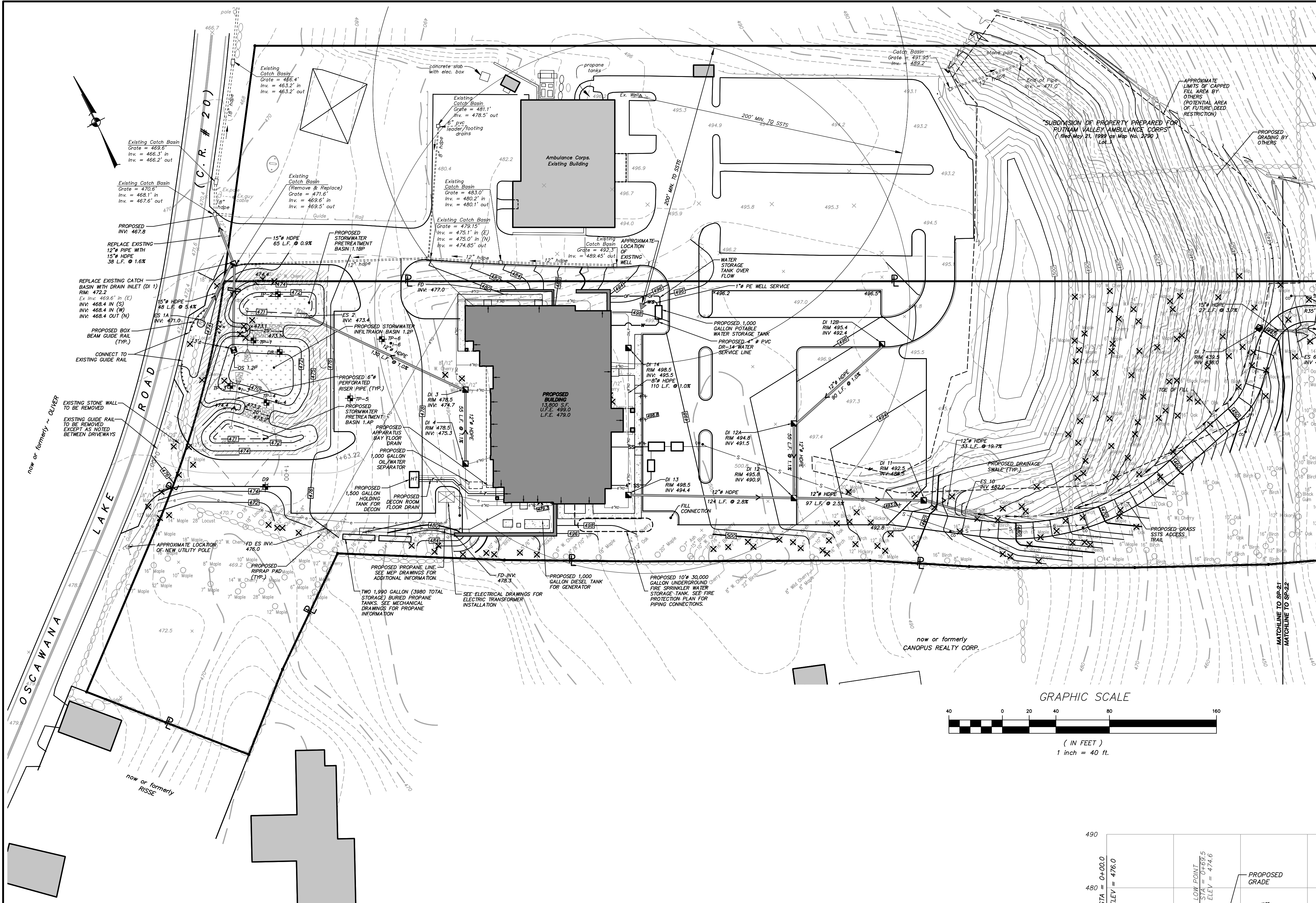




LEGEND

- Existing Property Line
- Existing Wetland Limit Line w/ Flag
- Existing Watercourse
- Wetland Control Line
- Existing Stonewall
- Existing Guide Rail
- Existing 10' Contour
- Existing 2' Contour
- Existing Spot Grade
- Existing Catch Basin
- Existing Pipe (sizes shown)
- Existing Utility Pole
- Existing Tree
- Existing Tree to be Removed
- Proposed 10' Contour
- Proposed 2' Contour
- Proposed Retaining Wall
- Proposed Wood Guide Rail
- Proposed Inlet Protection
- Proposed Drainage Pipe
- Proposed End Section
- Proposed Roof Drain
- Proposed Drainage Swale
- Proposed Sewer Service
- Proposed Buried Electrical Line

STORMWATER MANAGEMENT PRACTICE TESTING RESULTS

DEEP TEST TP1 THROUGH TP6 WERE PERFORMED ON SEPTEMBER 19, 2019 AND OBSERVED BY INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE.

