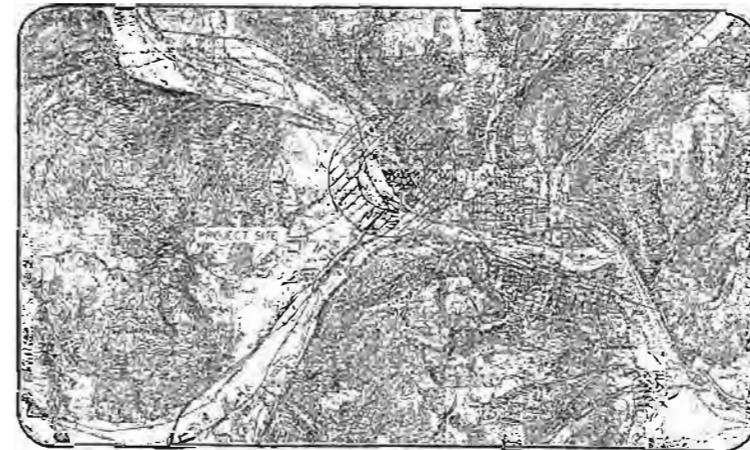
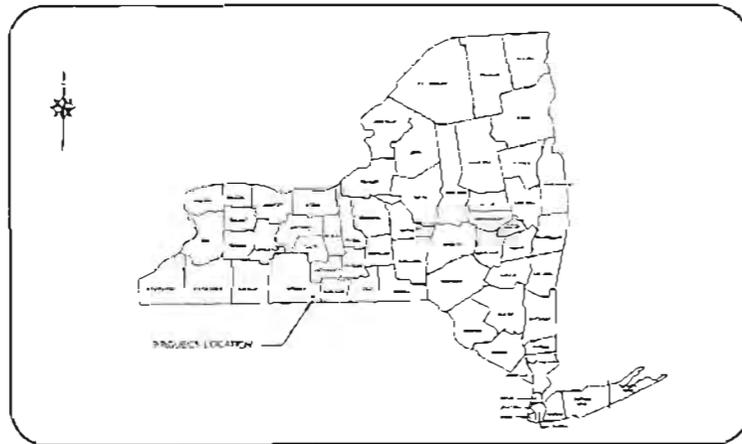


**ENGINEERING DRAWINGS
FOR
PAINTED POST TRANSLOADING SITE
FOR
WELLSBORO CORNING RAILROAD
VILLAGE OF PAINTED POST
STEUBEN COUNTY, NEW YORK**



HUNT NO. 1889-010

JANUARY 24, 2012



607-558-1000
FAX-558-1800

ENGINEERS • ARCHITECTS • SURVEYORS
A TOTAL CORPORATE PARTNERSHIP OFFICES: WILKESBORO, NY • ALBANY

GENERAL NOTES:

- IN AREAS WHERE THE CONTRACTOR IS EXCAVATING NEAR ANY UTILITY POLES AND TRAFFIC SIGNAL POLES, THE CONTRACTOR SHALL BRACE AND/OR HOLD THE POLE IN PLACE UNTIL EXCAVATED AREA IS BACKFILLED AND COMPACTED. THIS WORK IS TO BE PERFORMED AS APPROVED BY THE APPROPRIATE UTILITY COMPANY AND NOT CONSIDERED AN EXTRA FOR THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING APPROPRIATE EROSION CONTROL MEASURES ACCORDING TO CURRENT NYSDEC STANDARDS AND THE SOIL MANAGEMENT PLAN TO PREVENT SEDIMENT FROM MIGRATING OFF SITE TO STORM SEWERS OR ADJACENT ROADWAYS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ANY MATERIAL GENERATED DURING DEMOLITION OR CONSTRUCTION. SEE SOIL MANAGEMENT PLAN.
- ALL UNSUITABLE MATERIAL ENCOUNTERED DURING EXCAVATION SHALL BE REMOVED TO A DEPTH AND EXTENT ESTABLISHED BY THE ENGINEER. BACKFILL FOR THE EXCAVATION SHALL BE ACCORDING TO THE SOIL MANAGEMENT PLAN AND COMPACTION MEASURES.
- ALL DISTURBED LAWN AREAS SHALL BE RESTORED WITH OFF SITE TOPSOIL ACCORDING TO THE SOIL MANAGEMENT PLAN TO EQUAL OR BETTER CONDITION AFTER COMPLETION OF UTILITY WORK.
- THE CONTRACTOR'S SURVEYOR SHALL CHECK ALL HORIZONTAL AND VERTICAL CONTROL PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE CONTRACTOR SHALL KEEP HIS OPERATIONS WITHIN THE DESIGNATED EASEMENTS AND/OR R.O.W. LIMITS.
- CONDITIONS OF CONSTRUCTION ALONG STATE, COUNTY, AND VILLAGE HIGHWAYS SHALL CONFORM TO SPECIFICATIONS LISTED AND PERMITS ISSUED BY THE APPROPRIATE AGENCIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PROVIDING ALL TRAFFIC CONTROL ACCORDING TO GOVERNING AGENCY.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DISTURB AND/OR DAMAGE PROPERTY CORNERS (IRON PINS, HUBS, ETC.) ANY DISTURBED OR DAMAGED PROPERTY CORNERS SHALL BE REPLACED BY THE CONTRACTOR'S LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- ALL EXISTING UNDERGROUND UTILITIES SUCH AS ELECTRICAL, GAS MAINS, AND TELEPHONE LINES SHALL BE STAKED OUT BY THE RESPECTIVE UTILITY COMPANY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES FOR STAKEOUT. EXISTING UTILITIES LOCATIONS SHOWN ON THE PLANS SHALL BE CONSIDERED APPROXIMATE AND SHALL BE CONFIRMED BY THE CONTRACTOR. THE CONTRACTOR IS REQUIRED TO CONTACT "DIG SAFELY NEW YORK" 1-800-952-7962 A MINIMUM OF 72 HOURS PRIOR TO COMMENCING WORK.
- EXPLORATORY EXCAVATION SHALL BE MADE SUFFICIENTLY AHEAD OF TIME TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS.
- UTILITY LOCATIONS SHOULD BE CONSIDERED APPROXIMATE. INFORMATION SHALL BE CONFIRMED WITH DIG SAFELY NEW YORK. LOCATIONS IN FIELD BUT SHOULD NOT BE CONSIDERED EXACT LOCATIONS.
- ALL OVERHEAD UTILITY LINES ARE NOT SHOWN ON CONTRACT DRAWINGS. LOCATIONS OF OVERHEAD UTILITY LINES SHOWN ON DRAWING WERE OBTAINED FROM AERIAL SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.
- ALL STORM CROSSINGS ARE NOT SHOWN ON CONTRACT DRAWINGS. LOCATIONS OF EXISTING STORM SHOWN ON DRAWINGS ARE APPROXIMATE.
- ALL DAMAGE TO PRIVATE PROPERTY OR UTILITIES (UNDER OR ABOVE GROUND) SHALL BE REPORTED TO THE ENGINEER AT ONCE.
- SAFE AND CONTINUOUS THROUGH TRAFFIC, INGRESS AND EGRESS FOR ADJACENT OWNER DRIVEWAYS, SERVICE ROADS, PUBLIC STREETS, AND SIDEWALKS SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION.
- GUTTERS, CURBING, MAILBOXES, GUDDERAILS, DRIVEWAY CULVERTS, FENCES, ETC. THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED, RESET, AND/OR REPLACED IN-KIND TO THE SATISFACTION OF THE ENGINEER AND THE VILLAGE OF PAINTED POST.
- THE CONTRACTOR SHALL CONDUCT HIS ACTIVITIES, IN THE VICINITY OF TREES AND BUSHES, IN STRICT COMPLIANCE WITH THE APPROPRIATE SPECIFICATIONS. ALL COSTS OF CUTTING AND HAULING AWAY TREES THAT ARE TO BE REMOVED; AND ALL COSTS FOR PRESERVING, PROTECTING, TUNNELING UNDER AND/OR TRANSPLANTING TREES THAT HAVE TO STAY SHALL BE AT THE CONTRACTOR'S EXPENSE. SPECIAL CONSIDERATION MUST BE GIVEN TO THE FACT THAT ENVIRONMENTAL IMPACT IS TO BE KEPT TO A MINIMUM ON THIS PROJECT. ANY TREE REMOVAL SHALL BE LIMITED TO THE DIRECT PATH OF CONSTRUCTION.
- HIGHWAY DRAINAGE, SIDE STREET DRAINAGE, SWALES, DITCHES, AND OTHER EXISTING DRAINAGE FACILITIES SHALL BE PROTECTED AND MAINTAINED IN ADEQUATE WORKING CONDITION DURING CONSTRUCTION. THE CONTRACTOR SHALL RESTORE ANY OF SUCH FACILITIES THAT ARE DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE VILLAGE OF PAINTED POST AND THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- ALL EXCAVATIONS AND OTHER CONSTRUCTION ACTIVITIES SHALL PROVIDE PROTECTION TO THE WORK FORCE AS PER THE CURRENT O.S.H.A. REQUIREMENTS, SOIL MANAGEMENT PLAN AS WELL AS ANY STATE OR LOCAL AGENCY REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A MAINTENANCE AND PROTECTION OF TRAFFIC PLAN THAT IS ACCEPTABLE TO THE VILLAGE OF PAINTED POST.
- LOCATION OF PROPOSED IMPROVEMENTS, DISTANCE BETWEEN FACILITIES AND APPURTENANCES SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION DURING THE CONSTRUCTION STAKEOUT. LOCATION OF PIPE, VALVES, HYDRANTS, FITTINGS, AND SERVICES SHALL BE CONFIRMED WITH THE ENGINEER.
- ALL AREAS DISTURBED DURING CONSTRUCTION NOT PROPOSED FOR OTHER SURFACE TREATMENTS SHALL BE FURNISHED WITH A MINIMUM OF 4" OFFSITE TOPSOIL AND SEEDED, FERTILIZED, AND MULCHED. THESE REPAIRS SHALL BE IN ACCORDANCE WITH THE SOIL MANAGEMENT PLAN.
- ANY PAVEMENT MARKINGS IN THE VILLAGE ROW DISTURBED DURING CONSTRUCTION SHALL BE RESTORED USING EPOXY REFLECTORIZED PAINT ACCORDING TO NYSDOT STANDARD SPECIFICATION SECTION 685 AND HAVING A REFLECTORIZED PAVEMENT MARKING PAINTS ACCORDING TO NYSDOT STANDARD SPECIFICATION SECTION 640 AND HAVING A THICKNESS OF 20 MILS.
- ALL THICKNESS SHOWN ON THE PLANS, DETAILS, AND SPECIFIED IN THE SPECIFICATIONS ARE COMPACTED THICKNESS. THICKNESS.
- ALL PAVED AREAS, ROAD SHOULDERS, DRIVES, ETC., WHERE VEHICLES CAN LEGALLY ACCESS OR PARK WILL REQUIRE COMPACTION TO 95% OF MAXIMUM DENSITY AS DIRECTED BY THE ENGINEER.
- EXCAVATIONS IN DRIVING LANES, PAVED SHOULDERS, AND NON-PAVED SHOULDERS SHALL BE BACKFILLED, AND PATCHED OVERNIGHT. EXCAVATIONS OUTSIDE OF THESE AREAS MUST BE FENCED, BARRICADED, AND POSTED WITH WARNING LIGHTS.
- THE CONTRACTOR IS RESPONSIBLE FOR EXPOSING ALL EXISTING BURIED UTILITIES IN THE GENERAL PATH OF CONSTRUCTION. POTENTIAL CONFLICTS BETWEEN EXISTING UTILITIES AND THE PROPOSED UTILITIES SHALL BE IDENTIFIED.
- ALL SIGNS TO BE RELOCATED/ REINSTALLED USING NEW SIGN POSTS ACCORDING TO NYSDOT STANDARD SHEETS 645-01 TO 645-03. ANGLE IRON SHALL NOT BE UTILIZED.
- ALL ASPHALT PAVEMENT SHALL BE SAWCUT PRIOR TO EXCAVATION.
- CONTRACTOR SHALL CONTACT CORNING NATURAL GAS PRIOR TO CONSTRUCTION WITHIN 3FT OF GAS MAINS OWNED AND OPERATED BY CORNING NATURAL GAS.
- BATH HAMMONDSPORT RAILROAD TO BE NOTIFIED WITH 30 DAYS PRIOR TO CONSTRUCTION NEAR RAILROAD PROPERTY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING 24 HOUR NOTICE TO PROPERTY OWNER BEFORE DISTURBING PROPERTY OWNERS DRIVEWAY.

UTILITY TRENCH GENERAL NOTES:

- EXCAVATE TRENCHES TO INDICATED SLOPES, LINES, DEPTHS, AND INVERT ELEVATIONS. MAINTAIN MINIMUM 12 INCHES OF WORKING CLEARANCE ON EACH SIDE OF PIPE OR CONDUIT.
- PLACE, COMPACT, AND SHAPE BEDDING COURSE TO PROVIDE CONTINUOUS SUPPORT FOR PIPES AND CONDUITS OVER ROCK AND OTHER UNYIELDING BEARING SURFACES AND TO BACKFILL UNAUTHORIZED EXCAVATIONS.
- PLACE AND COMPACT INITIAL BACKFILL OF ASSHTO #10 - SCREENINGS OR AASHTO #B 1/2 INCH - MINUS STONE, FREE OF PARTICLES LARGER THAN 1/2 INCH, TO A HEIGHT OF 12 INCHES OVER THE UTILITY PIPE OR CONDUIT. DURING EMBEDMENT PLACEMENT AND COMPACTION, CARE SHALL BE TAKEN TO ENSURE THAT THE MAUNCH AREA BELOW THE SPRING LINE IS COMPLETELY FILLED AND FREE OF VOIDS. ON SITE SOIL CAN ONLY BE USED FOR BACKFILL AFTER SOIL TESTING, ACCORDING TO THE SOIL MANAGEMENT PLAN, HAS BEEN CONDUCTED AND RESULTS ARE NEGATIVE FOR CONTAMINATION. IF SOIL RESULTS ARE POSITIVE FOR CONTAMINATION, IT SHALL BE REMOVED FROM THE SITE ACCORDING TO THE SOIL MANAGEMENT PLAN AND OFF-SITE MATERIAL SHALL BE USED FOR BACKFILL. PLACE AND COMPACT FINAL BACKFILL OF SATISFACTORY SOIL MATERIAL TO FINAL SUBGRADE.
- PLACE FILL IN LAYERS NOT MORE THAN 8 INCHES IN LOOSE DEPTH TO WITHIN +/- 3 PERCENT OPTIMUM MOISTURE CONTENT. COMPACT EACH LAYER TO 95 PERCENT OF MAXIMUM DRY DENSITY ACCORDING TO ASTM D698 PERCENT (STANDARD PROCTOR)

WATER DISTRIBUTION NOTES:

- WHEN INSTALLING WATERMAIN, THE CONTRACTOR SHALL AVOID CREATING VERTICAL CRESTS WHERE POCKETS OF AIR COULD ACCUMULATE. A CONTINUOUS UPWARD GRADE FOR THE WATERMAIN SHOULD BE PROVIDED TO A POINT OF AIR RELEASE (SUCH AS HYDRANTS, TANK, SERVICE, OR AN AIR RELEASE VALVE.)
- DUCTILE IRON PIPE SHALL BE CLASS 52 TR FLEX RESTRAINED JOINT PIPE, AND SHALL CONFORM IN ALL RESPECTS TO AWWA C-151. FITTINGS SHALL CONFORM IN ALL RESPECTS TO AWWA C-110 OR TO COMPACT FITTINGS AWWA C-153. ALL SHALL BE FURNISHED WITH CEMENT MORTAR LINING IN CONFORMANCE WITH AWWA C-104. PIPES SHALL HAVE GASKETED JOINTS CONFORMING TO AWWA C-111.
- DISINFECTION, FLUSHING, AND SAMPLING REQUIREMENTS FOR THE NEWLY INSTALLED WATERMAINS SHALL BE CONSISTENT WITH AWWA STANDARD C651-05, SECTION 5.2 CONTINUOUS FEED METHOD. DISINFECTING WATERMAINS, AFTER FINAL FLUSHING AND BEFORE THE NEW WATERMAIN IS IN OPERATION, TWO CONSECUTIVE SAMPLES TAKEN 24 HOURS APART, SHALL BE COLLECTED FROM THE NEW WATERMAIN, AT LEAST ONE SET OF SAMPLES SHALL BE COLLECTED FROM EVERY 1200 LINEAR FEET OF WATERMAIN, PLUS ONE SET FROM THE END OF LINES AND EACH BRANCH.
- VALVES SHALL CONFORM TO AWWA C-509.
- ALL NEW WATERMAINS SHALL BE INSTALLED, PRESSURE TESTED AND LEAKAGE TESTED IN ACCORDANCE WITH THE RECOMMENDED STANDARDS FOR WATER WORKS (2005) AND THE LATEST REVISION OF AWWA STANDARDS 5005-05 FOR DIP AND CROSS FOR HDPE PIPE.
- APPROPRIATE MEASURES SHALL BE TAKEN TO PREVENT DIRT, DEBRIS, AND GROUNDWATER FROM CONTAMINATING THE WATERMAIN. THE GROUNDWATER LEVEL SHALL NEVER BE ALLOWED TO RISE TO A LEVEL MORE THAN 12" BELOW THE PIPE INVERT. WHENEVER AN OPEN PIPE IS LEFT UNATTENDED, IT SHALL BE CLOSED IN A WATERTIGHT MANNER.
- WATERMAINS SHALL BE INSTALLED WITH A MINIMUM DEPTH OF COVER OF 1.5 FEET.
- ALL FITTINGS, TEES, BENDS, AND CAPS SHALL BE FLANGED BOLTED WITH STAINLESS STEEL NUTS AND BOLTS. PIPE SHALL BE PUSH ON RESTRAINED JOINTS (TR FLEX RESTRAINED JOINT PIPE).
- DUCTILE IRON SPOOL PIECE BETWEEN VALVE AND W/J CAP AT ALL DEAD ENDS SHALL BE BETWEEN 18" AND 36" IN LENGTH UNLESS A BLOWOFF IS INSTALLED.

PLAN SHEET INDEX

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---	COVER
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C0.2	SOIL MANAGEMENT PLAN NOTES
C0.3	SOIL MANAGEMENT PLAN NOTES
C1.1	OVERALL PLAN
C2.1	WATERMAIN PLAN AND PROFILE
C2.2	WATERMAIN PLAN AND PROFILE
C2.3	WATERMAIN PROFILES
C3.1	SITE GRADING & PLANTING PLAN
C3.2	SITE GRADING & PLANTING PLAN
C3.3	PROPOSED STORM SEWER
C4.1	LOADING STATION DETAILS
C4.2	DETAILS
C4.3	DETAILS
C5.1	EROSION & SEDIMENT CONTROL PLAN
C5.2	EROSION & SEDIMENT CONTROL DETAILS
C5.3	STORMWATER MANAGEMENT PRACTICE DETAILS
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A1.1	ELEVS, FLOOR & ROOF PLANS
E1.1	ELECTRICAL POWER & LIGHTING PLAN
E1.2	ELECTRICAL POWER & LIGHTING PLAN
E3.1	ELECTRICAL POWER AND SCHEDULES
E3.2	ELECTRICAL DETAILS

DRAWN BY:
CED

CHECKED BY:
RMD

DATE:
NOVEMBER 04, 2011

SCALE:
1" = 30'

BY:
EPIC

DESCR. OF REVISION:
REVISED FOR CONSTRUCTION

DATE:
07/24/12

UNAUTHORIZED ALTERATION
ADDITION TO PLANS BEARING
A LICENSED ENGINEER'S OR
ARCHITECT'S SEAL, IS A VIOLATION
OF SECTION 7206 OF THE NEW
YORK STATE EDUCATION LAW.

