OS2 INTERIM REMEDIAL MEASURE
FORMER SPERRY REMINGTON SITE
ELMIRA, NEW YORK
APRIL 2019

LOCATION MAP

PREPARED FOR:
UNISYS CORPORATION
CORPORATE ENVIRONMENTAL AFFAIRS
3199 PILOT KNOB ROAD
MS F1B05
EAGAN, MN 55121

PREPARED BY: Beech and Bonaparte
engineering p.c.
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COLUMBIA, MD 20144
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CONSTRUCTION DRAWING
EXISTING CONDITIONS

1. EXISTING TOPOGRAPHY IS FROM:
   a. A TOPOGRAPHIC SURVEY OF ELMIRA HIGH SCHOOL BY HUNT
      ENGINEERS, ARCHITECTS, AND SURVEYORS IN SEPTEMBER 2016.
      VERTICAL CONTROL IS REFERENCED TO THE NORTH AMERICAN
      VERTICAL DATUM OF 1988 (NAVD 88/GEOID 12A), HORIZONTAL
      CONTROL IS REFERENCED TO THE NORTH AMERICAN DATUM OF
      1983 (NAD 83/NA 2011).
   b. A TOPOGRAPHIC SURVEY OF FORMER REMINGTON RAND SITE BY
      WEILER ASSOCIATES DATED 27 APRIL 2011.
   c. A BOUNDARY SURVEY OF LANDS OF SCOTT TECHNOLOGIES, INC.
      (F/K/A FIGGIE INTERNATIONAL, INC.), TOWN OF SOUTHPORT,
      CHEMUNG COUNTY, NEW YORK BY WEILER ASSOCIATES IN JUNE

2. UNDERGROUND UTILITIES SHOWN WERE MAPPED USING A
   COMBINATION OF FIELD LOCATED EVIDENCE AND EXISTING UTILITY
   MAPS. THE ACCURACY OF THESE UTILITY LOCATIONS CANNOT BE
   GUARANTEED. ALL UNDERGROUND UTILITIES SHOWN WERE FIELD
   VERIFIED BEFORE EXCAVATING.

CONSTRUCTION DRAWING

EXISTING REMEDIATION MEASURE

FORER SPERRY-REMINGTON SITE
ELMIRA, NEW YORK

10/7/2019
ADJUST TO GRADE WITH PRECAST
5
3
2
x
x
x
6
PROPOSED TEMPORARY FENCE
8
LEGEND
PROPERTY BOUNDARY
EXISTING GRADE CONTOUR (FEET-MSL)
EXISTING BUILDING
EXISTING PIPE/CONDUIT/CONCRETE RINGS
EXISTING UNDERGROUND FEATURE
EXISTING GROUNDWATER/GAS LINE
EXISTING SUMP/POCKET/PAVING/CONCRETE
LIMIT OF DISTURBANCE
SILT FENCE
STONE AND BLOCK DROP INLET PROTECTION
EXISTING CULVERT/PIPE IDENTIFICATION
EXISTING STRUCTURE IDENTIFICATION
PROPOSED TEMPORARY FENCE
EXISTING CATHODIC BASIN

NOTES:
1. SEE DRAWING 10 FOR GENERAL NOTES.
2. LOCATION OF BURIED STRUCTURES AND PIPES IS APPROXIMATE.
3. SEE DRAWING 3 FOR CULVERT/PIPE AND OTHER STRUCTURE SCHEDULES.
4. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL SUBMIT A WRITTEN MANHOLE CONSTRUCTION PLAN FOR APPROVAL BY ENGINEER.
5. REMOVE FINE-GRAINED MATERIAL. WATER AND SOLIDS SHALL BE COLLECTED AT S1 AND TRANSFERRED TO THE FRACTION TANK PENDING WASTE CHARACTERIZATION AND OFF-SITE DISPOSAL.
6. IMPORTED FILL MATERIAL WILL MEET REQUIREMENTS FOR IMPORTED FILL OR SOIL PRESENTED IN DER-10.
7. STOCKPILED SOIL NOT APPROVED BY NYSDEC FOR REUSE WILL BE LOADED INTO TRUCKS FOR OFF-SITE DISPOSAL.
8. STOCKPILED SOIL APPROVED BY NYSDEC FOR REUSE WILL BE USED TO BACKFILL THE EXCAVATION UP TO THE GROUND SURFACE, OR DEPTH APPROVED BY NYSDEC. IF NECESSARY, IMPORTED FILL MATERIAL WILL MEET REQUIREMENTS FOR IMPORTED FILL OR SOIL PRESENTED IN DER-10.
9. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL SUBMIT A WRITTEN MANHOLE CONSTRUCTION PLAN FOR APPROVAL BY ENGINEER.
10. PAVED AREAS WILL BE RESTORED WITH ASPHALT PAVEMENT IN ACCORDANCE WITH DETAIL 5.

