HAROLD GARY Chairman

CRAIG PAEPRER Vice Chairman

BOARD MEMBERS
ANTHONY GIANNICO
DAVE FURFARO
CARL STONE
KIM KUGLER
RAYMOND COTE

TOWN OF CARMEL PLANNING BOARD



60 McAlpin Avenue Mahopac, New York 10541 Tel. (845) 628-1500 – Ext.190 www.ci.carmel.ny.us MICHAEL CARNAZZA

Director of Code

Enforcement

RICHARD FRANZETTI, P.E. Town Engineer

> PATRICK CLEARY, AICP,CEP, PP, LEED AP Town Planner

VINCENT FRANZE Architectural Consultant

PLANNING BOARD AGENDA JUNE 28, 2017

MEETING ROOM #2

TAX MAP # PUB. HEARING MAP DATE COMMENTS

PUBLIC HEARING

1. Jan-El Properties, Inc. – 7 Lupi Plaza 86.7-1-25 6/28/17 6/16/17 Public Hearing/Resolution

RESOLUTION

2. Putnam Hospital Center/Emergency Department 66.-2-57 5/12/17 Amended Site Plan Addition – 670 Stoneleigh Ave

SITE PLAN

3.	Hilltop Manor Realty Corp – 164 East Lake Blvd	76.22-1-5	6/16/17	Site Plan (Boathouse)
4.	Kamala Associates LLC – 87 Fair St, Carmel	44.15-1-37	6/19/17	Residential Site Plan
5.	Central Hudson Gas & Electric Corp – 340 Bullet Hole Road	53.17-1-38	6/12/17	Site Plan

MISC.

6. Minutes - 05/24/17 & 06/14/17

NOTES No demolition is required No water or sewer to be utilized at the boathouse. 3. Lights will be provided for the boathouse. a. Spot lights facing towards the existing residence. b. Lights in the ceiling of the boathouse 4. The boathouse will be a wood structure. 5. Boathouse will be used by the owner and bona fide guest. 6. The boathouse extends 25 ft past the shore line: 7. The height does not exceed 10 ft. E. The boathouse has a 15 ft side yard. 9. The boathouse will be secured by a series of concrete sonotubes DOOK SEQUENCE OF CONSTRUCTION PEOP BONTHOUSE 1. Remove dock decking. 2. Install sonotubes in the lake NI6º18'00'E 36.75' 3. Dewater sonotubes. 4. Install #5 reinforcing bars in minimum 6 " Into bedrock. S. Pour sonotubes with 6,000 psi concrete. Install columns and boathouse structure. N17º36'00'E 26.00 Survey Area: 4,045 Sq Ft. / 0.0929 Acres N/8º19'20'E UNDERGRAINO N16°54'45"E ELECT, LINED BOATHOUNE -N1736'00 32.20 N16'54'45"E Deed 33,20" SORFENED PORCH 04.59 BULL 1881 ONE ONE STORY FRAME DWELLING TAX LOT 5 ci VENT PIPE O Area: 13,1125q Ft. 10.3010 Acres 0 CLEANOUT 3 2 IN D N73°03'25"W CONCRETE BLOCK PAVER DRIVEWA 514°53'10'W 125.73 DOUBLE YELLOW TRAFFIC LINE (CENTERLINE STREET) EAST BOULEVARD LAKE

BASED ON SURVEY BY LINE DATED-10/18/16

Site Data Notes

- 1. Owner Hilltop Manor Realty Corp. PO Box 636 Mahopac, NY 10541 845-628-6600
- 2. Project Location 164 East Lake Blvd ZONE-R-120-TM# 76.22-01-5
- 3. Propose Use A boathouse with no walls just a roof.
- Water existing well.
- 5. Sewer connected to existing town sewer
- 6. Snow load 50PSF
- 7 Wind load 110 MPH
- 8. Wind Exposure C
- 9. Seismic Design
 - a. Design Category DI
- b. Site Class -
- c. Group -

Zoning Provision	Required	Existing	Proposed
Lot Area	40,000 SF	17,172 SF	17.1725F(P)
Lot Coverage	15%	130/0	13%
Lot Width	700 FT.	1254	126 FT (P)
Lot Depth	200 FT.	105FT	105FT (P)
Front Yard	40 FT,	75FT:	75 FT-
Side Yard	25 FT.	ITET	17 FT. (P)
Rear Yard	30F7	10 FT	10 FT (P)
Minimum Required Floor Area	NIA		
Floor Area Ratio	N/A		
Height	35FT1	ZOFT	20FT
Off-Street Parking	2	4	4
Off-Street Loading	N/A		
SIDE YARD - BEATHOUSE	1 15 11	NIA	I ISET

(P) PRE-EXISTING NON-CONFORMING

EXIST. BUTTOOR LES TO REMAIN



DEED MAP NT6



PROPOSED MODITHOUSE NIS SEE DUE A L FOR DETAILS





June 19, 2017

Harold Gary and Members of the Planning Board Town of Carmel Town Hall 60 McAlpin Ave Mahopac, NY 10541

Re: Hilltop Manor Realty 164 East Lake Blvd Mahopac, NY 10541 TM #76.22-1-5

Dear Harold and Members of the Board,

Please note the following with regard to Mike Carnazza's memo dated June 14, 2017 as follows:

- 1. Details of the boathouse have been added.
- 2. The Zoning table was corrected.

Please note the following with regard to Richard Franzetti memo Dated June 7, 2017 as follows:

- 1. Details of the boathouse have been added.
- The height of the boathouse and the high water mark of Lake Mahopac have been added.
- 3. A flood plan application is being submitted.
- The 100ft buffer was shown on drawing.

Please note the following with regard to Pat Cleary's memo dated June 14, 2017 as follows:

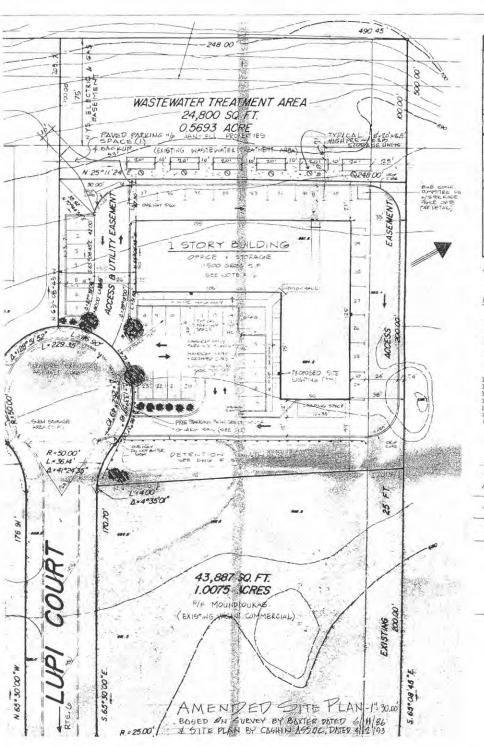
- 1. The use of this property is for the owner and his guests.
- 2. The height of the boathouse has been added.
- 3. No dwelling uses will be in this boathouse.
- Only electric will be supplied to the boathouse.
- 5. Drawing A-1 shows all the details of the boathouse.
- 6. Ceiling lights will be provided for the boathouse.
- 7. A flood Plain Permit is being submitted.

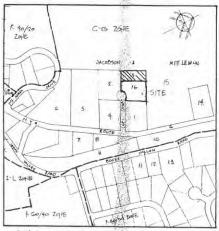
Illook forward to discussing this project with you and the board and getting referred to the ECB.

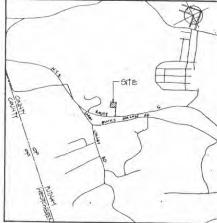
Very truly yours

Joel Greenberg









AREA MAP

LOCATION MAP SCALE : 1"=400

SGALE: 1 = 1600

ADJOINERS:

- MOUNDROUKAS
- LUPINACCI JAN ELL PROPERTIES
- MAHOPAC SELF STORAGE
- DE FRANCO
 DE FRANCO
 LE FURGY
 PETROLANE
- STATE OF NEW YORK SPANGO
- 12. FREY 13. BLOOM
- BLOOMER
- 14. U.S.P. ENTERPRISES
- WAYNE DEROJA

SITE DATA TAX MAP BGT BLOCK LOT 25				
C- ZONE	REQUIRED	PROVIDED	VARIANCE	
MIN. LOT SIZE MIN. LOT MIDTH MIN. LOT DEPTH MIN. FRONT YR SETRACK MIN. SIDE YD. SETRACK MIN. REAR YD. SETRACK MAX. LOT COVERAGE MAX. BLOG. HEIGHT S TORRACE PREKING 1. PG 1. 1000 SE	40,000 S.F. 200 FT. 200 FT. 40 FT. 25 FT. 30 PT. 30 % 35 FT. 900 /1000	24,800 SF 248 FT 100 FT 10 FT 25 FT 82 FT 3 7/ 8.5 FT. MAX 195	15,005 HONE 100 FT, 30 FT, 25 FT, NONE NONE NONE HONE	
MIN, FLOOR AREA	5,000 SF	960SF	40405F	

LANDSCAPING:

- 1. ALL DISTURBED AREAS
- 2. \$ 4 HIGH BLUE SPRUCE

USE: WHOLE STORAGE & DISTRBUTIVE

ALL VARIANCES GRANTED BY THE ZEA AN 5/25/17

PRE- FAR STORAGE UNIT - 8' 20' x 8'-6 BASES" LESSON SERVICE CONTRACTOR OF THE SERVICE OF THE SER STORAGE LINIT BASE

1/3"-11-0"





Kamala associates TOWN OF CARMEL SITE PLAN APPLICATION INSTRUCTIONS



The Town of Carmel Planning Board meetings are held twice a month, on the second and fourth Wednesday's, at 7:00 PM at Carmel Town Hall, 60 McAlpin Avenue, Carmel

The submission deadline is 10 days prior to the Planning Board meeting. New site plan applications that have been deemed complete will be placed on the agenda in the order they are received.

No application will be placed on the agenda that is incomplete

Pre-Submission:

Prior to the formal submission of the site plan, a pre-submission conference may be requested by the applicant to be conducted with representatives from the Town, which may include the Town Planner, Town Engineer, Director of Code Enforcement and/or the Planning Board Attorney. This conference will serve to educate the applicant on the process he/she must follow, clarify the information required to submit a complete site plan application, and to highlight any specific areas of concern. You may arrange a presubmission conference through the Planning Board Secretary at (845) 628-1500 extension 190.

Submission Requirements:

At least 10 days prior to the Planning Board meeting, the site plan application shall be submitted to the Planning Board Secretary as follows:

All site plans shall be signed, sealed and folded with the title box legible. The application package shall include:
11 copies of the Site Plan Application Form, signed and notarized.
11 copies of the SEQR Environmental Assessment Form (use of short form of
long form shall be determined at pre-submission conference). 5 full size sets of the Site Plan (including floor plans and elevations)
1 CD (in pdf. format) containing an electronic version of the Site Plan
2 copies of the Disclosure Statement
11 copies of the Site Plan Completeness Certification Form
All supplemental studies, reports, plans and renderings.
2 copies of the current deed.
2 copies of all easements, covenants and restrictions.
The appropriate fee, determined from the attached fee schedule. Make checks
payable to the Town of Carmel.
Jose Timbetta 6/2/17
Planning Board Secretary: Date Town Engineer: Date





Per Town of Carmel Code - Section 156 - Zoning

TE IDENTIFICA	TION INFO	RMATION		
LLC		Application #	Date Submitted: 6/19/17	
			.0000	
	Hamlet: Ca	rmel, NY	10512	
Drive	m intersectio	ons, etc.)		
ion: ot(s) 37	F		e:	
age 188	Yes	(No)		
No Yes Describe and attach copies: Are Easements Proposed? No Yes Describe and attach copies: No Yes Describe and attach copies:				
APPLICANT/	OWNER IN	FORMATION		
	Phone #:	914 629 040	Email:	
	Fax#:	714 027 040	1	
-				
			State: Zip:	
	Phone #:		Email:	
	own:		Ctata 7:	
		Non-Street Control	State: Zip:	
ions	Fax#: 62	628 6613 8 2807	Email: joel.greenberg(arch-visions.co	
			Taren Vibions, Co	
d North To	own: Maho	pac,	State: NYZip:10541	
N/A	Phone #: Fax#:		Email:	
			4.3.	
		Oll	State: Zip:	
Name and Address of the Owner, where the Owner, which is the O		ON		
		onvert exis	ting office	
	reet /rks, distance from Drive ion: ot(s) 37 Clerk's Office age 188 Site copies: O'Radius of the ed List to this Apparatus Applicant/ To owner): Preparing Site ions d North To N/A	LLC reet Hamlet: Carks, distance from intersection Drive ion: Ot(s) 37 Clerk's Office Liens, Mayes Site Copies: No Yes Copie	reet Hamlet: Carmel, NY intersections, etc.) Drive ion: Ot(s) 37 Clerk's Office age 188 Copies: Copi	

PROJ	ECT INFORMATION
Lot size:	Square footage of all existing structures (by floor):
Acres: 0.64 Square Feet: 27.67	78bldg#1-271@1045ea.bld。2-480.bldg3 600si
# of existing parking spaces: 4	# of proposed parking spaces: 4
# of existing dwelling units: 3	# of proposed dwelling units 4
Is the site served by the following public ut	ility infrastructure:
 Is project in sewer district or will principle. 	ivate septic system(s) be installed? Sewer District
 If yes to Sanitary Sewer answer the 	following:Connection Exists
	- connection Haists
	to connect to sewer main? Yes: ☐ No: ☐
	connection? Out-of district connection?
	ver capacity at time of application?
	ated average and maximum daily flow
For Town of Carmel Town Engineer	
▶ What is the sewer ca	pacity
 Water Supply 	Yes: ☑ No: ☐ Connection Exists
If Yes: ▶ Does approval exist	to connect to water main? Yes: ☐ No: ☐
▶ What is the total water	er capacity at time of application?
	ted average and maximum daily demand
Storm Sewer	Yes: ☐ No: ☒
 Electric Service 	Yes: ⊠ No: □
 Gas Service 	Yes: No: ⊠
Telephone/Cable Lines	Yes: ☑ No: □
For Town of Carmel Town Engineer	
Water Flows Sewer Flows	asting
Town Engineer; Date	
What is the predominant soil type(s) on the	What is the approximate depth to water table?
site? N/A no site work	N/A no site work
Site slope categories: 15-25% 100	
Estimated quantity of excavation: Cut	(C.Y.) 0 Fill (C.Y.) 0
Is Blasting Proposed Yes:	No: ☑ Unknown: □
Is the site located in a designated Critical E	
	irb cuts proposed? What is the sight distance?
site? Yes: ☑ No: ☐ Yes: ☐ No:	Left 300ft Right 300ft
Is the site located within 500' of:	
The boundary of an adjoining city, town	or village Yes: ☐ No: ☑
The boundary of a state or county park,	recreation area or road right-of-way Yes: ☒ No: ☐
A county drainage channel line.	Yes: □ No: 🗷
The boundary of state or county owned	land on which a building is located Yes: ☐ No: ☑

Is the site listed on the State or Federa	Register of Histori	c Place (or subs	tantially contiguous)	
Yes: □ No: ⊠				
Is the site located in a designated floor	dplain?			
Yes: ☐ No: ☒				
Will the project require coverage under	r the Current NYSDI	EC Stormwater R	legulations	
			Yes: ☐ No: 🖾	
Will the project require coverage under	r the Current NYCD	EP Stormwater R	legulations	
			Yes: ☐ No: ☒	
			Yes: LI No: ES	
Does the site disturb more than 5,000 s	na fé	Yes: ☐ No: ☑		
Does the site disturb more than 5,000 s	sq it	Tes. LI No. B		
Does the site disturb more than 1 acre		Yes: ☐ No: 🗷		
Dodo ino one diotara more man i dore				
Does the site contain freshwater wetla	nds?			
Yes: ☐ No: ☒				
Jurisdiction:				
NYSDEC: Town of Carm	nel: 🗆			
If present, the wetlands must be delineat	ed in the field by a V	Vetland Profession	nal, and survey located on	
the Site Plan.				
Are encroachments in regulated wetlan			Yes: ☐ No: ☒	
Does this application require a	referral to the	Environmental	Yes: ☐ No: 🛣	
Conservation Board?				
Does the site contain waterbodies, stre			No: □	
		ng Pond	10 A	
Are any encroachments, crossings or			No: 🗵	
Is the site located adjacent to New Yor			No: 📮	
Is the project funded, partially or in tot	al, by grants or loar	s from a public :	source?	
Yes: □ No: ☑				
Will municipal or private solid waste d	isposal be utilized?			
Public: ☑ Private: ☐				
Has this application been referred to the	ne Fire Department?	Yes: 🗷	No: □	
Milest in the anti-motor time of complete	tion for the project)		
What is the estimated time of construc	tion for the project			
6	Months			
	COMPLIANCE INFO	ORMATION		
Zoning Provision	Required	Existing	Proposed	
Lot Area				
Lot Coverage	120,000sf	27,678sf	27,678sf	
Lot Width	15%	7.7%	7.7%	
Lot Depth	200ft	208ft	208ft	
Front Yard	200ft 40ft	186ft	186ft	
Side Yard Rear Yard-North	30ft	13ft 22ft	13ft 22ft	
Rear Yard West				
With With Street				
2/1/4				
N/A				
on oncorr anding	4	4	4	
Off-Street Loading	N/A	N/A	N/A	

Yes: ⊠ No: □	If yes, identify variances: Area Variances & Use Variance for a Dwelling Units
	ROPOSED BUILDING MATERIALS
Foundation	
Structural System	NO CONSTRUCTION
Roof	NO CONDINCOTION
Exterior Walls	
AP	PLICANTS ACKNOWLEDGEMENT
information contained in the sup correct.	all the above statements and information, and all statements and porting documents and drawings attached hereto are true and





All Site Plans submitted to the Planning Board for review shall include the following information and details, as set forth in Section 156-61 B of the Town of Carmel Zoning Ordinance.

This form shall be included with the site plan submission

	Requirement Data	To Be Completed by the Applicant	Waived by the Town
1	Name and title of person preparing the site plan	X -	
2	Name of the applicant and owner (if different from applicant)	X	
3	Original drawing date, revision dates, scale and north arrow	X	
4	Tax map, block and lot number(s), zoning district	X	
5	All existing property lines, name of owner of each property within a 500' radius of the site		
6	Contour lines at two-foot intervals, grades of all roads, driveways, sanitary and storm sewers	request waive:	DA
7	The location of all water bodies, streams, watercourses, wetland areas, wooded areas, rights-of-way, streets, roads, highways, railroads, buildings, structures	X	
8	The location of all existing and proposed easements	NONE	
9	The location of all existing and proposed structures, their use, setback dimensions, floor plans, front, side and rear elevations, buildable area.		
10	On site circulation systems, access, egress ways and service roads, emergency service access and traffic mitigation measures	X /	
11	Sidewalks, paths and other means of pedestrian circulation	X	
12	On-site parking and loading spaces and travel aisles with dimensions	X /	
13	The location, height and type of exterior lighting fixtures	X	
14	Proposed signage	None i	
15	For non-residential uses, an estimate of the number of employees who will be using the site, description of the operation, types of products sold, types of machinery and equipment used		





	Requirement Data	To Be Completed by the Applicant	Waived by the Town
16	The location of clubhouses, swimming pools, open spaces, parks or other recreational areas, and identification of who is responsible for maintenance	NONE	
17	The location and design of buffer areas, screening or other landscaping, including grading and water management. A comprehensive landscaping plan in accordance with the Tree Conservation Law	N/A	
18	The location of public and private utilities, maintenance responsibilities, trash and garbage areas		
19	A list, certified by the Town Assessor, of all property owners within 500 feet of the site boundary		
20	Any other information required by the Planning Board which is reasonably necessary to ascertain compliance with this chapter	X	

Applicants Certification (to be completed by the licensed professional preparing the site plan:

	more and a contract the contrac	ite plan to which I have attached
my seal and signature, mee Carmel Zoning Ordinance:	ts all of the requiremen	its of §156-61B of the Town of
Carmer Zonning Ordinance.		OE GROOM
		19 Jack of Many
200		ATE OF NEW
51/2	6/16/17	
Signature - Applicant	Date	Professionals Seal
712	6/16/17	
Signature - Owner	Date	





Town Certification (to be complet	ed by the Town)
	ereby confirm that the site plan meets all of the
requirements of §156-61B of the	Town of Carmel Zoning Ordinance:
Rose Jumlytta Signature - Planning Board Secre	etary Date
Ruly MA	6/21/17

Short Environmental Assessment Form Part 1 - Project Information

Instructions for Completing

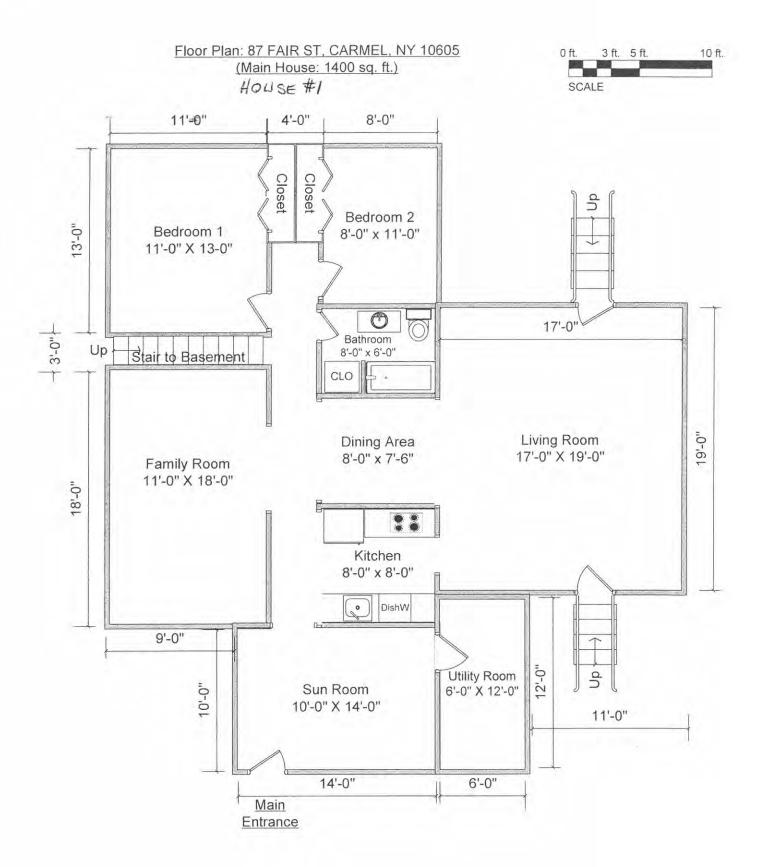
Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. 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.

