



EROSION AND SEDIMENT CONTROL PLAN
SCALE: 1" = 20'
GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

- ### EROSION AND SEDIMENT CONTROL NOTES
- ALL EROSION CONTROL MEASURES EMPLOYED DURING THE CONSTRUCTION PROCESS SHALL BE INSPECTED BY THE CONTRACTOR IN ACCORDANCE WITH THE MAINTENANCE SCHEDULE PROVIDED ON THIS SHEET. ALL EROSION CONTROL STRUCTURES SHALL BE REPAIRED AND MAINTAINED AS NECESSARY BY THE CONTRACTOR.
 - ALL STORMWATER MANAGEMENT STRUCTURES (E.G., SWALES, CULVERTS) SHALL BE REGULARLY INSPECTED FOR SEDIMENT ACCUMULATIONS. SEDIMENT AND TRASH SHALL BE REMOVED AS NECESSARY.
 - ALL EROSION CONTROL INSTALLATION AND MAINTENANCE MEASURES SHALL MEET THE REQUIREMENTS OF THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION CONTROL.
 - ANY PILE OF POTENTIALLY ERODIBLE MATERIAL TEMPORARILY STOCKPILED ON THE SITE DURING THE CONSTRUCTION PROCESS SHALL BE LOCATED IN AN AREA AWAY FROM STORM DRAINAGE AND SHALL BE PROPERLY PROTECTED FROM EROSION BY A SUBSIDIONED 12" FENCE.
 - PERMANENT SEEDER AREAS FOR EROSION CONTROL SHALL BE IN ACCORDANCE WITH DETAIL AND SPECIFICATIONS ON THE DETAIL SHEET.
 - AREAS UNDERGOING CLEARING OR GRADING AND WHERE WORK IS COMPLETED AND WILL NOT BE REVEGETATED FOR A PERIOD OF 21 DAYS OR MORE SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT VEGETATIVE COVER WITHIN 14 DAYS.
 - ON-SITE DUST CONTROL SHALL BE ACCOMPLISHED BY STANDARD METHODS OF LIGHTLY WATERING ALL EXPOSED SOIL AND RAPIDLY STABILIZING THE REVEGETATED AREAS WITH TOPSOIL, LOAM AND/OR SEEDING.
 - THE PROJECT OWNER SHALL BE NOTIFIED NO LESS THAN 48 HOURS PRIOR TO THE START OF ANY SITE WORK AND, BY SUCH NOTIFICATION, SHALL BE PROVIDED WITH THE NAME AND TELEPHONE NUMBER OF THE GENERAL CONTRACTOR RESPONSIBLE FOR SUCH WORK.
 - THE CITY MAY INSPECT EROSION AND SEDIMENT CONTROL PRACTICES ON THE SITE DURING CONSTRUCTION AND RECOMMEND THAT THE CONTRACTOR INSTALL ADDITIONAL EROSION CONTROL MEASURES IF DEEMED NECESSARY TO PROTECT ANY UNDISTURBED AREAS OF THE SITE. ANY SUCH REQUESTS SHALL BE SUBMITTED DIRECTLY TO THE CONTRACTOR AND FOLLOWED UP WITH A WRITTEN NOTIFICATION TO THE DEVELOPER. IN ADDITION, THE CITY SHALL BE CONSULTED ON ANY SPECIAL ADDITIONS OR DELETIONS OF EROSION CONTROL MEASURES INITIATED BY CHANGING THE SCOPE OF THE PROJECT OR ANY OTHER FACTORS THAT MAY AFFECT THE EROSION CONTROL MEASURES.
 - THE CONTRACTOR/OWNER SHALL MAINTAIN A RECORD OF ALL EROSION AND SEDIMENT CONTROL INSPECTION REPORTS AT THE SITE IN A LOG BOOK. THE SITE LOG BOOK SHALL BE MAINTAINED AT THE SITE AND BE MADE AVAILABLE TO THE PERMITTING AUTHORITY. THE OWNER/CONTRACTOR SHALL, ON A MONTHLY BASIS, POST AT THE SITE A SUMMARY OF THE SITE INSPECTION ACTIVITIES IN A PUBLICLY ACCESSIBLE LOCATION.
 - THE OWNER SHALL FILE A NO WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES AND A NOTICE OF TERMINATION (NOT) WITH THE NYSDEC FOLLOWING CONSTRUCTION ACTIVITIES.
 - IF GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT A DEWATERING PIT IN ACCORDANCE WITH NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (DWA SUMP PIT) TO FILTER WATER FOR PUMPING TO A SUITABLE LOCATION.
 - WHEN ALL DISTURBED AREAS ARE STABLE, ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED PER THE APPROVAL OF THE CITY AND QUALIFIED PROFESSIONAL.
 - UPON COMPLETION OF CONSTRUCTION, THE PARCEL OWNER(S) AND SUBSEQUENTLY THE HOMEOWNERS ASSOCIATION SHALL BE RESPONSIBLE FOR THE INSPECTION AND MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM. THE STORMWATER MANAGEMENT SYSTEM SHALL BE INSPECTED QUARTERLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT. THE OWNERS SHALL MAINTAIN A RECORD OF INSPECTION AND MAINTENANCE REPORTS AT THE SITE. REFER TO THE SWMP FOR INSPECTION REQUIREMENTS AND FUTURE MAINTENANCE.
 - UNDERGROUND INFILTRATION SYSTEM SHALL BE PROTECTED DURING CONSTRUCTION BY MEANS OF FLOORING INFILTRATION SYSTEM INLET PIPE AND INSTALLING EROSION AND SEDIMENT CONTROL MEASURES TO PLAN SPECIFICATIONS, PRIOR TO UNDERGROUND INFILTRATION SYSTEM CONNECTION TO STORMWATER CONVEYANCE. ALL DISTURBED AREAS SHALL BE STABILIZED TO PREVENT SEDIMENT LOOSE RUNOFF FROM ENTERING UNDERGROUND INFILTRATION SYSTEM.