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GENERAL NOTES & INDEX

**PAINTED POST TRANSLOADING SITE
FOR WELLSBORO-CORNING RAILROAD**
VILLAGE OF PAINTED POST
NEW YORK

C0.1

PROJECT NO:
1889-010

SOIL MANAGEMENT PLAN NOTES:

1. EXCAVATION AND HANDLING OF ON-SITE SOIL/FILL
 - A. SOIL/FILL
 1. NO EXCAVATION, GRADING OR DISTURBANCE OF THE EXISTING SOIL COVER SHALL BE INITIATED PRIOR TO A MINIMUM OF THREE WORKING DAYS NOTIFICATION TO THE NYSDEC REGION 8, DIVISION OF ENVIRONMENTAL REMEDIATION
 2. A PROFESSIONAL ENGINEER WITH REMEDIAL INVESTIGATION EXPERIENCE, REPRESENTING THE SUBJECT PROPERTY OWNER/DEVELOPER WILL OVERSEE SOIL/FILL EXCAVATIONS OR DISTURBANCES
 3. ALL SOIL/FILL WILL BE VISUALLY INSPECTED FOR STAINING AND WILL BE SCREENED FOR THE PRESENCE OF VOLATILE ORGANIC COMPOUNDS (VOC'S)
 4. A PHOTOIONIZATION DETECTOR (PID) WILL BE USED TO CHECK FOR VOC'S
 5. EXCAVATED SOIL/FILL THAT IS VISIBLY STAINED OR PRODUCES ELEVATED PID READINGS (SUSTAINED TO 100 OR GREATER) WILL BE CONSIDERED POTENTIALLY CONTAMINATED AND STOCKPILED SEPARATELY ON SITE FOR FURTHER ASSESSMENT
 6. THE STOCKPILED SOIL/FILL (IN MAXIMUM 100 CUBIC YARD PILES) SHALL BE PLACED ON POLYETHYLENE SHEETING AND THEN SAMPLED TO DETERMINE ITS DISPOSITION
 7. THE SOIL SHALL BE COMPLETELY COVERED USING POLYETHYLENE SHEETING
 8. SOIL/FILL AWAITING ANALYTICAL RESULTS OR AWAITING TRANSPORTATION WILL BE STORED CONTINUOUSLY ON-SITE UNDER POLYETHYLENE SHEETING
 9. SOIL/FILL WITH A PH HIGHER THAN 12.5 IS CONSIDERED HAZARDOUS AND MUST BE PROPERLY DISPOSED OFF SITE
 10. SOIL/FILL WITH A PH GREATER THAN 9.0 BUT LESS THAN 12.5 MAY BE REUSED ON SITE BUT ONLY TO FILL IN AREAS BELOW GRADE. THIS SOIL/FILL MAY NOT BE USED AS BACKFILL IN UTILITY TRENCHES OR TO CREATE BERMS OR OTHER ABOVE GRADE MOUNDS.
 11. THIS SOIL/FILL MUST BE COVERED WITH A MINIMUM OF 12" OF CLEAN OFF SITE SOIL IN ACCORDANCE WITH NYSDEC CP-51 / SOIL CLEANUP GUIDANCE
 12. ALL EXCAVATIONS OR DISTURBANCES MUST BE BACKFILLED AS SOON AS THE WORK ALLOWS
 13. BACKFILLED EXCAVATIONS MUST BE COVERED WITH SOIL IN ACCORDANCE WITH NYSDEC CP-51/SOIL CLEANUP GUIDANCE WITHIN 10 WORKING DAYS OF BACKFILLING
 14. IF NO EVIDENCE OF ADDITIONAL CONTAMINATION IS ENCOUNTERED IF SOIL TESTING RESULTS ARE NEGATIVE FOR CONTAMINATION AND DURING EXCAVATION ACTIVITIES, THE EXCAVATED SOIL FILL WILL BE STOCKPILED APPROPRIATELY ON SITE
 - B. UNDERGROUND STORAGE TANKS
 - I. IF BURED DRUMS OR STORAGE TANKS ARE ENCOUNTERED DURING EXCAVATION ACTIVITIES, EXCAVATION WILL CEASE AND THE NYSDEC WILL IMMEDIATELY BE NOTIFIED
 - II. ALL ENCOUNTERED UNDERGROUND DRUMS/TANKS WILL BE EVALUATED AND THE OWNER WILL SUBMIT REMOVAL PLAN FOR NYSDEC APPROVAL
 - III. APPROPRIATELY TRAINED PERSONNEL WILL EXCAVATE ALL OF THE DRUMS/TANKS WHILE FOLLOWING ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS
 - IV. REMOVED DRUMS/STORAGE TANKS WILL BE PROPERLY CHARACTERIZED AND DISPOSED OFF SITE
 - V. THE SOIL/FILL SURROUNDING THE BURED DRUMS/STORAGE TANKS WILL BE CONSIDERED AS POTENTIALLY CONTAMINATED AND WILL BE STOCKPILED, TESTED AND CHARACTERIZED FOR REMOVAL OR REUSE.
 - C. SOIL/FILL SAMPLING AND ANALYSIS
 - A. POTENTIALLY CONTAMINATED STOCKPILED SOIL (PLACED IN 100 CUBIC YARD PILES) SHALL BE SAMPLED AND CLASSIFIED FOR REUSE OR DISPOSAL
 - B. ONE COMPOSITE SOIL SAMPLE WILL BE COLLECTED FOR EACH 100 CUBIC YARDS OF SOIL
 - C. THE SINGLE COMPOSITE SAMPLE WILL BE COMPRISED OF FIVE SMALL SAMPLES TAKEN FROM FIVE LOCATIONS WITHIN EACH STOCKPILE AND WILL BE ANALYZED BY A NYSDEC ELAP-CERTIFIED LABORATORY FOR TARGET COMPOUND LIST (TCL), SEMI-VOLATILE ORGANIC COMPOUNDS (SVOC'S), PESTICIDES AND POLYCHLORINATED BIPHENYLS (PCB'S) AND THE METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM AND SILVER PLUS CYANIDE USING CURRENT NYSDEC ANALYTICAL SERVICE PROTOCOLS (ASP)
 - D. PID MEASUREMENTS WILL BE RECORDED FOR EACH OF THE FIVE SAMPLE LOCATIONS
 - E. ONE DUPLICATE SAMPLE AND ONE GRAB SAMPLE WILL BE COLLECTED FROM THE LOCATION WITH THE HIGHEST PID MEASUREMENT OF THE FIVE LOCATIONS
 - F. AT A MINIMUM, THE DUPLICATE SAMPLE SHALL BE ANALYZED USING THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP) FOR THE CONTAMINANTS. IF THE RESULTS EXCEED THE STANDARDS OF TCLP, THE MATERIAL WILL BE CLASSIFIED AS A HAZARDOUS WASTE AND MUST BE PROPERLY DISPOSED OFF SITE AT A PERMITTED DISPOSAL FACILITY WITHIN 90 DAYS OF EXCAVATION
 - G. THE PH SHALL BE ANALYZED USING THE SW-846 METHOD 9045
 - H. THE GRAB SAMPLE WILL BE ANALYZED FOR TCL VOLATILE ORGANIC COMPOUNDS (VOC'S)
 - I. EXCAVATED SOIL/FILL THAT SHOWS NO EVIDENCE OF CONTAMINATION ALSO REQUIRES CHARACTERIZATION PRIOR TO USE AS A SUBGRADE OR BACKFILL AT THE SITE
 - J. CHARACTERIZATION SAMPLES SHALL BE COLLECTED AND ANALYZED AT A FREQUENCY OF AT LEAST ONE SAMPLE FOR 2,000 CUBIC YARDS OF SOIL/FILL AND A MINIMUM OF ONE SAMPLE FOR VOLUMES LESS THAN 2,000 CUBIC YARDS
 - K. ANY SOIL/FILL THAT HAS BEEN CHARACTERIZED AND MEETS THE SITE SPECIFIC ACTION LEVELS (SSAL'S) MAY BE REUSED AS SUBGRADE, EXCAVATION SUBGRADE BACKFILL OR FOR BERM CONSTRUCTION
 - L. IF THE ANALYSIS OF THE SAMPLES REVEALS UNACCEPTABLE LEVELS OF CONTAMINATES, FURTHER ANALYSES WILL BE NECESSARY TO FURTHER CLASSIFY THE MATERIAL FOR DISPOSAL PURPOSES
2. SUBGRADE MATERIAL
 - A. EXCAVATED ONSITE SUBGRADE MATERIAL SHALL EITHER EXHIBIT NO EVIDENCE OF CONTAMINATION OR, IF CONTAMINATION IS PRESENT, ANALYTICAL RESULTS OF THE SOIL/FILL INDICATE THAT THE CONTAMINANTS ARE BELOW THE SSAL'S
 - B. OFFSITE BORROW SOILS WILL BE DOCUMENTED AS HAVING COME FROM LOCATIONS HAVING NO EVIDENCE OF DISPOSAL OR RELEASE OF HAZARDOUS, TOXIC OR RADIOACTIVE SUBSTANCES, WASTES OR PETROLEUM PRODUCTS
 - C. OFFSITE SOILS INTENDED AS BACKFILL CANNOT BE DEFINED AS A SOLID WASTE IN ACCORDANCE WITH 6NYCRR PART 360-1.2(A)
 - D. IF THE CONTRACTOR DESIGNATES A SOURCE AS "VIRGIN" SOIL, IT SHALL BE DOCUMENTED TO BE NATIVE SOIL MATERIAL FROM AREAS NOT HAVING SUPPORTED ANY KNOWN PRIOR INDUSTRIAL, COMMERCIAL OR AGRICULTURE DEVELOPMENT
 - E. A COMPOSITE SAMPLE SHALL BE COLLECTED FROM THE VIRGIN SOIL AND ANALYZED FOR TCL VOC'S, SVOC'S, PESTICIDES, PCB'S, CYANIDE AND THE METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM AND SILVER. THE SOIL WILL BE ACCEPTABLE IF ALL PARAMETERS MEET THE SSAL'S

SOIL MANAGEMENT PLAN NOTES (CONTINUED)

- F. NON-VIRGIN AREA SOIL SHALL BE TESTED VIA COLLECTION OF ONE COMPOSITE SAMPLE PER 500 CUBIC YARDS. IF MORE THAN 1,000 CUBIC YARDS OF SOIL ARE BORROWED AND BOTH SAMPLES OF THE FIRST 1,000 CUBIC YARDS MEET THE SSAL'S, THE SAMPLE COLLECTION FREQUENCY WILL BE REDUCED TO ONE COMPOSITE FOR EVERY 2,500 CUBIC YARDS OF ADDITIONAL SOIL FROM THE SAME SOURCE UP TO 5,000 CUBIC YARDS. FOR BORROW SOURCES GREATER THAN 5,000 CUBIC YARDS, SAMPLING FREQUENCY MAY BE REDUCED TO ONE SAMPLE PER 5,000 CUBIC YARDS, PROVIDED ALL EARLIER SAMPLES MET THE SSAL'S.
4. FINAL COVER
 - A. SURFACE COVERAGE WILL BE REQUIRED BY THE DEVELOPER OR OWNER AND WILL CONSIST OF DOCUMENTED CLEAN SOIL MATERIAL WITH VEGETATIVE COVER, ASPHALT OR CONCRETE PAVING OR BUILDINGS WITH CONCRETE FLOORS
 - B. EXCAVATED ONSITE SOIL/FILL SHALL NOT BE USED AS COVER MATERIAL
 - C. OFFSITE BORROW SOILS WILL BE DOCUMENTED AS HAVING COME FROM LOCATIONS HAVING NO EVIDENCE OF DISPOSAL OR RELEASE OF HAZARDOUS, TOXIC OR RADIOACTIVE SUBSTANCES, WASTES OR PETROLEUM PRODUCTS
 - D. OFFSITE SOILS INTENDED AS BACKFILL CANNOT BE DEFINED AS A SOLID WASTE IN ACCORDANCE WITH 6NYCRR PART 360-1.2(A)
 - E. IF THE CONTRACTOR DESIGNATES A SOURCE AS "VIRGIN" SOIL, IT SHALL BE DOCUMENTED TO BE NATIVE SOIL MATERIAL FROM AREAS NOT HAVING SUPPORTED ANY KNOWN PRIOR INDUSTRIAL, COMMERCIAL OR AGRICULTURE DEVELOPMENT
 - F. A COMPOSITE SAMPLE SHALL BE COLLECTED FROM THE VIRGIN SOIL AND ANALYZED FOR TCL VOC'S, SVOC'S, PESTICIDES, PCB'S, CYANIDE AND THE METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM AND SILVER. THE SOIL WILL BE ACCEPTABLE IF ALL PARAMETERS MEET THE SSAL'S
 - G. NON-VIRGIN AREA SOIL SHALL BE TESTED VIA COLLECTION OF ONE COMPOSITE SAMPLE PER 500 CUBIC YARDS. IF MORE THAN 1,000 CUBIC YARDS OF SOIL ARE BORROWED AND BOTH SAMPLES OF THE FIRST 1,000 CUBIC YARDS MEET THE TAGM 4046 CRITERIA, THE SAMPLE COLLECTION FREQUENCY WILL BE REDUCED TO ONE COMPOSITE FOR EVERY 2,500 CUBIC YARDS OF ADDITIONAL SOIL FROM THE SAME SOURCE, UP TO 5,000 CUBIC YARDS. FOR BORROW SOURCES GREATER THAN 5,000 CUBIC YARDS, SAMPLING FREQUENCY MAY BE REDUCED TO ONE SAMPLE PER 5,000 CUBIC YARDS, PROVIDED ALL EARLIER SAMPLES MET THE TAGM 4046 CRITERIA.
 - H. TO REDUCE THE POTENTIAL FOR DISTURBANCE OF THE EXISTING SOIL COVER, BERMS OR MOUNDS COMPOSED OF CLEAN SOIL SHALL BE CONSTRUCTED IN AREAS IN WHICH TREES AND SHRUBS WILL BE PLANTED
5. EROSION CONTROLS
 - A. TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES (SILT FENCING, TEMPORARY VEGETATION, ETC.) WILL BE EMPLOYED DURING ACTIVE CONSTRUCTION STAGES
 - B. THE CONTRACTOR SHALL REMOVE TEMPORARY MEASURES AT THE COMPLETION OF CONSTRUCTION
 - C. A SPECIFIC EROSION AND SURFACE WATER CONTROL PLAN MUST BE CREATED PRIOR TO IMPLEMENTATION OF REDEVELOPMENT ACTIVITIES
 - D. STOCKPILES SHALL BE GRADED AND COMPACTED AS NECESSARY FOR POSITIVE SURFACE WATER RUNOFF AND DUST CONTROL. STOCKPILES OF SOIL/FILL WILL BE PLACED AT A MINIMUM OF 50 FEET FROM THE SITE BOUNDARIES
 - E. SILT FENCE
 - I. SILT FENCE SHALL BE INSTALLED ALONG THE CONSTRUCTION PERIMETER TO PREVENT SEDIMENTATION IN LOW AREAS
 - II. INTERMEDIATE SILT FENCING SHALL BE USED UPSLOPE OF PERIMETER AREAS WHERE PHASED CONSTRUCTION ACTIVITIES ARE OCCURRING
 - III. SILT FENCE SHALL BE PLACED AROUND SOIL STOCKPILES
 - IV. SILT FENCE SHALL BE REGULARLY CLEANED TO PREVENT STRUCTURAL FAILURE AND SEDIMENT DISPLACEMENT WITH MATERIAL BEING DISPOSED ONSITE AS GENERAL FILL IN A DESIGNATED AREA
 - F. TEMPORARY VEGETATION AND MULCHING
 - I. INTERMEDIATE AREAS WHERE ACTIVITIES WILL NOT RESUME FOR A PERIOD IN EXCESS OF FIVE DAYS SHALL BE SEEDED WITH A QUICK GERMINATING VARIETY OF GRASS OR COVERED WITH A LAYER OF STRAW MULCH
 - G. PERMANENT CONTROL MEASURES
 - I. PERMANENT MEASURES SHALL BE INSTALLED AS EARLY AS POSSIBLE DURING CONSTRUCTION PHASES
 - II. FINAL SLOPES GREATER THAN 25% WILL BE REINFORCED OR HAVE A DEMARCATION LAYER UNDER CLEAN COVER TO INDICATE IF EROSION HAS EXTENDED INTO THE SUBGRADE
 - III. PERMANENT SEEDING WILL OCCUR IN STAGES AS CONSTRUCTION IS COMPLETED AT A RATE OF 260 LBS./ACRE
 - IV. MULCH, MULCH BLANKETS OR SYNTHETIC FABRIC WILL BE PLACED TO PREVENT EROSION DURING TURF ESTABLISHMENT
 - V. MULCH SHALL BE PLACED ON ALL SLOPES LESS THAN 15% AND A MULCH BLANKET ON ALL SLOPES GREATER THAN 15%
 - VI. SYNTHETIC EROSION CONTROL FABRIC SHALL BE PLACED IN DRAINAGE DITCHES AND SWALES
 - VII. SEEDDED AREAS SHALL BE FERTILIZED WITH A STARTER FERTILIZER
6. DUST CONTROLS
 - A. THE SURFACE OF UNVEGETATED OR DISTURBED SOIL AREAS SHALL BE WETTED AT ALL TIMES WITH WATER
 - B. SUBGRADE MATERIAL LEFT EXPOSED FOR GREATER THAN 90 DAYS SHALL BE COVERED WITH A TEMPORARY COVER SYSTEM OR PLANTED WITH VEGETATION TO CONTROL DUST
 - C. PARTICULATE MONITORING SHALL BE PERFORMED ALONG THE DOWNWIND OCCUPIED PERIMETER
 - D. DUST SUPPRESSION TECHNIQUES SHALL BE EMPLOYED AT THE SITE IN ACCORDANCE WITH NYSDEC TAGM 4031. FUGITIVE DUST SUPPRESSION AND PARTICULATE MONITORING PROGRAM AT INACTIVE HAZARDOUS WASTE SITES
 - E. SUPPRESSION TECHNIQUES INCLUDE:
 - I. APPLYING WATER ON ROADWAYS
 - II. WETTING EQUIPMENT
 - III. SPRAYING WATER ON BUCKETS DURING EXCAVATION AND DUMPING
 - IV. HAULING MATERIALS IN PROPERLY COVERED CONTAINERS
 - V. COVERING EXCAVATED AREAS AND MATERIAL AFTER EXCAVATION
 - VI. ESTABLISHING VEGETATIVE COVER IMMEDIATELY AFTER PLACEMENT OF COVER SOIL
 - VII. REDUCING EXCAVATION SIZE AND/OR NUMBER OF EXCAVATIONS

SOIL MANAGEMENT PLAN NOTES (CONTINUED)