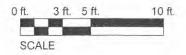
Part 1 - Project and Sponsor Information					
Name of Action or Project: Sugriv Barnwal					
Project Location (describe, and attach a location map): 87 Fair Street, Carmel, NY 10512					
Brief Description of Proposed Action: Legalize Multi - Family Use					
Name of Applicant or Sponsor:	Tel	lephone: 914-629-0407			
Sugriv Barnwal	E-I	Mail: sugrivbarnwal@gma	ail.com		
Address:					
City/PO:		State:	Zip C	ode:	
Does the proposed action only involve the legislative adop administrative rule, or regulation? If Yes, attach a narrative description of the intent of the property be affected in the municipality and proceed to Part 2. If	osed action and the	environmental resource		0	YES
2. Does the proposed action require a permit, approval or fur			? N	0	YES
If Yes, list agency(s) name and permit or approval: ZOning Bo	eard & Building Dept.				V
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 or controlled by the applicant or project sponsor?) owned	0.64 acres 0 acres 0.64 acres			
4. Check all land uses that occur on, adjoining and near the p ☐ Urban ☐ Rural (non-agriculture) ☐ Industr ☐ Forest ☐ Agriculture ☐ Aquatio ☐ Parkland	rial Commercia	al Presidential (subu	urban)		

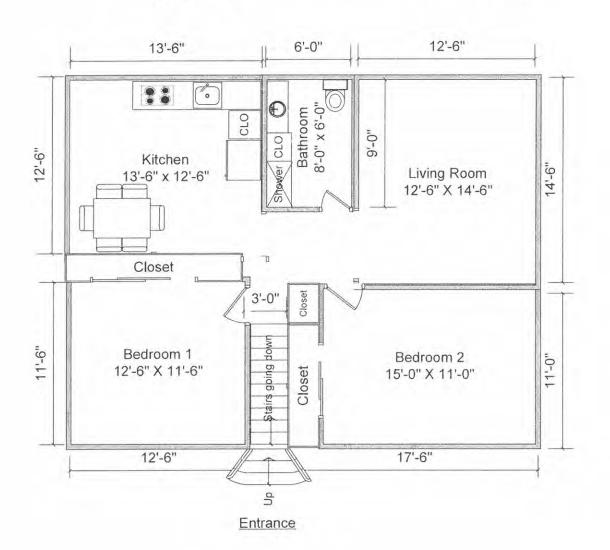
5. Is the proposed action,	NO	YES	N/A
a. A permitted use under the zoning regulations?	V		
b. Consistent with the adopted comprehensive plan?	V		
6. Is the proposed action consistent with the predominant character of the existing built or natural		NO	YES
landscape?			V
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental of Yes, identify:	Area?	NO	YES
		6	
8. a. Will the proposed action result in a substantial increase in traffic above present levels?		NO	YES
h. Are multie transportation complete(a) evailable at an agenthe site of the managed estimate		V	
b. Are public transportation service(s) available at or near the site of the proposed action?			V
c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed a	iction?	V	
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies:		NO	YES
if the proposed action will exceed requirements, describe design reatures and technologies.			V
10. Will the proposed action connect to an existing public/private water supply?		NO	YES
If No, describe method for providing potable water: CONNECTION EXISTS		Ш	~
11. Will the proposed action connect to existing wastewater utilities?		NO	YES
If No, describe method for providing wastewater treatment:			
CONNECTION EXISTS		Ш	~
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic	;	NO	YES
Places? b. Is the proposed action located in an archeological sensitive area?		~	
b, is the proposed action rocated in an archeological solishive area.		V	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, continued wetlands or other waterbodies regulated by a federal, state or local agency?	ain	NO	YES
	0		~
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres:		~	Ш
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check	all that a	annly:	
☐ Shoreline ☐ Forest ☐ Agricultural/grasslands ☐ Early mid-succes ☐ Wetland ☐ Urban ☑ Suburban		.FF-7.	
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed		NO	YES
by the State or Federal government as threatened or endangered?		V	
16. Is the project site located in the 100 year flood plain?		NO	YES
And the same of the first of the same of t		V	
17. Will the proposed action create storm water discharge, either from point or non-point sources?		NO	YES
If Yes, a. Will storm water discharges flow to adjacent properties? NO YES		V	

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:	~	
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?	NO	YES
If Yes, describe:	~	
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?	NO	YES
If Yes, describe:	~	
I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE KNOWLEDGE Applicant/sponsor name: KAMALA ASS OCIATE LLC Date: 6/16/17 Signature: Toll From Proj. ARCHT	BEST O	F MY

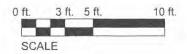


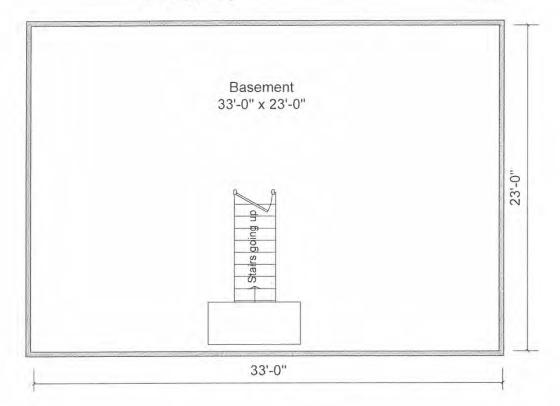
Floor Plan: 87 FAIR ST, CARMEL, NY 10605 (Main House - Dormer on Second Floor: 830 sq. ft.) #OUSE #/

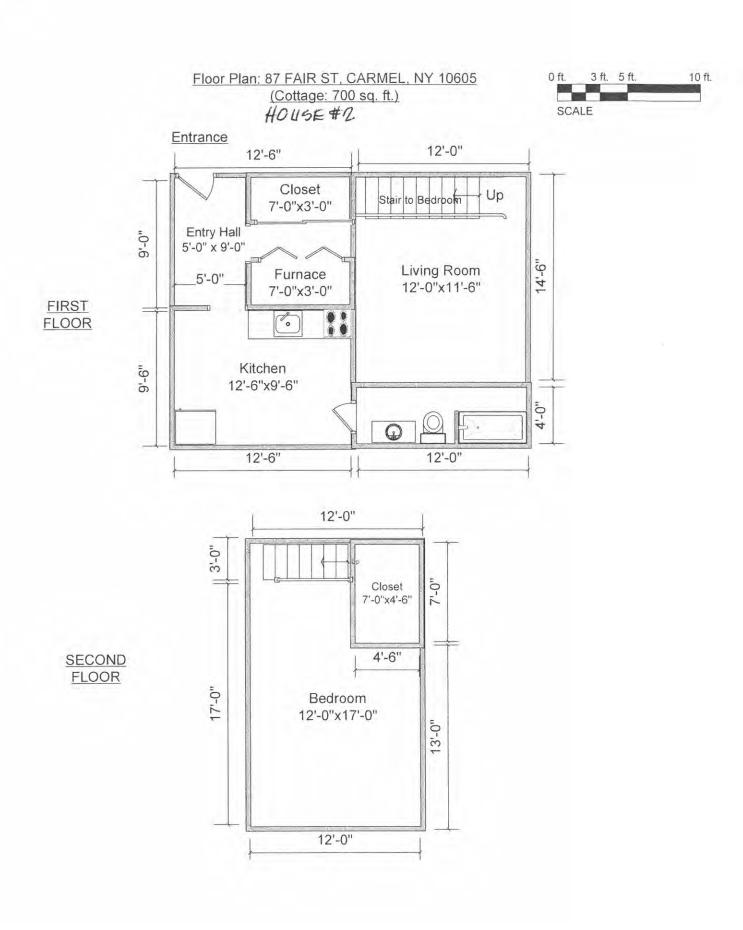


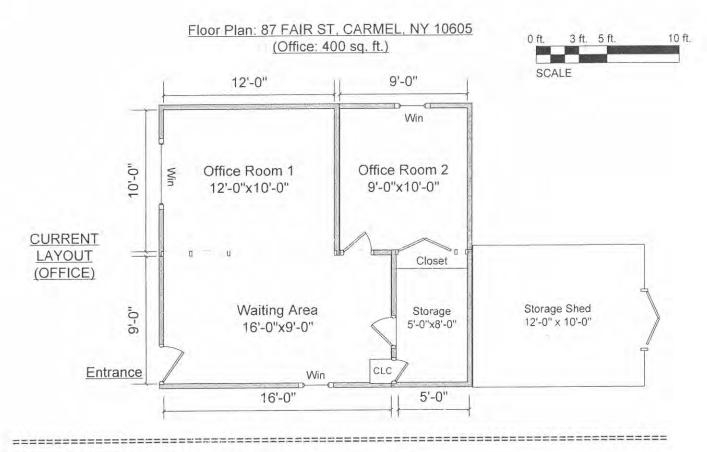


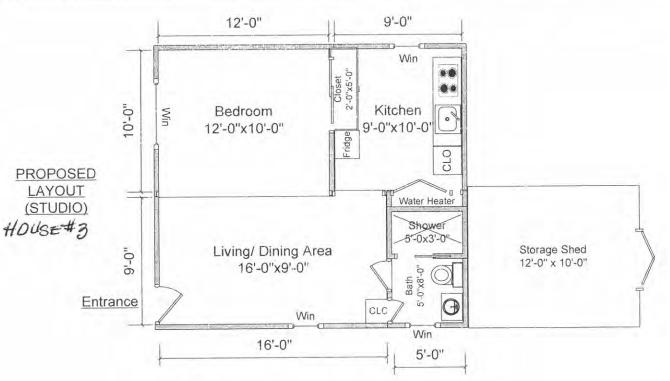
Floor Plan: 87 FAIR ST, CARMEL, NY 10605 (Main House – Basement: 760 sq. ft.) HOUSE #1











Notes:

- 1. Requires new waste connection to sewer
- 2. Requires new water connection for kitchen and bath
- 3. Will use electric tankless Water Heater

Visions DeSense 22 De Caloras De	A4.(4.) d) H Torrer M Station 24 De Colone Dr	M-Chair - BQ W-Chairi Dipiper 14 De Colores Di	94,18-2-3 Vistor M Vegs 80 Fair Sr	64 (4-2-) France Camilliers 87 Fee Sc	Ratherine O'Connect 83 Feer 31	84,13-1-24 Roben Sibigs 18 St Michaels Ter
Exmel NY 10317	Cassel, NY 10112	Emiet, NY 18977	Easter, NY (0592	Carriel, 1/1: (031)	Capies NV (051)	Carmet, NY 10512
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			David Sweet	Thorsas Feblerer	20 Annarock De	
			13 Girnas Di Carnel, NT 11513	La De Colores DI Carmel, NY 10512	Spencis, HY 10550	
-		WERS WITHIN 500 FT				



SITE DATA NOTES

1. PROPERTY OWNER

KAMALA ASSOCIATES LLC. 6 CLIFTON LANE WHITE PLAINS, NY 10605

2. PROPERTY LOCATION 87 FAIR STREET,

CARMEL, NY 10512

3, ZONE: R-120

4. TAX MAP NO. 44.15-1-37

5. PROPOSED USE MULTI-FAMILY

1 PS / DWELLING UNIT 4 DWELLING UNITS 4 PS PROVIDED 6. PARKING REQUIREMENTS.

7. UTILITIES

TOWN WATER & SEWER

8 SCHOOL-

CARMEL SCHOOL DISTRICT

9. FIRE DISTRICT:

CARMEL FIRE DISTRICT

The second secon	COMPLIANCE INF	77.7	T. DEGGGGGG
ZONING PROVISION	REQUIRED	EXISTING	PROPOSED
LOT AREA	120,000 SF	27, 678 SF	27, 678 SF (P)
LOT COVERAGE	15%	7.7 %	7.7 %
LOT WIDTH	200 FT	208 FT	208 FT
LOT DEPTH	200 FT	186 FT	186 FT (P)
FRONT YARD	40 FT	13 FT	13 FT (P)
SIDE YARD REAR YARD-NORTH	30 FT	22 FT	22 FT (P)
REAR YARD WEST	30 FT	85 FT	85 FT
HEIGHT	35 FT	24 FT	24 FT
OFF-STREET PARKING	4	4	4
(1PS/DU, 4 DU'S)			
USE	1 FAMILY	3 DU'S & 1	4 DU'S, USE
	RESIDENCE	OFFICE	VARIANCE
			REQUIRED FROM
			794

(P) - PRE-EXISTING - NON-CONFORMING



(3) LOCATION MAP



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Engineers
Planners
Surveyors
Landscape Architects
Environmental Scientists

18 Computer Drive East Suite 203 Albany, NY 12205 T: 518.459.3252 F: 518.459.3284 www.maserconsulting.com

June 13th, 2017

Project Narrative

Project: Site Plan Application for Pressure Regulator Station at 340 Bullet Hole Road

Applicant: Central Hudson Gas & Electric Corp.

Engineers: Brett Reynolds P.E. and Daniel Farnan P.E. – Maser Consulting P.A.

Land Owner: Central Hudson Gas & Electric Corp.

Location: 340 Bullet Hole Road (Tax Map # 53.017-1-38)

Town of Carmel, New York

Project Background:

Central Hudson Gas & Electric Corp. (or "Central Hudson") previously identified a need to reinforce the gas system on the Carmel-Mahopac Gas Distribution Line (or SM Line), based upon current system operating pressure and expected load growth for the affected area. The SM Line is a 120 psig system that supplies natural gas to the towns of Carmel and Mahopac. Studies were conducted by Central Hudson to understand the best potential reinforcement solutions for the SM Line. Central Hudson concluded that a second gas distribution line should be installed as reinforcement to the SM Line. The resulting project is the SM Line: Gas Distribution and Reinforcement Project. The project will include a gas regulator station to be installed at 340 Bullet Hole Rd., sited on property owned by Central Hudson, and connected to the existing 'MP' gas transmission line (located on same property).

Pressure Regulator Station:

The proposed pressure regulator station is a key component of the SM Line: Gas Distribution and Reinforcement Project. Due to the nature and size of the regulator equipment, the station cannot be installed within the Right-of-Ways where the 3.9 miles of new distribution main will be installed. Therefore, the station will be placed on a parcel within the town, requiring the Site Plan Approval process.

The station itself will consist of both above and underground equipment. Ground covers for the station will be imported gravel and the station will be enclosed with a 6-ft high chain link fence with barbed wire top (total 7-ft tall). A gravel access road with turnaround will be installed for periodic inspection and maintenance. No full or part-time employees would man the station, and no parking spaces have been designed. A combination of existing wooded areas and proposed landscaping will help screen the site from view.



SM Line: Gas Distribution and Reinforcement Project:

This project includes a traverse of ~3.9 miles of 10" steel gas distribution main to be installed for reinforcement from the gas regulator station to a tiepoint with the existing 'SM' Gas Distribution Line near State Route 6. The reinforcement gas main, which would be installed within the road shoulder ('turf') and road pavement, would traverse from Bullet Hole Rd. east to intersection with Hill St. (County Route 32); then north on Hill St. which becomes Long Pond Rd. (County Route 32) to the intersection of Wixon Pond Rd.; then southeasterly along Wixon Pond Rd. to the intersection of Cooney Rd.; then continuing along Cooney Rd. and terminating adjacent to State Route 6. The Route Design Plans have been included in this submission for reference.

SEQRA:

On February 27, 2017 a pre-application meeting was held at the town offices with the Town Planner, Town Engineer, members of Central Hudson's design team and members of Maser Consulting's design team. During this meeting it was determined the entire *SM Line: Gas Distribution and Reinforcement Project* would be presented to the Town Planning Board for SEQRA review. The Pressure Regulator Station at 340 Bullet Hole Road would be subject to Site Plan review.

The attached Environmental Assessment Form (EAF) has been completed for the whole *SM Line:* Gas Distribution and Reinforcement Project. The Route Design Plans have been included in this submission for reference.

NYC DEP Reviews:

In April, Maser Consulting submitted the SM Line: Gas Distribution and Reinforcement Project for NYC DEP review. NYCDEP's initial review indicates this project is under their 2-acre disturbance threshold and will not require a SWPPP conform to their regulations. NYCDEP has requested data on the locations of staging areas to be utilized for this project. Central Hudson is pursuing leases for staging areas and will return this information to NYCDEP when ready. At which time we expect NYCDEP to issue a letter of review findings. That letter will be forwarded to the Town once received.

Sincerely,

MASER CONSULTING P.A.

Daniel Farnan, PE, CPESC, CPSWQ Senior Engineer Central Hudson Gas + Electric



SITE PLAN APPLICATION INSTRUCTIONS



The Town of Carmel Planning Board meetings are held twice a month, on the second and fourth Wednesday's, at 7:00 PM at Carmel Town Hall, 60 McAlpin Avenue, Carmel

The submission deadline is 10 days prior to the Planning Board meeting. New site plan applications that have been deemed complete will be placed on the agenda in the order they are received.

No application will be placed on the agenda that is incomplete

Pre-Submission:

Prior to the formal submission of the site plan, a pre-submission conference may be requested by the applicant to be conducted with representatives from the Town, which may include the Town Planner, Town Engineer, Director of Code Enforcement and/or the Planning Board Attorney. This conference will serve to educate the applicant on the process he/she must follow, clarify the information required to submit a complete site plan application, and to highlight any specific areas of concern. You may arrange a presubmission conference through the Planning Board Secretary at (845) 628-1500 extension 190.

Submission Requirements:

Planning Board Secretary; Date

At least 10 days prior to the Planning Board meeting, the site plan application shall be submitted to the Planning Board Secretary as follows:

All site plans shall be signed, sealed and folded with the title box legible. The
application package shall include:
11 copies of the Site Plan Application Form, signed and notarized.
11 copies of the SEQR Environmental Assessment Form (use of short form or long form shall be determined at pre-submission conference).
5 full size sets of the Site Plan (including floor plans and elevations)
1 CD (in pdf. format) containing an electronic version of the Site Plan
2 copies of the Disclosure Statement
11 copies of the Site Plan Completeness Certification Form
All supplemental studies, reports, plans and renderings.
2 copies of the current deed.
N/e2 copies of all easements, covenants and restrictions.
The appropriate fee, determined from the attached fee schedule. Make checks payable to the <i>Town of Carmel</i> .
Rose Showlette 6-15-12 Alla MAA WILLY

Town Engineer; Date





Per Town of Carmel Code - Section 156 - Zoning

SITE IDENTIFICA	BION INFO	RMATION	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Application Name: S-M Gas Line Reinforcement Pro	oject	Application #	Date Submitted: June 14th, 2017
Site Address:			
	amlet:		
Property Location: (Identify landmarks, distance from	n intersection	ons, etc.)	
340 Bullet Hole Road and ROW: Bullet Hole Road, Hill St	reet, Long P	ond Road, Wixon Po	and Road, & Cooney Road
Town of Carmel Tax Map Designation: Section 53.017 Block 1 Lot(s) 38	Zoning D Residential	Designation of Site (R)):
Property Deed Recorded in County Clerk's Office Date Liber 643 Page 163	Liens, Me	ortgages or other	Encumbrances No
No Yes Describe and attach copies:	Are Ease	ments Proposed?	
No	Yes, plea	se see transmittal	l letter for description.
Have Property Owners within a 500' Radius of the Yes No Yes Attached List to this App			hed
APPLICANTIO	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN		Territoria de la compansión de la compan
Property Owner: Central Hudson, Town of Carmei, and Putnam County	Phone #: Fax#:		Email:
Owners Address:		*	
	wn:		State: Zip:
Applicant (If different than owner): Central Hudson Gas & Electric Corp Brian Dimisko	Phone #: Fax#:	845-486-5791	Email: BDimisko@cenhud.com
	wn: Poughke		State: NY Zip: 12601
Individual/ Firm Responsible for Preparing Site Plan: Maser Consulting P.A Albany Office	Phone #: Fax#: 518-459-32	52	Email: dfarnan@maserconsulting.com
Address: No. Street: 18 Computer Drive E. Tou	wn: Albany		State.NY Zip: 12205
Other Representatives:	Phone #: Fax#:		Email:
Owners Address:			
No. Street: Tox	vn:		State: Zip:
PROJECTO	ESCRIPTIC	N .	

Describe the project, proposed use and operation thereof:

Central Hudson has identified a need to reinforce the existing Carmel-Mahopac Gas Distribution Line (or 'SM' Gas Line). To do so, a gas regulator station would be installed off Bullet Hole Rd., sited on property owned by Central Hudson, and connected to the existing 'MP' gas transmission line (located on same property). A traverse of ~3.9 miles of 10" steel gas distribution main would be installed for reinforcement from the gas regulator station to a tiepoint with the existing 'SM' Gas Distribution Line near State Route 6. The reinforcement gas main, which would be installed within the road shoulder ('turf') and road pavement, would traverse from Bullet Hole Rd. east to intersection with Hill St. (County Route 32); then north on Hill St. which becomes Long Pond Rd. (County Route 32) to the intersection of Wixon Pond Rd.; then southeasterly along Wixon Pond Rd. to the intersection of Cooney Rd.; then continuing along Cooney Rd. and terminating adjacent to State Route 6. As part of this project there is a Site Plan Application for use of 340 Bullet Hole Rd. as a gas regulator site. The entire project is represented in this application for SEQRA Review purposes. Please see attached Project Narrative for a more detailed description of this project.

