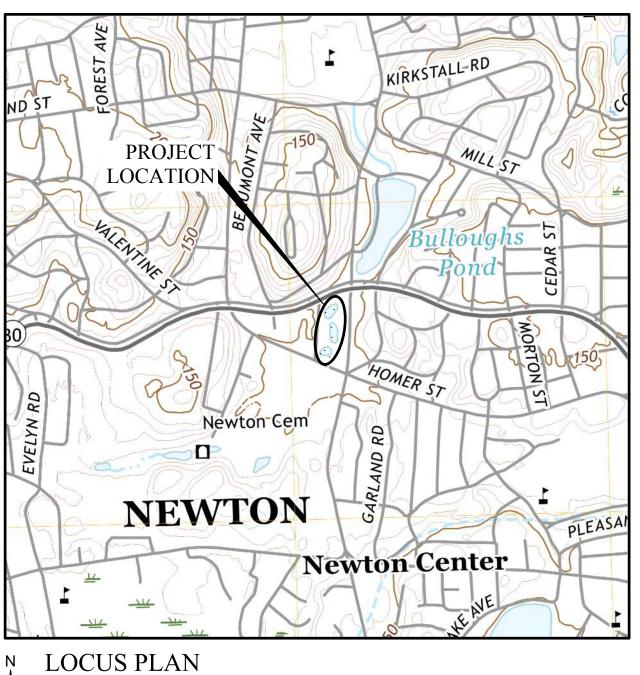
CITY HALL PONDS MAINTENANCE DREDGING PROJECT NEWTON CENTRE, MASSACHUSETTS

DRAWING LIST:

COVER SHEET

- C-1 EXISTING CONDITIONS
- C-2 EXISTING POND BOTTOM CONTOURS AND SEDIMENT SAMPLING LOCATIONS
- C-3 ESTIMATED BOTTOM OF SEDIMENT CONTOURS
- C-4 REPRESENTATIVE POND CROSS SECTIONS
- C-5 POND PROFILES
- C-6 EROSION AND SEDIMENT CONTROL & CONTROL OF WATER PLAN
- C-7 POND RESTORATION
- C-8 CULVERT CLEANING PLAN AND DETAILS
- S-1 EXISTING BRIDGE ABUTMENT CONDITIONS
- S-2 EXISTING ARCH BRIDGE ELEVATION AND SECTION
- S-3 BRIDGE ABUTMENT REPAIR DETAILS
- S-4 ARCH BRIDGE ABUTMENT/FOOTING REPAIR ELEVATION

September, 2020 Revised March, 2021 ISSUED FOR BIDDING OCTOBER 13, 2022



CITY OF NEWTON DEPARTMENT OF PUBLIC WORKS

RUTHANNE FULLER, MAYOR



CITY HALL PONDS NEWTON, MASSACHUSETTS U.S.G.S. Newton Quad

1" = 1000'

JAMES McGONAGLE, COMMISSIONER OF PUBLIC WORKS

PREPARED FOR:

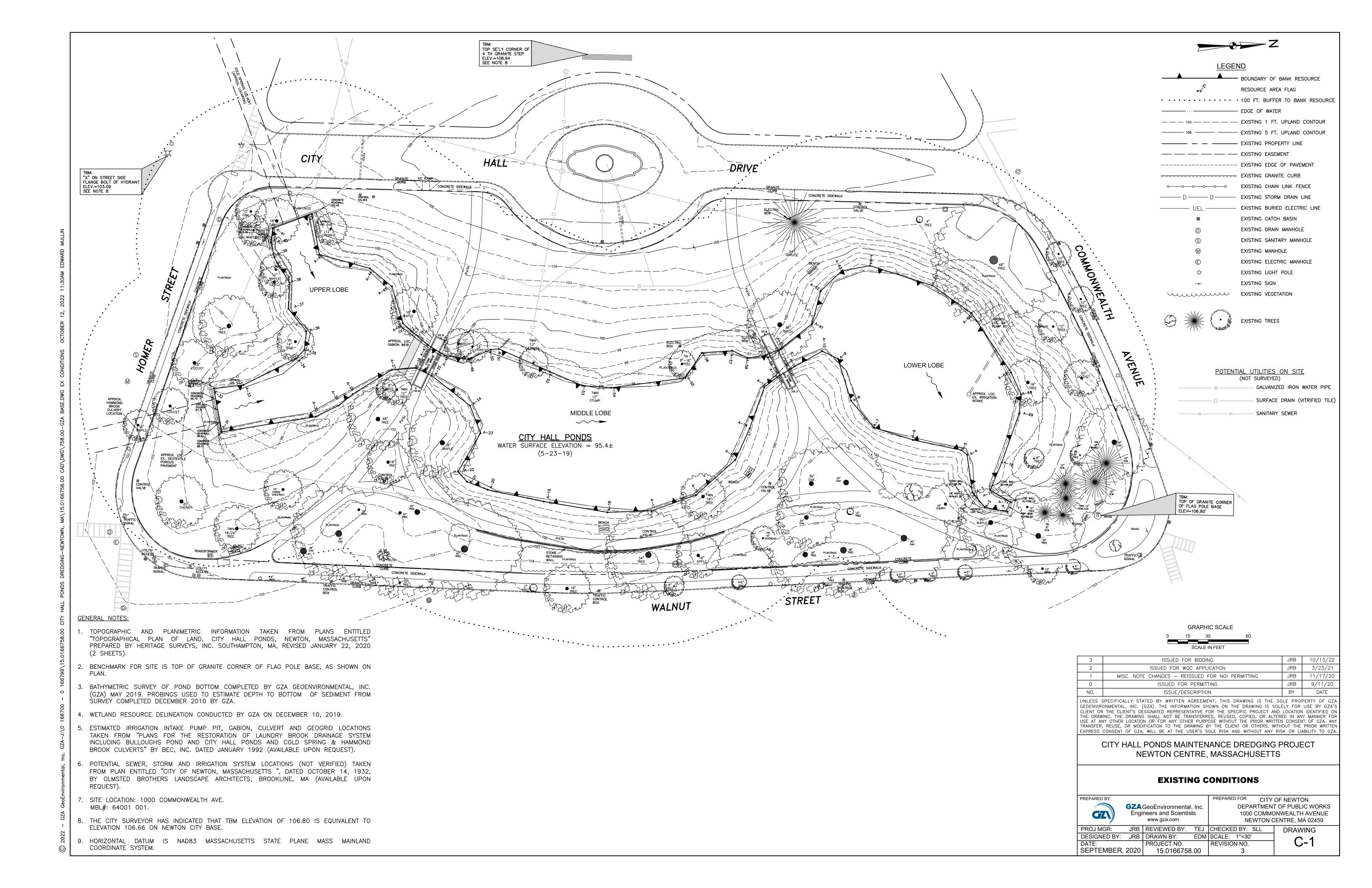
City of Newton Dept. of Public Works 1000 Commonwealth Avenue Newton Centre, MA 02459

