Appendix A

Project Correspondence

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Central Remedial Action, Room 228
50 Wolf Road, Albany, New York 12233-7010
Phone: (518) 457-1741 • **FAX:** (518) 457-7925
Website: www.dec.state.ny.us

John P. Cahill
Commissioner

November 29, 2000

Mr. Edward LaPoint, PE
General Electric Company
320 Great Oaks Office Park
Suite 323
Albany, NY 12203

RE: Revised Interim Remedial Measures Work Plan (October, 2000)
Mead Road Pond Area
Loeffel Site Environs

Dear Mr. LaPoint:

This office has completed its review of the above referenced October 17, 2000 Revised Interim Remedial Measures Work Plan and hereby approves it. We request General Electric to coordinate this effort with the Department through the development of biddable contract documents to assure that implementation of the work is consistent with the work plan, and to provide sufficient time to schedule oversight and sampling activities.

If you have any questions or need clarification, please feel free to contact me at (518) 457-5637.

Sincerely,

James Ludlam, P.E.
Remedial Section A
Bureau of Central Remedial Action

cc: J. Sheehan
D. Munro
A. Belensz

BBL
ENVIRONMENTAL SERVICES, INC.
Remedial Action • Management and Construction

Transmitted via FedEx

September 18, 2001

Mr. Dan Douthwright
Clear Harbors Environmental Services, Inc.
392 Libbey Industrial Parkway
Weymouth, MA 02189

Re: Modification No. 1 – Mead Road Pond Backfill and Diversion Ditch Relocation
Interim Remedial Measures,
Mead Road Pond Area,
Loeffel Site Environs,
Nassau, New York
BBL Project #: 301.63.001

Dear Mr. Douthwright:

Enclosed you will find Modification No. 1 for the Remediation Contract – Interim Remedial Measures, Mead Road Pond Area, Loeffel Site Environs, Nassau, New York, BBLES Project #301.63.001.

If you have any questions, please call me.

Sincerely,

BLASLAND, BOUCK & LEE ENVIRONMENTAL SERVICES, INC.

CRTorell

Christopher R. Torell
Project Manager

CRT/csc
Enclosure

cc: Edward K. LaPoint, P.E., General Electric Company (w/attachments)
James N. Ludlam, P.E., NYSDEC (w/attachments)
Russ Shaver, NYSDEC (w/attachments)
David W. Hale, P.E., Blasland, Bouck & Lee, Inc. (w/out attachments)
Richard P. DiFiore, Blasland, Bouck & Lee, Inc. (w/out attachments)
Patrick N. McGuire, Blasland, Bouck & Lee, Inc. (w/out attachments)
Corinda B. Leonard, Blasland, Bouck & Lee, Inc. (w/attachments)

General Electric Company
Albany, New York

September 18, 2001

Interim Remedial Measures
For the Mead Road Pond Area, Loeffel Site Environs
Nassau, New York

Modification No. 1

The purpose of this modification is to provide additional details and revisions to the current scope of work related to:

- the backfill of Mead Road Pond; and
- the location and construction of the permanent diversion ditch.

Additionally, this modification provides requirements concerning the temporary diversion piping and ditches constructed by the Contractor to facilitate the project.

Reason for Modification

This modification is being issued due to the field discovery of a low load-bearing capacity clay in Mead Road Pond below materials designated for excavation. Additionally, this modification is being issued in response to CHES inquiry concerning post-project disposition of temporary diversion piping and ditching.

Scope of Work for the Modification

1. Section 3.35 – Restoration

   Delete:

   Restoration of the former Mead Road Pond will consist of stabilizing the excavated subgrade with a geotextile followed by backfill and a 6-inch-thick layer of select fill to form a uniform sloping grade toward Tributary T11A to eliminate future ponding. The former Mead Road Pond inlet and Tributary T11A will be connected by the new diversion ditch. The new diversion ditch will be constructed of backfill followed by 6 inches of select fill. A layer of geotextile shall be installed at the former Mead Road Pond Inlet to the invert of the culvert under the road as shown on Technical Drawing 9A. This will permanently connect the Northwest Drainage Ditch directly to Tributary T11A.

Insert:

Restoration of the former Mead Road Pond will consist of placement of General Fill in lifts not to exceed three feet and as workable followed by six inches of Select Fill-Type 1 to the grades specified in revised Figures 9, 9A and 12 (included herein). Initial backfill activities will consist of placement of a test fill approximately 30 feet by 30 feet by three feet thick to assess the displacement effects, if any, of the fill on the underlying clay. If displacement is minimal (as discerned by Owner's representative), backfill will continue. Excess displacement (as discerned by Owner's representative) will result in the suspension of backfill activity and reassessment of backfill methods. Following backfill, the former Mead Road Pond will be mulched and seeded, as appropriate.

The former Mead Road Pond inlet and tributary TIIA will be connected by construction of a permanent diversion ditch has been adjusted to result in a portion of natural soil being left in place between the former Mead Road Pond backfill material and the southern edge of the permanent diversion ditch. A layer of geotextile shall be installed at the former Mead Road Pond Inlet to the invert of the culvert under the road as shown on Technical Drawing 9A.

Figure MOD 1 presents three cross-sections for clarification of the above changes (prework, initial alignment, modified alignment).