The state of the s	T INFORMATION
Lot size: Acres: 4.97+-AC Square Feet:	Square footage of all existing structures (by floor):
# of existing parking spaces: 0	# of proposed parking spaces:
# of existing dwelling units: 0	# of proposed dwelling units 0
Is the site served by the following public utility	ly Intrastructure:
 Is project in sewer district or will private If yes to Sanitary Sewer answer the formula 	ate septic system(s) be installed? MA
in yes to bankary bewer answer the to	nowing.
▶ Is this an in-district cor ▶ What is the total sewer	connect to sewer main? Yes: No: V nnection? Out-of district connection? capacity at time of application?
For Town of Carmel Town Engineer • What is the sewer capa	
The second supplemental seconds of the second supplemental second	
 Water Supply 	Yes: □ No: ✓
➤ What is the total water of ➤ What is your anticipated	connect to water main? Yes: No: Sapacity at time of application? d average and maximum daily demand
	Yes: ☐ No: ✓
Electric Service	/es: □ No: ✓
Gas Service Y	′es:
Telephone/Cable Lines	Yes: ☐ No: ✓
For Town of Carmel Town Engineer	
Water Flows Sewer Flows	
Town Engineer; Date	
What is the predominant soil type(s) on the	What is the approximate depth to water table?
site? Charlton-Chatfield complex	Most areas 80+ inches. In some areas 0-6 inches
Site slope categories: 15-25% 0 %	25-35% 0 % >35% 0 %
Estimated quantity of excavation: Cut (C.)	Y.) 85 Fill (C.Y.) 85
	No: Unknown:
Is the site located in a designated Critical Envi	
	cuts proposed? What is the sight distance?
site? Yes: No: ✓ Yes: No: ✓	Left_630Right_735
Is the site located within 500' of:	
The boundary of an adjoining city, town or	village Yes: No: ✓
The boundary of a state or county park, rec	creation area or road right-of-way Yes: No: V
A county drainage channel line.	Yes: No: ✓
The boundary of state or county owned lan	nd on which a building is located Yes: No: V

Is the site listed on the State or Fe	acidi register oi mist		idily delitiguous,
Yes: No: ✓			
Is the site located in a designated	floodplain?		
Yes: No: ✓			
Will the project require coverage u	under the Current NYS	DEC Stormwater Reg	ulations
			Yes: ✓ No:
Will the project require coverage	under the Current NVC	DED CALLERY	detions
Will the project require coverage u	inder the Current NTC	DEP Stormwater Regi	liations
			Yes: No:
			1 es. NO. V
Does the site disturb more than 5,0	000 sq ft	Yes: ✓ No:	
	normal co		
Does the site disturb more than 1 a	acre	Yes: ✓ No:	
Described to the second			
Does the site contain freshwater w	retlands?		
Yes: ✓ No:			
Jurisdiction:	2		
NYSDEC: Town of C	Jarmel:	14/-4/- 10 /	AND THE RESERVE OF THE PARTY OF THE
If present, the wetlands must be deli	neated in the field by a	Wetland Professional,	and survey located on
Are encroachments in regulated w	atlands or watland hu	Mara meanaged? V	es: V. No:
Does this application require	a referral to the		es: / No:
Conservation Board?	a referral to the	Livilotimental 163	NO:
Does the site contain waterbodies,	streams or watercour	ses? Yes: V	0:
, , , , , , , , , , , , , , , , , , ,			•. 🔲
Are any encroachments, crossings	or alterations propos	ed? Yes:√ N	0:
Is the site located adjacent to New			0:
Is the project funded, partially or in	total, by grants or loa	ans from a public soul	
Yes: No: ✓			
Will municipal or private colid	te disposal be utilized	?	
win municipal of private solid was			
Public: Private:	N/A		
Public: Private:		? Yes: N	lo:[
Public: Private: Has this application been referred	to the Fire Department		lo:[/
Public: Private: Has this application been referred	to the Fire Department		lo:[V]
Public: Private: Has this application been referred	to the Fire Department		lo:[/]
Public: Private: Has this application been referred What is the estimated time of cons	to the Fire Department	t? 6 Months	lo: 🗸
Public: Private: Has this application been referred what is the estimated time of constant to the public time of constant to the public time of constant time o	to the Fire Department	t? 6 Months	
Public: Private: Has this application been referred what is the estimated time of constant Zoning Provision	to the Fire Department truction for the project INCOMPLIANCE IN Required	t? 6 Months CREATION Existing	Proposed
Public: Private: Has this application been referred what is the estimated time of constant Zoning Provision Lot Area	to the Fire Department truction for the project Required 120,000 sf	6 Months Existing 216,493 sf	Proposed 216,493 sf
Public: Private: Has this application been referred what is the estimated time of cons Zoning Provision Lot Area Lot Coverage	to the Fire Department truction for the project Required 120,000 sf 0 to 15%	6 Months Existing 216,493 sf 0%	Proposed 216,493 sf 2%
Public: Private: Has this application been referred what is the estimated time of cons Zoning Provision Lot Area Lot Coverage Lot Width	to the Fire Department truction for the project Required 120,000 sf 0 to 15% 200 ft	Existing 216,493 sf 0% Varies, 65 ft frontage	Proposed 216,493 sf 2% Varies, 65 ft frontage
Public: Private: Has this application been referred what is the estimated time of cons Zoning Provision Lot Area Lot Coverage Lot Width Lot Depth	to the Fire Department truction for the project Required 120,000 sf 0 to 15% 200 ft 200	Existing 216,493 sf 0% Varies, 65 ft frontage 3,300 ft	Proposed 216,493 sf 2% Varies, 65 ft frontage 3,300 ft
Public: Private: Has this application been referred what is the estimated time of cons Zoning Provision Lot Area Lot Coverage Lot Width Lot Depth Front Yard	to the Fire Department truction for the project Required 120,000 sf 0 to 15% 200 ft 200 40	Existing 216,493 sf 0% Varies, 65 ft frontage 3,300 ft	Proposed 216,493 sf 2% Varies, 65 ft frontage 3,300 ft No Building Proposed
Public: Private: Has this application been referred what is the estimated time of constant Zoning Provision Lot Area Lot Coverage Lot Width Lot Depth Front Yard Side Yard	to the Fire Department truction for the project Required 120,000 sf 0 to 15% 200 ft 200 40 25	Existing 216,493 sf 0% Varies, 65 ft frontage 3,300 ft	Proposed 216,493 sf 2% Varies, 65 ft frontage 3,300 ft No Building Proposed No Building Proposed
Public: Private: Has this application been referred what is the estimated time of constant Zoning Provision Zoning Provision Lot Area Lot Coverage Lot Width Lot Depth Front Yard Side Yard Rear Yard	to the Fire Department truction for the project Required 120,000 sf 0 to 15% 200 ft 200 40 25 40	Existing 216,493 sf 0% Varies, 65 ft frontage 3,300 ft	Proposed 216,493 sf 2% Varies, 65 ft frontage 3,300 ft No Building Proposed No Building Proposed No Building Proposed
Public: Private: Has this application been referred what is the estimated time of constant and estimated tim	to the Fire Department truction for the project Required 120,000 sf 0 to 15% 200 ft 200 40 25 40 —	Existing 216,493 sf 0% Varies, 65 ft frontage 3,300 ft	Proposed 216,493 sf 2% Varies, 65 ft frontage 3,300 ft No Building Proposed
Public: Private: Has this application been referred what is the estimated time of constant Zoning Provision Lot Area Lot Coverage Lot Width Lot Depth Front Yard Side Yard Rear Yard Minimum Required Floor Area Floor Area Ratio	to the Fire Department truction for the project Required 120,000 sf 0 to 15% 200 ft 200 40 25 40 -	t? 6 Months Existing 216,493 sf 0% Varies, 65 ft frontage 3,300 ft	Proposed 216,493 sf 2% Varies, 65 ft frontage 3,300 ft No Building Proposed
Public: Private: Has this application been referred what is the estimated time of constant and estimated tim	to the Fire Department truction for the project Required 120,000 sf 0 to 15% 200 ft 200 40 25 40 35	## 6 Months Existing	Proposed 216,493 sf 2% Varies, 65 ft frontage 3,300 ft No Building Proposed
Public: Private: Has this application been referred what is the estimated time of constant to the public time of constant tim	to the Fire Department truction for the project Required 120,000 sf 0 to 15% 200 ft 200 40 25 40 -	t? 6 Months Existing 216,493 sf 0% Varies, 65 ft frontage 3,300 ft	Proposed 216,493 sf 2% Varies, 65 ft frontage 3,300 ft No Building Proposed

Will variances be required? Yes: No: ✓	If yes, identify variances:
PI TO THE PI	ROPOSED BUILDING MATERIALS
Foundation	N/A
Structural System	N/A
Roof	N/A
Exterior Walls	N/A
AP	PLICANTS ACKNOWLEDGEMENT
I hereby depose and certify that a information contained in the sup correct. Brian Dimisko	all the above statements and information, and all statements and aporting documents and drawings attached hereto are true and
Applicants Name	Applicants Signature
Sworn before me this	13th day of June 2017

Jacqueline A. Dinkel
Notary Public, State of New York,
No. 01D16137988
Oualified In Dutchess County
Term Expires Dec. 5, 20





All Site Plans submitted to the Planning Board for review shall include the following information and details, as set forth in Section 156-61 B of the Town of Carmel Zoning Ordinance.

This form shall be included with the site plan submission

	Requirement Data	To Be Completed by the Applicant	Waived by the Town	
1	Name and title of person preparing the site plan	1		
2	Name of the applicant and owner (if different from applicant)	7		
3	Original drawing date, revision dates, scale and north arrow			
4	Tax map, block and lot number(s), zoning district	7		
5	All existing property lines, name of owner of each property within a 500' radius of the site			×
6	Contour lines at two-foot intervals, grades of all roads, driveways, sanitary and storm sewers	1		
7	The location of all water bodies, streams, watercourses, wetland areas, wooded areas, rights-of-way, streets, roads, highways, railroads, buildings, structures	✓		
8	The location of all existing and proposed easements	V		
9	The location of all existing and proposed structures, their use, setback dimensions, floor plans, front, side and rear elevations, buildable area.			
10	On site circulation systems, access, egress ways and service roads, emergency service access and traffic mitigation measures	✓ /		
11	Sidewalks, paths and other means of pedestrian circulation	□ _{N/A} /		
12	On-site parking and loading spaces and travel aisles with dimensions			
13	The location, height and type of exterior lighting fixtures	$\square_{N/A}$		
14	Proposed signage	□ _{N/A} /		
15	For non-residential uses, an estimate of the number of employees who will be using the site, description of the operation, types of products sold, types of machinery and equipment used			





	Requirement Data	To Be Completed by the Applicant	Waived by the Town
16	The location of clubhouses, swimming pools, open spaces, parks or other recreational areas, and identification of who is responsible for maintenance	N/A	
17	The location and design of buffer areas, screening or other landscaping, including grading and water management. A comprehensive landscaping plan in accordance with the Tree Conservation Law	1	
18	The location of public and private utilities, maintenance responsibilities, trash and garbage areas	7	
19	A list, certified by the Town Assessor, of all property owners within 500 feet of the site boundary	V /	
20	Any other information required by the Planning Board which is reasonably necessary to ascertain compliance with this chapter		

Applicants Certification (t site plan:	o be completed by the li	censed professional preparing the
J Daniel Farnan, P.E.	hereby certify that the	e site plan to which I have attached
my seal and signature, n Carmel Zoning Ordinance:	neets all of the requiren	nents of §156-61B of the Town of
		SE OF NEW
		TO THE PARTY OF TH
		18 092510-1 E
Signature - Applicant	Date	Professionals Seal
orginature - Applicant	Date	Fiviessionals Seat
Signature - Owner	Date	





Town Certification (to be completed by the Town)

1	Richard	FRAMMetti	hereby	confirm	that	the	site	plan	meets	all	of	the
		of §156-61B of th										***************************************

Signature - Planning Board Secretary

Signature - Town Engineer

0/10

Short Environmental Assessment Form Part 1 - Project Information

Instructions for Completing

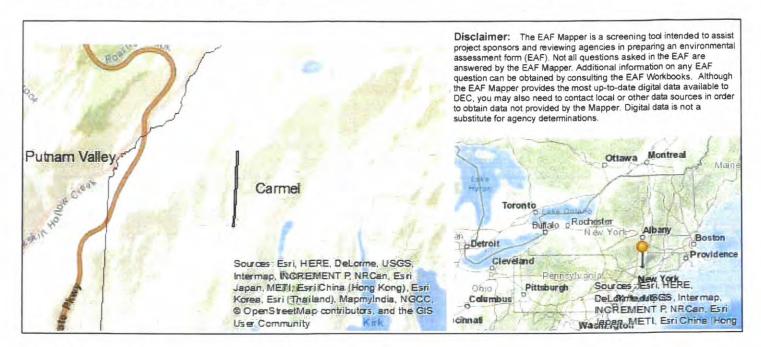
Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. 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 Info	ormation						
Name of Action or Project:							
S-M Gas Line Reinforcement Project							
Project Location (describe, and atta	ach a location	map):					
340 Bullet Hole Road and ROW: Bullet H	Hole Road, Hill S	treet, Long Pond	Road, Wixon Pond	Road, & Cooney F	Road		
Brief Description of Proposed Acti	ion:			2240.000			
Installation of a new gas regulator station the existing 'MP' gas transmission line.	n at 340 Bullet H	ole Road, propert	y owned by Centra	Hudson Gas & Ele	ectric Corp, a	nd connec	eted to
Project also includes 3.9 miles of new ga with the existing 'SM" Gas Line near State with County Route 32; then County Route Road; then continuing along Cooney Road	te Route 6. The te 32 north to the	reinforcement gas intersection of W	main would traver fixon Pond Road; th	se from Bullet Hole nen Wixon Pond Ro	Road east to	the inters	section
Name of Applicant or Sponsor:			Tel	ephone: 845-486	5-5791		
Central Hudson Gas & Electric Corp - Brian Dimisko E-Mail: BDimisko@cenhud.com							
Address:			1				
284 South Avenue							
City/PO:			a co	State:	Z	ip Code:	
Poughkeepsie				NY	12	601	
1. Does the proposed action only in		slative adoption	of a plan, local	aw, ordinance,		NO	YES
administrative rule, or regulation If Yes, attach a narrative description		of the proposed	l action and the e	nvironmental res	sources that		П
may be affected in the municipality						(A)	
2. Does the proposed action requir			g from any other	governmental A	Agency?	NO	YES
If Yes, list agency(s) name and per NYSDEC and U.S. Army Corps of Engin		d:					✓
3.a. Total acreage of the site of the b. Total acreage to be physically c. Total acreage (project site and or controlled by the applicant of	disturbed? any contiguou	s properties) ow	vned	6.453 acres .483 acres 4.97 acres			
4. Check all land uses that occur o ☐ Urban ☐ Rural (not ☐ Forest ☐ Agricultur ☐ Parkland	n-agriculture)		Commercia	Residentia)	

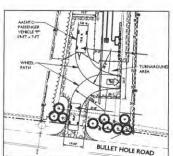
a. A permitted use under the zoning regulations? b. Consistent with the adopted comprehensive plan? 6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?		V	
6. Is the proposed action consistent with the predominant character of the existing built or natural			1
마른 사람이 사용하게 되는 것이 있어 있다. 그렇게 하게 되는 것이 되어 마리를 하는 것이 되었다. 그런 사람이 가는 그런		✓	
landscape?		NO	YES
			V
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Al	ea?	NO	YES
If Yes, identify:		V	
8. a. Will the proposed action result in a substantial increase in traffic above present levels?		NO	YES
		V	
b. Are public transportation service(s) available at or near the site of the proposed action?		V	
c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed ac	tion?	V	
9. Does the proposed action meet or exceed the state energy code requirements?		NO	YES
If the proposed action will exceed requirements, describe design features and technologies:			1
10. Will the proposed action connect to an existing public/private water supply?		NO	YES
10. Will the proposed action connect to an existing public/private water supply:		110	123
If No, describe method for providing potable water:		\checkmark	
11. Will the proposed action connect to existing wastewater utilities?		NO	YES
If No, describe method for providing wastewater treatment:		V	
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic		NO	YES
Places?		V	
b. Is the proposed action located in an archeological sensitive area?		V	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain	n	NO	YES
wetlands or other waterbodies regulated by a federal, state or local agency?			1
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres:		✓	
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check a Shoreline Forest Agricultural/grasslands Early mid-success		apply:	
☐ Wetland ☐ Urban ☐ Suburban			
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed		NO	YES
by the State or Federal government as threatened or endangered?			1
16. Is the project site located in the 100 year flood plain?		NO	YES
		1	
17. Will the proposed action create storm water discharge, either from point or non-point sources?		NO	YES
If Yes, a. Will storm water discharges flow to adjacent properties?		✓	
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drain If Yes, briefly describe:	ns)?		

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:	V	
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?	NO	YES
If Yes, describe:	V	
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?	NO	YES
If Yes, describe:	V	
I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE KNOWLEDGE Applicant/sponsor name: Brian Dimisko - Central Hudson Gas & Electric Corp Date: 13, 13, 13, 13, 13, 13, 13, 13, 13, 13,		OF MY



Part 1 / Question 7 [Critical Environmental No Part 1 / Question 12a [National Register of Historic Places Part 1 / Question 12b [Archeological Sites] No Yes - Digital mapping information on local and federal wetlands and Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies1 waterbodies is known to be incomplete. Refer to EAF Workbook. Part 1 / Question 15 [Threatened or Yes Endangered Animal] Part 1 / Question 16 [100 Year Flood Plain] No Part 1 / Question 20 [Remediation Site] No





VEHICLE TURNING ANALYSIS 1" = 20"

FORMO

LEGEND:	
c	PROPOSED GAS HAIN
	EXISTING GAS MAIN
	PROPOSED SET FENCE
t	PROPERTY LINE
—-не	HIGHWAY BOUNDARY LINE
	OVERHEAD WIRES
	EDGE OF SHOULDER (PAVEMENT)
	100 FT WETLAND BLIFFER
	FLAGGED WETLAND LINE
mmmm	TREELINE
000000000000000	STONE WALL
xx	FENCE

0 SURVEY HONUMENT 0 CATCH SATEL A HYDRANT W8-2. WETLAND FLAG AND LO NUMBER 0

CB = CATCH BASIN
DI = DINAIN INLET
SHH = SANITARY HANHOLE
EOA = EOGE OF ASPHALT
LF = UCHT FOLE
CD = CLEAN OUT
GN = GAS HETB.
CHYN = OMENERA WIRE
DN = B CHETB. WIRES
DN = B CHETB. WIRES
DN = B CHETB. WIRES
DN = B CHETB. BM = BLECTRIC METER FFE . FINISHED FLOOR ELEVATION CIP = CAST IRON PIPE CMP = COARLIGATED NETAL PIRE HOPE = HIGH DENSITY POLYETHYLENE CRS = CAPPED REBAR SET RYBS = REBAR TO BE SET

N 3'53'20" W 71.21" CAPPED ROD' MAINTENANCE ACCESS
OPENING TO REMAINING
LANCE OF CENTRAL
HUDSON GAS & ELEC \$ 13218" W CENTRAL HUDSON GAS & ELECTRIC CORP. B.643 P.163 S 8'48'40" H 127.37 PASTALL CHAIN LINK FENCING, SEE DETAIL (TYP) STABLIZED STONE CONSTRUCTION STONE CONSTRUCTION STANCE - EXISTING MP GAS HAIN 0808 N 8330'39" HOLE ROAD ABBREVIATIONS PROPOSED SHI GAS REINFORCEMENT UNE (TYP)

SITE PLAN

PROPOSED PRESSURE REGULATOR STATION

1" = 20"

OWNER/ APPLICANT

TAX LOT AND ADDRESS:

PARCEL # 57.017-1-38 339-349 BULLET HOLE ROAD

SITE AREA:

ZONING INFO & PROPOSED USE:

EXISTING ZONE "R" RESIDENTIAL ZONING DISTRICTS WITHIN 500 FT "R" RESIDENTIAL

PROPOSED CONDITIONAL USE: PUBLIC UTILITY - GAS HAIN
REGULATOR STE (PERMITTED MER
\$156-37 OF TOWN ZONING CODI

OFF-STREET PARKING/LOADING:

LIMITS OF SITE DISTURBANCE

WORK LIMITS DELINEATED ON THIS PLAN RESULT IN A HAXIMUM OF 4,500 SQ FT (0,103 AC) OF DISTURBANCE

MAP REFERENCE

GENERAL NOTES:

- WHENEVER THE CONTRACT REQUIRES HATERIALS TO BE REHOVED AND DEPOSED OF, THE COST OF SUPPLYING A DEPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE BID.
- THERE SHALL BE NO CLAIM AGAINST THE OWNER IMADE BY THE CONTRACTOR FOR WOOK PERTAINING TO MODIFICATIONS AN ANY BE REQUIRED DUE TO ANY DIFFERENCE BETWEEN ACTUAL RELD CONDITIONS AND THOSE SHOWN BY THE DETAILS AND DIFFERENCES ON THE CONTRACT PLANS.
- CARE SHALL BE TAKEN TO RETAIN NATURAL GROWTH AND PROPRIT DAMAGE TO TREES WITHIN AND OUTSIDE THE WHITS OF CONSTRUCTION AND NOT SCHEDULED FOR REMOVAL ANY DAMAGE CAUSED TO THE INSTURAL GROWTH SHALL BE RESTORED AT THE EXPERIE OF THE CONTRACTOR AS DIRECTED BY THE OWNERS REPRESENTATION.
- THE CONTRACTOR IS TO WRITTHE SITE BEFORE BEDDING TO GET FAHABARIZED WITH THE RISE CONDITIONS AND TO SLOGGE FOR PROFESSION OF DETECT AND MANUE OF THE WORM TO BE BEDDING TO BE SHOULD BE ALLOWED SECURE OF THE CONTRACTOR'S PAULIE TO RELIDED IN THERE BOLD ALL HOTHERS EQUIPMENT TOOLS AND TITPES WHICH IS REQUIRED TO PURNISH IN ACCORDANCE WITH THE CONTRACTOR DOCUMENTS.
- 3 ALL CONCRETE USED ON THIS PROJECT. UNLESS OTHERWISE SPECIFIED, SHALL BE DESIGNED WITH A COMPRESSIVE STRENGTH (fc) AT 28 DAYS OF 3600 POUNDS PER SQUARE INCH (gci).
- A PAVEMENT SHALL BE KEPT CLEAN AND FREE OF MUD AND DEBAIS AT ALL TIME.
- 7. NEARBY EXISTING DRAINAGE SHALL BE MAINTAINED AND OPEN AT ALL TIMES.

BULK TABLE

ZONE "N" RESIDENTIAL PROPOSED USE PUBLIC UTILITY CONDITION LUSE PROPRITED BY RIGHT, SECTION (SL-1)" OF TOWN CODE SUBJECT TO SITE

ZONING BULK TABLE					
REQUIREHENT	REQUIRED	DISTING	PROVIDED		
LOT AREA	129.000 SF	216.499 57	216.473 19		
LET COVERAGE	0 TO 15%	. N	2%		
LOT WIDTH	205 FT	VARIES AS FT PROINTAGE	VARRE AS FT PROMITAGE		
LOT DEPTH	200 FT	3.306 FT	3,300 FT		
FRONT YARD SETBACK	40 PT		NO PROPOSED ELECTRIC OR STRUCTURE		
SIDE YARD SETBACK	25 FT	-	NO PROPOSED SUBLIDING OR STRUCTURE		
REAR YARD SETBACK	40 FT	-	NO PROPOSED BUILDING OR STRUCTURE		
LANDSCAPING BUFFER	IDFT	-	IS FT TO WEST, S FT TO EAST		
HEIGHT	15 FY	-	7.97		
OFF-STREET PARKENG					

OF THE OR PART-THE EMPLOYEES REQUIRED FOR SITE SITE WILL ONLY BE ACCESSED FOR PERIODIC INSPECTION AND HANTENANCE DURING SUCH INSPECTIONS THE SIDE DRIVE CAN ACT AS OFF-STREET PARKING.

