TOWN OF CARMEL
PLANNING BOARD

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

PLANNING BOARD AGENDA
MAY 13, 2021 – 7:00 P.M.

		TAX MAP #	PUB. HEARING	MAP DATE	COMMENTS
SITE PLAN					
1.	Carmel Fire Department – 94 Gleneida Ave, Carmel	44.14-1-24		4/29/21	Amended Site Plan
2.	Hirsch, Stacy – 311 Drewville Road, Carmel	66.13-1-7		5/16/19	Site Plan
MISCELLANEOUS					
3.	Old Forge Estates – Baldwin Place Road	75.15-1-19			Extension of Preliminary Subdivision Approval
4.	Minutes – 04/28/21				

INSITE
ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.

April 30, 2021

Town of Carmel Planning Board
60 McAlpin Avenue
Mahopac, New York 10541

RE: Carmel Fire Department
94 Gleneida Avenue
Town of Carmel
TM# 44.14-1-24

Dear Chairman Paeprer and Members of the Board:

Please find enclosed five (5) copies of the following documents in support of a site plan application revision for the above referenced project:

- Site Plans prepared by Insite Engineering, Surveying, and Landscape Architecture P.C. dated May 20, 2020 revised April 29, 2021.
- Architectural Drawings prepared by H2M Architects + Engineers dated October 20, 2020.

Since the Carmel Fire Department Site Plan Approval on November 12, 2020, the applicant has further coordinated the transformer and generator relocation in more detail with NYSEG. This final coordination was not able to occur until the Fire Department legally owned the additional area acquired by the lot line relocation. As a result of the coordination with NYSEG as well as finalizing the design of the building, the following items have changed since the site plan approval:

1. Per request of NYSEG and to assist the connection to the Bank's utility pole, a utility pole is proposed next to the utility enclosure. This has resulted in a change to the planting plan. NYSEG is requesting that limited plants be installed in this area. To maintain the intent of screening the enclosure as had been originally shown in the site plan drawings, but also comply with NYSEG regulations, the planting has been adjusted to clear the proposed pole and reduced in height in order to avoid wires. The landscaping continues to show evergreens in this area and total number of plants has remained the same.
2. There was a small reconfiguration of the building at the northern entrance. An addition of 50 square feet was added as well as an extended overhang in order to protect the entrance from incremental weather.
3. The owner would like to seal the entire parking lot; therefore, striping will be replaced in kind in the front parking lot. Total parking numbers have remained the same.
4. The erosion and sediment control plan has been supplemented with information to provide better protection and maintenance of traffic flow during construction.

We respectfully request this project be placed on the May 13, 2021 Planning Board meeting for the discussion of the attached material. Should you have any questions or comments regarding this information, please feel free to contact our office.

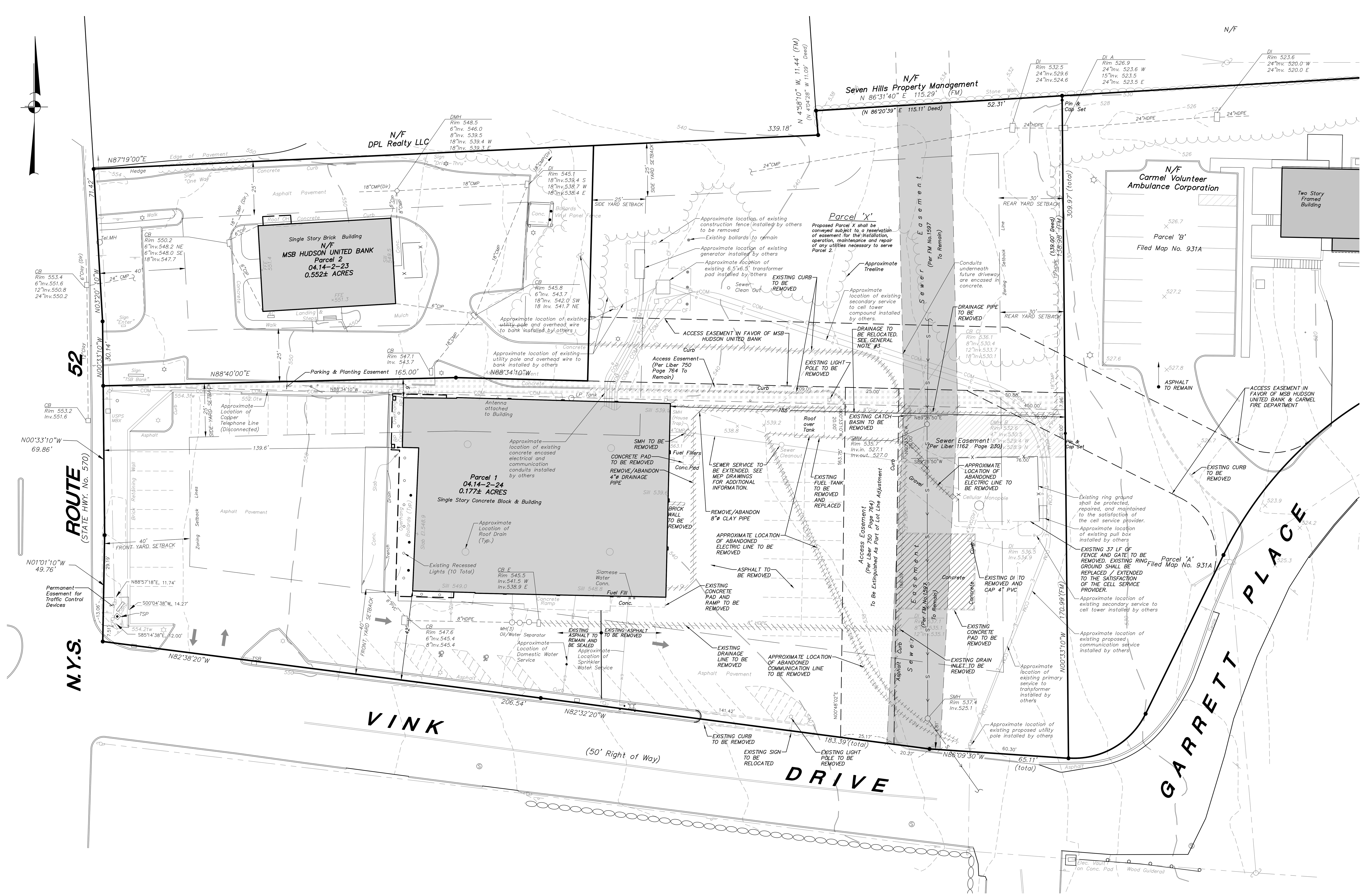
Very truly yours,

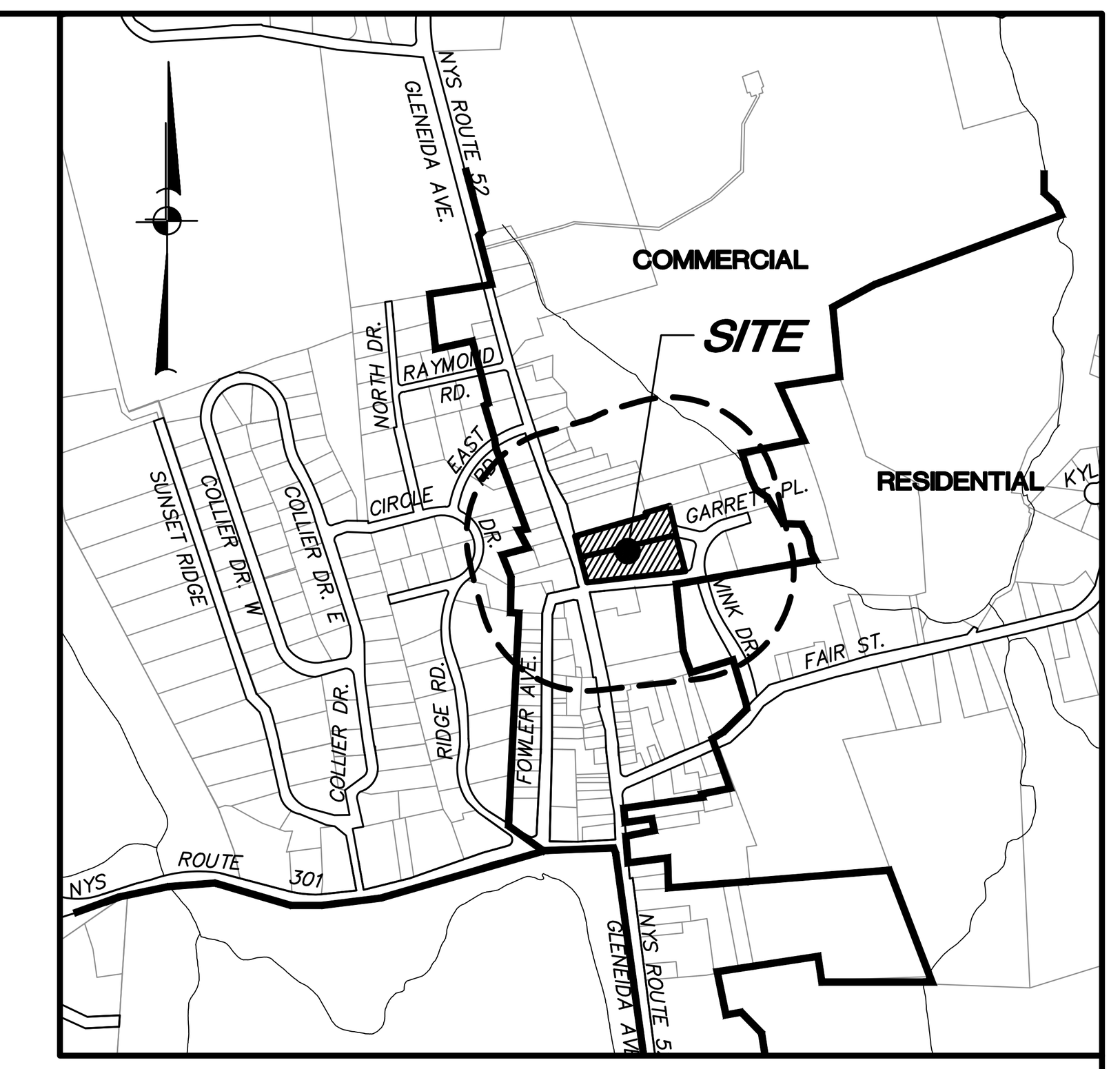
INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.

By: _____
John M. Watson, PE
Principal Engineer

JMW/kmg

Enclosures
Cc: Michael Hengel / Carmel Fire Department
Eric Neiler, H2M Architects





LOCATION MAP — SCALE: 1" = 800'±

OWNER/APPLICANT:

CARMEL FIRE DEPARTMENT, INC.
94 GLENEIDA AVENUE
CARMEL, NY 10512

SITE DATA:

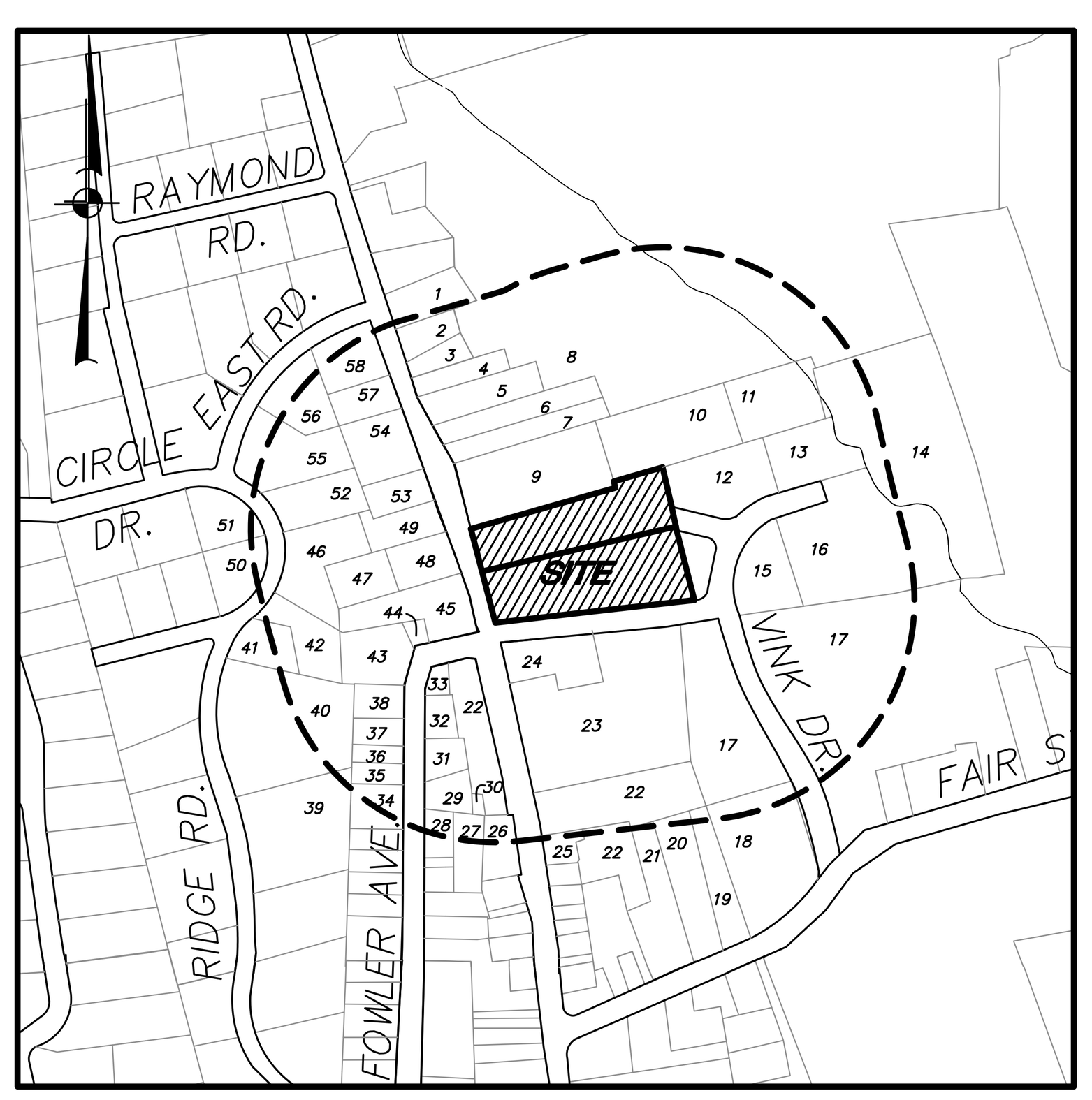
Zone: Commercial
Total Acreage 2.2 AC
Tax Map No.: 44.14-1-24

GENERAL NOTES:

1. Location map boundary information shown hereon is taken from the Putnam County Tax Map.
2. Property boundary, site features and existing topography shown hereon is based upon fieldwork performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed December 13, 2019. Elevations shown hereon are in NAVD88. The contour interval is 2'.
3. Contractor to determine roof drain and footing drain locations and relocate as required.
4. All electrical work shown associated with the generator and transformer relocation is currently in progress and shown on drawings as an existing condition.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- EXISTING STONE WALL
- EXISTING CHAIN LINK FENCE
- EXISTING STOCKADE FENCE
- EXISTING CONCRETE CURB
- EXISTING DROP IN CONCRETE CURB
- EXISTING TRAFFIC SIGNAL BOX
- EXISTING SIGN
- EXISTING UNDERGROUND DRAINAGE PIPE
- APPROXIMATE LOCATION OF EXISTING ROOF DRAIN
- APPROXIMATE LOCATION OF EXISTING UNDERGROUND COMMUNICATION LINE
- APPROXIMATE LOCATION OF EXISTING UNDERGROUND ELECTRIC LINE
- APPROXIMATE LOCATION OF EXISTING UNDERGROUND WATER SERVICE LINE
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- EXISTING POST MOUNTED LIGHT
- EXISTING RECESSED LIGHT
- EXISTING WATER VALVE
- EXISTING CLEAN OUT
- EXISTING UTILITY POLE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- EXISTING SPOT GRADE
- EXISTING HEDGE ROW
- EXISTING TREELINE



ADJOINER MAP — SCALE: 1" = 400'±

500' ADJOINERS:

TOWN OF CARMEL:

1. Rodolfo A Roque
2. Susan P Alm
3. Marcel Carrillo
4. Louis Sclafani
5. Joyce McGlasson
6. Rick Montes
7. Edward M Schaffer
8. Rt 52 Housing Devel Fund Co
9. DPL Realty, LLC
10. Seven Hills Property Mgmt
11. Michael Yodice
12. Carmel Vol Ambulance Corp
13. John Mitchell
14. Hugo Hayes LLC
15. Harman Holdings Ltd
16. Harman Holdings Ltd
17. Main Woodland Trail
18. United States Postal Service
19. Ranric Enterprises Corp
20. 17 Fair St, LLC
21. Wenco Properties Corp
22. Mt Carmel Baptist Church
23. Kelley Cemetery Inc
24. 90 Gleneida Ave Corp
25. Mt Carmel Baptist Church
26. Wayne Ryder
27. Robert H Hall
28. Peter Fellbusch
29. Robert Hall
30. Carmel Board of Fire Commission
31. Longview Realty Corp
32. Maria J Casti
33. Mary T Kipp
34. Augusto Sacchetti
35. Marlon Ramlogan
36. Kevin D O'Donnell
37. JRP Associates LLC
38. Ermes Fernandez
39. David Chau
40. Yocasta Dass
41. Allan J Eyring
42. Michelle Hicks
43. BND Fowler Property, LLC
44. David Radovich
45. Fowler Ave Corp
46. William Rippey.
47. Richard McGlasson
48. 91 Gleneida LLC
49. 91 Gleneida LLC
50. Josephine Alessi
51. Eleanor Vidalis
52. James P McGuire
53. P & R Estate Corp
54. 99 Gleneida Avenue LLC
55. Carla D Taylor
56. Philip F Ford
57. Wayne Ryder
58. 105 Gleneida Ave Corp.

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 inch = 20 ft.

NO.	DATE	REVISION	BY
4	4-29-21	PLANNING BOARD SUBMISSION	MEU
3	10-8-20	PLANNING BOARD SUBMISSION	ERA
2	8-7-20	PLANNING BOARD SUBMISSION	KMG
1	7-17-20	PLANNING BOARD SUBMISSION	ERA

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(845) 225-9717 fax
www.insite-eng.com

PROJECT: CARMEL FIRE DEPARTMENT
94 GLENEIDA AVENUE, CARMEL, PUTNAM COUNTY, NEW YORK

DRAWING: EXISTING CONDITIONS & REMOVALS PLAN

STATE OF NEW YORK — JOHN M. WATSON — No. 77950 — LICENSED PROFESSIONAL ENGINEER

PROJECT NUMBER	19135.100	PROJECT MANAGER	J.M.W.
DATE	5-20-20	DRAWN BY	C.B.Z.
SCALE	1" = 20'	CHECKED BY	K.M.G.

DRAWING NO. EX-1
SHEET 1 / 10

PLANT LIST (BY OWNER)

QUANTITY	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT/SPACING
11	TO	Thuja occidentalis 'Emerald Green" / Emerald Green Arborvitae	6'–7'	B&B
8	IN	Ilex 'Nellie R. Stevens' / Nellie R. Stevens' Holly	5'–6'	B&B
4	TG	Thuja occidentalis 'Golden Globe' / Golden Clube Arborvitae	18"–24"	#3 CONT.
11	RC	Rhododendron 'Chionoides' / Chionoides Rhododendron	24"–30"	#5 CONT.