MANHOLE NOTES:
1. THE RISER, TOP SLAB, AND BOTTOM SLAB SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF PRECAST CONCRETE MANHOLE SECTIONS.
2. CONCRETE COMPRESSION STRENGTH - 4,000 P.S.I. MINIMUM
3. TOP SLAB STEEL REINFORCED TO MEET OR EXCEED HS-20 LOADING.
4. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
5. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
6. TOP SLAB ADJUSTMENT:
   - A. REINFORCED STEEL SHALL COMFORM TO LATEST NATIONAL CONSTRUCTION EXHIBITORS ASSOCIATION SPECIFICATION.
   - B. MANHOLE DESIGN SHALL CONFORM TO LATEST NATIONAL CONSTRUCTION EXHIBITORS ASSOCIATION SPECIFICATION.
   - C. CONCRETE COMPRESSIVE STRENGTH - 4,000 P.S.I. MINIMUM.
   - D. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - E. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
   - F. TOP SLAB STEEL REINFORCED TO MEET OR EXCEED HS-20 LOADING.
   - G. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - H. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
   - I. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - J. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
   - K. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - L. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
   - M. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - N. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
   - O. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - P. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
   - Q. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - R. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
   - S. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - T. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
   - U. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - V. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
   - W. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - X. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.
   - Y. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP SHALL CONFORM TO LATEST ASTM C478 PARAGRAPH 11 SPECIFICATION.
   - Z. BUTYL SEALANT SHALL BE USED BETWEEN ALL JOINTS.

SCHEDULE:
- PLAN
- SECTION
- DETAIL
- ELEVATION

SCALE: 1" = 10'

STORM SEWER PLAN AND DETAILS
OS2 INTERIM REMEDIATION MEASURE
FORMER SPERRY-REMINGTON SITE
ELMIRA, NEW YORK

CONSTRUCTION DRAWING

DATE: NOVEMBER 2018
PROJECT NO.: MN0832A
FILE: MN0832A-004
DRAWING NO.: D
CHECKED BY: F
REVIEWED BY: R
APPROVED BY: R

LOCAL A
LOCAL B
LOCAL C
LOCAL D
LOCAL E
1. SEE SHEET 10 FOR GENERAL NOTES.
2. CONTRACTOR SHALL SUBMIT TO THE ENGINEER AN EXCAVATION WORK PLAN CONFORMING TO THE APPROVED IRM WORK PLAN. ANY MODIFICATIONS OR DEVIATIONS FROM THE APPROVED IRM WORK PLAN MUST BE APPROVED BY NYSDEC.
3. CONTRACTOR SHALL ABANDON NATURAL GAS UTILITIES WITHIN THE EXCAVATION IN COORDINATION WITH NYSEG PRIOR TO EXCAVATION.
4. EXCAVATED SOILS WITH 50 Mg/KG PCBs OR GREATER SHALL BE SEGREGATED AND STOCKPILED FOR SAMPLING FOR WASTE CHARACTERIZATION BY THE ENGINEER AND LOADED INTO TRUCKS FOR OFF-SITE DISPOSAL UPON APPROVAL OF THE WASTE PROFILE BY THE RECEIVING FACILITY.
5. EXCAVATED SOILS WITH PCBs BELOW 50 Mg/KG SHALL BE SEGREGATED AND STOCKPILED FOR SAMPLING FOR WASTE CHARACTERIZATION BY THE ENGINEER AND LOADED INTO TRUCKS FOR OFF-SITE DISPOSAL UPON APPROVAL OF THE WASTE PROFILE BY THE RECEIVING FACILITY.
6. ALL VEHICLES LEAVING THE LOADING AREA SHALL BE DECONTAMINATED PRIOR TO LEAVING THE SITE. SEE NOTES ON SHEET 10.
7. DOCUMENTATION SAMPLES WILL BE COLLECTED BY ENGINEER. DOCUMENTATION SAMPLE LOCATIONS ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BASED ON FIELD OBSERVATIONS AND CHANGES TO THE EXCAVATION PLAN. SEE OS2 IRM WORK PLAN FOR DETAILS.
8. PLACE DEMARCATION LAYER NETTING OVER BOTTOM OF EXCAVATION PRIOR TO BACKFILLING. SEE DETAIL 3 ON SHEET 9.
9. ALL MATERIALS IMPORTED TO THE SITE MUST MEET THE REQUIREMENTS OF DER-10 SECTION 5.4(e) AND APPENDIX 5 FOR RESTRICTED RESIDENTIAL USE. ALL CONFORMANCE DATA FOR IMPORTED MATERIALS MUST BE VALIDATED AND APPROVED BY NYSDEC.
10. FILL MATERIAL WILL BE COMPACTED IN ORDER TO MAINTAIN THE INTEGRITY OF THE COVER WITH ACCOMMODATION FOR SETTLING AND SUBSIDENCE AND TO HAVE PERMEABILITY CONSISTENT WITH NATURAL SUBSOILS PRESENT.
MATERIAL WILL BE REMOVED FROM FORMER OIL SKIMMER #2 USING THE FOLLOWING SEQUENCE:

