 2020. OR 17.82±ACRES 2. North orientation and bearings are referenced to Grid North and are based on the New York State Plane Coordinate System, East Zone, NAD 83/2011 epoch 2010.00. 3. Vertical datum shown hereon is NAVD 88 and was obtained from GPS observations which were post processed using the Fultonville CORS. 4. Objects shown on this drawing with a distance indicating how far that object is from a particular line, lie on the same side of the line that the offset distance is written. 5. The location of underground improvements or encroachments, if any exist, or as shown hereon, are not certified. There may be underground utilities, the existence of which are not known to the 100 YEAR FLOOD ZONE LIMITundersigned. Size and location of all underground utilities and structures must be verified by the appropriate authorities. Dig Safe New York (811) must be notified prior to conducting test borings, excavation and construction. The location of subsurface utilities along Riverside Drive are as per marked by Dig Safe (811) call. 6. This survey does not constitute a record search by C.T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. to determine ownership or easements of record. For all information regarding easements, rights of way and title of record, the surveyor relied upon title commitment number 2017—5130NCS, issued by Fidelity National Title Insurance Company, dated August 27, 2020. 7. Per map entitled National Flood Insurance Program, FIRM Flood Insurance Rate Map for Montgomery County, New York All Jurisdictions, Community Number 361295 Town of Glen Panel 178 of 385, Map Suffix E, Map Number 36057C0178E, effective date January 19, 2018, portions of the parcel shown hereon falls within an area designated as Zone AE, areas with base flood elevations determined. The 100 year flood zone limits shown hereon and were digitally obtained from the FEMA website. The 500 year flood limits shown hereon are shown approximate per the Flood Insurance Rate Map. 8. Prior to conducting this survey this geographic area accumulated approximately 24 inches of packed snow and ice. Therefore the undersigned cannot certify that some object or feature has been 9. No wetland markers were observed during the course of the field survey. MAP REFERENCES: 1. "New York State Thruway, The Mohawk Section County of Montgomery, Subdivision No. 14, Town of Lands Now or Formerly of PERRONE LEATHER, LLC Instrument No. 2012–49711 Tax Map ID NO. 36.00–3–15.11 Glen, District No. 2" Map No. 420 Parcel No. 474 John E. Van Epps (Reputed Owner), dated February 4, 1953 filed in the Office of the New York State Thruway Authority. 2. "New York State Thruway, The Mohawk Section County of Montgomery, Subdivision No. 14" Map No. 661 Parcel No. 764 John E. Van Epp (Reputed Owner), Map No. 664 Parcel No. 768 James E. Friers & Mildred Friers (Reputed Owners) dated April 1, 1954 filed in the Region 2 Office of the New York State Department of Transportation.

500 YEAR FLOOD ZONE-

FLOOD ZONE X

ZONING:

Minimum Lot Size

Width (feet)

Maximum Lot Coverage

Building Height (feet)
Yard Dimensions (feet)

allowed per this zone

Front

Side

Number of Building Stories

Area (square feet)

Minimum Living Area (square feet)

Parcel is zoned Commercial District — C

Special Permitted Use — Gasoline Station

40,000

150

20%

Note: Other permitted and special use permit uses are

Electric Meter Fuel Filler Pipe

Gas Marker

Hydrant

Iron Rod Found Iron Pipe Found Telephone Pedestal

Utility Pole

Utility Pole w/light
Water Shut—off
Corrugated Metal Pipe
Polyvinyl Chloride Pipe
Underground Gas Line

Overhead Wires

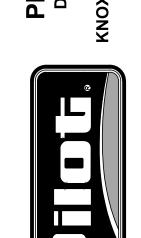
1 inch = 60 ft.

Triangular Monument Found Unknown Manhole Type

LEGEND:

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LOT COMPANY
SSIGN DEPARTMENT
S508 LONAS ROAD



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Lands Now or Formerly of T-LOU REALTY CORP.

Book 641 Page 229
Tax Map ID NO. 36.00-3-18

76.55

18"INV=284.98—

RIVERSIDE DRIVE s.h. no. 9467 CONCRETE CURB

— UMH SILTED RIM=297.95 TOP OF 8"PIPE ELEV=290.65 TOP OF SEDIMENT ELEV=290.45

-BLACKTOP CURB BURIED

OT TRAVEL CENTE

164 RIVERSIDE DRIVE

WN OF GLEN, NEW YORK

CRIPTION: INT.:
OUT & GRADING OKS
OUT & GRADING OKS
OUT & TOWN O

DATE: 03/31/21 | DRAWN BY: OKS | PROJE

DATE: REV: REVISION DESCRIPTIC

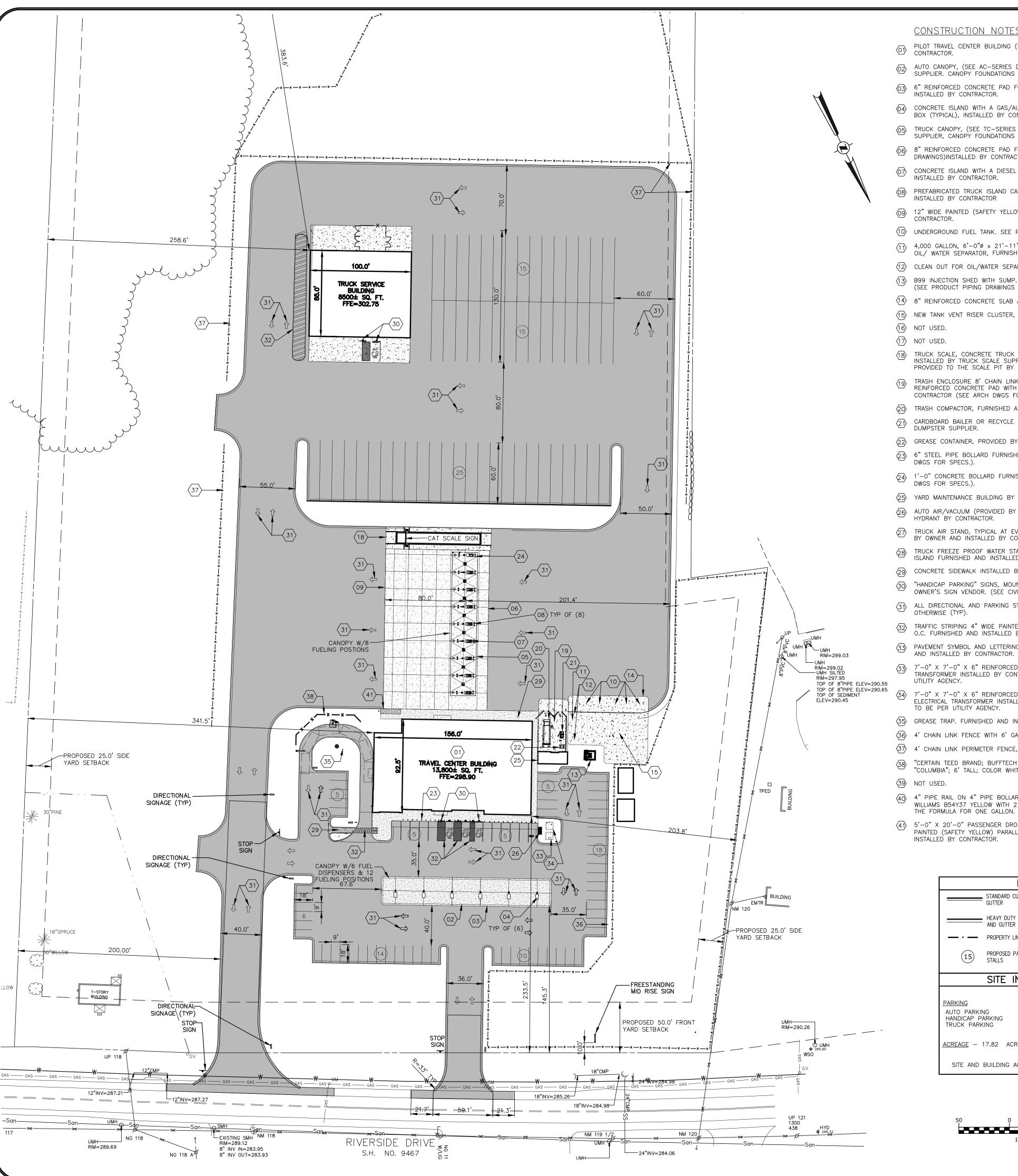
4/21/21 1 REVISED SITE LAYOUT & C

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PILOT COMPANY

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NO USE OR DISCLOSURE OF THIS DRAW

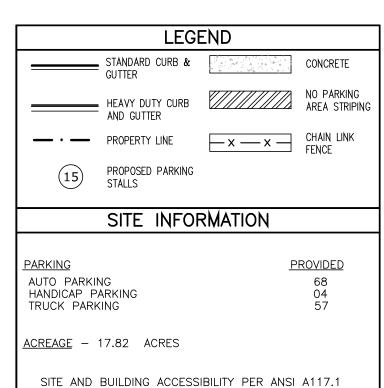
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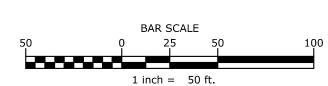
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CONSTRUCTION NOTES

- PILOT TRAVEL CENTER BUILDING (SEE ARCHITECTURAL DRAWINGS), INSTALLED BY
- AUTO CANOPY, (SEE AC-SERIES DRAWINGS) FURNISHED AND INSTALLED BY CANOPY SUPPLIER. CANOPY FOUNDATIONS INSTALLED BY CONTRACTOR.
- 6" REINFORCED CONCRETE PAD FOR AUTO CANOPY, (SEE AC-SERIES DRAWINGS)
- CONCRETE ISLAND WITH A GAS/AUTO DIESEL (3+1) DISPENSER AND CONTAINMENT
- BOX (TYPICAL), INSTALLED BY CONTRACTOR.
- TRUCK CANOPY, (SEE TC-SERIES DRAWINGS) FURNISHED AND INSTALLED BY CANOPY SUPPLIER, CANOPY FOUNDATIONS INSTALLED BY CONTRACTOR.
- 8" REINFORCED CONCRETE PAD FOR TRUCK CANOPY, (SEE TC-SERIES DRAWINGS)INSTALLED BY CONTRACTOR.
- (7) CONCRETE ISLAND WITH A DIESEL DISPENSER AND CONTAINMENT BOX (TYPICAL), INSTALLED BY CONTRACTOR.
- (08) PREFABRICATED TRUCK ISLAND CATCH BASIN (TYPICAL). FURNISHED BY OWNER INSTALLED BY CONTRACTOR
- (SAFETY YELLOW) PULL FORWARD LINE INSTALLED BY CONTRACTOR.
- (10) UNDERGROUND FUEL TANK. SEE PP-SERIES DRAWINGS FOR MORE INFORMATION.
- 4,000 GALLON, 6'-0" x 21'-11" LONG, SINGLE-WALL FIBERGLASS UNDERGROUND OIL/ WATER SEPARATOR, FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.
- (12) CLEAN OUT FOR OIL/WATER SEPARATOR FURNISHED AND INSTALLED BY CONTRACTOR.
- (13) B99 INJECTION SHED WITH SUMP. FURNISED BY OWNER, INSTALLED BY CONTRACTOR. (SEE PRODUCT PIPING DRAWINGS FOR MORE INFORMATION.
- 8" REINFORCED CONCRETE SLAB AT TANK FARM, INSTALLED BY CONTRACTOR.
- (15) NEW TANK VENT RISER CLUSTER, FURNISHED AND INSTALLED BY CONTRACTOR.
- TRUCK SCALE, CONCRETE TRUCK SCALE PIT AND TRUCK SCALE FURNISHED AND INSTALLED BY TRUCK SCALE SUPPLIER. ELECTRICAL, COMMUNICATIONS AND DRAINAGE PROVIDED TO THE SCALE PIT BY CONTRACTOR, COORDINATION BY CONTRACTOR.
- TRASH ENCLOSURE 8' CHAIN LINK FENCE WITH VINYL INSERTS MOUNTED ON REINFORCED CONCRETE PAD WITH PROTECTIVE STEEL BOLLARDS, INSTALLED BY CONTRACTOR (SEE ARCH DWGS FOR DETAILS).
- TRASH COMPACTOR, FURNISHED AND INSTALLED BY TRASH COMPACTOR SUPPLIER.
- CARDBOARD BAILER OR RECYCLE DUMPSTER, FURNISHED AND INSTALLED BY DUMPSTER SUPPLIER.
- (22) GREASE CONTAINER, PROVIDED BY OWNER.
- 6" STEEL PIPE BOLLARD FURNISHED AND INSTALLED BY CONTRACTOR (SEE CIVIL DWGS FOR SPECS.).
- 1'-0" CONCRETE BOLLARD FURNISHED AND INSTALLED BY CONTRACTOR (SEE CIVIL DWGS FOR SPECS.).
- (25) YARD MAINTENANCE BUILDING BY CONTRACTOR. (SEE DE-SERIES DRAWINGS).
- AUTO AIR/VACUUM (PROVIDED BY OWNER, ELECTRICAL BY CONTRACTOR), YARD HYDRANT BY CONTRACTOR.
- TRUCK AIR STAND, TYPICAL AT EVERY OTHER TRUCK FUELING ISLAND, FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR BY OWNER AND INSTALLED BY CONTRACTOR.
- TRUCK FREEZE PROOF WATER STAND TYPICAL AT EVERY OTHER TRUCK FUELING ISLAND FURNISHED AND INSTALLED BY CONTRACTOR.
- (29) CONCRETE SIDEWALK INSTALLED BY CONTRACTOR. "HANDICAP PARKING" SIGNS, MOUNTED ON POLES, FURNISHED AND INSTALLED BY
- OWNER'S SIGN VENDOR. (SEE CIVIL DETAILS FOR MOUNTING INSTRUCTIONS). ALL DIRECTIONAL AND PARKING STRIPING TO BE SAFETY YELLOW-UNLESS NOTED
- TRAFFIC STRIPING 4" WIDE PAINTED (SAFETY YELLOW) PARALLEL STRIPES AT 16" O.C. FURNISHED AND INSTALLED BY CONTRACTOR.
- (33) PAVEMENT SYMBOL AND LETTERING PER D.O.T. SPECIFICATIONS (TYP), FURNISHED
- (33) 7'-0" X 7'-0" X 6" REINFORCED CONCRETE PAD FOR LOCAL UTILITY ELECTRICAL TRANSFORMER INSTALLED BY CONTRACTOR. FINAL SIZE AND LOCATION TO BE PER
- 7'-0" X 7'-0" X 6" REINFORCED CONCRETE PAD FOR TRAVEL CENTER DISTRIBUTION ELECTRICAL TRANSFORMER INSTALLED BY CONTRACTOR. FINAL SIZE AND LOCATION TO BE PER UTILITY AGENCY.
- (35) GREASE TRAP. FURNISHED AND INSTALLED BY CONTRACTOR.
- (36) 4' CHAIN LINK FENCE WITH 6' GATE, FURNISHED AND INSTALLED BY CONTRACTOR.
- (37) 4' CHAIN LINK PERIMETER FENCE, FURNISHED AND INSTALLED BY CONTRACTOR.
- "CERTAIN TEED BRAND; BUFFTECH VINYL FENCING; SEMI-PRIVATE SERIES; STYLE "COLUMBIA"; 6' TALL; COLOR WHITE". FURNISHED AND INSTALLED BY CONTRACTOR
- 4 PIPE RAIL ON 4" PIPE BOLLARDS AT 3'-0" O.C. CONTRACTOR TO PAINT SHERWIN WILLIAMS B54Y37 YELLOW WITH 2 AND 8/32 OUNCES OF NEW RED (R4) THIS IS THE FORMULA FOR ONE GALLON.
- (41) 5'-0" X 20'-0" PASSENGER DROP-OFF/LOADING ZONE. TRAFFIC STRIPING 4" WIDE PAINTED (SAFETY YELLOW) PARALLEL STRIPES AT 16" O.C. FURNISHED AND INSTALLED BY CONTRACTOR.





GENERAL NOTES

- 1. REFER TO ES-SERIES DRAWINGS FOR LOCATIONS AND TYPES OF LIGHITNG. REFER TO SL-SERIES DRAWINGS FOR LIGHTING FIXTURE/POLE LOCATIONS.
- 2. REFER TO SS-SERIES DRAWINGS FOR LOCATIONS AND TYPES OF SIGNS. FOUNDATIONS BY SIGN VENDOR.

TACO BELL NOTES

- 1. RESTAURANT "DRIVE-THRU" (INTERNALLY ILLUMINATED) DIRECTIONAL SIGN FURNISHED BY OWNER, INSTALLED BY SIGN SUPPLIER. CONCRETE FOUNDATION AND ELECTRICAL INSTALLED BY CONTRACTOR.
- 2. "DRIVE-THRU CLEARANCE 9 FT. 0 IN." SIGN FURNISHED BY OWNER, INSTALLED BY SIGN SUPPLIER. CONCRETE FOUNDATION INSTALLED BY CONTRACTOR.
- 3. RESTAURANT PREVIEW BOARD (INTERNALLY ILLUMINATED) FURNISHED BY OWNER, INSTALLED BY SIGN SUPPLIER, CONCRETE FOUNDATION AND ELECTRICAL
- 4. "RESTAURANT" MENU BOARD (INTERNALLY ILLUMINATED) AND INTERCOM SYSTEM FURNISHED BY OWNER, INSTALLED BY SIGN SUPPLIER. CONCRETE FOUNDATION AND ELECTRICAL INSTALLED BY CONTRACTOR.
- 5. "THANK YOU / DO NOT ENTER" DIRECTIONAL SIGN (INTERNALLY ILLUMINATED) FURNISHED BY OWNER, INSTALLED BY SIGN SUPPLIER. CONCRETE FOUNDATION AND ELECTRICAL INSTALLED BY CONTRACTOR.

SITE PLAN NOTES

. OWNER/APPLICANT PILOT TRAVEL CENTERS, LLC 5508 LONAS ROAD KNOXVILLE, TENNESSEE 37909

INSTALLED BY CONTRACTOR.

2. THE PROJECT BOUNDARY KNOWN AS 164 RIVERSIDE DRIVE (TAX IDS 36.00-3-15.2).

BEARING BASE ARE PER MAP REFERENCE NO. 1.

- 3. TOPOGRAPHIC, BOUNDARY, VERTICAL DATUM (NAVD 88), NORTH ORIENTATION AND
- 4. WHERE THERE IS A DISCREPANCY BETWEEN THE NOTES IN THE CONTRACT DOCUMENTS, THE MORE CONSERVATIVE DIRECTIVE SHALL BE ADHERED TO.
- 5. DIG SAFELY NEW YORK (PHONE 800-962-7962 / PHONE 811 / WWW.DIGSAFELYNEWYORK.COM) SHALL BE NOTIFIED PRIOR TO CONDUCTING ANY TEST BORINGS, EXCAVATION ÓR CONSTRUCTION. UTILITY MARK-OUTS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- 6. THE APPLICANT SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THE STATE ENVIRONMENTAL QUALITY REVIEW ACT (SEQR), AND FRESHWATER WETLANDS PERMIT REGULATIONS.
- 7. THE OWNER AND CONTRACTOR(S) SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: NYS FIRE CODE, NYS BUILDING CODE, NATIONAL ELECTRIC CODE, AND WORKER HEALTH AND SAFETY LAWS AND REGULATIONS. CONTRACTOR SHALL COMPLY WITH THE CONDITIONS OF ALL APPLICABLE PERMITS.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY AND SAFELY MAINTAINING CONSTRUCTION ACTIVITY WITHIN THE LIMITS OF THE CONSTRUCTION SITE.
- 9. NO WORK, STORAGE, OR TRESPASS IS ALLOWED BEYOND THE SITE PROPERTY LINES OR PUBLIC RIGHTS-OF-WAY.
- 10. THE CONTRACTOR SHALL RESTORE EXISTING FEATURES (I.E., LAWNS, DRIVEWAYS, CULVERTS, SIGNS, ETC.) THAT HAVE BEEN DISTURBED DURING CONSTRUCTION TO A CONDITION AT LEAST AS GOOD AS THEY WERE PRIOR TO SAID DISTURBANCE. FEATURES SHALL EITHER BE PROTECTED OR REMOVED AND REPLACED IN-KIND AS THEY WERE PRIOR TO THEIR REMOVAL, AS DETERMINED BY THE ENGINEER. ANY DAMAGED FEATURES SHALL BE REPLACED IN-KIND AT THE CONTRACTOR'S
- 11. ROADWAY PAVING IS ONLY ALLOWED FROM APRIL 1 TO NOVEMBER 1, SEE 109-29. ANY STRUCTURES IN ROADWAY SHALL BE SET # BELOW BINDER AND A RISER RING INSTALLED FOR TOP COURSE PAVING. SEWER STRUCTURES SHALL BE PLACED OUTSIDE ROADWAY WHERE FEASIBLE.
- 12. IF BLASTING IS REQUIRED FOR ROCK REMOVAL, THEN THE CONTRACTOR SHALL BLASTING OPERATIONS SHALL ADHERE TO FEDERAL, STATE, AND LOCAL AUTHORITY ORDINANCES GOVERNING THE USE OF EXPLOSIVES. THE CONTRACTOR SHALL PREPARE AND SUBMIT A BLASTING PLAN TO THE ENGINEER FOR APPROVAL PRIOR

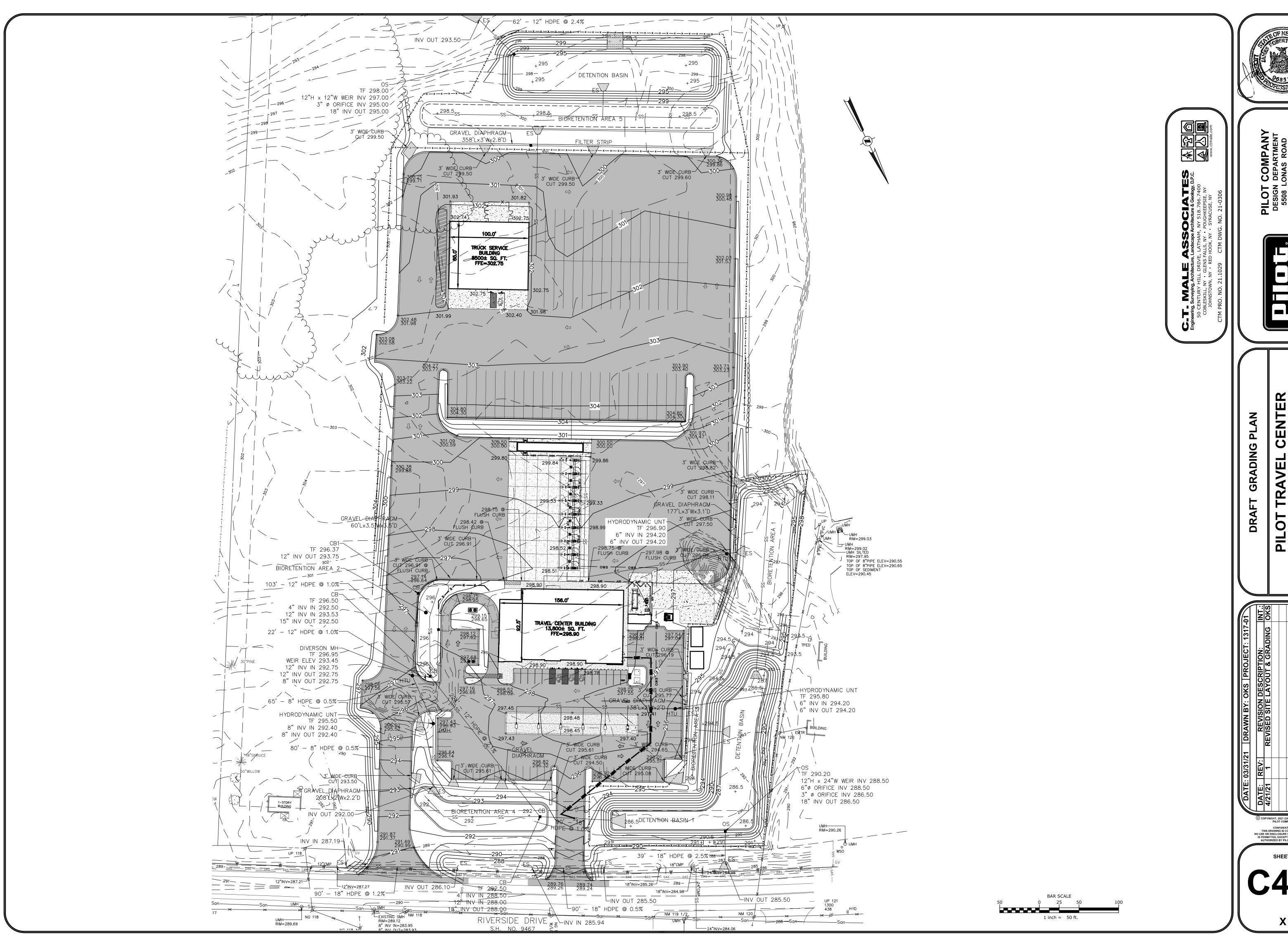
MAP REFERENCE

1. "ALTA / NPS Land Title Survey, Lands Now or Formerly of, EXIT 28 REAL ESTATE, LLC, 164 Riverside Drive", prepared by C.T. Male Associates, dated December 21, 2019, bearing drawing no. 21-109.

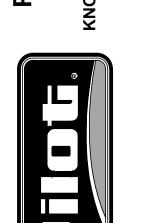


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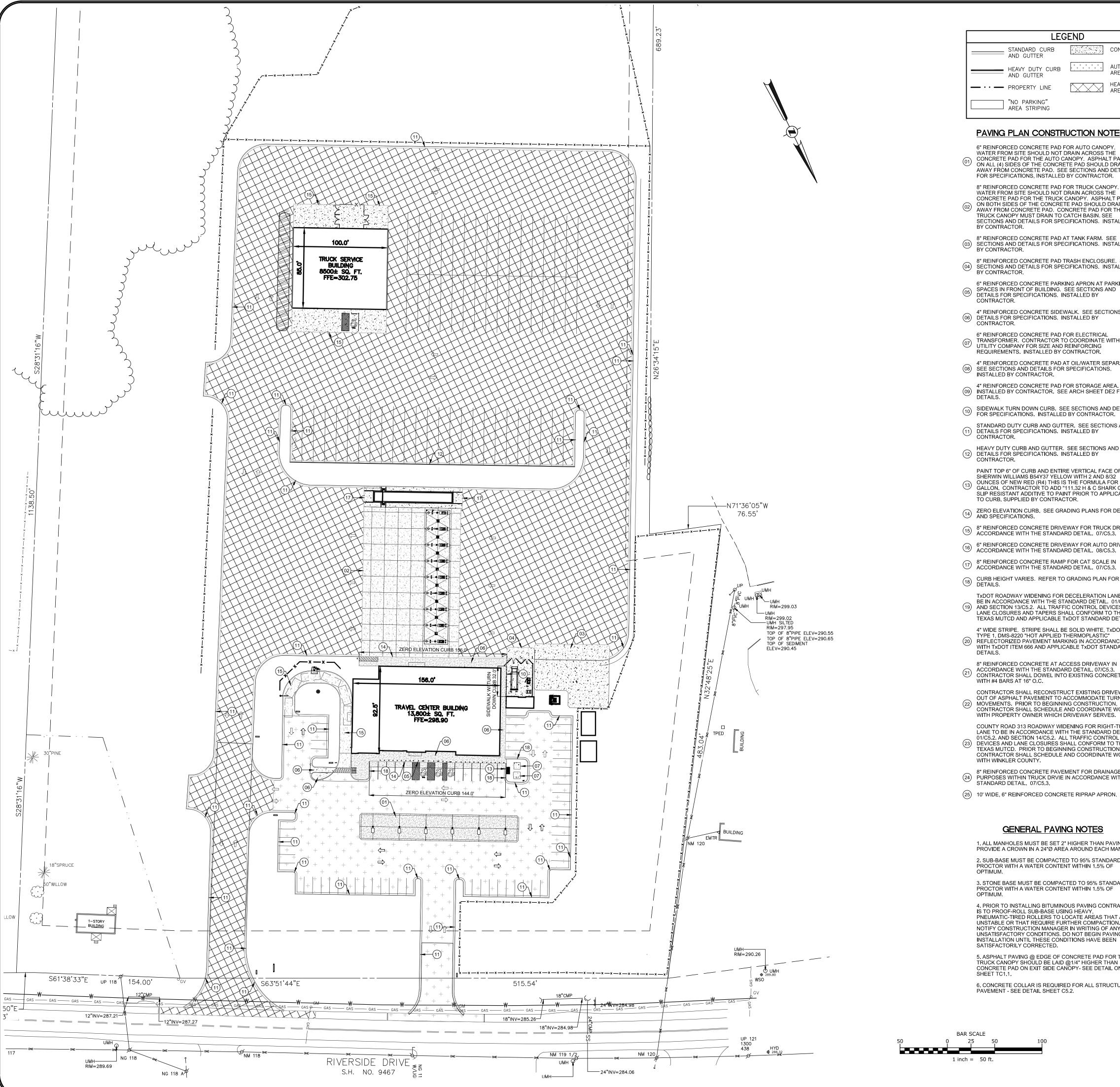
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	OKS	REVISED SITE LAYOUT & GRADING OKS	l	4/21/21
_	INT	REVISION DESCRIPTION:	REV:	DATE: REV:
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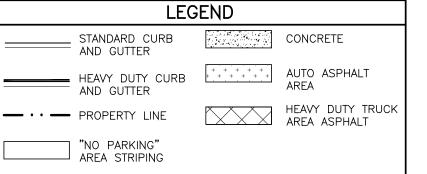






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PAVING PLAN CONSTRUCTION NOTES

6" REINFORCED CONCRETE PAD FOR AUTO CANOPY.
WATER FROM SITE SHOULD NOT DRAIN ACROSS THE
CONCRETE PAD FOR THE AUTO CANOPY. ASPHALT PAVING
ON ALL (4) SIDES OF THE CONCRETE PAD SUCCESSION. AWAY FROM CONCRETE PAD. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS, INSTALLED BY CONTRACTOR.

8" REINFORCED CONCRETE PAD FOR TRUCK CANOPY.
WATER FROM SITE SHOULD NOT DRAIN ACROSS THE
CONCRETE PAD FOR THE TRUCK CANOPY. ASPHALT PAVING
ON BOTH SIDES OF THE CONCRETE PAD SHOULD DRAIN
AWAY FROM CONCRETE PAD. CONCRETE PAD FOR THE TRUCK CANOPY MUST DRAIN TO CATCH BASIN. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED

- 8" REINFORCED CONCRETE PAD AT TANK FARM. SEE 93 SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.
- 8" REINFORCED CONCRETE PAD TRASH ENCLOSURE. SEE 04) SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED
- 6" REINFORCED CONCRETE PARKING APRON AT PARKING
 SPACES IN FRONT OF BUILDING. SEE SECTIONS AND
 DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.
- 4" REINFORCED CONCRETE SIDEWALK. SEE SECTIONS AND 06) DETAILS FOR SPECIFICATIONS. INSTALLED BY
- 6" REINFORCED CONCRETE PAD FOR ELECTRICAL
 TRANSFORMER. CONTRACTOR TO COORDINATE WITH
 UTILITY COMPANY FOR SIZE AND REINFORCING REQUIREMENTS. INSTALLED BY CONTRACTOR.
- 4" REINFORCED CONCRETE PAD AT OIL/WATER SEPARATOR. 4" REINFORCED CONCRETE PAD AT OIL/WATER SEPA 08 SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.
- 4" REINFORCED CONCRETE PAD FOR STORAGE AREA.

 INSTALLED BY CONTRACTOR. SEE ARCH SHEET DE2 FOR
- OSIDEWALK TURN DOWN CURB. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.
- STANDARD DUTY CURB AND GUTTER. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.
- HEAVY DUTY CURB AND GUTTER. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY
- PAINT TOP 6" OF CURB AND ENTIRE VERTICAL FACE OF CURB SHERWIN WILLIAMS B54Y37 YELLOW WITH 2 AND 8/32
 OUNCES OF NEW RED (R4) THIS IS THE FORMULA FOR ONE
 GALLON. CONTRACTOR TO ADD "111.32 H & C SHARK GRIP"
 SLIP RESISTANT ADDITIVE TO PAINT PRIOR TO APPLICATION TO CURB. SUPPLIED BY CONTRACTOR.
- 2ERO ELEVATION CURB. SEE GRADING PLANS FOR DETAILS AND SPECIFICATIONS.
- 8" REINFORCED CONCRETE DRIVEWAY FOR TRUCK DRIVE IN ACCORDANCE WITH THE STANDARD DETAIL. 07/C5.3.
- 6" REINFORCED CONCRETE DRIVEWAY FOR AUTO DRIVE IN ACCORDANCE WITH THE STANDARD DETAIL. 08/C5.3.
- 8" REINFORCED CONCRETE RAMP FOR CAT SCALE IN ACCORDANCE WITH THE STANDARD DETAIL. 07/C5.3.
- CURB HEIGHT VARIES. REFER TO GRADING PLAN FOR DETAILS.
- TXDOT ROADWAY WIDENING FOR DECELERATION LANE TO BE IN ACCORDANCE WITH THE STANDARD DETAIL. 01/C5.2. (19) AND SECTION 13/C5.2. ALL TRAFFIC CONTROL DEVICES, LANE CLOSURES AND TAPERS SHALL CONFORM TO THE TEXAS MUTCD AND APPLICABLE TXDOT STANDARD DETAILS.
- 4" WIDE STRIPE. STRIPE SHALL BE SOLID WHITE, TXDOT TYPE 1, DMS-8220 "HOT APPLIED THERMOPLASTIC"

 REFLECTORIZED PAVEMENT MARKING IN ACCORDANCE WITH TXDOT ITEM 666 AND APPLICABLE TXDOT STANDARD
- 8" REINFORCED CONCRETE AT ACCESS DRIVEWAY IN ACCORDANCE WITH THE STANDARD DETAIL. 07/C5.3. CONTRACTOR SHALL DOWEL INTO EXISTING CONCRETE WITH #4 BARS AT 16" O.C.
- CONTRACTOR SHALL RECONSTRUCT EXISTING DRIVEWAY OUT OF ASPHALT PAVEMENT TO ACCOMMODATE TURNING MOVEMENTS. PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL SCHEDULE AND COORDINATE WORK
- COUNTY ROAD 313 ROADWAY WIDENING FOR RIGHT-TURN LANE TO BE IN ACCORDANCE WITH THE STANDARD DETAIL.
- 01/C5.2. AND SECTION 14/C5.2. ALL TRAFFIC CONTROL DEVICES AND LANE CLOSURES SHALL CONFORM TO THE FEXAS MUTCD. PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL SCHEDULE AND COORDINATE WORK WITH WINKLER COUNTY.
- 8" REINFORCED CONCRETE PAVEMENT FOR DRAINAGE PURPOSES WITHIN TRUCK DRVIE IN ACCORDANCE WITH THE STANDARD DETAIL. 07/C5.3.
- (25) 10' WIDE, 6" REINFORCED CONCRETE RIPRAP APRON.

GENERAL PAVING NOTES

1. ALL MANHOLES MUST BE SET 2" HIGHER THAN PAVING TO PROVIDE A CROWN IN A 24"Ø AREA AROUND EACH MANHOLE.

2. SUB-BASE MUST BE COMPACTED TO 95% STANDARD PROCTOR WITH A WATER CONTENT WITHIN 1.5% OF

3. STONE BASE MUST BE COMPACTED TO 95% STANDARD PROCTOR WITH A WATER CONTENT WITHIN 1.5% OF

4. PRIOR TO INSTALLING BITUMINOUS PAVING CONTRACTOR IS TO PROOF-ROLL SUB-BASE USING HEAVY, PNEUMATIC-TIRED ROLLERS TO LOCATE AREAS THAT ARE UNSTABLE OR THAT REQUIRE FURTHER COMPACTION. NOTIFY CONSTRUCTION MANAGER IN WRITING OF ANY UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAVING INSTALLATION UNTIL THESE CONDITIONS HAVE BEEN

5. ASPHALT PAVING @ EDGE OF CONCRETE PAD FOR THE TRUCK CANOPY SHOULD BE LAID @1/4" HIGHER THAN CONCRETE PAD ON EXIT SIDE CANOPY- SEE DETAIL ON

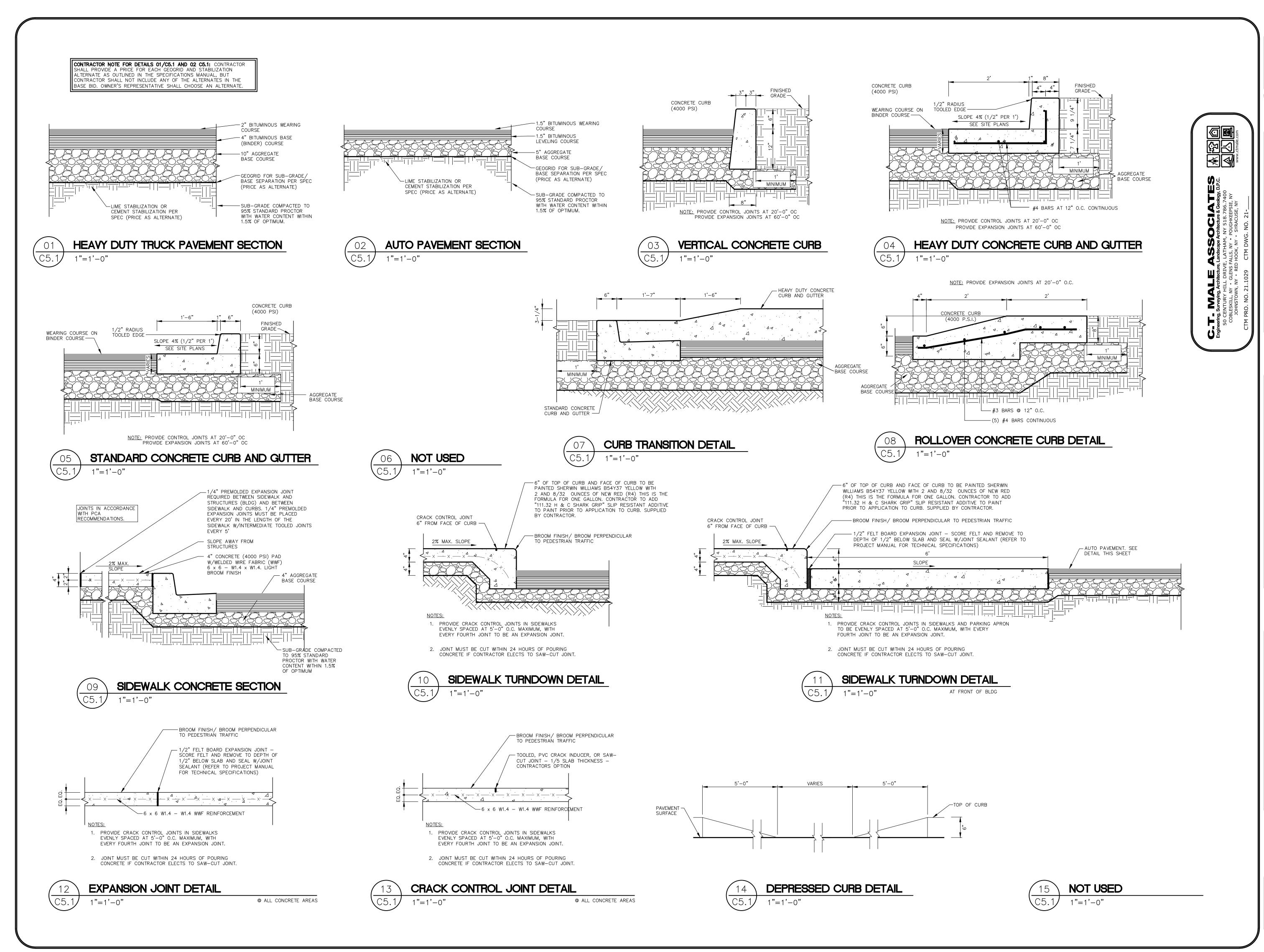
6. CONCRETE COLLAR IS REQUIRED FOR ALL STRUCTURES IN PAVEMENT - SEE DETAIL SHEET C5.2.





