

NEW YORK SOIL EROSION AND SEDIMENT CONTROL NOTES

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL DATED AUGUST 2005 AND THE SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (PERMIT NO. GP-0-10-001).
- IN ACCORDANCE WITH PART I.L.C.3 OF GP-0-10-001, THE CONSTRUCTION WILL DISTURB NO GREATER THAN FIVE (5) ACRES OF SOIL AT ANY TIME. THE TOTAL PROJECT PROPOSES A MAXIMUM DISTURBED AREA OF APPROX 15.9 ACRES. THESE 5-ACRE AREAS MUST BE STABILIZED PRIOR TO DISTURBING ADDITIONAL ACREAGE.
- CONSTRUCTION SHALL BE SEQUENCED IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE NOTES.
- ANY DISTURBED AREAS THAT ARE LEFT EXPOSED MORE THAN 14 DAYS, AND ARE NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL. THE SEEDING WILL BE DONE IN ACCORDANCE WITH STANDARDS AS FOLLOWS:
 - FERTILIZER: FERTILIZER SHALL BE APPLIED AT THE RATE OF 14-LBS/1000 S.F. OR 600 LBS./ACRE, USING 5-10-10 OR EQUIVALENT.
 - SEED: ANNUAL RYEGRASS APPLIED AT THE RATE OF 30 LBS./ACRE, OR OTHER SELECT MIXTURE DESCRIBED IN THE STANDARDS.
 - MULCH: SMALL GRAIN STRAW MULCH APPLIED AT A RATE OF 90-LBS/1000 S.F. OR 2 TONS/ACRE, TO BE APPLIED AND ANCHORED ACCORDING TO THE STANDARDS.
- ANY GRADED AREAS NOT SUBJECT TO FURTHER DISTURBANCE OR CONSTRUCTION TRAFFIC SHALL WITHIN 10 DAYS OF FINAL GRADING, RECEIVE PERMANENT VEGETATIVE COVER IN COMBINATION WITH SUITABLE MULCH AS FOLLOWS:
 - FERTILIZER: FERTILIZER APPLIED AT THE RATE OF 20-LBS/1000 S.F. USING 5-10-10 OR EQUIVALENT. FERTILIZER SHALL BE PLANTED BETWEEN APRIL 1 AND MAY 15, OR BETWEEN AUGUST 15 AND OCTOBER 15.
 - SEED MIXTURE: TO BE PLANTED BETWEEN APRIL 1 AND MAY 15, OR BETWEEN AUGUST 15 AND OCTOBER 15.
 - MULCH: SMALL GRAIN STRAW MULCH APPLIED AT A RATE OF 90-LBS/1000 S.F. OR 2 TONS/ACRE, TO BE APPLIED AND ANCHORED ACCORDING TO THE STANDARDS.
- CUT OR FILL SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
- PAVED ROADWAYS SHALL BE KEPT CLEAN AT ALL TIMES.
- THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- ALL STORM DRAINAGE OUTLETS SHALL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- CONSTRUCTION FENCING SHALL BE USED TO PROTECT EXISTING TREES TO REMAIN, WETLANDS AND OTHER SENSITIVE AREAS.
- IF FOR ANY REASON THE CONSTRUCTION IS HALTED FOR PROTRACTED PERIODS, THE CONTRACTOR SHALL STABILIZE THE SELECT MATERIAL BY HYDRO-SEED OR OTHER MEANS, TO THE SATISFACTION OF THE ENGINEER FOR ALL AREAS DENUDE OF VEGETATION.
- STORM WATER FROM DISTURBED AREAS MUST BE PASSED THROUGH A HAY BALE BARRIER OR OTHER CONTROL DEVICE BEFORE BEING DISCHARGED BEYOND DISTURBED AREAS OR DISCHARGED INTO INLETS OR OTHER DRAINAGE SYSTEMS.
- DUST CONTROL - WATER SHALL BE APPLIED BY SPRINKLER OR WATER TRUCK DURING GRADING OPERATIONS TO MINIMIZE SEDIMENT TRANSPORT AND MAINTAIN ACCEPTABLE AIR QUALITY CONDITIONS. RESPECTIVE TREATMENTS SHALL BE DONE AS NEEDED UNTIL GRADES ARE STABILIZED.
- THE CONTRACTOR SHALL INSPECT THE EFFECTIVENESS AND CONDITION OF EROSION CONTROL DEVICES DURING STORM EVENTS, AFTER EACH RAINFALL OF ONE-HALF (1/2) INCH MAGNITUDE OR GREATER, PRIOR TO WEEKENDS AND PRIOR TO FORECASTED STORM EVENTS.
- THE CONTRACTOR SHALL REPAIR OR REPLACE DAMAGED EROSION CONTROL DEVICES IMMEDIATELY, AND IN NO CASE, MORE THAN TWENTY FOUR (24) HOURS AFTER OBSERVING SUCH DEFICIENCIES.
- THE CONTRACTOR SHALL BE PREPARED TO IMPLEMENT INTERIM DRAINAGE CONTROLS AND EROSION CONTROL MEASURES AS MAY BE NECESSARY DURING THE COURSE OF CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE AVAILABLE ONSITE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY TO EFFECT EMERGENCY EROSION CONTROL AND DRAINAGE IMPROVEMENTS WITHIN TWENTY FOUR (24) HOURS OF ANY IMPENDING EMERGENCY SITUATION.
- ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL FINAL ACCEPTANCE OF THE SITE WORK BY THE OWNER. UPON CERTIFICATION OF FINAL ACCEPTANCE, THE OWNER WILL ASSUME RESPONSIBILITY FOR THE CONTINUED MAINTENANCE OF PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.
- THE TOWN OF YORKTOWN, NYSDCE, NYCDEP OR THE SITE ENGINEER MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE THE POTENTIAL FOR ONSITE OR OFFSITE EROSION PROBLEMS THAT MAY OCCUR DURING CONSTRUCTION.