7. CONSTRUCTION WATER MANAGEMENT
 - A. PUMPING OF WATER FROM EXCAVATIONS WILL BE DONE IN A MANNER AS TO PREVENT THE MIGRATION OF PARTICULATES, SOIL/FILL OR UNSOLIDIFIED CONCRETE MATERIALS AND TO PREVENT DAMAGE TO THE EXISTING SUBGRADE
 - B. THE GROUNDWATER IN EXCAVATIONS SHALL BE FIELD SCREENED FOR VOC'S AND OBSERVED FOR ANY NOTICEABLE SHEENS
 - C. WATER IN THE EXCAVATIONS SHALL NOT BE DISCHARGED TO THE GROUND SURFACE IF:
 - I. STAINING OR PID MEASUREMENTS ABOVE BACKGROUND ARE OBSERVED IN THE EXCAVATION
 - II. A SHEEN IS PRESENT ON THE WATER SURFACE
 - D. IF ANY OF THESE ABOVE CONDITIONS EXIST, THE WATER PUMPED FROM THE EXCAVATIONS WILL BE CONTAINERIZED AND ANALYZED IN ACCORDANCE WITH THE SURFACE WATER AND GROUNDWATER QUALITY STANDARDS SET FORTH IN 6 NYCRR PART 703.5 AND THE LOCAL SEWER AUTHORITY DISCHARGE PERMIT
 - E. IF THE WATER MEETS THESE STANDARDS, IT MAY BE DISCHARGED TO THE GROUND SURFACE AND IF NOT, THE WATER MAY BE DISCHARGED TO THE LOCAL SEWER AUTHORITY UNDER A DISCHARGE PERMIT
 - F. IF THE WATER QUALITY IS SUCH THAT THE LOCAL SEWER AUTHORITY DISCHARGE PERMIT REQUIREMENTS WILL BE EXCEEDED OR THE LOCAL SEWER AUTHORITY WILL NOT APPROVE THE DISCHARGE TO A SEWER, IT WILL BE TRANSPORTED OFFSITE FOR PROPER DISPOSAL OR TREATED ON SITE VIA A TREATMENT SYSTEM THAT HAS BEEN APPROVED BY THE NYSDEC
 - G. RUNOFF FROM SURFACE DISCHARGES SHALL BE CONTROLLED
 - H. NO DISCHARGES SHALL ENTER A SURFACE WATER BODY WITHOUT THE PROPER PERMITS
8. FENCING AND ACCESS CONTROL
 - A. ACCESS TO SOIL/FILL ON THE SITE MUST BE CONTROLLED UNTIL FINAL COVER IS PLACED TO PREVENT CONTACT WITH THE SUBGRADE MATERIALS
 - B. OBVIOUS ACCESS POINTS SHALL BE GATED
 - C. ALL GATES AND EXISTING FENCING SHALL BE POSTED WITH "NO TRESPASSING" SIGNS
9. QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC)
 - A. ANALYTICAL METHODS
 - I. ALL SITE SOIL/FILL CHARACTERIZATION SAMPLES COLLECTED SHALL BE ANALYZED USING THE EPA APPROVED ANALYTICAL METHODS USING THE EPA'S "TEST METHODS FOR EVALUATING SOLID WASTE" (SW-846), METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTES (EPA 800/4-79-020) AND STANDARD METHODS FOR EXAMINATION OF WASTE AND WASTEWATER
 - B. LABORATORY
 - I. THE LABORATORY PROPOSED TO PERFORM THE ANALYSES WILL BE CERTIFIED THROUGH THE NYSDEC ENVIRONMENTAL LABORATORY APPROVAL PROGRAM (ELAP) TO PERFORM CONTRACT LABORATORY PROGRAM (CLP) ANALYSIS AND SOLID WASTE AND HAZARDOUS WASTE ANALYTICAL TESTING ON ALL MEDIA TO BE SAMPLED FOR THIS INVESTIGATION
 - C. DATA SUBMITTAL
 - I. THE LABORATORY WILL PERFORM THE ANALYSIS OF SAMPLES IN ACCORDANCE WITH THE 2005 (OR LATEST EDITION) NYSDEC ANALYTICAL SERVICES PROTOCOL
 - II. ANALYTICAL DATA SHALL BE SUBMITTED IN COMPLETE ASP CATEGORY B DATA PACKS INCLUDING DOCUMENTATION OF LABORATORY QA/QC PROCEDURES
 - D. DATA USABILITY SUMMARY REPORTS
 - I. AFTER RECEIPT OF ANALYTICAL RESULTS, THE DATA PACKAGE SHALL BE SENT TO A QUALIFIED THIRD PARTY FOR EVALUATION
 - II. A DATA USABILITY SUMMARY REPORT (DUSR) SHALL BE PREPARED AND WILL PROVIDE A DETERMINATION OF WHETHER OR NOT THE DATA MEETS PROJECT SPECIFIED CRITERIA FOR DATA QUALITY AND USE
10. HEALTH AND SAFETY PROCEDURES FOR INTRUSIVE OR MAINTENANCE ACTIVITIES
 - A. CONSTRUCTION PERSONNEL PROTECTION
 - I. CONTRACTORS ENGAGED IN SUBSURFACE CONSTRUCTION ACTIVITIES WILL BE REQUIRED TO IMPLEMENT APPROPRIATE HEALTH AND SAFETY PROCEDURES WHICH WILL INVOLVE, AT MINIMUM, DONNING ADEQUATE PERSONAL PROTECTIVE EQUIPMENT, PERFORMING APPROPRIATE AIR MONITORING AND OTHER CONTROLS NECESSARY TO PREVENT POTENTIAL INGESTION, INHALATION AND CONTACT WITH RESIDUAL CONSTITUENTS IN THE SOIL
 - II. A SITE SPECIFIC HEALTH AND SAFETY PLAN MUST BE PREPARED BY THE CONTRACTOR PRIOR TO ON SITE CONSTRUCTION ACTIVITIES
 - A. THE HEALTH AND SAFETY PLAN SHALL BE AVAILABLE TO WORKERS ON SITE AND SHALL BE PROVIDED TO THE CONTRACTORS' INSURER IF REQUIRED
 - B. THE HEALTH AND SAFETY PLAN SHALL BE AVAILABLE TO WORKERS ON SITE AND SHALL BE PROVIDED TO THE CONTRACTORS' INSURER IF REQUIRED
 - C. THE HASP WILL IDENTIFY THE FOLLOWING:
 - I. HAZARDS ANTICIPATED FOR EACH MAJOR INVASIVE TASK
 - II. ENGINEERING, ADMINISTRATIVE AND/OR PERSONAL PROTECTIVE EQUIPMENT CONTROL MEASURES THAT WILL BE IMPLEMENTED
 - III. SURVEILLANCE METHODS
 - IV. SCHEDULES OF BOTH WALK THROUGH SURVEYS AND IN DEPTH SAFETY AUDITS TO BE PERFORMED ON SITE
 - V. MEDICAL MONITORING AND SCREENING METHODS
 - VI. CONTRACTORS' PRE-STARTUP AND CONTINUOUS SAFETY TRAINING PROGRAM
 - VII. EMERGENCY RESPONSE EQUIPMENT, NOTIFICATION AND TRAINING PROCEDURES
 - VIII. SAFETY INSPECTION CHECK OFF SHEETS SPECIFIC TO THE WORK METHODS AND CREWS PERFORMING WORK AT THE VARIOUS JOB LOCATIONS
 - III. HEALTH AND SAFETY PROCEDURES INCLUDE:
 - A. THE CONTRACTOR SHALL COMPLY WITH ALL NYS DEPARTMENT OF LABOR REGULATIONS, OSHA REGULATIONS AND THE CONSTRUCTION SAFETY ACT OF 1969
 - B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF CONTRACTOR'S EMPLOYEES, THE PUBLIC AND ALL OTHER PERSONS AT OR ABOUT THE SITE OF WORK
 - C. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ADEQUACY AND SAFETY OF ALL CONSTRUCTION METHODS, MATERIALS, EQUIPMENT AND THE SAFE PROSECUTION OF THE WORK
 - D. THE CONTRACTOR SHALL STOP WORK WHENEVER A WORK PROCEDURE OR A CONDITION AT A WORK SITE IS DEEMED UNSAFE BY THE SAFETY PROFESSIONAL

DRAWN BY: CED
 CHECKED BY: RMD
 DATE: NOVEMBER 04, 2011
 SCALE: 1"=30'

BY: JPH
 REVISION FOR CONSTRUCTION

DATE: 01/24/12

DESIGNATION: 01/24/12

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SOIL MANAGEMENT PLAN NOTES

PAINTED POST TRANSLOADING SITE FOR WELLSBORO-CORNING RAILROAD

VILLAGE OF PAINTED POST NEW YORK

CO.2

PROJECT NO. 1889-010

SOIL MANAGEMENT PLAN NOTES:

- E. THE CONTRACTOR SHALL HAVE PROPER SAFETY AND RESCUE EQUIPMENT, ADEQUATELY MAINTAINED AND READILY AVAILABLE. THIS MAY INCLUDE: FIRE EXTINGUISHERS, FIRST AID SUPPLIES, SAFETY ROPES AND HARNESSES, STRETCHERS, WATER SAFETY DEVICES, OXYGEN BREATHING APPARATUS, GAS DETECTORS, OXYGEN DEFICIENCY INDICATORS, ETC.
- F. ALL PERSONNEL EMPLOYED BY THE CONTRACTOR, SUBCONTRACTORS OR VISITORS ENTERING THE JOB SITE MUST WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT FOR THE SPECIFIC AREA. THE CONTRACTOR MAY REMOVE ANY PERSON FROM THE SITE WHO FAILS TO COMPLY WITH THIS REQUIREMENT.
- G. THE CONTRACTOR MUST PROVIDE LATEX OR OTHER WATER PROOF GLOVES FOR THE ONSITE WORKERS DURING WORK WITH WATER THAT MAY CONTAIN HIGH PH LEVELS.

IV. SAFETY PROFESSIONAL AND SAFETY REPRESENTATIVE:

- A. THE CONTRACTOR SHALL EMPLOY A PROPERLY QUALIFIED SAFETY PROFESSIONAL WHOSE DUTIES SHALL BE TO INITIATE REVIEW AND IMPLEMENT MEASURES FOR THE PROTECTION OF HEALTH AND PREVENTIONS OF ACCIDENTS.
- B. THE CONTRACTOR SHALL ALSO EMPLOY SAFETY REPRESENTATIVE(S) WHOSE DUTIES, WORKING UNDER THE DIRECT SUPERVISION OF THE SAFETY PROFESSIONAL, SHALL INCLUDE THE IMPLEMENTATION OF THE SAFETY PROGRAM FOR THE WORK AT THE SITE.
- C. RECOGNITION AS A SAFETY PROFESSIONAL SHALL BE BASED ON A MINIMUM OF CERTIFICATION BY THE BOARD OF CERTIFIED SAFETY PROFESSIONAL AS A CERTIFIED SAFETY PROFESSIONAL AND FIVE YEARS OF PROFESSIONAL SAFETY MANAGEMENT EXPERIENCE IN THE TYPES OF CONSTRUCTION AND CONDITIONS EXPECTED ON THE SITE.
- D. THE SAFETY REPRESENTATIVE REQUIRES QUALIFICATIONS OF: FIVE YEARS OR RELEVANT EXPERIENCE, SUCCESSFUL COMPLETION OF THE OSHA 30 HOUR TRAINING COURSE, 40 HOUR TRAINING AS PER 29 CFR 1926.65, HAZARDOUS WASTE OPERATION AND EMERGENCY RESPONSE; AND, IF CONFINED SPACE ENTRY IS REQUIRED TRAINING AS PER 29 CFR 1010.146, PERMIT REQUIRED CONFINED SPACES.
- E. THE SAFETY PROFESSIONAL AND HIS/HER TRAIN SAFETY PROFESSIONAL SHALL AS A MINIMUM:
 - I. SCHEDULE AND CONDUCT SAFETY MEETINGS
 - II. DETERMINE THAT OPERATORS OF SPECIFIC EQUIPMENT ARE QUALIFIED BY TRAINING
 - III. DEVELOP AND IMPLEMENT EMERGENCY RESPONSE PROCEDURES. POST THE NAME, HOURS AND ADDRESS OF THE NEAREST MEDICAL DOCTOR, HOSPITAL AND TELEPHONE NUMBERS OF THE APPROPRIATE AMBULANCE, FIRE AND POLICE SERVICE.
 - IV. POST ALL APPROPRIATE NOTICES REGARDING SAFETY AND HEALTH REGULATIONS AT LOCATIONS THAT AFFORD MAXIMUM EXPOSURE TO ALL PERSONNEL.
 - V. POST APPROPRIATE INSTRUCTIONS AND WARNING SIGNS IN REGARD TO ALL HAZARDOUS AREAS OR CONDITIONS ON SITE.
 - VI. BE CERTAIN ALL SAFETY RULES ARE ENFORCED. MAKE INSPECTIONS AT LEAST ONCE PER SHIFT TO ENSURE ALL TOOLS AND EQUIPMENT ARE IN A SAFE OPERATING CONDITION.
 - VII. SUBMIT TO THE ENGINEER, EACH DAY, A COPY OF THE FINDINGS ON THE INSPECTION CHECK LIST REPORT FORMS ESTABLISHED IN THE HEALTH AND SAFETY PLAN.
 - VIII. PROVIDE SAFETY TRAINING AND ORIENTATION TO AUTHORIZED VISITORS TO ENSURE SAFETY WHILE ON THE JOB SITE.
 - IX. REGULARLY CHECK THE CONTRACTORS' SAFETY AND RESCUE EQUIPMENT, KEEPING A LOG NOTING WHO AND WHEN IT WAS CHECKED AND THAT IS WAS ACCEPTABLE.
 - X. ENSURE ALL CALIBRATED EQUIPMENT HAS COPIES OF DATED CALIBRATION CERTIFICATES.
- F. THE SAFETY PROFESSIONAL SHALL VISIT AND AUDIT ALL WORK AREAS AT LEAST ONCE EACH WEEK AND SHALL BE AVAILABLE FOR CONSULTATION WHENEVER NECESSARY.
- G. THE SAFETY REPRESENTATIVE MUST BE ON THE JOB SITE FULL TIME (A MINIMUM OF 8 HOURS PER WORKING DAY) WHENEVER INTRUSIVE WORK IS IN PROGRESS. WHEN MULTIPLE SHIFT WORK IS IN PROGRESS MORE THAN ONE SAFETY REPRESENTATIVE MAY BE REQUIRED.
- H. THE SAFETY PROFESSIONAL AND REPRESENTATIVE SHALL BE RESPONSIBLE FOR ENSURING CONTRACTOR COMPLIANCE WITH GOVERNING LAWS, RULES AND REGULATIONS AS WELL AS OF GOOD SAFETY PRACTICE.
- I. THE SAFETY STAFF SHALL MAINTAIN AND KEEP SAFETY RECORDS, UP TO DATE COPIES OF ALL RULES AND REGULATIONS, MSDS SHEETS, THE CONTRACTORS' SITE SPECIFIC HEALTH AND SAFETY PLANS AND THE SITE EMERGENCY RESPONSE PLAN WITH EMERGENCY TELEPHONE CONTACTS.

11. COMMUNITY AIR MONITORING PROGRAM

CONTRACTOR SHALL RETAIN A QUALIFIED FIRM TO CREATE AN AIR MONITORING PROGRAM AND CONDUCT ON SITE AIR MONITORING. QUALIFICATIONS OF SUCH FIRM SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.

AMBIENT AIR MONITORING WILL BE CONDUCTED BY THE PROFESSIONAL ENGINEER MONITORING THE WORK ON A REAL TIME BASIS DURING ALL SUBSURFACE CONSTRUCTION ACTIVITIES USING A MINIMUM OF A PHOTODUPLICATION DETECTOR AND A DUST METER. BATTERY CHARGE LEVEL FOR EACH INSTRUMENT WILL BE CHECKED AT THE BEGINNING AND THE END OF EACH DAY. THE INSTRUMENTS WILL BE CALIBRATED AT A FREQUENCY RECOMMENDED BY THE MANUFACTURER. ALL AIR MONITORING READINGS WILL BE RECORDED IN A LOGBOOK AND WILL BE AVAILABLE FOR REVIEW BY THE NYSDEC AND NYSDOH.

BASELINE CONDITIONS WILL BE MEASURED AT PROPOSED INTRUSIVE ACTIVITY LOCATIONS PRIOR TO COMMENCEMENT OF OPERATIONS. AIR QUALITY WITHIN THE WORK ZONE WILL BE MONITORED IN ACCORDANCE WITH THE SITE SPECIFIC HEALTH AND SAFETY PLAN CREATED BY THE CONTRACTOR. IN ADDITION TO MONITORING THE WORK AREA FOR WORKER SAFETY AND HEALTH, VOLATILE ORGANIC COMPOUND WILL BE MONITORED AT THE DOWNWIND PERIMETER OF THE WORK AREA EVERY HOUR. IF DOWNWIND PERIMETER ORGANIC VAPOR LEVELS EXCEED FIVE PARTS PER MILLION (PPM), ABOVE THE UPWIND WORK AREA PERIMETER CONCENTRATIONS, THE VAPOR EMISSION RESPONSE PLANS WILL BE IMPLEMENTED (SEE BELOW).

DUST SUPPRESSION TECHNIQUES WILL BE EMPLOYED AT ALL TIMES DURING SITE REDEVELOPMENT ACTIVITIES. USING A DUST METER, PARTICULATES WILL BE CONTINUOUSLY MONITORED IMMEDIATELY DOWNWIND IN THE WORK AREA AND INTEGRATED OVER A PERIOD NOT TO EXCEED 15 MINUTES. IF THE DOWNWIND PARTICULATE LEVEL IS MORE THAN 150 UG/M³, THEN UPWIND (BACKGROUND) LEVELS MUST BE MEASURED IMMEDIATELY. IF THE DOWNWIND LEVELS ARE MORE THAN 100 UG/M³ ABOVE BACKGROUND, ADDITIONAL DUST SUPPRESSION MEASURE MUST BE TAKEN.

12. VAPOR EMISSION RESPONSE PLAN

IF THE DOWNWIND AREA PERIMETER AIR CONCENTRATIONS OF ORGANIC VAPORS EXCEED THE UPWIND WORK AREA PERIMETER CONCENTRATION BY 5 PPM BUT LESS THAN 25 PPM, THE FOLLOWING ACTIONS WILL BE TAKEN:

- A. EVERY 30 MINUTES, MONITOR THE PERIMETER WORK AREA LOCATION
- B. EVERY 30 MINUTES, MONITOR THE ORGANIC VAPOR CONCENTRATION 200 FEET DOWNWIND OF THE WORK AREA PERIMETER OR HALF THE DISTANCE TO THE NEAREST RECEPTOR, WHICHEVER IS LESS. IF THIS READING EXCEEDS THE PERIMETER WORK AREA UPWIND ORGANIC CONCENTRATION BY 5 PPM, ALL WORK MUST HALT AND MONITORING INCREASED TO EVERY 15 MINUTES. IF, AT ANY TIME, THIS MAJOR READING EXCEEDS THE PERIMETER WORK AREA UPWIND CONCENTRATION BY 10 PPM, THE MAJOR VAPOR EMISSIONS RESPONSE PLAN WILL BE INITIATED (SEE BELOW).
- C. IF ORGANIC VAPOR LEVELS 200 FEET DOWNWIND OF THE WORK AREA PERIMETER OR HALF THE DISTANCE TO THE NEAREST RECEPTOR, WHICHEVER IS LESS, EXCEEDS 5 PPM, THE WORK AREA PERIMETER UPWIND CONCENTRATION PERSISTENTLY, THEN AIR QUALITY MONITORING MUST BE PERFORMED WITHIN 20 FEET OF THE NEAREST DOWNWIND RECEPTOR (20 FOOT ZONE). IF THE READINGS IN THE 20 FOOT ZONE EXCEED THE PERIMETER WORK AREA UPWIND CONCENTRATION BY 5 PPM FOR MORE THAN 30 MINUTES, THEN THE MAJOR VAPOR EMISSIONS RESPONSE PLAN WILL BE IMPLEMENTED.