APPARATUS BAY ENTRANCE NOTES:

1. A member of the Carmel Fire Department will be present when a fire apparatus returns and enters the apparatus bay in order to direct non–fire department traffic generated by the Bank Parcel.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- EXISTING STONE WALL
- EXISTING CHAIN LINK FENCE
- EXISTING STOCKADE FENCE
- EXISTING CONCRETE CURB
- EXISTING DROP IN CONCRETE CURB
- EXISTING SIGN
- EXISTING HEDGE ROW
- EXISTING TREELINE
- EXISTING POST MOUNTED LIGHT
- EXISTING RECESSED LIGHT
- EXISTING UTILITY POLE
- PROPOSED # OF STALLS TO BE STRIPED
- PROPOSED CONCRETE CURB
- PROPOSED PAINTED HANDICAP PARKING SYMBOL
- PROPOSED STRIPED ISLAND
- PROPOSED TRAFFIC SIGN
- PROPOSED POLE MOUNTED LIGHT
- PROPOSED BUILDING MOUNTED LIGHT
- PROPOSED LANDSCAPING

SIGN DATA TABLE

LOCATION NO.	TEXT	M.U.T.C.D. NUMBER	SIZE OF SIGN (s.f.)	DESCRIPTION
1	RESERVED PARKING / VAN ACCESS	NY R7–8*	12" x 18"	Green on White Blue Symbol
		R7–8P	12" x 6"	Green on White
2	NO PARKING ANY TIME	R7–1	12" x 18"	Red on White
3	DO NOT ENTER	R5–1C	30" x 30"	White on Red

C ZONE REQUIREMENTS:

	Required/Permitted:	Existing:	Proposed:
Minimum Lot Area:	40,000 SF	94,830 SF	94,830 SF
Minimum Lot Width:	200'	261'±	261'±
Minimum Lot Depth:	200'	450'±	450'±
Minimum Road Frontage:	100'	574.7'±	574.7'±
Minimum Yard Setbacks:			
Front:	40'	42'±	41'±
Side:	25'	8.9'±*	8.9'±*
Rear:	30'	185'±	78'±
Maximum Building Height:	35'	Less Than 35'	Less Than 35'
Minimum Building Floor Area	5,000 SF	>5,000 SF±	26,900 SF±
Maximum Building Coverage:	30%	14%±**	22%±**

* Pre–existing nonconforming condition
** Includes a 775 sf allocation for structures within the cellular tower facility.
*** The applicant was granted a variance for a driveway less than 24' (§ 145–42 D) by the Town of Carmel Zoning Board of Appeals on August 27, 2020. The variance was granted for a 20' driveway.

PARKING SUMMARY

REQUIRED:

FIRE DEPARTMENT SPACES (CALCULATED AS WHOLESALE, WAREHOUSE, STORAGE, HEAVY COMMERCIAL ESTABLISHMENTS)
12,524 S.F. @ 1 SPACE/1,000 S.F. = 13 REQUIRED
6,976 S.F. OF OFFICE SPACE @ 1 SPACE/200 S.F. = 35 REQUIRED
* 7,400 S.F. OF APPARATUS BAYS ARE NOTE INCLUDED PARKING CALCULATIONS

TOTAL PARKING SPACE REQUIRED = 48 REQUIRED
TOTAL PARKING SPACE PROVIDED = 48 PROVIDED

OUTDOOR TRAINING NOTES:

1. Outdoor training will occur offsite at the county fire training center. If outdoor training does occur on site, it will occur nights and weekends when possible, and training area will be coned off to preserve necessary vehicular circulation.

GENERAL PLANTING NOTES:

1. All proposed planting beds to receive a 12" min. depth of topsoil. Soil amendments and fertilizer application rates shall be determined based on specific testing of topsoil material.
2. Any new soils added will be amended as required by results of soil testing and placed using a method that will not cause compaction.
3. All plant material to be nursery grown.
4. Plants shall conform with ANSI Z60.1 American Standard for Nursery Stock in all ways including dimensions.
5. Plant material shall be taken from healthy nursery stock.
6. All plants shall be grown under climate conditions similar to those in the locality of the project.
7. Plants shall be planted in all locations designed on the plan or as staked in the field by the Landscape Architect.
8. The location and layout of landscape plants shown on the site plan shall take precedence in any discrepancies between the quantities of plants shown on the plans and the quantity of plants in the Plant List.
9. Provide a 3" layer of shredded pine bark mulch (or as specified) over entire watering saucer at all tree pits or over entire planting bed. Do not place mulch within 3" of tree or shrub trunks.
10. All landscape plantings shall be maintained in a healthy condition at all times. Any dead or diseased plants shall immediately be replaced "in kind" by the contractor (during warranty period) or project owner.
11. All Plantings shall be installed per § 142 of the Town of Carmel Town Code. In addition, plantings shall be verified by the Town of Carmel Wetland Inspector.

NO.	DATE	REVISION	BY
4	4–29–21	PLANNING BOARD SUBMISSION	MEU
3	10–8–20	PLANNING BOARD SUBMISSION	ERA
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PROJECT:
CARMEL FIRE DEPARTMENT
94 GLENEIDA AVENUE, CARMEL, PUTNAM COUNTY, NEW YORK

DRAWING:
LAYOUT AND LANDSCAPE PLAN

STATE OF NEW YORK — JOHN M. WATSON — No. 77859 — LICENSED PROFESSIONAL ENGINEER

PROJECT NUMBER	19135.100	PROJECT MANAGER	J.M.W.
DATE	5–20–20	DRAWN BY	C.B.Z.
SCALE	1" = 20'	CHECKED BY	K.M.G.

DRAWING NO. SP–1 — SHEET 2 / 10

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 inch = 20 ft.

Z:\E\19135\CAD\Carmel FD\Misc Drawings\Plan\19135 Drawings\2020-04-29 Planning Board Amended Plan\19135 SP-1.dwg, 4/30/2021 9:54:48 AM, author: TJ

EARTHWORK SUMMARY:

CUT: 280 C.Y.
FILL: 1,760 C.Y.
TOTAL: 1,480 C.Y. (FILL)

EARTHWORK NOTES:

1. THE EARTHWORK CALCULATIONS ILLUSTRATES THE CUTS AND FILLS BASED ON THE DIFFERENCE BETWEEN THE EXISTING AND PROPOSED FINISHED GRADES.
2. ALL VOLUMES WERE ROUNDED TO THE NEAREST 10 CUBIC YARDS.
3. FACTORS FOR SWELL OR COMPACTION WERE NOT APPLIED IN THIS ANALYSIS.
4. THIS ANALYSIS IS PRELIMINARY AND PROVIDED FOR PERMITTING ONLY. THESE NUMBERS SHOULD NOT BE USED BY A CONTRACTOR FOR BIDDING PURPOSES. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THEIR OWN EARTHWORK ANALYSIS.

LEGEND

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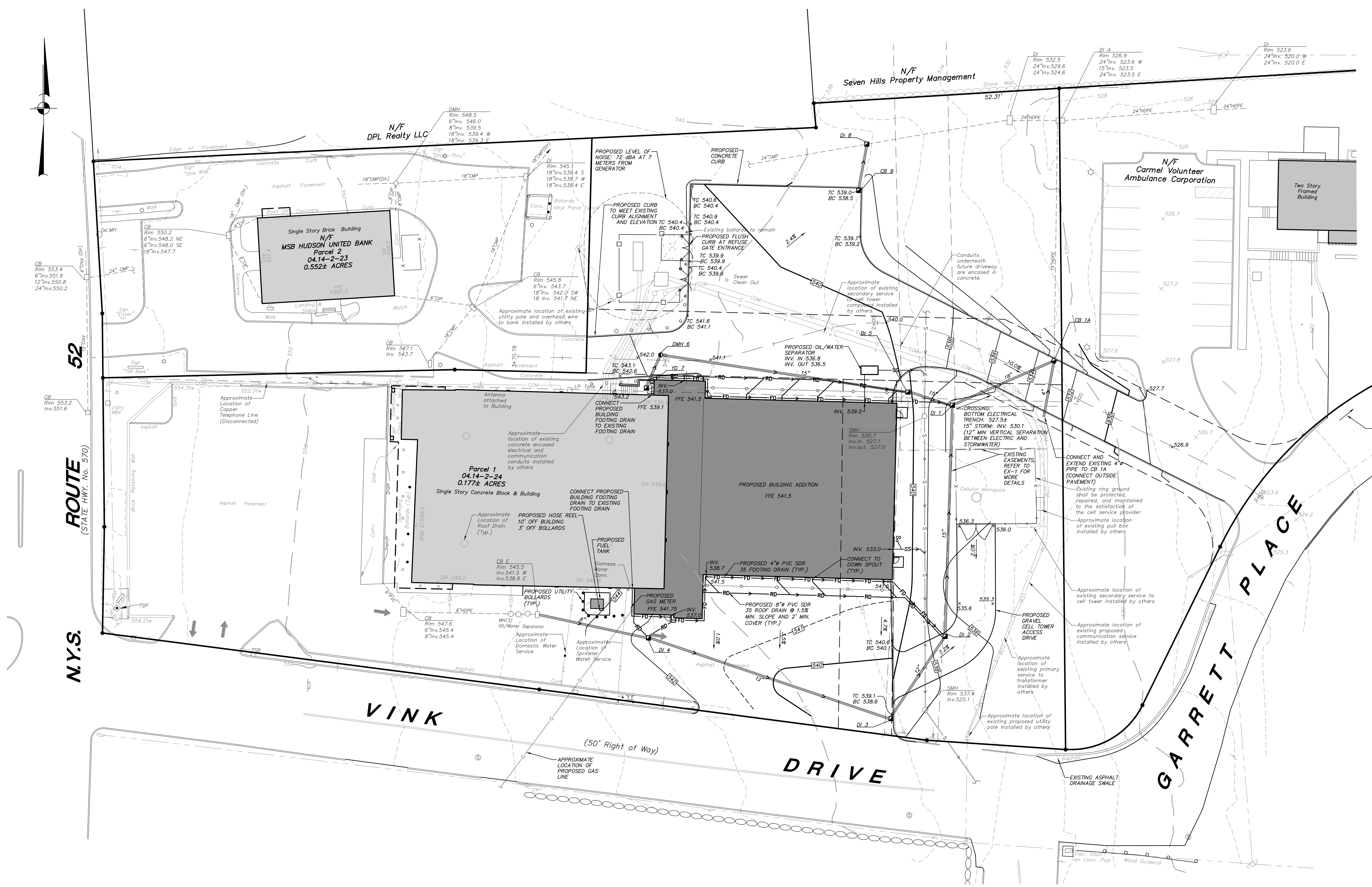
- EXISTING STONE WALL
- EXISTING CHAIN LINK FENCE
- EXISTING STOCKADE FENCE
- EXISTING CONCRETE CURB
- EXISTING DROP IN CONCRETE CURB
- TSB EXISTING TRAFFIC SIGNAL BOX
- EXISTING SIGN
- EXISTING UNDERGROUND DRAINAGE PIPE
- CB EXISTING CATCH BASIN
- MH EXISTING MANHOLE (type unidentified)
- EXISTING POST MOUNTED LIGHT
- EXISTING RECESSED LIGHT
- WV EXISTING WATER VALVE
- CO EXISTING CLEAN OUT
- EXISTING UTILITY POLE
- 100 EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- 698.6 × EXISTING SPOT GRADE
- 100 PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- ×100.5 100.5 PROPOSED SPOT ELEVATION
- TC 101.0 ×BC 100.5 PROPOSED TOP OF CURB & BOTTOM OF CURB ELEVATIONS
- PROPOSED DRAINAGE MANHOLE
- PROPOSED DRAIN INLET (DI) OR CATCH BASIN (CB)
- PROPOSED N–12 HDPE DRAINAGE PIPE
- SS CO PROPOSED 4"ø PVC SDR 35 SEWER SERVICE LINE WITH CLEANOUT
- RD PROPOSED 8" DIAMETER PVC SDR 35 ROOF DRAIN
- COM PROPOSED COMMUNICATIONS SERVICE
- E PROPOSED PRIMARY ELECTRICAL SERVICE
- e PROPOSED SECONDARY ELECTRICAL SERVICE
- PROPOSED OVERHEAD WIRE
- PROPOSED UTILITY POLE



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PROJECT: CARMEL FIRE DEPARTMENT
94 GLENEIDA AVENUE, CARMEL, PUTNAM COUNTY, NEW YORK

DRAWING: GRADING AND UTILITIES PLAN

STATE OF NEW YORK · JOHN M. WATSON · No. 77950 · LICENSED PROFESSIONAL ENGINEER

PROJECT NUMBER	19135.100	PROJECT MANAGER	J.M.W.	DRAWING NO.	SHEET
DATE	5–20–20	DRAWN BY	C.B.Z.	SP–2	3 / 10
SCALE	1" = 20'	CHECKED BY	K.M.G.		

EROSION AND SEDIMENT CONTROL MAINTENANCE SCHEDULE

MONITORING REQUIREMENTS				MAINTENANCE REQUIREMENTS	
PRACTICE	DAILY	WEEKLY	AFTER RAINFALL	DURING CONSTRUCTION	AFTER CONSTRUCTION
SILT FENCE BARRIER	–	Inspect	Inspect	Clean/Replace	Remove
STABILIZED CONSTRUCTION ENTRANCE	Inspect	–	Inspect	Clean/Replace Stone and Fabric	Remove
INLET PROTECTION	–	Inspect	Inspect	Clean/Repair/ Replace	Remove
DUST CONTROL	Inspect	–	Inspect	Mulching/ Spraying Water	N/A
*VEGETATIVE ESTABLISHMENT	–	Inspect	Inspect	Water/Reseed/ Remulch	Reseed to 80% Coverage
SOIL STOCKPILES	–	Inspect	Inspect	Mulching/ Silt Fence Repair	Remove
CONCRETE DRAINAGE STRUCTURES	–	Inspect	Inspect	Clean Sumps/ Remove Debris/ Repair/Replace	See Permanent Stormwater Facilities Maintenance Schedule on Drawing D–10
DRAINAGE PIPES	–	Inspect	Inspect	Clean/Repair	Clean
ACCESS ROAD / PAVEMENT	–	Inspect	Inspect	Clean	Clean

* Permanent vegetation is considered stabilized when 80% of the plant density is established. Erosion control measures shall remain in place until all disturbed areas area permanently stabilized.

CONSTRUCTION SEQUENCE:

(Total Area of Disturbance = 43,267 SF±)

1. Schedule Pre–Construction meeting with Site Engineer / Town.
2. Install silt fence and stabilized construction entrance as shown on plans in accordance with the plan and detail. Install orange construction fence in locations shown on the plan.
3. Begin clearing and grubbing operations associated with the site work improvements.
4. Begin building addition, stormwater system and sewer connection construction.
5. Upon completion of stormwater system, connect roof leader drains.
6. Install subbase and pavement for parking lot and driveway areas.
7. Upon completion of all work, stabilize disturbed areas in accordance with the Sediment and Erosion Control Notes. Permanent stabilization is achieved when 80% of the plant/grass density is established.
8. Once the site has received final stabilization, remove all temporary sediment and erosion control facilities.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- EXISTING STONE WALL
- EXISTING CHAIN LINK FENCE
- EXISTING STOCKADE FENCE
- EXISTING CONCRETE CURB
- EXISTING DROP IN CONCRETE CURB
- EXISTING TRAFFIC SIGNAL BOX
- EXISTING SIGN
- EXISTING UNDERGROUND DRAINAGE PIPE
- EXISTING CATCH BASIN
- EXISTING MANHOLE (Type unidentified)
- EXISTING POST MOUNTED LIGHT
- EXISTING RECESSED LIGHT
- EXISTING WATER VALVE
- EXISTING CLEAN OUT
- EXISTING UTILITY POLE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- EXISTING SPOT GRADE
- PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED TOP OF CURB & BOTTOM OF CURB ELEVATIONS
- PROPOSED DRAIN INLET (DI) OR CATCH BASIN (CB) WITH INLET PROTECTION
- PROPOSED SILT FENCE
- PROPOSED CONSTRUCTION FENCE
- PROPOSED TEMPORARY SOIL STOCKPILE
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE

EROSION & SEDIMENT CONTROL NOTES:

1. The owner's field representative (O.F.R.) will be responsible for the implementation and maintenance of erosion and sediment control measures on this site prior to and during construction.
2. All construction activities involving the removal or disposition of soil are to be provided with appropriate protective measures to minimize erosion and contain sediment disposition within. Minimum soil erosion and sediment control measures shall be implemented as shown on the plans and shall be installed in accordance with "New York Standards and Specifications For Erosion and Sediment Control," latest edition.
3. Wherever feasible, natural vegetation should be retained and protected. Disturbance shall be minimized in the areas required to perform construction. No more than 5 acres of unprotected soil shall be exposed at any one time.
4. When land is exposed during development, the exposure shall be kept to the shortest practical period of time. In the areas where soil disturbance activity has temporarily or permanently ceased, the application of soil stabilization measures must be initiated by the end of the next business day and completed within seven (7) days from the date the current soil disturbance activity ceased. Disturbance shall be minimized to the areas required to perform construction.
5. Silt fence shall be installed as shown on the plans prior to beginning any clearing, grubbing or earthwork.
6. All topsoil to be stripped from the area being developed shall be stockpiled and immediately seeded for temporary stabilization. Ryegrass (annual or perennial) at a rate of 30 lbs. per acre shall be used for temporary seeding in spring, summer or early fall. "Aristook' Winter Rye (cereal rye) shall be used for temporary seeding in late fall and winter.
7. Any disturbed areas not subject to further disturbance or construction traffic, permanent or temporary, shall have soil stabilization measures initiated for permanent vegetation cover in combination with a suitable mulch within 1 business day of final grading. All seeded areas to receive a minimum 4" topsoil (from stockpile area) and be seeded and mulched as follows:
   - Seed mixture to be planted between March 21 and May 20, or between August 15 and October 15 or as directed by project representative at a rate of 100 pounds per acre in the following proportions:
     Kentucky Bluegrass 20%
     Creeping Red Fescue 40%
     Perennial Ryegrass 20%
     Annual Ryegrass 20%
   - Mulch: Salt hay or small grain straw applied at a rate of 90 lbs./1000 S.F. or 2 tons/acre, to be applied and anchored according to "New York Standards and Specification For Erosion and Sediment Control," latest edition.
8. Grass seed mix may be applied by either mechanical or hydroseeding methods. Seeding shall be performed in accordance with the current edition of the "NYSDOT Standard Specification, Construction and Materials, Section 610–3.02, Method No. 1". Hydroseeding shall be performed using materials and methods as approved by the site engineer.
9. Cut or fill slopes steeper than 3:1 shall be stabilized immediately after grading with Curlex I Single Net Erosion Control Blanket, or approved equal.
10. Paved roadways shall be kept clean at all times.
11. The site shall at all times be graded and maintained such that all stormwater runoff is diverted to soil erosion and sediment control facilities.
12. All storm drainage outlets shall be stabilized, as required, before the discharge points become operational.
13. Stormwater from disturbed areas must be passed through erosion control barriers before discharge beyond disturbed areas or discharged into other drainage systems.
14. Erosion and sediment control measures shall be inspected and maintained on a daily basis by the O.F.R. to insure that channels, temporary and permanent ditches and pipes are clear of debris, that embankments and berms have not been breached and that all straw bales and silt fences are intact. Any failure of erosion and sediment control measures shall be immediately repaired by the contractor and inspected for approval by the O.F.R. and/or site engineer.
15. Dust shall be controlled by sprinkling or other approved methods as necessary, or as directed by the O.F.R.
16. Cut and fills shall not endanger adjoining property, nor divert water onto the property of others.
17. All fills shall be placed and compacted in 6" lifts to provide stability of material and to prevent settlement.
18. The O.F.R. shall inspect downstream conditions for evidence of sedimentation on a weekly basis and after rainstorms.
19. As warranted by field conditions, special additional erosion and sediment control measures, as specified by the site engineer and/or the Town Engineer shall be installed by the contractor.
20. Erosion and sediment control measures shall remain in place until all disturbed areas are suitably stabilized.

