

ATTACHMENT C

Plans



1. ESTABLISH CONSTRUCTION WORKSPACE LIMITS; IDENTIFY AND MARK SENSITIVE UTILITIES/RESOURCES
2. PERFORM ALL WORK IN ACCORDANCE WITH MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS (2003), AND THE CITY OF BEDFORD'S EROSION CONTROL ORDINANCE (2006)
3. INSTALL AND MAINTAIN SEDIMENT BARRIERS SUCH AS Silt FENCING AND/OR OTHER EROSION CONTROL BARRIERS ALONG THE DOWNHILL AS INDICATED ON THIS PLAN. SEDIMENT BARRIER LOCATIONS MAY BE ADJUSTED IN THE FIELD BASED ON SITE CONDITIONS. SEDIMENT BARRIERS SHALL BE LICENSED SITE PROFESSIONAL OR HIS DESIGNEE. STRAW BALES SHALL BE ANCHORED WHERE POSSIBLE, AND NOT SET ON PAVEMENT AS SHOWN IN THE DRAWING DETAILS. PIPE SLOPE DRAINS (OR EQUIVALENT) SHALL BE CONSTRUCTED TO DIVERT FLOW FROM ROOF DRAINS TO AREA OUTSIDE OF WORK AREA.
6. CONSTRUCT SITE ENTRANCE AND EXIT PADS (IF DEEMED NECESSARY), AND STABILIZE ACCESS WAY SURFACE, PARKING AREAS AND EQUIPMENT STORAGE AND LAYDOWN AREAS WITH MATTING, CRUSHED STONE OR GRAVEL. SUBBASE SHALL BE MAINTAINED TO MINIMIZE RUTS.
7. CONTRACTOR SHALL MARK OUT LOCATIONS AND NOTIFY DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONTRACTOR SHALL MAINTAIN ALL ACTIVITIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), AND STANDARDS SET FORTH BY THE CITY OF NEW BEDFORD.
9. PRIOR TO COMMENCING SITE WORK, THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF NEW BEDFORD TO OBTAIN NECESSARY PERMITS AND TO NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
10. CONTRACTOR SHALL PREPARE, INSTALL AND MAINTAIN EROSION CONTROL MEASURES AND REMOVE ACCUMULATED SEDIMENT DEEMED FOR REMOVAL BY ONSITE TRC PERSONNEL OR APPLICABLE NOTICE OF INTENT DOCUMENTATION.
11. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL REMOVE AND DESTROY ALL EROSION CONTROL MEASURES AND ALL SEDIMENT AND DEBRIS FROM ALL DRAINAGE SYSTEMS. EROSION CONTROLS SHALL REMAIN IN PLACE UNTIL UPGRADE AREAS HAVE BEEN ESTABLISHED.
12. THE CONTRACTOR SHALL INSTALL A DECONTAMINATION AND BOOT WASH AREA TO PREVENT ACCUMULATED DEBRIS AND PERSONNEL THAT HAVE WORKED IN EXCAVATION AREAS. ALL DECONTAMINATION FLUIDS THAT MAY HAVE BEEN IN CONTACT WITH PCBs SHALL BE COLLECTED BY THE CONTRACTOR AND DISPOSED AS TSGL REGULATED WASTE.
13. CONTRACTOR SHALL INSTALL TEMPORARY 6-FOOT CHAIN-LINK FENCE AS INDICATED ON THIS PLAN. FENCE SECTIONS WILL HAVE SUPPORT FEET AND WILL NOT PENETRATE THE GROUND.
14. ALL SOLID SHALL BE REMOVED FROM FENCE POSTS AND OTHER DEBRIS DURING CLEANUP. FENCE POSTS DISPOSED, DISCLOSED SOLID WILL THEN BE PLACED BACK INTO THE HOLE FROM WHICH THEY WERE REMOVED. ANY CONCRETE DEBRIS REMOVED DURING FENCE POST REMOVAL WILL BE PLACED IN STOCKPILE AREA OR DUMPSITE FOR LATER DISPOSAL BY THE CONTRACTOR.
15. VEGETATION WILL BE REPLANTED AND CUT AS NEEDED BY CONSTRUCTION OPERATIONS ALONG EMBANKMENT AREAS. SMALL TO MEDIUM SIZED VEGETATION WILL BE REMOVED IN THE WETLAND AREA AS REQUIRED BY ONSITE TRC REPRESENTATIVES AND PORTA-DAM ONSITE TECHNICIAN.
16. CONTRACTOR SHALL USE EXISTING CHAIN CUTS FOR PROPERTY ACCESS, OR STEEL PLATING SHALL BE UTILIZED IF NECESSARY TO AVOID DAMAGE TO EXISTING CURBING.
17. IN PLACE OF THE CONSTRUCTION ENTRANCE/EXIT PAD ON HATHAWAY BOULEVARD, THE CONTRACTOR MAY SUBMIT HIS OR HER OWN DESIGN MEETING THE SAME REQUIREMENTS AND STANDARDS AS SHOWN ON THIS PLAN FOR THE CONTRACTOR'S CLEANING/DECONTAMINATION FOR ENGINEER APPROVAL.
18. PROPERTY CORNERS AND POINTS OF TANGENCY IDENTIFIED ON THIS PLAN SHALL BE LOCATED AND MARKED BY A LICENSED PROFESSIONAL LAND SURVEYOR PRIOR TO ANY WORK.
19. EXISTING FENCE POSTS, ASPHALT, BRICK, CONCRETE, AND OTHER DEBRIS REMOVED FROM AREAS OF SKID KNOWN TO CONTAIN PCBs EQUAL TO OR GREATER THAN 10 MG/KG SHALL BE MANAGED AS TSGL-REGULATED WASTE, UNLESS PROVEN OTHERWISE BY ANALYSIS BY A LICENSED PROFESSIONAL LABORATORY FOR THE CONTRACTOR.
20. CONSTRUCTION SEQUENCE NOTES CAN BE FOUND ON THIS SHEET.

