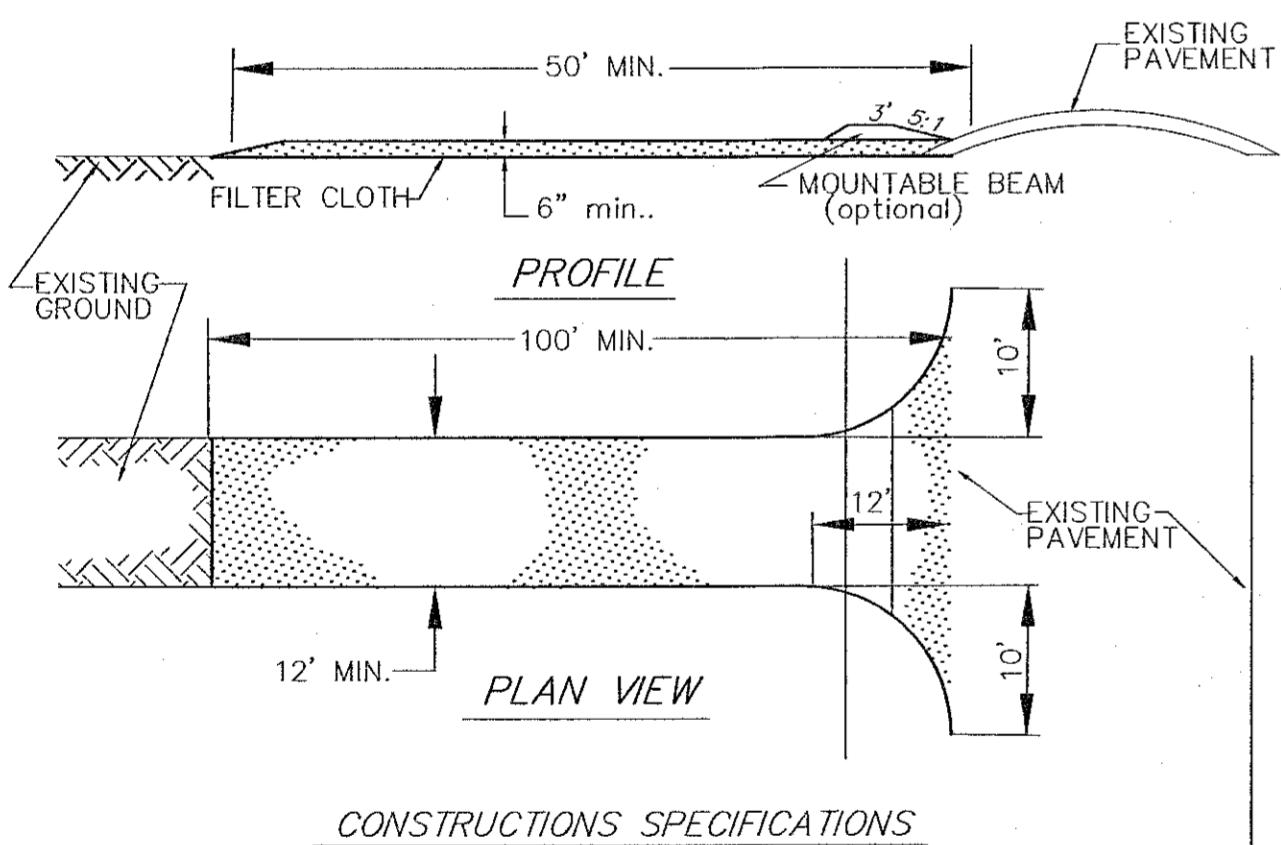


ADD ALTERNATE NO. 1
PAVEMENT SECTION A-A

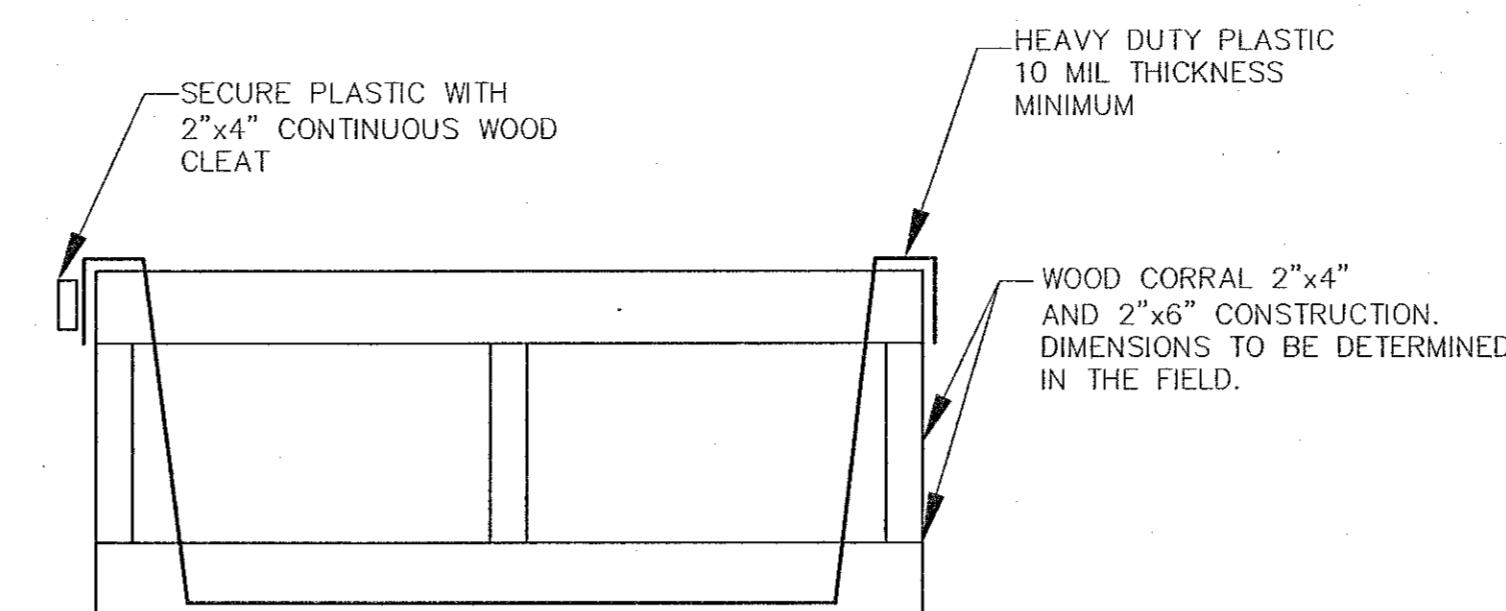
N.T.S.



- STONE SIZE--USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT
- LENGTH--AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY)
- THICKNESS--NOT LESS THAN SIX (6) INCHES
- SURFACE WATER--ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING 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 ON TO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING--WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. 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 AS NEEDED TO ENSURE NO TRACKING ONTO THE STATE HIGHWAY.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

N.T.S.
(ITEM P-156)



CONCRETE WASHOUT STATION

N.T.S.
(ITEM P-156)

GRADING NOTES:

- THE CONTRACTOR SHALL STRIP THE TOPSOIL AND REMOVE ANY UNSUITABLE SOILS, WITHIN THE PROPOSED GRADING LIMITS PRIOR TO PLACEMENT OF FILL MATERIAL.
- ALL CUT & FILL AREAS SHALL BE COMPACTION TO A MINIMUM OF 95% OF MAXIMUM DENSITY OF STANDARD PROCTOR TEST AT OPTIMUM MOISTURE CONTENT.
- THE COMPACTION TESTS WILL BE CONDUCTED BY A LICENSED TESTING LABORATORY AND RESULTS SUBMITTED TO DESIGN ENGINEER.
- SLOPES SHALL NOT EXCEED 1' VERTICAL TO 3' HORIZONTAL.

