

SOIL EROSION & SEDIMENT CONTROL NOTES:

ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.

ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 1 WORKDAY, AND 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, AT A RATE OF 2 TONS PER ACRE, ACCORDING TO STATE STANDARDS.

PERMANENT VEGETATION TO BE SEEDING OR SODDED ON ALL EXPOSED AREAS WITHIN 1 DAY AFTER FINAL GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.

ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW YORK.

A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUB-BASE SHALL BE INSTALLED WITHIN 1 DAY OF THE PRELIMINARY GRADING.

IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF 2 TONS PER ACRE, ACCORDING TO STATE STANDARDS.

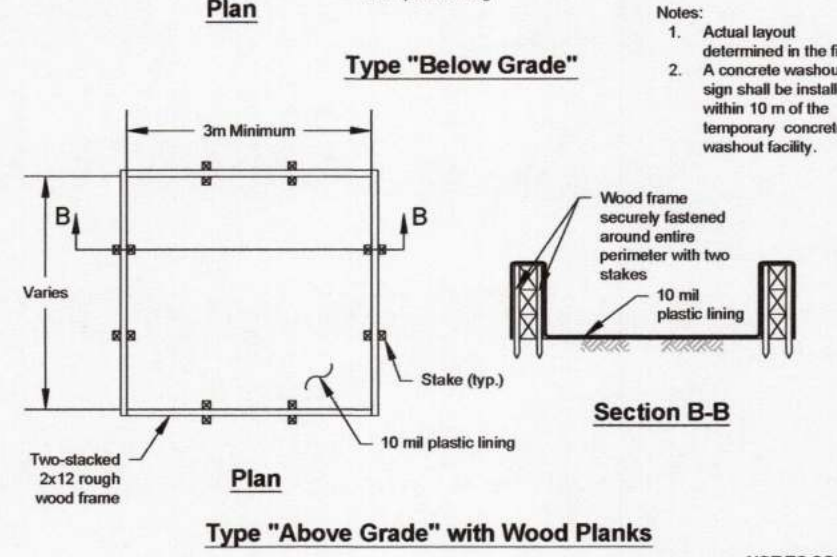
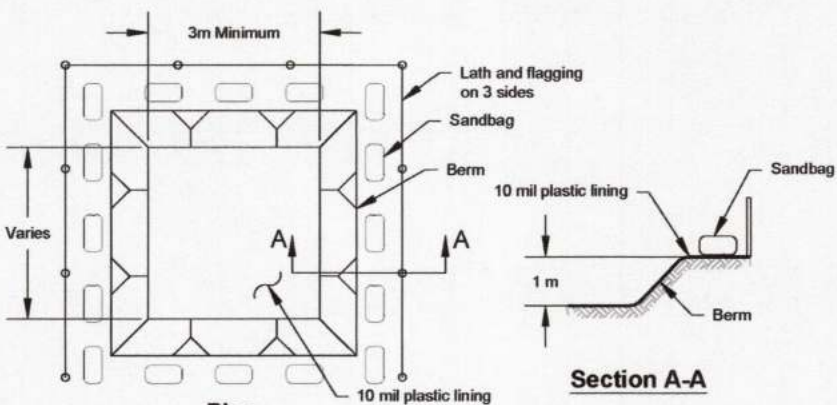
IN ACCORDANCE WITH THE STANDARD FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION, ANY SOIL HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A PH OF 5 OR MORE, AND NO IRON SULFIDE PRIOR TO SEEDBED PREPARATION.

AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN A WAY THAT WILL PERMANENTLY ADJUST THE CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.