SOIL EROSION CONTROL NOTES

- ALL SOIL EROSION AND SEDMENT CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND HAINTAINED UNTIL PREMANENT PROTECTION IS ESTABLEMED.
- PERMANENT VEGETATION TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN FIVE (5) DAYS AFTER FINAL GRADING, MULCHING IS. REQUIRED ON ALL SEEDING.
- THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS REQUIRES THE INSTALLATION OF A STONE PAD. AT ALL CONSTRUCTION DRIVEWAYS. IN-MEDIATELY AFTER INITIAL SITE DISTURBANCE.
- UNREFERED DEWATERING IS NOT PRAMITTED TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER, ANY DEWATERING METHODS USED MUST BE IN ACCORDANCE WITH STATE STANDARDS.
- PAYENENT AREAS ARE TO BE KEPT CLEAN AT ALL TIMES ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAY WILL BE REMOVED INMEDIATELY
- ALL SOIL STOCKPILES ARE TO BE TEMPORABILY STABILIZED IN ACCORDANCE WITH THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR SOIL BROSION AND SEDIMENT CONTROL.

THEM LET MEILENTON, HEAR'S THAT ALLOS, ENTERBANCE ACTIVITIES HAVE CLOSED AND A IMPROME RESURBANA MEDITATRY COOK WITH A DOBBITT OF BRITTY AND REPORT OF THE PRIFE REPORTS SAMEA WAS SEEN STANDEDED ON OF THE CRANALEST CHANGED THAN EXCUSATE SUCH AS REPORTED LANDICASH, PILLOSES, SOCIES THE AND AN ANABEDICATION FOR SEEN APPLIED ON ALL DETURED MEASTHAT ASS. FOR COVERED THE PREMARKET STANDERS, CONCRETE OR A MANDER!

TOWN OF CARNEL PLANNING BOARD APPROVA

MASER 9

DANIEL A. FARNAN

SITE PLAN OF PRESSURE REGULATOR STATION

CENTRAL HUDSON



BLOCK 53.017 SECTION 38

PUTNAM COUNTY STATE OF NEW YORK

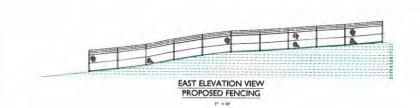


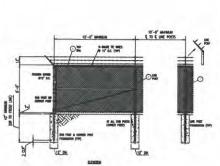


DIMENSION PLAN

1 of 2







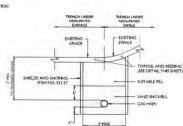
FENCING DETAIL

3" SHREDDED HARDWISC MUTCH IGSTOR BLACK! SALCE EN REPARED BACKFILL MID PLACE RODT BALL ON UNEXCAVATED ON TAMPED SOL

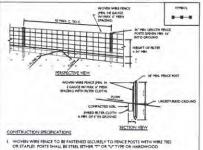
EVERGREEN TREE PLANTING DETAIL

PLANT DETAIL NOTES

- NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT, MULCH SHALL NOT TOUCH THE TREE TRUNK.
- 2 PLANTING DEPTH SHALL BE THE SAME OR HIGHER AS GROWN IN NURSERY
- WIRE BASKETS AND NON-JUTE BURLAP MUST BE ENTIRELY REPIOVED FROM THE ROOT BALL, JUTE BURLAP MUST BE REMOVED FROM THE TOP 1/3 OF THE ROOT BALL.
- S. CONTRACTOR SHALL PARTIALLY PEL WITH WATER A REPRESENTATIVE NUMBER OF PITS IN EACH AREA OF THE PROJECT PRIOR TO PLANTING TO DETERMINE IT THERE IS ADEQUATE PRECOLUTION. IF PIT DOESN'T PRICOLATE, PREGULER MUST BE TAKEN TO ASSURE PROPER DRAFMAGE BEFORE PLANTING.
- 4 FLANTINGS SUBJECT TO GUARANTEE CLAUSES WITHIN CONTRACT FOR WORK WITH CONTRACTOR AND THER SUBCONTRACTORS AT HIRMUN PLANTINGS SHALL BE GUARANTEE FOR NOE (I) PAIL GOOWING YEAR ROM THE THE OF RIVAL ACCEPTANCE BY CENTRAL HUDSON.
- 7 BACKFILL MINTURE TO BE SPECIFIED BASED UPON SOIL TEST AND CULTURAL REQUIREMENTS OF PLANT
- # PRUNE DAMAGED AND CONFLICTING BRANCHES HAINTAINING NORMAL TREE SHAPE, NEVER CUT CENTRAL TRUNK OR LEADER.







- 2. PILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. PENCE SHALL BE WOVEN WIRE. 12 I/2 GAUGE. 6" HAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY 3X HIGHES AND POLDED. FILTER CLOTH SHALL BE EITHER HERAFI 100X. STABILIZATION, OR APPROVED EQUIVALENT.
- 4. PREFABRICATED UNITS SHALL BE GEOFAB ENVIROFENCE OR APPROVED EQUIVALENT
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BULGES' DEVELOP IN THE SILT FENCE

SILT FENCE

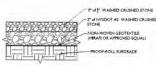
GENERAL SEEDING NOTES

- TEMPORARY SEEDING SHALL CONSIST OF PERENHAL RYEGRASS APPLIED AT A RATE OF LO LES PER 1000 SF OR SPENIG OATS APPLIED AT A RATE OF 20 LES PER 1000 SF TEMPORARY SECONS SHALL ES PULICHED AND HANTANNED UNTR. DISTURBED AREAS ARE PERHAMBUTLY STABILIZED WITH PERHAMENT SEEDING.
- PERMANENT SEEDING SHALL CONSIST OF THE FOLLOWING HIXTURE OR APPROVED EQUAL OPTIMUM SEEDING DATES ARE BETWEEN APRIL I AND MAY 31: AND AUGUST 16 OBER IS. MEXTURE - HARD FESCUE

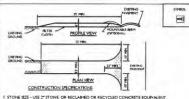
PERENIMAL RYE GRASS KENTUCKY BLUE GRASS (BLEND)

PEXTURE - TALL PESCUE PERENNAL RYE GRASS (BLEND) KENTUCKY BLJE GRASS (BLEND)

- PERMANENT SEEDING TO BE APPLIED BY RAXING OR DRILLING INTO THE SOILS AT A RATE OF ISON PER ACRE. SLOPED AREA TO BE COVERED WITH MULCH AS INDICATED IN NOTE 6.
- FEATULER FOR THE ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER SHALL BE IN COMPLIANCE WITH THE LATEST INTSDEC REGULATIONS. A SOIL TEST PRIOR TO FERTILIZER APPLICATION IS RECOMMENDED.
- IF SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY OR PERMANENT SEEDING. EXPOSED AREA TO BE STABILIZED WITH MILICH AS INDICATED IN NOTE 6.
- MULCH TO CONSIST OF SHALL GRAIN STRAW OR SALT HAY ANCHORED WITH A WOOD AND RIBE HAULCH BRUDER OR AN APPROVED EQUAL, HAULCH WILL BE SPREAD AT RATES OF WITO TO STREET BY RESO SEA ANCHORED WITH A FULCH ANCHORENE TOOL OF TO TO THE USE STREET BY RESO SEA AND SHALL BE PROVIDED ON ALL SEEDINGS HYDROPRACH SHALL ONLY BUSINDER, AND SHALL BE PROVIDED ON ALL SEEDINGS HYDROPRACH SHALL ONLY BUSINDER WISH DEPORTED HOR OF GRAIN SEASONS.
- WORK LINE AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 NOVEMBER OF EXPLOSION RELEASE FOR COSCIL AS RESOLUTED AS THE SUSTAINE EXPLOSION FOR THE SUSTAIN FO
- REMOVE FROM THE SURFACE ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION REMOVE ALL OTHER DEBRIE. SUCH AS WIRE CABLE TREE ROOTS PIECES OF CONCRETE CLOCK LIMPS OR OTHER UNSUITABLE MATERIAL.
- 9 INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED. THE AREA MUST BE RETILLED AND PRIMED AS ABOVE.



GRAVEL SURFACE DETAIL



LENGTH - NOT LESS THAN SOFFET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT HIND-RUM LENGTH WOULD APPLY).

3 THECKNESS - NOT LESS THAN SIX (6) INCHES

4. WIDTH - TWELVE (12) FOOT HEMITHEN BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS, TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.

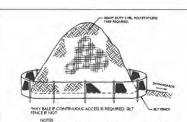
S. PILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PUPED ACROSS THE ENTRANCE IF PRING IS IMPRACTICAL A MOUNTABLE BERM WITH 5.1 SLOPES WILL BE PERMITTED.

7. MAINTENANCE - THE BYTRANCE SHALL BE HAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC NIGHTS-OF-WAY ALL SEDIMENT SPILED DROPPED WASHED OR TRACKED ONTO PUBLIC NIGHTS-OF-WAY HIST

B. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE

9. PERIODIC INSPECTION AND NEEDED HAIRTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE



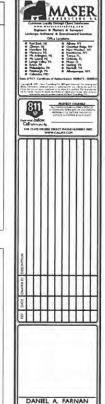
NOTES

I. AREA CHOSEN FOR STOCKPLING SHALL BE DRY AND STABLE

2. MAXIMUM SLOPE OF STOCKPLE SHALL BE 2.1 E UNON COMPLETION OF SOIL STOCKMING, EACH PILE SHALL BE SURROUNDED WITH BLT FENCING AND STABLEZED SEED AND MILLOH OR JUTE MESH. HAYBALES SHALL NOT BE USED BY PLACE OF SILT FENCE.

4. SE NYSDOT SPECIFICATIONS FOR INSTALLATION OF SET FINGE 5. SIZE OF STOCKFILE SHALL NOT EXCEED THE LIMITATIONS OF DIAMAGE AREA FER SET FINGE 6. INSTALL SELF FENCE AND/OR HAYEALES A HEMBRUM OF 2-0" FROM THE TOE OF THE STOCKFILE.

SOIL STOCKPILE DETAIL



SITE PLAN OF PRESSURE REGULATOR STATION

CENTRAL HUDSON



BLOCK 53.017 LOTI SECTION 38

TOWN OF CARMEL PUTNAM COUNTY





MADES MAN DAN

CONSTRUCTION DETAILS

of 2

TOWN OF CARHEL PLANNING BOARD APPROVAL

14 125 FI TOP COURSE HHA. BO SERIES COMPACTION ITEMNO. 402 (2810) RENFORCED PORTLAND II. 25 PS BRIDER COURSE HIMA, 80 SERIES COMPACTION ITEM NO. 402 258903 - 4" UFTS, 37.5 P) BASE COURSE HHA. 80 SERIES COMPACTION EXITING ONCRETE (OR HATCH EXISTING THICKNESS) ITEM NO. 402.378903 - EXISTING PAVENENT 12" SUBBASE COURSE TYPE II SHIELDS AND SHORING

GAS HAIN

TRENCH DETAIL - IN PAVEMENT

NOTES:

I. ONLY THE PROPOSED SUBGRADE FOR THE GRAVEL AREA AND THE ACCESS DRIVE SHALL BE PRODUCED.

PROJECT ROUTE DESIGN PLANS

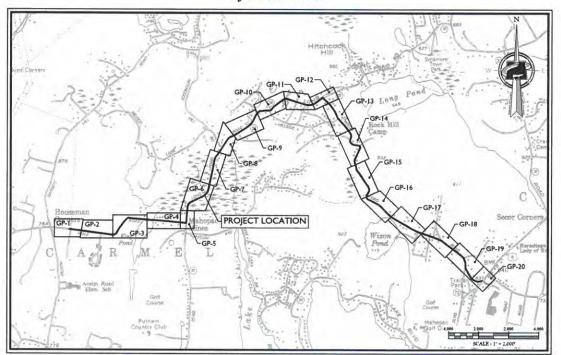
FOR

CENTRAL HUDSON GAS AND ELECTRIC CORP.

S-M LINE: GAS DISTRIBUTION REINFORCEMENT PROJECT

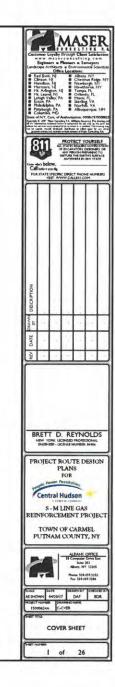
PROPOSED 10" STEEL GAS MAN & GAS REGULATOR STATION
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

JUNE 2017



PROJECT LOCATION MAP





GENERAL NOTES:

- PROJECT SHALL FOLLOW CENTRAL HUDSON GAS AND ELECTRIC CORP. GAS CONSTRUCTION AND MATERIAL STANDARDS.
- CONSTRUCTION AND MATERIALS SPECIFICATIONS; STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF BUSINESSING, DATE MAY, 1, 2008, WITH CURRENT ADDITIONS AND MODIFICATIONS.
- ALL SHOP DRAWINGS SUBMITTED FOR THIS PROJECT SHALL BE IN US CUSTOMARY UNITS
- WENEVER ITEMS IN THE CONTRACT REQUIRE HATERIALS TO BE REMOVED AND DISPOSED OF HE COST OF SUPPLYING A DEPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE COLUDED IN THE UNIT PRICES BUT FOR THEMS.
- THERE SHALL BEING CLAIM AGAINST CENTRAL HUDSON HADE BY THE CONTRACTOR FOR WORK PRITAINING TO HODBIRCATIONS AS HAY BE REQUIRED DUE TO ANY DIFFERENCE BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN BY THE DETAILS AND DIMENSIONS ON THE
- THE CONTRACTOR IS ADVISED THAT ADDITIONAL "NOTES" WILL BE FOUND ON SUBSEQUENT SHEETS OF THE CONTRACT PLANS AND SUCH "NOTES", WHILE PRETAINING TO THESE SPECIFIC SHEETS THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.
- NO ADDITIONAL PAYMENT WILL BE MADE FOR WORK CALLED FOR BY NOTES ON THE PLANS OR IN THE SPECIFICATIONS FOR WHICH NO ITEM NUMBERS IS INDICATED. THE COST OF SUCH WORK SHALL BE INCLUDED IN THE PRICES FOR VARIOUS TIETS OF THE CONTRACT.
- CARE SHALL BE TAKEN TO RETAIN NATURAL GROWTH AND PREVENT DAMAGE TO TREES WITHIN AND OUTSIDE THE LIMITS OF CONSTRUCTION, AND NOT SCHEDULED FOR REMOVAL, ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR IS TO YEIT THE SITE SEPONE BIDDING, TO FAHLBARGE THEMSELVES WITH THE FIELD CONDITIONS AND TO JUDGE FOR THEMSELVES THE EXTRIT AND NATURE OF THE WOOK TO BE DONN UNDERTHE CONTRACT ON DETAY, COMPRESSION WILL BE ALLOWED SECURIT OF THE CONTRACTORS FAULKE TO INCLUDE IN THEM SED ALL TIDES AND HATSBALL WHICH THEY ARE REQUIRED TO RUMBHEN BY ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- ALL CONCRETE USED ON THIS PROJECT SHALL BE DESIGNED WITH A COMPRESSIVE STRENGTH (Fc).
 AT 28 DAYS, OF 3000 POUNDS PER SQUARE INCH (pid)

SCOPE OF PROJECT:

- INSTALL ALL WORK ZONE TRAFFIC CONTROL (AS REQUIRED PER STANDARD NYSDOT), THESE PLANS AND PERHIT RESTRICTIONS
- 2. INSTALL PROPOSED GAS FACILITIES AND INSTALL SERVICES TO THE NEW GAS MAIN (AS
- 1. BACKRILL AND RE-PAVE TRENCH AS REQUIRED (SEE HISCELLANEOUS DETAILS AS PART OF THIS

ELECTRICAL SAFETY NOTE:

HIGH VOLTAGE AND/OR OVERHEAD ELECTRIC UTILITY WIRES HAY BE PRESENT WITHIN THE PROJECT LIMITS. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS WHILE WORKING IN

UTILITY QUALITY LEVEL NOTES:

FOUR SEPARATE QUALITY LEVELS OF SUBSURFACE UTILITY FACILITY INFORMATION ARE GENERALLY RECOGNIZED AND ARE AS FOLLOWS:

SUBSURFACE UTILITY FACILITY INFORMATION SHOWN HEREIN IS CONSIDERED. QLC

QUALITY LIVEL A (QLA): QUALITY LEVEL A B THE HIGHEST DEGREE OF ACCURACY THE INFORMATION SHOWN ON THE RAHM HAS BIRN OSTAINED BY THE ACTUAL EXPOSURE (ON VERBICATION OF REVISUALLY EXPOSED AND DUNYETED UTILITY FACILIEST OF USUALINFACE UTILITIES, USING CYTHICALLY INFORMALLY INTUSHE EXCANATION EQUIPMENT TO DETERMINE THE RECENT HORDOUTHAL AND WASTICAL RIGHTIONS. AT VIELL AS THESE OTHER UTILITIES.

COLUMN LENGT & QUE COLUMN LENGT ES THE SECOND REMAIT DEGREE OF ACCUPACY. THE INFORMATION INDOORS OF THE THE SECOND REMAIN THE COLUMN THE APPLICATION OF A APPLOPMENT SURFACE GEOFFRIGAL RETHORD IE. UNION THE COLUMN ACCUPACY OF THE TONG OUTLE TO, TO IDENTIFY THE OPERTHECK AND APPLOADERS OF THE THE APPLICATION OF SUBBURIAGE UTERTY FACURES QUALITY LEVEL B DATA ARE EMPRODUCEMENT UNIVERSITY OF COOPHYSICA AT ANY POORT OF THESE OPERSTON. THE REFORMATION HAVE SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO THE PLANS NO EXCAVATIONS WERE

QUALITY LEVEL C (QLC): QUALITY LEVEL C IS THE THIRD HIGHEST DEGREE OF ACCURACY, THE INFORMATION SHOWN ON THE FLANS HAS SEEN OFFANDE BY SURVEYING AND INCOTTING VIBILE ABOVE-ACOUND UTERLY REATURES AND BY USING PROFESSIONAL JUDGIFIENT IN CORRELATING THIS INFORMATION, (SHOWN AS QLC)

QUALITY LEVEL D. (QLD): QUALITY LEVEL D B THE LOWEST DEGREE OF ACCURACY, THE INFORMATION HOWNED NILES THE OFFICE OF ACCURACY, THE UNITED COMPANY RECORDS OR RECOLLECTIONS, (HOWN AS QLD)

NON-PAVED SURFACES NOTES:

- THE CONTRACTOR SHALL NOT EXPOSE ANY SUBGRADE THAT CANNOT BE BACKFILLED AND COMPACTED WITH SUBBASE MATERIAL BY THE END OF EACH WORK DAY OR AS APPROVED BY THE BYGINER. STEEL RATING WITH PINS AND NAMED EDGES IS ALSO ACCEPTABLE FOR
- COMPACTED SUBBASE MATERIAL SHALL NOT BE EXPOSED FOR MORE THAN SEVEN CALENDAR DAYS OR AS APPROVED BY THE ENGINEER

RESTORATION NOTES:

- ALL AREAS DISTURBED DURING TRENCHING AND WORK OPERATIONS MUST BE STABILIZED.
- ALL TRENCHING ACTIVITIES SHOULD BE BACKFILLED (OR STEEL PLATED WITH MINS AND EDGE RAMPING) AND TEMPORARLY STABLIZED AT THE END OF EACH WORK DAY.
- ALL TRENCHING IN PAVEHENT SHOULD BE SAWCUT PRIOR TO TRENCHING. PAVEHENT RESTORATIONS HAV REQUIRE ADDITIONAL CUTBACKS (ALSO AS DETAILED IN THIS SET) AFTER TRENCHING OFFERTION HAVE BEEN COMPLETED.
- ALL PAYED AREAS HUST BE RESTORED WITHIN A HINIHUM OF 4" TEMPORARY PAYING AT THE CLOSE OF EACH DAYS WORK.
- PERHAMENT PAYING MUST BE COMPLETED AT DAILY TEMPERATURES COMPLIANT WITH THE STANDARD SPECEFICATIONS.

TRENCHING AND INSTALLATION NOTES:

THE PROJECT REQUESTS THE PLACEMENT OF A PROPOSID CASE HAN TO BE PLACED ACMIGNED AND THE WORLD HAVE THE ADJUSTMENT AND THE HONOWAY (ANDER PRESECTION ROADWART AND DEPREVANT). THE PROPOSITION THE PROPOSITION OF THE PROPOSITIO

MEDRIM NATURAL GAS OPER PRESS. 120 PSIG

ALL GAS WORK SHALL BE PERFORMED TO CENTRAL HUDSON GAS AND ELECTRIC CORPORATION STANDARDS OPERATING AND HARMFENANCE FLAM AND GAS CONSTRUCTION. THE CONTRACTOR SHALL PERFORM ALL TESTING ON THEY GAS PERFOR INCLUDING INSTALLATION OF ANY INCESSARY TESTING RICES UNDER THE DRECTION OF A CENTRAL PROPORTION GAS AND ELECTRIC CONFORMATION REPRESENTATION.