NOTE: NO GROUNDWATER, MOTTLING, OR ROCK ENCOUNTERED UNLESS NOTED.

- TP-1: 0-8" Topsoil
8-64" Light Brown/Tan Silty Sand
(Rock @ 64")
- TP-2: 0-8" Topsoil
8-30" Light Brown Silty Sand
(Rock @ 30")
- TP-3: 0-12" Topsoil
12-72" Light Brown Silty Sand
- TP-4: 0-8" Topsoil
8-36" Tan Silty Sand
36-70" Brown Silty Sand
- TP-5: 0-8" Topsoil
8-70" Light Brown Silty Sand
(Rock @ 70")
- TP-6: 0-8" Topsoil
8-112" Light Brown/Tan Silty Sand
(Rock @ 112")

INFILTRATION TESTS WERE PERFORMED ON SEPTEMBER 26, 2019 BY INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE.

- I-3: 20 in/hr
I-4: 23 in/hr
I-6: 22 in/hr

FOR EXISTING TREES & TREES TO BE REMOVED, SEE TABLE ON DRAWING SP-2.2

FOR GENERAL NOTES SEE DRAWING SP-1

13	1-27-21	REVISED PER PCDHF COMMENTS	MEU
12	12-7-20	REVISED PER TOWN & PCDHF COMMENTS	JWM
11	9-16-20	REVISED FOR PCDHF SUBMISSION	JWM
10	8-13-20	ISSUED FOR BID	JWM
9	2-18-20	REVISED PER TOWN COMMENTS	GM
8	1-21-20	REVISED PER TOWN COMMENTS	GM
7	1-8-20	REVISED FOR ZBA SUBMISSION	GM
6	11-6-19	REVISED FOR ZBA SUBMISSION	GM
5	9-13-19	REVISED PER TOWN COMMENTS	MEU
4	07-29-19	REVISED FOR PLANNING BOARD SUBMISSION	KAM
3	12-4-17	GENERAL REVISION	MEU
2	02-24-17	REVISED FOR COORDINATED REVIEW	SJC
1	11-30-16	REVISED FOR TEAM REVIEW	MEU
NO.	DATE	REVISION	BY



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

PROJECT:
**PUTNAM VALLEY FIRE STATION #1
AND AMENDED SITE PLAN FOR
PUTNAM VALLEY AMBULANCE CORPS**
OSCAWANA LAKE ROAD, TOWN OF PUTNAM VALLEY, COUNTY OF PUTNAM, NEW YORK