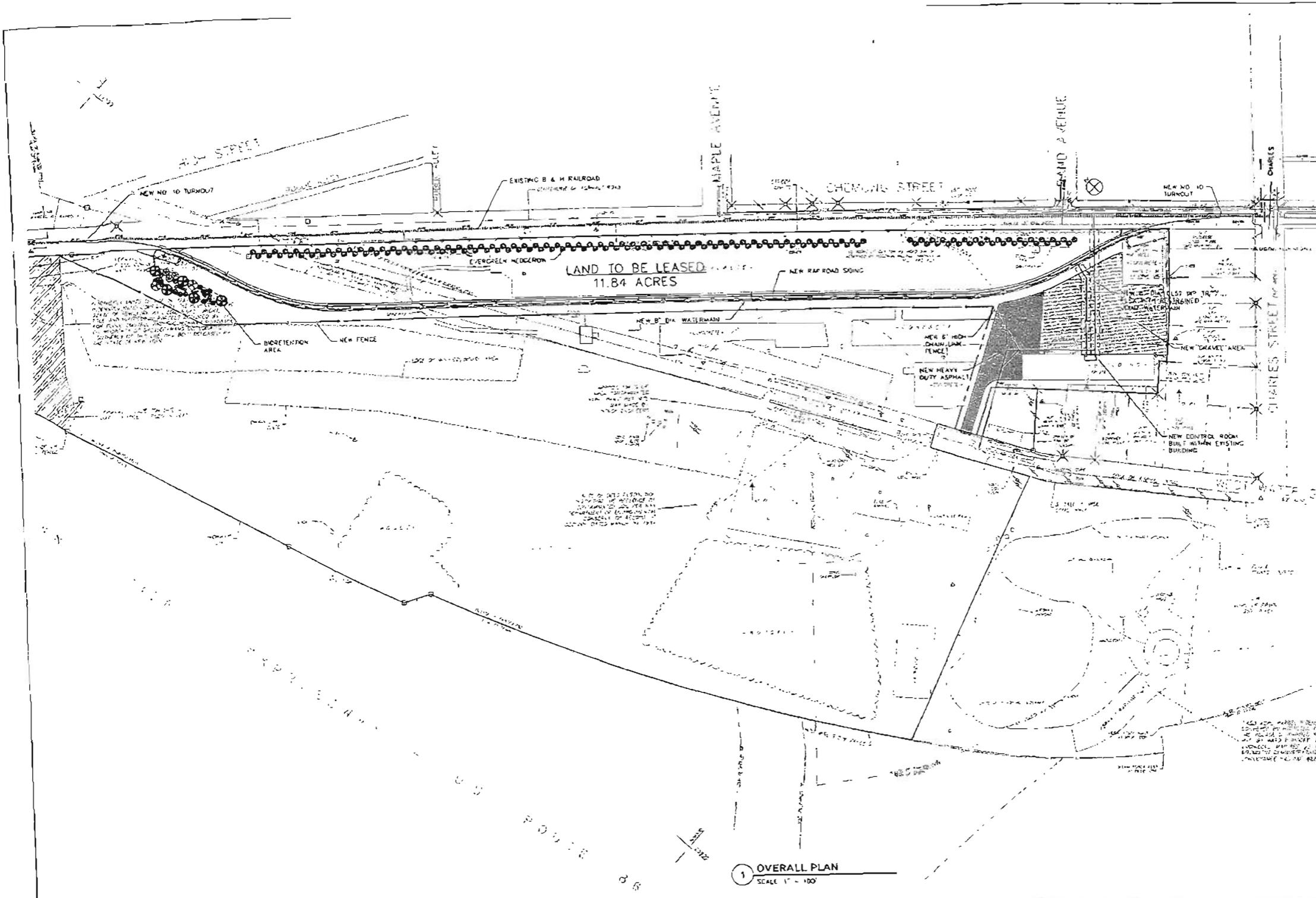
SOIL MANAGEMENT PLAN NOTES (CONTINUED)

13. MAJOR VAPOR EMISSION RESPONSE PLAN

IF THE DOWNWIND AREA PERIMETER AIR CONCENTRATIONS OF ORGANIC VAPORS EXCEED THE UPWIND WORK AREA PERIMETER CONCENTRATION BY 5 PPM BUT LESS THAN 25 PPM, THE FOLLOWING ACTIONS WILL BE TAKEN:

- A. ALL WORK WILL HALT
- B. ALL EMERGENCY RESPONSE CONTACTS AS LISTED IN THE HEALTH AND SAFETY PLAN WILL BE CONTACTED
- C. THE NYSDEC, NYSDOH AND THE STEUBEN COUNTY HEALTH DEPARTMENT WILL NOTIFIED AND ADVISED OF THE SITUATION.
- D. THE LOCAL POLICE AND FIRE DEPARTMENT AUTHORITIES WILL IMMEDIATELY BE CONTACTED BY THE SAFETY OFFICER AND ADVISED OF THE SITUATION
- E. FREQUENT AIR MONITORING WILL BE CONDUCTED AT 30-MINUTE INTERVALS WITHIN THE 20 FOOT ZONE. IF TWO SUCCESSIVE READINGS BELOW ACTION LEVELS ARE MEASURED, AIR MONITORING MAY BE HALTED OR MODIFIED BY THE SAFETY OFFICER AND WORK MAY RESUME.

<p>SOIL MANAGEMENT PLAN NOTES</p> <p>PAINTED POST TRANSLOADING SITE</p> <p>FOR WELLSBORO-CORNING RAILROAD</p> <p>VILLAGE OF PAINTED POST NEW YORK</p>	
<p>C0.3</p>	
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<p>BY: PNC</p> <p>DESCR. OF REVISION: REVISED FOR CONSTRUCTION</p> <p>DATE: 01/24/12</p>	<p>DRAWN BY: CED</p> <p>CHECKED BY: RMD</p> <p>DATE: NOVEMBER 04, 2011</p> <p>SCALE: 1" = 30'</p>



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CHECKED BY:	PMO
DATE:	NOVEMBER 04, 2011
SCALE:	1" = 40'
BY:	PMO
DESIGN FOR:	CONSTRUCTION
DATE:	01/27/12
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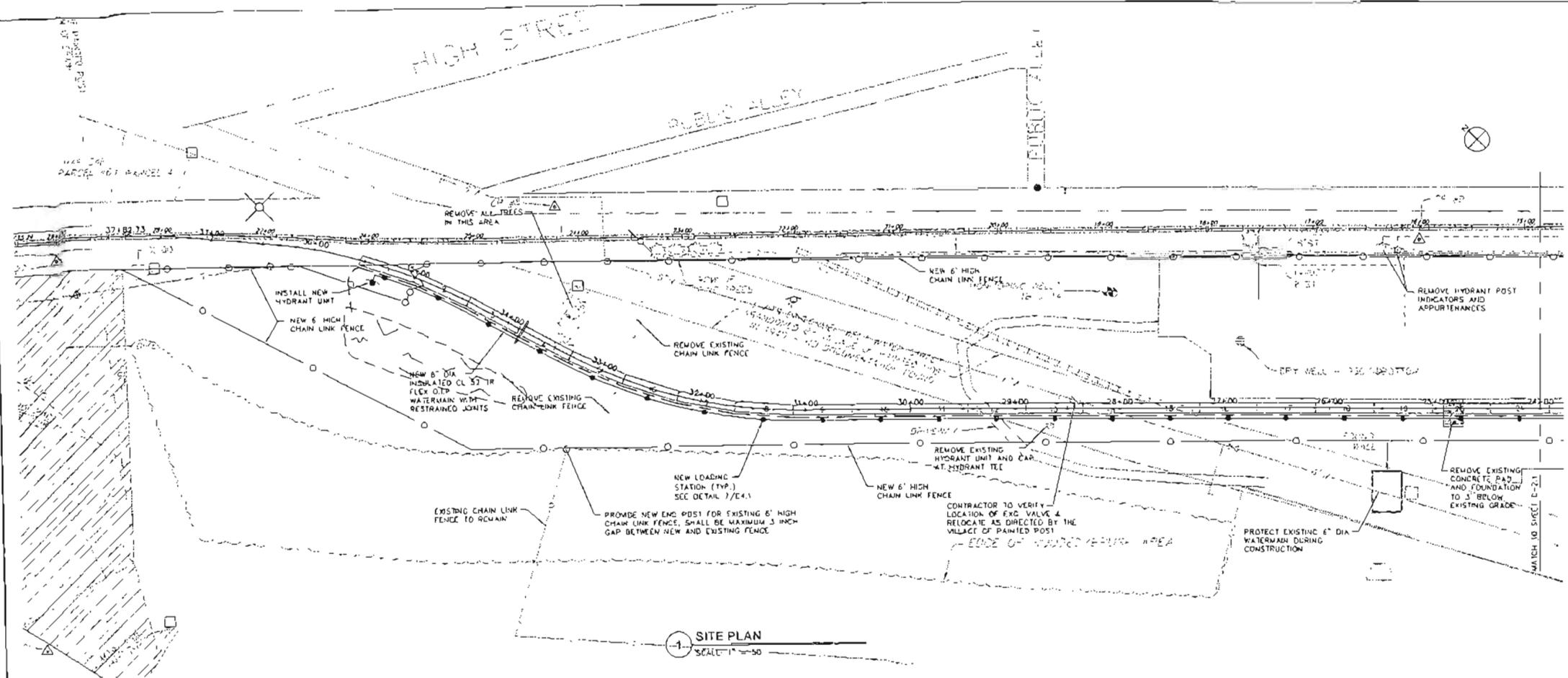
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OVERALL PLAN
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FOR WELLSBORO-CORNERING RAILROAD
 VILLAGE OF PAINTED POST
 NEW YORK

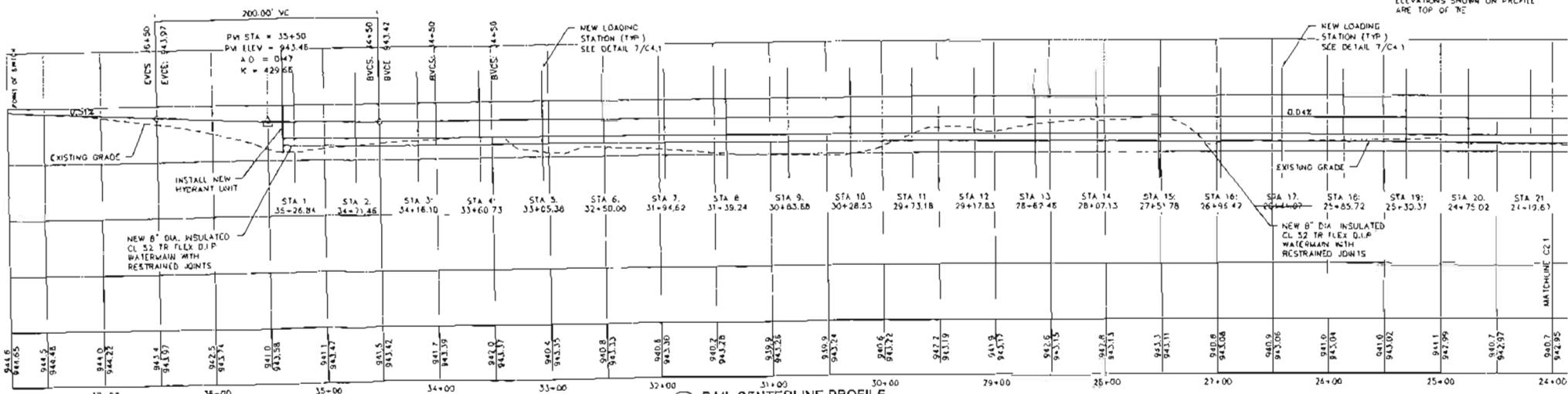
C1.1

 PROJECT NO. 1000-010

1 OVERALL PLAN
 SCALE 1" = 40'



1 SITE PLAN
SCALE: 1" = 50'



2 RAIL CENTERLINE PROFILE
SCALE: HORIZ 1" = 50', VERT 1" = 5'

OWNER BY	RED
CHECKED BY	RMD
DATE	NOVEMBER 04, 2017
SCALE	
BY	JME
REVISION	
DATE	01/27/17
DESCRIPTION	

SEI 306-1000
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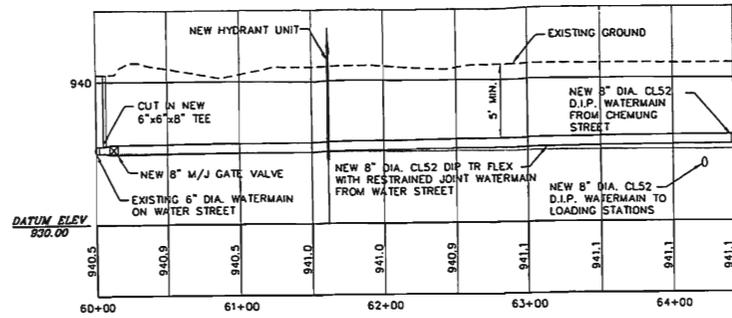
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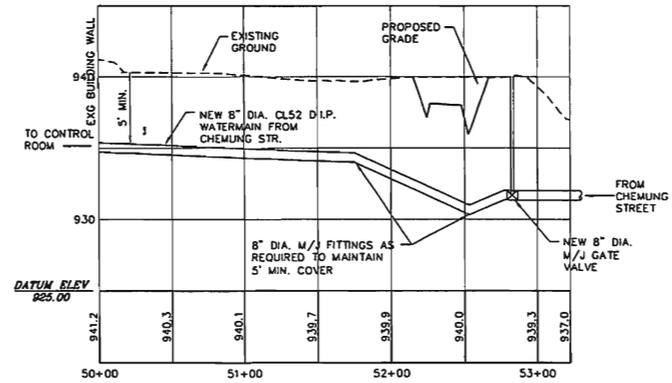
WATERMAIN PLAN AND PROFILE
PAINTED POST TRANSLOADING SITE
FOR WELLSBORO-CORNING RAILROAD
VILLAGE OF PAINTED POST
NEW YORK

C2.2

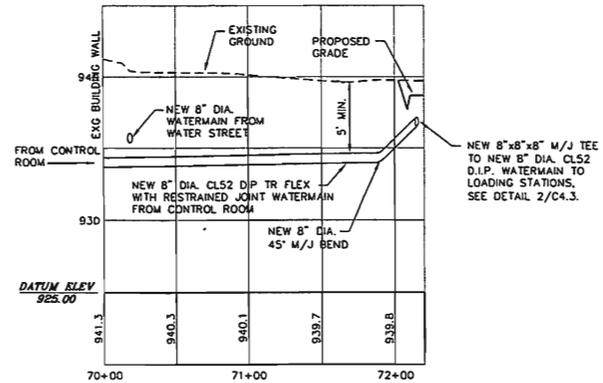
PROJECT NO
1089-010



3 WATERMAIN PROFILE FROM WATER STREET
SCALE: HORIZ. 1" = 50' ; VERT. 1" = 5'



2 WATERMAIN PROFILE FROM CHEMUNG STREET TO CONTROL ROOM
SCALE: HORIZ. 1" = 50' ; VERT. 1" = 5'



1 WATERMAIN PROFILE FROM CONTROL ROOM TO LOADING STATION WATERMAIN
SCALE: HORIZ. 1" = 50' ; VERT. 1" = 5'

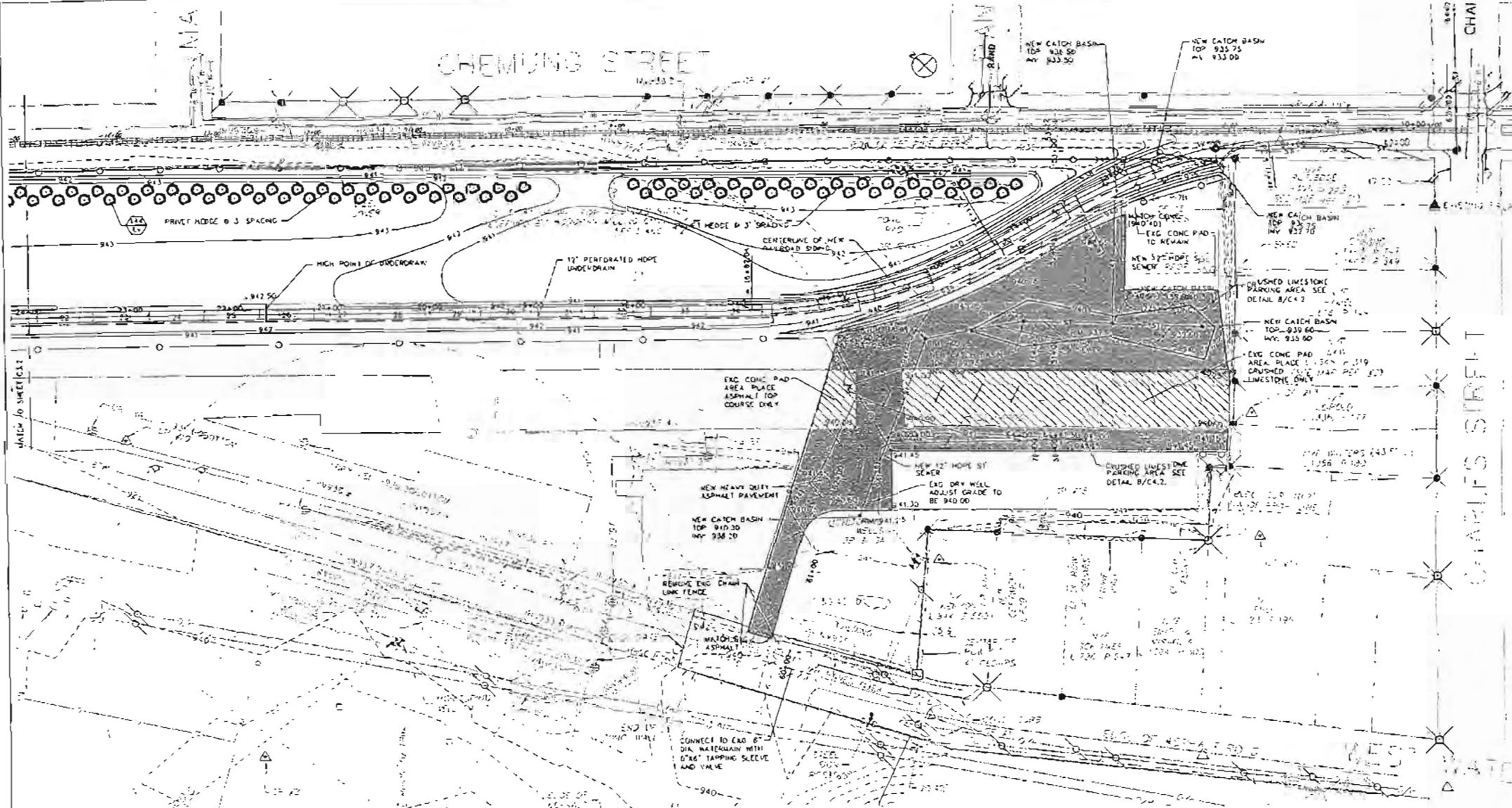
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NOVEMBER 04, 2011
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WATERMAIN PROFILES
**PAINTED POST TRANSLOADING SITE
FOR WELLSBORO-CORNING RAILROAD**
VILLAGE OF PAINTED POST
NEW YORK

C2.3

PROJECT NO:
1889-010



1 SITE GRADING PLAN
SCALE 1" = 50'

DATE NOVEMBER 04 2011
SCALE 1" = 50'
PROJECT NO. 1007
SHEET NO. 30

DESIGNED BY RMD
CHECKED BY RMD
DATE NOVEMBER 04 2011
SCALE 1" = 50'