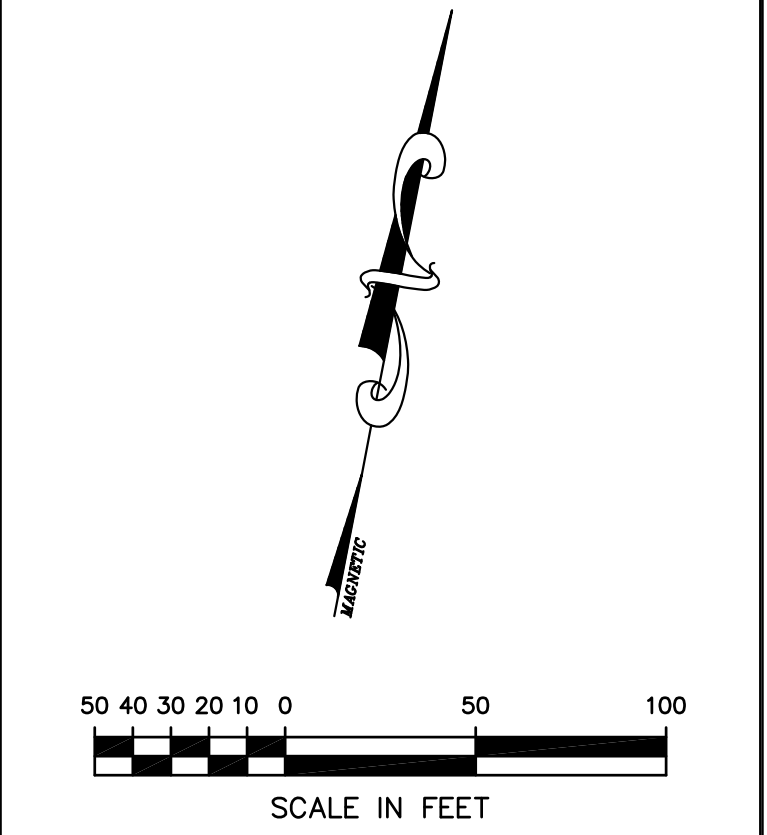
CONSTRUCTION SEQUENCE NOTES

- WETLANDS**
CONTRACTOR TO PROTECT EXISTING WETLANDS BY INSTALLING CONSTRUCTION FENCING TO THE LIMITS SHOWN ON THE PLAN TO PREVENT DISRUPTION AND ACCESS TO THE WETLANDS.
- STAGING AREA SET-UP**
INSTALL SEDIMENT BARRIERS IN DISTURBED AREAS. STABILIZE CONSTRUCTION ACCESS ROAD AND ERECT PROTECTIVE FENCING AROUND TREES AND BUFFER AREAS. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.
- DEMOLITION, CLEARING AND GRUBBING, TOPSOIL STRIPPING AND STOCKPILING**
INSTALL SEDIMENT BARRIERS IN DISTURBED AREAS. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.
- ROUGH GRADING AND RETAINING WALL INSTALLATION**
INSTALL TEMPORARY DIVERSIONS AND STONE SEDIMENT TRAPS. ESTABLISH TEMPORARY VEGETATIVE COVER ON DISTURBED AREAS AS REQUIRED AND PERMANENT VEGETATIVE COVER IN AREAS OF NO FURTHER DISTURBANCE. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.
- BUILDING PAD ESTABLISHMENT, UTILITY INSTALLATION, STORM SEWER, WATER, SANITARY SEWER, ELECTRICAL**
MAINTAIN TEMPORARY DIVERSIONS AND STONE SEDIMENT TRAPS UNTIL STORM INLET SEDIMENT TRAPS ARE ESTABLISHED. INSTALL INLET AND OUTLET PROTECTION AT DRAINS. ESTABLISH TEMPORARY VEGETATIVE COVER IN DISTURBED AREAS AS REQUIRED. ESTABLISH PERMANENT VEGETATIVE COVER IN DRAINAGE CHANNELS AND AREAS OF NO FURTHER DISTURBANCE. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.
- ROADWAY GRADING AND CONSTRUCTION, FRINGE AND BUFFER AREA LANDSCAPE INSTALLATION**
INSTALL SEDIMENT BARRIERS IN DISTURBED AREAS. ESTABLISH PERMANENT VEGETATIVE COVER IN AREAS OF NO FURTHER DISTURBANCE. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.
