



DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 1 TO PROJECT NO. 44604

**CONSTRUCTION WORK
EXCAVATE CONTAMIANATED SOIL
NYS POLICE TUPPER LAKE
1960 ROUTE 30
TUPPER LAKE, NY**

January 11, 2016

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

SPECIFICATIONS

1. Page 025419 – 1, Add PART 1 GENERAL: Add the Following Article:
“1.05 SUBMITTALS
 - A. Product Data – Provide product data sheets for all amendment materials.
 - B. Quality Control – Provide list of in-situ remediation project experience which indicates similar type of work scope as described herein.”
2. SECTION 013300 SUBMITTALS: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 013300-1 thru 013300-10) noted “REVISED 01/08/2016”.
3. SECTION 311000 SITE CLEARING: Delete this Section in its entirety.

DRAWINGS

4. Drawing Nos. G-001, C-001, C-101, C-102, C-103, C-104, C-105, C-106, C-107, C-301, C-501, C-502, C-601 and C-602: Change the “1962 Route 30” site address to read “1960 Route 30”.

5. Revised Drawings:
 - a. Drawing Nos. C-102 and C-103 noted "REVISED DRAWING 1/8/2016" accompany this Addendum and supersede the same numbered originally issued drawings.

APPENDIX

6. SCHEDULE OF SUBMITTALS: Discard the Document bound in the Project Manual and substitute the accompanying Document (pages 1 thru 7) noted "REVISED 01/08/2016".

END OF ADDENDUM

Margaret F. Larkin
Executive Director
Design and Construction

SECTION 013300

SUBMITTALS

PART 1 GENERAL

1.01 RELATED REQUIREMENTS SPECIFIED ELSEWHERE

- A. Other requirements pertaining to submittals are included in the General Conditions and in the various sections of the Specifications.
- B. Summary of the Work: Section 011000.
- C. Administrative Requirements: Section 013000.
- D. Contract Closeout Submittals: Section 017716.

1.02 DEFINITIONS

- A. Deviation: Changes in products, materials, equipment and methods of construction from those required by the Contract Documents and proposed by the Contractor.
- B. Acceptable Manufacturer, Company or Product: A manufacturer, company or product capable of achieving the requirements established in the Contract Documents and demonstrating compliance.
- C. Portable Document Format (PDF): An open standard file format used for representing documents in a device-independent and display resolution-independent fixed layout document format.

1.03 DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS

- A. Deviations from the requirements of the Contract Documents will not be allowed unless a request for deviation is made in writing prior to or at the time of submission and the specific deviation is approved by the Director's Representative subject to the requirements of Article 4 of the General Conditions. The request for deviation shall be made utilizing the CONTRACT DOCUMENT DEVIATION REQUEST FORM (Form BDC 49) accessible from the OGS Web Site.
 - 1. The submission of a deviation shall be done in a timely manner according to the schedule of submittals to allow the Director sufficient time for review.

1.04 "OR EQUAL" TO BRAND NAME PRODUCTS

- A. Whenever a product is specified by brand name, a comparable brand, equal to that named, may be submitted for approval subject to the requirements of Article 5 of the General Conditions.

1. The Contractor shall bear the burden of proving that the proposed product is equal to the specified product. The submission of an “or equal” shall be done in a timely manner to allow the Director sufficient time to review the proposed product.
2. Whenever a color or pattern is indicated by a specific manufacturer’s name or number, the intent is to communicate the required color or pattern of the material. Other manufacturers’ comparable colors or patterns may be submitted for approval as equal.

1.05 WAIVER OF CERTAIN SUBMITTAL REQUIREMENTS

- A. Unless otherwise specified, the requirement to submit product data and samples for approval will be waived for products specified by brand name if the specifically named products are furnished for the Work. In such cases, submit required Product Data to the Director’s Representative via Submittal Exchange® for information only.

1.06 ADMINISTRATIVE REQUIREMENTS

- A. Participate in the OGS’s hosted web-based collaboration service (Submittal Exchange® at www.submittalexchange.com) to transmit and track Contractor provided project related documents.
- B. Identify submittals by project title and number. Include Contractor’s name, date, and revision date. On shop drawings, product data and samples, also include the name of the supplier and subcontractor (if any), and applicable specification section number. Stamp each submittal and initial or sign the stamp to certify review and approval of submittal.
- C. Assemble submittals in accordance with the requirements in the individual sections of the Specifications and as required by this section. It is the Contractor's responsibility to review and verify that all information required for each submittal is included in the submittal package. Errors or omissions found by the Contractor are to be corrected prior to the submission of the submittal package for approval. Incomplete submittal packages that have been submitted for review and approval will be returned.
 1. It is the Contractor's responsibility to verify that portions of the submittal package to be provided by a subcontractor (or supplier) are complete, as well as portions of the submittal package being provided directly by the Contractor.
 2. Do not combine the submittals of more than one specification section with submittals required by other specification sections unless specifically stated in the contract Specifications.
- D. If a submittal is based on, or the result of, a change order or field order to the Contract Documents, include copies of the applicable change order or field order with the submittal.
- E. Coordination: Coordinate preparation and processing of submittals with performance of construction activities.

1. Coordinate each submittal with fabrication, purchasing, testing, delivery, other submittals, and related activities that require sequential activity.
 2. Submit all submittal items required for each specification section concurrently unless instructions for partial submittals are required in a specific specification section requiring sequential submissions.
 3. Submit action submittals and informational submittals required by the same specification section as separate packages under separate transmittals.
 4. Coordinate transmittals of different types of submittals for related parts of the Work so processing will not be delayed because of need to review submittals concurrently for coordination.
 - a. The Director's Representative reserves the right to withhold action on a submittal requiring coordination with other submittals until related submittals are received.
- F. Processing Time: Allow time for submittal review, including time for resubmittals, as follows. Time for review shall commence on uploading the submittal to Submittal Exchange®. No extension of the project schedule will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing, including resubmittals.
1. Initial Review: Allow time for the initial review of each submittal. Allow additional time if coordination with subsequent submittals is required. The Designer of Record will advise the Director's Representative when a submittal being processed must be delayed for coordination.
 2. Resubmittal Review: Allow time for review of each resubmittal.
 3. Sequential Review: Where sequential review of submittals by the project team is necessary for coordination, allow time for review.
- G. The Construction Contractor(s) shall employ or otherwise provide a full-time Submittal Coordinator for no less than 90 days after the Initial Job Meeting (IJM). The Submittal Coordinator is responsible to manage, coordinate and facilitate the submittal process on behalf of the Contractor. The Submittal Coordinator shall have regularly been engaged in construction administration for a minimum of 3 years and shall not be employed or otherwise engaged as the Project Manager or Superintendent for either the Work of this Contract or be employed in any role, full or part time, outside of this Contract.