1. SOIL SHALL BE REMOVED FROM TOP OF OS2 AS PART OF SHALLOW SOIL EXCAVATION TO EXPOSE CONCRETE TOP THAT HAS BEEN OBSERVED TO BE 12 TO 36 INCHES BELOW GROUND SURFACE.

2. CONCRETE TOP SHALL BE REMOVED AND STABILIZED AT ON-SITE CONCRETE STABILIZATION FACILITY. CONCRETE SHALL BE DECONTAMINATED ON SITE. SAMPLES OF THE STABILIZED MATERIAL SHALL BE TAKEN FROM EACH LOAD OF MATERIAL DELIVERED TO FACILITY. THE STABILIZED MATERIAL SHALL BE DISPOSED OF ACCORDING TO APPLICABLE FEDERAL AND STATE LAWS AND REGULATIONS AT A SITE APPROPRIATELY PERMITTED FACILITY.

3. EXCAVATION OF OS2 STRUCTURE SHALL BE REMOVED AND CONTAINED FOR OFF-SITE DISPOSAL AT UNISYS APPROVED FACILITY.

4. WATER WITHIN OS2 STRUCTURE SHALL BE REMOVED AND CONTAINED FOR OFF-SITE DISPOSAL AT UNISYS APPROVED FACILITY. THE QEP SHALL COLLECT REPRESENTATIVE SAMPLES FOR ANALYSES TO DEVELOP A WASTE PROFILE.

5. FINE-GRAINED MATERIAL WITHIN OS2 STRUCTURE SHALL BE REMOVED BY SUCTION PROVIDED BY A VACUUM TRUCK AND TRANSFERRED TO A SOLIDS STABILIZATION FACILITY FOR STABILIZATION USING CEMENT KILN DUST. STABILIZED SOLIDS WILL BE TRANSPORTED FOR OFF-SITE DISPOSAL AT UNISYS APPROVED FACILITY.

6. THE VACUUM TRUCK WILL BE DECONTAMINATED BEFORE ARRIVING TO OR DEPARTING FROM THE SITE.

7. EXISTING PIPE CONNECTIONS TO OS2 WILL BE CLOSED BY PLUGGING WITH GROUT. CONCRETE BLOCK SHALL BE PLACED IN THE RECTANGULAR OPENING TO THE SITE CULVERT AND GROUTED CLOSED. CONCRETE BLOCK SHALL BE PLACED IN THE RECTANGULAR OPENING TO THE SITE CULVERT AND 5-FT BOX CULVERT INLET AND GROUTED CLOSED.