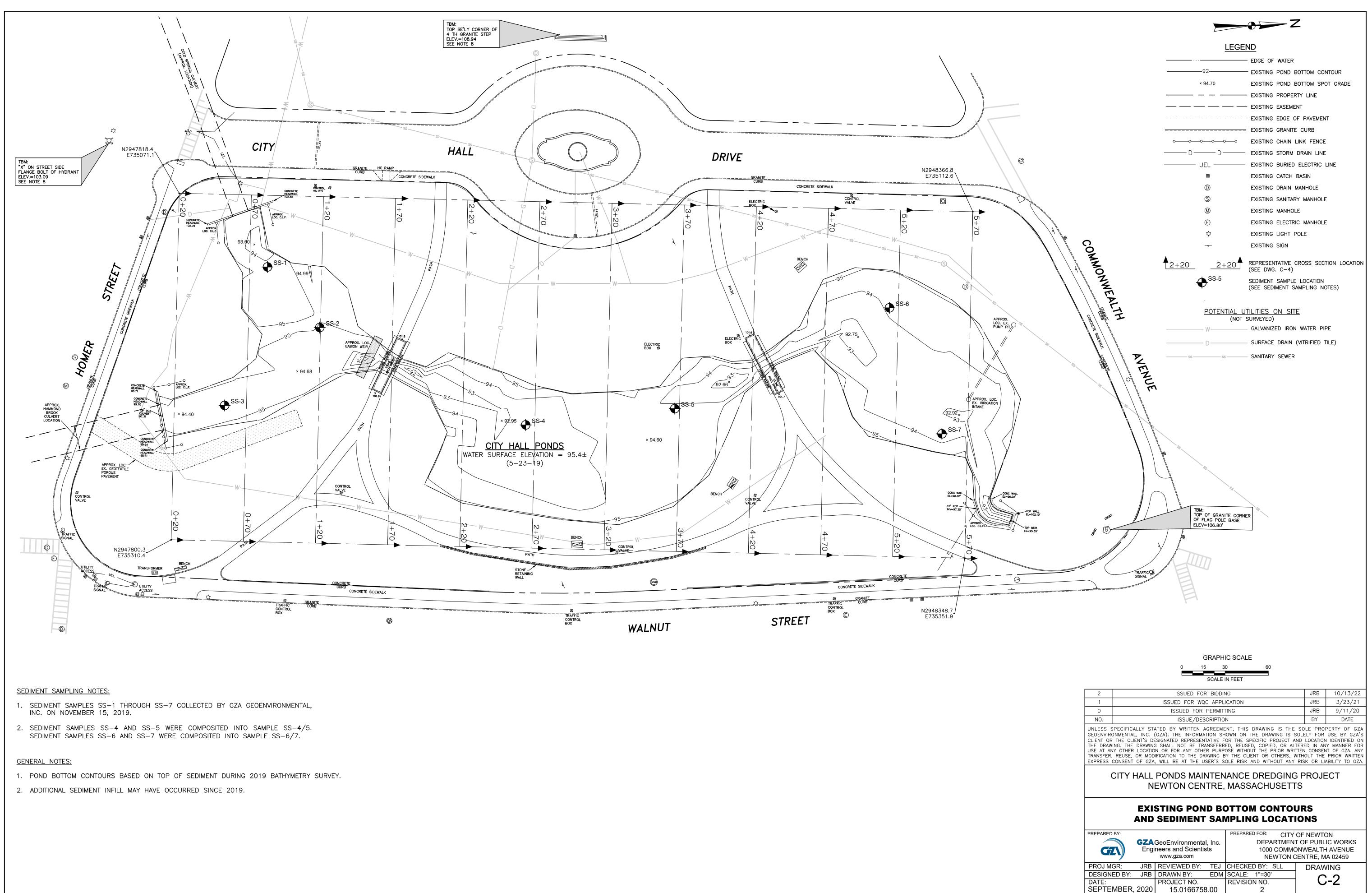


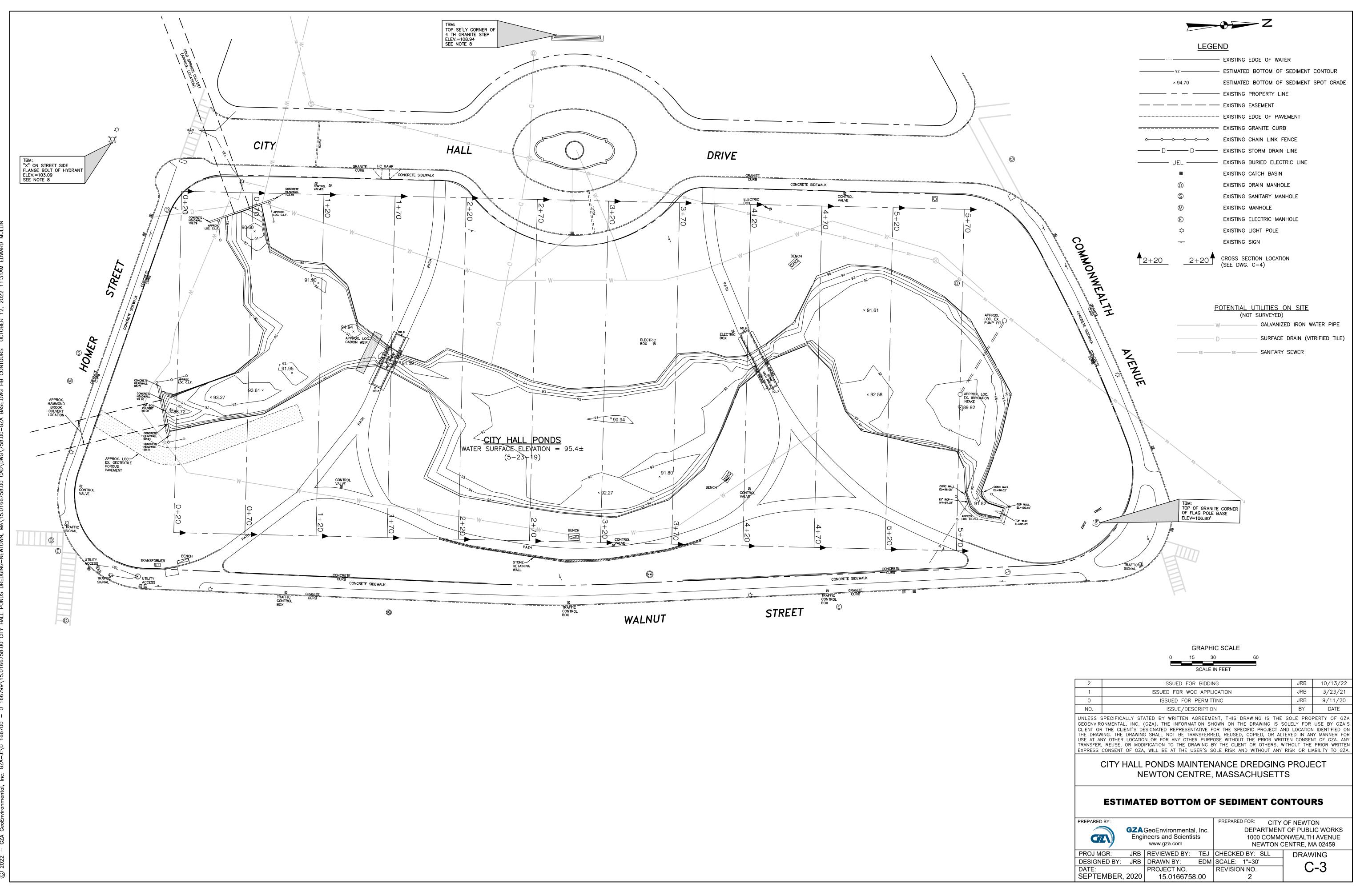
GZA GeoEnvironmental, Inc. Engineers and Scientists