1.07 SUBMITTALS

- A. Submittal Coordinator Qualifications: Not later than 10 days after Award. Include resume and references, and other certification, licenses, or other requested information.
- B. Schedule of Submittals acknowledgement: Provide written acknowledgement that the Schedule of Submittals has been received and reviewed with Critical Submittals identified and Contractor's Projected Dates (three dates inserted into each column) are entered for each specification item.

1.08 RE-EVALUATION FEE

- A. In accordance with Article 4.7 of the General Conditions, a re-evaluation processing fee will be levied against the Contractor for each re-evaluation of a Submittal or Submittal Package submission that was returned for failure to comply with the submittal requirements relative to completeness, content or format.

1.09 ELECTRONIC SUBMITTALS

- A. Submittal Exchange® is used to provide an on-line database and repository which shall be used to transmit and track project related documents. The intent for using this service is to expedite the construction process by reducing paperwork, improving information flow, and decreasing submittal review turnaround time.
 - 1. Project submittals (shop drawing, product data and quality assurance submittals) shall be transmitted by the Contractor in PDF to Submittal Exchange®, where it will be tracked and stored for retrieval for review. After the submittal is reviewed it is uploaded back to Submittal Exchange® for action or use by the Contractor and Director's Representatives.
 - 2. The service also tracks and stores documents related to the project such as RFI's (Request for Information), IB's (Information Bulletins), CAD Coordination, Minutes, Testing, Closeout, and SWPPP documents.
- B. For each submittal, the Contractor shall review and apply electronic stamp certifying that the submittal complies with the requirements of the Contract Documents, including verification of manufacturer/product, dimensions and coordination of information with other parts of the work.
- C. It is the Contractor's responsibility to provide submittals in PDF. The Contractor may use the following options:
 - 1. Subcontractors and suppliers provide electronic submittals in PDF to the Contractor through Submittal Exchange®.
 - 2. Subcontractors and suppliers provide paper submittals to the Contractor, who electronically scans and converts them to PDF.
 - 3. Contract a Scanning Service, which will allow the Contractor and the Contractor's subcontractors and suppliers to provide paper submittals to the Scanning Service, which electronically scans and converts them to PDF. It will be the Contractor's responsibility to transmit the scanned submittals to Submittal Exchange®.
- D. Image Quality:
 - 1. Image resolution: The PDF files shall be created at a minimum resolution of 200 dots per inch utilizing the original document size. The Contractor will be responsible to increase the resolution of the scanned file or images being submitted as required to adequately present the information.
 - 2. Image Color Rendition: When information represented requires color to convey the intent and compliance, provide full color PDF reproduction.

- E. Internet Service and Equipment Requirements:
1. The Contractor will be required to have an Email address and Internet access at Contractor's main office.
 2. Unless the Contractor will exclusively be using a Scanning Service to create PDF documents, the Contractor will be required to own a PDF reviewing, creating and editing software, such as Adobe Acrobat (www.adobe.com), Bluebeam PDF Revu® (www.bluebeam.com), or other similar PDF reviewing, creating and editing software for applying electronic stamps and comments.
- F. Training and Support:
1. Submittal web-based collaboration training and support shall be available, free of charge from Submittal Exchange®, for project participants using the submittals website.
 2. Training schedule will be coordinated through the Director's Representative.
- G. Paper prints (hardcopies) of reviewed submittals:
1. Record Copy: Each Contractor shall provide one paper copy of each submittal they are responsible for to the Director's Representative within 14 days of receipt of a released submittal (i.e. marked "Approved", "Approved As Noted", or other implied acceptance of a submittal), or meeting the requirements of Waiver Of Certain Submittal Requirements Article of this specification section.
 - a. Exception: Paper copies are not required for a submittal that is disapproved or requiring resubmission.
 - b. Paper copies shall be printed in a size format equal to the original document.
 - c. Scaled Shop Drawings shall be printed to the scale noted on the drawings.
 - d. The resolution of the printed copy shall be equal to that of the PDF file that it is being printed from.
 - e. The Record Copy shall be used by the Director's Representative during the construction of the project and shall be retained as a turn-over item to the facility at the end of the project as required under Section 017716 Contract Closeout.
 2. Use for Construction: Retain complete copies of submittals on project site. The Contractor shall not commence work for related activities until the appropriate submittals are approved and the corresponding record copies are delivered to the Director's Representative.
 3. Distribution: The Contractor will furnish copies of final submittals to manufacturers, subcontractors, suppliers, fabricators, installers, authorities having jurisdiction, and others as necessary for performance of construction activities. Maintain transmittal forms indicating distribution of submittals.

1.10 SHOP DRAWINGS

- A. Provide shop drawings in the format required by the Specifications. Show the information, dimensions, connections and other details necessary to insure that the shop drawings accurately interpret the Contract Documents. Show adjoining construction in such detail as required indicating proper connections. Where adjoining connected construction requires shop drawings or product data, submit such information for approval at the same time so that connections can be accurately checked.

- B. Electronic copies of CAD Drawings of the Contract Drawings will be provided by the Director's Representative for Contractor's use in preparing submittals.
 - 1. The Director's Representative will furnish one set of digital data drawing files of the Contract Drawings for use in preparing Shop Drawings.
 - a. The Director's Representative makes no representations as to the accuracy or completeness of digital data drawing files as they relate to the Contract Drawings.
 - b. Digital Drawing Software Program: The Contract Drawings are available in AutoCAD Version 2014.
 - c. The following digital data files will be furnished for each appropriate discipline:
 - 1) Site Plans
 - 2. The Contractor will be required to sign a Use Agreement for Project Documents prior to release of digital data drawing files of the Contract Drawings.

- C. Have shop drawings prepared by a qualified detailer. Shop drawings shall be neatly drawn and clearly legible. Machine duplicated copies of Contract Drawings will not be accepted as shop drawings.
 - 1. Where shop drawings are indicated to be drawn to scale:
 - a. Use scale normally found on an "Architect" or "Engineer" scale.
 - b. Written Scale: Clearly label scales being used on each drawing and/or on each detail on the drawing.
 - 1) Examples: 1/8" = 1'-0" 1" = 40'-0".
 - c. Graphic Scale: Adjacent to each Written Scale, provide a graphic scale delineating the scale being used. Graphic scale shall be divided into measuring units relating to the accuracy required for the drawing or details.
 - d. Clearly dimension key elements of the drawing or detail.
 - 2. When the drawing sheet is printed full size, the minimum text size shall be 1/8" (3.2 mm) for hand drafting and 3/32" (2.5 mm) for CADD drawings.

- D. Submit the shop drawings through Submittal Exchange®. The shop drawings will be reviewed and the review results will be posted on Submittal Exchange®. Contractor will receive email notice of completed review. If the review results in disposition of "DISAPPROVED" or "RETURNED FOR CORRECTION", promptly correct the deficiencies and resubmit the shop drawings meeting Contract requirements.