- ### SOIL RESTORATION NOTES:
- THE CONTRACTOR SHALL EMPLOY SOIL RESTORATION TO ALL DISTURBED AREAS THAT WILL REMAIN LANDSCAPED.
 - FOR HEAVY TRAFFIC AREAS, FULL SOIL RESTORATION WILL BE REQUIRED. FULL SOIL RESTORATION CONSISTS OF USE OF A BULLDOZER WITH A DEEP RIPPER ATTACHED TO IT. THE RIPPER SHALL BE DONE TO A DEPTH OF 12"-24". COMPOST IS PLACED OVER THE RIPPED SOIL. THEN WORKED INTO THE SOIL WITH A DEEP SUB-SOILER.
 - FOR LIGHT TRAFFIC AREAS, SOIL RESTORATION MAY BE ACCOMPLISHED BY MEANS OF TILLING THE SOIL WITH A DISK TYPE TILLER PULLED BY A TRACTOR OR PLACEMENT OF TOPSOIL OVER THE EXISTING SOIL A.O.B.E..

- ### PHASING:
- SCHEDULE A PRE-CONSTRUCTION MEETING WHICH SHALL INCLUDE THE CITY ENGINEER, OWNER OR OWNER'S REPRESENTATIVE, PROJECT ENGINEER, CONTRACTOR AND SUBCONTRACTORS (IF NECESSARY) WHO ARE TO PERFORM THE CONSTRUCTION.
 - ESTABLISH THE LIMIT OF DISTURBANCE FOR PROPOSED CLEARING AND GRADING ASSOCIATED WITH THE PROPOSED PARKING AREAS AND STORMWATER MANAGEMENT AREA.
 - INSTALL STABILIZED CONSTRUCTION ENTRANCE AS DEPICTED ON THE PLAN.
 - CLEAR LOCATIONS FOR INSTALLATION OF PROPOSED EROSION AND SEDIMENT CONTROL MEASURES.
 - INSTALL SILT FENCE AS SHOWN ON THIS PLAN AND IN OTHER AREAS THAT BECOME APPROPRIATE FOLLOWING CLEARING ACTIVITIES.
 - PRIOR TO FURTHER CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER TO CONDUCT A PRE-CONSTRUCTION SITE ASSESSMENT TO VERIFY THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROLS SHOWN ON THIS PLAN HAVE BEEN ADEQUATELY INSTALLED ENSURING OVERALL PREPAREDNESS OF THIS SITE FOR THE COMMENCEMENT OF CONSTRUCTION.
 - COMMENCE MASS GRADING ACTIVITIES ON PROJECT AREA.
 - INSTALL UNDERGROUND DETENTION SYSTEM. INSTALL SILT FENCE SURROUNDING UNDERGROUND DETENTION FOOTPRINT. USE ORANGE CONSTRUCTION FENCE IN ADDITION TO THE SILT FENCE IF NECESSARY.
 - CONSTRUCT CURBING AND PARKING AREAS TO BINDER COURSE.
 - TILL SOIL IN ALL LANDSCAPED AREAS THAT HAVE PREVIOUSLY BEEN DISTURBED.
 - INSTALL ALL PROPOSED LANDSCAPING.
 - PAVE TOP COURSE ON PARKING AREAS.
 - REMOVE EROSION AND SEDIMENT CONTROLS WHEN CONTRIBUTING DRAINAGE AREAS HAVE BECOME STABILIZED.
- GENERAL NOTE: EROSION CONTROL MEASURES SHALL BE INSPECTED AND REPAIRED AS NEEDED DURING CONSTRUCTION ACTIVITIES AND BASED ON THE MAINTENANCE SCHEDULE. ADDITIONAL EROSION CONTROL MEASURES BASED ON SITE CONDITIONS SHALL BE PROVIDED AS NECESSARY IN ORDER TO PROTECT ADJACENT PARCELS AND WATERS.