CONSTRUCTION SEQUENCE FOR GRADING AND EROSION CONTROL:

- INSTALL SILT FENCES, STABILIZED CONSTRUCTION ENTRANCE AND OTHER EROSION CONTROL MEASURES AS SHOWN ON THE PLANS
- PROTECT VEGETATION TO REMAIN
- CONSTRUCT STORMWATER MANAGEMENT AREA AS SHOWN ON THE PLANS
- CLEAR AND GRUB SITE, STRIP AND STOCKPILE TOPSOIL AS NECESSARY
- IMPORT NECESSARY FILL MATERIAL AND CONDUCT MASS EARTH MOVING ACTIVITIES
- INSTALL UTILITIES INCLUDING STORM SEWERS AND STORMWATER MANAGEMENT AREA
- BOX OUT PARKING LOT AND ROADWAY AREAS AND PREPARE FOR MATERIAL INSTALLATION
- INSTALL ROAD SUBBASE AND CONTINUE MONITORING OF EROSION CONTROL
- STABILIZE DISTURBED AREAS AND STOCKPILES WITHIN 14 DAYS OF LAST CONSTRUCTION ACTIVITY IN ALL AREAS
- FINAL GRADING, SEEDING, AND MULCHING OF ALL DISTURBED AREAS. SLOPES SHALL NOT EXCEED 1' VERTICAL TO 3' HORIZONTAL
- WHEN ALL WORK AREAS ARE COMPLETE AND THE ENTIRE AREAS ARE STABILIZED, REMOVE THE EROSION CONTROL MEASURES AFTER APPROVED BY A QUALIFIED PROFESSIONAL

SEEDING NOTE:

ALL AREAS OF THE PROJECT SITE THAT INVOLVE SOIL DISTURBING ACTIVITIES ARE REQUIRED TO PROVIDE THE FOLLOWING SEED MIXTURES DURING CONSTRUCTION:

ADD 6" TOPSOIL & TEMPORARY SEEDING: RYEGRASS (ANNUAL OR PERENNIAL) @ 30LBS. PER ACRE OR 0.7 LBS. PER 1000 SQUARE FEET

ADD 6" TOPSOIL & PERMANENT SEEDING:
65% KENTUCKY BLUEGRASS BLEND @ 85LBS. PER ACRES OR
2.0-2.6 LBS. PER 1000 SQUARE FEET
20% PERENNIAL RYEGRASS @ 26-35 LBS. PER ACRE OR
0.6-0.8 LBS. PER 1000 SQUARE FEET
15% FINE FESCUE @ 19-26 LBS. PER ACRE OR
0.4-0.6 LBS. PER 1000 SQUARE FEET

FOR ALL SEEDING & STABILIZATION MEASURES IT IS THE RESPONSIBILITY OF THE OWNER & DEVELOPER TO ENSURE THAT FINAL STABILIZATION OCCURS AS REQUIRED BY THE NYSDEC.

AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 14 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASIN(S).

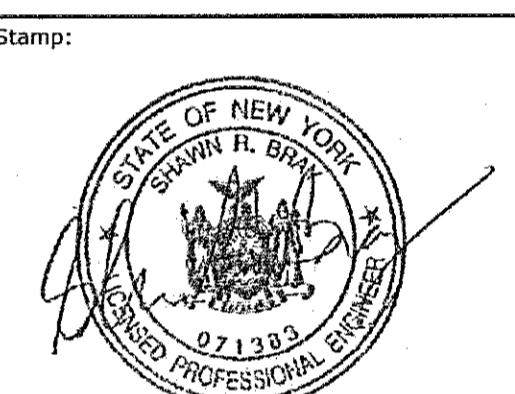
*ALL SEED MIXTURES USED SHALL FOLLOW THE RECOMMENDATIONS OF THE NYS SEDIMENT AND EROSION CONTROL HANDBOOK.

PA
PASSERO ASSOCIATES

Engineering • Architecture
www.passero.com

Town of Bethlehem
Planning Board Approval

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
By direction of the Chairman.
These drawings are hereby approved.
See sheet(s) 5-2 and 6 for date and signature.



Client:
South Albany
Airport Corporation
6 Old School Road
Selkirk, NY 12158
(518) 767-9189

Passero Associates
112 State Street, Suite 1000
Albany, NY 12207
(518) 934-8804
Fax: (518) 934-8803

Principal-in-Charge Wayne F. Wegman, P.E.
Project Manager Shawn R. Bray, P.E.
Designed by Matt Nissen, E.I.T.