-ASSUME 1.4 TONS IN A CY
-APPROXIMATELY 22 LB/SF OF AQUABLOK REQUIRED
BASED ON VENDOR PROVIDED INFORMATION
-ASSUME THAT TSCA EXCAVATION IS COMPLETELY BACK FILLED
WITH AQUABLOK, AND USE 85 LB/CF OF AQUABLOK REQUIRED BASED ON
VENDOR PROVIDED INFORMATION, VOLUME ADDED TO TOTAL CAPPED AREA
-AGGREGATE CALCULATED FROM TOTAL TONS OF AQUARIUM MINUS AGGREGATE

650 Suffolk Street
Suite 200
Lowell, MA 01854
Phone: 978.970.5600

24-26 --- ATTACHED XREFS: Supplemental Samples 2-23 to 25-04; In-Situ Characterization 2-23 to 25-04; Supplemental Samples 3-29-04; Supplemental Samples 4-05 to 06-04; Supplemental Samples 4-19-04; Supplemental Samples 4-28-04; Supplemental Samples 5-24 to 26-04 --- ATTACHED IMAGES: BORINGS: CHART1; CHART2; CHART3; PEMBERKE[?]; Utility Image;

1.0 PLACEMENT OF AQUABLOK - 2080 FW (AQUABLOK)

STEEL FRAMEWORK

- FABRIC SEALING MEMBRANE ("LINER"):**


- REMOVAL:

CHECK ALL DISTURBED BOTTOM AREAS FOR OBJECTS LEFT. ALL COMPONENTS MUST BE ACCOUNTED FOR.

