

CONTRACT DRAWINGS FOR:

RELOCATE/IMPROVE FUEL FARM; ESTABLISH HELIPAD & PAVE APRON

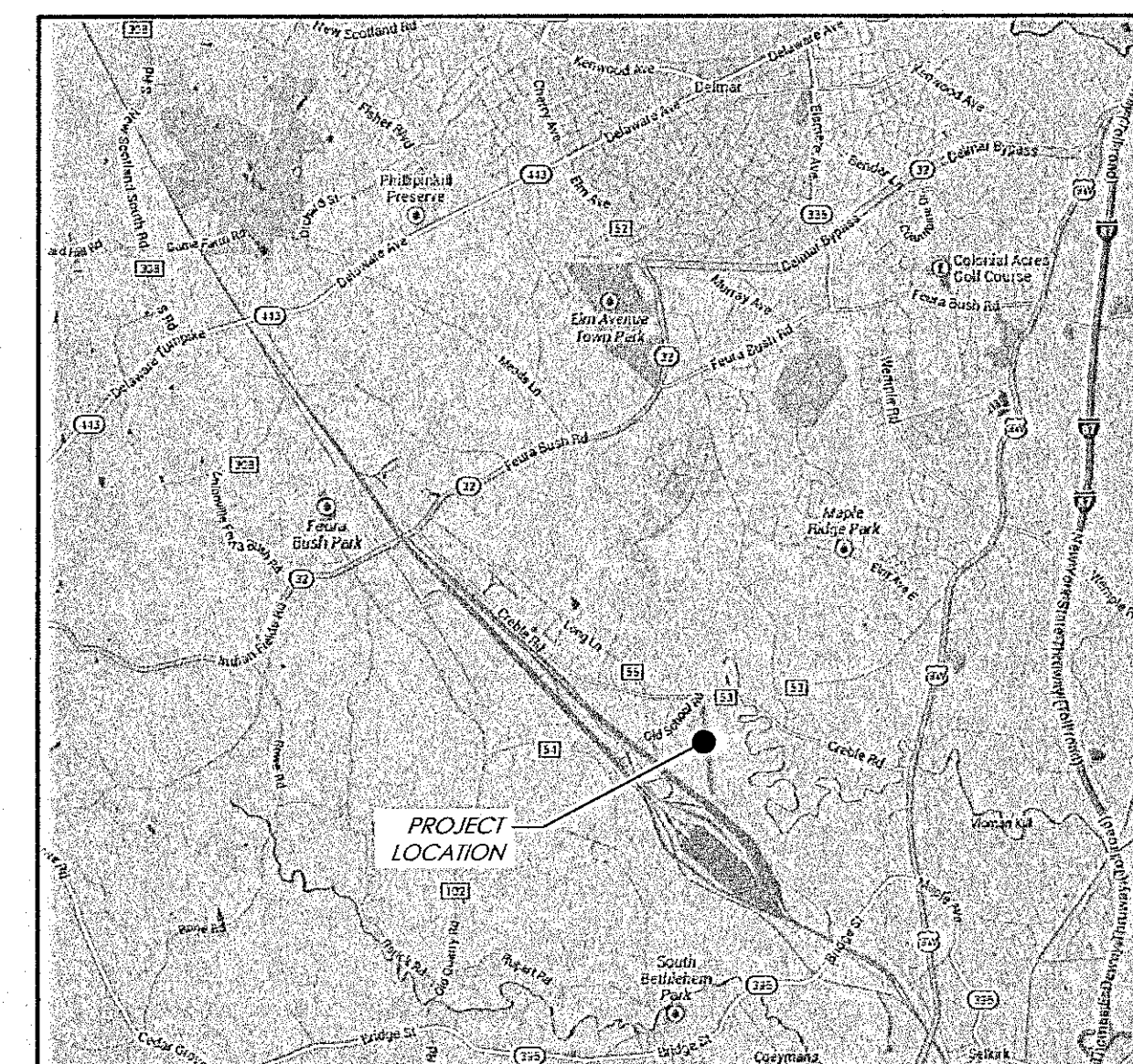
- SOUTH ALBANY AIRPORT (4B0)
SELKIRK, NY**

**SOUTH ALBANY AIRPORT CORPORATION
SELKIRK, NEW YORK
JANUARY, 2015**

OWNER/APPLICANT:
SOUTH ALBANY AIRPORT CORPORATION

NEW YORK STATE DEPARTMENT OF TRANSPORTATION

PROJECT NO. 1915.55



LOCATION MAP
NOT TO SCALE

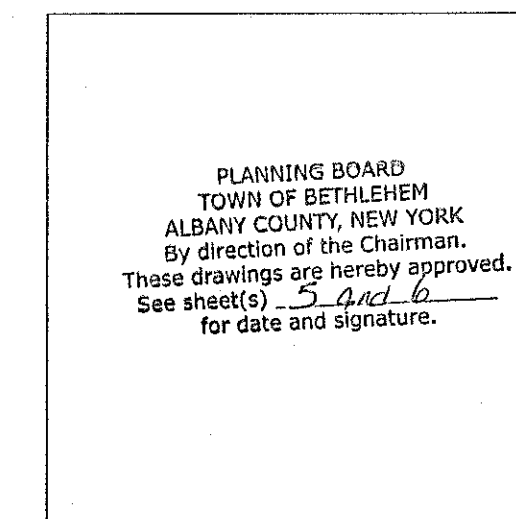


SUBMITTED BY: _____ DATE: _____
SHAWN R. BRAY, P.E.
LICENSE NUMBER 071383

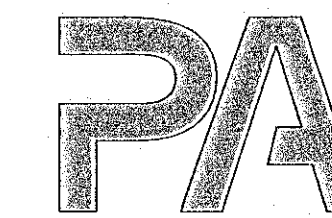
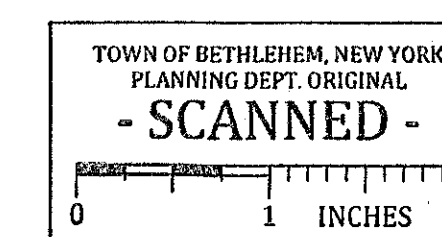
SOUTH ALBANY AIRPORT

APPROVED BY: _____ DATE: _____
PRESIDENT

TOWN OF BETHLEHEM
PLANNING BOARD APPROVAL



BID SET



PASSERO ASSOCIATES

Engineering Architecture
www.passero.com

Town of Bethlehem
Planning Board Approval

Stamp:



Client:

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

Passero Associates

112 State Street, Suite 1000 (518) 934-8804
Albany, NY 12207 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 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 2209 AND ARTICLE 147 SECTION 7307. THESE PLANS ARE COPYRIGHT PROTECTED ©

Cover 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.
1

Date
January, 2015

SUP 10C / SPA 155C 08/05/2014

LEGEND

ABBREVIATIONS

INDEX TO SHEETS

QUANTITIES FOR CANVAS OF BIDS

	RIGHT OF WAY LINE
	EXISTING PROPERTY LINE
	AIRPORT PROPERTY LINE EXISTING/FUTURE
	CENTERLINE PROPOSED RUNWAY/TAXIWAY
	EXISTING LIGHT UNIT (TO BE REMOVED)
	EXISTING LIGHT UNIT
	PROPOSED LIGHT UNIT 1
	PROPOSED LIGHT UNIT 2
	EXISTING WATERWAY
	EXISTING CENTERLINE SWALE
	PROPOSED CENTERLINE SWALE W/FLOW DIRECTION
	EXISTING CONTOUR
	PROPOSED CONTOUR
	CLEARING & GRUBBING
	CLEARING & GRUBBING ALTERNATE AREA
	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION
	PROPOSED DUCT BANK
	EXISTING EDGE OF TREES / BRUSH
	EXISTING BUILDING
	PROPOSED BUILDING
	PROPOSED STORM DRAINAGE PIPE W/ END SECTIONS
	PAVEMENT CORE
	SOIL BORING W/ IDENTIFICATION NUMBER
	TEST PIT W/ IDENTIFICATION NUMBER
	LIGHT STONE FILL
	RUNWAY OBJECT FREE AREA (ROFA)
	RUNWAY SAFETY AREA (RSA)/ TAXIWAY SAFETY AREA (TSA)
	PROPOSED OBSTRUCTION LIGHT
	PROPOSED NEW LIGHT POLE W/ OBSTRUCTION LIGHT
	STAKED STRAW BALES
	STAKED STRAW BALES
	SEDIMENT FENCE
	NORTH AMERICAN GREEN LINED SWALE
	EXISTING RETROREFLECTIVE MARKER
	PROPOSED RETROREFLECTIVE MARKER
	SURVEY CONTROL POINT AND SITE BENCH MARK
	EXISTING CHAIN LINK FENCE
	EXISTING POWER POLE
	EXISTING POWER POLE W/LIGHT
	ELECTRIC CABLE MARKER
	ELECTRIC DUCT MARKER
	ASPHALT/CONCRETE DEMOLITION AND REMOVAL

&	AND
ABND	ABANDONED
ADJ	ADJUST
AOBE	AS ORDERED BY THE ENGINEER
ASPH	ASPHALT
BIT	BITUMINOUS
B	BASELINE
BM	BENCH MARK
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
CB	CATCH BASIN
C	CENTERLINE
CMP	CORRUGATED METAL PIPE
CMPA	CORRUGATED METAL PIPE (ARCH)
CP	CONTROL POINT
Δ	DELTA
D	DEGREE OF CURVATURE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DR	DRIVEWAY / DRAINAGE STRUCTURE WITH No. e.g.
e	CENTER OF CORRECTION
E	EXTERNAL DISTANCE
EL / ELEV	ELEVATION
EP	EDGE OF PAVEMENT
ES	END SECTION
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EXIST / EX	EXISTING
FBO	FIXED BASED OPERATOR
FI	FIELD INLET
G	GAS LINE
GR	GRAVEL
GV	GAS VALVE
GVGI	GENERIC VISUAL GLIDESLOPE INDICATOR
HCL	HORIZONTAL CONTROL LINE
HORIZ	HORIZONTAL
HP	HIGH POINT
HYD	HYDRANT
INV	INVERT
IP	IRON PIPE
LF	LINEAR FEET
LP / L POLE	LIGHT POLE
LP	LOW POINT
MH	MANHOLE
MAX	MAXIMUM
MIRL	MEDIUM INTENSITY RUNWAY LIGHT
MON	MONUMENT
M	MONUMENT LINE
N/F	NOW OR FORMERLY
N.I.C.	NOT IN CONTRACT
OHE	OVERHEAD ELECTRIC
P	PARCEL
PAPI	PRECISION APPROACH PATH INDICATOR
PAV'T	PAVEMENT
PB	PULL BOX
PC	POINT OF CURVATURE
PCC	PORTLAND CONCRETE CEMENT / POINT OF COMPOUND CURVE
PI	POINT OF INTERSECTION
PK	PK NAIL (SURVEY MARKER)
PK	PROPERTY LINE
P	POWER POLE
PP	PROPOSED
PROP	POINT OF TANGENCY
PT	POINT OF VERTICAL CURVE
PVC	POINT OF VERTICAL INTERSECTION
PVI	RADIUS OF CURVE
R	REINFORCED CONCRETE PIPE
RCP	RESIDENT ENGINEER
RE	RECORD
(REC)	RUNWAY END IDENTIFICATION LIGHTS
REIL	RUNWAY OBJECT FREE AREA
ROFA	RIGHT-OF-WAY
ROW	RUNWAY PROTECTION ZONE
RPZ	RAILROAD
RR	RUNWAY SAFETY AREA
RSA	RETAINING WALL
RW	RUNWAY
R/W	SIGN
S	SANITARY
SAN	SMOOTH FLOW CORRUGATED METAL PIPE (ARCH)
SCMPA	SPECIAL
SP	STATION
STA	STANDARD
STD	STORY
STY	SIDEWALK
SW	TELEPHONE LINE
T	TOP OF GRATE
TG	THEORETICAL GRADE LINE
TGL	TANGENT LENGTH
TL	TAXIWAY SAFETY AREA
TSA	TRANSITION
TRANS	TYPICAL
TYP	TAXIWAY
T/W	UNITED STATES COASTAL AND GEODETIC SURVEY
USC&GS	VALVE
V	VERTICAL CURVE
VC	VITRIFIED CLAY PIPE
VCP	VERTICAL
VERT	VITRIFIED TILE
VT	VITRIFIED TILE PIPE
VTP	WATER LINE
W	WATER VALVE
WV	EXTRA STRENGTH VITRIFIED CLAY PIPE
XVCP	

DRAWING NO.	TITLE
1	COVER SHEET
2	INDEX, LEGEND, ABBREVIATIONS AND QUANTITIES FOR CANVAS OF BID
3	GENERAL PLAN
4	EXISTING CONDITIONS AND DEMOLITION PLAN
5-6	SITE PLANS
7-8	GRADING AND DRAINAGE PLANS
9-12	DETAIL SHEETS

BID DESCRIPTIONS

BASE BID

- BASE BID WORK INCLUDES:
- REMOVE AND DISPOSE OF EXISTING PAVEMENT, CONCRETE, AND UNDERGROUND UTILITIES
 - INSTALL STORMWATER MANAGEMENT FEATURES
 - INSTALL PROPOSED STORMWATER UTILITIES
 - INSTALL CONCRETE PAVEMENT AND FOUNDATION PIERS
 - INSTALL ASPHALT PAVEMENT
 - REINSTALL ALUMINUM FENCE
 - FINAL PAVEMENT MARKINGS
 - INSTALL CONCRETE PAVEMENT AND PIERS
 - RE-INSTALL ALUMINUM FENCE

BID ADD ALTERNATE NO. 1

- ADD ALTERNATE NO. 1 WORK INCLUDES:
- REMOVE AND DISPOSE OF EXISTING PAVEMENT
 - FINE GRADE AND COMPACT EXISTING SUBBASE
 - INSTALL 2" ASPHALT PAVEMENT

BID ADD ALTERNATE NO. 2

- ADD ALTERNATE NO. 2 WORK INCLUDES:
- INSTALL NEW ASPHALT PAVEMENT SECTION

BID ADD ALTERNATE NO. 3

- ADD ALTERNATE NO. 3 WORK INCLUDES:
- RECONSTRUCTING EXISTING AIRPORT AND CONSTRUCTION ACCESS ROAD

BASE BID

BASE BID			
SPEC ITEM NO.	DESCRIPTION	QUANTITY/ UNIT	FINAL QTY.
A-300-1.2	REINFORCED CONCRETE PIER FOUNDATIONS FOR FUTURE SHADE HANGAR	13	EA
D-701-2.1	8" DIA. CORRUGATED POLYETHYLENE PIPE, SMOOTH INTERIOR	555	LF
D-701-2.2	8" DIA. REINFORCED CONCRETE PIPE	85	LF
D-701-2.3	12" DIA. CORRUGATED POLYETHYLENE PIPE, SMOOTH INTERIOR	50	LF
D-701.2.4	15" DIA. GALVANIZED METAL END SECTION	1	EA
D-705-6.1	6" PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, FITTINGS, CLEANOUTS & CONNECTIONS	570	LF
D-751-6.1	4" MANHOLE, COMPLETE	1	EA
D-751-6.2	CATCH BASIN, COMPLETE	8	EA
D-751-6.3	STORMWATER CONTROL STRUCTURE	1	EA
D-751-6.4	CONNECT PROPOSED STORM PIPES TO EXISTING CATCH BASIN	2	EA
L-110	3" GALVANIZED STEEL CONDUIT	200	LF
P-152-2.1	EXCAVATE AND STABILIZE STORMWATER	1	LS
P-156	SOIL EROSION AND SILTATION CONTROL	1	LS
P-409-5.1	ASPHALT PAVEMENT	44,900	SF
P-501-2.1	CONCRETE SLAB (FUTURE SHADE HANGAR)	11,280	SF
P-501-2.2	CONCRETE SLAB (HELIPAD)	260	SF
P-501-2.3	CONCRETE SLABS (FUEL FARM)	680	SF
P-612.1	ENGINEER'S FIELD OFFICE	1	FIXED
P-620	PAVEMENT MARKINGS	375	SF
S-126-5.1	PROJECT SURVEY AND STAKEOUT	1	LS
M-200	MOBILIZATION (% SUB. MAX)	1	LS

ADD ALTERNATE #1

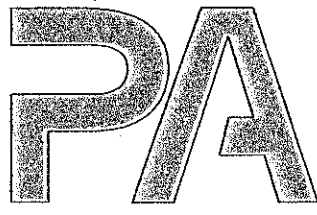
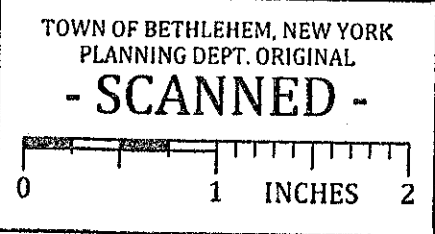
P-152-2.2	EXCAVATE AND REMOVE EXISTING DETERIORATED PAVEMENT	1	LS	
P-155-5.3	FINE GRADE EXISTING SUBBASE MATERIAL	1,300	SY	
P-409-5.2	2" ASPHALT PAVEMENT, COMPLETE IN-PLACE	11,500	SF	
S-126-5.1	PROJECT SURVEY AND STAKEOUT	1	LS	

ADD ALTERNATE #2

P-409-5.3	ASPHALT PAVEMENT, COMPLETE IN-PLACE	10,000	SF	
-----------	-------------------------------------	--------	----	--

ADD ALTERNATE #3

P-409-5.4	ASPHALT PAVEMENT, COMPLETE IN-PLACE	8,000	SF	
-----------	-------------------------------------	-------	----	--



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 and 6
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) 934-8803
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 PER TOWN COMMENTS AND SWPPP DEVELOPMENT
2	7/1/14	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. ©