Revisions			
No.	Date	By	Description
1	5/16/14	M.N.	REVISIONS FOR TOWN COMMENTS AND SWPPP DEVELOPMENT
2	7/1/14	M.N.	SWPPP REVISIONS
3	9/9/14	M.N.	REVISED PER DOC COMMENTS

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING ARE IN VIOLATION OF STATE EDUCATION LAW ARTICLE 14 SECTION 209 AND ARTICLE 14-7 SECTION 730. THESE PLANS ARE COPYRIGHT PROTECTED ©

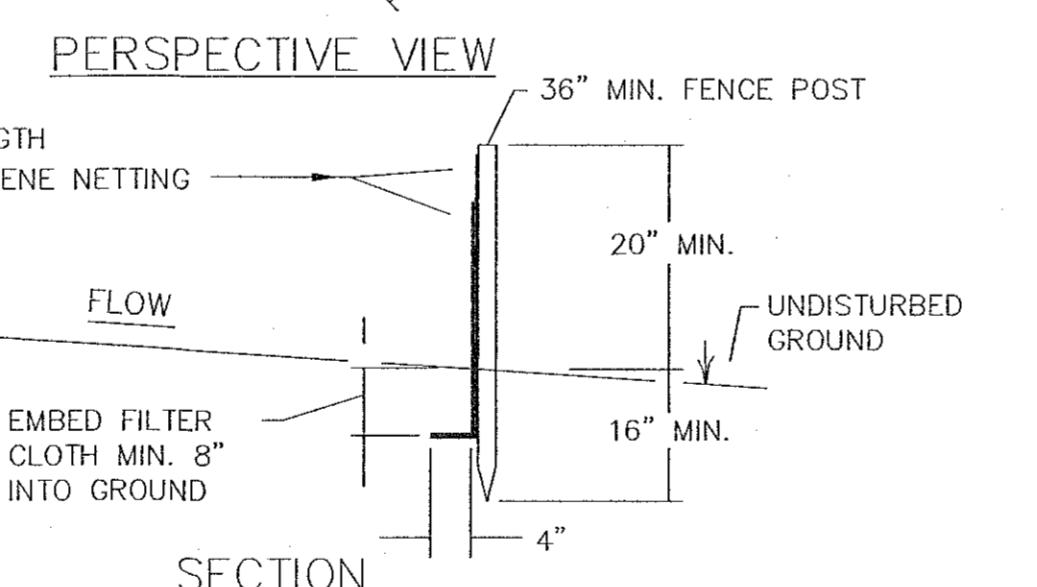
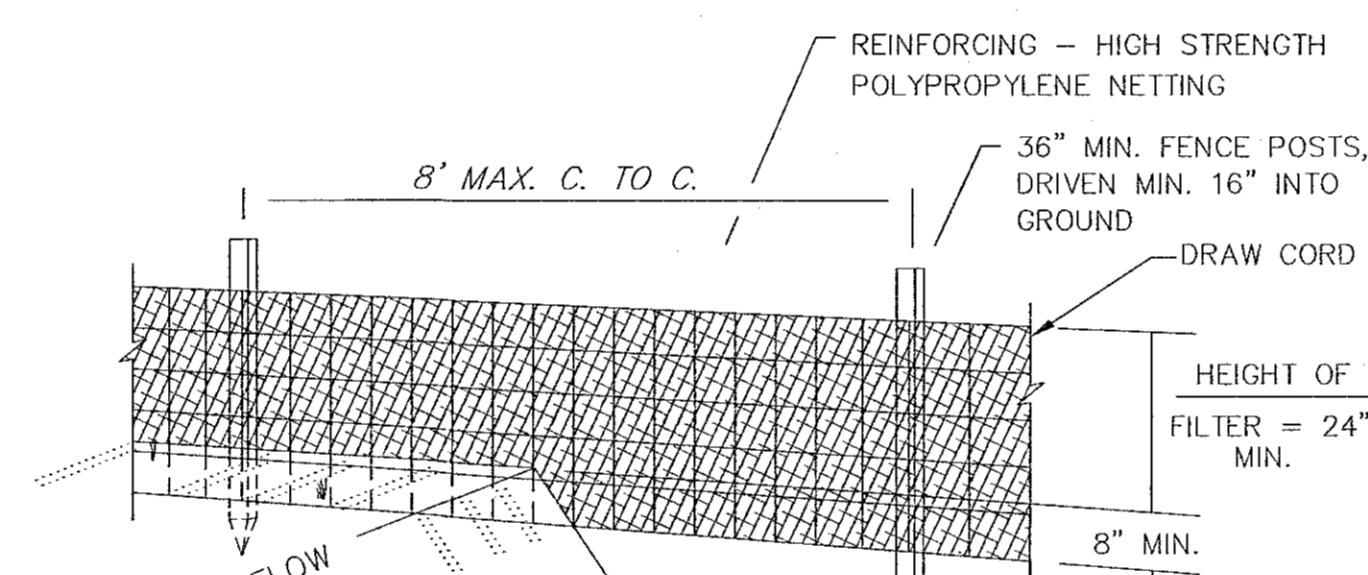
Detail Sheet