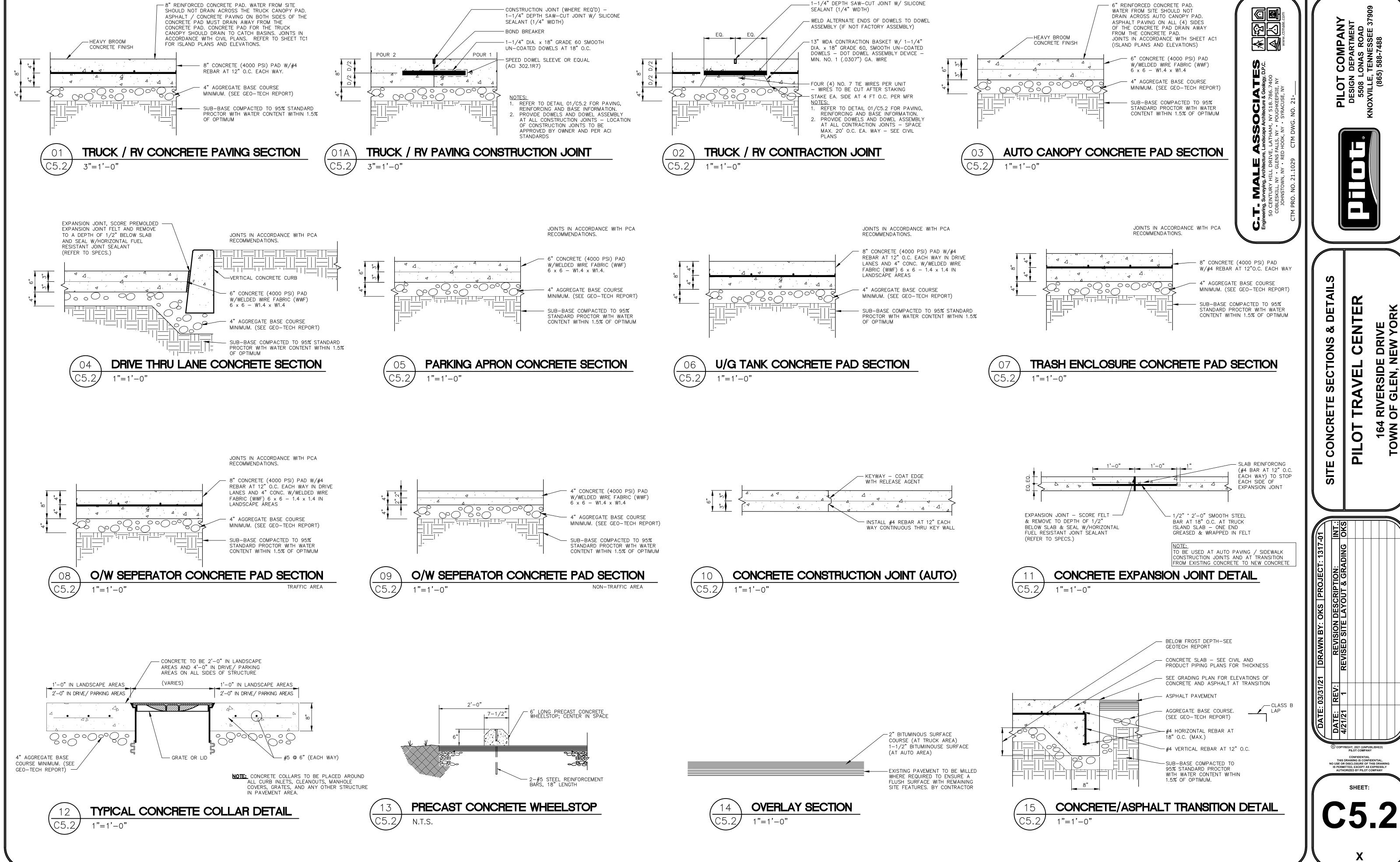
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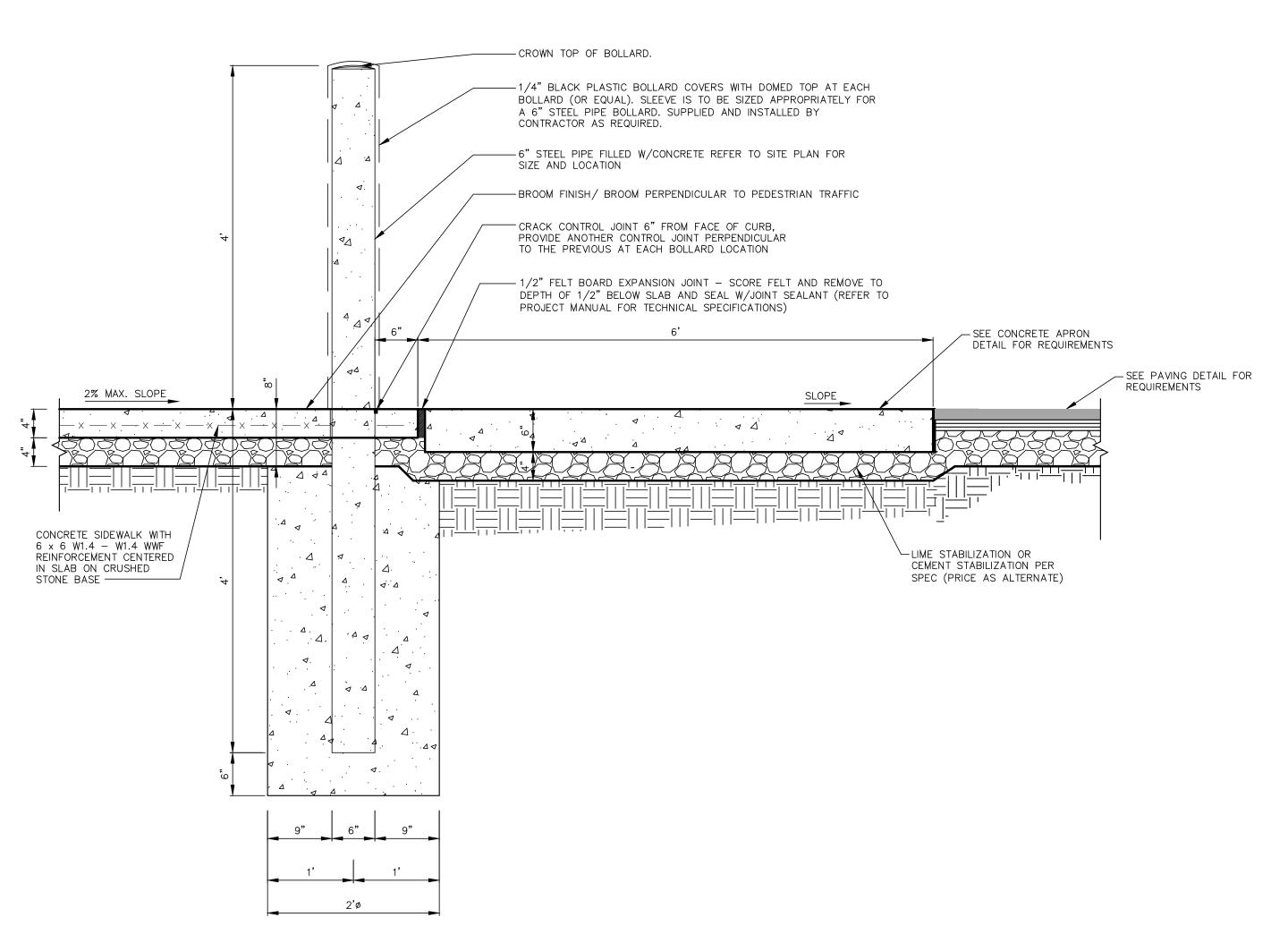


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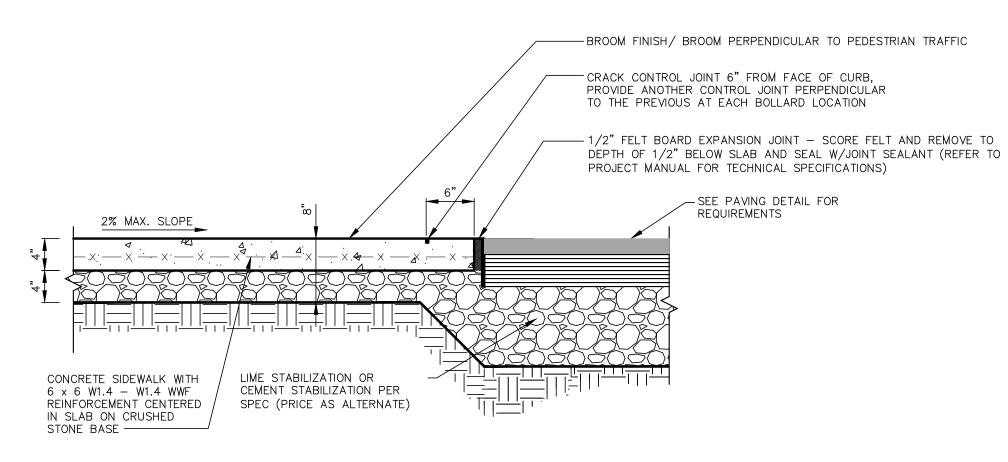
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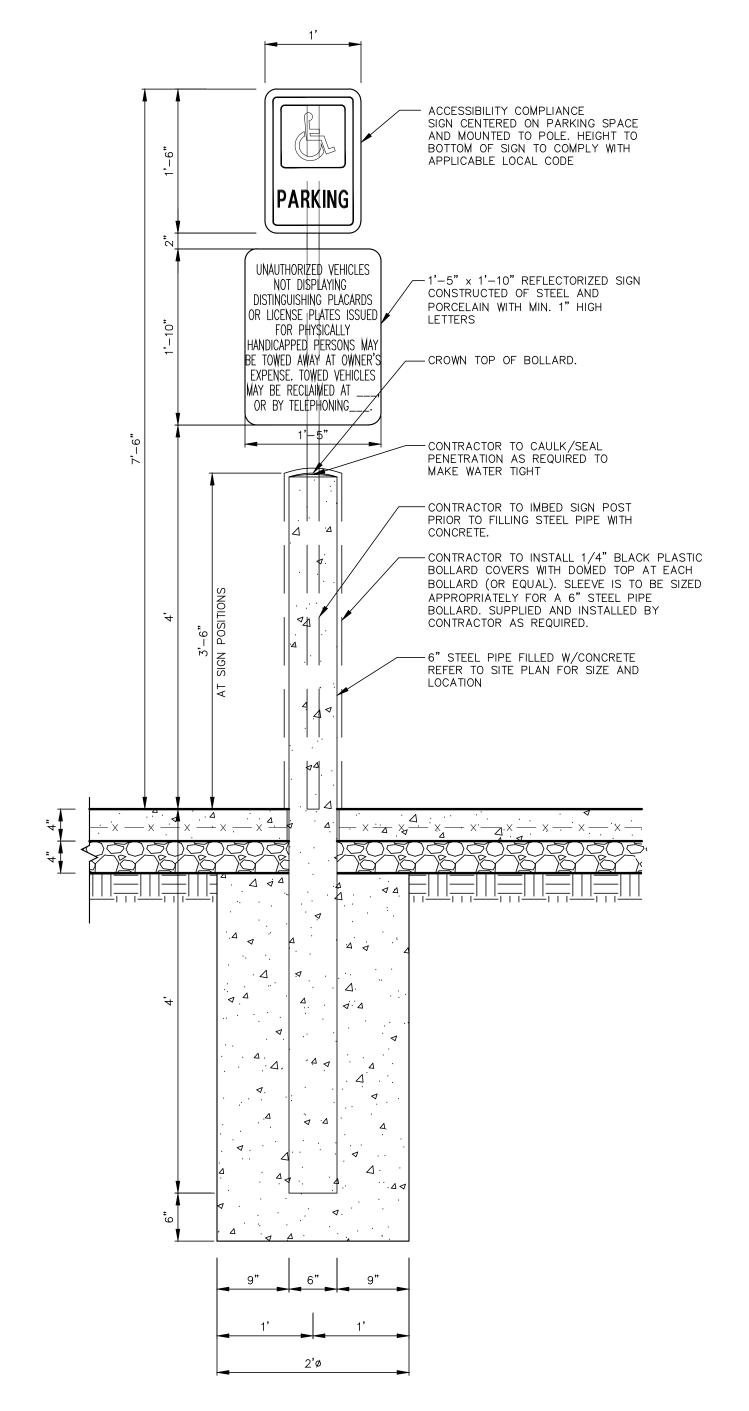
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AUTO FRONT PARKING/SIDEWALK SECTION NON-HANDI CAP PARKING





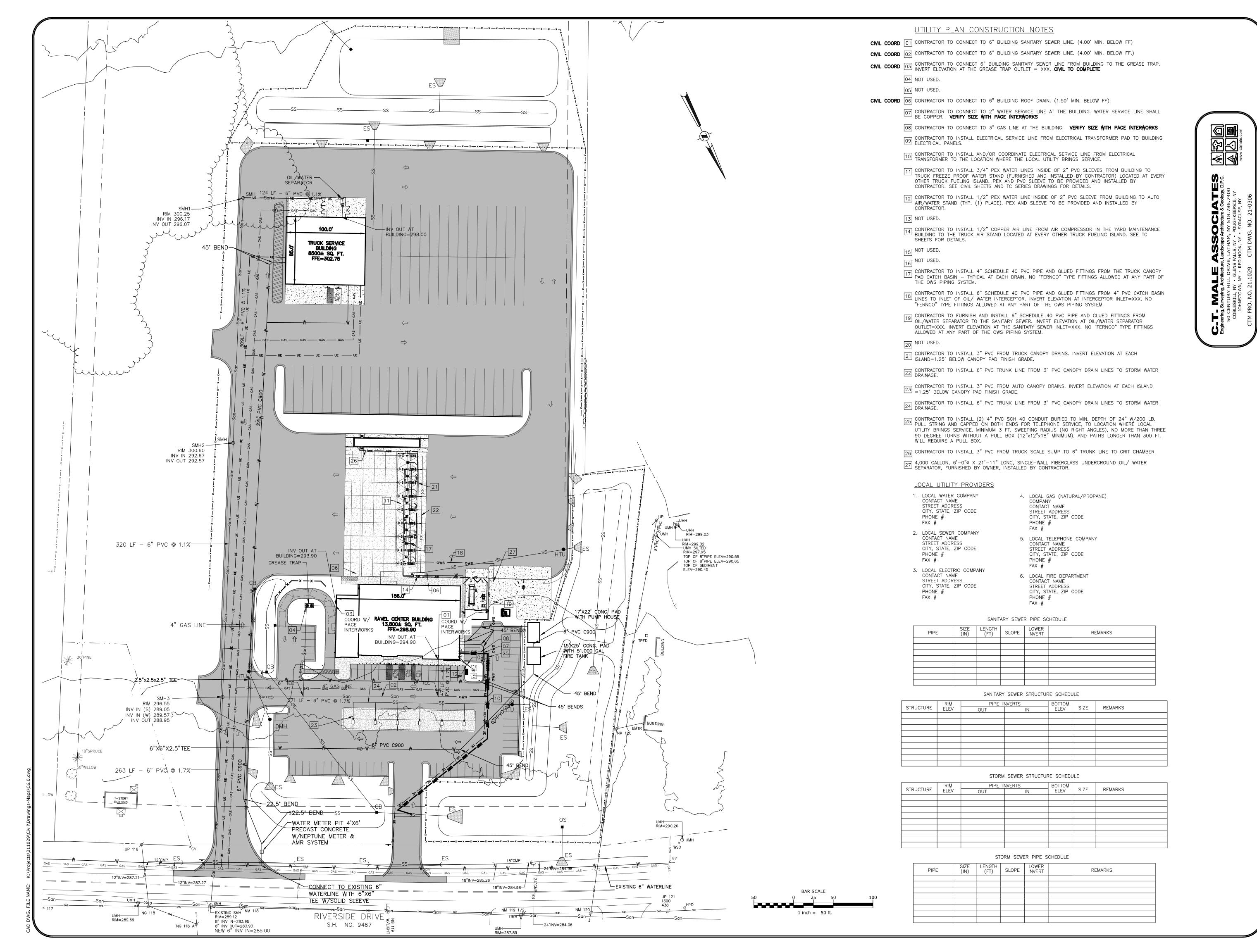


HANDICAP PARKING SIGN SECTION

CENTE DRIVE EW YOF FRSIDE GLEN, NI

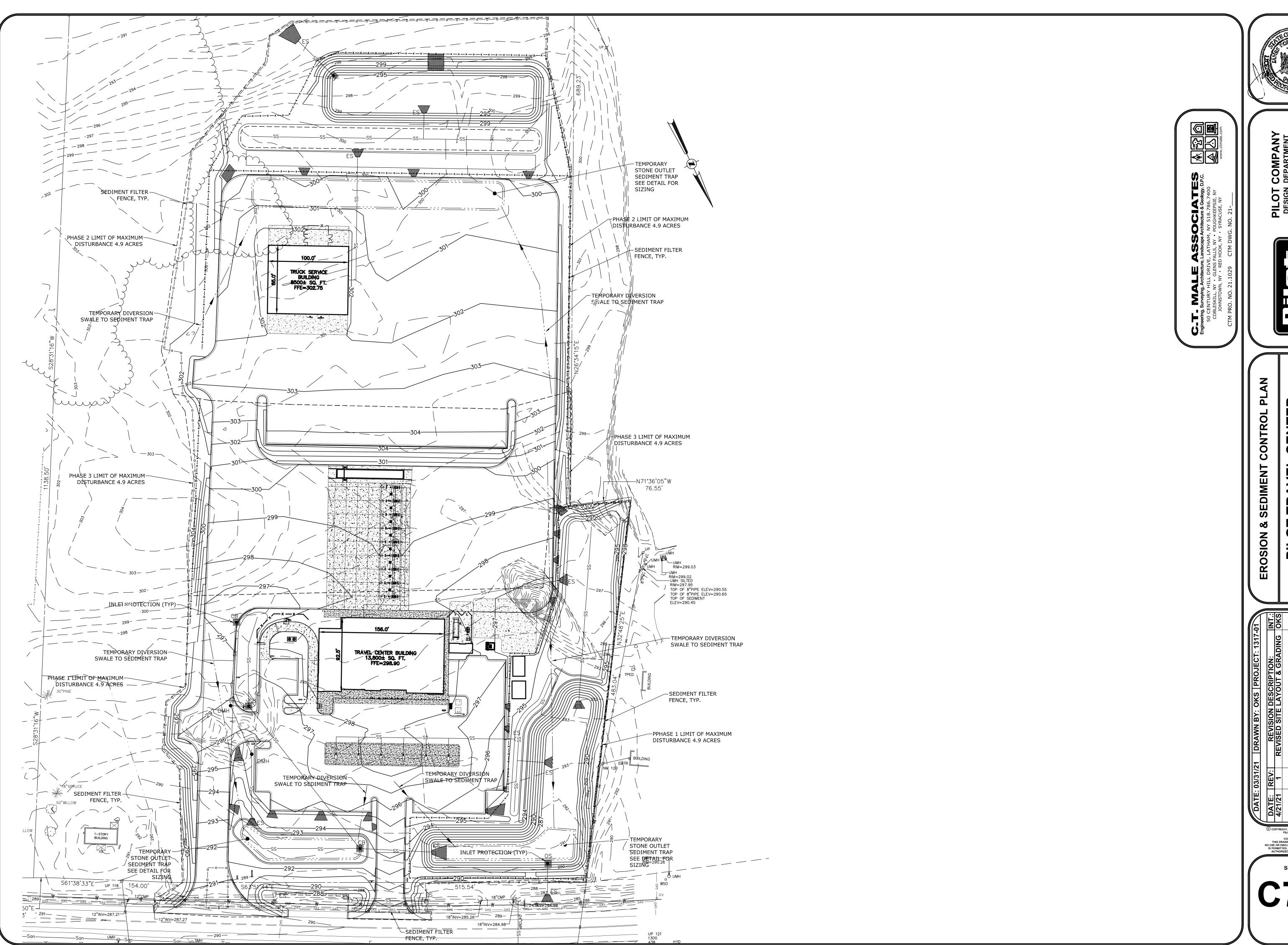
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SIDEW

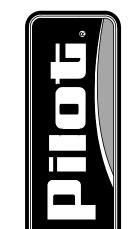




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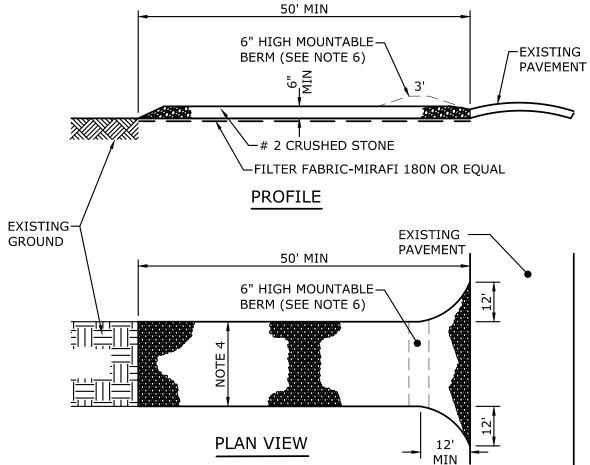






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PILOT

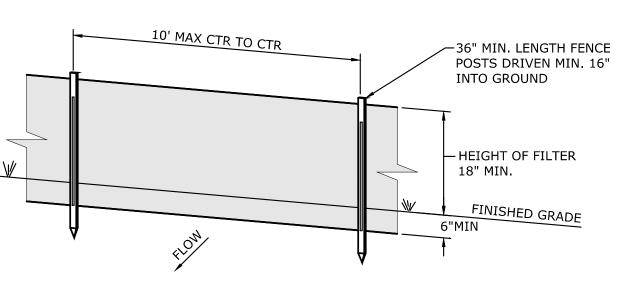


- 1. USE NYSDOT #2 STONE, RECLAIMED, OR RECYCLED CONCRETE OR APPROVED
- 2. THE LENGTH SHALL NOT BE LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- 3. CRUSHED STONE SHALL BE MAINTAINED AT A MINIMUM OF 6" IN DEPTH.
- 4. ENTRANCE SHALL HAVE A 12 FOOT MINIMUM WIDTH, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. ENTRANCE SHALL BE AT LEAST 24 FEET WIDE IF SINGLE ENTRANCE TO SITE.
- 5. GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE PLACING OF
- 6. ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS NOT PRACTICAL, A MOUNTABLE BERM WITH 1:5 SLOPES WILL BE PERMITTED.
- 7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY.
- 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

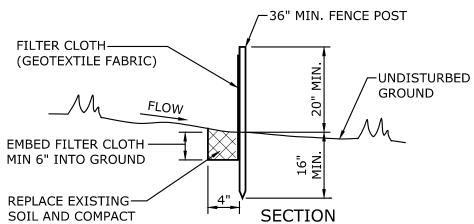


STABILIZED CONSTRUCTION ENTRANCE DETAIL



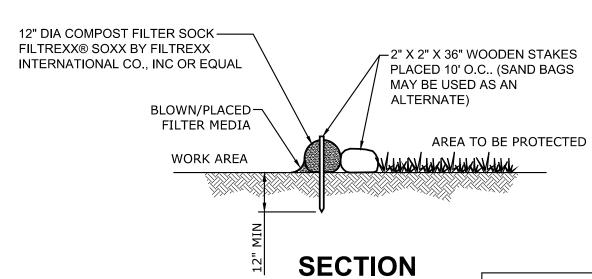


PERSPECTIVE VIEW

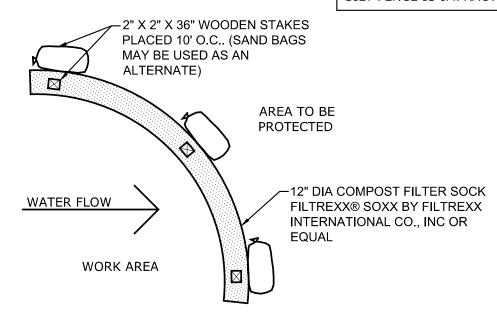


- 1. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- 2. FILTER CLOTH SHALL BE FASTENED SECURELY TO POSTS.
- 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6", FOLDED AND STAPLED.
- 4. FILTER CLOTH SHALL BE MIRAFI 100X OR APPROVED EQUAL.
- 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. WHEN THE ACCUMULATED SEDIMENT REACHES 30% OF THE SILT FENCE HEIGHT, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN AN APPROPRIATE UPLAND AREA.
- 6. PREFABRICATED UNITS SHALL BE MIRAFI SILT FENCE, MIRAFI ENVIROFENCE OR APPROVED EQUIVALENT.



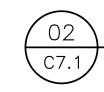


COMPOST FILTER SOCK MAY BE USED IN AREAS OF ROCK WHERE INSTALLATION OF SILT FENCE IS IMPRACTICAL



PLAN

- 1. FILL COMPOST FILTER SOCK WITH FILTER MEDIA APPROVED BY NYSDEC FOR THIS APPLICATION.
- 2. WHEN USING COMPOST FILTER SOCKS ADJACENT TO SURFACE WATER, THE COMPOST SHOULD HAVE A LOW NUTRIENT VALUE



COMPOST FILTER SOCK

GENERAL NOTES:

- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL CONFORM TO THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" (AUGUST 2005 ISSUE) AND ANY ADDENDA THERETO.
- 2. THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR UNTIL THE FINAL SURFACE TREATMENT HAS BEEN INSTALLED AND VEGETATED AREAS HAVE ESTABLISHED 80% COVERAGE. AFTER THE VEGETATED AREAS HAVE BEEN STABILIZED WITH AT LEAST 80% VEGETATIVE COVER, AS DETERMINED BY THE ENGINEER, THE OWNER SHALL ASSUME RESPONSIBILITY FOR MAINTAINING THE EROSION AND SEDIMENT CONTROL SYSTEM(S).
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE CONTRACT DOCUMENTS WILL NEED TO BE SUPPLEMENTED WITH INTERIM MEASURES PRIOR TO ACHIEVING FINAL GRADES. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN INTERIM EROSION AND SEDIMENT CONTROL MEASURES AS NEEDED TO CONTROL EROSION AND SEDIMENTATION THROUGHOUT THE DURATION OF CONSTRUCTION. THE DETAILS AND EXTENT OF THESE MEASURES ARE HIGHLY DEPENDENT ON THE CONTRACTORS MEANS AND METHODS AND THEREFORE NOT DETAILED ON THESE PLANS. THE COSTS ASSOCIATED WITH INSTALLING AND MAINTAINING THESE INTERIM MEASURES SHALL BE INCLUDED IN THE CONTRACTORS BID.
- CONSTRUCTION ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCING NOTES.
- OUTSIDE THE GROWING SEASON, OTHER METHODS OF SOIL STABILIZATION (SUCH AS THE USE OF JUTE MESH AND EXCELSIOR MATTING) SHALL BE USED UNTIL SUCH TIME AS VEGETATIVE COVER CAN BE ESTABLISHED.
- EXISTING VEGETATION SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE. SITE WORK ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE AREA AND DURATION OF SOIL DISTURBANCE. REMOVAL OF WOODY VEGETATION SHALL BE KEPT TO THE MINIMUM EXTENT PRACTICABLE.
- 7. INLET PROTECTION MEASURES SHALL BE INSTALLED AROUND STORM DRAIN INLETS OR WITHIN CB FRAMES TO PREVENT SEDIMENT LADEN WATER FROM ENTERING STORM SEWER SYSTEMS.

SEEDING & MULCHING NOTES:

- TEMPORARY STABILIZATION MEASURES SHALL START AS SOON AS PRACTICAL ON PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT NOT MORE THAN (7) DAYS AFTER WORK HAS CEASED. ACCEPTABLE TEMPORARY STABILIZATION MEASURES INCLUDE, BUT MAY NOT BE LIMITED TO SEEDING MULCH, STRAW, EROSION CONTROL BLANKETS, SOIL STABILIZING EMULSION PRODUCTS, OR SOME FUNCTIONALLY EQUIVALENT MEASURE. TEMPORARY SEEDING SHALL BE ANNUAL RYE GRASS, APPLIED AT A RATE OF 30 LBS./ACRE.
- TEMPORARY EROSION CONTROL PROTECTION BY MULCHING SHALL BE CARRIED OUT WITHIN (7) DAYS OF THE FILL GRADE BEING FINALIZED TO AVOID POSSIBLE CONTAMINATION OF PONDS, STREAMS, OR OTHER WATERCOURSES. PLACEMENT OF JUTE MESH OR EROSION CONTROL BLANKETS OVER THE MULCH IS RECOMMENDED TO PROVIDE POSITIVE "TACKING" OF THE MULCH AND INCREASED PROTECTION AGAINST EROSION.
- PERMANENT SEEDING AND MULCH SHALL BE APPLIED AS SOON AS THE DISTURBED AREAS HAVE ACHIEVED FINAL GRADE. IF THE SPECIFIED SEEDING DATES ARE MISSED, MULCH SHALL BE APPLIED TO THE SLOPE AND SEED SHALL BE APPLIED TO THE TOP OF THE MULCH IN THE NEXT SEEDING SEASON AFTER RECONDITIONING THE TOPSOIL. WHEN THE FINAL GRADE CANNOT BE OBTAINED IN (7) DAYS, MULCH SHALL BE APPLIED FOR PURPOSES OF TEMPORARY EROSION CONTROL.
- 4. THE UNDERLYING SOIL IN AREAS THAT WILL BE PERMANENTLY PERVIOUS (LAWN, GRASS AND LANDSCAPED AREAS) SHALL BE RESTORED IN ACCORDANCE WITH THE MEASURES IDENTIFIED IN THE JANUARY 2015, NYSDEC STORM WATER MANAGEMENT DESIGN MANUAL, SECTION 5.1.6 "SOIL RESTORATION".
- THE GRASS SEED BLEND SHALL BE AS SPECIFIED IN THE PROJECT MANUAL.
- SEEDING RATE SHALL BE 8 LBS. PER 1000 SQ.FT.

DUST CONTROL NOTES:

- 1. DUST SHALL BE CONTROLLED ON THIS PROJECT BY USE OF A WATER TRUCK.
- 2. THE QUALIFIED INSPECTOR WILL DETERMINE THE FREQUENCY OF WATER APPLICATION IN ORDER TO CONTROL DUST.
- 3. CHEMICALS OR OTHER METHODS OF DUST CONTROL ARE PROHIBITED TO BE USED ON THIS PROJECT, UNLESS APPROVED BY NYSDEC REGION 4.

SILT FENCE/COMPOST FILTER SOCK NOTES:

- 1. SILT FENCE/COMPOST FILTER SOCK SHALL BE PLACED ON THE DOWNSLOPE SIDE OF DISTURBED AREAS AND AROUND THE PERIMETER OF SOIL
- SILT FENCE/COMPOST FILTER SOCK SHALL BE PLACED AROUND THE BOUNDARY OF WETLANDS ADJACENT TO THE WORK AREA, AND AT THE EDGE OF WETLANDS AFTER CONSTRUCTION IS COMPLETED.
- SILT FENCE SHALL BE REPAIRED OR REPLACED WHEN THE ENDS ARE FRAYED OR WORN, AND WHEN THE FENCE IS NOT ANCHORED 6" INTO THE GROUND. WHEN THE ACCUMULATED SEDIMENT REACHES 30% OF THE SILT FENCE HEIGHT, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN AN APPROPRIATE UPLAND AREA.

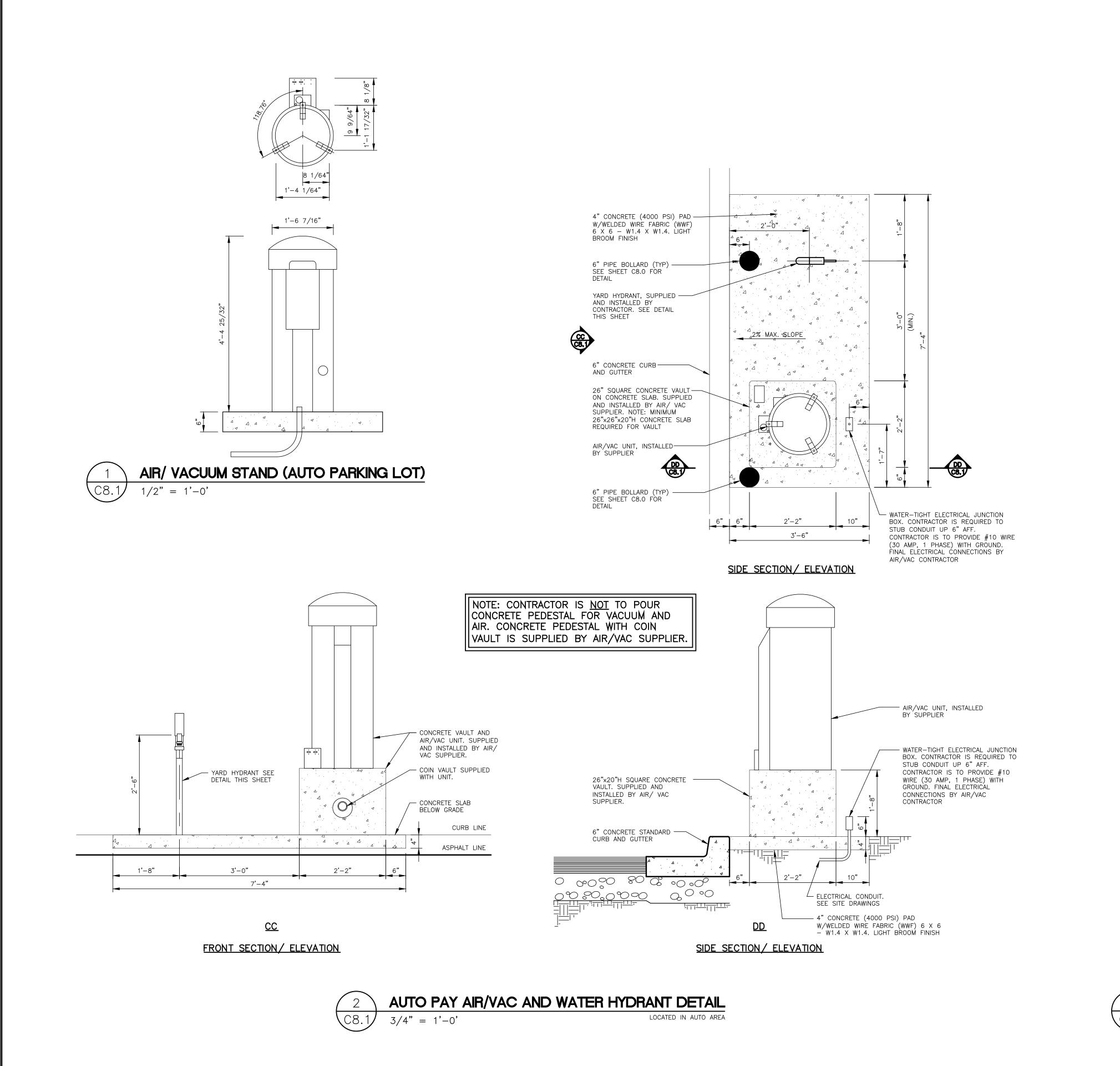


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ASSOCIATES re, Landscape Architecture & Geology, D.P.C.

CENTER DRIVE IEW YORK FRSIDE GLEN, NI

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— YARD HYDRANT SEE DETAIL THIS SHEET

3'-6"

AUTO PAY AIR/ VACUUM WITH WATER STAND

9'-0"

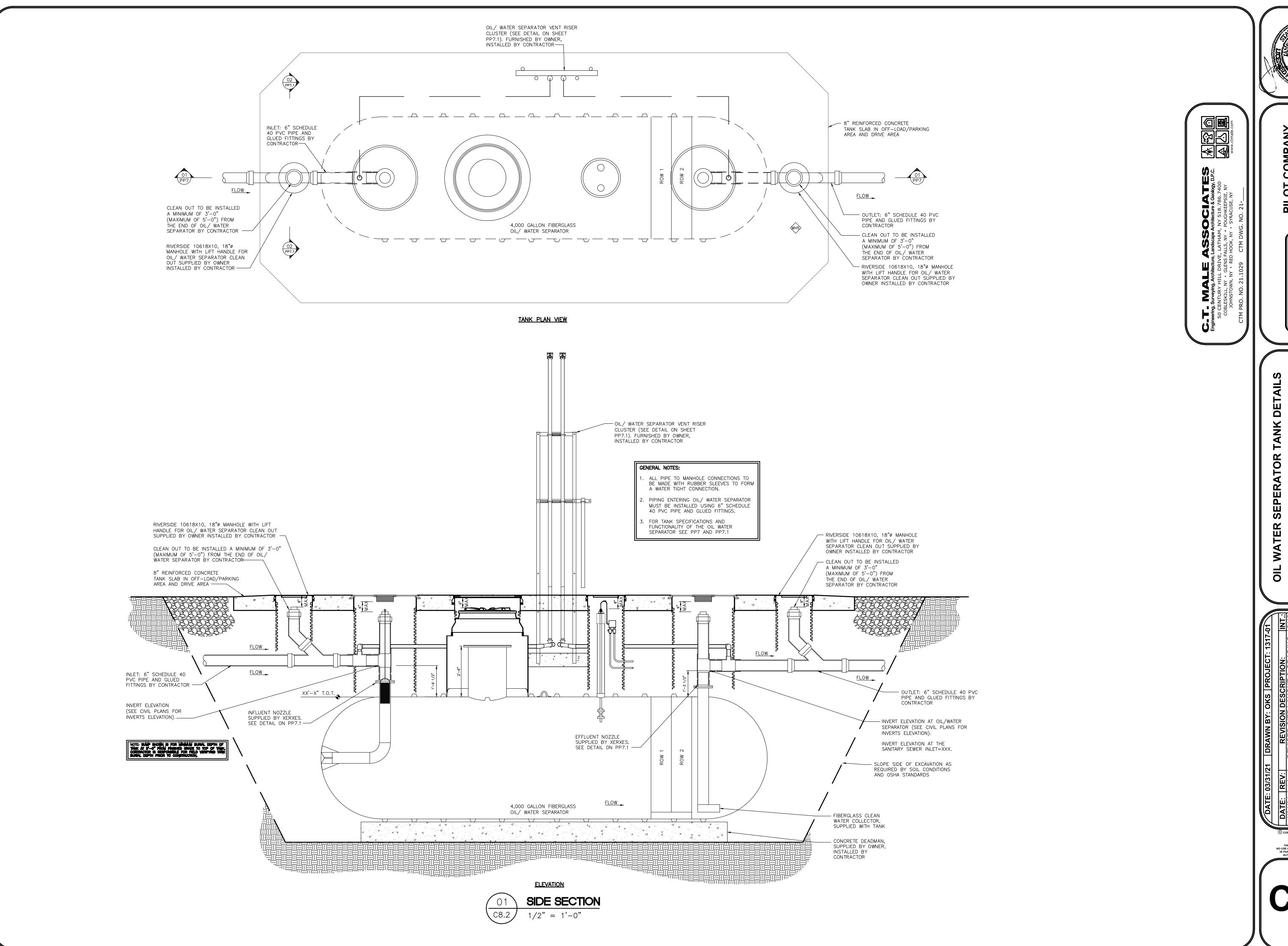
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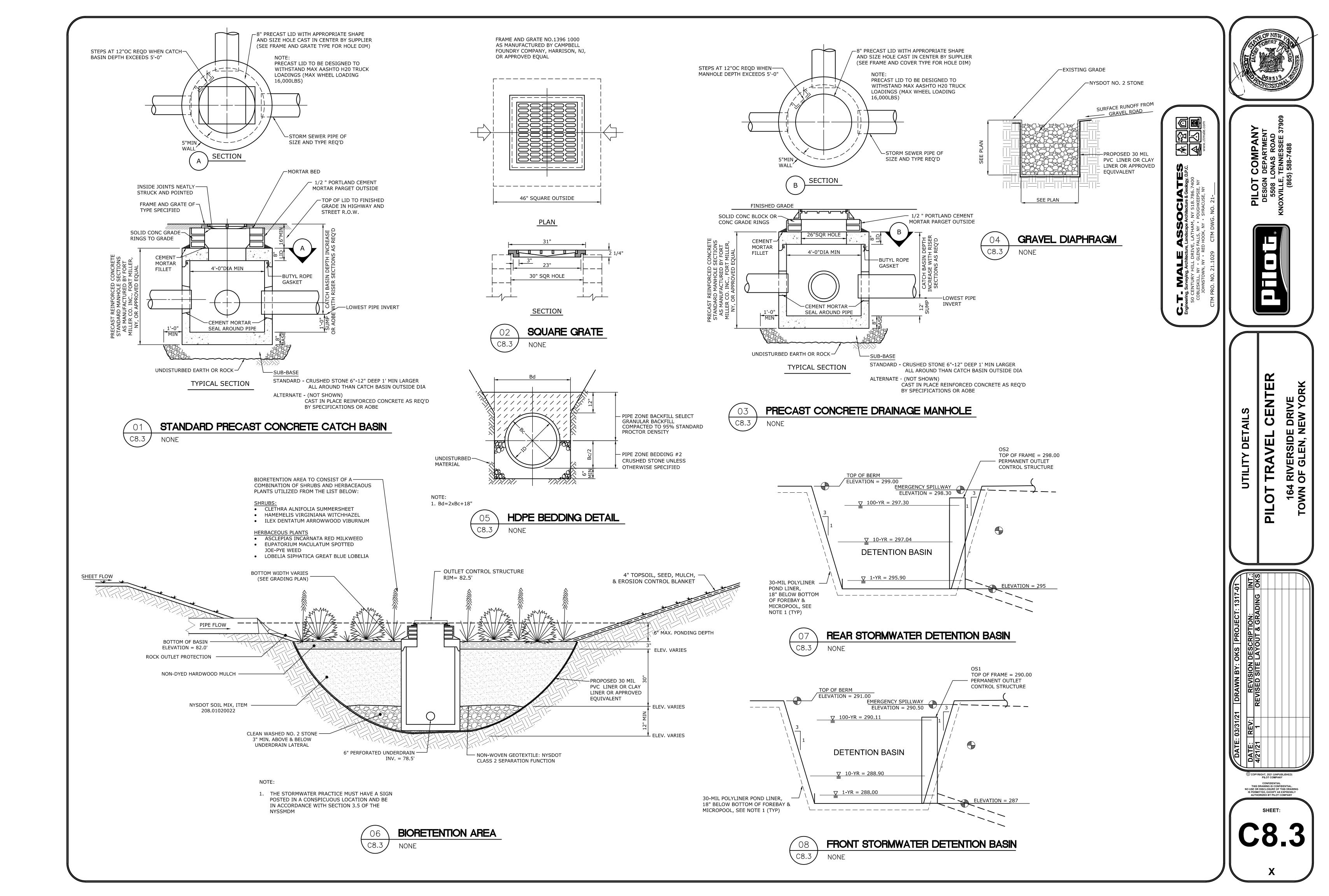
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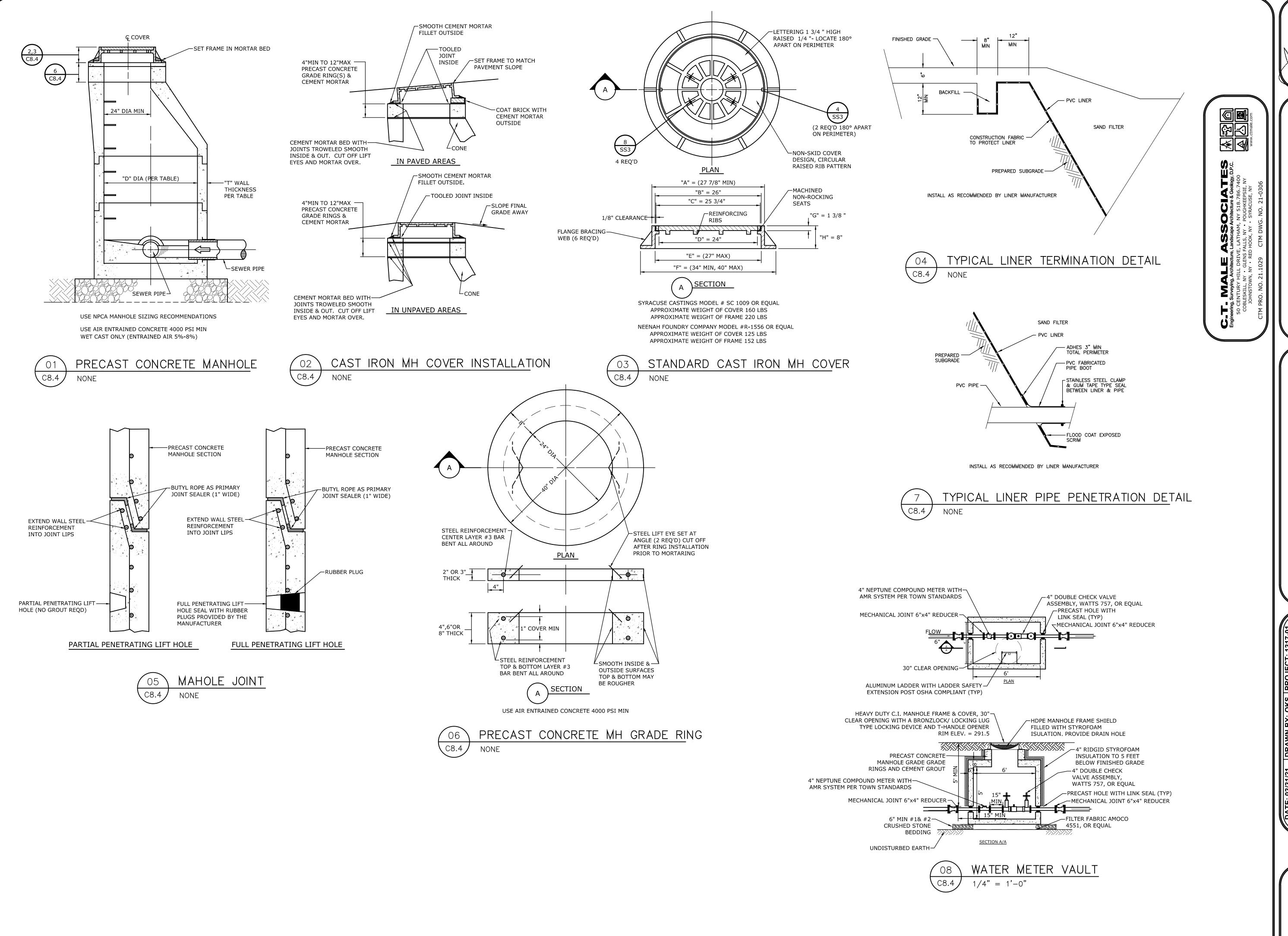


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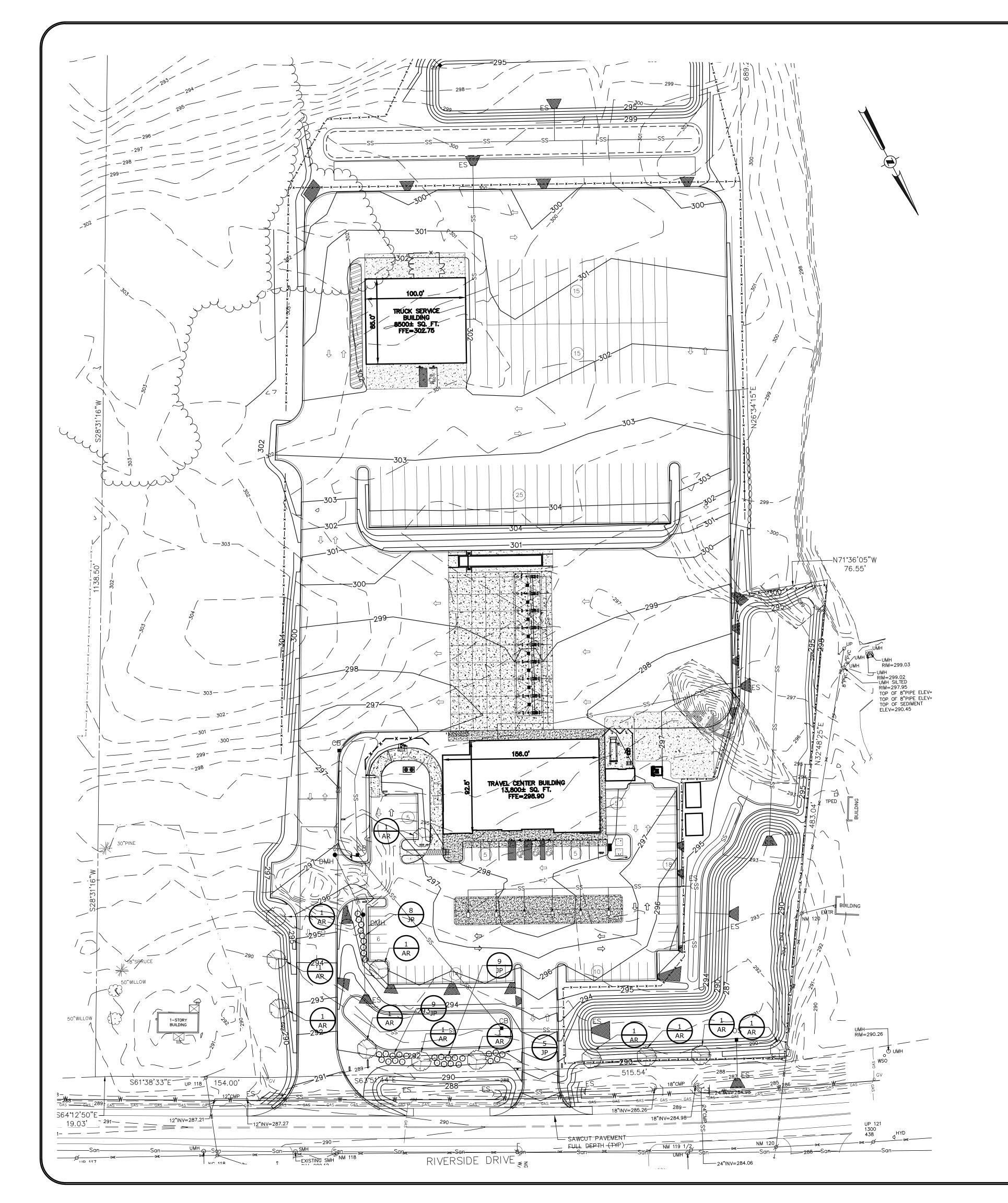
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		F	PLANTING SCH	IEDULE		
QTY	ABBR.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
TREES						
12	AR	ACER RUBRUM	RED MAPLE	2.5-3" CAL.	SEE PLAN	B&B
SHRUBS	S					
31	JP	JUNIPERUS PFITZERIANA C	COMPACT PFITZER JUNIPER	2' HEIGHT	SEE PLAN	B&B

GENERAL PLANTING NOTES:

- 1. TOPSOIL, SEED AND ESTABLISH LAWN IN ALL DISTURBED AREAS.
- 2. ALL SUBSTITUTIONS OF PLANT MATERIALS MUST BE APPROVED BY LANDSCAPE ARCHITECT (L.A.) OR ENGINEER BEFORE INSTALLATION, AND AFTER AWARD OF
- 3. L.A. ACCEPTS NO RESPONSIBILITY FOR DAMAGE TO PROPERTY OR PERSONAL INJURY OCCURRING DURING CONSTRUCTION OR THEREAFTER. CONTRACTOR IS RESPONSIBLE FOR ALL APPLICABLE INSURANCES.
- 4. ALL EVERGREEN PLANTS TO BE WILT-PROOFED IN LATE FALL. USE ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- 5. ALL MULCHED PLANTING BEDS TO BE EDGED WITH SPADE TO ALLOW FOR MIN. OF 4" OF LAWN TOPSOIL TO BE PLACED ADJACENT TO MULCHED BED EDGE. ALL LAWN AREAS TO RECEIVE 4" OF TOPSOIL, AS PER SPECIFICATIONS.
- 6. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO DIGGING. LOCATIONS SHOWN ON UTILITY PLANS ARE APPROXIMATE. CONTACT OWNER OR GENERAL CONTRACTOR FOR PLANS.
- 7. CONTRACTOR IS TO SUBMIT HYDROSEED MIXES TO L.A. OR ENGINEER FOR APPROVAL.
- 8. SEE DETAILS 1-3 ON THIS SHEET FOR PLANTING INSTALLATION. ALL TREES GREATER THAN 6' HEIGHT MUST BE STAKED AND GUYED PER DETAIL.
- 9. PLANTING PITS AND BEDS SHALL BE BACK FILLED TO THE DEPTHS INDICATED ON DETAILS. PREPARED SOIL MIX SHALL CONSIST OF A UNIFORM MIXTURE BY VOLUME OF 5 PARTS TOPSOIL, 2 PARTS PEAT MOSS, 1 PART SAND, AND PLANT FERTILIZER PER SPECIFICATIONS.
- 10. MULCH MATERIAL SHALL BE A HARDWOOD SHREDDED BARK MULCH DELIVERED IN BULK FORM. SAMPLES TO BE APPROVED BY OWNER. INSTALL AT A MIN. OF 3" IN BEDS, ISLANDS AND AROUND TREES. INSTALL MULCH WITHIN 3 DAYS OF PLANT INSTALLATION.
- 11. PLACE WEED FILTER FABRIC OVER GROUND AROUND BASE OF ALL EVERGREEN AND DECIDUOUS SHRUBS AND TREES IN THOSE AREAS TO BE MULCHED.
- 12. WEED FILTER FABRIC MATERIAL TO BE NON-WOVEN GEOTEXTILE, TYPAR 3301 OR EQUAL PLACED OVER SOIL AND AROUND PLANTS PRIOR TO MULCHING.
- 13. CONTRACTOR TO BROADCAST GRANULAR SLOW-RELEASE PRE-EMERGENT HERBICIDE, PER LABEL DIRECTIONS, PRIOR TO INSTALLING WEED FABRIC AND
- 14. CONTRACTOR TO ADJUST PLANTINGS AROUND HYDRANTS, LIGHT POLE BASES, AND OTHER UTILITIES SO AS NOT TO CONFLICT WITH ACCESS OR USE. CONSULT ENGINEER FOR PLACEMENTS.
- 15. SEE GRADING PLANS FOR GRADING INFORMATION.
- 16. PLANT MATERIALS SHALL BE GUARANTEED TO BE IN VIGOROUS, HEALTHY GROWING CONDITION FOR A PERIOD OF ONE YEAR AFTER COMPLETION OF LANDSCAPE INSTALLATION. SEE SPECIFICATIONS FOR MAINTENANCE REQUIREMENTS. SUBMIT GUARANTEE IN WRITING TO OWNER.
- 17. ALL DECIDUOUS TREES ISOLATED IN LAWN AREAS ARE TO BE MULCHED WITH 4' DIA. CIRCLE. EDGE TO MINIMIZE INTRUSION OF LAWN.
- 18. SPACING OF SHRUB PLANT MATERIAL SHALL BE MADE WITH KNOWLEDGE OF ANTICIPATED GROWTH HABITS OF PLANTS. DO NOT CROWD AROUND BASE OF TREES OR NEAR EDGES SUCH AS CURBS.

