

PLANNING BOARD MEETING

Lansing Town Hall Board Room Monday, May 23, 2022 6:30 PM

AGENDA

SUBJECT TO CHANGE

Meeting is open to the public and streamed live on YouTube.

VIEW THE MEETING LIVE - TOWN OF LANSING YOUTUBE CHANNEL

To find our YouTube Channel - Go to <u>www.lansingtown.com</u>, click on button "Town YouTube Channel" (round circle located on far right).

- 1. Call Meeting to Order
- 2. Privilege of the Floor: Limited to 20 Minutes with a Maximum of 3 Minutes per Speaker
- 3. Department Reports
- 4. Action Items
 - <u>a.</u> **Project:** Site Plan Dandy Mini Mart Convenience (Mini) Mart

Applicant: Brian Grose, Fagan Engineers, representing Dandy Mini Mart

Location: 7 Ridge Rd, Tax Parcel No's 31.-6-9,1, 31.-6-10, 31.-6-11, 31.-6-13, & 31.-6-14

Project Description: The applicant proposes the consolidation of several lots to form an approximately 4.7 acre parcel. The site plan proposal consists of a 5,685 sf convenient store with a 128'x24' gasoline fueling island, a 48'x22' diesel fuel island, and a drive through window. 25 passenger vehicle parking spaces and six (6) tractor trailer parking stalls are proposed. The project is located in the B1 – Commercial Mixed Use Zoning District.

SEQR: This is a a Type I Action, under 6 NYCRR 617.4 (b)(6)(i) and 617.4 (b)(9) for the purposes of conducting a coordinated environmental review pursuant to the State Environmental Quality Review Act ("SEQRA")

Action: Declaration of Lead Agency for Coordinated SEQR Review

5. Adjourn Meeting

In accordance with the Americans with Disabilities Act, persons who need accommodation to attend or participate in this meeting should contact the Town Clerk's Office at 607-533-4142. Request should be made 72 hours prior to the meeting.

RESOLUTION PB 22-XX

STATE ENVIRONMENTAL QUALITY REVIEW RESOLUTION - DECLARATION OF LEAD AGENCY – DANDY MINI- MART SITE PLAN

WHEREAS, an application was made by Brian Grose, EIT, for Dany Mini Mart, Owner, for site plan approval for a 5,685 sf convenient store with two gasoline fueling islands, a diesel fueling island, and a drive-through window, on lands situated at the approximate corner of Ridge Road and East Shore Drive in the Town of Lansing, New York, otherwise known as Tax Parcel numbers 31.-6-9,1, 31.-6-10, 31.-6-11, 31.-6-13, & 31.-6-14. The properties consist of approximately 4.7± acres in the B1 – Commercial Mixed-Use Zone. The proposal includes the merging of adjacent parcels to be reconfigured into a single parcel; and

WHEREAS, 6 NYCRR § 617 of the State Environmental Quality Review Act ("SEQRA") requires that a Lead Agency be established for conducting environmental review of projects in accordance with local and state environmental law and the Lead Agency shall be that local agency which has primary responsibility for approving and funding or carrying out the action; and

WHEREAS, The Planning Board of the Town of Lansing is believed best suited to review the impacts of this proposed Site Plan as (i) the Planning Board is the only body with jurisdiction to review the Site Plan and issue the final Site Plan approval, (ii) the Planning Board is best situate to understand and evaluate the potential unique impacts of such Site Plan upon the Town based upon the developmental patterns, topography, and unique natural and non-natural features of the Town of Lansing, including known streams, wetlands, UNAs, agricultural resources of value, and archeosensitive sites within or near the proposed Site Plan area, (iii) the Planning Board has the broadest governmental powers for investigating the potential or actual impacts of the Site Plan and implementing conditions or mitigating controls, and accordingly (iv) the Planning Board has the greatest capacity for providing the most thorough environmental assessment of the proposed Site Plan; and

WHEREAS, this proposed action is a Type I Action, per 6 NYCRR 617.4 (b)(6)(i) and 617.4 (b)(9) for the purposes of conducting a coordinated environmental review pursuant to the State Environmental Quality Review Act ("SEQRA");

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

That the Town of Lansing Planning Board does hereby declare itself Lead Agency for the coordinate environmental review for the action of site plan review

.

Dated:

Motioned by: Seconded by:

VOTE AS FOLLOWS:

Tom Butler –
Sandra Dennis- Conlon –
Norman L. Davidson –
Larry Sharpsteen –
Dean Shea –
Deborah Trumbull –
Al Fiorille –



April 27, 2022

Ms. CJ Randall Director of Planning 29 Auburn Road Lansing, NY 14882

RE: Dandy Mini Mart

Site Plan Application FE Project #2020.062

Dear CJ:

Fagan Engineers & Land Surveyors, P.C. (FE) has been asked to submit the attached Site Plan application on behalf of Dandy Mini-Mart. The following items are included within this submittal:

- Fifteen (15) Site Plan Applications,
- Fifteen (15) SEQR EAF Long Forms,
- Fifteen (15) Project Narrative,
- Fifteen (15) Elevation Drawings,
- Fifteen (15) Façade Drawings,
- Fifteen (15) Sign Drawing
- One (1) SWPPP,
- Fifteen (15) Site Plans (11x17), and
- One (1) Site Plan Full Size.

If you need additional materials or have any questions or comments, please feel free to contact me directly by telephone 607-734-2165 ext. 237, or email Brian.Grose@FaganEngineers.com.

Sincerely,

FAGAN INGINEERS & LAND SURVEYORS, P.C.

Brian M. Grose, EIT

Staff Engineer



April 27, 2022

Dandy Mini Mart – Lansing, NY Project Narrative

I. Project Information

The proposed project site is located just southwest of the intersection of NYS Route 34 and NYS Route 34B, across the street from Rogues Harbor Inn 1830. The proposed project will consist of joining five parcels together to make a new 4.70 acre lot, the construction of a 5,895 square foot convenience store that will have a drive-thru attached, two separate gasoline fueling islands, a diesel fueling island, parking for both passenger vehicles (two electric vehicle parking stalls) as well as tractor trailer parking, two separate drives (one off of NYS Route 34 and the other off of NYS Route 34B), associated utilities, and required stormwater management practices. The Site Plan will also include an area for future fast charging electric vehicle parking stalls.

II. Town Review Schedule

The following is the estimated review schedule per Town meeting schedule.

Planning Board Meeting February 28, 2022

(Conceptual)

Planning Board Meeting
Planning Board Meeting
Planning Board Meeting
Planning Board Meeting
June 27, 2022
Planning Board Meeting
July 25, 2022

(If necessary)

III. Construction Schedule

The following is an estimated construction schedule for the proposed project.

Construction Preparation Fall of 2022

Building Construction 1st Quarter of 2023

Full Environmental Assessment Form Part 1 - Project and Setting

Section 4, Item a.

Instructions for Completing Part 1

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

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

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

A. Project and Applicant/Sponsor Information.

Name of Action or Project:		
Dandy Mini-Mart, Lansing		
Project Location (describe, and attach a general location map):		
South-West from the intersection of East Shore Drive and Ridge Road, Lansing.		
Brief Description of Proposed Action (include purpose or need):		
The proposed project involves the construction of 5,685 SF of convenience store including or two gasoline fuel island, diesel fuel island, fuel tank storage area, and parking lots (33 space includes the on-site wastewater treatment system and stormwater management of the proper	es including 2 reserved parking and 5	
Name of Applicant/Sponsor:	Telephone: 570-888-4344 ext. 13	
•		
Dandy Mini Marts Inc.	E-Mail: dphillips@godandy.com	
Address: 6221 Mile Lane Road	-	
City/PO: Sayre	State: PA	Zip Code: 18840
Project Contact (if not same as sponsor; give name and title/role):	Telephone: 570-888-4344 (x133))
Dunae Philips Jr.	E-Mail: dphillips@godandy.com	
Address:		
6221 Mile Lane Road		T
City/PO:	State:	Zip Code:
Sayre	PA	18840
Property Owner (if not same as sponsor):	Telephone:	
	E-Mail:	
Address:		
City/PO:	State:	Zip Code:

Section 4, Item a.

B. Government Approvals

B. Government Approvals, assistance.)	Funding, or Spon	sorship. ("Funding" includes grants, loans, ta	ax relief, and any other	r forms of financial
Government E	ntity	If Yes: Identify Agency and Approval(s) Required	Applicati (Actual or 1	
a. City Counsel, Town Board or Village Board of Truste				
b. City, Town or Village Planning Board or Commis	☑ Yes□No ssion	Site Plan Approval	03/23/2022	
c. City, Town or Village Zoning Board of A	□Yes ☑ No ppeals			
d. Other local agencies	□Yes☑No			
e. County agencies	∠ Yes□No	M-239 Referral	05/15/2022	
f. Regional agencies	□Yes□No			
g. State agencies	Z Yes□No	NYSDEC - SPDES, NYSDOT - PERM 33	05/15/2022	
h. Federal agencies	□Yes□No			
 i. Coastal Resources. i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? iii. Is the project site within a Coastal Erosion Hazard Area? 				
C. Planning and Zoning				
C.1. Planning and zoning ac				
only approval(s) which must • If Yes, complete sec	be granted to enab tions C, F and G.	nendment of a plan, local law, ordinance, rule le the proposed action to proceed? aplete all remaining sections and questions in F		∐Yes ⊠ No
C.2. Adopted land use plans	i.			
where the proposed action	would be located?	age or county) comprehensive land use plan(s) cific recommendations for the site where the p		□Yes☑No □Yes□No
b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) If Yes, identify the plan(s):				
c. Is the proposed action loca or an adopted municipal fa If Yes, identify the plan(s):		ally within an area listed in an adopted munici plan?	pal open space plan,	□Yes ✓No

C.3. Zoning	Section 4, Item a.
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district? Commercial Mixed Use (B1)	<u></u>
	∠ Yes □ No
c. Is a zoning change requested as part of the proposed action? If Yes, i. What is the proposed new zoning for the site?	☐ Yes Z No
C.4. Existing community services.	
a. In what school district is the project site located? Lansing School District	
b. What police or other public protection forces serve the project site? New York State Police Department, Tompkins County Sheriff	
c. Which fire protection and emergency medical services serve the project site? Lansing Fire Department	
d. What parks serve the project site? Lansing Park & Recreation	
D. Project Details	
D.1. Proposed and Potential Development	
a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, i components)? Commercial & Vacant	nclude all
b. a. Total acreage of the site of the proposed action? 4.70 acres	
b. Total acreage to be physically disturbed? acres c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 4.70 acres	
c. Is the proposed action an expansion of an existing project or use? i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, he square feet)? % Units:	☐ Yes ✓ No ousing units,
square feet)? % Units: d. Is the proposed action a subdivision, or does it include a subdivision?	□Yes ☑ No
If Yes, i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)	
ii. Is a cluster/conservation layout proposed?iii. Number of lots proposed?	□Yes□No
	☐ Yes Z No
 i. If No, anticipated period of construction: ii. If Yes: 	
Total number of phases anticipated	
• Anticipated commencement date of phase 1 (including demolition) month year	
 Anticipated completion date of final phase Generally describe connections or relationships among phases, including any contingencies where progress determine timing or duration of future phases: 	

f Does the project	t include new resid	ential uses?			Vaq 7Na
	bers of units propo				Section 4, Item a.
ii 105, Show hun	One Family	Two Family	Three Family	Multiple Family (four or more)	Section 4, item a.
	one runny	<u>1 110 1 anni j</u>	<u> mee rumij</u>	Transport Turning (Total of More)	
Initial Phase					
At completion					
of all phases					
D	14''11		.1	1'	
	sed action include	new non-residentia	al construction (incl	uding expansions)?	∠ Yes □ No
If Yes,	of structures	4			
i. Dimensions (in fact) of largest n	non a sad structures	10 haight	65 width; and 90 length	
iii Approximate	artent of building	roposeu su uciure.		5,685 square feet	
				ll result in the impoundment of any	□Yes Z No
	s creation of a water	r supply, reservoir	, pond, lake, waste l	agoon or other storage?	
If Yes,					
<i>i</i> . Purpose of the	impoundment:			Ground water Surface water stream	
ii. If a water imp	oundment, the princ	cipal source of the	water:	Ground water Surface water stream	ıs ☐Other specify: ☐
iii. If other than v	rater, identify the ty	pe of impounded/	contained liquids an	nd their source.	
iv. Approximate	size of the propose	d impoundment.	Volume:	million gallons; surface area: height; length	acres
v. Dimensions o	f the proposed dam	or impounding str	ructure:	height;length	
vi. Construction	method/materials f	for the proposed da	am or impounding st	tructure (e.g., earth fill, rock, wood, concr	rete):
D.2. Project Op	erations				
a. Does the propo	sed action include a	any excavation, m	ining, or dredging, d	during construction, operations, or both?	Yes √ No
				s or foundations where all excavated	100
materials will r		ition, grading or in	istaliation of attitude	of foundations where an executated	
If Yes:	• • • • • • • • • • • • • • • • • • • •				
	<i>i</i> .What is the purpose of the excavation or dredging?				
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?					
Volume (specify tons or cubic yards):					
Over what duration of time?					
			se excavated or dred	ged and plans to use manage or dispose	of them
iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.					
iv Will there be	onsite dewatering	or processing of ex	cavated materials?		Yes No
			converted inaterials.		
ii jes, aeseii					
v. What is the to	tal area to be drode	ed or evenuated?			
v. What is the m	avimum area to be	worked at any and	tima?	acres acres	
vi. What would b	aximum area 10 0e	worked at any one	on duodoino?	feet	
			or dredging?		
	vation require blast				∐Yes ☐No
b. Would the proj	osed action cause	or result in alterati	on of, increase or de	ecrease in size of, or encroachment	☐Yes Z No
	ng wetland, waterb	ody, shoreline, bea	ach or adjacent area?	?	-
If Yes:					
				water index number, wetland map number	
description):					

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation	on fill placement of structures on
alteration of channels, banks and shorelines. Indicate extent of activities, alterations and	
anciation of chaliness, banks and shorelines. Indicate extent of activities, arctations and	duditions in square feet of Section 4, item a.
::: W'!! d	
<i>iii.</i> Will the proposed action cause or result in disturbance to bottom sediments? If Yes, describe:	□Yes□No
iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation	on? Yes No
If Yes:	
acres of aquatic vegetation proposed to be removed:	
expected acreage of aquatic vegetation remaining after project completion:	
• purpose of proposed removal (e.g. beach clearing, invasive species control, boat acc	ess):
proposed method of plant removal:	
if chemical/herbicide treatment will be used, specify product(s):	
v. Describe any proposed reclamation/mitigation following disturbance:	
c. Will the proposed action use, or create a new demand for water?	Z Yes □No
If Yes:	105_10
i. Total anticipated water usage/demand per day: 1000_gallon	ns/day
ii. Will the proposed action obtain water from an existing public water supply?	✓ Yes □ No
If Yes:	
Name of district or service area: Consolidated Water District - WD321	
 Does the existing public water supply have capacity to serve the proposal? 	∠ Yes □ No
• Is the project site in the existing district?	✓ Yes No
• Is expansion of the district needed?	☐ Yes ✓ No
 Do existing lines serve the project site? 	✓ Yes No
iii. Will line extension within an existing district be necessary to supply the project?	□Yes ∠ No
If Yes:	
Describe extensions or capacity expansions proposed to serve this project:	
Source(s) of supply for the district:	
iv. Is a new water supply district or service area proposed to be formed to serve the project s	ite?
If, Yes:	
Applicant/sponsor for new district:	
Date application submitted or anticipated:	
Proposed source(s) of supply for new district:	
v. If a public water supply will not be used, describe plans to provide water supply for the p	project:
vi. If water supply will be from wells (public or private), what is the maximum pumping cap	acity: gallons/minute.
d. Will the proposed action generate liquid wastes?	✓ Yes □ No
If Yes:	
i. Total anticipated liquid waste generation per day: gallons/day	
ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combinat	ion, describe all components and
approximate volumes or proportions of each):	
Sanitary Wastewater	
iii. Will the proposed action use any existing public wastewater treatment facilities?	☐Yes Z No
If Yes:	
Name of wastewater treatment plant to be used:	
Name of district:	
Does the existing wastewater treatment plant have capacity to serve the project?	☐ Yes ☐ No
• Is the project site in the existing district?	□Yes □No
• Is expansion of the district needed?	□Yes □No

 Do existing sewer lines serve the project site? 	
 Will a line extension within an existing district be necessary to serve the project? 	Section 4, Item a.
If Yes:	
Describe extensions or capacity expansions proposed to serve this project:	
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?	☐Yes Z No
If Yes:	
Applicant/sponsor for new district:	
Date application submitted or anticipated:	
What is the receiving water for the wastewater discharge?	
v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including special	fying proposed
receiving water (name and classification if surface discharge or describe subsurface disposal plans):	
Wastewater treatments will be provided with an on-site wastewater treatment system.	
vi. Describe any plans or designs to capture, recycle or reuse liquid waste:	
e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point	Z Yes □No
sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point	
source (i.e. sheet flow) during construction or post construction?	
If Yes:	
i. How much impervious surface will the project create in relation to total size of project parcel?	
Square feet or4.70 acres (impervious surface)	
Square feet or $\frac{4.70}{}$ acres (parcel size)	
ii. Describe types of new point sources.Roof Leaders and Parking lot runoff	
1771 - 111 d	
iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent pro	operties,
groundwater, on-site surface water or off-site surface waters)?	
All stormwater to be collected by proposed stormwater catchbasins, and treated with the use of underground infiltration chambers.	
TC	
If to surface waters, identify receiving water bodies or wetlands:	
	
Will stormwater runoff flow to adjacent properties?	☐Yes Z No
	☐ Yes Z No
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel	□Yes ☑ No
combustion, waste incineration, or other processes or operations?	
If Yes, identify:	
i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)	
ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)	
iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)	
g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit,	☐Yes Z No
g. will any air emission sources named in D.2.1 (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit?	□ i es M No
If Yes:	
	□Yes□No
i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet	
ambient air quality standards for all or some parts of the year)	
ii. In addition to emissions as calculated in the application, the project will generate:	
•Tons/year (short tons) of Carbon Dioxide (CO ₂)	
•Tons/year (short tons) of Nitrous Oxide (N ₂ O)	
•Tons/year (short tons) of Perfluorocarbons (PFCs)	
•Tons/year (short tons) of Sulfur Hexafluoride (SF ₆)	
•Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)	
•Tons/year (short tons) of Hazardous Air Pollutants (HAPs)	

1 11111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		DVag ZNa
h. Will the proposed action generate or emit methane (inclu landfills, composting facilities)?	iding, but not limited to, sewage treatment plants,	Section 4, Item a.
If Yes:		Geetion 4, nem a.
i. Estimate methane generation in tons/year (metric):ii. Describe any methane capture, control or elimination methane		
<i>ii.</i> Describe any methane capture, control or elimination me electricity, flaring):		nerate heat or
i. Will the proposed action result in the release of air polluta	ants from open-air operations or processes, such as	□Yes / No
quarry or landfill operations?	ional archaviat, made manticulates (dust).	
If Yes: Describe operations and nature of emissions (e.g., d	leser exhaust, rock particulates/dust):	
j. Will the proposed action result in a substantial increase in	a traffic above present levels or generate substantial	V Yes No
new demand for transportation facilities or services?	i traffic above present levels of generate substantial	V I CS INO
If Yes:		
i. When is the peak traffic expected (Check all that apply)		
 ✓ Randomly between hours of 8 A.M. to 8 P.M ii. For commercial activities only, projected number of tru).
with the commence of the company projection is also at the	and the sum of the (e.g., some times and times and	,,
iii. Parking spaces: Existing 0	Proposed 31 Net increase/decrease	+31
<i>iv.</i> Does the proposed action include any shared use parkir		□Yes☑No
v. If the proposed action includes any modification of exi		
There <u>will be two new access driveway.</u> vi. Are public/private transportation service(s) or facilities a	available within 1/ mile of the managed site?	DVagDNa
vii Will the proposed action include access to public transp		□Yes ⊘ No □Yes ⊘ No
or other alternative fueled vehicles?	·	
viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing ☐Yes ☑No		
pedestrian or bicycle routes?		
k. Will the proposed action (for commercial or industrial pr for energy?	rojects only) generate new or additional demand	Z Yes ☐ No
If Yes:		
i. Estimate annual electricity demand during operation of t	the proposed action:	
ii. Anticipated sources/suppliers of electricity for the project	-4 (i4 i i	14:1:4
other):	ct (e.g., on-site combustion, on-site renewable, via grid/10	cal utility, or
Via Grid/Local Utility		
iii. Will the proposed action require a new, or an upgrade, to	o an existing substation?	□Yes ☑ No
l. Hours of operation. Answer all items which apply.		
i. During Construction:	ii. During Operations:	
• Monday - Friday: 7 A.M 7 P.M	• Monday - Friday: 8 A.M 8 P.M	
• Saturday: 7 A.M 7 P.M	• Saturday: 8 A.M 8 P.M	
• Sunday:	• Sunday: 8 A.M 8 P.M	
Holidays:	Holidays: 8 A.M 8 P.M	

m	Will the proposed action produce noise that will exceed existing ambient noise levels during construction,	DV oc DNo
	operation, or both?	0
		Section 4, Item a.
Ify		
l.	Provide details including sources, time of day and duration:	
		
	Will the proposed action remove existing natural barriers that could act as a noise barrier or screen?	□Yes□No
	Describe:	
n I	Will the proposed action have outdoor lighting?	Z Yes □No
		M 1 cs 🗆 110
	yes:	
<i>l</i> .	Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:	
ii.	Will proposed action remove existing natural barriers that could act as a light barrier or screen?	☐ Yes Z No
	Describe:	
o. I	Does the proposed action have the potential to produce odors for more than one hour per day?	☐ Yes Z No
	If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest	
	occupied structures:	
p. \	Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons)	Z Yes □No
	or chemical products 185 gallons in above ground storage or any amount in underground storage?	
	Tes:	
	Product(s) to be stored Gasoline & Diesel	
	Generally, describe the proposed storage facilities:	
The	proposed storage facility is convenience store which include commercial gasoline and diesel sale.	
a. ^v	Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides,	☐ Yes ☑ No
	insecticides) during construction or operation?	
	Ves:	
	. Describe proposed treatment(s):	
ι	. Describe proposed treatment(s).	
	. Will the proposed action use Integrated Pest Management Practices?	☐ Yes ☐No
r. V	Vill the proposed action (commercial or industrial projects only) involve or require the management or disposal	☐ Yes Z No
C	f solid waste (excluding hazardous materials)?	
	Yes:	
	Describe any solid waste(s) to be generated during construction or operation of the facility:	
ι.		
	• Construction: <0.1 tons per week (unit of time)	
	• Operation : <0.5 tons per week (unit of time)	
ii.	Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:	
	Construction: Recycling	
	Operation: Recycling	
	- F	
iii	Proposed disposal methods/facilities for solid waste generated on-site:	
ııı.		
	Construction: Service Hauler	
	Operation: Service Hauler	

s. Does the proposed action include construction or modified If Yes:	ification of a solid waste mai	nagement facility?		
If Yes: i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, land, or other disposal activities): Section 4, 4, 6, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,				
 ii. Anticipated rate of disposal/processing: Tons/month, if transfer or other non-combustion/thermal treatment, or Tons/hour, if combustion or thermal treatment 				
iii. If landfill, anticipated site life:				
t. Will the proposed action at the site involve the comme waste? If Yes:	rcial generation, treatment, s	torage, or disposal of hazardo	ous 🗌 Yes 💋 No	
i. Name(s) of all hazardous wastes or constituents to be	e generated, handled or mana	ged at facility:		
ii. Generally describe processes or activities involving h	nazardous wastes or constitue	ents:		
iii. Specify amount to be handled or generatedto iv. Describe any proposals for on-site minimization, rec	ons/month	constituents:		
v. Will any hazardous wastes be disposed at an existing If Yes: provide name and location of facility:			□Yes□No	
If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:				
E. Site and Setting of Proposed Action				
a. Existing land uses. i. Check all uses that occur on, adjoining and near the project site. ☐ Urban ☐ Industrial ☐ Commercial ☐ Residential (suburban) ☐ Rural (non-farm) ☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): ii. If mix of uses, generally describe:				
b. Land uses and covertypes on the project site.				
Land use or	Current	Acreage After	Change	
Covertype	Acreage	Project Completion	(Acres +/-)	
 Roads, buildings, and other paved or impervious surfaces 	0.2	2.63	+2.43	
• Forested				
Meadows, grasslands or brushlands (non- agricultural, including abandoned agricultural)	3.8	1.12	-2.68	
Agricultural (includes active orchards, field, greenhouse etc.)				
Surface water features				
(lakes, ponds, streams, rivers, etc.)Wetlands (freshwater or tidal)				
Wetlands (freshwater or tidal) Non-vegetated (bare rock, earth or fill)	` '			
Other Describe:				

c. Is the project site presently used by members of the community for public recreation?	Vac/Na
i. If Yes: explain:	Section 4, Item a.
d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes, i. Identify Facilities:	Z Yes∐No
Woodsedge Senior Housing	
e. Does the project site contain an existing dam? If Yes:	☐Yes Z No
i. Dimensions of the dam and impoundment:	
• Dam height: feet	
• Dam length: feet	
• Surface area: acres	
• Volume impounded: gallons OR acre-feet	
ii. Dam's existing hazard classification:iii. Provide date and summarize results of last inspection:	
tit. Flovide date and summarize results of last hispection.	
f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility.	☐ Yes No ity?
If Yes:	
i. Has the facility been formally closed?	☐Yes☐ No
If yes, cite sources/documentation:	
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:	
	
iii. Describe any development constraints due to the prior solid waste activities:	
m. Beserve any development constraints due to the prior sond waste derivities.	
TI 1 1	
g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? If Yes:	□ Yes ☑ No
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurre	ed:
h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any	☐Yes Z No
remedial actions been conducted at or adjacent to the proposed site?	
If Yes:	
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site	□Yes□No
Remediation database? Check all that apply:	
Yes – Spills Incidents database Provide DEC ID number(s):	
Yes – Environmental Site Remediation database Provide DEC ID number(s):	
☐ Neither database	
ii. If site has been subject of RCRA corrective activities, describe control measures:	
W. J. d	
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?	☐ Yes ✓ No
If yes, provide DEC ID number(s):	
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):	

v. Is the project site subject to an institutional control limiting property uses?	DV as DNa
If yes, DEC site ID number:	Section 4, Item a.
Describe the type of institutional control (e.g., deed restriction or easement):	<u> </u>
Describe any use limitations:	
 Describe any use limitations: Describe any engineering controls: 	
Will the project affect the institutional or engineering controls in place?	□Yes□No
Explain:	
E.2. Natural Resources On or Near Project Site	
a. What is the average depth to bedrock on the project site? N/A feet	
b. Are there bedrock outcroppings on the project site?	✓ Yes No
If Yes, what proportion of the site is comprised of bedrock outcroppings?	
c. Predominant soil type(s) present on project site: Ovid Silt Loam 99.3 %	
c. I redominant son type(s) present on project site.	
J What is the account doubt to the content to be considered.	
d. What is the average depth to the water table on the project site? Average:0.5-1.5 feet	
e. Drainage status of project site soils: Well Drained: % of site	
✓ Moderately Well Drained:% of site	
Poorly Drained% of site	
f. Approximate proportion of proposed action site with slopes: 🗸 0-10%: 100 % of site	
□ 10-15%:% of site	
15% or greater:% of site	
g. Are there any unique geologic features on the project site?	☐Yes Z No
If Yes, describe:	
h. Surface water features.	
<i>i.</i> Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers,	✓ Yes No
ponds or lakes)?	
ii. Do any wetlands or other waterbodies adjoin the project site?	✓ Yes No
If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i.	
iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal,	∠ Yes □No
state or local agency?	
iv. For each identified regulated wetland and waterbody on the project site, provide the following information:	
• Streams: Name 898-245 Classification C	
 Lakes or Ponds: Name Wetlands: Name Federal Waters, Federal Waters, Federal Waters, Classification Approximate Size	
• W (1 1) ('C 1 (11 DEC)	
v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired	☐Yes Z No
waterbodies?	
If yes, name of impaired water body/bodies and basis for listing as impaired:	
i. Is the project site in a designated Floodway?	□Yes Z No
j. Is the project site in the 100-year Floodplain?	□Yes Z No
k. Is the project site in the 500-year Floodplain?	∐Yes Z No
1. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer?	∐Yes Z No
If Yes:	
i. Name of aquifer:	

m. Identify the predominant wildlife species that occupy or use the project site:		
		Section 4, Item a.
n. Does the project site contain a designated significant natural community? If Yes: i. Describe the habitat/community (composition, function, and basis for design	nation):	☐Yes Z No
ii. Source(s) of description or evaluation:		
iii. Extent of community/habitat:		
• Currently:	acres	
Following completion of project as proposed:		
• Gain or loss (indicate + or -):		
o. Does project site contain any species of plant or animal that is listed by the fe endangered or threatened, or does it contain any areas identified as habitat for		Yes No
If Yes: i. Species and listing (endangered or threatened):		
p. Does the project site contain any species of plant or animal that is listed by N special concern?	IYS as rare, or as a species of	□Yes☑No
If Yes:		
i. Species and listing:		
	1.11 (7.11)	
q. Is the project site or adjoining area currently used for hunting, trapping, fishing If yes, give a brief description of how the proposed action may affect that use:		□Yes ☑ No
if yes, give a oriel description of now the proposed action may affect that use: _		
E.3. Designated Public Resources On or Near Project Site		
a. Is the project site, or any portion of it, located in a designated agricultural dist	trict certified pursuant to	□Yes Z No
Agriculture and Markets Law, Article 25-AA, Section 303 and 304?		
If Yes, provide county plus district name/number:		
b. Are agricultural lands consisting of highly productive soils present?		∐Yes ∐No
i. If Yes: acreage(s) on project site?		
ii. Source(s) of soil rating(s):		
c. Does the project site contain all or part of, or is it substantially contiguous to Natural Landmark?	, a registered National	∐Yes ☑ No
If Yes:		
	Geological Feature	
ii. Provide brief description of landmark, including values behind designation	and approximate size/extent:	
d. Is the project site located in or does it adjoin a state listed Critical Environme	ntal Area?	☐Yes Z No
If Yes:	1104.	
i. CEA name:		
ii. Basis for designation:		
iii. Designating agency and date:		