All temporary diversion piping will be removed and all temporary diversion ditches will be backfilled with General Fill to original grade in lifts not to exceed three feet and as workable.

2. Materials and Performance Specifications – Section 02221 – Backfill Materials, Part 3, Execution, Section 3.01

Delete:

B. In general, fill material shall be placed and compacted in horizontal layers not exceeding 8 inches in thickness and stones shall not exceed 6 inches in greatest dimension and shall be well distributed throughout the mass.

Insert:

B. In general, fill material for the former Mead Road Pond and the temporary diversion ditches may be placed in lifts up to three feet in thickness and as workable. Fill material for all other areas shall be placed in lifts not exceeding eight inches. For all fill, stones shall not exceed six inches in the greatest dimension and shall be well-distributed throughout the mass.

3. Contract Drawings 9, 9A and 12

Delete:

Figures 9, 9A and 12

Insert:

Revised Figures 9, 9A and 12

Figure MOD 1

4. Section 1.3 – Scope of IRM, second bullet, page 1.0-4

Delete:

stabilizing the excavated subgrade with a geotextile followed by

Insert:

[No insert]

5. Section 2.3.1 – Work Activities, part E – Backfilling and Regrading of Mead Road Pond, page 2.0-5.

Delete:

- Stabilizing the excavated subgrade of the pond with a geotextile.

Insert:

[No insert]

6. Provide a cost change for the modifications (Items 1-5) described above.

This modification will require approval by GE based upon the quoted cost change.

GE Corporate
Environmental Programs

Edward K. LaPoint, P.E.
Project Manager

General Electric Company
320 Great Oaks Office Park, Ste. 323
Albany, NY 12203
Fax: (518) 862-2731
Dial Comm: 8 232-2734*
Telephone: (518) 862-2734

17 September 2001

Mr. James Ludlam, P.E.
New York State Department of
Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Mead Road Pond IRM Modifications

Dear Mr. Ludlam:

As we discussed, GE is proposing three minor modifications to the Mead Road Pond IRM. These changes are necessary to address the low-load bearing capacity of natural materials discovered below the limits of the excavation. BB&L has prepared the attached specifications for the contractor to implement. For convenience, these modifications are summarized below:

1) The permanent diversion ditch will we relocated approximately 20 feet to the northwest and constructed in undisturbed soils;

2) The elimination of the geo-textile below fill within the pond;

3) Increasing the allowable pond and temporary diversion ditch backfill lift thickness to 3 feet.

Also attached is the contractor's revised IRM completion schedule. Please feel free to contact me if you have any questions or comments.

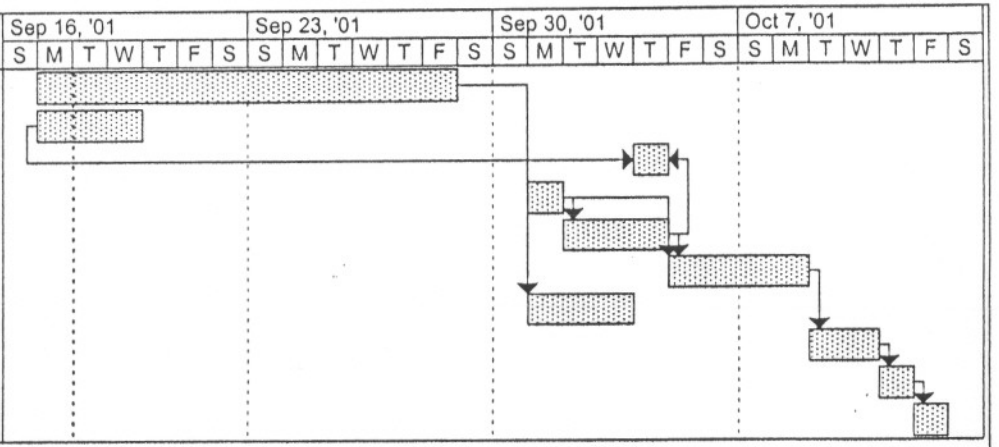
Sincerely,

Edward K. LaPoint, P.E.
Project Manager

Attachment

cc: R. Shaver – NYSDEC
C. Torell - BB&L
D. Douthwright – CHES

ID	Task Name	Duration
1	Backfill Mead Road Pond & Spoil Banks	10 days
2	Excavate, T&D Non-TSCA Soil In Low-Lying Area	3 days
3	Pump & Treat Standing Water	1 day
4	Backfill Low-Lying Area w/Wetlands Topsoil	1 day
5	Backfill Northwest Drainage Ditch w/Wetlands Topsoil	3 days
6	Wetalnds Restoration	2 days
7	Construct New Diversion Ditch & Culvert Outlet	3 days
8	Remove Temporary Facilities	2 days
9	Hydroseed Disturbed Areas	1 day
10	Demobilization	1 day

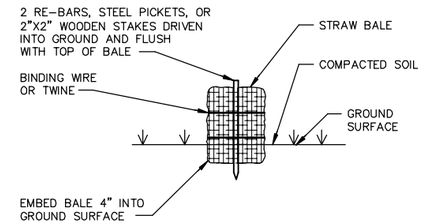


Project: Revised Mead Road Pond Schedule
Date: Tue 9/18/01

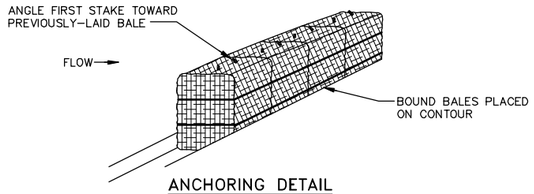
Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary
External Milestone
Deadline