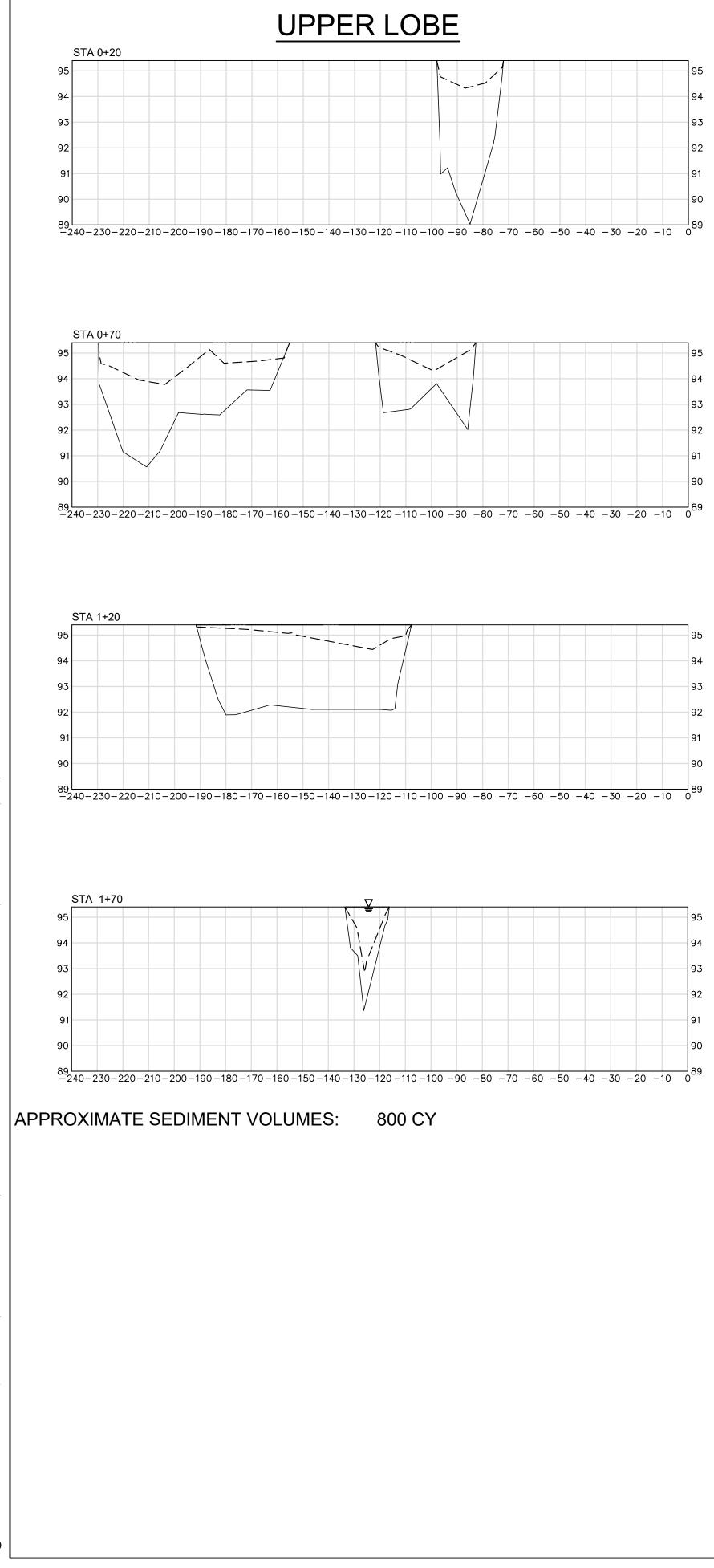
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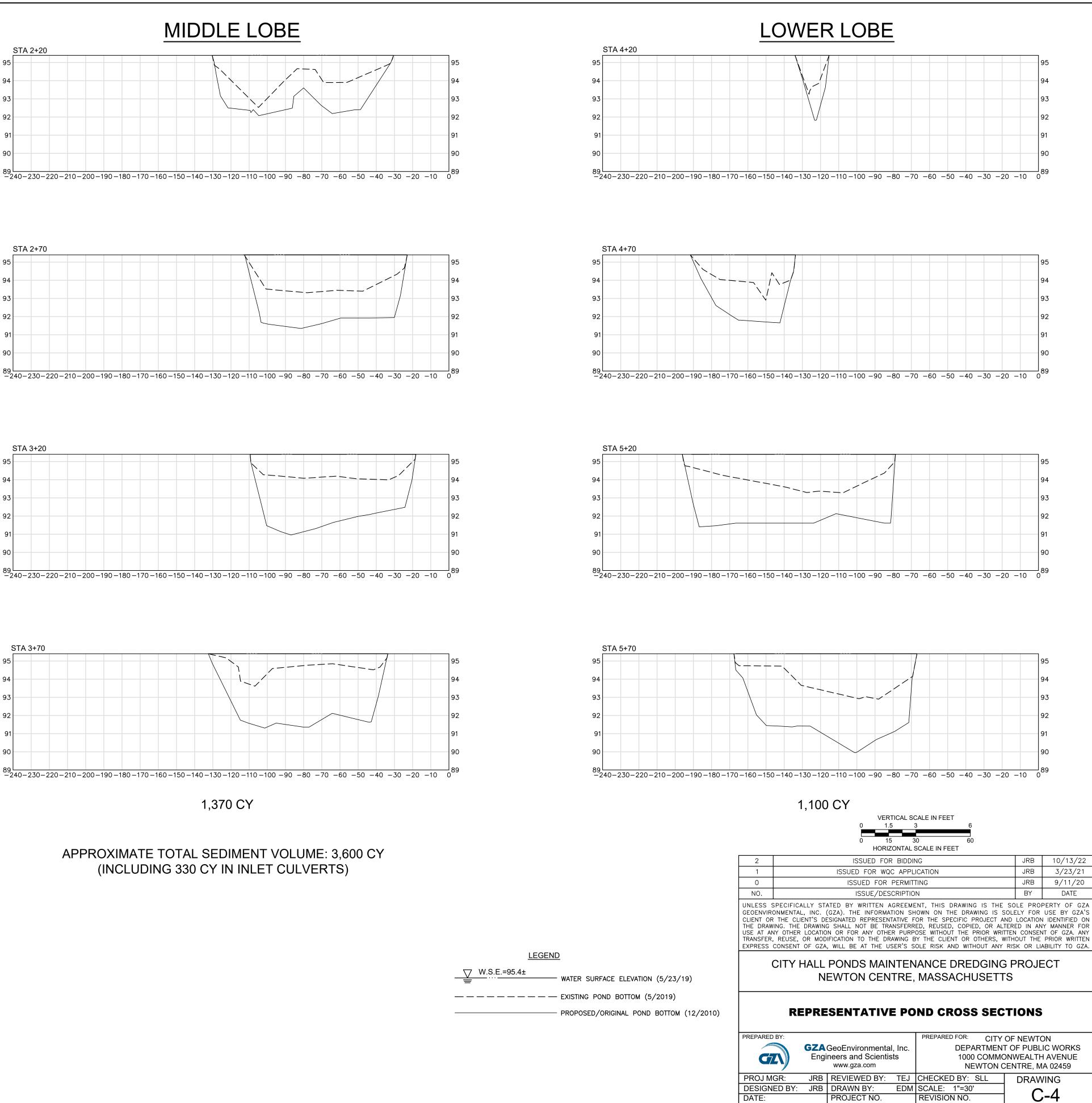