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district	V _{as} □N _a
which is listed on the National or State Register of Historic Places, or that has been determined by the Commission	Section 4, Item a
Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Place	,
If Yes:	.03:
i. Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District	
ii. Name: Rogues Harbor Inn	
iii. Brief description of attributes on which listing is based:	
Rogue's Harbor Inn is a National Historic Landmark which was built in 1830.	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	✓ Yes N o
g. Have additional archaeological or historic site(s) or resources been identified on the project site? If Yes:	☐Yes Z No
i. Describe possible resource(s):	
ii. Basis for identification:	
h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	✓ Yes □No
If Yes:	
i. Identify resource: Taughannock Fall State Park	
ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or s	cenic byway,
etc.): State Park	
iii. Distance between project and resource: 4.8 miles.	
 i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? If Yes: 	☐ Yes No
<i>i.</i> Identify the name of the river and its designation:	
ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	□Yes□No
u. is the detivity consistent with development restrictions contained in orvi CRR 1 art 000.	
F. Additional Information Attach any additional information which may be needed to clarify your project. If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts which you propose to avoid or minimize them.	pacts plus any
G. Verification I certify that the information provided is true to the best of my knowledge.	
Applicant/Sponsor Name Brian Grose Date 03/22/2022	
Signature Title_Project Manager	



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



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E.2.k. [500 Year Floodplain]	Digital mapping data are not available or are incomplete. Refe Workbook.	r to EAF
E.2.I. [Aquifers]	No	Section 4, Item a.
E.2.n. [Natural Communities]	No	
E.2.o. [Endangered or Threatened Species]	No	
E.2.p. [Rare Plants or Animals]	No	
E.3.a. [Agricultural District]	No	
E.3.c. [National Natural Landmark]	No	
E.3.d [Critical Environmental Area]	No	
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries available. Refer to EAF Workbook.	are not
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Rogues Harbor Inn	
E.3.f. [Archeological Sites]	Yes	
E.3.i. [Designated River Corridor]	No	





APPLICATION FOR SITE DEVELOPMENT PLAN APPROVAL

Preliminary	_ Date: <u>03/22/2022</u>	Final	Date:
Name of Propos	ed Development: Dandy N	lini-Mart	
Applicant:		Plans pre	pared by:
Name: Dandy Min	i Marts Inc	Name: Faç	gan Engineers & Land Surveyors, P.C.
Address: 6221 Mi			113 E. Chemung Place
Sayre, PA 18840		Elmira, NY	
Telephone: (570)	888-4344 x133	Telephone	e: <u>(</u> 607) 734-2165
Owner (if differe	ent)	,	han one owner, provide on for each)
Name:		Soo sor	parate sheet for
		966 961	ty owner information
		-	
Location of site:	All of three parcels and portio	ns of two additiona	I parcels to be merged
located at and aroun	nd 7 Ridge Road, Lansing		
Tax map descrip	otion		
Section: 31	Block: <u>6</u>		Lot: 9.1,10,11,13,14
Current zoning	classification: B1, B2		
	l permits needed (list type -COM, NYSDEC - SPDES Per		te department)
Proposed use of	site: Gasoline Service Station	n & Convenience S	Store

11/13/06

Total site area (square feet or acres) 4.7 acres
Anticipated construction time: 9 months. Starting June 2022.
Will development be staged? No
Current land use of site (agriculture, commercial, undeveloped, etc.) Commercial/Residential
Current condition of site (buildings, brush etc.) Vacant Buildings & Brush
Current condition of site (buildings, brusil etc.)
Character of surrounding lands (suburban, agriculture, wetlands, etc.) Suburban, agricultural
TDD ATDD
Estimated cost of proposed improvement: \$\frac{TBD}{}
Anticipated increase in number of residents, shoppers, employees, etc. (as applicable) Anticipated Employees - 5 - 10
Anticipated Shoppers - Passerby Commuters

Describe proposed use including primary use, ground floor area, height and number of stories for each building:

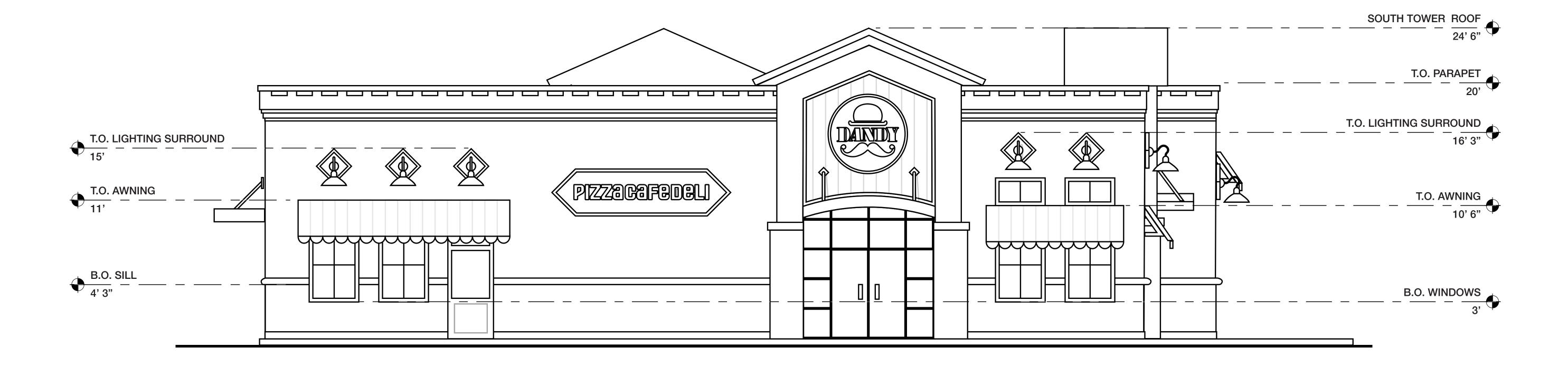
- for residential buildings, include number of dwelling units by size (efficiency, one bedroom, two bedroom, three or more bedrooms) and number of parking spaces to be provided.
- for non-residential buildings, include total floor area, total sales area, number of automobile and truck parking spaces.
- other proposed structures.

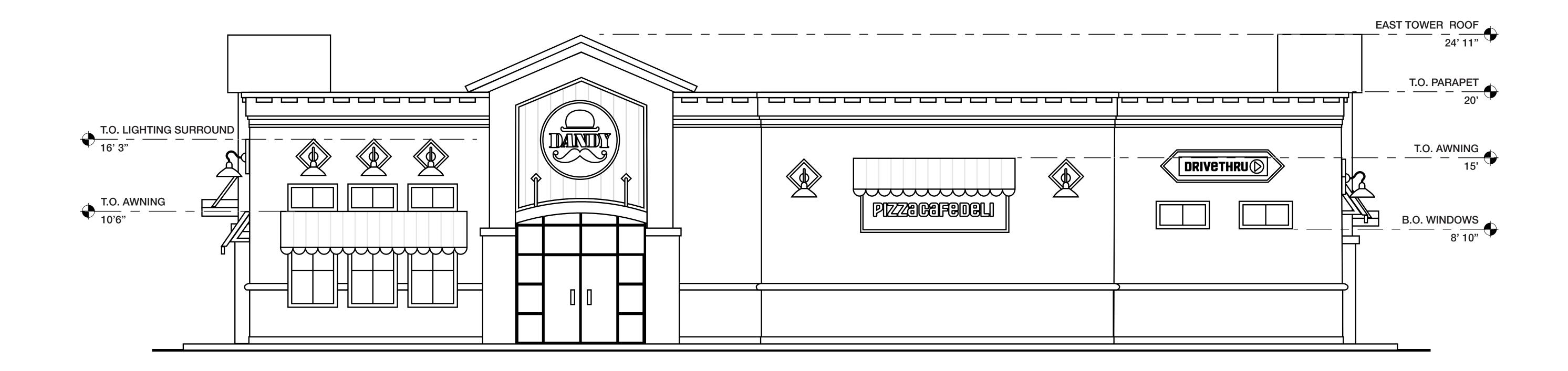
Proposed commercial building shall be 5,685 SQFT. There will be a total of 28 passenger car parking stalls, and 5 tractor trailer parking stalls. There will be a gasoline fueling island with the dimensions of 128' x 24', and a diesel fueling island with the dimensions of 48' x 22'. There will be a drive-thru and outdoor seating as well. There will be a septic system and stormwater basin on the west corner of the proposed property.

11/13/06



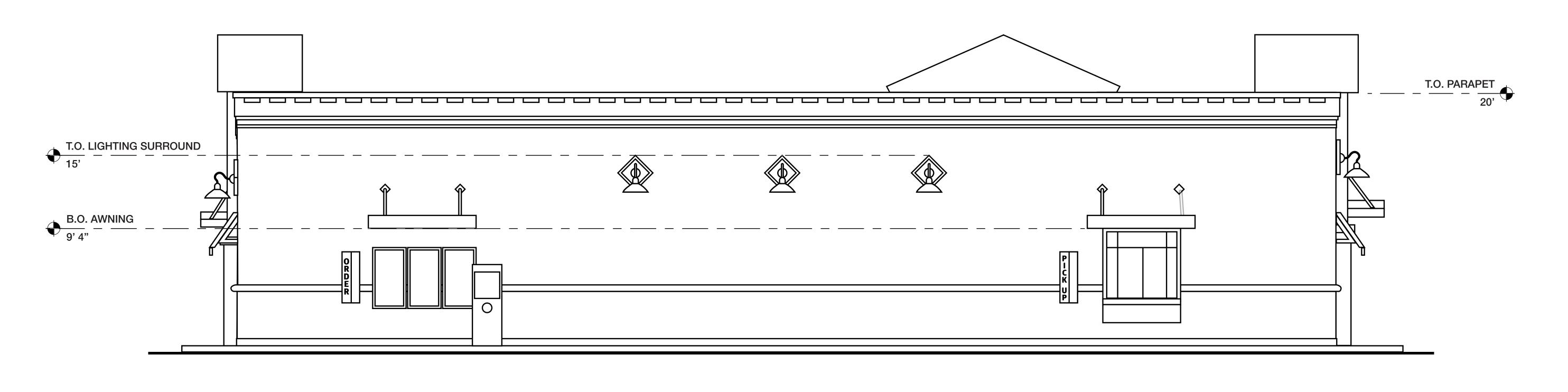
SOUTH ELEVATION 1/4" = 1'-0"





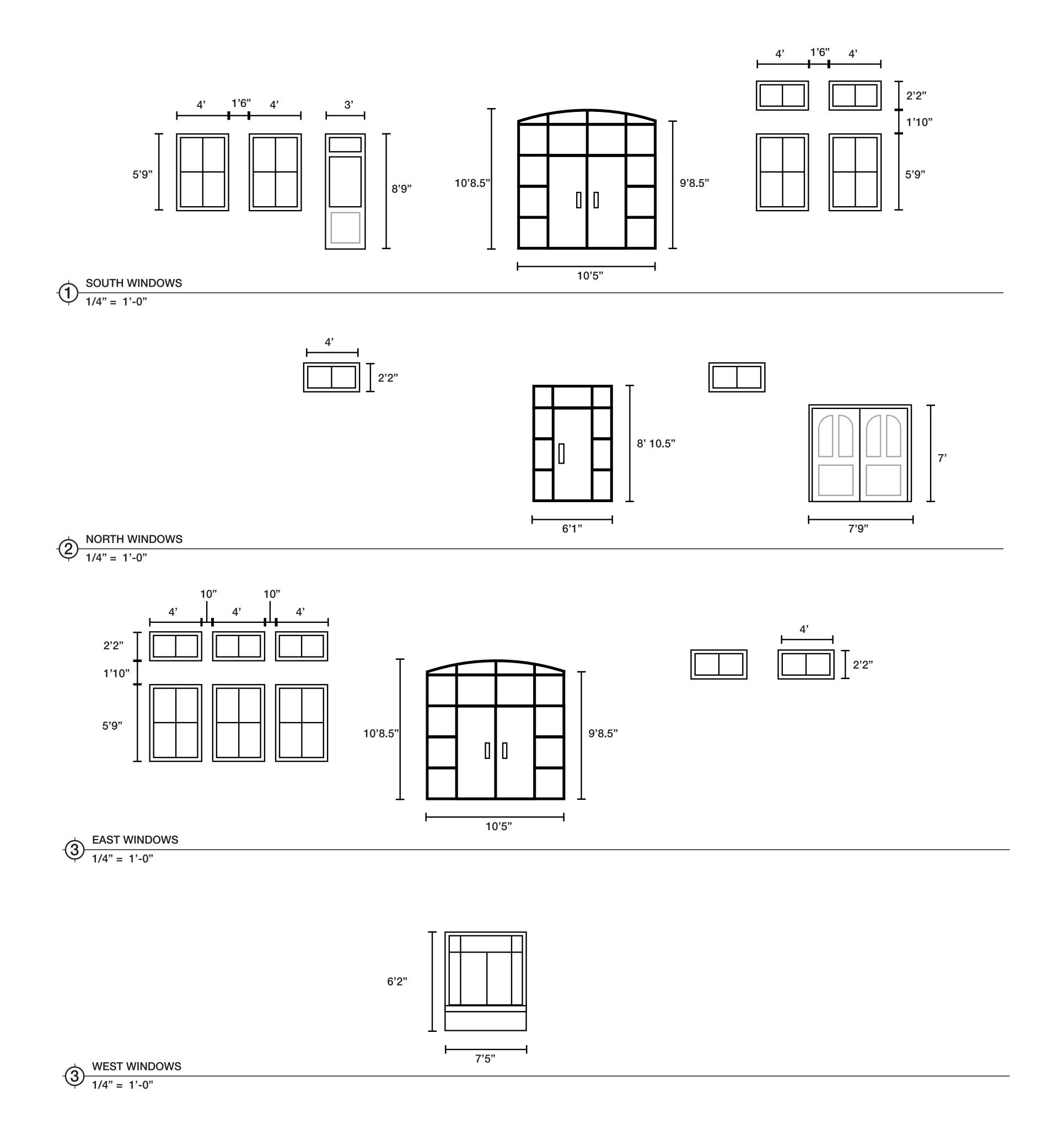
EAST ELEVATION

1/4" = 1'-0"



WEST ELEVATION

1/4" = 1'-0"

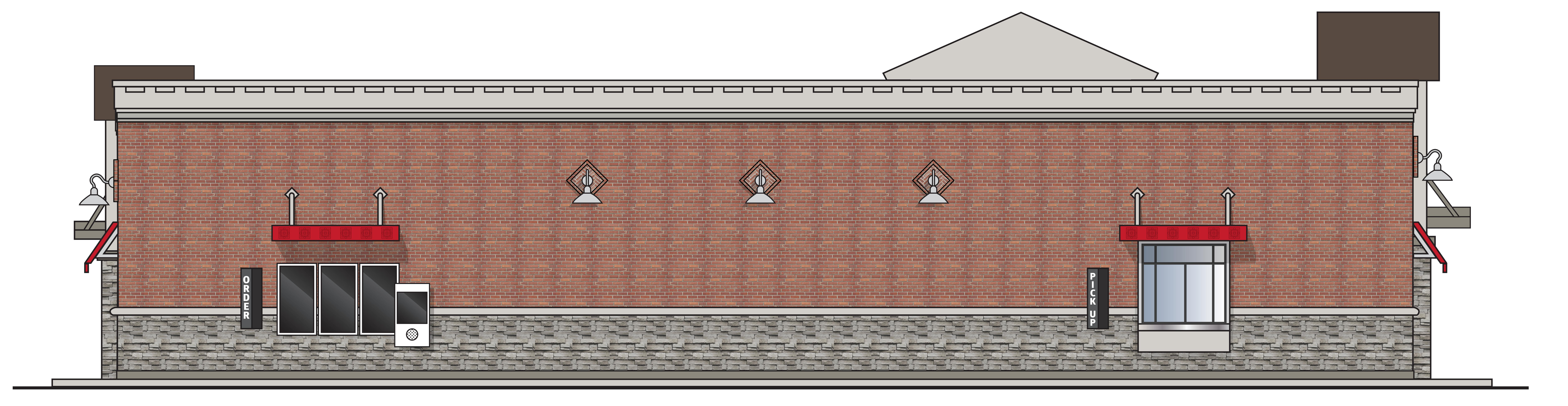








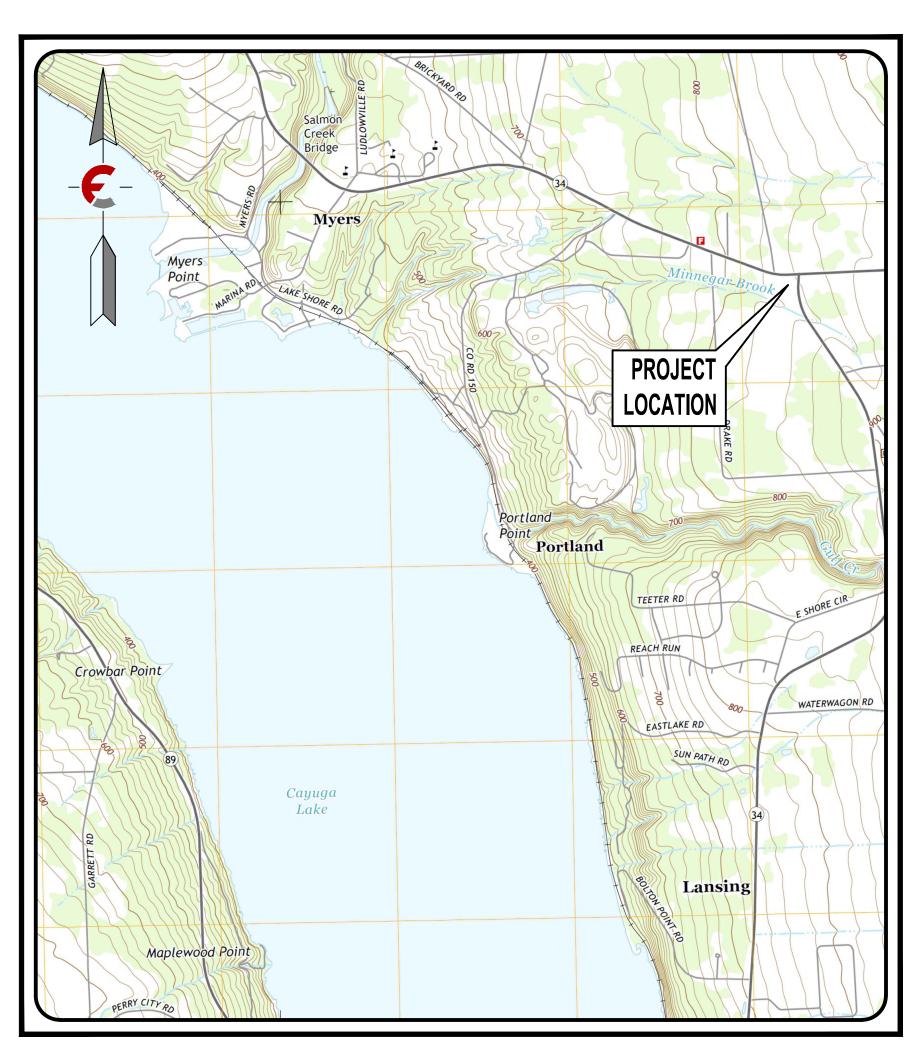




Site Plan Drawings For

PROPOSED DANDY MINI-MART

LANSING (T), TOMPKINS (Co.), NEW YORK



LOCATION MAP

November 30, 2020

Last Revised: April 27, 2022

PREPARED FOR:

JUST DANDY LLC 6221 Mile Lane Road Sayre, PA 18840

	INDEX OF DRAWINGS
NO.	TITLE
C1	GENERAL NOTES
C2	EXISTING CONDITIONS
C3	SITE PLAN
C4	GRADING PLAN
C5	UTILITY PLAN
C6	SITE PROFILES
C7	LANDSCAPING PLAN
C8	CIVIL DETAILS
C9	CIVIL DETAILS
C10	CIVIL DETAILS
C11	SEWER DETAILS
C12	SEWER DETAILS
C13	E & S PLAN
C14	E & S DETAILS
C15	NYSDOT WORKZONE DETAILS
C16	NYSDOT WORKZONE DETAILS
C17	NYSDOT WORKZONE DETAILS
C18	NYSDOT WORKZONE DETAILS
C19	TRUCK TURNING PLAN

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2. 03/21/22 Preliminary Site Plan Submission
1. 07/29/21 Added Southern Fenceline
Rev. Date Revision Description

It Is A Violation Of The New York Education Law, Article 145 Section 7209, For Any Person, Unless He Is Acting Under The Direction Of A Licensed Professional Engineer Or Land Surveyor To Alter An Item In Any Way. If An Item Bearing The Seal Of An Engineer Or Land Surveyor Is Altered, The Altering Engineer Or Land Surveyor Shall Affix To The Item His Seal And The Notation "Altered By" Followed By His Signature And The Date Of Such Alteration, And A Specific Description Of The Alteration.

SEAL

PROPOSED DANDY
MINI-MART



Scale:	As Noted 17 Prints are 1/2 Size
Date:	November 30, 2020
Design By:	JBG, RSN
Drawn By:	RSN
Checked By:	JBG
Project No.:	2020.062
Drawing Name	20062.dwg

TITLE

CO

GENERAL

- BASE MAPPING PREPARED BY WEILER ASSOCIATES PROJECT #16510T DATED 10/20/2020.
- 2. THE PROJECT SITE DOES NOT CONTAIN FEMA DELINEATED FLOODWAYS OR FLOODPLAINS.
- 3. THE PROJECT SITE DOES NOT CONTAIN FEDERALLY REGULATED WETLANDS ON-SITE, NOR ANY NWI MAPPED WETLANDS.
- 4. MUNICIPAL WATER SERVICE PROVIDED BY BOLTON POINT.
- 5. PROJECT SITE IS NOT SERVED BY PUBLIC SANITARY SEWER. SEPTIC SYSTEM TO BE REVIEW BY COUNTY HEALTH DEPARTMENT.
- 6. THE CONTRACTOR'S SURVEYOR SHALL CHECK ALL HORIZONTAL AND VERTICAL CONTROL PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL PROMPTLY BE BROUGHT TO THE ATTENTION OF THE
- 7. THE CONTRACTOR SHALL KEEP HIS OPERATIONS WITHIN THE PROJECT LIMITS OF DISTURBANCE.
- 8. ALL DAMAGE TO PRIVATE PROPERTY OR UTILITIES (UNDER OR ABOVE GROUND) SHALL BE REPORTED TO THE OWNER OF RECORD AT ONCE.
- 9. CONSTRUCTION ALONG CITY, TOWN, AND STATE ROADS SHALL CONFORM TO SPECIFICATIONS LISTED ON PERMITS ISSUED BY THE APPROPRIATE AGENCIES.
- 10. SAFE AND CONTINUOUS THROUGH TRAFFIC, INGRESS AND EGRESS FOR ADJACENT OWNER DRIVEWAYS, SERVICE ROADS, PUBLIC STREETS, AND SIDEWALKS SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LOCAL MUNICIPALITY AND NEW YORK STATE D.O.T. AN ACCEPTABLE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR CONSTRUCTION IN/ALONG/NEAR TOWN AND STATE ROADWAYS.
- 11. HIGHWAY DRAINAGE, SIDE STREET DRAINAGE, SWALES, DITCHES, AND OTHER EXISTING DRAINAGE FACILITIES SHALL BE PROTECTED AND MAINTAINED IN ADEQUATE WORKING CONDITION DURING CONSTRUCTION. THE CONTRACTOR SHALL RESTORE ANY OF SUCH FACILITIES THAT ARE DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE OWNER OF THE INFRASTRUCTURE.
- 12. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS.
- 13. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DISTURB AND/OR DAMAGE PROPERTY CORNERS (IRON PINS, HUBS, ECT.). ANY DISTURBED OR DAMAGED PROPERTY CORNERS SHALL BE REPLACED BY THE CONTRACTOR'S LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- 14. ALL EXISTING UTILITIES SUCH AS ELECTRIC, GAS MAINS, AND TELEPHONE SHALL BE STAKED OUT BY THE UTILITY COMPANY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL NEW YORK STATE DIG SAFELY (1-800-962-7962) PRIOR TO CONSTRUCTION AND NOTIFY UTILITY COMPANIES FOR STAKEOUT.
- 15. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES. IF UTILITIES ARE DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL REPAIR THESE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE
- 16.EXISTING WATERMAIN LOCATIONS AND DEPTHS SHOWN ARE APPROXIMATE. EXISTING INDIVIDUAL WATER SERVICES ARE NOT SHOWN ON DRAWINGS
- 17. THE CONTRACTOR SHALL NOTIFY OWNER OF ALL IMPACTED MUNICIPAL WATER SYSTEMS, THE RESIDENT ENGINEER AND THE FIRE DEPARTMENT 48 HOURS IN ADVANCE PRIOR TO CONSTRUCTION ON AND INTERRUPTION OF SERVICE OF ANY WATERMAINS. THE CONTRACTOR SHALL PROTECT ALL WATER SERVICE LINES AND PRIVATE WELLS. THE CONTRACTOR SHALL HAVE AMPLE SUPPLY OF REPAIR CLAMPS. COUPLINGS, AND PIPING FOR EMERGENCY REPAIRS.
- 18. IN AREAS WHERE THE CONTRACTOR IS EXCAVATING NEAR ANY UTILITY POLES, THE CONTRACTOR SHALL BRACE AND/OR HOLD IN PLACE UNTIL EXCAVATED AREA IS BACKFILLED AND COMPACTED.
- 19. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL REMOVED VEGETATION, SOIL AND OTHER DISTURBED DEBRIS.
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING APPROPRIATE EROSION CONTROL MEASURES TO PREVENT SEDIMENT FROM MIGRATING OFF SITE. TO STORM SEWERS. OR ADJACENT ROADWAYS IN ACCORDANCE WITH THE APPROVED SWPPP.
- 21. ALL EXCAVATIONS SHALL PROVIDE PROTECTION TO THE WORK FORCE AS PER THE CURRENT O.S.H.A. REQUIREMENTS, AS WELL AS ANY STATE AGENCY REQUIREMENTS.
- 22. THE CONTRACTOR SHALL OBSERVE O.S.H.A. AND OTHER APPLICABLE SAFETY REQUIREMENTS. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR CONSTRUCTION SAFETY AT ALL TIMES.
- 23. CONTRACTOR SHALL REVIEW SOIL BORING AND TESTING REPORTS TO DETERMINE SPECIAL CONDITIONS REQUIRED FOR CONSTRUCTION AND SUITABILITY OF ON-SITE SOILS FOR FILL MATERIAL AND FOR INFORMATION ON GROUNDWATER DEPTHS.
- 24. ALL DISTURBED AREAS SHALL BE SEEDED ACCORDING TO THE REQUIREMENTS SPECIFIED ON SHEET C4.7 AND THE EROSION AND SEDIMENTATION CONTROL PLANS.
- 25. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL FEATURES PRIOR TO BULK EARTHMOVING ACTIVITIES.
- 26. ALL LIGHT POLES, LIGHT FIXTURES AND ASSOCIATED CONDUIT SHALL BE PROVIDED AND INSTALLED UNDER A SEPARATE CONTRACT. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE CONTRACTOR RESPONSIBLE FOR THIS WORK AND PROVIDE THE NECESSARY EXCAVATION AND BACKFILL FOR INSTALLATION OF THE TRENCHING. THE SITE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SUPPLYING AND INSTALLING THE POLE BASES FOR ALL EXTERIOR LIGHTING FIXTURES.

SANITARY SEWERS

- 1. SANITARY SEWERS, MANHOLES, CLEANOUTS, AND OTHER APPURTENANCES SHALL BE CONSTRUCTED, AND TESTED IN ACCORDANCE WITH LOCAL MUNICIPAL SPECIFICATIONS.
- 2. SANITARY SEWERS SHALL BE SDR-35 PVC PIPE CONFORMING TO ASTM D-3034, WITH RUBBER GASKETED JOINTS CONFORMING TO ASTM D-3212 AND ASTM F-477.
- 3. TESTED SANITARY SEWERS SHALL HAVE AN INFILTRATION RATE OF LESS THAN 100 GALLONS PER MILE PER INCH DIAMETER OF PIPE PER DAY.
- 4. SANITARY SEWERS SHALL BE LAID WITH A STRAIGHT ALIGNMENT BETWEEN MANHOLES. AS PER THE RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES, 2014 EDITION, SECTION 33.85 DEFLECTION TEST. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE 30 DAYS. A RIGID BALL OR MANDREL USED FOR THE DEFLECTION TEST SHALL HAVE A DIAMETER NOT LESS THAN 95% OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE DEPENDING ON WHICH IS SPECIFIED IN THE ASTM SPECIFICATION, INCLUDING THE APPENDIX, TO WHICH THE PIPE IS MANUFACTURED.
- 5. THE CONTRACTOR SHALL CONCRETE ENCASE THE SANITARY SEWER LINE OR FORCEMAIN AT ALL POINTS WHERE VERTICAL SEPARATION IS LESS THAN 18' AT CROSSINGS WITH STORM SEWER LINES.
- ANY POLYETHYLENE FORCEMAIN SHALL BE TYPE DR-11 WITH A PRESSURE RATING OF 128 PSI.

III. STORM SEWERS

- 1. STORM SEWERS. MANHOLES. INLETS. DITCHES. AND OTHER SYSTEM COMPONENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH MUNICIPAL SPECIFICATIONS.
- 2. STORM SEWERS SHALL BE ADVANCED DRAINAGE SYSTEM'S ADS N-12 CORRUGATED, SMOOTH INTERIOR, HIGH DENSITY POLYETHYLENE (HDPE) PIPE. ADS N-12 STORM SEWER SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND ASTM D 2321
- 3. ALL FLARED-END SECTIONS SHALL BE GALVANIZED METAL END SECTIONS UNLESS OTHERWISE SPECIFIED.
- 4. RIPRAP PADS AT STORM SEWER DISCHARGES SHALL CONSIST OF NYSDOT LIGHT STONE FILLING UNLESS OTHERWISE NOTED ON THE CONTRACT DRAWINGS.
- 5. CROWN OF MULTIPLE PROPOSED STORM SEWER PIPES IS AT OR NEAR THE TOP OF THE SUBGRADE. CONTRACTOR SHALL PROTECT INTEGRITY OF ALL INSTALLED STORM SEWERS UNTIL SUFFICIENT COVER IS PLACED ON SAID PIPING.