1.11 PRODUCT DATA

- A. Provide product data in the format required by the Specifications. Modify product data by deleting information that is not applicable to the project or by marking the product data to identify pertinent products. Supplement standard information, if necessary, to provide additional information applicable to project.
- B. Submit the product data through Submittal Exchange®. The product data will be reviewed and the review results will be posted on Submittal Exchange®. Contractor will receive email notice of completed review. If the review results in disposition of “DISAPPROVED” or “RETURNED FOR CORRECTION”, promptly correct the deficiencies and resubmit the product data meeting Contract requirements.
- C. Comply with applicable federal and State of New York Right-to-Know Law provisions. Provide Safety Data Sheets (SDS) documents for products that have SDS data prior to use on the project site.
 - 1. Upload and maintain electronic SDS documents on the Submittal Exchange® SDS tab.
 - 2. SDS tab is organized by prime contracts. To be readily identified, name products with SDS by specification section number and product name.
 - 3. Supply and maintain one hard copy of the appropriate SDS on the project site and one hard copy with the Facility’s Right-to-Know Information Officer.

1.12 QUALITY ASSURANCE

- A. Provide quality assurance information in the format required by the Specifications, including supporting documentation as required.
- B. Submit the quality assurance information through Submittal Exchange®. The quality assurance information will be reviewed and the review results will be posted on Submittal Exchange®. Contractor will receive email notice of completed review. If the review results in disposition of “DISAPPROVED” or “RETURNED FOR CORRECTION”, promptly correct the deficiencies and resubmit the quality assurance information meeting Contract requirements.

1.13 SAMPLES

- A. Submit 2 (unless a different number is specified) of each sample required by the Specifications.
- B. Samples will become the property of the State when submitted and will not be incorporated in the Work unless specifically stated otherwise.
- C. The electronic submittal process is not intended for color samples, color charts, or physical material samples.
- D. Record transmittal of each sample required by the Specifications through Submittal Exchange®.

- E. Consult with the Director's Representative for direction on where Samples will be sent for review.
- F. The sample will be reviewed and the review results will be posted on Submittal Exchange®. Contractor will receive email notice of completed review.

1.14 REVIEW OF SUBMITTALS

- A. Items submitted for review will be reviewed for compliance with the Contract Documents, based upon the information submitted. The items will be acted upon with the following dispositions:
 - 1. **Approved:**
Where the submittal is marked "Approved", the work covered by the submittal may proceed provided it complies with the Contract Documents. Final acceptance will depend on that compliance.
 - 2. **Approved as Noted:**
Where the submittal is marked "Approved as Noted", the work covered by the submittal may proceed provided it complies with the review comments noted on the submittal and the Contract Documents. Final acceptance will depend on that compliance.
 - 3. **Disapproved:**
Where the submittal is marked "Disapproved", do not proceed with the work covered by the submittal, including purchasing, fabrication, delivery or other activity for the item submitted. Prepare a new submittal according to the review comments noted on the submittal and meeting the Contract Documents.
 - 4. **Returned for Correction:**
Where the submittal is marked "Returned for Correction", do not proceed with the work covered by the submittal, including purchasing, fabrication, delivery or other activity for the item submitted. Revise or prepare a new submittal according to the review comments noted on the submittal and meeting the Contract Documents.
 - 5. **Acknowledged:**
Where the submittal is marked "Acknowledged", receipt of the submittal is acknowledged and has been recorded.
 - 6. **No Action:**
Where the submittal is marked "No Action" or "No Action Taken", no review was made of this item, see comments noted on submittal and take appropriate action.
 - 7. **Multi-Action:**
Where the submittal is marked "Multi-Action", separate dispositions were made for the items submitted, see the review comments for the disposition of each item submitted.

1.15 SCHEDULES AND RECORDS

- A. Submit the following Schedules and Records information not later than 15 days after approval of the Contract unless the Contractor or the Director determines an earlier submission is required to properly schedule or progress the Work.
 - 1. SCHEDULE OF SUBMITTALS (S.O.S.):
 - a. Follow the Instructions to the Contractor in the S.O.S (cover page of the Microsoft Excel form supplied by the State).
 - b. Confirm submittal items listed and indicate in the spaces following each item, the date the item will be submitted (Projected Transmittal Date).
 - c. Confirm critical submittals and long lead items identified by the Architect / Engineer. Identify and mark with “X” additional submittals deemed as critical or having long lead times. In addition to the date each item will be submitted, include the date approval is required (allow at least 3 weeks), and the date delivery of the material or equipment is necessary for timely completion of the Work in accordance with the Project Schedule.
 - d. Notify the Director’s Representative of modifications and/or additional submittals necessary for the project prior to requesting revisions with Submittal Exchange®.
 - 2. SUBMITTALS WEBSITE LOG:
 - a. The submittal website log will be populated by Submittal Exchange® by means of the S.O.S.
 - b. Review the log and verify that all long lead items and critical submittals are properly indicated according to the latest version of the S.O.S. For each item to be submitted indicate the following:
 - i. In the “Date Expected” column insert the date the item will be submitted for review and approval (this is the same date as the S.O.S “Projected Transmittal Date”).
 - ii. In the “Date Requested on Site” column insert the date the item will be delivered to the project site (this is the same date as the S.O.S “Projected Delivery Date”).
 - c. The submission date that is entered shall provide sufficient time for the item to be reviewed, ordered, delivered and installed for timely completion of the Work in accordance with the Project Schedule. The date entered for submittal of each item is the last day a deviation will be considered.

1.16 TRANSMITTALS

- A. Submittal Transmittal (Form BDC 42) accessible from the OGS Web Site:
 - 1. Furnish separate Form BDC 42 for each submitted item sent to Submittal Exchange® for review.
 - a. Contractor may utilize their own Transmittal Form (or Transmittal Letter) in lieu of utilizing the Form BDC 42, contingent on the Contractor’s Transmittal Form includes all information and certifications required by Form BDC 42.
 - 2. Clearly identify applicable specification section number of submitted item (product data, shop drawing, etc.) on the Form BDC 42.

- B. All Contracts:
 - 1. Transmit items designated in the Schedule of Submittals (and project Specifications) to the Submittal Exchange®.