GENERAL NOTES:

1. MEAD ROAD POND AREA MAP COMPILED FROM PHOTOGRAMMETRIC METHODS BASED ON PHOTOGRAPHY DATED MARCH 31, 1988 AND SUPPLEMENTED WITH ACTUAL FIELD SURVEY.
2. ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING SURVEY CONTROL TO VERIFY EXISTING GRADES. GE WILL IDENTIFY LOCATION(S) AND ELEVATION(S) OF SUITABLE BENCHMARKS TO BE USED FOR SURVEY CONTROL.
4. THE CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANIES FOR THE TEMPORARY REMOVAL AND REPLACEMENT OF ANY UTILITY POLES AND/OR UNDERGROUND UTILITIES THAT EXIST WITHIN OR ARE NEAR THE LIMITS OF EXCAVATION.
5. THE CONTRACTOR SHALL TAKE ALL APPROPRIATE MEASURES TO AVOID DAMAGE TO STRUCTURES (INCLUDING ROADWAYS) THAT ARE NOT SUBJECT TO REMOVAL AND REPLACEMENT AS PART OF THIS CONTRACT. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO SUCH STRUCTURES AT NO ADDITIONAL COST TO GE.
6. THE CONTRACTOR MAY CONSTRUCT AND MAINTAIN A LINED TEMPORARY STAGING AREA FOR EXCAVATED MATERIALS AT A LOCATION APPROVED BY GE. THE CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING PERIMETER EROSION AND SEDIMENTATION CONTROLS (IN THE FORM OF SILT FENCING AND STRAW BALES), RUN-OFF WATER COLLECTION, AND DUST SUPPRESSION IN THIS AREA. THE CONTRACTOR SHALL COVER THE STAGED MATERIALS WITH POLYETHYLENE WHEN NO ACTIVITIES ARE BEING PERFORMED IN THE STAGING AREA.
7. ALL EQUIPMENT OPERATED WITHIN THE LIMITS OF EXCAVATION SHALL BE CLEANED PRIOR TO USE OR STORAGE ELSEWHERE ON THE SITE OR TRANSPORT OFF-SITE. A WHEEL WASH SHALL BE PROVIDED BY THE CONTRACTOR TO BE USED AS NECESSARY FOR CLEANING EXCAVATION EQUIPMENT AND/OR TRANSPORTATION VEHICLES PRIOR TO THEIR REMOVAL FROM THE WORK SITE. WATER USED TO CLEAN EQUIPMENT SHALL BE RESTRICTED TO AND COLLECTED WITHIN A DESIGNATED EQUIPMENT CLEANING AREA. ALL SUCH WATERS SHALL BE TREATED WITH A TEMPORARY ON-SITE WATER TREATMENT SYSTEM, DESIGNED BY THE CONTRACTOR, TO THE CLEANUP LEVELS SPECIFIED IN THE CONTRACT.
8. WHEN EXCAVATING MATERIALS FROM A GIVEN AREA CONTAINING BOTH TSCA AND NON-TSCA MATERIALS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEGREGATING THESE MATERIALS (ACCORDING TO THEIR TSCA OR NON-TSCA CLASSIFICATION) FOR THE PURPOSES OF MATERIAL HANDLING, TEMPORARY STAGING, TRANSPORT, AND DISPOSAL.
9. PROPOSED LIMITS OF EXCAVATION ARE BASED ON FIELD MEASUREMENTS COLLECTED BY BLASLAND, BOUCK & LEE, INC. PERSONNEL AND ARE APPROXIMATE.
10. TO ACCOMMODATE NYSDEC's POST-CONSTRUCTION SAMPLING OF THE EXCAVATIONS, A CONTRACTOR-PRODUCED LICENSED SURVEYOR WILL BE PRESENT ON SITE AT ALL TIMES TO LOCATE PREVIOUS SAMPLING POINTS; IF REQUESTED. IT IS ANTICIPATED THAT EXCAVATIONS WILL BE LEFT IN AN OPEN AND STABLE CONDITION FOR A REASONABLE AMOUNT OF TIME TO FACILITATE NYSDEC SAMPLING. EXCAVATIONS WILL BE BACKFILLED AS SOON AS PRACTICAL AFTER SAMPLES HAVE BEEN COLLECTED.
11. ALL EXCAVATED MATERIALS WILL BE TRANSPORTED TO AN APPROPRIATE DISPOSAL FACILITY BASED ON THE CONCENTRATION OF PCBs.
12. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ABOVE AND BELOW GROUND UTILITIES AND STRUCTURES THAT MAY EXIST WITHIN THE PROJECT LIMITS PRIOR TO COMMENCEMENT OF WORK.
13. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL DEBRIS, REFUSE, AND RUBBISH FROM WITHIN THE PROJECT LIMITS, AS REQUIRED TO PERFORM THE WORK.
14. THE CONTRACTOR SHALL COORDINATE SITE ACTIVITIES TO AVOID INFRINGEMENT UPON NORMAL TRAFFIC FLOW ON ADJACENT ROADWAYS.
15. THE CONTRACTOR SHALL PROVIDE ADEQUATE SITE CONTROLS, INCLUDING STRAIGHT, TRUE AND SOUND FENCING AND SIGNAGE, TO LIMIT UNAUTHORIZED ACCESS TO THE SITE.
16. THE SOILS SUBJECT TO EXCAVATION AND HANDLING AS PART OF THIS CONTRACT POTENTIALLY CONTAIN PCBs AND SHOULD BE HANDLED IN ACCORDANCE WITH APPLICABLE REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING AND IMPLEMENTING APPROPRIATE HEALTH AND SAFETY MEASURES FOR ITS EMPLOYEES AND SUBCONTRACTORS.