IV. ACCESS ROADS AND PARKING AREA

- 1. LIMING, FERTILIZING, SEEDING, AND MULCHING OF DISTURBED AREAS SHALL BE CONSISTENT WITH THE APPROVED SWPPP.
- 2. SIGNAGE, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES SHALL BE IN CONFORMANCE TO THE NYSDOT'S MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 3. ROADWAY EMBANKMENT: OBTAIN SUBGRADE ELEVATION BY COMPACTING ON-SITE SOILS IN MAXIMUM 8 INCH HORIZONTAL LIFTS. USE ON-SITE SOILS AS EMBANKMENT FILL THAT DO NOT CONTAIN ORGANIC OR DELETERIOUS MATERIALS. ARE NOT EXCESSIVELY WET OR FROZEN. OR THAT HAS COBBLES IN EXCESS OF 6 INCHES ALONG THE LONGEST DIMENSION. IF SUITABLE ON-SITE SOILS ARE NOT AVAILABLE, A WELL GRADED BANK-RUN APPROVED BY THE ENGINEER SHALL BE IMPORTED. THE BANK-RUN GRAVEL SHALL BE SOUND, DURABLE, FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL, WITH NO MORE THAN 10 PERCENT BY WEIGHT FINER THAN NO. 200 SIEVE. ADJUST THE MOISTURE CONTENT OF THE EMBANKMENT FILL (WHETHER ON-SITE OR OTHERWISE) TO WITHIN 2% OF OPTIMUM BY EITHER AIR DRYING OR THROUGH THE ADDITION OF WATER PRIOR TO COMPACTION. SPREAD WET FILL IN AN 8 INCH LOOSE LIFT AND DISC TO EXPEDITE AIR DRYING.
- 4. ROADWAY EXCAVATION: EXCAVATE SUBSOIL TO THE DEPTH REQUIRED TO PROVIDE A UNIFORM SURFACE OF SOLID UNDISTURBED GROUND FOR THE PLACEMENT OF AGGREGATE SUBBASE COURSE.
- 5. FILL, SUBGRADE, AND SUBBASE SHALL BE COMPACTED TO OR ABOVE 95 PERCENT 'MODIFIED PROCTOR' DENSITY WITH A SMOOTH DRUM ROLLER, OR OTHER SUFFICIENT COMPACTION EQUIPMENT, WEIGHING AT LEAST 7 TONS. OPERATE COMPACTOR IN THE STATIC MODE FOR COMPACTION OF SILTY SOILS AND IN THE VIBRATORY MODE FOR ALL OTHER MATERIALS.
- SUBBASE MATERIAL SHALL BE PLACED IN MAXIMUM 6 INCH AND MINIMUM 3 INCH HORIZONTAL LIFTS. MAINTAIN OPTIMUM MOISTURE CONTENT FOR COMPACTION.
- 7. WHEREVER GROUNDWATER SEEPAGE IS ENCOUNTERED, INSTALL UNDERDRAINS BELOW THE SUBBASE. LAP UNDERDRAIN FABRIC WITH SUBBASE FABRIC.
- 8. BELOW THE SUBBASE, PROVIDE A SOIL STABILIZATION GEOTEXTILE FABRIC, SUBJECT TO THE ACCEPTANCE OF THE HIGHWAY SUPERINTENDENT, WITH THE FOLLOWING CERTIFIABLE PROPERTY VALUES: MINIMUM PUNCTURE STRENGTH OF 125 LBS., MINIMUM MULLEN BURST STRENGTH OF 430 PSI, MINIMUM GRAB TENSILE STRENGTH OF 220 LBS., AND MAXIMUM APPARENT OPENING SIZE OF 40-80 SIEVE.

V. PUBLIC WATER

- WATERMAINS, WATER SERVICES, FIRE HYDRANTS, AND OTHER APPURTENANCES SHALL BE CONSTRUCTED, TESTED, AND DISINFECTED IN ACCORDANCE WITH THE OWNER'S SPECIFICATIONS FOR WATERMAIN EXTENSIONS. WATERMAIN AND APPURTENANCE MATERIALS AND INSTALLATION SHALL COMPLY WITH NYSDOH STANDARDS AND AWWA STANDARD C600-93.
- 2. DUCTILE IRON PIPE SHALL BE CLASS 52. AND SHALL CONFORM IN ALL ASPECTS TO AWWA C-151. FITTING SHALL CONFORM IN ALL ASPECTS TO AWWA C-11- OR TO COMPACT FITTINGS AWWA C-153. ALL SHALL BE FURNISHED WITH CEMENT MORTAR LINING IN CONFORMANCE WITH AWWA C-104. PIPES SHALL HAVE GASKETED, PUSH-ON, JOINTS CONFORMING TO AWWA C-111
- 3. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER AND ANY TYPE OF SEWER UTILITIES (SANITARY OR STORM) SHALL BE 10 FEET, MEASURED FROM OUTSIDE WALL TO OUTSIDE WALL OF THE MAINS. THE MINIMUM VERTICAL SEPARATION DISTANCE AT THE POINT OF CROSSING SHALL BE 18 INCHES, ALSO MEASURED FROM OUTSIDE WALL TO OUTSIDE WALL.
- 4. WATERMAIN SHALL BE INSTALLED AT A CONTINUOUS UPWARD GRADE TO A POINT OF AIR RELEASE. POINTS OF AIR RELEASE INCLUDE WATER INCLUDE WATER SERVICES, FIRE HYDRANTS, AND BLOW-OFF VALVES.
- 5. SAMPLING REQUIREMENTS FOR THE DISINFECTION OF WATERMAINS SHALL BE CONSISTENT WITH AWWA STANDARD C651-92, SECTION 5.2 CONTINUOUS FEED METHOD, DISINFECTING WATERMAINS, AFTER FINAL FLUSHING AND BEFORE THE NEW WATERMAIN IS IN OPERATION, TWO CONSECUTIVE SAMPLES TAKEN 24 HOURS APART, SHALL BE COLLECTED FROM THE NEW WATERMAIN. AT LEAST ONE SET OF SAMPLES SHALL BE COLLECTED FROM EVERY 1200 LINEAR FEET OF WATERMAIN, PLUS ONE SET FROM THE END OF LINES AND EACH BRANCH.
- 6. FITTINGS SHALL BE DUCTILE IRON WITH MECHANICAL JOINTS.
- 7. HYDRANTS SHALL CONFORM TO WATER SYSTEMS SPECIFICATIONS WITH A 5' BURY, OPEN LEFT, TRAFFIC TYPE GROUND FLANGE, 6" INLET, (1) 4-1/2" NST STEAMER NOZZLE, (2) 2-1/2" NST HOSE NOZZLES MECHANICAL JOINT CONNECTION, 5" HYDRANT VALVE SEAT, AND A PENTAGON OPERATING NUT. THE HYDRANTS SHALL CONFORM TO AWWA C-502.
- 8. MAIN VALVES SHALL BE MECHANICAL JOINTS, RESILIENT SEAT, GATE, 2" OPERATING NUT, OPEN LEFT, WITH STAINLESS STEEL BONNET AND PACKING BOLTS AND NUTS. THE VALVES SHALL CONFORM TO AWWA
- 9. MAIN VALVE BOXES SHALL BE 5-1/4", SCREW TYPE, WITH CAST IRON LIDS MARKED "WATER."
- 10. ALL NEW AND ALTERED EXISTING WATERMAINS SHALL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH THE LATEST REVISION OF AWWA STANDARD C-600-93 (LATEST REVISION).
- 11.THE FOLLOWING MINIMUM SEPARATION DISTANCES BETWEEN GAS LINES AND WATER LINES ARE RECOMMENDED. OTHER MORE STRINGENT SEPARATION DISTANCES MAY APPLY.
 - HORIZONTAL- 5 FEET
- VERTICAL- 2 FEET

LEGEND PROPERTY LINE —— — EXISTING EASEMENT

----- EXISTING EDGE OF ROADWAY

======== EXISTING CURB LINE — — — SAN — — — EXISTING SANITARY SEWER --- G --- EXISTING GAS MAIN — — UG/E/T/C — EXISTING UTILITY LINE $-- \times - - \times - -$ EXISTING FENCE LINE — — — w — — — EXISTING WATER LINE — — 932 — — EXISTING CONTOUR LINE PROPOSED LIMIT OF DISTURBANCE PROPOSED CONTOUR LINE

PROPOSED STORM SEWER PROPOSED EDGE OF ROADWAY PROPOSED CURB LINE

----- PROPOSED EASEMENT

PROPOSED UTILITY LINE PROPOSED WATER LINE PROPOSED SILT FENCE PROPOSED COMPOST SOCK EXISTING SANITARY MANHOLE

EXISTING FIRE HYDRANT ASSEMBLY EXISTING CLEANOUT EXISTING SPOT ELEVATION PROPOSED SANITARY MANHOLE

PROPOSED WATER VALVE PROPOSED THRUST BLOCK PROPOSED FIRE HYDRANT ASSEMBLY PROPOSED CLEANOUT PROPOSED LIGHTING FIXTURE

PROPOSED SPOT ELEVATION PROPOSED DRYWELL PROPOSED CATCH BASIN

> PROPOSED INLET PROTECTION PROPOSED TOP/BOTTOM CURB

Section 4, Item a.

ducation Law, Article 145 Section 7209 For Any Person, Unless He Is Acting Under The Direction Of A Licensed rofessional Engineer Or Land Surveyo o Alter An Item In Any Way. If An Item Bearing The Seal Of An Engineer Or Land Surveyor Is Altered, The Altering ingineer Or Land Surveyor Shall Affix To The Item His Seal And The Notation "Altered By" Followed By His Signature And The Date Of Such Alteration, And A Specific Description Of The Alteration



Utility information has been plotted from available sources and their locations and size should be considered approximate only. The contractor is responsible for determining exact utility locations, sizes, and elevations prior to commencing construction. If uncharted or misplotted utilities are encountered, the contractor is required to notify the owner immediately.

New York State law requires excavators to contact the one-call notification system prior to digging to prevent damage to buried facilities. IT'S THE LAW! Call three days before you dig!

> 1-800-962-7962 Dig Safely New York (non-members must be contacted separately)

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GENERAL NOTES

Drawing Name:



LEGEND -PROPERTY LINE ---- EXISTING EASEMENT ---- EXISTING EDGE OF ROADWAY ======== EXISTING CURB LINE — — — SAN — — — EXISTING SANITARY SEWER — — — G — — EXISTING GAS MAIN — UG/E/T/C — EXISTING UTILITY LINE OH-OVERHEND T-TELEPHONE -- x -- - x -- EXISTING FENCE LINE — — — w — — EXISTING WATER LINE — — — 932 — — — EXISTING CONTOUR LINE PROPOSED LIMIT OF DISTURBANCE PROPOSED CONTOUR LINE PROPOSED STORM SEWER PROPOSED EDGE OF ROADWAY PROPOSED CURB LINE —— SAN ———— PROPOSED SANITARY SEWER Education Law, Article 145 Section 7209, - G — PROPOSED GAS LINE UG/E/T/C PROPOSED UTILITY LINE OH-OVERNEAD TITLEPHONE E-ELECTRIC Land Surveyor Is Altered, The Altering PROPOSED SILT FENCE PROPOSED COMPOST SOCK And The Date Of Such Alteration, And EXISTING SANITARY MANHOLE A Specific Description Of The Alteration EXISTING FIRE HYDRANT ASSEMBLY EXISTING CLEANOUT EXISTING SPOT ELEVATION PROPOSED SANITARY MANHOLE PROPOSED WATER VALVE PROPOSED THRUST BLOCK PROPOSED FIRE HYDRANT ASSEMBLY PROPOSED CLEANOUT PROPOSED LIGHTING FIXTURE PROPOSED SPOT ELEVATION PROPOSED DRYWELL PROPOSED CATCH BASIN

PROPOSED INLET PROTECTION

PROPOSED TOP/BOTTOM CURB

PLAN NOTES:

- FLOODPLANE DESIGNATION ZONE C
- UNIQUE NATURAL AREAS N/A
- NEW YORK STATE WETLANDS N/A
- FEDERAL WETLANDS N/A

SED

For Any Person, Unless He Is Acting Under The Direction Of A Licensed

Professional Engineer Or Land Surveyor To Alter An Item In Any Way. If An Item

Bearing The Seal Of An Engineer Or

ingineer Or Land Surveyor Shall Affix To The Item His Seal And The Notation

"Altered By" Followed By His Signature



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> 20062.dwg **EXISTING CONDITIONS**

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It Is A Violation Of The New York ducation Law, Article 145 Section 7209, For Any Person, Unless He Is Acting Under The Direction Of A Licensed Professional Engineer Or Land Surveyor

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SEAL

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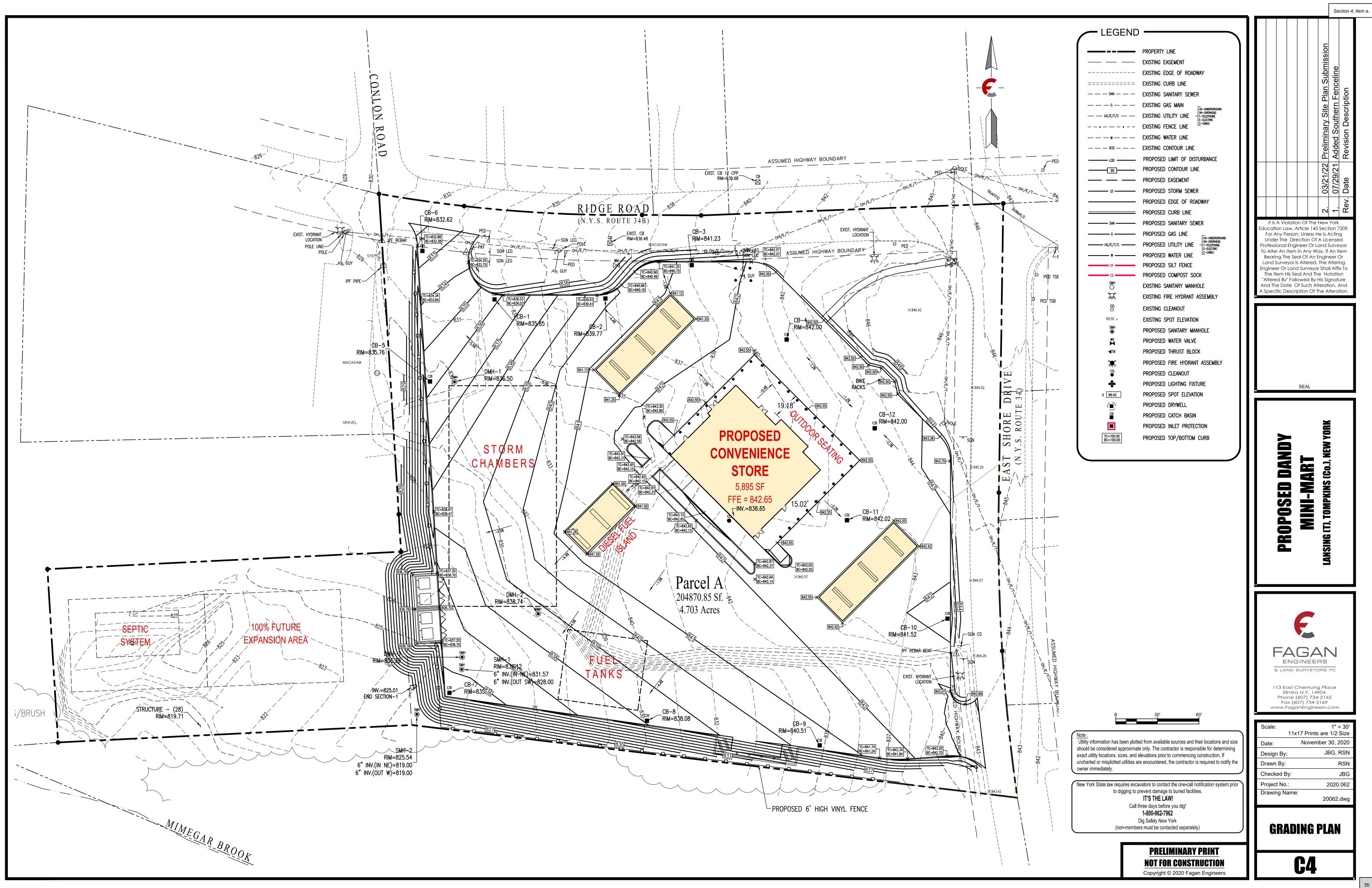
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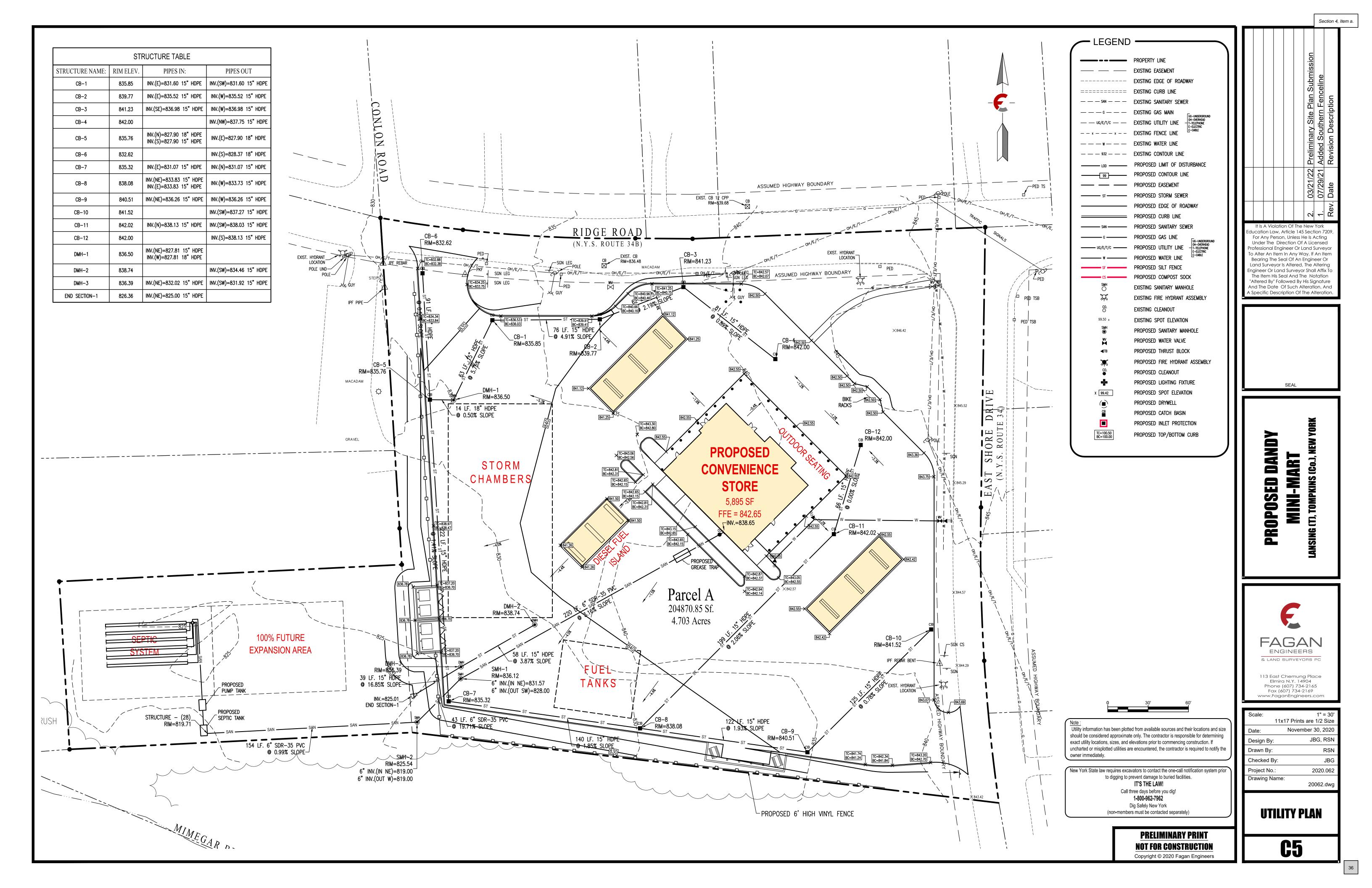
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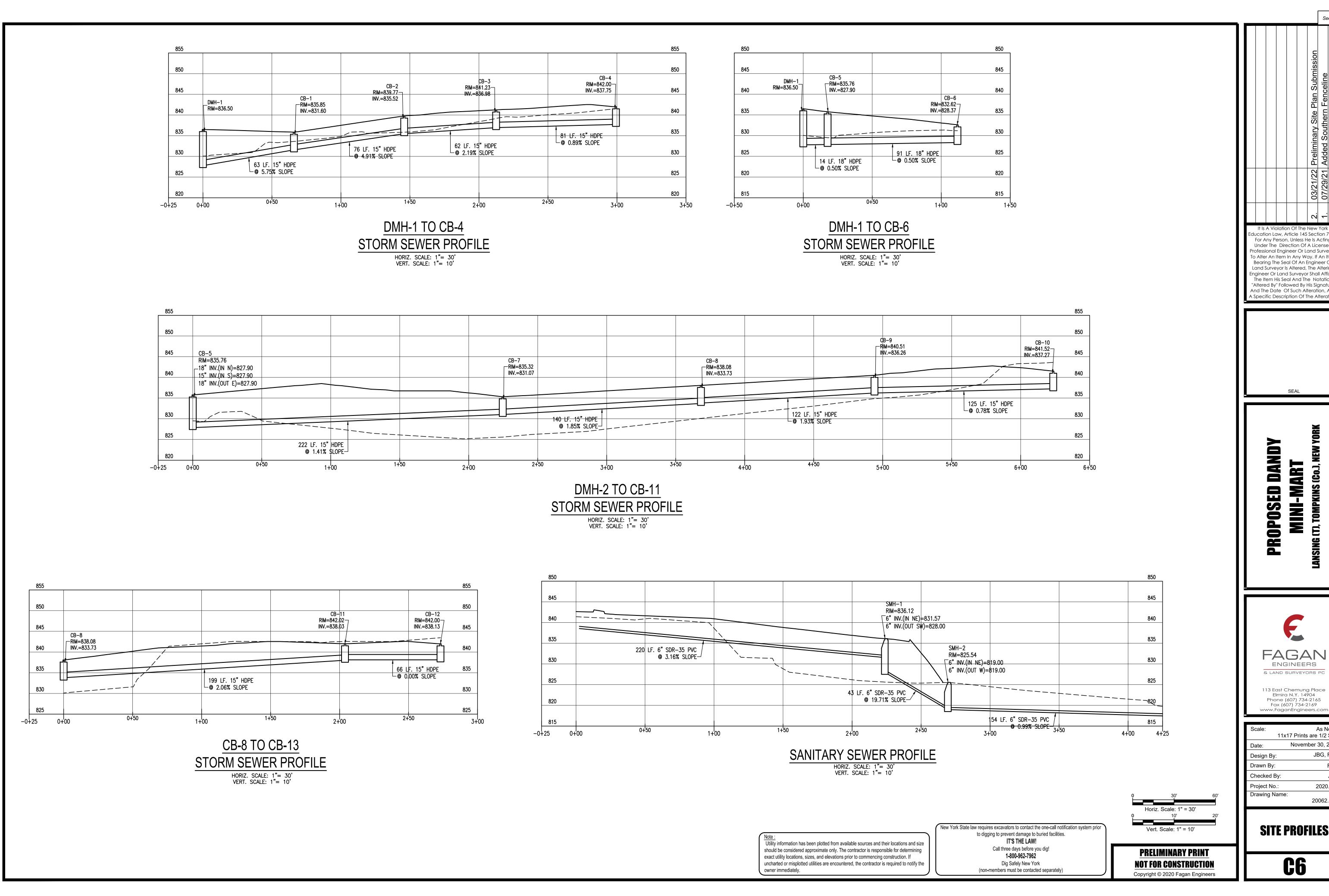
SITE PLAN

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Section 4, Item a.

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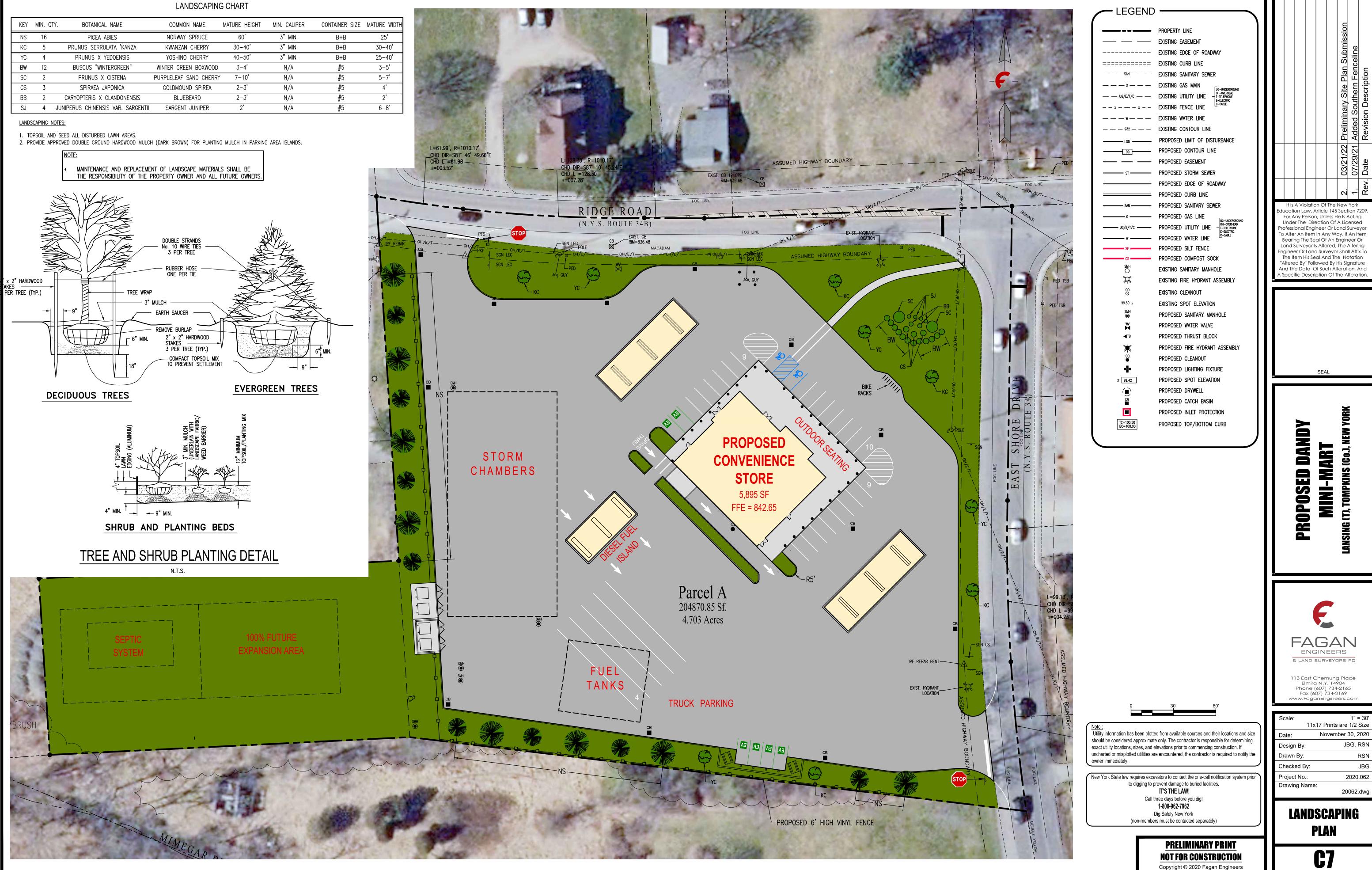
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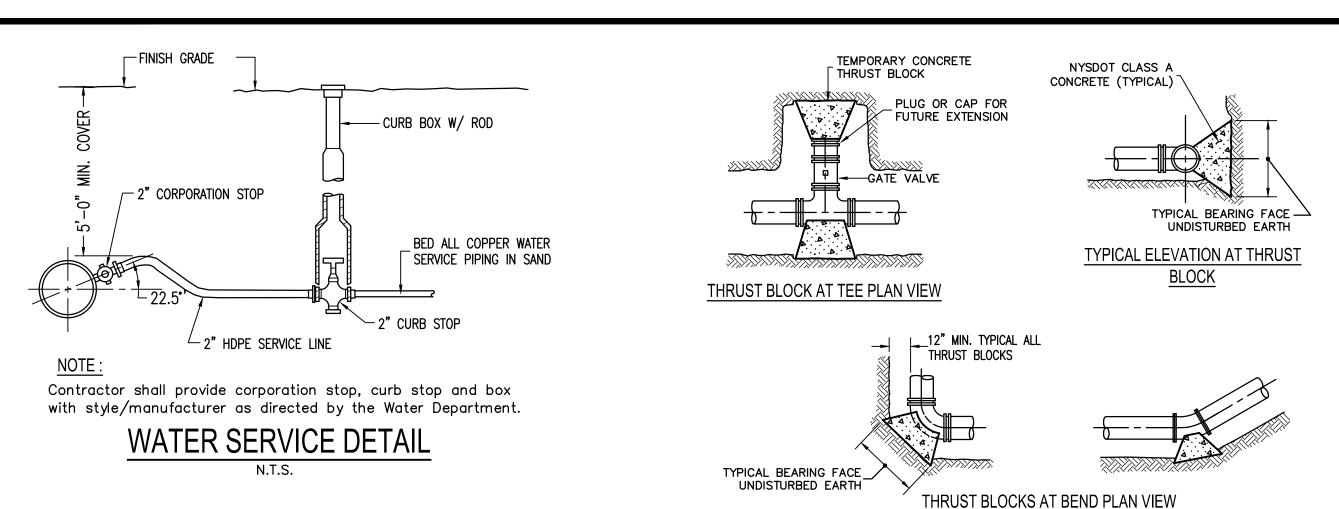
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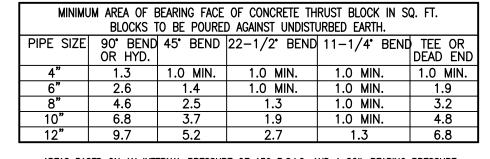
SITE PROFILES



Section 4, Item a.

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AREAS BASED ON AN INTERNAL PRESSURE OF 150 P.S.I.G. AND A SOIL BEARING PRESSURE OF 3000 P.S.F.