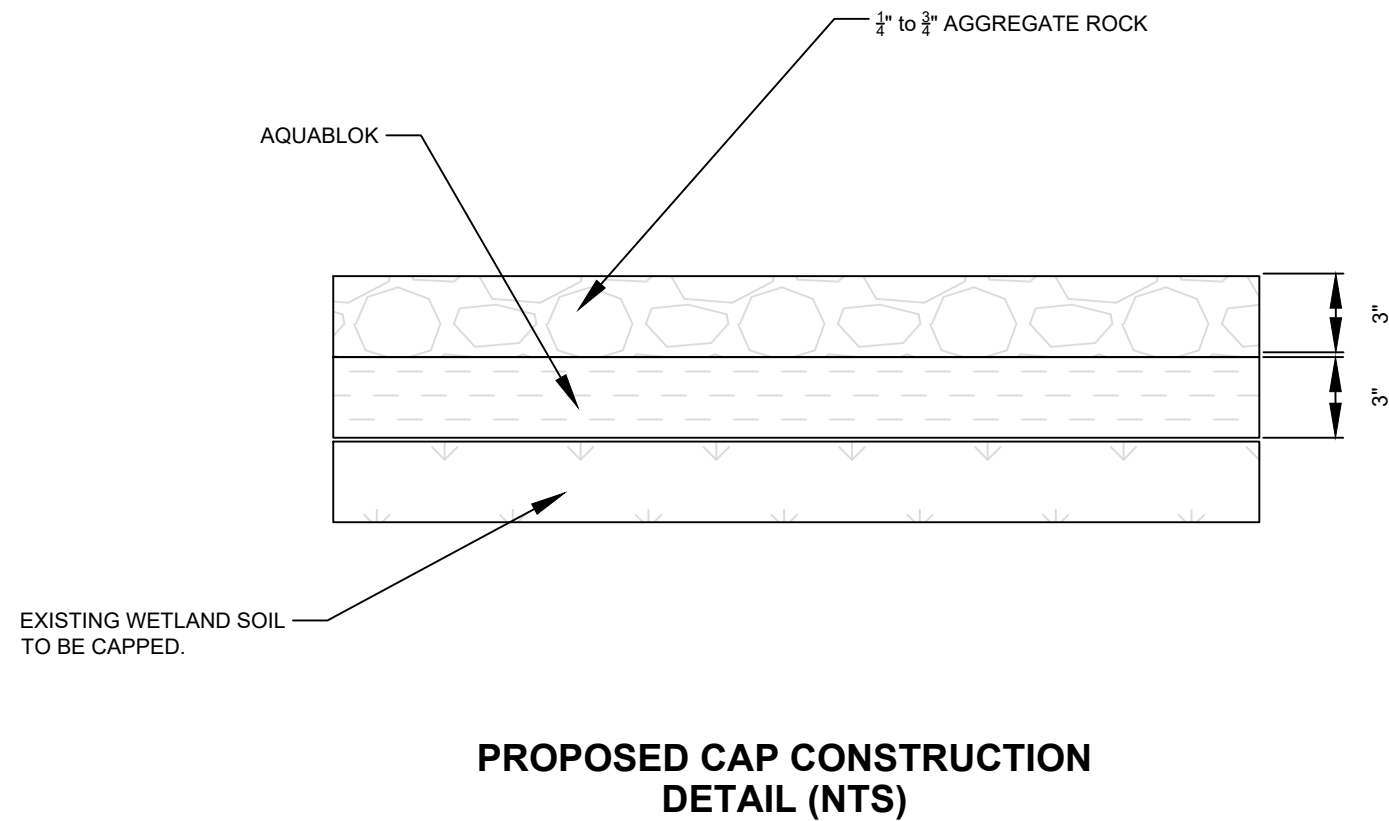
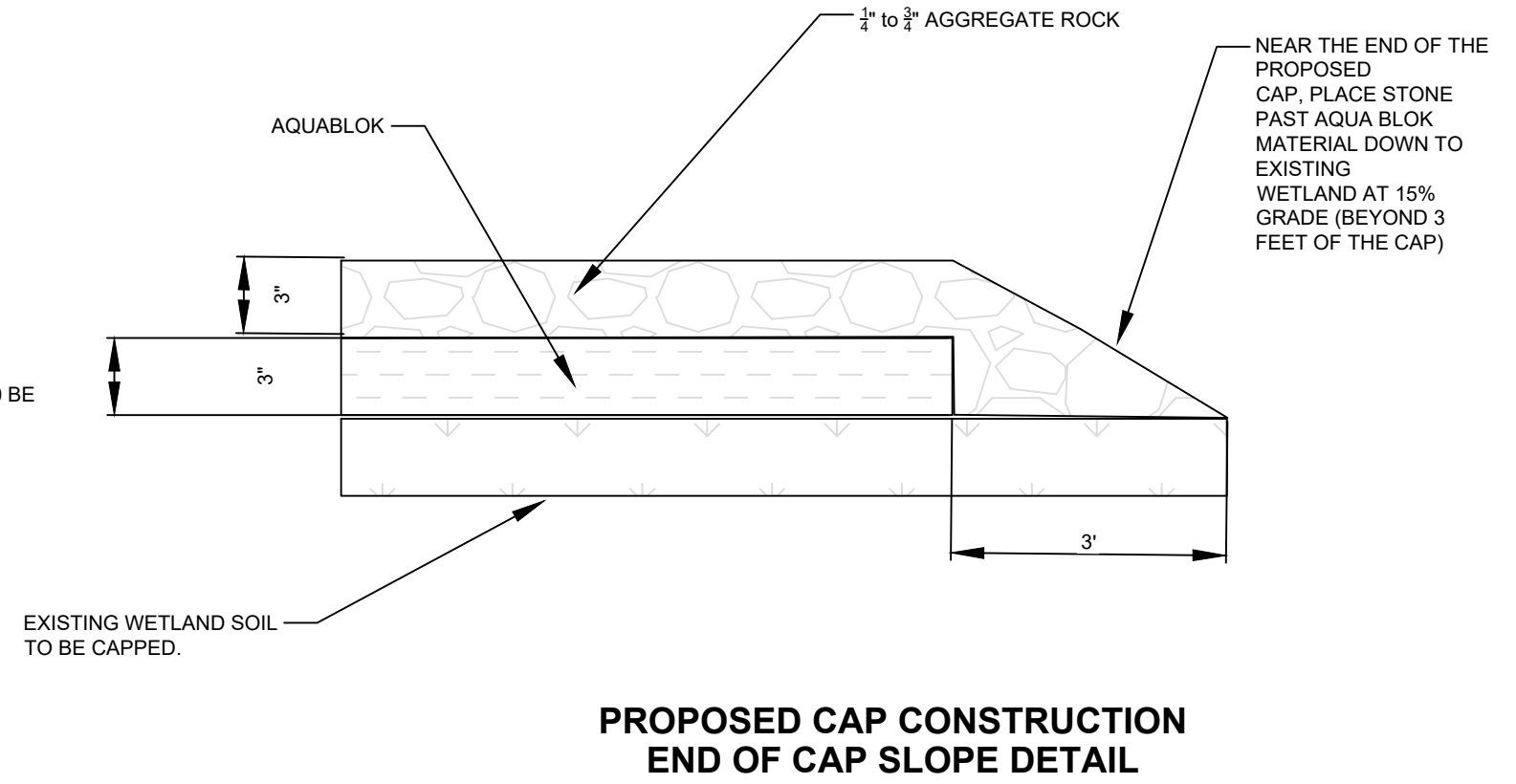
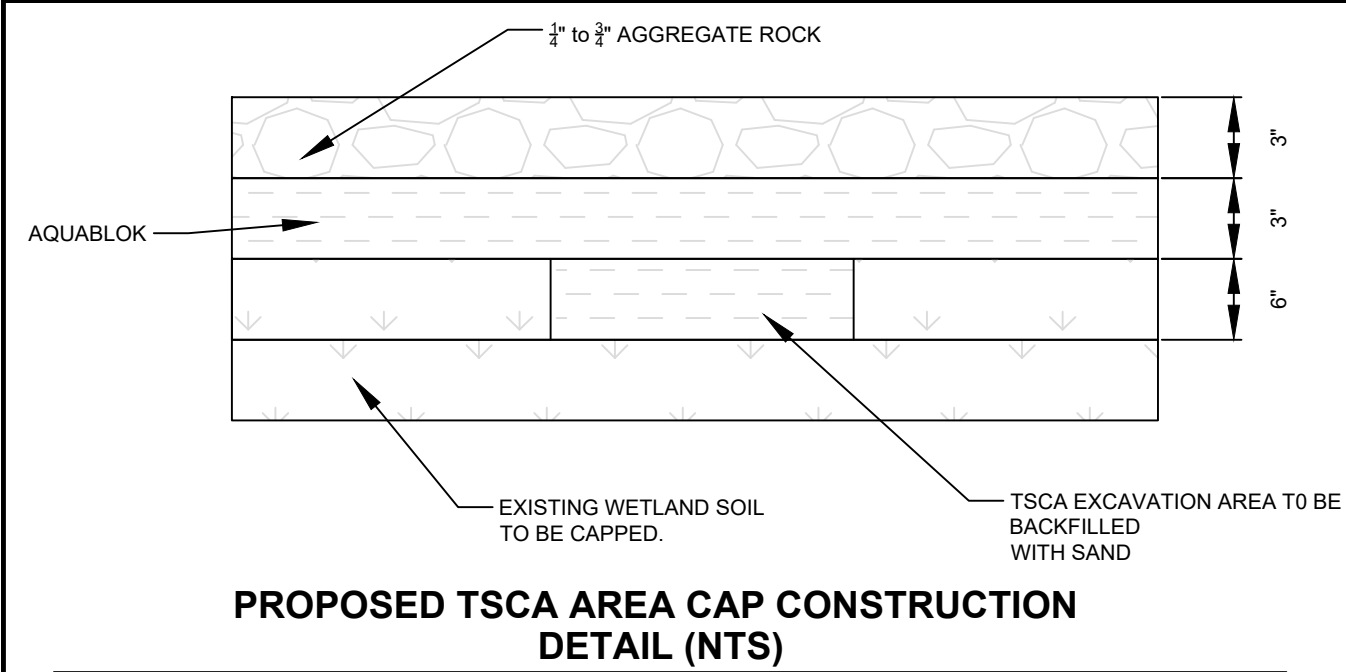
1. UNDER THE INSTRUCTION OF THE ONSITE PORTA-DAM TECHNICIAN SOME FRAMES MAYBE FEET TALL WHICH WILL REQUIRE APPROXIMATELY 30 FEET OF LINER SHEETING, OTHERWISE ALL FIVE FOOT FRAMES WILL REQUIRE 14 FEET OF LINER MEMBRANE.
2. AQUABLOK WILL BE PLACED OVER EXISTING ROOTS (OR ANY OTHER ABOVE GRADE OBSTRUCTIONS) AT 2X THE MINIMUM THICKNESS TO ENSURE TO ENSURE THAT NOTHING WILL PROTRUDE THROUGH THE CAP LAYER.