LEGEND

- PROPERTY BOUNDARY
- EXISTING GRADE
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING UNDERGROUND GAS LINE
- EXISTING UTILITY POLE (AND GUY WIRE)
- STEEL WALL
- EXISTING GRADE CONTOUR (FEET-MSL)
- EXISTING UNDERGROUND UTILITY
- EXISTING BRIEFCASE
- PROPOSED TEMPORARY FENCE

SCALE: 1" = 5'  
EXISTING GRADE CONTOUR (FEET-MSL)
EXISTING BUILDING
EXISTING FENCE
EXISTING UNDERGROUND UTILITY
EXISTING BRIEFCASE
PROPOSED TEMPORARY FENCE

CONSTRUCTION DRAWING

UNISYS

OIL SKIMMER PLAN

OIL SKIMMER #2 INTERIM REMEDIATION MEASURE

PROJECT NO. 11

FORERER SPERRY-REMINGTON SITE
ELMIRA, NEW YORK

OIL SKIMMER #2

CONSTRUCTION DRAWING
1. Replace open grates with solid steel plate.
2. Existing soils shall not be excavated during grading. Grade by filling only.
3. All materials imported to the site for fill must meet the requirements of DER-10 Section 5.4(e) and Appendix 5 for unrestricted use. All conformance data for imported materials must be validated and approved by NYSDEC.
4. Place topsoil and sod.

CONSTRUCTION DRAWING

SCALE: 1" = 1'
SOIL BERMS

SAND BAG AS NECESSARY TO SECURE TARP CONTINUOUS 30 MIL LDPE SHEET

6-MIL POLY TARP (OR APPROVED EQUIVALENT)

STRAW WADDLE (20"

SOILS (20"

_ L

CONTINUOUS 8oz NONWOVEN GEOTEXTILE

SOILS (NATIVE SOIL)

8 OZ / YD² NON-WOVEN GEOTEXTILE

EXTEND EDGE OF TARP MIN 1' BEYOND LIMITS OF STOCKPILE

ITEM #4 FILL

EXISTING 16" (MIN)

GRADE

4" NY DOT TYPE 2 OR 4 SUBBASE AGGREGATE OR RECYCLED CEMENT AGGREGATE ALTERNATE A B A

13

PLAN

SECTION

DETAIL

SOIL STOCKPILE

3 SCALE: NTS

1. PROVIDE 6-FT TALL, PORTABLE CHAIN-LINK FENCE PANELS, SET ON 4' TO 20' INTERIM REMEDIATION MEASURE

FORMER SPERRY-REMINGTON SITE 

ELMIRA, NEW YORK

DRAWN BY:

CHECKED BY: FILE:

APPROVED BY:

1. PROVIDE 6-FT TALL, PORTABLE CHAIN-LINK FENCE PANELS, SET ON 4' TO 20' INTERIM REMEDIATION MEASURE

2. PROVIDE FULL-COVERAGE VISUAL SCREENING OVER EACH ENTIRE PERIMETER OF THE FENCE PANEL.

3. CONTRACTOR SHALL PLACE POLY SHEETING IN THE LOADING AREA PRIOR TO LOADING TRUCKS FOR OFF-SITE TRANSPORT AND DISPOSAL.

4. CONTRACTOR SHALL PLACE SAND PADDING OVER THE POLY SHEETING AND STABILIZED SOLIDS STABILIZATION AREA.

5. CONTRACTOR SHALL PLACE 3' SOIL BERM AT LOWEST POINT OF TSCA LOADING AREA.

6. CONTRACTOR SHALL PLACE 3' BERM JUMP AT LOWEST POINT OF TSCA LOADING AREA. JUMP LOCATION SHALL BE APPROVED BY ENGINEER.

7. CONTRACTOR SHALL PLACE POLY SHEETING IN THE LOADING AREA PRIOR TO LOADING TRUCKS FOR OFF-SITE TRANSPORT AND DISPOSAL.

8. CONTRACTOR SHALL PLACE SANDBAGS TO ANCHOR POLY SHEETING; TIE SANDBAGS TO PREVENT SLIDING

LOADING AREA NOTES:

1. SEE DRAWING 5 FOR GENERAL NOTES.

2. LOADING AREA SHALL BE COVERED USING CONTINUOUS 6oz NONWOVEN GEOTEXTILE.

3. CONTRACTOR SHALL PLACE DUMP AT LOWEST POINT OF LOADING AREA. DUMP LOCATION SHALL BE APPROVED BY ENGINEER.

4. LOADING AREA SHALL BE COVERED USING CONTINUOUS 6oz NONWOVEN GEOTEXTILE AT THE END OF EACH DAY AND ON DAYS WHEN NOT IN USE.