Index Sheet

Relocate/Improve Fuel Farm
Establish Heliport/Pave Apron

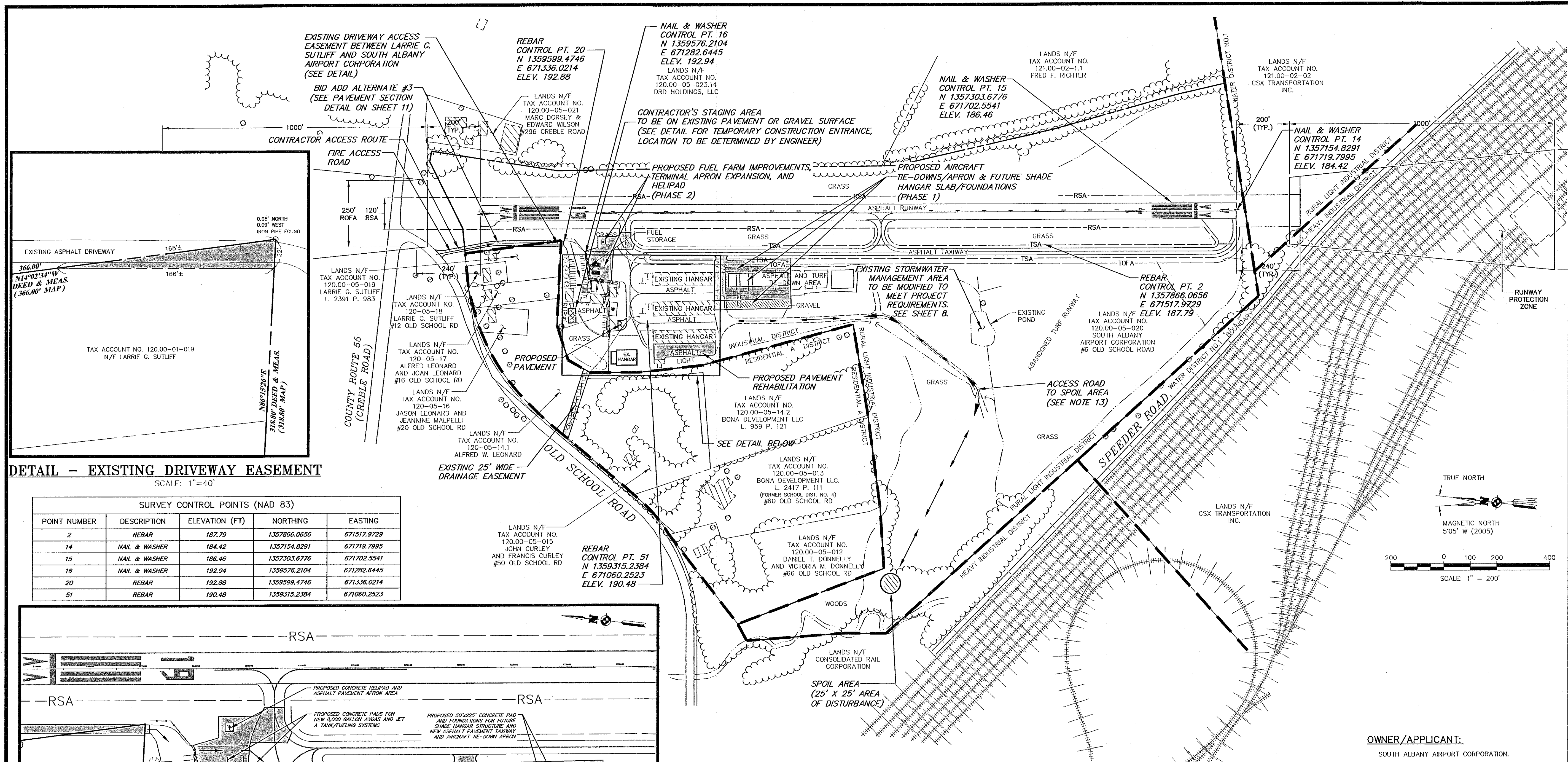
South Albany
Airport

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

Project No.
25000247.0010

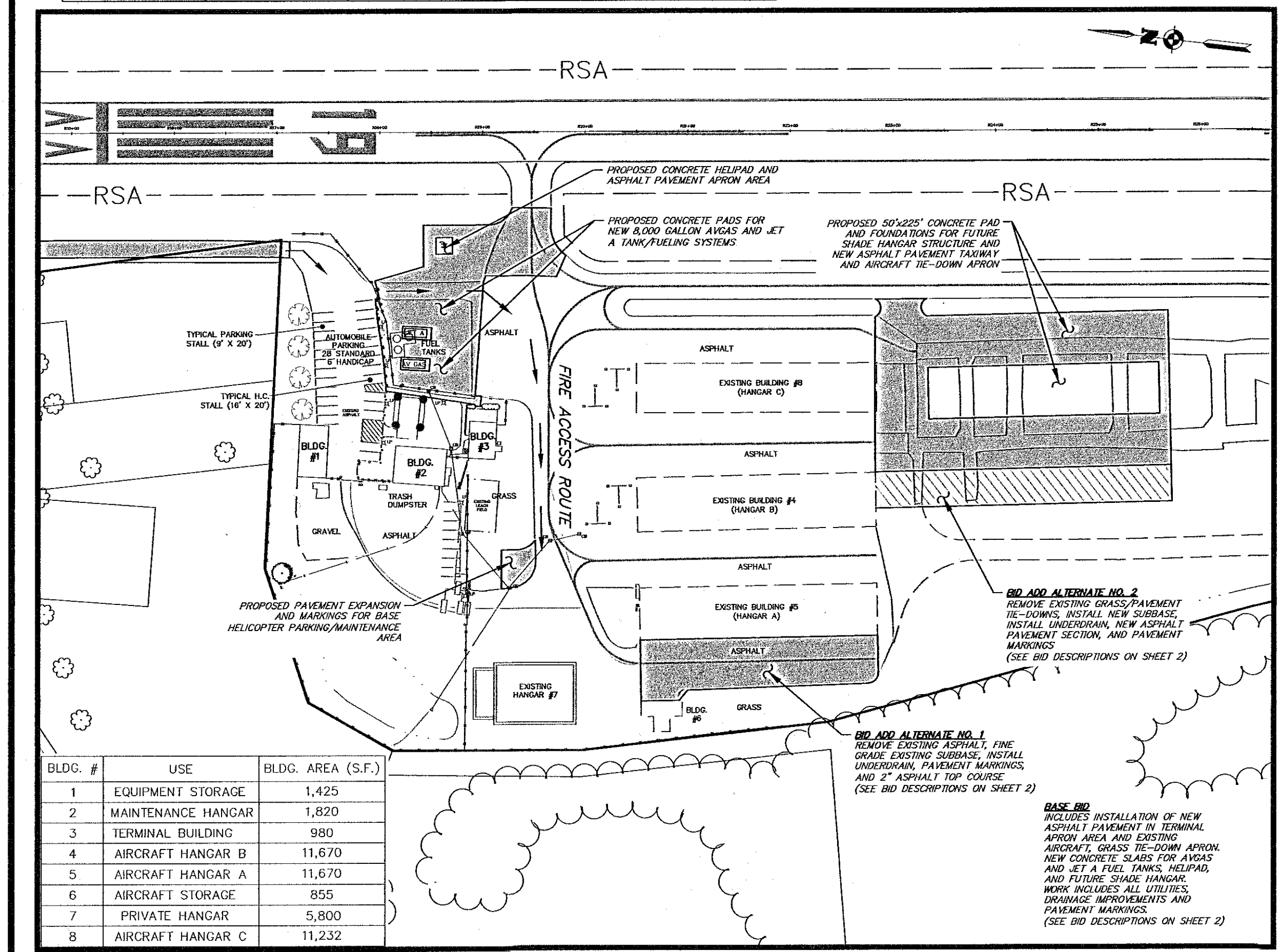
Drawing No.
2

Date
January, 2015



DETAIL - EXISTING DRIVEWAY EASEMENT
SCALE: 1"=40'

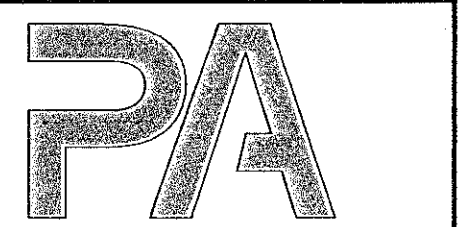
SURVEY CONTROL POINTS (NAD 83)				
POINT NUMBER	DESCRIPTION	ELEVATION (FT)	NORTHING	EASTING
2	REBAR	187.79	1357866.0656	671517.9729
14	NAIL & WASHER	184.42	1357154.8291	671719.7995
15	NAIL & WASHER	186.46	1357303.6776	671702.5541
16	NAIL & WASHER	192.94	1359576.2104	671282.6445
20	REBAR	192.88	1359599.4746	671336.0214
51	REBAR	190.48	1359315.2384	671060.2523



DETAIL - EXISTING DEVELOPED AREA PLAN
SCALE: 1"=100'

NOTE:
ALL ITEMS LABELED AS BID ALTERNATES WILL BE CONSIDERED BY THE OWNER UPON SELECTION OF THE CONTRACTOR BASED ON AVAILABLE FUNDS.

- GENERAL NOTES**
1. THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES AND APPURTENANCES, BOTH ABOVE AND BELOW GROUND, SHOWN ON THE PLANS ARE APPROXIMATE AND IS NOT GUARANTEED. THE DATA FOR EXISTING UTILITIES HAS BEEN OBTAINED FROM THE UTILITIES OWNER'S RECORD MAPS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES AND APPURTENANCES IN THE PATH OF, ADJACENT TO AND UNDER THE PATH OF THE PROPOSED WORK. CONTRACTOR SHALL REPAIR ANY DAMAGED UTILITIES AT HIS COST.
 2. THE OWNERS OF THE VARIOUS UTILITIES WILL FIELD LOCATE AND MARK THE LOCATION OF THE FACILITIES. THE CONTRACTOR IS CAUTIONED TO NOTIFY CENTRAL STAKE OUT FOR LOCATION OF UNDERGROUND UTILITIES BEFORE UNDERTAKING ANY CONSTRUCTION IN THIS AREA.
 3. PROPERTY LINES, RIGHT-OF-WAY LINES, AND OWNER NAMES SHOWN ON THE PLANS ARE TAKEN FROM VARIOUS RECORD SOURCES.
 4. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING PAVEMENT, CURBS, SIDEWALKS, LAWN AREAS, TREES AND OTHER EXISTING FEATURES CAUSED BY HIS OPERATION. ALL SUCH DAMAGE SHALL BE REPAIRED OR REPLACED IN KIND BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
 5. ANY IRON PINS, CONCRETE MONUMENTS, SURVEY MONUMENTS, OR OTHER ITEMS DEFINING PROPERTY LINES OR BASELINES WHICH ARE DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE PROPERLY TIED AND ACCURATELY RESET UPON COMPLETION OF WORK BY THE CONTRACTOR AT NO COST TO THE OWNER.
 6. ELEVATIONS ARE BASED ON U.S.C. & G.S. DATUM. THE CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN THESE SITE BENCH MARKS OR MOVE THEM IF THEY ARE IN THE LINE OF CONSTRUCTION.
 7. ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE FINE GRADED, TOPSOILED, SEEDED AND MULCHED. FINE GRADING SHALL BE SHAPED TO ALLOW DRAINAGE.
 8. SITE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE CONSTRUCTION SITE IN A SAFE AND ORDERLY FASHION THROUGHOUT THE PERIOD OF CONSTRUCTION.
 10. THE CONTRACTOR IS CAUTIONED TO KEEP HIS CONSTRUCTION VEHICLES OFF OF ALL LOCAL SUBDIVISION ROADS AND EXISTING AIRFIELD PAVEMENTS.
 11. THE CONTRACTOR SHALL NOT LEAVE HIS CONSTRUCTION EQUIPMENT RUNNING OR UNATTENDED IN CLOSE PROXIMITY TO NEIGHBORING HOUSES.
 12. THE CONTRACTOR SHALL KEEP EQUIPMENT THAT IS NOT NECESSARY FOR HIS OPERATIONS OUT OF THE EXISTING TERMINAL AND AIR OPERATIONS AREA.
 13. EXISTING SURFACES OUTSIDE THE PROJECT GRADING LIMITS SHALL BE RESTORED TO PRE-EXISTING CONDITION OR BETTER.
 14. CONTRACTOR ACCESS GATE SHALL BE CLOSED AT THE END OF EACH WORK DAY. ACCESS DRIVEWAYS SHALL BE RESTORED TO ORIGINAL OR BETTER SUBSEQUENT TO PROJECT COMPLETION. INCLUDE COSTS IN ITEM M-100.
 15. BASE MAPPING INFORMATION FROM A BOUNDARY AND TOPOGRAPHIC SURVEY BY PASSERO ASSOCIATES, P.C. DATED MARCH 2007 AND UPDATED NOVEMBER 2013.
 16. AIRPORT PROPERTY IS NOT WITHIN WATER OR SEWER DISTRICT.
 17. AIRPORT PROPERTY IS IN SELKIRK FIRE DISTRICT AND RAVENA COEYMANS SELKIRK SCHOOL DISTRICT.
 18. ALL MATERIALS AND WORK SHALL CONFORM TO THE CURRENT FAA ADVISORY CIRCULARS AC 150/5370-10F (STANDARDS FOR SPECIFYING CONSTRUCTION ON AIRPORTS) AND AC 150/5300-13A (AIRPORT DESIGN).



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) 3, 4, 5, 6
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 12202 (518) 934-8804 Fax: (518) 934-8893
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	7/1/14	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 ©

General Plan

Relocate/Improve Fuel Farm
Establish Heliport/Pave Apron

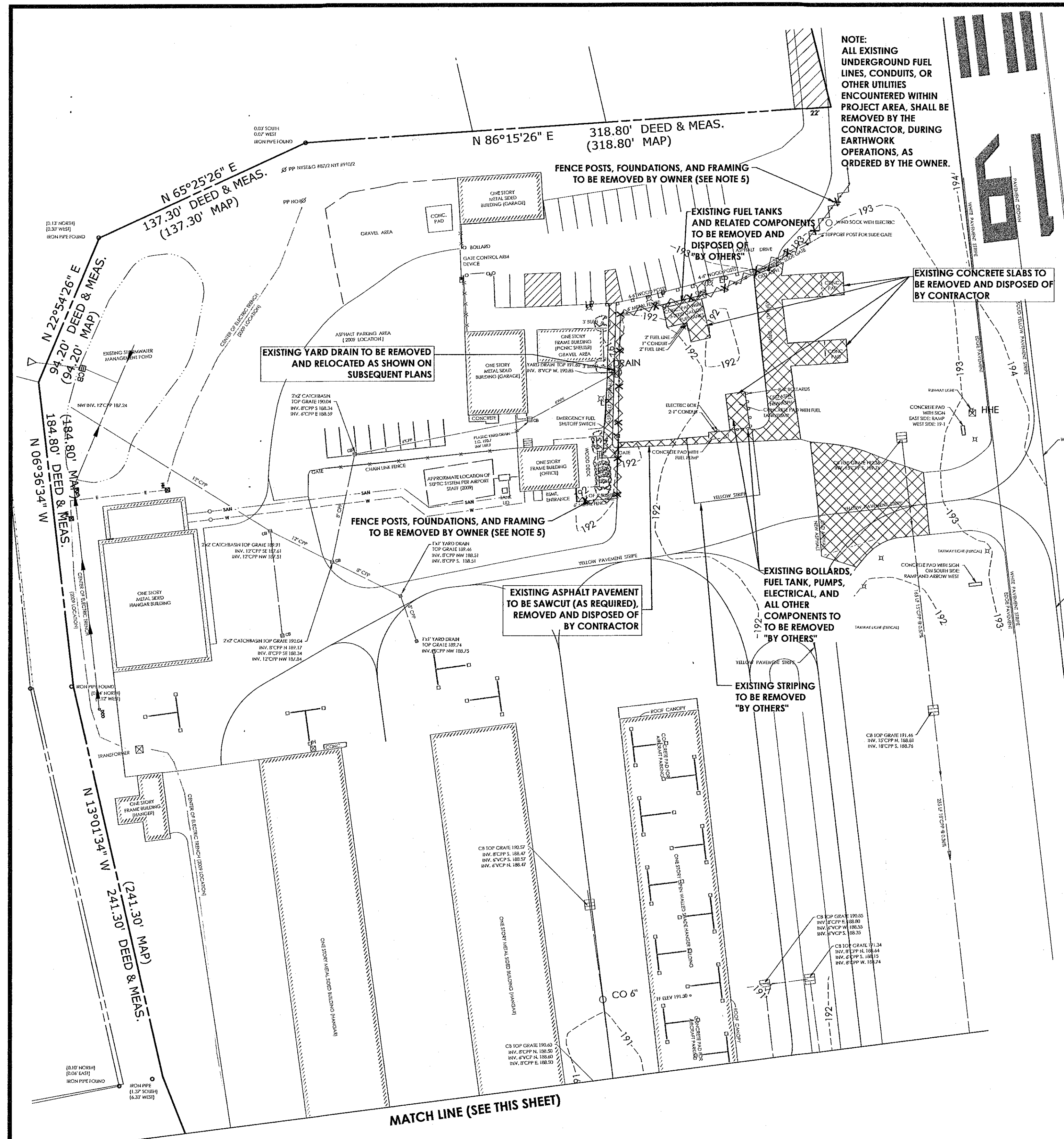
**South Albany
Airport**

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

Project No.
25000247.0010

Drawing No.
3

Date
January, 2015



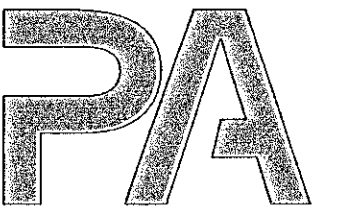
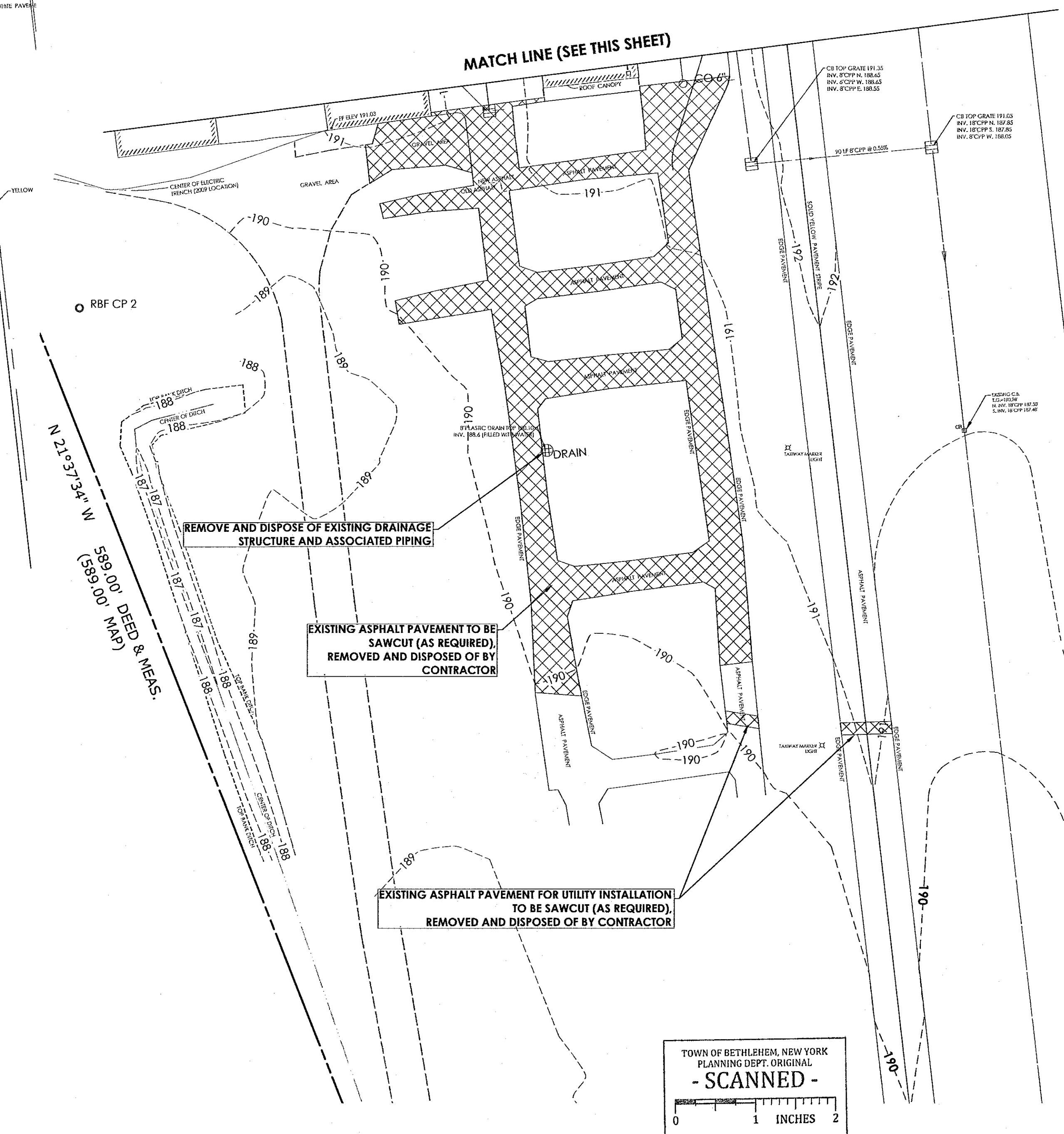
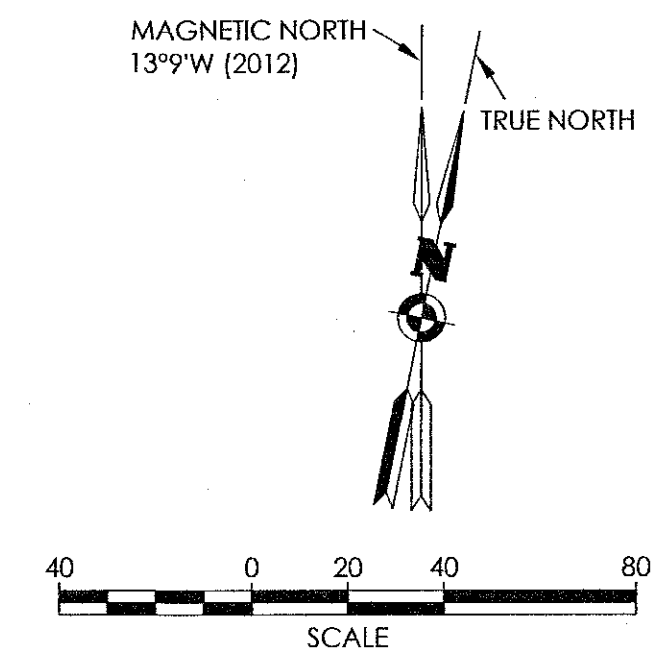
1. FOR CLARITY, ALL FEATURES SHOWN TO BE REMOVED ON THIS SHEET WILL NOT BE SHOWN ON SUBSEQUENT SHEETS.