17. WITHIN THE LIMITS OF EXCAVATION, THE CONTRACTOR SHALL RESTORE ALL AREAS BY PLACING AND COMPACTING GENERAL FILL TO ACHIEVE A GRADE OF APPROXIMATELY 6 INCHES BELOW THE GRADES INDICATED ON FIGURES 9 AND 10, AND THEN TOPSOIL AND SEED (UNLESS INDICATED OTHERWISE).
18. THE CONTRACTOR SHALL RESTORE TO PRE-REMEDIATION CONDITIONS ALL SUPPORT AREAS THAT ARE IMPACTED BY REMEDIATION ACTIVITIES, INCLUDING EQUIPMENT AND MATERIALS STORAGE AREAS, SOIL LOADING AND STAGING AREAS, PARKING AREAS, AND LOCATIONS OF OFFICE TRAILERS.
19. THE DRAWINGS MAY NOT INDICATE ALL SURFACE FEATURES SUBJECT TO REPLACEMENT AS PART OF SITE RESTORATION ACTIVITIES. THIS WILL NOT RELIEVE THE CONTRACTOR FROM REPLACING ANY AND ALL SUCH ITEMS AT NO ADDITIONAL COST TO GE.
20. UPON BACKFILLING OF EXCAVATION AREAS, THE CONTRACTOR SHALL PLACE EROSION CONTROLS WHERE NECESSARY. THE EROSION CONTROLS WILL BE REMOVED BY THE CONTRACTOR WHEN REQUESTED BY GE.
21. BACKFILLED AND RESTORED AREAS WILL BE SUBJECT TO FINAL SURVEY VERIFICATION. THE CONTRACTOR SHALL REPAIR ANY ITEMS THAT WERE NOT RESTORED TO THE LOCATIONS AND/OR ELEVATIONS REQUIRED BY THIS CONTRACT.
22. RESTORATION AT THE FORMER MEAD ROAD POND IS TO CONSIST OF IMPORTED CLEAN BACKFILL AND A 6-INCH-THICK LAYER OF TYPE 1 SELECT FILL TO FORM A UNIFORM SLOPING GRADE TOWARD THE NEW DIVERSION DITCH TO ELIMINATE FUTURE PONDING. ⚠1
23. THE NORTHWEST DRAINAGE DITCH AND THE DRAINAGE AREA IN THE SOUTHEAST CORNER OF THE MEAD ROAD POND SPOIL BANKS EXCAVATION AREA ARE TO BE BACKFILLED WITH IMPORTED CLEAN MATERIAL FOLLOWED BY 6 INCHES OF RIP RAP AND RESTORED TO THEIR ORIGINAL ELEVATION AND CONDITION (EXCEPT WHERE OTHERWISE NOTED).
24. THE LOW-LYING AREA IS TO BE RESTORED TO ITS ORIGINAL CONDITION.
25. THE HOUSE TRAILER IS TO BE PERMANENTLY RELOCATED BY OTHERS TO THE OPPOSITE SIDE OF MEAD ROAD. RESTORATION ACTIVITIES BY OTHERS INCLUDE CONSTRUCTION OF A NEW CONCRETE PAD; RECONNECTION OF THE ELECTRICAL/TELEPHONE SERVICE; INSTALLATION OF A NEW SEPTIC TANK AND LEACH FIELD, CONSTRUCTION OF A NEW GRAVEL PARKING AREA, AND HANDICAPPED ACCESS PAD AND RAMP (DESIGNS BY ENGINEER); AND RECONNECTING THE EXISTING WATER SUPPLY UNDER MEAD ROAD.
26. TEMPORARY RELOCATION OF THE NORTHWEST DRAINAGE DITCH AND MEAD ROAD POND INLET SHALL BE CONDUCTED IN A MANNER THAT WILL NOT CAUSE DISTURBANCE TO THE EXISTING STREAM CONDITIONS (e.g., INCREASED EROSION, SCOUR, AND TURBIDITY).
27. FOLLOWING REROUTING OF SOURCE WATERS, SURFACE WATER IN MEAD ROAD POND AND THE NORTHWEST DRAINAGE DITCH WILL BE DRAINED/DECANTED TO TRIBUTARY T11A WITH NO TREATMENT.
28. SURFACE WATER IN THE LOW-LYING AREA AND REMAINING STANDING WATER IN MEAD ROAD POND SHALL BE PUMPED AND TREATED BY THE ON-SITE WATER TREATMENT SYSTEM. RESIDUAL WATER GENERATED DURING DEWATERING OR FROM DECONTAMINATION ACTIVITIES WILL ALSO BE TREATED.
29. THE ON-SITE WATER TREATMENT SYSTEM (EXPECTED TO INCLUDE SETTLEMENT, FILTRATION, AND ACTIVATED CARBON) SHALL BE DESIGNED AND SUPPLIED BY THE CONTRACTOR WITH A PCB DETECTION LIMIT OF 0.065 PARTS PER BILLION FOR AROCLOR-1260.
30. WETLAND RESTORATION/MITIGATION ACTIVITIES SHALL BE PERFORMED AS DESCRIBED IN THE WETLAND MITIGATION PLAN. WETLANDS RESTORATION/MITIGATION SPECIFICATIONS MAY COMPLIMENT OR SUPERCEDE CERTAIN APPLICATIONS OF NOTES 17, 23, 24 HEREON.
31. STAGING AREAS, TEMPORARY STOCKPILE AREAS, AND CONSTRUCTION ACCESS ROADS OR PADS THAT ARE NEEDED FOR REMEDIATION SHALL BE EITHER IN UPLAND AREAS OR WETLAND AREAS TO BE EXCAVATED AND LATER RESTORED. ALL DISTURBED WETLANDS SHALL BE RESTORED AS DESCRIBED IN THE WETLAND MITIGATION PLAN.