PART 2 PRODUCTS (Not Used)

PART 3 EXECUTION (Not Used)

END OF SECTION

CONSULTANT



CB&I E&I Engineering of New York, P.C.
13 British American Boulevard
Latham, New York 12110-1405

LEGEND:

- ESTIMATED LIMITS OF GROUNDWATER IMPACTS
- - - ESTIMATED LIMITS OF SOIL IMPACTS
- x-x- TEMPORARY FENCE

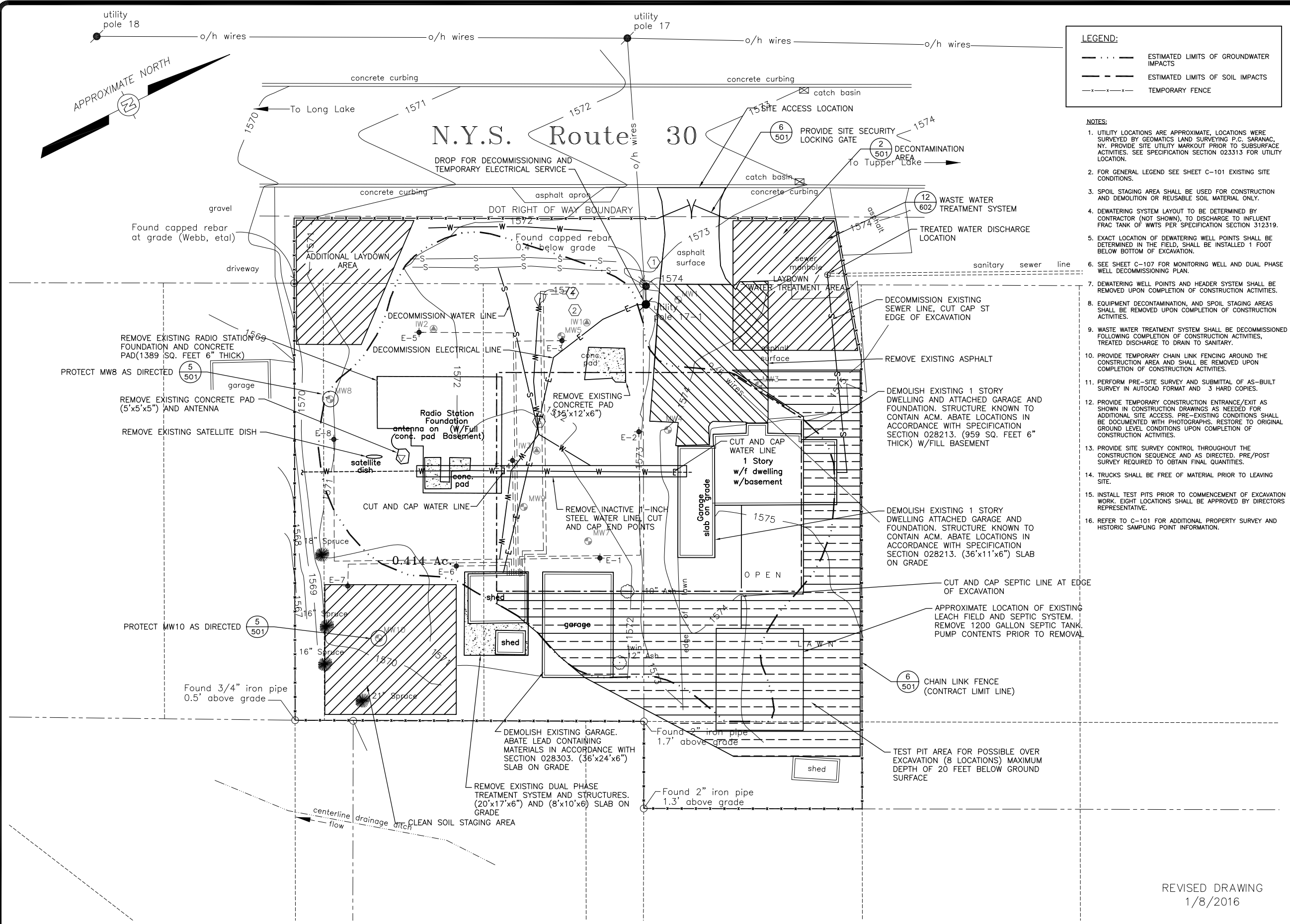
- NOTES:**
- UTILITY LOCATIONS ARE APPROXIMATE, LOCATIONS WERE SURVEYED BY GEOMATICS LAND SURVEYING P.C. SARANAC, NY. PROVIDE SITE UTILITY MARKOUT PRIOR TO SUBSURFACE ACTIVITIES. SEE SPECIFICATION SECTION 023313 FOR UTILITY LOCATION.
 - FOR GENERAL LEGEND SEE SHEET C-101 EXISTING SITE CONDITIONS.
 - SPOIL STAGING AREA SHALL BE USED FOR CONSTRUCTION AND DEMOLITION OR REUSABLE SOIL MATERIAL ONLY.
 - DEWATERING SYSTEM LAYOUT TO BE DETERMINED BY CONTRACTOR (NOT SHOWN), TO DISCHARGE TO INFLUENT FRAC TANK OF WWTs PER SPECIFICATION SECTION 312319.
 - EXACT LOCATION OF DEWATERING WELL POINTS SHALL BE DETERMINED IN THE FIELD, SHALL BE INSTALLED 1 FOOT BELOW BOTTOM OF EXCAVATION.
 - SEE SHEET C-107 FOR MONITORING WELL AND DUAL PHASE WELL DECOMMISSIONING PLAN.
 - DEWATERING WELL POINTS AND HEADER SYSTEM SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
 - EQUIPMENT DECONTAMINATION, AND SPOIL STAGING AREAS SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
 - WASTE WATER TREATMENT SYSTEM SHALL BE DECOMMISSIONED FOLLOWING COMPLETION OF CONSTRUCTION ACTIVITIES, TREATED DISCHARGE TO DRAIN TO SANITARY.
 - PROVIDE TEMPORARY CHAIN LINK FENCING AROUND THE CONSTRUCTION AREA AND SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
 - PERFORM PRE-SITE SURVEY AND SUBMITTAL OF AS-BUILT SURVEY IN AUTOCAD FORMAT AND 3 HARD COPIES.
 - PROVIDE TEMPORARY CONSTRUCTION ENTRANCE/EXIT AS SHOWN IN CONSTRUCTION DRAWINGS AS NEEDED FOR ADDITIONAL SITE ACCESS. PRE-EXISTING CONDITIONS SHALL BE DOCUMENTED WITH PHOTOGRAPHS. RESTORE TO ORIGINAL GROUND LEVEL CONDITIONS UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
 - PROVIDE SITE SURVEY CONTROL THROUGHOUT THE CONSTRUCTION SEQUENCE AND AS DIRECTED, PRE/POST SURVEY REQUIRED TO OBTAIN FINAL QUANTITIES.
 - TRUCKS SHALL BE FREE OF MATERIAL PRIOR TO LEAVING SITE.
 - INSTALL TEST PITS PRIOR TO COMMENCEMENT OF EXCAVATION WORK. EIGHT LOCATIONS SHALL BE APPROVED BY DIRECTORS REPRESENTATIVE.
 - REFER TO C-101 FOR ADDITIONAL PROPERTY SURVEY AND HISTORIC SAMPLING POINT INFORMATION.

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.