Relocate/Improve Fuel Farm
Establish Heliport/Pave Apron

South Albany
Airport

Town/City: Town of Bethlehem
County: Albany State: New York

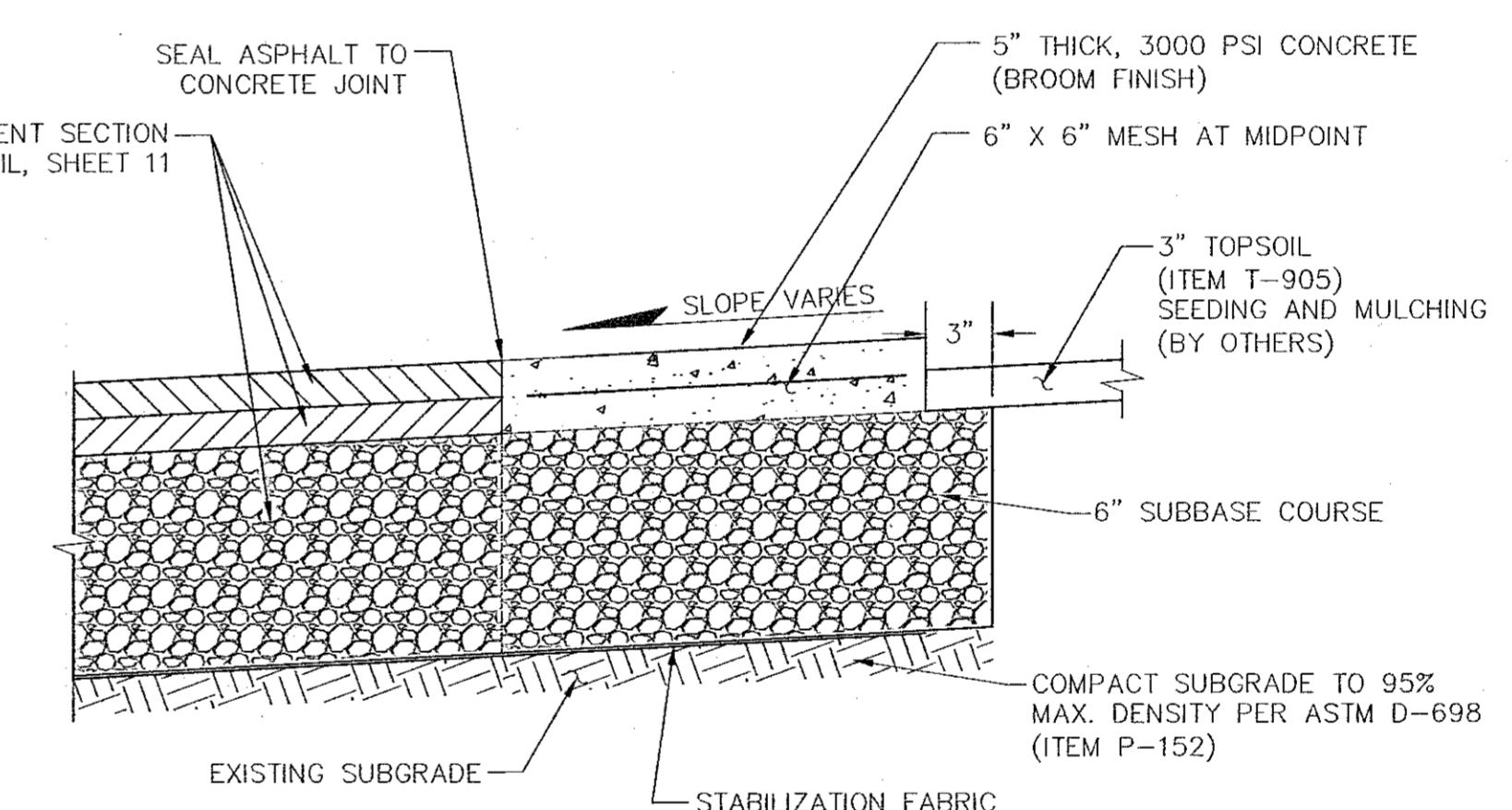
Project No. 25000247.0010
Drawing No. 9
Date January, 2015