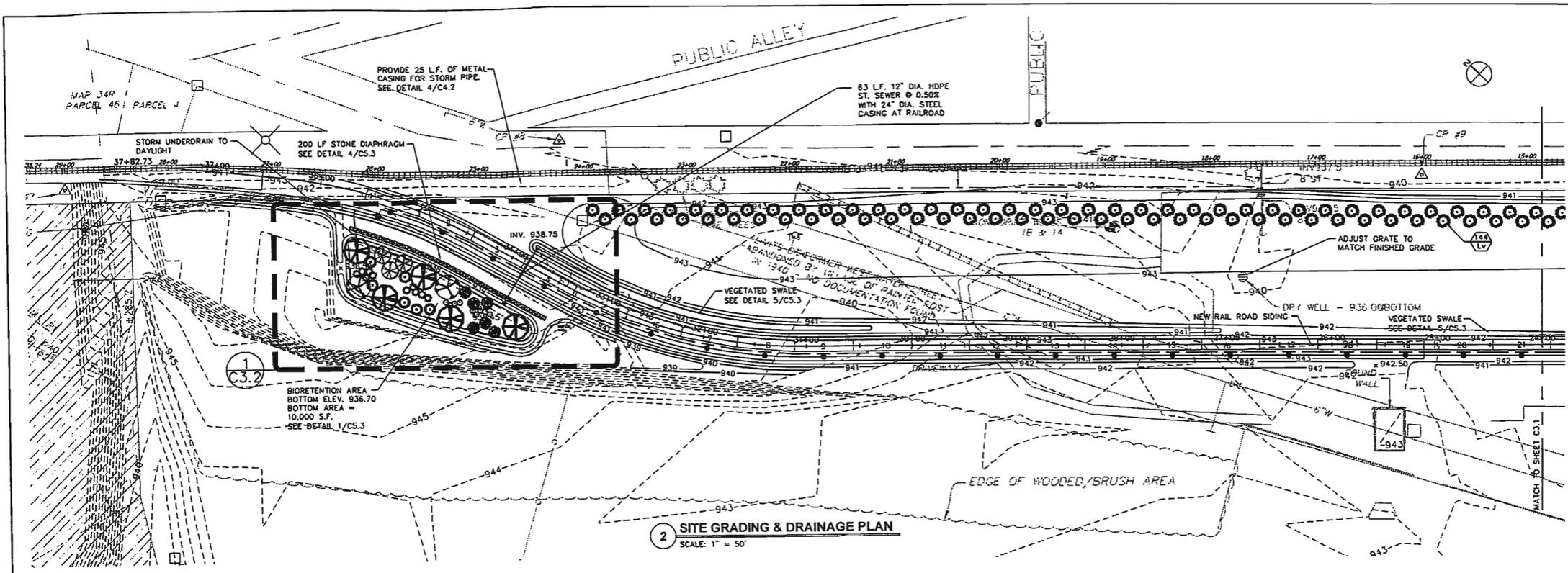
DATE 12/17/11
PROJECT NO. 1007
SHEET NO. 30
PROJECT NAME PAINTED POST TRANSLOADING SITE FOR WELLSBORO-CORNING RAILROAD VILLAGE OF PAINTED POST

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SITE GRADING AND PLANTING PLAN
PAINTED POST TRANSLOADING SITE
FOR WELLSBORO-CORNING RAILROAD
VILLAGE OF PAINTED POST
NEW YORK

C3.1

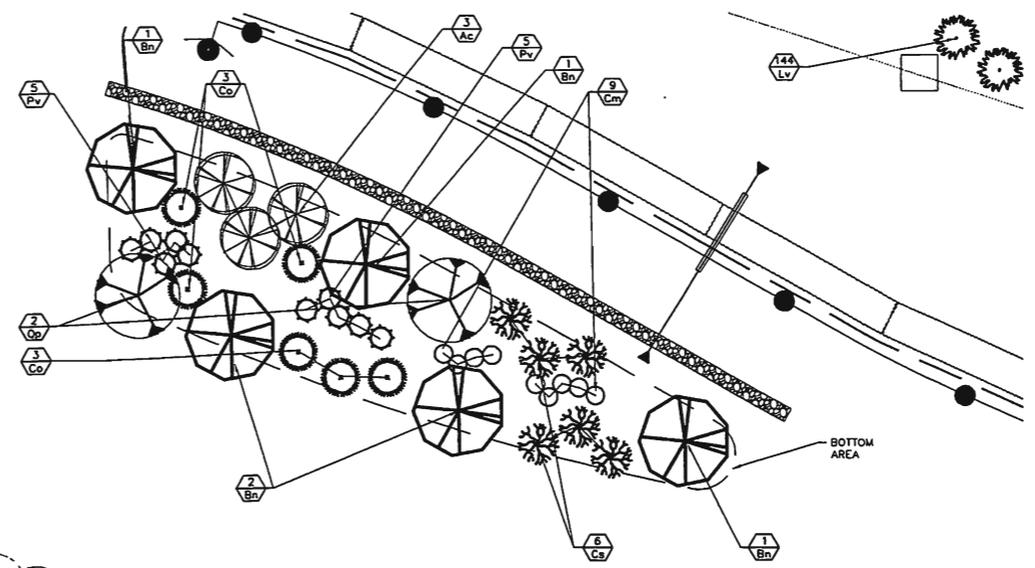
PROJECT NO. 1007
SHEET NO. 30



PLANTING SCHEDULE:

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
Ac	3	Amelanchier canadensis	SERVICEBERRY	4-6' MULTI. STEM	AS SHOWN
Bn	5	Betula nigra	RIVER BIRCH	10-12' MULTI. STEM	AS SHOWN
Cm	9	Carex muskingumensis 'Oehme'	PALM SEDGE	# 2 CONTAINER	AS SHOWN, EQUALLY SPACED
Co	6	Ceanothus occidentalis	BUTTON BUSH	# 5 CONTAINER	AS SHOWN
Cs	6	Cornus sericea 'Red osier'	RED TWIG DOGWOOD	# 5 CONTAINER	AS SHOWN
Pv	10	Panicum virgatum 'Warrior'	SWITCH GRASS	#2 CONTAINER	AS SHOWN, EQUALLY SPACED
Op	2	Quercus polustris	PIN OAK	1 1/2" CAL.	AS SHOWN
Lv	144	Ligustrum vulgare	COMMON PRIVET	3' B&B	AS SHOWN, 14 1/2' O.C.

- PLANTING NOTES:**
- FOR ADDITIONAL DETAILS SEE SHEET C5.3
 - THE PLANTING PLAN HAS BEEN DESIGNED TO INCORPORATE PLANTS WHICH ARE OUTLINED IN THE NEW YORK STATE DEPARTMENT OF CONSERVATION'S (NYSDEC) STORMWATER MANAGEMENT DESIGN MANUAL'S APPENDIX H: LANDSCAPING GUIDANCE, PLANT LIST. THE PLANTS WERE CHOSEN FOR THEIR RESILIENCE AND DIVERSITY. PLANTINGS ARE ARRANGED IN ORDER TO PROVIDE VARIOUS ELEMENTS TO THE PLANTING AREA. IN THE CENTER, WHERE THE WETTEST AREA WILL BE, SWITCH AND SEDGE GRASSES HAVE BEEN PLACED TO PROVIDE A LOW CENTRAL PATHWAY FOR LARGER VOLUMES OF WATER. FROM THERE MEDIUM SIZED SHRUBS, SUCH AS RED TWIG DOGWOOD AND BUTTON BUSH WHICH ARE FOUND IN MANY LOCAL WETLAND ENVIRONMENTS, WERE PLACED. SERVICE BERRY SHRUBS ESTABLISH A LARGER FORM ALONG THE EDGE OF THE SLOPE WHILE PROVIDING FOOD FOR MANY TYPES OF BIRDS. FINISHING ALONG THE EDGES ARE RIVER BIRCHES, A MEDIUM SIZED TREE THAT PROVIDES SOIL STABILITY AS WELL AS A HABITAT FOR THE LARGER ORGANISMS. WHEN PLANTED, THIS AREA SHOULD PROVIDE A DENSE PLANTING THAT PROVIDES THREE LEVELS OF VEGETATION.



DRAWN BY: CED
CHECKED BY: RMD
DATE: NOVEMBER 04, 2011
SCALE: 1" = 50'

DESIGN OF REVISION: NONE
REVISION FOR CONSTRUCTION

DATE: 11/24/12

Unauthorized Alteration or Addition to Plans Bearing a Licensed Engineer's or Architect's Seal is a Violation of Section 7209 of the New York State Education Law.

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SITE GRADING & PLANTING PLAN

PAINTED POST TRANSLOADING SITE FOR WELLSBORO-CORNING RAILROAD

VILLAGE OF PAINTED POST
NEW YORK

C3.2

PROJECT NO: 1889-010

AVENU

ST RAND



CUT AND REMOVE ASPHALT FOR TRENCHING
REPLACE WITH HEAVY DUTY ASPHALT

STORM MANHOLE ST1

STORM MANHOLE ST2
PROPOSED 12" STORM SEWER

STORM MANHOLE ST3
INV: 929.12
RIM: SEE NOTE

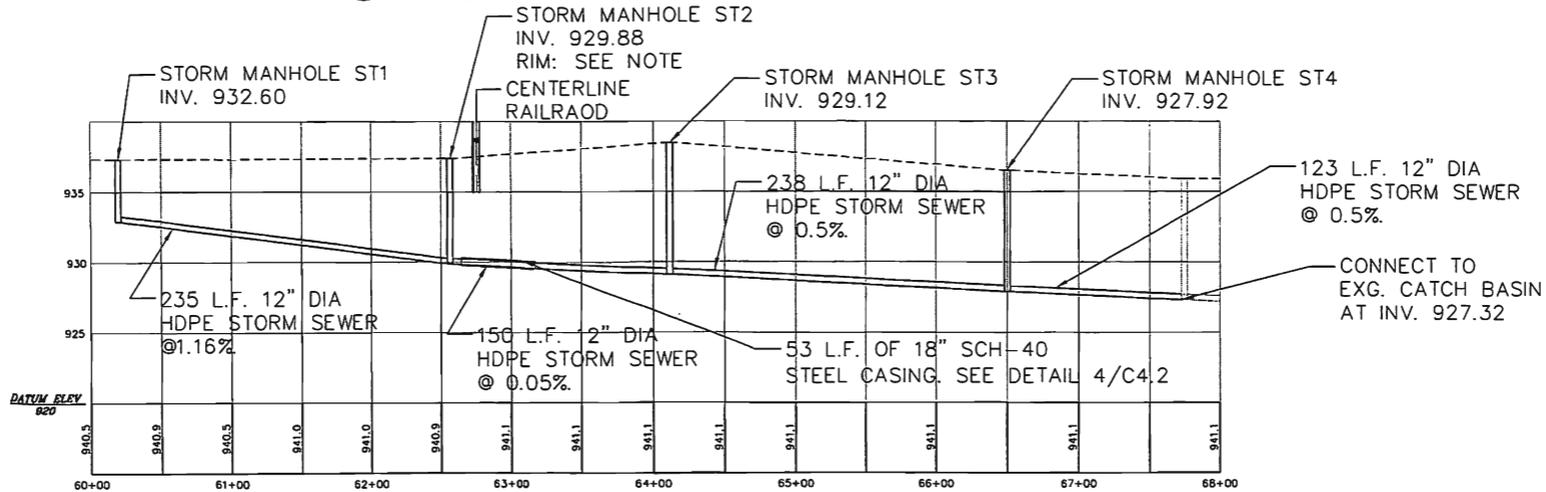
CONNECT TO EXISTING STORM SEWER SYSTEM
INV: 927.32

HENLEY LANE 67+00

STORM MANHOLE ST4
INV: 927.92
RIM: SEE NOTE

PROPOSED 12" STORM SEWER

1 PROPOSED STORM SEWER
SCALE: 1" = 30'



2 PROPOSED STORM SEWER PROFILE
SCALE: HORIZ 1" = 50' ; VERT. 1" = 5'

NOTE: EXISTING RIM ELEVATIONS TO BE DETERMINED BY CONTRACTOR

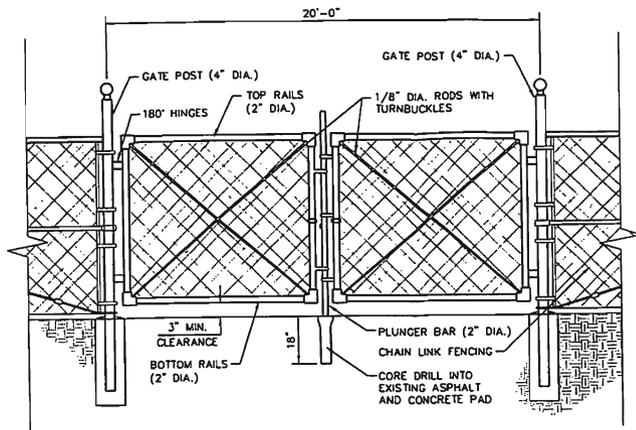
DRAWN BY:
 CHECKED BY:
 RMD
 DATE: NOVEMBER 04, 2011
 SCALE: 1" = 30'
 BY: JPM
 DATE: 01/24/12
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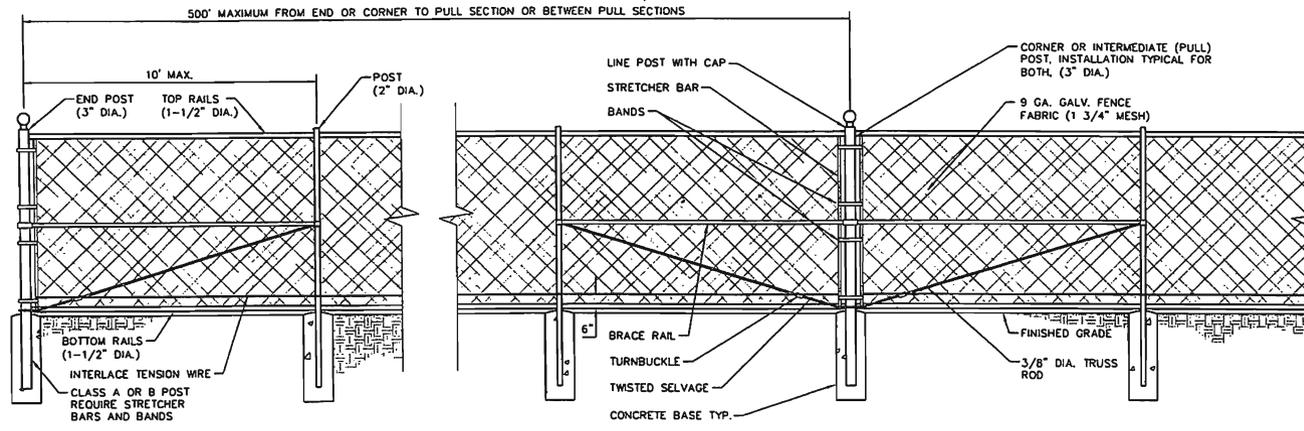
PROPOSED STORM SEWER
PAINTED POST TRANSLOADING SITE
FOR WELLSBORO-CORNING RAILROAD
 VILLAGE OF PAINTED POST
 NEW YORK

C3.3

PROJECT NO:
 1889-010

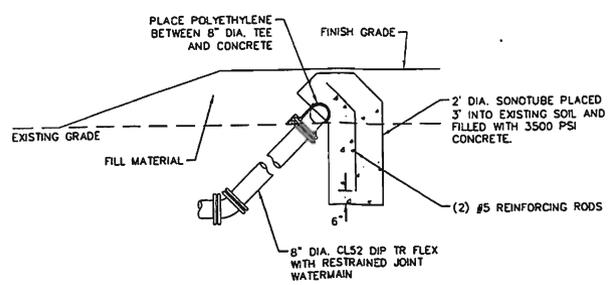


4 SWING GATE DETAIL
SCALE: N.T.S.

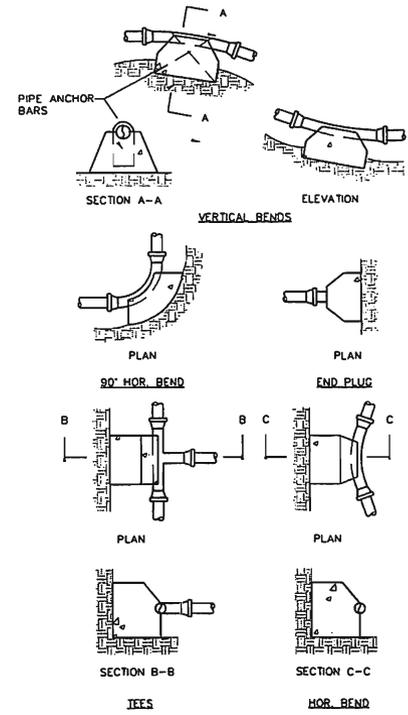


- NOTES:**
- THE CONTRACTOR SHALL SUBMIT DETAILS OF PROPOSED FENCE TO OWNER FOR APPROVAL PRIOR TO ERECTION.
 - THE CONCRETE BASES SHALL BE A MINIMUM OF 10" DIA. X 3'-0" DEPTH WITH THE POST EMBEDDED 2'-6" FOR FENCES 6' HIGH OR LESS AND 12" DIA. X 3'-6" DEPTH WITH THE POST EMBEDDED 3'-0" FOR FENCES OVER 6' HIGH.
 - THE TOP AND BOTTOM OF FENCE FABRIC SHALL HAVE TWISTED ENDS.

3 CHAIN LINK FENCE DETAILS
SCALE: N.T.S.



2 THRUST BLOCK DETAIL FOR PIPE PLACED IN FILL AREA (5' MIN. COVER)
SCALE: N.T.S.



1 THRUST BLOCK DETAIL (5' MIN. COVER)
SCALE: N.T.S.

PIPE DIA. (INCHES)	VERTICAL THRUST BLOCK VOLUME 100 P.S.I.G. INTERNAL PRESSURE						
	90° BEND	60° BEND	45° BEND	22.1/2° BEND	4\"/>		
6	1.5 C.Y.	1.2 C.Y.	.8 C.Y.	.4 C.Y.	.2 C.Y.	.2 C.Y.	.2 C.Y.
8	2.6 C.Y.	2.0 C.Y.	1.4 C.Y.	.7 C.Y.	.4 C.Y.	.4 C.Y.	.4 C.Y.
10 & 12	6.0 C.Y.	4.2 C.Y.	3.2 C.Y.	1.6 C.Y.	.8 C.Y.	.8 C.Y.	.8 C.Y.
14 & 16	11.2 C.Y.	7.9 C.Y.	6.1 C.Y.	3.1 C.Y.	1.6 C.Y.	1.6 C.Y.	1.6 C.Y.

SAFE BEARING LOADS OF SOILS AND FACTORS FOR MODIFICATION OF THRUST BLOCK AREAS

SOIL	SAFE BEARING LOAD P.S.F.	FACTOR
MUCK PEAT	0	-
SOFT CLAY	300	4.00
SAND	1000	2.00
SAND & GRAVEL	1500	1.33
SAND & GRAVEL COHESIVE W/CLAY	2000	1.00
SHALE	5000	0.40

MINIMUM THRUST BLOCK AREAS REQUIRED AT PIPE BENDS AND PLUGS UNDER VARIOUS INTERNAL PRESSURE IN GRANULAR SOIL WITH A BEARING LOAD OF 2000 P.S.F.