CONTRACT: CONSTRUCTION
TITLE: EXCAVATE CONTAMINATED SOIL
LOCATION: FORMER NYS POLICE TUPPER LAKE 1962 ROUTE 30 TUPPER LAKE, NEW YORK
CLIENT: NEW YORK STATE POLICE

MARK	DATE	DESCRIPTION
	1/8/16	REVISED DRAWING
	10/2/15	FINAL SUBMISSION
	1/16/15	100% SUBMISSION
PROJECT NUMBER: 44604 - C		
DESIGNED BY: MJS		
DRAWN BY: GSJ		
FIELD CHECK: BN		
APPROVED: MJS		
SHEET TITLE: CONSTRUCTION LAYOUT AND SITE WORK PLAN		
DRAWING NUMBER: C-102		
SHEET 4 OF 14		



REFERENCE:
TOPOGRAPHIC MAP PREPARED BY GEOMATICS LAND SURVEYING, P.C. P.O. BOX 1277, SARANAC LAKE, NY, TITLED: BEING PART OF LOTS 2, 3 & 4, A, STEPINOCK VILLAGE ALLOTMENT, BLOCK 4E, VILLAGE OF TUPPER LAKE, FRANKLIN COUNTY, NEW YORK. SURVEY DATED: JULY 31, 2013, MAP NUMBER: 13029.

Jan 11, 2016 - 11:08am
 L:\05\057178\Contract\PROJECT FILES\05P\Tupper Lake\REMEDIAL DESIGN\FINAL DESIGN SUBMITTAL\FIGURES\NOVEMBER 30 - 2015_FINAL DRAWING-1 02.dwg
 36x24 PLOT SHEET

CONSULTANT



CB&I E&I Engineering of New York, P.C.
13 British American Boulevard
Latham, New York 12110-1405

LEGEND:

- ESTIMATED LIMITS OF GROUNDWATER IMPACTS
- - - ESTIMATED LIMITS OF SOIL IMPACTS
- SILT FENCE

- NOTES:**
- UTILITY LOCATIONS ARE APPROXIMATE.
 - PROVIDE UTILITY MARKOUT PRIOR TO SUBSURFACE CONSTRUCTION ACTIVITIES, SEE SPECIFICATION SECTION 023313 UNDER GROUND UTILITY LOCATOR SERVICE.
 - SURVEY OF TOPOGRAPHY AND SITE BOUNDARY PROVIDED BY GEOMATICS LAND SURVEYING P.C., PLACE SILT FENCE BALES WHERE SHOWN OR AS DIRECTED.
 - PROVIDE MEANS FOR DUST CONTROL AS NEEDED OR AS DIRECTED.
 - FOR GENERAL LEGEND SEE SHEET C-101 EXISTING SITE CONDITIONS.
 - EROSION AND SEDIMENT CONTROLS SHALL CONFORM TO AUGUST 2005 STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

GENERAL PROCEDURES
PRIOR TO THE START OF THE EARTHWORK INSTALL THE TEMPORARY EROSION AND SEDIMENT CONTROLS WHERE APPROPRIATE.

INSTALL SILT FENCES, AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN ADDITIONAL PLACES AS DIRECTED, TO CONTAIN SEDIMENT UNTIL PERMANENT CONTROLS CAN BE INSTALLED.

SITE RESTORATION
LEAVE TEMPORARY EROSION AND SEDIMENT CONTROLS IN PLACE AND MAINTAIN UNTIL ALL THE UNPAVED WORK AREAS HAVE BEEN STABILIZED WITH GRASS, IN THOSE SPECIFIED AREAS.

- PHASING EROSION AND SEDIMENT CONTROL**
- PROTECT THE EXISTING CB ADJACENT TO THE ON-RAMP WITH A TEMPORARY SEDIMENT TRAP UNTIL THE AREA AROUND IT IS PERMANENTLY STABILIZED. INSTALL SILT FENCE AS NEEDED AND AS CONSTRUCTION PROGRESSES.
 - INSTALL SILT FENCE.
 - STOCKPILE AND STABILIZE EXCAVATED TOPSOIL/SOIL.
 - UPON FINAL STABILIZATION AT THE COMPLETION OF THE WORK REMOVE ALL REMAINING TEMPORARY MEASURES AND INSPECT PERMANENT EROSION AND SEDIMENT CONTROLS. REPLACE ANY AND ALL FAILING OR UNSATISFACTORY PERMANENT MEASURES.

EROSION AND SEDIMENT CONTROL PRACTICES

TEMPORARY SEDIMENT CONTROL - SILT FENCE
INSTALL SILT FENCES TO CONTAIN SEDIMENT AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN AND WHEREVER SEDIMENT MAY BE TRANSPORTED TO STABILIZED SURFACES. PLACE SILT FENCES AROUND SOIL STOCKPILES AND ALONG, NOT ACROSS, THE CONTOURS OF THE SLOPES.

DUST CONTROL
TEMPORARY AND PERMANENT STABILIZATION MEASURES, SUCH AS SEEDING AND MULCHING, WILL PREVENT DUST FROM BLOWING OFF-SITE. INSTALL THESE MEASURES ON TOPSOIL STOCKPILES AND ON SLOPES AS SOON AS THE FINISHED GRADES ARE REACHED OR WHENEVER GRADING OPERATIONS ARE INTERRUPTED FOR 14 OR MORE CALENDAR DAYS.

TEMPORARY SEEDING
TEMPORARY SEEDING MAY BE NEEDED TO PROVIDE PROTECTIVE COVER DURING A TEMPORARY SHUTDOWN OF CONSTRUCTION, SUCH AS A WINTER WORK SHUTDOWN, WHILE WAITING FOR OPTIMAL PLANTING TIME.