NOTES:

1. Thrust blocks shall be placed at all bends, tees, and dead ends.

2. The thrust restraint bearing areas listed above are based on the internal pressures and soil bearing capacities as noted. If adverse soil conditions warrant these areas will require adjustment

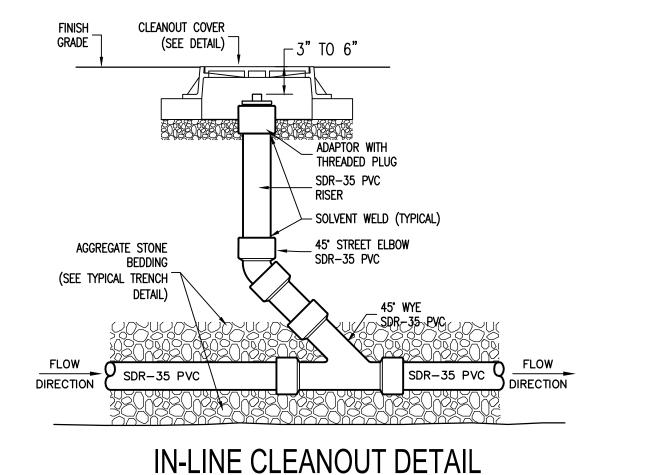
3. Form thrust blocks such that all mechanical joint fitting's nuts & bolts are not covered over

4. Thrust restraint gaskets (in push—on tyton joints): "field lok gaskets" shall be utilized in

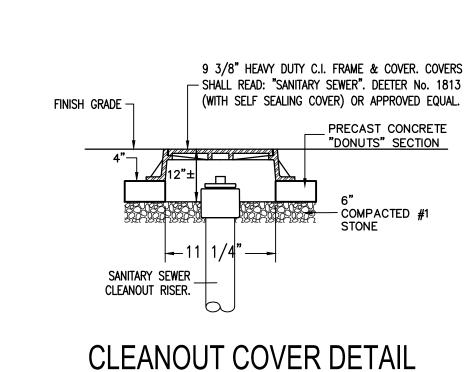
Mechanical joint fitting thrust restraint: — ebaa iron sales, inc.: megalug series 1100, or approved equal to be utilized on all vertical bend fittings, all reducers and horizontal fittings (tees, bends, etc.) where concrete thrust blocks are not practical, reliable or subject to future

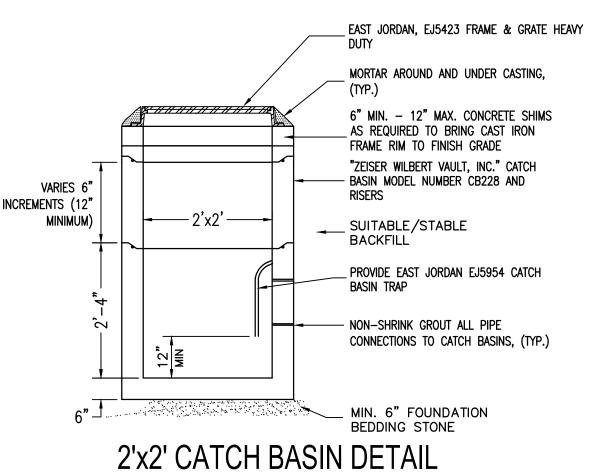
6. Gravity thrust blocks for vertical bends shall be used in conjunction with the previously noted M.J. thrust restraints. The gravity blocks located under the vertical fittings shall be anchored to the fittings with a minimum of two no.6 rebars looped around the fitting and anchored into the poured in place gravity thrust block.

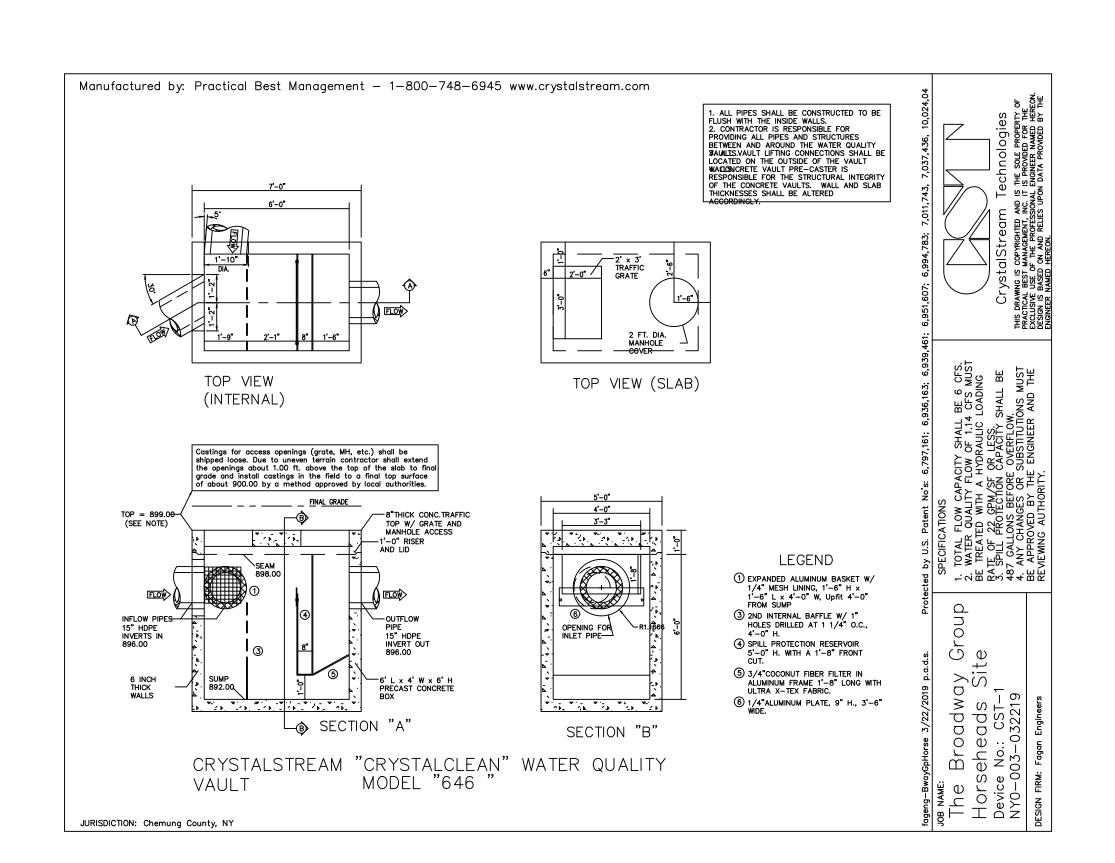
TYPICAL THRUST BLOCK DETAILS

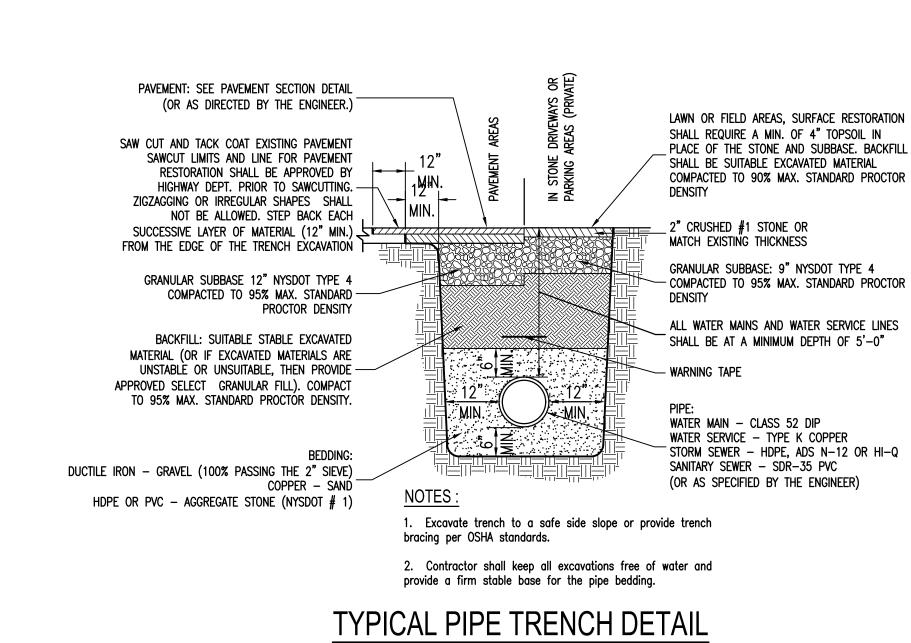


N.T.S.









WATERMAIN / SEWER CROSSING DETAIL CONDITION SCHEMATIC **REQUIREMENTS** A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 Ft. MIN. MORE THAN WATER LINE 18 INCHES ABOVE SEWER LINE SEWER LINE A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 Ft. MIN. B) WHEN BOTH WATER LINE AND SEWER LINE ARE NEW, SLEEVE SEWER LINE WITH STEEL MORE THAN 12 INCHES CASING FOR 10 Ft. EACH SIDE OF CROSSING. WATER LINE BUT LESS THAN 18 INCHES ABOVE SEWER LINE WHEN ONE LINE IS EXISTING, SLEEVE PIPE BEING INSTALLED WITH STEEL CASING FOR SEWER LINE 10 Ft. EACH SIDE OF CROSSING. A) WATER LINE AND SEWER LINE PIPE LENGTHS SEWER LINE TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 Ft. MIN. B) SLEEVE SEWER LINE WITH "STEEL CASING FOR 10 Ft." EACH SIDE OF CROSSING. MORE THAN SEWER LINE 18 INCHES C) PROVIDE CRADLE OF CONCRETE OR CRUSHER ABOVE CRUSHER RUN STONE (SEE TRENCH SECTION DETAIL BELOW) FOR WATER LINE AND SEWER WATER LINE LINE FOR 10 Ft. EACH SIDE OF CROSSING. //CAREFULLY// TAMPED // -CRADLE OF BACKFILL CONCRETE OR CRUSHER-RUN NOTES STONE WATER LINE SEWER LINE OUTSIDE DIAMETER OF PIPE D PLUS 1/4 D, 4 INCH IN NO CASE SHALL PIPES BE CLOSER THAN 8 INCHES 12 INCHES APART. DISTANCES ARE MEASURED BETWEEN OUTSIDES OF PIPE.

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Section 4, Item a.

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And The Date Of Such Alteration, And

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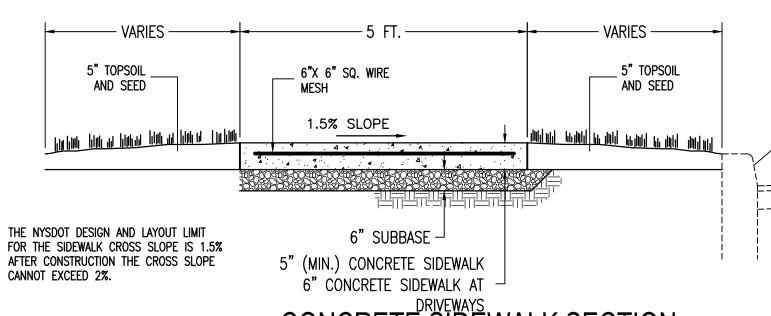
A Specific Description Of The Alteration

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INTEGRAL CONCRETE SIDEWALK / CURB

CONCRETE CURB/SIDEWALK NOTES

- 1. PROVIDE 4000 PSI (28 DAY COMPRESSIVE STRENGTH) CONCRETE, UTILIZING TYPE II PORTLAND CEMENT.
- 2. PROVIDE 5/8" WIDE ASPHALT IMPREGNATED FIBER BOARD CONTROL JOINTS IN SIDEWALK CONSTRUCTION AS FOLLOWS:
 - ADJACENT TO ALL CONCRETE CURBING
- ADJACENT TO ALL BUILDING FOUNDATIONS/ WALLS - APPROXIMATELY EVERY 24 FT. IN LONG SIDEWALK RUNS.
- 3. SIDEWALK SHALL HAVE A LIGHT BROOM FINISH ACROSS THE WALK.
- 4. EDGES AND JOINTS SHALL BE ROUNDED BY AND EDGING TOOL ACCEPTABLE TO OWNER.
- 5. CONTRACTION JOINTS SHALL BE TOOLED TO FORM SQUARE BLOCKS.
- 6. RAMP SLOPE SHALL BE NO GREATER THAN 1:12
- 7. CONCRETE CURB / SIDEWALK SHALL BE COATED WITH A CURING COMPOUND AFTER FINISHES ARE COMPLETE.

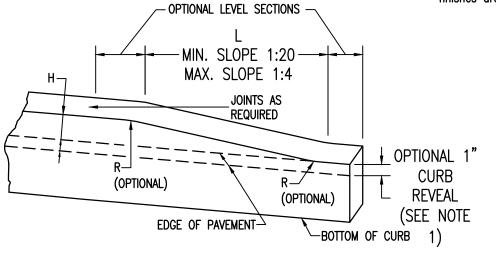


CONCRETE SIDEWALK SECTION

N.T.S.

CONCRETE SIDEWALK NOTES

- sidewalk within a public right-of-way.
- 2. Appropriate barricades shall be required for the entire construction period.
- 3. Provide 3500 psi (28 day compressive strength) concrete, utilizing Type II Portland cement and 6" x 6" sq. wire
- 1. The Local Code Enforcement Officer shall be notified prior 4. Provide 5/8" wide asphalt impregnated fiber board expansion joints in sidewalk construction as follows:
 - Adjacent to all concrete curbing and gutters. - Adjacent to all building foundations or walls. - Abutting yard walks, driveways or existing sidewalks. - Approximately every 20 ft. in long sidewalk runs.
 - Sidewalk shall have a light broom finish across the walk Edges and joints shall be rounded by an edging tool.
 - 6. Side walk shall be coated with a curing compound after finishes are complete.



CURB TRANSITION LENGTHS (L)					
SLOPE H	1:4	1:12	1:20		
4"	16"	48"	80"		
6"	24"	72"	120"		

CAST-IN-PLACE CONCRETE **CURB TRANSITIONS**

N.T.S.

1. USE 1" REVEAL AND CONTINUE CURB ACROSS DRIVEWAY ENTRANCES ONLY IF SHOWN IN THE CONTRACT DOCUMENTS, OR DIRECTED BY THE ENGINEER AS A FIELD CONDITION.

- 2. TERMINATE CURB, CURB AND GUTTER, AND ASPHALT CURB BY TRANSITIONING ON A MAXIMUM SLOPE OF 1:12 TO PAVEMENT SURFACE, EXCEPT WHEN BEHIND GUIDE RAIL.
- 3. EXTEND JOINT FILLER 6" MINIMUM BEHIND CURB ON BOTH SIDES OF CURB BOX, 705-07 NOT NEEDED WHEN VERTICAL FACED CURB WIDTH EQUAL TO WIDTH OF CURB BOX.

SIDEWALK NOTES:

- 1. SIDEWALKS/RAMPS PROPOSED REQUIRE ADA COMPLIANT INSPECTIONS, THE ENGINEER WILL PERFORM THE REQUIRED PRE-POUR CONCRETE FORM INSPECTION, SIGN/DATE AND SUBMIT TO NYSDOT THE INSPECTION REPORT.
- AFTER COMPLETION OF SIDEWALK SUBMIT TO NYSDOT PERMITS A COMPLETED, SIGNED AND SEALED CRITICAL ELEMENTS FOR THE DESIGN AND LAYOUT AND ACCEPTANCE OF PEDESTRIAN FACILITIES SHEETS CONFIRMING COMPLIANCE WITH ALL OTHER APPLICABLE CODES, STANDARDS, AND SPECIFICATIONS. IN INSTANCES WHERE NON-STANDARD FEATURES CANNOT BE AVOIDED A JUSTIFICATION FORM WILL NEED TO BE COMPLETED UNDER THE PROCESS PROMULGATED UNDER THE HIGHWAY DESIGN MANUAL CHAPTER 2 (REFER TO EXHIBIT 2–15A).

- 1. NYSDOT HIGHWAY WORK PERMIT SHALL BE ISSUED AND PRESENT AT JOB LOCATION AT ALL TIMES WITH STAMPED NYSDOT APPROVED PLANS.
- 2. SIGNS AND WORK ZONE TRAFFIC IS TO ADHERE TO FEDERAL MUTCD WITH STATE
- 3. CONSTRUCTION HOLIDAY LANE CLOSURE RESTRICTIONS SHALL BE ADHERED TO.
- 4. PERFORM UTILITY INSTALLATION WITHIN THE NYSDOT ROW IN ACCORDANCE WITH NYSDOT
- 5. ALL TREE PLANTINGS AND ADVERTISING SIGNS SHALL BE OFF NYSDOT ROW
- 6. CONTACT THE CENTRAL NEW YORK NYSDOT RESIDENT ENGINEER SEVEN (7) DAYS BEFORE START OF WORK AT (315)-428-4640.
- 7. ROAD TO BE KEPT CLEAN AT ALL TIMES AND FREE OF ALL CONSTRUCTION DEBRIS.
- 8. ALL WORK ZONE SIGNS AND FLAGGERS SHALL BE OFF THE ROADWAY WHEN NOT IN USE.
- 9. NYSDOT NON SEASONAL CONSTRUCTION IS NOT PERMITTED WITHIN THESE PLANS.
- ANOTHER REVIEW FROM NYSDOT IS REQUIRED WHEN ASKING FOR NON SEASONAL WORK.
- 10. ANY PROPOSED CHANGES WITHIN THE NYSDOT ROW REQUIRES TWO (2) WEEKS NOTICE TO THE CENTRAL NEW YORK REGION NYSDOT PERMITS OFFICE AT (315) 428-4640.
- 11. NOTIFY DIG SAFELY TWO (2) DAYS PRIOR TO WORK.

ASPHALT TOP COURSE

NYSDOT TYPE 6F

(ITEM 402.098304)

TACK COAT (ITEM 407.0102)

ASPHALT BINDER COURSE

NYSDOT TYPE 3

(ITEM 402.198904)

SUBBASE COURSE

NYSDOT ITEM 4

(ITEM 304.15)

GEOTEXTILE - MIRAFI 600x WOVEN

COMPACTED SUBGRADE -

CONSTRUCTION AND MATERIALS".

STANDARD PROCTOR DENSITY.

STANDARD PROCTOR DENSITY.

DRIVEWAY PAVEMENT SECTIONS

N.T.S.

1. ALL PAVEMENT AND BASE MATERIAL SHALL CONFORM TO NEW YORK

STATE DEPT. OF TRANSPORTATION "STANDARD SPECIFICATIONS,

3. IF SUBGRADE IS UNSUITABLE OR UNSTABLE, UNDERCUT AND REPLACE

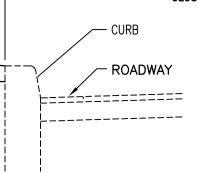
WITH APPROVED SELECT GRANULAR FILL COMPACTED TO 95% MAX.

2. SUBGRADE AND SUBBASE SHALL BE COMPACTED TO 95% MAX.

REGULAR DUTY

(PARKING AREAS)

12. ADHERE TO NYSDOT PERMIT CLOSURE PROCESS FOR INSPECTION, BOND RELEASE, AND CLOSURE OF PERMIT.



HEAVY DUTY

(ACCESS ROADS &

SERVICE AREAS)

DRIVEWAY - EVERY ENTRANCE OR EXIT USED BY VEHICULAR TRAFFIC TO AND FROM LANDS OR BUILDINGS ABUTTING A HIGHWAY.

RESIDENTIAL DRIVEWAY - A DRIVEWAY SERVING FOUR OR FEWER PRIVATE HOMES OR AN APARTMENT BUILDING FOR FOUR OR FEWER FAMILY UNITS.

COMMERCIAL DRIVEWAY - A DRIVEWAY SERVING A COMMERCIAL ESTABLISHMENT, INDUSTRY, GOVERNMENTAL OR EDUCATIONAL INSTITUTION, PRIVATE UTILITY, HOSPITAL, CHURCH, APARTMENT BUILDING, OR OTHER COMPARABLE TRAFFIC GENERATOR.

MINOR COMMERCIAL DRIVEWAY - ANY COMMERCIAL DRIVEWAY WHERE THE ACTUAL OR ANTICIPATED TRAFFIC VOLUMES ON A TYPICAL DAY ARE LESS THAN THE VALUES STIPULATED FOR A MAJOR COMMERCIAL DRIVEWAY.

FIELD ENTRANCE - A DRIVEWAY SERVING A FARMYARD, CULTIVATED OR UNCULTIVATED FIELD, TIMBERLAND, OR UNDEVELOPED LAND NOT USED FOR INDUSTRIAL, COMMERCIAL, OR RESIDENTIAL PURPOSES. URBAN / RURAL - THE AREA CHARACTER BASED ON NYSDOT HIGHWAY DESIGN MANUAL CHAPTER 2, SECTION 2.4.

ORIVEWAY OFFSET - THE DISTANCE IN FEET MEASURED FROM THE INSIDE EDGE OF THE DUTERMOST TRAVEL LANE, OR TURNING LANE, TO THE HIGHWAY EDGE OF PAVEMENT. THE DISTANCE IS EQUAL TO THE WIDTH OF THE OUTERMOST LANE AND THE WIDTH OF THE PAVED SHOULDER OF CURPA OFFSET.

HIGHWAY EDGE OF PAVEMENT - THE OUTSIDE EDGE OF THE PAVED HIGHWAY SURFACE.

SHOULDER WIDTH - THE WIDTH IN FEET OF PAVED SHOULDER INCLUDING A PARKING LANE, BIKE LANE, CURB OFFSET, OR OTHER PAVED AREA OUTSIDE OF THE TRAVEL LANE. MINIMUM PAYING LIMIT (MPL) - THE MINIMUM DISTANCE IN FEET MEASURED ALONG THE CENTERLINE OF A DRIVEWAY FROM THE OUTSIDE EDGE OF THE OUTERMOST TRAVEL LANE THAT A DRIVEWAY MUST BE PAYED (INCLUDES THE SHOULDER WIDTH).

PAVEMENT LENGTH (PL) - THE DISTANCE IN FEET MEASURED ALONG THE CENTERLINE OF A DRIVEWAY FROM THE HIGHWAY EDGE OF PAVEMENT TO THE END OF PROPOSED DRIVEWAY PAVEMENT.

TRANSITION LENGTH (TL) - THE DISTANCE IN FEET MEASURED ALONG THE CENTERLINE OF A DRIVEWAY BEYOND THE DRIVEWAY PAVEMENT LENGTH (PL) TO THE END OF PROPOSED DRIVEWAY WORK. THE TRANSITION LENGTH (TL) IS TYPICALLY USED FOR GRADING, LAYOUT, OR TRANSITION REASONS. THE TRANSITION LENGTH (TL) ONLY APPLIES TO DRIVEWAYS THAT ARE UNPAVED.

SHARED-USE-PATH (SUP) - A BICYCLE AND PEDESTRIAN FACILITY, TYPICALLY WITHIN THE RIGHT-OF-WAY, SEPARATED FROM MOTORIZED VEHICULAR TRAFFIC BY A BUFFER ZONE OR BARRIER. REFER TO HIGHWAY DESIGN MANUAL CHAPTER 17 AND ASSHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES FOR GUIDANCE ON BUFFER ZONE WIDTH AND SEPARATION OF SHARED USE PATHS FROM ROADWAYS.

SIDEWALK - A SMOOTH, STABLE AND SLIP RESISTANT EXTERIOR PATHWAY INTENDED FOR PEDESTRIAN USE ALONG A VEHICULAR WAY SEPARATED WITH A CURB OFFSET.

NOTES REFERENCED IN THE TABLE ABOVE CAN BE FOUND ON STANDARD SHEET 608-01 SHEET 1 OF 9.

FOR ADDITIONAL REQUIREMENTS AND TOLERANCES, SEE "CRITICAL ELEMENTS FOR THE DESIGN, LAYOUT AND CONSTRUCTION OF PEDESTRIAN FACILITIES" AVAILABLE ON THE NYSDOT HIGHWAY DESIGN MANUAL CHAPTER 18 WEBSITE.

PCC - PORTLAND CEMENT CONCRETE

SIDEWALK CROSS SLOPE - SEE NOTE 12 SIDEWALK GRADE (RUNNING SLOPE) - SEE NOTE

CURB RAMP GRADE (RUNNING SLOPE) - SEE NOTE 2

BLENDED TRANSITION GRADE (RUNNING SLOPE) - SEE NOTE 7

HMA - HOT MIX ASPHALT

- THE DRIVEWAY STANDARD SHEETS APPLY TO FIELD ENTRANCES, RESIDENTIAL DRIVEWAYS AND MINOR COMMERCIAL DRIVEWAYS. FIELD ENTRANCES AND RESIDENTIAL DRIVEWAYS ACCOMMODATE AN AASHTO PASSENGER CAR DESIGN VEHICLE. MINOR COMMERCIAL DRIVEWAYS ACCOMMODATE AN AASHTO SINGLE UNIT TRUCK DESIGN VEHICLE.
- DRIVEWAY WORK PERFORMED OFF THE RIGHT-OF-WAY REQUIRES AN EASEMENT OR A DRIVEWAY RELEASE. A
 DRIVEWAY RELOCATION WILL REQUIRE A TEMPORARY EASEMENT MAP.
- 3. IF COMMERCIAL PROPERTY DEVELOPMENT PLANS INVOLVE NEW OR MODIFIED ACCESS TO A STATE HIGHWAY A COMMERCIAL HIGHWAY WORK PERMIT APPLICATION (FORM PERM 33-COM) MUST BE FILLED OUT AND SUBMITTED TO THE REGIONAL PERMIT COORDINATOR.
- SEE THE DRIVEWAY TABLE IN THE CONTRACT PLANS FOR SPECIFIC DRIVEWAY LOCATIONS, WIDTHS ("W"), CORNER ANGLES, LENGTHS ("L"), MATERIAL, AND ENTRANCE TYPE.
- 6. THE TAPER METHOD IS GENERALLY NOT RECOMMENDED FOR DRIVEWAYS WITH A DRIVEWAY OFFSET LESS THAN 16 FEET, UNLESS IT CAN BE FIELD VERIFIED THAT THE DRIVEWAY ENTRANCE WIDTH WILL ACCOMMODATE THE VEHICLES THAT USE THE DRIVEWAY ON A REGULAR BASIS.
- TYPE 3 AND TYPE 4 DRIVEWAY ENTRANCES CAN BE USED WITHOUT CURB IF A TAPER STYLE ENTRANCE
 BETTER MATCHES THE HIGHWAY CORRIDOR AESTHETICS OR SPECIFIC SITE CONDITIONS THAN A RADIUS
 STYLE ENTRANCE.
- 8. UP TO 10" OF HMA MAY BE REQUIRED FOR HEAVY TRUCKS PER CONTRACT DOCUMENTS.
- 9. UP TO 9" OF PCC MAY BE REQUIRED FOR HEAVY TRUCKS PER CONTRACT DOCUMENTS. 10. UP TO 12" OF SUBBASE MAY BE REQUIRED FOR HEAVY TRUCKS PER CONTRACT DOCUMENTS.
- 11. THE DETAILS SHOW THE PAVEMENT LENGTH ("PL") EXTENDING TO THE MINIMUM PAVING LIMIT ("MPL") HOWEVER, THE "PL" CAN EXTEND BEYOND THE "MPL" AS SPECIFIED IN THE CONTRACT DOCUMENTS.
- 12. A DRIVEWAY TIP-UP SECTION SHOULD EXTEND TO A LOGICAL TERMINI (EXAMPLE: SIDEWALK EDGE, WHERE THE DRIVEWAY GRADE MATCHES EXISTING GROUND, OR LAYOUT POINT). FOR REFERENCE, A REASONABLE LENGTH FOR TAPERING THE TIP-UP SECTION BACK TO THE EDGE OF DRIVEWAY IS 3 TO 4 TIMES THE LENGTH OF CURB BROP. THE TIP-UP SECTION IS NOT PART OF THE DRIVEWAY OPENING WIDTH. REFER TO NYSDOT STANDARD SHEET 609-02 "MISCELLANEOUS CURB DETAILS" FOR THE CURB TRANSITION.
- TO DETERMINE THE LIMITS OF SHOULDER RECONSTRUCTION, REFER TO THE DRIVEWAY OPENING TABLES ON SHEET 4 FOR NO SHOULDER (O' OFFSET).
- 14. FOR PCC SHOULDERS, SEE STANDARD SHEET 502-02 FOR LONGITUDINAL JOINT TIE DETAILS.
- 15. DIMENSIONS AND ANGLES MAY BE INTERPOLATED FOR VALUES OTHER THAN THOSE SHOWN IN THE TABLES. 16. THE SHOULDER PAVEMENT THICKNESSES SHOWN ARE DEFAULT VALUES UNLESS OTHERWISE SHOWN IN THE PLANS. MATERIALS SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS.

5.0% MAX.

17. WHERE THERE ARE CONSTRAINTS THAT PREVENT THE CONSTRUCTION OF THE DRIVEWAY OPENING USING EITHER OF THE LAYOUT METHODS, THE ENGINEER MAY SPECIFY A SMALL CORNER CURB RADIUS OF 2' (OR A "1/2 BULL NOSE" CURB ALONG LOW SPEED HIGHWAYS), PROVIDED THE DRIVEWAY OPENING MEETS THE REQUIREMENTS OF THE "DRIVEWAY OPENING" TABLES ON SHEET 4.

- 18. FOR RESIDENTIAL DRIVEWAYS, THE MINIMUM PAVING LIMIT SHALL BE 10' FROM THE OUTSIDE EDGE OF TRAVEL LANE OR 2' BEHIND ANY SIDEWALK, IF PRESENT, WHICKEVER IS GREATER. FOR MINIC COMMERCIAL DRIVEWAYS, THE MINIMUM PAVING LIMIT SHALL BE 30' FROM THE OUTSIDE EDGE OF TRAVEL LANE, OR 2' BEHIND ANY SIDEWALK, IF PRESENT, OR EXTEND TO THE RIGHT-OF-WAY LINE, WHICHEVER IS GREATER. THE PAVING LIMIT MAY EXTEND BEYOND THE MINIMUM PAVING LIMIT FOR NEW DRIVEWAYS AND TO TRANSITION TO EXISTING PAVED DRIVEWAYS. THE PAVING LIMIT WILL BE NOTED IN THE DRIVEWAY TABLE OF THE CONTRACT PLANS.
- 19. FOR GRADING AND CONSTRUCTION REQUIREMENTS OF TRANSITIONS FROM PLACED HMA TO EXISTING HM. DRIVEWAYS, REFER TO DETAIL 9 "TIE-IN TO EXISTING DRIVEWAYS" ON SHEET 9, AND TABLE 3 "DRIVEWAY MATERIALS AND THICKNESS" ON SHEET 2.
- FOR PCC DRIVEWAYS, REFER TO THE 502 SERIES STANDARD SHEETS FOR METAL REINFORCEMENT, JOINT TIES, SAWING AND SEALING, ETC.
- 21. A 5' MINIMUM BUFFER ZONE SHALL BE USED UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

SITE CONDITIONS (SIDEWALK / CURB):

- 22. ANY PCC SIDEWALK WHICH CROSSES A DRIVEWAY SHALL HAVE A MINIMUM THICKNESS OF 6"
 AND INCLUDE STEEL MESH REINFORCEMENT WITH 3" OF TOP COVER.
- 24. WHERE THE EXISTING GRADE OF THE DRIVEWAY PROFILE IS LESS THAN OR EQUAL TO 2%, MATCH THE CROSS SLOPE OF THE SIDEWALK TO THE EXISTING DRIVEWAY PROFILE GRADE.