- ### INSPECTION SCHEDULE & MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES
- PERMANENT AND TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED DURING CONSTRUCTION ACTIVITIES. INSPECT ALL AREAS THAT HAVE RECEIVED VEGETATION EVERY SEVEN DAYS AND AFTER EVERY STORM EVENT WITH RAINFALL THAT EQUALS OR EXCEEDS 0.5 INCH. ALL AREAS DAMAGED BY EROSION OR WHERE SEED HAS NOT ESTABLISHED SHALL BE REPAIRED AND REVEGETATED IMMEDIATELY.
- STABILIZED CONSTRUCTION ENTRANCE:
INSPECT THE ENTRANCE PAD EVERY SEVEN DAYS AND AFTER EVERY STORM EVENT WITH RAINFALL THAT EQUALS OR EXCEEDS 0.5 INCH. CHECK FOR MUD, SEDIMENT BUILD-UP AND PAD INTEGRITY. MAKE ADJUSTMENTS DURING WEATHER. REPAIR PAD AS NEEDED FOR RUNOFF CONTROL. WASH AND REPLACE STONE AS NEEDED. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF SITE BY VEHICLES. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKS OR WASHED ONLY PUBLIC ROADS BY BRUSHING OR SWEEPING. REMOVE TEMPORARY CONSTRUCTION ENTRANCE AS SOON AS THEY ARE NO LONGER NEEDED TO PROVIDE ACCESS TO THE SITE AS DIRECTED BY PROJECT ENGINEER.
- SILT FENCE:
INSPECT FOR DAMAGE EVERY SEVEN DAYS AND AFTER EVERY STORM EVENT WITH RAINFALL THAT EQUALS OR EXCEEDS 0.5 INCH. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE FENCE BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO ONE-QUARTER THE HEIGHT OF THE FENCE. IF FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF FENCE IMMEDIATELY.
- SOIL STOCKPILE:
INSPECT SEDIMENT CONTROL BARRIERS (SILT FENCE) AND VEGETATION FOR DAMAGE EVERY SEVEN DAYS AND AFTER EVERY STORM EVENT WITH RAINFALL THAT EQUALS OR EXCEEDS 0.5 INCH. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE SEDIMENT CONTROL BARRIER BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO ONE-QUARTER THE HEIGHT OF THE SEDIMENT CONTROL BARRIER. IF SEDIMENT CONTROL BARRIER TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF SEDIMENT CONTROL BARRIER IMMEDIATELY. REVEGETATE DISTURBED AREA TO STABILIZE SOIL STOCKPILE. REMOVE THE SEDIMENT CONTROL BARRIER WHEN THE SOIL STOCKPILE HAS BEEN REMOVED.
- DUST CONTROL:
SCHEDULE CONSTRUCTION OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED AREAS AT ANY ONE TIME DURING THE COURSE OF WORKS. APPLY TEMPORARY SOIL STABILIZATION PRACTICES SUCH AS MULCHING, SEEDING, AND SPRAYING (WHICH, STRUCTURAL MEASURES (WALCH, SEEDING) SHALL BE INSTALLED IN DISTURBED AREAS BEFORE SIGNIFICANT BLOWING PROBLEMS DEVELOP. WATER SHALL BE SPRAYED AS NEEDED, REPEAT AS NEEDED, BUT AVOID EXCESSIVE SPRAYING, WHICH COULD CREATE RUNOFF AND EROSION PROBLEMS.
- DEWATERING PITS:
(IF REQUIRED) - INSPECT ONLY DURING OPERATION FOR CLOGGING OR OVERFLOW. CLEAR INLET AND DISCHARGE PIPES OF OBSTRUCTIONS. IF A FILTER MATERIAL BECOMES CLOGGED WITH SEDIMENT, PITS SHALL BE Dismantled AND NEW PITS SHALL BE CONSTRUCTED AS NEEDED.
- CATCH BASINS:
ALL CATCH BASINS SHALL BE INSPECTED AFTER EACH STORM EVENT FOR SEDIMENT ACCUMULATION, AND DEBRIS, AND REMOVE AS NECESSARY. THE INLET PROTECTION SHALL BE INSPECTED FOR SEDIMENT ACCUMULATION AND REPLACED AS NECESSARY. WHEN SEDIMENT ACCUMULATION WITHIN THE CATCH BASIN SUMP REACHES 1/2 OF THE SUMP DEPTH, IT SHALL BE REMOVED.

JOB #		DATE		SCALE		TITLE		SHEET	
2016041		11/27/18		1" = 20'		EC-1		10 OF 13	
<div>EROSION AND SEDIMENT CONTROL PLAN</div> <div>511 FISHKILL AVENUE</div> <div>511 FISHKILL AVENUE CITY OF BEACON DUTCHESS COUNTY, NEW YORK TAX ID: 6650-04-560265</div>									<div>UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7509.2 OF THE NEW YORK EDUCATION LAW</div>

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NO.	DATE	BY	NO.
1	12/27/18	CMB	
2	1/29/19		

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