5. TRUCKS SHALL BACK INTO THE TSCA LOADING AREA FOR LOADING.

SOIL STOCKPILE NOTES

1. AT THE END OF EACH WORK DAY, CONTRACTOR SHALL COMPLETELY COVER STOCKPILED SOILS WITH A SECURED TARP. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING SOILS DO NOT MIGRATE FROM STAGING AND STOCKPILE LOCATIONS.

2. ALL STORMWATER RUNOFF SHALL BE CAPTURED WITHIN THE TSCA ACCUMULATION AREA AND NOT ALLOWED TO RUNOFF OR INFILTRATE.

3. CONTRACTOR SHALL PLACE SUMP AT LOWEST POINT OF TSCA LOADING AREA PRIOR TO LOADING TRUCKS FOR OFF-SITE TRANSPORT AND DISPOSAL. THIS INCLUDES THE USE OF PLASTIC SHEETING OR EQUIVALENT MATERIALS TO PREVENT TRUCK TIRES FROM TRAVELING DIRECTLY ON PCB IMPACTED SOILS. CONTRACTOR SHALL BE DECONTAMINATED PRIOR TO LEAVING THE SITE.

4. ANY WATER COLLECTED WITHIN THE SUMP SHALL BE SEGREGATED, CHARACTERIZED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL STATE AND FEDERAL REGULATIONS.

5. VEHICLES ENTERING LOADING AREA SHALL BE LOADED AND UNLOADED IN A MANNER THAT PREVENTS CONTACT WITH PCB IMPACTED MATERIALS OUTSIDE OF THE SECURED BED OF THE TRUCK. THIS INCLUDES THE USE OF PLASTIC SHEETING OR EQUIVALENT MATERIALS TO PREVENT SPILLED SOILS FROM CONTACTING THE SIDES OF THE TRUCK AND THE USE OF A CLEAN DECONTAMINATION OF WHEELS, TIRES, SIDES, UNDERBODY AND ANY OTHER PORTIONS OF THE VEHICLE WHICH MAY HAVE RESIDUAL SOIL.

6. CONTRACTOR SHALL PLACE 6" Ø GAS PIPE LINER.

7. CONTRACTOR SHALL PLACE SUMP AT LOWEST POINT OF TSCA LOADING AREA. SUMP LOCATION SHALL BE APPROVED BY ENGINEER.

8. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING PCB IMPACTED MATERIALS DO NOT MIGRATE FROM STAGING AND Stockpile locations.

9. CONTRACTOR SHALL PLACE SUMP AT LOWEST POINT OF TSCA LOADING AREA. SUMP LOCATION SHALL BE APPROVED BY ENGINEER.

TEMPORARY FENCING NOTES

1. PROVIDE 6-FT TALL, PORTABLE CHAIN-LINK FENCE PANELS, SET ON 4' TO 20' INTERIM REMEDIATION MEASURE

2. PROVIDE FULL-COVERAGE VISUAL SCREENING OVER EACH ENTIRE PERIMETER OF THE FENCE PANEL.

3. PROVIDE FULL-COVERAGE VISUAL SCREENING OVER THE ENTIRE SCALE: NTS

4. PROVIDE FULL-COVERAGE VISUAL SCREENING OVER EACH ENTIRE PERIMETER OF THE FENCE PANEL.
PERMANENT TURF GRASS FOR SOIL STABILIZATION SHALL BE ESTABLISHED IN EROSION AND SEDIMENT NOTES

NAME VARIETY RATE

A

3

PERMANENT TURF GRASS FOR SOIL STABILIZATION SHALL BE IN ESTABLISHED IN TURF AND WILDFLOWER ESTABLISHMENT.  SEE SEED SPECIES SHALL BE AS FOLLOWS:

NOTE 4

AT LEAST 3 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR REMOVE TREES, VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL.

CLEARING, GRUBBING, AND TOPSOIL STRIPING SHALL BE LIMITED TO THOSE AREAS NOT NOTES:

1. PROVIDE 6-FT TALL, PORTABLE CHAIN-LINK FENCE PANELS, SET ON THE EXISTING GROUND SURFACE, COINCIDENT WITH THE LIMIT OF THE FENCE PANELS.