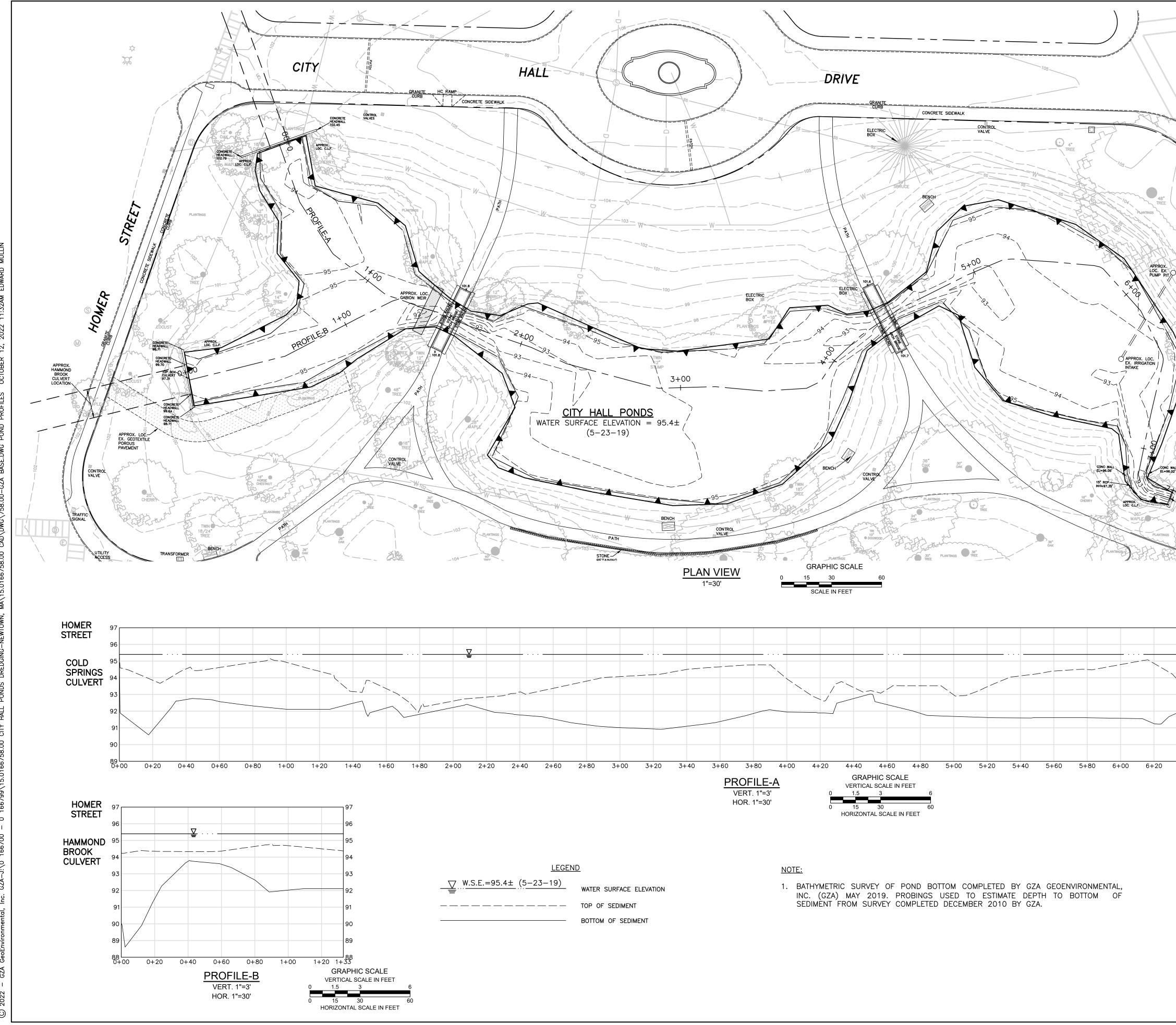




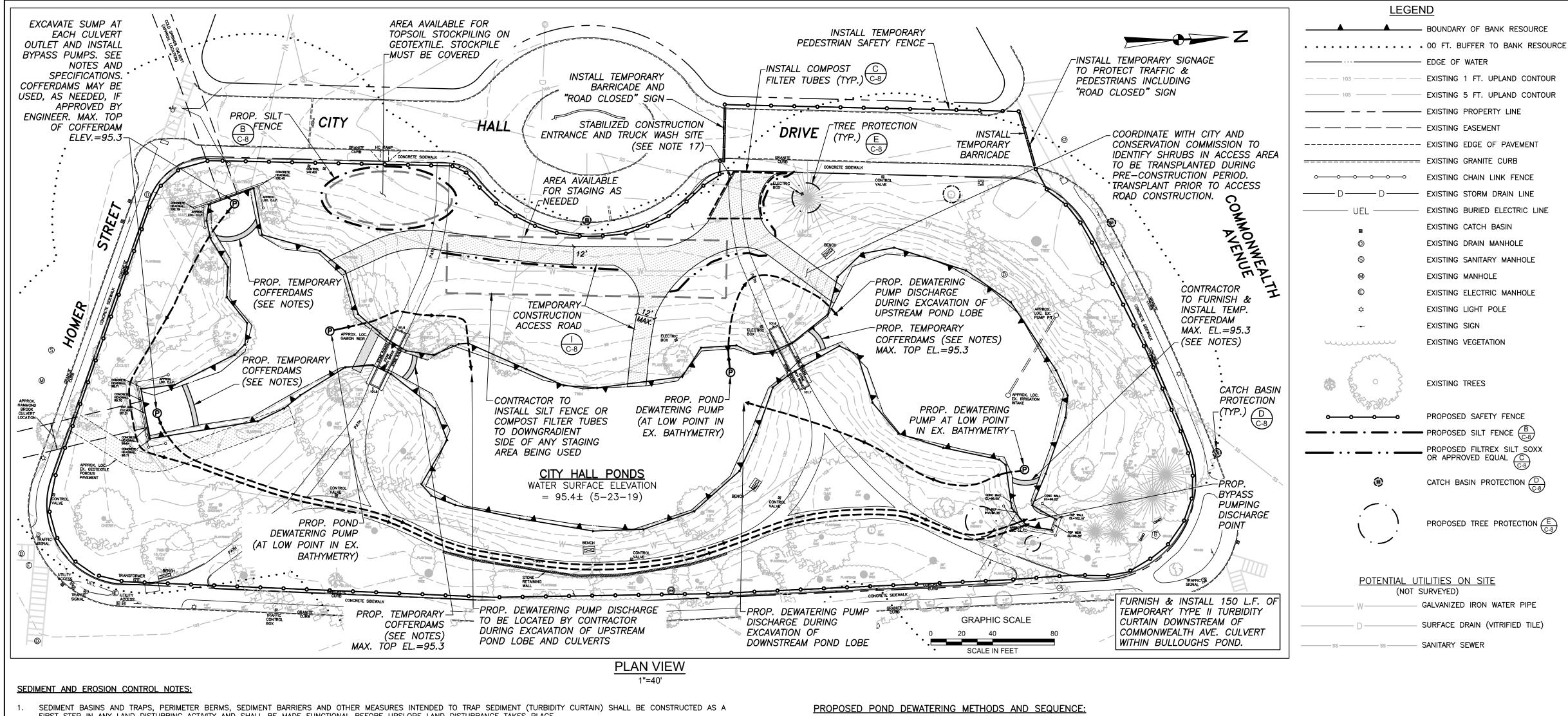
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- FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCE TAKES PLACE.
- THE CONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE SEDIMENT AND EROSION CONTROL PLAN PRIOR TO BEGINNING ANY OTHER LAND DISTURBANCES. SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREAS IS DIRECTED TO THE SEDIMENT CONTROL DEVICES. AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROL MEASURES UNTIL THE AREAS DRAINING TO THEM ARE FINAL STABILIZED. THE CONTRACTOR SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN EFFECTIVE OPERATING CONDITION ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIME AS THEY ARE REMOVED. CONDUCT INSPECTIONS AND REPORTING IN ACCORDANCE WITH ALL PERMITS.
- IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE CONTRACTOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES (BMPS) TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION. THE CONTRACTOR SHALL INSTALL AND MAINTAIN, AT NO ADDITIONAL COST TO THE OWNER, ANY ADDITIONAL EROSION CONTROL MEASURES DEEMED NECESSARY FOR PERMIT COMPLIANCE BY THE CONTRACTOR, THE OWNER AND/OR THEIR REPRESENTATIVES, OR BY FEDERAL/STATE/LOCAL GOVERNMENT INSPECTORS.
- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH APPLICABLE PUBLISHED STANDARDS AND SPECIFICATIONS AND THE "MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS: A GUIDE FOR PLANNERS, DESIGNERS, AND MUNICIPAL OFFICIALS" (MA DEP, MAY 2003)
- A CONSTRUCTION ENTRANCE FOR THIS PROJECT IS MANDATORY TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC THOROUGHFARES. THE CONTRACTOR SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO TRAVERSED PUBLIC THOROUGHFARES. ALL MATERIALS DEPOSITED ONTO PUBLIC THOROUGHFARES SHALL BE REMOVED IMMEDIATELY
- ALL SEDIMENT BASINS, TRAP EMBANKMENTS, SWALES, PERIMETER DIKES, AND PERMANENT SLOPES STEEPER OR EQUAL TO 3:1 SHALL BE STABILIZED WITH LOAM AND SOD. OR OTHER APPROVED STABILIZATION MEASURES, COMMENCING IMMEDIATELY WHEN WORK IS COMPLETE AND COMPLETING THE WORK WITHIN 14 CALENDAR DAYS OF INITIATION OR 7 DAYS IF THE TOTAL AREA DISTURBED ONSITE IS MORE THAN 5 ACRES AT ANY TIME OR IF THE SITE HAS DISCHARGES TO SEDIMENT OR NUTRIENT IMPAIRED WATERS OR TO A TIER 2, 2.5, OR 3 WATER, AS DISCUSSED