

GENERAL CONSTRUCTION SCHEDULE:

THE FOLLOWING SCHEDULE IS SUBJECT TO CHANGE BASED ON ENCOUNTERED FIELD CONDITIONS AND/OR THE CONTRACTOR'S MEANS AND METHODS OF CONSTRUCTION.

1. PREPARE THE SITE FOR CONSTRUCTION BY INSTALLING THE PRELIMINARY EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN.
2. CLEAR AND GRUB THE AREAS WITHIN THE LIMITS OF CONSTRUCTION.
3. MASS EARTHWORK AND DRAINAGE INSTALLATION ON THE SITE GENERALLY WITHIN THE PARKING AREA WITHIN THE LIMITS OF DISTURBANCE. UTILITIES TO INCLUDE STORMWATER CATCH BASINS, PIPING AND UNDERGROUND INFILTRATION BASIN.
4. INSTALL CURBING AND BRING PARKING/ROADWAY TO BINDER COURSE.
5. FINALIZE SITE LANDSCAPING AND INSTALL TOP ASPHALT COURSE.

GENERAL CONSTRUCTION NOTES:

1. ALL OTHER UTILITIES (TELEPHONE, ELECTRIC, GAS, CABLE, ETC.) SHALL BE INCORPORATED PRIOR TO CONSTRUCTION. ALL SUCH UTILITY DESIGNS SHALL BE DEVELOPED IN COOPERATION WITH THE RESPECTIVE UTILITY COMPANIES.
2. LIMITS OF UPDATED TOPOGRAPHICAL SURVEY AS PROVIDED BY TEC LAND SURVEYING BY FIELD SURVEY COMPLETED IN OCTOBER 2018. ALL AREAS SHOWN OUTSIDE OF THE LIMITS OF DISTURBANCE ARE SHOWN PER PREVIOUS DESIGN PLANS FOR THE MECHTRONICS SITE.
3. THE CONTRACTOR SHALL PERFORM A UTILITIES CALL-OUT PRIOR TO CONSTRUCTION TO VERIFY ALL UNDERGROUND UTILITY LOCATIONS BY CONTACTING UPFO @ 1-800-962-7962.
4. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND INVERTS OF ALL CATCH BASINS & STORM SEWER LINES, SANITARY MANHOLES & SEWER LINES, WATERLINES AND OTHER UNDERGROUND UTILITY LINES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOT ASSUME THAT ALL LOCATIONS AS SHOWN ON THE PLAN ARE CORRECT. INVESTIGATIVE TEST PITS MAY BE REQUIRED TO VERIFY LOCATIONS.
5. PIPE CONNECTIONS TO ALL CATCH BASINS SHALL BE MADE WATERTIGHT, WITH PARTICULAR ATTENTION BEING PAID TO CONNECTIONS LOCATED WITHIN 10 FEET OF SEWER MANS (AND SERVICE LATERALS).

INFILTRATION TEST TABLE:

INFILTRATION TESTS RESULTS ESTABLISHED ON 12/05/2018
ALL TESTS PRESOAKED 24 HOURS PRIOR

TEST ID	TEST HOLE BOTTOM ELEVATION	RESULTS
IT-1	212.5	13" PER HOUR; 6" PER HOUR; 4" PER HOUR

DEEP TEST HOLE TABLE:

DEEP TEST HOLE RESULTS ESTABLISHED ON 12/05/2018

TEST PIT ID	EX. ELEVATION	DESCRIPTION
DT-1	219.7	0"-6" TOPSOIL, 6"-24" SANDY-CLAY LOAM WITH GRAVEL, 24"-48" SANDY-CLAY LOAM WITH COBBLES, 48"-100" BROWN SILTY-CLAY LOAM WITH COBBLES; NO GROUNDWATER, NO MOTTLING, NO BEDROCK
DT-2	221.0	0"-6" TOPSOIL, 6"-30" SANDY-CLAY LOAM WITH GRAVEL, 30"-101" SILTY-CLAY LOAM WITH COBBLES; NO GROUNDWATER, NO MOTTLING, NO BEDROCK

GRADING PLAN
SCALE: 1" = 20'
GRAPHIC SCALE

20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

DRAWN BY: CMB
CHECKED BY: DGK

REVISIONS:

NO.	DATE	DESCRIPTION	BY
1	12/05/18	PER PLANNING BOARD COMMENTS	CMB
2	1/29/19	PER PLANNING BOARD COMMENTS	CMB
3	3/26/19	PER PLANNING BOARD COMMENTS	AG

REVISIONS:

NO.	DATE	DESCRIPTION	BY

Dig Safely. New York
800-962-7962
(It's the Law)
Call Before You Dig
Wait The Required Time
Confirm Utility Response
Respect the Marks
Be Safe Digging

HUDSON LAND DESIGN
PROFESSIONAL ENGINEERING P.C.
174 MAIN ST., BEACON, NEW YORK 12508
13 CHAMBERS ST., NEWBURGH, NEW YORK 12550
PH: 845-440-0637
F: 845-440-0637

SEAL

GRADING PLAN

511 FISHKILL AVENUE

511 FISHKILL AVENUE
CITY OF BEACON
DUTCHESS COUNTY, NEW YORK
TAX ID: 6055-04-386385

JOB #: 2018041
DATE: 11/27/18
SCALE: 1" = 20'
TITLE: GD-1
SHEET: 9 OF 13

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209.2 OF THE NEW YORK EDUCATION LAW