2. ALL DEMOLITION WORK SHALL BE PAID FOR, AND INCLUDED IN INDIVIDUAL ITEMS THAT REQUIRE EXISTING REMOVALS IN ORDER TO INSTALL NEW WORK. NO SEPARATE PAYMENT WILL BE MADE FOR ITEMS TO BE DEMOLISHED.

3. WORK DESCRIBED AS "BY OTHERS" SHALL BE PERFORMED BY THE OWNER OR A SEPARATE CONTRACTOR, AND NOT INCLUDED IN UNIT COST BID PRICES FOR THIS CONTRACT.

4. ALL WORK IN THIS CONTRACT SHALL BE COMPLETED UNDER THE "BASE BID", UNLESS OTHERWISE DENOTED. ITEMS WITH "BOXED OUT" NOTES ARE THE CONTRACTORS RESPONSIBILITY AND SHALL BE COMPLETED UNDER THE "BASE BID" UNLESS OTHERWISE DENOTED.

5. THE CONTRACTOR SHALL FURNISH NEW FENCE POSTS MATCHING THE EXISTING FENCE, AND RE-INSTALL THE FENCE UTILIZING THE OWNER SALVAGED FRAMING AND HARDWARE, PER THE DETAIL ON DRAWING 12.



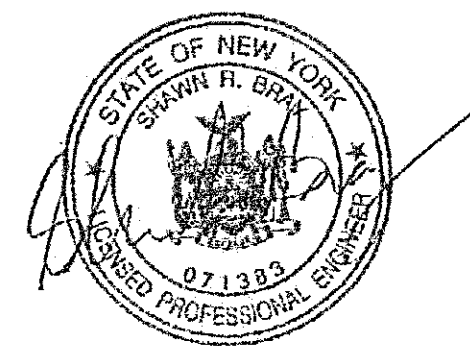
PASSERO ASSOCIATES

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, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 8

Stamp:



Client:

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

Passero Associates

112 State Street, Suite 1000 (518) 934-8804
Albany, NY 12207 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 PER TOWN COMMENTS AND SWPPP DEVELOPMENT
2	7/1/14	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 ©

Existing Conditions and Demolition Plan
Relocate/Improve Fuel Farm Establish Heliport/Pave Apron

South Albany
Airport

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

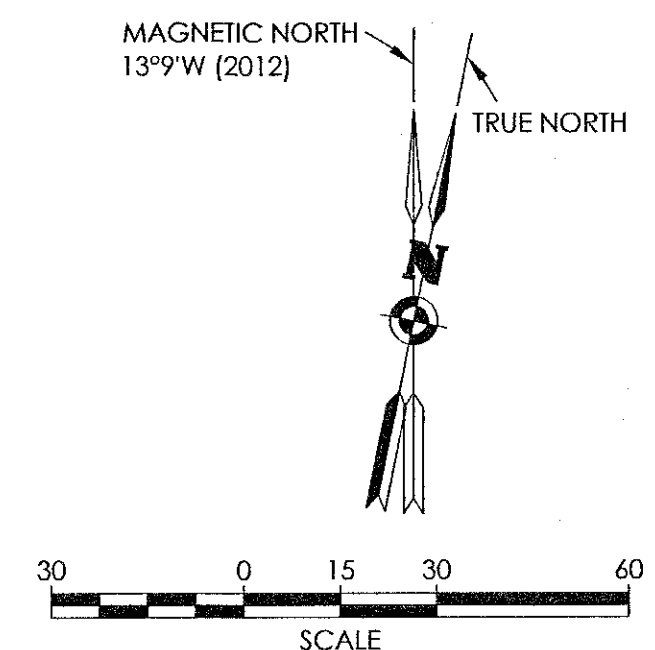
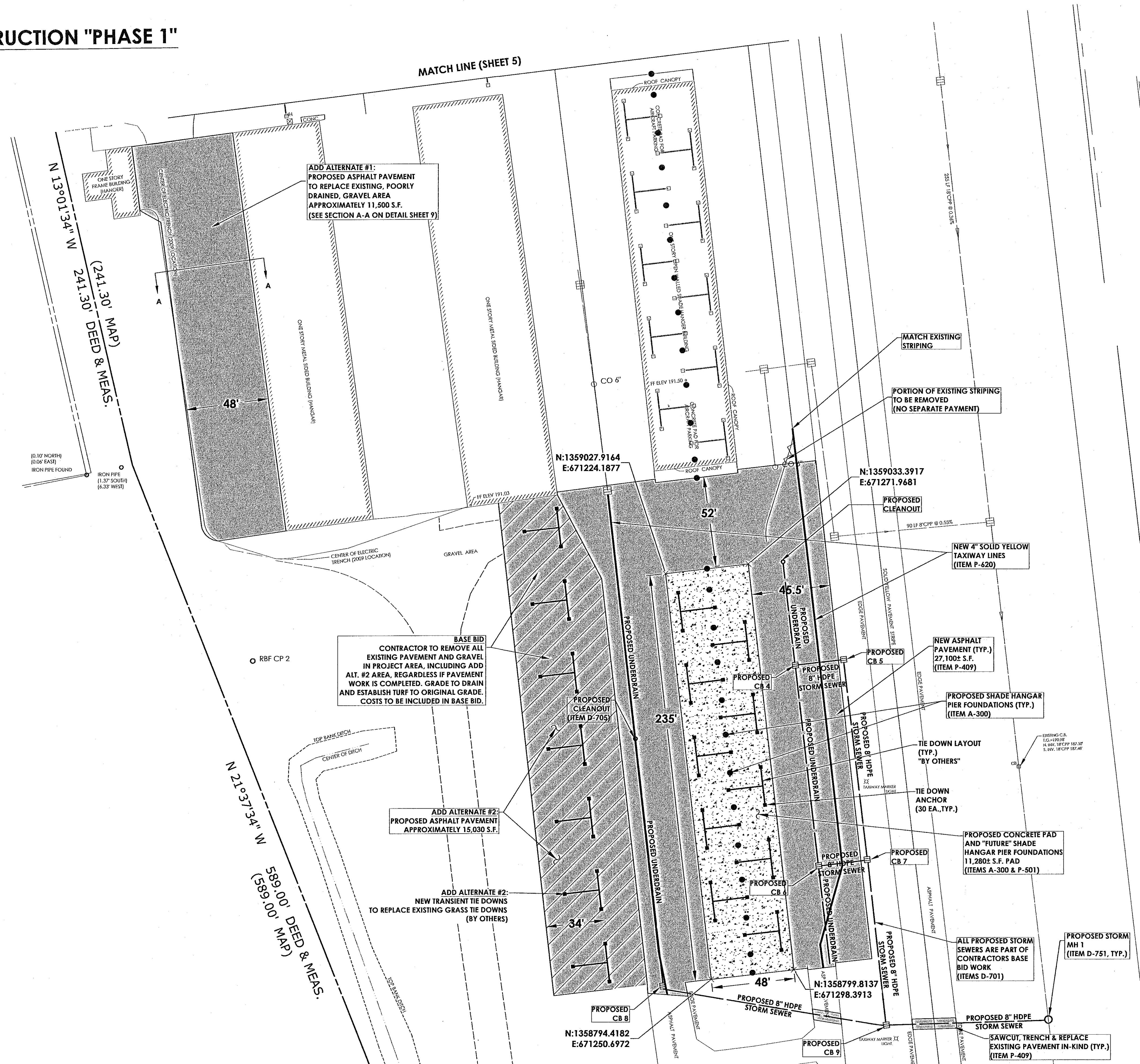
Project No.
25000247.0010

Drawing No.

4

Date
January, 2015

CONSTRUCTION "PHASE 1"



Town of Bethlehem
Planning Board Approval

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
This Site Plan Approved
Title *John F. Leahy*
Date 02/03/2015

SUP10C/SPA155C 08/05/14



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 PER TOWN COMMENTS AND SWPPP DEVELOPMENT	
2	7/1/14	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 2209 AND ARTICLE 147 SECTION 7307. THESE PLANS ARE COPYRIGHT PROTECTED. ©

Site Plan

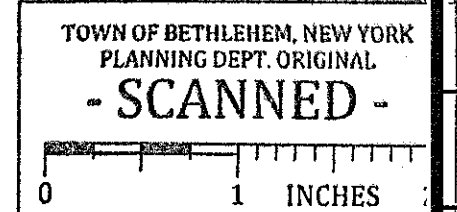
Relocate/Improve Fuel Farm
Establish Heliport/Pave Apron

**South Albany
Airport**

Town/City: Town of Bethlehem
County: Albany State: New York
Project No. **25000247.0010**

Drawing No. **6**

Date **January, 2015**



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

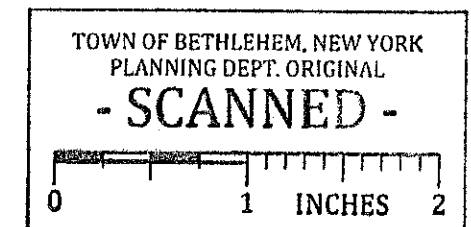
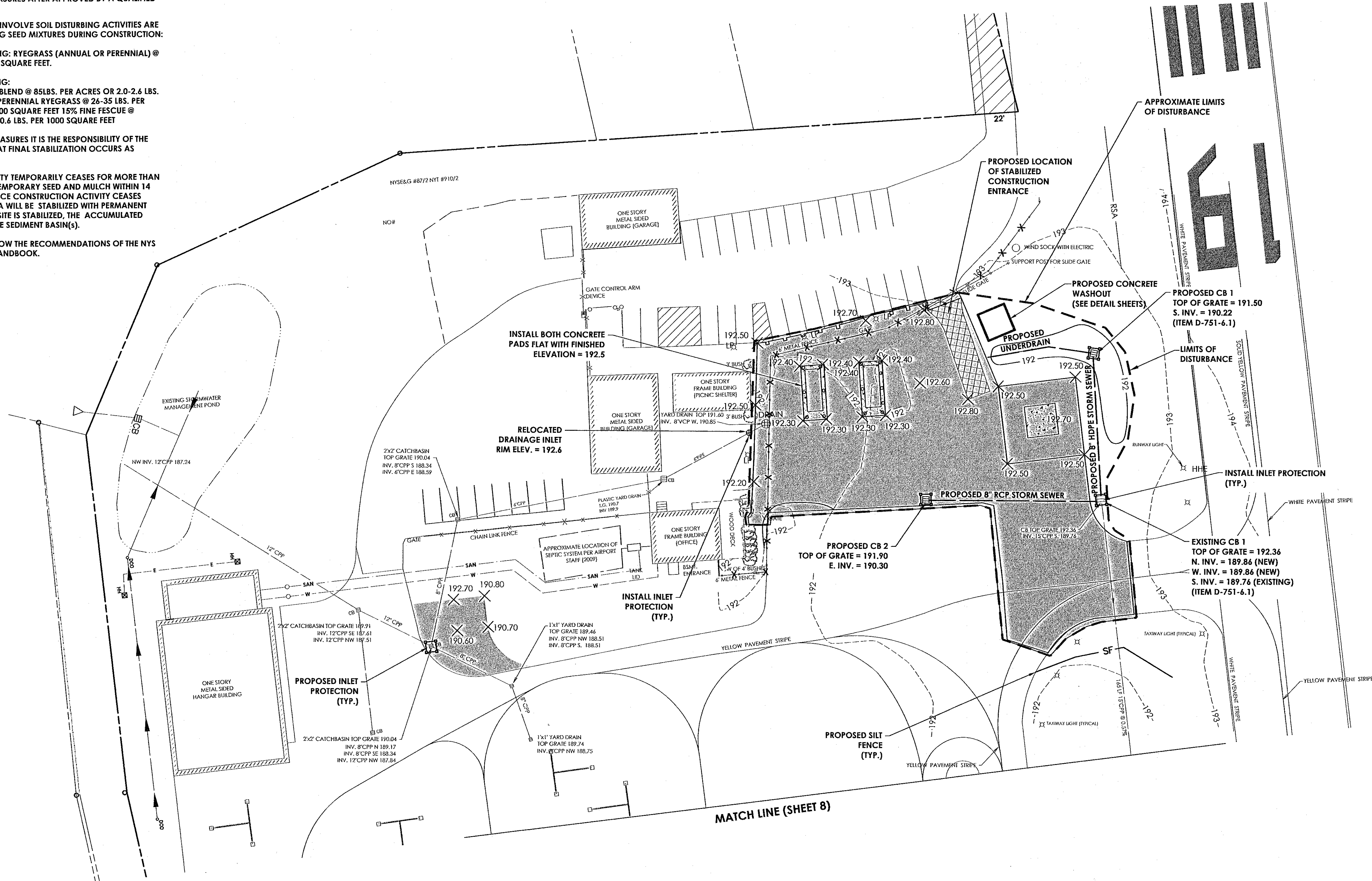
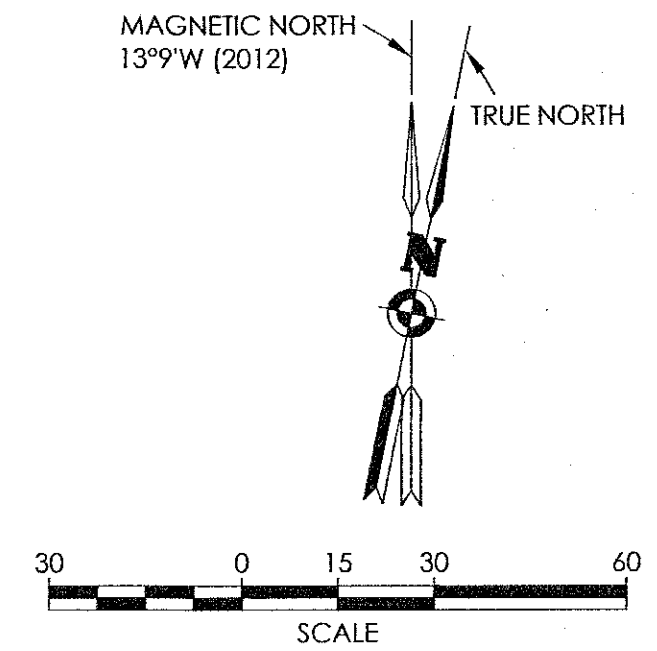
FOR ALL SEEDING & STABILIZATION MEASURES IT IS THE RESPONSIBILITY OF THE OWNER & DEVELOPER TO ENSURE THAT FINAL STABILIZATION OCCURS AS REQUIRED BY THE NYSDEC.

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).

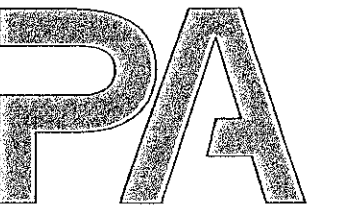
*ALL SEED MIXTURES USED SHALL FOLLOW THE RECOMMENDATIONS OF THE NYS SEDIMENT AND EROSION CONTROL HANDBOOK.