IN THE SWPPP. NO AREAS OUTSIDE OF THE PERIMETER SEDIMENT CONTROL BARRIER OR LIMIT OF WORK SHALL BE DISTURBED. THE CONTRACTOR SHALL APPLY LOAM AND SOD, OR OTHER APPROVED STABILIZATION MEASURES TO ALL UPLAND LAWN DISTURBED AREAS IMMEDIATELY UPON CESSATION OF ACTIVITY AND SHALL COMPLETE THE EFFORT WITHIN 14 CALENDAR DAYS AFTER STRIPPING AND GRADING ACTIVITIES HAVE CEASED ON THAT AREA, UNLESS SHORTER TIMELINES APPLY TO THE SITE DUE TO THE ITEMS INDICATED IN #6 ABOVE (LARGER AREAS OF DISTURBANCE, DISCHARGES TO IMPAIRED OR HIGH QUALITY WATERS, ETC.). MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION.
- TEMPORARY STOCKPILES WHICH HAVE NOT BEEN USED FOR 14 CALENDAR DAYS, SHALL BE TEMPORARILY STABILIZED THROUGH THE APPLICATION OF SEED AND MULCH, OR OTHER APPROVED STABILIZATION MEASURES.
- ALL CATCH BASINS OR OTHER DRAIN INLETS WHICH MAY RECEIVE STORMWATER FROM DISTURBED AREAS SHALL BE PROVIDED WITH SUITABLE INLET PROTECTION CONSISTING OF AN OPEN-TOP FILTER FABRIC BAG THAT IS DESIGNED TO HANG UNDERNEATH A STORM GRATE TO FILTER SEDIMENT-LADEN STORMWATER.
- 10. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE DIRECTED TO FIBER MATS, NETTING, RIPRAP, OR NATURALLY OCCURRING COVER TO MINIMIZE EROSION FROM DISCHARGE VELOCITY DURING WORK IN ALL THREE POND LOBES. EFFLUENT FROM DEWATERING OPERATIONS BEING DISCHARGED TO AREAS WHICH HAVE ALREADY BEEN DREDGED SHALL BE PUMPED EITHER TO SEDIMENT TANKS, SEDIMENT BAGS, AND/OR SEDIMENT TRAPS FOR SEDIMENT REMOVAL PRIOR TO DISCHARGE. DEWATERING SHALL BE PERFORMED IN ACCORDANCE WITH THE "MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS: A GUIDE FOR PLANNERS, DESIGNERS, AND MUNICIPAL OFFICIALS" AND IN A MANNER THAT DOES NOT ADVERSELY AFFECT AREAS OUTSIDE OF THE LIMIT OF WORK.
- TEMPORARY SEDIMENT TRAP(S) SHALL BE CLEANED OUT AND RESTORED TO ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO A POINT ONE HALF (1/2) THE DEPTH BETWEEN THE OUTLET CREST AND THE BOTTOM OF THE TRAP. 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER
- SPRINKLING, CALCIUM CHLORIDE, OR OTHER EFFECTIVE MEANS OF CONTROL. 13. ALL WASTE MATERIALS GENERATED AT THE SITE SHALL BE IMMEDIATELY REMOVED AND DISPOSED OF OR STORED IN A SECURELY-COVERED CONTAINER IN ACCORDANCE WITH