BIORETENTION AREA PLANTINGS TO CONSIST OF A COMBINATION OF SHRUBS AND HERBACEAOUS PLANTS UTILIZED FROM THE LIST BELOW:

SHRUBS:

CLETHRA ALNIFOLIA SUMMERSHEET

HAMEMELIS VIRGINIANA WITCHHAZELILEX DENTATUM ARROWWOOD VIBURNUM

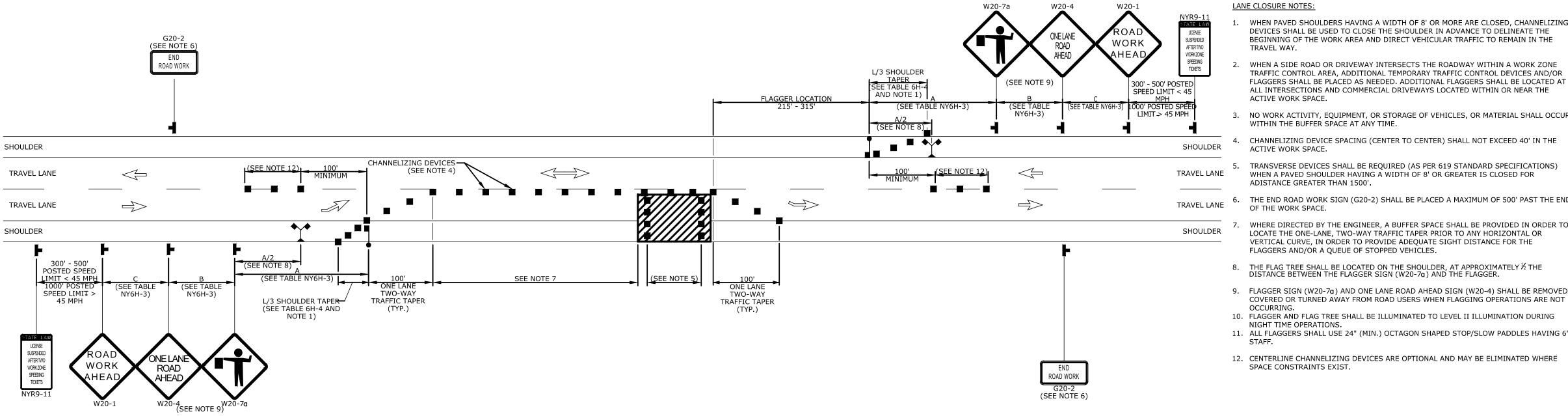
- HERBACEOUS PLANTS

 ASCLEPIAS INCARNATA RED MILKWEED
- EUPATORIUM MACULATUM SPOTTED JOE-PYE WEED
 LOBELIA SIPHATICA GREAT BLUE LOBELIA





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LANE CLOSURE NOTES:

- WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK AREA AND DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE
- WHEN A SIDE ROAD OR DRIVEWAY INTERSECTS THE ROADWAY WITHIN A WORK ZONE TRAFFIC CONTROL AREA, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AND/OR FLAGGERS SHALL BE PLACED AS NEEDED. ADDITIONAL FLAGGERS SHALL BE LOCATED AT ALL INTERSECTIONS AND COMMERCIAL DRIVEWAYS LOCATED WITHIN OR NEAR THE ACTIVE WORK SPACE.
- NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
- CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE
- 5. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR ADISTANCE GREATER THAN 1500'.
- 6. THE END ROAD WORK SIGN (G20-2) SHALL BE PLACED A MAXIMUM OF 500' PAST THE END
- WHERE DIRECTED BY THE ENGINEER, A BUFFER SPACE SHALL BE PROVIDED IN ORDER TO LOCATE THE ONE-LANE, TWO-WAY TRAFFIC TAPER PRIOR TO ANY HORIZONTAL OR VERTICAL CURVE, IN ORDER TO PROVIDE ADEQUATE SIGHT DISTANCE FOR THE FLAGGERS AND/OR A QUEUE OF STOPPED VEHICLES.
- 8. THE FLAG TREE SHALL BE LOCATED ON THE SHOULDER, AT APPROXIMATELY $^{1\!\!\!/}$ THE DISTANCE BETWEEN THE FLAGGER SIGN (W20-7a) AND THE FLAGGER.
- 9. FLAGGER SIGN (W20-7a) AND ONE LANE ROAD AHEAD SIGN (W20-4) SHALL BE REMOVED, COVERED OR TURNED AWAY FROM ROAD USERS WHEN FLAGGING OPERATIONS ARE NOT
- 10. FLAGGER AND FLAG TREE SHALL BE ILLUMINATED TO LEVEL II ILLUMINATION DURING NIGHT TIME OPERATIONS.
- 12. CENTERLINE CHANNELIZING DEVICES ARE OPTIONAL AND MAY BE ELIMINATED WHERE

SHORT DURATION LANE CLOSURE

SHOULDER TRAVEL LANE TRAVEL LANE SHOULDER BARRIER PLACEMENT 300' - 500' POSTED B A SHOULDE SPEED LIMIT < 45 (SEE TABLE NY6H-3) (SEE TABLE NY6H-3) TAPER (L/ 1000' POSTED SPEED (SEE TABLÉ TAPER 6H-4 FOR L) LIMIT > 45SEE TABLE 6C-2 AND NOTE 2) ROAD WORK

SHORT DURATION SHOULDER CLOSURE

SHOULDER CLOSURE NOTES:

TERM STATIONARY FLAGGING OPERATION.

SHOULD OCCUR WITHIN A BUFFER SPACE.

WORK IS 2 MILES TO 5 MILES, A

SHOULDER WORK SIGN (W21-5).

A DISTANCE OF MORE THAN 2 MILES.

SIGN AND WORK SHALL NOT EXCEED 5 MILES.

EXCEED 40' IN THE ACTIVE WORK SPACE.

ON THE STANDARD SHEET

WHEN THE MINIMUM LANE WIDTH OF 10' CANNOT BE MAINTAINED DUE TO

NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL

WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND

SUPPLEMENTAL DISTANCE PLAQUE (W7-3a) SHOULD BE USED WITH THE

THE ROAD WORK NEXT XX MILES SIGN (G20-1) MAY BE USED INSTEAD OF

5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A

LIMITED DISTANCE, THE DISTANCE BETWEEN THE ADVANCE WARNING

TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".

6. IN SITUATIONS WHERE MULTIPLE WORK LOCATIONS EXIST WITHIN A

CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT

TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD

GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR

THE ROAD WORK AHEAD SIGN (W20-1) IF WORK LOCATIONS OCCUR OVER

A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE

GENERAL TRAFFIC MAINTENANCE NOTES:

- 1. THE MAINTENANCE AND PROTECTION PLANS SHOWN ARE STANDARDS FOR THE MOST COMMON SITUATIONS. ADDITIONAL PROTECTION SHALL BE PROVIDED WHERE SPECIAL SITUATIONS OCCUR.
- 2. THE CONTRACTOR MAY SUBMIT REVISIONS TO THIS PLAN FOR APPROVAL. BUT ANY CHANGE THAT ALTERS THE BASIC CONCEPTS OF THE PLAN MUST BE APPROVED BY THE REGIONAL DIRECTOR, OR HIS DESIGNEE.
- 3. NO TEMPORARY LANE CLOSURES SHALL BE ALLOWED BEFORE SUNRISE OR AFTER SUNSET, OR AT OTHER TIMES WHEN VISIBILITY IS REDUCED TO LESS THAN 1000 FEET, UNLESS DIRECTED BY THE ENGINEER.
- 4. TRAVEL LANE WIDTH SHALL BE 10 FT MINUMUM AT ALL TIMES.
- 5. VEHICLES BELONGING TO THE CONTRACTOR, OR THE CONTRACTOR'S EMPLOYEES, SHALL NOT BE PARKED ON THE PAVEMENT OR SHOULDER, OR WITHIN 20 FEET OF THE EDGE OF PAVEMENT ALONG OR ADJACENT TO TRAVEL LANES OPEN TO TRAVEL, WITHIN THE PROJECT LIMITS.
- 6. THE CONTRACTOR SHALL NOT PARK EQUIPMENT OR STORE MATERIAL OVERNIGHT WHERE IT IS DEEMED BY THE ENGINEER TO BE A
- 7. ALL VEHICLES THAT WILL BE MOVING IN OR OUT OF TRAFFIC AT WORK AREAS SHALL BE EQUIPPED WITH AN APPROVED AMBER ROTATING SAFETY LIGHT. THE LIGHTS SHALL BE MOUNTED SO AS TO BE EASILY SEEN BY APPROACHING TRAFFIC.
- 8. DRIVING AGAINST TRAFFIC AT ANY TIME, REGARDLESS OF WHETHER THE AREA HAS BEEN CLOSED TO TRAFFIC, SHALL NOT BE PERMITTED, EXCEPT FOR TRAFFIC CONE PICK-UP, AND AS SPECIFICALLY PERMITTED BY THE ENGINEER.
- 9. PRIOR TO ANY REDUCTION IN ROADWAY WIDTH, THE CONTRACTOR SHALL PROVIDE THE ENGINEER TWENTY ONE (21) DAYS NOTICE SO HE/SHE MAY CONTACT THE REGIONAL PERMIT ENGINEER OF THE WIDTH RESTRICTIONS IN A TIMELY MANNER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY UPON THE REMOVAL OF THE LANE WIDTH RESTRICTION SO THE ENGINEER MAY NOTIFY THE REGIONAL PERMIT ENGINEER.
- 10. EXCAVATIONS THAT PRODUCE DROP-OFFS ON BOTH SIDES OF THE TRAVEL WAY AT THE SAME TIME SHALL NOT BE PERMITTED, SHOULDER AREAS SHOULD BE PREPARED TO RECEIVE THE SHOULDER PAVEMENT MATERIAL IMMEDIATELY AHEAD OF THE SHOULDER PAVING OPERATIONS TO MINIMIZE THE TIME A DROP-OFF EXISTS. "NO SHOULDER" (W4-13C) SIGNS SHALL BE ERECTED NO MORE THAN 1200 FEET APART THROUGHOUT THE PROJECT WHERE A DROP-OFF EXISTS.
- 11. THE BOTTOM OF ALL TEMPORARY CONSTRUCTION SIGNS SHALL BE A MINIMUM OF 7 FEET ABOVE THE SURFACE.
- 12. CONTRACTOR SHALL PROVIDE AND MAINTAIN SAFE AND ADEQUATE INGRESS AND EGRESS TO AND FROM HOMES AND COMMERCIAL ESTABLISHMENTS AT ALL TIMES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROVIDING SAFE PEDESTRIAN ACCESS AT ALL TIMES.
- 13. IF THE ENGINEER NOTIFIES THE CONTRACTOR OR HIS SUPERINTENDENT OF ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THAT AREA SHALL BE DISCONTINUED AND IMMEDIATE REMEDIAL ACTION SHALL BE TAKEN TO THE SATISFACTION OF THE ENGINEER BEFORE WORK IS RESUMED.
- 14. IN ORDER TO MAINTAIN EFFECTIVE TRAFFIC CONTROL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE TRAFFIC CONTROL - MAKING SURE ALL SIGNS, CONES, FLASHERS, DRUMS, ETC. ARE IN PLACE AND IN GOOD CONDITION. THE SOLE JUDGE OF THE EFFECTIVENESS OF THE CONTRACTOR'S EFFORTS TOWARDS THE PROTECTION OF TRAFFIC AND PERSONNEL SHALL BE THE ENGINEER'S.
- 15. FLAGGERS SHALL BE LOCATED AT ALL ACTIVE WORK AREAS AND AT OTHER LOCATIONS WITHIN A WORK AREA WHERE RESTRICTED SIGHT DISTANCE MPEDES THE FLOW OF TRAFFIC.
- 16. EXISTING TRAFFIC SIGNS SHALL BE COVERED AND UNCOVERED AS NECESSARY DURING CONSTRUCTION.
- 17. IN IN THE ENGINEER'S JUDGEMENT, FLAGS ON SIGNS ARE NECESSARY DUE TO LIMITED SIGHT DISTANCE THEY SHALL BE PROVIDED BY THE CONTRACTOR.
- 18. THE WORK AREA IS TO BE CLEANED DAILY AND LEFT IN AN ACCEPTABLE MANNER.
- 19. PEDESTRIAN AND BICYCLIST TRAFFIC SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES.



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BARRIER VEHICLE USE REQUIREMENTS (LONG TERM, INTERMEDIATE TERM, AND SHORT TERM STATIONARY CLOSURES)

			USE REQUIRE	4,5 MENTS	
CLOSURE TYPE	1 EXPOSURE CONDITION	FREEWAY	NON-FREEWAY (PRECONSTRUCT:	ION POSTED SPEEI	O LIMIT)
		FREEWAY	≥ 45 MPH	35-40 MPH	≤ 30 MPH
	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED 3	REQUIRED 3	REQUIRED 3	OPTIONAL 2
LANE CLOSURE	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED 3	REQUIRED 3	OPTIONAL 2	OPTIONAL 2
	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED 3	3 REQUIRED	OPTIONAL 2	OPTIONAL 2
SHOULDER CLOSURE	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	3 REQUIRED	OPTIONAL 2	OPTIONAL 2	OPTIONAL 2

- 1. THE EXPOSURE CONDITIONS DESCRIBED IN TABLE NY1-A ASSUMES THERE IS NO POSITIVE PROTECTION (TEMPORARY TRAFFIC BARRIER) PRESENT. WHERE WORKERS OR HAZARDS ARE PROTECTED BY A TEMPORARY TRAFFIC BARRIER, BARRIER VEHICLES ARE NOT REQUIRED.
- WHERE THE REQUIREMENT IS "OPTIONAL", EITHER A BARRIER VEHICLE OR THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.
- REQUIREMENTS SHALL INCLUDE PROVIDING A SEPARATE BARRIER VEHICLE FOR EACH CLOSED LANE AND EACH CLOSED PAVED SHOULDER 8' OR GREATER IN WIDTH. IF THE WORK SPACE MOVES WITHIN THE STATIONARY CLOSURE, THE BARRIER VEHICLE SHALL BE REPOSITIONED ACCORDINGLY. BARRIER VEHICLES PROTECTING NON-TRANSVERSABLE HAZARDS SHALL REMAIN IN PLACE DURING BOTH WORKING AND NON-WORKING HOURS UNTIL THE HAZARD NO LONGER EXISTS. EXCEPTIONS TO THESE REQUIREMENTS MAY BE MADE, AS APPROVED BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE WHÈRE BARRIER VEHICLE PLACEMENT WOULD BE INEFFECTIVE OR WOULD INTERFERE WITH THE SAFE OPERATION OF TRAFFIC.
- 4. BARRIER VEHICLES ARE NOT REQUIRED FOR MILLING AND/OR PAVING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.
- BARRIER VEHICLES ARE NOT REQUIRED FOR FLAGGING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE6C-2) SHALL BE PROVIDED.

	TABLE NY SHADOW VEHICLE USE (MOBILE CLO	REQUIREMENTS				
			USE REQUIRE	MENTS		
CLOSURE TYPE EXPOSURE CONDITION		FREEWAY	NON-FREEWAY (PRECONSTRUCTION POSTED SPEED LIMIT)			
		TREEWAT	≥ 45 MPH	35-40 MPH	≤ 30 MPH	
LANE CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	2,4 REQUIRED	2,4 REQUIRED	REQUIRED 2,4	2,4 REQUIRED	
SHOULDER CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED 2,4	2,4 REQUIRED	REQUIRED 2,4	REQUIRED 2,4	

- 1. A MOBILE CLOSURE SHALL BE USED FOR ANY WORK ACTIVITY THAT MOVES CONTINUOUSLY OR INTERMITTENTLY ALONG THE TRAVELED WAY OR SHOULDER SLOWER THAN THE PREVAILING SPEED OF TRAFFIC. CHANNELIZING DEVICES ARE NOT USED FOR MOBILE CLOSURES.
- SHADOW VEHICLES SHALL BE EQUIPPED WITH AN APPROVED REAR MOUNTED ATTENUATOR (TRUCK MOUNTED OR TRAILER MOUNTED) FOR THE FOLLOWING MOBILE CLOSURES: LANE CLOSURES ON FREEWAYS, LANE CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION POSTED SPEED LIMIT OF 35 MPH OR MORE, SHOULDER CLOSURES ON FREEWAYS, AND SHOULDER CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE.
- 3. FOR MOBILE LANE CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION POSTED SPEED LIMIT OF 30 MPH OR LESS AND MOBILE SHOULDER CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION SPEED LIMIT OF 40 MPH OR LESS, SHADOW VEHICLES ARE NOT REQUIRED TO BE EQUIPPED WITH A REAR MOUNTED
- 4. A SHADOW VEHICLE IS USED TO PROTECT EXPOSED WORKERS (ON FOOT OR IN A VEHICLE) AND SHALL BE REQUIRED FOR ALL MOBILE CLOSURES. SHADOW VEHICLE REQUIREMENTS SHALL INCLUDE PROVIDING A SEPARATE SHADOW VEHICLE FOR EACH CLOSED LANE AND EACH CLOSED PAVED SHOULDER 8' OR GREATER IN WIDTH. ADDITIONAL SHADOW VEHICLES MAY BE REQUIRED TO PROMOTE THE SAFE OPERATION OF TRAFFIC AND THE INCREASED PROTECTION OF EXPOSED WORKERS, AS DIRECTED BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE.

	TABLE 6H-4 FORMULAS	FOR DETERMINING TAPER LENGTHS
SPEED LIMIT (S) (MPH)	TAPER LENGTH (L) (FT.)	
(40 MPH) OR LESS	L = WS /60	L = TAPER LENGTH W = WIDTH OF OFFSET (FT.) S = PRECONSTRUCTION POSTED SPEED LIMIT (MPH)
(45 MPH) OR MORE	L = WS	
	STANDA	RD TAPER LENGTHS

				STANDARD '	TAPER LENGT	HS				
LATERAL SHIFT OF TRAFFIC		TEMI	PORARY TRAF	FIC CONTROL	ZONE POSTE	D SPEED LIM	IT			
FLOW PATH	(25 MPH)	(30 MPH)	(35 MPH)	(40 MPH)	(45 MPH)	(50 MPH)	(55 MPH)	(60 MPH)	(65 MPH)	(70 MPH)
4	45	60	85	110	180	200	220	240	260	280
5	55	75	105	135	225	250	275	300	325	350
6	65	90	125	160	270	300	330	360	390	420
7	75	105	145	190	315	350	385	420	455	490
8	85	120	165	215	360	400	440	480	520	560
9	95	135	185	240	405	450	495	540	585	630
10	105	150	205	270	450	500	550	600	650	700
11	115	165	225	295	495	550	605	660	715	770
12	125	180	245	320	540	600	660	720	780	840

	E 6C-2 BUFFER SPACE
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	DISTANCE
25	155 FT.
30	200 FT.
35	250 FT.
40	305 FT.
45	360 FT.
50	425 FT.
55	495 FT.
60	570 FT.
65	645 FT.

F	TA PLACEMENT DISTAN	BLE NY2-A ICE FOR BARRIER	R VEHICLES	
PRECONSTRUCTION	F	PLACEMENT DIST	ANCE (FT.)	
POSTED SPEED LIMIT		BARRIER VEH	ICLES*	
(MPH)	(18000 LB	S.)	(24000	LBS.)
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
> 55	100 FT.	200 FT.	100 FT.	200 FT.
45 - 55	100 FT.	200 FT.	85 FT.	165 FT.
< 45	85 FT.	165 FT.	50 FT.	100 FT.

* AS DEFINED IN NYSDOT STANDARD SPECIFICATION 619: BARRIER VEHICLE - VEHICLE USED FOR STATIONARY SHOULDER CLOSURES, LANE CLOSURES, AND OTHER STATIONARY WORK ZONES. MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

PI	TA LACEMENT DISTAN	BLE NY2-B ICE FOR SHADOW	/ VEHICLES	
PRECONSTRUCTION		PLACEMENT DIST	ANCE (FT.)	
POSTED SPEED LIMIT		SHADOW VEH	IICLES**	
(MPH)	(18000 LE	S.)	(24000 ا	_BS.)
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
> 55	230 FT.	330 FT.	180 FT.	280 FT.
45 - 55	180 FT.	280 FT.	150 FT.	250 FT.
< 45	100 FT.	200 FT.	100 FT.	200 FT.

* AS DEFINED IN NYSDOT STANDARD SPECIFICATION 619: SHADOW VEHICLE - VEHICLE USED FOR MOBILE OR SHORT DURATION

MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

TABLE 6C-3 TAPER LENGTH FOR TE TRAFFIC CONTROL	MPORARY
TYPE OF TAPER	TAPER LENGTH (L)
MERGING TAPER	L
SHIFTING TAPER	L/2
SHOULDER TAPER	L/3
ONE-LANE, TWO-WAY TRAFFIC TAPER	100 FT. MAXIMUM
DOWNSTREAM TAPER	100 FT. PER LANE

TABLE 619-4 FLARE RATES FOR POSITIVE BAR	RIER				
	1	POSTED S	SPEED LI	MIT	
TYPE OF POSITIVE BARRIER	30 MPH	40 MPH	50 MPH	55 MPH	65 MPH
TEMPORARY CONCRETE BARRIER	8:1	11:1	14:1	16:1	20:1
BOX BEAM OR HEAVY POST CORRUGATED BEAM	7:1	9:1	11:1	12:1	15:1
					-

	TABLE ADVANCE WARNII	NY6H-3 NG SIGN SPACIN	G		
	DISTANCE	BETWEEN SI	GNS	SIGN L	EGEND
ROAD TYPE	A (FT.)	B (FT.)	C (FT.)	xx	YY
URBAN (≤ 30 MPH*)	100	100	100	AHEAD	AHEAD
URBAN (35-40 MPH*)	200	200	200	AHEAD	AHEAD
URBAN (≥ 45 MPH*)	350	350	350	1000 FT.	AHEAD
RURAL	500	500	500	1500 FT.	1000 FT.
EXPRESSWAY / FREEWAY	1000	1500	2640	1 MILE	½ MILE

* PRECONSTRUCTION POSTED SPEED LIMIT

URBAN: (MEETS MORE THAN 1 OF THE FOLLOWING CRITERIA) SIDEWALKS, BICYCLE USAGE, CURBING, CLOSED DRAINAGE SYSTEMS, DRIVEWAY DENSITIES GREATER THAN 24 DRIVEWAYS PER MILE, MINOR COMMERCIAL DRIVEWAY DENSITIES OF 10 DRIVEWAYS PER MILE OR GREATER, MAJOR COMMERCIAL DRIVEWAYS, NUMEROUS RIGHT OF WAY CONSTRAINTS, HIGH DENSITY OF CROSS STREETS, 85TH PERCENTILE SPEEDS OF 45 MPH OR LESS.

RURAL: ANY AREA NOT EXHIBITING MORE THAN ONE OF THE ABOVE

EXPRESSWAY: DIVIDED HIGHWAYS FOR TRAFFIC WITH FULL OR PARTIAL CONTROL OF ACCESS AND GENERALLY WITH GRADE SEPARATIONS AT MAJOR CROSSROADS.

FREEWAYS/INTERSTATE: LOCAL OR INTER REGIONAL HIGH-SPEED, DIVIDED, HIGH-VOLUME FACILITIES WITH FULL OR PARTIAL CONTROL OF ACCESS.

	WORK DURATION DEFINITIONS
LONG-TERM STATION THAN 3 CONSECUTIV	ARY IS WORK THAT OCCUPIES A LOCATION MORE E DAYS.
MORE THAN ONE DAY	STATIONARY IS WORK THAT OCCUPIES A LOCATION LIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR STING MORE THAN 1 HOUR.
	NARY IS DAYTIME WORK THAT OCCUPIES A LOCATION DUR WITHIN A SINGLE DAYLIGHT PERIOD.
SHORT DURATION IS	WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.
MOBILE IS WORK THA	AT MOVES INTERMITTENTLY OR CONTINUOUSLY.

	WORK ZONE TRAFFIC CONTROL LEGEND
SYMBOL	DESCRIPTION
•••••	ARROW PANEL
• •	ARROW PANEL, CAUTION MODE
•••	ARROW PANEL TRAILER OR SUPPORT
⊢	CHANGEABLE MESSAGE SIGN (PVMS)
	CHANNELIZING DEVICE
	CRASH CUSHION/TEMPORARY IMPACT ATTENUATOR
L_	DIRECTION OF TEMPORARY TRAFFIC DETOUR
	DIRECTION OF TRAFFIC
-	FLAGGER
•	FLAG TREE
•—•	LUMINAIRE
11111	PAVEMENT MARKINGS THAT SHALL BE REMOVED FOR A LONG TERM PROJECT
F	SIGN, TEMPORARY
	TEMPORARY BARRIER
	TEMPORARY BARRIER WITH WARNING LIGHTS
○ ►	TRAFFIC OR PEDESTRIAN SIGNAL
	TYPE III BARRICADE
<u></u>	WARNING LIGHTS
	WORK SPACE
	WORK VEHICLE
	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR



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	WORK ZONE TRAFFIC CONTROL SIGN TABLE				
SIGN	M.U.T.C.D. CODE	COLOR CODE	CONVENTIONAL ROAD*	EXPRESSWAY	FREEWAY
ROAD WORK NEXTXMILES	G20-1	А	36"X18"	42"X24"	42"X24"
END ROAD WORK	G20-2	А	36"X18"	42"X24"	42"X24"
DETOUR	M4-10L	A	48"X18"	48"X18"	48"X18"
DETOUR	M4-10R				
LICENSE SUSPENDED AFTER TWO WORK ZONE SPEEDING TICKETS	NYR9-11	В	24"X42"	48"X84"	48"X84"
	W20-7a	A	36"X36"	48"X48"	48"X48"
	W21-1a	А	36"X36"	48"X48"	48"X48"
SHOULDER WORK	W21-5	А	30"X30"	48"X48"	48"X48"
ROAD WORK AHEAD ROAD WORK XXX FT X MILE	W20-1	A	36"X36"	48"X48"	48"X48"
ONELANE ROAD AHEAD ONELANE ROAD XXX FT X MILE	W20-4	А	36"X36"	48"X48"	48"X48"
NEXT X MILES	W7-3a	A	24"X18"	24"X18"	24"X18"
CENTERLANE CLOSED AHEAD LEFT LANE CLOSED CLOSED CLOSED AHEAD AHEAD	W20-5	A	36"X36"	48"X48"	48"X48"
TURN OFF 2-WAY RADIO AND CELL PHONE	W22-2	A	42"X36"	42"X36"	42"X36"
LEFT SHOULDER CLOSED AHEAD LEFT SHOULDER CLOSED XXX FT LEFT SHOULDER CLOSED XXX FT X MILE	W21-5bL W21-5bR	A	36"X36"	48"X48"	48"X48"

	WORK ZONE TRAFFIC CONTROL SIGN TABLE				
SIGN	M.U.T.C.D. CODE	COLOR CODE	CONVENTIONAL ROAD*	EXPRESSWAY	FREEWAY
35 MPH	W13-1	A	24"X24"	24"X24"	24"X24"
	W4-2L	А	36"X36"	48"X48"	48"X48"
	W4-2R	А	36"X36"	48"X48"	48"X48"
	W1-6L	А	401172411	40UV74U	400740
	W1-6R	А	- 48"X24"	48"X24"	48"X24"
	W1-8L	А	2611/4011	26 V40	26 V40
	W1-8R	А	- 36"X48"	36"X48"	36"X48"

GENERAL NOTES:

ALL SIGN, CONES, BARRELS, BARRICADES AND CONC BARRIERS 1. GENERAL: SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS OR AS DIRECTED BY THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

SIGN SUPPORT: THE CONTRACTOR SHALL SUPPLY ADEQUATE SUPPORTS SO THAT THE SIGNS ARE IN PROPER POSITION AND ALIGNMENT AS SHOWN IN THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, ALL SUPPORTS SHALL BE PAINTED WITH TWO(2) COATS OF WHITE PAINT.

3. SIGN PANELS: THE SIGN PANELS MAY BE MADE OF ALUMINUM, STEEL, OR PLYWOOD THE BACKS OF ALL WOOD SIGN PANELS SHALL RECEIVE TWO(2)

COATS OF WHITE PAINT. 4. SIGN FACE: COLOR - THE COLOR OF THE BACKGROUND AND THE LEGEND OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE MARGIN SHALL BE OF THE SAME COLOR AS SPECIFIED FOR THE BACKGROUND. THE BORDER

SHALL BE OF THE SAME COLOR AS THE LEGEND. SHAPE - THE SHAPE OF ALL SIGNS SHALL BE AS SHOWN ON THIS SHEET. CORNERS OF SIGNS SHALL HAVE ROUNDED CORNERS. REFLECTORIZATION - ALL SIGNS SHALL BE REFLECTORIZED USING HIGH INTENSITY REFLECTORIZED TAPE OR PAINT. ALL SIGNS SHALL BE CLEANED AND MAINTAINED REGULARLY. ALL SIGNS SHALL BE REVIEWED AT NIGHT AFTER ERECTION. ANY SIGNS NOT MEETING PROPER REFLECTION REQUIREMENTS WILL BE REPLACED.

LETTERING AND BORDERS - SIGN LETTERING, BORDERS AND MARGINS SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

5. SIGN LOCATION: ALL SIGNS SHALL BE LOCATED AS SHOWN ON THE CONTRACT PLANS OR AS SPECIFIED BY THE ENGINEER. SIGNS SHALL BE GENERALLY LOCATED ON THE RIGHT SIDE OF THE HIGHWAY FACING APPROACHING TRAFFIC. THE NEAR EDGE OF THE SIGN SHALL BE BETWEEN 6 AND 12 FEET FROM NEAREST EDGE OF THE TRAVELED ROADWAY OR

BETWEEN 2 AND 12 FEET FROM THE FACE OF THE VERTICAL CURB. SIGNS SHOULD GENERALLY BE PLACED AT RIGHT ANGLES TO TRAFFIC. ROADSIDE SIGNS SHOULD BE MOUNTED SO THAT THE BOTTOM OF THE SIGN IS APPROXIMATELY 5 FEET ABOVE THE EDGE OF PAVEMENT. SIGNS MOUNTED ON BARRICADES OR TEMPORARY SIGNS IN THE ROADWAY MAY BE AT LOWER HEIGHTS. ALL SIGNS SHALL BE LOCATED SO AS TO BE PLAINLY VISIBLE TO TRAFFIC.

6. MAINTENANCE:

THE CONTRACTOR SHALL KEEP SIGNS CLEANED AND CLEARED AT ALL TIMES. ALL SIGNS SHALL BE THE PROPERTY OF THE CONTRACTOR AND SHALL BE MAINTAINED IN GOOD CONDITION FOR THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE REMOVED FROM THE WORK SITE WHEN THE CONTRACT WORK IS ACCEPTED.

COLOR CODE LEGEND				
CODE	DESCRIPTION			
А	BLACK LEGEND AND BORDER ON A ORANGE BACKGROUND			
В	BLACK LEGEND AND BORDER ON A WHITE BACKGROUND			
С	WHITE LEGEND AND BORDER ON A GREEN BACKGROUND			
D	WHITE LEGEND AND BORDER ON A RED BACKGROUND			
E	RED LEGEND AND BORDER ON A WHITE BACKGROUND			
F	BLACK LEGEND AND BORDER ON A FLORESCENT YELLOW GREEN BACKGROUND			



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May 14, 2021

Mr. Tim Reilly Town of Glen Planning Board Chairman 7 Erie Street Fultonville, New York 12072

Re: Site Plan Review
Pilot Travel Center

Pilot Travel Center Project Town of Glen, County of Fulton

Dear Mr. Reilly:

Please find attached seven (7) copies of revised Plans and a SWPPP Plan with backup documentation for your consideration and use for continued review at the next Planning and Zoning Commission meeting. The plans and SWPPP Plan will also be uploaded to our file sharing site (OneHub) and are available for download. Additionally, we are attaching a sign schedule and survey depicting location and overhead sign types.

Also please find below responses to Douglas P. Cole comments from his review letter of April 12, 2021 for your consideration:

Building Permit Application

1. The information provided appears to be complete. The form will need to be signed and dated when officially submitted to the Town.

Acknowledged.

<u>FEAF - Part 1</u>: Note Responses to Part 1 comments and Part 2 will be provided under separate cover.

- 1. Question B. Government Approvals the applicant should include DEC or ACOE wetlands permits, if applicable.
- 2. Question D.1.d is unanswered.
- 3. Question D1.g.iii is unanswered.
- 4. Question D.2.j.vii is unanswered.
- 5. Applicant indicated in question E.1.h that there was a reported spill at the project site but did not complete the subsequent questions E.1.h.i and E.1.h.ii.
- 6. Question E.2.h.iv. was not complete. Applicant should identify the wetlands or waterbodies within or adjoining the project site regulated by any federal, state, or local agency.
- 7. Question E.2.m is unanswered. Please identify the predominant wildlife species that occupy or use the project site.
- 8. Question E.3.g is unanswered.

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Traffic Study

1. The Traffic Study referenced in an e-mail from CT Male to NYSCOT on 3/11/2021 has not been provided for review.

Submitted via e-mail on 4/20/21.

Site Plans

1. A Special Use Permit is required for a gasoline station in the Commercial District.

Acknowledged.

2. The proposed lot coverage is 42% which is more than the 20% allowed in the Town code. The lot coverage will need to be reduced or a variance applied for by the applicant.

The actual lot coverage is 4%.

3. The site plan needs to be certified and stamped by an Engineer.

Acknowledged Drawings are stamped by a NYS licensed engineer.

4. Adjacent landowner names and address to the South and East are not shown on the plan, as required.

Acknowledged and are located on the Survey base plan.

5. The site plan should be revised to show the setbacks on all sides of the property.

Acknowledged and added.

6. How are the building and parking lots located in the flood zone being addressed?

Buildings and parking are raised a minimum of 2' above the 100-year flood plain elevation.

a. Are there additional catch basins in these areas in the case of flooding?

The drainage design does not include catch basins due to elevation and stormwater strategy recommended by NYSDEC.

b. The transformers are located on the edge of the 100-year storm flood zone, DEC may require these to be raised to minimum height of 3' above the 100-year flood level. This should be considered by the applicant in the next phase of submission.

Acknowledged and are set 3' above 100 year flood level.

c. The proposed underground fuel tanks are in the 500-year flood zone. Applicant should consider and indicate proposed restraints to prevent tanks from uplifting.

The tanks have been raised above the 500 year flood level.

7. The Site Plan indicates stop signs and a freestanding sign will be located around the proposed site however the SS-Series of drawings have not been provided for details on all proposed signage. The Town of Glen requires details to be provided of proposed signage to confirm compliance and the applicant has already indicated at the Planning Board meeting last month that a height variance will be submitted.

May 14, 2021 Mr. Tim Reilly Page - 3

Requested sign location and details have been provided for review and conformance.

8. A landscaping plan has not been provided for review.

A landscaping plan is included in this submission.

9. A stormwater management plan has not been provided for review.

A Stormwater management plan, described in the SWPPP is provided in this submission along with soil boring logs.

10. The locations of proposed lighting are provided on the Elevation Plans however the ES-Series and SL-Series of drawings have not been provided for details of the types of lighting and fixture/pole details for our review.

A proposed lighting plan will be provided prior to the Planning Board meeting for review.

11. The Site Plan indicates that a 4' chain link fence with a 6' gate will be installed around the proposed site. Construction details of the proposed fence should be provided.

Details are provided in this submission.

12. The proposed Taco Bell drive through is located 60 ft or more from any public right away and meets the Town Code.

Acknowledged.

13. The maximum building height indicated on the Elevation Plans is 25′. This is below the maximum height of 30′ in the Town Code.

Acknowledged.

- 14. For new construction, a table containing the following information should be included on the Site Plan:
 - a. Area of building to be used.
 - b. Maximum number of employees
 - c. Maximum seating capacity
 - d. Number or parking spaces existing and required for the intended use.
 - e. Dimensions, materials, and designs of all structures

The above information will be provided for review prior to the Planning Board meeting.

15. The Site Plan provides no contours, The Town of Glen Code requires a minimum of 5' contours, the site plan should be revised to include existing and proposed contours for review.

A Grading Plan is provided in this submission for review.

16. The Town of Glen Code requires a site plan scale of one-inch equals 20 feet or less. The drawing set provides a scale of one-inch equals 50′. We find this scale to be adequate to show sufficient detail, in our opinion.

May 14, 2021 Mr. Tim Reilly Page - 4

Agreed, acknowledged.

Building Plans

1. An Interior Framing Plan has been provided for the main building that shows the proposed Pilot Travel Center interior layout. This should be reviewed by the Building Code Enforcement officer prior to issuance of a building permit.

Acknowledged.

2. Front, rear and side elevation drawings have been provided as required in the Town Code.

Acknowledged.

3. The Town Code requires elevation plans at a scale of $\frac{1}{4}$ " equals 1'. The provide Elevation Plans shows a scale of $\frac{3}{16}$ " equals 1', which, in our opinion, provides sufficient detail.

Acknowledged.

4. No floor plan or elevation views have been provided for the proposed Maintenance Building.

Updated plans for this building will be provided prior to next meeting for review.

SWPPP

1. The project narrative states the total acreage to be physically disturbed is 10+/- acres. As this is above the 1-acre threshold for preparing a full SWPPP, a full SWPPP should be provided for review and approval. The SWPPP needs to address handling of stormwater runoff from hot-spot (gas station) areas.

A SWPPP along with backup documentation is provided in this submission.