- ALL PROPOSED PIPES SHALL BE PLACED AT THE APPROPRIATE DEPTHS SHOWN ON THE GENERAL PLANS, DETAILS AND APPROVED BY THE HIGHWAY PERMIT, MINIMUM SEPARA GRIPBAL RANK, DETAILS AND APPROVED TO THE RIGHWAY REMIT! HIMPHUS SEARCH OF 1-17 HORIZON AND RICH TO VESTICAL FROM SETTING LINDERGROUND UTILITIES (INCLUDING DISTING TO DISTINATE OF ANY LOCATION OF THE THE HARMAND AT ALTIHON USE CONSTRUCT ON THE CONTROL CONTINUED TO THE CAPTURE CAPTURE IN ALL THE CAPTURE OF THE CAPTURE CAPTURE
- ALL TRENCHING ACTIVITIES SHOULD BE BACKFILLED (OR STEEL PLATED WITH MINS AND EDGE RAMMING) AND TEMPORARLY STABILIZED AT THE END OF EACH WORK DAY.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN ACCESS TO ALL PROPERTIES AT ALL THIES. WORK SHALL BE SCHEDULED AND PROGRESSED TO ALLOW FOR EMERGENCY VEHICLE ACCESS AT ALL TIMES
- ALL TRENCH DEPTHS, COMPACTION, AND SACKESS HATERALS SHALL BE AS NOTED BY TRENCH DEPTHS. ALL SACKESS HATERALS SHALL COMPONE TO INTIDOT STANDARDS (AND AS DETAILED IN THIS FLAN IST/AND AS OBTAINED FROM APPROVED INTIDOT SOURCE. HATERALS TICKEST ARE REQUIRED TO BE SUPPLIED TO CENTRAL HUDSON AT THE
- ALL EXCAVATIONS REQUIRE A MEANS OF INGRESS AND EGRESS NO MORE THAN 25'-0' ALL DICKNATIONS REQUES A HEAM OF INCRESS AND SCRESS NO MORE THAN 13:0"
 APART. LODDES USED TO SITEST THERE SEQUEMENTS HULT DETEND A HISBAULH OF
 42" ABOVE CRADE. EXCANATIONS 3:0" OR MORE IN DEPTH SHALL SE MOTICTED BY MEANS
 OF SHEETING AND SHORTERS. EMPORISED OR SLOPENS ACCORDING TO ORD
 ALL TRENCH EXCANATION PROTECTION SYSTEMS SHALL REET THE
 REQUEREMENT OF OWAR REQULATION.
- THE CONTRACTOR MAY BE INSTRUCTED TO INSTALL TRENCH BREAKS ALONG THE GAS PIPE TRENCH ANYWHERE THE TRENCH EXCEEDS SY. GRADE TO MINIMIZE FLOW ALONG THE PIPELINE
- WHERE TRENCHING LIES WITHIN EXISTING SWALES, PROPER DEPTH SHALL BE MAINTAINED BELOW THE BOTTOH OF THE SWALE. THE CONTRACTOR IS REQUIRED TO MAINTAIN SWALE ROW AT ALL TIMES IN A MANNER TO PRECLUDE ROW PROH ENTERING ONTO THE TRAVEL LANE.
- ANY DRAINAGE STRUCTURES OR PIPES DAMAGED IN THE COURSE OF CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER OR REGULATORY
- ALL UTILITIES ENCOUNTERED DURING TRENCHING OPERATIONS SHALL BE PROTECTED AND YOUR BE RECOVERED, AND SATEFACTORALY SACKFREED ACCORDING TO THE UTILITY OWNERS REQUIREMENT. SHOULD ANY UTILITY DAMAGED BY THE CONTIGOR TO THE UTILITY DAMAGED BY THE CONTIGOR TO UTILITY DAMAGED BY THE CONTIGOR TO UTILITY DAMAGED BY THE CONTIGOR TO UTILITY DAMAGED BY THE CONTIGOR THE UTILITY SHALL BE NOTIFED PHYLORITY OF OVERSEE OR EFFECT REPAIR. TRENCHING THE FLACHBUT AND BACKFREED PRETAINORS SHALL BE OVERFORD THE OWNER OF ANY INCESSION.

HORIZONTAL DIRECTIONAL DRILLING NOTES (IF NEEDED):

- CONTRACTOR SHALL BE FAMILIAR WITH THE WORK AREA AND THE REQUIREMENTS OF THE
- CONTRACTOR SHALL HONITOR AND RECORD THE FIPE ALIGNMENT AND DEPTH READINGS ALONG THE DRILL PATH.
- CONTRACTOR SHALL MAINTAIN DRELING FLUID CIRCULATION THROUGHOUT THE DRECTIONAL DRELING PROCESS. ALSO SHALL MOINTOR FLUID MESSURE AND LENGTH OF SORE FOR ANY PRACK-OUT! OF DRILLING FLUID. CONTRACTOR SHALL SUBHIT
- CONTRACTOR SHALL PLAN THEIR REAHING AND PULLBACK OPERATIONS TO ENSURE THAT, ONCE STARTED THEY CAN BE COMPLETED WITHOUT STOPPING AND WITHIN THE WORK
- CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT OIL AND DRILLING RUID SPILLS USING ENVIRONMENTALLY PRIENDLY MATS AND OTHER ACCEPTABLE METHODS. EXCESS DRILLING RUID SHALL BE CONFINED IN A CONTANMENT HT UNTEL RECYCLED OR REMOVED FRON THE SITE.
- CONTRACTOR TO ENSURE THAT ACCEPTABLE NOISE LEVELS ARE NOT EXCEEDED DURING THE DRILLING AND PULLBACK OPERATIONS.
- CONTRACTOR TO USE SHIPS TO INSURE SAFETY AND PROTECTION ON THE JOB SITE. REFER TO HORIZONTAL DIRECTION DIRELING PROCEDURES DEVELOPED BY THE NASTT HOD CONSORTUM, JOB, JOB 160 RUSTHER SETALS.
- CONTRACTOR TO ENSURE THAT TENSILE LOADS EXERTED ON PIPING DO NOT EXCEED SAFE LEVELS SPECIFIED BY THE DESIGN ENGINEER.
- SENDING AND RECEIVING MTS SHALL BE LOCATED IN UNPAYED AREAS, UNLESS BOUNDARY RESTRAINTS DEEM OTHERWISE
- ALL OTHER UTILITIES, RUNNING PARALLEL (OR PERPENDICULAR) TO THE DIRECTIONAL DRILLING MUST BE LOCATED VISIBLY PRIOR TO THE START OF THE DRILLING.
- CONSTRUCTION DRAWNIGS, SHOWING THE PROPOSED METHOD AND PROCEDURE OF TRANCHESS INTRILLATION, CONSTRUCTION OF ENTRANCE AND DET PITE AND GORDOLL OF ACTIVITIES ROQUER OF PROPORM ALL TRANCHESS INSTALLATION NOCKTE OR THE CONTINCT DOCUMENTS BALL AS SUMMITTED TO THE ENGINEER FOR AMPOVAL BEROW WORK OF THE TRANCHESS INSTALLATION OPPEATIORS IN THE COMMERCE HALL PROPERTIES AND OF TRANSHIPS OFFICIAL STORY SECTION AS THE COMMERCE HALL FOR THE CAMPO OF REQUIRED.
- PER THE "REQUIREMENTS FOR THE DESIGN AND CONSTRUCTION OF UNDERGROUND UTENT WISTALLATIONS WITHIN THE STATE HIGHWAY RIGHT-OF-WAY!" CASING PIPE (IF REQUIRED) SHALL HEET THE FOLLOWING SPECIFICATIONS REQUIREDS HALL
- STEEL PIPE ASTH (39. GRADE 8 (OR EQUAL), 35,000 PSI MINE YELD STRENGTH

WORK ZONE TRAFFIC CONTROL GENERAL NOTES:

- THE CONTRACTOR SHALL HABITARY TRAFFIC THROUGHOUT THE LINGTH OF THE CONTRACT IN ACCORDANCE WITH THE REQUIREMENT OF SECTION 4.15 THE CONTROL HABITARY OF SECTION 4.15 THEORY REACH FLOWNY, THE WASHING FOR WORK ZONE TRAFFIC CONTROL HABITARY FOR ALL MOJECT, THE HABITARY OF MOVER THEORY THAT THE CONTROL DEVICE HUTCHOO WITH THE REVY TOWN SUMPLIEST. THE THROCASY TRAFFIC CONTROL DETAILS IN THE FLAVE AND PROPOSAL OF THE CONTRACT, AND AS ORDING THE THEORY OF THE CONTRACT AND AS ORDING THE THROUGH THE CONTRACT.
- FOR TYPICAL APPLICATIONS OF TRAFFIC CONTROL DESCRIP FOR THE ALL AND SECTION OF THE PROPERTY OF THE
- EDADWAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES
- ALL PAVENENT AND NON-PAVENENT AREAS TEMPORARSLY CLOSED FOR TRENCH, OR CONDUIT EXCAVATION OR EXCAVATION REQUIRED FOR ALTERING DISTING UNDERGROUND UTILITIES AND/OR DRAINAGE STRUCTURES SHALL SE REOPENED AT THE END OF THE WORK DAY.
- THE CONTRACTOR HUTE SUBHIT TO THE BIGNIER, IN WRITING, PROPOSED REVISION TO THE TRAFFIC CONTROL PLAN FOR RAWLY AND AMHOVAL BY REVISION TO THE TRAFFIC CONTROL PLAN FOR RAWLY AND AMHOVAL BY NOTION TRACHO-POWER, FOR (8) WORD CONTROL FOR RAWNING PRICEPART FOR CHANGE THAT ALTO THE SUBHIT OF THE TRAFFIC PROPOSED REVISION EXCEPT FOR CHANGE THAT ALTO THE TOP OF THE TRAFFIC CHANGE IN SCOPE HUTE SE QUENTIFIED TO THE RECORDER FOR APPROVAL BY THE RECORDING. DESCRIPTION OF THE PROPOSED RECORD THE PROPOSED RECORDER FOR APPROVAL BY THE RECORDING. HPLEMENTATION FOR SUCH REVISIONS
- THE CONTRACTOR SHALL PROVIDE THE INSTRUMER, IN WITHING, WITH THE MANIES, ADDRESSES AND TREATMENT MINIBERS OF THEM WISO AND ALMER AND TO SECURE LANCK, MATERIALS, AND TOURTHON FOR SHERGINGY EXPANSE OUTSIDE NORMAL WORKING HOURS. THE DESIGNESS WALL PROVIDE THE SUMMITTED INFORMATION TO RESIONAL HANAGEMENT WILL PROVIDE THE SUMMITTED INFORMATION TO RESIONAL HANAGEMENT THE RINGY HOUSE STATE FOLICE. THE RESIDENT EMERGEM, AND THE LOCAL
- THE WORK ZONE TRAFFIC CONTROL TYMCALS SHOWN (TAST-CIUL, CIUL, CIUL, CI, AND TAG-CEL), ARE CONTAINED IN THE INSDOT WORK ZONE TRAFFIC CONTROL MANUAL, FEBRUARY 2015, AND APPLY TO ALL PROJECTS

GENERAL WETLAND NOTE:

THE WETLAND FLAGGING AND LOCATIONS WERE DELINEATED BY MASER CONSULTING ON NOVEMBER 18 & 22, 2016 AND DECEMBER 2, 2016.

Table of Crossings								
et No.	Crossing No.	Station	Туре	Reason for Crossing				
3	1	0+25	90°7\wn	Crossing into Regulator Station				
4	2	18:00	30°Turn	Crossing to avoid a Centerline Property				
7	3	41 ecc	90°7un	T-Intersection Creating				
10		65 icc	90"Pen	Crossing to Avoid Wedands 7 Centerline Property				
10	. 5	70.75	aline with Allgoment	Side Road Crossing				
1.1	4	87.75	inline with Allgarous:	Side Road Crowsing				
12	7	92+50	(nilline set th. A) gorment	Side Road Consting				
13	. 8.	39150	ag. gata	Cressing to avoid a Narrow NOW				
13	9	101475	Infine sit th Alignment	Side You'd Crossing				
U	10	106+85	reline with Alignment	Side Road Crossing				
14	-831	113400	90° Furn	T-Intersection Crassing				
13	13	121+00	infine with Alignment	Side Road Crossing				
16	13	130+25	Inline with Algorett	Side Road Crossing				
18	14	175+50	reline with Alignment	Side Road Crossing				
20	- 25	180+00	infine with Alignment	Side Road Crossing				
21	-16	197+00	45" Turn	Intertwes on Crossing				
21	12	203+00	90" Turn	Recel Series About				

Length of Piping	Length of Open Trench	Length of Directional Boring	Tranching
\$5.1	(7)	gru	07
20,436,00	20.096.60	400.00	3.00
	Land D	disturbances:	
Trenching	Reg. Station	Spoils Reas	Studing Area
(Acres)	(Acres)	(Acres)	(Acres)
1.380	0.101	0.000	0.000
otal Aree of t	and Distarbance:	Les	Acres

				Table o	f Trench Lo	cations	
Sheet No.	Station to Station		Located	Length (FT)			
Jirees No.	Start	End	install under:	Turf	Pavement	Road	Reason for Under Pavement
3.	0+00	0-25	NOW Tart	25		But et Hole Road	
3	0+25	0-50	Pavement.	-	25	Bullet Hole Road	Crossing
3 to 4	0+50	5-00	NOW Turf	450		Ballet Hole Road	
4	5+00	8+00	Pavement		300	Bull et Hole Road	Wetland Avoidance
4 to 5	B+00	28+00	NOW TJH	2000		Ballet Hole Road	
6	28+00	28+30	Pavement		50	Bailet Hole Road	Crossing
6	28-50	32+50	RCW Turf	400		Bullet Hole Road	
6	32+50	42-30	Pavement		980	Bullet Hole Road	Narrow ROW & Center line Property Avoidance
6 to 7	42+30	51+50	ROW Turf	920		Hill Street (CR32)	
8	51-50	54475	Pavement	-	325	Hill Street (CR32)	Wesland Arcidence
8 to 9	54+75	58+75	ROW Turf	400		Mill Street (CR32)	
9	56-75	69-00	Pavement		1025	Hill Street (CR32)	Narrow ROW & Wetland Avoidance
10	69-00	78+75	NOW Turf	475		H H Street (CR42)	
10 to 11	73-75	80450	Pavement		675	Long Pand Rd (CR32)	Wetland Avoidance
- 11	80-50	83+25	NOW Tarf	275		Long Porel Rd (CR32)	
11	81-25	87+50	Pavenest		425	Long Pond Rd (CR32)	Wetland Avo dance
11 to 13	87+50	99+50	NOW Turk	1200		Long Pond Rd (CR32)	
13	99-50	108450	Pavenent		900	Long Fond Rd (CR32)	Crossing, Narrow ROW
13 to 14	108+50	113+00	NOW Turf	450		Long Pond Rd (CR32)	
14 to 17	113-00	144-06	Pavement		3100	Wixon Pond Rd	Narrow ROW
17 to 18	144-00	164+25	NOW Turl	2025		Wistin Print Rd	
16 to 20	164-25	157+00	Pavement		2275	Wison Fond Rd	Nerrow BOW & Wetland Avoidance
20	187-00	190400	RCW.Turf	300	1	Wison Fond 8d	
20 to 21	190+00	198+00	Pavement		800	Wison Pond Rd	Narrow ROW
21 to 22	198-00	203+50	ROW Turl	550		Coaney Road	
22	203+50	204+00	Pavernest		50	Cooney Road	Eronsing .
22	204-00	204+36	ROW Turf	36		Route 6	
	Total (ft.):	20,436		9,506	10,930		

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BRETT D. REYNOLDS PROJECT ROUTE DESIGN

PLANS FOD. Possibilities Central Hudson

S.MIINE GAS REINFORCEMENT PROJECT

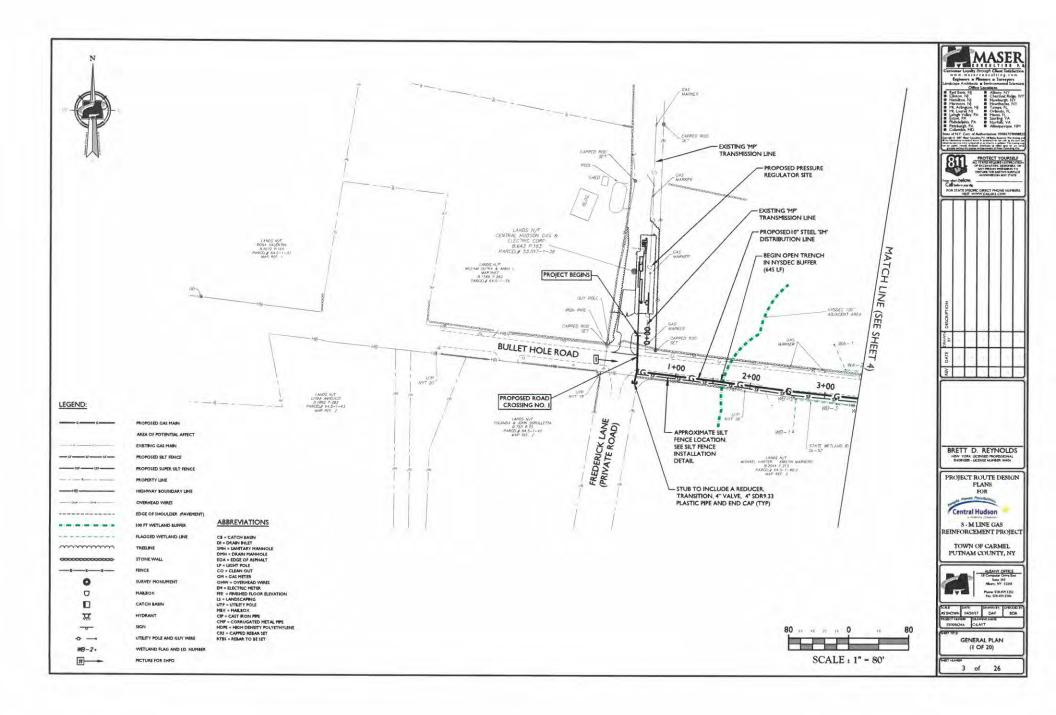
TOWN OF CARMEL PUTNAM COUNTY, NY

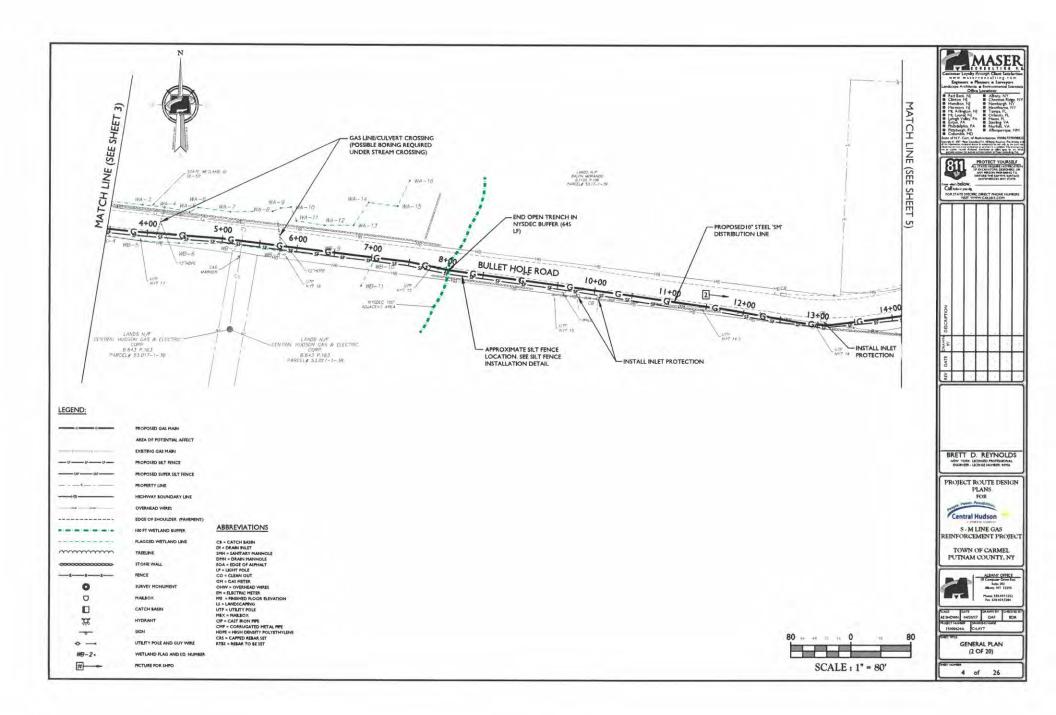


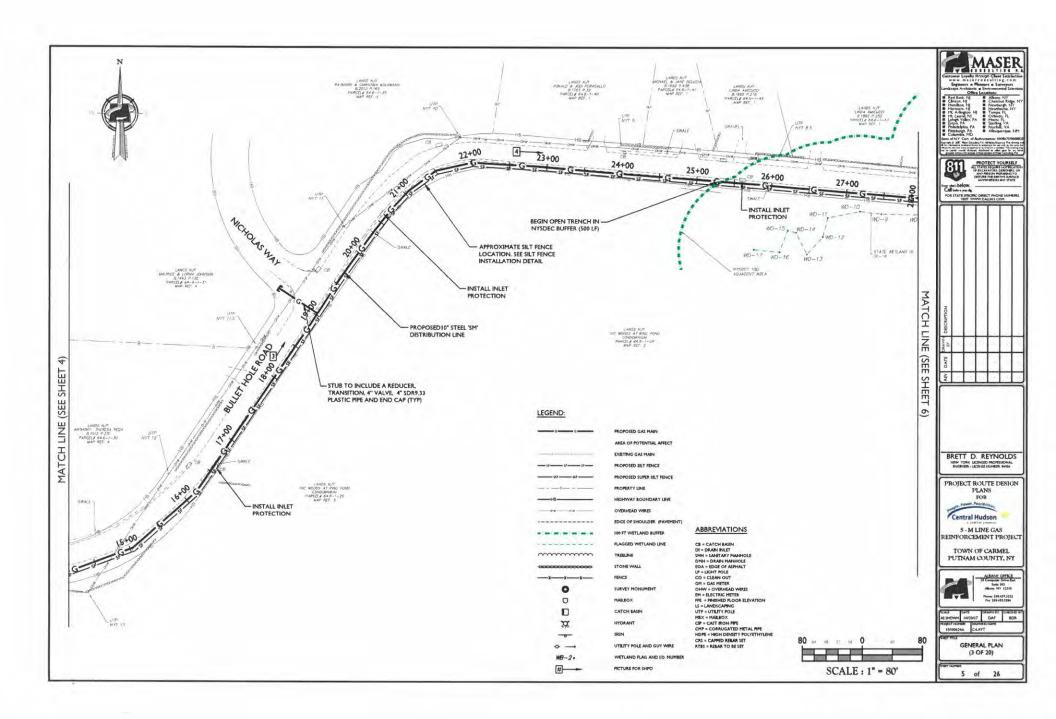
Mate 293 Alberty, NY 12205 Phone: 510-659.3252

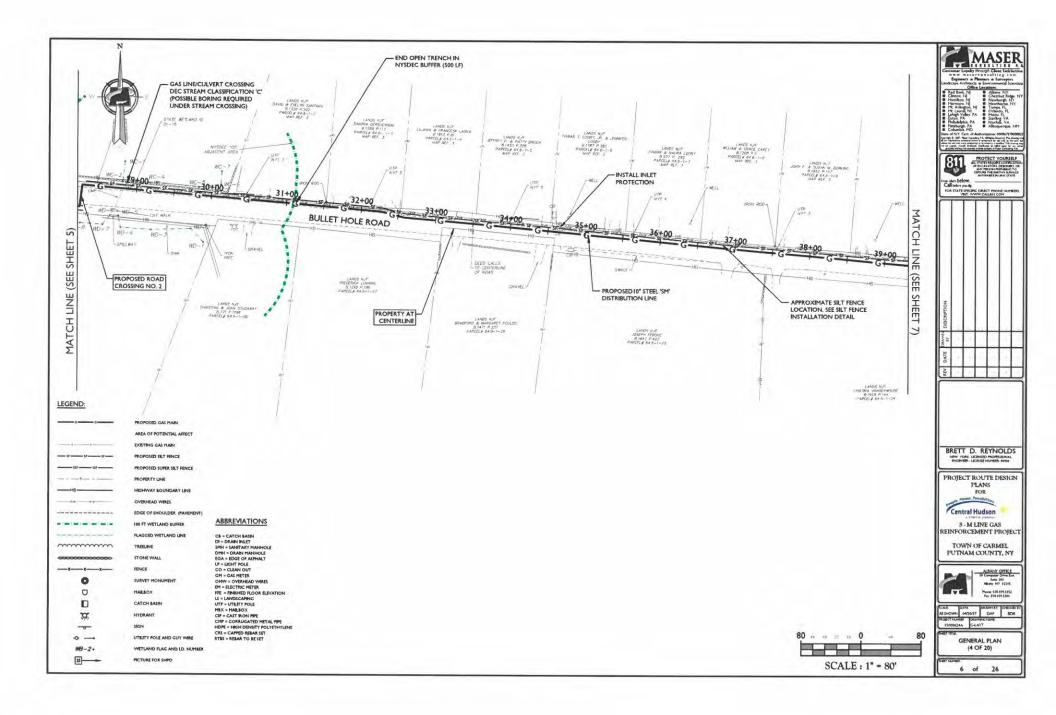
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GENERAL NOTES













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W8-2.