- 27. WHERE DRAINAGE IS CARRIED ALONG THE CURB, CONSTRUCT THE DRIVEWAY WITH A SHORT UPGRADE TO PREVENT RUNOFF FROM PONDING AT THE DRIVEWAY ENTRANCE (FLAT DRIVEW OR RUNNING DOWN THE DRIVEWAY DOWNHILL DRIVEWAY SLOPE). IF CONDITIONS MAKE THE ADDITION OF A SHORT UPGRADE IMPRACTICAL, USE 1" CURB REVEAL AND CONTINUE CURB ACROSS THE DRIVEWAY OPENING, TYPICALLY, CURB REVEAL WILL NOT BE CONSTRUCTED IN RURAL AREAS, IF CURB REVEAL IS SPECIFIED FOR A SPECIFIC DRIVEWAY, ITALL BE NOTED IN THE DRIVEWAY TABLE OF THE CONTRACT PLANS IN THE 'COMMENTS' COLUMN.

- 30. FOR A ONE-WAY DRIVEWAY ENTRANCE OR EXIT, THE DRIVEWAY ENTRANCE WIDENING IS ONLY NECESSARY ON ONE SIDE OF THE DRIVEWAY TO ACCOMMODATE THE SHARPER TURNING MOVEMENT. ONE-WAY DRIVEWAYS WILL BE IDENTIFIED ON THE DRIVEWAY TABLE OF THE CONTRACT PLANS UNDER "COMMENTS", FOR CURBED HIGHWAYS, A SMALL CORNER CURB RADIUS OF 2" (OR "1/2 BULLNOSE" CURB ALONG LOW SPEED HIGHWAYS) SHALL BE CONSTRUCTED TO ELIMINATE A SHARP CORNER BEND IN THE CURB LINE (WHICH IS SAFER FOR SNOWPLOW OPERATIONS).

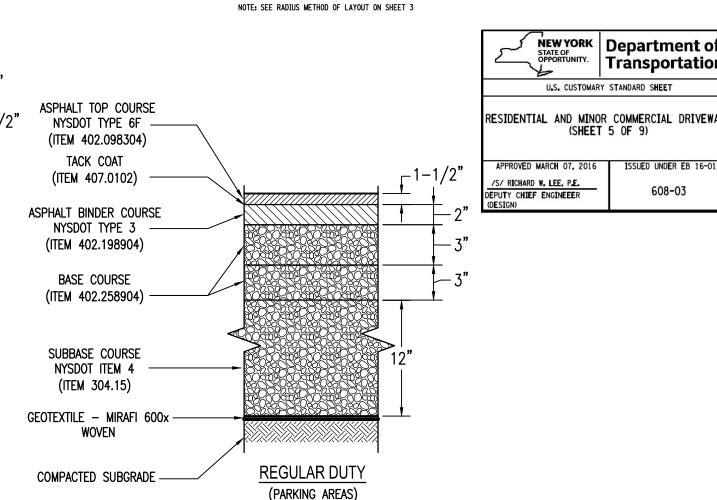
31. FOR DRIVEWAY MATERIAL REQUIREMENTS, USE TABLE 3 - 'DRIVEWAY MATERIALS AND THICKNESS' ON SHEET 2.

32. FOR FIELD ENTRANCES, THE MATERIAL WITHIN THE PAVEMENT LENGTH ("PL") CAN CONSIST OF GRAVEL OR STONE AND BE CONNECTED TO THE EDGE OF THE HIGHWAY SHOULDER WITHOUT REMOVING ANY OF THE EXISTING SHOULDER MATERIAL.



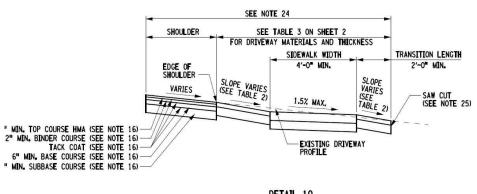
CURB TRANSITION - (SEE DETAIL 7 ON SHEET 8) - DRIVEWAY OPENING LIMIT (TYP.) HIGHWAY EDGE OF PAVEMENT SHOULDER WIDTH DIRECTION OF TRAVEL DRIVEWAY OPENING EDGE OF TRAVEL LANE (SEE NOTE 17)





NEW YORK STATE OF OPPORTUNITY. Department of Transportation RESIDENTIAL AND MINOR COMMERCIAL DRIVEWAY (SHEET 5 OF 9) ISSUED UNDER EB 16-012

OPTIONAL 1" CURB -REVEAL (SEE NOTE 27) CURB TRANSITION (SEE DETAIL 7 ON SHEET 8) EXISTING CURB GHWAY EDGE OF PAVEMENT SHOULDER WIDTH DIRECTION OF TRAVEL EDGE OF TRAVEL LANE (SEE NOTE 17) - SAWCUT LIMITS OF SHOULDER RECONSTRUCTION DETAIL 8
TYPICAL DRIVEWAY ENTRANCE
LIMITS OF SHOULDER RECONSTRUCTION



DETAIL 10
SHOULDER AND DRIVEWAY RECONSTRUCTION
PROFILE FOR HOT MIX ASPHALT (HMA) SHOULDER

ALL GENERAL NOTES AND ABBREVIATIONS REFERENCED ON THIS SHEET CAN BE FOUND ON STANDARD SHEET 608-03, SHEET 1 OF 9. NEW YORK Department of

4	Transportation				
U.S. CUSTOMARY STANDARD SHEET					
RESIDENTIAL AND MINOR COMMERCIAL DRIVEWAYS (SHEET 9 OF 9)					
APPROVED MARCH 07, 2016 /S/ RICHARD W. LEE, P.E.	ISSUED UNDER EB 16-012				
DEPUTY CHIEF ENGINEER (DESIGN)	608-03				

SHOULDER REPAIR PAVEMENT SECTIONS

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Land Surveyor Is Altered, The Altering

The Item His Seal And The Notation

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And The Date Of Such Alteration, And

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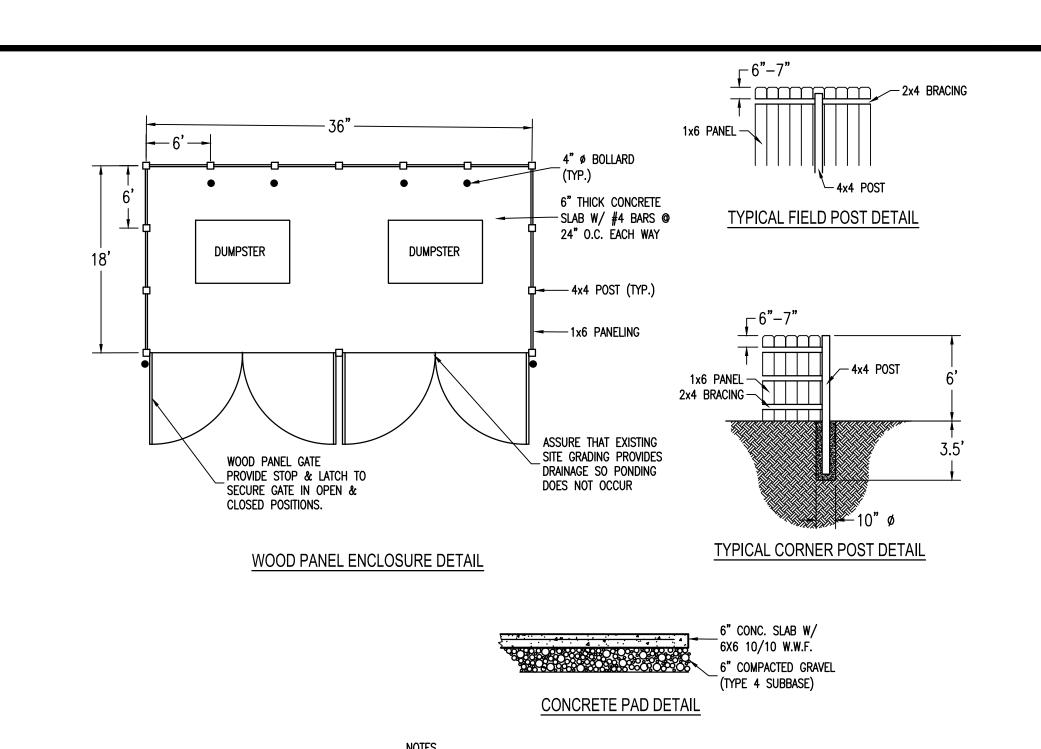
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Section 4, Item a.

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CIVIL DETAILS

G9



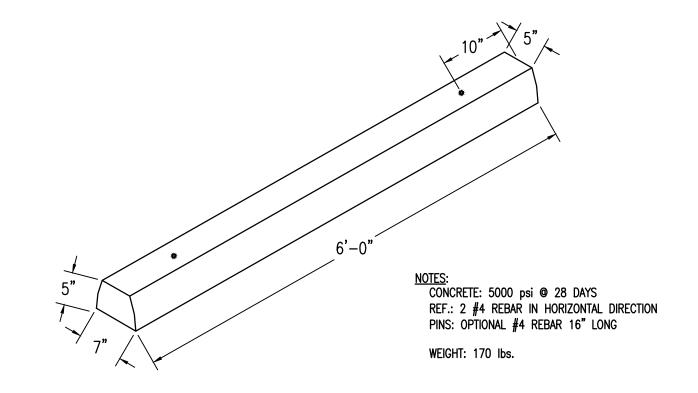
NOTES

1. WOOD TO BE TREATED PINE. USE GALVANIZED NAILS FOR FASTENING.
2. NUMBER OF BOARDS WILL VARY DEPENDING ON SPACE BETWEEN

BOARDS AND ACTUAL WIDTH OF BOARDS. 3. COLOR TO BE DETERMINED BY OWNER.

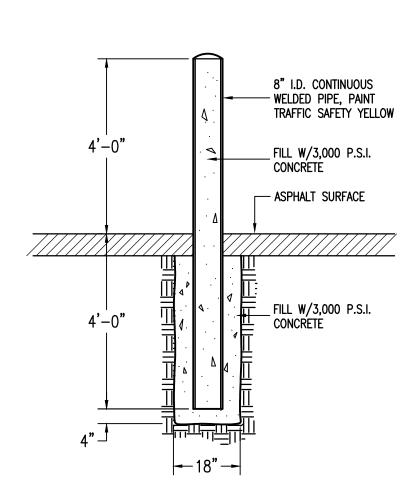
WOOD PANEL DUMPSTER ENCLOSURE DETAIL

REFER TO LIGHTING PLAN FOR NUMBER AND



STANDARD 6'-0" CONC. BUMPER BLOCK BY ZEISER-WILBERT OR ENGINEER-APPROVED EQUAL.

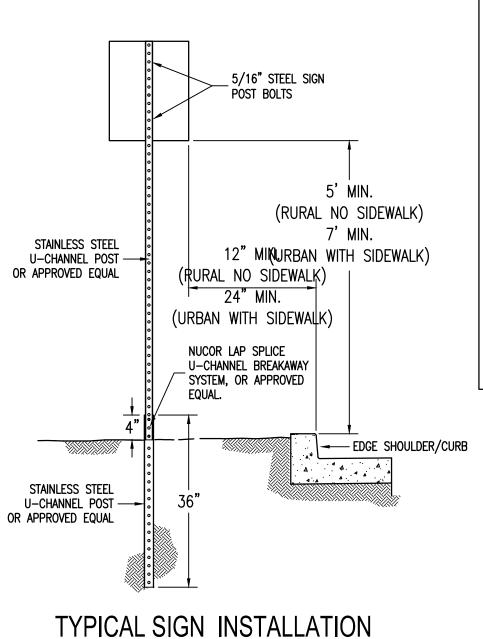
BUMPER BLOCK DETAIL

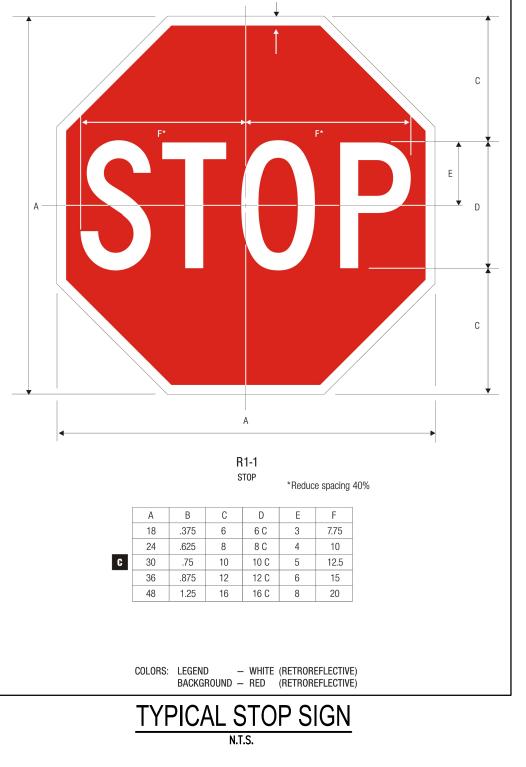


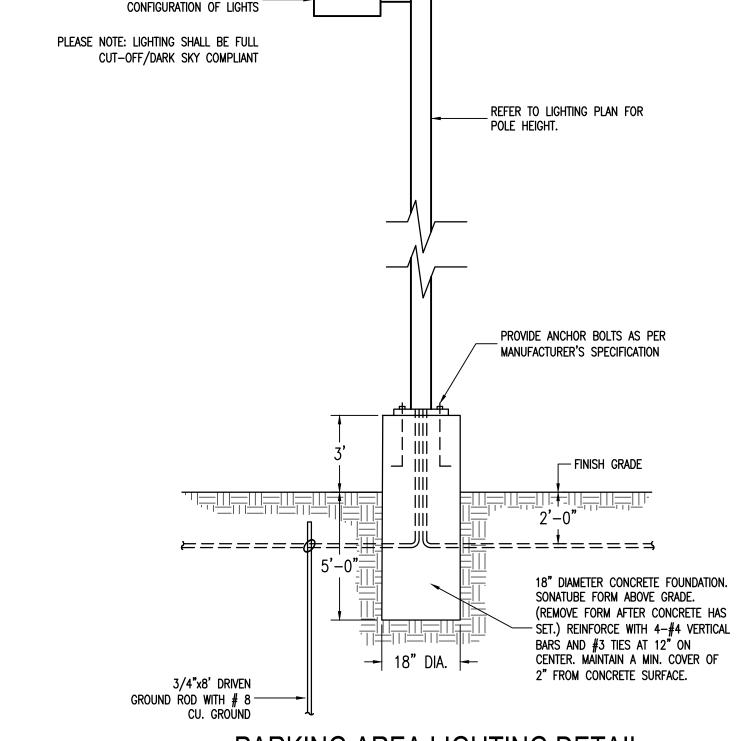
PIPE BOLLARD DETAIL



TYPICAL HC PARKING SIGN







PARKING AREA LIGHTING DETAIL N.T.S.

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Section 4, Item a. Education Law, Article 145 Section 7209, For Any Person, Unless He Is Acting

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CIVIL DETAILS



The proposed design consists of one Wastewater Treatment System for the proposed commercial building in Lansing, NY. Based on Owners water usage records from other stores, the proposed on-site wastewater treatments system shall be designed to handle the effluent from the proposed septic system with a design flow of 615 gallons per day.

PROPOSED OWTS DESIGN FLOW:

615 GPD (based on water usage records from other Dandy Mini Marts)

• No percolation tests have been performed at this time. These tests will be conducted prior to construction.

Based on the USDA Soil Survey, the existing soils have little to no percolation. Because of this, a mound system has been

SEPTIC TANK DESIGN:

Table D-2 in the New York State Design Standards for Intermediate Sized Wastewater Treatment Systems Handbook states that the Minimum Effective Tank Capacity for a Daily Flow under 5,000 GPD shall be 1.5 x Daily Flow = 1.5 x 615 GPD = 923 Gallons. Therefore a 1000 Gallon tank is being proposed.

MOUND WITH ABSORPTION TRENCH DESIGN: 615 GPD / 0.90 GPD/FT 2 (Application Rate) = 684 FT 2

 $684 \text{ FT}^2 / 2 \text{ FT} = 342 \text{ FT (Total Trench Length)}$

Therefore, the proposed design shall consist of 6 Rows @ 60 FT.

Absorption Area (A) = 6 trenches @ 2 ft wide/trench + 20 ft total trench separation = 32 ft Absorption Area Length (B) = 60 ft

Fill Depth (D) = 2 ft

Fill Depth (E) = D + [slope x A] = 2 + $[0.08 \times 32]$ = 4.56 ft

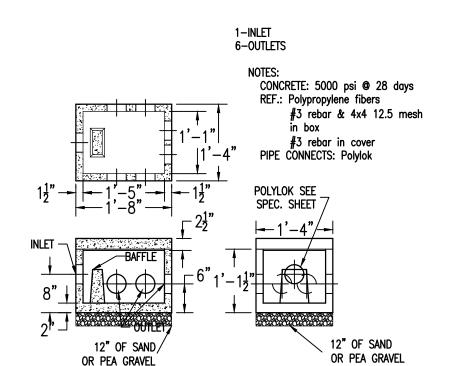
Bed Depth (F) = 1 ft Cap at Edge of Trenches (G) = 0.5 ft

Cap at Center of Trenches (H) = 1 ft

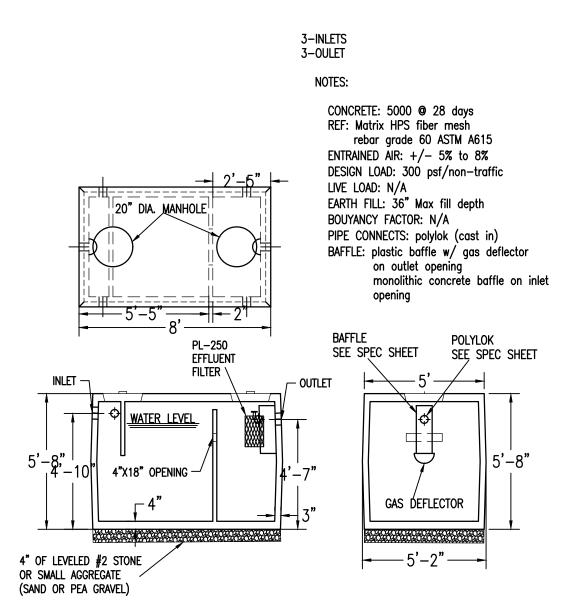
Upslope Setback (J) = $[D + F + G] \times 3 = [2 + 1 + 0.5] \times 3 = 10.5$ ft Side Slope Setback (K) = $[E + F + G] \times 3 = [4.56 + 1 + 0.5] \times 3 = 18.18$ ft or 19 ft

Mound Length (L) = B + 2K = 60 + 2(19) = 98 ft

Downslope Setback (C) = $3 \times [(E + F + G) + (slope \times C)] = 3 \times [(4.56 + 1 + 0.5) + (0.08 \times C)] = 24 \text{ ft}$ Mound Width (W) = J + A + C = 10.5 + 32 + 24 = 66.5 ft or 67 ft



6 HOLE DISTRIBUTION BOX



ST-1000 (2 COMP) SEPTIC TANK

Material Specifications

• 4" SDR 35 PVC, TYPE 1 GRADE, ASTM D-3034 OD = 4.215" (0.120 min. wall)

• 1,500 Gallon Septic Tank, by Zeiser Wilbert Vault Co., Elmira, NY

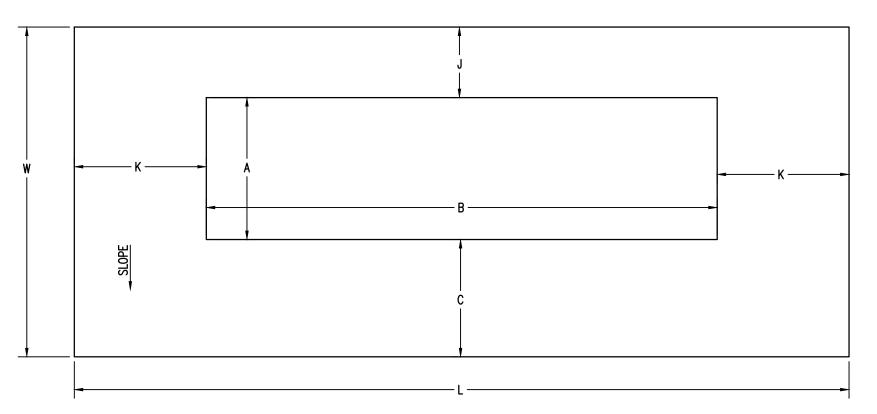
• One (1) Four Hole Distribution Box: 1 Inlet, 3 Outlets, by Zeiser Wilbert Vault Co., Elmira, NY

Perforated Distribution Pipe

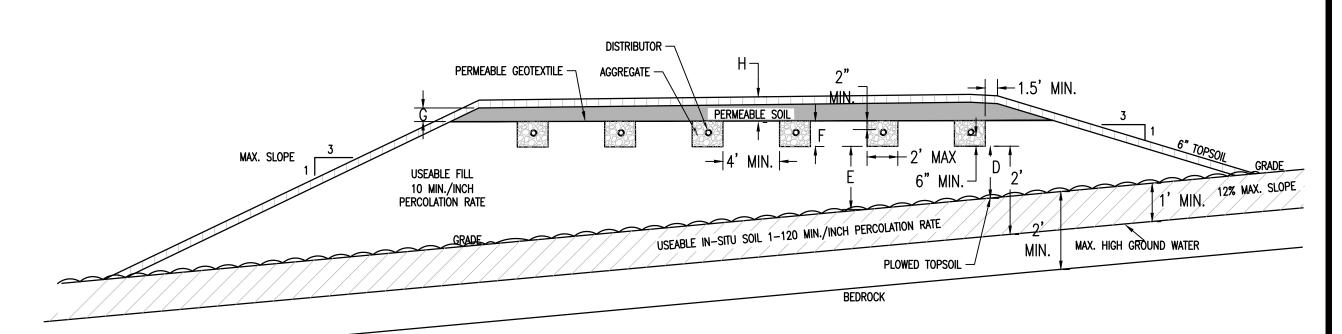
• 4" SDR-35 PIPE, TYPE 1 GRADE, ASTM D-3034 OD = 4.215" (0.120 min. wall)

Installation Notes

- CLEAR AND GRUB THE SITE (TREES, ROOTS, ROCKS, etc.)
- PLOW MOUND AREA TO A DEPTH OF 7-8" FILL TO BE PLACED IMMEDIATELY AFTER THE SITE IS PREPARED.
- CONSTRUCTION EQUIPMENT SHOULD AT NO TIME TRACK OVER THE ABSORPTION AREA
- ONCE THE MOUND HAS BEEN PREPARED ABSORPTION SYSTEM IS TO BE PREPARED/INSTALLED PER
- BOTTOM AND SIDEWALLS OF ABSORPTION TRENCHES SHALL BE RAKED PRIOR TO INSTALLATION OF
- DISTRIBUTOR PIPES
- AGGREGATE IN THE TRENCHES SHALL BE COMPLETELY COVERED WITH A PERMEABLE NON-WOVEN GEOTEXTILE TO PREVENT INFILTRATION OF SOIL INTO AGGREGATE
- FINAL FILL SLOPES SHALL NOT EXCEED 1:3 (1 VERTICAL:3 HORIZONTAL) • ENTIRE MOUND SHALL BE COVERED WITH 6" OF TOPSOIL AND SEEDED TO GRASS

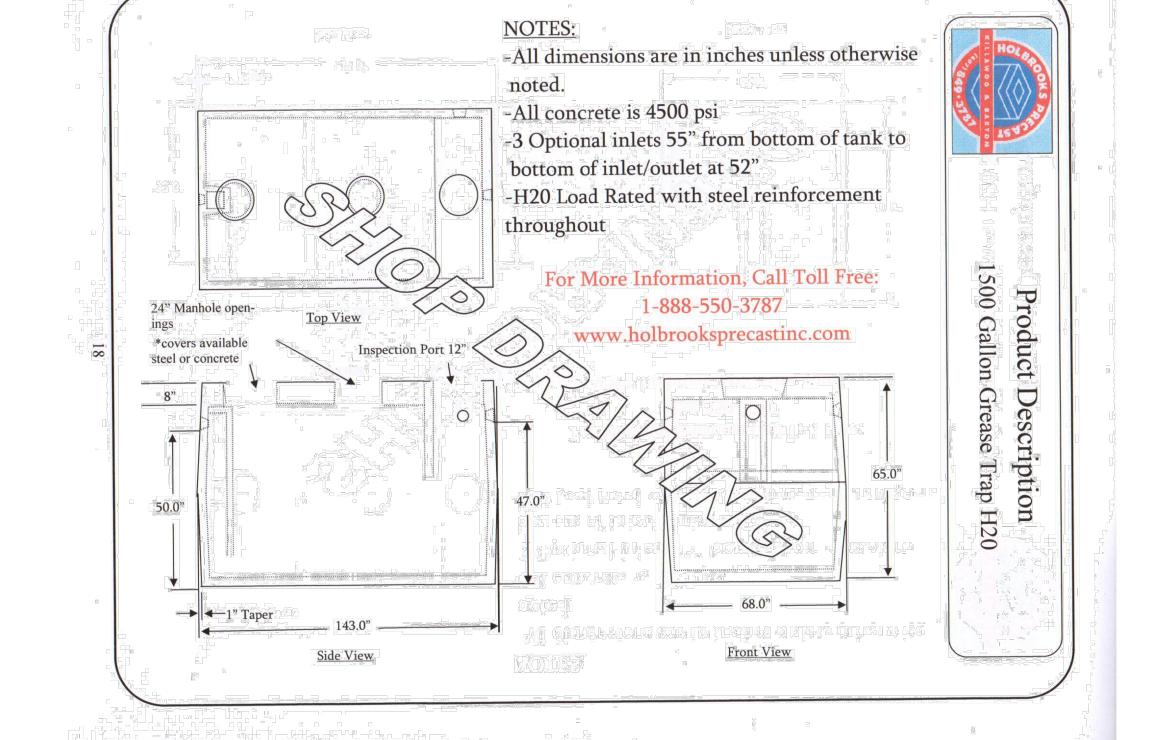


MOUND SYSTEM WITH ABSORPTION TRENCHES TOP VIEW



- 1. ONLY SOILS WITH A PERCOLATION RATE NO GREATER THAN TEN (10) MINUTES PER INCH SHALL BE USED FOR THE FILL MATERIAL. SANDS WITH GREATER THAN 10% BY WEIGHT FINER THAN 0.05 MM MATERIAL MUST BE AVOIDED. AT LEAST 25% OF THE MATERIAL BY WEIGHT SHALL BE IN THE RANGE OF 0.50 MM TO 2.0 MM. LESS THAN 15% OF THE MATERIAL BY WEIGHT SHALL BE LARGER THAN A 1/2 INCH SIEVE. A SIEVE ANALYSIS MAY BE NECESSARY TO VERIFY THIS REQUIREMENT.
- 2. IMPORTED SOILS TO BE TESTED PRIOR TO COMPLETION OF MOUND SYSTEM BY A PROFESSIONAL ENGINEER.
- PREPARATION OF THE SITE ON WHICH THE MOUND IS TO BE LOCATED, PLACEMENT OF THE FILL ON THE SITE CONSTRUCTION OF THE ABSORPTION TRENCHES, GRADING THE EXPOSED FILL, AND GRADING/SEEDING THE TOP SOIL ARE CRITICAL TO PROPER OPERATION OF THE MOUND SYSTEM.

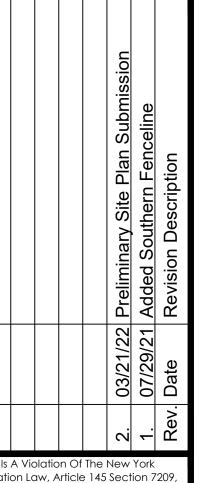
MOUND SYSTEM WITH ABSORPTION TRENCHES DETAIL



Utility information has been plotted from available sources and their locations and size should be considered approximate only. The contractor is responsible for determining exact utility locations, sizes, and elevations prior to commencing construction. If uncharted or misplotted utilities are encountered, the contractor is required to notify the owner immediately.

New York State law requires excavators to contact the one-call notification system prior to digging to prevent damage to buried facilities. IT'S THE LAW! Call three days before you dig! 1-800-962-7962 Dig Safely New York (non-members must be contacted separately)

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SEAL

DANDY H-MART **PROPO** (T), T0



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SEWER DETAILS

500 gallon pump chamber interior volume: 8' x 5' = 40 sqft (7.48 gal/c.f.) = 300 gal/ft

Volume of 1 inch Force Main at 66 feet

Volume = Area of 1 in diameter pipe (66 ft) = 0.36 c.f. (7.48 gal/c.f.) = 2.70 gal

Assume the forcemain drains back in the wet well through the simplex pump.

Doses per Day = 4 doses/day = 615 GPD / 4 doses/day = 154 gallons/dose

Pump Volume = dose size + pipe system volume = 154 gallons + 2.70 gallons = 156.70 gallons

Static Head = Distribution Box Outlet Invert - Pump Off = 829.39 - 812.76 = 16.63 ft Forcemain Length = 263 ft

Equivalent Length = (3 90's x 2.62 ft) + (1 Quick Disconnect x 8.32 ft) + (1 Ball Check Valve x 27.00 ft) = 43.18 ft C = 120 (PVC Plastic Pipe)

Pump Rate (gpm)	0	10	20	30	40	50	22
Static Head (ft)	16.63	16.63	16.63	16.63	16.63	16.63	16.63
Friction Loss (ft)	0.00	6.95	25.04	53.02	90.27	136.41	29.87
TDH (ft)	16.63	23.58	41.67	69.65	106.90	153.04	46.50
Select Gould E	Select Gould Effluent Pump Model WE0511HH operating at 22 gpm @ 46.50 ft TDH						

INSTALLATION, LAYOUT & MATERIALS

1. Tanks shall be waterproof, installed with an access cover at least 24 in diameter, and of a durable construction, capable of withstanding soil pressure when empty. precast concrete pump tanks designed for pump station applications are acceptable.