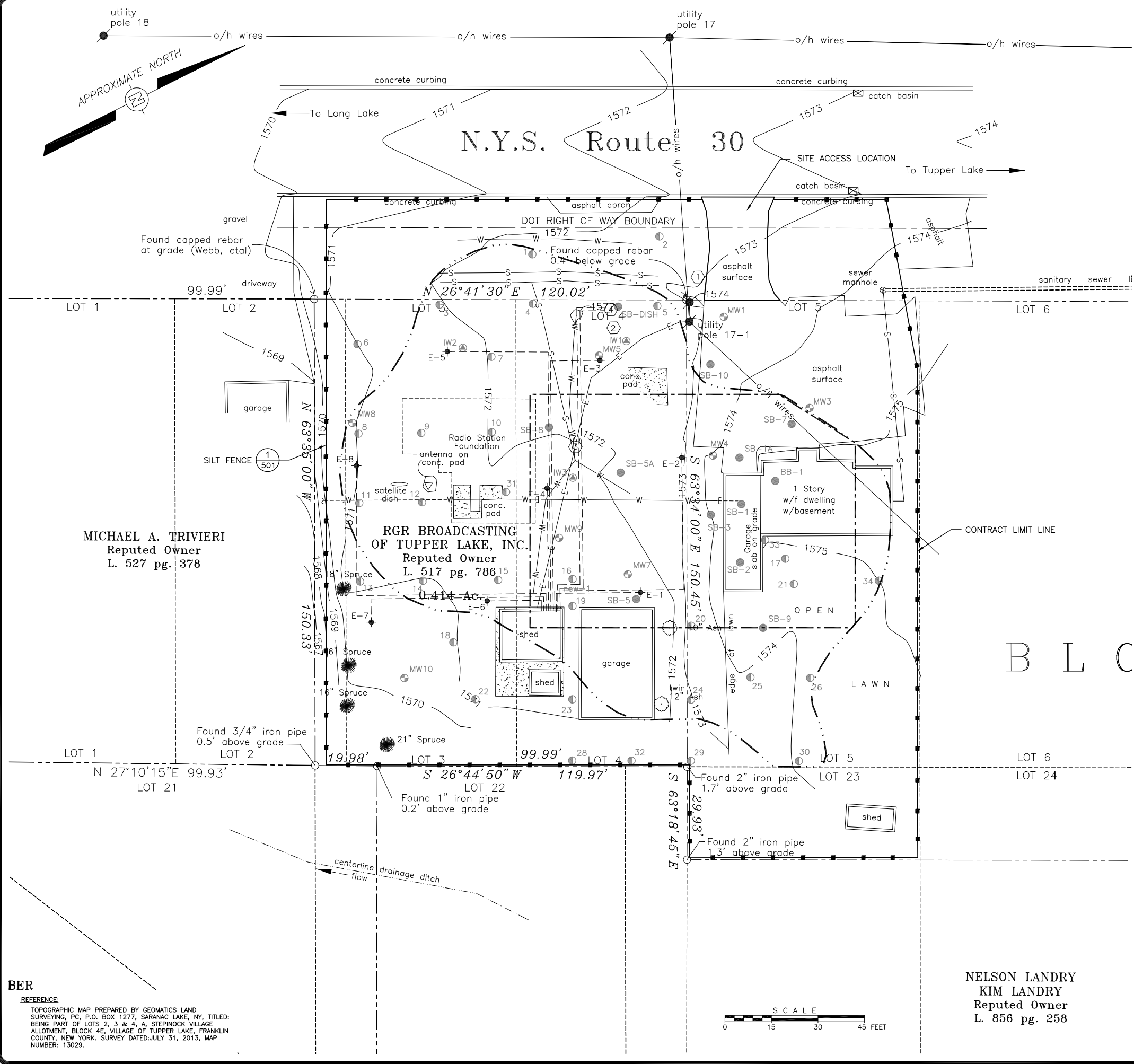
PERMANENT SEEDING
IN ALL AREAS DISTURBED BY THE WORK OF THIS CONTRACT, AND NOT COVERED WITH IMPERVIOUS SURFACES, APPLY GRASS MIX FOR PERMANENT SEEDING.

POLLUTION PREVENTION MEASURES
TAKE THE FOLLOWING STEPS TO PREVENT LITTER, CHEMICALS AND DEBRIS FROM ENTERING STORM DRAINS AND DISCHARGES:

- PROPERLY CONTAIN AND DISPOSE OF ALL MATERIALS USED ON SITE.
- CLEAN UP SPILLS IMMEDIATELY TO MINIMIZE SAFETY HAZARD AND PREVENT SPREADING.
- CONTROL LITTER BY SWEEPING AND PICKING IT UP REGULARLY.
- DO NOT STORE FUEL OR WASTE ON-SITE.
- IF PRACTICAL, USE ALTERNATIVE CLEANING METHODS, SUCH AS WIPING DOWN OF VEHICLES AND EQUIPMENT INSTEAD OF HOSING.
- REMOVE ALL EXCAVATED UNSUITABLE MATERIAL FROM THE PROJECT SITE AS SOON AS PRACTICABLE.
- PRACTICE GOOD HOUSEKEEPING AND EDUCATE EMPLOYEES ON POLLUTION PREVENTION MEASURES.

ON-SITE MATERIAL STORAGE
THE FOLLOWING MATERIALS MAY BE STORED ON-SITE DURING PROJECT CONSTRUCTION. THE LIST MAY NOT BE INCLUSIVE AND WILL VARY DURING THE DIFFERENT STAGES OF PROJECT COMPLETION.

- PIPING AND APPURTENANCES - PIPE, VALVES.
- EROSION AND SEDIMENT CONTROL MATERIALS- SILT FENCE, SEED.
- STOCKPILED SOILS- TOPSOIL, SUBBASE, PIPE BEDDING MATERIAL.
- TEMPORARY FENCING CHAIN LINK FENCING MATERIALS.
- EQUIPMENT NECESSARY FOR DOING THE WORK.



GENERAL PROCEDURES
PRIOR TO THE START OF THE EARTHWORK INSTALL THE TEMPORARY EROSION AND SEDIMENT CONTROLS WHERE APPROPRIATE.

INSTALL SILT FENCES, AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN ADDITIONAL PLACES AS DIRECTED, TO CONTAIN SEDIMENT UNTIL PERMANENT CONTROLS CAN BE INSTALLED.

SITE RESTORATION
LEAVE TEMPORARY EROSION AND SEDIMENT CONTROLS IN PLACE AND MAINTAIN UNTIL ALL THE UNPAVED WORK AREAS HAVE BEEN STABILIZED WITH GRASS, IN THOSE SPECIFIED AREAS.

- PHASING EROSION AND SEDIMENT CONTROL**
- PROTECT THE EXISTING CB ADJACENT TO THE ON-RAMP WITH A TEMPORARY SEDIMENT TRAP UNTIL THE AREA AROUND IT IS PERMANENTLY STABILIZED. INSTALL SILT FENCE AS NEEDED AND AS CONSTRUCTION PROGRESSES.
 - INSTALL SILT FENCE.
 - STOCKPILE AND STABILIZE EXCAVATED TOPSOIL/SOIL.
 - UPON FINAL STABILIZATION AT THE COMPLETION OF THE WORK REMOVE ALL REMAINING TEMPORARY MEASURES AND INSPECT PERMANENT EROSION AND SEDIMENT CONTROLS. REPLACE ANY AND ALL FAILING OR UNSATISFACTORY PERMANENT MEASURES.

EROSION AND SEDIMENT CONTROL PRACTICES

TEMPORARY SEDIMENT CONTROL - SILT FENCE
INSTALL SILT FENCES TO CONTAIN SEDIMENT AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN AND WHEREVER SEDIMENT MAY BE TRANSPORTED TO STABILIZED SURFACES. PLACE SILT FENCES AROUND SOIL STOCKPILES AND ALONG, NOT ACROSS, THE CONTOURS OF THE SLOPES.