REQUIRED SWPPP CONTENTS PER GP–0–20–001:

1. Pursuant to the NYSDEC "SPDES General Permit for Stormwater Discharges from Construction Activity" (GP–0–20–001), all Stormwater Pollution Prevention Plan's (SWPPP) shall include erosion and sediment control practices designed in conformance with the most current version of the technical standard, "New York Standards and Specifications for Erosion and Sediment Control." Where erosion and sediment control practices are not designed in conformance with this technical standard, the owner or operator must demonstrate equivalence to the technical standard. The following list of required SWPPP components is provided in accordance with Part III.B.1a–l of General Permit GP–0–20–001:

a. Background Information: The proposed project includes a building addition which consists of a new apparatus bay space, support spaces for equipment, storage and training as well as the addition of a new driveway, relocation of utilities and site amenities. The existing building will be repurposed to include office, meeting and display spaces.

b. Site map / construction drawing: These plans serve to satisfy this SWPPP requirement.

c. Description of the soils present at the site: Onsite soils located within the proposed limits of disturbance consist of Urban land–Charlton complex (UhB), as identified on the Soil Conservation Service Web Soil Survey. These soil types belong to the Hydrologic Soil Group " D."

d. Construction phasing plan / sequence of operations: The Construction Sequence and phasing found on these plans provide the required phasing. A Construction Sequence and Erosion and Sediment Control Maintenance Schedule has been provided. The Sedimentation and Erosion Control Notes contained hereon outline a general sequence of operations for the proposed project. In general all erosion and sediment control facilities shall be installed prior to commencement with land disturbing activities, and areas of disturbance shall be limited to the shortest period of time as practicable.

e. Description of erosion and sediment control practices: This plan, and details / notes shown hereon serve to satisfy this SWPPP requirement.

f. Temporary and permanent soil stabilization plan: The Sedimentation and Erosion Control Notes and Details provided heron identify temporary and permanent stabilization measures to be employed with respect to specific elements of the project, and at the various stages of development.

g. Site map / construction drawing showing the specific locations, sizes, and lengths of each erosion and sediment control practice: This plan serves to satisfy this SWPPP requirement.

h. The dimensions, material specifications, installation details, and operation and maintenance requirements for all erosion and sediment control practices: The details, Erosion and Sediment Control Notes, and Erosion and Sediment Control Maintenance Schedule serve to satisfy this SWPPP requirement.

i. An inspection schedule: Inspections are to be performed daily by a NYSDEC Trained Contractor as cited in the Erosion and Sediment Control Notes.

j. A description of pollution prevention measures that will be used to control litter, construction chemicals and construction debris: In general, all construction litter / debris shall be collected and removed from the site. The general contractor shall supply either waste barrels or dumpster for proper waste disposal. Any construction chemicals utilized during construction shall either be removed from site daily by the contractor or stored in a structurally sound and weatherproof building. No hazardous waste shall be disposed of onsite, and shall ultimately be disposed of in accordance with all federal, state and local regulations. Material Safety Data Sheets (MSDS), material inventory, and emergency contact numbers shall be maintained by the general contractor for all construction chemicals utilized onsite. Finally, temporary sanitary facilities (portable toilets) shall be provided onsite during the entire length of construction, and inspected weekly for evidence of leaking holding tanks.

k. A description and location of any stormwater discharges associated with industrial activity other than construction at the site: There are no known industrial stormwater discharges present or proposed at the site.

l. Identification of any elements of the design that are not in conformance with the technical standard, "New York Standards and Specifications for Erosion and Sediment Control." All proposed elements of this SWPPP have been designed in accordance with the "New York Standards and Specifications for Erosion and Sediment Control."

GRAPHIC SCALE

0 10 20 40

(IN FEET)
1 inch = 20 ft.

NO.	DATE	REVISION	BY
4	4–29–21	PLANNING BOARD SUBMISSION	MEU
3	10–8–20	PLANNING BOARD SUBMISSION	ERA
2	8–7–20	PLANNING BOARD SUBMISSION	KMG
1	7–17–20	PLANNING BOARD SUBMISSION	ERA

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PROJECT:
CARMEL FIRE DEPARTMENT
94 GLENEIDA AVENUE, CARMEL, PUTNAM COUNTY, NEW YORK

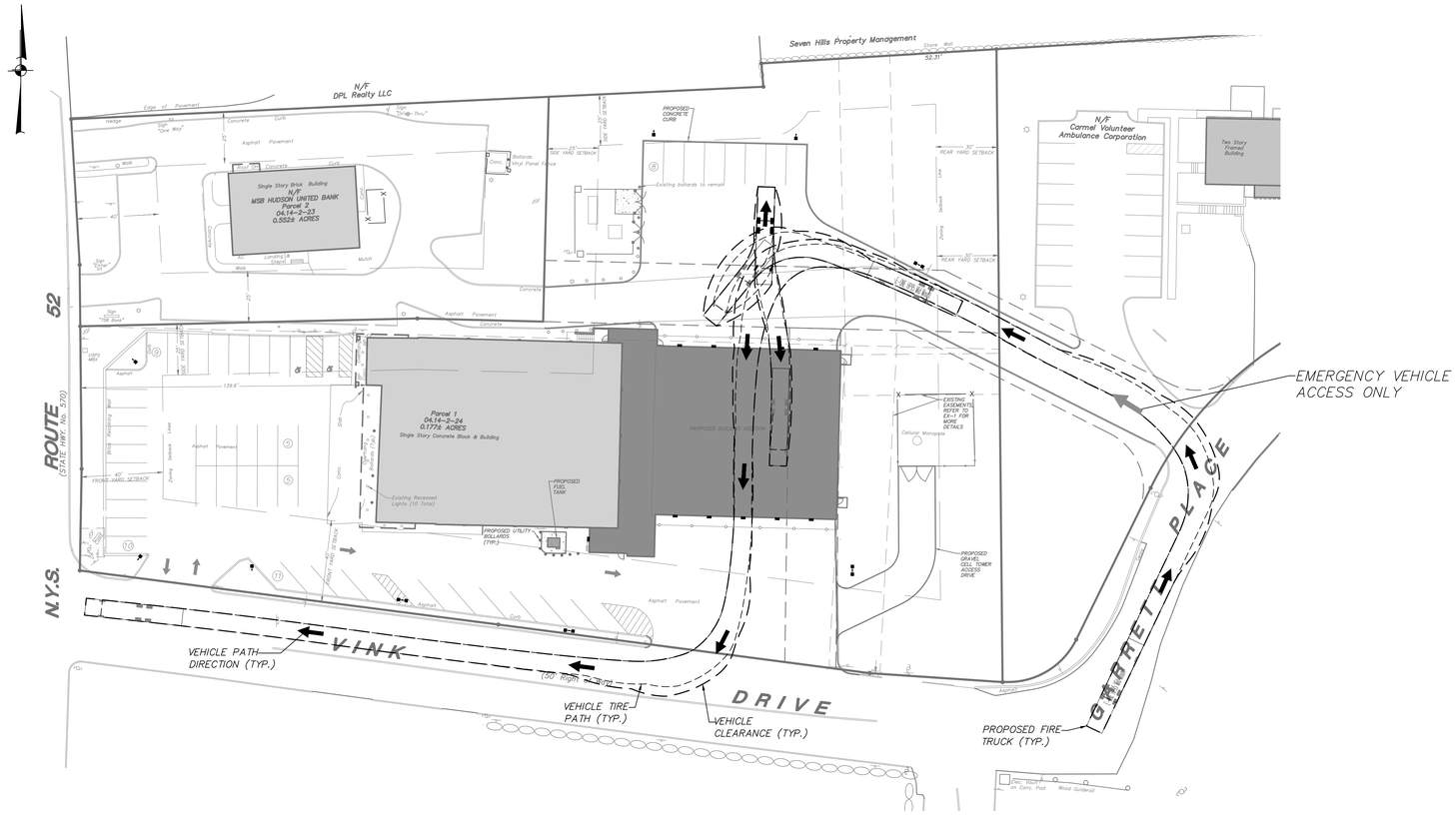
DRAWING:
EROSION AND SEDIMENT CONTROL PLAN

STATE OF NEW YORK — KEVIN M. WARREN — No. 77830 — LICENSED PROFESSIONAL ENGINEER

PROJECT NUMBER	19135.100	PROJECT MANAGER	J.M.W.
DATE	5–20–20	DRAWN BY	C.B.Z.
SCALE	1" = 20'	CHECKED BY	K.M.G.

DRAWING NO. SP–3 SHEET 4 / 10

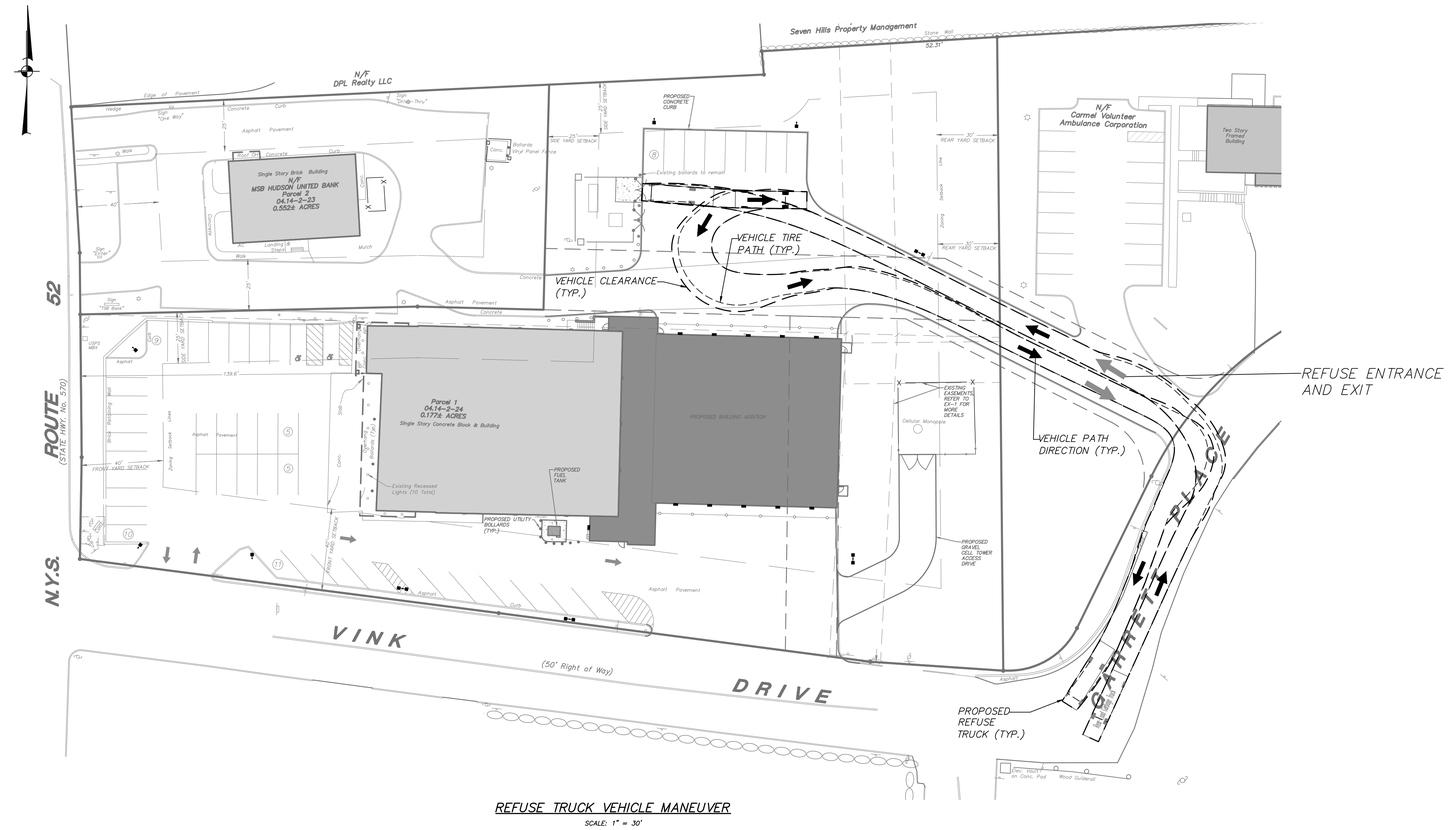
Z:\E\19135\000 Carmel FD\Misc Drawing Files\Old Drawings\1000-04-29 Planning Board Amended Rev\Vink SP-3.dwg, 4/29/2021 8:39:21 AM, meiner, 1:1



FIRE TRUCK VEHICLE MANEUVER

SCALE: 1" = 30'

NOTE: The fire truck used for vehicle maneuvering is an "E-ONE HP95 Mid Mount". The overall length is 47'-9" and width is 8'-4". The dimensions show that a fire truck of this size, or similar, will be able to maneuver through the property.



REFUSE TRUCK VEHICLE MANEUVER

SCALE: 1" = 30'

NOTE: The refuse truck used for vehicle manouvering is a standard truck with an overall length of 35'-0" and width of 8'-4". These standard dimensions show that a garbage truck of this size, or similar, will be able to maneuver through the property.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- EXISTING STONE WALL
- EXISTING CHAIN LINK FENCE
- EXISTING STOCKADE FENCE
- EXISTING CONCRETE CURB
- EXISTING DROP IN CONCRETE CURB
- EXISTING SIGN
- EXISTING POST MOUNTED LIGHT
- EXISTING RECESSED LIGHT
- EXISTING UTILITY POLE
- PROPOSED # OF STALLS TO BE STRIPED
- PROPOSED CONCRETE CURB
- PROPOSED PAINTED HANDICAP PARKING SYMBOL
- PROPOSED STRIPED ISLAND
- PROPOSED SINGLE POLE SIGN
- PROPOSED POLE MOUNTED LIGHT
- PROPOSED BUILDING MOUNTED LIGHT

GRAPHIC SCALE

0 15 30 60

(IN FEET)
1 inch = 30 ft.

NO.	DATE	REVISION	BY
3	4-29-21	PLANNING BOARD SUBMISSION	MEU
2	10-8-20	PLANNING BOARD SUBMISSION	ERA
1	8-7-20	PLANNING BOARD SUBMISSION	KMG

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PROJECT:
CARMEL FIRE DEPARTMENT
94 GLENEIDA AVENUE, CARMEL, PUTNAM COUNTY, NEW YORK

DRAWING:
VEHICLE MANEUVERING PLAN

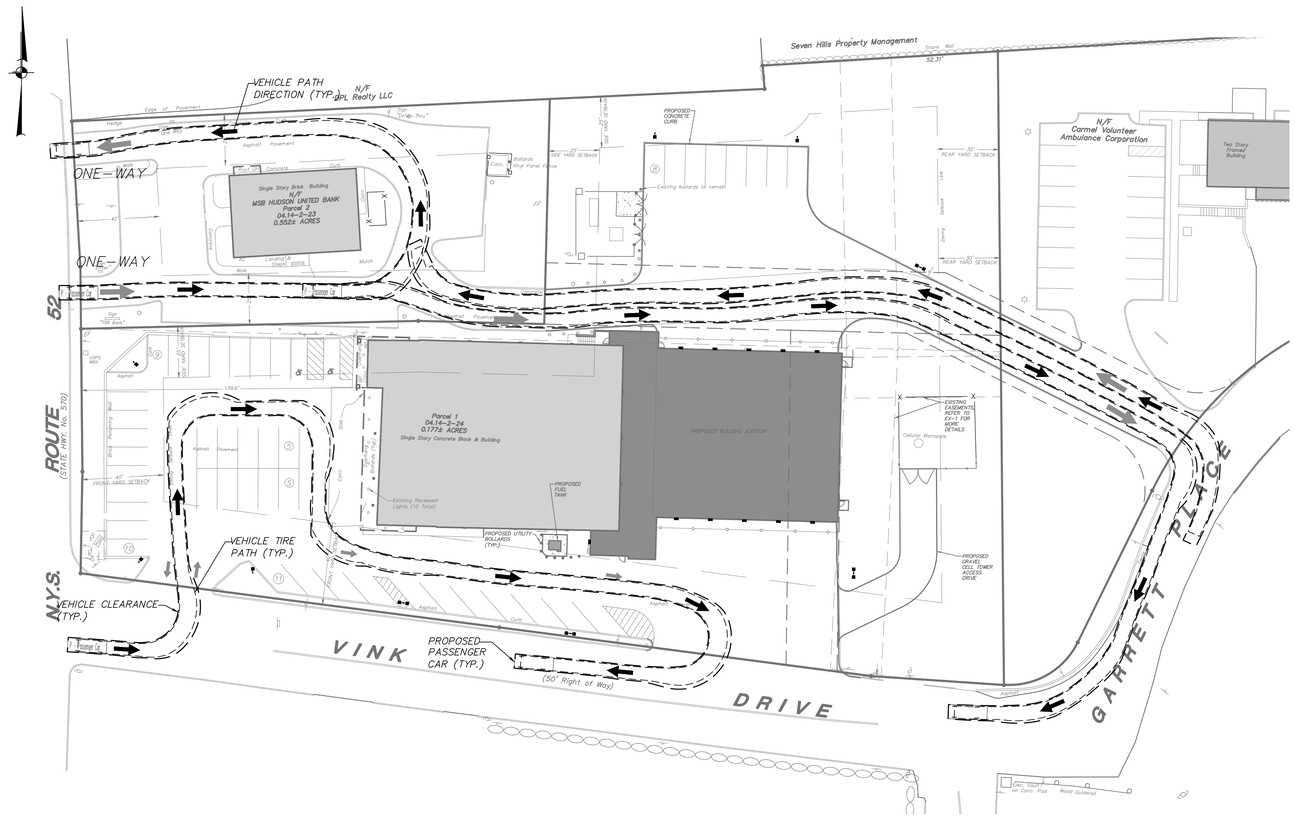
STATE OF NEW YORK
JOHN M. WATERS
LICENSED PROFESSIONAL ENGINEER
No. 77950

PROJECT NUMBER	19135.100	PROJECT MANAGER	J.M.W.
DATE	7-17-20	DRAWN BY	J.F.R.
SCALE	1" = 30'	CHECKED BY	K.M.G.

DRAWING NO. SP-4
SHEET 5 / 10

LEGEND

- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- EXISTING STONE WALL
- EXISTING CHAIN LINK FENCE
- EXISTING STOCKADE FENCE
- EXISTING CONCRETE CURB
- EXISTING DROP IN CONCRETE CURB
- EXISTING SIGN
- EXISTING POST MOUNTED LIGHT
- EXISTING RECESSED LIGHT
- EXISTING UTILITY POLE
- PROPOSED # OF STALLS TO BE STRIPED
- PROPOSED CONCRETE CURB
- PROPOSED PAINTED HANDICAP PARKING SYMBOL
- PROPOSED STRIPED ISLAND
- PROPOSED SINGLE POLE SIGN
- PROPOSED POLE MOUNTED LIGHT
- PROPOSED BUILDING MOUNTED LIGHT



PASSENGER CAR VEHICLE MANEUVER

SCALE: 1" = 30'

NOTE: The passenger car used for vehicle maneuvering is a standard vehicle with an overall length of 19'-0" and width of 7'-0". These standard dimensions show that a passenger car of this size, or similar, will be able to maneuver through the property.

GRAPHIC SCALE

0 15 30 60

(IN FEET)
1 inch = 30 ft.

SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

NO.	DATE	REVISION	BY
3	4-29-21	PLANNING BOARD SUBMISSION	MEU
2	10-8-20	PLANNING BOARD SUBMISSION	ERA
1	8-7-20	PLANNING BOARD SUBMISSION	KMG

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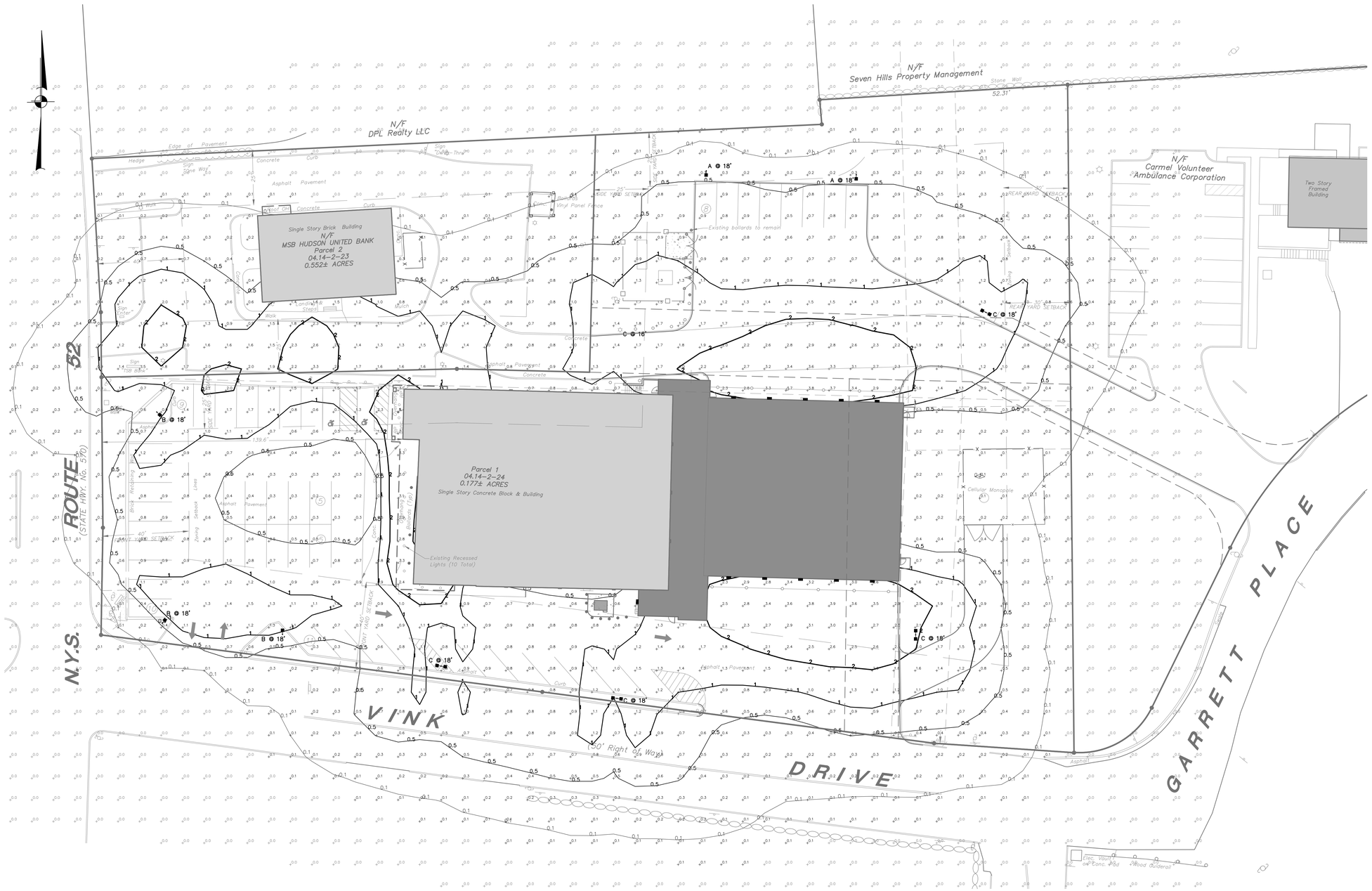
PROJECT:
CARMEL FIRE DEPARTMENT
94 GLENEIDA AVENUE, CARMEL, PUTNAM COUNTY, NEW YORK

DRAWING:
VEHICLE MANEUVERING PLAN

STATE OF NEW YORK
JOHN M. WASSON
No. 77959
LICENSED PROFESSIONAL ENGINEER

PROJECT NUMBER	19135.100	PROJECT MANAGER	J.M.W.
DATE	7-17-20	DRAWN BY	J.F.R.
SCALE	1" = 30'	CHECKED BY	K.M.G.

DRAWING NO. SP-5
SHEET 6 / 10



LEGEND

- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- EXISTING STONE WALL
- EXISTING CHAIN LINK FENCE
- EXISTING STOCKADE FENCE
- EXISTING CONCRETE CURB
- EXISTING DROP IN CONCRETE CURB
- EXISTING SIGN
- EXISTING HEDGE ROW
- EXISTING TREELINE
- EXISTING POST MOUNTED LIGHT
- EXISTING RECESSED LIGHT
- EXISTING UTILITY POLE
- PROPOSED # OF STALLS TO BE STRIPED
- PROPOSED CONCRETE CURB
- PROPOSED PAINTED HANDICAP PARKING SYMBOL
- PROPOSED STRIPED ISLAND
- PROPOSED SINGLE POLE SIGN
- PROPOSED POLE MOUNTED LIGHT
- PROPOSED BUILDING MOUNTED LIGHT

LIGHTING NOTES:

1. All lighting shall be as noted on the plan or approved equal.
2. Style and finish of all luminaires to be selected by owner.
3. Calculation values shown in this plan are taken on a horizontal plane at ground level using a 0.90 light loss factor for LEDs. Topographical information and landscaping have not been accounted for in these calculations.
4. Photometric modeling based on similar or specified fixtures.
5. Lighting plan assumes that certain light fixtures will utilize existing foundations. Contractor verify prior to ordering fixtures and shall notify Project Landscape Architect if bolt pattern differs.
6. Light levels generated from lighting on adjacent properties are approximate and shown for informational purposes only.

LUMINAIRE SCHEDULE

Symbol	Qty	Catalog Number	Description	Lamp	Mounting Height
A	2	UCM2-ANG-36L-260-3K7-4W-HS	ARCHITECTURAL AREA LIGHTING, UNIVERSE COLLECTION, MEDIUM 2.0, HOUSE-SIDE SHIELD	LED	18' - 0"
B, C	8	UCM2-ANG-36L-260-3K7-4W	ARCHITECTURAL AREA LIGHTING, UNIVERSE COLLECTION, MEDIUM 2.0	LED	AS NOTED
D	10	UCM2-ANG-36L-260-3K7-4W	ARCHITECTURAL AREA LIGHTING, UNIVERSE COLLECTION, MEDIUM 2.0	LED	18' - 4 1/2"
○	10	N/A	EXISTING RECESSED BUILDING MOUNTED LIGHTING. MODELED FOR REFERENCE ONLY.	LED	N/A
☼	3	N/A	EXISTING FIXTURES LOCATED ON NEIGHBORING PARCEL. MODELED FOR REFERENCE ONLY.	LED	N/A

STATISTICS

DESCRIPTION	SYMBOL	AVG	MAX	MIN	AVG/MAX	AVG/MIN
Project Area	+	0.5 fc	5.4 fc	0.0 fc	N/A	N/A

LIGHT CONTOUR LEGEND

- 0.1 — 0.10 Foot Candles
- 0.5 — 0.50 Foot Candles
- 1 — 1.00 Foot Candles
- 2 — 2.00 Foot Candles

* Photometric calculations shown on plan are in foot candles.

architectural area lighting

UCM2

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- Reliable, uniform, glare free illumination
- Types II, III, IV, V and custom distributions
- 3000K, 4000K, 5000K CCT
- 0-10V dimming ready
- Integral surge suppression
- 15 standard powder coat finishes
- Upgrade Kits

3000K and warmer CCTs only

CONTROL TECHNOLOGY

wiSCAPE HUBBELL HUBBELL Lighting

GRAPHIC SCALE

0 10 20 40

(IN FEET)
1 inch = 20 ft.

NO.	DATE	REVISION	BY
3	4-29-21	PLANNING BOARD SUBMISSION	MEV
2	10-8-20	PLANNING BOARD SUBMISSION	ERA
1	8-7-20	PLANNING BOARD SUBMISSION	KMG

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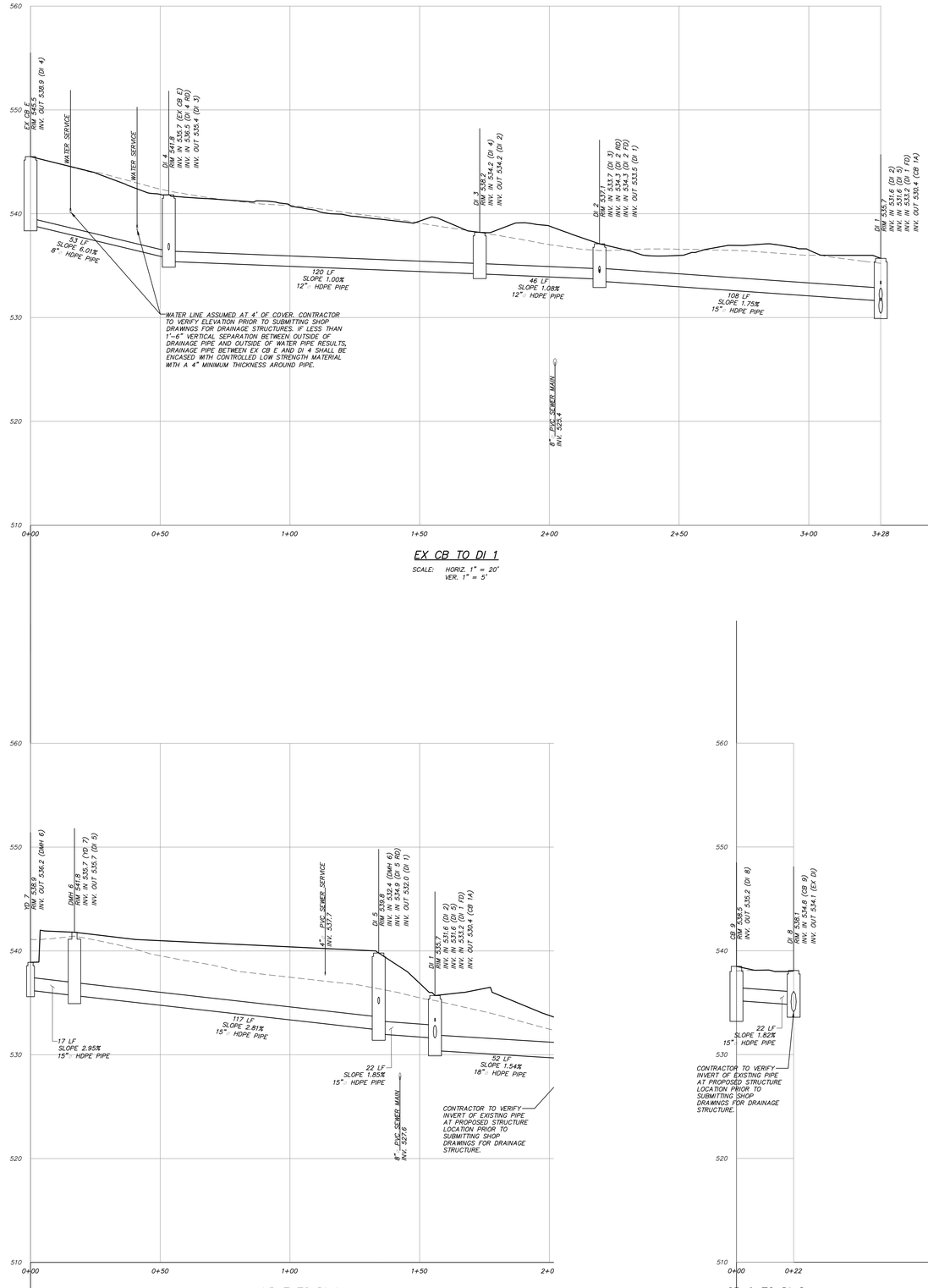
PROJECT:
CARMEL FIRE DEPARTMENT
94 GLENEIDA AVENUE, CARMEL, PUTNAM COUNTY, NEW YORK

DRAWING:
LIGHTING PLAN

STATE OF NEW YORK · JOHN M. WATSON · LICENSED PROFESSIONAL ENGINEER · NO. 77935

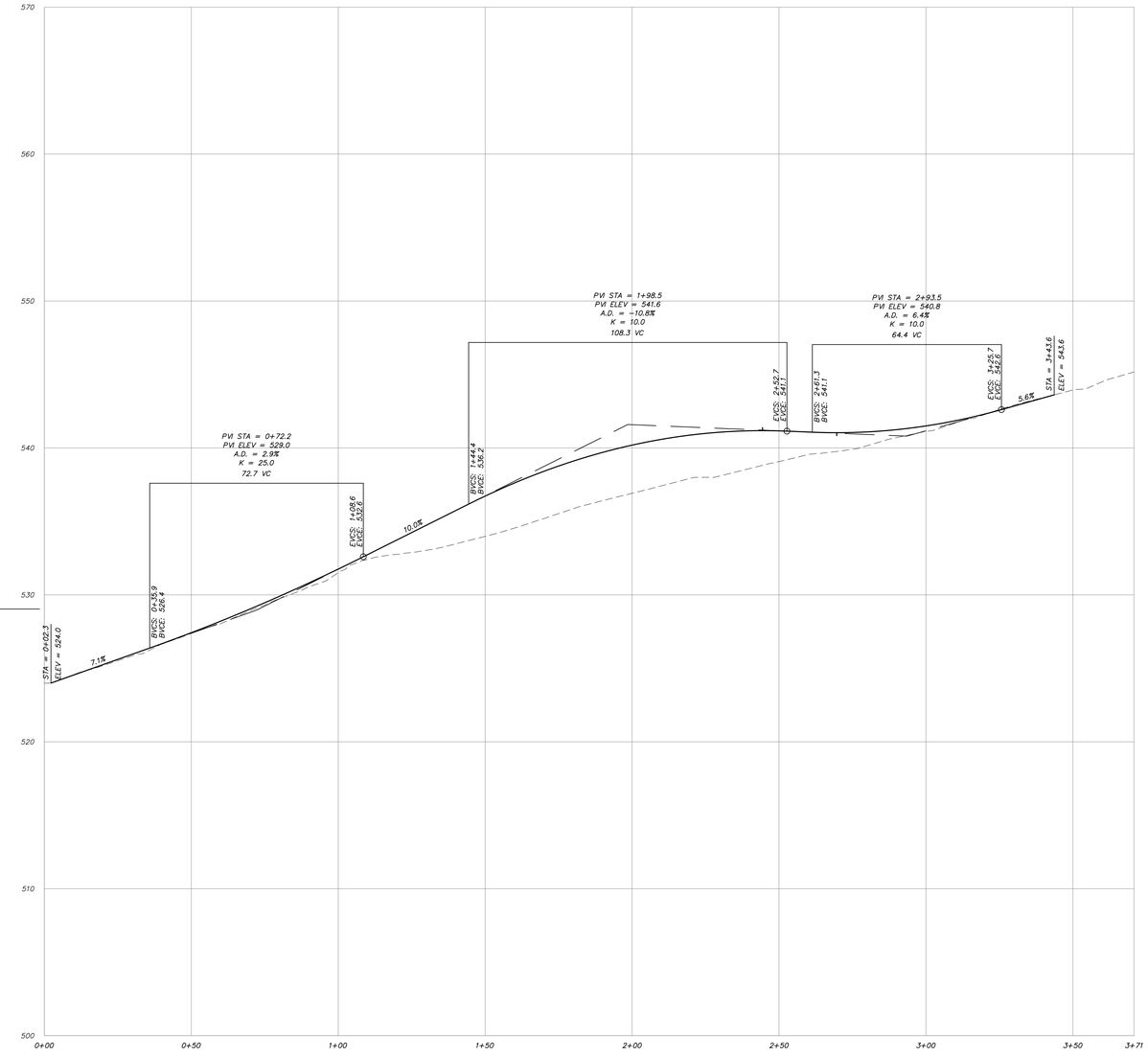
PROJECT NUMBER	19135.100	PROJECT MANAGER	J.M.W.
DATE	7-17-20	DRAWN BY	J.F.R.
SCALE	1" = 20'	CHECKED BY	K.M.G.

DRAWING NO. LP-1 SHEET 7 / 10



EX CB TO DI 1

SCALE: HORIZ. 1" = 20'
VER. 1" = 5'



PROPOSED DRIVEWAY PROFILE

SCALE: HORIZ. 1" = 20'
VER. 1" = 4'

YD 7 TO DI 1

SCALE: HORIZ. 1" = 20'
VER. 1" = 5'

CB 9 TO DI 8

SCALE: HORIZ. 1" = 20'
VER. 1" = 5'

NO.	DATE	REVISION	BY
3	4-29-21	PLANNING BOARD SUBMISSION	MEU
2	10-8-20	PLANNING BOARD SUBMISSION	ERA
1	8-7-20	PLANNING BOARD SUBMISSION	KMG

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PROJECT:
CARMEL FIRE DEPARTMENT
94 GLENEIDA AVENUE, CARMEL, PUTNAM COUNTY, NEW YORK

DRAWING:
PROFILES

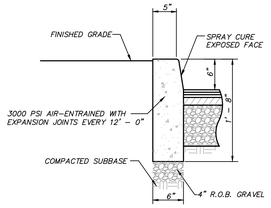
STATE OF NEW YORK
JOHN M. WATSON
No. 27820
LICENSED PROFESSIONAL ENGINEER

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 inch = 20 ft.

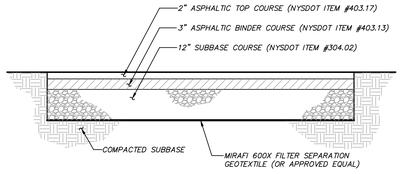
PROJECT NUMBER	19135.100	PROJECT MANAGER	J.M.W.
DATE	7-17-20	DRAWN BY	C.B.Z.
SCALE	AS SHOWN	CHECKED BY	K.M.G.

DRAWING NO. PR-1
SHEET 8 / 10

Z:\E\19135\00 Carmel FD\Misc Drawing Files\Old Drawings\2020-04-29 Planning Board Amended Plan\CAR PR-1.dwg, 4/30/2021 8:45:05 AM, mcfarr 11

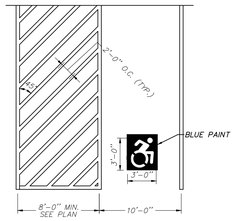


CONCRETE CURB DETAIL
(N.T.S.)



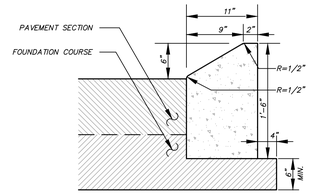
ASPHALT PAVEMENT DETAIL
(N.T.S.)

NOTE: DRIVEWAYS SHALL MEET CONSTRUCTION REQUIREMENTS AS OUTLINED IN THE TOWN OF CARMEL CODE §128 STREETS AND SIDEWALKS.



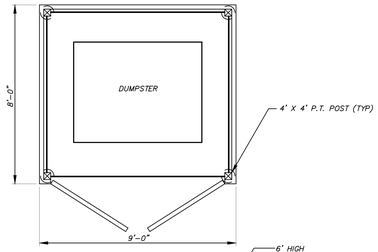
NOTE:
ALL HANDICAP STRIPING SHALL BE 4" WIDE BLUE PAINT.

PAINTED NYS ACCESSIBLE PARKING DETAIL
(N.T.S.)



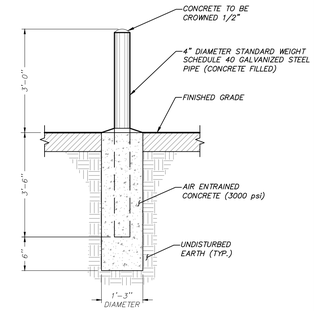
NOTE: TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB 10'-0" APART AND SHALL BE FILLED WITH CELLULAR COMPRESSION MATERIALS AS SPECIFIED, RECESSED 1/4" IN FROM FRONT FACE AND TOP OF CURB.

MOUNTABLE CONCRETE CURB DETAIL
(N.T.S.)



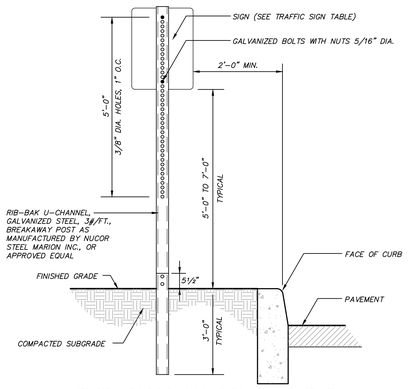
NOTE: CHECK WITH REFUSE HAULER PRIOR TO INSTALLATION OF REFUSE ENCLOSURE FOR DIMENSIONS.

DUMPSTER ENCLOSURE DETAIL
(N.T.S.)



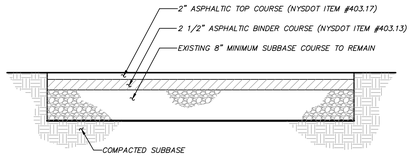
NOTES:
1. WHEN BOLLARDS ARE TO BE USED FOR PROTECTION OF COMBUSTIBLE OBJECTS, POSTS SHALL BE OFFSET A MINIMUM OF THREE (3) FEET FROM THE OBJECT BEING PROTECTED.
2. BOLLARDS (WHEN MORE THAN ONE IS REQUIRED) SHALL BE SPACED NOT MORE THAN FOUR (4) FEET ON CENTER WHEN PROTECTING COMBUSTIBLE OBJECTS.