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, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955,

CONSTRUCTION "PHASE 1"

NOTE: ALL WORK AS SHOWN ON THIS SHEET SHALL BE THE RESPONSIBILITY OF THE SELECTED SITE CONTRACTOR AND ALL COSTS SHALL BE INCLUDED IN RESPECTIVE BASE BID ITEMS

MATCH LINE (SHEET 7)

SEE SECTION A-A ON
DETAIL SHEET

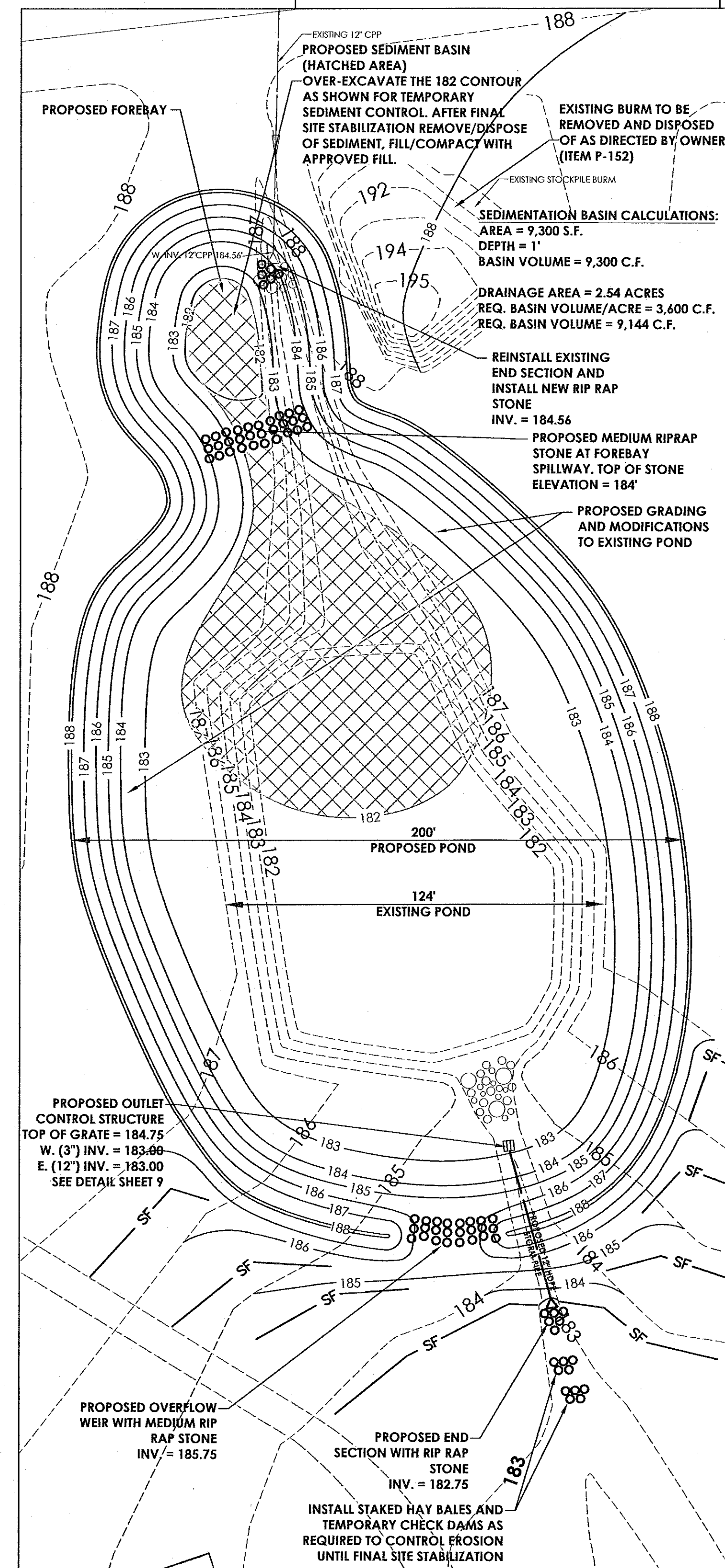
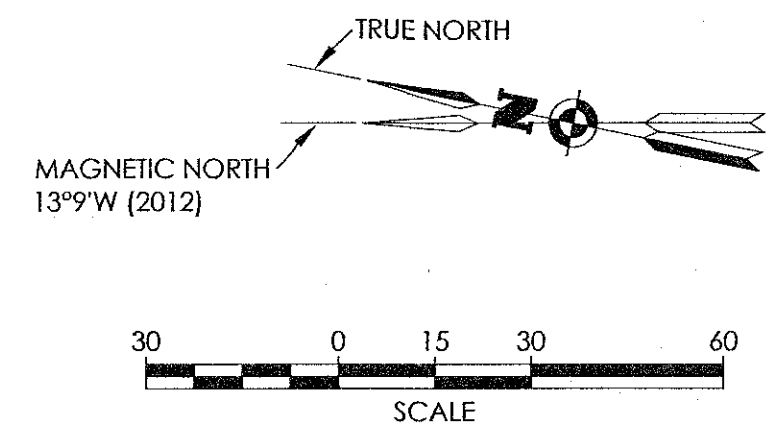
CONNECT PROPOSED
UNDERDRAIN TO
EXISTING CB
INV. = 188.80

CLEAR, SHAPE AND
REESTABLISH TURF IN EXISTING
DRAINAGE WAY TO CREATE
VEGETATIVE SWALE WHICH
DRAINS PROPERLY TOWARD
THE SOUTH. (COST TO BE
INCLUDED IN ITEM T-905)

MAGNETIC NORTH
13°9'W (2012)

TRUE NORTH

SCALE
30 0 15 30 60



STORMWATER MANAGEMENT AREA EXPANSION
& OUTLET STRUCTURE REPLACEMENT
(SEE GENERAL PLAN FOR LOCATION ON SITE)

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 and 6
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) 934-8803

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

No.	Date	By	Description
1	5/16/14	M.N.	REVISIONS PER TOWN COMMENTS AND SWPPP DEVELOPMENT
2	7/1/14	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**

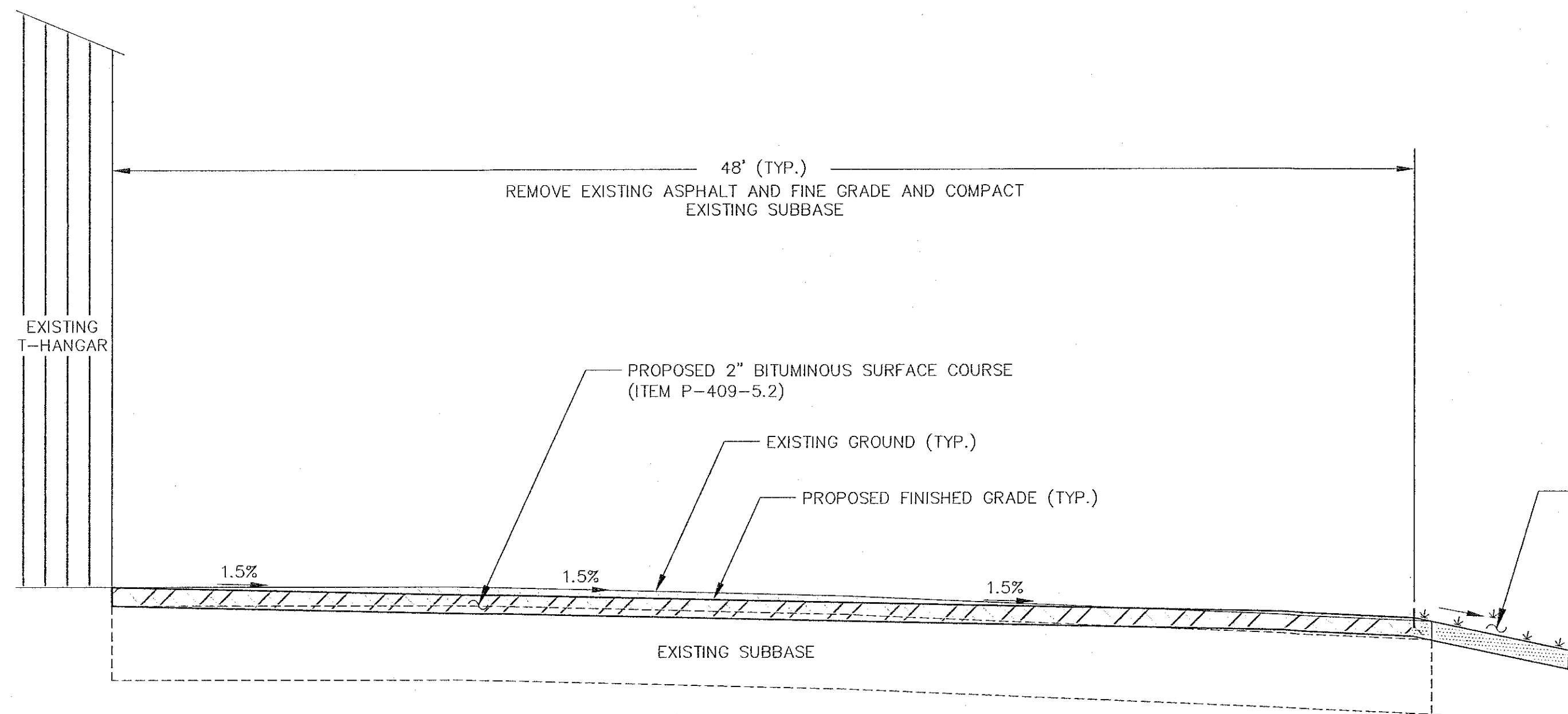
Town/City: Town of Bethlehem
County: Albany State: New York

Project No.
25000247.0010

Drawing No.

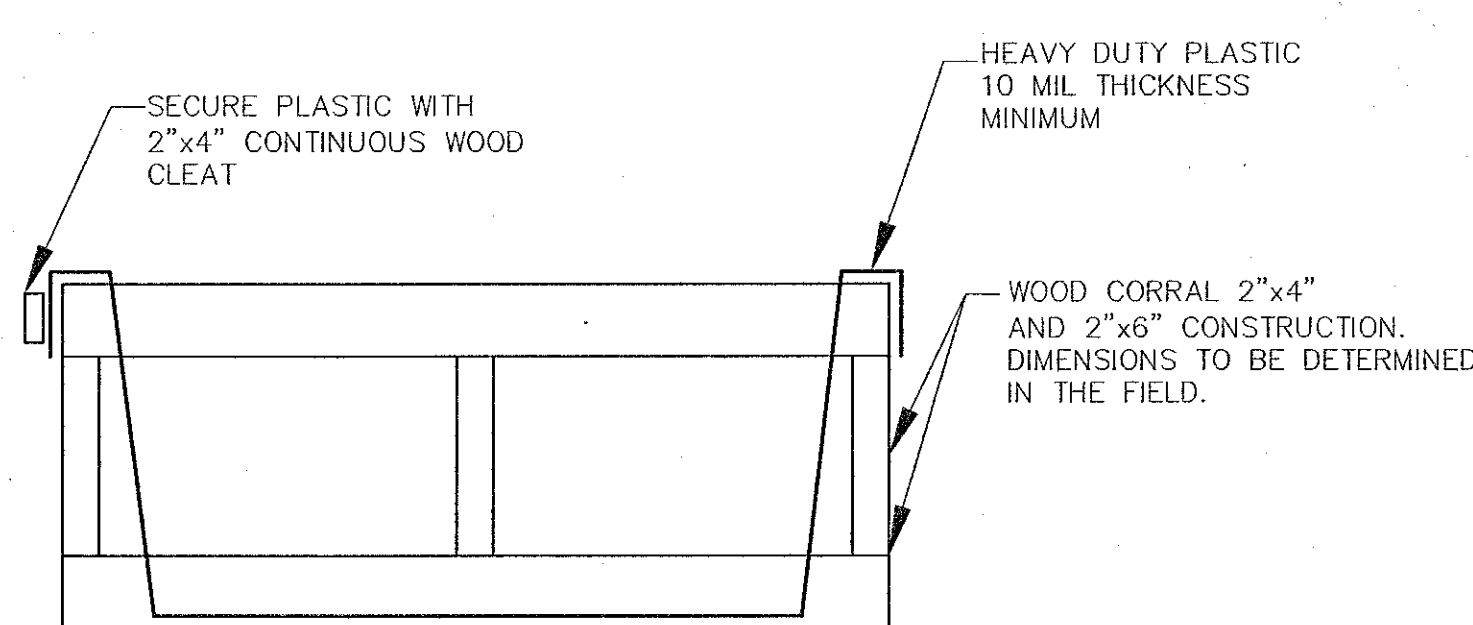
8

Date
January, 2015



**ADD ALTERNATE NO. 1
PAVEMENT SECTION A-A**

N.T.S.



CONCRETE WASHOUT STATION

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

PROPOSED 3" TOPSOIL (ITEM T-905),
SEEDING AND MULCHING
(BY OTHERS)

GRADING NOTES:

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 CUT & FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY OF STANDARD PROCTOR TEST AT OPTIMUM MOISTURE CONTENT.
3. THE COMPACTION TESTS WILL BE CONDUCTED BY A LICENSED TESTING LABORATORY AND RESULTS SUBMITTED TO DESIGN ENGINEER.
4. SLOPES SHALL NOT EXCEED 1' VERTICAL TO 3' HORIZONTAL.

**CONSTRUCTION SEQUENCE FOR
GRADING AND EROSION CONTROL:**

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 PARKING LOT AND ROADWAY AREAS AND PREPARE FOR MATERIAL INSTALLATION.
8. INSTALL ROAD 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.

SEEDING NOTE:

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

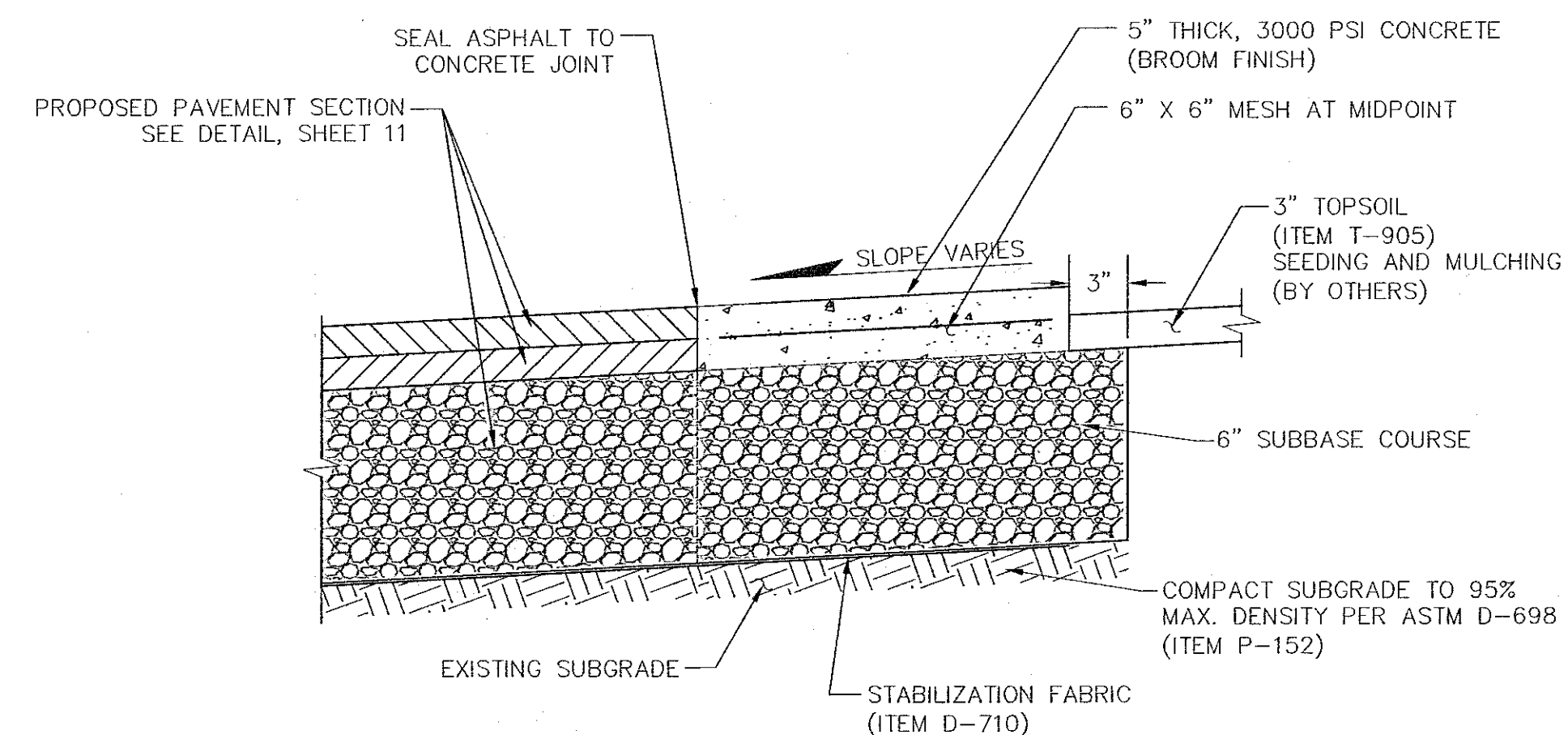
ADD 6" TOPSOIL & TEMPORARY SEEDING: RYEGRASS (ANNUAL OR PERENNIAL) @ 30LBS. PER ACRE OR 0.7 LBS. PER 1000 SQUARE FEET.

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.

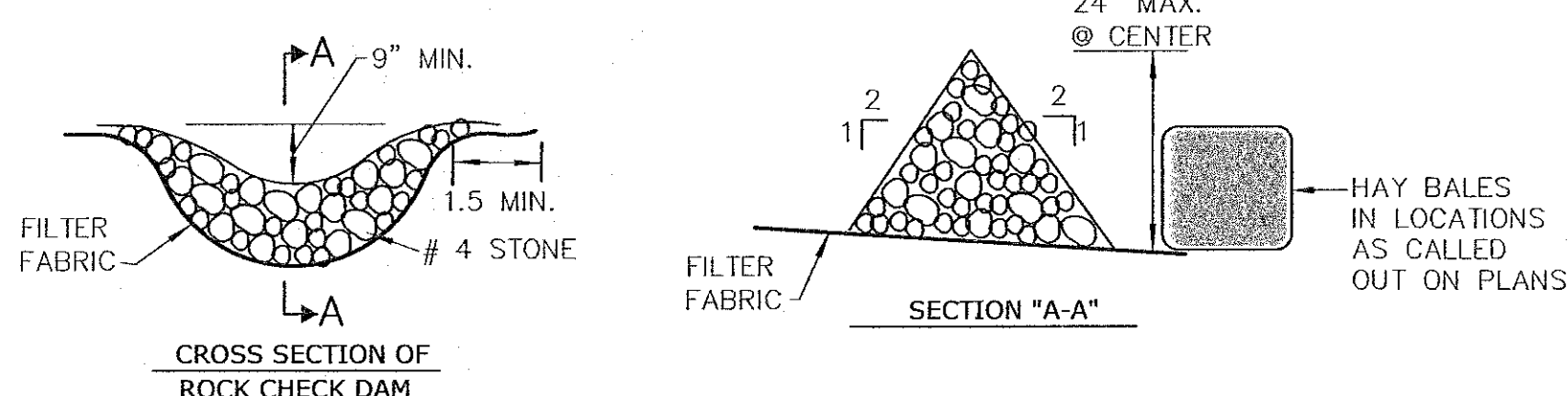
AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 14 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE 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.