PIPE DIA. (INCHES)	HORIZ. THRUST BLOCK AREA - S.F. 100 P.S.I.G. INTERNAL PRESSURE						
	PLUG OR TEE	90° BEND	60° BEND	45° BEND	30° BEND	22.1/2° BEND	11 1/4° BEND
4	1	1	1	1	-	-	-
6	2	2	1	1	1	1	-
8	3	3	2	2	1	1	1
10	4.5	6	4	3	2.5	2	1
12	6	8	6	4	3	2	1
14 & 16	10	14	10	8	5	4	2

- NOTES:**
- NO. 4 REBAR FOR ANCHORS TO CONCRETE SHALL BE USED.
 - ALL THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED EARTH. ALL THRUST BLOCKS TO BE FORMED TO AVOID CONCRETE CONTACT WITH BOLT HEADS OR NUTS.
 - CONCRETE MIN. COMPRESSIVE STRENGTH SHALL BE 4000 PSI AT 28 DAYS.
 - THE CONTRACTOR SHOULD ALWAYS CONSIDER TEST PRESSURES WHEN CALCULATING BEARING AREA.
 - THRUST BLOCKS SHALL BE POURED AT ALL BENDS AND TAPPING SLEEVE AND VALVE CONNECTIONS.

DRAWN BY: CED
CHECKED BY: RMD
DATE: NOVEMBER 04, 2011
SCALE: 1"=30'
BY: JPHAL
DESCR. OF REVISION: REVISED FOR CONSTRUCTION
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DETAILS
PAINTED POST TRANSLOADING SITE FOR WELLSBORO-CORNING RAILROAD
VILLAGE OF PAINTED POST
NEW YORK

C4.3

PROJECT NO: 1685-010

GENERAL REQUIREMENTS:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION, CONTROL, AND MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL FACILITIES TO INSURE PROPER FUNCTIONING OF SAID FACILITIES DURING CONSTRUCTION IN THE INTEREST OF PREVENTING SEDIMENT FROM REACHING OFF-SITE AREAS.
2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN FIVE (5) DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. MULCH SHALL BE USED IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER. DISTURBED AREAS SHALL BE LIMED AND FERTILIZED PRIOR TO TEMPORARY SEEDING.
3. PERMANENT VEGETATION TO BE SEED OR SODDED ON ALL EXPOSED AREAS WITHIN FIVE (5) DAYS AFTER FINAL GRADING. MULCH AS NECESSARY FOR SEED PROTECTION AND ESTABLISHMENT. LIME AND FERTILIZER SEED BED PRIOR TO PERMANENT SEEDING.
4. THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS AND INSTALL ALL MEASURES REQUIRED TO CONTROL SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
5. THE CONTROL OF DUST IS IMPERATIVE FOR THIS PROJECT. DUSTY CONDITIONS RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED WITH THE USE OF CALCIUM CHLORIDE AND/OR WATER.
6. SUBGRADE MATERIAL LEFT EXPOSED FOR GREATER THAN 90 DAYS SHALL BE COVERED WITH A TEMPORARY COVER SYSTEM OR PLANTED WITH VEGETATION TO CONTROL DUST.

II. EROSION & SEDIMENT POLLUTION CONTROL (E & SPC) GUIDELINES

1. EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES AND PRACTICES, UTILIZED IN THE CONSTRUCTION OF THE PROJECT, SHALL BE CONSISTENT WITH THE LATEST VERSION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
2. NATURAL VEGETATION SHALL BE RETAINED, PROTECTED, AND SUPPLEMENTED, AS FEASIBLE PRIOR TO AND DURING CONSTRUCTION.
3. CUT AND FILL SLOPES SHALL BE BROUGHT TO FINAL PROPOSED GRADES AS SOON AS POSSIBLE IN THE CONSTRUCTION SEQUENCES. SEEDING AND MULCHING SHALL IMMEDIATELY FOLLOW.
4. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES (INCLUDING SWALES AND DITCHES) SHALL BE CONSTRUCTED, STABILIZED AND FUNCTIONAL BEFORE SITE DISTURBANCE WITHIN TRIBUTARY AREAS OF THOSE CONTROLS.
5. HEAVY CONSTRUCTION EQUIPMENT SHALL BE KEPT AS CLOSE TO THE WORK AREA AS POSSIBLE TO MINIMIZE DISTURBANCE OF SOIL ALREADY STABILIZED OR UNDISTURBED.
6. VEGETATIVE STABILIZATION SHALL BE PERIODICALLY INSPECTED FOR SUFFICIENT GROWTH AND PROGRESS. AREAS NOT RESPONDING SHALL BE PROMPTLY RESEEDED AND REMULCHED AS SOON AS POSSIBLE. AREAS SHOWING SIGNS OF EROSION PRIOR TO STABILIZATION SHALL BE GRADED, RESEEDED, AND REMULCHED AS SOON AS POSSIBLE. SOIL OR EROSION CONTROL FABRIC SHALL BE UTILIZED WHERE ADEQUATE STABILIZATION IS NOT OCCURRING.
7. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BEFORE BEGINNING EARTH MOVING ACTIVITIES, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
8. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES. STAGED CONSTRUCTION SHALL BE UTILIZED TO THE EXTENT POSSIBLE TO MINIMIZE THE AMOUNT OF DISTURBED AREA AT A SINGLE TIME.
9. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN 5 DAYS, 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 2.5 - 3.0 TONS PER ACRE, ACCORDING TO STATE STANDARDS.
10. IMMEDIATELY FOLLOWING INITIAL DISTURBANCES OF ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E., STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF 2.5 - 3.0 TONS PER ACRE.
11. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E., SLOPES GREATER THAN 3:1).
12. AT THE TIME WHEN SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS TO BE ESTABLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER.
13. 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.
14. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES UNTIL PROJECT IS COMPLETE.
15. REFER TO EROSION AND SEDIMENT CONTROL PLAN FOR SUGGESTED LOCATIONS OF TEMPORARY EROSION CONTROL FACILITIES.
16. ALL TRENCHES SHALL BE BACKFILLED DAILY. ALL DISTURBED AREAS SHALL BE GRADED TO THE FINAL CONTOURS, TOPSOILED, SEEDED, AND MULCHED AT THE END OF EACH WEEK. TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE INSTALLED AS NECESSARY.
17. SLOPES OF STOCKPILES SHALL BE NO MORE THAN A 1:2.
18. SILT FENCE BARRIERS SHALL BE PLACED AROUND ALL TEMPORARY STOCKPILE AREAS.
19. STRAW BALES SHOULD BE USED TO INTERCEPT SEDIMENT LADEN RUNOFF FROM TEMPORARY SWALES.
20. USE OF STRAW BALES SHALL BE LIMITED TO SWALES WHERE THE VELOCITY WILL BE LESS THAN FIVE FEET PER SECOND.

III. MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES

- PROPER MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT CONTROL FACILITIES ARE NECESSARY TO THE EFFECTIVENESS OF THE EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES.
1. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT THE ENTRANCE OF EACH CONSTRUCTION INGRESS AND EGRESS ONTO PUBLIC THOROUGHFARES AND STABILIZED ROADWAYS AS CONDITIONS REQUIRE.
 2. DISTURBED GROUND SURFACES SHALL BE SPRINKLED WITH WATER, AS NEEDED, TO LIMIT THE FORMATION AND MIGRATION OF AIRBORNE DUST.
 3. OPERATIONAL MEASURES SHALL BE EMPLOYED DURING CONSTRUCTION TO PREVENT THE SPILLS OF FUELS AND LUBRICANTS. IF A SPILL OCCURS, IT SHALL BE CONTROLLED IMMEDIATELY TO PREVENT ITS ENTRY INTO OFF-SITE AREAS INCLUDING ADJACENT STORM SEWER.
 4. ANY TEMPORARY EROSION CONTROL FACILITY SHALL REMAIN FUNCTIONAL UNTIL VEGETATIVE COVER IS SUFFICIENTLY ESTABLISHED WITHIN THE RESPECTIVE TRIBUTARY DRAINAGE AREA.
 5. ANY DEBRIS ACCUMULATED IN EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE REMOVED AND PROPERLY DISPOSED. THESE FACILITIES SHALL BE CHECKED DAILY AND AFTER RAINFALL EVENTS AND REPAIRED AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES 3 INCHES IN DEPTH.
 6. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE CLEANED AND REDRESSED WHEN VOIDS BECOME CLOGGED WITH MUD AND SEDIMENT.

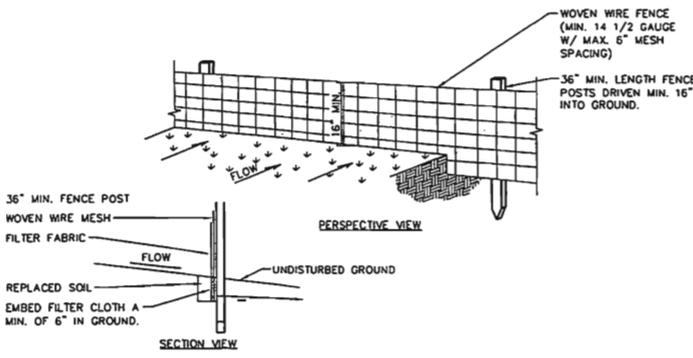
7. EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES (SILT FENCE, STABILIZED CONSTRUCTION ENTRANCES, AND OTHER ACCEPTABLE FACILITIES) SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION UNTIL COMPLETE SITE STABILIZATION.
8. SEDIMENT THAT BUILDS UP BEHIND THE FACILITIES SHALL BE REMOVED ON A REGULAR BASIS AND DISPOSED OF ON SITE AS GENERAL FILL.
9. SEDIMENT LADEN STRAW BALES THAT HAVE LOST THEIR STRUCTURAL INTEGRITY AND/OR EFFECTIVENESS SHALL BE DISPOSED OFF SITE AS A SOLID WASTE.

SEQUENCE OF CONSTRUCTION NOTES:

- THE FOLLOWING SEQUENCE OF CONSTRUCTION ARE STEPS REGARDING THE CONSTRUCTION/INSTALLATION OF VARIOUS PROJECT COMPONENTS THAT WILL ASSIST IN THE CONTROL OF EROSION AND SEDIMENTATION.
- A. INSTALLATION OF SILT BARRIER FENCES AND OTHER TEMPORARY EROSION CONTROL MEASURES.
 - B. EXCAVATION, FILLING, AND OTHER EARTHWORK OPERATIONS.
 - C. COMPLETION OF PROPOSED CONSTRUCTION.
 - D. TOPSOIL, SEEDING AND MULCHING OF DISTURBED AREAS.
 - E. ESTABLISHMENT OF PERMANENT VEGETATION AT ALL DISTURBED AREAS.
 - F. REMOVAL OF SILT BARRIER FENCES AND OTHER TEMPORARY EROSION CONTROL MEASURES.

IV. MULCHING AND SEEDING REQUIREMENTS

- TEMPORARY SEED REQUIREMENTS**
1. SEEDBED PREPARATION:
 - a. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT (50%) CALCIUM PLUS MAGNESIUM OXIDES) AT A RATE OF 90 POUNDS PER 1,000 SQUARE FEET. APPLY FERTILIZER AT A RATE OF 600 POUNDS PER ACRE OR 14 POUNDS PER 1,000 SQUARE FEET USING 10-20-10 OR EQUIVALENT.
 - b. WORK LIME AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM SEEDBED IS PREPARED.
 - c. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACT, THE AREA MUST BE RETILLED.
 2. SEEDING:
 - a. APPLY 50% KENTUCKY BLUEGRASS, 50% PERENNIAL RYE AT THE RATE OF 6 LBS PER 1000 S.F.
 - b. APPLY SEED WITH MECHANICAL SEEDER. OPTIMUM SEEDING DEPTH IS ONE INCH (EXCEPT SANDY SOILS, 2 INCHES).
 - c. WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTIPACKER TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHALL BE FIRMED FOLLOWING SEEDING OPERATIONS WITH A ROLLER, OR LIGHT DRAG. SEEDING OPERATIONS SHOULD BE ON THE CONTOUR.
 3. MULCHING:
 - a. MULCH MATERIALS SHALL BE UNROTTED SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 2-1/2 TO 3 TONS PER ACRE, OR 70 TO 90 POUNDS PER 1,000 SQUARE FEET. MULCH SHOULD NOT BE GROUND OR CHOPPED INTO SHORT PIECES.
 - b. SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 75 PERCENT TO 95 PERCENT OF THE SOIL SURFACE WILL BE COVERED.
 - c. MULCH ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER.
 - d. MULCHING NETTINGS - STAPLE, JUTE OR COTTON NETTINGS TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED.
 4. PERMANENT SEED REQUIREMENTS:
 - a. ALL PERMANENT SEEDING PER SPECIFICATION SECTION 32 92 19 - SEEDING.

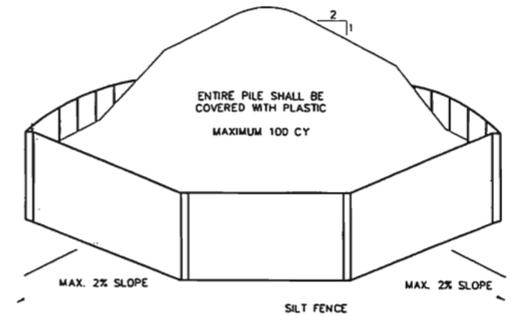


SILT FENCE NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POST WITH WIRE TIRES OR STAPLES. POSTS SHALL BE HARDWOOD OR STEEL OF EITHER "T" OR "U" TYPE.
2. FILTERCLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENINGS.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUAL.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVROFENCE, OR APPROVED EQUAL.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

3. SILT FENCE DETAIL

SCALE: N.T.S.

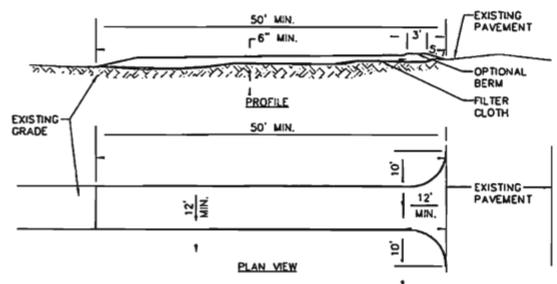


SOIL STOCKPILING NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING AND THEN STABILIZED WITH SEED OR SECURED IMPERVIOUS COVER.
4. SEE SILT FENCE INSTALLATION DETAIL.
5. STOCKPILES SHALL BE PLACED AT A MINIMUM OF 50 FEET FROM THE SITE BOUNDARIES.
6. PLASTIC SHEETING SHALL BE PLACED BELOW ALL STOCKPILE AREAS.

2. SOIL STOCKPILE DETAIL

SCALE: N.T.S.



NOTES:

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN 6 INCHES.
4. WIDTH - 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT THE POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH - WILL BE PLACED OVER ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIRECTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANEST OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. 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.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

1. CONSTRUCTION ENTRANCE DETAIL

SCALE: N.T.S.

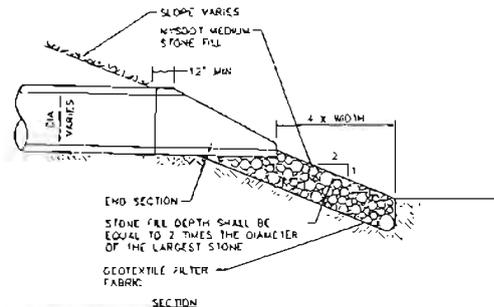
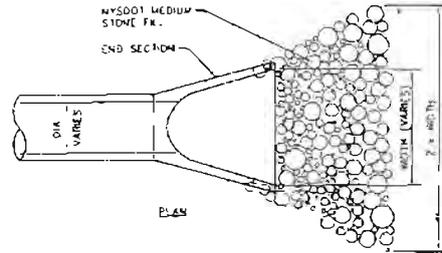
DRAWN BY: AMT	
CHECKED BY: RMD	
DATE: NOVEMBER 04, 2011	
SCALE: 1"=30'	
BY: PJC	
DESCR. OF REVISION: REVISED FOR CONSTRUCTION	
DATE: 01/24/12	
<p>HUNT</p> <p>UNREGISTERED ALIENATION OF ADDITION TO PRONG BEARING A LICENSED ENGINEER'S OR ARCHITECT'S SEAL IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.</p> <p>Copyright: 2011</p> <p>807-388-1000 FAX: 388-1000</p> <p>ENGINEERS • ARCHITECTS • SURVEYORS 400 WEST CENTRAL HIGHROAD, N.Y. 11943</p>	
<p>EROSION & SEDIMENT CONTROL DETAILS</p> <p>PAINTED POST TRANSLOADING SITE</p> <p>FOR WELLSBORO-CORNING RAILROAD</p> <p>VILLAGE OF PAINTED POST NEW YORK</p>	
<p>C5.2</p>	
<p>PROJECT NO: 1889-010</p>	

STORMWATER MANAGEMENT PRACTICE
 (name of practice)
 PROJECT ID - SPOES
 (Permit #)
 MUST BE MAINTAINED
 IN ACCORDANCE WITH O & M PLAN
 DO NOT REMOVE
 OR ALTER

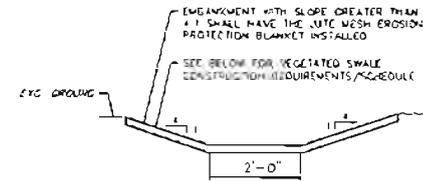
SIGN REQUIREMENTS

THE VEGETATED SWALE AND BIORETENTION AREA USED FOR RUNOFF REDUCTION VOLUME SHALL HAVE A SIGN POSTED IN THE IMMEDIATE VICINITY OF THE PRACTICE TO IDENTIFY IT. THE SIGN SHALL BE LEGIBLE AND NOT LESS THAN 16"x24" (OR 10"x12" FOR FOOT PRINTS SMALLER THAN 400 SF) BEARING THE FOLLOWING INFORMATION:

7 STORMWATER PRACTICE SIGNAGE DETAIL
 SCALE: N.T.S.



6 STORM SEWER END SECTION DETAIL
 SCALE: N.T.S.

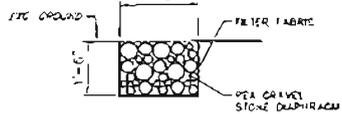


VEGETATED SWALE CONSTRUCTION REQUIREMENTS/SCHEDULE

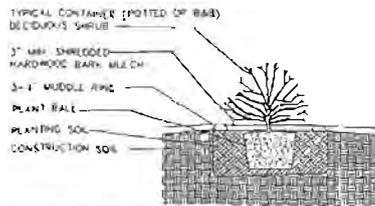
1. STRIP VEGETATION SOIL & DEBRIS FROM SWALE
2. AMEND SOIL AS NEEDED W/ FERTILIZER AND LIME
3. PROVIDE 4" OF TOPSOIL
4. APPLY SEED MIX

KENTUCKY BLUEGRASS	75#/ACRE
CREeping RED FESCUE	20#/ACRE
PERENNIAL RHYEGRASS	10#/ACRE
5. MULCH SEED BED
6. WATER AS NEEDED

5 VEGETATED SWALE SECTION
 SCALE: N.T.S.

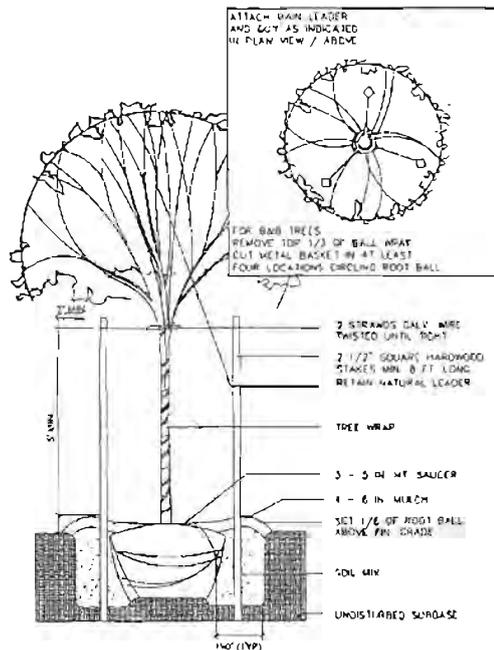


4 STONE DIAPHRAGM SECTION
 SCALE: N.T.S.

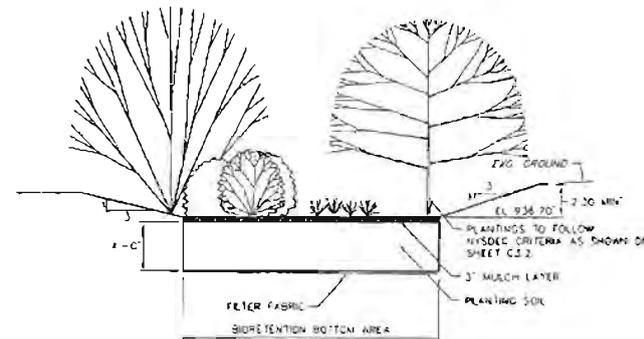


NOTE: PRUNE SHRUB AS RECOMMENDED BY GROWER ONLY AFTER THE PLANT HAS BEEN WATERED IN TO THE PLANTING SOIL.