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PROPOSED GAS MAIN AREA OF POTENTIAL AFFECT PROPOSED SET PENCE PROPOSED SUPER SELT FENCE PROPERTY LINE HIGHWAY BOUNDARY LINE OVERHEAD WIRES 100 FT WETLAND BUFFER FLAGGED WETLAND LINE mmmmm TREELINE STONE WALL

FENCE

WETLAND FLAG AND LD. NUMBER

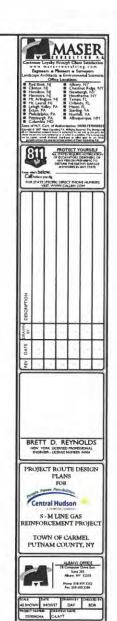
PICTURE FOR SHIPO

CB - CATCH MAIN
POP PARK NET
1914 - SANTAKY MANOLE
DHH - DRAIN HANNOLE
1904 - SANTANIA
1904 - COPRIGATION HANNOLE
1904 - COPRIGATION
1904 - COPR HARBOX CATCH BASIN HYDRANT UTRITY POLE AND GUY WIRE

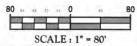
ABBREVIATIONS

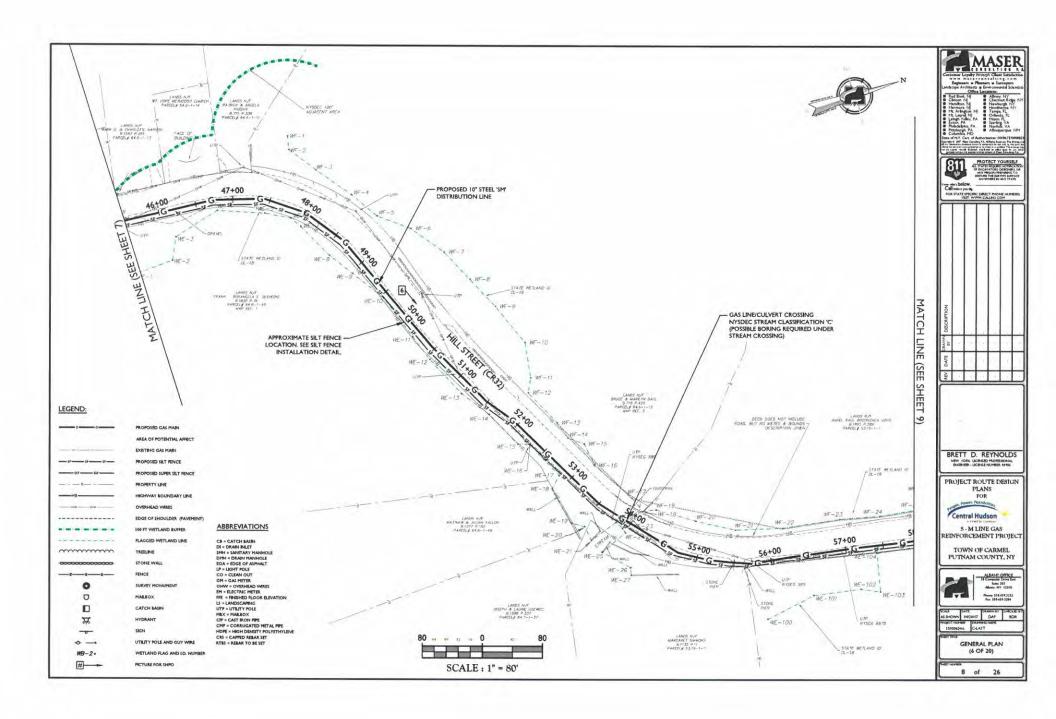
CB = CATCH BASIN

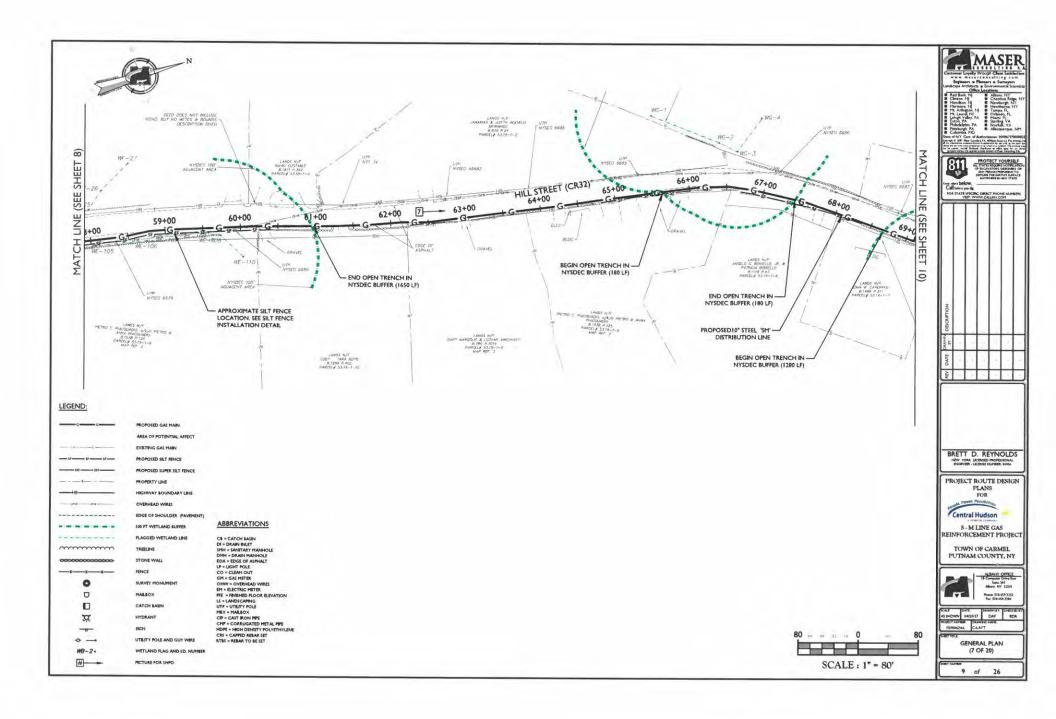
MATCH LINE (SEE SHEET 8) 44+00 ASSUMED ROAD_ BEGIN OPEN TRENCH IN NYSDEC BUFFER (1650 LF) HILL STREET (CR32) PATROCK 3 ANGELA MIGGINS B.715 F. LSA FARCEL & SA 6-1-11 9 MATCH LINE (SEE SHEET APPROXIMATE SILT FENCE LOCATION. SEE SILT FENCE INSTALLATION DETAIL 5 PROPOSED 10" STEEL 'SM' 42+00 DISTRIBUTION LINE STUB TO INCLUDE A REDUCER. TRANSITION, 4" VALVE. 4" SDR9.33 PLASTIC PIPE AND END CAP (TYP) G HOLLET HOLE ROAD -41+00 INSTALL INLET PROTECTION PROPOSED 10"-VALVE PROPOSED ROAD CROSSING NO. 3

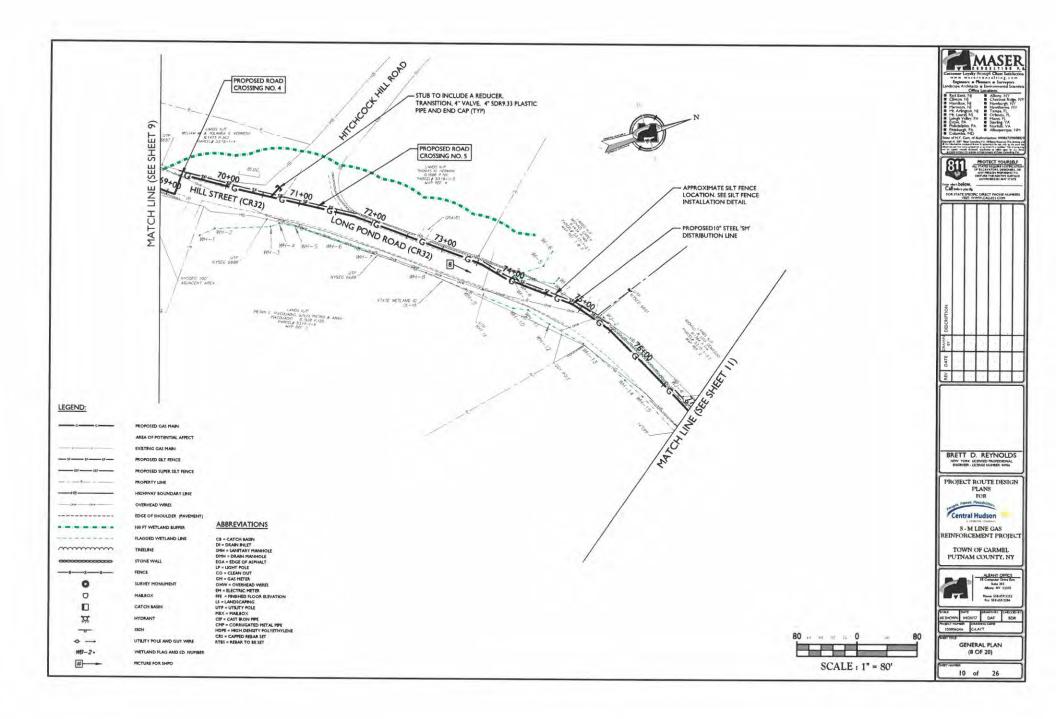


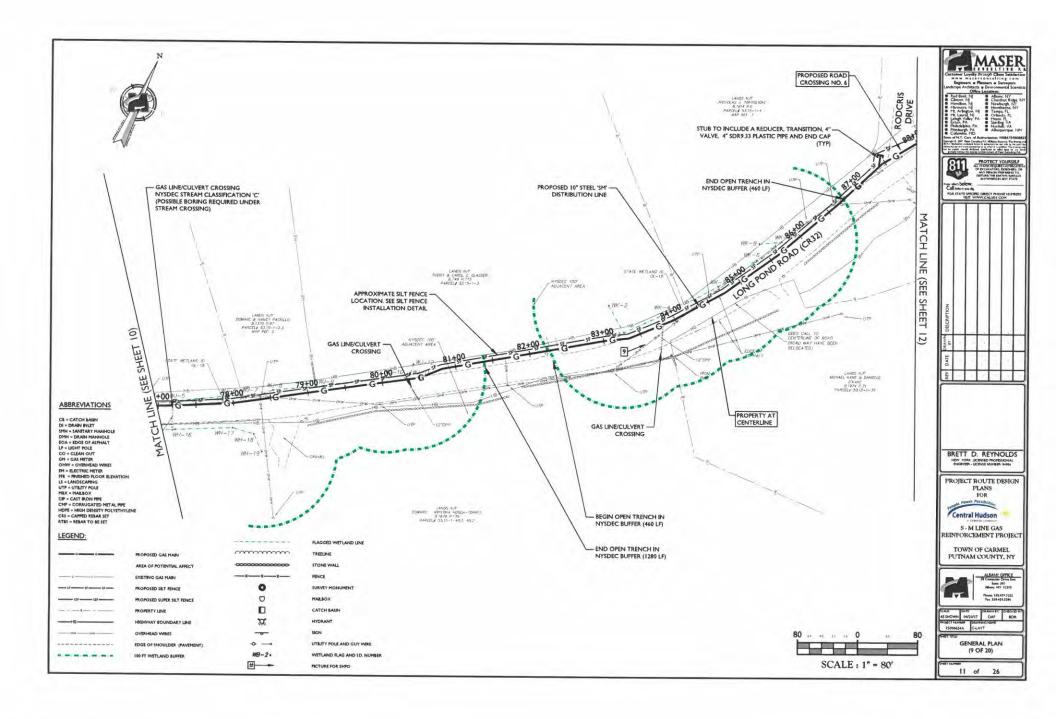
GENERAL PLAN (5 OF 20)