DUST CONTROL
TEMPORARY AND PERMANENT STABILIZATION MEASURES, SUCH AS SEEDING AND MULCHING, WILL PREVENT DUST FROM BLOWING OFF-SITE. INSTALL THESE MEASURES ON TOPSOIL STOCKPILES AND ON SLOPES AS SOON AS THE FINISHED GRADES ARE REACHED OR WHENEVER GRADING OPERATIONS ARE INTERRUPTED FOR 14 OR MORE CALENDAR DAYS.

TEMPORARY SEEDING
TEMPORARY SEEDING MAY BE NEEDED TO PROVIDE PROTECTIVE COVER DURING A TEMPORARY SHUTDOWN OF CONSTRUCTION, SUCH AS A WINTER WORK SHUTDOWN, WHILE WAITING FOR OPTIMAL PLANTING TIME.

PERMANENT SEEDING
IN ALL AREAS DISTURBED BY THE WORK OF THIS CONTRACT, AND NOT COVERED WITH IMPERVIOUS SURFACES, APPLY GRASS MIX FOR PERMANENT SEEDING.

POLLUTION PREVENTION MEASURES
TAKE THE FOLLOWING STEPS TO PREVENT LITTER, CHEMICALS AND DEBRIS FROM ENTERING STORM DRAINS AND DISCHARGES:

- PROPERLY CONTAIN AND DISPOSE OF ALL MATERIALS USED ON SITE.
- CLEAN UP SPILLS IMMEDIATELY TO MINIMIZE SAFETY HAZARD AND PREVENT SPREADING.
- CONTROL LITTER BY SWEEPING AND PICKING IT UP REGULARLY.
- DO NOT STORE FUEL OR WASTE ON-SITE.
- IF PRACTICAL, USE ALTERNATIVE CLEANING METHODS, SUCH AS WIPING DOWN OF VEHICLES AND EQUIPMENT INSTEAD OF HOSING.
- REMOVE ALL EXCAVATED UNSUITABLE MATERIAL FROM THE PROJECT SITE AS SOON AS PRACTICABLE.
- PRACTICE GOOD HOUSEKEEPING AND EDUCATE EMPLOYEES ON POLLUTION PREVENTION MEASURES.

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- EROSION AND SEDIMENT CONTROL MATERIALS- SILT FENCE, SEED.
- STOCKPILED SOILS- TOPSOIL, SUBBASE, PIPE BEDDING MATERIAL.
- TEMPORARY FENCING CHAIN LINK FENCING MATERIALS.
- EQUIPMENT NECESSARY FOR DOING THE WORK.

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.



CONTRACT: CONSTRUCTION
TITLE: EXCAVATE CONTAMINATED SOIL
LOCATION: FORMER NYS POLICE TUPPER LAKE 1962 ROUTE 30 TUPPER LAKE, NEW YORK
CLIENT: NEW YORK STATE POLICE

MARK	DATE	DESCRIPTION
	1/8/16	REVISED DRAWING
	10/2/15	FINAL SUBMISSION
	1/16/15	100% SUBMISSION
PROJECT NUMBER:	44604 - C	
DESIGNED BY:	MJS	
DRAWN BY:	GSJ	
FIELD CHECK:	BN	
APPROVED:	MJS	
SHEET TITLE:		
EROSION AND SEDIMENTATION CONTROL PLAN		
DRAWING NUMBER: C-103		
SHEET 5 OF 14		

BER
REFERENCE:
TOPOGRAPHIC MAP PREPARED BY GEOMATICS LAND SURVEYING, P.C., P.O. BOX 1277, SARANAC LAKE, NY, TITLED: BEING PART OF LOTS 2, 3 & 4, A, STEPINOCK VILLAGE ALLOTMENT, BLOCK 4E, VILLAGE OF TUPPER LAKE, FRANKLIN COUNTY, NEW YORK. SURVEY DATED: JULY 31, 2013, MAP NUMBER: 13029.



NELSON LANDRY
KIM LANDRY
Reputed Owner
L. 856 pg. 258

REVISED DRAWING
1/8/2016

Jan 11, 2016 - 11:50am
 L:\05\057178 Contract\PROJECT FILES\05P Tupper Lake\REMEDIAL DESIGN\FINAL DESIGN SUBMITTAL\FIGURES\NOVEMBER 30 - 2015_FINAL_DRAWING-1 03.dwg
 36x24 PLOT SHEET



SCHEDULE OF SUBMITTALS

PROJECT NO.: 44604-C

SUBMITTALS FOR APPROVAL				Send to:	Contractor's Projected Dates Allow at least 3 weeks for Approval			ACTION TAKEN							
Spec Section	Sub Section	Type	Description	F/O	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:	1st Submittal	1st Rejection	Revised Submittal	Revised Rejection	Final Submittal	Final Rejection	Approved As Noted	Approved
				O											
007213			GENERAL CONDITIONS												
007213		PD	ARTICLE 6: Designate in writing competent supervision and/or management representatives as required - include contact number in case of an emergency after work hours, including weekends and holidays (see 011000 Summary of Work)												
007213		PD	ARTICLE 8: Permits and licenses												
007213		PD	ARTICLE 19: Certificate of Insurance (ACORD)												
011000			SUMMARY OF THE WORK												
011000		PD	Supply copies of the appropriate Material Safety Data Sheets (MSDS) to the Director's Representative - 2 sets												
011000		PD	Notify the Directors Representative regarding individual inspections listed in the if utilizing the STATEMENT OF SPECIAL INSPECTIONS.												
013300			SUBMITTALS												
013300		PD	Schedule of Submittals (This form)												
017123			FIELD ENGINEERING												
017123		PD	Submit the name, address, telephone number, and registration number of the Land Surveyor before starting the survey work												
017123		PD	On request, submit documentation verifying accuracy of survey work												
017123		CCS	signed and sealed by the Land Surveyor, stating that												
017123		CCS	Record location data for control points in sketch form and turn over 6 copies of sketches and computations to the Director's Representative												
017123		CCS	Submit Record Documents												

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				O												DC
017419 CONSTRUCTION WASTE MANAGEMENT																
017419		LEED	Construction Waste Management Plan													
017419		PD	In conjunction with payment applications, contractors shall submit a monthly Waste Management submission. This submission shall include waste receipts for the payment period and a completed Waste Management Form for the same payment period.													
017419		PD	Calculations and supporting documentation to demonstrate end-of-project recycling rates meeting the requirements of the Construction Waste Management Plan.													
017716 CONTRACT CLOSEOUT																
017716		CCS	Project Record Documents													
017716		CCS	Operation and maintenance, 2 copies													
017716		CCS	Warranties													
017716		CCS	Spare Parts and Maintenance Materials													
023000 SUBSURFACE INVESTIGATION																
023000		QCS	Submit list of well installation projects													
023000		QCS	Submit manufacturer's certificates for pipe, fittings, and joint materials prior to shipment to the site.													
023000		QCS	Submit gradation curves of backfill materials prior to delivery to the site.													
023313 UNDERGROUND UTILITY LOCATOR SERVICE																
023313		PD	Submit detailed experience and qualifications description of underground utility locator service													
024116 STRUCTURE DEMOLITION																
024116		QCS	Permits													
024116		QCS	Demolition Plan													
025100 PHYSICAL DECONTAMINATION																
025100		QCS	Submit Contract Drawings showing details of decontamination pads and appurtenances.													