BEDDING DETAIL



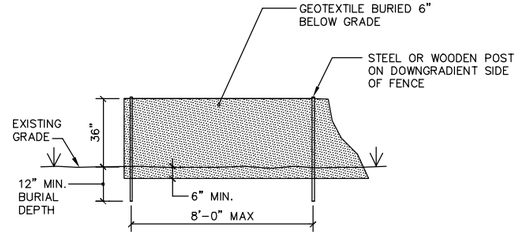
ANCHORING DETAIL

NOTE:

1. THE STRAW BALES WILL BE USED FOR TEMPORARY EROSION AND SEDIMENTATION CONTROL ONLY.

STRAW BALE (2)

NOT TO SCALE

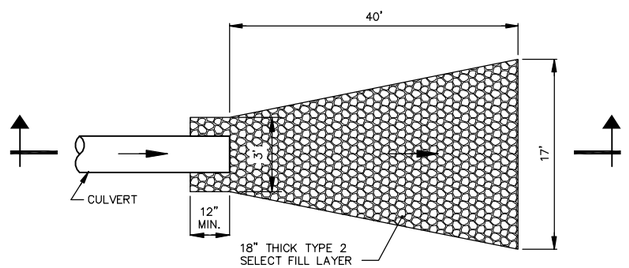


NOTES:

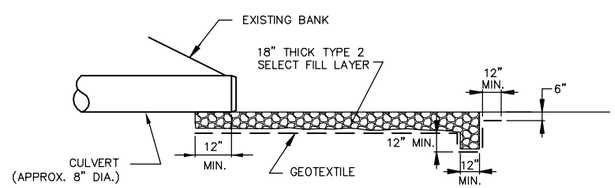
1. MATERIAL DEPOSITS SHALL BE REMOVED WHEN THE DEPOSIT REACHES APPROX. 6 INCHES ABOVE GRADE LEVEL.
2. THE SILT FENCE WILL REMAIN IN PLACE UNTIL A STRONG VEGETATIVE STAND IS ESTABLISHED.
3. THE SILT FENCE WILL BE USED FOR TEMPORARY EROSION AND SEDIMENTATION CONTROL ONLY.

SILT FENCE (1)

NOT TO SCALE



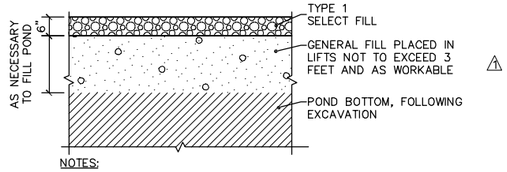
PLAN



SECTION

RIP-RAP APRON DETAIL (5)

NOT TO SCALE

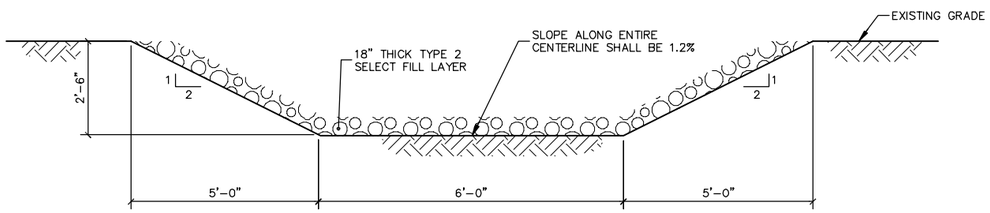


NOTES:

1. COVER SYSTEM SHALL BE GRADED AT A UNIFORM SLOPE TOWARD THE NEW DIVERSION DITCH AND OUTLET.

MEAD ROAD POND COVER SYSTEM (3)

NOT TO SCALE



NOTES:

1. THE DIVERSION DITCH WILL BE USED FOR PERMANENT FLOW DIVERSION AROUND MEAD ROAD POND.

MEAD ROAD POND DIVERSION DITCH (4)

