

CONSTRUCTION SEQUENCE FOR
GRADING AND EROSION CONTROL FOR ALL
DISTURBED AREAS:

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

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

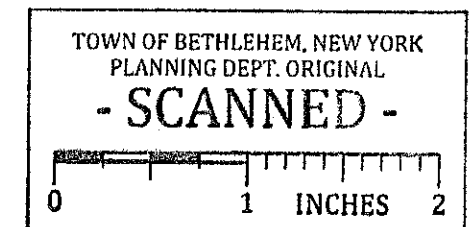
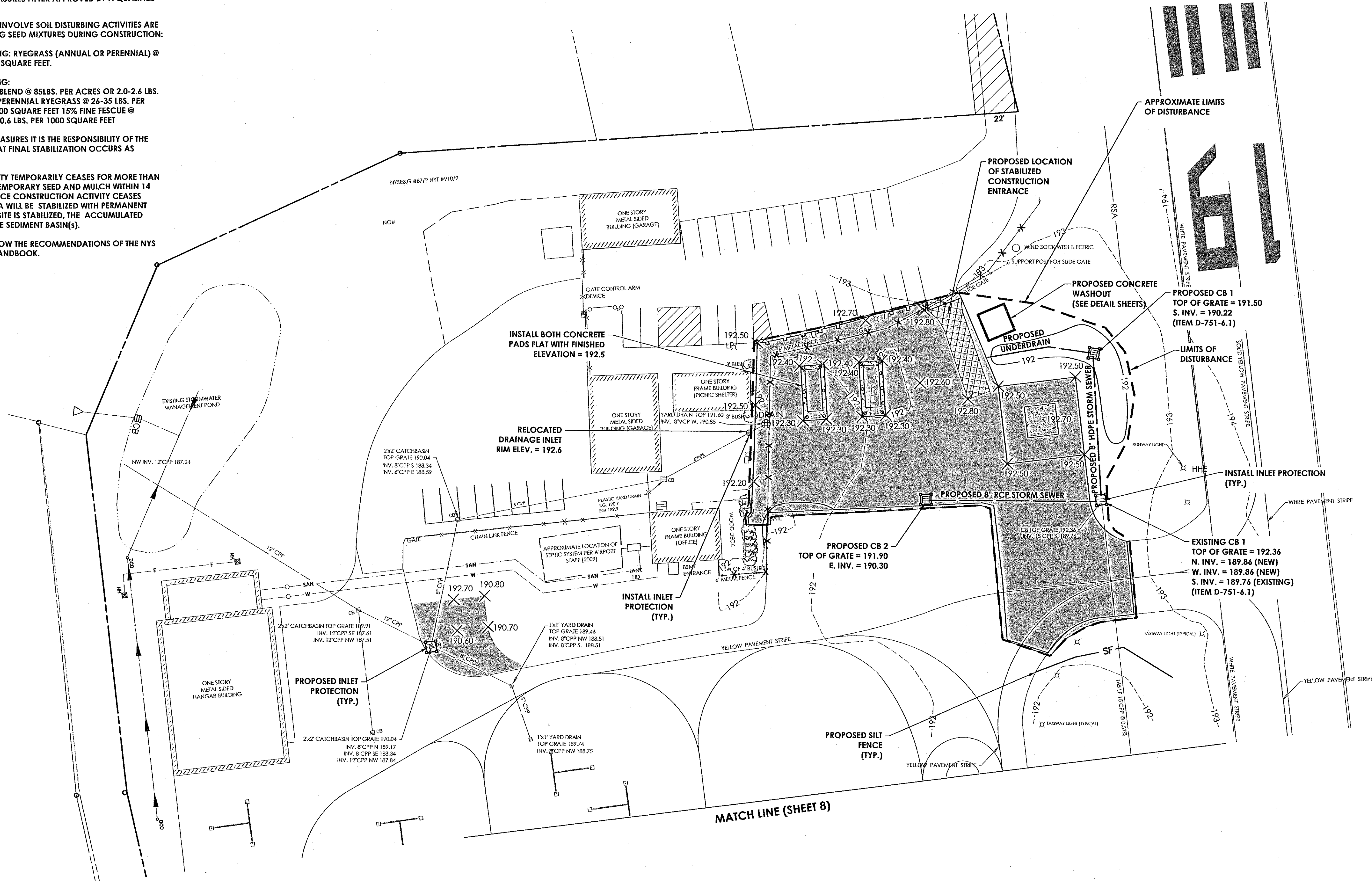
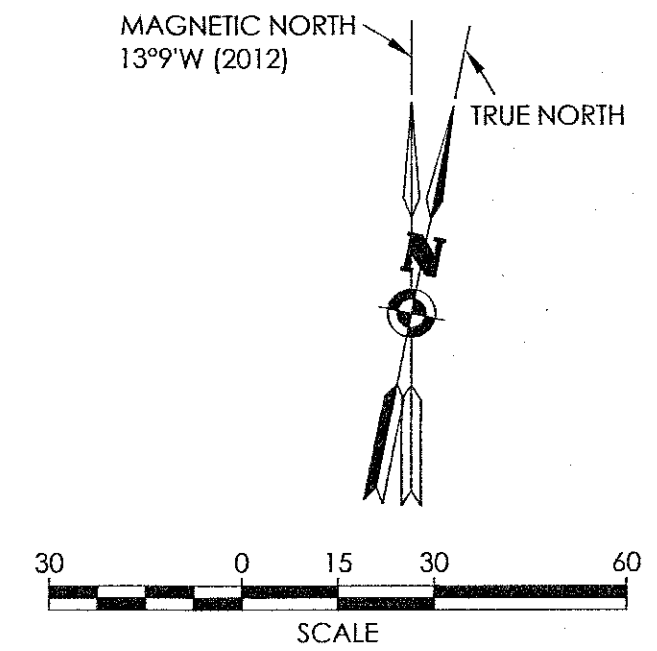
FOR ALL SEEDING & STABILIZATION MEASURES IT IS THE RESPONSIBILITY OF THE OWNER & DEVELOPER TO ENSURE THAT FINAL STABILIZATION OCCURS AS REQUIRED BY THE NYSDEC.