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				O											
				DC											
025100		QCS	Submit method statements for containerization, removal and disposal of liquids, debris, PPE and miscellaneous items.												
025100		QCS	Submit details of decontamination pad enclosure.												
025100		QCS	Certificates of inspection and decontamination.												
028003			DISPOSAL OF NON-HAZARDOUS INDUSTRIAL-COMMERCIAL WASTE												
028003		QCS	Detailed list of the codes, rules and regulations which are understood to govern the Work.												
028003		QCS	Listing of licenses or permits issued by government agencies authorizing the handling of the waste by the qualified Company, transporter, and operator of the disposal facility												
028003		QCS	Detailed step by step procedure indicating how the Work is to be accomplished												
028003		QCS	Qualified Company Data												
028213			ASBESTOS ABATEMENT												
028213		PD	Asbestos Site Specific Variance Submittals; if a site specific variance is sought submit the following: One copy of the completed DOSH-751 and DOSH-465 forms												
028213		PD	Asbestos Site Specific Variance Submittals; if a site specific variance is sought submit the following: One copy of the New York State Department of Labor site specific variance decision.												
028213		QCS	Notification Compliance Data												
028213		QCS	Asbestos Removal Company Data												
028213		QCS	Asbestos Worker Certification Data												
028213		QCS	Work Plan												
028213		QCS	Waste Transporter Permit												
028213		QCS	Landfill												
028213		QCS	Negative Air Pressure Equipment												
028213		CCS	Waste Shipment Records and Disposal Site Receipts												
028213		CCS	Daily Log												

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				O											
028213		CCS	Air Monitoring Data												
028303			ABATEMENT OF LEAD CONTAINING MATERIALS												
028303		PD	Chemical Paint Removal Products												
028303		PD	Mechanical Paint Removal												
028303		PD	Respirators												
028303		PD	Vacuum Cleaners												
028303		PD	Plastic Sheets												
028303		PD	Disposal Bags or Disposal Drums												
028303		PD	Equipment												
028303		PD	Landfill Destination Facility Information												
028303		QCS	Worker's Qualifications Data												
028303		QCS	Work Plan												
028303		QCS	Waste Transporter Permit												
028303		PD	Operation and Maintenance Data: Submit air filtration unit operation and maintenance data and manufacturer's catalog sheets for the HEPA filter												
028303		CCS	Disposal Site Receipts												
034100			STRUCTURAL PRECAST CONCRETE												
034100		SD	Submit fully dimensioned fabrication and erection drawings												
034100		SD	Design Calculations												
034100		SD	Revised copies shall be submitted for formal approval and record.												
034100		LEED	MR Credit 4.1 and MR Credit 4.1												
034100		LEED	MR Credit 5.1 and MR Credit 5.2												
220523			VALVES												
220523		PD	Valve Schedule												
220523		PD	Valve product data sheets												
221100			PLUMBING PIPING												
221100		PD	PVC Pipe and fittings												
221100		PD	Flex Pipe and Fittings												

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				O											
221123 PUMPS															
221123		PD	Pump schedule												
221123		PD	Pumps - General												
221123		QCS	Performance curves for each pump												
221123		CCS	Operation, Maintenance Data, Parts Lists - 2 copies												
221123		CCS	Spare Parts: Deliver one spare set of mechanical seals for each size and type of pump equipped with mechanical seals												
260501 BASIC ELECTRICAL MATERIALS AND METHODS															
260251		PD	Electrical Materials												
260526 SERVICE GROUNDING AND BONDING															
260526		PD	Hardware used for electrical system install												
310000 EARTHWORK															
310000		SD	Sheeting, Shoring, and Bracing (Shown on the Drawings): Submit shop drawings for sheeting, shoring, and bracing shown on the Drawings. Shop drawings will be signed by a New York State licensed Professional Engineer												
310000		PD	Permanent Sheeting, Shoring, and Bracing: Specifications for materials and accessories												
310000		PD	Filter Fabric: Manufacturer's catalog sheets, specifications, and installation instructions												
310000		PD	Select Granular Material												
310000		PD	Subbase Course Type 2												
310000		PD	Selected Fill												
310000		PD	Suitable Material (Fill and Backfill for Landscaped Areas)												
310000		PD	Cushion Material												
310000		PD	Item B-12												
310000		PD	Rip Rap												
310000		PD	Pea Gravel												
310000		PD	Filter Fabric (GeoTextile)												
310000		PD	Steel Sheetpiling												

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				O											
				DC											
310000		SAM	Select Granular Material												
310000		SAM	Subbase Course Type 2												
310000		SAM	Selected Fill												
310000		SAM	Cushion Material												
310000		SAM	Item B-12												
310000		SAM	Crushed Stone												
310000		SAM	Underdrain Filter Material												
310000		SAM	Pea Gravel												
310000		SAM	Subbase Course Type 2												
310000		SAM	Cushion Material												
310000		QCS	Subbase Materials												
310000		QCS	Other Aggregates												
310000		QCS	Excavation Procedure												
310000		QCS	Sheeting, Shoring, and Bracing (Not shown on the Drawings)												
310000		QCS	Excavation Procedure												
312316			ROCK REMOVAL												
312316		PD	Rock Removal Procedure												
312316		QCS	Certificates: Competency affidavit required under Quality Assurance Article.												
312316		QCS	Blasters Qualifications Data												
312319			DEWATERING												
312319		SD	Submit drawings and diagrams, with all pertinent data, showing the dewatering system proposed for use. Indicate the spacing and location of wellpoints and reading wells, and location of header lines, pumps, valves and discharge lines.												
321216			ASPHALT CONCRETE PAVING												
321216		PD	Top Course												
321217		PD	Binder Course												
321218		PD	Base Course												
321219		PD	Asphalt Cement Tack Coat												
321220		PD	Paving Fabric												

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				O											
				DC											
321221		QCS	Plant name and location of asphalt concrete supplier												
460700			PACKAGED WATER AND WASTEWATER TREATMENT EQUIPMENT												
460700			Submit shop drawings for each component of the groundwater system including; Equipment drawings showing necessary size, dimensions and materials of construction; Piping connection sizes and types; Electrical connections as necessary; Gauges, meters and appurtenances; and Process flow diagrams.												