2. The pump tank shall be located away from vehicle traffic, where possible, and positioned to facilitate maintenance.

3. Pipe, Fittings, and Connectors shall be rated for pressurized flow. Threaded galvanized pipe assemblies shall use pipe tape or pipe dope. Glued plastic fittings shall be of a deep socketed, pressure type and be cleansed with visible primer prior to assembly. Compression and gasketed fittings shall be rated to withstand pressures during operation of the pump system. (Each one foot of vertical lift results in 0.43 pounds per square inch of pressure at the lowest point in the pump system)

4. Assembly of the pump, discharge line, union or disconnect, power, and control cords shall be made so as to facilitate later maintenance and pump replacement without entry into the tank. At location where one or more risers are required to bring the cover to grade, electrical and pump discharge lines may be brought through an opening in the riser wall. Repair to the riser wall must prevent groundwater entry and be of a durable construction.

5. A union or disconnect is required on the pump discharge line.

6. A nylon rope or stainless steel chain or gable shall be provided and secured within easy reach of the pump tank cover, for later retrieval of the pump.

7. Electrical and float cords shall be of sufficient length to allow removal of the pump and placement on the ground. Cords shall be coiled and secured within reach with waterproof tape, cable ties, or other removable and reliable fastener.

8. The force main between the pump tank and treatment area shall be installed so as to be frost proof. Ordinarily the most desirable method of frost proofing shall be to install the pump line so that effluent drains back into the tank after each pump cycle. Where a check valve is installed and the line is not intended to drain back to the tank, the force main shall be buried at least 42 in below grade. A 1/4 in hole shall be drilled in the rigid discharge assembly immediately beyond the check valve to

9. The pump, chamber, and all products used in the system shall be warranted by the manufacturer for that application.

10. Ball valves must be full bore type with minimum fluid passage way no less than the pipe diameter.

11. Force mains located under public roads, driveways, and other traffic areas shall be installed within a protective sleeve to prevent damage to the line, and to facilitate retrieval and replacement, if necessary.

12. All opening and joints in the tank, including the riser, shall be adequately sealed to prevent infiltration of ground and surface waters.

UNACCEPTABLE MATERIALS

1. Fittings and pipe materials not designed for pressurized flow.

2. Non-sumersible pumps, well pumps, or electrical connections within the pump tank.

3. Any material NOT specifically designed and warranted for the application is unacceptable.

GENERAL NOTES, APPLICABILITY, AND LIMITATIONS TO USE

1. This plan has been prepared to provide standards and guidance on installation of septic tank effluent pump stations suited to residential use. According to current sanitary and building codes, this shall not be used for layout of raw sewage pump stations, which require different criteria for tank size and pump selections.

2. Float controls shall be used for level and pump control.

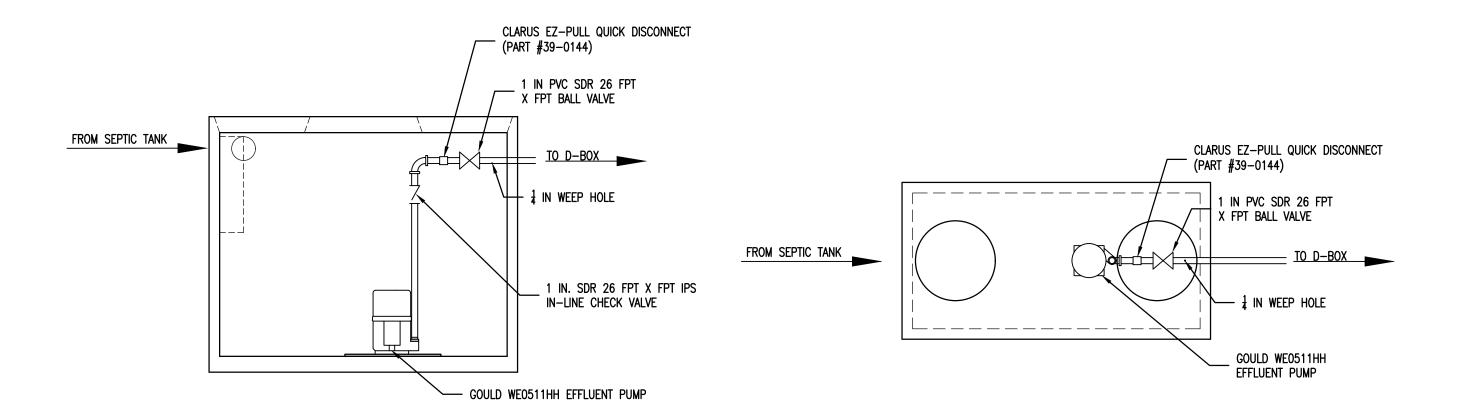
3. A high water alarm and float shall be provided to warn dwelling occupants of pump malfunction. The alarm shall be located in plan sight of the malfunction. The alarm shall be be located in plain sight of the living area.

ELECTRICAL NOTES

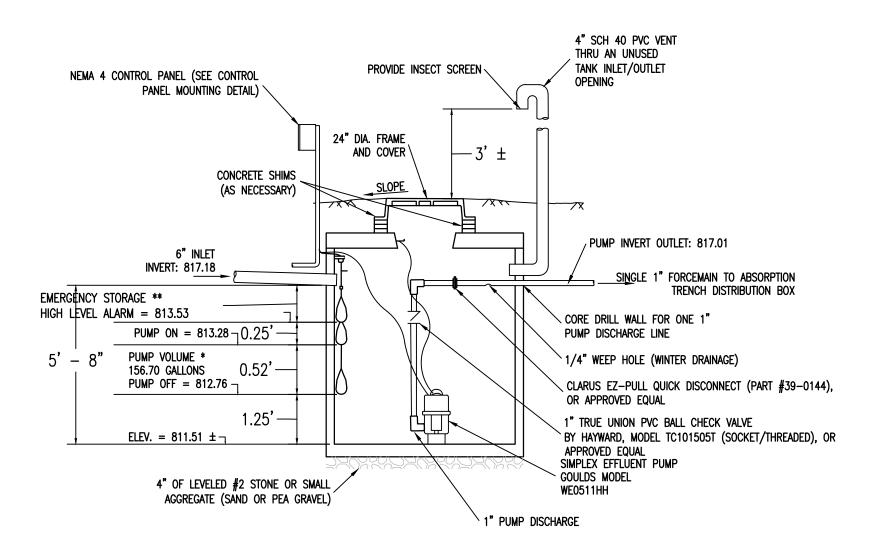
1. All electrical wiring and systems shall be in accordance with the most current version of the National Electrical Code for the specific applications.

2. Electrical service and connections may be made in one of several acceptable methods. All must nmeet current Electrical and Building Code requirements. Junction boxes and receptacles located within the pump tank are not acceptable.

3. Contractor's electrician shall provide a single phase, 115V, 20 AMP circuit dedicated for the simplex pump/pump controls.

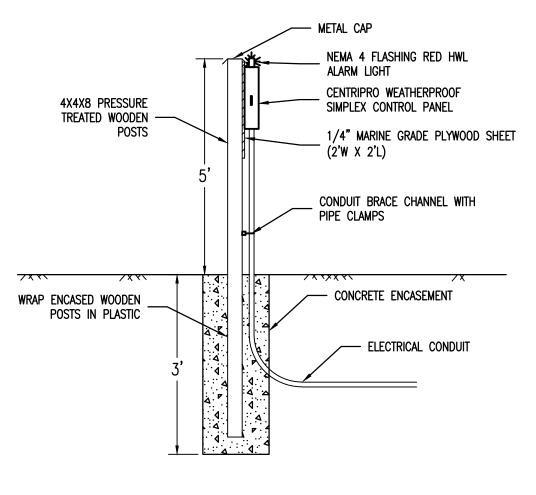


NOTE: NO PERSON TO ENTER TANK UNLESS OSHA REPRESENTATIVE PRESENT.



* PUMP VOLUME = 123 GAL (DOSE) + 2.70 GAL (DRAIN BACK) = 125.70 GAL ** EMERGENCY STORAGE ACTUAL = 3.65 FT / 1.095 GALMIN. REQUIRED = 2.05 FT / 615 GAL

1000 GALLON PUMP CHAMBER DETAIL



CONTROL PANEL MOUNTING DETAIL

POST AND PLYWOOD TO BE PAINTED (COLOR BY OWNER)

1. Site was inspected by: _____ on ____ on ____

2. The Total Dynamic Head at 45 GPM is Estimated to be: Static Head: 16.63 ft + 29.87 ft Friction Head = 46.50 ft (0.4335) = 20.16 PSI

3. Pump Curve supplied by the contractor for the installed pump indicated that the pump would provide the minimum recommended GPM at the estimated Total Dynamic Head and that the pump would operate with an acceptable efficiency.

4. Pump installed is specifically designed for this application.

5. The pump chamber was a 1000 Gallon Chamber and is specifically designed for this

6. The pump can be removed from the chamber from the ground surface.

7. An audible/visual alarm is located above grade on a post near the pump tank cover. The visible alarm, if installed, is clearly visible from the living area.

1. ____ Grinder, ___ Sewage, or __X_ Effluent

2. Minimum Freeboard Storage: 615 Gallons

3. Dosing Volume: 125.70 Gallons

4. Pump: Goulds Model WE0511HH or Approved Equal

5. Simplex Control Panel: CENTRIPRO WEATHERPROOF PANEL with the following features:

> NEMA 4 (Dead Front Type with Locking HASP) Separate Level Control Switches (OFF, ON, HWL)

 HWL Alarm Circuit and Light (NEMA 4 Flashing Red Light) HWL Alarm Circuit and Audible Alarm (NEMA 4 Horn)

 Automatic Alarm Reset HOA Switch

 Run Light • Condensation Heater - 115V

GENERAL NOTES:

1. A visual high water alarm system shall be located in a conspicuous location and shall be kept in workable order at all times.

2. Set the High Water Alarm to actuate when the pump tank will have a reserve volume of at least one day capacity.

3. Tank installation in area of High Groundwater shall be installed with Anti-Floating Device as per the tank manufacturer.

4. Electrical components to comply with latest edition of NYS Fire Underwriter's code.

5. Slope finished grade away from the manhole cover so storm runoff does not enter the tank through the access cover.

> SEAL DANDY I-MART

Education Law, Article 145 Section 7209

For Any Person, Unless He Is Acting Under The Direction Of A Licensed

Professional Engineer Or Land Surveyor

To Alter An Item In Any Way. If An Item

Bearing The Seal Of An Engineer Or

Land Surveyor Is Altered, The Altering

Engineer Or Land Surveyor Shall Affix To

The Item His Seal And The Notation

"Altered By" Followed By His Signature

And The Date Of Such Alteration, And

A Specific Description Of The Alteration

Section 4, Item a.



113 East Chemung Place Elmira N.Y. 14904 Phone (607) 734-2165 Fax (607) 734-2169 www.FaganEngineers.com

As Noted

11x17 Prints are 1/2 Size November 30, 2020 Date: JBG, RSN Design By: Drawn By: RSN JBG Checked By: 2020.062 Project No.: Drawing Name: 20062.dwg

SEWER DETAILS

C12

Utility information has been plotted from available sources and their locations and size should be considered approximate only. The contractor is responsible for determining exact utility locations, sizes, and elevations prior to commencing construction. If uncharted or misplotted utilities are encountered, the contractor is required to notify the owner immediately.

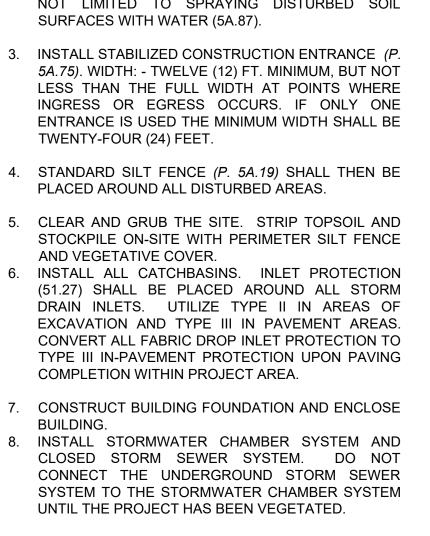
New York State law requires excavators to contact the one-call notification system prior to digging to prevent damage to buried facilities. IT'S THE LAW! Call three days before you dig! 1-800-962-7962 Dig Safely New York (non-members must be contacted separately)

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PRELIMINARY PRINT

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E&S PLAN NOTES . ONLY LIMITED DISTURBANCE WILL BE PERMITTED TO PROVIDE ACCESS TO THE SITE FOR GRADING AND ACQUIRING BORROW TO CONSTRUCT THOSE BMPS. 2. EROSION AND SEDIMENT BMPS MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMPS. 3. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMPS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE BMPS MUST BE STABILIZED IMMEDIATELY. 4. STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER. 5. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPS MUST BE MAINTAINED PROPERLY MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT BMPS AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR REPLACEMENT, REGRADING, REMULCHING AND RENETTING MUST BE PERFORMED IMMEDIATELY. IF EROSION AND SEDIMENT CONTROL BMPS FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPS, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED. 6. SITE CONTRACTOR TO BECOME CO-PERMITTEE PRIOR TO EARTHWORK ACTIVITIES COMMENCING. SITE CONTRACTOR IS RESPONSIBLE FOR ALL CONDITIONS OF THE E&S PERMITS. **CONSTRUCTION SEQUENCE** ALL PAGE NUMBERS (P. 5*.**) REFER TO THE NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL. CONTROL DUST ON SITE TO PREVENT DUST LEAVING THE SITE AND CREATING OFF-SITE DAMAGE, HEALTH HAZARDS, AND TRAAFFIC SAFETY PROBLEMS. TREATMENT INCLUDES BUT IS NOT LIMITED TO SPRAYING DISTURBED SOIL SURFACES WITH WATER (5A.87). INSTALL STABILIZED CONSTRUCTION ENTRANCE (P. 5A.75). WIDTH: - TWELVE (12) FT. MINIMUM, BUT NOT INGRESS OR EGRESS OCCURS. IF ONLY ONE ENTRANCE IS USED THE MINIMUM WIDTH SHALL BE TWENTY-FOUR (24) FEET. STANDARD SILT FENCE (P. 5A.19) SHALL THEN BE PLACED AROUND ALL DISTURBED AREAS. CLEAR AND GRUB THE SITE. STRIP TOPSOIL AND STOCKPILE ON-SITE WITH PERIMETER SILT FENCE AND VEGETATIVE COVER.



ALL STORM SEWER OUTLETS.

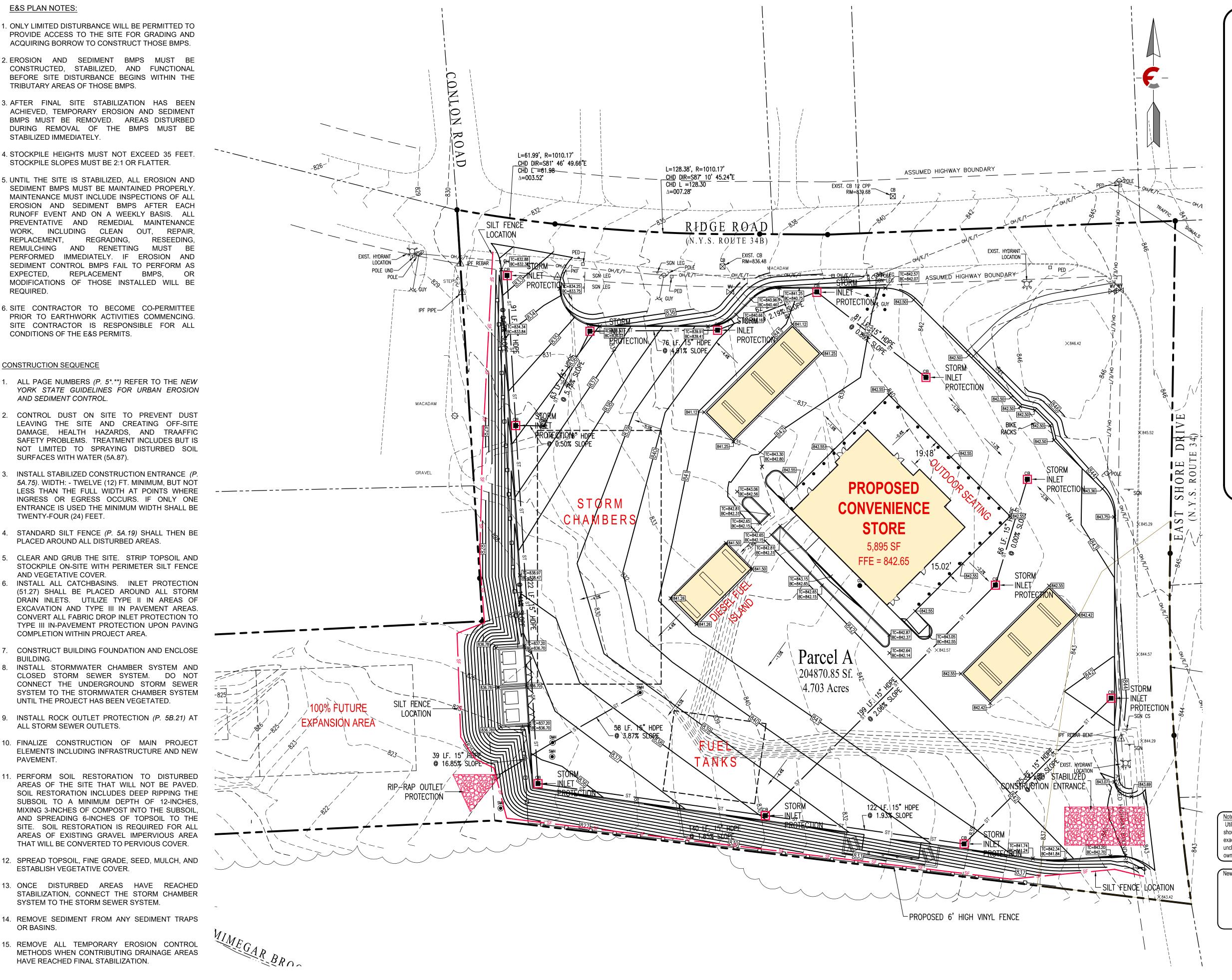
ESTABLISH VEGETATIVE COVER.

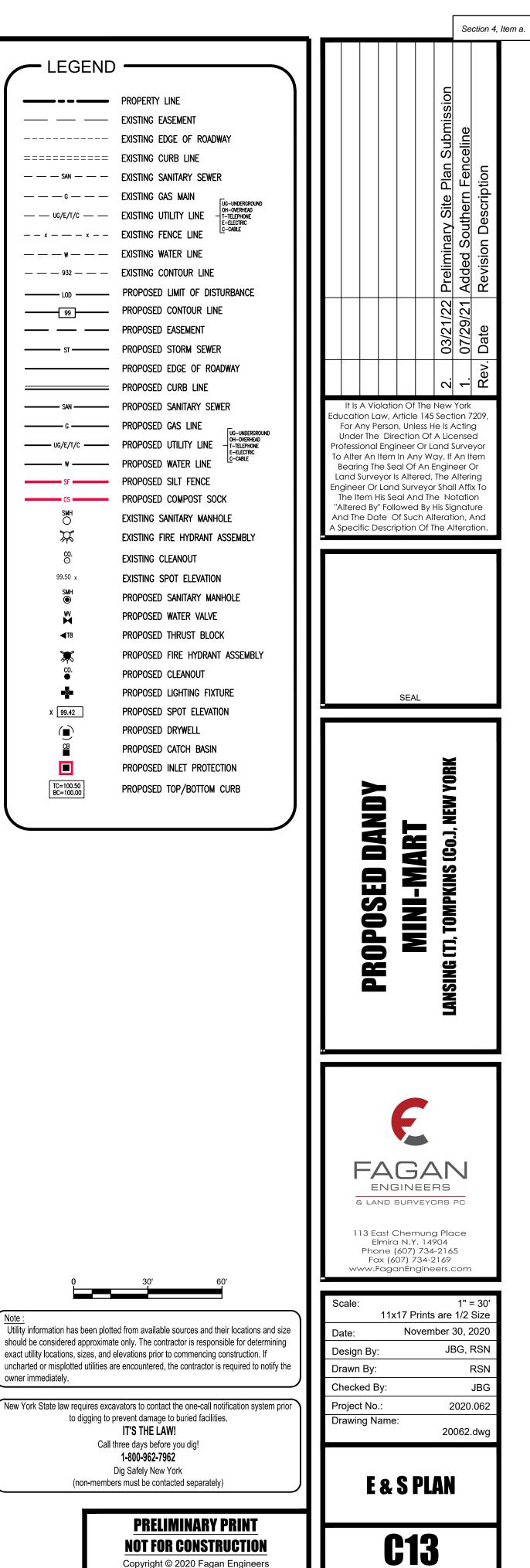
SYSTEM TO THE STORM SEWER SYSTEM.

HAVE REACHED FINAL STABILIZATION.

PAVEMENT.

OR BASINS.





STANDARD AND SPECIFICATIONS FOR LAWN AREA IMPROVEMENT

Establishing Grasses (Turf grasses)

- 1. Time of planting: • Fall planting is preferred. Seed after August 15. In the spring plant until May 15.
- If seeding is done between May 15 and August 15, irrigation may be necessary to insure a successful seeding. 2. Site Preparation:
- A. Install needed water and erosion control measures and bring area to be seeded to desired grades. A minimum of 4 in topsoil
- B. Prepare seedbed by loosening soil to a depth of 1 to 6 inches.
- C. Remove all stones over 1 inch in diameter, sticks and foreign matter from the surface. D. Lime to pH if 6.0 - 7.0.
- E. Fertilize as per soil test or apply 800 to 900 pounds of 5-10-10 or equivalent per acre (20 lbs./1,000 sf.).
- . Incorporate lime and fertilizer in top 2 4 inches of topsoil. G. Smooth and firm the seedbed.
- 3. Planting: Use a cultipacker type seeder if possible.
- If seed is to be drilled, cultipack or roll before and after seeding. Drill the seed to a depth of 1/2 to 1/2 inch. If seed is to be broadcast, cultipack or roll after seeding on loose soil.
- If hydroseeded, lime and fertilizer may be applied through the seeder

4. Mulching: A. Site preparation:

- a. Prior to mulching, install the necessary temporary or permanent erosion control (structural) practices and drainage
- systems within or adjacent to area to be mulched. b. Slope, grade and smooth the site if conventional equipment is to be used in applying and anchoring the mulch.
- c. Remove all undesirable stone and other debris depending on anticipated land use.

 d. Compacted or crusted soil surface should be loosened to at least 2 inches by disking or other suitable methods.
- B. Mulching Materials: • The best combination is straw (small grain) mulch applied at 2 ton/acre (90 lbs./1,000 sf.) and anchored with wood fiber mulch (hydromulch) at 500 - 700 lbs./acre (11 - 17 lbs./1,000 sf.). The wood fiber mulch must be applied through a

hydroseeder immediately after mulching. 5. Seed mixtures:

SITE/USE	SPECIES % BY WEIGHT	Lbs./1,000 sf.	Lbs./Acre
Sunny Sites (well moderately well and somewhat poorly drained soils)	65% Kentucky Bluegrass Blend 20% Perennial Ryegrass 15% Fine Fescue	2.0 - 2.6 0.6 - 0.8 0.4 - 0.6 3.0 - 4.0	85 - 114 26 - 35 19 - 26 130 - 175
Sunny Droughty Sites — General recreation areas and lawns, low maintenance (somewhat excessively to excessively drained soils)	65% Fine Fescue 15% Perennial Ryegrass 20% Kentucky Bluegrass Blend	2.6 - 3.3 0.6 - 0.7 0.8 - 1.0 4.0 - 5.0	114 - 143 26 - 33 35 - 44 174 - 220

6. First Year

- Fertilize 3 to 4 weeks after germination by applying 1 lb. nitrogen/1,000 sf. using a complete fertilizer with a 2-1-1 or
- 4-1-3 ratio or as recommended by soil test results. • Restrict use. New seeding's should be protected from use for 1 full year to allow development of a dense sod with good root

7. Maintaining Grasses

- Maintain a pH of 6.0 to 7.0. • Fertilize in late May to early June as follows with 10-10-10 analysis fertilizer at the rate of 10 lbs./1,000 sf. and repeat in
- late August if sod density is not adequate. Top dress weak sod annually in the spring but at least once every 2 to 3 years. • Aerate compacted or heavily used areas, like athletic fields, annually as soon as soil moisture conditions permit. Aerate area 6

WOVEN WIRE FENCE (MIN. 14 1/2 GAUGE, MAX

WOVEN WIRE FENCE WITH FILTER CLOTH OVER

EMBED FILTER CLOTH MIN. 8" INTO GROW

Posts: Steel either "t" or "u"

Fence: Woven wire, 14 1/2 ga. 6"

stabi-linka t140n or approved equal.

type or 2" hardwood.

max. mesh opening filter.

Cloth: Filter x, mirafi 100x,

prefabricated unit: geofab,

envirofence, or approved equal.

FLOW

SECTION

36" MIN. FENCE POSTS, DRIVEN 16"

SILT FENCING

CONSTRUCTION SPECIFICATIONS FOR FABRICATED SILT FENCE

1. Woven wire fence to be fastened securely to fence posts with

2. Filter cloth to be fastened securely to woven wire fence with ties

3. When two sections of filter cloth adjoin each other they shall be

4. Maintenance shall be performed as needed and material removed

spaced every 24" at top and mid section.

when "bulges" develop in the silt fence.

over-lapped by 6" and folded.

6" MESH SPACING)

MIN. INTO GROUND

to 8 times using a spoon or hollow tine type aeration. Do not use solid spike equipment.

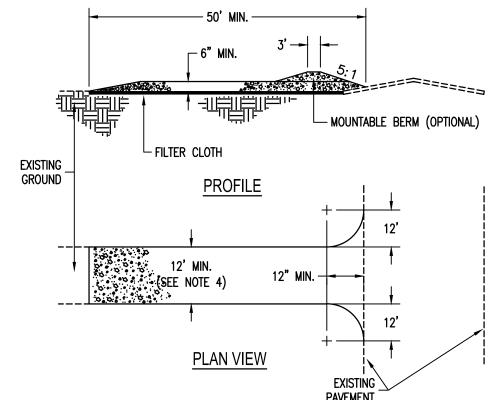
10' MAX. C TO C

PERSPECTIVE

VIEW

wire ties or staples.

Reseed bare and thin areas annually with original species.



STABILIZED CONSTRUCTION ENTRANCE

CONSTRUCTION SPECIFICATIONS

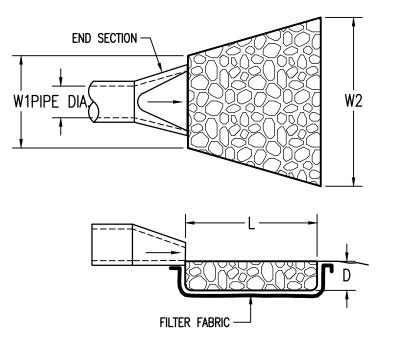
- 1. Stone size: Use 2" stone, or reclaimed or recycled concrete equivalent
- 2. Length: As required, but no less than 50 feet.
- 3. Thickness: Not less than (6) inches.

36" MIN. FENCE

20" MIN.

16" MIN.

- 4. Width: Twelve (12) ft. Minimum, but not less than the full width at points where ingress or egress occurs. If only one entrance is used the minimum width shall be twenty-four (24) feet.
- 5. Filter 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 piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes is permitted.
- 7. Maintenance: The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately by Contractor.
- 8. Washing: Wheels shall be cleaned to remove sediment prior to entrance onto a public rights-of-way. When washing is required it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- 9. Periodic inspection and needed maintenance shall be provided after each rain.



2"X4" WOOD FRAME

DROP INLET

WITH GRATE

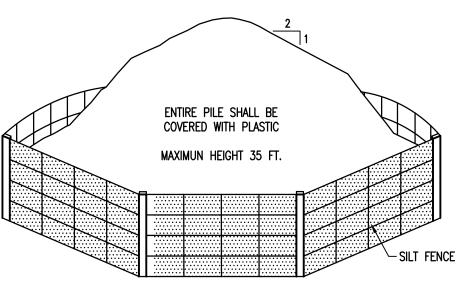
GATHER EXCESS

AT CORNERS

Q V STONE W1 W2 DIA. (in) (cfs) (fps) DIA. (in) (ft) (ft) (ft) - - - - -

RIP-RAP OUTLET APRON DETAIL

NOT TO SCALE



SOIL STOCKPILING NOTES:

- 1. AREA FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- 2. MAXIMUM SLOPE OF STOCKPILE SIDESLOPES SHALL BE 2:1. 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING AND THEN STABILIZED WITH SEED OR SECURED IMPERVIOUS COVER.
- 4. SEE SILT FENCE INSTALLATION DETAIL. 5. PLASTIC SHEETING SHALL BE PLACED BELOW ALL STOCKPILE AREAS.

SOIL STOCKPILE DETAIL

NOT TO SCALE

SPECIFICATIONS FOR SILT FENCE PROTECTION

- 1. Filter fabric shall have an EOS of 40-85.
- 2. Cut fabric from a continuous roll to eliminate joints. If joints are needed they shall be overlapped to the next stake.
- 3. Stake materials shall be 2"x4" wood or equivalent metal with a minimum
- 4. Space stakes evenly around inlet 3 feet apart and drive a minimum 18 inches deep. Spans greater than 3 feet may be bridged with the use of wire mesh behind fabric for support.
- 5. Fabric shall be embedded 1 foot minimum below ground and backfilled. It shall be securely fastened to the stakes and frame.
- 6. A 2"x4" wood frame shall be completed around the crest of the fabric for over flow stability.
- 7. Maximum drainage area 1 acre.
- 8. Inspection shall be frequent and repair or replacement shall be made promptly as needed.

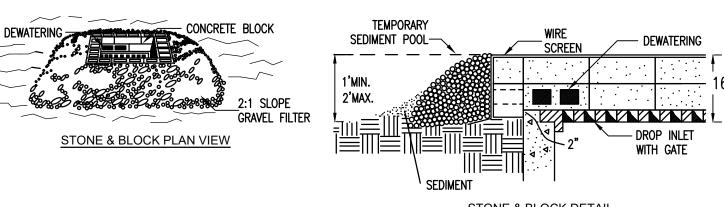
FILTER FABRIC STORM DRAIN **PROTECTION**

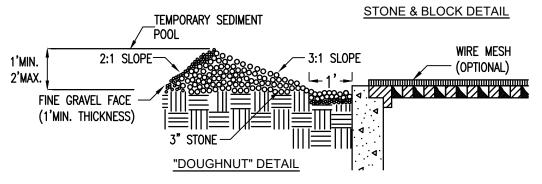
1' MIN.