- LOCAL AND STATE REGULATIONS. CONTAINER SHALL BE EMPTIED ON A REGULAR BASIS AND AS NECESSARY. NO CONSTRUCTION WASTE OR DEBRIS SHALL BE BURIED ONSITE. 14. FOR FINISHED GRADING, THE CONTRACTOR SHALL PROVIDE ADEQUATE GRADIENTS SO AS TO PREVENT WATER FROM STANDING ON THE SURFACE OF LAWNS MORE THAN 24 HOURS AFTER THE END OF A RAINFALL, EXCEPT IN DESIGNATED DRAINAGE COURSES AND SWALE FLOW AREAS WHICH MAY DRAIN AS LONG AS 48 HOURS AFTER THE END OF A RAINFALL, AND PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS OR OPENINGS.
- 15. PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES THE CONTRACTOR SHALL STABILIZE ALL CONTRIBUTORY DISTURBED LAWN AREAS USING LOAM AND SOD. AREAS BROUGHT TO FINISHED GRADE DURING THE GROWING SEASON SHALL BE PERMANENTLY STABILIZED IMMEDIATELY WITH EFFORTS COMPLETED WITHIN 14 CALENDAR DAYS OF ESTABLISHMENT UNLESS MORE STRINGENT STABILIZATION DEADLINES APPLY TO THE SITE, AS DISCUSSED IN THE SWPPP. WHEN PROPERTY IS BROUGHT TO FINISHED GRADE DURING THE MONTHS WHEN PERMANENT STABILIZATION IS FOUND TO BE IMPRACTICAL, AN APPROVED TEMPORARY SEED AND STRAW ANCHORED MULCH OR OTHER ACCEPTABLE MEANS SHALL BE APPLIED TO DISTURBED AREAS, WITH FINAL STABILIZATION WITH SOD IN SPRING.
- TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE REMOVED WITHIN (30) CALENDAR DAYS FOLLOWING ESTABLISHMENT OF PERMANENT STABILIZATION IN ALL CONTRIBUTORY DRAINAGE AREAS. STORMWATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CLEANED AND CONVERTED TO THEIR PERMANENT CONFIGURATION WITHIN THIS TIME PERIOD AS WELL. ALL STORM DRAINAGE STRUCTURES, SUMPS, AND PIPES SHALL BE CLEANED OF ALL SEDIMENTS PRIOR TO FINAL PAYMENT. CONTRACTOR SHALL ESTABLISH "TRUCK WASH SITES" TO PROVIDE LOCATIONS FOR TRUCK TIRE RINSING TO PREVENT/REDUCE SEDIMENT TRACKING ONTO PAVED ROADWAYS. WASH SITES SHALL INCLUDE EFFECTIVE WHEEL WASHER SYSTEMS / RACKS AND SHALL USE PRESSURE-SPRAYED WATER TO REMOVE MUD, SOIL, AND ROCK FROM VEHICLES EXITING THE SITE. CONTRACTOR SHALL PROVIDE DESIGN, SETUP, MAINTENANCE, AND OPERATION OF RINSE STATIONS IN ACCORDANCE WITH THE PROJECT SWPPP, NPDES CGP, AND ALL OTHER PERMITS. NO SOAPS, DETERGENTS, OR SOLVENTS SHALL BE USED. DESIGN AND OPERATION OF WASH SITES SHALL ENSURE THAT DRAINAGE FROM THE WHEEL WASH AREAS LEADS TO A TRAP, SILT FENCE, OR OTHER BMP FOR SETTLING. IN ADDITION, STREET SWEEPING SHALL BE CONDUCTED AS NEEDED TO IMMEDIATELY REMOVE ANY SEDIMENT FROM ROADWAY SURFACES.