STEEL BOLLARD DETAIL
(N.T.S.)

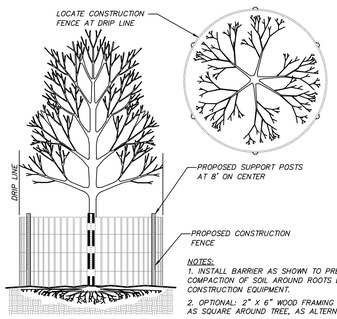


NOTE: FOR HANDICAP PARKING SIGNAGE, SIGNS SHALL BE INSTALLED AT A CLEAR HEIGHT OF BETWEEN 5'-0" AND 7'-0" ABOVE GRADE OF PARKING SPACE AND SUCH THAT SIGNS SHALL NOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.

TRAFFIC SIGN DETAIL
(N.T.S.)

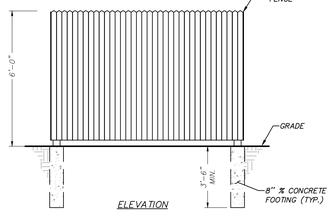


REPLACEMENT ASPHALT PAVEMENT DETAIL
(N.T.S.)

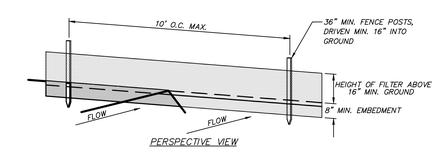


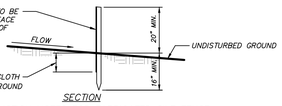
NOTES:
1. INSTALL BARRIER AS SHOWN TO PREVENT COMPACTION OF SOIL AROUND ROOTS BY CONSTRUCTION EQUIPMENT.
2. OPTIONAL: 2" x 6" WOOD FRAMING BUILT AS SQUARE AROUND TREE, AS ALTERNATIVE.

TREE PROTECTION DETAIL
(N.T.S.)



STOCKADE FENCE DETAIL
(N.T.S.)



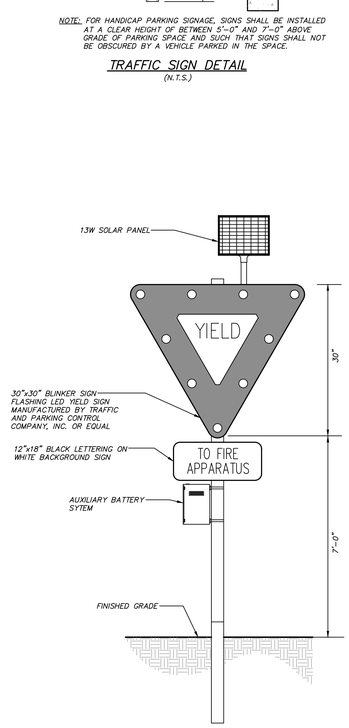


CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

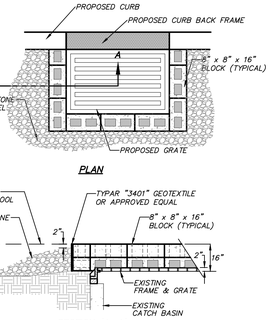
1. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUAL
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

SILT FENCE DETAIL
(N.T.S.)



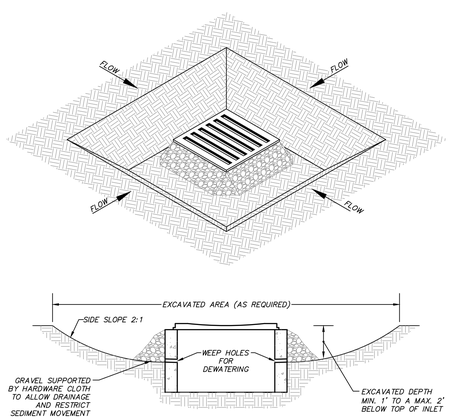
FLASHING YIELD SIGN DETAIL
(N.T.S.)



CONSTRUCTION NOTES:

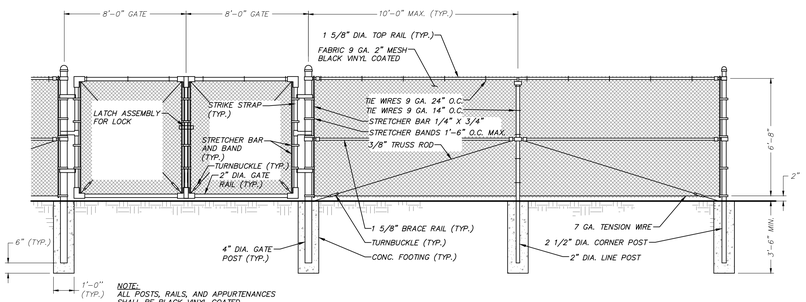
1. LAY ONE LAYER OF BLOCKS ON EACH SIDE OF THE STRUCTURE ON THEIR SIDES FOR DEWATERING. EDGES OF BLOCK SHALL BE 2 INCHES MINIMUM BELOW THE GRATE. BLOCKS SHALL BE PLACED AGAINST THE INLET FOR SUPPORT. PLACE A SECOND LAYER OF BLOCKS ON TOP OF THE FIRST LAYER WITH HOLE FACE UP.
2. GEOTEXTILE SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL 1/2 TO 3/4 INCH IN DIAMETER PLACED ON A 2H:1V SLOPE OR FLATTER, TO WITHIN 2 INCHES OF THE TOP OF THE BLOCKS.

CATCH BASIN IN EXISTING PAVEMENT STONE AND BLOCK DROP INLET PROTECTION DETAIL
(N.T.S.)



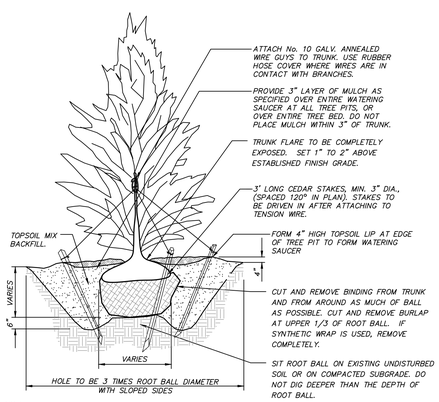
1. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION
2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN
3. WEEP HOLES SHALL BE PROTECTED BY GRAVEL
4. UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES. FILL EXCAVATION WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY, AND STABILIZE WITH PERMANENT SEEDING
5. MAXIMUM DRAINAGE AREA = 1 ACRE

EXCAVATED DROP INLET PROTECTION DETAIL
(N.T.S.)



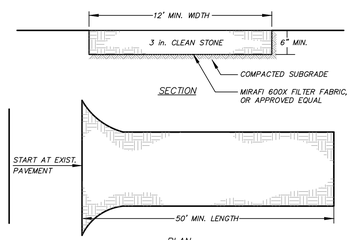
NOTE:
ALL POSTS, RAILS, AND APPURTENANCES SHALL BE BLACK VINYL COATED.

CHAIN LINK FENCE DETAIL
(N.T.S.)



NOTE:
PROVIDE STAKING AND GUYING FOR TREES PLANTED ON SLOPES GREATER THAN 3H:1V, IN EXPOSED, WINDY AREAS AND AS SPECIFIED BY LANDSCAPE ARCHITECT. GUY WIRES AND STAKES SHALL BE REMOVED WITHIN TWELVE MONTHS OF PLANTING.

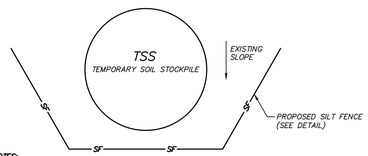
EVERGREEN TREE PLANTING DETAIL
(N.T.S.)



INSTALLATION NOTES

1. STONE SIZE – USE 3" STONE
2. LENGTH – AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.)
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
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 WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT 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 RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT 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.

STABILIZED CONSTRUCTION ENTRANCE DETAIL
(N.T.S.)



NOTES:

1. AREA CHOSEN FOR STOCKPILE LOCATION SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE IMMEDIATELY SEEDED WITH K31 PERENNIAL TALL FESCUE.
4. ALL STOCKPILES SHALL BE PROTECTED WITH SILT FENCING INSTALLED ON THE DOWNGRADIENT SIDE.

TEMPORARY SOIL STOCKPILE DETAIL
(N.T.S.)

NO.	DATE	REVISION	BY
4	4-29-21	PLANNING BOARD SUBMISSION	MEU
3	10-8-20	PLANNING BOARD SUBMISSION	ERA
2	8-7-20	PLANNING BOARD SUBMISSION	KMG
1	7-17-20	PLANNING BOARD SUBMISSION	ERA

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3 Garrett Place
Carmel, NY 10512
(845) 225-9690
(845) 225-9717 fax
www.insite-eng.com

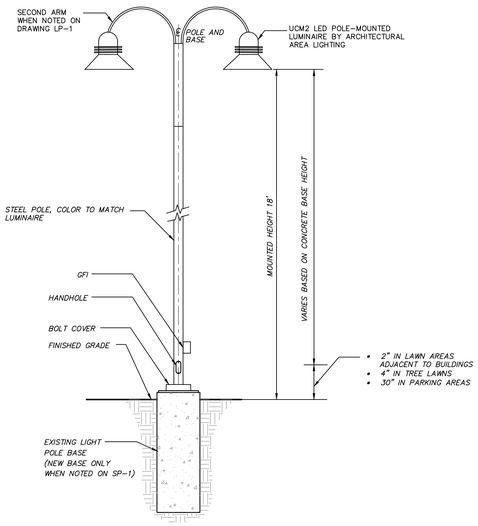
PROJECT:
CARMEL FIRE DEPARTMENT
94 GLENIDA AVENUE, CARMEL, PUTNAM COUNTY, NEW YORK

DRAWING:
DETAILS

STATE OF NEW YORK JOHN M. WATSON No. 77460 LICENSED PROFESSIONAL ENGINEER

PROJECT NUMBER	19135.100	PROJECT MANAGER	J.M.W.
DATE	5-20-20	DRAWN BY	J.F.R.
SCALE	AS NOTED	CHECKED BY	K.M.G.

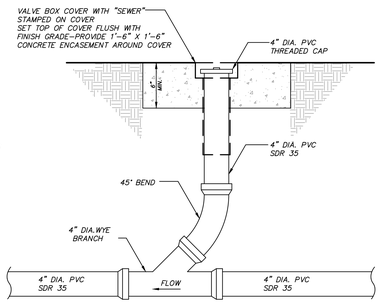
DRAWING NO. D-1
SHEET 9 / 10



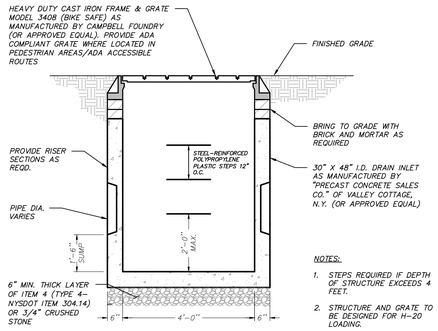
POLE-MOUNTED AREA LIGHT DETAIL
(N.T.S.)

SEWER SERVICE NOTES

1. All sewer services shown on these plans shall be polyvinyl chloride (PVC) SDR 35 with factory installed push on gaskets.
2. Sanitary Sewers shall be laid at least 10 feet horizontally from any existing or proposed water main. The distance shall be measured edge to edge. In cases where it is not practical to maintain a 10 foot horizontal separation, the Design Engineer and the Town of Carmel may allow deviation with prior approval on a case-by-case basis, if supported by data from the Design Engineer prior to sewer line installation. The horizontal separation also applies to service connections.
3. Sewers crossing water mains shall be laid to provide a minimum vertical separation of 18 inches between the outside of the sewer main and the water main. The crossing shall be arranged so that the sewer joints will be equidistant and as far as possible from the water main joints. Where a water main crosses under a sewer, adequate structural support shall be provided for the sewer to maintain line and grade. In cases where it is not practical to maintain a 18" vertical separation, the Design Engineer and the Town of Carmel may allow deviation with prior approval on a case-by-case basis, if supported by data from the Design Engineer prior to the sewer line installation. The vertical separation also applies to service connections.

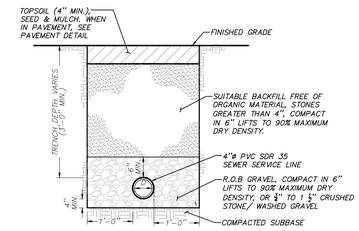


SEWER LINE CLEANOUT DETAIL
(N.T.S.)

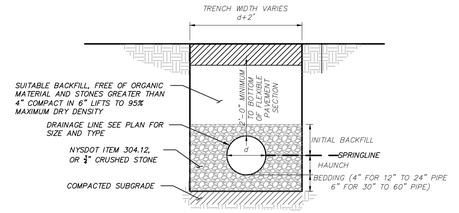


NOTES:
1. STEPS REQUIRED IF DEPTH OF STRUCTURE EXCEEDS 4 FEET.
2. STRUCTURE AND GRATE TO BE DESIGNED FOR H-20 LOADING.

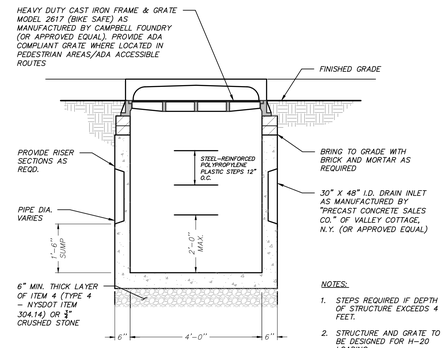
30" X 48" DRAIN INLET DETAIL
(N.T.S.)



SEWER SERVICE LINE TRENCH DETAIL
(N.T.S.)

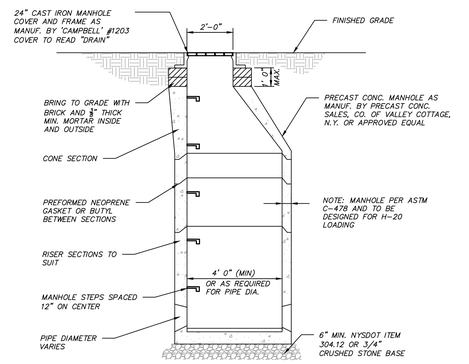


DRAINAGE LINE TRENCH DETAIL
(N.T.S.)



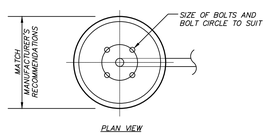
NOTES:
1. STEPS REQUIRED IF DEPTH OF STRUCTURE EXCEEDS 4 FEET.
2. STRUCTURE AND GRATE TO BE DESIGNED FOR H-20 LOADING.

30" X 48" CATCH BASIN DETAIL
(N.T.S.)

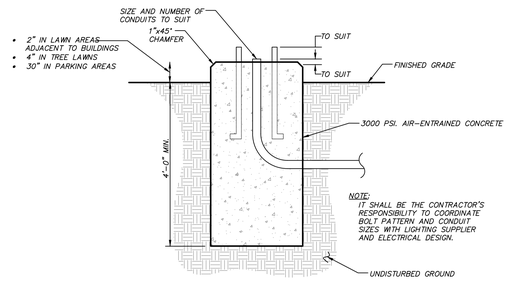


NOTE: CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR CONCRETE STRUCTURES FOR DESIGN ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION OF STRUCTURE.

DRAINAGE MANHOLE (DMH) DETAIL
(N.T.S.)

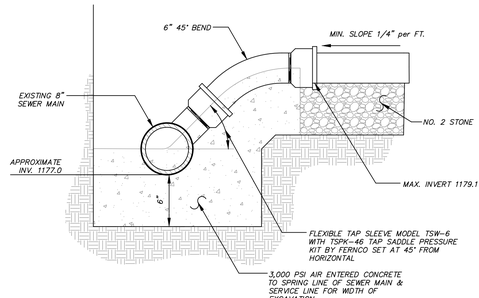


PLAN VIEW

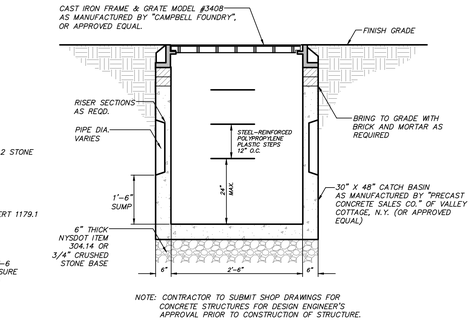


SECTION

LIGHT POLE BASE DETAIL
(N.T.S.)

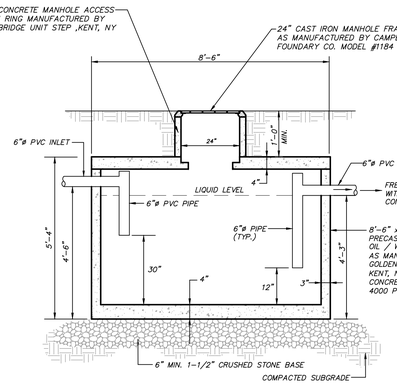


SEWER SERVICE CONNECTION DETAIL
(N.T.S.)

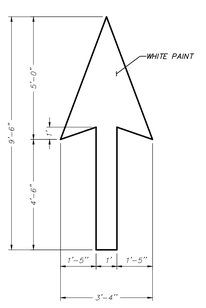


NOTE: CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR CONCRETE STRUCTURES FOR DESIGN ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION OF STRUCTURE.

DRAIN INLET (DI) DETAIL
(N.T.S.)
(STRUCTURE AND GRATE TO BE DESIGNED FOR H-20 LOADING)



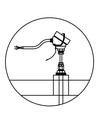
1,000 GALLON OIL/WATER SEPARATOR DETAIL
(N.T.S.)



NOTE: INSTALLATION TO CONFORM WITH CURRENT NYSDOT STANDARDS AND SPECIFICATIONS.

DIRECTIONAL ARROWS DETAIL
(N.T.S)

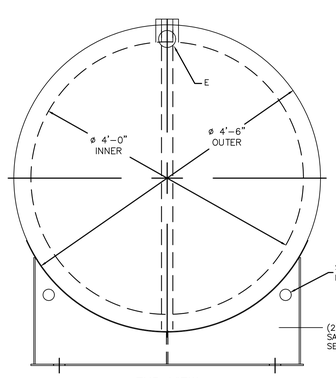
COMMUNICATION BOX DETAIL



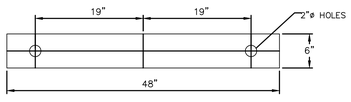
HIGH-LINK LEVEL SHIELD DETAIL

FUEL TANK INSTALLATION REQUIREMENTS:

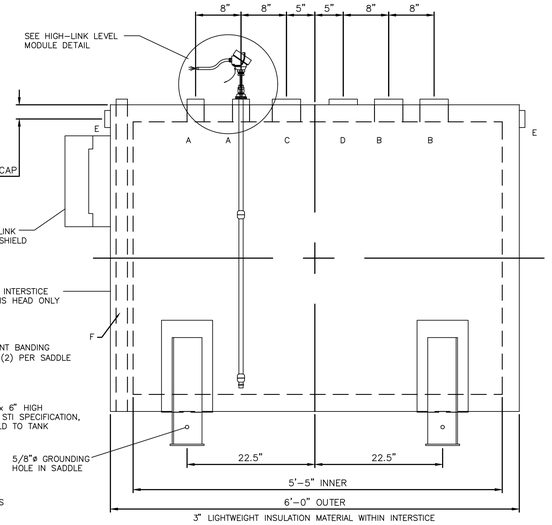
FUEL TANK SHALL BE INSTALLED WITH THE FOLLOWING:
1. FILLRITE FUEL DISPENSER PUMP AND METER (M# FR701V) OR EQUIVALENT. METER TO BE PLUMED INLINE HORIZONTALLY WITH PUMP.
2. REMOTE FILL CONTAINMENT CHAMBER
3. TWO 4" EMERGENCY VENTS
4. 48" SCULLY GOLDEN GALLON GAUGE (M# 03158)
5. LEAK DETECTION GAUGE
6. VENT PIPE WITH CAP
7. OVERFILL PROTECTION VALVE 9095S (AUTOMATIC SHUT OFF) ON FILL PORT
8. LABEL TANK AS PER NYSDEC PBS
9. ALL TANK APPURTENANCES TO BE LOCATED PER DIRECTION OF CARMEL FIRE DEPARTMENT
10. TANK SHOULD BE GROUNDED AS PER FEDERAL AND/OR STATE REGULATIONS
11. HIGH-LINK FUELSHIELD-MINI FUEL MANAGEMENT SYSTEM.