CONCRETE PAD DETAIL

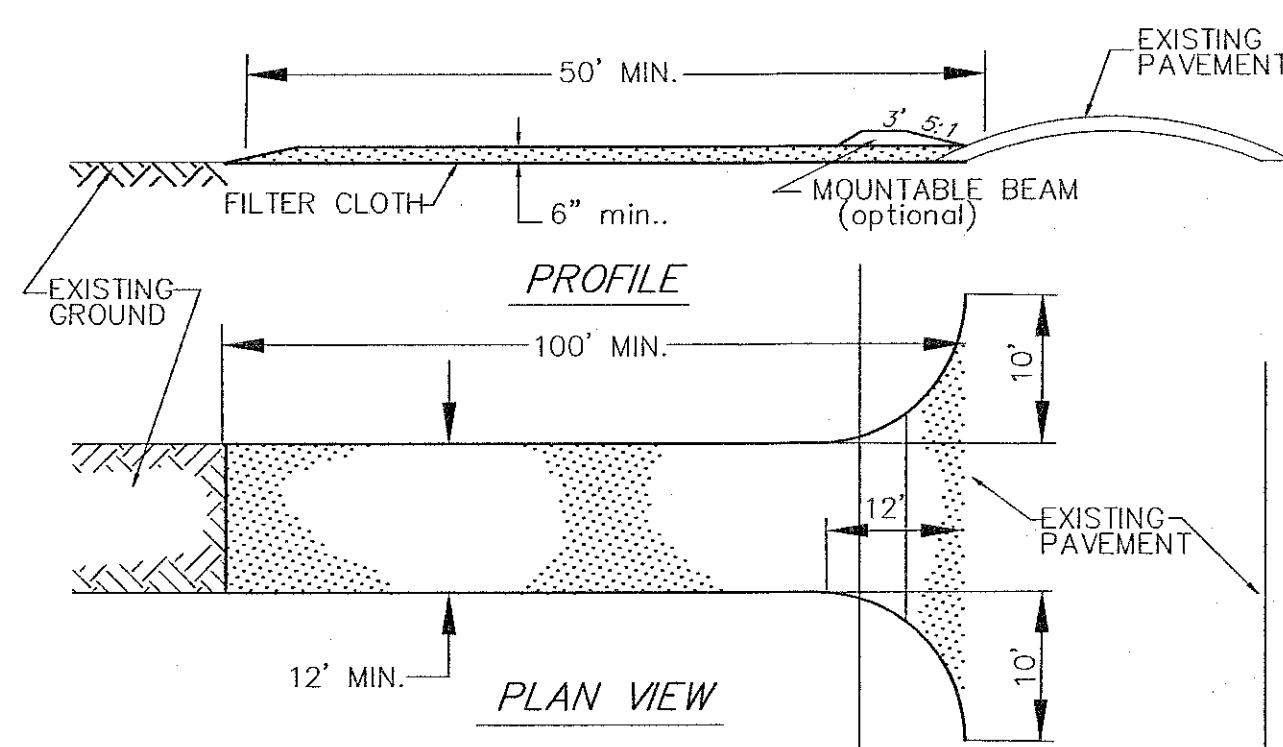
N.T.S.
(ITEMS P-501)



**CROSS SECTION OF
ROCK CHECK DAM**

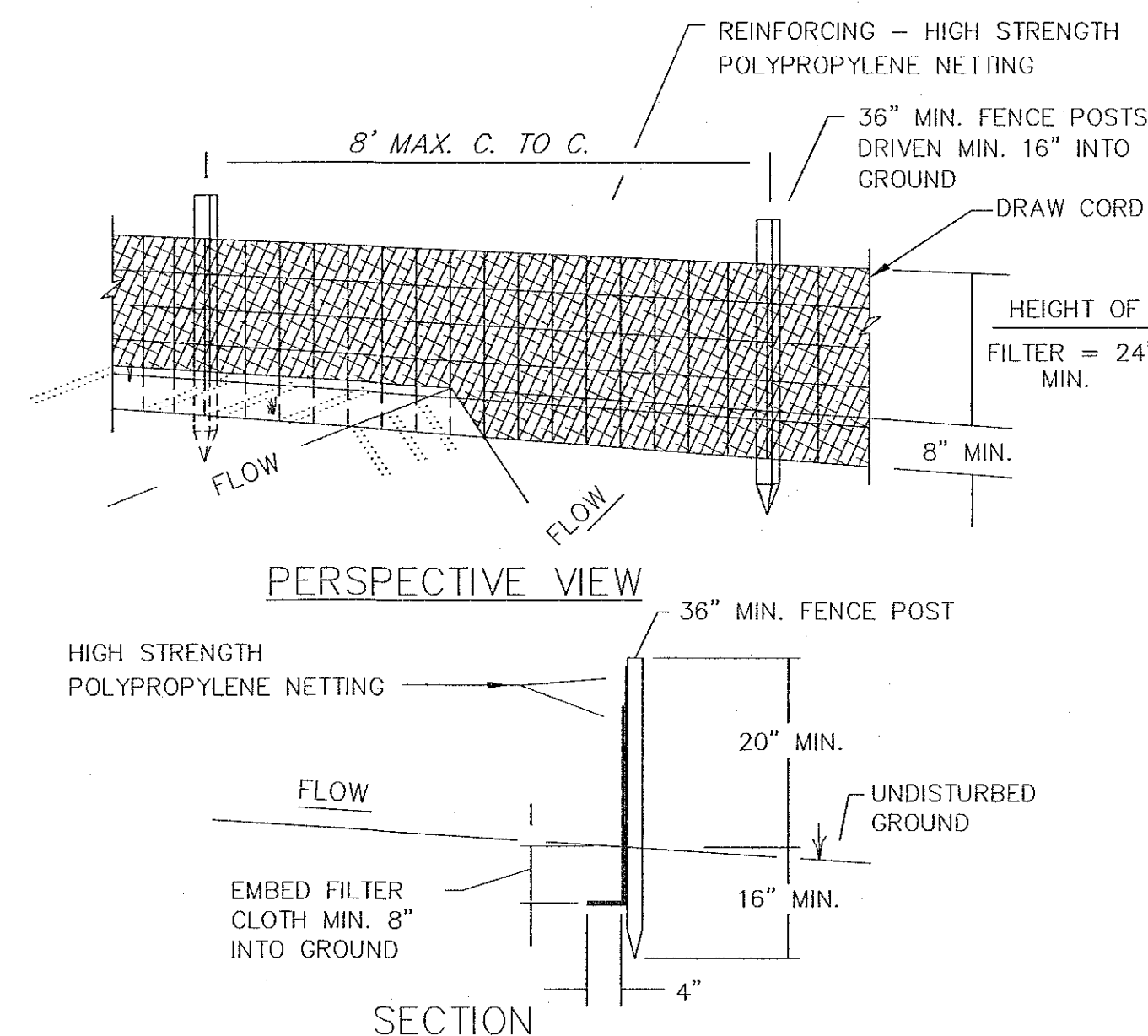
NOTES:

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



CONSTRUCTIONS SPECIFICATIONS

1. STONE SIZE--USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT
2. LENGTH--AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY)
3. THICKNESS--NOT LESS THAN SIX (6) INCHES
4. 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.
5. 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.
6. 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
7. PERIODIC INSPECTION AS NEEDED TO ENSURE NO TRACKING ONTO THE STATE HIGHWAY.



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. SILT FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH TIES OR STAPLES.
 2. 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.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 4. 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.

SILT FENCE DETAIL

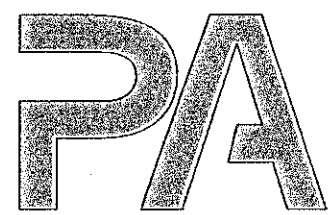
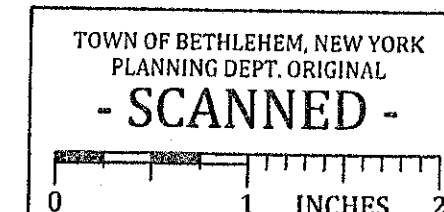
N.T.S.
(ITEM P-156)

STABILIZED CONSTRUCTION ENTRANCE DETAIL

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

TEMPORARY CHECK DAM DETAIL

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



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, 6-1
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 (518) 934-8804
Albany, NY 12207 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 PER TOWN COMMENTS AND SWPPP DEVELOPMENT
2	7/1/14	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 2309 AND ARTICLE 147 SECTION 7307. THESE PLANS ARE COPYRIGHT PROTECTED ©

Detail Sheet

**Relocate/Improve Fuel Farm
Establish Heliport/Pave Apron**

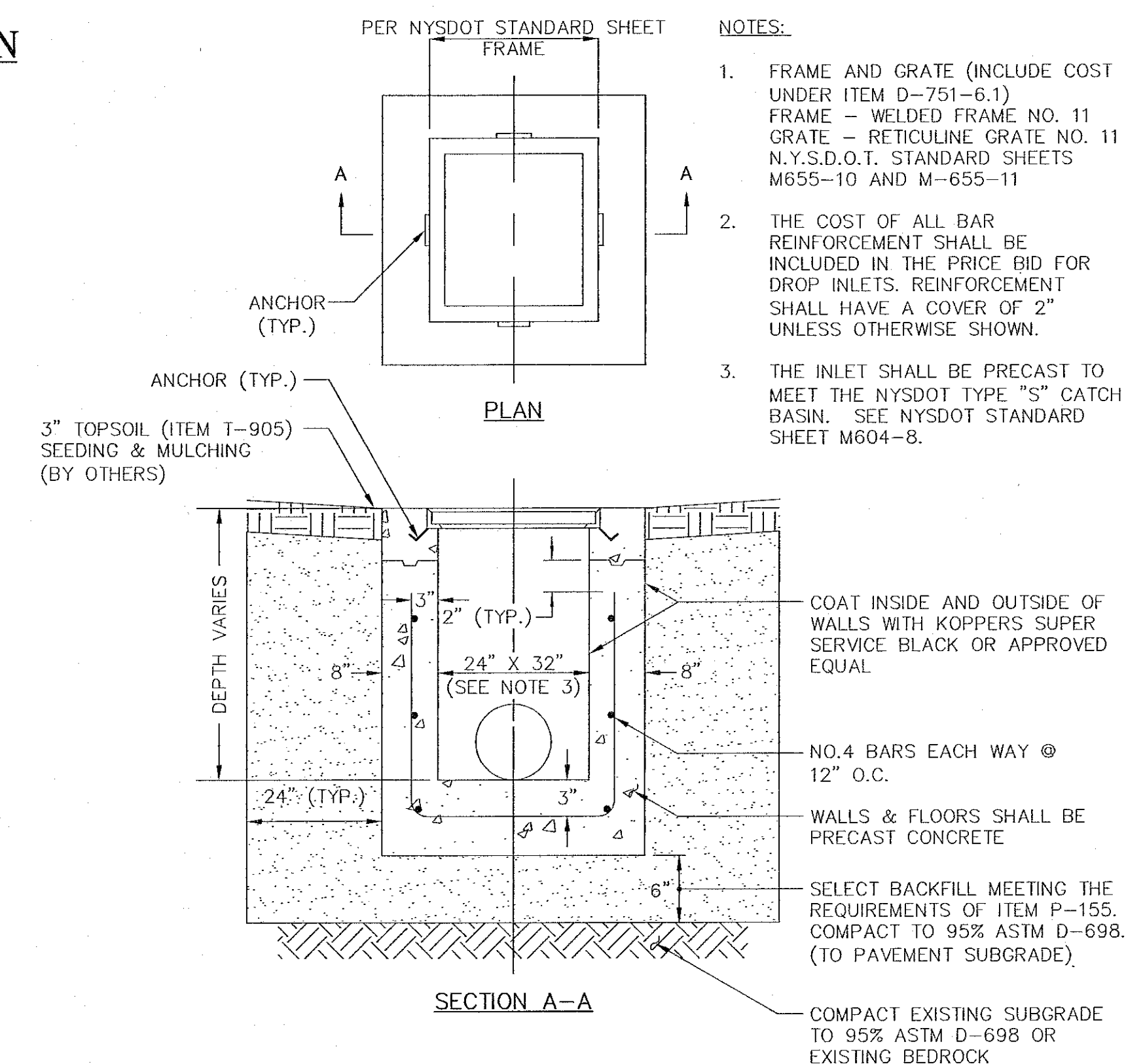
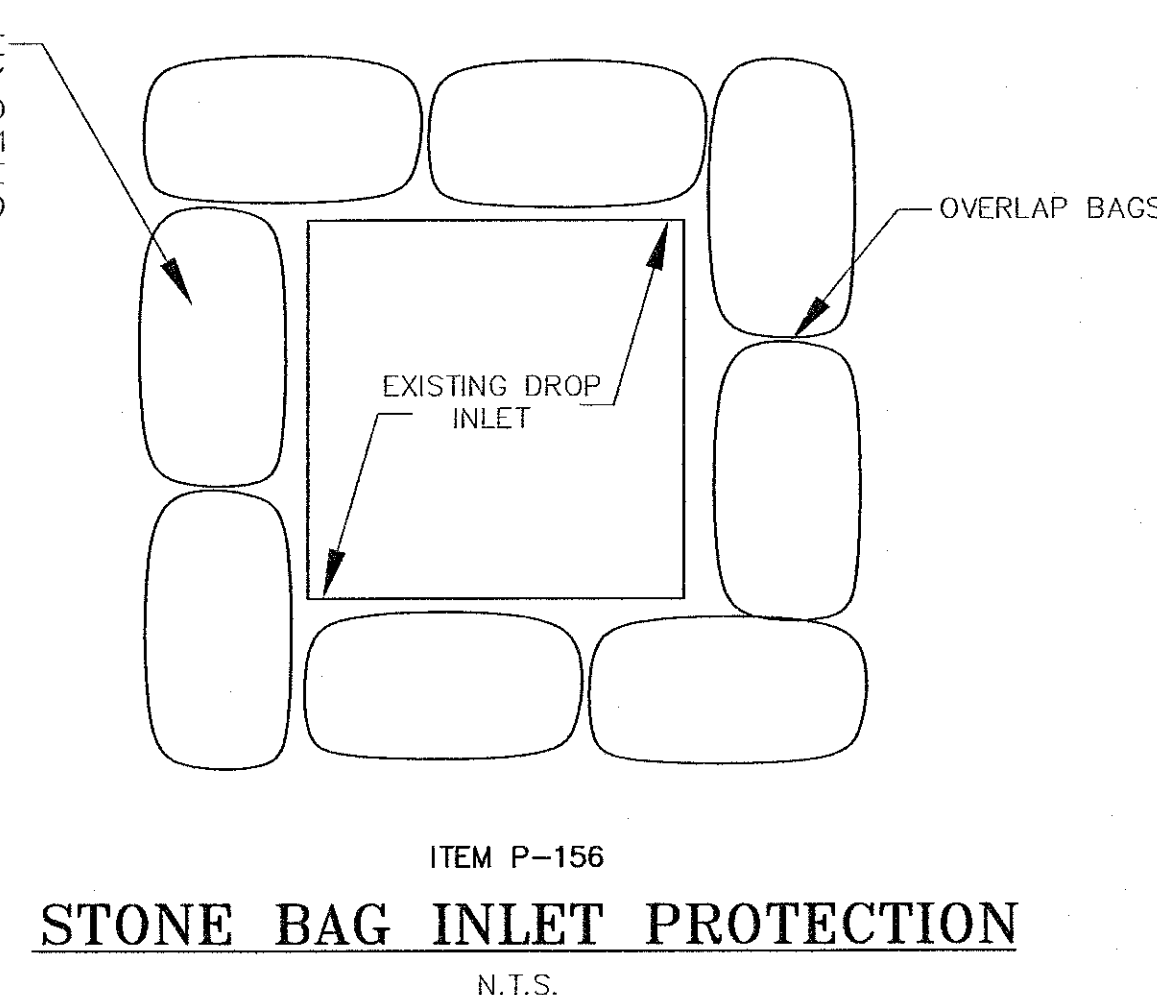
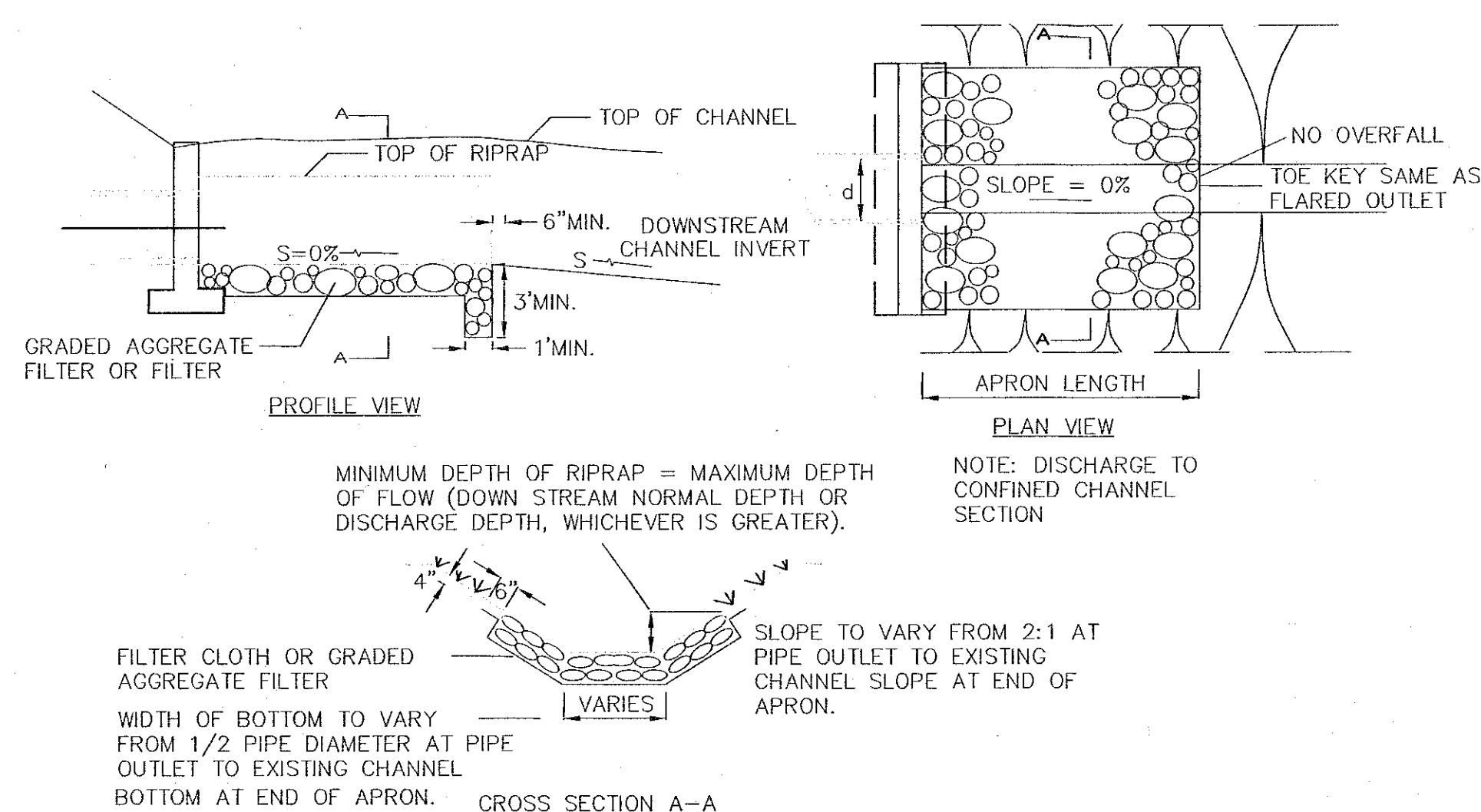
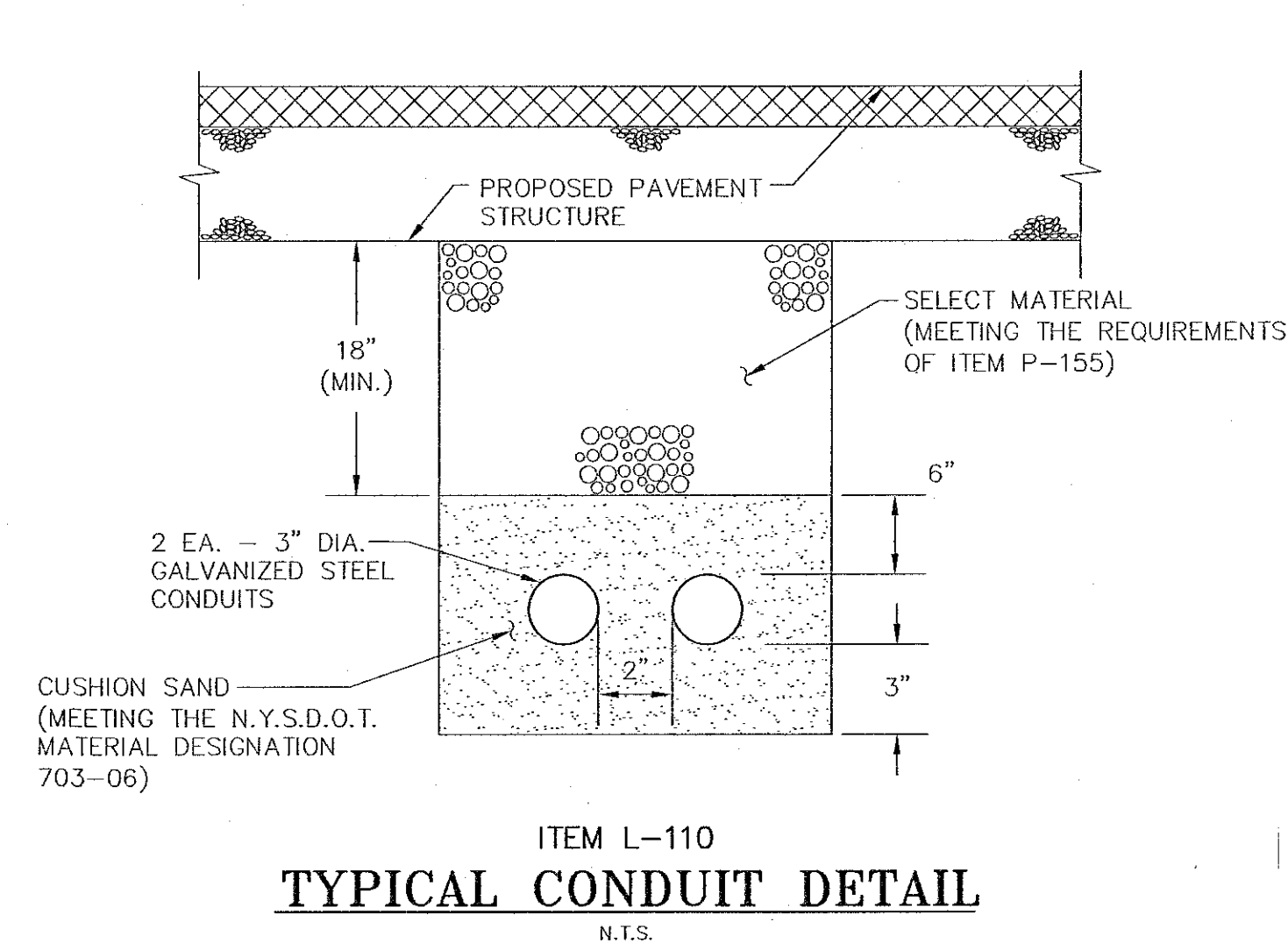
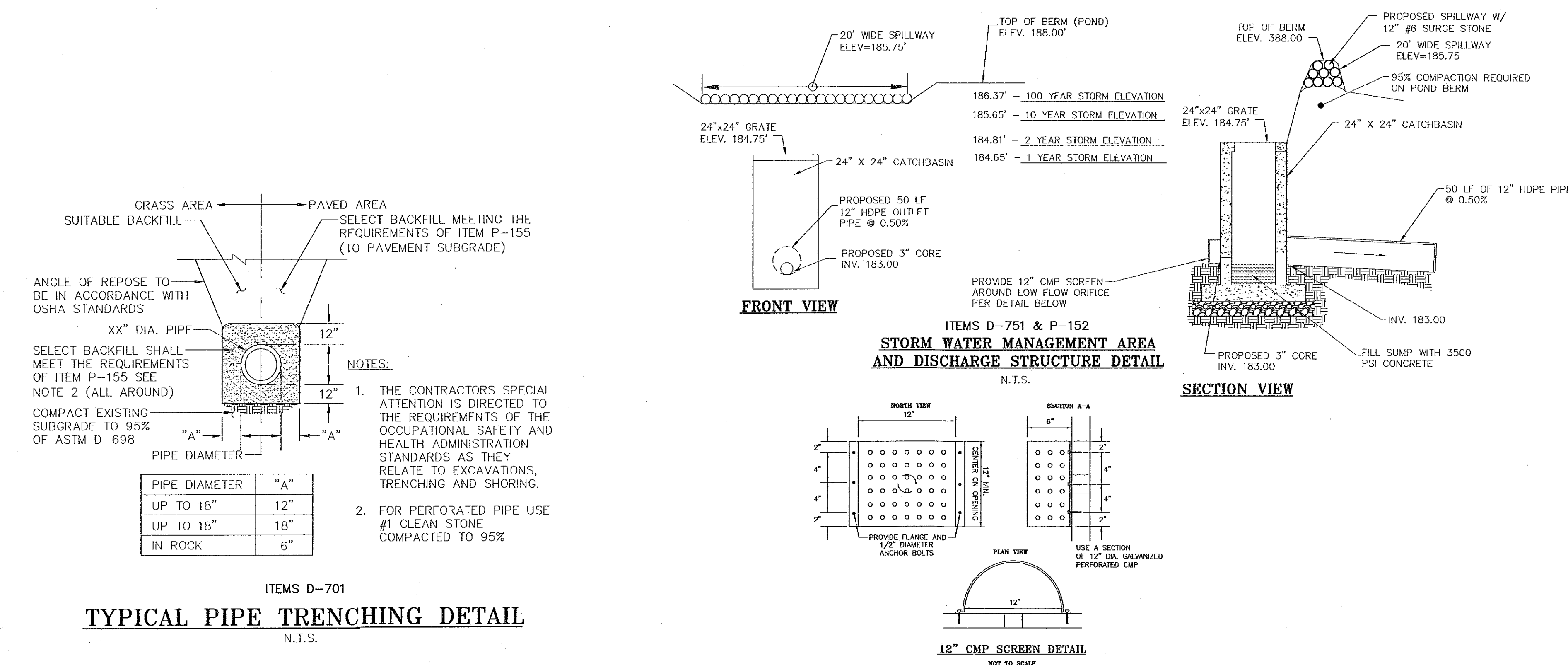
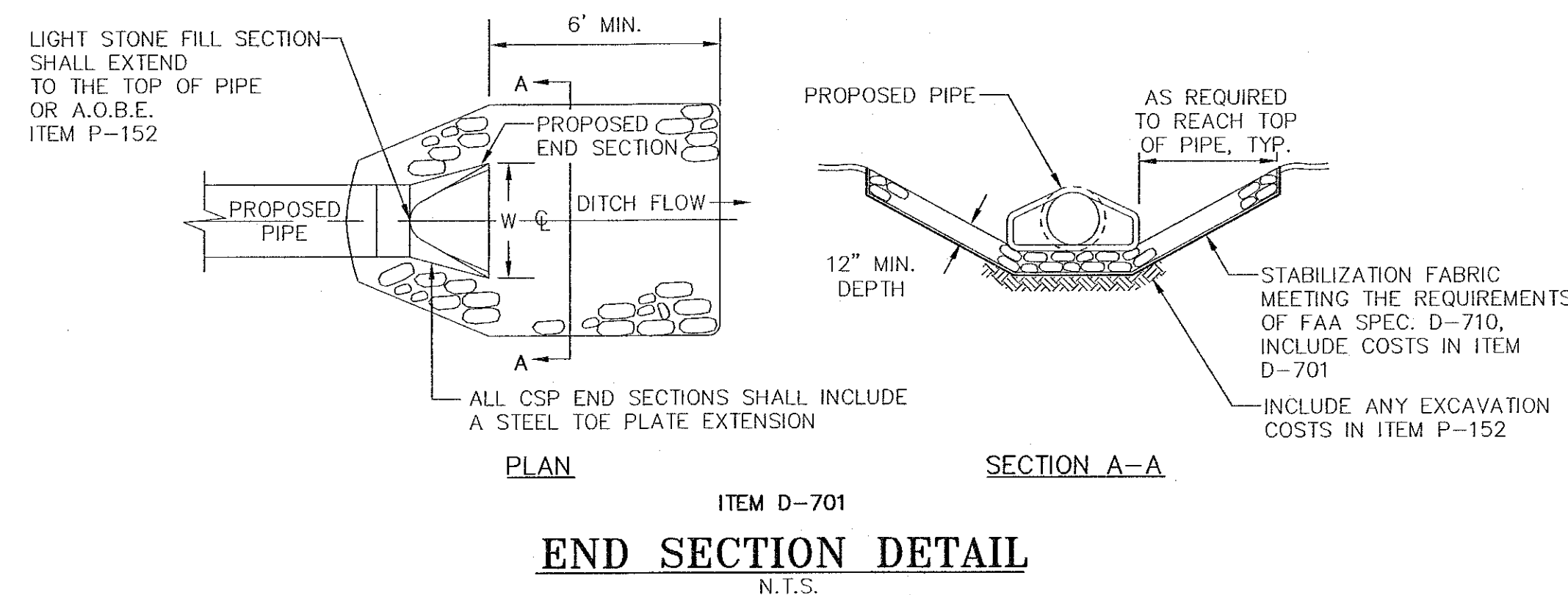
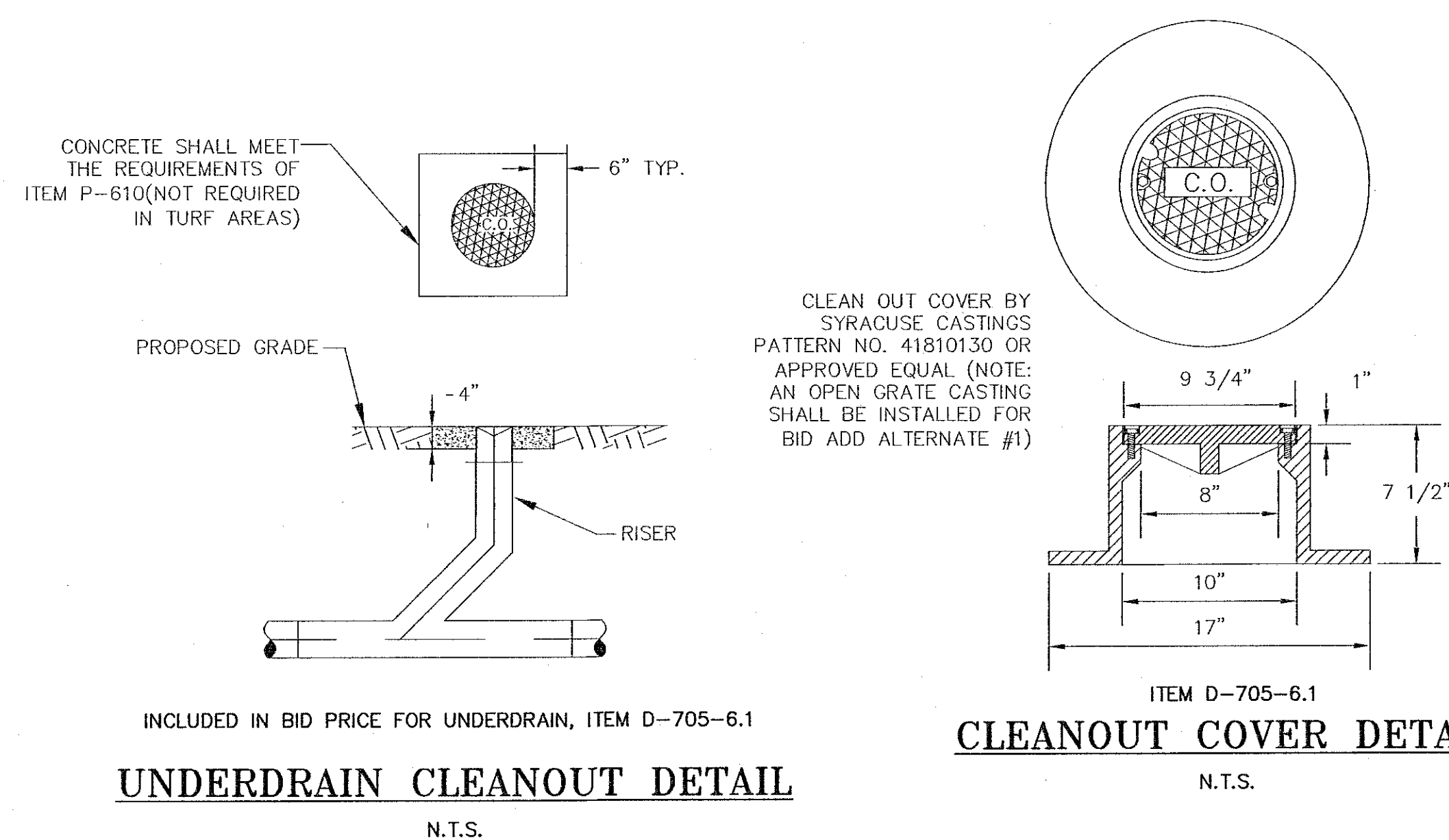
**South Albany
Airport**