<u>STEP IA.</u> CONDUCT INITIAL DEWATERING OF CITY HALL PONDS BY INSTALLATION OF PUMP IN LOWER LOBE OF CITY HALL PONDS AND DECANTING CLEAN WATER FROM ABOVE LEVEL OF SEDIMENTS IN ALL THREE LOBES. TURBID WATER AND SEDIMENTS SHALL NOT BE DISCHARGED DOWNSTREAM DURING THIS PROCESS.

STEP IB. EXCAVATE SUMPS AT THE TWO CULVERT OUTLETS INTO THE POND. SUMPS SHALL BE LINED WITH GEOTEXTILE FABRIC AND WASHED STONE. CONSTRUCT COFFERDAMS AT THESE LOCATIONS, WITH MAXIMUM ELEVATION = 95.3 FT.

STEP 1C. INSTALL COFFERDAM AT DOWNSTREAM END OF POND, IN APPROXIMATE LOCATION SHOWN ON PLANS. ELEVATION OF COFFERDAM SHALL NOT EXCEED 95.3 FT. CONTRACTOR MAY SELECT COFFERDAM MATERIALS, TO BE ACCEPTED BY ENGINEER. INSTALL HAMMOND BROOK AND COLD SPRINGS CULVERT BYPASS PUMPS AND BEGIN PUMPING CLEAR WATER TO THE PROPOSED OUTLET POINT PRIOR TO THE POND OUTLET.