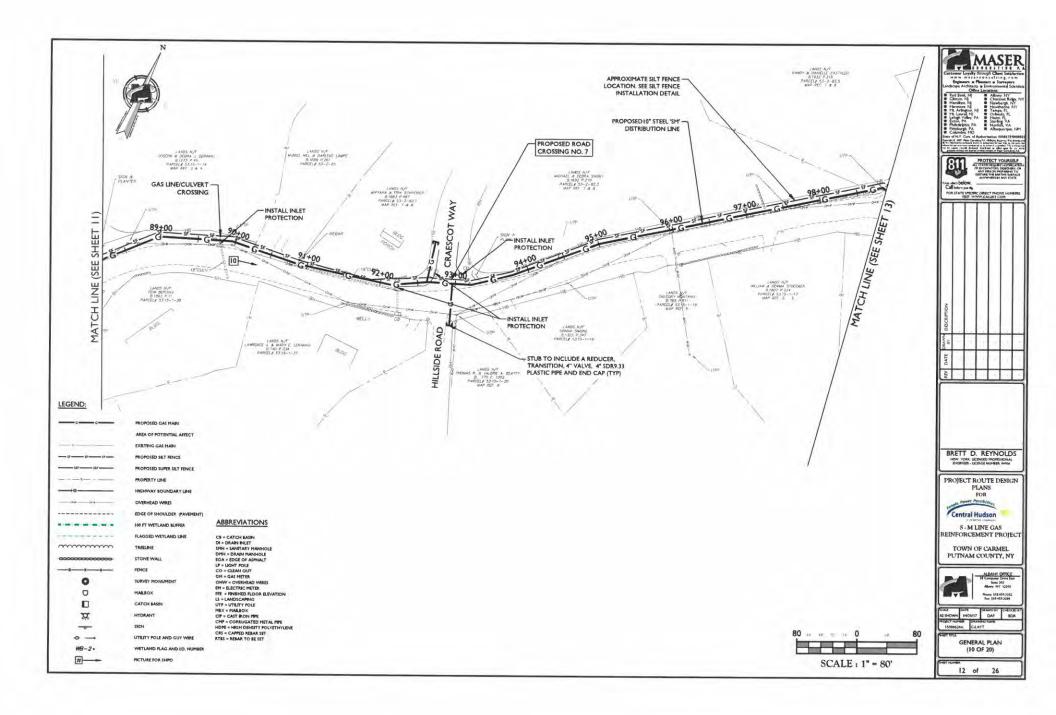


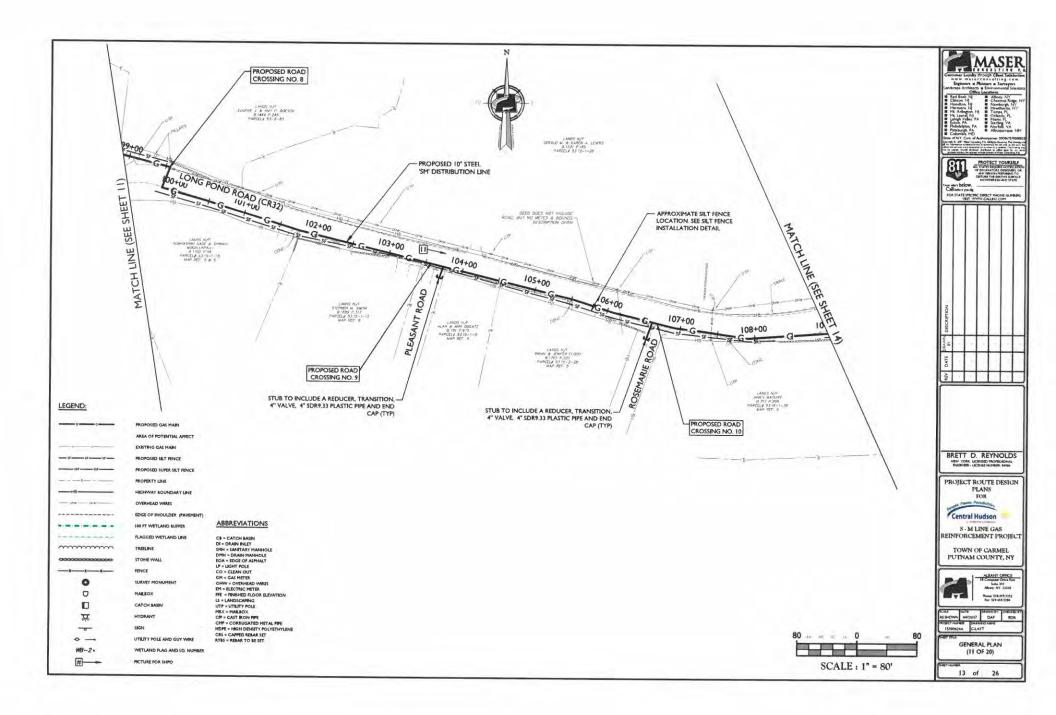


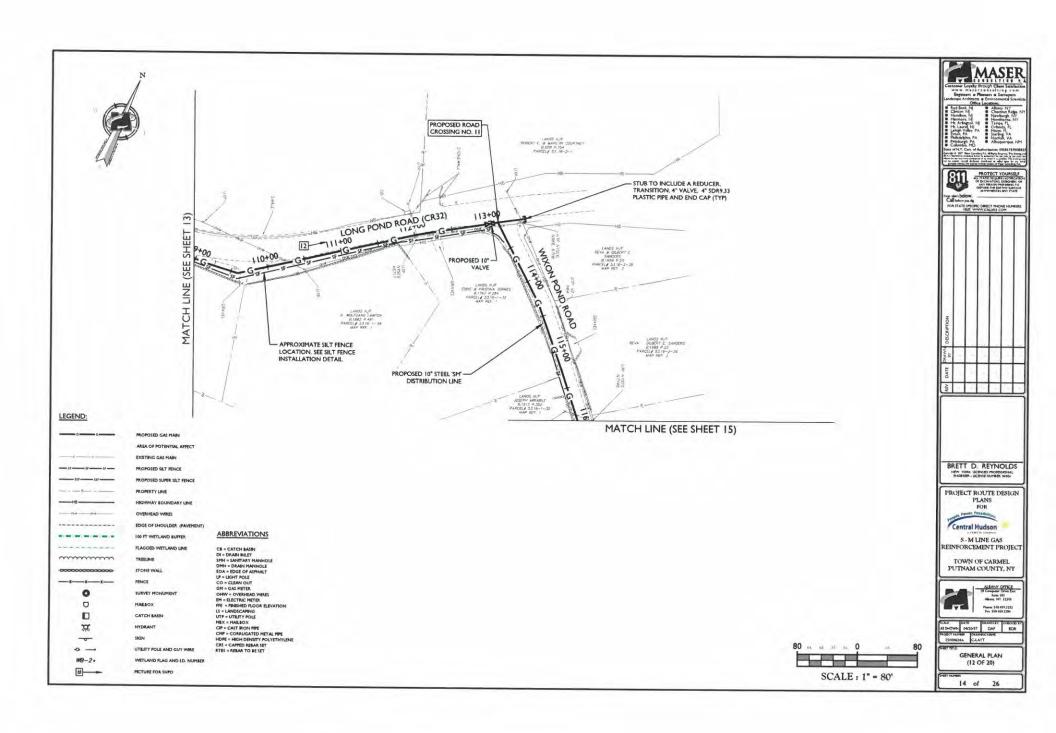


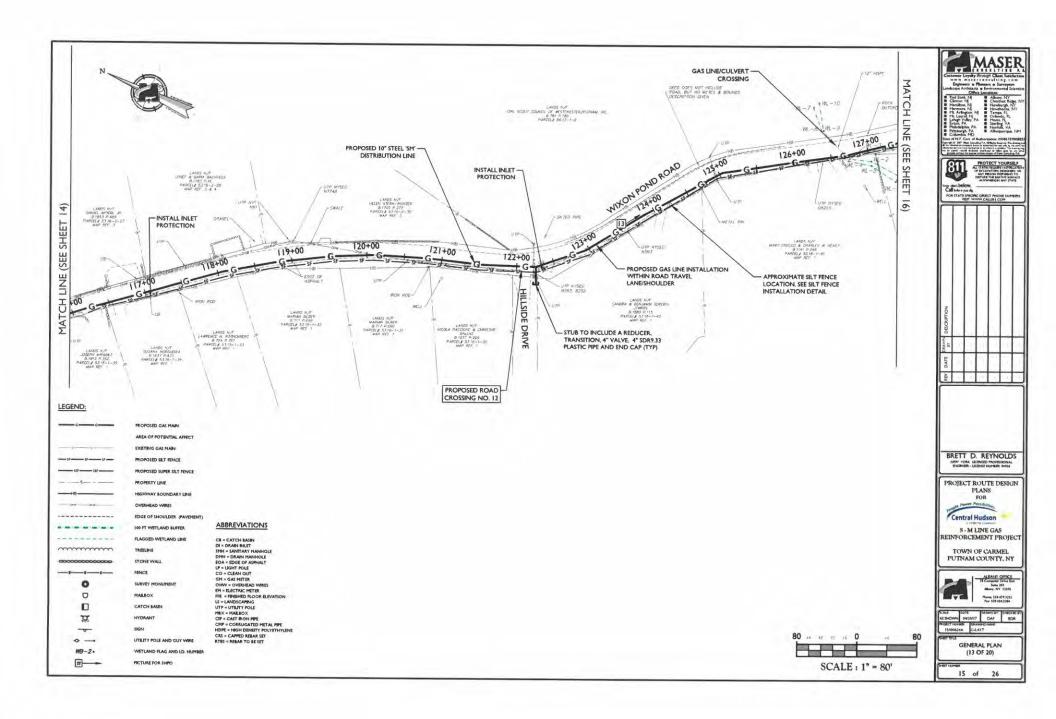


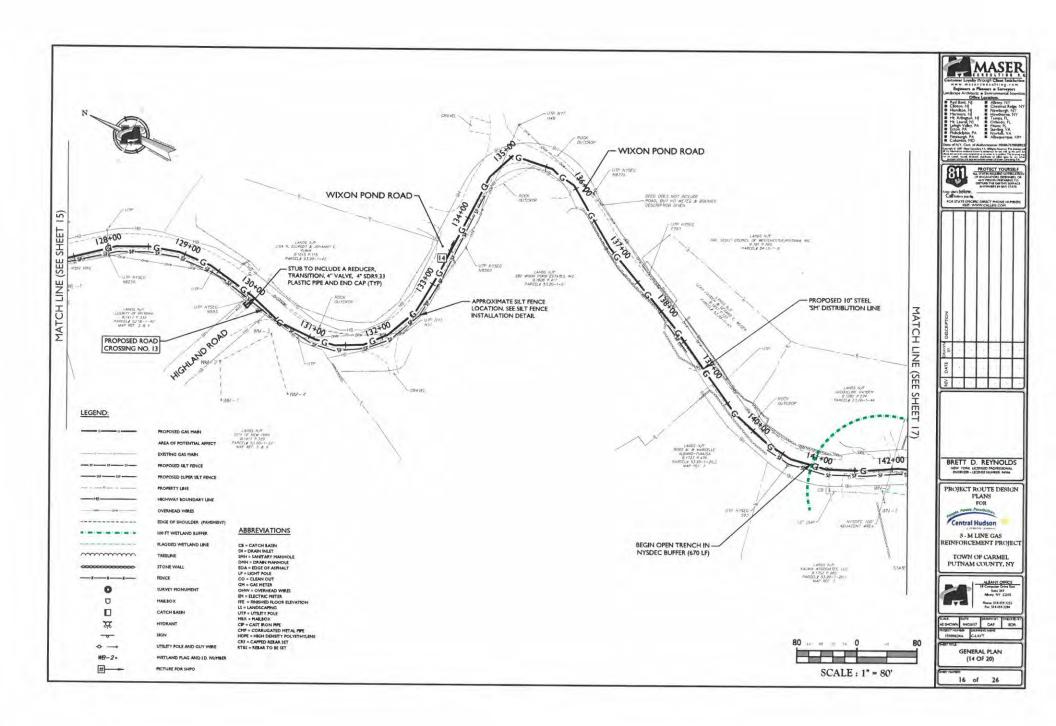


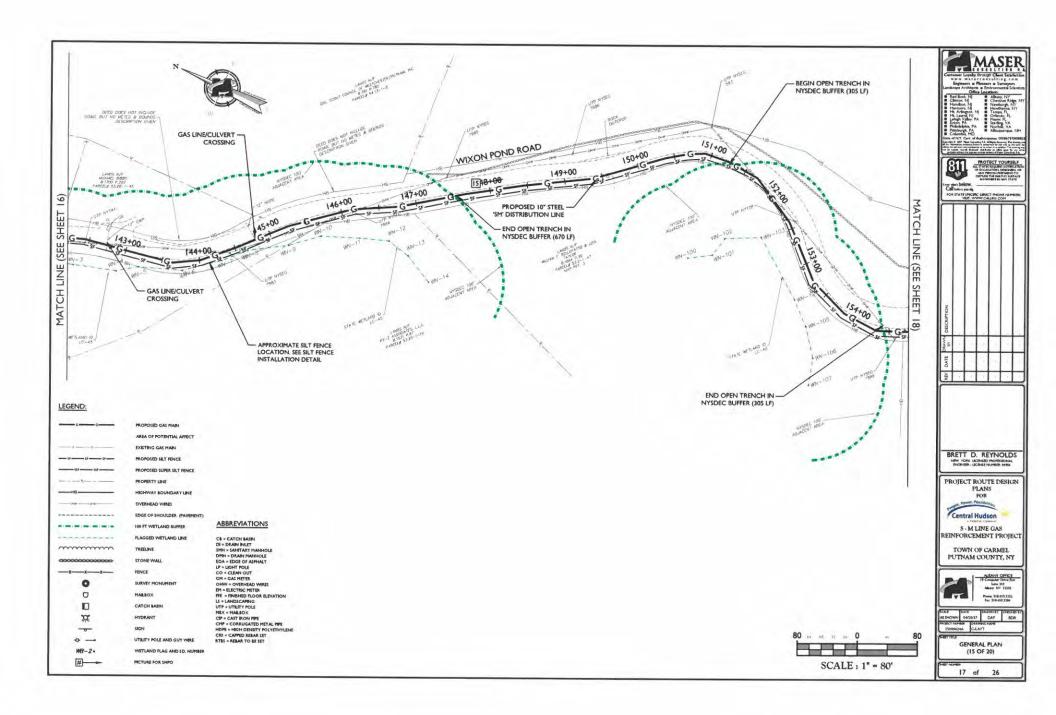


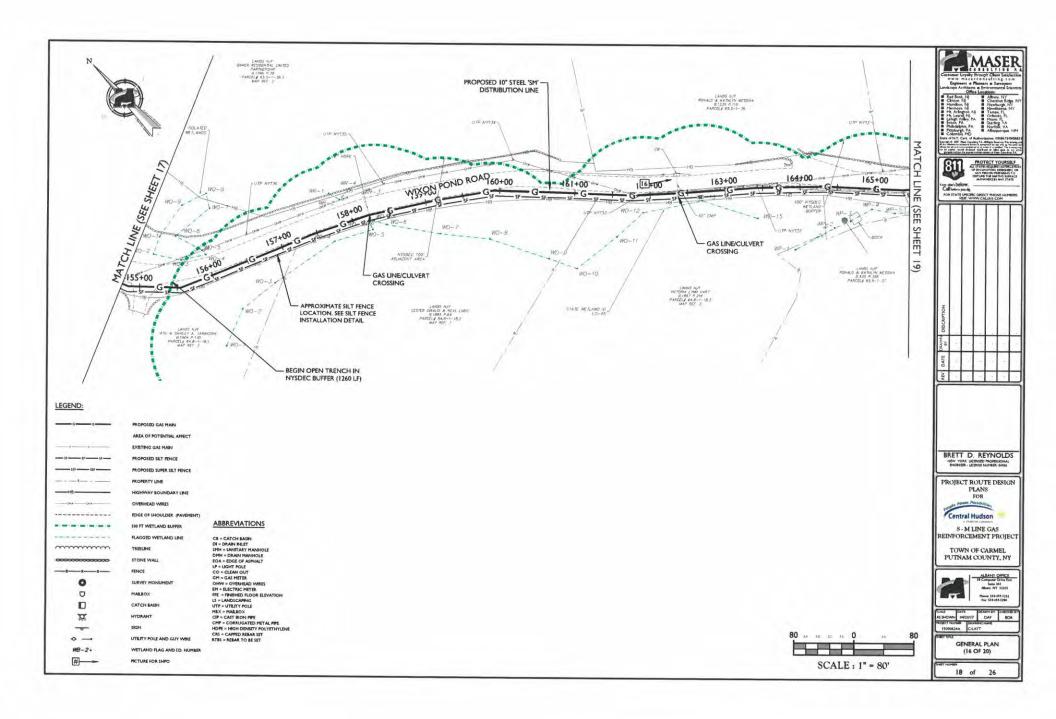


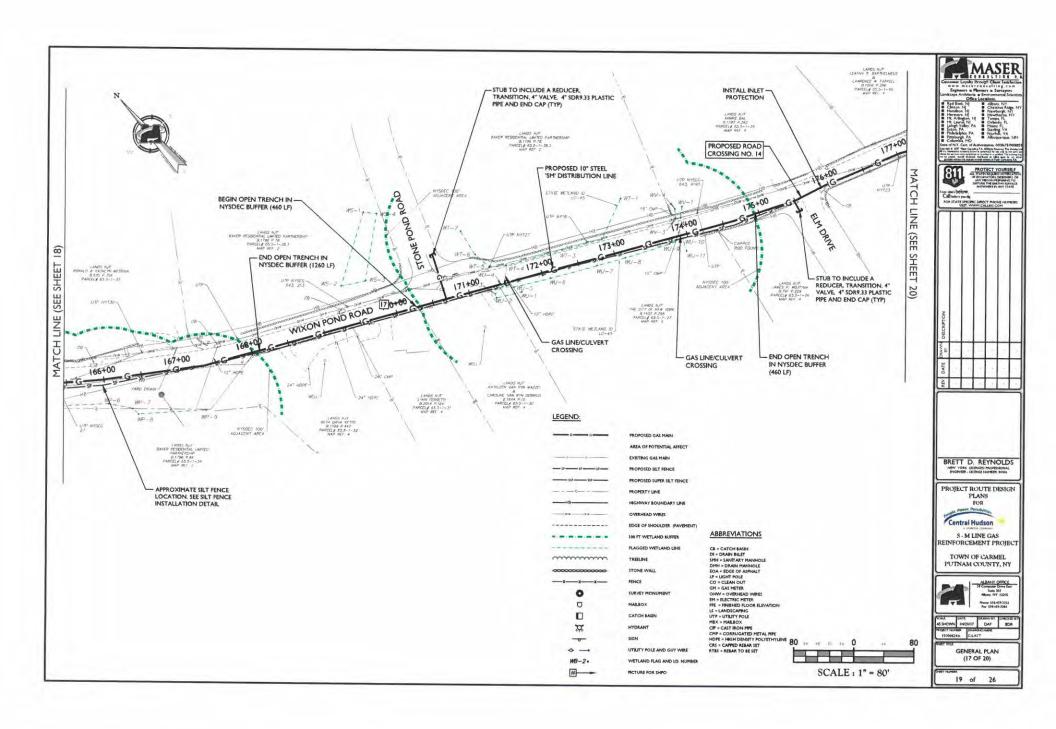


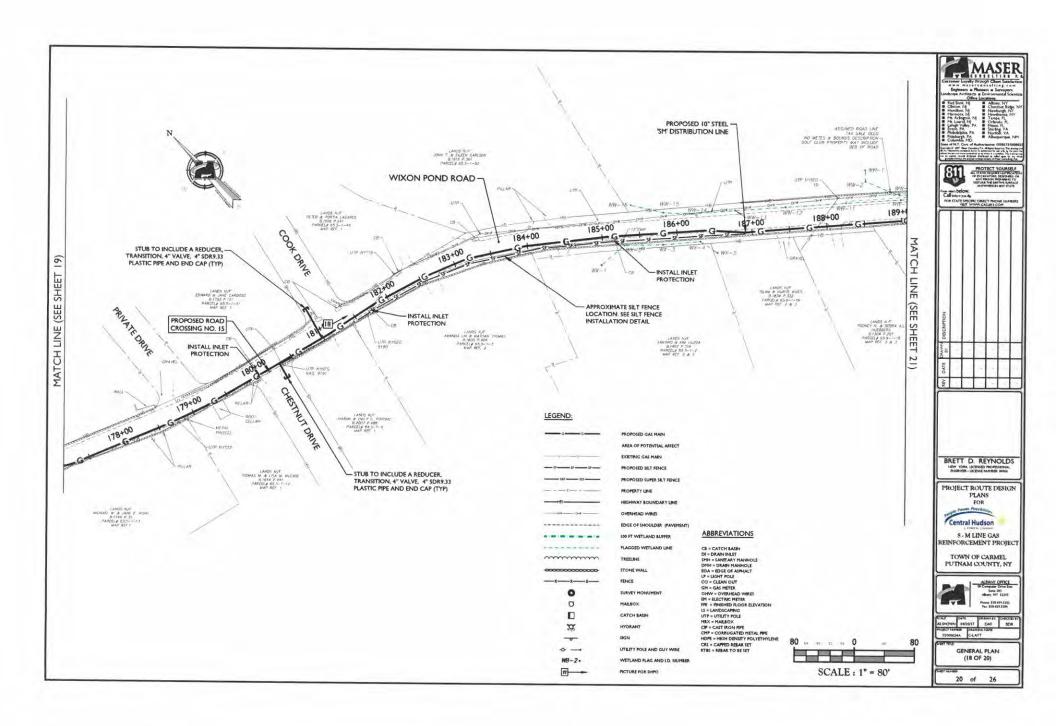


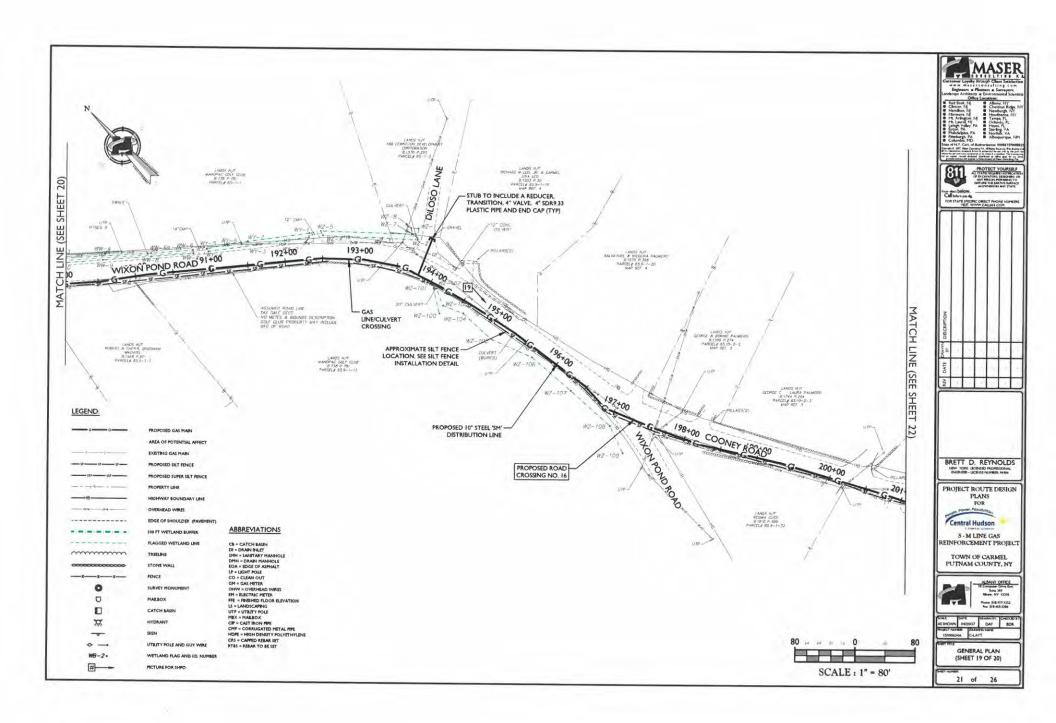


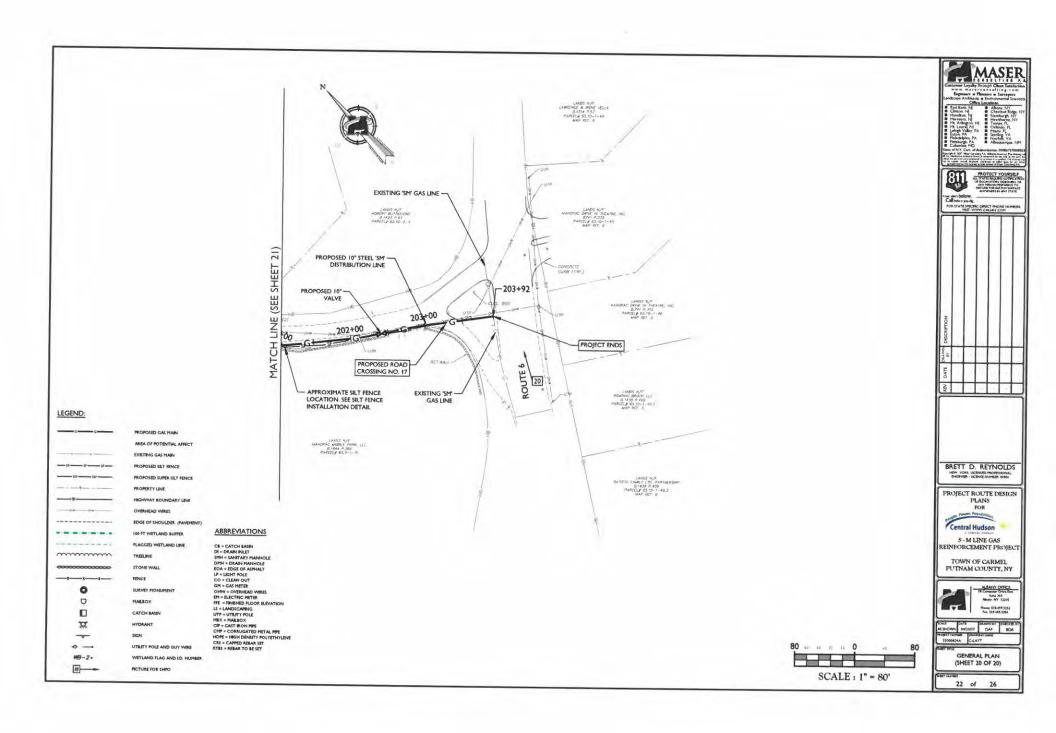












SIGNS

- THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS NAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS, THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF THE
- ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER, ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
- SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT
- ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULTI-LANE DIVIDED HIGHWAYS, MULTI-LANE RAMPS, AND ONE-WAY STREETS, IN CASES WHERE LANE RESTRICTIONS REDUCE THE TRAVEL LANE TO ONE LANE, SIGNS SHALL BE POSTED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- SIGNS MOUNTED IN THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE RARRIER WITH A SADDLE TYPE BRACKET, LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED
- THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCH. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE FOR WORK WITHIN THE NYSDOT RIGHT-OF-WAY.
- NYR9-12 MAY BE USED IN PLACE OF NYR9-11.

ACTIVITY AREA

- THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER
- WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS

DRIVEWAY ACCESS NOTES:

DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES WITH THE FOLLOWING ALLOWANCES:

ACCESS TO DRIVEWAYS WILL BE MAINTAINED WHEREVER PRACTICAL, OR AS ORDERED BY THE ENGINEER. OWNERS WHOSE DRIVEWAYS WILL BE INACCESSIBLE SHALL BE NOTIFIED NO LESS THAN 24 HOURS IN ADVANCE. ACCESS SHALL BE RESTORED AT THE END OF FACH WORK DAY AND FOR THE WEEKEND UNLESS OTHER SUITABLE ARRANGEMENTS HAVE BEEN MADE WITH THE OWNER.

THE CONTRACTOR SHALL MAINTAIN AT I FAST ONE DRIVEWA ENTRANCE AT ALL TIMES WHERE AN OWNERS FACILITY HAS TWO OR MORE DRIVEWAY ENTRANCES.

THE COST OF PROVIDING AND MAINTAINING SAFE AND ADEQUATE INGRESS AND EGRESS FOR INTERSECTING HIGHWAYS, HOMES AND COMMERCIAL ESTABLISHMENTS, AT ALL TIMES TO THE SATISTACTION OF THE ENGINEER, SHALL BE INCLUDED IN THE PRICE BID FOR TRAFFIC CONTROL.

PUBLIC ACCESS

- PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRICT OF RETINCTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ON EDRIVEWAY SHALL BE OPEN AT ALL THES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
- SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

LANE CLOSURES

- THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.
- THE ENGINEER MAY REQUIRE THAT ALL LANDS BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT JUMPS.

LANE WIDTHS

- UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: FREEWAYS AND/OR EXPRESSWAYS IS 11'. THE MINIMUM LANE MIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10'
- THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ENGINEER. A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY, SO THAT THE ENGINEER MAY NOTIFY THE REGIONAL PERMIT ENGINEER IN A TIMELY MANNER.

BARRIER/SHADOW VEHCLES

- BARRIER AND SHADOW VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
- NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL A-HEAD DISTANCE).
- THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL

PAVEMENT EDGE DROPOFF NOTES:

NO DROP-OFFS SHALL EXIST BETWEEN ANY OF THE FOLLOWING PAVEMENTS OUTSIDE OF WORKING HOURS OR AS DIRECTED BY THE ENGINEER;

SHOULDERS

DRIVEWAY ENTRANCES

SIDEWALKS AND PATHS

THE COST OF PROVIDING AND MAINTAINING SAFE AND ADEQUATE VEHICULAR, BICYCLE AND PEDESTRIAN TRAFFIC AT INTERSECTING PAVEMENTS, AT ALL THES TO THE SATISFACTION OF THE ENGINEES HALL BE INCLUDED IN THE RINCE BID FOR TRAFFIC CONTROL

FLAGGERS

THE CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF COMPETENT FLAGGERS TO CONTROL TRAFFIC WHEN NECESSARY TO MAINTAIN ALTERNATING ONE-WAY TRAFFIC IN ONE LANE OF A TWO-WAY LANE, TWO-WAY RAD AT ALL OTHER LOCATIONS WHERE NECESSARY FOR SAFE EFFICIENT TRAFFIC OPERATIONS, OR AT LOCATIONS AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL NOT UNDERTAKE WORK AT HORE LOCATIONS THAN COMPETENT. TRAINED FLAGGERS ARE AVAILABLE TO SAFELY CONTROL TRAFFIC. ALL FLAGGERS SHALL BE ADEQUATELY TRAINED IN FLAGGING OPERATIONS BY RECOGNIZED TRAINING PROGRAMS, TO INCLUDE THE AMERICAN TRAFTIC SAFETY SERVICES ASSOCIATION (ATSA), THE NATIONAL SAFETY COUNCIL UNIONS, OR CONSTRUCTION INDUSTRY ASSOCIATIONS, OR BY AN INDIVIDUAL WHO HOLDS A CURRENT CERTIFICATION AS A FLAGGER TRAINING INSTRUCTOR FROM SUCH PROGRAM PRIOR TO THE START OF FLAGGING OPERATIONS, THE CONTRACTOR SHALL. PROVIDE TO THE ENGINEER A LIST OF CERTIFIED PLAGGERS TO BE USED ON THE PROJECT, IDENTIFING THE SOURCE OF FLAGGER TRAINING FOR EACH INDIVIDUAL OR WHEN AN INDIVIDUAL PROPOSED TO BE A FLAGGER ARRAYED ON THE PROJECT THE INDIVIDUAL WILL PROVIDE THE ENGINEER WITH PROOF OF TRAINING, IF THE INDIVIDUAL IS NOT ON A LET PROVIDED BY THE CONTRACTOR OR DOES NOT PROVIDE PROOF OF TRAINING THE INDIVIDUAL WILL NOT BE ALLOWED TO ACT AS A FLAGGER ON THE PROJECT. WHEN THE ENGINEER DEEMS A FLAGGER IS NOT COMPETENT IN FLAGGING PROCEDURES THE INDIVIDUAL SHALL BE REPLACED.