NOT TO SCALE

X: 10073X00.DWG
L: ON=*, OFF=*REF
P: STD-PCP/DL
9/18/01 SYR-54-GMS NES LAF
10073045/CONTRACT/10073G13.DWG

Graphic Scale

NOT TO SCALE

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init
⚠1	9/12/01	DELETION OF GEOTEXTILE IN POND, CHANGES TO POND BACKFILL LIFTS	

Project Mgr. PNM
Designed by CBL/CRT
Drawn by YCC
Checked by CRT
Prof. Eng. DAVID W. HALE
PE License 065423

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

LOEFFEL SITE ENVIRONS

INTERIM REMEDIAL MEASURES

GENERAL NOTES AND DETAILS

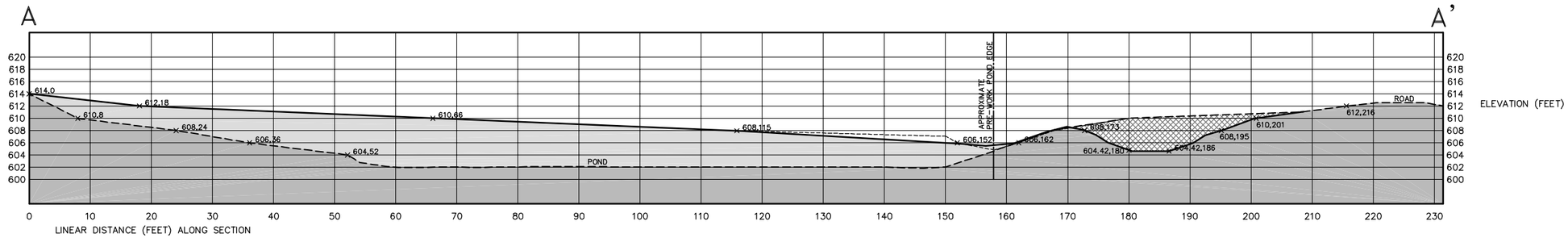
GENERAL

File Number 100.73.11F

Date MARCH 2001

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

12



PLEASE REFER TO FIGURE 9 FOR CROSS SECTION LOCATION

LEGEND:

- EXISTING GRADE
- FORMER PROPOSED GRADE
- NEW PROPOSED GRADE
- UNDISTURBED SOIL
- CUT
- FILL

GENERALIZED, CURRENT FIELD CONDITIONS MAY DIFFER

X: NONE
L: ON=*, OFF=REF*,
P: STD-PCP/DL
9/18/01 SYR-54-NES LAF
10073045/CONTRACT/10073G21.DWG

Graphic Scale
10' 0 10' 20'

No.	Date	Revisions	Init

Project Mgr. PNM
Designed by CRT
Drawn by NES
Checked by CRT
Prof. Eng. DAVID W. HALE
PE License 065423

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

LOEFFEL SITE ENVIRONS
INTERIM REMEDIAL MEASURES

CROSS SECTION A-A'