LEGEND

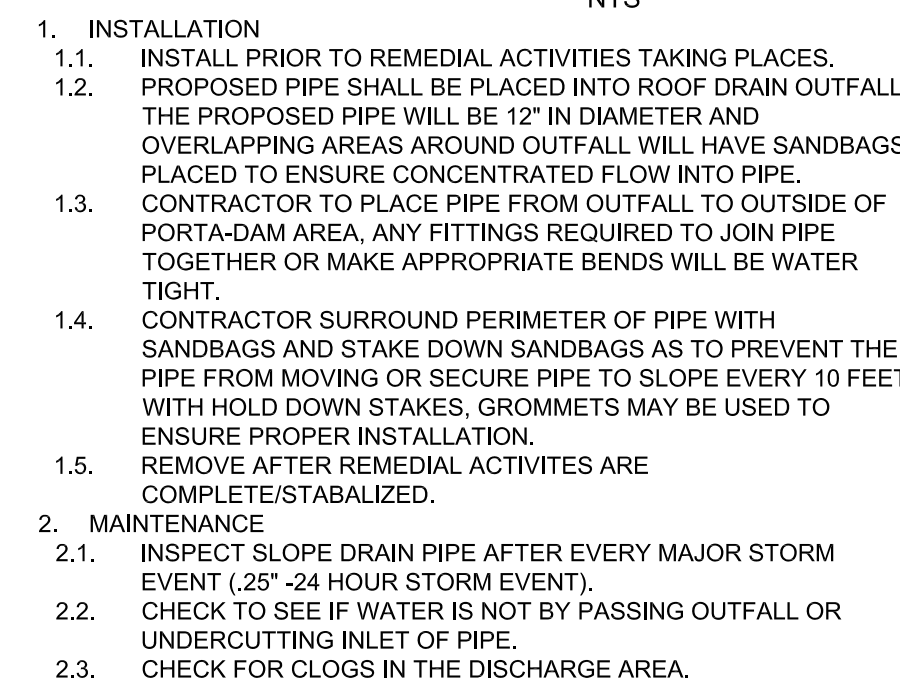
- HORIZONTAL SCALE IN FEET
-
- 0 3 6
- 0 3 6
- VERTICAL SCALE IN FEET

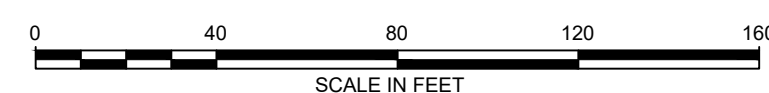
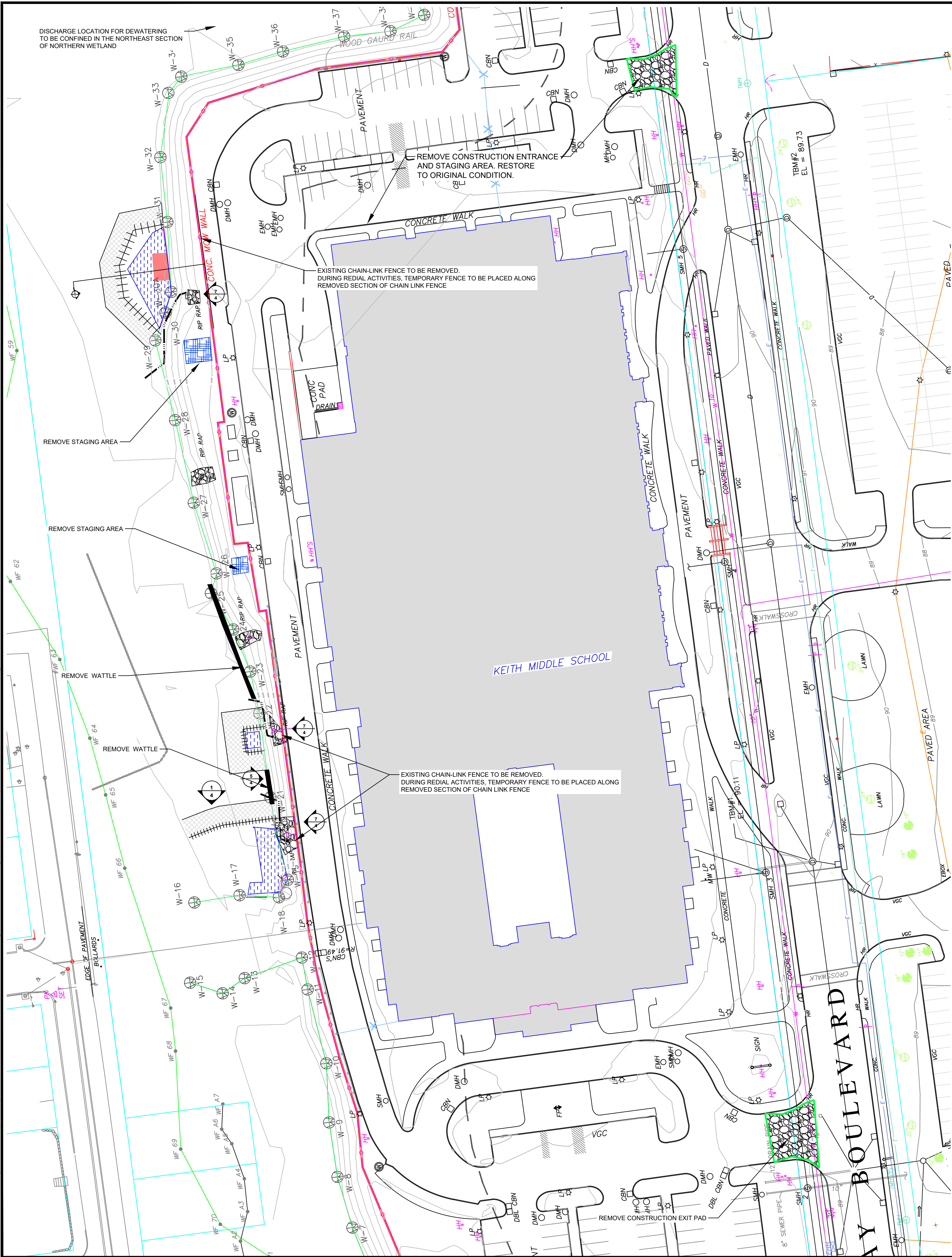
PROJECT:		KEITH MIDDLE SCHOOL WETLAND NEW BEDFORD, MASSACHUSETTS	
TITLE:		PORTA-DAM CROSS SECTION DETAIL	
DRAWN BY:	RI	PROJ. NO.:	281331
CHECKED BY:	JD	DRAWING-2	
APPROVED BY:	DS		
DATE:	JULY 2017		
		650 Suffolk Street Suite 200 Lowell, MA 01854 Phone: 978.970.5600	
FILE NO.:		Figure4_Draftmemo.dwg	