Respectfully submitted,

C.T. MALE ASSOCIATES

James R. Edwards, P.E. VP – Risk Management

To a Cu

C: Doug Cole, Prime Eng Jack Rymer, Pilot Frank Palumbo, CT Male

Full Environmental Assessment Form Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

•		
nd trucks, a travel center building was parking spaces and 57± truck panarily for truck traffic and one acces the proposed project is 11± acres.	ss primarily for automobile	
	$\phi = \mathbb{I}_{\mu}$	
Telephone:		
E-Mail: Jack.Rymer@pilottravelcenters.com		
State: Tennessee	Zip Code: 37909	
Telephone:		
E-Mail:		
	•	
State:	Zip Code:	
Telephone:		
E-Mail:		
State: New York	Zip Code: ₁₂₅₅₂	
	Telephone: E-Mail: Jack.Rymer@pile State: Tennessee Telephone: E-Mail: State: Telephone: E-Mail:	

B. Government Approvals

B. Government Approvals, assistance.)	Funding, or Spo	nsorship. ("Funding" includes grants, loans, ta	x relief, and any oth	er forms of financial
Government E	ntity	If Yes: Identify Agency and Approval(s) Required		tion Date projected)
a. City Counsel, Town Board or Village Board of Truste				-
b. City, Town or Village Planning Board or Commis	✓Yes□No ssion	Planning Board		
c. City, Town or Village Zoning Board of A				
d. Other local agencies	□Yes□No			
e. County agencies	⊈ Yes□No	County Planning - 239M Referral		
f. Regional agencies	□Yes□No			
g. State agencies	✓Yes □No	NYSDOT for Access and Utilities		·
h. Federal agencies i. Coastal Resources.	□Yes □No			
}	a Coastal Area, o	or the waterfront area of a Designated Inland Wa	aterway?	□Yes ☑No
ii. Is the project site locate iii. Is the project site within	d in a community a Coastal Erosion	with an approved Local Waterfront Revitalizati h Hazard Area?	on Program?	□ Yes☑No □ Yes☑No
C. Planning and Zoning				
C.1. Planning and zoning ac		mendment of a plan, local law, ordinance, rule o		
only approval(s) which must • If Yes, complete sect	be granted to enat tions C, F and G.	ple the proposed action to proceed? Inplete all remaining sections and questions in Pa		□ Yes[☑]No
C.2. Adopted land use plans		-F		
a. Do any municipally- adopte where the proposed action v		lage or county) comprehensive land use plan(s)	include the site	☑Yes□No
		ecific recommendations for the site where the pr	oposed action	☑ Yes□No
b. Is the site of the proposed a Brownfield Opportunity Ar or other?) If Yes, identify the plan(s): NYS Heritage Areas:Mohawk Valle	ea (BOA); design	ocal or regional special planning district (for exa ated State or Federal heritage area; watershed m	ample: Greenway; anagement plan;	✓Yes□No
c. Is the proposed action locat or an adopted municipal far If Yes, identify the plan(s):	ed wholly or parti rmland protection	ally within an area listed in an adopted municipal plan?	al open space plan,	□Yes☑No

C.3. Zoning	
 a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district? Commercial 	✓ Yes□No
b. Is the use permitted or allowed by a special or conditional use permit?	✓ Yes□No
c. Is a zoning change requested as part of the proposed action? If Yes, i. What is the proposed new zoning for the site?	□Yes☑No
C.4. Existing community services.	
a. In what school district is the project site located? Fonda-Fultonville Central School District	
b. What police or other public protection forces serve the project site? NYS State Police, Montgomery County Sheriff	
c. Which fire protection and emergency medical services serve the project site? Glen Volunteer Fire Department	
d. What parks serve the project site?	
D. Project Details	
D.1. Proposed and Potential Development	
a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mix components)? Commercial	ed, include all
b. a. Total acreage of the site of the proposed action? b. Total acreage to be physically disturbed? c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 17.82 acres 17.82 acres	
c. Is the proposed action an expansion of an existing project or use? i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, milesquare feet)? % Units:	
d. Is the proposed action a subdivision, or does it include a subdivision?	□Yes ✓No
If Yes, i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)	
 ii. Is a cluster/conservation layout proposed? iii. Number of lots proposed? iv. Minimum and maximum proposed lot sizes? Minimum	□Yes □No
e. Will the proposed action be constructed in multiple phases?	☐ Yes ✓ No
i. If No, anticipated period of construction: ii. If Yes:	.
 Total number of phases anticipated Anticipated commencement date of phase 1 (including demolition) month year Anticipated completion date of final phase Generally describe connections or relationships among phases, including any contingencies where progdetermine timing or duration of future phases: 	gress of one phase may
determine mining of daraness of faster passes.	

	t include new reside		·		□Yes ⊘ No
If Yes, show num	bers of units propos One Family	ed. <u>Two Family</u>	Three Family	Multiple Family (four or more)	
Initial Phase				and the second	
At completion					
of all phases		•	 _		
g. Does the propo	sed action include r	ew non-residential	construction (incl	iding expansions)?	✓ Yes No
If Yes,			`	3 1 1 1 1	E 2 40 E 210
i. Total number	of structures	nnoced etructures	26't haight	156'± width; and 93'± length	
iii. Approximate	extent of building s	pace to be heated o	or cooled:	22,300± square feet	•
				l result in the impoundment of any	✓Yes □No
liquids, such as	creation of a water	supply, reservoir,	pond, lake, waste l	agoon or other storage?	E 100 (110
If Yes,	impoundment: Sto	rmwater Mitigation a	nd Treatment		
	oundment, the princ			Ground water Surface water stream	ns Other specify:
Stormwater Ru	noff				
iii. If other than w	ater, identify the typ	e of impounded/c	ontained liquids an	d their source.	
iv. Approximate s	size of the proposed	impoundment.	Volume:	million gallons; surface area:	acres
v. Dimensions of	the proposed dam	or impounding stru	cture:	million gallons; surface area: _ height; length	
w. Construction r	nethod/materials to	r the proposed dan	n or impounding st	ucture (e.g., earth fill, rock, wood, cond	erete):
D.2. Project Ope	erations				•
a. Does the propos	sed action include a	ny excavation, min	ing, or dredging, d	uring construction, operations, or both?	☐Yes ✓ No
(Not including a materials will re	general site preparat	ion, grading or ins	tallation of utilities	or foundations where all excavated	
If Yes:	mam onsite)				
i.What is the pur	pose of the excavat	ion or dredging?		be removed from the site?	
ii. How much mat	erial (including rock	k, earth, sediments,	etc.) is proposed to	be removed from the site?	
Ower why	at duration of time?				
iii. Describe natur	e and characteristics	of materials to be	excavated or dreds	ed, and plans to use, manage or dispose	of them.
		.			
iv. Will there be	onsite dewatering or	processing of exc	avated materials?		Yes No
If yes, describ					
3371 4 1 4 4		1 . 10			
v. what is the tot	al area to be dredge eximum area to be v	d or excavated? /orked at any one t	ime?	acres acres	1
vii. What would be	e the maximum dep	th of excavation or	dredging?	feet	İ
viii. Will the excar	vation require blasti	ng?			☐Yes ☐No
				1000	
-					
b. Would the prop	osed action cause or	result in alteration	of, increase or dec	rease in size of, or encroachment	☐Yes ✓ No
	g wetland, waterboo	ly, shoreline, beacl	n or adjacent area?	•	_
If Yes: i. Identify the we	etland or waterhody	which would be af	fected (by name w	ater index number, wetland map numbe	r or geographic
description): _			and the state of t		or geographine
		· · · · · · · · · · · · · · · · · · ·			

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placer alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in s	ment of structures, or auare feet or acres:
alteration of channels, panks and shorelines. Indicate extent of activities, alterations and additions in s	
iii. Will the proposed action cause or result in disturbance to bottom sediments? If Yes, describe:	∐Yes ∏No
If Yes, describe: iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? If Yes:	☐ Yes ☐ No
acres of aquatic vegetation proposed to be removed:	
• expected acreage of aquatic vegetation remaining after project completion:	
 purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): 	
proposed method of plant removal:	
if chemical/herbicide treatment will be used, specify product(s):	
v. Describe any proposed reclamation/mitigation following disturbance:	
c. Will the proposed action use, or create a new demand for water?	✓Yes □No
If Yes:	
i. Total anticipated water usage/demand per day: 7,000 gallons/day	
ii. Will the proposed action obtain water from an existing public water supply?	√Yes No
If Yes:	
Name of district or service area: Town of Glen Water District 2	✓ Yes No
 Does the existing public water supply have capacity to serve the proposal? 	✓ Yes No
Is the project site in the existing district?	Yes No
Is expansion of the district needed?	☐ Yes ☐ No
Do existing lines serve the project site?	☐Yes ☑No
iii. Will line extension within an existing district be necessary to supply the project? If Yes:	□ 1 es [V]140
Describe extensions or capacity expansions proposed to serve this project:	
Source(s) of supply for the district:	
iv. Is a new water supply district or service area proposed to be formed to serve the project site? If, Yes:	☐ Yes ☑No
Applicant/sponsor for new district:	
Date application submitted or anticipated:	
Proposed source(s) of supply for new district:	
v. If a public water supply will not be used, describe plans to provide water supply for the project:	
vi. If water supply will be from wells (public or private), what is the maximum pumping capacity:	gallons/minute.
d. Will the proposed action generate liquid wastes?	✓ Yes □No
If Yes:	
i. Total anticipated liquid waste generation per day: 8,500± gallons/day	11 , 1
ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe	all components and
approximate volumes or proportions of each):	
Sanitary wastewater	
iii. Will the proposed action use any existing public wastewater treatment facilities?	✓ Yes No
If Ves	
Name of wastewater treatment plant to be used: Fonda Fultonville Wastewater	
Name of district: Town of Glen Sewer District 2	
 Does the existing wastewater treatment plant have capacity to serve the project? 	✓ Yes □No
Is the project site in the existing district?	✓ Yes □No
• Is expansion of the district needed?	∐Yes ∏ No

Do existing sewer lines serve the project site? Will the serve the project site?	✓Yes □No
 Will a line extension within an existing district be necessary to serve the project? If Yes: 	□Yes ☑No
Describe extensions or capacity expansions proposed to serve this project:	
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?	□Yes☑No
If Yes:	
Applicant/sponsor for new district: Data application submitted or article to decide to	
 Date application submitted or anticipated: What is the receiving water for the wastewater discharge? 	·
v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including spec	ifving proposed
receiving water (name and classification if surface discharge or describe subsurface disposal plans):	nying proposed
vi. Describe any plans or designs to capture, recycle or reuse liquid waste:	
e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point	√Yes □No
sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point	
source (i.e. sheet flow) during construction or post construction?	
If Yes: i. How much impervious surface will the project create in relation to total size of project parcel?	
Square feet or Square feet or scres (impervious surface)	
Square feet or 17.8± acres (parcel size)	
ii. Describe types of new point sources. Discharge from on-site stormwater treatment facilities	
iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent p	roperties,
groundwater, on-site surface water or off-site surface waters)?	
On-site Stormwater Treatment facilities	
If to surface waters, identify receiving water bodies or wetlands:	
11 to balling House, Identity 19991/Ing House obdito of Household	
 Will stormwater runoff flow to adjacent properties? 	☑Yes□No
iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?	
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel	□Yes☑No
combustion, waste incineration, or other processes or operations?	
If Yes, identify:	
i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)	
ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)	
iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)	
g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit,	□Yes ☑No
or Federal Clean Air Act Title IV or Title V Permit?	
If Yes:	
i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet	□Yes□No
ambient air quality standards for all or some parts of the year) ii. In addition to emissions as calculated in the application, the project will generate:	
• Tons/year (short tons) of Carbon Dioxide (CO ₂)	
• Tons/year (short tons) of Nitrous Oxide (N ₂ O)	
Tons/year (short tons) of Perfluorocarbons (PFCs)	l
• Tons/year (short tons) of Sulfur Hexafluoride (SF ₆)	ļ
Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)	
Tons/year (short tons) of Hazardous Air Pollutants (HAPs)	

 h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? If Yes: i. Estimate methane generation in tons/year (metric): ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generation, flaring): 	☐Yes☑No
electricity, natring).	
 i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): 	∐Yes √]No
j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? If Yes: i. When is the peak traffic expected (Check all that apply): ✓ Morning ☐ Evening ☐ Weekend ✓ Randomly between hours of 10 am to 12 noon. ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump truck 444 Trucks per day	
 iii. Parking spaces: Existing 0 Proposed 72 car Net increase/decrease	129 Yes √No access, describe: √Yes No Yes √No Yes √No
k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? If Yes: i. Estimate annual electricity demand during operation of the proposed action: 600 Kwh ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/tother): Via grid/local utility provider (National Grid) iii. Will the proposed action require a new, or an upgrade, to an existing substation?	
1. Hours of operation. Answer all items which apply. ii. During Operations: i. During Construction: ii. During Operations: • Monday - Friday: 7am - 6pm • Monday - Friday: 24 Hours • Saturday: 7am - 6pm • Saturday: 24 Hours • Sunday: 7am - 6pm • Sunday: 24 Hours • Holidays: 7am - 6pm • Holidays: 24 Hours	

m. Will the proposed action produce noise that will exceed existing ambient noise levels dur operation, or both?	ing construction,	✓ Yes □No
If yes:		
 i. Provide details including sources, time of day and duration: Typical noise related to construction sites. 		
ii. Will the proposed action remove existing natural barriers that could act as a noise barrier		
Describe:	or screen?	☐ Yes ☑ No
		
n. Will the proposed action have outdoor lighting?		
If yes:		☑ Yes □ No
 Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to neares Downward facing LED fixtures. All adjacent uses are commercial/industrial uses. 	t occupied structures:	
# Will managed action managed in the state of the state o		
ii. Will proposed action remove existing natural barriers that could act as a light barrier or so Describe:	reen?	☐ Yes ☑ No
o. Does the proposed action have the potential to produce odors for more than one hour per d	ay?	☐ Yes ☑ No
If Yes, describe possible sources, potential frequency and duration of odor emissions, and occupied structures:	proximity to nearest	
p. Will the proposed action include any bulk storage of petroleum (combined capacity of over	1 100 collons)	
or chemical products 185 gallons in above ground storage or any amount in underground s	1,100 gallons)	✓ Yes □No
If Yes:	torago:	
i. Product(s) to be stored Gasoline and Diesel		
ii. Volume(s) 950K Gal. per unit time Month (e.g., month, year)		
iii. Generally, describe the proposed storage facilities:		
Proposed site will be a Pilot Travel Center with retail Gasoline and Diesel Fuel service.		
 q. Will the proposed action (commercial, industrial and recreational projects only) use pesticionis insecticides) during construction or operation? If Yes: 	les (i.e., herbicides,	☐ Yes ☑ No
i. Describe proposed treatment(s):		
ii. Will the proposed action use Integrated Pest Management Practices?		
r Will the proposed action (commercial or industrial arrival a		☐ Yes ☑ No
r. Will the proposed action (commercial or industrial projects only) involve or require the man of solid waste (excluding hazardous materials)? If Yes:	agement or disposal	☑ Yes □No
i. Describe any solid waste(s) to be generated during construction or operation of the facility	:	
• Construction: tons per (unit of time)		
• Operation: 100 tons per Year (unit of time)		
 Operation: 100 tons per Year (unit of time) ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid d Construction: 	isposal as solid waste:	
Operation: A cardboard baler will be utilized to recycle Cardboard		
iii. Proposed disposal methods/facilities for solid waste generated on-site:		
Construction: On-site dumpsters with regular periodic pick up.	<u> </u>	
Operation: On-site dumpsters with regular periodic nick up		
		-

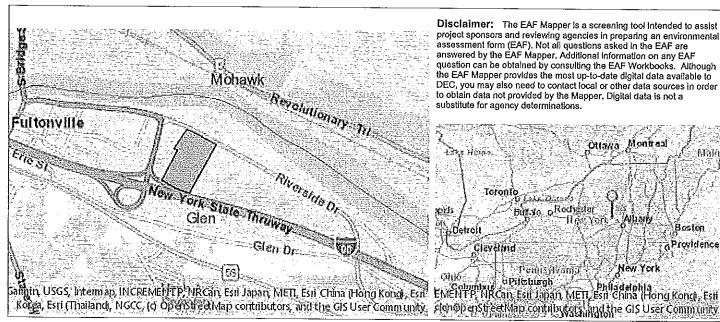
s. Does the proposed action include construction or modification of a solid waste management facility?					
If Vec.					
i. Type of management or handling of waste proposed for	the site (e.g., recycling	or transfer station, composting	, landill, or		
other disposal activities): ii. Anticipated rate of disposal/processing:					
ii. Anticipated rate of disposal/processing:	t (* 61				
• Tons/month, if transfer or other non-com	busnon/thermal treatme	ent, or			
Tons/hour, if combustion or thermal treat	tment				
iii. If landfill, anticipated site life:	years				
iii. If landfill, anticipated site life: t. Will the proposed action at the site involve the commercia	l generation, treatment,	storage, or disposal of hazardo	us ∐Yes √ No		
waste?					
If Yes:					
i. Name(s) of all hazardous wastes or constituents to be get					
		<u> </u>			
		violete.			
ii. Generally describe processes or activities involving haza					
G if a mount to be handled or generated tons!	month				
iii. Specify amount to be handled or generatedtons/ iv. Describe any proposals for on-site minimization, recycli	monui no or reuse of hazardoi	is constituents:			
ty. Describe any proposais for on-site infilmization, recycling	ing of found of fazardor				
v. Will any hazardous wastes be disposed at an existing of	fsite hazardous waste fa	cility?	□Yes□No		
If Yes: provide name and location of facility:					
•					
If No: describe proposed management of any hazardous was	tes which will not be se	ent to a hazardous waste facility	/:		
E. Site and Setting of Proposed Action					
T. d. Y. J					
E.1. Land uses on and surrounding the project site					
a. Existing land uses.					
i. Check all uses that occur on, adjoining and near the pro	ject site.				
☐ Urban 🗸 Industrial 🗸 Commercial ☐ Resident	ial (suburban) 🗀 Ru	iral (non-tarm)			
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (sp	pecify):				
ii. If mix of uses, generally describe:					
b. Land uses and covertypes on the project site.					
Land use or	Current	Acreage After	Change		
Covertype	Acreage	Project Completion	(Acres +/-)		
- 1 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
Roads, buildings, and other paved or impervious surfaces	0.02±	7.40±	+7.38±		
	5.55±	5.45±	-0.10±		
	0.002				
Meadows, grasslands or brushlands (non-	12.30±	5.02±	-7.28±		
agricultural, including abandoned agricultural)					
Agricultural					
	(includes active orchards, field, greenhouse etc.)				
Surface water features					
(lakes, ponds, streams, rivers, etc.)					
Wetlands (freshwater or tidal)					
Non-vegetated (bare rock, earth or fill)					
• Other					
Describe:					
		ı l			

c. Is the project site presently used by members of the community for public recreation? i. If Yes: explain:	□Yes☑No
d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes,	`Yes√No
i. Identify Facilities:	
e. Does the project site contain an existing dam? If Yes: i. Dimensions of the dam and impoundment:	☐ Yes☑No
• Dam height: feet	
Dam length: feet	
Surface area: acres	
Volume impounded: gallons OR acre-feet	
ii. Dam's existing hazard classification:	
iii. Provide date and summarize results of last inspection:	
f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facil If Yes:	☐Yes✔No ity?
i. Has the facility been formally closed?	☐Yes☐ No
If yes, cite sources/documentation:	
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:	
iii. Describe any development constraints due to the prior solid waste activities:	<u> </u>
g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? If Yes:	✓ Yes No
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurre Neighboring/adjacent site to east at 182 Riverside Drive as the Former White Mop Wringer site from 1967 to 1986 a Cyanide	d: based electroplating
operation.	
h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? If Yes:	Yes No
 i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: 	□Yes☑No
Yes - Spills Incidents database Provide DEC ID number(s):	
☐ Yes — Environmental Site Remediation database Provide DEC ID number(s): ☐ Neither database	
ii. If site has been subject of RCRA corrective activities, describe control measures:	
See below answer to below question iv. The contamination was at the adjacent site not the project site.	
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s): 429003	✓ Yes No
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):	
Adjacent site 182 Riverside drive. NYSDEC Hazardous Waste Management permit No. 4-2728-9/33-0. Closure included condeed restrictions are in place for the adjacent site.	rective actions and

v. Is the project site subject to an institutional control limiting property	uses?	☐ Yes ✓ No
If yes, DEC site ID number:		
 If yes, DEC site ID number: Describe the type of institutional control (e.g., deed restriction) 	or easement):	
Describe any use limitations:		
Describe any engineering controls: Will the project affect the institutional or engineering controls	in place?	☐ Yes ☐ No
Will the project affect the institutional of engineering controls Explain:		
• Explain.		
E.2. Natural Resources On or Near Project Site	0.5 6.4	
a. What is the average depth to bedrock on the project site?	Greater than 6.5 feet	
b. Are there bedrock outcroppings on the project site?		∐Yes√No
If Yes, what proportion of the site is comprised of bedrock outcropping	s?%	
c. Predominant soil type(s) present on project site: Phelps Gravelly l	_oam	
Cut and fill land	18.4 %	
Wayland Soils co	mplex1.6 %	
d. What is the average depth to the water table on the project site? Ave	rage:feet	
e. Drainage status of project site soils: Well Drained:	18.4 % of site	
e. Drainage status of project site soils. Well Drained: Moderately Well Drained:		
Poorly Drained	1.6 % of site	
f. Approximate proportion of proposed action site with slopes: 🗸 0-10		
f. Approximate proportion of proposed action site with stopes. (4) 0-10-1	5%:% of site	
☐ 15%	5%: % of site or greater: % of site	
g. Are there any unique geologic features on the project site?		☐ Yes ✓ No
If Yes, describe:		
h. Surface water features.i. Does any portion of the project site contain wetlands or other water	bodies (including streams, rivers,	∐Yes ∑ No
ponds or lakes)?		
ii. Do any wetlands or other waterbodies adjoin the project site?		✓ Yes□No
If Yes to either i or ii, continue. If No, skip to E.2.i.		
iii. Are any of the wetlands or waterbodies within or adjoining the pro	ject site regulated by any federal,	✓ Yes □No
state or local agency?	ti ti Callanda la Camadian	
iv. For each identified regulated wetland and waterbody on the project	Classification	
Streams: Name		
Lakes or Ponds: Name Wetlands: Name	Approximate Size	
Wetland No. (if regulated by DEC)		
v. Are any of the above water bodies listed in the most recent compila	tion of NYS water quality-impaired	☐Yes ∑ No
waterhodies?		
If yes, name of impaired water body/bodies and basis for listing as imp	aired:	
i. Is the project site in a designated Floodway?		□Yes √ No
j. Is the project site in the 100-year Floodplain?		✓Yes No
k. Is the project site in the 500-year Floodplain?		✓Yes No
l. Is the project site located over, or immediately adjoining, a primary,	principal or sole source aquifer?	√Yes No
If Van		
i. Name of aquifer: Principal Aquifer		
·		

m. Identify the predominant wildlife species that occupy or use the Birds, Squirrels and Chipmunks	project site:	
n. Does the project site contain a designated significant natural comm		
If Yes: i. Describe the habitat/community (composition, function, and basis)	•	□Yes Z No
ii. Source(s) of description or evaluation:		
iii. Extent of community/habitat:		
Currently: Following completion of project or proposed.	acres	
 Following completion of project as proposed: Gain or loss (indicate + or -): 	acres	
 o. Does project site contain any species of plant or animal that is listed endangered or threatened, or does it contain any areas identified as If Yes: i. Species and listing (endangered or threatened): 	habitat for an endangered or threatened spec	☐ Yes☑No ries?
p. Does the project site contain any species of plant or animal that is special concern?	listed by NYS as rare, or as a species of	□Yes ∕ INo
If Yes: i. Species and listing:		
q. Is the project site or adjoining area currently used for hunting, trapped in the proposed action may affect	ping, fishing or shell fishing? that use:	□Yes ☑No
E.3. Designated Public Resources On or Near Project Site		
 a. Is the project site, or any portion of it, located in a designated agric Agriculture and Markets Law, Article 25-AA, Section 303 and 304 If Yes, provide county plus district name/number: 	ultural district certified pursuant to 4?	∐Yes. ∕ INo
 b. Are agricultural lands consisting of highly productive soils present i. If Yes: acreage(s) on project site? ii. Source(s) of soil rating(s): 		∐Yes √ No
c. Does the project site contain all or part of, or is it substantially con Natural Landmark? If Yes:		□Yes √ No
	esignation and approximate size/extent:	
d. Is the project site located in or does it adjoin a state listed Critical E If Yes: i. CEA name:		☐Yes ✓No
u. basis for designation;		
iii. Designating agency and date:		

e. Does the project site contain, or is it substantially contiguous to, a buildir which is listed on the National or State Register of Historic Places, or the Office of Parks, Recreation and Historic Preservation to be eligible for list	t has been determined by the Commissio	✓ Yes No mer of the NYS ces?
If Yes: i. Nature of historic/archaeological resource: ☐ Archaeological Site ii. Name: New York State Barge Canal Historic District	☑Historic Building or District	
iii. Brief description of attributes on which listing is based:		
f. Is the project site, or any portion of it, located in or adjacent to an area darchaeological sites on the NY State Historic Preservation Office (SHPO	esignated as sensitive for) archaeological site inventory?	✓ Yes No
g. Have additional archaeological or historic site(s) or resources been ident If Yes: i. Describe possible resource(s):TDB - A Phase 1A/1B survey has been req ii. Basis for identification:	uested by OPRHP	∐Yes ∏No
h. Is the project site within fives miles of any officially designated and pub scenic or aesthetic resource? If Yes:	licly accessible federal, state, or local	V Yes ∏No
 i. Identify resource: Adirondack Trail, Revolutionary Byway ii. Nature of, or basis for, designation (e.g., established highway overlook etc.): Scenic Byway 		scenic byway,
iii. Distance between project and resource: 1.2 & 0.4 mile	S.	☐ Yes No
 i. Is the project site located within a designated river corridor under the W Program 6 NYCRR 666? If Yes: i. Identify the name of the river and its designation: 	nu, scene and recreational revolu	
ii. Is the activity consistent with development restrictions contained in 6N	YCRR Part 666?	□Yes □No
F. Additional Information Attach any additional information which may be needed to clarify your p If you have identified any adverse impacts which could be associated with measures which you propose to avoid or minimize them.		npacts plus any
G. Verification I certify that the information provided is true to the best of my knowledge	e.	
Applicant/Sponsor Name John Rymer I	Date_5/17/2021	
Signature John Rymer	Litle Project Manager	
,		



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations. Ottavia Montreal Bull'40 Okodiesler Providence Compliant obtleburgh Philadelphia
EMENTP, NRCan, Esti Japan, MET, Esti China (Hong Kong), Esti

B.l.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas:Mohawk Valley Heritage Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	429003
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	Yes
E.2.k. [500 Year Floodplain]	Yes
E.2.I. [Aquifers]	Yes
E.2.I. [Aquifer Names]	Principal Aquifer

É.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	New York State Barge Canal Historic District
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

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Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

	Agency Use Only [If applicable]
Project:	
Date:	

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency and the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- · Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "Yes" to a numbered question, please complete all the questions that follow in that section.
- If you answer "No" to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1) If "Yes", answer questions a - j. If "No", move on to Section 2.	□nc		YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	V	
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	$ \overline{\mathcal{L}} $	
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a		
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	Ø	
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	Dle	\(\rightarrow\)	
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	Ø	
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	Bli	\square	
h. Other impacts:			

2. Impact on Geological Features The proposed action may result in the modification or destruction of, or inhib access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) If "Yes", answer questions a - c. If "No", move on to Section 3.	it ☑NO		YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached:	E2g		
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature:	E3c		
c. Other impacts:	. :		□.
3. Impacts on Surface Water The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) If "Yes", answer questions a - 1. If "No", move on to Section 4.	□no		YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	\square	
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	Ø	
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	Ø	
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	V	
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	V	
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☑ .	
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	Ø	
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	V	
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	Ø	
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	V	
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	Ø	

1. Other impacts:			
4. Impact on groundwater The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquife (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) If "Yes", answer questions a - h. If "No", move on to Section 5.	□NC er.		YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	Ø	
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source:	D2c	V	
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	Ø	
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	7	
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	Ø	
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	Ø	
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	Ø	
h. Other impacts:		Ø	
5. Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) If "Yes", answer questions a - g. If "No", move on to Section 6.	□ио		YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	✓	
b. The proposed action may result in development within a 100 year floodplain.	E2j	Ø	
c. The proposed action may result in development within a 500 year floodplain.	E2k	Z	
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	Ø	
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	Ø	
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	Ø	

g. Other impacts:			
 6. Impacts on Air The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) If "Yes", answer questions a - f. If "No", move on to Section 7. 	✓NC		YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
 a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: i. More than 1000 tons/year of carbon dioxide (CO₂) ii. More than 3.5 tons/year of nitrous oxide (N₂O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF₆) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane 	D2g D2g D2g D2g D2g D2g		0 0 0 0
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	П	
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	()	
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g		
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	П	a
f. Other impacts:			
7. Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. mq.) If "Yes", answer questions a - j. If "No", move on to Section 8.			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E20	Ø	
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	Ø	
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	Ø	
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	Ø	

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	Ø	
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E2n	Ø	
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	Ø	
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source:	E1b	Ø	
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	Ø	
j. Other impacts:			
	I		
8. Impact on Agricultural Resources The proposed action may impact agricultural resources. (See Part 1. E.3.a. at If "Yes", answer questions a - h. If "No", move on to Section 9.		□NO	YES
8. Impact on Agricultural Resources The proposed action may impact agricultural resources. (See Part 1. B.3.a. at If "Yes", answer questions a - h. If "No", move on to Section 9.	nd b.) Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
The proposed action may impact agricultural resources. (See Part 1. E.3.a. at	Relevant Part I	No, or small impact	Moderate to large impact may
The proposed action may impact agricultural resources. (See Part 1. B.3.a. at If "Yes", answer questions a - h. If "No", move on to Section 9. a. The proposed action may impact soil classified within soil group 1 through 4 of the	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
The proposed action may impact agricultural resources. (See Part 1. E.3.a. at If "Yes", answer questions a - h. If "No", move on to Section 9. a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). c. The proposed action may result in the excavation or compaction of the soil profile of	Relevant Part I Question(s) E2c, E3b	No, or small impact may occur	Moderate to large impact may occur
The proposed action may impact agricultural resources. (See Part 1. E.3.a. at If "Yes", answer questions a - h. If "No", move on to Section 9. a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land. d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10	Relevant Part I Question(s) E2c, E3b E1a, Elb	No, or small impact may occur	Moderate to large impact may occur
The proposed action may impact agricultural resources. (See Part 1. B.3.a. at If "Yes", answer questions a - h. If "No", move on to Section 9. a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land. d. The proposed action may irreversibly convert agricultural land to non-agricultural	Relevant Part I Question(s) E2c, E3b E1a, Elb	No, or small impact may occur	Moderate to large impact may occur
The proposed action may impact agricultural resources. (See Part 1. E.3.a. at If "Yes", answer questions a - h. If "No", move on to Section 9. a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land. d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District. e. The proposed action may disrupt or prevent installation of an agricultural land	Relevant Part I Question(s) E2c, E3b E1a, Elb E3b E1b, E3a	No, or small impact may occur	Moderate to large impact may occur
The proposed action may impact agricultural resources. (See Part 1. E.3.a. at If "Yes", answer questions a - h. If "No", move on to Section 9. a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land. d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District. e. The proposed action may disrupt or prevent installation of an agricultural land management system. f. The proposed action may result, directly or indirectly, in increased development	Relevant Part I Question(s) E2c, E3b E1a, E1b E3b E1b, E3a El a, E1b C2c, C3,	No, or small impact may occur	Moderate to large impact may occur

9. Impact on Aesthetic Resources The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.) If "Yes", answer questions a - g. If "No", go to Section 10.	l U	0 []YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	Ø	
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	Ø	
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	Z	
 d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities 	E3h E2q, E1c	(Z)	
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	Ø	
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½-3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	Ø	
g. Other impacts:			
10. Impact on Historic and Archeological Resources The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) If "Yes", answer questions a - e. If "No", go to Section 11.			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	Ø	
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	Ø	
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory.	E3g	Ø	

d. Other impacts:			
If any of the above (a-d) are answered "Moderate to large impact may e. occur", continue with the following questions to help support conclusions in Part 3:			
 The proposed action may result in the destruction or alteration of all or part of the site or property. 	E3e, E3g, E3f	V	
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	\(\)	
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	Ø	
11. Impact on Open Space and Recreation The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.)			
If "Yes", answer questions a - e. If "No", go to Section 12.	Relevant	No, or	Moderate
	Part I Question(s)	small impact may occur	to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	0 .	
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q		П
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q		
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c		
e. Other impacts:			
12. Impact on Critical Environmental Areas The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) If "Yes", answer questions a - c. If "No", go to Section 13.	√ No	О []	YES
	Relevant	No, or	Moderate
If "Yes", answer questions a - c. If "No", go to Section 13.	Part I Question(s)	small impact	to large impact may
		may occur	occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d		0
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d		П
c. Other impacts:	1	-	o o
		J	L

13. Impact on Transportation The proposed action may result in a change to existing transportation systems. (See Part 1. D.2.j) If "Yes", answer questions a - f. If "No", go to Section 14.			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j		
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j		
c. The proposed action will degrade existing transit access.	D2j		
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j		П
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	П	
f. Other impacts:		<u> </u>	٥
14. Impact on Energy The proposed action may cause an increase in the use of any form of energy. (See Part 1. D.2.k) If "Yes", answer questions a - e. If "No", go to Section 15.			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	V	
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	Ø	
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	Ø	
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D2k D1g		
d. The proposed action may involve heating and/or cooling of more than 100,000 square			
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.		[2]	
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed. e. Other Impacts: 15. Impact on Noise, Odor, and Light The proposed action may result in an increase in noise, odors, or outdoor light (See Part 1. D.2.m., n., and o.)	D1g	Ø	YES
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed. e. Other Impacts: 15. Impact on Noise, Odor, and Light The proposed action may result in an increase in noise, odors, or outdoor light (See Part 1. D.2.m., n., and o.) If "Yes", answer questions a - f. If "No", go to Section 16.	ing. NO Relevant Part I Question(s)	Ø	
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed. e. Other Impacts: 15. Impact on Noise, Odor, and Light The proposed action may result in an increase in noise, odors, or outdoor light (See Part 1. D.2.m., n., and o.)	ing. NO	No, or small impact	YES Moderate to large impact may
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed. e. Other Impacts: 15. Impact on Noise, Odor, and Light The proposed action may result in an increase in noise, odors, or outdoor light (See Part 1. D.2.m., n., and o.) If "Yes", answer questions a - f. If "No", go to Section 16. a. The proposed action may produce sound above noise levels established by local	ing. NO Relevant Part I Question(s)	No, or small impact may occur	YES Moderate to large impact may occur

e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	Ø		
f. Other impacts:				
16. Impact on Human Health The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) If "Yes", answer questions a - m. If "No", go to Section 17.				
	Relevant Part I Question(s)	No,or small impact may cccur	Moderate to large impact may occur	
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	Ø		
b. The site of the proposed action is currently undergoing remediation.	Elg, Elh	V		
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	Elg, Elh	V		
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	Elg, Elh	Ø		
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	Elg, Elh	\(\sqrt{1} \)		
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	/		
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	Ø		
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	\square		
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s			
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	Elf, Elg Elh	V		
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	Elf, Elg	Ø		
The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r			
m. Other impacts:				

d. The proposed action may result in light shining onto adjoining properties.

 \checkmark

 \checkmark

D2n

17. Consistency with Community Plans			
The proposed action is not consistent with adopted land use plans.			YES
(See Part 1. C.1, C.2. and C.3.)		 ,	
If "Yes", answer questions a - h. If "No", go to Section 18.			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b		
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2		
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3		
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	0	
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, Elb		
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j		
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a		
h. Other:			
		}	
18. Consistency with Community Character	1		
18. Consistency with Community Character The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Ves" anyway questions a gas If "No" proceed to Part 2.	□NO	√ ∑	/ES
The proposed project is inconsistent with the existing community character.	·		
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3)	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3)	Relevant Part I	No, or small impact	Moderate to large impact may
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3. a. The proposed action may replace or eliminate existing facilities, structures, or areas	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3. a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community. b. The proposed action may create a demand for additional community services (e.g.	Relevant Part I Question(s) E3e, E3f, E3g	No, or small impact may occur	Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3. a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community. b. The proposed action may create a demand for additional community services (e.g. schools, police and fire) c. The proposed action may displace affordable or low-income housing in an area where	Relevant Part I Question(s) E3e, E3f, E3g C4 C2, C3, D1f	No, or small impact may occur	Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3. a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community. b. The proposed action may create a demand for additional community services (e.g. schools, police and fire) c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing. d. The proposed action may interfere with the use or enjoyment of officially recognized	Relevant Part I Question(s) E3e, E3f, E3g C4 C2, C3, D1f D1g, E1a	No, or small impact may occur	Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3. a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community. b. The proposed action may create a demand for additional community services (e.g. schools, police and fire) c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing. d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources. e. The proposed action is inconsistent with the predominant architectural scale and	Relevant Part I Question(s) E3e, E3f, E3g C4 C2, C3, D1f D1g, E1a C2, E3	No, or small impact may occur	Moderate to large impact may occur



ANDREW M. CUOMO Governor ERIK KULLESEID Commissioner

May 27, 2021

Owen Speulstra CT Male 50 Century Hill Drive Latham, NY 12110

Re: SEQRA

Pilot Travel Center Construction

164 Riverside Dr., Fultonville, NY 12072

21PR01766

Dear Owen Speulstra:

Thank you for requesting the comments of the Division for Historic Preservation of the Office of Parks, Recreation and Historic Preservation (OPRHP) as part of your SEQRA process. These comments are those of OPRHP and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8) and its implementing regulations (6 NYCRR Part 617).

OPRHP has reviewed the Phase IA/IB Archaeological Survey Report entitled "Phase IA/IB Cultural Resources Survey, Pilot Travel Plaza Development Project, Town of Glen, Montgomery County, New York" prepared by Birchwood Archaeological Services, Inc. (May 2021; 21SR00318). No archaeological sites were identified by the survey. Therefore, it is the opinion of the OPRHP that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

If you have any questions, I can be reached at Jessica. Schrever@parks.ny.gov.

Sincerely,

Jessica Schreyer Scientist Archaeology

Jessica E. Schreyen

Phase IA/IB Cultural Resources Survey Pilot Travel Plaza Development Project, Town of Glen, Montgomery County New York

prepared for

C.T. MALE ASSOCIATES 50 Century Hill Drive Latham, NY 12110

prepared by

David Moyer and Douglas Idleman

Birchwood Archaeological Services, Inc. 131 Marion Avenue Gilbertsville, NY 13776 www.birchwoodarchaeology.com

Management Summary

Phase IA/IB Cultural Resources Survey, Pilot Travel Plaza Development Project, Town of Glen, Montgomery County New York

SHPO Project Review Number:

Involved State and Federal Agencies: DEC

Phase of Survey: IA/IB

Location Information

Location: 164 Riverside Drive Minor Civil Division: Town of Glen

County: Montgomery

Survey Area (Metric & English)

Length: 900 ft approx (274.3 m) Width: 350 ft approx (106.7 m)

Depth: >5 ft (1.5 m)

Number of Acres Surveyed: 7.0

Number of Square Meters & Feet Excavated:

Percentage of the Site Excavated:

USGS 7.5 Minute Quadrangle Map: Tribes Hill

Archaeological Survey Overview

Number & Interval of Shovel Tests: 132 STPs (40 cm round) in 15 m (49.2 ft) intervals

Number & Size of Units: Width of Plowed Strips:

Surface Survey Transect Interval:

Results of Archaeological Survey

Number & name of prehistoric sites identified: 0 Number & name of historic sites identified: 0

Number & name of sites recommended for Phase II/Avoidance: 0

Results of Architectural Survey

Number of buildings/structures/cemeteries within project area: 0
Number of buildings/structures/cemeteries adjacent to project area: 2
Number of previously determined NR listed or eligible buildings/structures/cemeteries/districts: 0
Number of identified eligible buildings/structures/cemeteries/districts: 0

Report Author(s): David Moyer and Douglas Idleman

Date of Report: May 2021

Executive Summary

A Phase IA/IB Cultural Resources Survey has been completed for the proposed Pilot Travel Plaza Development Project, located on the south side of Riverside Drive (Route 920P) in the Town of Glen, Montgomery County, New York (Figures 1 and 2; Photos 1-30). The project entails the construction of a new gas station and travel plaza as well as a new truck service building, roadways, parking areas and utilities. Approximately 7.0 acres of a 13.0+/- acre parcel will be impacted by the proposed construction. Depth of the proposed ground disturbance will likely exceed 5 ft (1.5 m) where the building footprints and buried storage tanks are proposed.

The Phase IA literature review and sensitivity assessment indicated that the proposed project is highly sensitive for precontact archaeological remains due to its proximity to the Mohawk River and five precontact archaeological sites. The area is also considered highly sensitive for historic remains due to the long history of occupation in the Mohawk Valley and the proximity of the project to nine historic archaeological sites and 340 historic structures.

A Phase IB field examination was conducted to test for cultural deposits that may be impacted by the proposed project. A total of 132 shovel test pits (STPs) were excavated at 15 m (49.2 ft) intervals over the entire area of potential effects (APE). Four of these STPs (3.0%) encountered modern refuse consisting of brick and fragments of clear bottle glass. No precontact or historic artifacts were encountered, and no archaeological sites were identified as part of the subsurface testing.

Based on these findings, we find that the proposed project will have No Impact on any historic of precontact archaeological resources in the vicinity and recommend that the project be allowed to proceed. This recommendation is subject to the review and concurrence of the New York State Office of Parks, Recreation and Historic Preservation.

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Introduction

Birchwood Archaeological Services was contracted by C.T. Male Associates to conduct a Phase IA/IB Cultural Resources Survey for the proposed Pilot Travel Plaza Development Project, located in the Town of Glen, Montgomery County, New York. The overview had been requested to assess the potential that significant cultural resources may be located within the project area. The investigation was performed in compliance with Section 106 of the National Historic Preservation Act.

The current project area is situated in a partially wooded area on the south side of Riverside Drive (Route 920P) in the Town of Glen, Montgomery County, New York (Figures 1 and 2; Photos 1-30). The project entails the construction of a new gas station and travel plaza as well as a new truck service building, roadways, parking areas and utilities. Approximately 7.0 acres of a parcel measuring approximately 13 acres will be impacted by the proposed construction. Depth of the proposed ground disturbance will likely exceed 5 ft (1.5 m) where the building footprints and buried storage tanks are proposed.

Background research was conducted to assess the potential for prehistoric and historic resources on the property and provide contexts with which to interpret any findings (see Part I: Documentary Research). Field investigations were conducted by the principal investigator to identify any surface features in the project area (see Part II: Field Reconnaissance).

Part I: Documentary Research

Documentary sources and collections were consulted to gain an overview of the prehistory, history, and environmental setting of the project area and surrounding region. A search was also conducted to locate known archaeological sites, historic structures, and National Register properties within one mile of the project area. Sources of information that were consulted included:

- Office of Parks, Recreation and Historic Preservation (OPRHP) site files and survey reports
- New York State Museum site files (copies at OPRHP)
- National Register of Historic Places
- New York State Library and Archives, Albany
- Milne Library, SUNY Oneonta

Specific documentary references that were consulted are listed in the bibliography.

Environmental Setting

Montgomery County is located in east-central New York State and is located along the southern edge of the Mohawk River Valley. Elevation along the Mohawk in Montgomery County ranges from 200-300 ft (61-91 m) and increases to the south. Elevation in the rolling uplands just south of the Mohawk Valley is 1,000-1,400 ft (305-427 m) with the highest elevations near the borders with Schenectady, Schoharie, and Otsego Counties. The bedrock underlying Montgomery County is sedimentary in nature dominated by shales, sandstones, and siltstones with some limestone and dolostone bedrock formations in the northern sections of the county. Generally speaking, the oldest formations are found at the north end of Montgomery County and get younger to the south (Davis and Landry 1978).

Glaciation is the primary force that formed both the topography and soils of Montgomery County. Multiple glacial advances and retreats have eroded, moved, and deposited huge amounts of sediment with the last glacier retreating approximately 10,000 years ago. Glacial deposits such as kames, eskers, outwash terraces, and drumlins formed as the glaciers moved and then retreated. As the glaciers melted, glacial lakes formed, including a large one along the Mohawk River channel. As the ice melted, these glacial lakes released tremendous amounts of water that moved soils and carved stream paths throughout the area depositing many of the soils seen in the area today. Following the last glacial retreat, some areas of Montgomery show wind-blow redeposition of soils, but most natural soil formation and changes occurs due to flooding along the many small drainages as well as along the Mohawk River (Davis and Landry 1978).

The project area is located on a low, flat, glacial terrace in the Town of Glen, Montgomery County, New York. Elevation is approximately 291.0 ft (88.9 m) above sea level throughout the APE. The nearest named water source is the Mohawk River located 525.7 ft (160.2 m) north of the APE at its closest point. Many other named streams enter the Mohawk River within the vicinity of the APE. Cayadutta Creek is 1.3 mi (2.0 km) west of the APE, Danascara Creek is 1.5 mi (2.4 km) to the north-northeast, Auries Creek is located 2.2 mi (3.6 km) southeast of the APE, Schoharie Creek enters the Mohawk from the south 3.1 mi (5.1 km) east of the APE, and Van Wie Creek flows into the Mohawk 3.7 mi (5.9 km) to the southwest. Along with the larger named streams, many smaller unnamed streams also feed the above-mentioned streams or flow directly into the Mohawk River itself. The closest stream can be found 1,550.1 ft (472.5 m) to the northeast with three streams located 3,014.8 ft (918.9 m, 4,353.63 ft (1.3 km), and 1.8 mi (3.0 km) to the west, respectively.