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

Project No.
25000247.0010

Drawing No.
9

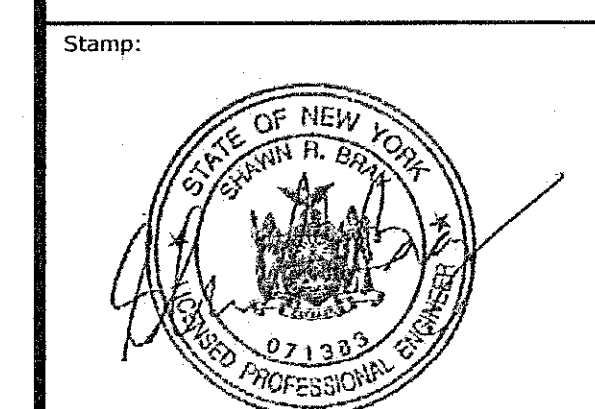
Date
January, 2015



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) D-705-6.1
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) 934-8903
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	7/1/14	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 ©

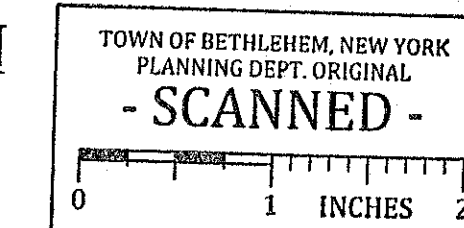
Relocate/Improve Fuel Farm
Establish Heliport/Pave Apron

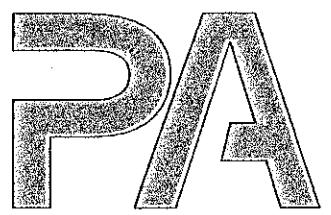
**South Albany
Airport**
Town/City: Town of Bethlehem
County: Albany State: New York

Project No.
25000247.0010

Drawing No.
10

Date
January, 2015





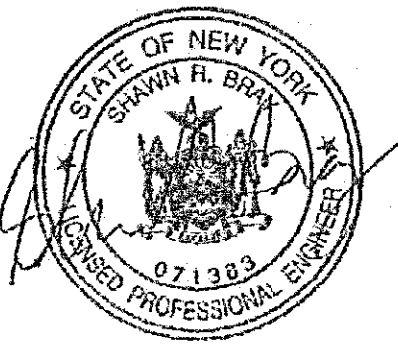
PASSERO ASSOCIATES

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 and 6
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) 934-8803

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 PER TOWN COMMENTS AND SWPPP DEVELOPMENT
2	7/1/14	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 ©

Detail Sheet

Relocate/Improve Fuel Farm
Establish Heliport/Pave Apron

South Albany
Airport

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

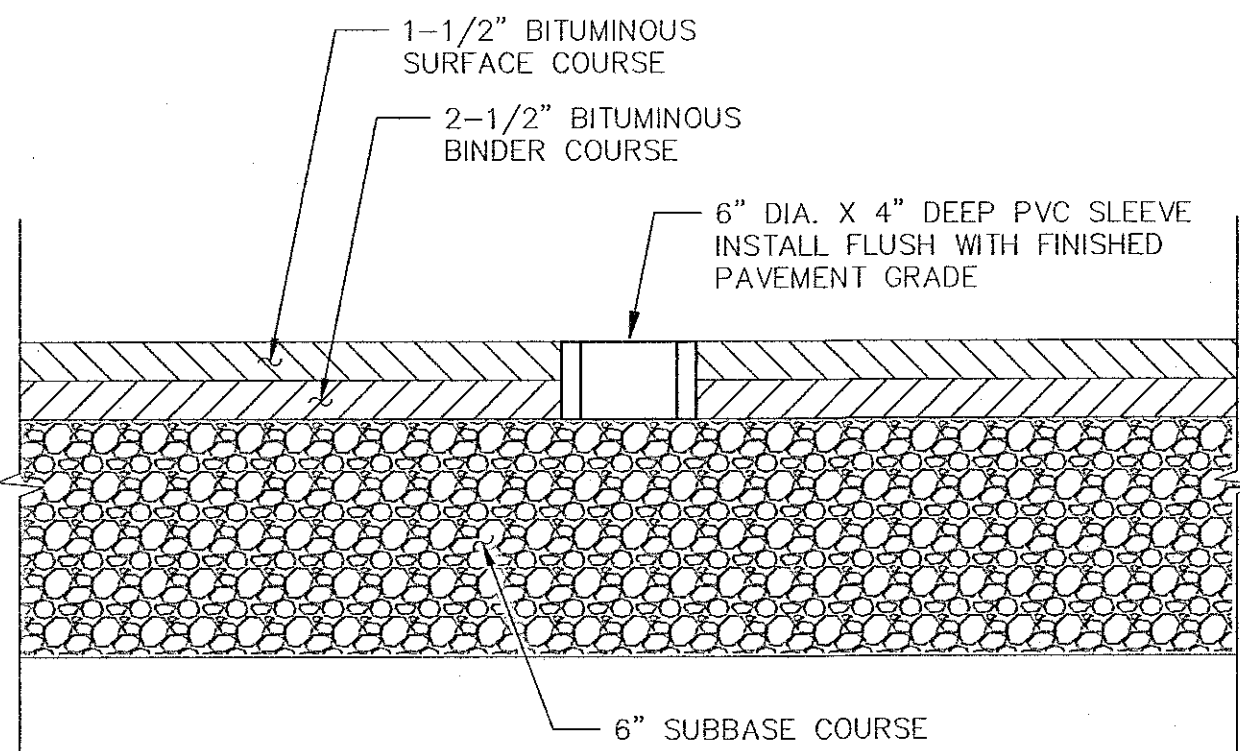
Project No.
25000247.0010

Drawing No.
11

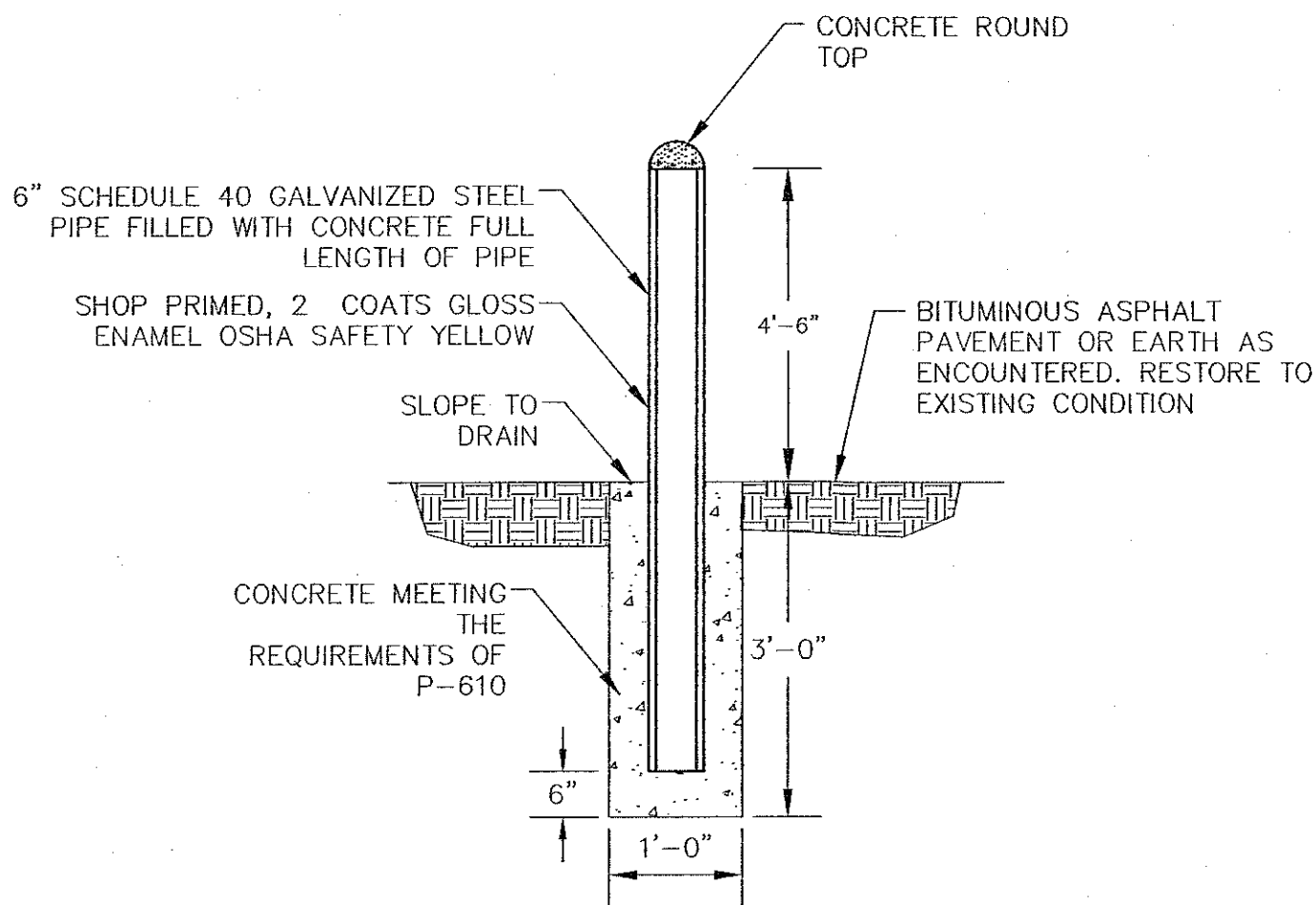
Date
January, 2015

NOTE:

1. THE OWNER WILL INSTALL THE FUTURE TIE-DOWN ANCHOR.

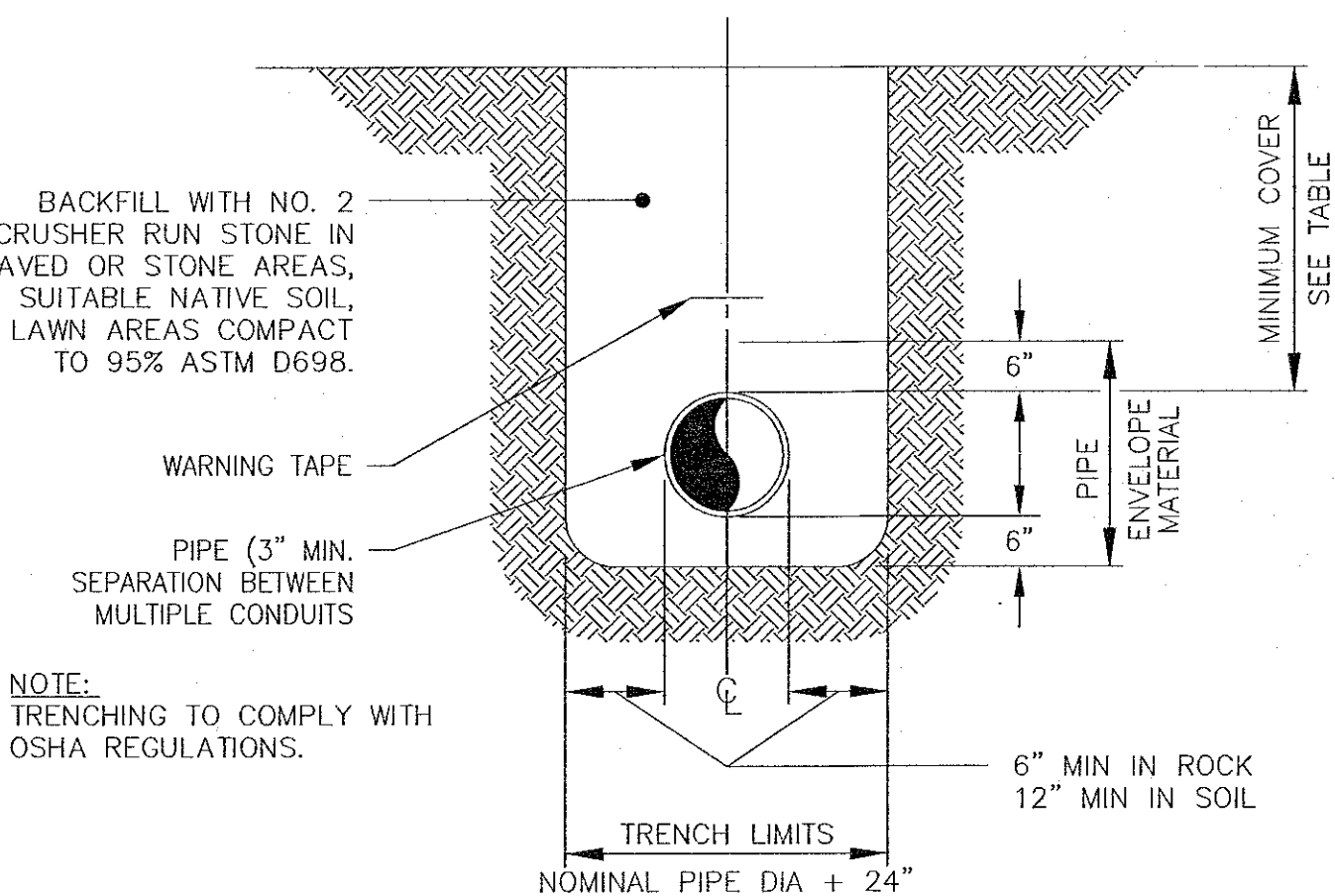


"BY OTHERS"
TIE-DOWN SLEEVE DETAIL
N.T.S.

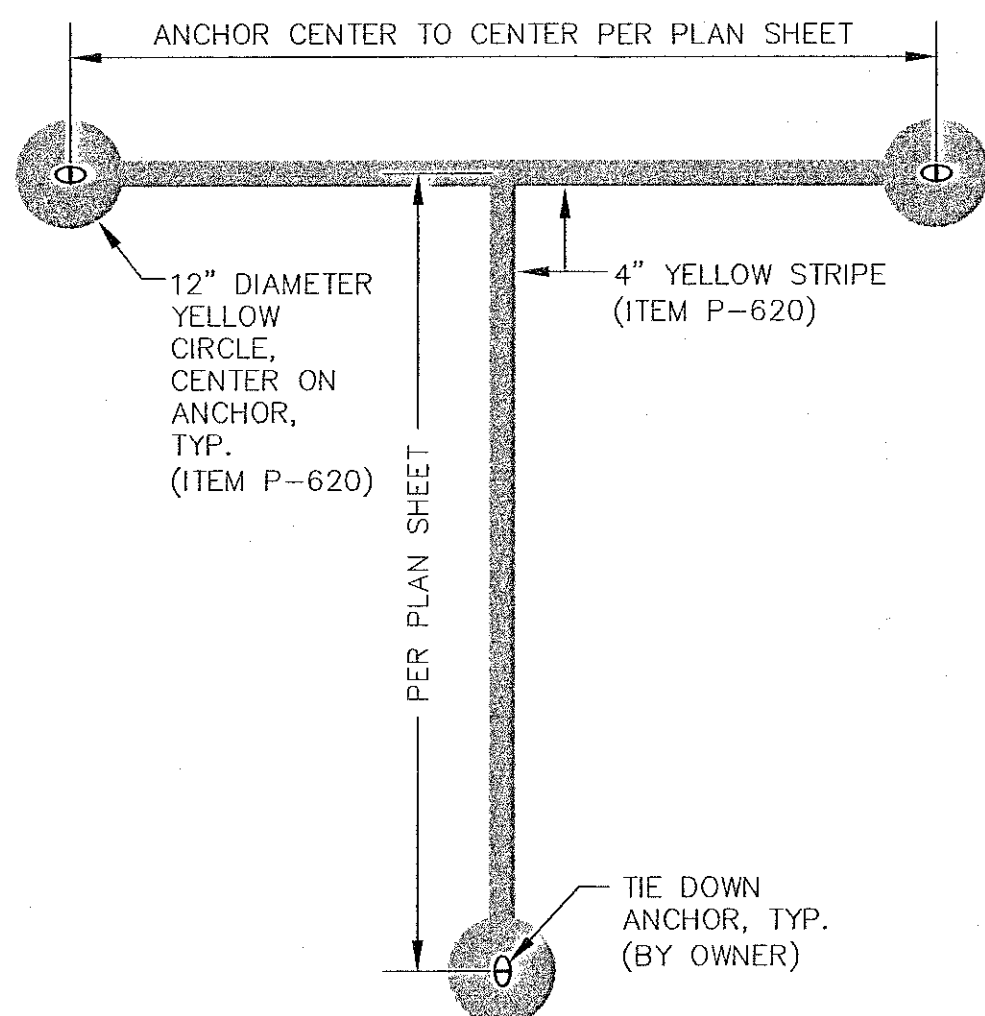


"BY OTHERS"
BOLLARD
N.T.S.

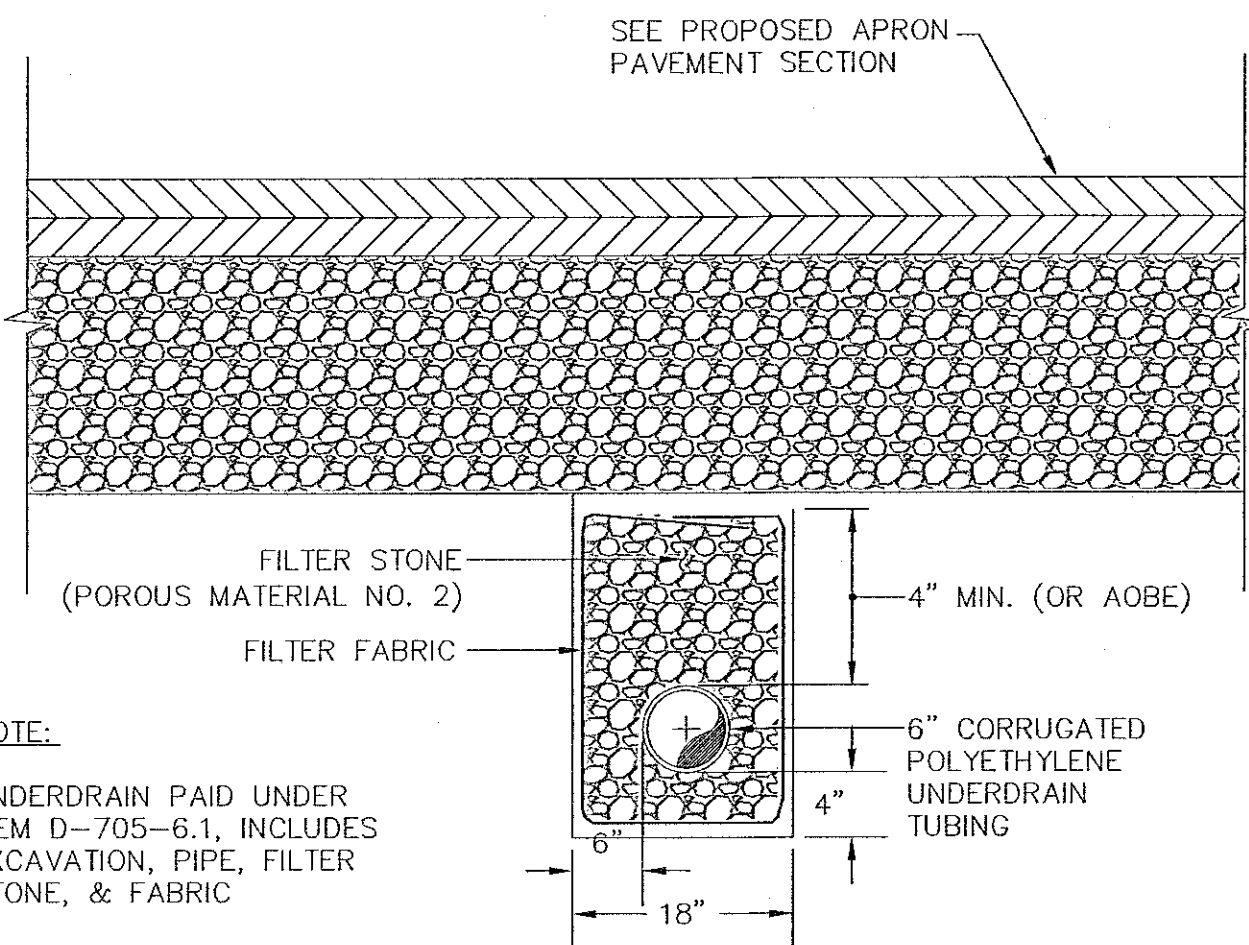
UTILITY	PIPE MATERIAL	PIPE ENVELOPE MATERIAL	MINIMUM COVER
ELECTRIC	4" PVC SCHEDULE 40	CLEAN EARTH, NO ROCKS OVER 2"	2' LAWN 3-6" PAVEMENT
WATER	1" PEX	SAND	4'-6"
SANITARY	4" PVC, SDR35	#1 STONE	4'-0"



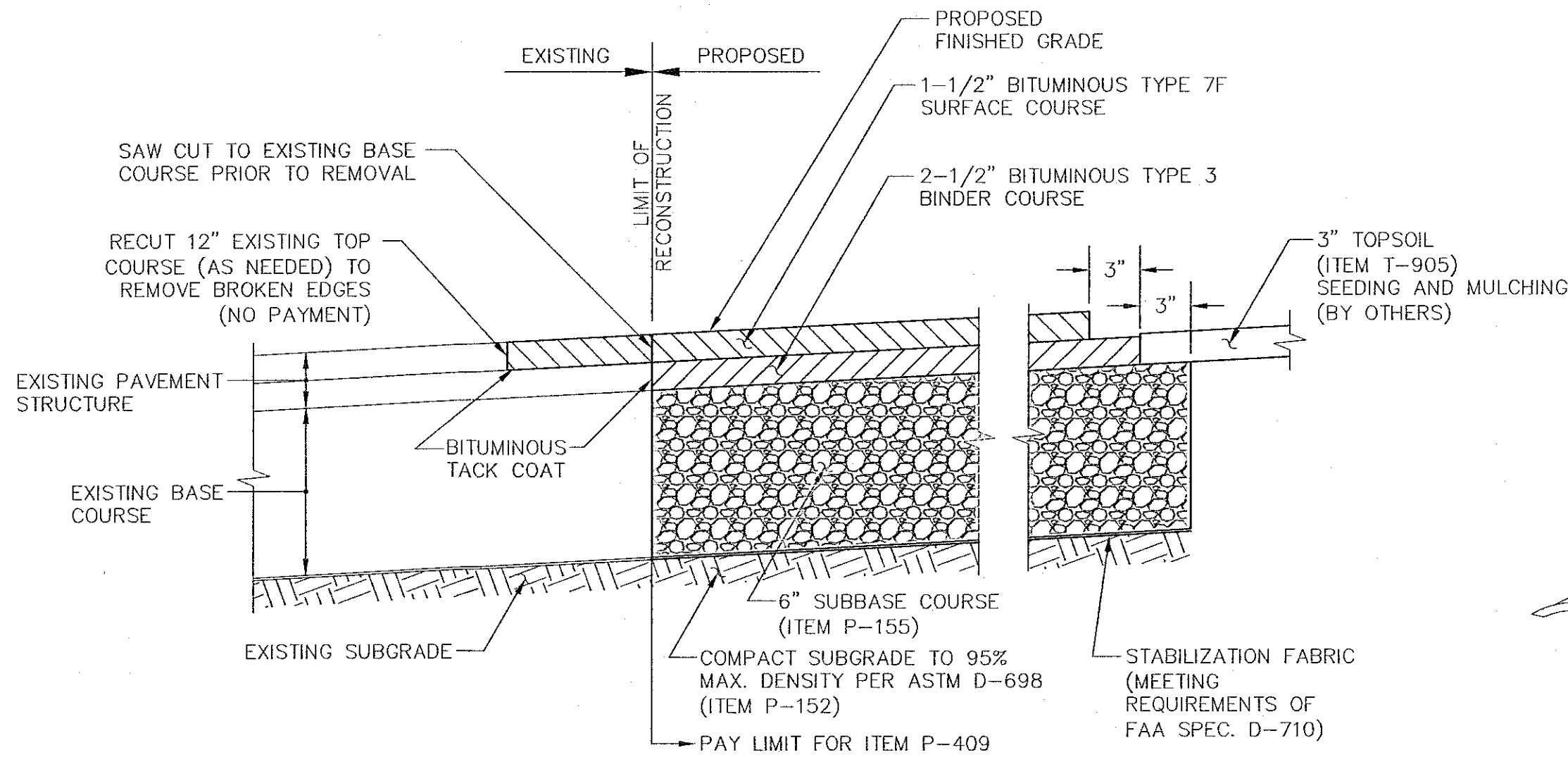
UTILITY TRENCH
N.T.S.