END VIEW



SADDLE VIEW



SIDE VIEW

DESIGN DATA
CAPACITY : 500 GALLONS
TYPE: FIREGUARD® CYLINDRICAL
FIREGUARD® IS A TRADEMARK OF THE STEEL TANK INSTITUTE
NO. REQ. – –
OPERATING PRESSURE – ATMOSPHERIC
SPECIFIC GRAVITY = 1.0
TANK MATERIAL – MILD CARBON STEEL
THICKNESS – INNER – 7 GAUGE
THICKNESS – OUTER – 7 GAUGE MIN. GAUGE OR THICKNESS (PER U.L. 2085)
CONSTRUCTION – INNER – LAP WELD OUTSIDE ONLY
CONSTRUCTION – OUTER – LAP WELD OUTSIDE ONLY
TANK TEST – PER UL 2085
INT. FINISH – NONE
EXT. FINISH – SP-6 BLAST, FINISH PAINT WHITE
LABEL- UL 2085 AND FIREGUARD® PER sti

LEGEND	
A	2" FEMALE FIREGUARD COUPLING
B	4" FEMALE FIREGUARD COUPLING
C	4" FEMALE FIREGUARD COUPLING – FOR PRIMARY EMERGENCY VENT USE
D	4" FITTING THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL INTERSTITIAL EMERGENCY VENT USE ONLY
E	2" FITTING THROUGH OUTER SHELL ONLY WITH CAST IRON PLUG- MFG USE ONLY
F	2" INTERSTITIAL MONITOR PIPE – MALE NPT END

500 GAL 48" DIAMETER FIREGUARD TANK
(N.T.S.)

NO.	DATE	REVISION	BY
4	4-29-21	PLANNING BOARD SUBMISSION	MEU
3	10-8-20	PLANNING BOARD SUBMISSION	ERA
2	8-7-20	PLANNING BOARD SUBMISSION	KMG
1	7-17-20	PLANNING BOARD SUBMISSION	ERA

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Carmel, NY 10512
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(845) 225-9717 fax
www.insite-eng.com

PROJECT:
CARMEL FIRE DEPARTMENT
94 GLENEIDA AVENUE, CARMEL, PUTNAM COUNTY, NEW YORK

DRAWING:
DETAILS

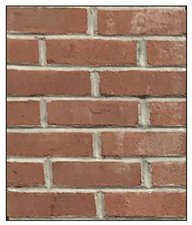
STATE OF NEW YORK JOHN M. WATSON No. 77960 LICENSED PROFESSIONAL ENGINEER

PROJECT NUMBER	19135.100	PROJECT MANAGER	J.M.W.
DATE	5-20-20	DRAWN BY	J.F.R.
SCALE	AS NOTED	CHECKED BY	K.M.G.

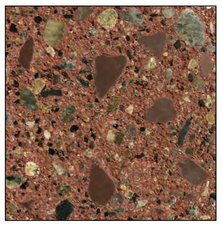
DRAWING NO. D-2
SHEET 10 / 10

PROPOSED SOUTH ELEVATION

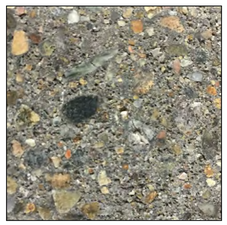
PROPOSED MATERIALS:



EXISTING BRICK

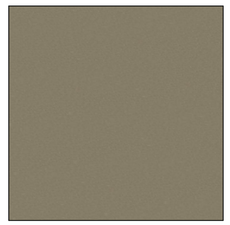


GROUND FACE ACMU -
REDWOOD BRAND

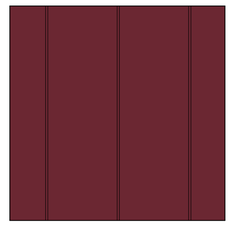


SPLIT FACE ACMU -
LIGHT CHARCOAL

FIBER CEMENT SIDING -
COBBLE STONE



OVERHEAD DOOR -
BEIGE



STANDING SEAM METAL ROOF-
REDWOOD

ASPHALT SHINGLES -
SLATESTONE GRAY

H 2 M architects + engineers

3 Lear Jet Lane, Suite 205
Latham, NY 12110
518.765.5105 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
EJN/AFJ	TES		

PROJECT No:	DATE:	SCALE:
CARM1902	10/20/2020	AS SHOWN

CLIENT

CARMEL FIRE DEPARTMENT INC.

PROPOSED ADDITION/RENOVATION

94 GLENEIDA AVE, CARMEL HAMLET NY, 10512

CONTRACT

ALL CONTRACTS

STATUS

DD AUG/OCT 2020

SHEET TITLE

PROPOSED SOUTH RENDERING AND PRELIMINARY MATERIALS

DRAWING No.

AP1.0

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10/20/2020 5:28:45 PM

H 2 M architects + engineers

3 Lear Jet Lane, Suite 205
Latham, NY 12110
518.765.5105 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
EJN/AFJ	TES		

PROJECT No:	DATE:	SCALE:
CARM1902	10/20/2020	AS SHOWN

CLIENT

CARMEL FIRE DEPARTMENT INC.

PROPOSED ADDITION/RENOVATION

94 GLENEIDA AVE, CARMEL HAMLET NY, 10512

CONTRACT

ALL CONTRACTS

STATUS

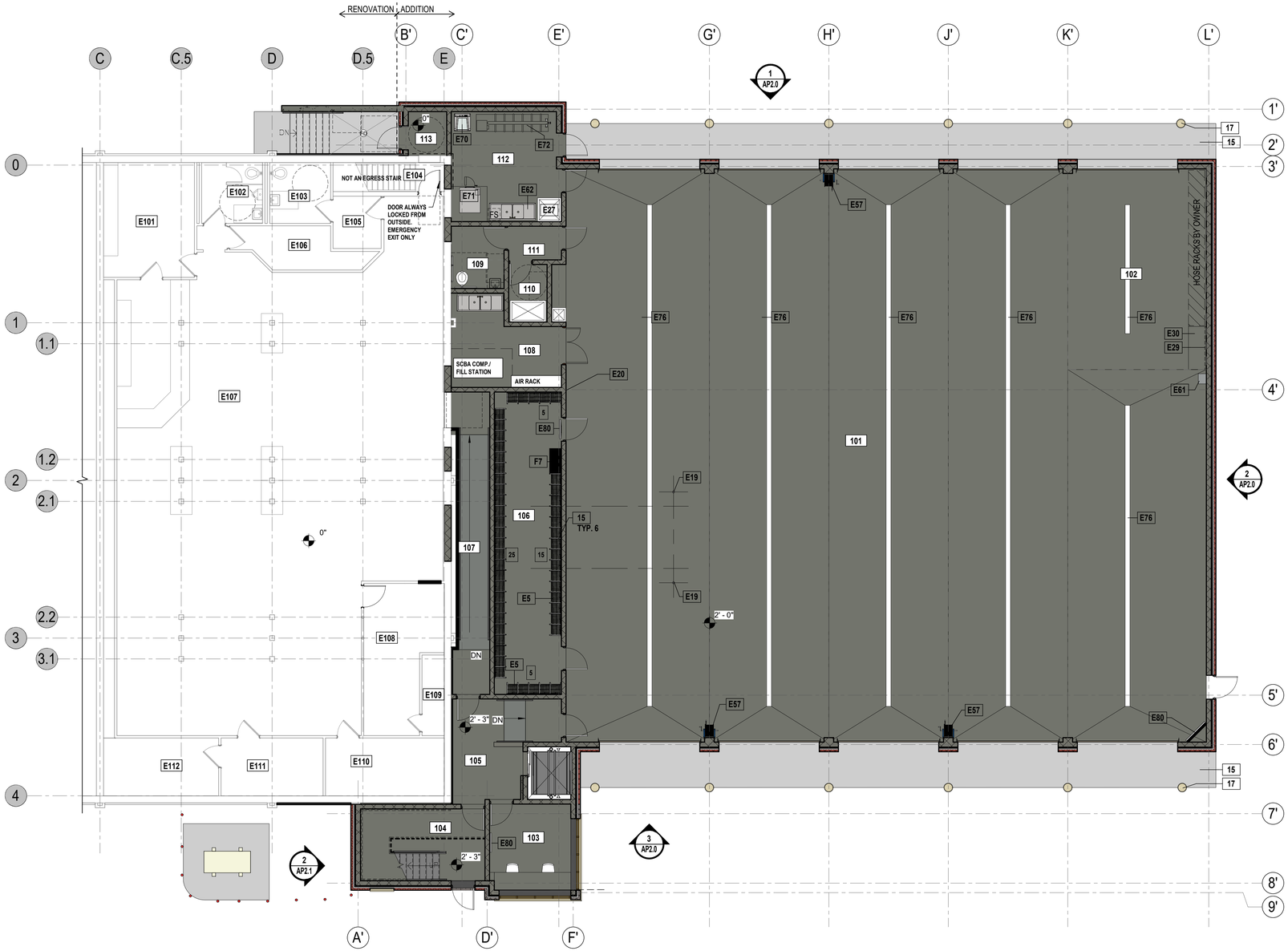
DD AUG/OCT 2020

SHEET TITLE

PROPOSED WEST RENDERING

DRAWING No.

AP1.1



1 AP1.2 **PROPOSED FIRST FLOOR PLAN**
SCALE: 1/8" = 1'-0"

CALLED NORTH

FIRST FLOOR ROOM LEGEND

#	Name
101	APPARATUS BAYS
102	HOSE STORAGE/WORK AREA
103	RADIO ROOM
104	STAIR
105	LOBBY
106	TURNOUT GEAR ROOM
107	CORRIDOR
108	SCBA
109	RESTROOM
110	SHOWER
111	VESTIBULE
112	DECON ROOM
113	VESTIBULE
E101	KITCHEN
E102	TOILET
E103	TOILET
E104	STAIRS
E105	VEST.
E106	ELECTRIC
E107	MEMBER'S ROOM
E108	STORAGE
E109	STOR.
E110	MECHANICAL
E111	UTILITY
E112	STORAGE

H 2 M architects + engineers

3 Lear Jet Lane, Suite 205
Latham, NY 12110
518.765.5105 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
EJN/AFJ	TES		

PROJECT No:	DATE:	SCALE:
CARM1902	10/20/2020	AS SHOWN

CLIENT

CARMEL FIRE DEPARTMENT INC.

PROPOSED ADDITION/RENOVATION

94 GLENEIDA AVE, CARMEL HAMLET NY, 10512

CONTRACT

ALL CONTRACTS

STATUS

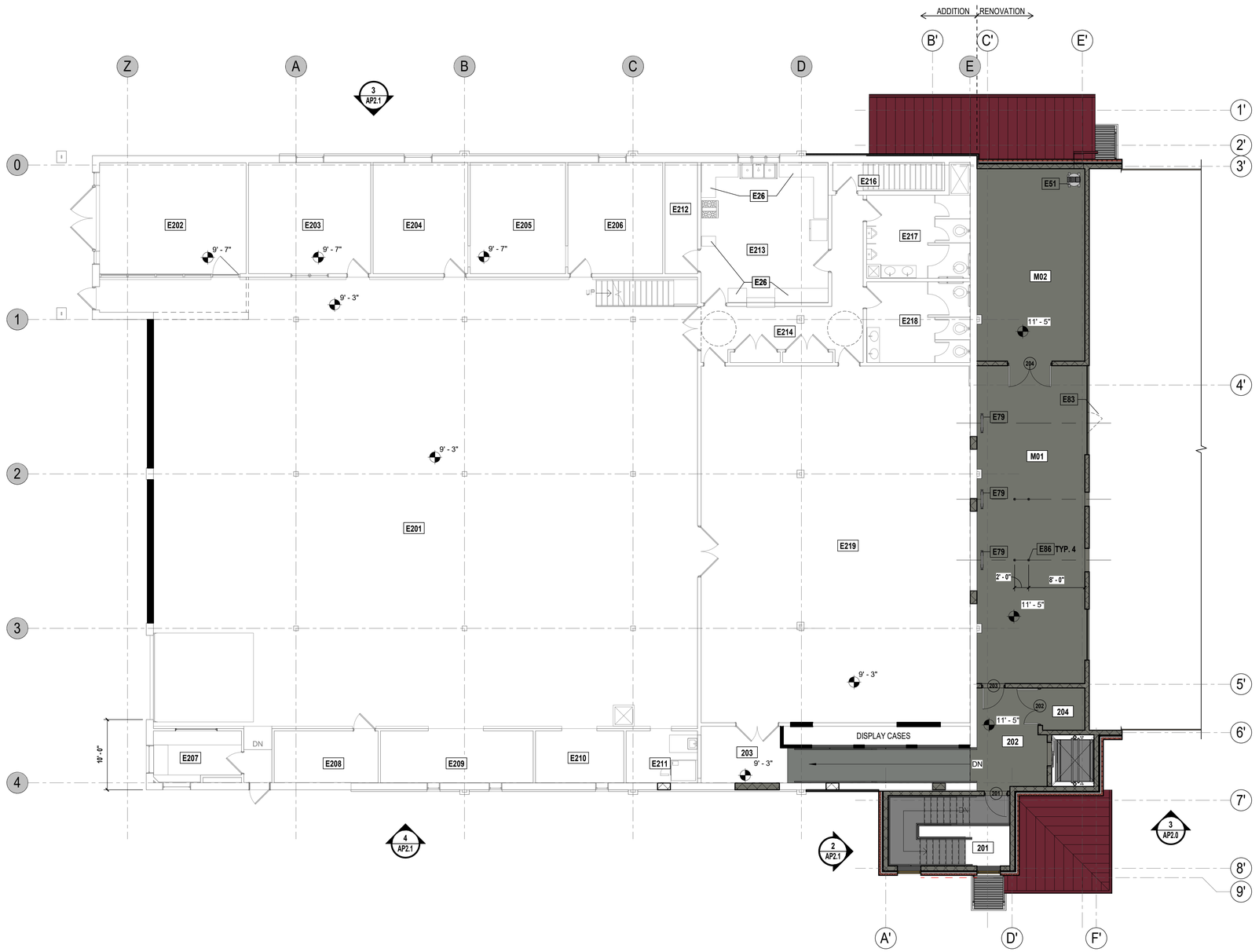
DD AUG/OCT 2020

SHEET TITLE

FIRST FLOOR PLAN

DRAWING No.

AP1.2



1 AP1.3 **PROPOSED SECOND FLOOR PLAN**

SCALE: 1/8" = 1'-0"

CALLED NORTH

SECOND FLOOR ROOM LEGEND

#	Name
201	STAIRS
202	SECOND FLOOR LOBBY
203	CORRIDOR
204	STORAGE
E201	EXISTING APPARATUS BAYS
E202	DISPLAY ROOM
E203	MEETING ROOM
E205	FILE ROOM
E206	ADMIN OFFICE
E207	DISPATCH
E208	STORE ROOM
E209	COMPRESSOR
E210	OFFICE
E211	UTILITY ROOM
E212	PANTRY
E213	KITCHEN
E214	CORRIDOR
E216	STAIR
E217	MEN'S ROOM
E218	WOMEN'S ROOM
E219	MEETING HALL
M01	MEZZANINE
M02	MECH. ROOM

H 2 M architects + engineers

3 Lear Jet Lane, Suite 205
Latham, NY 12110
518.765.5105 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
EJN/AFJ	TES		
PROJECT No:	DATE:	SCALE:	
CARM1902	10/20/2020	AS SHOWN	

CLIENT

CARMEL FIRE DEPARTMENT INC.

PROPOSED ADDITION/RENOVATION

94 GLENEIDA AVE, CARMEL HAMLET NY, 10512

CONTRACT

ALL CONTRACTS

STATUS

DD AUG/OCT 2020

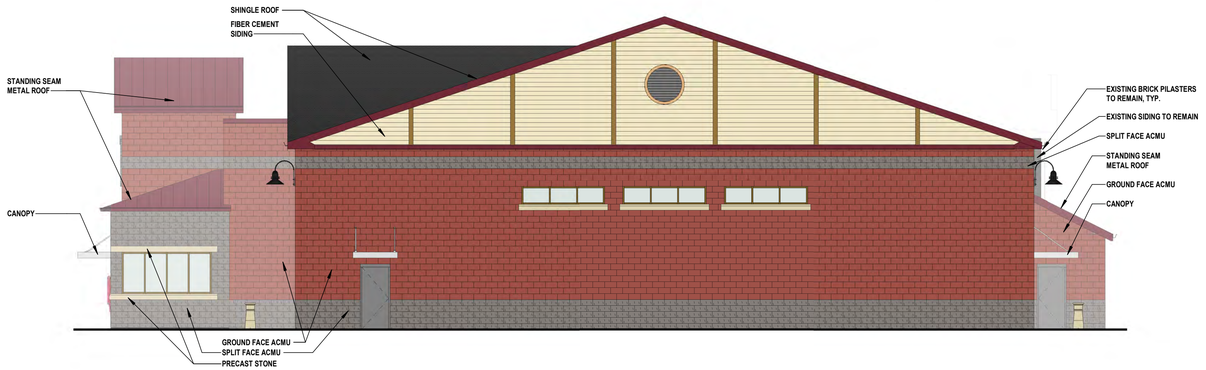
SHEET TITLE

SECOND FLOOR & MEZZANINE PLAN

DRAWING No.

AP1.3

1 AP2.0 **PROPOSED NORTH ELEVATION - ADDITION**
SCALE: 1/8" = 1'-0"



2 AP2.0 **PROPOSED EAST ELEVATION - ADDITION**
SCALE: 1/8" = 1'-0"

3 AP2.0 **PROPOSED SOUTH ELEVATION - ADDITION**
SCALE: 1/8" = 1'-0"

STANDING SEAM METAL ROOF- REDWOOD

ASPHALT SHINGLES - SLATESTONE GRAY

FIBER CEMENT SIDING - COBBLE STONE

OVERHEAD DOOR - BEIGE

WINDOWS AND MISCELLANEOUS METALS- SANDSTONE

EXISTING BRICK

GROUND FACE ACMU - REDWOOD BRAND

SPLIT FACE ACMU - LIGHT CHARCOAL

H2M architects + engineers
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Latham, NY 12110
518.765.5105 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
EJN/AFJ	TES		

PROJECT No:	DATE:	SCALE:
CARM1902	10/20/2020	AS SHOWN

CLIENT

CARMEL FIRE DEPARTMENT INC.