Soils

The NRCS Web Soil Survey lists four soil types occurring within the APE: Cut and fill land (CFL map unit), Phelps gravelly loam (map unit PpB), Teel silt loam (map unit Te), Wayland soils complex (map unit Wy). Cut and fill land (CFL map unit) makes up areas along the APE boundary, starting from the northeastern corner of the APE and continuing along the northern, western, and southern boundary of the APE. This soil type land consists of areas of nearly level flood plain that have been disturbed by the removal or addition of soil material. The material and drainage are variable (Davis and Landry 1978:21). No soil profile is available for this soil type.

Phelps gravelly loam (map unit PpB) underlies the majority of the APE. The Phelps series consists of very deep, moderately well drained soils formed in glacial outwash. They are nearly level and gently sloping soils formed in loamy material overlying calcareous, stratified gravel and sand. A typical profile of Phelps gravelly loam is provided below in Table 1.

Table 1. Typical soil profile of Phelps gravelly loam.

Horizon		Typical son prome of rheips graveny loam.
Horizon	Depth	Description
Ap	0-9 in (0-23 cm)	very dark grayish brown (10YR 3/2) gravelly loam; moderate medium granular structure; friable; many fine roots; 25 percent rock fragments; slightly acid; abrupt smooth boundary.
Bt/E	9-14 in (23-36 cm)	dark yellowish brown (10YR 4/4) gravelly loam; moderate medium subangular blocky structure; friable; few fine roots; pale brown (10YR 6/3) coats of clean sand grains on faces of peds 1 to 2 mm thick that constitutes less than 15 percent of the layer; clay films on surfaces along pores; 25 percent rock fragments; slightly acid; clear wavy boundary.
Bt	14-25 in (36-64 cm)	dark reddish brown (5YR 3/3) gravelly clay loam; moderate medium subangular blocky structure; friable and sticky; few fine roots; clay films on surfaces along pores in many medium pores; thick patchy clay films on faces of peds; 30 percent rock fragments; few medium distinct reddish gray (5YR 5/2) areas of iron depletion; neutral; clear wavy boundary.

Table 1. Typical soil profile of Phelps gravelly loam (continued).

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Horizon	Depth	Description	
BC	25-34 in	dark reddish brown (5YR 3/3) gravelly clay loam; weak coarse	
	(64-86 cm)	subangular blocky structure; friable and sticky; porous with clay film in	
		some pores; 30 percent rock fragments; few medium prominent strong	
		brown (7.5YR 5/6) masses of iron accumulation; neutral; clear irregular	
		boundary.	
2C	34-60 in	brown (7.5YR 4/2) stratified gravel and sand; single grain; loose; 40	
	(86-152 cm)	percent rock fragments; moderately alkaline, slightly effervescent.	

Teel silt loam (map unit Te) is found only in a very small area at the northern corner of the APE The Teel series consists of very deep, moderately well drained soils on floodplains. They formed in nearly level, silty alluvial deposits. A typical profile of Teel silt loam is provided below in Table 2.

Table 2. Typical soil profile of Teel silt loam.

Table 2. Typical son profile of Teel sht toam.			
Horizon	Depth	Description	
Ap	0-10 in	very dark grayish brown (10YR 3/2) silt loam, gray (10YR 6/1) dry;	
	(0-25 cm)	moderate medium granular structure; friable; many roots; slightly acid; abrupt smooth boundary.	
Bw1	10-18 in	dark grayish brown (10YR 4/2) silt loam; weak fine subangular blocky	
	(25-46 cm)	structure; friable; common fine and medium roots; many fine pores; neutral; gradual smooth boundary.	
Bw2	18-24 in	brown (10YR 4/3) silt loam; weak medium subangular blocky structure;	
	(46-61 cm)	friable; common roots; many fine pores; common medium faint grayish brown (10YR 5/2) iron depletions within the matrix; neutral; clear smooth boundary.	
BCg	24-38 in	grayish brown (10YR 5/2) silt loam; weak coarse prismatic structure;	
	(61-97 cm)	friable; few roots in upper part; many fine pores; common fine faint	
		yellowish brown (10YR 5/4) and distinct brown (7.5YR 5/4) masses of iron accumulation within the matrix; neutral; gradual smooth boundary.	
Cg	38-72 in	dark grayish brown (10YR 4/2) silt loam; massive; friable; common fine	
	(97-183 cm)	pores; common medium faint dark yellowish brown (10YR 4/4) masses	
		of iron accumulation within the matrix; neutral.	

The Wayland soils complex (map unit Wy) underlies the southern corner of the APE. The Wayland series consists of very deep, poorly drained and very poorly drained, nearly level soils formed in recent alluvium. These soils are in low areas or slackwater areas on flood plains. A typical profile of Wayland silt loam is provided below in Table 3.

Table 3. Typical soil profile of Wayland silt loam.

Horizon	Depth	Description
A	0-6 in (0-15 cm)	very dark grayish brown (10YR 3/2) silt loam; light brownish gray (10YR 6/2) dry; strong medium and coarse granular structure; friable; common fine prominent yellowish brown (10YR 5/8) masses of iron
		accumulation within old root channels; neutral; clear smooth boundary
Bg1	6-12 in (15-30 cm)	dark grayish brown (10YR 4/2) silt loam; weak fine and medium subangular blocky structure; friable; slightly sticky; many fine roots in upper part; common medium distinct dark yellowish brown (10YR 4/4) masses of iron accumulation in the matrix; slightly acid; clear smooth boundary.
Bg2	12-18 in (30-46 cm)	grayish brown (10YR 5/2) silt loam; weak fine and medium subangular blocky structure; friable; slightly sticky; many fine roots in upper part; common medium distinct yellowish brown (10YR 5/6) and dark yellowish brown (10YR 4/4) masses of iron accumulation in the matrix; slightly acid; clear wavy boundary.
C1	18-46 in (46-117 cm)	silt loam; massive; friable; common medium distinct strong brown (7.5YR 5/8) masses of iron accumulation in the matrix; neutral; abrupt wavy boundary.
C2	46-72 in (117-183 cm)	firm in place, slightly plastic; common medium distinct strong brown (7.5YR 5/8) masses of iron accumulation in the matrix; slightly effervescent; slightly alkaline.

The above soil description suggests that all buried historic and prehistoric resources should be confined to the A, E, and upper B horizons, to a depth of 46 cm (18 in) below ground surface throughout the project area. Testing should extend at least 20 cm (8 inches) below the B horizons. All resources are expected to be confined to the upper soil horizons.

This soil information is based upon documentary sources examined prior to the initiation of fieldwork. As a result, it may be necessary to modify the subsurface testing strategy in the field to meet unexpected soils, disturbances and other obstructions. The results of the subsurface testing and how they compare with the above soils information is discussed in the *Results* section of this report.

Current/Past Land Use

The project area has likely been used for agricultural purposes for many years prior to the proposed development although little evidence of this land use remains today. A stone wall along the western boundary of the parcel reflects this past agricultural use (Photo 23). An abandoned house to the east of the project boundaries reflects past residential land use (Photo 10). Truck centers occur to the west of the project area (Photo 22) as well as on the opposite side of Riverside Drive (Photos 4 and 24). The proposed truck center is in keeping with this land use. Motels occur on both sides of the road to the west of the project (Photos 8 and 9). These motels provide accommodation for truck drivers and are also in keeping with the commercial land use of the surrounding area.

Disturbance

Isolated evidence of ground disturbance was noted in several parts of the project area. A ditch and gas pipeline occur along the northern boundary of the project adjacent to Riverside Drive (Photo 7). Piles of soil and refuse were noted in the wooded area in the western part of the project area (Photo 21), while areas of mechanized soil testing occurred in isolated areas throughout the project (Photos 12 and 13).

Despite these areas of isolated disturbance, much of the project area appears relatively undisturbed. For this reason, the Phase IB subsurface testing strategy should remain consistent at a minimum of 15 m (49 ft) intervals in all areas of proposed ground disturbance to ensure that archaeological deposits will not be impacted by the proposed construction.

Prehistoric Overview

Glaciers covered much of the Mohawk Valley during the Wisconsin glaciation, which ended about 12,000 years ago. Pollen records suggest that vegetation consisted of tundra gradually giving way to small stands of Spruce and Fir with open grasslands. People may have begun occupying the area soon after the glaciers retreated. These Paleoindians were organized in highly mobile bands adapted to tundra and boreal forest environments. While archaeologists have traditionally emphasized the hunting of large megafauna such as mammoth and bison, there is increasing evidence that Paleoindians exploited a diverse array of small game and wild plants. Ritchie (1994: 4–5) notes no fluted point finds indicative of Paleoindian occupation in Montgomery County, and no Paleoindian camps have been identified near the project area.

Around 7000 B.C., stands of Spruce and Fir rapidly gave way to a denser forest of Pine and deciduous trees, with Oak becoming a dominant species. This drier climate supported less game and provided fewer plant resources for human populations. As a result, few sites dating from this Early and Middle Archaic period have been discovered in the region. Those few sites that have been found dating to this period are often found near water sources and suggest that people lived in small mobile bands and subsisted on gathered and hunted wild resources.

Beginning around 6500 B.C., the climate became increasingly wetter, resulting in an environment similar to ours today. The large number of sites from this period suggests that Late Archaic populations increased significantly at this time. While people continued to live in small, mobile bands, there was an increasing trend toward sedentism. Subsistence practices were highly diverse and included a wide variety of aquatic and terrestrial resources. Late Archaic sites range from small upland camps to large villages near the confluences of major streams. During the latter part of this period, the Lamoka and Brewerton phases figure prominently in the prehistory of the region. No beveled axes indicative of the Lamoka phase have been identified in the vicinity (Ritchie 1994:45).

The Transitional Period (ca. 1300-1000 B.C.) is characterized by the use of steatite vessels and smoking pipes, which gradually give way to large, thick pottery vessels. This period is very much a continuation of Late Archaic life ways, with increasing sedentism and reliance on plant resources. The Woodland Period begins about 1000 B.C. and is marked by the introduction of pottery and the development of an elaborate trade and ceremonial complex. It is during this time that people gradually began to cultivate plants.

The Late Woodland Period began around A.D. 1000 and is differentiated from its predecessor primarily on the basis of projectile point types, pottery styles and diet (Funk 1976). Hoe cultivation also appears during Late Woodland times. Diet was largely made up of cultigens (corn, beans and squash) and game supplemented by fishing and the gathering of aquatic and terrestrial resources. Large, permanent village sites occur along major rivers as well as defensive locations (Ritchie 1994). Small, ephemeral sites also occur, probably used as camps for resource extraction. These smaller sites are located in a wide variety of geographic contexts, ranging from wetlands and backwater drainages to forested uplands. After about A.D. 1400, the Iroquois culture was fully developed, with intensive horticulture and large, palisaded villages (Ritchie and Funk 1973).

Known Prehistoric Sites

A check of site files of the Office of Parks, Recreation, and Historic Preservation and the New York State Museum indicated that five precontact archaeological sites are known within one mile of the APE (Table 4). The Selmser site (05705.000039/NYSM 2343) is located north-northeast of the APE. Originally reported by Henry Wemple, this site was documented by the Institute for Archaeological Studies from SUNY Albany in 1989 as part of the Mohawk Drainage Site Survey and is only noted as a 'Late Archaic' site by Wayne Lenig (Institute for Archaeological Studies 1989). The Glen Canal View Site 5 (05705.000062) is located southeast of the APE. It was identified by Landmark Archaeology, Inc. in 2006 during work for the *Proposed Glen Canal view Business Park South* project. The Phase I portion identified two flakes while a follow-up Phase II investigation produced four more flakes, one chert shatter, and one flake tool (Schreyer et al. 2007).

Three other sites within one mile of the APE were identified by the New York State Museum and do not have site names. NYSM 4008 is northeast of the APE on the north bank of the Mohawk River. It was originally identified by State Archaeologist Arthur C. Parker (1920:624) as a 'village site on the east side of Martin's Creek'. NYSM 7651 is northwest of the APE, also on the north bank. This site was also identified by Parker as only 'Trail' (Parker 1920; Plate 189). NYSM 9007 is located southeast of the APE, but no information is available for this site.

Table 4. Previously identified prehistoric sites within one mile of the project area.

Site Number	Cultural Affiliation	Status	Site Name/ Location	Reference
05705.000039/	Late Archaic	I	SELMSER	(Institute or
NYSM 2343				Archaeological
				Studies 1989)
05705.000062	Unknown	I	GLEN CANAL VIEW SITE 5	(Schreyer et al.
				2007)
NYSM 7651	Unknown	I	no name	NY-CRIS
NYSM 4008	Unknown	I	no name	NY-CRIS
NYSM 9007	Unknown	I	no name	NY-CRIS

*Status: I=inventoried, E=eligible, L=listed

Historic Overview

Montgomery County lies along both sides of the Mohawk River in central New York State. When Europeans first came to this part of New York, the Mohawk Tribe of the Iroquois lived along the river in what would later become Montgomery County. In 1772, Tryon County was formed from Albany County (French 1860) and encompassed most of what would be considered the western half of New York State today. William Johnson, well known for being the most powerful Superintendent of Indian Affairs under the British prior to the American Revolution as well as an influential landowner, led the formation of Tryon County. He built a large estate at Johnstown that became the county seat. In 1784, Tryon County was renamed Montgomery County after the Revolutionary War hero, General Richard Montgomery. After the Revolution, many settlers began to move into the area and took over land that had previously belonged to the Mohawks. Between 1789 and 1854, thirty-five counties were separated from what was originally Montgomery County. Montgomery County as we know it today came into existence in 1838, when the county seat was moved to Fonda as residents felt it took too long to travel to Johnstown from the industrial centers that were located along the Mohawk River in the south. This made the residents of the northern half of Montgomery County angry, and they petitioned for an area to be set off as another county. This was then renamed Fulton County.

Montgomery County has very fertile land for agriculture. The uplands are very good for dairy farming, while down along the Mohawk River, the fertile flood plain is ideal for growing crops (Sullivan 1927). The Town of Glen forms part of the southern boundary of Montgomery County and lies on the north bank of the Mohawk River. Its largest village is Fonda, the county seat of Montgomery County. In 1837, the Town of Glen was formed from Johnstown and, while it was the last civil division of the county, parts of it had been known as Mohawk since Montgomery County was known as Tryon County (Sullivan 1927).

As previously mentioned, the Mohawk were living here when Europeans first came to this area in the 17th century. A large Mohawk village by the name of Caughnawaga lay where the current Village of Fonda is located. The name means, "stone in the water",

and is an allusion to the rapids that are found in that part of the Mohawk River (Sullivan 1927). The first Europeans in the area were French Jesuit missionaries who came to attempt the conversion of the Mohawks to Christianity in the mid 1640's (Beers 1878). One of the more famous accounts of the Jesuits and the Mohawks is that of Kateri Takawitha. She was a Mohawk, born in 1656, who lived for a time at Caughnawaga. As a young child she and her family were stricken with small pox. She survived, but her parents and brother died from the disease, at which point she went to live with an uncle. The small pox caused scars on her face and damaged her eyesight severely. At age eight, Kateri was betrothed to an Iroquois boy, which was a traditional custom of the Mohawks. Kateri, however wanted to become a Christian after hearing the Jesuit priests talk about Christianity. This was against her uncle's wishes, who did not trust the Europeans because of their treatment of the Native Americans. At age ten, her village south of the Mohawk River was destroyed, and she went to live at Caughnawaga on the other side of the Mohawk. At the age of eighteen Kateri began secretly studying Catholicism and eventually converted and let it be known publicly that she was a Christian. For the next two years, Kateri had to deal with constant harassment and abuse and even threats on her life, which caused her to eventually leave Caughnawaga and go to a Catholic mission in Canada. There she lived for another four years and became a very devout nun, well known for her dedication to her faith. She died at the age of twenty-four in 1680, and, it was said by witnesses, that, immediately after her death, the small pox scars disappeared from her face. Appearances to people after her death and healing miracles have been attributed to her being a saint. In 1980 she was made the patron saint of peace and ecology (National Shrine of Blessed Kateri Tekawitha 2008).

The first permanent colonial settlers to the area were Nicholas and Hendrick Hausen in 1713. Nicholas Hausen, prior to 1725, settled at Tribes Hill, which is east of Fonda near the border of the Town of Amsterdam (Child 1869). Other early settlers from the early 18th century included Myndert Wemple, Douw Fonda, and Hendrick A. Vrooman, all of whom still had family living in that area through the 19th century (Beers 1878). The Town of Mohawk saw much conflict both before and during the American Revolution. Sir John Johnson, the famous Loyalist leader, led many raids against revolutionaries throughout the Town of Mohawk. In one incident (in 1780) Douw Fonda, aged eightyfour years, was killed in one of these raids by Native Americans under the command of John Johnson. As previously mentioned, Douw Fonda was one of the earliest settlers to Mohawk and was friendly with William Johnson, John Johnson's father (Child 1869).

Early industry in the Town of Glen was similar to that seen on major rivers in other parts of New York State. Gristmills were built on Cayadutta Creek, which runs into the Mohawk, prior to the American Revolution. Members of the Fonda and Wemple Families started a cotton factory in 1811. It ran for five years until it changed hands and expanded under new ownership. The factory continued changing hands and what it manufactured, throughout the 19th century. In 1860, a large paper mill was opened on Cayadutta Creek in the Hamlet of Berryville, a few miles northwest of Fonda. In the 1870's it was manufacturing drug, printing and tobacco paper with an annual profit of \$75,000 (Beers 1878). Two important aides in the growth of local industry were the completion of the Erie Canal in 1825 and the building of the railroad in 1835 (Sullivan

1927). The Erie Canal runs along the southern side of the Mohawk and it allowed transportation of trade goods from the central parts of the country around the Great Lakes to the Hudson River, and then on to the Atlantic Ocean. The completion of the Canal allowed Fultonville and the rest of the Town of Glen to prosper. The building of the N.Y. Central Railroad was another peak time for area. It was built on the north side of the Mohawk River (French 1860). Placement of the rail through Fonda necessitated the relocation of many important buildings (Sullivan 1927).

Known Historic Sites and Structures

A check of site files on the New York Cultural Resources Information System (NY-CRIS) indicates that nine historic archaeological sites are known within one mile of the APE (Table 5). The Foundation 1 Fonda Tavern site (05707.000051) is located north of the APE. This site was the location of foundation remains associated with a late eighteenth-century tavern (Reid 1991). The Jelles Fonda House site (05744.000008) is located northwest of the APE. This site is the location of a large residence built in 1790 belonging to Major Jelles Fonda, an officer in both the French and Indian War and also the Revolutionary War (NY-CRIS).

The following sites: Durham Project 119 (05707.000068), Durham Project 120 (05744.000215), Durham Project 202 (05744.000217), Durham Project 96 (05746.000118), and Durham Project 30 (05746.000119) are various sites located on the north bank of the Mohawk River starting in the northeast and moving to the west, respectively. Little information is available for these sites, but they were identified by the Office of Parks, Recreation and Historic Preservation for the WILNC project in 1998 (Hanny 1998). Labels on the inventory forms could indicate what these sites represent. Durham Project 119 is labeled "Hardenburgh" (Hanny 1998a), Durham Project 120 is labeled "Caughnawaga" (Hanny 1998b), Durham Project 202 is labeled "Davis Tavern" (Hanny 1998c), Durham Project 96 is labeled "Caughnawaga Rapid (Hanny 1998d), and Durham Project 30 is labeled "Eel Weir" (Hanny 1998e).

The Fonda NYC & HRRR Bridge Site (NYSM #12344) (05744.000222) and the Mohawk Valley House Site (NYSM #12533) (05744.000223) are located northwest of the APE on the north bank of the Mohawk River. Both were identified during a NYS Dept. of Transportation bridge replacement project along NY Route 30A. The Fonda NYC & HRRR Bridge Site contains the remains of an 1849 bridge originally along the Schenectady \$& Utica railroad line, then later the New York Central & Hudson River Railroad. Two bridge abutment sections were identified during backhoe excavation monitoring. A midden was also identified at the site containing glass bottles, ceramics, clam shells, mussel shells, butchered animal bones, hundreds of 1920s license plates, and a car frame from the 1920s. The midden is possibly associated with two businesses that were formerly at that location. The Montgomery Hotel was located just upslope from the midden. The hotel was built in 1835 and was demolished in 1919, Later, Alstyne's Texaco Service Station operated from the same location from the 1920s through the 1960s. At the Mohawk Valley House Site, two sections of an 1885 stone foundation were identified that was associated with the Mohawk Valley House, a hotel that was originally built by Phillip Griffin, and then subsequently run under different names into the

twentieth century. Artifact recovered at the site included, whiteware, ironstone, and stoneware vessel fragments along with a cut nail, brick, and electric box cut-out, and one guy wire clamp for a utility pole (Lenardi 2011).

The NY-CRIS also indicated that 340 structures have been inventoried within one mile of the proposed project (Table 7).

Two hundred fourteen structures within this radius are listed on the National Register of Historic Places (NRHP). The Butler, Walter, Homestead (90NR01537) is located north of the APE in the upland overlooking the Mohawk Valley. The land was acquired by Lt. Walter Butler in 1735 and he built the existing house at that location in 1742. Butler was originally from Connecticut but was stationed at Fort Hunter in 1726 at what was considered the frontier in New York State at that time. The Butler Family became a prominent family in the area until they were forced to leave and move to Canada in 1775 because they were still loyal to the British government as the Revolutionary War began to affect more and more of the area as it ramped up. The house was then sold at auction and has had multiple owners since 1779. The two-story, early Federal Style, wooden farmhouse has been modified over the years, but still retains many aspects of how it looked when it was first built. Multiple outbuildings were associated with the farm, but they no longer exist on the property

Fourteen structures located northeast of the APE are listed on the NRHP because they are associated with the New York State Barge Canal Historic District (14NR06559). The New York State Barge Canal was opened in 1917 and was an expansion of the earlier Erie Canal. The following structure listings: Fonda Terminal & Canal Shops Terminal Wall - 30 S. Bridge St (NY 30A) (05744.000219), Fonda Terminal & Canal Shops: Civil Defense Building - 30 South Bridge Street 12068 (05744.000229), the Fonda Terminal & Canal Shops: Gate Fabrication Building - 30 South Bridge Street 12068 (05744.000230), Fonda Terminal & Canal Shops: Sawmill & Carpenter Shop - 30 South Bridge Street 12068 (05744.000231), Fonda Terminal & Canal Shops: Main Shop & Storehouse - 30 South Bridge Street 12068 (05744.000232), Fonda Terminal & Canal Shops: Open Welding Shed & Shop - 30 South Bridge Street 12068 (05744.000233), Fonda Terminal & Canal Shops: Tire Storage - 30 South Bridge Street 12068 (05744.000234), Fonda Terminal & Canal Shops: Buoy Shop - 30 South Bridge Street 12068 (05744.000235), Fonda Terminal & Canal Shops: Derrick/Boat Hoist/ Crane Powerhouse - 30 South Bridge Street 12068 (05744.000236), Fonda Terminal & Canal Shops: Temporary Office - 30 South Bridge Street (05744.000237), Fonda Terminal & Canal Shops: Storehouse -30 South Bridge Street 12068 (05744.000238), Fonda Terminal & Canal Shops: Office -30 South Bridge Street 12068 (05744.000239), and Fonda Terminal & Canal Shops: Steel Storage Shed - 30 South Bridge St (05744.000240) were constructed at this location after this facility was moved from Amsterdam upstream to Fonda due to flood concerns. Construction began in 1952 and continued until 1958. The structures consist of one and two-story structures; some constructed from concrete block while others are metal and clapboard. This facility is used for monitoring and repair of Section Three of the Canal, which runs from Cranesville to St. Johnsville. It is also the primary manufacturer of dam gate for the entire NYS canal system. The structure listed as Bridge E-23, BIN 4021420 -NY 30 A (05744.000228) is a non-contributing member of the New York State Barge

Canal Historic District but is still associated with the canal facilities in Fonda. This structure is a 404 ft long, steel, thru-truss bridge constructed in 1989 and crossing the Mohawk River from Fonda to Fultonville.

Many of the remaining NRHP-listed structures are contributing members of the Fultonville Historic District (05746.000167/19NR00026) located west of the APE. The John H. Starin Estate (Prospect Hill) - Route 5S (05705.000043) and Prospect Hill (Starin Place) - 1 Starin Place (05705.000073) are located southeast of the APE. This large, three story, brick residence was the home of John Henry Starin who served as a U. S. representative from New York State. The structure listed as Donald Block (PHILBWOK BLDG) - 32 South Main St (05746.000021) is a three story brick structure with no date is given for its construction, but it was likely in the late nineteenth century. The building originally contained a movie theater, dance hall, drug store and later contained a grocery, apartments, and offices. The Fultonville Prospect Dutch Reformed Ch. - 40 South Main St (05746.000022) is a brick church built in 1838. This was the first incorporated religious organization in Fultonville in 1848. The bricks used in constructing the building came from a local brick factory in Fultonville. The Donaldson Hanchar Res - 44 South Main St (05746.000023) is a large, two-story, Greek Revival style, brick mansion built c. 1820. The Mitchell (Davenpeck Res.) - 48 South Main St (05746.000024) is a three-story clapboard house built in the late 1800s. The Pinder Res - 50 South Main St (05746.000025) is a two-story, Italianate Style, clapboard residence built c. 1880. The Furnare Res - 52 South Main St (05746.000026) is a two-story clapboard, Victorian Style residence that was converted from a carriage house that was associated with the Pinder Residence mentioned above. The Philbrook Res. - 54 South Main St (05746.000027) is a two-story, Greek Revival Style, brick house likely built in 1820. The Whipple Res - 68 South Main St (05746.000030) is a two-story, Greek Revival Style, clapboard house likely built c. 1850. The Fuchs Res - 70 South Main St (05746.000031) is a two-story, clapboard house built c. 1880. The Hazzard Res - 44 South Main St (05746.000034) is a two-story clapboard bouse built between 1895-1900. The Becker Res - 69 South Main St

(05746.000036) is a two-story, clapboard house built c. 1880. The Whipple Res -49 South Main St (05746.000039) is a two-and-a-half-story, clapboard house built in 1922. The Hotel Arthur - 33 Main St (05746.000042) is a two-story, brick Italianate Victorian Style business block built prior to 1868. The Richard Res - 3 Main St (05746.000043) is a large, three-story, brick residence. It was likely built in 1820 and has Victorian Style additions added to the original Greek Revival structure. The Hudak Res -5 Main St (05746.000044) is a two-and-a-half story, Italianate Style, clapboard residence built prior to 1850. The Yates Res - 9 Main Street 12072 (05746.000045) is a large, twostory, clapboard house built between 1895-1900. The Pilgrim Holiness Baptist Church -13 Main St (05746.000046) is a stone church with construction starting in 1908. The Todd & Jackson Funeral Home - 15 Main St (05746.000047) is a two-story, Italian Style, brick structure built c. 1850. It was originally built as a residence but was later converted to a funeral home and apartments. The Bouton Res - 19-21 Main St (05746.000048) is a two-story, clapboard structure built in 850 and was used as both a doctor's office and a residence throughout its history. The structure listed as Van Horn Sentry Hardware - 23 Main St (05746.000049) is a large, three-story, commercial building built prior to 1868. The Bank Of Farmers (Farm Credit Service) - 6 Main Street 12072 (05746.00005) is a

single-story commercial structure built in the 1960s. The Masonic Temple - 10 Main Street 12072 (05746.000052) is a large, two-and-a half-story brick structure. The Leonhard & Law Office - 12 Main St (05746.000053) is a small, Greek Revival, clapboard built in 1849 and used as a law office since. The Gilbert Res - 14 Main St (05746.000054) is a two-story structure built prior to 1840 and has been used as a photography studio, jewelry store, and apartments. Early on, it had a mill attached to the rear portion of the building. The Shelp Res (Pullen Res & Commercial) - 16 Main St (05746.000055) is a large, two-story, Italianate Style, brick residence built c. 1840. It has been converted to office space and apartments. The Van Epps Res. - 18 Main St (05746.000056) is a large, three-story, Second Empire Style, brick residence built between 1840-1850. The Dr. Burton (Morfoid Res) - 20 Main St (05746.000057) is a two-story, Italianate Style, brick residence built between 1820-1830. The National Commercial Bank - 24 Main St (05746.000058) is a large, commercial, brick building constructed in 1921 after a bank at the same location burned in 1920. The Post Office Bldg (And Diner-Cafe) - 26 Main St (05746.000059) is a one-story, stone, commercial building built in 1952-1953 for use as a post office and soda shop. It is on the original location of the Fultonville post office which burned in 1920. The Ferris Res - 6 Montgomery St (05746.000061) is a two-story, clapboard house built in the late 1800s. The Ell Res - 3 Montgomery St (05746.000062) is a two-story, clapboard house built prior to 1868. The Markham Res - 8 Montgomery St (05746.000064) is a two-story, clapboard residence likely built in the early twentieth century. The Labarye Res - 6 Montgomery St (05746.000065) is a two-story, clapboard residence likely built in the early twentieth century. The Wemple Res - 19 Montgomery St (05746.000066) is a twostory, Italianate Style, clapboard residence built c. 1870. The Wilder Res - 12 Montgomery St (05746.000067) is a three-story, Second Empire Style, brick residence built in the 1870s. The Suits Res - 13 Montgomery St (05746.000068) is a two-story, clapboard residence. The Moore Res - 14 Montgomery St (05746.000069) is a small, Greek Revival residence. The Eichenstein Res - 15 Montgomery St (05746.000070) is a two-story, Italianate Style residence built in the 1870s. The P.I. (Leih Res) - 16 Montgomery St (05746.000071) is a two-story, clapboard house built c. 1860. The A.B. Miller (Stairs Res) - 17 Montgomery St (05746.000072) is a two-story, clapboard house. The Miller (Phillip Res) - 22 Montgomery St (05746.000073) is a two-story residence built in the 1860s. The Macumb (Ripley Res) - 6 Ann St (05746.000075) is a three-story, clapboard and stone residence built in the 1840s. The Turnbull (Tomlinson Res) - 19 Prospect St (05746.000079) is a three-story, clapboard residence. The Rooseboom (Wilder) - 9 York St (05746.0000911) structure is a two-story, clapboard house built prior to 1868. The Maed (Wilder Res) - 15 York St (05746.000092) two-story, clapboard house built after 1868. The John Gardinier (Podmajersky) - 1 John St (05746.000096) is a two-story clapboard house built in 1860. The Van Epps Home - Franklin St (05746.000112) is a two-and-a half-story Colonial, clapboard residence. It was built in 1751 and is the oldest home in Fultonville. It was originally owned by John E. Van Epps. The West Shore Rr Freight House - East Erie St (05746.000117) is a board-and-batten and sheet metal structure built by the New York West Shore and Buffalo Railway and used as a freight station in the 1880s.

The following NRHP-listed structures: Fox Res - 7 Montgomery St (05746.000063), Olemstead (Wilder Res) - 39 Prospect St (05746.000080), Hogan (Simpson) - 35 Prospect St (05746.000081), Hurley (Kearns Res) - 29 Prospect St (05746.000082), Olmstaed (Triumpho Res) - 41 Prospect St (05746.000083), Schuyler (Hallch) - 31 Prospect St (05746.000085), Simpson (Schlote) - 33 Prospect St (05746.000086), Wemple (Rose) - 3 York St (05746.000088), Crabtee Cerretto Res - 7 York St (05746.000090), T.R. Horton (Riggi) - 17 York St (05746.000094), Gardinier (Morford) - 19 York (05746.000095) are two-story, clapboard houses with no additional information.

Any remaining structure entries listed on the NRHP shown in Table 7 but not described here are lacking any additional information about the structures.

Twenty structures within 1 mile of the APE are eligible for listing on the National Register of Historic Places. The Mohawk Armory (YMCA) - 83 East Main St (04344.000074) is located north of the APE in Fonda. This two-story, brick, municipal building was constructed in 1891 and was used to house National Guard units from the Spanish-American War through the Korean War. The Montgomery County (Fonda) Fairgrounds - 21 S. Bridge St (05744.000012) and the Fonda Speedway - 20 S. Bridge St (Ny 30A) (05744.000220) are associated sections of the Montgomery County Fair complex located northeast of the APE in Fonda. The fairgrounds portion of the property began operating in 1863 with the first horse-racing racetrack added in 1868. Currently, the extant buildings on the property date from the 1950s forward, and the fair portion and dirt track racing complex are still very active.

The following structures are located northwest of the APE in Fonda and are contributing members of the Main Street-NY 5 Historic District (05744.000224). The Catholic Church (American Legion Hall) - 37 East Main St (05744.000084) was built in 1875. This small, brick church originally housed St. Cecilia's Catholic Church (05744.000084) but is now an American Legion Hall. The Zion Episcopal Church - 27 East Main St (05744.000085) is an English Gothic, stone church built between 1866-1869. The structures listed as Residence - 29 East Main St (05744.000086) and 2 Family Residence - 31 East Main St (05744.000087) are two-story, clapboard residences constructed after 1870. The Voorhees Residence - 9 East Main St (05744.000138) is a brick and clapboard residence constructed in the 1920s. The Voorhees Residence - 11 East Main St (05744.000139) is a two-story clapboard house built prior to 1889. The Stearns Residence - 19 East Main St (05744.000140) is a large, three-story, clapboard residence built prior to 1889. Stearns Residence - 23 East Main St (05744.000141) is a large, three-story, clapboard residence built prior to 1868. The Judy Larman Dance Studio - 25 East Main St (05744.000142) is a large, three-story, clapboard residence built after 1869 but prior to 1889. The Mohawk Valley Democrat - 2 East Main St (05744.000143) is a commercial brick building constructive in the 1850s. It was likely a railroad warehouse that later saw use as a movie theater, garage, and a newspaper office. The structure listed as Princeton Industries Demolished - 4 East Main St (05744.000144) was a two-story, commercial, brick building constructed in the 1850s that contained a knitting mill, a garage, and was also used by Continental Can for a period of time. The Jacob Res. - 8 Main St (05746.000028)

is located west of the APE in Fultonville. It is a large, two-story, Greek Revival Style, clapboard residence built in the 1840s or 1850s. The Dopp Res - 2 Main St 12072 (05746.000050) is in west of the APE in Fultonville. This structure is a very large, two-story, Greek Revival Style, clapboard residence built prior to 1850. The Wiles (Patun Res) - 1 Montgomery St (05746.000060) is located west of the APE in Fultonville. This structure is a large, three-story Queen Anne Style, clapboard house built in 1880. The Klock House-Riverside Farm (Building X Complex) - Fonda Rd East (05707.000056) is located north of the APE, while the Williams (?) Dutch Barn (Building D2) - Fonda Rd East (05707.000057) and the Montgomery Co Public Annex (Former Fonda High School) - 20 Park St (05744.000221) are located northwest of the APE. However, no information is available regarding these structures.

Forty-nine structures remain undetermined for listing on the National Register of Historic Places. A number of these undetermined structures are in the village of Fonda northwest of the APE. The Moore Residence - 4 Cemetery St (05744.000073) is two-story, clapboard residence built in the late nineteenth century with an old schoolhouse along a lane behind the house. The Hinckle Residence - 2 Montgomery Terr (05744.000123) is a two-story, clapboard house built in the 1880s or 1890s. The Hezaley Residence - 14 Center St (05744.000167) is a two-story, clapboard house built c. 1850. The Jones Residence - 2 South Center St (05744.000168) is a two-story, clapboard house built between 1850-1860. The Papa Residence - 7 Center St (05744.000169) is a one-and-ahalf story, Greek Revival Style, brick house. The Griffith Annex - 25 Park St (05744.000172) is a three-story clapboard residence built between 1850-1860 and used for an annex for the hotel next door. The Unger Residence - 23 Park St (05744.000173) is a three-story, clapboard house built in 1868. The Kimball Residence - 5 East St (05744.000176) is a two-story, clapboard, Greek Revival Style residence built prior to 1853. The Compani Residence - 9 East St (05744.000177) and Compani Residence - 11 East St (05744.000178), Cranker Residence - 2 East St (05744.000179) are two-story, clapboard houses built between 1880-1890. The Grandy Residence - 4 East St (05744.000180) is a two-story, clapboard house built in the 1840s. The Demerset Residence - 10 East St (05744.000181) is a two-story, clapboard house built c. 1840. The Emden Residence - Demolished - 8 East St (05744.000182) was a two-story, clapboard house built in the 1880s, but has since been demolished. The Laramay Residence - 13 Upper Prospect St (05744.000189) is a two-story, clapboard house built in the 1850s or 1860s. The structure listed as Diner - 42 East Main St (05744.000194) is a one-story clapboard commercial building constructed in 1945 for use as a diner. The structure at 44 East Main St (05744.000195) was also built for use as a diner in 1947. The structure at 198 East Main St (05744.000198) is a large, two-story, brick residence built in 1880. The Gas Station - 40 Bridge St (05744.000199) is a one-story, clapboard structure built in 1945 for use as a gas station. The Garage & Gas Station - 39 East Main St (05744.000205) is a one-story, cement block structure built in the 1930s. The structure listed as Rulison (Cionek) - 18 Montgomery St (05746.000098) is a two-story, clapboard house built c. 1858. The United Methodist Church - 8 Montgomery St (05746.000113) is a clapboard structure in the Greek Revival style typical of churches at the time. Construction began in 1855 while the front, steeple, bell tower, and stained glass memorial windows were added in 1900. The "Railroad House" (Demolished) - North

Mohawk Street (05746.000166) is west of the APE in Fultonville. This was two-story, clapboard residence constructed between 1820-1830.

The following structures: 81 East Main St (04344.000023), 35 East Main St (04344.000061), 53 East Main St (04344.000065), 55 East Main St (04344.000066), 59 East Main St (04344.000067), 61 East Main St (04344.000068), 75 East Main St (04344.000070), 77 East Main St (04344.000071), 112 Old Johnstown Rd., Fonda - 112 Old Johnstown Rd. (12068 05707.000093), Fonda-Fultonville Central School District - 112 Old Johnstown Rd. 12068 (05707.000094), 25 Park Street, Fonda - 25 Park Street 12068 (05744.000225), 230 Baylawn Ave, Copiague - 230 Baylawn Ave 11726 (05744.000226), Hazzard Res - 42 South Main St (05746.000035), Craig (Bassett) - 32 Prospect St (05746.000084), Cramker (Kearns) - 12 Prospect St (05746.000087), Paint Shop (Ventura Res) - 5 York St (05746.000089), and Mead (Wilder Res) - 12 York St (05746.000093) are north of the APE in the village of Fonda, but no additional information is available for these structures.

Fifty seven of the structures within one mile of the APE are not eligible for inclusion on the National Register of Historic Places and will not be included in this report.

A review of relevant historic maps shows that no map-documented structure (MDS) could be found within the confines of the APE (Figures 4-9). The settlement of Fulton appears just west of the APE beginning in 1829 (Figure 4) and other structures are shown within the vicinity of the APE on maps beginning in 1853 (Figure 6), with one, the H. Selmser residence, located directly adjacent to the east border of the APE in 1853 (Figure 6). It should also be noted that a small residence is located at the northeastern corner of the APE. This structure is not eligible for NRHP listing and no information is available for it, but a photograph indicates it is a small late twentieth century residence.