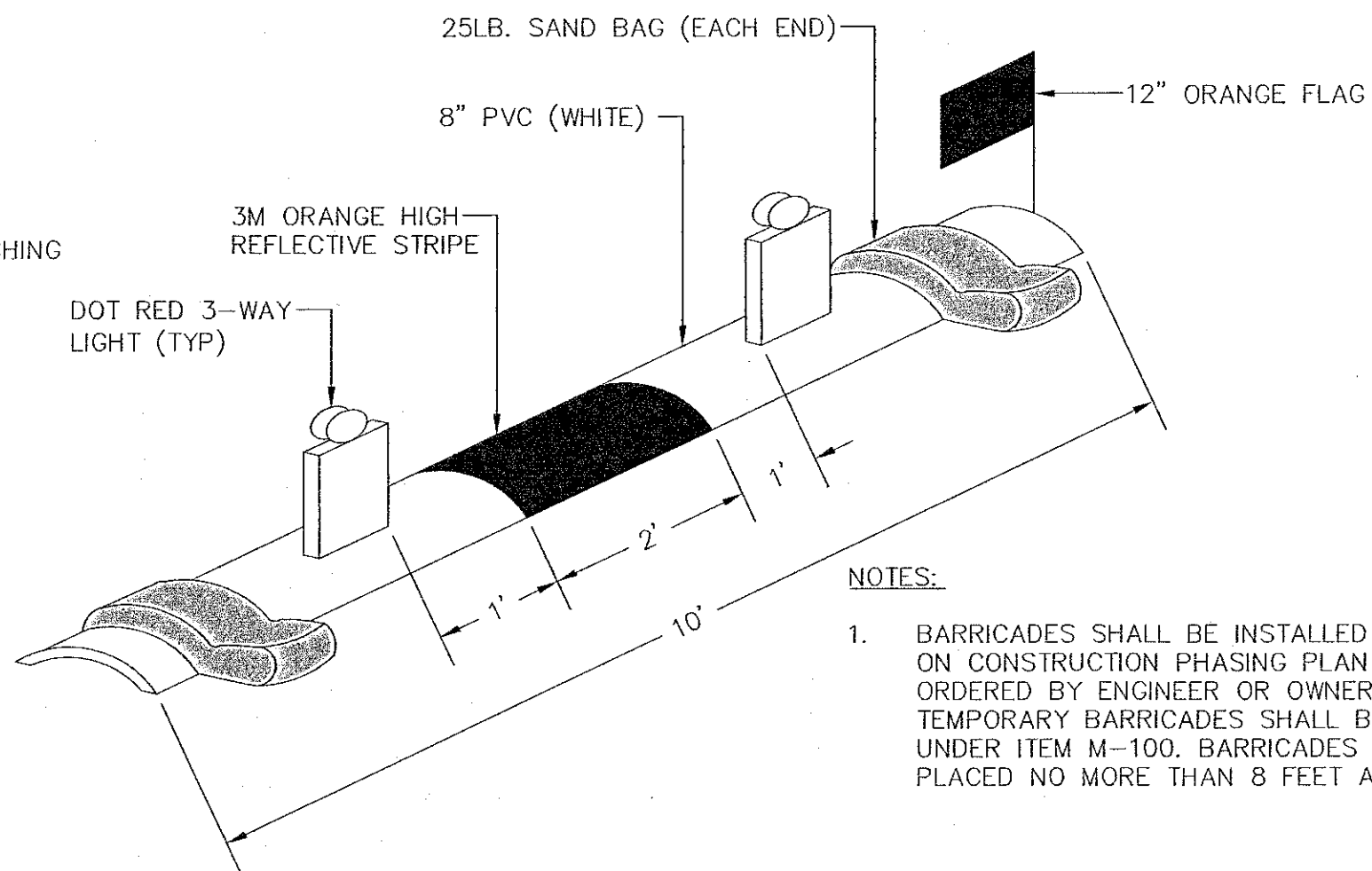
ITEM P-620
TIE DOWN MARKING
N.T.S.



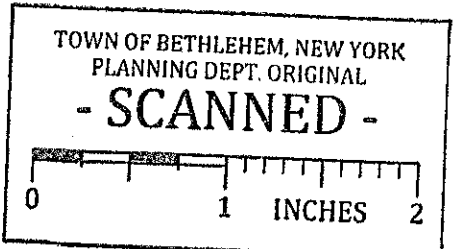
**TYPICAL UNDERDRAIN DETAIL
(UNDER PAVEMENT)**
N.T.S.

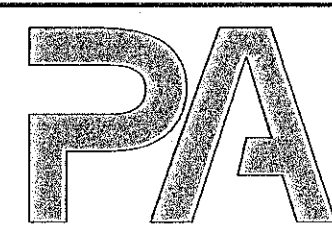


PAVEMENT SECTION DETAIL
N.T.S.



ITEM M-100
AIRPORT LOW-PROFILE BARRICADE
N.T.S.





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) 12 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 12203 (518) 934-8804 Fax: (518) 934-6803
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	7/1/14	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 7309 AND ARTICLE 147 SECTION 7307. THESE PLANS ARE COPYRIGHT PROTECTED ©

Detail Sheet

Relocate/Improve Fuel Farm
Establish Heliport/Pave Apron

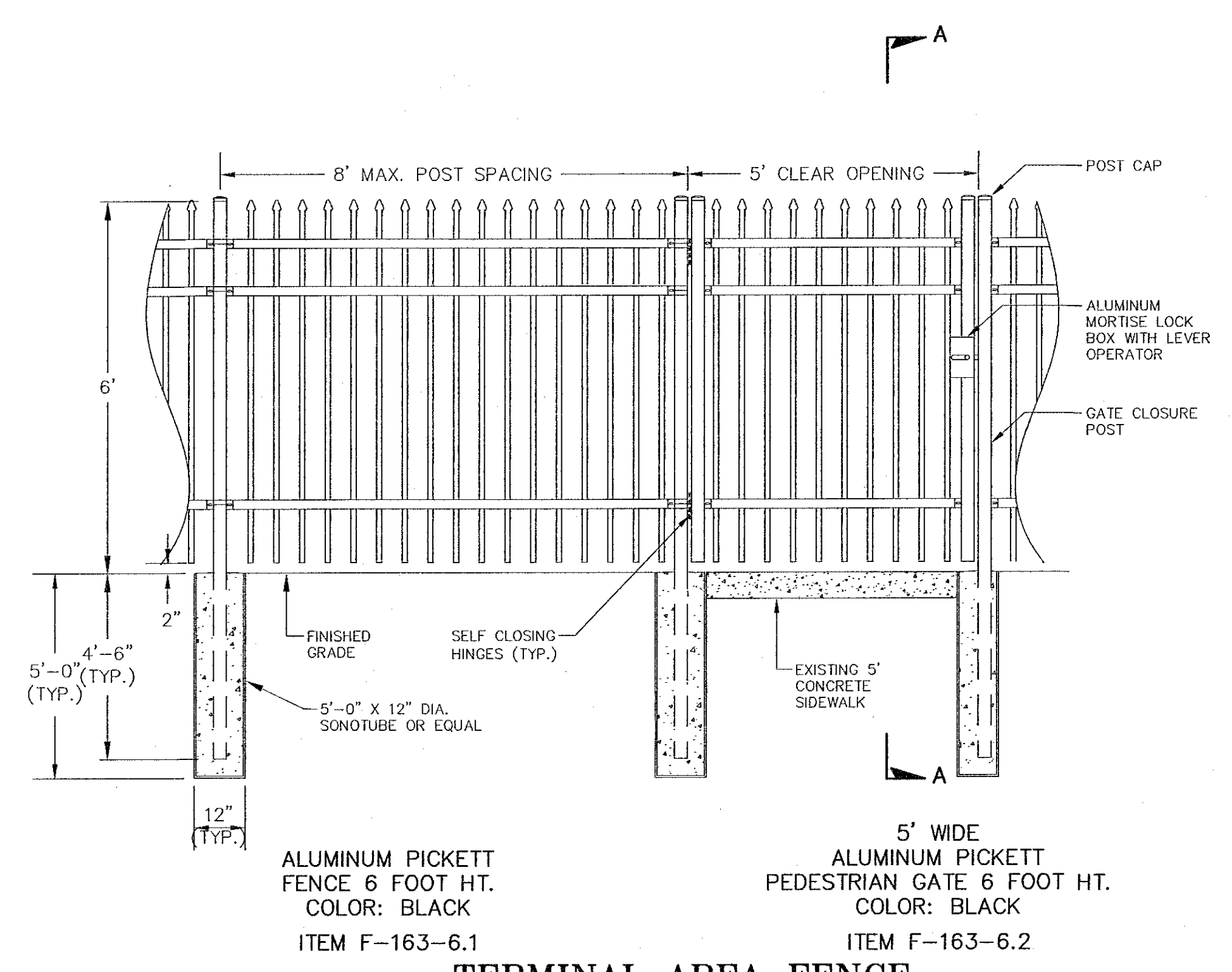
**South Albany
Airport**

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

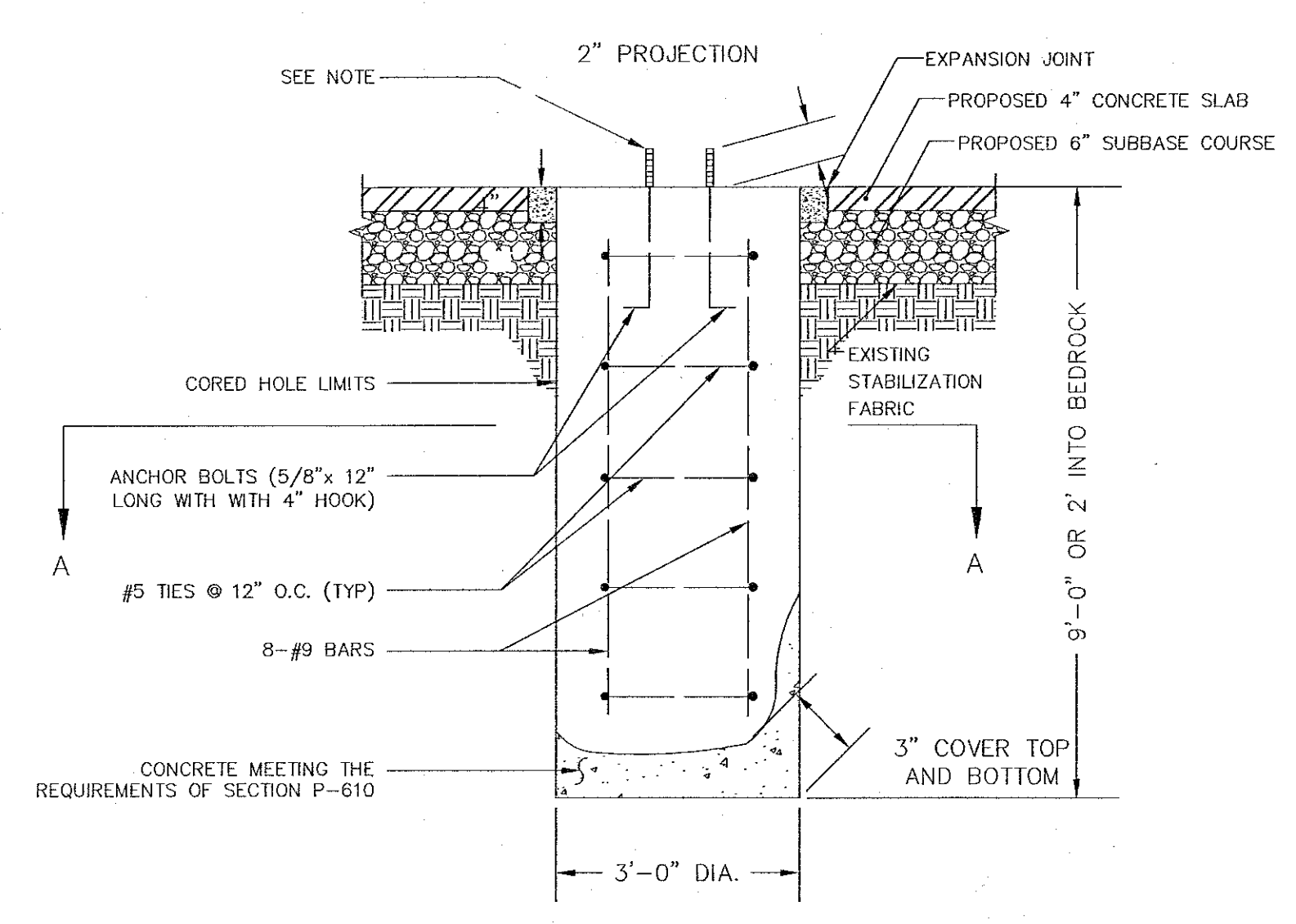
Project No.
25000247.0010

Drawing No.
12

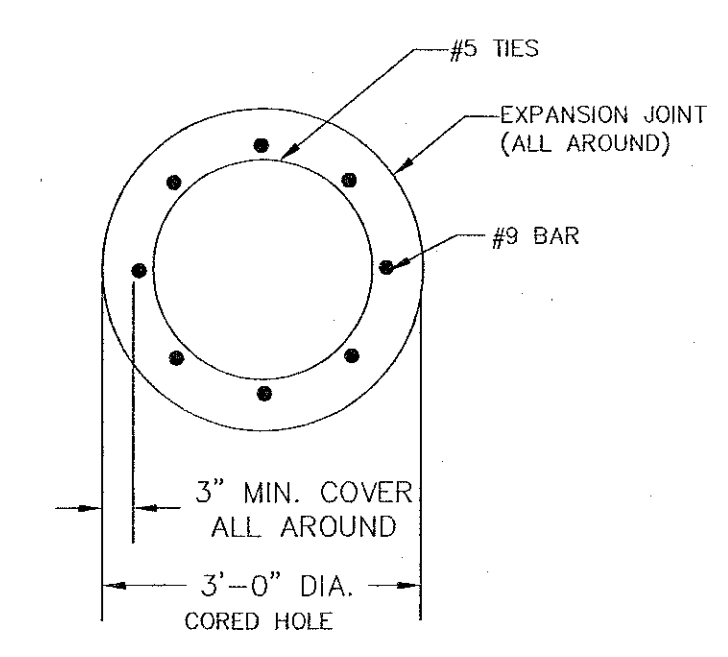
Date
January, 2015



TERMINAL AREA FENCE
N.T.S.

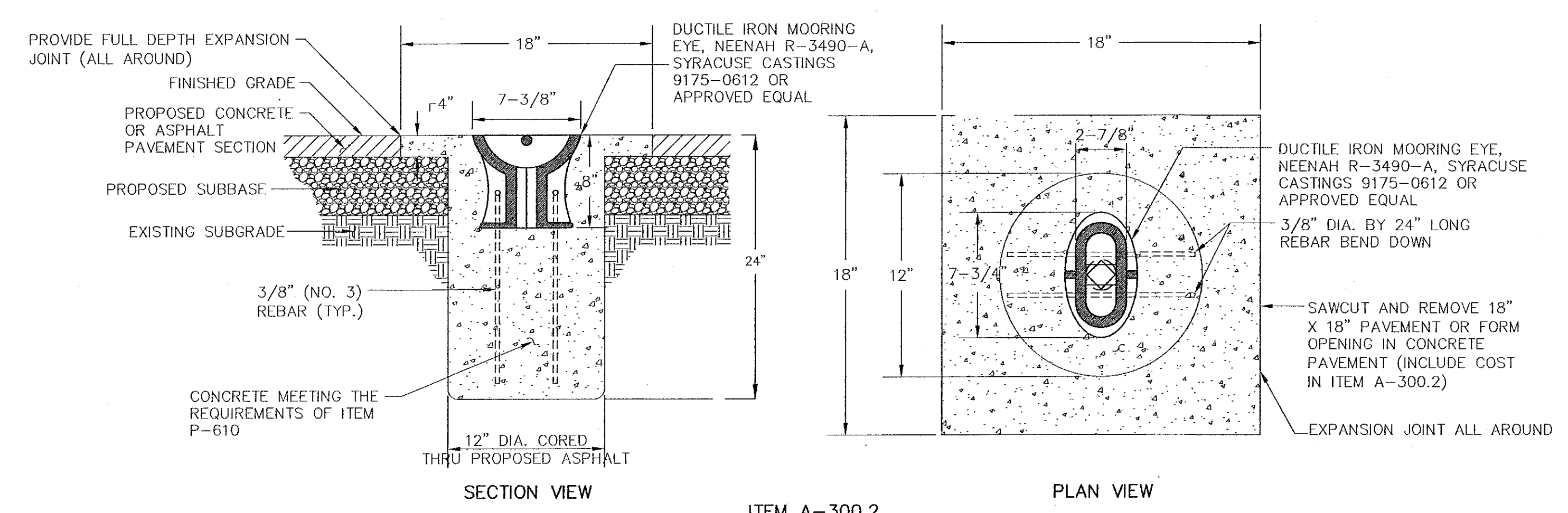


TYPICAL HANGAR PIER FOUNDATION
N.T.S.

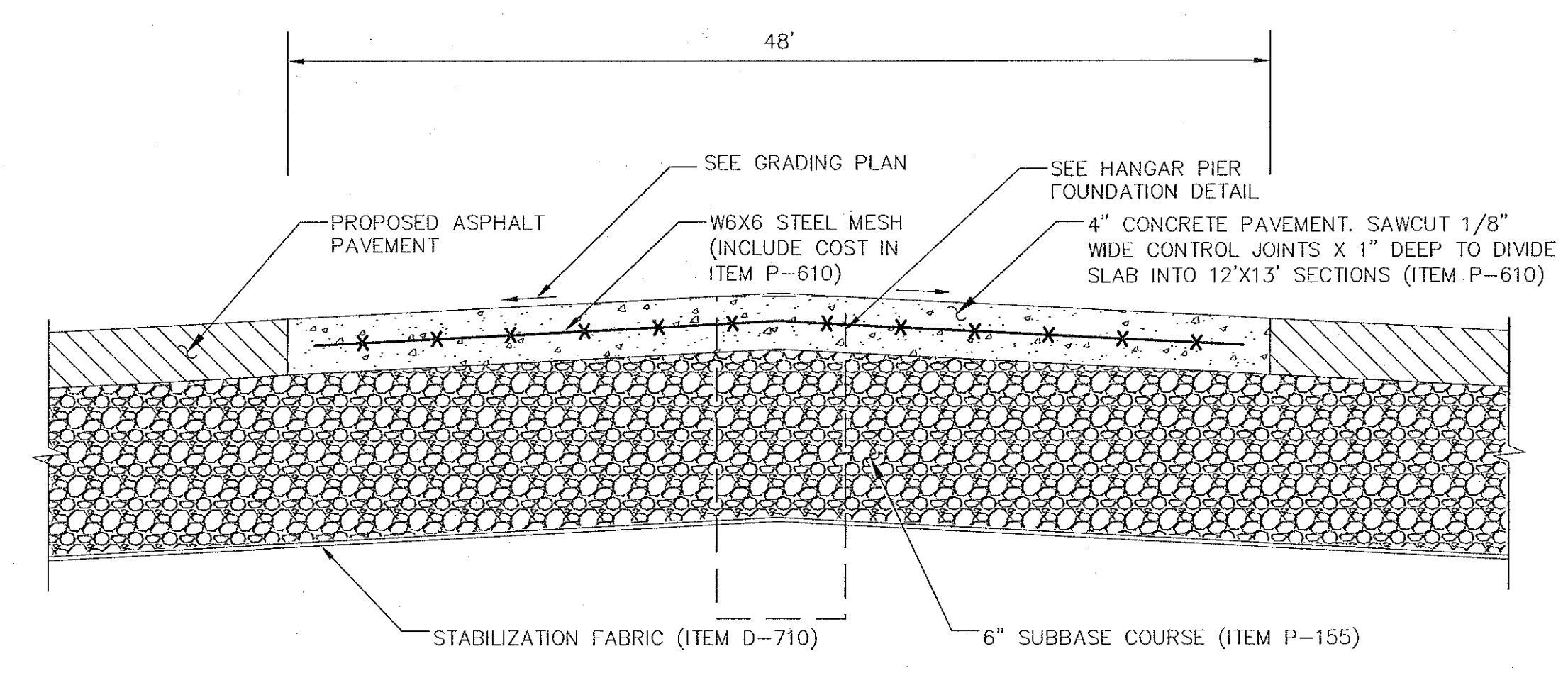


SECTION A-A
N.T.S.

NOTES:
SEE THE MANUFACTURERS BOLT SETTING PLAN FOR LOCATION AND ORIENTATION OF ANCHOR BOLTS.



ITEM A-300.2
TIE-DOWN ANCHOR DETAIL
N.T.S.



CONCRETE PAVEMENT DETAIL
N.T.S.