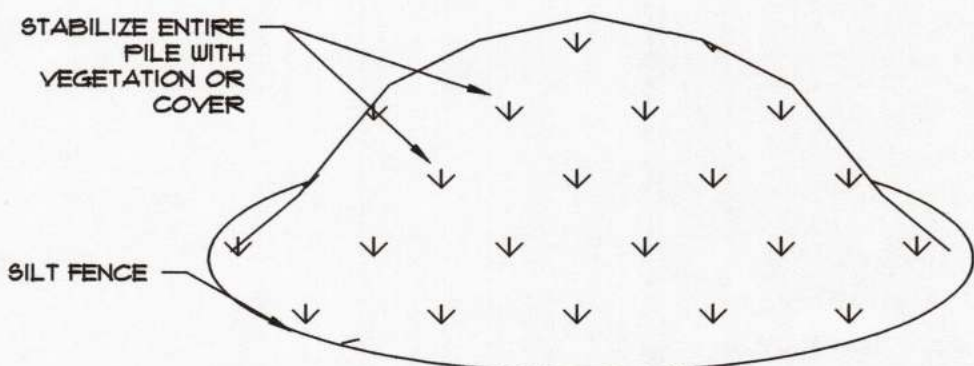
- TOTAL SITE AREA: 11686 SF.
- AREA OF DISTURBANCE: 15,934 SF.
- NO STORMWATER DISCHARGES ARE SHOWN ON THE PLAN.
- DURING CONSTRUCTION A GARBAGE DUMPSTER WILL BE ON THE SITE AND CLEAN UP WILL BE CONDUCTED AT THE END OF EACH WORK DAY.
- SOIL DESCRIPTION: DUB (DUTCHESS-CARDIGAN COMPLEX, UNULATING, ROCKY) 100%.
- INSPECTIONS TO BE PERFORMED EACH WEEK, AND AFTER 1/2' OF RAINFALL BY A QUALIFIED LICENSED PROFESSIONAL ENGINEER OR REGISTERED LANDSCAPE ARCHITECT.

CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 100 FEET.
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACED ONTO PUBLIC RIGHTS-OF WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
- AREA OF DISTURBANCE: 16263 SQFT (37 ACRES)