	Table 5.			
Previously recorded historic archaeological sites, structures				
	and NRHP listed properties within one mile of the proj	ect area.		
USN	Name	Status		
05707.000051	FOUNDATION 1 FONDA TAVERN	Undetermined		
05707.000068	DURHAM PROJECT 119	Undetermined		
05744.000008	JELLES FONDA HOUSE	Undetermined		
05744.000215	DURHAM PROJECT 120	Undetermined		
05744.000217	DURHAM PROJECT 202	Undetermined		
05744.000222	FONDA NYC & HRRR BRIDGE SITE (NYSM #12344)	Undetermined		
05744.000223	MOHAWK VALLEY HOUSE SITE (NYSM #12533)	Undetermined		
05746.000118	DURHAM PROJECT 96	Undetermined		
05746.000119	DURHAM PROJECT 30	Undetermined		
04344.000023	81 EAST MAIN ST	Undetermined		
04344.000061	35 EAST MAIN ST	Undetermined		
04344.000065	53 EAST MAIN ST	Undetermined		

Table 5. Previously recorded historic archaeological sites and structures				
	within one mile of the project area.			
USN	Name	Status		
04344.000066	55 EAST MAIN ST	Undetermined		
04344.000067	59 EAST MAIN ST	Undetermined		
04344.000068	61 EAST MAIN ST	Undetermined		
04344.000070	75 EAST MAIN ST	Undetermined		
04344.000071	77 EAST MAIN ST	Undetermined		
04344.000074	MOHAWK ARMORY (YMCA) - 83 EAST MAIN ST	Eligible		
05705.000043	JOHN H. STARIN ESTATE (PROSPECT HILL) - ROUTE 5S	Listed		
05705.000073	PROSPECT HILL (STARIN PLACE) - 1 STARIN PLACE	Listed		
05707.000056	KLOCK HOUSE-RIVERSIDE FARM (BUILDING X COMPLEX) - FONDA RD EAST	Eligible		
05707.000057	WILLIAMS (?) DUTCH BARN (BUILDING D2) - FONDA RD EAST	Eligible		
05707.000093	112 OLD JOHNSTOWN RD., FONDA - 112 OLD JOHNSTOWN RD. 12068	Undetermined		
05707.000094	FONDA-FULTONVILLE CENTRAL SCHOOL DISTRICT - 112 OLD JOHNSTOWN RD. 12068	Undetermined		
05744.000012	MONTGOMERY COUNTY (FONDA) FAIRGROUNDS - 21 S. BRIDGE ST	Eligible		
05744.000073	MOORE RESIDENCE - 4 CEMETERY ST	Undetermined		
05744.000084	CATHOLIC CHURCH (AMERICAN LEGION HALL) - 37 EAST MAIN ST	Eligible		
05744.000085	ZION EPISCOPAL CHURCH - 27 EAST MAIN ST	Eligible		
05744.000086	RESIDENCE - 29 EAST MAIN ST	Eligible		
05744.000087	2 FAMILY RESIDENCE - 31 EAST MAIN ST	Eligible		
05744.000123	HINCKLE RESIDENCE - 2 MONTGOMERY TERR	Undetermined		
05744.000138	VOORHEES RESIDENCE - 9 EAST MAIN ST	Eligible		
05744.000139	VOORHEES RESIDENCE - 11 EAST MAIN ST	Eligible		
05744.000140	STEARNS RESIDENCE - 19 EAST MAIN ST	Eligible		
05744.000141	STEARNS RESIDENCE - 23 EAST MAIN ST	Eligible		
05744.000142	JUDY LARMAN DANCE STUDIO - 25 EAST MAIN ST	Eligible		
05744.000143	MOHAWK VALLEY DEMOCRAT - 2 EAST MAIN ST	Eligible		
05744.000144	PRINCETON INDUSTRIES DEMOLISHED - 4 EAST MAIN ST	Eligible		
05744.000167	HEZALEY RESIDENCE - 14 CENTER ST	Undetermined		
05744.000168	JONES RESIDENCE - 2 SOUTH CENTER ST	Undetermined		
05744.000169	PAPA RESIDENCE - 7 CENTER ST	Undetermined		
05744.000172	GRIFFITH ANNEX - 25 PARK ST	Undetermined		
05744.000173	UNGER RESIDENCE - 23 PARK ST	Undetermined		
05744.000176	KIMBALL RESIDENCE - 5 EAST ST	Undetermined		
05744.000177	COMPANI RESIDENCE - 9 EAST ST	Undetermined		
05744.000178	COMPANI RESIDENCE - 11 EAST ST	Undetermined		
05744.000179	CRANKER RESIDENCE - 2 EAST ST	Undetermined		

Table 5. Previously recorded historic archaeological sites and structures within one mile of the project area (continued). **USN** Name Status 05744.000180 **GRANDY RESIDENCE - 4 EAST ST** Undetermined 05744.000181 DEMERSET RESIDENCE - 10 EAST ST Undetermined 05744.000182 EMDEN RESIDENCE - DEMOLISHED - 8 EAST ST Undetermined 05744.000189 LARAMAY RESIDENCE - 13 UPPER PROSPECT ST Undetermined DINER - 42 EAST MAIN ST 05744.000194 Undetermined 05744.000195 44 EAST MAIN ST Undetermined 05744.000198 198 EAST MAIN ST Undetermined 05744.000199 GAS STATION - 40 BRIDGE ST Undetermined 05744.000205 GARAGE & GAS STATION - 39 EAST MAIN ST Undetermined 05744.000219 FONDA TERMINAL & CANAL SHOPS TERMINAL WALL - 30 S. Listed BRIDGE ST (NY 30A) 05744.000220 FONDA SPEEDWAY - 20 S. BRIDGE ST (NY 30A) Eligible MONTGOMERY CO PUBLIC ANNEX (FORMER FONDA HIGH Eligible 05744.000221 SCHOOL) - 20 PARK ST 05744.000225 25 PARK STREET, FONDA - 25 PARK STREET 12068 Undetermined 05744.000226 230 BAYLAWN AVE, COPIAGUE - 230 BAYLAWN AVE 11726 Undetermined 05744.000228 BRIDGE E-23, BIN 4021420 - NY 30A Listed 05744.000229 FONDA TERMINAL & CANAL SHOPS: CIVIL DEFENSE BUILDING Listed - 30 SOUTH BRIDGE STREET 12068 FONDA TERMINAL & CANAL SHOPS: GATE FABRICATION 05744.000230 Listed BUILDING - 30 SOUTH BRIDGE STREET 12068 05744.000231 FONDA TERMINAL & CANAL SHOPS: SAWMILL & CARPENTER Listed SHOP - 30 SOUTH BRIDGE STREET 12068 05744.000232 FONDA TERMINAL & CANAL SHOPS: MAIN SHOP & Listed STOREHOUSE - 30 SOUTH BRIDGE STREET 12068 05744.000233 FONDA TERMINAL & CANAL SHOPS: OPEN WELDING SHED & Listed SHOP - 30 SOUTH BRIDGE STREET 12068 FONDA TERMINAL & CANAL SHOPS: TIRE STORAGE - 30 SOUTH 05744.000234 Listed **BRIDGE STREET 12068** 05744.000235 FONDA TERMINAL & CANAL SHOPS: BUOY SHOP - 30 SOUTH Listed **BRIDGE STREET 12068** 05744.000236 FONDA TERMINAL & CANAL SHOPS: DERRICK/BOAT HOIST/ Listed CRANE POWERHOUSE - 30 SOUTH BRIDGE STREET 12068 FONDA TERMINAL & CANAL SHOPS: TEMPORARY OFFICE - 30 05744.000237 Listed **SOUTH BRIDGE STREET 12068** 05744.000238 FONDA TERMINAL & CANAL SHOPS: STOREHOUSE - 30 SOUTH Listed **BRIDGE STREET 12068** 05744.000239 FONDA TERMINAL & CANAL SHOPS: OFFICE - 30 SOUTH BRIDGE Listed **STREET 12068** 05744.000240 FONDA TERMINAL & CANAL SHOPS: STEEL STORAGE SHED - 30 Listed SOUTH BRIDGE ST 05746.000021 DONALD BLOCK (PHILBWOK BLDG) - 32 SOUTH MAIN ST Listed

Table 5. Previously recorded historic archaeological sites and structures within one mile of the				
project area (continued).				
USN	Name	Status		
05746.000022	FULTONVILLE PROSPECT DUTCH REFORMED CH 40 SOUTH MAIN ST	Listed		
05746.000023	DONALDSON HANCHAR RES - 44 SOUTH MAIN ST	Listed		
05746.000024	MITCHELL (DAVENPECK RES.) - 48 SOUTH MAIN ST	Listed		
05746.000025	PINDER RES - 50 SOUTH MAIN ST	Listed		
05746.000026	FURNARE RES - 52 SOUTH MAIN ST	Listed		
05746.000027	PHILBROOK RES 54 SOUTH MAIN ST	Listed		
05746.000028	JACOB RES 8 MAIN ST	Eligible		
05746.000030	WHIPPLE RES - 68 SOUTH MAIN ST	Listed		
05746.000031	FUCHS RES - 70 SOUTH MAIN ST	Listed		
05746.000034	HAZZARD RES - 44 SOUTH MAIN ST	Listed		
05746.000035	HAZZARD RES - 42 SOUTH MAIN ST	Undetermined		
05746.000036	BECKER RES - 69 SOUTH MAIN ST	Listed		
05746.000039	WHIPPLE RES - 49 SOUTH MAIN ST	Listed		
05746.000042	HOTEL ARTHUR - 33 MAIN ST	Listed		
05746.000043	RICHARD RES - 3 MAIN ST	Listed		
05746.000044	HUDAK RES - 5 MAIN ST	Listed		
05746.000045	YATES RES - 9 MAIN STREET 12072	Listed		
05746.000046	PILGRIM HOLINESS BAPTIST CHURCH - 13 MAIN ST	Listed		
05746.000047	TODD & JACKSON FUNERAL HOME - 15 MAIN ST	Listed		
05746.000048	BOUTON RES - 19-21 MAIN ST	Listed		
05746.000049	VAN HORN SENTRY HARDWARE - 23 MAIN ST	Listed		
05746.000050	DOPP RES - 2 MAIN ST 12072	Eligible		
05746.000051	BANK OF FARMERS (FARM CREDIT SERVICE) - 6 MAIN STREET	Listed		
05746.000052	MASONIC TEMPLE - 10 MAIN STREET 12072	Listed		
05746.000053	LEONHARD & LAW OFFICE - 12 MAIN ST	Listed		
05746.000054	GILBERT RES - 14 MAIN ST	Listed		
05746.000055	SHELP RES (PULLEN RES & COMMERCIAL) - 16 MAIN ST	Listed		
05746.000056	VAN EPPS RES 18 MAIN ST	Listed		
05746.000057	DR. BURTON (MORFOID RES) - 20 MAIN ST	Listed		
05746.000058	NATIONAL COMMERCIAL BANK - 24 MAIN ST	Listed		
05746.000059	POST OFFICE BLDG (AND DINER-CAFE) - 26 MAIN ST	Listed		
05746.000060	WILES (PATUN RES) - 1 MONTGOMERY ST	Eligible		
05746.000061	FERRIS RES - 6 MONTGOMERY ST	Listed		
05746.000062	ELL RES - 3 MONTGOMERY ST	Listed		
05746.000063	FOX RES - 7 MONTGOMERY ST	Listed		
05746.000064	MARKHAM RES - 8 MONTGOMERY ST	Listed		
05746.000065	LABARYE RES - 6 MONTGOMERY ST	Listed		
05746.000066	WEMPLE RES - 19 MONTGOMERY ST	Listed		

Table 5. Previously recorded historic archaeological sites and structures				
within one mile of the project area (continued).				
USN	Name	Status		
05746.000067	WILDER RES - 12 MONTGOMERY ST	Listed		
05746.000068	SUITS RES - 13 MONTGOMERY ST	Listed		
05746.000069	MOORE RES - 14 MONTGOMERY ST	Listed		
05746.000070	EICHENSTEIN RES - 15 MONTGOMERY ST	Listed		
05746.000071	P.I. (LEIH RES) - 16 MONTGOMERY ST	Listed		
05746.000072	A.B. MILLER (STAIRS RES) - 17 MONTGOMERY ST	Listed		
05746.000073	MILLER (PHILLIP RES) - 22 MONTGOMERY ST	Listed		
05746.000075	MACUMB (RIPLEY RES) - 6 ANN ST	Listed		
05746.000079	TURNBULL (TOMLINSON RES) - 19 PROSPECT ST	Listed		
05746.000080	OLEMSTEAD (WILDER RES) - 39 PROSPECT ST	Listed		
05746.000081	HOGAN (SIMPSON) - 35 PROSPECT ST	Listed		
05746.000082	HURLEY (KEARNS RES) - 29 PROSPECT ST	Listed		
05746.000083	OLMSTAED (TRIUMPHO RES) - 41 PROSPECT ST	Listed		
05746.000084	CRAIG (BASSETT) - 32 PROSPECT ST	Undetermined		
05746.000085	SCHUYLER (HALLCH) - 31 PROSPECT ST	Listed		
05746.000086	SIMPSON (SCHLOTE) - 33 PROSPECT ST	Listed		
05746.000087	CRAMKER (KEARNS) - 12 PROSPECT ST	Undetermined		
05746.000088	WEMPLE (ROSE) - 3 YORK ST	Listed		
05746.000089	PAINT SHOP (VENTURA RES) - 5 YORK ST	Undetermined		
05746.000090	CRABTEE CERRETTO RES - 7 YORK ST	Listed		
05746.000091	ROOSEBOOM (WILDER) - 9 YORK ST	Listed		
05746.000092	MAED (WILDER RES) - 15 YORK ST	Listed		
05746.000093	MEAD (WILDER RES) - 12 YORK ST	Undetermined		
05746.000094	T.R. HORTON (RIGGI) - 17 YORK ST	Listed		
05746.000095	GARDINIER (MORFORD) - 19 YORK ST	Listed		
05746.000096	JOHN GARDINIER (PODMAJERSKY) - 1 JOHN ST	Listed		
05746.000097	JOHN GARDINIER (GRAHAM RES) - 5 JOHN ST	Listed		
05746.000098	RULISON (CIONEK) - 18 MONTGOMERY ST	Undetermined		
05746.000112	VAN EPPS HOME - FRANKLIN ST	Listed		
05746.000113	UNITED METHODIST CHURCH - 8 MONTGOMERY ST	Undetermined		
05746.000117	WEST SHORE RR FREIGHT HOUSE - EAST ERIE ST	Listed		
05746.000120	21 WASHINGTON ST	Listed		
05746.000121	8 CENTER ST	Listed		
05746.000122	9 DIVISION ST	Listed		
05746.000123	37 UNION ST	Listed		
05746.000124	9 CENTER ST	Listed		
05746.000124	2 WASHINGTON ST	Listed		
05746.000129	27 PROSPECT ST	Listed		
05746.000129	4 WASHINGTON ST	Listed		
03/70.000130	T WASHINGTON ST	Listed		

Table 5. Previously recorded historic archaeological sites and structures				
within one mile of the project area (continued).				
USN	Name	Status		
05746.000133	11 ANN ST	Listed		
05746.000134	3 BROAD ST	Listed		
05746.000135	20 UNION ST	Listed		
05746.000136	12 UNION ST	Listed		
05746.000137	9 WASHINGTON ST	Listed		
05746.000143	6 FRANKLIN ST	Listed		
05746.000146	18 MOHAWK ST	Listed		
05746.000147	23 PROSPECT ST	Listed		
05746.000148	14 UNION ST.	Listed		
05746.000149	C 1850 GREEK REVIVAL URIGHT & FLANKER, HEAVILY ALTERED, - 20 FRANKLIN ST.	Listed		
05746.000152	LATE 19TH C GABLE ROOF, HEAVILY ALTERED - 10 FRANKLIN ST.	Listed		
05746.000154	MID 19TH C GABLE ROOF GREEK REVIVAL HEAVILY ALTERED - 7 BROAD ST.	Listed		
05746.000155	2.5 STORY FRONT GABLE, 20TH C - 9 ANN ST	Listed		
05746.000156	1940S BUNGALOW, TYPICAL - 22 MOHAWK ST.	Listed		
05746.000160	2.5 STORY, CROSS GABLES, 20TH C - 3 WEST CHURCH ST.	Listed		
05746.000161	OLD FULTONVILLE CEMETERY - 99 UPPER MOHAWK ST	Listed		
05746.000162	2 MAIN ST, FULTONVILLE - 2 MAIN ST	Listed		
05746.000164	2 RIVERSIDE DR, FULTONVILLE - 2 RIVERSIDE DR	Listed		
05746.000166	"RAILROAD HOUSE" (DEMOLISHED) - NORTH MOHAWK STREET	Undetermined		
05746.000168	1 ANN STREET 12010	Listed		
05746.000169	2 ANN STREET 12010	Listed		
05746.000170	3 ANN STREET 12010	Listed		
05746.000171	4 ANN STREET 12010	Listed		
05746.000172	7 ANN STREET 12010	Listed		
05746.000173	10 ANN STREET 12010	Listed		
05746.000174	5 BROAD ST 12010	Listed		
05746.000175	6 BROAD STREET 12010	Listed		
05746.000176	10 BROAD 12010	Listed		
05746.000177	12 BROAD ST 12010	Listed		
05746.000178	13 BROAD STREET 12010	Listed		
05746.000179	14 BROAD STREET 12010	Listed		
05746.000180	4 CENTER STREET 12010	Listed		
05746.000181	11 CENTER ST 12010	Listed		
05746.000182	13 CENTER STREET 12010	Listed		
05746.000183	16 CENTER STREET 12010	Listed		
05746.000184	1 CHURCH STREET 12010	Listed		

Table 5. Previously recorded historic archaeological sites and structures				
within one mile of the project area (continued).				
USN	Name 5 DIVISION STREET 12010	Status		
05746.000185	5 DIVISION STREET 12010	Listed		
05746.000186	VILLAGE HALL AND FIREHOUSE - ERIE STREET 12010	Listed		
05746.000187	17 ERIE STREET 12010	Listed		
05746.000188	19 ERIE ST 12010	Listed		
05746.000189	25 ERIE STREET 12010	Listed		
05746.000190	31 ERIE STREET 12010	Listed		
05746.000191	4 FRANKLIN STREET 12010	Listed		
05746.000192	8 FRANKLIN STREET 12010	Listed		
05746.000193	15 FRANKLIN STREET 12010	Listed		
05746.000194	17 FRANKLIN STREET 12010	Listed		
05746.000195	19 FRANKLIN STREET 12010	Listed		
05746.000196	24 FRANKLIN 12010	Listed		
05746.000197	27 FRANKLIN STREET 12010	Listed		
05746.000198	28 FRANKLIN STREET 12010	Listed		
05746.000199	34 FRANKLIN STREET 12010	Listed		
05746.000200	35 FRANKLIN STREET 12010	Listed		
05746.000201	35 MAIN STREET 12072	Listed		
05746.000202	45 MAIN STREET 12072	Listed		
05746.000203	57 MAIN STREET 12072	Listed		
05746.000204	63 MAIN STREET 12072	Listed		
05746.000205	62 MAIN STREET 12072	Listed		
05746.000206	63 MAIN STREET 12072	Listed		
05746.000207	4 MOHAWK STREET 12072	Listed		
05746.000208	12 MOHAWK STREET 12072	Listed		
05746.000209	16 MOHAWK STREET 12072	Listed		
05746.000210	19 MOHAWK STREET 12072	Listed		
05746.000211	4 MONTGOMERY STREET 12072	Listed		
05746.000212	21 MONTGOMERY STREET 12072	Listed		
05746.000213	MEMORIAL PARK - ST HWY 5-S 12010	Listed		
05746.000214	7 PROSPECT STREET 12010	Listed		
05746.000215	11 PROSPECT STREET 12010	Listed		
05746.000216	15 PROSPECT STREET 12010	Listed		
05746.000217	17 PROSPECT STREET 12010	Listed		
05746.000218	25 PROSPECT STREET 12072	Listed		
05746.000219	37 PROSPECT STREET 12072	Listed		
05746.000220	45 PROSPECT STREET 12072	Listed		
05746.000221	47 PROSPECT STREET 12072	Listed		
05746.000224	4 RIVERSIDE DRIVE 12072	Listed		
05746.000225	6 RIVERSIDE DRIVE 12072	Listed		

Table 5. Previously recorded historic archaeological sites and structures			
within one mile of the project area (continued).			
USN	Name	Status	
05746.000226	10 RIVERSIDE DRIVE 12072	Listed	
05746.000227	12 RIVERSIDE DRIVE 12072	Listed	
05746.000228	18 RIVERSIDE DRIVE 12072	Listed	
05746.000229	20 RIVERSIDE DRIVE 12072	Listed	
05746.000230	24 RIVERSIDE DRIVE 12072	Listed	
05746.000231	4 UNION STREET 12072	Listed	
05746.000232	8 UNION STREET 12072	Listed	
05746.000233	10 UNION STREET 12072	Listed	
05746.000234	11 UNION STREET 12072	Listed	
05746.000235	15 UNION STREET 12072	Listed	
05746.000236	16 UNION STREET 12072	Listed	
05746.000237	17 UNION STREET 12072	Listed	
05746.000238	18 UNION STREET 12072	Listed	
05746.000239	19 UNION STREET 12072	Listed	
05746.000240	21 UNION STREET 12072	Listed	
05746.000241	22 UNION STREET 12072	Listed	
05746.000242	23 UNION STREET 12072	Listed	
05746.000243	31 UNION STREET 12072	Listed	
05746.000244	33 UNION STREET 12072	Listed	
05746.000245	35 UNION STREET 12072	Listed	
05746.000246	39 UNION STREET 12072	Listed	
05746.000247	41 UNION STREET 12072	Listed	
05746.000248	48 UNION STREET 12072	Listed	
05746.000249	50 UNION STREET 12072	Listed	
05746.000250	52 UNION STREET 12072	Listed	
05746.000251	54 UNION STREET 12072	Listed	
05746.000252	60 UNION STREET 12072	Listed	
05746.000253	62 UNION STREET 12072	Listed	
05746.000254	7 UPPER FRANKLIN STREET 12072	Listed	
05746.000255	14 UPPER FRANKLIN STREET 12072	Listed	
05746.000256	18 UPPER FRANKLIN 12072	Listed	
05746.000257	19 UPPER FRANKLIN ST 12072	Listed	
05746.000258	22 UPPER FRANKLIN ST 12072	Listed	
05746.000259	24 UPPER FRANKLIN ST 12072	Listed	
05746.000260	UPPER FRANKLIN ST 12072	Listed	
05746.000261	UPPER FRANKLIN ST 12072	Listed	
05746.000262	27 UPPER FRANKLIN STREET 12072	Listed	
05746.000263	STARIN-VAN EPPS CEMETERY - UPPER FRANKLIN ST & MAIN ST 12072	Listed	

Table 5. Previously recorded historic archaeological sites and structures				
within one mile of the project area (continued).				
USN	Name	Status		
05746.000264	2 VAN EPPS RD 12072	Listed		
05746.000265	5 WASHINGTON STREET 12072	Listed		
05746.000266	7 WASHINGTON ST 12072	Listed		
05746.000267	14 WASHINGTON ST 12072	Listed		
05746.000268	16 WASHINGTON STREET 12072	Listed		
05746.000269	19 WASHINGTON ST 12072	Listed		
05746.000270	11 WASHINGTON ST EXT 12072	Listed		
05746.000271	20 WASHINGTON ST EXT 12072	Listed		
05746.000272	29 WASHINGTON STREET 12072	Listed		
05746.000273	31 WASHINGTON STREET EXT 12072	Listed		
05746.000274	32 WASHINGTON ST EXT 12072	Listed		
05746.000275	33 WASHINGTON ST EXT 12072	Listed		
05746.000276	36 WASHINGTON ST EXT 12072	Listed		
05746.000277	37 WASHINGTON STREET EXT 12072	Listed		
05746.000278	45 WASHINGTON ST EXT 12072	Listed		
90NR01537	BUTLER, WALTER, HOMESTEAD	Listed		
14NR06559	NEW YORK STATE BARGE CANAL HISTORIC DISTRICT	Listed		
19NR00026	FULTONVILLE HISTORIC DISTRICT	Listed		

Assessment of Sensitivity for Cultural Resources

An assessment of whether significant cultural resources are likely to be present within a project area must consider what is known of the prehistory of the area, including likely locations of archaeological sites and proximity to known sites; and the history of the immediate area, including whether any historic structures or features are known to exist within the project boundaries. An assessment must also consider that if cultural resources *are* located on a parcel, will they likely retain *integrity* (without which they would not be considered significant). Modifications to the land may serve to destroy all or portions of any cultural deposits that may exist.

Prehistoric Sensitivity

Five precontact archaeological sites are known within one mile of the project area, directly attesting to the use of the local terrain by prehistoric peoples. While these sites did not produce temporarily diagnostic artifacts nor mention who or what groups might have been associated with the sites, the Mohawk Valley was extensively settled. Use of the Mohawk Valley in general dates from the Paleoindian Period through and after European colonization and is part of the core area used by the Mohawk Nation of the Haudenosaunee or Iroquois. The proximity of the APE to the Mohawk River and its tributaries t would have provided many resources for precontact groups to exploit, allowing for full time occupation of the area. Due to these factors, the area should be considered highly sensitive for precontact remains.

Historic Sensitivity

Nine historic archaeological sites and 340 historic structures and properties can be found within one mile of the APE. These sites and structures date from the mid-eighteenth century to the late twentieth century within an area that has been heavily documented as being historically significant and very active since the 1600s. Over 200 structures and properties are listed on the National Register of Historic Places individually or as part of historic districts in nearby Fultonville and Fonda. Also, historic maps indicate that there were multiple historic structures and settlements located near the APE dating to the early 19th century. As a result of the historic import of the vicinity, the project area should be considered highly sensitive for historic remains.

Part II: Field Assessment

Field investigations were conducted to identify any historic or prehistoric cultural resources that may be impacted by the proposed project. The fieldwork was conducted on May 18th and 19th, 2021 and was supervised by David Moyer, Principal Investigator. Royce Duda and Silas Moyer assisted in the subsurface investigations. The weather was cool and warm with a high temperature of about 65 degrees. Photographs were taken of the project area, adjacent visible structures, and any areas of disturbance (Appendix B).

Methodology

The entire project area including the proposed array fields was initially examined through a walkover designed to identify visible features and artifact scatters, areas of disturbance, and the general terrain and ground cover. Only the area within the proposed impact area was tested; areas outside of this will not be disturbed by the project.

Subsurface Testing

Standard shovel test pits (STPs) were used to test for buried cultural deposits. STPs are small (about 50 cm or 20-inch diameter) holes excavated with a shovel; sediments are screened through 1/4-inch mesh to look for artifacts. STPs are excavated in natural soil layers, as much as possible, and are dug through the topsoil to at least 20 cm (~ 8 inches) into culturally sterile subsoil.

STPs were placed using a compass and tape at 15 m (49.2 foot) across the entire linear road segment unless otherwise noted (see Subsurface Examinations). When an STP was placed in an area that was obviously disturbed (e.g., in a ditch along the side the road) or in standing water, an attempt was made to move the shovel test beyond the area of disturbance, to a maximum distance of 3 meters from its original location. Wetlands and areas of substantial previous disturbance were not tested. A list of the STPs and their soil profiles is provided in Appendix C. Excavation of STPs was halted 20 cm (8 in.) into culturally sterile subsoil unless noted in the STP records.

Results

Surface Inspection

Before we began the subsurface testing, the entire area of potential effects (APE) was first subjected to a pedestrian walkover of all areas of proposed ground disturbance. The APE is located on the south side of Riverside Drive and the Mohawk River in the Town of Glen, Montgomery County, New York (Figures 1 and 2; Photos 1-30). The proposed project involves the construction of a new gas station and travel plaza as well as a new truck service building, roadways, parking areas and utilities. The APE includes approximately 7.0 acres of a parcel measuring approximately 13.0 acres.

The proposed project area is accessed via the south side of Riverside Drive (Photos 1-6). A ditch and a gas transmission pipeline occur along the edge of the road (Photo 7). Mid-20th century motels occur to the west of the APE boundaries on both sides of the road (Photos 8 and 9), while a vacant house occurs on the parcel to the east (Photo 10).

The project area consists of open fields, providing wide views in all directions (Photos 24-29). Surface visibility was poor. Occasional boulders and bedrock were noted along the surface of the field (Photo 11). Areas of mechanized soil testing were also noted in isolated areas throughout the project area (Photos 12 and 13). Standing water was noted in low areas in the northern half of the APE (Photo 14). The western boundary of the project was wooded with mature trees and underbrush (Photos 15-20). Soil piles and modern refuse were common in this area (Photo 21). A stone wall was noted along the western boundary of the parcel (Photo 23). A wide parking lot behind a motel occurs on the parcel to the west (Photo 22). Interstate 90 is visible to the south of the project boundaries (Photo 30).

No historic or precontact artifacts or features were encountered and no archaeological sites were identified as part of the surface inspection.

Structures

No structures occur within the project area, although several structures are visible on adjacent parcels. A vacant house occurs to the east of the project boundaries (Photo 10) while motels occur to the west (Photos 8 and 9). A truck center occurs on the opposite side of Riverside Drive (Photos 4, 5 and 24). All of these structures date to the mid-20th century, around the time that the interstate was constructed. None of the structures in the project appear eligible for inclusion on the National Register of Historic Places.

No structures will be impacted by the proposed construction.

Visual Impacts

The project area is located in an open field on the south side of the Mohawk River, providing wide views in all directions (Photos 24-29). Adjacent structures date from the mid-20th century and include motels, truck centers and an abandoned house, none of

which appear eligible for NRHP inclusion. No NRHP eligible or listed structures are visible from the project boundaries. For these reasons, the project should have no visual impact on any historic properties in the area. The proposed gas station and truck center are in keeping with the commercial land use of adjacent properties and will not add any new forms of land use within the vicinity.

Subsurface Examinations

Subsurface testing was conducted in all areas of proposed ground disturbance. The entire area of potential effects (APE) was surveyed using subsurface testing. A total of 132 STPs were placed at 15 m (49.2 foot) intervals to form a grid over the APE as shown in Figure 2. Each STP was labeled according to transect, with numerical labels used to further designate individual holes. Of these 132 STPs, four (3.0%) recovered historic and modern artifacts, including a fragment of landscaping fabric from STP B-6, a piece of glass and a brick fragment recovered from STP G-1, a brick fragment recovered from STP I-3. These modern finds were scattered over the northern half of the project area and do not appear to represent a site or artifact concentration. No precontact or historic artifacts were recovered, and no archaeological sites were identified as part of the subsurface testing.

STPs excavated within the project boundaries ranged in depth from 18-65 cm (7.1 to 25.6 inches) below the ground surface, with an average depth of 48.2 cm (19.0 inches). Soils were generally similar to the soil profiled examined prior to the fieldwork (Tables 1-3), with topsoil generally consisting of 10YR 3/3 dark brown silt loam overlaying a subsoil consisting of 10YR 5/6 yellowish brown clay loam. In the northern part of the APE soils were damper and contained more silt, making them more difficult to screen. STP H-3 encountered an upper fill lens consisting of 10YR 3/1 very dark brown coarse sand. Topsoil was shallow in the northern part of the APE, likely reflecting ground leveling and soil truncation.

Rocks and water were the greatest obstacles encountered during the excavations. In many cases these two obstacles worked in concert together, as the test pits would fill with water while attempting to remove stubborn rocks. Fifteen STPs (11.4%) were stopped by impenetrable rocks at depths ranging between 18 and 46 cm (7.1 and 18.1 in) below the ground surface. Four STPs (3.0%) were stopped by rising water levels at depths ranging between 27 and 37 cm (10.6 and 14.6 in). Four STPs were moved 1-2 meters from their original location due to push piles and standing water. No other soil anomalies were encountered as part of the excavations.

Part III: Summary and Recommendations

A Phase IA/IB Cultural Resources Survey has been completed for the proposed Pilot Travel Plaza Development Project, located on the south side of Riverside Drive (Route 920P) in the Town of Glen, Montgomery County, New York (Figures 1 and 2; Photos 1-30). The project entails the construction of a new gas station and travel plaza as well as a new truck service building, roadways, parking areas and utilities. Approximately 7.0 acres of a parcel measuring approximately 13 acres will be impacted by the proposed construction. Depth of the proposed ground disturbance will likely exceed 5 ft (1.5 m) where the building footprints and buried storage tanks are proposed.

The Phase IA literature review and sensitivity assessment indicated that the proposed project is highly sensitive for precontact archaeological remains due to its proximity to the Mohawk River and five precontact archaeological sites. The area is also considered highly sensitive for historic remains due to the long history of occupation in the Mohawk Valley and the proximity of the project to nine historic archaeological sites and 340 historic structures.

A Phase IB field examination was conducted to test for cultural deposits that may be impacted by the proposed project. The entire area of potential effects (APE) was surveyed using subsurface testing. A total of 132 shovel test pits (STPs) were excavated at 15 m (49.2 ft) intervals over the entire area of potential effects (APE). Four of these STPs (3.0%) encountered modern refuse consisting of brick and fragments of clear bottle glass. No precontact or historic artifacts were encountered, and no archaeological sites were identified as part of the subsurface testing.

Based on these findings, we find that the proposed project will have no impact on any historic of precontact archaeological resources in the vicinity and recommend that the project be allowed to proceed. If archaeological materials are encountered as part of the construction process then all work should cease, and a qualified archaeologist should be consulted prior to resuming construction. These recommendations are subject to the review and concurrence of the New York State Office of Parks, Recreation and Historic Preservation.

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Appendix A. Figures

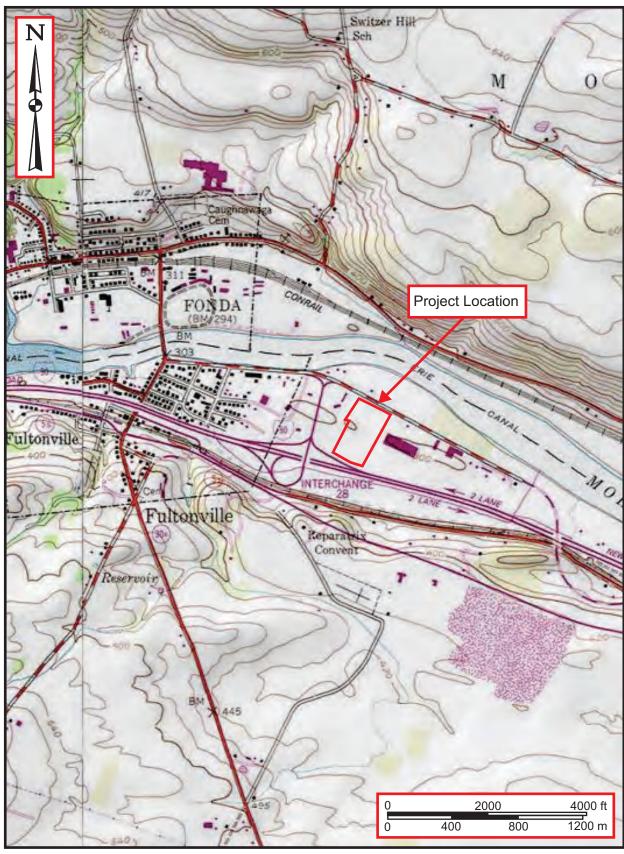


Figure 1. Map showing the location of the project area on the Tribes Hill 7.5 minute USGS topographic map.

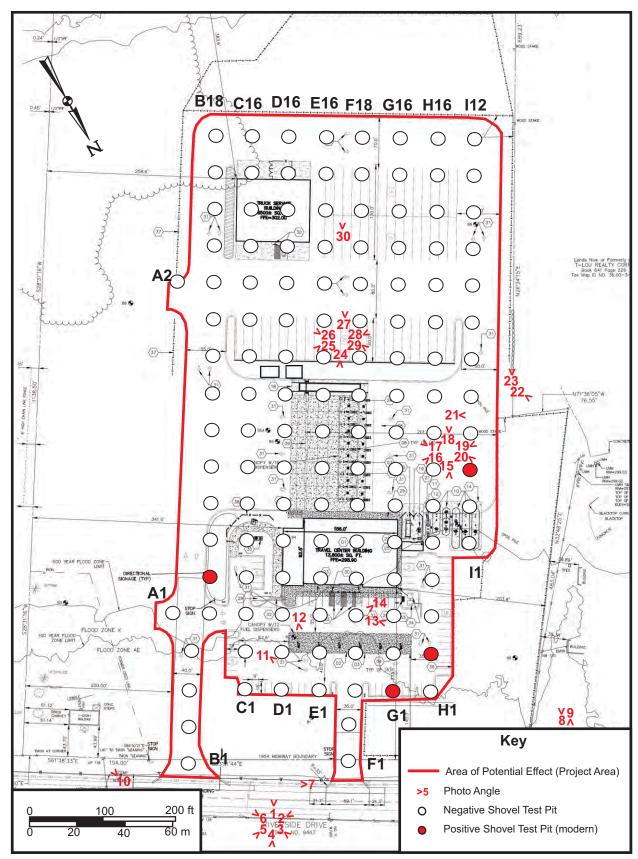


Figure 2. Map showing the location of subsurface testing within the project boundaries.



Figure 3. USDA Web Soil Survey map with the project area indicated.

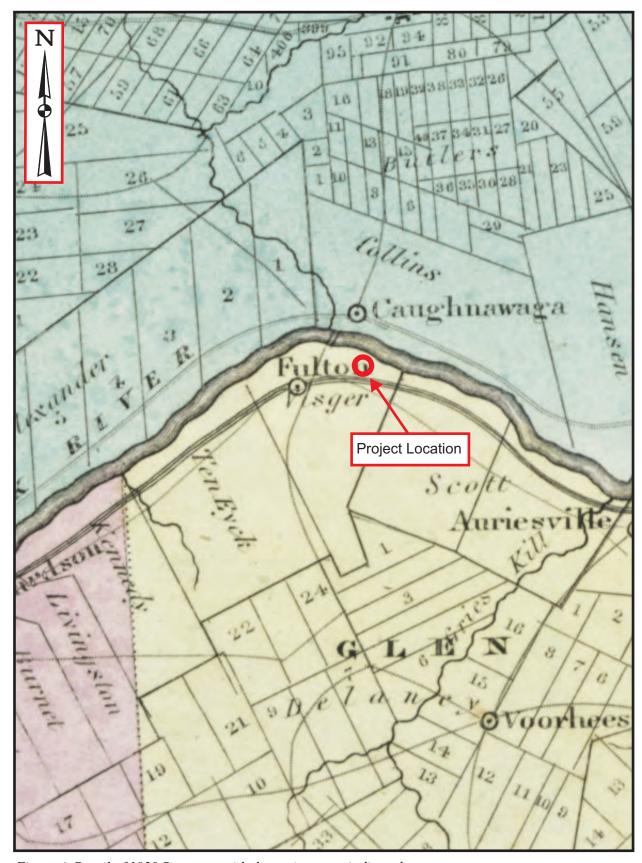


Figure 4. Detail of 1829 Burr map with the project area indicated.

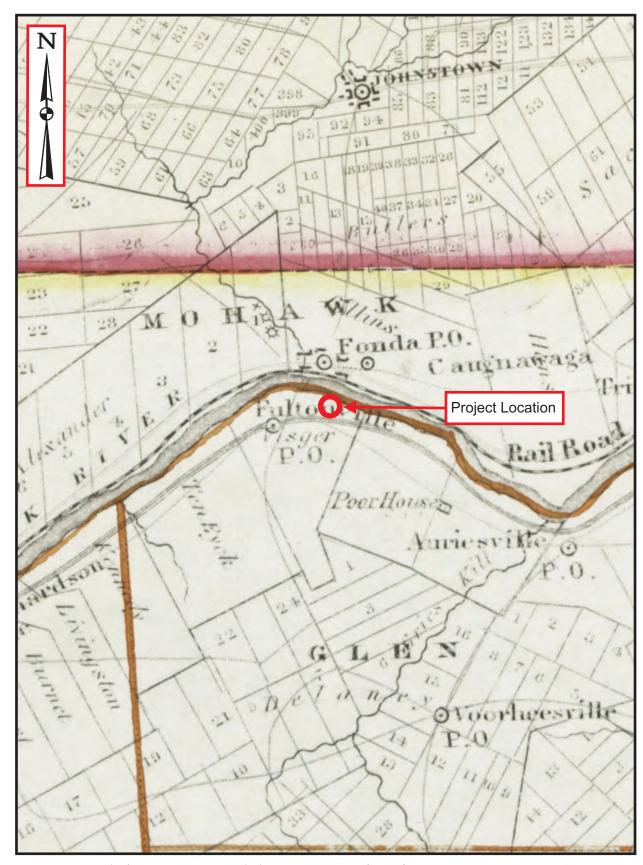


Figure 5. Detail of 1840 Burr map with the project area indicated.

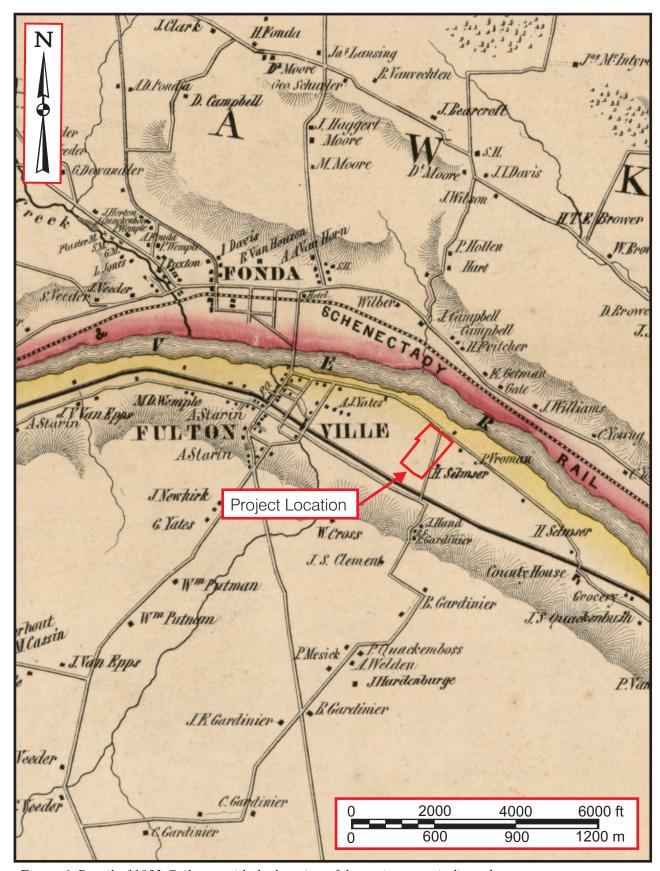


Figure 6. Detail of 1853 Geil map with the location of the project area indicated..

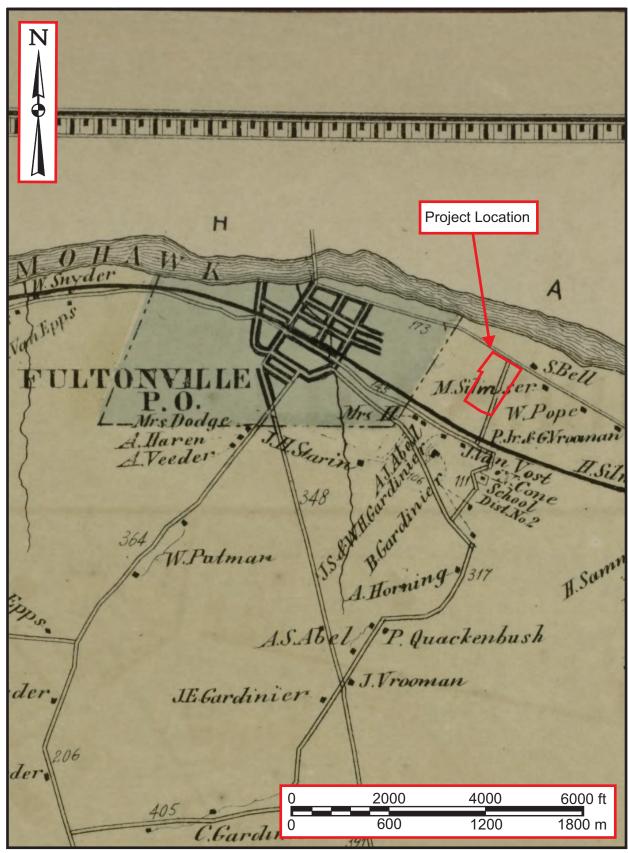


Figure 7. Detail of 1868 Stranahan and Nichols map with the project area indicated.

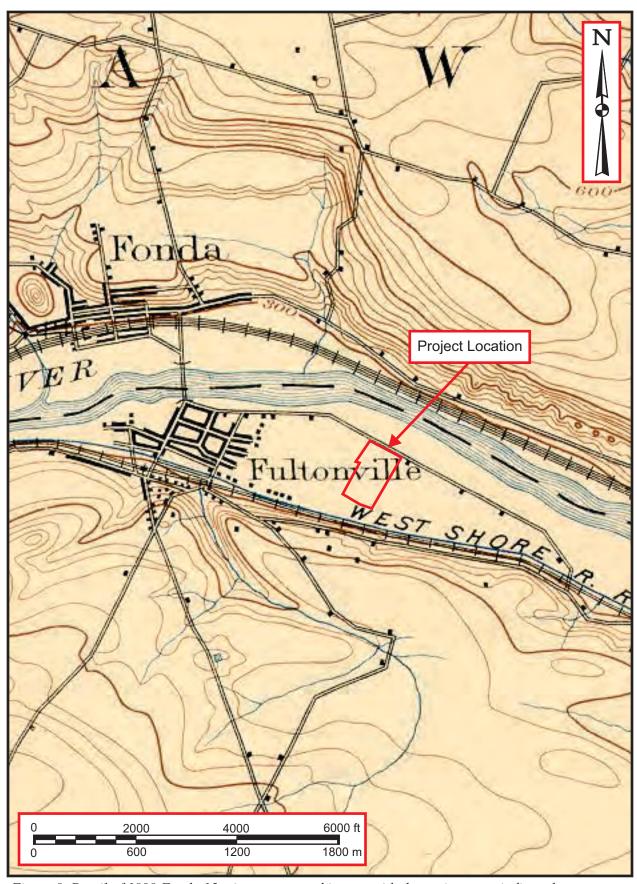


Figure 8. Detail of 1898 Fonda 15 minute topographic map with the project area indicated.

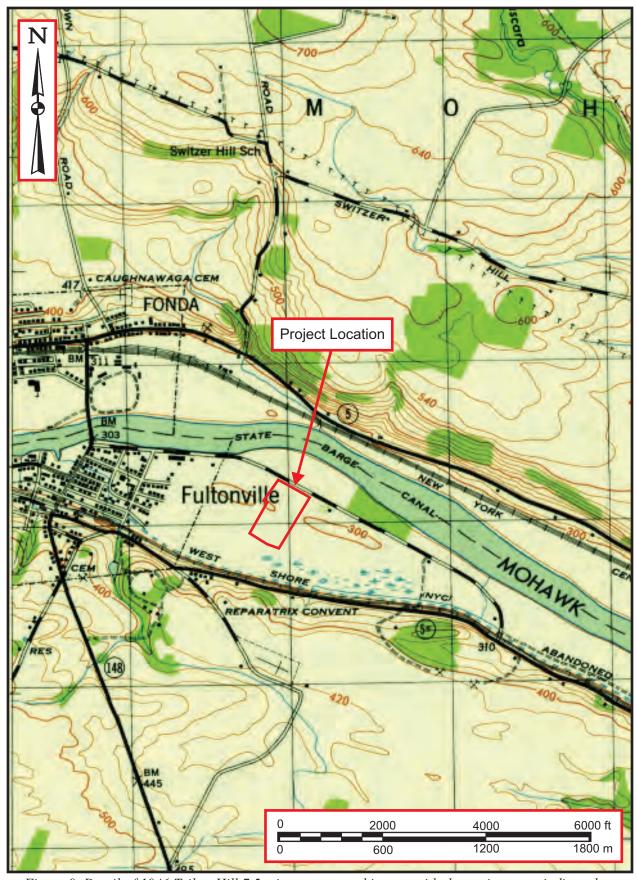


Figure 9. Detail of 1946 Tribes Hill 7.5 minute topographic map with the project area indicated.

Appendix B. Photographs



Photo 1. Portion of panoramic view from Riverside Drive, facing southwest.



Photo 2. Portion of panoramic view from Riverside Drive, facing northwest.



Photo 3. Portion of panoramic view from Riverside Drive, facing north.



Photo 4. Portion of panoramic view from Riverside Drive, facing northeast.



Photo 5. Portion of panoramic view from Riverside Drive, facing southeast.



Photo 6. Portion of panoramic view from Riverside Drive, facing south.



Photo 7. View of gas pipeline marker on the south side of Riverside Drive, facing southeast.



Photo 8. View of former motel building to the west of the project boundaries, facing southwest.



Photo 9. View of former motel building on the north side of Riverside Drive, facing northeast.



Photo 10. View of vacant house to the east of the project boundaries, facing south.



Photo 11. View of boulder in the northern part of the project area, facing north.



Photo 12. View of mechanized soil testing area and standing water, facing northeast.



Photo 13. View of mechanized soil testing area and standing water, facing northwest.



Photo 14. View of standing water in the northern part of the project area, facing east.



Photo 15. Portion of panoramic view from a wooded area in the western part of the project, facing northeast.



Photo 16. Portion of panoramic view from a wooded area in the western part of the project, facing southeast.



Photo 17. Portion of panoramic view from a wooded area in the western part of the project, facing south.



Photo 18. Portion of panoramic view from a wooded area in the western part of the project, facing southwest.



Photo 19. Portion of panoramic view from a wooded area in the western part of the project, facing northwest.



Photo 20. Portion of panoramic view from a wooded area in the western part of the project, facing north.



Photo 21. View of modern refuse pile along the western boundary of the project, facing northwest.



Photo 22. View of truck plaza and motel to the west of the project boundaries, facing northwest.



Photo 23. View of stone wall along the western boundary of the project, facing southwest.



Photo 24. Portion of panoramic view from the central part of the project area, facing northeast.



Photo 25. Portion of panoramic view from the central part of the project area, facing southeast.



Photo 26. Portion of panoramic view from the central part of the project area, facing south.



Photo 27. Portion of panoramic view from the central part of the project area, facing southwest.



Photo 28. Portion of panoramic view from the central part of the project area, facing northwest.



Photo 29. Portion of panoramic view from the central part of the project area, facing north.