2. PROVIDE BALLAST, AS NECESSARY, TO PREVENT OVERTURNING THE LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT FULLY IMPLEMENTED OUTSIDE THE LIMIT OF DISTURBANCE BOUNDARIES SHOWN ON THE PLAN MAPS.

3. THE CONTRACTOR SHALL PERFORM DECONTAMINATION OF ANY TRUCKS OR EQUIPMENT CONTACTING OR SUSPECTED OF CONTACTING PCB IMPACTED MATERIAL PRIOR TO TRAVERSING AREAS NOT SPECIFICALLY DESIGNATED AS COVERED AREA FOR CHARACTERIZATION AND OFF-SITE DISPOSAL.  SEDIMENT LADEN WATER CONTACT WITH PCB IMPACTED MATERIAL OUTSIDE OF THE SECURED BED SHALL BE DECONTAMINATED PRIOR TO LEAVING THE SITE.

4. EQUIPMENT THAT WILL CONTACT POTENTIALLY CONTAMINATED SOIL, SEDIMENT OR WASTE. PRESSURE WASH AND RINSE TO REMOVE MUD, SOIL, AND OTHER FOREIGN MATERIAL FROM THE WORK AREA WILL BE DECONTAMINATED AS FOLLOWS:

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING.

2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.

3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK AREAS. DURING NON-GERMINATING MONTHS, MULCH OR OTHER PROTECTIVE EMBRACE FILTER CLOTH LAPPED BY SIX INCHES AND FOLDED.  FILTER CLOTH SHALL BE EITHER FILTER "C", 20"MIN. EMBED FILTER CLOTH A MIN. OF 6" IN GROUND.

4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE REQUIRED. WHEN PLACING FILL OR BACKFILL AROUND CULVERTS MAXIMUM DRAINAGE AREA 1 ACRE.

5. MAINTENANCE SHALL BE CONDUCTED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN EMBED FILTER CLOTH A MIN. OF 6" IN GROUND.

6. AT STREAM CROSSINGS, 50' BUFFER AREAS SHOULD BE MAINTAINED.  ON BUFFERS, E&S BMPS MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONING AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE PERMANENTLY STABILIZED OR UNTIL THEY ARE REPLACED BY ANOTHER BMP APPROVED BY THE LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT.

7. IN AREAS INACCESSIBLE TO CONVENTIONAL COMPACTORS, OR WHERE MANEUVERING SPACE IS LIMITED, IMPACTOR RAMMERS, PLATE OR SMALL DRUM COMPACTORS MUST BE USED. STONE & BLOCK PLAN VIEW

8. SIMULTANEOUSLY UPON DISCOVERING POTENTIAL SOURCES OF SEDIMENT LOSS DURING THE POTENTIAL FOR INCREDIBLE SOURCES UNDER SEDIMENT CONTROL, THE OPERATOR SHALL NOT PERFORM ANY ACTIVITIES WHICH MAY RETURN SEDIMENT TO THE FLOODPLAIN.

9. AT LEAST 3 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR REMOVE TREES, VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL.

10. SIMULTANEOUSLY UPON DISCOVERING POTENTIAL SOURCES OF SEDIMENT LOSS DURING THE POTENTIAL FOR INCREDIBLE SOURCES UNDER SEDIMENT CONTROL, THE OPERATOR SHALL NOT PERFORM ANY ACTIVITIES WHICH MAY RETURN SEDIMENT TO THE FLOODPLAIN.

11. THE CONTRACTOR SHALL PERFORM DECONTAMINATION OF ANY TRUCKS OR EQUIPMENT CONTACTING OR SUSPECTED OF CONTACTING PCB IMPACTED MATERIAL PRIOR TO TRAVERSING AREAS NOT SPECIFICALLY DESIGNATED AS COVERED AREA FOR CHARACTERIZATION AND OFF-SITE DISPOSAL.  SEDIMENT LADEN WATER CONTACT WITH PCB IMPACTED MATERIAL OUTSIDE OF THE SECURED BED SHALL BE DECONTAMINATED PRIOR TO LEAVING THE SITE.

12. EQUIPMENT THAT WILL CONTACT POTENTIALLY CONTAMINATED SOIL, SEDIMENT OR WASTE. PRESSURE WASH AND RINSE TO REMOVE MUD, SOIL, AND OTHER FOREIGN MATERIAL FROM THE WORK AREA WILL BE DECONTAMINATED AS FOLLOWS:

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING.