- FINE GRADING**
ESTABLISH PERMANENT VEGETATIVE COVER IN AREAS OF NO FURTHER DISTURBANCE. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.
- MISCELLANEOUS SITE WORK INSTALLATION (LIGHTING, SITE FURNISHINGS): BUILDING AND ROADWAY VICINITY LANDSCAPE INSTALLATION**
ESTABLISH PERMANENT VEGETATIVE COVER IN REMAINING DISTURBED AREAS AND IN TEMPORARY VEGETATIVE COVER AREAS. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.
- CLEAN-UP**
REMOVE SEDIMENT BARRIERS AFTER ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.
- SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED BEFORE THE START OF EARTHWORK WHEREVER POSSIBLE, OR AS SOON AS THE SEQUENCE OF CONSTRUCTION PERMITS.

NO.	REVISION	DATE
1	Submitted with DEIS	8/03/12
2	Issued as part of DEIS Acceptance	9/06/12

EROSION CONTROL LEGEND

- STABILIZED CONSTRUCTION ENTRANCE
- INLET FILTER
- SILT FENCE/SEDIMENT BARRIER
- CONSTRUCTION FENCE
- ENERGY DISSIPATOR
- TOPSOIL STOCKPILE
- WOVEN EROSION CONTROL MAT FOR SLOPES GREATER THAN 2:1



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Applicant: Retail Store Construction Co., Inc.
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UNDER ARTICLE 145 (ENGINEERING), SECTION 2209 (2) OF THE NEW YORK STATE EDUCATION LAW, IT IS UNLAWFUL FOR ANY PERSON TO ALTER ANY ITEM ON THIS DRAWING, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IF ANY ITEM 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.

COSTCO WHOLESALE
U.S. Route 202 / N.Y. Route 35
Yorktown, New York

TITLE:
EROSION CONTROL PLAN

SCALE: 1"=50'
DATE: 11/16/11
DRAWN BY: JLM
CHECKED BY: TDH
PROJECT: 165213
DRAWING NO.:

C-401