Photo 30. View of interstate to the south of the project boundaries, facing south.

Appendix C. Shovel Test Pit Records

Appendix C.

STP Records

STP	Lyl	from (cm)	to (cm)	Soil Description	Soil Interpretation	Artifacts (Y/N)	Comments
A-1	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
A-1	2	20	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
A-2	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
A-2	2	20	53	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-1	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
B-1	2	18	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-2	1	0	19	10YR 3/3 dark brown silt loam	A Horizon	N	
B-2	2	19	48	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-3	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
B-3	2	18	43	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-4	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
B-4	2	21	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-5	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
B-5	2	20	51	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-6	1	0	17	10YR 3/3 dark brown silt loam	A Horizon	Υ	landscaping fabric, reburied
B-6	2	17	43	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-7	1	0	23	10YR 3/3 dark brown silt loam	A Horizon	N	
B-7	2	23	52	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-8	1	0	17	10YR 3/3 dark brown silt loam	A Horizon	N	
B-8	2	17	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-9	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
B-9	2	22	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-10	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
B-10	2	18	42	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-11	1	0	23	10YR 3/3 dark brown silt loam	A Horizon	N	
B-11	2	23	30	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by rocks
B-12	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
B-12	2	18	46	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by rocks

STP	LvI	from (cm)	to (cm)	Soil Description	Soil Interpretation	Artifacts (Y/N)	Comments
B-13	1	0	19	10YR 3/3 dark brown silt loam	A Horizon	N	
B-13	2	19	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-14	1	0	25	10YR 3/3 dark brown silt loam	A Horizon	N	
B-14	2	25	53	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-15	1	0	13	10YR 3/3 dark brown silt loam	A Horizon	N	
B-15	2	13	45	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-16	1	0	26	10YR 3/3 dark brown silt loam	A Horizon	N	
B-16	2	26	55	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-17	1	0	25	10YR 3/3 dark brown silt loam	A Horizon	N	
B-17	2	25	54	10YR 5/6 yellowish brown clay loam	B horizon	N	
B-18	1	0	26	10YR 3/3 dark brown silt loam	A Horizon	N	
B-18	2	26	53	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-1	1	0	14	10YR 3/3 dark brown silt loam	A Horizon	N	
C-1	2	14	45	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-2	1	0	11	10YR 3/3 dark brown silt loam	A Horizon	N	
C-2	2	11	40	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-3	1	0	14	10YR 3/3 dark brown silt loam	A Horizon	N	
C-3	2	14	48	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-4	1	0	13	10YR 3/3 dark brown silt loam	A Horizon	N	
C-4	2	13	45	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-5	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
C-5	2	21	48	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-6	1	0	23	10YR 3/3 dark brown silt loam	A Horizon	N	
C-6	2	23	51	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-7	1	0	25	10YR 3/3 dark brown silt loam	A Horizon	N	
C-7	2	25	53	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-8	1	0	14	10YR 3/3 dark brown silt loam	A Horizon	N	
C-8	2	14	48	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-9	1	0	17	10YR 3/3 dark brown silt loam	A Horizon	N	
C-9	2	17	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-10	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
C-10	2	21	51	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-11	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	stopped by rocks

STP	LvI	from (cm)	to (cm)	Soil Description	Soil Interpretation	Artifacts (Y/N)	Comments
C-12	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
C-12	2	22	53	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-13	1	0	14	10YR 3/3 dark brown silt loam	A Horizon	N	
C-13	2	14	40	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-14	1	0	13	10YR 3/3 dark brown silt loam	A Horizon	N	
C-14	2	13	42	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-15	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
C-15	2	18	47	10YR 5/6 yellowish brown clay loam	B horizon	N	
C-16	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
C-16	2	18	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-1	1	0	24	10YR 3/3 dark brown silt loam	A Horizon	N	
D-1	2	24	52	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-2	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
D-2	2	22	46	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-3	1	0	26	10YR 3/3 dark brown silt loam	A Horizon	N	
D-3	2	26	51	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-4	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
D-4	2	18	44	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-5	1	0	17	10YR 3/3 dark brown silt loam	A Horizon	N	
D-5	2	17	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-6	1	0	27	10YR 3/3 dark brown silt loam	A Horizon	N	
D-6	2	27	53	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-7	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
D-7	2	18	54	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-8	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
D-8	2	22	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-9	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
D-9	2	21	45	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-10	1	0	26	10YR 3/3 dark brown silt loam	A Horizon	N	moved 2mN
D-10	2	26	55	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-11	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
D-11	2	21	40	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-12	1	0	27	10YR 3/3 dark brown silt loam	A Horizon	N	

STP	LvI	from (cm)	to (cm)	Soil Description	Soil Interpretation	Artifacts (Y/N)	Comments
D-12	2	27	65	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-13	1	0	24	10YR 3/3 dark brown silt loam	A Horizon	N	
D-13	2	24	53	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-14	1	0	26	10YR 3/3 dark brown silt loam	A Horizon	N	
D-14	2	26	53	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-15	1	0	19	10YR 3/3 dark brown silt loam	A Horizon	N	
D-15	2	19	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
D-16	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
D-16	2	20	44	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-1	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
E-1	2	20	40	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-2	1	0	19	10YR 3/3 dark brown silt loam	A Horizon	N	
E-2	2	19	36	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by water
E-3	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
E-3	2	18	47	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-4	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
E-4	2	18	48	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-5	1	0	16	10YR 3/3 dark brown silt loam	A Horizon	N	
E-5	2	16	44	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by rocks
E-6	1	0	14	10YR 3/3 dark brown silt loam	A Horizon	N	
E-6	2	14	45	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-7	1	0	26	10YR 3/3 dark brown silt loam	A Horizon	N	
E-7	2	26	55	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-8	1	0	17	10YR 3/3 dark brown silt loam	A Horizon	N	
E-8	2	17	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-9	1	0	15	10YR 3/3 dark brown silt loam	A Horizon	N	
E-9	2	15	38	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-10	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
E-10	2	18	47	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-11	1	0	17	10YR 3/3 dark brown silt loam	A Horizon	N	
E-11	2	17	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-12	1	0	14	10YR 3/3 dark brown silt loam	A Horizon	N	
E-12	2	14	46	10YR 5/6 yellowish brown clay loam	B horizon	N	

STP	Lvi	from (cm)	to (cm)	Soil Description	Soil Interpretation	Artifacts (Y/N)	Comments
E-13	1	0	15	10YR 3/3 dark brown silt loam	A Horizon	N	
E-13	2	15	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-14	1	0	15	10YR 3/3 dark brown silt loam	A Horizon	N	
E-14	2	15	45	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-15	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
E-15	2	18	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
E-16	1	0	17	10YR 3/3 dark brown silt loam	A Horizon	N	
E-16	2	17	47	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-1	1	0	15	10YR 3/3 dark brown silt loam	A Horizon	N	
F-1	2	15	22	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by rocks
F-2	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
F-2	2	21	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-3	1	0	25	10YR 3/3 dark brown silt loam	A Horizon	N	
F-3	2	25	53	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-4	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
F-4	2	21	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-5	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
F-5	2	18	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-6	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
F-6	2	20	48	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-7	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
F-7	2	18	35	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by rocks
F-8	1	0	19	10YR 3/3 dark brown silt loam	A Horizon	N	
F-8	2	19	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-9	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
F-9	2	22	30	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-10	1	0	27	10YR 3/3 dark brown silt loam	A Horizon	N	stopped by rocks
F-11	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
F-11	2	20	51	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-12	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
F-12	2	21	47	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-13	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
F-13	2	22	50	10YR 5/6 yellowish brown clay loam	B horizon	N	

STP	LvI	from (cm)	to (cm)	Soil Description	Soil Interpretation	Artifacts (Y/N)	Comments
F-14	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
F-14	2	21	51	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-15	1	0	28	10YR 3/3 dark brown silt loam	A Horizon	N	
F-15	2	28	59	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-16	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
F-16	2	21	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-17	1	0	23	10YR 3/3 dark brown silt loam	A Horizon	N	
F-17	2	23	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
F-18	1	0	28	10YR 3/3 dark brown silt loam	A Horizon	N	
F-18	2	28	56	10YR 5/6 yellowish brown clay loam	B horizon	N	
G-1	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	Υ	1 piece glass. 1 brick frag, reburied
G-1	2	18	30	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by rocks
G-2	1	0	27	10YR 3/3 dark brown silt loam	A Horizon	N	stopped by rocks
G-3	1	0	24	10YR 3/3 dark brown silt loam	A Horizon	N	
G-3	2	24	43	10YR 5/6 yellowish brown clay loam	B horizon	N	
G-4	1	0	26	10YR 3/3 dark brown silt loam	A Horizon	N	
G-4	2	26	37	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by water
G-5	1	0	26	10YR 3/3 dark brown silt loam	A Horizon	N	
G-5	2	26	33	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by rocks
G-6	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	moved 2mE due to slope
G-6	2	22	45	10YR 5/6 yellowish brown clay loam	B horizon	N	
G-7	1	0	24	10YR 3/3 dark brown silt loam	A Horizon	N	
G-7	2	24	42	10YR 5/6 yellowish brown clay loam	B horizon	N	
G-8	1	0	19	10YR 3/3 dark brown silt loam	A Horizon	N	moved 1mN slope
G-8	2	19	29	10YR 5/6 yellowish brown clay loam	B horizon	N	
G-9	1	0	27	10YR 3/3 dark brown silt loam	A Horizon	N	stopped by water
G-10	1	0	19	10YR 3/3 dark brown silt loam	A Horizon	N	
G-10	2	19	29	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by water
G-11	1	0	23	10YR 3/3 dark brown silt loam	A Horizon	N	moved 2mS, stopped by rocks
G-12	1	0	19	10YR 3/3 dark brown silt loam	A Horizon	N	stopped by rocks
G-13	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
G-13	2	22	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
G-14	1	0	25	10YR 3/3 dark brown silt loam	A Horizon	N	

STP	LvI	from (cm)	to (cm)	Soil Description	Soil Interpretation	Artifacts (Y/N)	Comments
G-14	2	25	43	10YR 5/6 yellowish brown clay loam	B horizon	N	
G-15	1	0	17	10YR 3/3 dark brown silt loam	A Horizon	N	
G-15	2	17	48	10YR 5/6 yellowish brown clay loam	B horizon	N	
G-16	1	0	27	10YR 3/3 dark brown silt loam	A Horizon	N	
G-16	2	27	44	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-1	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
H-1	2	22	48	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-2	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	Y	1 brick frag reburied
H-2	2	20	49	10YR 5/6 yellowish brown clay	B horizon	N	
H-3	1	0	26	10YR 3/1 dark brown sand	Fill	N	
H-3	2	26	55	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-4	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
H-4	2	20	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-5	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
H-5	2	21	56	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-6	1	0	23	10YR 3/3 dark brown silt loam	A Horizon	N	
H-6	2	23	52	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-7	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
H-7	2	20	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-8	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
H-8	2	21	43	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by rocks
H-9	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
H-9	2	20	48	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-10	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
H-10	2	21	52	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-11	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
H-11	2	20	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-12	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
H-12	2	22	51	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-13	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
H-13	2	20	52	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-14	1	0	24	10YR 3/3 dark brown silt loam	A Horizon	N	
H-14	2	24	50	10YR 5/6 yellowish brown clay loam	B horizon	N	

STP	LvI	from (cm)	to (cm)	Soil Description	Soil Interpretation	Artifacts (Y/N)	Comments
H-15	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
H-15	2	22	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
H-16	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
H-16	2	20	48	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-1	1	0	17	10YR 3/3 dark brown silt loam	A Horizon	N	
I-1	2	17	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-2	1	0	28	10YR 3/3 dark brown silt loam	A Horizon	N	
I-2	2	28	54	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-3	1	0	27	10YR 3/3 dark brown silt loam	A Horizon	Υ	3 clear glass frags reburied
I-3	2	27	45	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-4	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
I-4	2	22	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-5	1	0	19	10YR 3/3 dark brown silt loam	A Horizon	N	
I-5	2	119	49	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-6	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
I-6	2	21	40	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-7	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
I-7	2	20	51	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-8	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	Ν	
I-8	2	22	47	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-9	1	0	22	10YR 3/3 dark brown silt loam	A Horizon	N	
I-9	2	22	43	10YR 5/6 yellowish brown clay loam	B horizon	Ν	stopped by rocks
I-10	1	0	20	10YR 3/3 dark brown silt loam	A Horizon	N	
I-10	1	20	50	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-11	1	0	21	10YR 3/3 dark brown silt loam	A Horizon	N	
I-11	2	21	45	10YR 5/6 yellowish brown clay loam	B horizon	N	
I-12	1	0	18	10YR 3/3 dark brown silt loam	A Horizon	N	
I-12	2	18	45	10YR 5/6 yellowish brown clay loam	B horizon	N	stopped by rocks

REFERRAL FORM

MONTGOMERY COUNTY PLANNING BOARD

Referral Number_

assigned by the MCPB upon acceptance of referral for review

This Referral must be received **SEVEN CALENDAR DAYS** prior to the MCPB meeting date in order for it to be placed on the agenda.

ГO:	Montgomery County Planning Board, Old County Courthouse, PO Box 1500, Fonda, New York 12068 Phone: 518-853-8334 Fax: 518-853-8336	FROM: Municipal Board: Town of Mohawk Planning Board Referring Officer: Patrick Clear Mail original resolution to: Town of Mohawk Atten: Town Clerk – Kim Sullivan P.O. Box 415, 2-4 Park Street Fonda, New York 12068
1.	Applicant: <u>Town of Mohawk</u> 2. Owner/Site Ad	ddress: 246 Van Antwerp Road, Johnstown, New York 12095
3.	Tax Map Number(s): S.B.L. 212-1	4. Acres: 13.5
5. .	Is the site currently serviced by public water? \Box	Yes No
6.	On-site waste water treatment is currently provide	ded by: Public Sewer or Septic System
7.	Current Zoning: R-2 8. Curr	rent Land Use: Vacant Farm Land
9.]	Project Description:Construct 1.7 MWatt Sol	ar Development Project on 7.92 acres of 13.5 acres
10.	MCPB Jurisdiction:	
	Text Adoption or Amendment ⊠ Site is l	located within 500' of: Fulton / Montgomery County Line
]	Zoning Board Public Hearing: Date: 04/22/2021 Planning Board Public Hearing: Date: 05/18/202 Zoning Board Public Hearing: Date: 05/20/2021	t/recreation area am or drainage channel
		rred Action(s) ntify the referring municipal board if different from above.
10	_	,
	☐ Text Adoption or ☐ Amendment	Referring Board:
	_	ng Ordinance Other
	☐ Zone Change	Referring Board:
		Number of Acres:
_		
	Site Plan ☐ Project Site Review	Referring Board:
_	posed Improvements:Construct a 1.7 MWatt So	
_	•	at into the Power Grid
W/ill	If the proposed project require a variance?	Yes No Type Y Area I Use

Specify: _Area Setback Variance was granted	d May 20, 2021 b	y Town of M	Mohawk Zoning B	Soard of Appeals
Is a State of County DOT work permit needed?	If Yes :	State or	County	X No
Specify:				
15. Special Permit	Refer	ring Board	l:	
Section of local zoning code that requires a speci	al permit for this	use:		
Will the proposed project require a variance?	X Yes	☐ No	Type: X	Area Use
16. Variance	Refer	ring Board	l :	
X Area Use				
Section(s) of local zoning code to which the varia	ance is being soug	ht: Town o	f Mohawk Local	Law #2 of 2021 Solar
Describe how the proposed project varies from the than the required 200 foot setback, granted M		ion: <u>Req</u>	uested a 100 foot	t setback, which was less
	SEQR Determi	nation		
Action:	Finding:			
X Type I		Posit	ive Declaration –	Draft EIS
☐ Type II		X Condi	tional Negative D	eclaration
Unlisted Action		☐ Nega	tive Declaration	
Exempt		☐ No F	inding (Type II O	nly)
SEQR determination made by (Lead Agency):			ng Board Date	e: <u>May 18, 2021</u>
	EQUIRED MATI			
Send 3 copies of a "Full Statement of the Prop				
All materials required by and submitted to the re-		• •		
 If submitting site plans, please submit on All material may be submitted digitally a planning-board-referrals/ 			•	ces/montgomery-county-
This referral, as required by GML §239 l and Montgomery County Planning Board (MCPB) i Body within thirty days of receipt of the Full State	n its review. Reco	•		_
Stanley F. Waddle			\mathcal{J}	une 4, 2021

Name, Title & Phone Number of Person Completing this Form Stanley F. Waddle, Town of Mohawk Building & Zoning Code Enforcement (518)-571-9882

Transmittal Date

This side to be completed by Montgomery County Planning.

REFERRAL FORM MONTGOMERY COUNTY PLANNING BOARD

TO:		
Montgomer		on Please be advised that the iewed the proposal stated on the opposite side of the ng recommendation.
	Approves	
	Approves (with Modification)	
	Disapproves:	
	No significant County-wide or	inter-community input
	Not subject to Planning Board r	eview
	Took no action	
	±	requires that within thirty days after final action by the shall be filed with the County Planning Board.
Date		Kenneth F. Rose, Director Montgomery County Dept. of Economic Development and Planning

DEVELOPMENT PLANS FOR PROPOSED

MOHAWK SOLAR PROJECT

246 VAN ANTWERP ROAD JOHNSTOWN, NEW YORK 12095

PROJECT CONTACTS

CIVIL ENGINEER

BERGMANN
2 WINNERS CIRCLE, SUITE 102
ALBANY, NY 12205
CONTACT: ERIC REDDING, PE
PHONE: 518.556.3631

APPLICANT
YELLOW 12 LLC
125 WOLF ROAD, SUITE 312
COLONIE, NY 12205
CONTACT: CHRIS STROUD
PHONE: 518.390.4004

ELECTRICAL ENGINEER

BERGMANN
2 WINNERS CIRCLE, SUITE 102
ALBANY, NY 12205
CONTACT: KATHLEEN CONNOLLY
PHONE: 518.556.3631

OWNER
GEORGE MOSES
265 HEAGLE ROAD
JOHNSTOWN, NY 12095





DRAWING INDEX					
DRAWING NO.	DRAWING TITLE	SHEET NO.			
C000	COVER	1			
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C002	AREA PARCEL PLAN	3			
C003	EXISTING CONDITIONS PLAN	4			
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C010	DETAILS III	11			



2 Winners Circle, Suite 102 Albany, NY 12205 www.bergmannpc.com



YELLOW 12 LLC

MOHAWK SOLAR PROJECT

246 VAN ANTWERP ROAD JOHNSTOWN, NY 12095

Date Revised Description

NOT FOR
CONSTRUCTION
0 % SUBMISSION

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Project Manager

ECR

ECR

Designer

WD

ECR

Date Issued

Project Number

14859.01

Sheet Name

COVER

Drawing Numbe

C000

4/2021 3:01 PM

SEQUENCE OF CONSTRUCTION:

- 1. PRE-CONSTRUCTION MEETING HELD TO INCLUDE PROJECT MANAGER, OPERATOR'S ENGINEER, CONTRACTOR, AND SUB-CONTRACTORS PRIOR TO LAND DISTURBING ACTIVITIES.
- 2. CONSTRUCT CONSTRUCTION ENTRANCE/EXIT AT LOCATIONS DESIGNATED ON PLANS.
- 3. INSTALL PERIMETER SILT FENCE.
- 4. HAVE A QUALIFIED PROFESSIONAL CONDUCT AN ASSESSMENT OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 5. BEGIN CLEARING AND GRUBBING OPERATIONS. CLEARING AND GRUBBING SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND ONLY IN AREAS WHERE CONSTRUCTION IS PLANNED TO COMMENCE WITHIN 14 DAYS AFTER CLEARING AND GRUBBING.
- 6. STRIP TOPSOIL AND STOCKPILE IN A LOCATION ACCEPTABLE TO CONSTRUCTION MANAGER. WHEN STOCKPILE IS COMPLETE, INSTALL PERIMETER SILT FENCE, SEED SURFACE WITH 100% PERENNIAL RYEGRASS MIXTURE AT A RATE OF 2-4 LBS. PER 1000 SQ. FT. APPLY 90-100 LBS. PER 1000 SQ. FT. OF MULCH.
- 7. COMMENCE EARTHWORK CUT AND FILLS. THE WORK SHALL BE PROGRESSED TO ALLOW A REASONABLE TRANSFER OF CUT AND FILL EARTH FOR ROUGH GRADING AND EARTH MOVING. THE CONTRACTOR WILL BE GIVEN SOME LATITUDE TO VARY FROM THE FOLLOWING SCHEDULE IN ORDER TO MEET THE FIELD CONDITIONS ENCOUNTERED. CONTRACTOR SHALL REVIEW VARIATIONS TO SWPPP WITH DESIGN ENGINEER AND QUALIFIED PROFESSIONAL PRIOR TO IMPLEMENTATION.
- 8. INSTALL TEMPORARY CONSTRUCTION ROAD, AS NEEDED, AND IMMEDIATELY STABILIZE WITH CRUSHED STONE (OR EQUIVALENT) TO PREVENT EROSION AS SOON AS PRACTICABLE.
- 9. STABILIZE ALL AREAS AS SOON AS PRACTICABLE, IDLE IN EXCESS OF 7 DAYS AND IN WHICH CONSTRUCTION WILL NOT RECOMMENCE WITHIN 14 DAYS.
- 10. INSTALL PERIMETER FENCE, SOLAR PANELS, UTILITIES, AND APPURTENANCES. TRENCH EXCAVATION/BACKFILL AREAS SHOULD BE STABILIZED PROGRESSIVELY AT THE END OF EACH WORKDAY WITH SEED AND STRAW MULCH AT A RATE OF 100% PERENNIAL RYE GRASS AT 2-4 LBS./1000 SF MULCHED AT 90-100 LBS./1000 SF.
- 11. STABILIZE ALL AREAS IDLE IN EXCESS OF 7 DAYS IN WHICH CONSTRUCTION WILL NOT RECOMMENCE WITHIN 14 DAYS.
- 12. REMOVE TEMPORARY CONSTRUCTION EXIT(S) AND PERIMETER SILT FENCE ONCE SITE HAS ACHIEVED 80% UNIFORM STABILIZATION.
- 13. REMOVE TEMPORARY CONSTRUCTION ROAD AND CONSTRUCT THE PROPOSED LIMITED-USE PERVIOUS GRAVEL DRIVEWAY. THE SUB-GRADE MATERIAL WHERE THE DRIVEWAY IS TO BE INSTALLED SHALL BE DECOMPACTED PER NYSDEC'S "DEEP-RIPPING AND DECOMPACTION" MANUAL, DATED APRIL 2008. CONTRACTOR SHALL AVOID FREQUENT HEAVY TRAFFIC ON THE LIMITED-USE PERVIOUS GRAVEL.

GENERAL NOTES:

- 1. THE UNDERGROUND STRUCTURES AND UTILITIES SHOWN ON THIS MAP HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORD MAPS, THEY ARE NOT CERTIFIED TO THE ACCURACY OF THEIR LOCATION AND/OR COMPLETENESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND EXTENT OF ALL UNDERGROUND STRUCTURES AND UTILITIES PRIOR TO ANY DIGGING OR CONSTRUCTION ACTIVITIES IN THEIR VICINITY. THE CONTRACTOR SHALL HAVE ALL EXISTING UTILITIES FIELD STAKED BEFORE STARTING WORK BY CALLING 1-800-962-7962.
- 2. THE CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH TITLE 29 OF FEDERAL REGULATIONS, PART 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION (OSHA).
- 3. HIGHWAY DRAINAGE ALONG ALL ROADS AND PRIVATE DRIVES SHALL BE KEPT CLEAN OF MUD, DEBRIS ETC. AT ALL TIMES.
- 4. THE CONTRACTOR SHALL CONSULT THE DESIGN ENGINEER BEFORE DEVIATING FROM THESE PLANS.
- 5. IN ALL TRENCH EXCAVATIONS, CONTRACTOR MUST LAY THE TRENCH SIDE SLOPES BACK TO A SAFE SLOPE, USE A TRENCH SHIELD OR PROVIDE SHEETING AND BRACING.
- 6. IF SUSPICIOUS AND/OR HAZARDOUS MATERIAL IS ENCOUNTERED DURING DEMOLITION/CONSTRUCTION, ALL WORK SHALL STOP AND THE MONTGOMERY COUNTY DEPARTMENT OF HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SHALL BE NOTIFIED IMMEDIATELY. WORK SHALL NOT RESUME UNTIL THE DEVELOPER HAS OUTLINED APPROPRIATE ACTION FOR DEALING WITH THE WASTE MATERIAL AND THE DEVELOPMENT PLANS ARE MODIFIED AS MAY BE
- 7. EXCAVATED WASTE MATERIAL REMOVED FROM THE SITE SHALL BE PLACED AT A LOCATION ACCEPTABLE TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
- 8. AREAS DISTURBED OR DAMAGED AS PART OF THIS PROJECTS CONSTRUCTION THAT ARE OUTSIDE OF THE PRIMARY WORK AREA SHALL BE RESTORED, AT THE CONTRACTORS EXPENSE, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- 9. UNLESS COVERED BY THE CONTRACT SPECIFICATIONS OR AS NOTED ON THE PLANS, ALL WORK SHALL CONFORM TO THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED JANUARY 1, 2020 AND ANY SUBSEQUENT APPENDICES

WASTE/HAZARDOUS MATERIAL PRACTICES:

- 1. WHENEVER POSSIBLE COVERED TRASH CONTAINERS SHOULD BE USED.
- 2. DAILY SITE CLEANUP IS REQUIRED TO REDUCE DEBRIS AND POLLUTANTS IN THE ENVIRONMENT.
- 3. CONTRACTOR SHALL PROVIDE A SAFE STORAGE SPACE FOR ALL PAINTS, STAINS AND SOLVENTS INSIDE A COVERED STORAGE
- 4. ALL FUELS, OILS, AND GREASE MUST BE KEPT IN CONTAINERS AT ALL TIMES.

EROSION & SEDIMENT CONTROL NOTES

- 1. INSTALL EROSION CONTROL MEASURES AS INDICATED ON THE PLAN PRIOR TO THE START OF ANY EXCAVATION WORK. EROSION CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE GUIDELINES FOR URBAN EROSION SEDIMENT CONTROL MANUAL, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, AND THE GOVERNING MUNICIPAL REQUIREMENTS.
- 2. REMOVE AND STOCKPILE TOPSOIL AS DIRECTED BY THE CONSTRUCTION MANAGER REPLACE TOPSOIL TO A MINIMUM 4" DEPTH WITH TOPSOIL OR AMENDED SOIL. ALL DISTURBED AREAS TO BE SEEDED TO PROMOTE VEGETATION AS SOON AS PRACTICABLE.
- 3. IF THE SEASONS PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE "STANDARDS", NETTING OR LIQUID MULCH BINDER.
- 4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS. EROSION CONTROL MEASURES SHALL NOT BE REMOVED BEFORE 80% UNIFORM VEGETATIVE COVER HAS BEEN ACHIEVED.
- 5. ALL EROSION CONTROL MEASURES ARE TO BE REPLACED WHENEVER THEY BECOME CLOGGED OR INOPERABLE AND SHALL BE REPLACED AT A MINIMUM OF EVERY 3 MONTHS.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF TOPSOIL OR AMENDED TO ALL DISTURBED AREAS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES.
- 7. THE CONTRACTOR SHALL DESIGNATE A MEMBER OF HIS/HER FIRM TO BE RESPONSIBLE TO MONITOR EROSION CONTROL, EROSION CONTROL STRUCTURES, TREE PROTECTION AND PRESERVATION THROUGHOUT CONSTRUCTION.
- 8. ALL DISTURBED AREAS SHALL BE FINISH GRADED TO PROMOTE VEGETATION ON ALL EXPOSED AREAS AS SOON AS PRACTICABLE. STABILIZATION PRACTICES (TEMPORARY/PERMANENT SEEDING, MULCHING, GEOTEXTILES, ETC.) MUST BE IMPLEMENTED WITHIN SEVEN (7) DAYS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, AND NOT EXPECTED TO RESUME WITHIN FOURTEEN (14) DAYS.
- 9. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. ALL CONSTRUCTION DEBRIS AND SEDIMENT SPOILS, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.
- 10. DUST SHALL BE CONTROLLED BY WATERING.
- 11. ADJOINING PROPERTY SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS ON THE PROPOSED SITE.
- 12. SLOPE TRACKING SHALL BE IMPLEMENTED ON ALL SLOPE 1 ON 3 OR GREATER AT THE END OF EACH WORK DAY AND PRIOR TO FINAL SLOPE GRADING AND STABILIZATION.

STORM WATER POLLUTION PREVENTION PLAN NOTES:

- THE CONTRACTOR SHALL PROVIDE A QUALIFIED INSPECTOR TO INSPECT THE PROJECT AT THE END OF EACH WORK WEEK AND PROVIDE A REPORT AT LEAST ONCE PER WEEK.
- 2. EROSION CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE GUIDELINES FOR URBAN EROSION SEDIMENT CONTROL MANUAL, MONTGOMERY COUNTY HEALTH DEPARTMENT, AND THE TOWN OF MOHAWK REQUIREMENTS.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE BEST MANAGEMENT PRACTICES (BMP'S) UNTIL GROUND COVER IS ESTABLISHED.
- 4. REMOVE AND STOCKPILE TOPSOIL AS DIRECTED BY THE CONSTRUCTION MANAGER. REPLACE TOPSOIL TO A MINIMUM 4" DEPTH. ALL DISTURBED AREAS TO BE HYDROSEEDED AS DIRECTED BY THE CONSTRUCTION MANAGER TO PROMOTE VEGETATION AS SOON AS PRACTICABLE.
- 5. IF THE SEASONS PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE "STANDARDS", NETTING OR LIQUID MULCH BINDER.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS. EROSION CONTROL MEASURES SHALL NOT BE REMOVED BEFORE 80% UNIFORM VEGETATION HAS BEEN ACHIEVED.
- 7. ALL EROSION CONTROL MEASURES ARE TO BE REPLACED WHENEVER THEY BECOME CLOGGED OR INOPERABLE AND SHALL BE REPLACED WHEN THEY HAVE REACHED THE DESIGN LIFE INDICATED IN THE NYS GUIDELINES FOR URBAN EROSION SEDIMENT CONTROL DESIGN MANUAL OR EVERY THREE MONTHS.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF TOPSOIL TO ALL DISTURBED AREAS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES.
- 9. THE CONTRACTOR SHALL DESIGNATE A MEMBER OF HIS/HER FIRM TO BE RESPONSIBLE TO MONITOR EROSION CONTROL AND EROSION CONTROL STRUCTURES THROUGHOUT CONSTRUCTION.
- 10. ALL DISTURBED AREAS SHALL BE FINISH GRADED TO PROMOTE VEGETATION ON ALL EXPOSED AREAS AS SOON AS PRACTICABLE. STABILIZATION PRACTICES (TEMPORARY/PERMANENT SEEDING, MULCHING, GEOTEXTILES, ETC.) MUST BE IMPLEMENTED WITHIN SEVEN (7) DAYS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, AND NOT EXPECTED TO RESUME WITHIN FOURTEEN (14) DAYS.
- 11. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. ALL CONSTRUCTION DEBRIS AND SEDIMENT SPOILS, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.
- 12. DUST SHALL BE CONTROLLED BY WATERING.
- 13. ADJOINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS ON THE PROPOSED SITE
- 14. EROSION CONTROL MEASURES SHOULD BE RELOCATED INWARD AS PERIMETER SLOPE CONSTRUCTION PROGRESSES AND RECONSTRUCTED TO THE NYS STANDARDS & SPECIFICATION AT THE END OF EACH DAY.
- 15. PERIMETER AREAS SHALL BE TEMPORARILY STABILIZED WITH SEED AND MULCH PROGRESSIVELY AT MINIMUM AT THE END OF EACH WEEK WITH 100% PERENNIAL RYEGRASS MIX AT A RATE OF 2-4 LBS PER 1000 SF AND MULCH 90-100 LBS PER 1000 SF OF WEED FREE STRAW.
- 16. SLOPE TRACKING SHALL BE IMPLEMENTED ON ALL SLOPE 1 ON 3 OR GREATER AT THE END OF EACH WORK DAY AND PRIOR TO FINAL SLOPE GRADING AND STABILIZATION.

SITE STABILIZATION:

- 1. WHEN FINAL GRADE IS ACHIEVED DURING NON-GERMINATING MONTHS, THE AREA SHOULD BE MULCHED UNTIL THE BEGINNING OF THE NEXT PLANTING SEASON.
- 2. MULCHES SHOULD BE APPLIED AT THE RATES SHOWN IN THE MULCH APPLICATION RATES TABLE. VERY LITTLE BARE GROUND SHOULD BE VISIBLE THROUGH THE MULCH.
- 3. STRAW AND HAY MULCH SHOULD BE ANCHORED OR TACKIFIED IMMEDIATELY AFTER APPLICATION TO PREVENT BEING WINDBLOWN. A TRACTOR-DRAWN IMPLEMENTS MAY BE USED TO "CRIMP" THE STRAW OR HAY INTO THE SOIL ABOUT 3 INCHES. THIS METHOD SHOULD BE LIMITED TO SLOPES NO STEEPER THAN 3H:1V. THE MACHINERY SHOULD BE OPERATED ALONG THE CONTOUR. NOTE: CRIMPING OF HAY OR STRAW BY RUNNING OVER IT WITH TRACKED MACHINERY IS NOT RECOMMENDED.
- 4. BEFORE SEEDING IS APPLIED THE CONTRACTOR SHALL SPREAD SOIL TO PREVENT PONDING AND CONFIRM THAT SOIL WILL SUSTAIN THE SEED GERMINATION AND ESTABLISHMENT OF VEGETATION.
- 5. GRADED AREAS SHOULD BE SCARIFIED OR OTHERWISE LOOSENED TO A DEPTH OF 3 TO 5 INCHES TO PERMIT BONDING OF THE TOPSOIL TO THE SURFACE AREAS AND TO PROVIDE A ROUGHENED SURFACE TO PREVENT TOPSOIL FROM SLIDING DOWN SLOPE. COMPACTED SOILS SHOULD BE SCARIFIED TO A DEPTH OF 6 TO 12 INCHES, ALONG CONTOUR WHEREVER POSSIBLE, PRIOR TO SEEDING.
- 6. TOPSOIL OR AMENDED SOIL SHOULD BE UNIFORMLY DISTRIBUTED ACROSS THE DISTURBED AREA TO A MINIMUM DEPTH OF 6 INCHES. SPREADING SHOULD BE DONE IN SUCH A MANNER THAT SODDING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL PREPARATION OR TILLAGE. IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOIL PLACEMENT SHOULD BE CORRECTED IN ORDER TO PREVENT FORMATION OF DEPRESSIONS.
- 7. TOPSOIL SHOULD NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.
- 8. WHEN USED AS A MULCH REPLACEMENT, THE APPLICATION RATE (THICKNESS) OF THE COMPOST SHOULD BE ½" TO ¾". COMPOST SHOULD BE PLACED EVENLY AND SHOULD PROVIDE 100% SOIL COVERAGE. NO SOIL SHOULD BE VISIBLE.
- 9. POLYMERIC AND GUM TACKIFIERS MIXED AND APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS MAY BE USED TO TACK MULCH. AVOID APPLICATION DURING RAIN AND ON WINDY DAYS. A 24-HOUR CURING PERIOD AND A SOIL TEMPERATURE HIGHER THAN 45° F ARE TYPICALLY REQUIRED. APPLICATION SHOULD GENERALLY BE HEAVIEST AT EDGES OF SEEDED AREAS AND AT CRESTS OF RIDGES AND BANKS TO PREVENT LOSS BY WIND. THE REMAINDER OF THE AREA SHOULD HAVE BINDER APPLIED UNIFORMLY. BINDERS MAY BE APPLIED AFTER MULCH IS SPREAD OR SPRAYED INTO THE MULCH AS IT IS BEING BLOWN ONTO THE SOIL. APPLYING STRAW AND BINDER TOGETHER IS GENERALLY MORE EFFECTIVE.
- 10. SYNTHETIC BINDERS, OR CHEMICAL BINDERS, MAY BE USED AS RECOMMENDED BY THE MANUFACTURER TO ANCHOR MULCH PROVIDED SUFFICIENT DOCUMENTATION IS PROVIDED TO SHOW THEY ARE NON-TOXIC TO NATIVE PLANT AND ANIMAL SPECIES.
- 11. MULCH ON SLOPES OF 8% OR STEEPER SHOULD BE HELD IN PLACE WITH NETTING. LIGHTWEIGHT PLASTIC, FIBER, OR PAPER NETS MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- 12. SHREDDED PAPER HYDROMULCH SHOULD NOT BE USED ON SLOPES STEEPER THAN 5%. WOOD FIBER HYDROMULCH MAY BE APPLIED ON STEEPER SLOPES PROVIDED A TACKIFIER IS USED. THE APPLICATION RATE FOR ANY HYDROMULCH SHOULD BE 2,000 LB/ACRE AT A MINIMUM.
- 13. LIME, FERTILIZER, SEED, AND MULCH DISTURBED AREAS PER THE EROSION AND SEDIMENT CONTROL PLANS. IN AREAS OF STEEP SLOPES OR OBVIOUS AREAS WHERE POTENTIAL EROSION MAY OCCUR, AN EROSION CONTROL MAT OR FLEXIBLE GROWTH MEDIUM (FGM) SHALL BE USED. FGM SHALL BE APPLIED PER MANUFACTURER SPECIFICATIONS.
- 14. ONCE A SECTION OF THE ALIGNMENT HAS BEEN STABILIZED, NO CONSTRUCTION TRAFFIC SHALL OCCUR TO REMOVE ANY BMPS UNTIL THE SECTION HAS ACHIEVED 80% PERENNIAL VEGETATIVE COVER. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM 80% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NONVEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING OR OTHER MOVEMENTS.



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YELLOW 12 LLC

MOHAWK SOLAR PROJECT

246 VAN ANTWERP ROAD JOHNSTOWN, NY 12095

Date Revised Description

NOT FOR
CONSTRUCTION
0 % SUBMISSION

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Project Manager

ECR

Designer

WD

ECR

ECR

Reviewer

ECR

Date Issued

Project Number

14859.01

Sheet Name

GENERAL NOTES

Drawing Number

C001

5/24/2021 3:01





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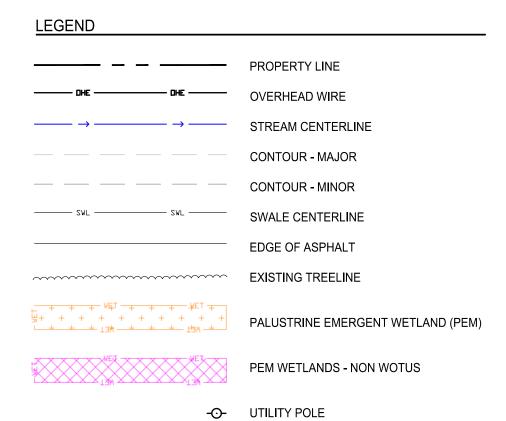
AREA PARCEL PLAN

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3 of 11





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Project Manager Discipline Lead

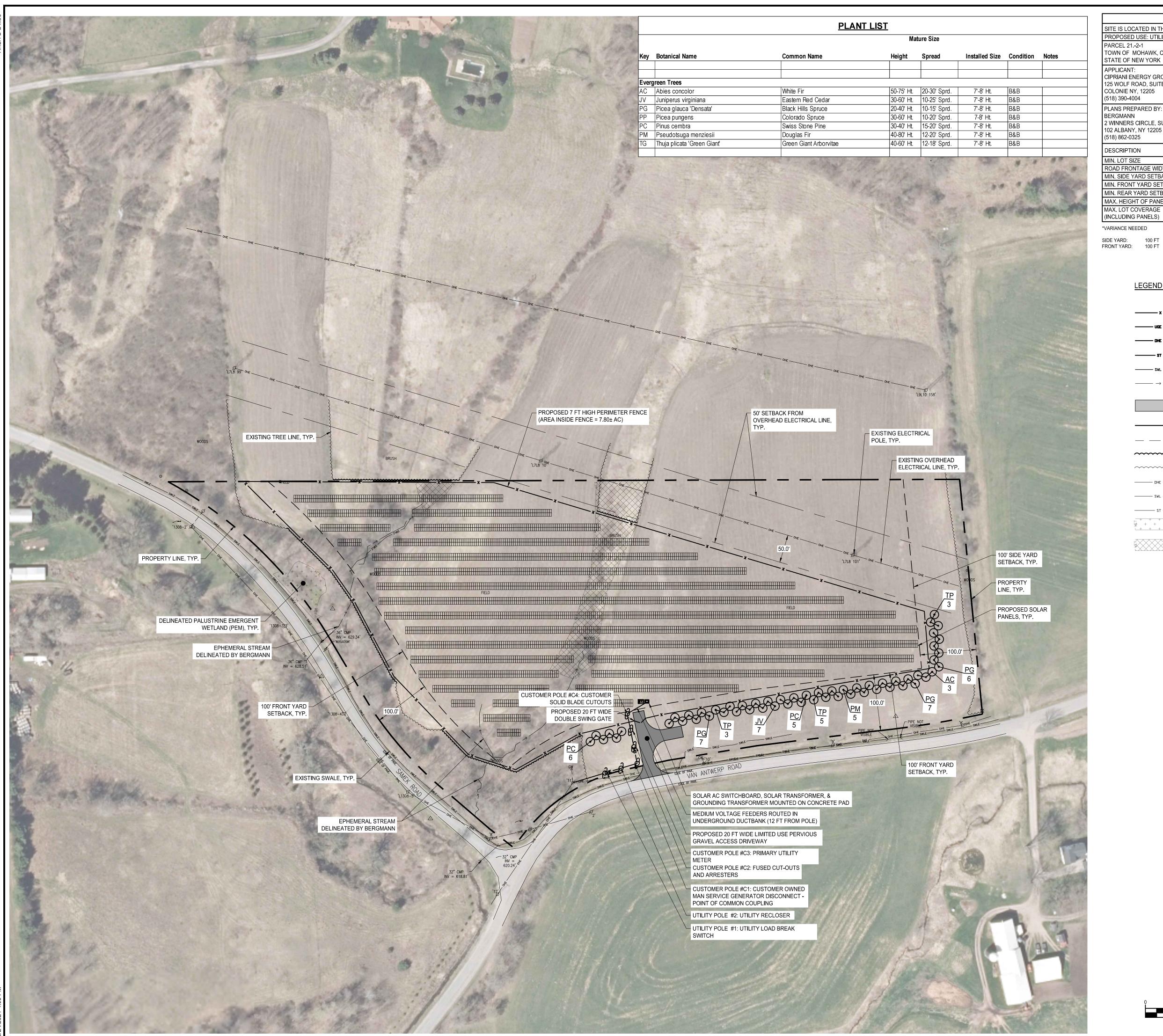
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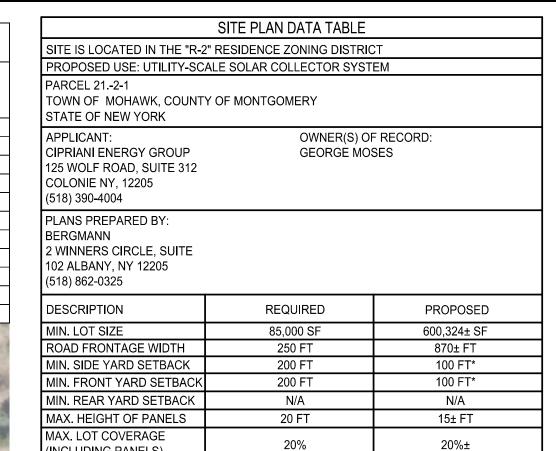
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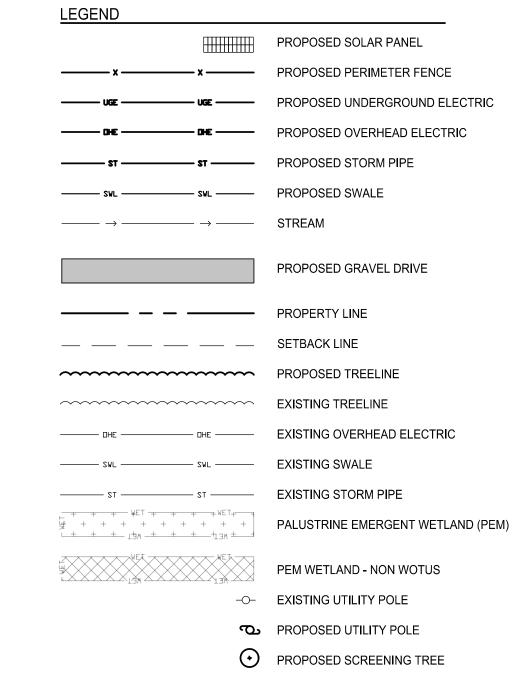
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FRONT YARD: 100 FT