3 SHRUB/PERENNIAL PLANTING DETAIL
 SCALE: NOT TO SCALE



2 DECIDUOUS TREE PLANTING DETAIL
 SCALE: NOT TO SCALE



NOTES

THE PLANTING SOIL SHALL BE TESTED AND SHALL MEET THE FOLLOWING CRITERIA

PH RANGE	5.2-7.0
ORGANIC MATTER	1.5-4.0%
NITROGEN	35 LB./AC
PHOSPHORUS	75 LB./AC
POTASSIUM	65 LB./AC
SOLUBLE SALTS	NOT TO EXCEED 500 PPM

A TEXTURAL ANALYSIS IS REQUIRED FROM THE SITE STOCKPILED TOPSOIL. COMPACTION MUST BE MINIMIZED OF BOTH THE BASE AND THE BACKFILL. DO NOT USE HEAVY EQUIPMENT WITHIN THE BIORETENTION BASIN. GRADE BIORETENTION MATERIALS BY HAND OR WITH LIGHT EQUIPMENT SUCH AS A COMPACT LOADER OR A DOZER/LOADER WITH WASH TRACKS.

SHREDDED HARDWOOD MULCH IS THE ONLY ACCEPTED MULCH. SHREDDED MULCH MUST BE WELL AGED (6 TO 12 MONTHS) FOR ACCEPTANCE.

THE BIORETENTION FACILITY MAY NOT BE CONSTRUCTED UNTIL ALL CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

REFER TO NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL - APPENDIX C AND APPENDIX H.

5 BIORETENTION AREA SECTION
 SCALE: N.T.S.

DATE	01/24/12
DESIGNED BY	...
CHECKED BY	...
DATE	NOVEMBER 04, 2011
SCALE	1"=30'
BY	...
REVISION	...
DATE	01/24/12
REVISION	...

FOR 350,000
 FOR 350,000

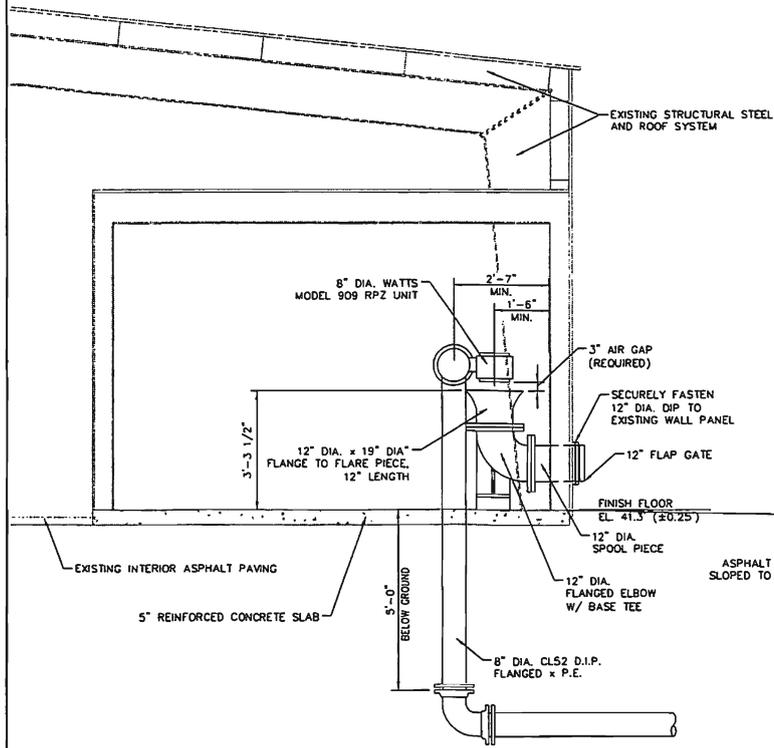
HUNT

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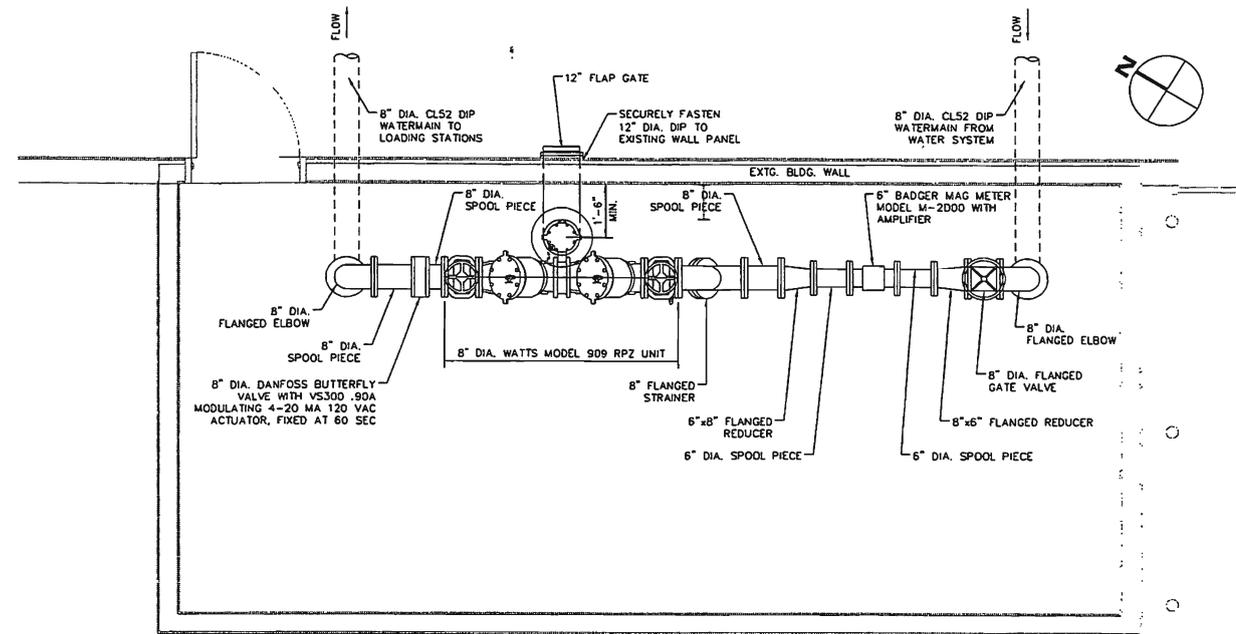
STORMWATER MANAGEMENT PRACTICE DETAILS
PAINTED POST TRANSLOADING SITE
FOR WELLSBORO-CORNING RAILROAD
 VILLAGE OF PAINTED POST

C5.3

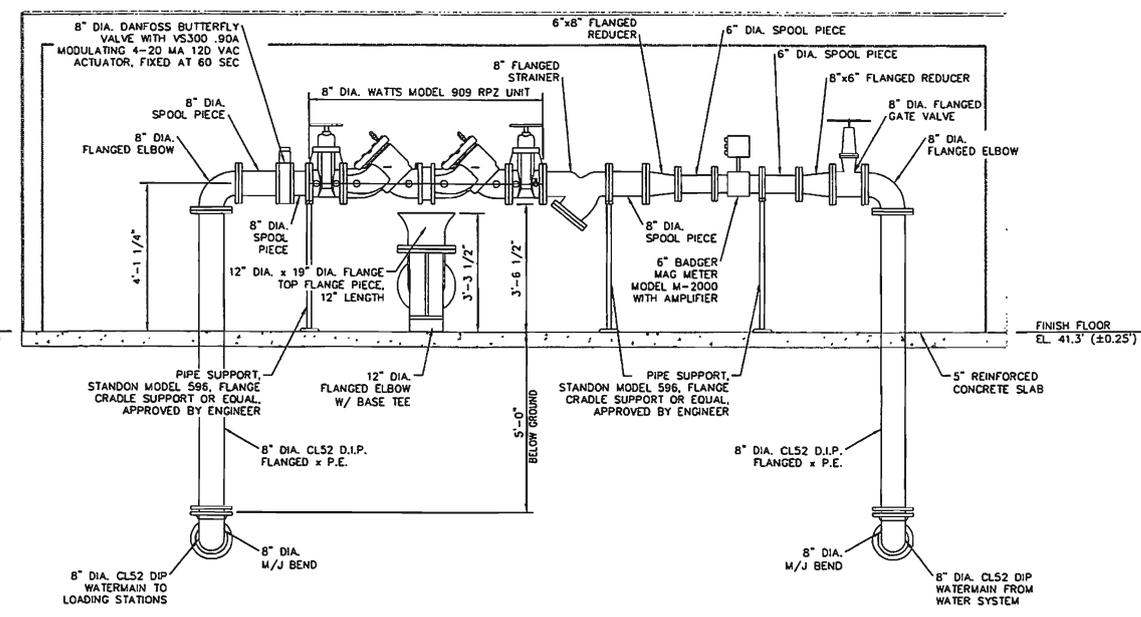
PROJECT NO.
 1852-010



2 CONTROL ROOM SECTION
SCALE: 1/2" = 1'-0"

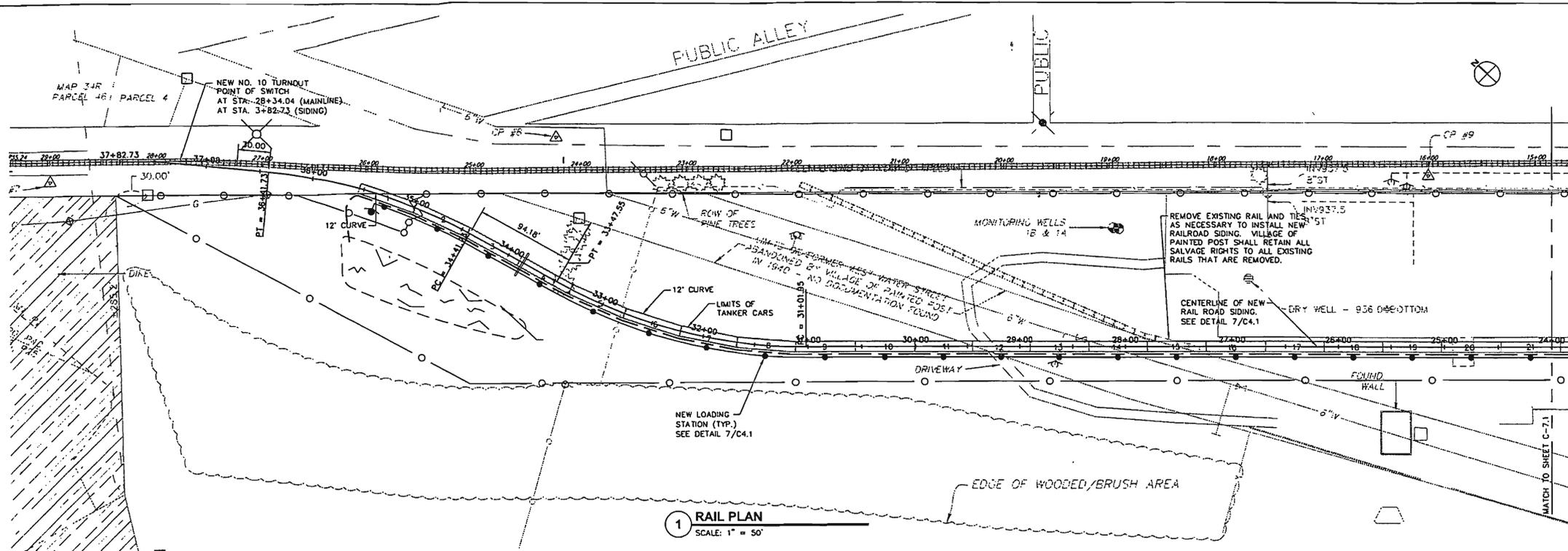


3 CONTROL ROOM PLAN
SCALE: 1/2" = 1'-0"

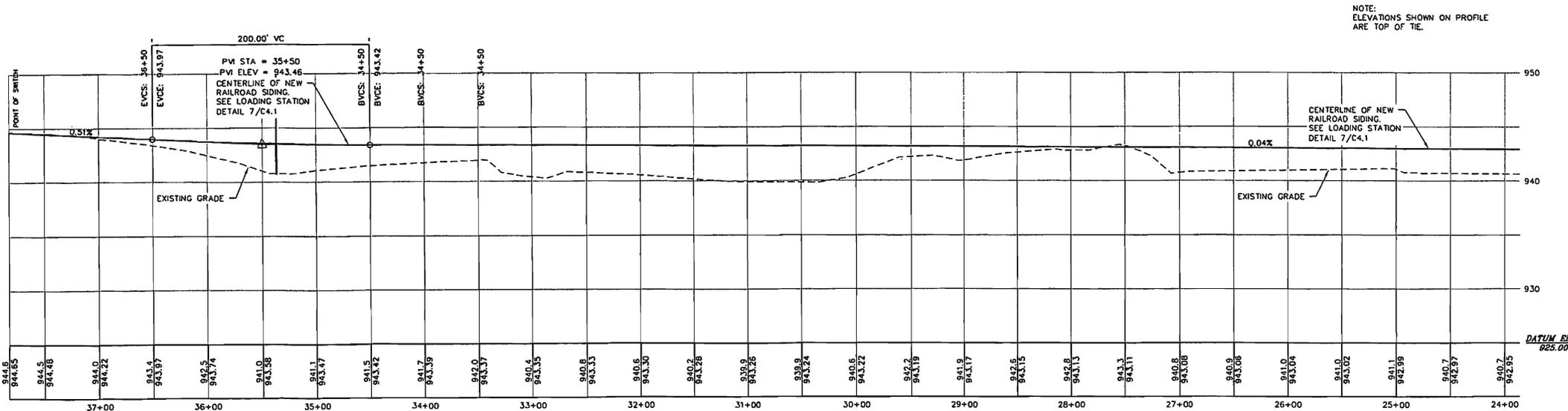


1 CONTROL ROOM ELEVATION
SCALE: 1/2" = 1'-0"

<p>DRAWN BY: FMG</p> <p>CHECKED BY: RMD</p> <p>DATE: NOVEMBER 04, 2011</p> <p>SCALE: 1" = 30'</p> <p>BY: FMG</p> <p>DESCR. OF REVISION: REVISED FOR CONSTRUCTION</p> <p>DATE: 01/24/12</p> <p># 1 2 3 4 5 6 7 8 9 10</p> <p>Unauthorized Alteration Or Addition To Plans Bearing A Licensed Engineer's Or Architect Seal Is A Violation Of Section 7209 Of The New York State Education Law.</p> <p>Copyright: 2011</p>	<p>907.386-1000 FAX: 386-1000</p> <p>FULTON</p> <p>ENGINEERS • ARCHITECTS • SURVEYORS 100 RINECK CENTER, HORSENEADS, N.Y. 10988</p>	<p>CONTROL ROOM & RPZ DETAILS</p> <p>PAINTED POST TRANSLOADING SITE</p> <p>FOR WELLSBORO-CORNING RAILROAD</p> <p>VILLAGE OF PAINTED POST NEW YORK</p>	<p>C6.1</p> <p>PROJECT NO: 1889-010</p>
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1 RAIL PLAN
SCALE: 1" = 50'



2 RAIL CENTERLINE PROFILE
SCALE: HORIZ. 1" = 50' ; VERT. 1" = 5'

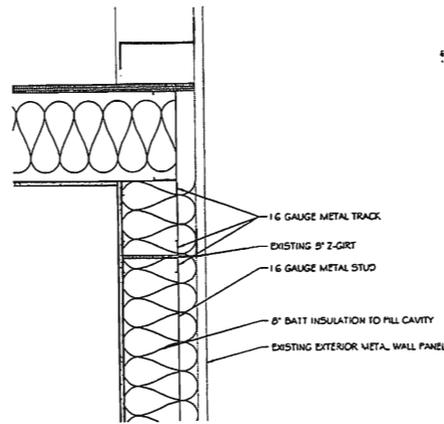
DRAWN BY : CED
CHECKED BY : RMD
DATE : NOVEMBER 04, 2011
SCALE : 1" = 30'
BY : LMC
DESCR. OF REVISION : REVISED FOR CONSTRUCTION
DATE : 11/07/12

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FAX: 907.388-1800
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RAIL PLAN AND CENTERLINE PROFILE
PAINTED POST TRANSLOADING SITE
FOR WELLSBORO-CORNING RAILROAD
VILLAGE OF PAINTED POST
NEW YORK

C7.2
PROJECT NO.: 1889-010

NOTE: ELEVATIONS SHOWN ON PROFILE ARE TOP OF TIE.



7 SECTION
1/4" = 1'-0"

GENERAL NOTES:

1. PROVIDE 14 GAUGE HM STEEL FRAMES BY CURRIES MFG INC. AT DOOR LOCATION. DOOR FRAME TO BE INSTALLED 2" FROM ADJACENT WALL. COLOR OF FRAME TO BE DETERMINED BY OWNER.
2. PROVIDE 3'-0" X 7'-0" FRP DOOR BY SPECIAL-LITE, MODEL SL-17 PEBBLESTONE. COLOR TO BE DETERMINED BY OWNER.
3. ALL WALLS TO BE 6" (14 GAUGE) METAL STUD @ 16" O.C. WITH 5/8" PLYWOOD ON EXTERIOR AND CEMENTIOUS PANELS ON INTERIOR. WALL CAVITY TO BE FILLED WITH BATT INSULATION. FACED. WALLS TO BE ANCHORED TO CONCRETE SLAB.
4. CEILING TO BE 10" (16 GAUGE) METAL JOIST 105200-54 @ 16" O.C. WITH 3/4" PLYWOOD ON EXTERIOR AND CEMENTIOUS PANELS ON INTERIOR. CEILING CAVITY TO BE FILLED WITH BATT INSULATION. FACED. CEILING HEIGHT TO BE 8'-0".
5. CEMENTIOUS CEILING PANELS, WALL PANELS, AND BATTEN STRIPS TO BE BY JAMES HARDIE COMPANY. PROVIDE SMOOTH TEXTURE FOR BOTH. COLOR TO BE DETERMINED BY OWNER.

DEMOLITION NOTES:

- D1. REMOVE EXISTING WALLS, CEILING, AND HOLLOW METAL DOOR IN THEIR ENTIRETY.
- D2. REMOVE EXISTING CONCRETE SLAB IN ITS ENTIRETY. SAWCUT EXISTING ASPHALT PAVING PER NEW WORK FOOTPRINT. EXCAVATE TO COMPLETE NEW PIPING AND CONCRETE SLAB WORK.
- D3. REMOVE EXISTING BOLLARDS AND RAILING SYSTEM (IF INDICATED) IN ITS ENTIRETY.
- D4. REMOVE EXISTING FIRE PROTECTION PIPING IN ITS ENTIRETY.