DRAWING:
GRADING & UTILITIES PLAN

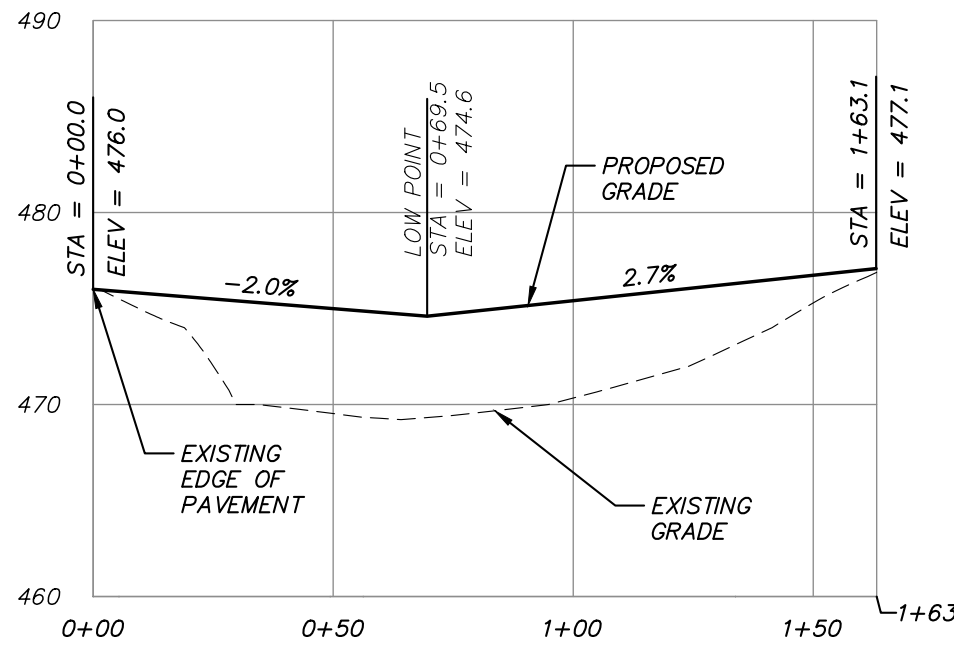
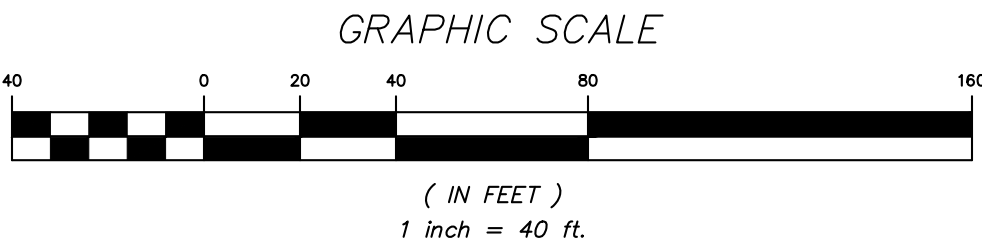
PROJECT NUMBER	09105.100	PROJECT MANAGER	J.J.C.	DRAWING NO.	SHEET
DATE	11-20-09	DRAWN BY	E.J.K.	SP-2.1	3
SCALE	1" = 40'	CHECKED BY	E.M.S.		11

PERMANENT STORMWATER FACILITIES MAINTENANCE SCHEDULE					
PRACTICE/FACILITY	MONTHLY	AFTER MAJOR STORM EVENTS	BI-ANNUALLY	YEARLY	EVERY 5 TO 10 YEARS
GRASS SWALES	-	-	Inspect & clean Mow & remove debris & litter. Revegetate as needed.	-	Inspect for & remove accumulated sediment
SUBSURFACE STORMWATER COLLECTION SYSTEMS	-	-	Inspect & clean	Inspect, clean, repair and/or replace structures. Remove debris.	-
STORMWATER BASINS	Inspect first few months after construction for eroding soils & slumpage & repair immediately	Inspect orifices, inlets & outlets for clogging, eroding soils on the basin berm & sources of erosion; & stabilize and/or repair immediately.	Mow berms and exterior embankments Remove debris & litter from basins & outlet structures.	-	Inspect for & remove accumulated sediment

Notes: The party responsible for implementation of the maintenance schedule during and after construction is:
Putnam Valley Volunteer Fire Department Inc.
Oscawana Lake Road
Putnam Valley, NY 10579
and/or the current owners of the subject property.

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF
SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

SEED MIXES	
	SEED MIX # 1 - Seed Mix for lawn areas, mow strip along roads and all other disturbed areas not receiving other forms of permanent stabilization or seed mix at a rate of 100 lbs. per acre: Kentucky Bluegrass 20% Creeping Red Fescue 40% Perennial Ryegrass 20% Annual Ryegrass 20%
	SEED MIX # 2 - For seeding cut and fill slopes along road and around parking area, for berms, backslopes and interior slopes of stormwater basins, to and all other disturbed areas not receiving other forms of permanent stabilization or seed mix, at a rate of 60 lbs/acre: Native Steep Slopes w/ Annual Rye Grass Seed Mix (ERNMX-181) from Ernst Conservation Seeds of Meadville, PA.
	SEED MIX #3 - For bottoms of stormwater basins and for interior slopes and aquatic bench of pocket pond stormwater management areas, at a rate of 30 lbs/acre: Retention Basin Floor Mix - Low Maintenance (ERNMX-126) from Ernst Conservation Seeds of Meadville, PA.



PROPOSED DRIVEWAY PROFILE

SCALE: HORIZ. 1" = 40'
VER. 1" = 10'

PUTNAM COUNTY HIGHWAY AND FACILITIES NOTE:

1. Prior to the start of any paving, the Putnam County Department of High and Facilities is to be notified and the sub-base is to be inspected to assure that the Item 4 is properly graded.