11x17 -- ATTACHED XREFS: Supplemental Samples 4.30.04, In-Situ Characterization 2.23 to 25.04, Supplemental Samples 3.25.04, Supplemental Samples 4.05 to 06.04, Supplemental Samples 4.15.04, Supplemental Samples 4.28.04, Supplemental Samples 5.24 to 26.04 -- ATTACHED IMAGES: BORINGS: CHART1, CHART2, CHART3, PEBROCKE1; Utility Image: DRAWING NAME: J:\Projects\115058 - New Bedford\Phase IV Kils Wetland\CAD\Figure4_Draftmemo.dwg -- PLOT DATE: January 08, 2018 - 1:39PM -- LAYOUT: Cap Construction.



PROJECT: KEITH MIDDLE SCHOOL WETLAND NEW BEDFORD, MASSACHUSETTS		
TITLE: CAP CONSTRUCTION DETAIL		
DRAWN BY: RI	PROJ NO.: 281331	DRAWING-3
CHECKED BY: JD		
APPROVED BY: DS		
DATE: SEPTEMBER 2017		
		650 Suffolk Street Suite 200 Lowell, MA 01854 Phone: 978.970.5600
FILE NO.:		Figure4_Draftmemo.dwg





PROJECT:		KEITH MIDDLE SCHOOL WETLAND NEW BEDFORD, MASSACHUSETTS	
TITLE: FINAL CONDITIONS MAP			
DRAWN BY:	RI	PROJ. NO.:	281331
CHECKED BY:	JD	DRAWING-5 650 Suffolk Street Suite 200 Lowell, MA 01854 Phone: 978.970.5600	
APPROVED BY:	DS		
DATE:	SEPTEMBER 2017		
			
FILE NO.:		Figure4_Draftmemo.dwg	