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Project Manager Discipline Lead Reviewer Date Issued Project Number 05/03/2021

Sheet Name

OVERALL SITE PLAN

	PLANT LIST						
Mature Size							
Key	Botanical Name	Common Name	Height	Spread	Installed Size	Condition	Notes
Ever	green Trees	I					
AC	Abies concolor	White Fir	50-75' Ht.	20-30' Sprd.	7'-8' Ht.	B&B	
JV	Juniperus virginiana	Eastern Red Cedar	30-60' Ht.	10-25' Sprd.	7'-8' Ht.	B&B	
PG	Picea glauca 'Densata'	Black Hills Spruce	20-40' Ht.	10-15' Sprd.	7'-8' Ht.	B&B	
PP	Picea pungens	Colorado Spruce	30-60' Ht.	10-20' Sprd.	7-8' Ht.	B&B	
PC	Pinus cembra	Swiss Stone Pine	30-40' Ht.	15-20' Sprd.	7'-8' Ht.	B&B	
	Pseudotsuga menziesii	Douglas Fir	40-80' Ht.	12-20' Sprd.	7'-8' Ht.	B&B	
PΜ	F Se uu Ulsuya Hieriziesii	Douglas i ii	110 00 116	1.2 20 Opia.	7 0 110	1000	1

	OTTE TENTO DICTION TO THE					
SITE IS LOCATED IN THE "R-2" RESIDENCE ZONING DISTRICT						
PROPOSED USE: UTILITY-SC	ALE SOLAR COLLECTOR SYST	EM				
PARCEL 212-1 TOWN OF MOHAWK, COUNTY OF MONTGOMERY STATE OF NEW YORK						
APPLICANT: OWNER(S) OF RECORD: CIPRIANI ENERGY GROUP GEORGE MOSES 125 WOLF ROAD, SUITE 312 COLONIE NY, 12205 (518) 390-4004						
PLANS PREPARED BY: BERGMANN 2 WINNERS CIRCLE, SUITE 102 ALBANY, NY 12205 (518) 862-0325						
DESCRIPTION	REQUIRED	PROPOSED				
MIN. LOT SIZE	85,000 SF	600,324± SF				
ROAD FRONTAGE WIDTH	250 FT	870± FT				
MIN. SIDE YARD SETBACK	200 FT	100 FT*				
MIN. FRONT YARD SETBACK	200 FT	100 FT*				
MIN. REAR YARD SETBACK	N/A	N/A				
MAX. HEIGHT OF PANELS	20 FT	15± FT				
MAX. LOT COVERAGE (INCLUDING PANELS)	20%	20%±				

SITE PLAN DATA TABLE

SIDE YARD: 100 FT FRONT YARD: 100 FT

LEGEND	
	PROPOSED SOLAR PANEL
xxx	PROPOSED PERIMETER FENCE
UGE	PROPOSED UNDERGROUND ELECTRIC
DE DE	PROPOSED OVERHEAD ELECTRIC
TZ TZ	- PROPOSED STORM PIPE
SVL SVL	- PROPOSED SWALE
$\longrightarrow \longrightarrow \longrightarrow$	- STREAM
	PROPOSED GRAVEL DRIVE
	PROPERTY LINE
	SETBACK LINE
······	PROPOSED TREELINE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	EXISTING TREELINE
——————————————————————————————————————	- EXISTING OVERHEAD ELECTRIC
	- EXISTING SWALE
T2 T2	- EXISTING STORM PIPE
+ + + + + + + + + + + + + + + + + + +	PALUSTRINE EMERGENT WETLAND (PEM)
WET MET	PEM WETLAND - NON WOTUS
-0	- EXISTING UTILITY POLE
σ	PROPOSED UTILITY POLE
•	PROPOSED SCREENING TREE



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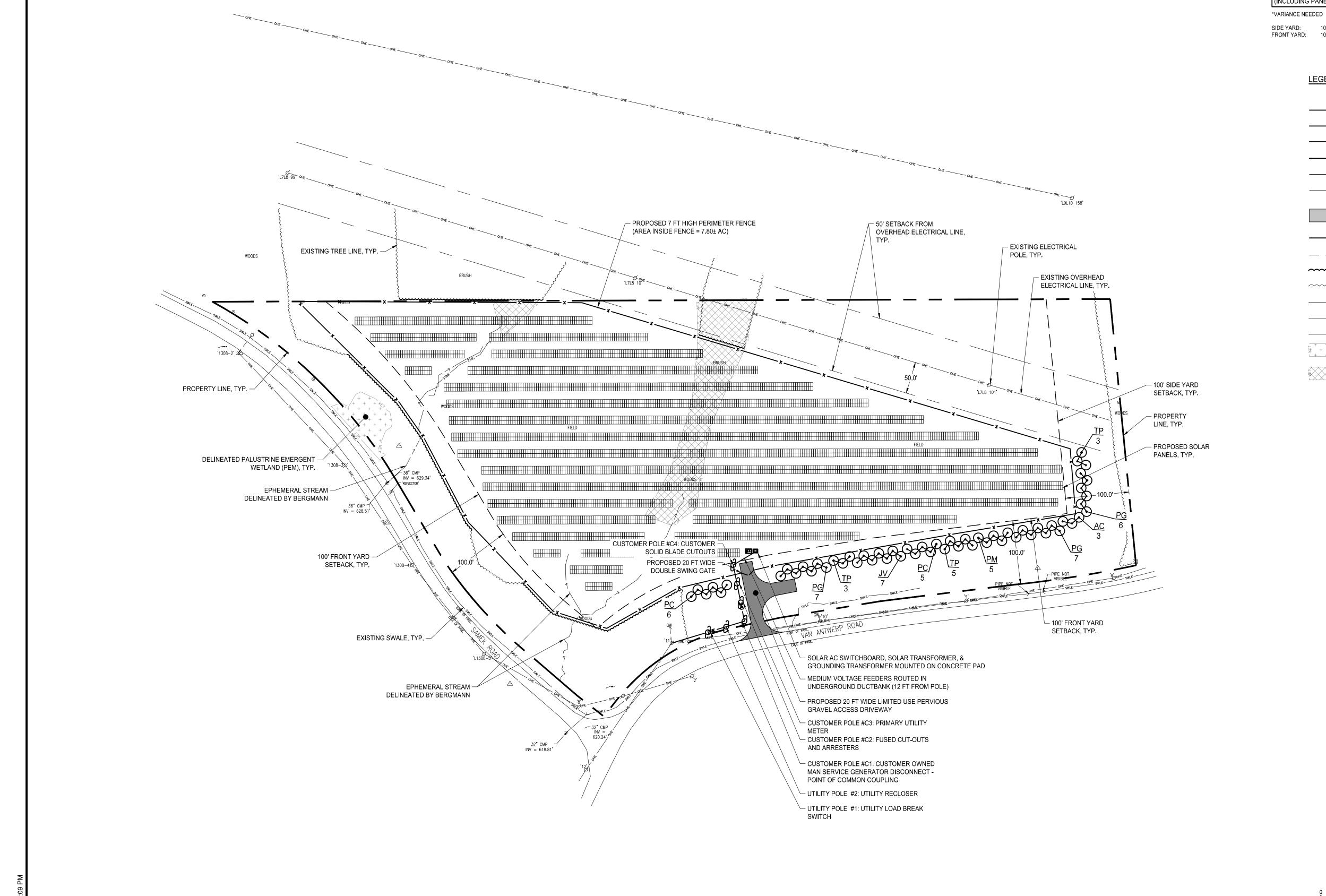
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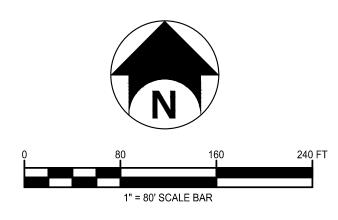
Project Manager	Discipline Lead
ECR	ECR
Designer	Reviewer
WD	ECR
Date Issued	Project Number
05/24/2021	014859.01

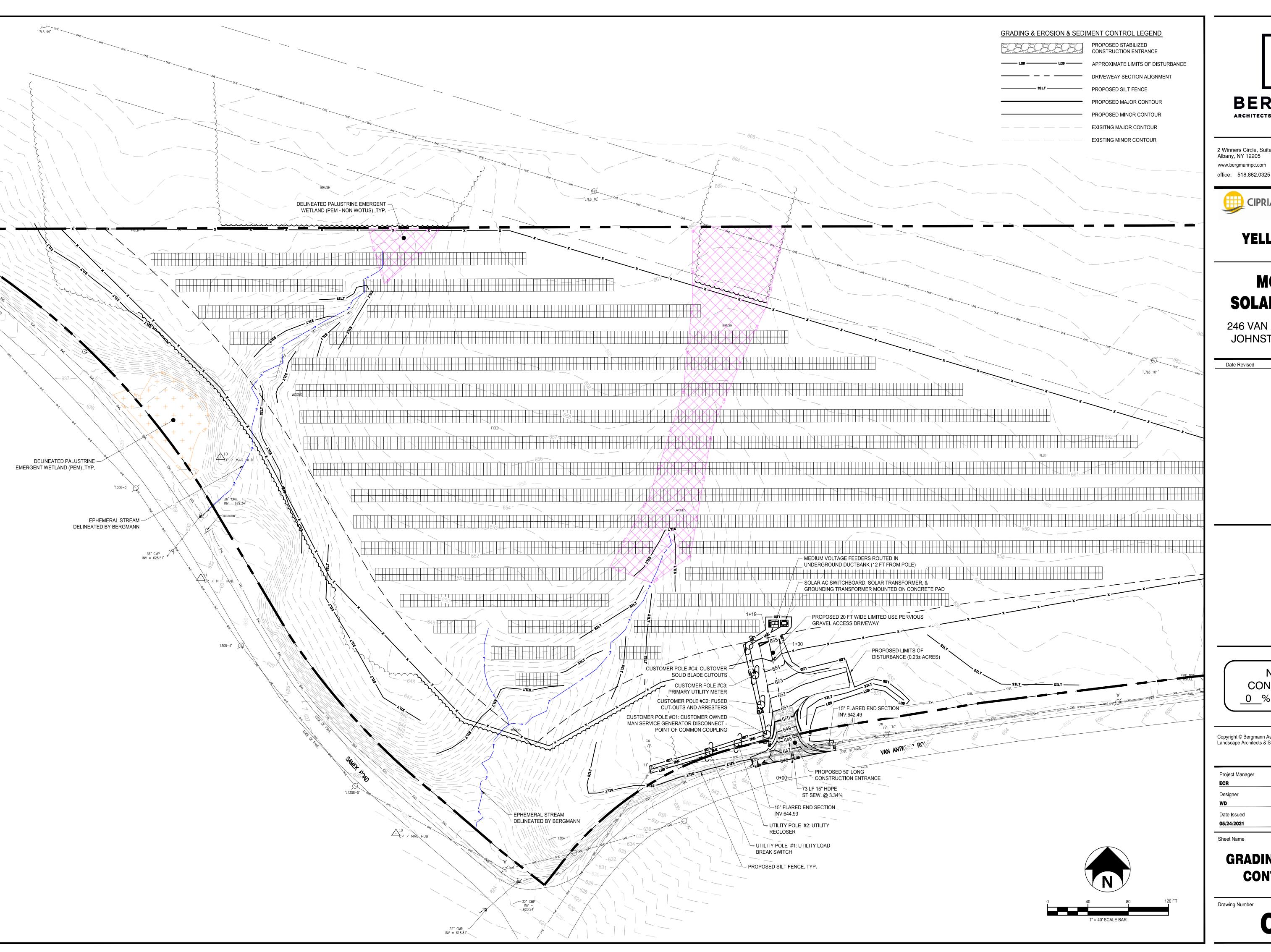
Sheet Name

SITE PLAN

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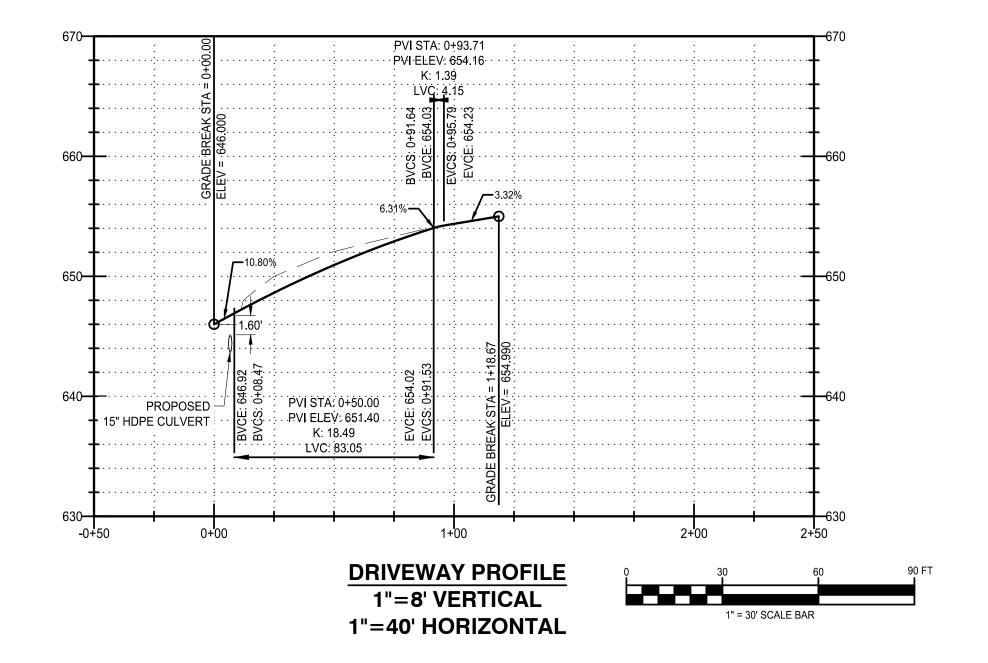
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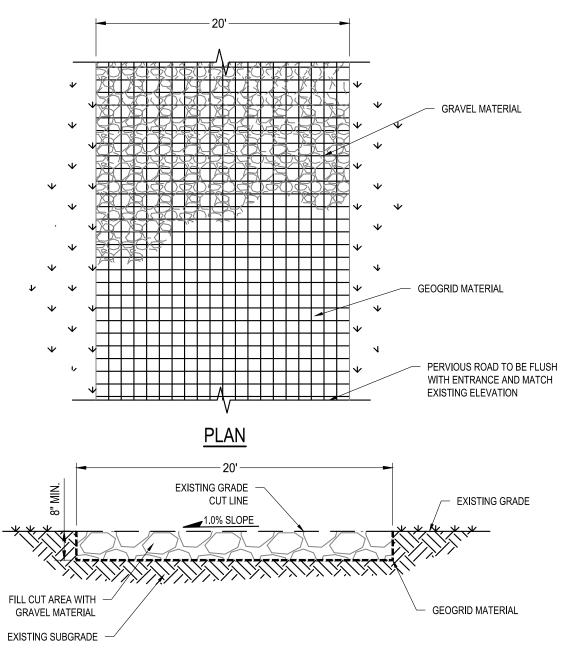
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Project Manager Discipline Lead Project Number

**GRADING & EROSION CONTROL PLAN** 





LIMITED USE PERVIOUS ACCESS ROAD - 0% TO 10% SLOPES

GEOGRID MATERIAL NOTES:

 THE GEOGRID, OR COMPARABLE PRODUCT, IS INTENDED FOR USE IN ALL CONDITIONS, IN ORDER TO ASSIST IN MATERIAL SEPARATION FROM NATIVE SOILS AND PRESERVE ACCESS LOADS.

2. GRAVEL FILL MATERIAL SHALL CONSIST OF 1-4" CLEAN, DURABLE, SHARP ANGLED CRUSHED STONE OF UNIFORM QUALITY, MEETING THE SPECIFICATION OF NYSDOT 703-02, SIZE DESIGNATION 3-5 OF TABLE 703-4. STONE MAY BE PLACED IN FRONT OF AND SPREAD WITH A TRACKED VEHICLE. GRAVEL SHALL

NOT BE COMPACTED.

3. GEOGRID SHALL BE MIRAFI BXG110 OR APPROVED EQUAL. GEOGRID SHALL BE DESIGNED BASED ON EXISTING SOIL CONDITIONS AND PROPOSED HAUL ROAD SLOPES.

4. IF MORE THAN ONE ROLL WIDTH IS REQUIRED, ROLLS SHOULD OVERLAP A

MINIMUM OF SIX INCHES.
5. REFER TO MANUFACTURER'S SPECIFICATION FOR PROPER TYING AND

CONNECTIONS.

6. LIMITED USE PERVIOUS ACCESS ROAD SHALL BE DRESSED AS REQUIRED WITH ONLY 1-4" CRUSHED STONE MEETING NYSDOT 703-02 SPECIFICATIONS.

BASIS OF DESIGN: TENCATE MIRAFI BXG110 GEOGRIDS; 365 SOUTH HOLLAND DRIVE, PENDERGRASS, GA; 800-685-9990 OR 706-693-2226; WWW.MIRAFI.COM

WOVEN GEOTEXTILE MATERIAL NOTES:

SPECIFIED GEOTEXTILE WILL ONLY BE UTILIZED IN PLACID SOILS. PLACID SOILS CONSIST OF POORLY DRAINED SOILS COMPOSED OF FINELY TEXTURED PARTICLES AND ARE PRONE TO RUTTING. PLACID SOILS ARE TYPICALLY PRESENT IN LOW-LYING AREAS WITH HYDROLOGIC SOILS GROUP (HSG) OF C OR D OR AS SPECIFIED FROM AN ENVIRONMENTAL SCIENTIST, SOIL SCIENTIST

OR GEOTECHNICAL DATA.

2. THE CONCERN OF POTENTIAL REDUCTION OF NATIVE INFILTRATION RATES DIE TO THE GEOTEXTILE MATERIAL WOULD NOT BE A SIGNIFICANT CONCERN IN POORLY DRAINED SOILS WHERE SEGREGATION OF PERVIOUS STONE AND NATIVE MATERIALS IS CRUCIAL FOR LONG TERM OPERATION AND MAINTENANCE.

BASIS OF DESIGN: TENCATE MIRAFI RSI-SERIES WOVEN GEOSYNTHETICS; 365 SOUTH HOLLAND DRIVE, PENDERGRASS, GA; 800-685-9990 OR 706-693-2226; WWW.MIRAFI.COM

#### GENERAL NOTES:

- USE OF THIS DETAIL/CRITERION IS LIMITED TO ACCESS ROADS USED ON AN OCCASIONAL BASIS ONLY (I.E. PROVIDE ACCESS FOR MOWING, EQUIPMENT REPAIR OR MAINTENANCE)
- LIMITED USE PERVIOUS ACCESS ROAD IS LIMITED TO LOW IMPACT IRREGULAR MAINTENANCE ACCESS ASSOCIATED WITH RENEWABLE ENERGY PROJECTS IN NEW YORK STATE.
   REMOVE STUMPS. ROCKS AND DEBRIS AS NECESSARY, FILL VOIDS TO MATCH EXISTING NATIVE SOILS AND COMPACTION LEVEL.
   REMOVED TOPSOIL MAY BE SPREAD IN ADJACENT AREAS AS DIRECTED BY THE PROJECT
- ENGINEER, COMPACT TO THE DEGREE OF THE NATIVE IN SITU SOIL. DO NOT PLACE IN AN AREA THAT IMPEDES STORM WATER DRAINAGE.5. GRADE ROADWAY, WHERE NECESSARY, TO NATIVE SOILS AND DESIRED ELEVATION. MINOR
- GRADING FOR CROSS SLOPE CUT AND FILL MAY BE REQUIRED.

  6. REMOVE REFUSE SOILS AS DIRECTED BY THE PROJECT ENGINEER. DO NOT PLACE IN AN AREA THAT IMPEDES STORM WATER DRAINAGE.
- ROADWAY WIDTH TO BE DETERMINED BY CLIENT.
   THE LIMITED USE PERVIOUS ACCESS ROAD CROSS SLOPE SHALL BE 1.5% IN MOST CASES AND SHOULD NOT EXCEED 6%. THE LONGITUDINAL SLOPE OF THE ACCESS DRIVE SHOULD NOT
- EXCEED 15%.

  9. LIMITED USE PERVIOUS ACCESS ROAD IS NOT INTENDED TO BE UTILIZED FOR CONSTRUCTION WHICH MAY SUBJECT THE ACCESS TO SEDIMENT TRACKING. THIS SPECIFICATION IS TO BE DEVELOPED FOR POST-CONSTRUCTION USE. SOIL RESTORATION PRACTICES MAY BE
- APPLICABLE TO RESTORE CONSTRUCTION RELATED COMPACTION TO PRE-EXISTING CONDITIONS AND SHOULD BE VERIFIED BY SOIL PENETROMETER READINGS. THE PENETROMETER READINGS SHALL BE COMPARED TO THE RESPECTIVE RECORDED READINGS TAKEN PRIOR TO CONSTRUCTION, EVERY 100 LINEAR FEET ALONG THE PROPOSED ROADWAY.

  10. TO ENSURE THAT SOIL IS NOT TRACKED ONTO THE LIMITED USE PERVIOUS ACCESS ROAD, IT
- 10. TO ENSURE THAT SOIL IS NOT TRACKED ONTO THE LIMITED USE PERVIOUS ACCESS ROAD, IT SHALL NOT BE USED BY CONSTRUCTION VEHICLES TRANSPORTING SOIL, FILL MATERIAL, ETC. IF THE LIMITED USE PERVIOUS ACCESS IS COMPLETED DURING THE INITIAL PHASES OF CONSTRUCTION AND UTILIZED TO REMOVE SEDIMENT FROM CONSTRUCTION VEHICLES AND EQUIPMENT PRIOR TO ENTERING THE LIMITED USE PERVIOUS ACCESS ROAD FROM ANY LOCATION ON, OR OFF SITE. MAINTENANCE OF THE PERVIOUS ACCESS ROAD WILL BE REQUIRED IF SEDIMENT IS OBSERVED WITHIN THE CLEAN STONE.
- 11. THE LIMITED USE PERVIOUS ACCESS ROAD SHALL NOT BE CONSTRUCTED OR USED UNTIL ALL AREAS SUBJECT TO RUNOFF ONTO THE PERVIOUS ACCESS HAVE ACHIEVED FINAL STABILIZATION.
- 12. PROJECTS SHOULD AVOID INSTALLATION OF THE LIMITED USE PERVIOUS ACCESS ROAD IN POORLY DRAINED ARES, HOWEVER IF NO ALTERNATIVE LOCATION IS AVAILABLE, THE PROJECT SHALL UTILIZE WOVEN GEOTEXTILE MATERIAL AS DETAILED IN FOLLOWING NOTES.
- 13. THE DRAINAGE DITCH IS OFFERED IN THE DETAIL FOR CIRCUMSTANCES WHEN CONCENTRATED FLOW COULD NOT BE AVOIDED. THE INTENTION OF THE DESIGN IS TO MINIMIZE ALTERATIONS TO HYDROLOGY, HOWEVER WHEN DEALING WITH 5%-15% GRADES NOT PARALLEL TO THE CONTOUR, A ROADSIDE DITCH MAY BE REQUIRED. THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROLS FOR GRASSED WATERWAYS AND VEGETATED WATERWAYS ARE APPLICABLE FOR SIZING AND STABILIZATION. DIMENSIONS FOR THE GRASSED WATERWAY SPECIFICATION WOULD BE DESIGNED FOR PROJECT SPECIFIC HYDROLOGIC RUNOFF CALCULATIONS, AND A SEPARATE DETAIL FOR THE SPECIFIC GRASSED WATERWAY WOULD BE INCLUDED IN THIS PRACTICE. RUNOFF DISCHARGE WILL BE SUBJECT TO THE OUTLET REQUIREMENTS OF THE REFERENCED STANDARD. INCREASED POST-DEVELOPMENT RUNOFF FROM THE ASSOCIATED ROADSIDE DITCH MAY REQUIRE ADDITIONAL PRACTICES TO ATTENUATE RUNOFF TO PRE-DEVELOPMENT CONDITIONS.
- ADDITIONAL PRACTICES TO ATTENUATE RUNOFF TO PRE-DEVELOPMENT CONDITIONS.

  14. IF A ROADSIDE DITCH IS NOT UTILIZED TO CAPTURE RUNOFF FROM THE ACCESS ROAD, THE PERVIOUS ACCESS ROAD WILL HAVE A WELL-ESTABLISHED PERENNIAL VEGETATIVE COVER, WHICH SHALL CONSIST OF UNIFORM VEGETATION (I.E. BUFFER), 20 FEET WIDE AND PARALLEL TO THE DOWN GRADIENT SIDE OF THE ACCESS ROAD. POST-CONSTRICTION OPERATION AND MAINTENANCE PRACTICES WILL MAINTAIN THIS VEGETATIVE COVER TO ENSURE FINAL STABILIZATION FOR THE LIFE OF THE ACCESS ROAD.
- 15. THE DESIGN PROFESSIONAL MUST ACCOUNT FOR THE LIMITED USED PERVIOUS ACCESS ROAD IN THEIR SITE ASSESSMENT / HYDROLOGY ANALYSIS. IF THE HYDROLOGY ANALYSIS SHOWS THAT THE HYDROLOGY HAS BEEN ALTERED FROM PRE- TO POST-DEVELOPMENT CONDITIONS (SEE APPENDIX A OF GP-0-20-001 FOR THE DEFINITION OF "ALTER THE HYDROLOGY..."), THE DESIGN MUST INCLUDE THE NECESSARY DETENTION/RETENTION PRACTICES TO ATTENUATE THE RATES (10 AND 100 YEAR EVENTS) TO PRE-DEVELOPMENT CONDITIONS.



2 Winners Circle, Suite 102 Albany, NY 12205 www.bergmannpc.com office: 518.862.0325



**YELLOW 12 LLC** 

## MOHAWK SOLAR PROJECT

246 VAN ANTWERP ROAD JOHNSTOWN, NY 12095

Date Revised Description

NOT FOR
CONSTRUCTION
0 % SUBMISSION

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Project Manager

ECR

ECR

Designer

WD

ECR

ECR

Reviewer

ECR

Date Issued

Project Number

14859.01

Sheet Name

### **GRADING PLAN DETAILS**

Drawing Number

**C007** 

Q of 4

* MOUNTABLE BERM USED TO PROVIDE PROPER COVER FOR PIPE

#### NOTES:

- 1. REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.
- 2. RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING ROCK CONSTRUCTION ENTRANCE.
- 3. MOUNTABLE BERM SHALL BE INSTALLED WHEREVER OPTIONAL CULVERT PIPE IS USED AND PROPER PIPE COVER AS SPECIFIED BY MANUFACTURER IS NOT OTHERWISE PROVIDED. PIPE SHALL BE SIZED APPROPRIATELY FOR SIZE OF DITCH BEING CROSSED.
- 4. MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY. IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY, EXTEND LENGTH OF ROCK CONSTRUCTION ENTRANCE BY 50 FOOT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK. WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.

#### STABILIZED CONSTRUCTION ENTRANCE

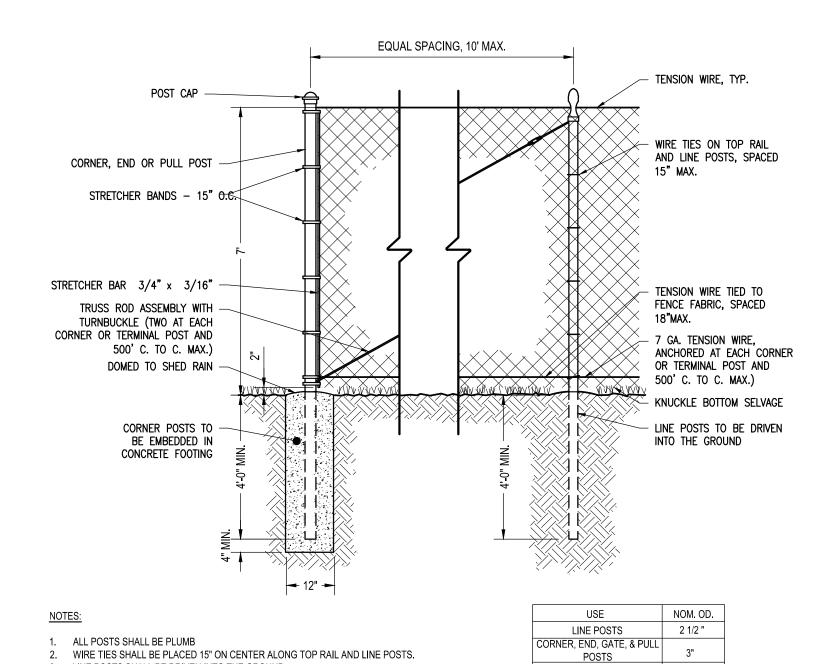
PIPE/CULVERT TYPICAL FLARED END SECTION MEDIUM STONE FILLING RIP/RAP NYSDOT ITEM 620.04 (or as specified in chart) PLAN do = Pipe Dia. see plans La = Apron Length - TYPICAL FLARED W = Apron Width (centered on pipe) END SECTION d = Apron DepthPIPE/CULVERT/ ∕_Mirafi 500x Filter Fabric SECTION A-A RIP RAP SIZING CHART PIPE DIA. W1-MINIMUM W2-MINIMUM La-MINIMUM

NOTES:

1. d = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NO LESS THAN 6".

2. NSTALL FILTER MIRAFI 500X OR APPROVED EQUAL FILTER FABRIC BETWEEN RIP—RAP AND SUBBGRADE

OUTLET PROTECTION RIP-RAP APRON



CHAIN-LINK FENCE DETAIL

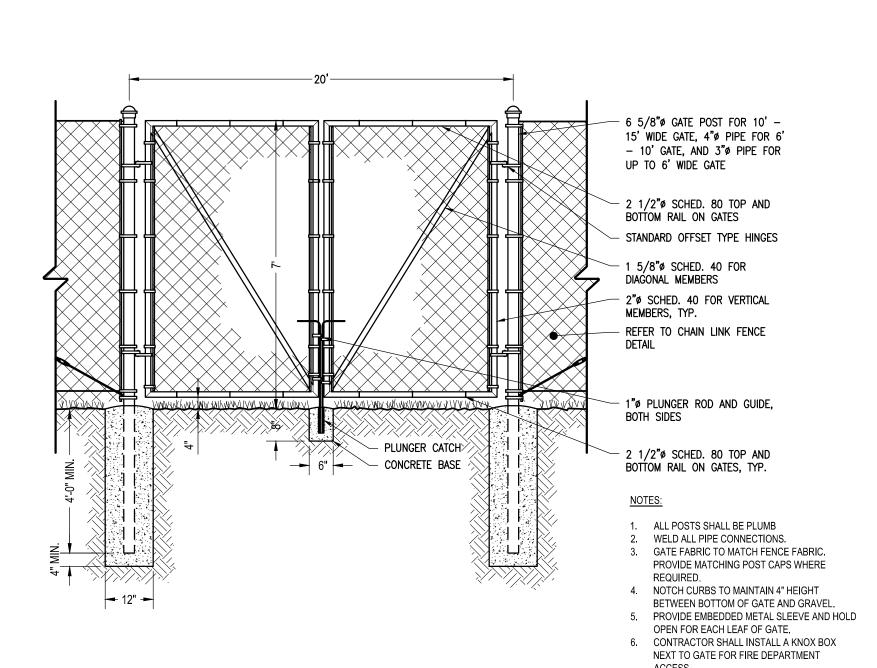
1 5/8 "

RAILS

GATE FRAMES

LINE POSTS SHALL BE DRIVEN INTO THE GROUND.

4. CORNER POSTS SHALL BE EMBEDDED IN 12" DIAMETER CONCRETE FOOTING.



CHAIN-LINK FENCE GATE DETAIL N.T.S.



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Project Manager

ECR

Designer

WD

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14859.01

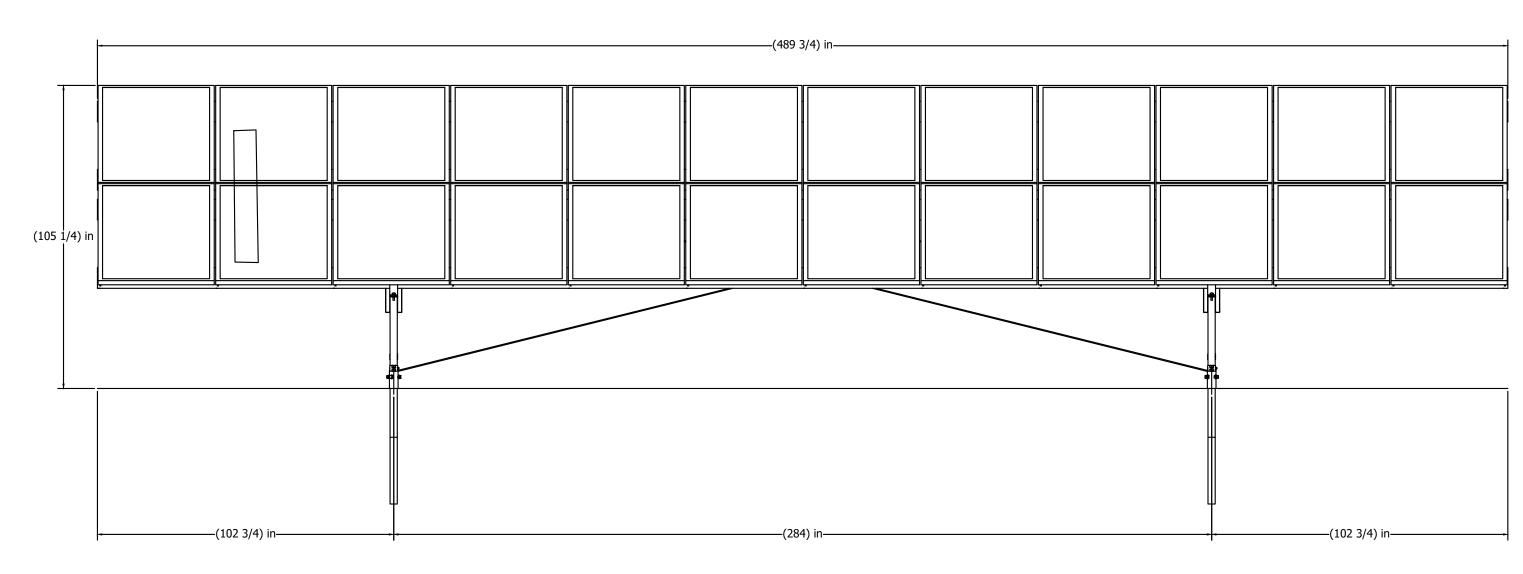
Sheet Name

**DETAILS I** 

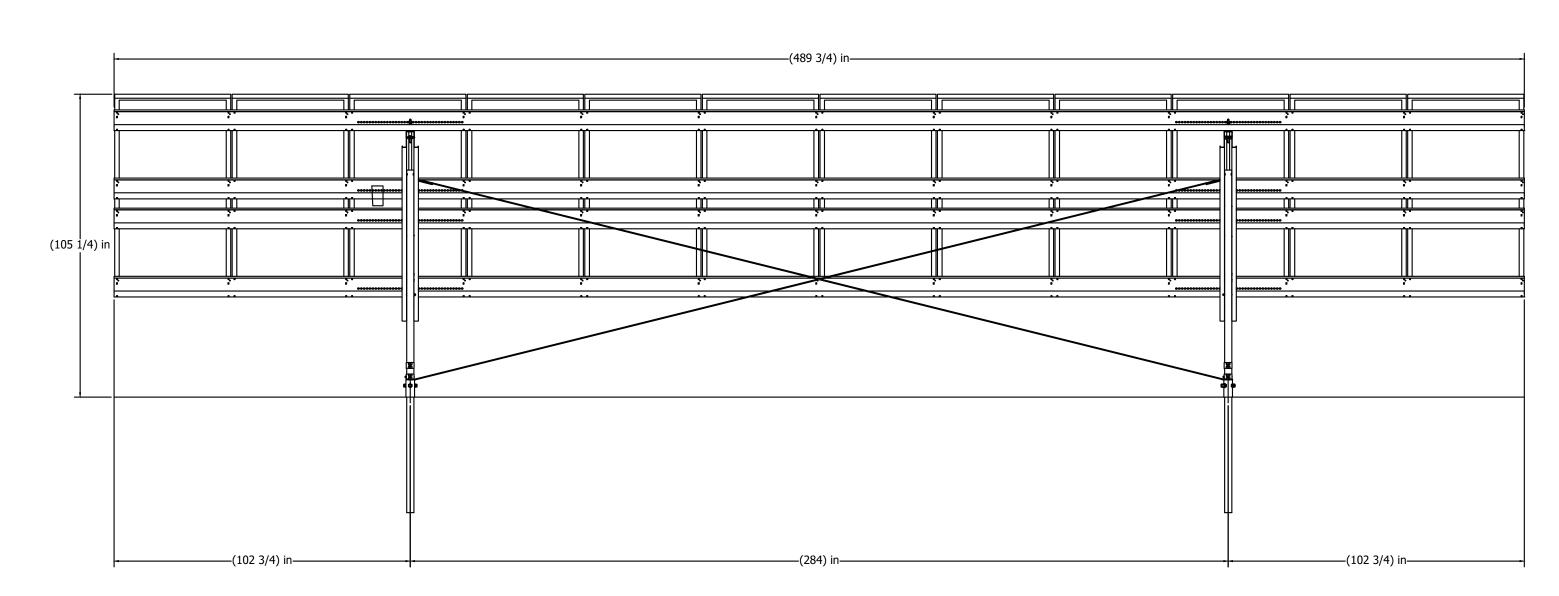
Drawing Number

C008

**Q** of **44** 



FRONT ELEVATION VIEW



**REAR ELEVATION VIEW** 

NOTES:

1. TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS.

2. FINAL DESIGN AND ENGINEERING PLANS TO BE PROVIDED BY THE RACKING MANUFACTURER.

SOLAR ARRAY DETAIL

(105 1/4) in

SIDE ELEVATION VIEW



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Project Manager Discipline Lead Date Issued Project Number

Sheet Name

**DETAILS II** 

Drawing Number

UPLAND SEED MIX					
LOW-GROWING WILDFLOWER & GRASS MIX - ERNMX #156					
SEEDING RATE: 20 LB PER ACRE WITH	A COVER CROP OF GRAIN RYE AT 30 LB PER ACRE				
SCIENTIFIC NAME	COMMON NAME	% OF MIX			
FESTUCA OVINA	SHEEP FESCUE, VARIETY NOT STATED	63.60%			
LOLIUM MULTIFLORUM (L. PERENNE VAR. ITALICUM)	ANNUAL RYEGRASS	17%			
LINUM PERENNE SSP. LEWISII	PERENNIAL BLUE FLAX	8%			
RUDBECKIA HIRTA	BLACKEYED SUSAN, COASTAL PLAIN NC ECOTYPE	2%			
COREOPSIS LANCEOLATA	LANCELEAF COREOPSIS, COASTAL PLAIN NC ECOTYPE	2%			
CHRYSANTHEMUM LEUCANTHEMUM	OXEYE DAISY	2%			
CHRYSANTHEMUM MAXIMUM	SHASTA DAISY	1%			
CHAMAECRISTA FASCICULATA (CASSIA F.)	PARTRIDGE PEA, PA ECOTYPE	1%			
PAPAVER RHOEAS, SHIRLEY MIX	CORN POPPY/SHIRLEY MIX	1%			
ACHILLEA MILLEFOLIUM	COMMON YARROW	0.5%			
ASTER OBLONGIFOLIUS (SYMPHYOTRICHUM OBLONGIFOLIUM)	AROMATIC ASTER, PA ECOTYPE	0.5%			
EUPATORIUM COELESTINUM (CONOCLINIUM C.)	MISTFLOWER, VA ECOTYPE	0.5%			
MONARDA PUNCTATA, COASTAL PLAIN SC ECOTYPE	SPOTTED BEEBALM, COASTAL PLAIN SC ECOTYPE	0.5%			
ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED	0.3%			
PYCNANTHEMUM TENUIFOLIUM	SLENDER MOUNTAINMINT	0.1%			
COMPA	ANY INFORMATION				
ERNST CONSERVATION SEEDS, INC.					
ADDRESS: 8884 MEF	ADDRESS: 8884 MERCER PIKE, MEADVILLE, PA 16335				
PHOI	PHONE: (800) 873-3321				

WEB: HTTP://WWW.ERNSTSEED.COM

*OR APPROVED EQUIVALENT

	SOIL AMENDMENT APPLICATION RATE EQUIVALENTS								
SOI	L AMENDMENT	PER ACRE	PER 1,000 SQ. FT.	PER 1,000 SQ. YD.	NOTES				
NENT	AGRICULTURAL LIME	6 TONS	240 LB.	2,480 LB.	OR AS PER SOIL TEST: MAY NOT BE				
SEEDING	5-5-10 FERTILIZER	600 LB.	15 LB.	130 LB.	REQUIRED IN AGRICULTURAL FIELDS				
)RARY	AGRICULTURAL LIME	1 TON	40 LB.	410 LB.	TYPICALLY NOT REQUIRED FOR				
TEMPORAF SEEDING	5-5-10 FERTILIZER	850 LB.	20 LB.	170 LB.	TOPSOIL STOCKPILES				
•									

COMPOST STANDARDS				
ORGANIC MATTER CONTENT	80% - 100% (DRY WEIGHT BASIS)			
ORGANIC PORTION	FIBROUS AND ELONGATED			
рН	6.0 FOR CONSTRUCTION SEEDING - 6.5 FOR RECREATIONAL SEEDING			
MOISTURE CONTENT	35% - 55%			
PARTICLE SIZE	98% PASS THROUGH 1" SCREEN			
SOLUBLE SALT CONCENTRATION	5.0 dS/m (mmhos/cm) MAXIMUM			

MULCH APPLICATION RATES					
MULCH TYPE	APPLICATION RATE (MIN.)				
	PER ACRE	PER 1,000 SQ. FT.	PER 1,000 SQ. YD.	NOTES	
STRAW	3 TONS	140 LB.	1,240 LB.	EITHER WHEAT OR OAT STRAW, FREE OF WEEDS, NOT CHOPPED OR FINELY BROKEN	
HAY	3 TONS	140 LB.	1,240 LB.	TIMOTHY, MIXED CLOVER AND TIMOTHY, OR OTHER NATIVE FORAGE GRASSES	
WOOD CELLULOSE	2,000 LB.	35 LB.	310 LB.	DO NOT USE ALONE IN WINTER, DURING HOT AND DRY WEATHER OR ON STEEP SLOPES (> 3:1)	
WOOD	1,000 LB. CELLULOSE	25 LB.	210 LB.	WHEN USED OVER STRAW OR HAY	
WOOD CHIPS	4 - 6 TONS	185 - 275 LB.	1,650 - 2,500 LB.	MAY PREVENT GERMINATION OF GRASSES AND LEGUMES	

### NOTES:

- 1. WHEN FINAL GRADE IS ACHIEVED DURING NON—GERMINATING MONTHS, THE AREA SHOULD BE TEMPORARILY STABILIZED UNTIL THE BEGINNING OF THE NEXT PLANTING SEASON.
- 2. MULCHES SHOULD BE APPLIED AT THE RATES SHOWN IN THE MULCH APPLICATION RATES TABLE. VERY LITTLE BARE GROUND SHOULD BE VISIBLE THROUGH THE MULCH.
- 3. STRAW AND HAY MULCH SHOULD BE ANCHORED OR TACKIFIED IMMEDIATELY AFTER APPLICATION TO PREVENT BEING WINDBLOWN.
- 4. TOPSOIL SHOULD BE UNIFORMLY DISTRIBUTED ACROSS THE DISTURBED AREA TO A DEPTH OF 4 INCHES MINIMUM. SPREADING SHOULD BE DONE IN SUCH A MANNER THAT SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL
- PREPARATION OR TILLAGE.

  5. TOPSOIL SHOULD NOT BE PLACED WHILE THE TOPSOIL OF SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND
- SEEDBED PREPARATION.

  6. WHEN USED AS A MULCH REPLACEMENT, THE APPLICATION RATE (THICKNESS) OF THE COMPOST SHOULD BE 1/2" TO 3/4". COMPOST SHOULD BE PLACED EVENLY AND SHOULD PROVIDE 100% SOIL COVERAGE. NO SOIL SHOULD BE VISIBLE.
- 7. BLANKETING SHALL BE USED ON ALL SLOPES 3H:1V OR STEEPER OR AS NOTED ON THE PLANS.
- 8. PERMANENT STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF EARTH DISTURBANCE.



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Project Manager

ECR

ECR

Designer

WD

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Project Number

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Sheet Name

**DETAILS III** 

Drawing Number

C010

SITE STABILIZATION - SEED MIX

T.S.