CONCRETE WASHOUT BOX DETAILS

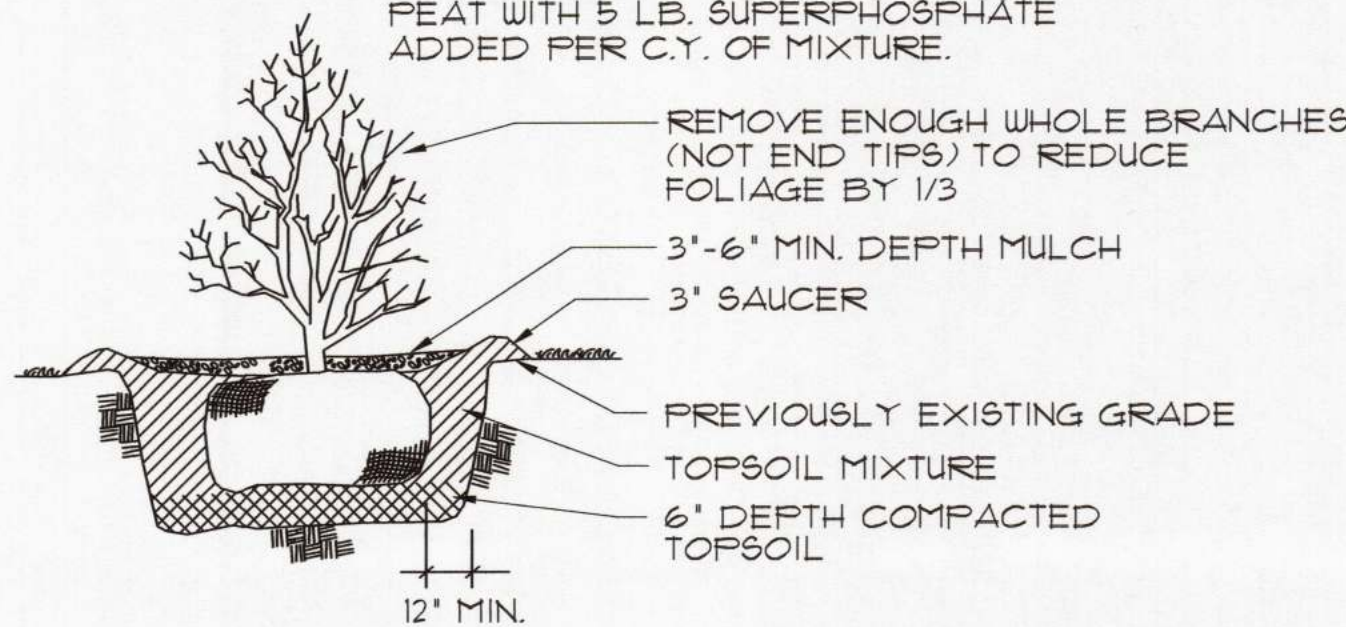


- MIN. SLOPE
- NOTES:
- ALL ITEMS SHOWN ABOVE ARE INCIDENTAL TO SILT FENCE DETAIL UNLESS OTHERWISE NOTED, INCLUDING PERIODIC MAINTENANCE AND INSPECTION FOLLOWING RAIN EVENTS.
 - AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE STABLE.
 - MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
 - UPON COMPLETION OF SOIL STOCKPILING, EACH FILE SHALL BE SURROUNDED WITH EITHER SILT FENCING AND THEN STABILIZED WITH VEGETATION OR COVERED.

TOPSOIL STOCKPILE DETAIL

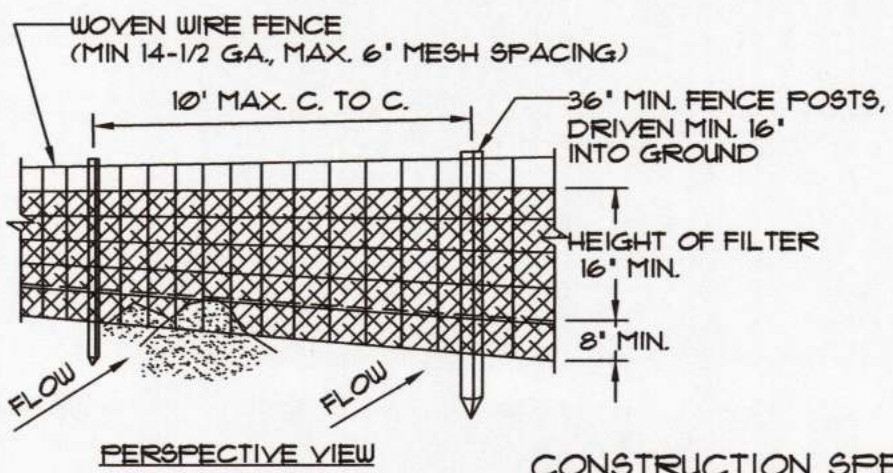
SEQUENCE OF SITE CONSTRUCTION:

- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- CLEAR AND REMOVE BRUSH WITHIN LIMITS OF DISTURBANCE ONLY.
- CONSTRUCT SILT FENCE.
- STRIP AND STOCKPILE TOPSOIL IF NECESSARY.
- APPLY TEMPORARY SEEDING MIXTURE TO ALL EXCAVATED AREAS OF THE SITE AS REQUIRED AT THE END OF EACH WORK DAY.
- MULCH SEEDER AREAS AS REQUIRED AT THE END OF EACH WORK DAY.
- CONSTRUCT AGGREGATE BASE COURSE.
- INSTALL STONE SURFACE COURSE.
- REMOVE SILT FENCES, APPLY PERMANENT SEEDING MIXTURE.
- CONTACT CHARLES MAY AT 845/896-2747, OR CONCERNING COMPLIANCE WITH THE IMPLEMENTATION OF SOIL AND EROSION CONTROL DEVICES.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED BY WAPPINGER FALLS CODE ENFORCEMENT OFFICER.
- MIDDLEBUSH ROAD MUST BE KEPT CLEAN AT ALL TIMES.