PROPOSED ADDITION/RENOVATION

94 GLENEIDA AVE, CARMEL HAMLET NY, 10512

CONTRACT

ALL CONTRACTS

STATUS

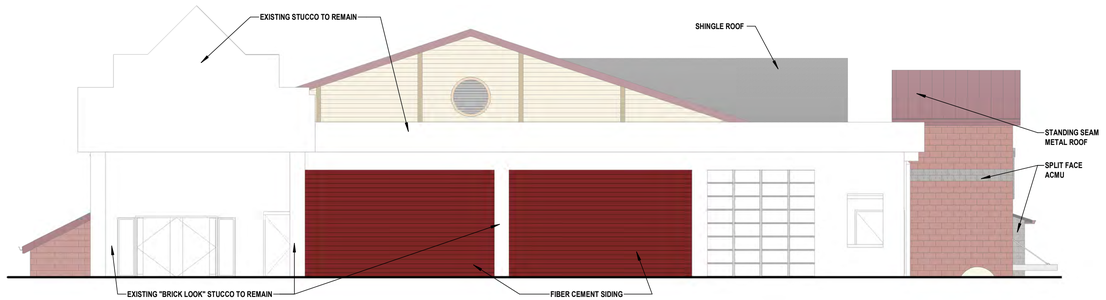
DD AUG/OCT 2020

SHEET TITLE

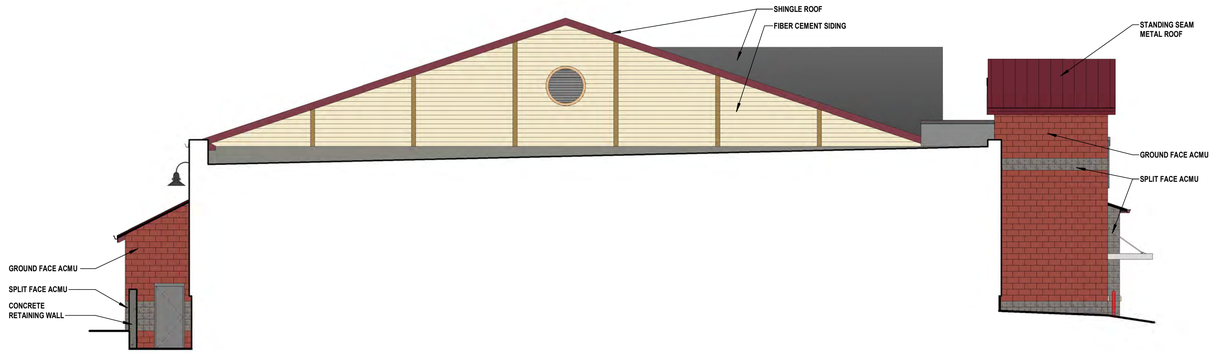
EXTERIOR ELEVATIONS

DRAWING No.

AP2.0

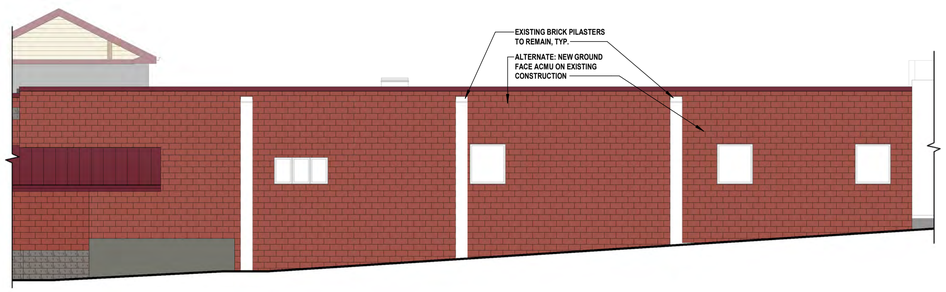


1 AP2.1 **PROPOSED WEST ELEVATION - RENOVATION**
SCALE: 1/8" = 1'-0"

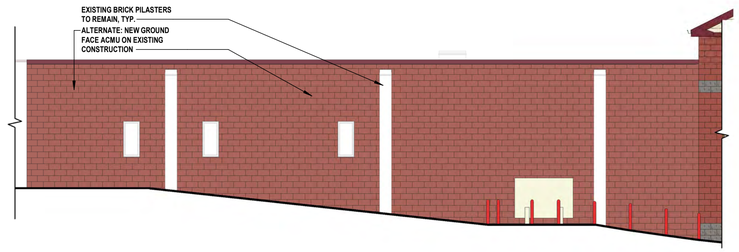


2 AP2.1 **PROPOSED WEST ELEVATION - ADDITION**
SCALE: 1/8" = 1'-0"

ALTERNATES



3 AP2.1 **PROPOSED NORTH ELEVATION - ALTERNATE**
SCALE: 1/8" = 1'-0"



4 AP2.1 **PROPOSED SOUTH ELEVATION - ALTERNATE**
SCALE: 1/8" = 1'-0"

H2M architects + engineers
3 Lear Jet Lane, Suite 205
Latham, NY 12110
518.765.5105 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
EJN/AFJ	TES		

PROJECT No:	DATE:	SCALE:
CARM1902	10/20/2020	AS SHOWN

CLIENT
CARMEL FIRE DEPARTMENT INC.

PROPOSED ADDITION/RENOVATION

94 GLENEIDA AVE, CARMEL HAMLET NY, 10512

CONTRACT
ALL CONTRACTS

STATUS
DD AUG/OCT 2020

SHEET TITLE
EXTERIOR ELEVATIONS

DRAWING No.
AP2.1

PUTNAM ENGINEERING, PLLC.
Engineers and Architects

April 27, 2021

Mr. Craig Paeprer, Chairman
Town of Carmel Planning Board
Carmel Town Hall
60 McAlpin Avenue
Mahopac, NY 10541

Re: Stacy Hirsch
311 Drewville Road
Carmel, NY
T.M. 66.13-1-7
Site Plan

Dear Chairman Paeprer and Members of the Board,

Ms. Hirsch received a use variance from the Zoning Board of Appeals in February 2020 in order to allow her to continue a dog boarding kennel business on her property.

Ms. Hirsch is seeking to construct a new indoor dog run with approximately 11' x 57' dimensions. She also wishes to take two exterior dog runs and turn them into indoor dog runs. The third action she would like to take would enable her to move her office and reception room which is currently in the garage of the residence to a new addition to be built alongside the building. The total area of new construction is approximately 1,400 square feet.

At present the property requires two variances, one for lot area and the other for lot width. We ask that the Board deny the sketch plan application and refer the applicant to the ZBA to obtain the variance required in order to return to the Planning Board to proceed with the site plan review.

Sincerely,

PUTNAM ENGINEERING, PLLC

Paul M. Lynch, P.E.
PML/rrm

L1992

TOWN OF CARMEL
SITE PLAN APPLICATION INSTRUCTIONS

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

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

No application will be placed on the agenda that is incomplete

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

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

All site plans shall be signed, sealed and folded with the title box legible. The application package shall include:

- ☒ 11 copies of the Site Plan Application Form, signed and notarized.
- ☒ 11 copies of the SEQR Environmental Assessment Form (use of short form or long form shall be determined at pre-submission conference).
- ☒ 5 full size sets of the Site Plan (including floor plans and elevations)
- ☒ 1 CD (in pdf. format) containing an electronic version of the Site Plan
- ☒ 2 copies of the Disclosure Statement
- ☒ 11 copies of the Site Plan Completeness Certification Form
- ☒ All supplemental studies, reports, plans and renderings.
- ☒ 2 copies of the current deed.
- ☐ NA 2 copies of all easements, covenants and restrictions.
- ☒ The appropriate fee, determined from the attached fee schedule. Make checks payable to the *Town of Carmel.*

Rose Trombetta 5/4/21
Planning Board Secretary; Date

Rich Mc 5/4/21
Town Engineer; Date

TOWN OF CARMEL
SITE PLAN APPLICATION

Per Town of Carmel Code – Section 156 - Zoning

SITE IDENTIFICATION INFORMATION

Application Name:	Application #	Date Submitted:
STACY HIRSCH	21-0005	4/27/21

Site Address:
No. 311 Street: DREWVILLE RD Hamlet:

Property Location: *(Identify landmarks, distance from intersections, etc.)*
800 FEET WEST OF CHERRY ROAD LOCATED ON SOUTH SIDE OF DREWVILLE

Town of Carmel Tax Map Designation:	Zoning Designation of Site:
Section 66.13 Block 1 Lot(s) 7	R - RESIDENTIAL
Property Deed Recorded in County Clerk's Office	**Liens, Mortgages or other Encumbrances**
Date Liber Page	(Yes) No
Existing Easements Relating to the Site	**Are Easements Proposed?**
(No) Yes Describe and attach copies:	(No) Yes Describe and attach copies:

Have Property Owners within a 500' Radius of the Site Been Identified?
(Yes) No Attached List to this Application Form

APPLICANT/OWNER INFORMATION

Property Owner:	Phone #:	Email:
STACY HIRSCH	914-393 1255 Fax#:	stacyhirsch@hotmail.com

Owners Address:
No. 311 Street: DREWVILLE ROAD Town: CARMEL State: NY Zip: 10512

Applicant (If different than owner):	Phone #: Fax#:	Email:

Applicant Address (If different than owner):
No. Street: Town: State: Zip:

Individual/ Firm Responsible for Preparing Site Plan: PUTNAM ENGINEERING PLLC	Phone #: 845 279 6789 Fax#: 845-279 6769	Email: plynch@putnameng.com

Address:
No. 4 Street: OLD ROUTE 6 Town: BREWSTER State: NY Zip: 10509

Other Representatives: WILLIAM A. SHILLING, JR., P.C.	Phone #: 845-225-7500 Fax#:	Email:

Owners Address:
No. 122 Street: OLD ROUTE 6 Town: CARMEL State: NY Zip: 10512

PROJECT DESCRIPTION

Describe the project, proposed use and operation thereof:
THE APPLICANT IS LOOKING TO CONSTRUCT ADDITIONAL INDOOR DOG RUN AREAS AND TO EXPAND THE OFFICE PORTION OF THE BUSINESS SO AS NOT TO BE LOCATED IN THE GARAGE OF THE HOME.

THE APPLICANT RECEIVED A USE VARIANCE FROM ZBA DATED 2/20/20, SIGNED 2/28/20

TOWN OF CARMEL SITE PLAN APPLICATION

PROJECT INFORMATION

Lot size: Acres: 1.487 Square Feet: 64,773	**Square footage of all existing structures (by floor):** 3,211 S.F.
# of existing parking spaces: 8	**# of proposed parking spaces:** -0-
# of existing dwelling units: 1	**# of proposed dwelling units** -0-

Is the site served by the following public utility infrastructure:

- **Is project in sewer district or will private septic system(s) be installed?** EXISTING SSTS
- **If yes to Sanitary Sewer answer the following:**

  - **Does approval exist to connect to sewer main? Yes: ☐ No: ☒**
  - **Is this an in-district connection? _____ Out-of district connection? _____**
  - **What is the total sewer capacity at time of application? _____**
  - **What is your anticipated average and maximum daily flow _____**

For Town of Carmel Town Engineer

- *What is the sewer capacity* NA RT 4/19/2021

- **Water Supply** ON SITE WELL **Yes: ☒ No: ☐**

  If Yes:
  - **Does approval exist to connect to water main? Yes: ☐ No: ☒**
  - **What is the total water capacity at time of application? _____**
  - **What is your anticipated average and maximum daily demand _____**
- **Storm Sewer** **Yes: ☐ No: ☒**
- **Electric Service** **Yes: ☒ No: ☐**
- **Gas Service** (PROPANE) **Yes: ☒ No: ☐**
- **Telephone/Cable Lines** **Yes: ☒ No: ☐**

For Town of Carmel Town Engineer

Water Flows NA RT 4/19/2021
Sewer Flows _____

_____
Town Engineer; Date

What is the predominant soil type(s) on the site? PAXTON	**What is the approximate depth to water table?** NO DEEP TESTS DUG.

Site slope categories:	**15-25%** 20 %	**25-35%** 10 %	**>35%** 10 %
Estimated quantity of excavation:	**Cut (C.Y.)** -0-	**Fill (C.Y.)** -0-	
Is Blasting Proposed	**Yes: ☐**	**No: ☒**	**Unknown: ☐**
Is the site located in a designated Critical Environmental Area?		**Yes: ☐**	**No: ☒**

Does a curb cut exist on the site? Yes: ☒ No: ☐	**Are new curb cuts proposed? Yes: ☐ No: ☒**	**What is the sight distance? Left** 500'+ **Right** 500'+

Is the site located within 500' of:

- **The boundary of an adjoining city, town or village** **Yes: ☐ No: ☒**
- **The boundary of a state or county park, recreation area or road right-of-way** **Yes: ☒ No: ☐**
- **A county drainage channel line.** **Yes: ☒ No: ☐**
- **The boundary of state or county owned land on which a building is located** **Yes: ☐ No: ☒**

TOWN OF CARMEL SITE PLAN APPLICATION

Is the site listed on the State or Federal Register of Historic Place (or substantially contiguous)
Yes: ☐ No: ☒

Is the site located in a designated floodplain?
Yes: ☐ No: ☒

Will the project require coverage under the Current NYSDEC Stormwater Regulations
Yes: ☐ No: ☒

Will the project require coverage under the Current NYCDEP Stormwater Regulations
Yes: ☐ No: ☒

Does the site disturb more than 5,000 sq ft Yes: ☐ No: ☒

Does the site disturb more than 1 acre Yes: ☐ No: ☒

Does the site contain freshwater wetlands?
Yes: ☐ No: ☒
Jurisdiction:
NYSDEC: ☐ Town of Carmel: ☐
If present, the wetlands must be delineated in the field by a Wetland Professional, and survey located on the Site Plan.
Are encroachments in regulated wetlands or wetland buffers proposed? Yes: ☐ No: ☒

SCAT says yes

Does this application require a referral to the Environmental Conservation Board? Yes: ☐ No: ☒

Does the site contain waterbodies, streams or watercourses? Yes: ☐ No: ☒

Are any encroachments, crossings or alterations proposed? Yes: ☐ No: ☒

Is the site located adjacent to New York City watershed lands? Yes: ☒ No: ☐

Is the project funded, partially or in total, by grants or loans from a public source?
Yes: ☐ No: ☒

Will municipal or private solid waste disposal be utilized?
Public: ☒ Private: ☐

Has this application been referred to the Fire Department? Yes: ☐ No: ☒

What is the estimated time of construction for the project?
N.A.

ZONING COMPLIANCE INFORMATION

Zoning Provision	Required	Existing	Proposed
Lot Area	120,000	64,773	64,773
Lot Coverage	15%	6%	7.7%
Lot Width	200	154.7	154.7
Lot Depth	200	416.5	416.5
Front Yard	40	110.3	110.3
Side Yard	25	26.6	25.0
Rear Yard	40	165.9	128.0
Minimum Required Floor Area			
Floor Area Ratio			
Height	35' MAX	< 35'	< 35
Off-Street Parking		8	8
Off-Street Loading			

TOWN OF CARMEL SITE PLAN APPLICATION

Will variances be required? Yes: ☒ No: ☐	If yes, identify variances: ① LOT WIDTH ② LOT AREA ③ ALLOW FOR THE CONTINUATION OF PRIE EXISTIN NON CONFORMING USE OF A KENNEL IN THE 'R' ZONE
PROPOSED BUILDING MATERIALS	
Foundation	CONCRETE
Structural System	WOOD FRAME
Roof	ASPHALT SHINGLE
Exterior Walls	VINYL SIDING

APPLICANTS ACKNOWLEDGEMENT

I hereby depose and certify that all the above statements and information, and all statements and information contained in the supporting documents and drawings attached hereto are true and correct.

STACY HIRSCH
Applicants Name

Stacy Hirsch
Applicants Signature

Sworn before me this 16th **day of** April **20**21

Notary Public

WILLIAM J LINDSAY
NOTARY PUBLIC-STATE OF NEW YORK
No. 01LI6356343
Qualified in Putnam County
My Commission Expires 03-27-2025

TOWN OF CARMEL
SITE PLAN COMPLETENSS CERTIFICATION FORM

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

This form shall be included with the site plan submission

	Requirement Data	To Be Completed by the Applicant	Waived by the Town
1	Name and title of person preparing the site plan	☒ ✓	☐
2	Name of the applicant and owner (if different from applicant)	☒ ✓	☐
3	Original drawing date, revision dates, scale and north arrow	☒ ✓	☐
4	Tax map, block and lot number(s), zoning district	☒ ✓	☐
5	All existing property lines, name of owner of each property within a 500' radius of the site	☒	☐
6	Contour lines at two-foot intervals, grades of all roads, driveways, sanitary and storm sewers	☒ ✓	☐
7	The location of all water bodies, streams, watercourses, wetland areas, wooded areas, rights-of-way, streets, roads, highways, railroads, buildings, structures	☒ ✓	☐
8	The location of all existing and proposed easements	☐ NA ✓	☐
9	The location of all existing and proposed structures, their use, setback dimensions, floor plans, front, side and rear elevations, buildable area.	☒ ✓ NO FLOOR PLANS NO ELEVATIONS	☐
10	On site circulation systems, access, egress ways and service roads, emergency service access and traffic mitigation measures	☒ ✓	☐
11	Sidewalks, paths and other means of pedestrian circulation	☒ ✓	☐
12	On-site parking and loading spaces and travel aisles with dimensions	☒ ✓	☐
13	~~The location, height and type~~ of exterior lighting fixtures	☒ ✓ NOTE 14	☐
14	Proposed signage	✓ ☒ NONE	☐
15	For non-residential uses, an estimate of the number of employees who will be using the site, description of the operation, types of products sold, types of machinery and equipment used	☒ ✓	☐

? 7, Neg. b/c

? need to show

TOWN OF CARMEL
SITE PLAN COMPLETENSS CERTIFICATION FORM

	Requirement Data	To Be Completed by the Applicant	Waived by the Town
16	The location of clubhouses, swimming pools, open spaces, parks or other recreational areas, and identification of who is responsible for maintenance	☐ NA	☐
17	The location and design of buffer areas, screening or other landscaping, including grading and water management. A comprehensive landscaping plan in accordance with the Tree Conservation Law	☐ EXISTING	☐
18	The location of public and private utilities, maintenance responsibilities, trash and garbage areas	☒	☐
19	A list, certified by the Town Assessor, of all property owners within 500 feet of the site boundary	☒ NOT CERTIFIED	☐
20	Any other information required by the Planning Board which is reasonably necessary to ascertain compliance with this chapter	☐	☐

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

I PAUL M. LYNCH **hereby certify that the site plan to which I have attached my seal and signature, meets all of the requirements of §156-61B of the Town of Carmel Zoning Ordinance:**

STATE OF NEW YORK
PAUL MICHAEL LYNCH
LICENSED PROFESSIONAL ENGINEER
057445

Stacy Hirsch — 4/16/21
Signature - Applicant **Date**

Stacy Hirsch — 4/16/21
Signature - Owner **Date**

Professionals Seal

TOWN OF CARMEL

SITE PLAN COMPLETENSS CERTIFICATION FORM

Town Certification (to be completed by the Town)

I _____ hereby confirm that the site plan meets all of the requirements of §156-61B of the Town of Carmel Zoning Ordinance:

Rose Tomaletta — **Signature - Planning Board Secretary**

5/4/21 — **Date**

Brad J. Hall — **Signature - Town Engineer**

5/4/2021 — **Date**

Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

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

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

Part 1 – Project and Sponsor Information

Name of Action or Project:
Hirsch Site Plan

Project Location (describe, and attach a location map):
311 Drewville Road, Carmel, New York 10512

Brief Description of Proposed Action:
This is an existing developed lot that contains a residence and a kennel on it. The action being undertaken is a combination of receiving Zoning Board Variances for lot width and lot area in order to proceed with the local Planning Board to receive Site Plan approval to construct additions to the building which will house indoor dog runs and office space.