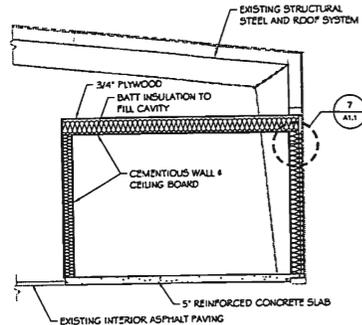
DRAWN BY:	MLS
CHECKED BY:	RAD
DATE:	NOVEMBER 04, 2011
SCALE:	1" = 30'
BY:	JMC
DESCR. OF REVISION:	REMOVED FOR CONSTRUCTION
DATE:	01/24/12
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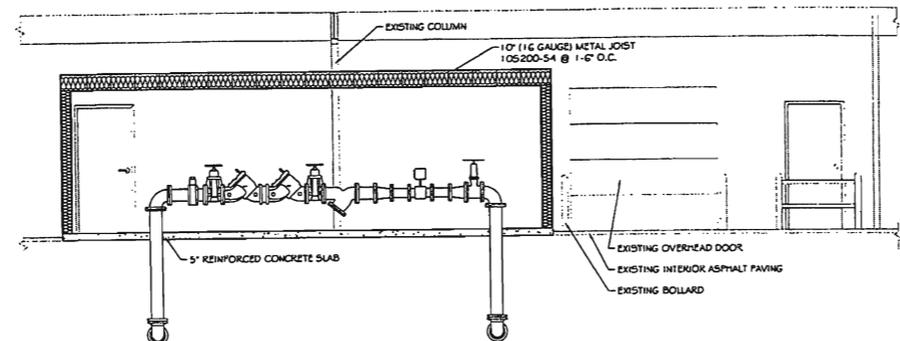
ELEVS, FLOOR & ROOF PLANS
PAINTED POST TRANSLOADING SITE
FOR WELLSBORO-CORNING RAILROAD
NEW YORK
VILLAGE OF PAINTED POST

A1.1

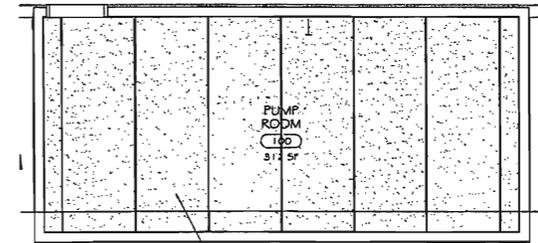
PROJECT NO:
1889-010



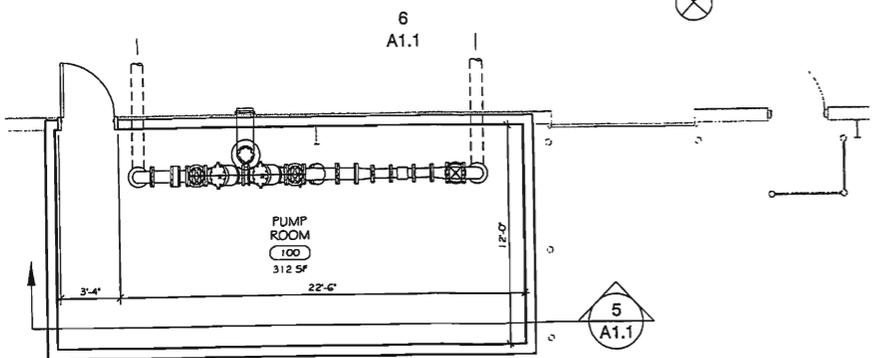
6 SECTION 3-B
1/4" = 1'-0"



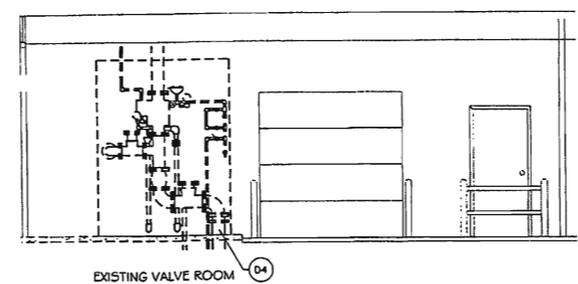
5 SECTION 3-A
1/4" = 1'-0"



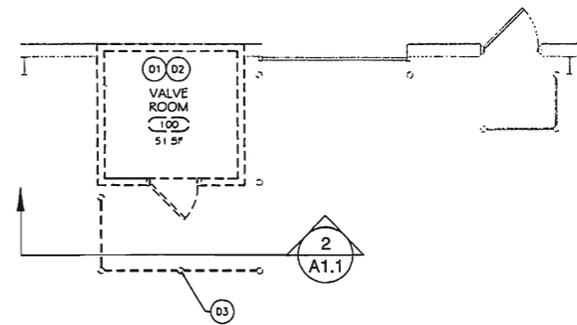
4 REFLECTED CEILING PLAN
1/4" = 1'-0"



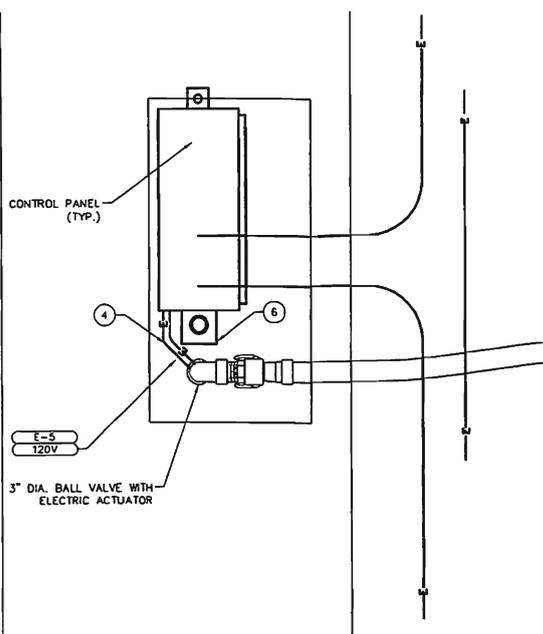
3 MECHANICAL ROOM PLAN
1/4" = 1'-0"



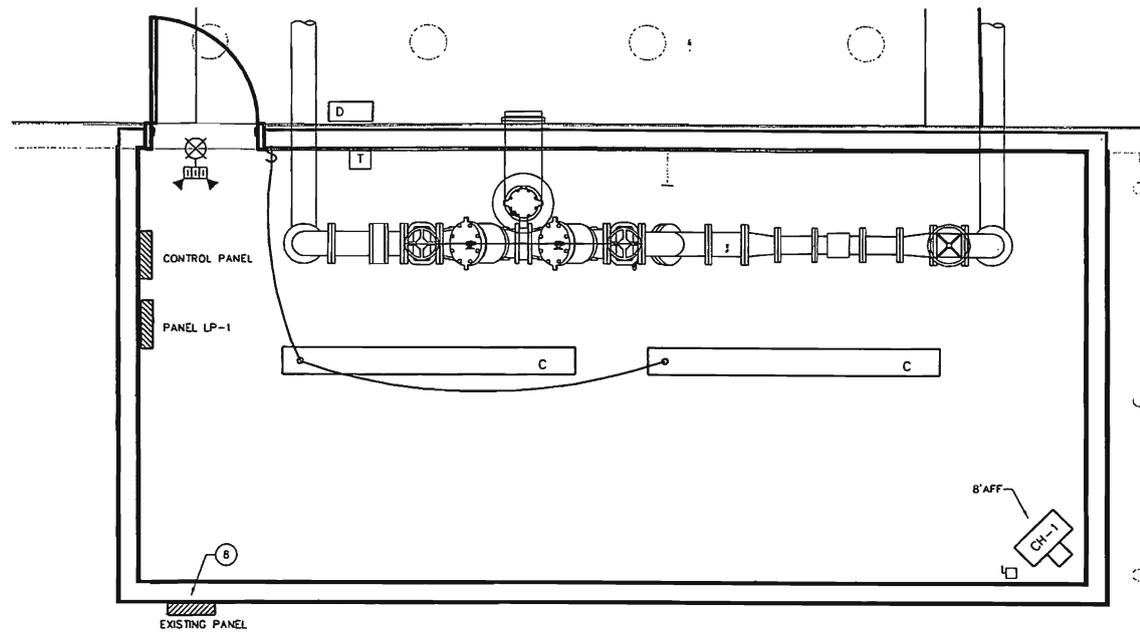
2 DEMOLITION ELEVATION
1/4" = 1'-0"



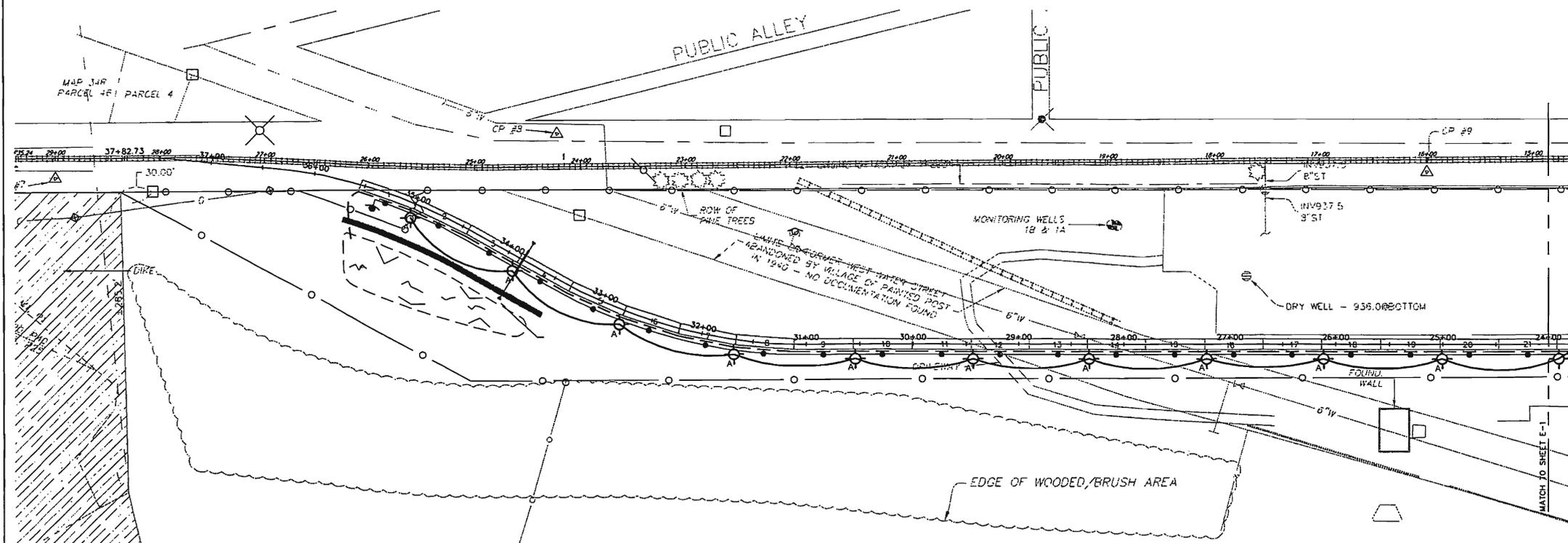
1 DEMOLITION PLAN
1/4" = 1'-0"



3 CONTROL PANEL DETAIL
SCALE: 1/2" = 1'-0"



2 CONTROL ROOM ELECTRICAL PLAN
SCALE: 1/2" = 10'



1 PLAN VIEW
SCALE: 1" = 50'

GENERAL NOTES
REFER TO DWG. E1.1

DRAWING NOTES
REFER TO DWG. E1.1

DRAWN BY :	FMG
CHECKED BY :	RMD
DATE :	NOVEMBER 04, 2011
SCALE :	1" = 30'
BY :	JPM
REVISION:	CONSTRUCTION
DATE:	01/24/12

607.339.1000
FAX: 359.1000

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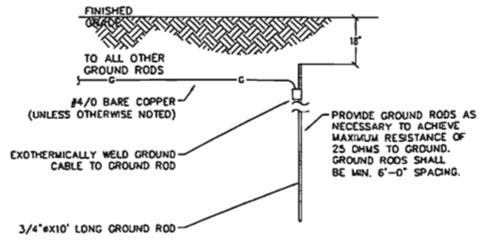
ELECTRICAL POWER & LIGHTING PLAN

**PAINTED POST TRANSLOADING SITE
FOR WELLSBORO-CORNING RAILROAD**

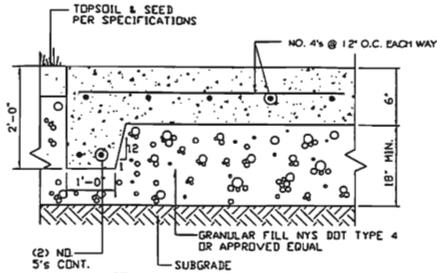
VILLAGE OF PAINTED POST
NEW YORK

E1.2

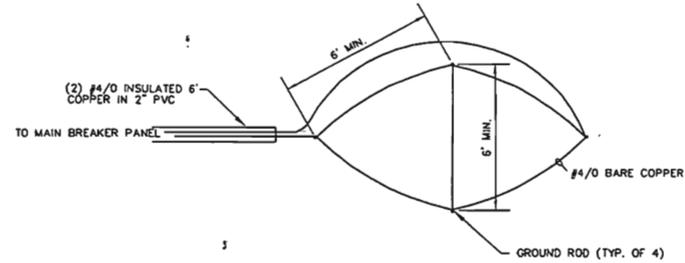
PROJECT NO:
1889-010



8 GROUND ROD DETAIL
SCALE: N.T.S.



- 7 CONCRETE PAD SECTION (FOR ELECTRICAL SERVICE)**
NOT TO SCALE
1. CONCRETE PAD TO BE 3500 PSI CONCRETE
 2. CONCRETE PAD SIZE TO BE 7' X 4' X 6" THICK
 3. ALL UTILITIES TO AND FROM ELECTRICAL SERVICE TO BE INSTALLED ON TOP OF PAD.

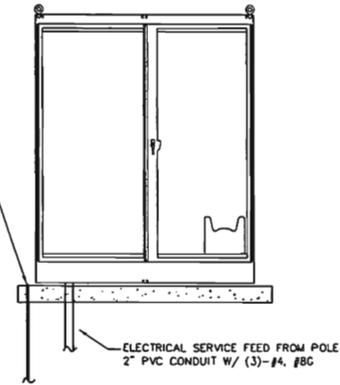


6 GROUNDING DETAIL
SCALE: NOT TO SCALE

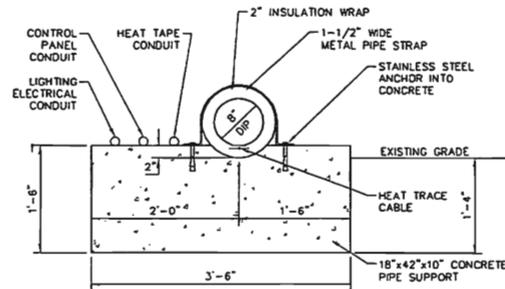
GENERAL NOTES
REFER TO DWG. E1.1

DRAWING NOTES
REFER TO DWG. E1.1

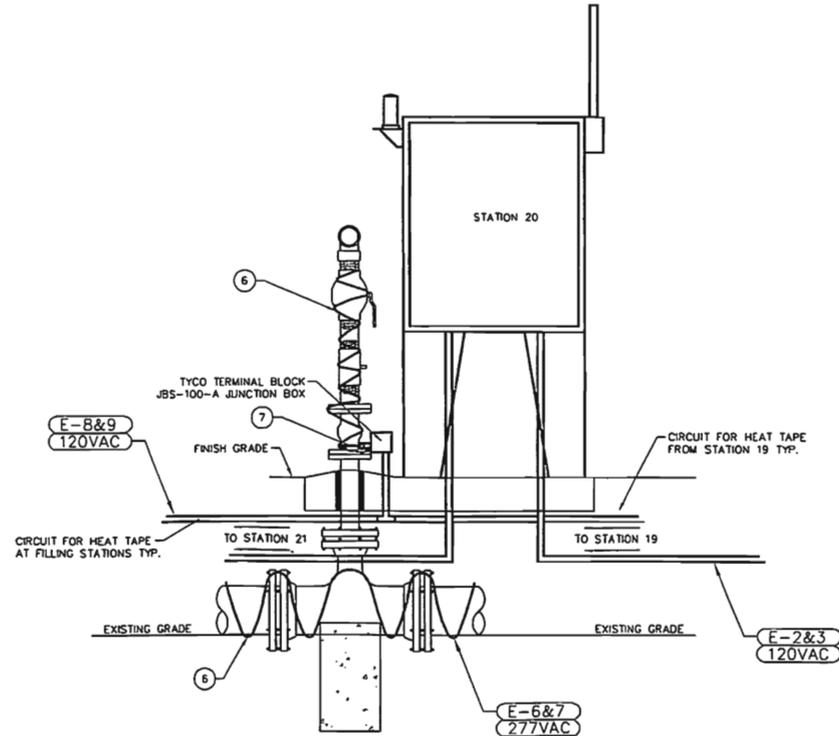
- NOTES:**
1. ENCLOSURES TO BE NEMA 3R.
 2. ARRANGEMENT IS GENERAL TO BE LAYED OUT BY ELECTRICIAN. SUBMIT PROPOSED LAYOUT AND DETAIL FOR ENGINEER'S REVIEW.



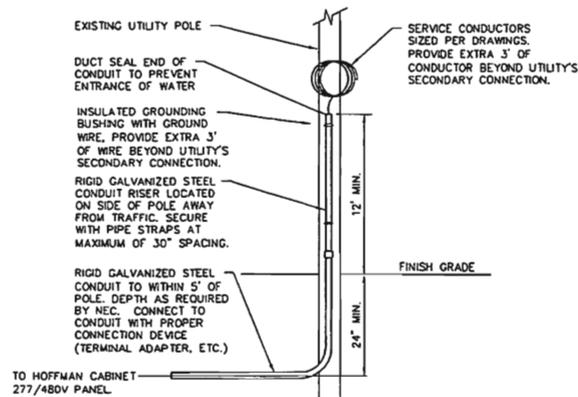
4 ELECTRICAL PANEL BOARD DETAIL
SCALE: N.T.S.



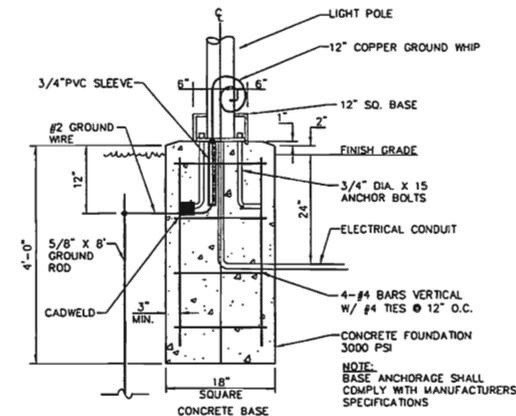
5 ELECTRICAL TRENCH SECTION
SCALE: 1" = 10"



3 LOADING STATION CONTROL PANEL MOUNTING DETAIL
SCALE: N.T.S.



2 UTILITY POLE WITH UNDERGROUND SERVICE DETAIL
SCALE: 1" = 10"



1 FLUSH LIGHTPOLE FOUNDATION DETAIL
SCALE: N.T.S.

DRAWN BY:	FMG
CHECKED BY:	RMD
DATE:	NOVEMBER 04, 2011
SCALE:	1"=30'
BY:	JPM
DESCR. OF REVISION:	REVISOR FOR CONSTRUCTION
DATE:	01/24/12
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ELECTRICAL DETAILS

PAINTED POST TRANSLOADING SITE FOR WELLSBORO-CORNING RAILROAD

VILLAGE OF PAINTED POST
NEW YORK

E3.2

PROJECT NO:
1889-010