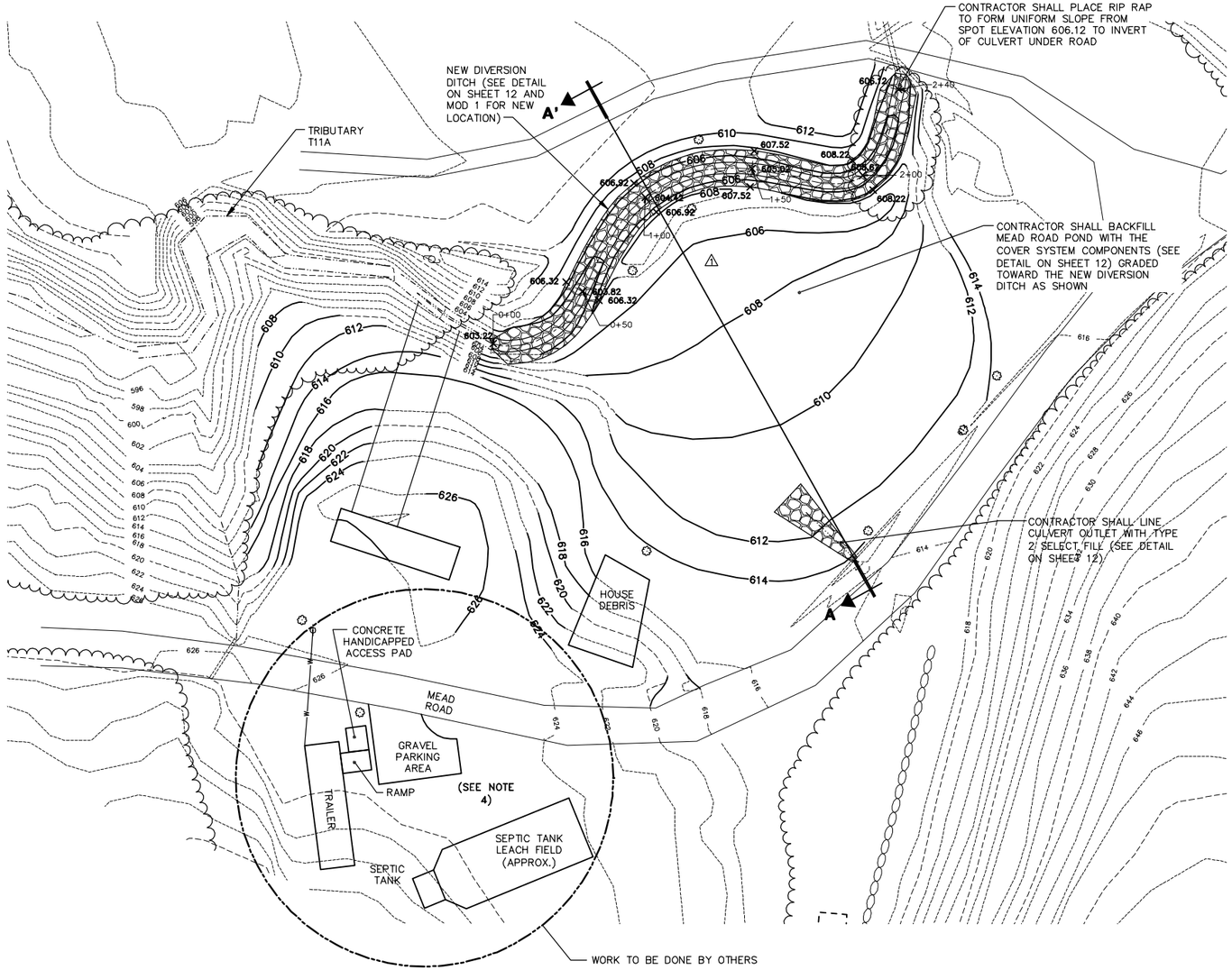
GENERAL

File Number
100.73..XXF

Date
SEPTEMBER 2001

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

MOD1



LEGEND:

- TREE
- TREE LINE
- UTILITY POLE
- OUTLET STRUCTURE
- EDGE OF WATER
- 608 TOPOGRAPHIC CONTOUR
- STONE FENCE
- 606 PROPOSED TOPOGRAPHIC CONTOUR
- × 606.92 SPOT ELEVATION
- 0+00 DITCH STATIONING
- ⚠ RIP RAP (TYPE 2 SELECT FILL)

NOTES:

1. MEAD ROAD POND MAP COMPILED FROM PHOTOGRAMMETRIC METHODS BASED ON PHOTOGRAPHY DATED MARCH 31, 1988 AND SUPPLEMENTED WITH ACTUAL FIELD SURVEY.
2. ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
3. GROUND SURFACE CONTOUR INTERVAL = 2 FEET.
4. OTHERS SHALL PLACE THE RELOCATED TRAILER ON A NEW CONCRETE PAD; HAVE THE ELECTRICAL/TELEPHONE SERVICE RECONNECTED; CONSTRUCT A NEW SEPTIC TANK AND LEACH FIELD, CONSTRUCT A NEW GRAVEL PARKING AREA AND HANDICAPPED ACCESS PAD AND RAMP (DESIGNS TO BE PROVIDED BY ENGINEER); AND CONNECT THE EXISTING WATER SUPPLY UNDER MEAD ROAD.
5. REFER TO GENERAL NOTES ON SHEET 12 FOR ADDITIONAL NOTES APPLICABLE TO THIS SITE.
6. SLOPE ALONG ENTIRE CENTERLINE OF DIVERSION DITCH SHALL BE 1.2%

X: 10073x00, 10073X02.DWG
L: ON=*, OFF=REF*, PR-DIVERSION_DITCH
P: STD-PCP/DL
9/18/01 SYR-54-YCC NES LAF
10073045/CONTRACT/10073G15.DWG

Graphic Scale
30' 0 30' 60'