Name of Applicant or Sponsor:	Telephone: 914 393 1255
Stacy Hirsch	E-Mail: stacyhirsch@hotmail.com

Address:
311 Drewville Road

City/PO:	State:	Zip Code:
Carmel	New York	10509

	NO	YES
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.	☑	☐
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval:	☑	☐

3. a. Total acreage of the site of the proposed action? 1.487 acres
   b. Total acreage to be physically disturbed? 0.037 acres
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 1.48 acres

4. Check all land uses that occur on, are adjoining or near the proposed action:

5. ☐ Urban ☑ Rural (non-agriculture) ☐ Industrial ☑ Commercial ☑ Residential (suburban)
   ☑ Forest ☐ Agriculture ☐ Aquatic ☑ Other(Specify): Resevoir
   ☐ Parkland

	NO	YES	N/A
5. Is the proposed action,			
a. A permitted use under the zoning regulations?	☐	☑	☐
b. Consistent with the adopted comprehensive plan?	☐	☑	☐

	NO	YES
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	☐	☑

	NO	YES
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?		
If Yes, identify: _____	☑	☐

	NO	YES
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	☑	☐
b. Are public transportation services available at or near the site of the proposed action?	☑	☐
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	☐	☑

	NO	YES
9. Does the proposed action meet or exceed the state energy code requirements?		
If the proposed action will exceed requirements, describe design features and technologies:	☑	☐

	NO	YES
10. Will the proposed action connect to an existing public/private water supply?		
If No, describe method for providing potable water:		
Existing on site well.	☑	☐

	NO	YES
11. Will the proposed action connect to existing wastewater utilities?		
If No, describe method for providing wastewater treatment:		
Existing on site septic treatment system	☑	☐

	NO	YES
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places?	☑	☐
b. 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?	☑	☐

	NO	YES
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	☐	☑
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?	☑	☐
If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____		

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:

☐ Shoreline ☐ Forest ☐ Agricultural/grasslands ☑ Early mid-successional

☐ Wetland ☐ Urban ☐ Suburban

	NO	YES
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered? Northern Long-eared Bat	☐	☑
16. Is the project site located in the 100-year flood plan?	☑	☐
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes,	☑	☐
a. Will storm water discharges flow to adjacent properties?	☐	☐
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe:	☐	☐
18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment:	☑	☐
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe:	☑	☐
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe:	☑	☐

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

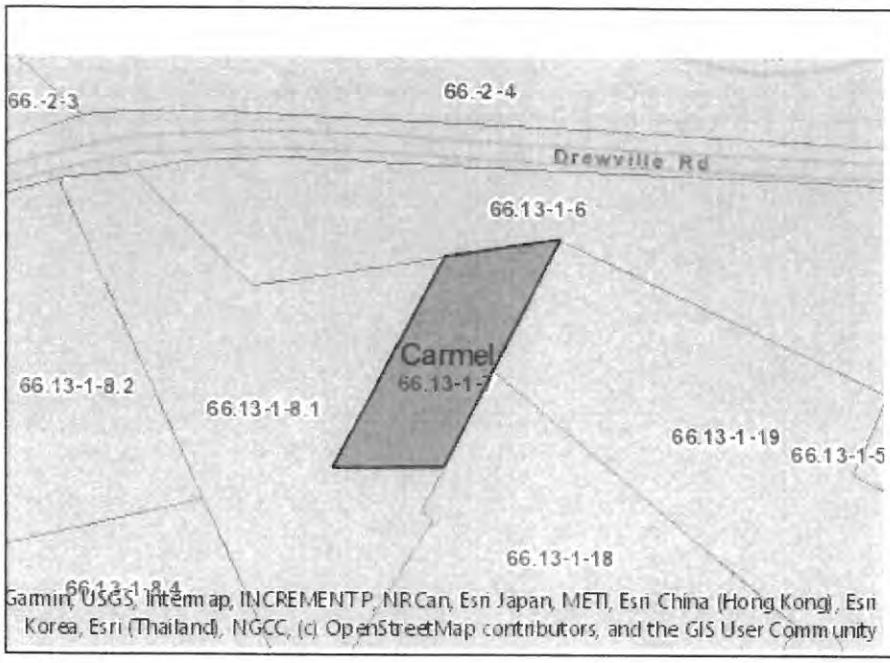
Applicant/sponsor/name: Paul M. Lynch Date: 4/27.2021

Signature: Title: Principal Engineer

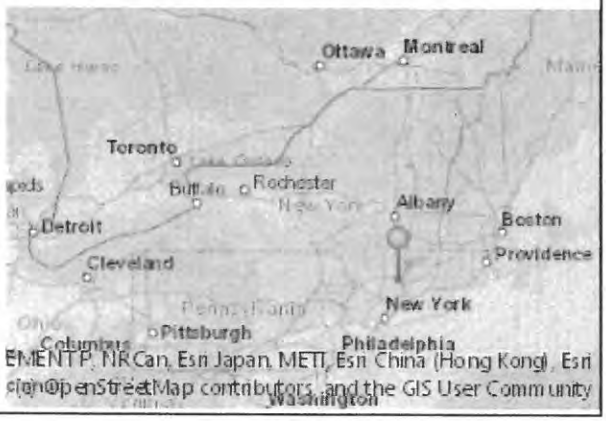
PRINT FORM

EAF Mapper Summary Report

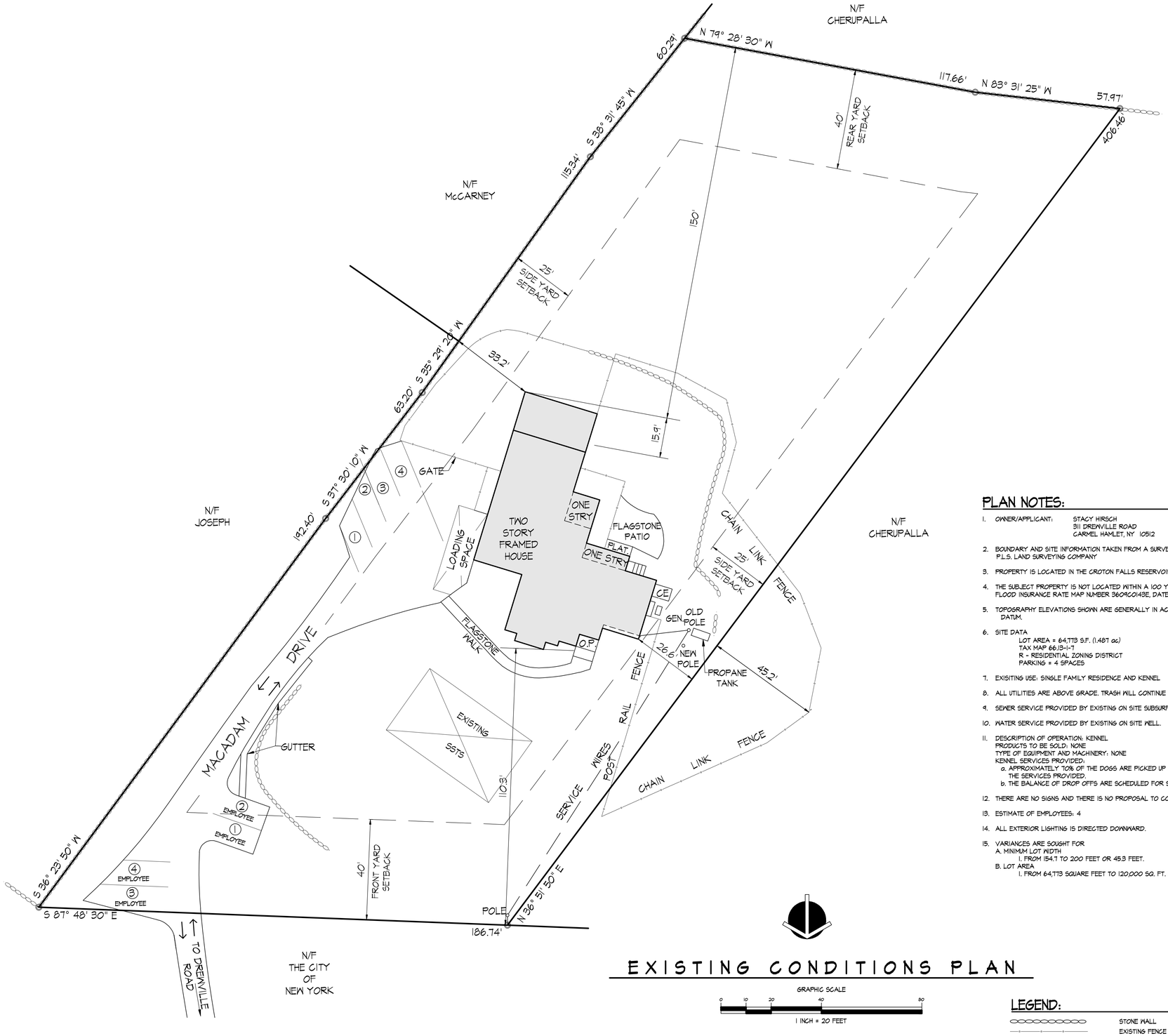
Tuesday, April 27, 2021 11:12 AM



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.



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



EXISTING CONDITIONS PLAN

GRAPHIC SCALE

0 10 20 40 80

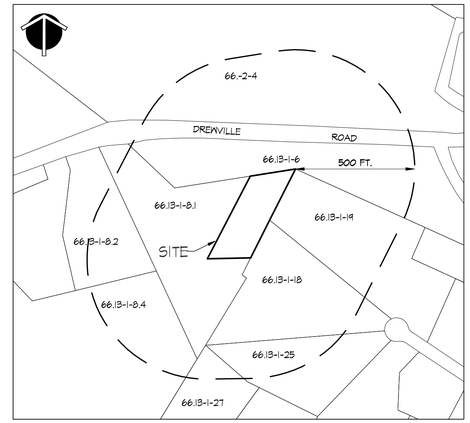
1 INCH = 20 FEET

PLAN NOTES:

1. OWNER/APPLICANT: STACY HIRSCH
   311 DREWVILLE ROAD
   CARMEL HAMLET, NY 10512
2. BOUNDARY AND SITE INFORMATION TAKEN FROM A SURVEY PREPARED BY DAVID L. ODELL P.L.S. LAND SURVEYING COMPANY
3. PROPERTY IS LOCATED IN THE CROTON FALLS RESERVOIR BASIN.
4. THE SUBJECT PROPERTY IS NOT LOCATED WITHIN A 100 YEAR FLOOD ZONE AS SHOWN ON FLOOD INSURANCE RATE MAP NUMBER 3604900143E, DATED 9/4/2013.
5. TOPOGRAPHY ELEVATIONS SHOWN ARE GENERALLY IN ACCORDANCE WITH NAVD 1988 DATUM.
6. SITE DATA
   LOT AREA = 64,713 S.F. (1.487 ac)
   TAX MAP 66.13-1-7
   R - RESIDENTIAL ZONING DISTRICT
   PARKING = 4 SPACES
7. EXISITING USE: SINGLE FAMILY RESIDENCE AND KENNEL
8. ALL UTILITIES ARE ABOVE GRADE. TRASH WILL CONTINUE TO BE PICKED UP.
9. SEWER SERVICE PROVIDED BY EXISTING ON SITE SUBSURFACE TREATMENT SYSTEM.
10. WATER SERVICE PROVIDED BY EXISTING ON SITE WELL.
11. DESCRIPTION OF OPERATION: KENNEL
    PRODUCTS TO BE SOLD: NONE
    TYPE OF EQUIPMENT AND MACHINERY: NONE
    KENNEL SERVICES PROVIDED:
    a. APPROXIMATELY 70% OF THE DOGS ARE PICKED UP AND DROPPED OFF AS PART OF THE SERVICES PROVIDED.
    b. THE BALANCE OF DROP OFFS ARE SCHEDULED FOR SPECIFIC TIMES
12. THERE ARE NO SIGNS AND THERE IS NO PROPOSAL TO CONSTRUCT A SIGN.
13. ESTIMATE OF EMPLOYEES: 4
14. ALL EXTERIOR LIGHTING IS DIRECTED DOWNWARD.
15. VARIANCES ARE SOUGHT FOR
    A. MINIMUM LOT WIDTH
       1. FROM 154.7 TO 200 FEET OR 45.3 FEET.
    B. LOT AREA
       1. FROM 64,713 SQUARE FEET TO 120,000 SQ. FT. OR 55,227 SQ. FT.

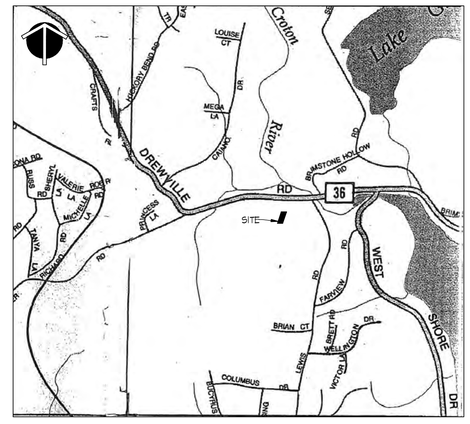
LEGEND:

STONE WALL
EXISTING FENCE



AREA MAP

SCALE: 1" = 300'



LOCATION MAP

SCALE: 1" = 500'

SCHEDULE of DISTRICT REGULATIONS:

R - RESIDENTIAL	REQUIRED	EXISTING	PROPOSED
MIN. LOT AREA *	120,000 SF	64,713 S.F.	64,713 S.F.
MIN. LOT WIDTH *	200 FT	154.70	154.70
MIN. LOT DEPTH	200 FT	416.53	416.53
MINIMUM YARDS / PRINCIPAL			
FRONT	40 FT	110.3	110.3
SIDE	25 FT	26.6	25.0
REAR	40 FT	165.9	128
MINIMUM YARDS / ACCESSORY			
FRONT	40 FT	> 110.3	> 110
SIDE	20 FT	33.2	25
REAR	20 FT	150.0	128
MAX. BLDG. HEIGHT	35 FT	< 35	< 35
MAX. LOT COVERAGE	15%	6%	7.7%

PROPERTIES WITHIN 500':

66.-2-4	City of New York	71 Smith Ave Kingston NY 12401
66.13-1-6	City of New York	71 Smith Ave Kingston NY 12401
66.13-1-18	Karen L McCarney & Patrick W McCarney	29 Brian Ct Carmel NY 10512
66.13-1-19	David Joseph & Kathie Ann Joseph	22 Brian Ct Carmel NY 10512
66.13-1-25	Jay Winik & Carolyn Winik	25 Brian Ct Carmel NY 10512
66.13-1-27	Jorge Pereira & Cassidi J Pereira	69 Hayley Hill Dr Carmel NY 10512
66.13-1-8.1	Shyam R Cherupalla & Jayashree S Cherupalla	243 Drewville Rd Carmel NY 10512
66.13-1-8.2	Juliette Faulkner Dubowitz	241 Drewville Rd Carmel NY 10512
66.13-1-8.4	William G Regan & Sandra H Regan	239 Drewville Rd Carmel NY 10512

PUTNAM ENGINEERING, PLLC
ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6789 FAX (845) 279-6769

PURSUANT TO NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209 SUBDIVISION 2, "IT IS A VIOLATION OF THIS LAW FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER IS ALTERED, THE ALTERING ENGINEER 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."

REVISIONS

NO.	DATE	DESCRIPTION
1	04 MAY 2021	PER T.E. COMMENTS

APPLICANT

PLAN PREPARED FOR:

STACY HIRSCH

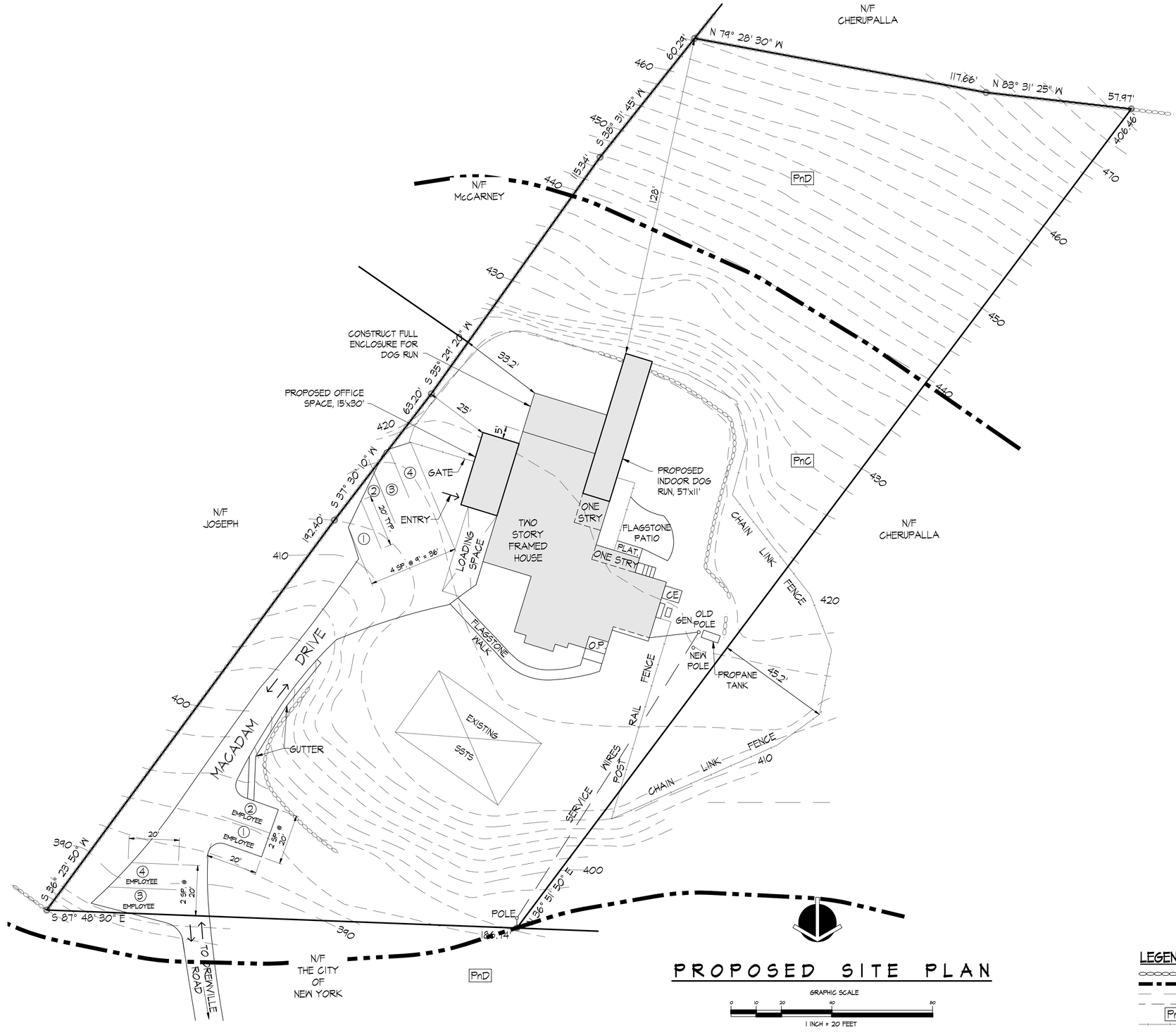
LOCATION

311 DREWVILLE ROAD, CARMEL, NY 10512
TOWN of CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP 66.13, BLOCK 1, LOT 7

DATE: 16 MAY 19
PROJECT MANAGER: PML
DRAWN BY: GS
CHECKED BY: PML
SCALE: AS NOTED

DRAWING: EXISTING SITE PLAN LAYOUT

PROJECT NUMBER: 8355
DRAWING NUMBER: S-1
SHEET 1 OF 2



PROPOSED SITE PLAN

GRAPHIC SCALE

0 10 20 40 80

1 INCH = 20 FEET

LEGEND:

- STONE WALL
- SOIL BOUNDARY
- EXISTING 10' COUNTOURS
- EXISTING 2' CONTOURS
- PnC — SOIL TYPE
- EXISTING FENCE

SOILS LEGEND

SOIL SYMBOL	SOIL GROUP	SOIL NAME
PnC	C	PAXTON FINE SANDY LOAM (8-15%)
PnD	C	PAXTON FINE SANDY LOAM (15-25%)

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REVISIONS

NO.	DATE	DESCRIPTION
1	04 MAY 2021	PER T.E. COMMENTS

APPLICANT

PLAN PREPARED FOR:

STACY HIRSCH

LOCATION

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TOWN of CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP 66.13, BLOCK 1, LOT 7

DATE	16 MAY 19
PROJECT MANAGER	PML
DRAWN BY	GS
CHECKED BY	PML
SCALE	AS NOTED

DRAWING: PROPOSED SITE PLAN

PROJECT NUMBER: 8355

DRAWING NUMBER: S-2

SHEET 2 OF 2

PUTNAM ENGINEERING, PLLC.
Engineers and Architects

April 28, 2021

Mr. Craig Paeprer, Chairman
Town of Carmel Planning Board
Carmel Town Hall
60 McAlpin Avenue
Mahopac, NY 10541

Re: Old Forge Estates
Extension of Preliminary Approval

Dear Chairman Paeprer and Members of the Board,

On behalf of my client I am requesting that we be placed on the May agenda in order to have our preliminary approval extended. The original approval was granted November 24, 2020 and is set to expire May 24, 2021.

In addition I request that condition # 8 of the 'Conditions Prior to Final Plat Approval' be amended to strike the phrase 'maintenance of the private road' as our intention and presentation has been to dedicate the road to the Town of Carmel. This phrase is currently causing issues regarding forming the Homeowners association as the attorneys preparing quotes are taking private road into their considerations and the estimates reflect this.

Sincerely,

PUTNAM ENGINEERING, PLLC

Paul M. Lynch, P.E.
PML/rrm

L1993