NIGHTTIME OPERATIONS

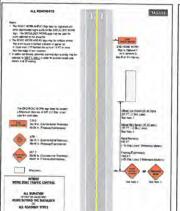
- WORK OCCURRING AFTER SUNSET AND BEFORE SUNRISE WILL BE CONSIDERED NIGHTTTIME OPERATIONS, ALL WORKERS INVOLVED IN NIGHTTI OPERATIONS SHALL WEAR PROTECTIVE HELMETS AND NIGHTTIME APPAREL IN ACCORDANCE WITH ANSI 107, CLASS 3.
- THE CONTRACTOR SHALL NOT WORK AFTER SUNSET OR BEFORE SUNRISE THOUT THE PRIOR APPROVAL OF THE ENGINEER.
- VEHICLES OPERATING ON THE PAVEMENT OF A CLOSED ROADWAY OR TRAVEL LANE SHALL DISPLAY FOUR-WAY FLASHERS OR ROTATING AMBER BEACONS AT ALL TIMES. VEHICLES USING HEADLIGHTS, EXCEPT FOR ROLLERS AND VEHICLES RETRIEVING CHANNELIZING DEVICES SHALL TRAVEL IN THE SAME DIRECTION AS ADJACENT TRAFFIC IN ORDER TO AVOID GLARE AND CONFUSION TO DRIVERS.
- THE ENGINEERS APPROVAL FOR NIGHTTIME OPERATIONS SHALL BE CONTINGENT UPON THE CONTRACTOR HAVING SUBMITTED AND REEN APPROVED A NIGHTTIME OPERATIONS AND LIGHTING PLAN. THE PLAN IS TO BE SUBMITTED TO THE ENGINEER A MINIMUM OF 30 DAYS PRIOR TO THE START OF NIGHTIME OPERATIONS. FOR DETAILS OF THE PLAN REQUIREMENTS THE NIGHTTIME OPERATIONS, FOR DETAILS OF THE PLAN CONTRACTOR IS TO CONSULT WITH THE ENGINEER.

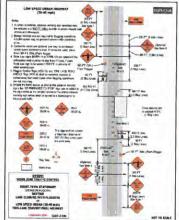


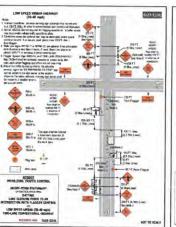
NYR9-12

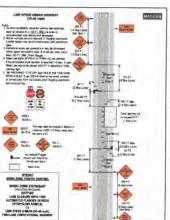
STATE LAW LICENSE SUSPENDED AFTER TWO WORK ZONE SPEEDING TICKETS

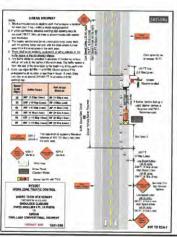
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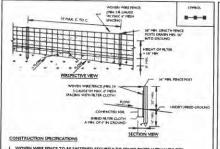




MASER

BRETT D. REYNOLDS

PROIECT ROUTE DESIGN PLANS FOR Central Hudson S-M LINE GAS REINFORCEMENT PROJECT TOWN OF CARMEL PUTNAM COUNTY, NY ALBANY OFFICE Phone 518,455,5252 04/20/17 DAF BOA WORK ZONE TRAFFIC ONTROL NOTES & DETAILS



- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE THES OR STAPLES, POSTS SHALL BE STEEL EITHER, "I" OR "U" TYPE OR HANDWOOD.
- 2 FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH THE SPACED EVERY 24" AT TOP AND MID SECTION.
 FENCE SHALL BE WOVEN WIRE 12 1/2 GAUGE 6" HAXIMUM HESH OPENING
- WHEN TWO SECTIONS OF RETER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER. LAPPED BY SIX NICHES AND FOLDED. FILTER CLOTH SHALL BE EITHER HIRAFI 100X. STABLEZATION, OR APPROVED EQUIVALENT.
- A. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT
- 5 MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BULGET DEVELOP IN THE SET PENCE.





STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 10 FOOT MINIMUM LENGTH WOULD APPLY).

3. THICKNESS - NOT LESS THAN SIX (6) INCHES.

4. WIDTH - TWELVE (12) FOOT HINNHUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE BIGGESS OR EGRESS OCCURS, TWENTY-POUR (14) FOOT IF SINGLE ENTRANCE TO SITE.

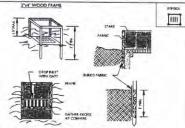
S. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE

& SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE IN IMPRACTICAL A HOUNTABLE BERH WITH S.I SLOPES WILL BE PERMITTED

HAINTBHANCE - THE BYTRANCE SHALL BE HAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR ROWING OF SEDHENT ONTO FUBILC NIGHTS-OF-WAY ALL SEDHENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBILC RIGHTS-OF-WAY MUST SERVINGED REPROSTATE V.

IL WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE 7. PERIODIC INSPECTION AND NEEDED HAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

2 STABILIZED CONSTRUCTION ENTRANCE
SCALE NTS



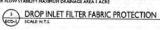
CONSTRUCTION SPECIFICATIONS FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP HAY BE USED FOR SHORT TERM

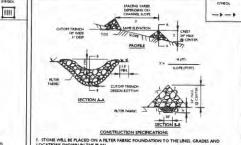
 CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE. 2. STAKE HATERIALS WILL BE STANDARD 2" X 4" WOOD OR EQUIVALENT. HETAL WITH A MINIHUH LENGTH OF 3 FEET.

A. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A HINIHUM IS INCHES DEP: SPANS CREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT

5. FABRIC SHALL BE EMBEDDED I FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME

6. A 2" X 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY MAXIMUM DRAINAGE AREA I ACRE





STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.

SET SPACING OF CHECK DAPIS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.

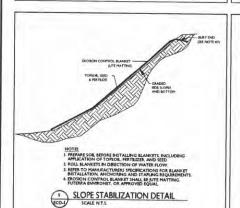
EXTEND THE STONE A HINIMUM OF I.S FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.

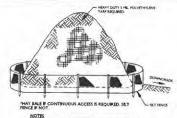
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE

3. EHSUAE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE

6. MAXIMUM DRAINAGE AREA 2 ACRES.







NOTES I AREA CHOSEN FOR STOCKPRING SHALL BE DRY AND STABLE.

- 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2.1.
- I UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING AND STABILIZED SEED AND MULCH OR JUTE HESH. HAYSALES SHALL NOT BE USED IN PLACE OF SILT FENCE.
- 4 SEE NYSIODT SPECIFICATIONS FOR INSTALLATION OF SET FENCE 5 SEE OF STOCKHE SHALL NOT EXCEED THE LIMITATIONS OF DRAWAGE AREA FER SET FENCE. 8 INSTALL SELT SPECE AND/OR HAYBALES A MINIMUM OF 2-0° FROM THE TOE OF THE STOCKHES.

SOIL STOCKPILE DETAIL

STORM WATER POLLUTION PREVENTION AND TEMPORARY SOIL EROSION AND SEDIMENT CONTROL NOTES:

- THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF ANY APPLICABLE FEDERAL OR STATE CERTIFICATIONS/PERMITS THAT PERTAINS TO THIS MIGJECT.
- BADSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH MYSDEC REQUIREMENTS. NYIDOT REQUIREMENTS AND DETAILS PROVIDED ON THE PLANS AND AS PER THE MANUFACTURES REQUIREMENTS.
- ALL EROSION AND SEDIMENT CONTROLS NECESSARY SHALL SE INSTALLED PRIOR TO WORK IN THAT AREA. EROSION AND SEDIMENT CONTROLS HIST SE CHECK A HIMMUN OF EVERY? CALENDAR DAYS. ANY MAINTENANCE NECESSARY SHOULD SE PERFORMED WITHIN 48 HOURS.
- CHECK DAMS SHOULD BE CHECKED AFTER EVERY STORM FOR DAMAGE OVERTOPPING OR CLOGGING WITH SEDMENT. REPAIRS OR MAINTENANCE SHOULD TAKE PLACE AS SOON AS DETERIORATION & NOTICED
- CONSTRUCTION ENTRANCE TRACKING PADS SHOULD BE CHECKED DAILY FOR CLOGGING OR BUILTUP AND MAINTEINED TO KEEP FROM TRACKING SEDMENT ONTO THE TRAVEL LANS.
- ALL DEWATERING OR PUMPING OPERATIONS (IF NEEDED) REQUIRE DIRT BAGS, SRT SACKS, AND/OR TEMPORARY SEDIMENT CONTROL BARRIERS, ALL WATERS DISCHARGED SMALL BE CLEAR OF ALL SEDIMENT
- ALL EROSION CONTROL HEASURES SHOULD BE CHECKED BY THE ENGINEER (OR INSPECTOR) TO INSURE PROPER PLACEMENT OF ALL FEATURES.
- ALL STABILIZING AREAS SHALL PROVIDE THE FOLLOWING.
 - A STABBLIZED CONSTRUCTION ENTRANCE

 - C. CATCH BASIN PROTECTION D. OFFSITE STORMWATER DISCHARGE
- SEDIMENT REMOVED FROM EROSION AND SEDIMENT CONTROL HEASURES WILL BE EXPORTED FROM THE SITE OR STOCKFILED AT CONSTRUCTION STAGING AREA FOR LATER USE

MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES:

PERMANENT AND TEMPORARY VEGETATION

INSPECT ALL AREAS THAT HAVE RECEIVED VEGETATION EVERY SEVEN DAYS. ALL AREAS DAYAGED BY REVOIDN OR VEHERE SEED HAS NOT ESTABLISHED SHALL BE REPAIRED AND RESTABLISHED INHEDIATELY.

3 STABBLIZED CONSTRUCTION ENTRANCE

NUMECT THE ENTRANCE FAD EVERY SEVEN DAYS. CHECK OR NUD. SEDHENT BUILD-UP AND PRISONTY. WHICH DAYS PRINCED DOUBLING WET WASTINES. RESIMPLED AN ARREDRO TOO BOARDAKE AND AURIOR CONTROL. WHISH AND REPLACES TOWN AS REBEID. THE STORM THAT ARE THE ARREST OF A RESIMPLED WASTING AND THE SET AND TO THE SET AND THE PROVIDE ACCESS TO THE SITE

INSPECT FOR DAMAGE EVERY SEVEN DAYS. MAKE ALL REPAIRS INHEDIATELY. REHOVE SEDIMENT FROM THE UNLIGHE FACE OF THE FINCE SEPORE IT ACCUMULATES TO A HIGHT EQUAL TO 10? THE HIGHT OF THE FINCE. IF FUNCE FABRIC TEAM, BEGINS TO DECOMPOSE OR IN ANY WAY BECOMES INSPECTIVE, REPLACE THE AFFECTED SECTION OF FINCE INHEDIATELY.

SOIL STOCKPUE

REJECT SEDMENT CONTROL BARRERS GRIT FENCE OR HAY BALE AND VEGETATION FOR DAMAGE EVERY SEVEN DAYS. HAVE HALL REPAIRS IMPEDIATELY REPOVE SEDMENT ROOM THE UNLOCKEF ACCOUNTS. OR SAME REPORT ACCOUNTING TO A HEIGHT EQUAL TO 1/11 THE HIGHT OF THE SEDMENT CONTROL BARRER. HE SEDMENT CONTROL BARRER IN SECONE SHETEFUT REPLACE THE AMARE THAN SEGON TO DECOMED ON THE WAY SECONE SHETEFUT REPLACE THE AMARE THAN SEGON TO DECOMED ON THE WAY SECONE SHETEFUT REPLACE THE AMARE THAN SECONE SHETEFUT REPLACE THE MARKET WAY SHETEFUT THE SHETEFUT THE SECONE SHETEFUT REPLACE THE SHETEFUT THE SHEMPS THE CONTROL BARRER WHAT THE SHEM THE SHEM THE SHEMPS THE SHEMPS THE SHEMPS THE SHEMPS THE CONTROL BARRER WHAT THE SOIL STOCKPILE HAS BEEN REMOVED

S DIST CONTROL

REPRICT CHICAL DAMS LYET STIPLD DAYS. B'SIGNETICANT PLOSION MAS OCCUPIED BETWEEN STRUCTURES A LINES OF STONE OR OTHER SUFFALLE PARTIEND, SHOULD BE REPTALLED IN THAT PROSTRION OF THE CHAMMES, REPROST SUBPRIET ACCURATED BERNED THE DAM AS MERDION TO ALLOW CHAMMES TO DAMAGE THROUGH THE STONE CHICK DAM AND PREVENT LANCE ROWS SHORT AGARDING DESIGNED OF THE DAM AS REPLACE STONES AS REPEDED TO MARKET THE DESIGN CHOSS SECTION OF THE STRUCTURE. REPROVE CHICK DAMS AS FER APPROVAL OF THE BROWNESS.



BRETT D. REYNOLDS

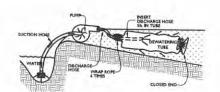
PROJECT ROUTE DESIGN PLANS Central Hudson S - M LINE GAS

REINFORCEMENT PROJECT TOWN OF CARMEL PUTNAM COUNTY, NY



DATE DRAWNST CHECKED DAZD/17 DAF BOA

SOIL FROSION & SEDIMENT CONTROL PLAN





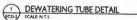
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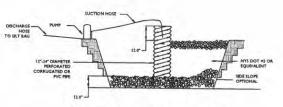
 I REPAILATION AND USE
 A FLACE DOWNSTERIE TURE ON THE GROUND OR ON A RELATIVILY LEVEL STARREED MEA.
 A PLACE DOWNSTERIE TURE ON THE GROUND OR ON A RELATIVILY LEVEL STARREED MEA.
 A PLACE TO GENADLE FIRE A RESIDUR OF S.F. RUIDE DEWASTERN TURE AND SECURE FIRE
 HANDIFACTURESS RECOMMERGATIONS.

 COUNTY OF WORKERED THE WORM HAND FULL OF SEDIMENT OR WHICH THE SEDIMENT HAS
 REDUCED THE SUCH WASTE OF THE RUIPE DECLARGET ON AN IMPRACTICAL ANDURST.

 REPAIRED ON THE SITE THE PRIMENS OF AD DEWINSTRING TURE GOOD ANTIFIE WASTER
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 HAND ON THE SITE THE RICH VILLOUT. TO DEVISE THE WASTER OWNS AND RESIDENCE
 WHITE SECURITIES AND RESIDENCE.

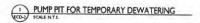
MAINTENANCE AND DISPOSAL
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 A SEHOVE AND DISPOSE OF ACCUMULATED SEDIMENT AWAY FROM WATERWAYS OR
 EWROWNERFACELY SEMESTIME AWAS OPEN BOTH BINGS OF THE DEPAYTERING TUBE FIRCK IT
 UP A VITAL OF THE AND DUMP ACCUMULATED SEDIMENT OUT OF SOTHE BING ALLOW TO
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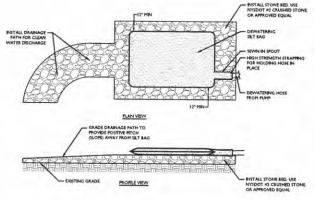




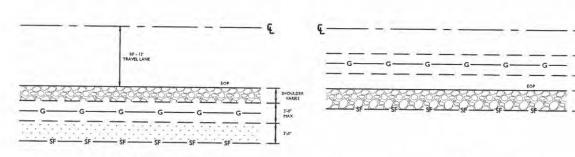
CONSTRUCTION SPECIFICATIONS

- I FIT DIMENSIONS ARE OFTIONAL
- 2. THE STANDPIPE SHOULD BE CONSTRUCTED BY PERFORATING A 12-24" DIAMETER CORRUGATED OR PVC PPE
- A BASE OF 2" AGGREGATE SHOULD BE MACED IN THE MT TO A DEPTH OF 12".
 AFTER INSTALLING THE STANDING, THE MT SURROUNDING THE STANDING
 SHOULD BE BACKFILED WITH 2" AGGREGATE.
- 4. THE STANDARE SHOULD EXTEND 12-18" ABOVE THE UP OF THE PIT.
- IF DISCHARGE WILL BE FUHRED DIRECTLY TO A STORM DRAINAGE SYSTEM.
 THE STANDIPPE SHOULD BE WRAPPED WITH PILTERCLOTH BEFORE INSTALLATION
 IF DESIRED, 1/4"-1/3" HARDWARE CLOTH HAY BE PLACED AROUND THE STANDIPPE. PRIOR TO ATTACHING THE FILTERCLOTH







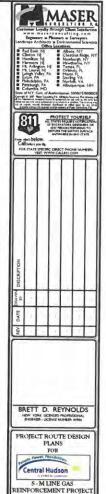


IN-SHOULDER INSTALLATION

IN ROAD INSTALLATION

TYPICAL SILT FENCE INSTALL DETAIL

- G --- PROPOSED GAS LINE - SF - PROPOSED SILT FENCE SILT FENCE IS NOT REQUIRED IF THE SHOULDER IS HIGHER IN ELEVATION THAN THE EXISTING ROAD. THE SHOULDER IS A ROCK OUTCROPPING, OR IF A STONE WALL EXISTS WITHIN 3' OF THE EDGE OF PAVEMENT.

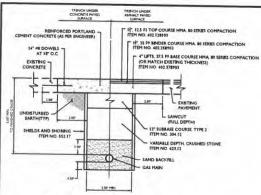


TOWN OF CARMEL PUTNAM COUNTY, NY

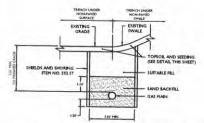


DATE DRAWN ST CHECKED 04/25/17 DAF SDR

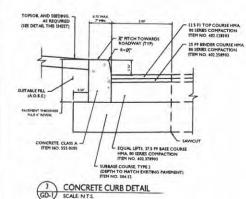
SOIL FROSION & SEDIMENT CONTROL PLAN



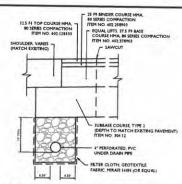
TRENCH DETAIL-PAVEMENT - NYSDOT GD-I SCALE: N.T.S.



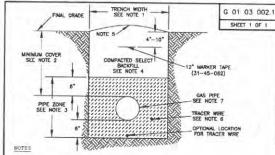
TRENCH DETAIL-NON-PAVED AREAS - NYSDOT SCALE N.T.S.



SCALE NTS.



4 UNDERDRAIN REPLACEMENT DETAIL GD-I) SCALE: N.T.S.



i. The minimum trench width shall be as follows: PIPE SIZE 2" 3" - 16" TRENCH WIDTH

PIPE O.D. + 12" 2. Minimum depth of cover from final grade to top of pipe small be as tellows:

IN EARTH

24"

24"

24"

- 24"

 Refer to G 0: 01 0010, for special cover requirements in cultivated land or navigable waterways and S 0: 03 004.1 for shallow cover, Greater depths may be required by the governing authority.

 3. Sand padding is required in the pipe zone. Refer to d 0: 03 005.0 for the definition of sand padding. It shall be thoroughly compacted in 12" lifts or as required by the governing authority.

 4. Compacted select backfill may be on-site saterial provided it contains no rocks or stones over 6" in diameter, roots, stumps, or construction debris. It shall be thoroughly compacted in 12" lifts or as required by the governing authority.

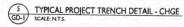
 5. The backfilled trench shall be enoughly compacted to 12" lifts. The backfilled trench shall be crowned slightly to allow for future
- settlement
- For plastic pipe, tracer wire shall be installed per G 02 03 005.0 and G 02 03 006.0.
- and G 32 03 006.0.

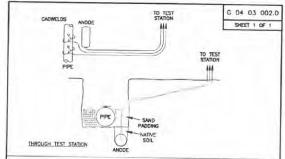
 In areas where plastic pipe less than 6° in diameter is installed below the water table, an unopened 75 lb. bag of concrete mis stall be placed directly over the pipe every 40 Eest to prevent the pipe from floating up after installation. The bags shell be backfilled along with the pipe.

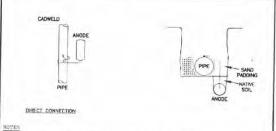
 8. Refer to G 02 01 037.0 to determine the need for sorting or sloping.

 8. Refer to G 01 03 040 for winism below grade electropies.
- 9. Refer to G 01 03 004.0 for minimum below grade clearances. required. Consult with Gas & Mechanical Engineering.

STAN	AS DARIOS	CENTRAL HUDSON GAS & ELECTRIC CORP.	DATE	8/15
DRAWN	CHA		ISSUE	3
CLEAR	MFB	TRENCHING AND BACKFILL REQUIREMENTS		11000
ENGR.	RJS	DISTRIBUTION MAINS	APP.	KER
ENGR. APP.	GMD	Mishingo Hours	APP.	LRC







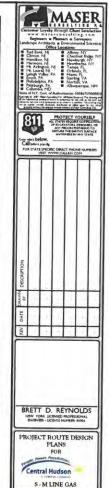
See Standard G 04 0: 002.0 nr Standard G 04 01 003.0 for Cadwelds.

Gas & Mechanical Engineering shall specify test station construction standard, wire size, depth of anode, and distance between main and anode.

Direct connection of a single arous shall only be used when unmonitored, unprotected, bere (not coated) steel pipe is exposed. In all other cases, another must be attached through a test, station.

STANDARDS		CENTRAL HUDSON GAS & ELECTRIC CORP.	DATE	7/11
DRAWN CH	M.		ISSUE	6
CLEAR RJ	S	SINGLE ANODE INSTALLATION		_
ENGR. DN	S			KER
PP. KJF			APP.	EJK





REINFORCEMENT PROJECT TOWN OF CARMEL PUTNAM COUNTY, NY