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).

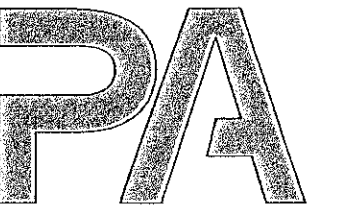
*ALL SEED MIXTURES USED SHALL FOLLOW THE RECOMMENDATIONS OF THE NYS SEDIMENT AND EROSION CONTROL HANDBOOK.

GRADING NOTES FOR ALL DISTURBED AREAS:

1. THE CONTRACTOR SHALL STRIP THE TOPSOIL AND REMOVE ANY UNSUITABLE SOILS, WITHIN THE PROPOSED GRADING LIMITS PRIOR TO PLACEMENT OF FILL MATERIAL.
2. ALL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY OF STANDARD PROCTOR TEST AT OPTIMUM MOISTURE CONTENT.



CONSTRUCTION "PHASE 2"



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, 6, 7, 8, 9
for date and signature.

Stamp:



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) 934-8903

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 PER TOWN COMMENTS AND SWPPP DEVELOPMENT
2	7/11/14	M.N.	SWPPP REVISIONS
3	9/9/14	M.N.	REVISED PER DOT COMMENTS

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS IN VIOLATION OF STATE EDUCATION LAW ARTICLE 145 SECTION 7209 AND ARTICLE 147 SECTION 7307. THESE PLANS ARE COPYRIGHT PROTECTED ©

Grading and
Drainage Plan

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.

7

Date

January, 2015