SHRUB PLANTING DETAIL

| PLANT LIST | | | | | |
|------------|-----|--------------------|-------------------|-------|---------|
| KEY | QTY | SCIENTIFIC NAME | COMMON NAME | SIZE | REMARKS |
| CS | 5 | CORNUS STOLONIFERA | RED-OSIER DOGWOOD | 2'-5" | 5'45 |



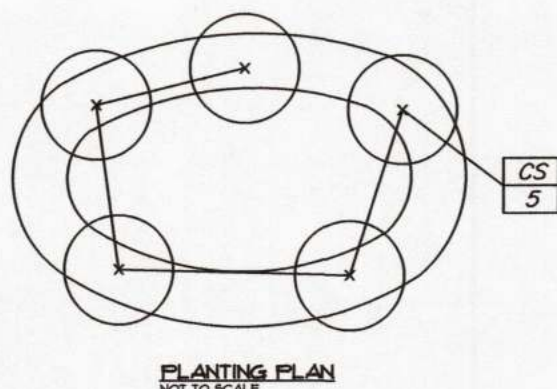
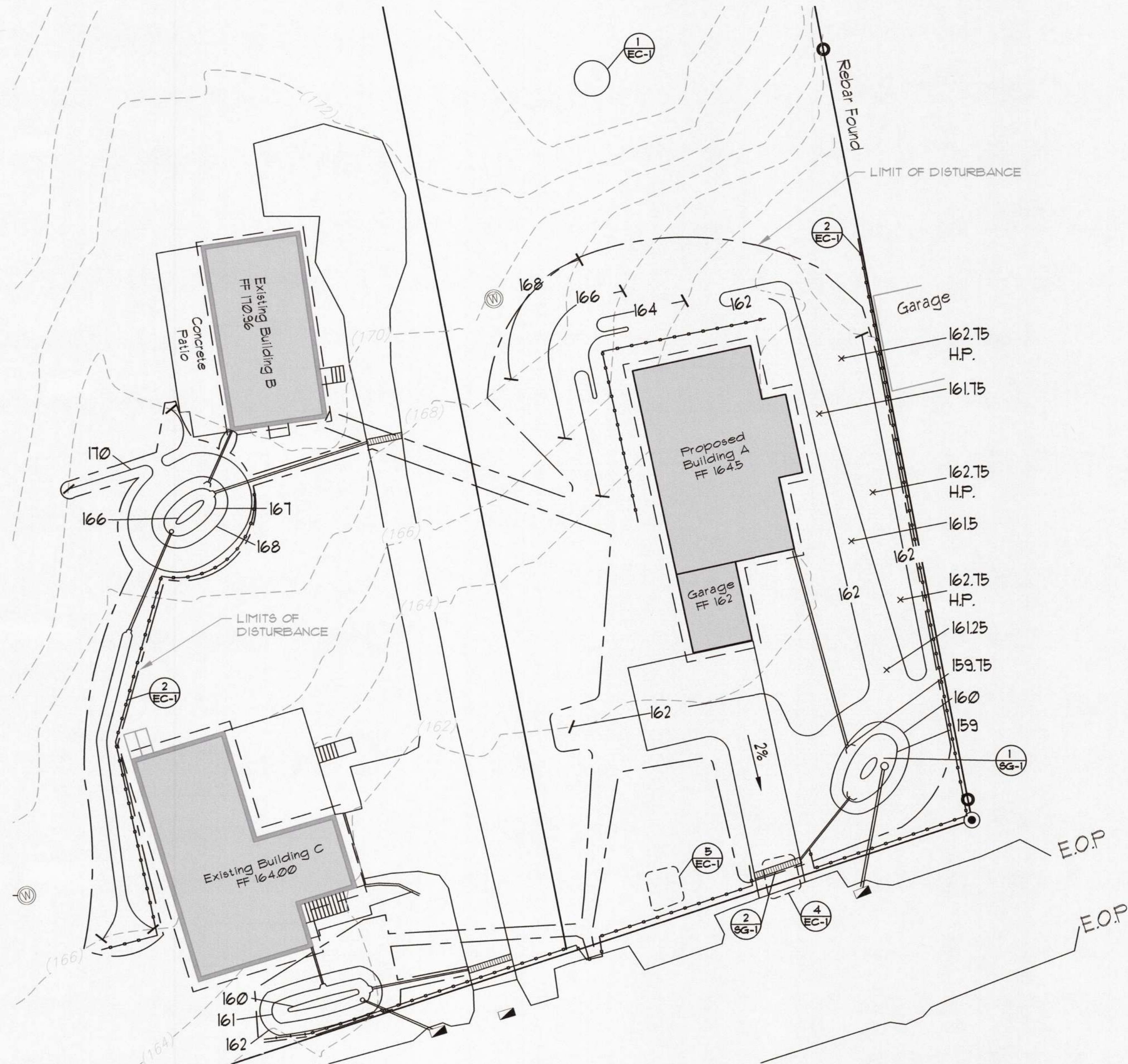
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- 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