BURIED FABRIC

STAKE

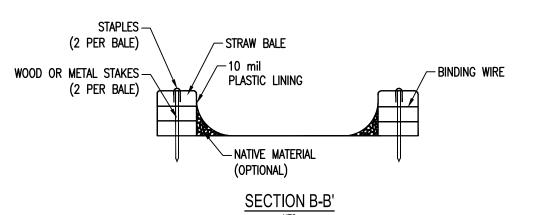
FABRIC

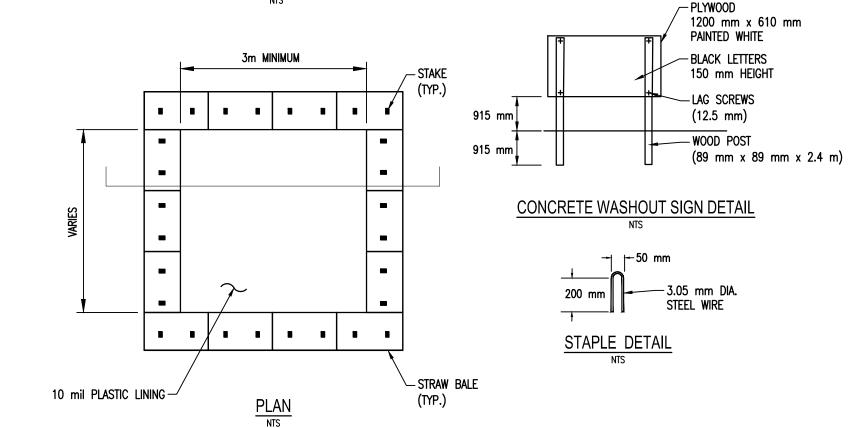




IN-PAVEMENT INLET PROTECTION

LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.





CONCRETE WASHOUT DETAIL

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Section 4, Item a.

Education Law, Article 145 Section 7209 For Any Person, Unless He Is Acting Under The Direction Of A Licensed Professional Engineer Or Land Surveyor To Alter An Item In Any Way. If An Item Bearing The Seal Of An Engineer Or Land Surveyor Is Altered, The Altering Engineer Or Land Surveyor Shall Affix To The Item His Seal And The Notation "Altered By" Followed By His Signature And The Date Of Such Alteration, And A Specific Description Of The Alteration

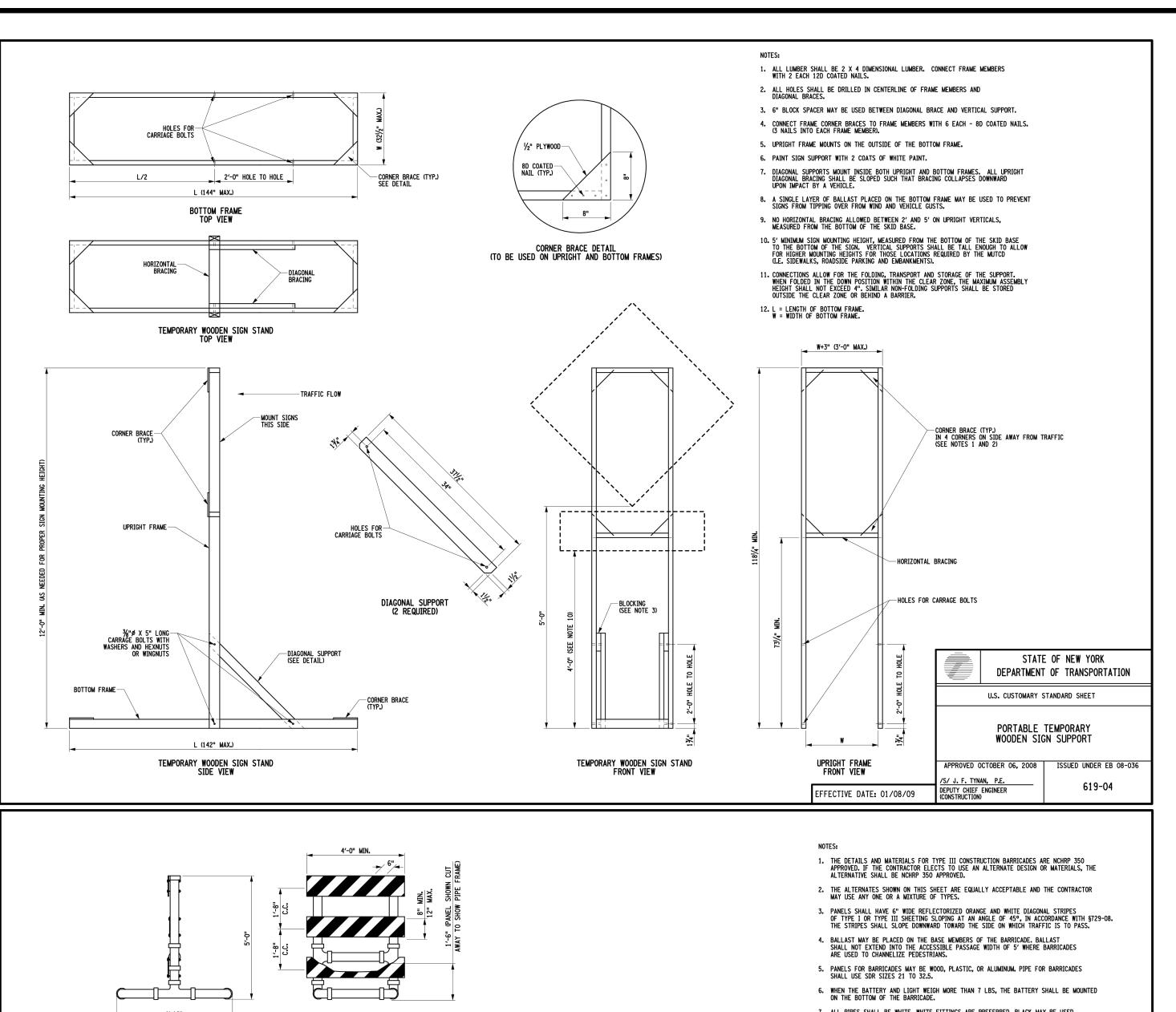
SEAL

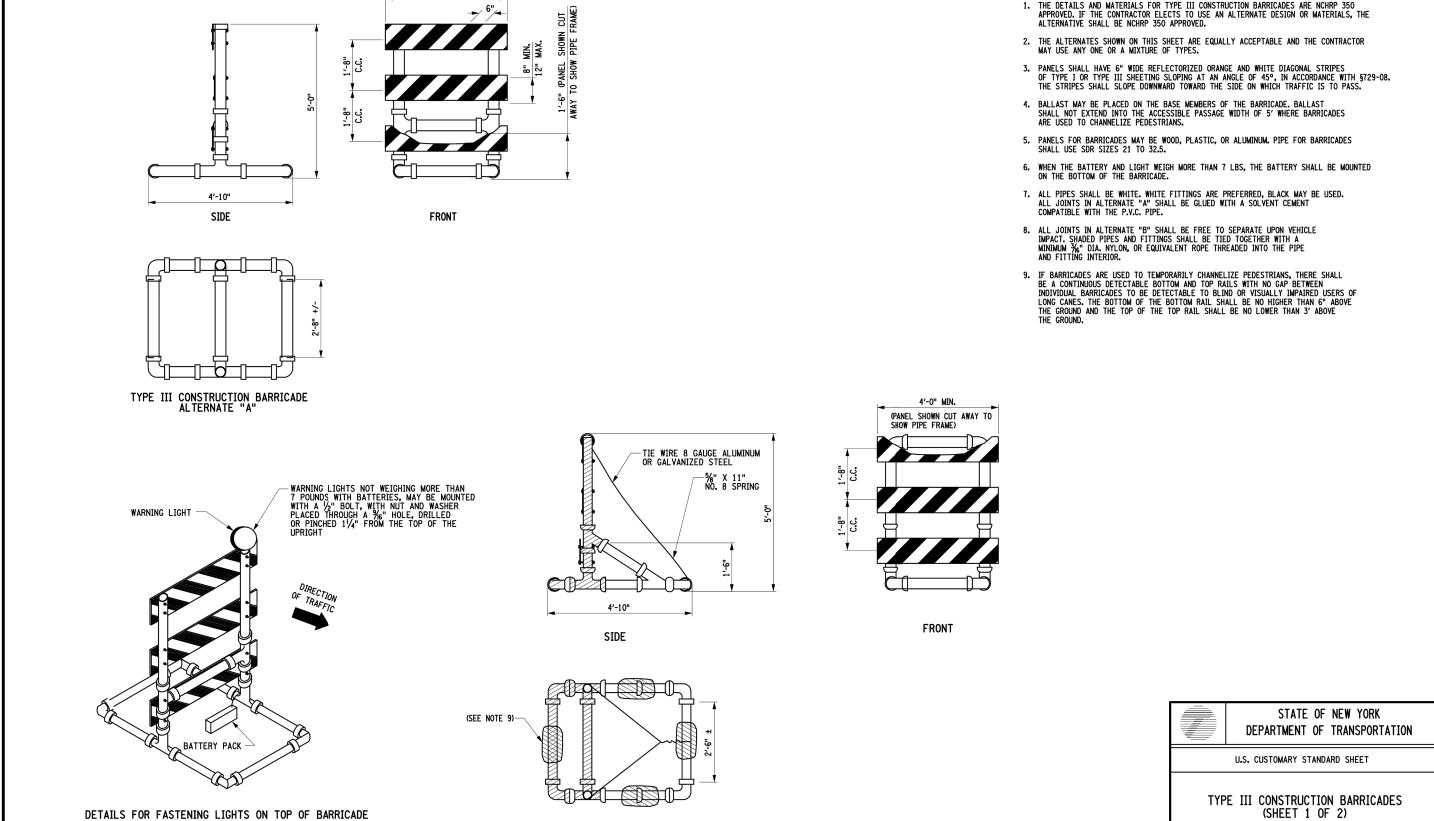
DANDY **II-MART PROPO** (T), T0



As Noted 11x17 Prints are 1/2 Size November 30, 2020 Date: JBG, RSN Design By: Drawn By: RSN Checked By JBG Project No.: 2020.062 **Drawing Name:** 20062.dwg

E&SDETAILS





APPROVED OCTOBER 06, 2008 | ISSUED UNDER EB 08-036

EFFECTIVE DATE: 01/08/09

619-02

TYPE III CONSTRUCTION BARRICADE ALTERNATE "B"

PROPOSED DANDY MINI-MART

Education Law, Article 145 Section 7209, For Any Person, Unless He Is Acting

Under The Direction Of A Licensed

Professional Engineer Or Land Surveyor
To Alter An Item In Any Way. If An Item
Bearing The Seal Of An Engineer Or
Land Surveyor Is Altered, The Altering
Engineer Or Land Surveyor Shall Affix To
The Item His Seal And The Notation
"Altered By" Followed By His Signature
And The Date Of Such Alteration, And
A Specific Description Of The Alteration.

SEAL

Section 4, Item a.

FAGAN ENGINEERS & LAND SURVEYORS PC

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Design By:	JBG, RSN
Drawn By:	RSN
61 1 15	

Checked By: JBG

Project No.: 2020.062

Drawing Name: 20062.dwg

NYSDOT WORKZONE

DETAILS C15

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PRELIMINARY PRINT

GENERAL NOTES

- 1. THE TYPICAL DETAILS DEPICTED ON THE STANDARD SHEETS AND IN THE MUTCD, REFLECT THE MINIMUM REQUIREMENTS.
- 2. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE SCOPE OF THE TRAFFIC CONTROL PLAN. SUCH CHANGES IN SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE THIRTY (30) WORKING DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.
- 3. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS. THE ENGINEER WILL PROVIDE THE SUBMITTED INFORMATION TO REGIONAL MANAGEMENT, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.
- 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.
- 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.
- 4. 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 ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER 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 MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE.
- 7. NYR9-12 MAY BE USED IN PLACE OF NYR9-11.
- 1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY. PUBLIC ACCESS
- PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
- 1. 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 LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.
- 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 WIDTH 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.

EFFECTIVE DATE: 01/08/09 DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY

- 2. NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
- 3. 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.

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD SHEET WORK ZONE TRAFFIC CONTROL GENERAL NOTES APPROVED SEPTEMBER 18, 2008 | ISSUED UNDER EB 08-036 S/ DAVID J. CLEMENTS, P.E. 619-10

TABLE 6C-3
TAPER LENGTH FOR TEMPORARY
TRAFFIC CONTROL ZONES

MERGING TAPER

SHIFTING TAPER

SHOULDER TAPER

ONE-LANE, TWO-WAY TRAFFIC TAPER

DOWNSTREAM TAPER

100 FT. MAXIMUM

DOWNSTREAM TAPER

WORK DURATION DEFINITIONS

LONG-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN 3 CONSECUTIVE DAYS.

INTERMEDIATE-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN ONE DAYLIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR NIGHTTIME WORK LASTING MORE THAN 1 HOUR.

SHORT DURATION IS WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.

MOBILE IS WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY.

TABLE NY1-A BARRIER VEHICLE USE REQUIREMENTS (LONG TERM, INTERMEDIATE TERM, AND SHORT TERM STATIONARY CLOSURES)						
			USE REQUI	REMENTS 4,5		
CLOSURE TYPE	EXPOSURE CONDITION 1	FREEWAY	NON-FREEWAY (PRECONSTRUCTION POSTED SPEED LIMIT)			
		FILLWAT	≥ 45 MPH	35-40 MPH	≤ 30 MPH	
LANE OF COLUM	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED ³	REQUIRED ³	REQUIRED ³	OPTIONAL ²	
LANE CLOSURE	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED ³	REQUIRED ³	OPTIONAL ²	OPTIONAL ²	
CHOIL BED OF OCUPE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED ³	REQUIRED ³	OPTIONAL ²	OPTIONAL ²	
SHOULDER CLOSURE	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED ³	OPTIONAL ²	OPTIONAL ²	OPTIONAL ²	

- THE EXPOSURE CONDITIONS DESCRIBED IN TABLE NY1-A ASSUMES THERE IS NO POSITIVE PROTECTION (TEMPORARY TRAFFIC BARRIER) PRESENT. WHERE WORKERS OR HAZARDS ARE PROTECTED BY A TEMPORARY TRAFFIC BARRIER, BARRIER VEHICLES ARE NOT REQUIRED.
- . WHERE THE REQUIREMENT IS "OPTIONAL", EITHER A BARRIER VEHICLE OR THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED. 3. REQUIREMENTS SHALL INCLUDE PROVIDING A SEPARATE BARRIER VEHICLE FOR EACH CLOSED LANE AND EACH CLOSED PAVED SHOULDER 8' OR GREATER IN WIDTH. IF THE WORK SPACE MOVES WITHIN THE STATIONARY CLOSURE, THE BARRIER VEHICLE SHALL BE REPOSITIONED ACCORDINGLY. BARRIER VEHICLES PROTECTING NON-TRANSVERSABLE HAZARDS SHALL REMAIN IN PLACE DURING BOTH WORKING AND NON-WORKING HOURS UNTIL THE HAZARD NO LONGER EXIST. EXCEPTIONS TO THESE REQUIREMENTS MAY BE MADE, AS APPROVED BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE WHERE BARRIER VEHICLE PLACEMENT WOULD BE INEFFECTIVE OR WOULD INTERFERE WITH THE SAFE OPERATION OF TRAFFIC.
- BARRIER VEHICLES ARE NOT REQUIRED FOR MILLING AND/OR PAVING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED. 5. BARRIER VEHICLES ARE NOT REQUIRED FOR FLAGGING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLEGC-2) SHALL BE PROVIDED.

TABLE NY1-B SHADOW VEHICLE USE REQUIREMENTS (MOBILE CLOSURES)							
			USE REQUI	REMENTS			
CLOSURE TYPE EXPOSURE CONDITION		FREEWAY	NON-FREEWAY (PRECONSTRUCTION POSTED SPEED LIM				
		FREEWAI	≥ 45 MPH	35-40 MPH	≤ 30 MPH		
LANE CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}		
SHOULDER CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}		

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

SPEED LIMIT (MPH)	(S)	TAP (FT.	ER LENGT	H (L)	I - TARER LENGTH			- TARER LENGTH		
(40 MPH) OR	LESS	L=	WS ² /60		L = TAPER LENGTH W = WIDTH OF OFFSET (FT.) S = PRECONSTRUCTION POSTED SPEED LIMIT				(MPH)	
(45 MPH) OR	MORE	L=	WS							
STANDARD TAPER LENGTHS										
LATERAL SHIFT OF TRAFFIC		TEM	PORARY TE	RAFFIC CO	NTROL ZON	NE POSTED	SPEED L	IMIT		
FLOW PATH	(25 MPH)	(30 MPH)	(35 MPH)	(40 MPH)	(45 MPH)	(50 MPH)	(55 MPH)	(60 MPH)	(65 MPH)	(70 MPH)
4	45	60	85	110	180	200	220	240	260	280
5	55	75	105	135	225	250	275	300	325	350
6	65	90	125	160	270	300	330	360	390	420
7	75	105	145	190	315	350	385	420	455	490
8	85	120	165	215	360	400	440	480	520	560
9	95	135	185	240	405	450	495	540	585	630
10	105	150	205	270	450	500	550	600	650	700
11	115	165	225	295	495	550	605	660	715	770
12	125	180	245	320	540	600	660	720	780	840

TABLE 6H-4 FORMULAS FOR DETERMINING TAPER LENGTHS

		TA FLARE RATES
	E 6C-2 BUFFER SPACE	TYPE OF POSITIVE BAR
RECONSTRUCTION		TEMPORARY CONCRETE BARRIER
STED EED LIMIT (MPH)	DISTANCE	BOX BEAM OR HEAVY POST CORRI
25	155 FT.	
30	200 FT.	TAI
35	250 FT.	ADVANCE WA
40	l 305 FT.	ADVANCE WA

TABLE NY2-A PLACEMENT DISTANCE FOR BARRIER VEHICLES				
PRECONSTRUCTION PLACEMENT DISTANCE (FT.)				
POSTED		BARRIER V	EHICLES*	
SPEED LIMIT	(18000 LBS.)		(24000 LBS.)	
(MPH)	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
> 55	100 FT.	200 FT.	100 FT.	200 FT.
45 - 55	100 FT.	200 FT.	85 FT.	165 FT.
< 45	85 FT.	165 FT.	50 FT.	100 FT.

BARRIER VEHICLE - VEHICLE USED FOR STATIONARY SHOULDER CLOSURES, LANE CLOSURES, AND OTHER STATIONARY WORK ZONES. MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

TABLE NY2-B PLACEMENT DISTANCE FOR SHADOW VEHICLES					
PRECONSTRUCTION	F		ISTANCE (FT.)		
POSTED	SHADOW VEHICLES**				
SPEED LIMIT	(18000	LBS.)	(24000 LBS.)		
(MPH)	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	
> 55	230 FT.	330 FT.	180 FT.	280 FT.	
45 - 55	180 FT.	280 FT.	150 FT.	250 FT.	
< 45	100 FT.	200 FT.	100 FT.	200 FT.	

* AS DEFINED IN NYSDOT STANDARD SPECIFICATION 619: SHADOW VEHICLE - VEHICLE USED FOR MOBILE OR SHORT DURATION WORK OPERATIONS. MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

630 700	•••	ARROW PANEL TRAILER OR SUPPORT
770 840	Ι	CHANGEABLE MESSAGE SIGN (PVMS)
		CHANNELIZING DEVICE
TABLE 619-4		CRASH CUSHION/TEMPORARY IMPACT ATTENUATOR
FLARE RATES FOR POSITIVE BARRIER	_	DIRECTION OF TEMPORARY TRAFFIC DETOUR
POSTED SPEED LIMIT		DIRECTION OF TRAFFIC
TEMPORARY CONCRETE BARRIER 8:1 11:1 14:1 16:1 20:1 BOX BEAM OR HEAVY POST CORRUGATED BEAM 7:1 9:1 11:1 12:1 15:1	-	FLAGGER
TABLE NY6H-3	* **	FLAG TREE
ADVANCE WARNING SIGN SPACING	-	LUMINAIRE
ROAD TYPE DISTANCE BETWEEN SIGNS SIGN LEGEND	11111	PAVEMENT MARKINGS THAT SHALL BE REMOVED FOR A LONG TERM PROJECT
URBAN (≤ 30 MPH*) 100 100 100 AHEAD AHEAD	F	SIGN. TEMPORARY
URBAN (35-40 MPH+) 200 200 200 AHEAD AHEAD	•	·
URBAN (≥ 45 MPH+) 350 350 350 1000 FT. AHEAD RURAL 500 500 500 1500 FT. 1000 FT.		TEMPORARY BARRIER
EXPRESSWAY / FREEWAY 1000 1500 2640 1 MILE 1/2 MILE • PRECONSTRUCTION POSTED SPEED LIMIT		TEMPORARY BARRIER WITH WARNING LIGHTS
URBAN: (MEETS MORE THAN 1 OF THE FOLLOWING CRITERIA) SIDEWALKS, BICYCLE USAGE, CURBING, CLOSED DRAINAGE SYSTEMS.	0-	TRAFFIC OR PEDESTRIAN SIGNAL
DRIVEWAY DENSITIES GREATER THAN 24 DRIVEWAYS PER MILE, MINOR COMMERCIAL DRIVEWAY DENSITIES OF 10 DRIVEWAYS PER MILE OR GREATER, MAJOR COMMERCIAL DRIVEWAYS, NUMEROUS RIGHT OF WAY		TYPE III BARRICADE
CONSTRAINTS, HIGH DENSITY OF CROSS STREETS, 85TH PERCENTILE SPEEDS OF 45 MPH OR LESS.	Q	WARNING LIGHTS
RURAL: ANY AREA NOT EXHIBITING MORE THAN ONE OF THE ABOVE CHARACTERISTICS.		WORK SPACE
EXPRESSWAY: DIVIDED HIGHWAYS FOR TRAFFIC WITH FULL OR PARTIAL CONTROL OF ACCESS AND GENERALLY WITH GRADE SEPARATIONS AT MAJOR CROSSROADS.		WORK VEHICLE
FREEWAYS/INTERSTATE: LOCAL OR INTER REGIONAL HIGH-SPEED, DIVIDED, HIGH-VOLLIME FACILITIES WITH FULL OR PARTIAL CONTROL OF ACCESS.		WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR

ARROW PANEL

: : ARROW PANEL, CAUTION MODE

WORK ZONE TRAFFIC CONTROL LEGEND

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD SHEET SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD. WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES

> APPROVED SEPTEMBER 18, 2008 | ISSUED UNDER EB 08-036 / DAVID J. CLEMENTS, P.E. EFFECTIVE DATE: 01/08/09 DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY

					03/21/22 Preliminary Site Plan Submission	07/29/21 Added Southern Fenceline	Revision Description		
					03/21/22	07/29/21	Rev. Date		
					2.	1.	Rev.		
It Is A Violation Of The New York cation Law, Article 145 Section 7209, or Any Person, Unless He Is Acting nder The Direction Of A Licensed fessional Engineer Or Land Surveyor Alter An Item In Any Way. If An Item earing The Seal Of An Engineer Or nd Surveyor Is Altered, The Altering									

Section 4, Item a.

Engineer Or Land Surveyor Shall Affix To The Item His Seal And The Notation "Altered By" Followed By His Signature And The Date Of Such Alteration, And A Specific Description Of The Alteration

SEAL

DANDY **I-MART** SED **=**



Scale: As Noted 11x17 Prints are 1/2 Size November 30, 2020 JBG, RSN Design By: Drawn By: RSN Checked By: JBG Project No.: 2020.062

Fax (607) 734-2169

www.FaganEngineers.com

NYSDOT **WORKZONE DETAILS**

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JBG Checked By: 2020.062 Project No.: Drawing Name: 20062.dwg NYSDOT WORKZONE **DETAILS**

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Design By: Drawn By:

11x17 Prints are 1/2 Size November 30, 2020

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RSN

SED DANDY MINI-MART
LANSING (T), TOMPKINS (Co.), NE PROPO

It Is A Violation Of The New York
Education Law, Article 145 Section 7209,
For Any Person, Unless He Is Acting
Under The Direction Of A Licensed
Professional Engineer Or Land Surveyor
To Alter An Item In Any Way. If An Item
Bearing The Seal Of An Engineer Or
Land Surveyor Is Altered, The Altering
Engineer Or Land Surveyor Shall Affix To
The Item His Seal And The Notation
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And The Date Of Such Alteration, And
A Specific Description Of The Alteration.

2. 03/21/22 1. 07/29/21 Rev. Date			03/21/22 Preliminary Site Plan Submission	07/29/21 Added Southern Fenceline	Revision Description	
			03/21/22	07/29/21	Date	
			2.	1.	Rev.	

Section 4, Item a.

	WORK ZONE TI	RAFFIC (CONTROL SIGN	I TABLE		W	ORK ZONE T	RAFFIC (CONTROL SIGN	I TABLE		W	ORK ZONE TR	AFFIC (CONTROL SIGN	TABLE		
SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY	SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY	SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY	
ROAD	W5-1	A	36"X36"	48"X48"	48"X48"	XX	W13-1P	A	24"X24"	30"X30"	30"X30"	i	W21-1	A	36"X36"	48"X48"	48"X48"	
RAMP	W5-4	A	36"X36"	48"X48"	48"X48"	ON RAMP	W14-3	A	36"X36"	36"X36"	36"X36"	SLOW MOVING	#E1 1	,	30 X30	10 X10		ROADWAY DEFINITIONS:
	W6-3	A	36"X36"	48"X48"	48"X48"	NO PASSING ZONE	W13-4P	A	48"X48"X36"			VEHICLE VEHICLE	W21-4	A	36"X18"	48"X24"	48"X24"	CONVENTIONAL ROAD - A STREET OR HIGHWAY OTHER THAN A FREEWAY, OR EXPRESSWAY.
NEXT X MILES	W7-3aP	A	24"X18"	36"X30"	36"X30"	SHARE THE ROAD	W16-1P	SEE NOTE 3 A OR F	18"X24"	24"X30"		SHOULDER	W21-5	A	36"X36"	48"X48"	48"X48"	EXPRESSWAY - A DIVIDED HIGHWAY WITH PARTIAL CONTROL OF ACCESS. FREEWAY - A DIVIDED HIGHWAY WITH FULL CONTROL OF ACCESS.
ВИМР	W8-1	A	36"X36"	48"X48"	48"X48"	XXX FEET	W16-2P	A	24"X18"	30"X24"		LEFT RIGHT	W04 5 -1		TOWAC!!	4007400	4011/4011	
PAVEMENT	W8-3	A	36"X36"	48"X48"	48"X48"	NEXT XXX FT	W16-4P W16-5PL	SEE NOTE 3 A OR F	30"X24"			SHOULDER SHOULDER CLOSED	W21-5aL W21-5aR	A	36"X36"	48"X48"	48"X48"	COLOR CODE LEGEND CODE DESCRIPTION
LINUS							W16-5PR W16-7PL	SEE	24"X18"			SHOULDER						A BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND
LOOSE	W8-7	A	36"X36"	48"X48"	48"X48"		W16-7PR	NOTE 3 A OR F	24"X12"	30"X18"		CLOSED LEFT SHOULDER CLOSED LEFT SHOULDER CLOSED XXX FT X MILE						B BLACK LEGEND AND BORDER ON A WHITE BACKGROUND
ROUGH	W8-8	A	36"X36"	48"X48"	48"X48"	ROAD	W16-9P	NOTE 3 A OR F	24"X12"	30"X18"		RIGHT SHOULDER CLOSED	W21-5bL W21-5bR	A	36"X36"	48"X48"	48"X48"	C WHITE LEGEND AND BORDER ON A GREEN BACKGROUND WHITE LEGEND AND BORDER
LOW	W8-9	A	36"X36"	48"X48"	48"X48"	WORK AHEAD ROAD WORK XXX FT X MILE	W20-1	A	36"X36"	48"X48"	48"X48"	RIGHT AHEAD RIGHT SHOULDER CLOSED XXX FT XXX FT						D ON A RED BACKGROUND E RED LEGEND AND BORDER ON A WHITE BACKGROUND
						NAA F						MOWING						BLACK LEGEND AND BORDER F ON A FLOURESCENT YELLOW
NO CENTER LINE	W8-12	A	36"X36"			DETOUR AHEAD DETOUR DETOUR	W20-2	A	36"X36"	48"X48"	48"X48"	AHEAD	W21-8	A	36"X36"	48"X48"	48"X48"	GREEN BACKGROUND WHITE LEGEND AND BORDER ON A BLUE AND RED BACKGROUND
FALLEN	W8-14	A	36"X36"	48"X48"	48"X48"	XXX FT X MILE						BLASTING ZONE AHEAD BLASTING BLASTING	W22-1	A	36"X36"	48"X48"	48"X48"	DACKGROUND
GROOVED	W8-15	A	36"X36"	48"X48"	48"X48"	ROAD CLOSED AHEAD ROAD CLOSED XXX FT X MILE	W20-3	A	36"X36"	48"X48"	48"X48"	ZONE ZONE 1500 FT 1/2 MILE						NOTES: 1. DIMENSIONS ARE SHOWN AS WIDTH X HEIGHT.
	W8-17	A	36"X36"	48"X48"	48"X48"	ONE LANE ROAD						TURN OFF 2-WAY RADIO AND CELL PHONE	W22-2	A	42"X36"	42"X36"	42"X36"	2. FOR SIGNAGE NOT SHOWN ON THESE TABLES REFER TO THE M.U.T.C.D. 3. WHEN USED IN CONJUNCTION WITH A BICYCLE SIGN (W11-1) OR
SHOULDER DROP-OFF	W8-17p	A	24"X18"	30"X24"	30"X24"	ONE LANE ROAD XXX FT X MILE	W20-4	A	36"X36"	48"X48"	48"X48"	END BLASTING ZONE	W22-3	A	42"X36"	42"X36"	42"X36"	PEDESTRIAN CROSSING (W11-2) COLOR CODE SHALL MATCH.
SHOULDER	W8-23	A	36"X36"	48"X48"	48"X48"	LEFT LANE CLOSED						NEW TRAFFIC PATTERN AHEAD	W23-2	A	36"X36"	48"X48"	48"X48"	
STEEL ON PAVEMENT	W8-24	A	36"X36"	48"X48"	48"X48"	l V Zuguz	W 20-5	A	36"X36"	48"X48"	48"X48"	PATTERN	HZJ-Z	*	30 A30	טדא טר	10 ATO	
CENTER LANE CLOSED AHEAD	W9-3	A	36"X36"	48"X48"	48"X48"	RIGHT LANE CLOSED I MILE LANE LANE LANE LANE LANE LANE LANE LOSED I MILE							W24-1L W24-1R	A	36"X36"	48"X48"	48"X48"	
(A) (A)	W11-1L W11-1R	A OR F	36"X36"	36"X36"		LET LAMES CLOSED AREAD 2 LET LAMES CLOSED CLOSED CLOSED MILE CLOSE						(2) (33)	W24-1aL W24-1aR	A	36"X36"	48"X48"	48"X48"	STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
(A) (A)	W11-2L W11-2R	F	36"X36"	36"X36"			₩20-5a	A	36"X36"	48"X48"	48"X48"		#2T-IQK					U.S. CUSTOMARY STANDARD SHEET
	W11-15L W11-15R	F	36"X36"	36"X36"		RIGHT LANES CLOSED APEAD 2 RIGHT LANES CLOSED XXXX TT X MILE						\(\langle (\langle (\langle \langle \rangle)))\)	W24-1bL W24-1bR	A	36"X36"	48"X48"	48"X48"	SIGN TABLE (SHEET 2 OF 2)
	1	1					W20-7	Δ.	36"X36"	48"X48"	48"X48"							APPROVED APRIL 1, 2012 ISSUED UNDER EB 12-010