No.	Date	Revisions	Init
⚠	9/12/01	REALIGNMENT OF DIVERSION DITCH	

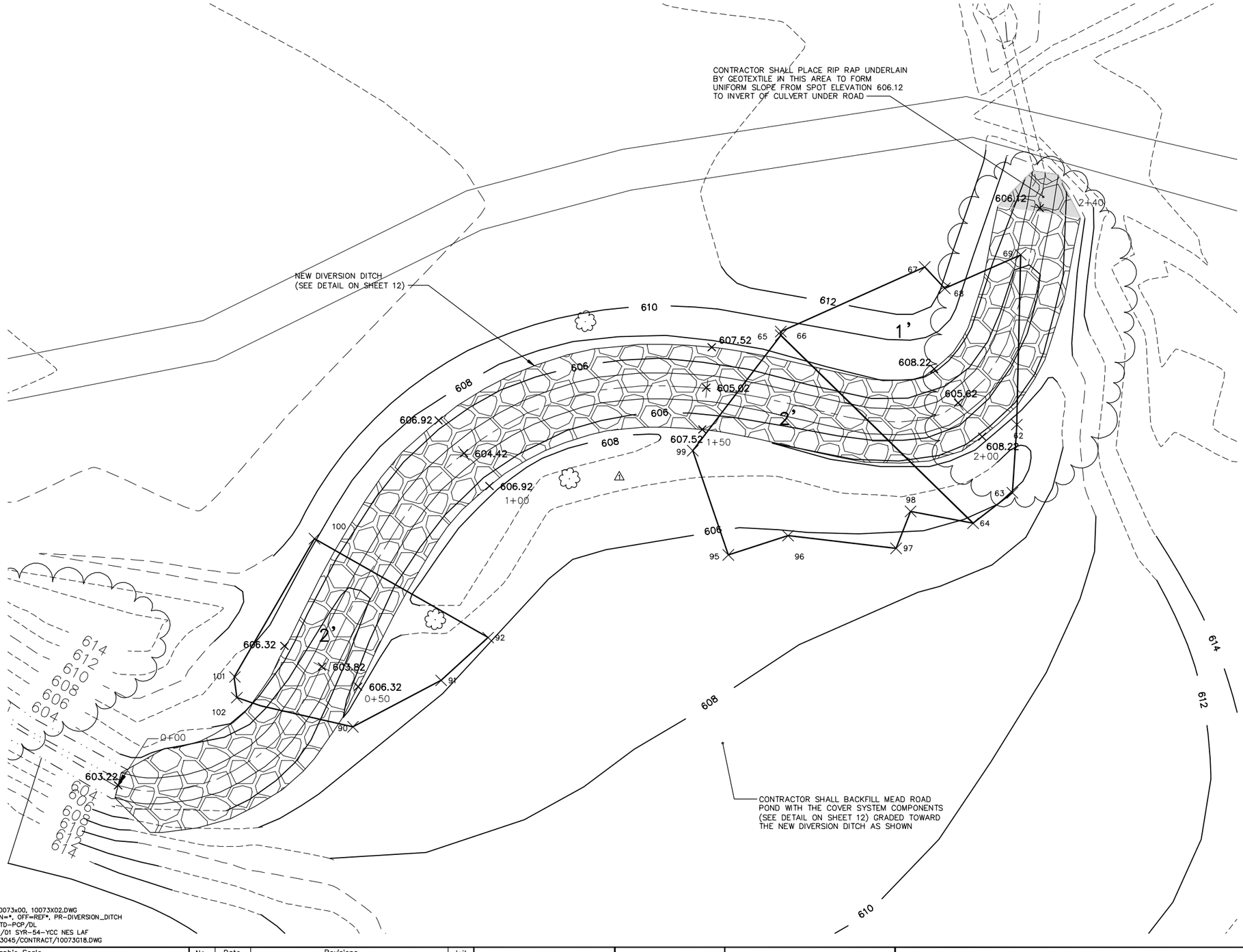
Project Mgr. PNM
Designed by CBL/CRT
Drawn by YCC
Checked by CRT
Prof. Eng. DAVID W. HALE
PE License 065423

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

LOEFFEL SITE ENVIRONS
INTERIM REMEDIAL MEASURES
RESTORATION PLAN FOR MEAD ROAD POND
GENERAL

File Number 100.73.08F
Date MARCH 2001

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120



EXCAVATION COORDINATES					
POINT	NORTHING	EASTING	POINT	NORTHING	EASTING
62	933918.79	706889.77	92	933877.65	706787.67
63	933905.64	706888.90	95	933893.62	706834.07
64	933899.71	706881.28	96	933897.32	706845.59
65	933936.00	706844.18	97	933894.89	706866.47
66	933936.76	706844.16	98	933902.02	706869.24
67	933949.21	706871.97	99	933913.74	706827.20
68	933945.07	706875.86	100	933896.74	706754.16
69	933951.58	706890.51	101	933870.04	706738.63
90	933860.41	706761.56	102	933866.05	706739.13
91	933869.38	706778.61			

LEGEND:

- TREE
- TREE LINE
- OUTLET STRUCTURE
- EDGE OF WATER
- 608 — TOPOGRAPHIC CONTOUR
- STONE FENCE
- 608 — PROPOSED TOPOGRAPHIC CONTOUR
- × 606.92 — SPOT ELEVATION
- 0+00 — DITCH STATIONING
- RIP RAP (TYPE 2 SELECT FILL)
- 2' — DEPTH OF EXCAVATION

NOTES:

1. MEAD ROAD POND MAP COMPILED FROM PHOTOGRAMMETRIC METHODS BASED ON PHOTOGRAPHY DATED MARCH 31, 1988 AND SUPPLEMENTED WITH ACTUAL FIELD SURVEY.
2. ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
3. GROUND SURFACE CONTOUR INTERVAL = 2 FEET.
4. REFER TO GENERAL NOTES ON SHEET 12 FOR ADDITIONAL NOTES APPLICABLE TO THIS SITE.
5. SLOPE ALONG ENTIRE CENTERLINE OF DIVERSION DITCH SHALL BE 1.2%.

X: 10073x00, 10073X02.DWG
L: ON=*, OFF=REF*, PR-DIVERSION_DITCH
P: STD-PCP/DL
9/18/01 SYR-54-YCC NES LAF
10073045/CONTRACT/10073G18.DWG

Graphic Scale
10' 0 10' 20'

No.	Date	Revisions	Init
1	9/12/01	REALIGNMENT OF DIVERSION DITCH	

Project Mgr. PNM
Designed by CBL/CRT
Drawn by YCC
Checked by CRT
Prof. Eng. DAVID W. HALE
PE License 065423

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

LOEFFEL SITE ENVIRONS
INTERIM REMEDIAL MEASURES
DIVERSION DITCH AND ASSOCIATED EXCAVATION LIMITS
GENERAL

File Number 100.73.08F
Date MARCH 2001

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