FENCE: WOVEN WIRE, 14-1/2 GA, 6" MAX. MESH OPENINGS

FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA 1140N, OR APPROVED EQUAL
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

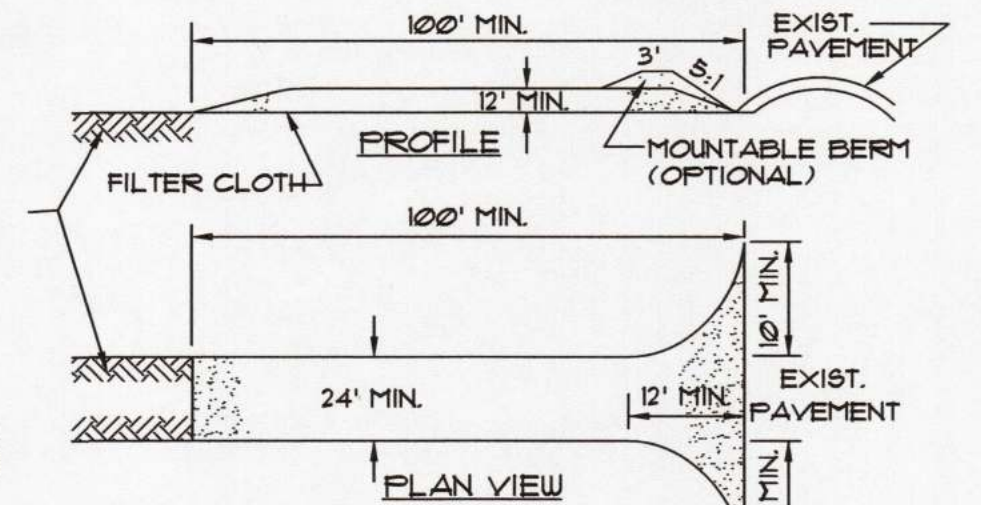
SILT FENCE DETAIL



PLANTING PLAN

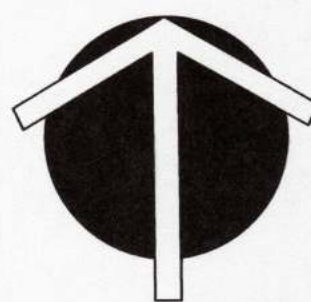
| SEED MIXTURE | |
|--|------------------------|
| 35% FINE FESCUE 35% FINE-LEAFED RYEGRASS 15% KENTUCKY BLUEGRASS 9% ANNUAL RYEGRASS 6% WHITE CLOVER | 400 SQ. FT. PER LB. |

SEED MIXTURE



STABILIZED CONSTRUCTION ENTRANCE

NOT FOR CONSTRUCTION

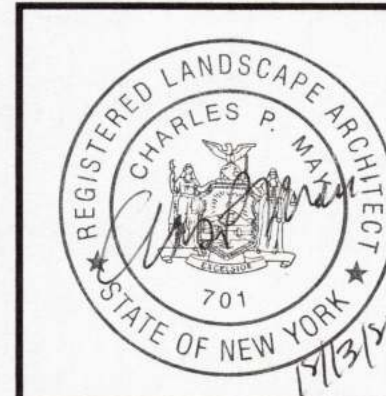


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CHARLES P. MAY & ASSOCIATES, P.C.

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39 MIDDLEBUSH ROAD

WAPPINGER FALLS
DUTCHESS COUNTY, NEW YORK 12590
TAX MAP ID. NO. 135609-6151-01-450871

| DATE | DRAWN | CHECKED |
|----------|-------|---------|
| 11-13-23 | JDC | CPM |

SCALE: 1" = 20'-0"

SHEET TITLE

EROSION CONTROL PLAN

| PROJECT NUMBER | |
|----------------|--|
| 2023-03 | |

EC-1

DRAWING NUMBER

SHEET 5 of 10