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

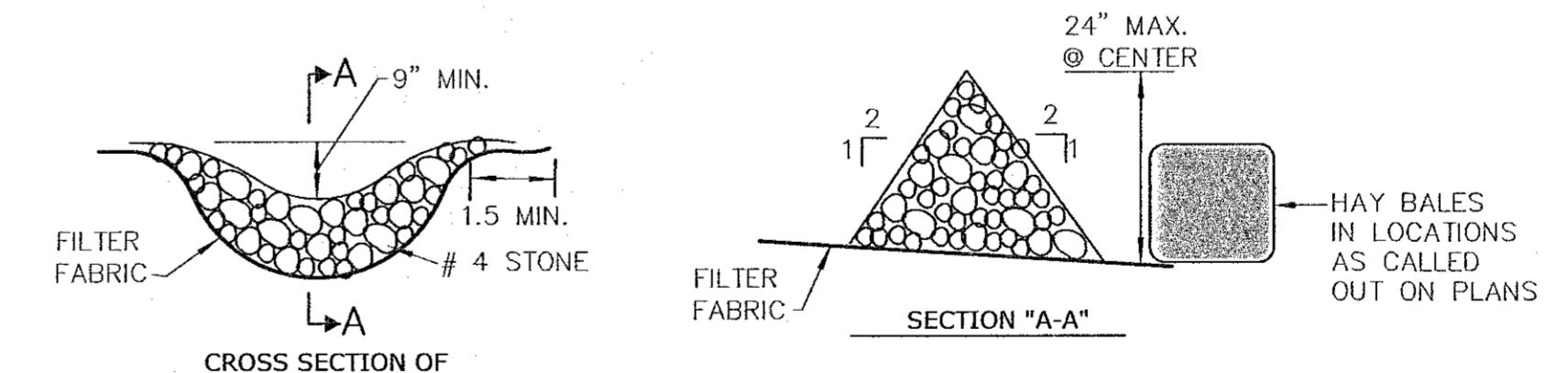
- SILT FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO POLYPROPYLENE NETTING WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. NETTING MADE BE INCORPORATED INTO FILTER CLOTH.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL 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: HIGH STRENGTH POLYPROPYLENE NETTING
- FILTER CLOTH: MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
- PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

PROPOSED PAVEMENT SECTION
SEE DETAIL, SHEET 11



CONCRETE PAD DETAIL

N.T.S.
(ITEMS P-501)

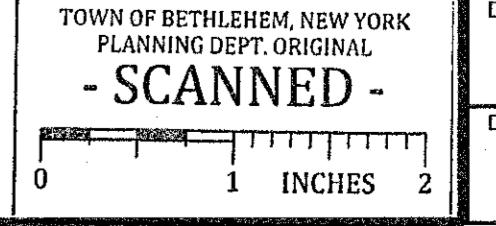


NOTES:

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION AT THE LOCATIONS SHOWN IN THE PLAN.
- EXTEND THE STONE A MIN. OF 1.5 FEET BEYOND THE CHANNEL BANKS TO PREVENT CUTTING AROUND THE DAM.
- REMOVE DAM OR WASTE STONE IN BOTTOM OF CHANNEL WHEN IS COMPLETE
- STRAW BAILE SHALL BE EMBEDDED IN SOIL 4" MIN. AND SO THE BINDINGS ARE HORIZONTAL.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES DRIVEN THROUGH THE BALES. FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. DRIVE STAKES FLUSH WITH BALES.

TEMPORARY CHECK DAM DETAIL

N.T.S.
(ITEM P-156)



SILT FENCE DETAIL

N.T.S.
(ITEM P-156)