2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.

3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK AREAS. DURING NON-GERMINATING MONTHS, MULCH OR OTHER PROTECTIVE EMBRACE FILTER CLOTH LAPPED BY SIX INCHES AND FOLDED.  FILTER CLOTH SHALL BE EITHER FILTER "C", 20"MIN. EMBED FILTER CLOTH A MIN. OF 6" IN GROUND.

4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE REQUIRED. WHEN PLACING FILL OR BACKFILL AROUND CULVERTS MAXIMUM DRAINAGE AREA 1 ACRE.

5. MAINTENANCE SHALL BE CONDUCTED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN EMBED FILTER CLOTH A MIN. OF 6" IN GROUND.

6. AT STREAM CROSSINGS, 50' BUFFER AREAS SHOULD BE MAINTAINED.  ON BUFFERS, E&S BMPS MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONING AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE PERMANENTLY STABILIZED OR UNTIL THEY ARE REPLACED BY ANOTHER BMP APPROVED BY THE LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT.

7. IN AREAS INACCESSIBLE TO CONVENTIONAL COMPACTORS, OR WHERE MANEUVERING SPACE IS LIMITED, IMPACTOR RAMMERS, PLATE OR SMALL DRUM COMPACTORS MUST BE USED. STONE & BLOCK PLAN VIEW

8. SIMULTANEOUSLY UPON DISCOVERING POTENTIAL SOURCES OF SEDIMENT LOSS DURING THE POTENTIAL FOR INCREDIBLE SOURCES UNDER SEDIMENT CONTROL, THE OPERATOR SHALL NOT PERFORM ANY ACTIVITIES WHICH MAY RETURN SEDIMENT TO THE FLOODPLAIN.

9. AT LEAST 3 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR REMOVE TREES, VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL.

10. SIMULTANEOUSLY UPON DISCOVERING POTENTIAL SOURCES OF SEDIMENT LOSS DURING THE POTENTIAL FOR INCREDIBLE SOURCES UNDER SEDIMENT CONTROL, THE OPERATOR SHALL NOT PERFORM ANY ACTIVITIES WHICH MAY RETURN SEDIMENT TO THE FLOODPLAIN.

11. THE CONTRACTOR SHALL PERFORM DECONTAMINATION OF ANY TRUCKS OR EQUIPMENT CONTACTING OR SUSPECTED OF CONTACTING PCB IMPACTED MATERIAL PRIOR TO TRAVERSING AREAS NOT SPECIFICALLY DESIGNATED AS COVERED AREA FOR CHARACTERIZATION AND OFF-SITE DISPOSAL.  SEDIMENT LADEN WATER CONTACT WITH PCB IMPACTED MATERIAL OUTSIDE OF THE SECURED BED SHALL BE DECONTAMINATED PRIOR TO LEAVING THE SITE.

12. EQUIPMENT THAT WILL CONTACT POTENTIALLY CONTAMINATED SOIL, SEDIMENT OR WASTE. PRESSURE WASH AND RINSE TO REMOVE MUD, SOIL, AND OTHER FOREIGN MATERIAL FROM THE WORK AREA WILL BE DECONTAMINATED AS FOLLOWS:

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING.

2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.

3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK AREAS. DURING NON-GERMINATING MONTHS, MULCH OR OTHER PROTECTIVE EMBRACE FILTER CLOTH LAPPED BY SIX INCHES AND FOLDED.  FILTER CLOTH SHALL BE EITHER FILTER "C", 20"MIN. EMBED FILTER CLOTH A MIN. OF 6" IN GROUND.
NOTES:
1. ALL EQUIPMENT WASH WATER SHALL BE CAPTURED WITHIN THE PAD AND NOT ALLOWED TO RUNOFF OR INFILTRATE.
2. INTERIOR BASE SHALL BE SLOPED SO THAT CAPTURED WATER DRAINS TO THE SUMP LOCATED AT THE LOWEST POINT. ADDITIONAL SUMPS MAY BE INSTALLED AT OTHER LOW SPOTS WITHIN THE PAD AS NEEDED.
3. ANY WATER COLLECTED WITHIN THE EQUIPMENT WASH PAD SUMP SHALL BE SEGREGATED, CHARACTERIZED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.