			IC CONTROL S	IGN TABLE		
SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY	
EXIT 🗾	E5-1	С		72"X60"	72"X60"	
ROAD WORK NEXT X MLES	G20-1	А	36"X18"	48"X24"	48"X24"	
END ROAD WORK	G20-2	А	36"X18"	48"X24"	48"X24"	
PILOT CAR FOLLOW ME	G20-4	A	36"X18"			
WORK ZONE	G20-5aP	A	24"X18"	36"X24"	36"X24"	
X XX	M1-1	G	1 OR 2 DIGITS 24"X24"	36"X36"	36"X36"	
XXX	M1-1†	G	3 DIGITS 30"X24"	45"X36"	45"X36"	
X XX	M1-4	В	1 OR 2 DIGITS 24"X24"	36"X36"	36"X36"	
XXX	M1-4†	В	3 DIGITS 30"X24"	45"X36"	45"X36"	
North	M3-1					
EAST	M3-2	SEE NOTE 3	24"X12"	36"X18"	36"X18"	
SOUTH	M3-3 M3-4					
DETOUR	M4-8	A	24"X12"	36"X18"	36"X18"	
END	M4-8a	A	24"X18"	24"X18"	24"X18"	
DETOUR	W + 00		24 710	24 710	24 710	
TOUR DETOUR	M4-9 M4-9L M4-9R	A	30"X24"	48"X36"	48"X36"	
DETOUR STORETOUR DETOUR	M4-9 a	A	30"X24"	30"X24"		
DETOUR DETOUR	M4-9b	A	30"X24"	30"X24"		
DETOUR DETOUR	M4-9c	A	30"X24"	30"X24"		
DETOUR	M4-10L					
DETOUR	M4-10R	A	48"X18"	48"X18"	48"X18"	
4	M5-1	SEE NOTE 3	21"X15"	30"X21"	30"X21"	
7	M5-2	SEE NOTE 3	21"X15"	30"X21"	30"X21"	
←	M6-1					
N/	M6-2		24 1/4 1	7011V04 II	7011V0411	
1	M6-3	SEE NOTE 3	21"X15"	30"X21"	30"X21"	
★ M6-4		1				
XXX	NYM3-1	В	24"X24"	36"X36"	36"X36"	
XXX	NYM3-2	В	30"X24"	45"X36"	45"X36"	
XXXA	NYM3-3	В	30"X24"	45"X36"	45"X36"	

	WORK ZONE	TRAFF	IC CONTROL S	SIGN TABLE	
SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY
STATE LAW LICENSE SUSPENDED AFTER TWO WORK ZONE SPEEDING TICKETS	NYR9-11	В	24"X42"	48"X84"	48"X84"
STATE LAW FINES DOUBLED FOR SPEEDING IN WORK ZONES	NYR9-12	В	24"X36"	36"X54"	48"X72"
RUMBLE	NYW4-17	A	36"X36"	48"X48"	48"X48"
WET	NYW8-30	A	48"X24"	48"X24"	48"X24"
STAY IN LANE	NYW8-31	Α	48"X24"	48"X24"	48"X24"
DO NOT PASS	NYW8-32	Α	48"X24"	48"X24"	48"X24"
LANE CLOSED	NYW8-33	A	48"X24"	48"X24"	48"X24"
STOP	R1-1	D	36"X36"	36"X36"	48"X48"
YELD	R1-2	E	36"X36"X36"	48"X48"X48"	60"X60"X60
SPEED LIMIT XX	R2-1	В	24"X30" OR 30"X36" (SEE NOTE 5)	36"X48"	36"X48"
END HIGHER FINES ZONE	R2-11	В	24"X30"	36"X48"	36"X48"
END WORK ZONE SPEED LIMIT	R2-12	В	24"X36"	36"X54"	36"X54"
DO NOT PASS	R4-1	В	24"X30"	36"X48"	36"X48"
VA.	R4-7	В	24"X30"	36"X48"	36"X48"
7	R4-7c NARROW	В	18"X30"		
₹▼	R4-8 R4-8c	В	24"X30" 18"X30"	36"X48" 	36"X48"
STAY	NARROW	В	16 730		
IN LANE	R4-9	В	24"X30"	36"X48"	36"X48"
DO NOT ENTER	R5-1	E	36"X36"	36"X36"	48"X48"
PEDESTRIAN CROSSWALK	R9-8	В	36"X18"	36"X18"	
SIDEWALK	R9-9	В	24"X12"	24"X12"	
SIDEWALK CLOSED USE OTHER SIDE USE OTHER SIDE USE OTHER SIDE	R9-10L R9-10R	В	24"X12"	24"X12"	
SIDEWALK CLOSED AHEAD	D0-441		_	_	
CROSS HERE SIDEWALK CLOSED AHEAD CROSS HERE	R9-11L R9-11R	В	24"X18"	24"X18"	
SIDEWALK CLOSED CROSS HERE SIDEWALK CLOSED CROSS HERE	R9-11aL R9-11aR	В	24"X12"	24"X12"	
STOP HERE ON RED	R10-6	В	24"X36"	24"X36"	
ROAD CLOSED	R11-2	В	48"X30"	48"X30"	48"X30"

SIGN	SIGN Designation	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY
ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY	R11-3a	В	60"X30"	60"X30"	
(\$\hat{\partial}{2}	W1-4L W1-4R	A	36"X36"	48"X48"	48"X48"
(1)	W1-4bL W1-4bR	A	36"X36"	48"X48"	48"X48"
(tt)	W1-4cL W1-4cR	A	36"X36"	48"X48"	48"X48"
←	W1-6L W1-6R	A	- 48"X24"	60"X30"	60"X30"
	W1-8L	A (NO BORDER)	18"X24"	30"X36"	30"X36"
	W1-8R	(NO BORDER)			
	W3-1	A ⁴	36"X36"	48"X48"	48"X48"
	W3-2	A ⁴	36"X36"	48"X48"	48"X48"
	W3-3	A ⁴	36"X36"	48"X48"	48"X48"
PREPARED TO STOP	W3-4	A	36"X36"	48"X48"	48"X48 "
	₩3-5	A ⁴	36"X36"	48"X48"	48"X48"
(1)(t)	W4-1L W4-1R	A	36"X36"	48"X48"	48"X48 "
	W4-2L W4-2R	A	36"X36"	48"X48"	48"X48"

	WORK ZONE	TRAFF	IC CONTROL S	IGN TABLE		
SIGN	SIGN Designation	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY	
ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY	R11-3a	В	60"X30"	60"X30"		
	W1-4L W1-4R	A	36"X36"	48"X48"	48"X48"	ROADWAY DEFINITIONS: CONVENTIONAL ROAD - A STREET OR HIGHWAY OTHER THAN
(11)	W1-4bL W1-4bR	A	36"X36"	48"X48"	48"X48"	A FREEWAY, OR EXPRESSWAY. EXPRESSWAY - A DIVIDED HIGHWAY WITH PARTIAL CONTROL OF ACCESS. FREEWAY - A DIVIDED HIGHWAY WITH FULL CONTROL OF ACCESS.
m	,					COLOR CODE LEGEND
\'\\	W1-4cL W1-4cR	A	36"X36"	48"X48"	48"X48"	CODE DESCRIPTION
* (777)	W1-4GK					A BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND
—	W1-6L	A				B BLACK LEGEND AND BORDER ON A WHITE BACKGROUND
			48"X24"	60"X30"	60"X30"	C WHITE LEGEND AND BORDER ON A GREEN BACKGROUND
	W1-6R	A				D WHITE LEGEND AND BORDER ON A RED BACKGROUND
	W1-8L	(NO Border)	18"X24"	30"X36"	30"X36"	E RED LEGEND AND BORDER ON A WHITE BACKGROUND
	W1-8R	A (NO BORDER)	10 824	30"X36"	30"X36"	BLACK LEGEND AND BORDER F ON A FLOURESCENT YELLOW GREEN BACKGROUND
	W3-1	A ⁴	36"X36"	48"X48"	48"X48"	G WHITE LEGEND AND BORDER ON A BLUE AND RED BACKGROUND
	W3-2	A ⁴	36"X36"	48"X48"	48"X48"	NOTES:
	W3-3	A ⁴	36"X36"	48"X48"	48"X48"	1. DIMENSIONS ARE SHOWN AS WIDTH X HEIGHT. 2. FOR SIGNAGE NOT SHOWN ON THESE TABLES REFER TO THE M.U.T.C.D. 3. COLORS FOR DIRECTION PLAQUES, ADVANCE TURN ARROWS, AND DIRECTIONAL ARROWS SHALL MATCH THE ROUTE OR INTERSTATE
PREPARED TO STOP	W3-4	A	36"X36"	48"X48"	48"X48"	SIGN THAT THEY SUPPLEMENT AS PER THE M.U.T.C.D. 4. MULTICOLORED SYMBOL IMPOSED ON SIGN WITH BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND. 5. FOR R2-1 SIGN LARGER DIMENSIONS SHALL BE USED WHEN SIGN FACES
	W3-5	A ⁴	36"X36"	48"X48"	48"X48"	MULTIPLE LANES ON A CONVENTIONAL ROAD.
	W4-1L W4-1R	A	36"X36"	48"X48"	48"X48"	
	W4-2L W4-2R	A	36"X36"	48"X48"	48"X48"	STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
						U.S. CUSTOMARY STANDARD SHEET

SIGN TABLE (SHEET 1 OF 2)

APPROVED APRIL 1, 2012 ISSUED UNDER EB 12-010

619-12

619-12

/S/ TODD WESTHUIS, P.E.
DIRECTOR, OFFICE OF
TRAFFIC SAFETY AND MOBILITY

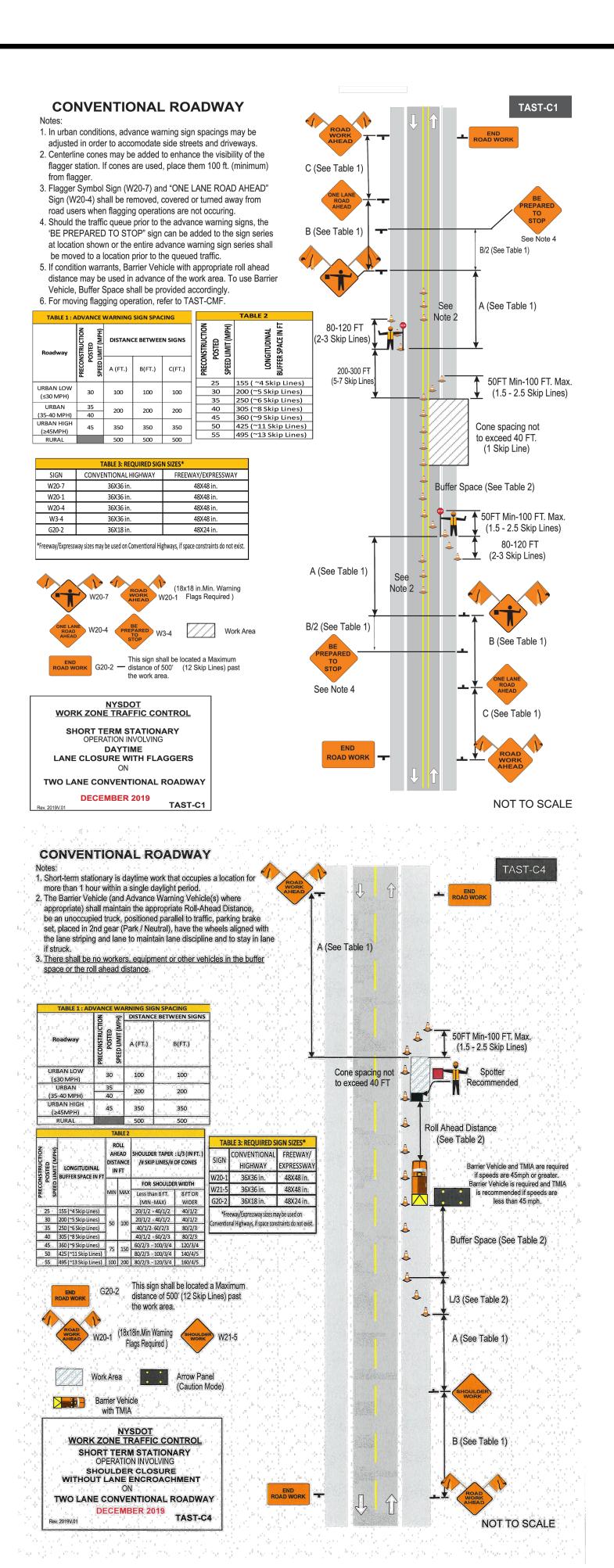
FFECTIVE DATE: 05/03/2012 // S/ TODD WESTHUIS, P.E.
DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY

NYSDOT STANDARD GENERAL PLAN NOTES:

- THE ROADWAY SHALL BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
- ROADSIDE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES.
- MATERIALS, EQUIPMENT AND VEHICLES SHALL NOT BE STORED OR PARKED WITHIN THE NEW YORK STATE RIGHT-OF-WAY.
- 4. WORKZONE TRAFFIC CONTROL SHALL COMPLY WITH THE 2009 EDITIONS OF THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE NEW YORK STATE SUPPLEMENT, AND SHALL BE IN ACCORDANCE WITH THE NYSDOT CONTRACT OR HIGHWAY WORK PERMIT DOCUMENTS AND AS DEEMED NECESSARY BY THE NYS ENGINEER IN CHARGE.
- 5. NOTIFY NEW YORK STATE DEPARTMENT OF TRANSPORTATION RESIDENT ENGINEER AT THE APPLICABLE RESIDENCY, THREE WORKING DAYS PRIOR TO WORKING IN THE STATE RIGHT-OF-WAY.

ONONDAGA EAST ONONDAGA WEST CORTLAND/TOMPKINS 315-458-1910 315-672-8151 607-756-7072 315-963-3730 315-539-3112

- 6. NOTIFY DIG SAFELY NEW YORK THREE WORKING DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 1-800-962-7962, FOR A UTILITY STAKE-OUT.
- 7. ALL WORK CONTEMPLATED AND MATERIALS USED WITHIN THE NYS RIGHT-OF-WAY SHALL BE COVERED BY AN IN CONFORMITY WITH THE NYS DEPARTMENT OF TRANSPORTATION MAY 1, 2008 SPECIFICATIONS BOOK AND ANY SUBSEQUENT ADDENDA ALONG WITH ANY APPROPRIATE CURRENT NYS DEPARTMENT OF TRANSPORTATION STANDARD SHEETS. EXCEPT AS MODIFIED IN THESE PLANS AND IN THE ITEMIZED PROPOSAL. METRIC UNITS MAY BE CONVERTED TO ENGLISH
- QUALITY CONTROL OF ASPHALT CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 402 OF THE STANDARD SPECIFICATIONS. ASPHALT COURSE DEPTHS SHOWN ON THE PLANS ARE COMPACTED DEPTHS.
- 9. NO NIGHT WORK WILL BE ALLOWED UNLESS PRIOR APPROVAL IS GIVEN BY THE DEPARTMENT ADDITIONAL MAINTENANCE AND PROTECTION OF TRAFFIC WILL BE REQUIRED INCLUDING THE ADDITION OF REFLECTIVE MATERIALS AND LIGHTING.
- 10. HAZARDOUS WASTE NOTIFICATION THE PERMITTEE ACCEPTS THE RIGHT—OF—WAY OF THE STATE HIGHWAY IN ITS' AS IS CONDITION. THE DEPARTMENT OF TRANSPORTATION MAKES NO REPRESENTATION AS THE ABSENCE OF UNDERGROUND TANKS. STRUCTURES. FEATURES OR SIMILAR IMPEDIMENTS TO THE COMPLETION OF THE WORK PERMITTED HEREUNDER. SHOULD PERMITTEE FIND SOME PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS TO IS WORK, THE DEPARTMENT OF TRANSPORTATION SHALL HAVE NO OBLIGATION TO CURE, REMOVE, REMEDY OR OTHERWISE DEAL WITH SUCH A PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS. THE DEPARTMENT WILL PERMIT THE PERMITTEE TO REMOVE, MODIFY OR OTHERWISE DEAL WITH SUCH UNDERGROUND TANKS, STRUCTURE FEATURE OR IMPEDIMENT IF SUCH IS DONE IN A MANNER WHICH MEETS ACCEPTABLE ENGINEERING PRACTICE AND IS PRE-APPROVED BY THE DEPARTMENT OF TRANSPORTATION. SHOULD PERMITTEE DETERMINE THAT SUCH UNFORESEEN UNDERGROUND IMPEDIMENT RENDERS PERMITTEE WORK AS AUTHORIZED BY THIS PERMIT UNFEASIBLE PERMITTEE SHALL HAVE THE OPTION OF RESTORING THE HIGHWAY TO ITS ORIGINAL CONDITIONS AND NOT PERFORMING SUCH WORK.
- 11. OPEN CUTTING OF THE ROADWAY SHALL NOT BE ALLOWED UNLESS PERMISSIONS GRANTED IN WRITING, BY THE REGIONAL TRAFFIC ENGINEER.



NYSDOT WZTC NOTES:

- 1. WHERE NOT SHOWN IN THE WZTC PLANS OR OTHERWISE AUTHORIZED BY NYS DOT (OR THE ENGINEER), TRAVEL LANE WIDTHS IN WORK ZONES SHALL BE A MINIMUM OF 11 FT ON FREEWAYS, RAMPS, EXPRESSWAYS AND MULTI-LANE CONVENTIONAL ROADWAYS AND 10 FT ON ALL OTHER CONVENTIONAL ROADWAYS.
- 2. WORK ZONES SHALL BE RESTRICTED TO ONE SIDE OF THE ROADWAY AT A TIME IN EACH DIRECTION ON DIVIDED ROADWAYS, UNLESS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL SCHEDULE WORK SO THAT ALL TRAVEL LANES AND RAMPS IN EACH DIRECTION ARE OPEN WHEN THE CONTRACTOR'S OPERATIONS ARE CLOSED DOWN OR SUBSTANTIALLY CLOSED DOWN
- DAILY CLOSURES MAY OCCUR OFF OF LONG-TERM CLOSURES AND SHALL BE SUBJECT TO DAILY CLOSURE RESTRICTIONS. WORK ZONES SHALL BE RESTRICTED TO ONE SIDE OF THE ROADWAY AT A TIME ON UNDIVIDED HIGHWAYS.
- WHEN A PEDESTRIAN APPROACHES A FLAGGER STATION. THE FLAGGER SHALL STOP TRAFFIC AND DIRECT THE PEDESTRIAN TO A SAFE ROUTE THROUGH THE WORK AREA. FLAGGERS SHALL COORDINATE THE FLAGGING OF THE WORK ZONE TO ENSURE PEDESTRIANS CAN SAFELY PROCEED THROUGH THE AREA. IF THERE IS MORE THAN THE OCCASIONAL PEDESTRIAN WITHIN THE PROJECT LIMITS, REFER TO THE SITE SPECIFIC PEDESTRIAN WZTC PLAN.
- 7. DAILY LANE, RAMP AND SHOULDER CLOSURES SHALL NOT BE PERMITTED ON STATE OWNED ROADWAYS DURING MAJOR HOLIDAYS. FOR A LIST OF THE MAJOR HOLIDAYS, SEE SPECIAL NOTE IN THE CONTRACT PROPOSAL FOR TEMPORARY LANE CLOSURE RESTRICTIONS FOR MAJOR HOLIDAYS.

6:00 AM THURSDAY, DECEMBER 20, 2021 THRU 6:AM MONDAY, JANUARY 3, 2022 - (NEW YEAR'S HOLIDAY)

6:00 AM FRIDAY, MAY 27, 2022 THRU 6:00 AM TUESDAY, MAY 31, 2022 — (MEMORIAL DAY HOLIDAY)

6:00 AM FRIDAY, JULY 1, 2022 THRU 6:00 AM TUESDAY, JULY 5, 2022 - (JULY 4TH HOLIDAY)

6:00 AM FRIDAY, SEPTEMBER 2, 2022 THRU 6:00 AM TUESDAY, SEPTEMBER 6, 2022 - (LABOR DAY HOLIDAY)

6:00 AM WEDNESDAY, NOVEMBER 23, 2022 THRU 6:00 AM MONDAY, NOVEMBER 28, 2022 — (THANKSGIVING HOLIDAY)

6:00 AM FRIDAY, DECEMBER 23, 2022 THRU 6:00 AM TUESDAY, DECEMBER 27, 2022 - (CHRISTMAS HOLIDAY) 6:00 AM FRIDAY, DECEMBER 30, 2022 THRU 6:00 AM TUESDAY, JANUARY 3, 2022 - (NEW YEAR'S HOLIDAY)

- ALL CHANNELIZING DEVICES SHALL BE PLACED SO AS TO PROVIDE A 2-FOOT LATERAL CLEARANCE TO THE TRAVELED WAY UNLESS OTHERWISE SHOWN ON THE PLANS. WHERE POSSIBLE A LATERAL BUFFER SPACE OF 2-FOOT MINIMUM SHALL BE PROVIDED BETWEEN THE WORK SPACE AND THE CHANNELIZING DEVICES.
- 9. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL BE 40' MAXIMUM FOR POSTED SPEED LIMITS 40 MPH OR GREATER AND 20' MAXIMUM FOR POSTED SPEED LIMITS 35 MPH OR LESS
- 10. STANDARD CONES AND TUBULAR MARKERS SHALL NOT BE USED FOR CHANNELIZATION AND DELINEATION DURING THE HOURS OF DARKNESS, WHICH IS DEFINED AS THE PERIOD BETWEEN SUNSET AND SUNRISE.
- 11. ALL CONSTRUCTION SIGN SHALL BE MOUNTED AT A HEIGHT OF 7 FEET ABOVE THE EDGE OF TRAVEL TIME.
- 12. SIGNS SHALL NOT ENCROACH MORE THAN 4" INTO SHOULDERS USED BY PEDESTRIANS OR BICYCLES.
- 13. WHERE SHOULDER WIDTHS ARE LIMITED AND SIGNS CANNOT BE ERECTED BEYOND THE SHOULDER, CONSTRUCTION SIGNES MAY NEED TO BE MOUNTED ON CONCRETE MEDIAN BARRIERS, BRIDGE PARAPETS, ETC.
- 14. THE CONTRACTOR'S FAILURE TO COMPLY WITH THE REQUIREMENTS AS STATED ABOVE WILL BE CONSIDERED UNSATISFACTORY TEMPORARY WORK ZONE TRAFFIC CONTROL. PAYMENT WILL BE WITHHELD FOR THE VARIOUS CONTRACT ITEMS WHICH CONTAIN WORK ZONE TRAFFIC CONTROL PROVISIONS IN ACCORDANCE WITH TABLE 619-7 FOR EACH DAY THAT A FAILURE TO COMPLY OCCURS. FAILURE TO COMPLY WILL ALSO RESULT IN THE ASSESSMENT OF LIQUIDATED DAMAGES FOR EACH VIOLATION.
- 15. THE CONTRACTOR SHALL BE AWARE THAT THE WORK ZONE TRAFFIC CONTROL IS A VERY CRITICAL ITEM OF THE PERMIT AND SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 619 "WORK ZONE TRAFFIC CONTROL" OF THE STANDARD SPECIFICATIONS, THE 2009 EDITION OF THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE NEW YORK STATE SUPPLEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WORK ZONE TRAFFIC CONTROL AT ALL TIMES FOR THE DURATION OF THE PERMITTED WORK.
- 16. ACTUAL FIELD CONDITIONS MAY REQUIRE OTHER SIGNS AND OTHER ARRANGEMENTS OF SIGNS. DISTANCES SHALL BE ADAPTED TO PREVAILING CONDITIONS. SIGNS SHALL BE LOCATED TO PROVIDE OPTIMUM VISIBILITY. SIGNS THAT RE NOT APPLICABLE SHALL BE COVERED OR OBSCURED FROM SIGHT. ALL SIGN NUMBERS REFER TO THE 2009 EDITION OF THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE NEW YORK STATE SUPPLEMENT.
- 17. PEDESTRIAN ACCOMMODATIONS SHALL BE MAINTAINED FOR THE DURATION OF THE PROPOSED WORK. ANY DISTURBED AREAS WITHIN THE STATE RIGHT-OF-WAY SHALL BE ADEQUATELY FENCED TO PREVENT PEDESTRIAN ACCESS WHEN THE CONTRACTORS OPERATIONS ARE SHUT DOWN.
- 18. MATERIALS, EQUIPMENT AND VEHICLES SHALL NOT BE STORED OR PARKED WITHIN THE STATE RIGHT-OF-WAY BEFORE WORK BEGINS OR AFTER CONTRACTOR'S OPERATIONS ARE SHUT DOWN. STAGING AREAS OUTSIDE THE RIGHT-OF-WAY SHALL BE USED TO STOCKPILE ALL CONSTRUCTION MATERIALS. DURING WORKING HOURS, NO CONSTRUCTION MATERIAL MAY BE STORED OR PLACED ON THE ROADWAY OR ROADBED EXCEPT WITHIN A PROTECTED WORK AREA.
- 19. VEHICLES BELONGING TO THE CONTRACTOR OR WORKERS SHALL NOT BE PARKED WITHIN 30 FEET OF THE EDGE OF PAVEMENT ALONG A ROADWAY BEING USED BY THE GENERAL PUBLIC UNLESS THEY ARE PARKED WITHIN A PROTECTED WORK AREA. DURING NON-WORKING HOURS. CONSTRUCTION EQUIPMENT AND MATERIALS SHALL NOT BE STORED WITHIN 30 FEET OF THE EDGE OF PAVEMENT.
- 20. W20-7A "FLAGGER" SIGNS SHALL BE USED WHENEVER FLAGGING OCCURS FOR MORE THAN A BRIEF PERIOD OF TIME. THE SIGNS SHALL BE PROMPTLY REMOVED, COVERED, OR FACED WAY FROM THE TRAFFIC WHEN THE FLAGGING OPERATION CEASES. ALL FLAGGING STATIONS AND LANE CLOSURES SHOULD BE LOCATED TO ENSURE MAXIMUM VISIBILITY.
- 21. NO DROP-OFF GREATER THAN SIX INCHES SHALL BE LEFT OVERNIGHT WITHIN 30 FEET OF THE EDGE OF PAVEMENT DROP-OFFS LESS THAN SIX INCHES WILL BE PERMITTED IF PROPER DELINEATION AND SIGNING IS PROVIDED. AND PRIOR PERMISSION IS GRANTED IN WRITING BY A REPRESENTATIVE OF THE DEPARTMENT. A DROP-OFF IS CONSIDERED ELIMINATED IF TAPERED AWAY BY A 1 ON 6 SLOPE OR FLATTER.
- 22. CARE SHALL BE TAKEN TO INSURE THAT NO DAMAGE OCCURS TO THE EXISTING PAVEMENT/SHOULDER/CURB AREAS AS A RESULT OF CONSTRUCTION EQUIPMENT MOVEMENT.
- 23. THE CONTRACTOR MAY SUBMIT REVISIONS TO THIS PLAN FOR APPROVAL, BUT ANY CHANGE THAT ALTERS THE BASIC CONCEPTS OF THE PLAN MUST BE APPROVED BY THE NYSDOT REGIONAL DIRECTOR OR HIS DESIGNEE.

03

Section 4, Item a.

ducation Law, Article 145 Section 7209 For Any Person, Unless He Is Acting Under The Direction Of A Licensed rofessional Engineer Or Land Surveyo o Alter An Item In Any Way. If An Item Bearing The Seal Of An Engineer Or Land Surveyor Is Altered, The Altering Engineer Or Land Surveyor Shall Affix To The Item His Seal And The Notation "Altered By" Followed By His Signature And The Date Of Such Alteration, And A Specific Description Of The Alteration

SEAL

DAN ABT



As Noted 11x17 Prints are 1/2 Size November 30, 2020 Date: JBG, RSN Design By: Drawn By: RSN Checked By JBG

2020.062

Phone (607) 734-2165 Fax (607) 734-2169

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20062.dwg **NYSDOT WORKZONE DETAILS**

Project No.:

Drawing Name:

C18

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2. 03/21/22 Preliminary Site Plan Submission
1. 07/29/21 Added Southern Fenceline
Rev. Date Revision Description

It Is A Violation Of The New York
Education Law, Article 145 Section 7209,
For Any Person, Unless He Is Acting
Under The Direction Of A Licensed
Professional Engineer Or Land Surveyor
To Alter An Item In Any Way. If An Item
Bearing The Seal Of An Engineer Or
Land Surveyor Is Altered, The Altering
Engineer Or Land Surveyor Shall Affix To
The Item His Seal And The Notation
"Altered By" Followed By His Signature
And The Date Of Such Alteration, And
A Specific Description Of The Alteration.

SEAL

PROPOSED DANDY
MINI-MART
(SING (T), TOMPKINS (CO.), NEW YORK



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 November 30, 2020

 Design By:
 JBG, RSN

 Drawn By:
 RSN

 Checked By:
 JBG

 Project No.:
 2020.062

 Drawing Name:

TRUCK TURNING PLAN