DURING A DRY WEATHER PERIOD. EXCAVATE SEDIMENTS FROM WITHIN THE HAMMOND BROOK AND COLD SPRINGS STEP IIA. DURING THE PERIOD OF SEDIMENT EXCAVATION FROM EACH CULVERT. FLOWS FROM THAT CULVERT WILL BE CULVERTS. REDIRECTED TO THE POND BASIN AREA RATHER THAN THE DOWNSTREAM DISCHARGE POINT, TO PREVENT MOBILIZATION OF SEDIMENTS DOWNSTREAM DURING CULVERT EXCAVATION. ONCE CULVERT CLEANING IS COMPLETED AND REVIEWED BY THE ENGINEER, BYPASS PUMPING MAY RESTART FROM THAT CULVERT.

STEP IIB. __WITH BYPASS PUMPS AND DOWNSTREAM COFFERDAM IN PLACE, CONTRACTOR SHALL CONTINUE TO DEWATER THE POND LOBES AS NEEDED THROUGH THE CONSTRUCTION PERIOD BY INSTALLING POND DEWATERING PUMPS IN THE THREE LOBES AS EXCAVATION PROGRESSES. AS DESCRIBED IN THE FOLLOWING SUGGESTED SEQUENCE. DEWATERING PUMPS WITHIN THE POND SHALL BE SET IN SUMPS LINED WITH GEOTEXTILE FABRIC AND SURROUNDED BY WASHED STONE. SUMPS SHALL NOT BE DEEPER THAN THE HISTORICAL POND BOTTOM OR THE EXTENTS SHOWN ON THE PLANS, WHICHEVER IS ENCOUNTERED FIRST. ALL WORK WITHIN THE POND SHOULD PROGRESS FROM UPSTREAM TO DOWNSTREAM.

DURING THE PERIOD OF EXCAVATION OF SEDIMENTS FROM THE UPPER POND LOBE, DEWATERING PUMP <u>Step_ IIIA.</u> DISCHARGES SHOULD BE DIRECTED TO THE NEXT DOWNSTREAM POND LOBE (THE MIDDLE LOBE) FOR SETTLING. TEMPORARY COFFERDAM MAY BE CONSTRUCTED NEAR THE MORE UPSTREAM PEDESTRIAN BRIDGE, IN A LOCATION SELECTED BY THE CONTRACTOR AND ACCEPTED BY THE ENGINEER.

STEP IIIB. DURING THE PERIOD OF EXCAVATION OF SEDIMENTS FROM THE MIDDLE POND LOBE, DEWATERING PUMP DISCHARGES SHOULD BE DIRECTED TO THE MOST DOWNSTREAM POND LOBE FOR SETTLING. TEMPORARY COFFERDAM MAY BE CONSTRUCTED NEAR THE MORE DOWNSTREAM PEDESTRIAN BRIDGE, IN A LOCATION SELECTED BY THE CONTRACTOR AND ACCEPTED BY THE ENGINEER.

STEP IIIC. DURING THE PERIOD OF EXCAVATION OF SEDIMENTS FROM THE MOST DOWNSTREAM POND LOBE. DEWATERING PUMP DISCHARGES SHOULD BE DIRECTED UPGRADIENT TO THE MIDDLE POND LOBE AND PROVIDED WITH SEDIMENT CONTROLS (DEWATERING BAG ETC) TO PREVENT SEDIMENT FROM ENTERING PREVIOUSLY DREDGED AREA.

STEP IVA. CONTINUE DEWATERING USING THE POND DEWATERING PUMPS AND BYPASS PUMPS THROUGHOUT THE PROJECT.

STEP IVB. DURING DRY WEATHER, INFLOW TO THE POND WILL BE BYPASSED BY THE TWO BYPASS PUMPS. OTHER INFLOW WILL COLLECT IN LOW LYING AREAS. THE CONTRACTOR SHALL OPERATE THE POND DEWATERING PUMPS AS NEEDED TO PUMP FLOWS TO OTHER POND LOBES. NO DEWATERING PUMP DISCHARGE DIRECTLY TO DOWNSTREAM AREAS WILL BE ALLOWED. NO TURBID DISCHARGES TO THE POND OUTLET AND DOWNSTREAM AREAS WILL BE ALLOWED. ALL DISCHARGE REQUIREMENTS OF PROJECT PERMITS MUST BE MET.

STEP IVC. DURING WET WEATHER, THE CONTRACTOR SHALL MINIMIZE THE RISE OF WATER WITHIN THE POND BY CONTINUING TO BYPASS PUMP AND BY USING THE DEWATERING PUMPS. IF INCOMING FLOW EXCEEDS THE CONTRACTOR'S CAPACITY TO PUMP OR TO TREAT DEWATERING DISCHARGES, CONTRACTOR SHALL REMOVE EQUIPMENT AND MACHINERY FROM THE POND AND ALLOW FLOW TO REFILL THE POND AND TO PASS OVER THE COFFERDAM AND DOWNSTREAM.

STEP IVD. ALL MATERIALS USED IN THE CONSTRUCTION OF COFFERDAMS SHALL BE REMOVED AT THE END OF THE PROJECT. ALL AREAS DISTURBED BY PUMPS, PIPELINES, ACCESS, AND OTHER MATERIALS/ACTIVITIES ASSOCIATED WITH CONTROL OF WATER SHALL BE RESTORED TO PRECONSTRUCTION CONDITION OR BETTER AT THE END OF THE PROJECT.

STORMWATER PERMIT NOTES:

- BOUNDARY OF BANK RESOURCE EDGE OF WATER
- EXISTING 1 FT. UPLAND CONTOUR
- EXISTING 5 FT. UPLAND CONTOUR
- ----- EXISTING PROPERTY LINE

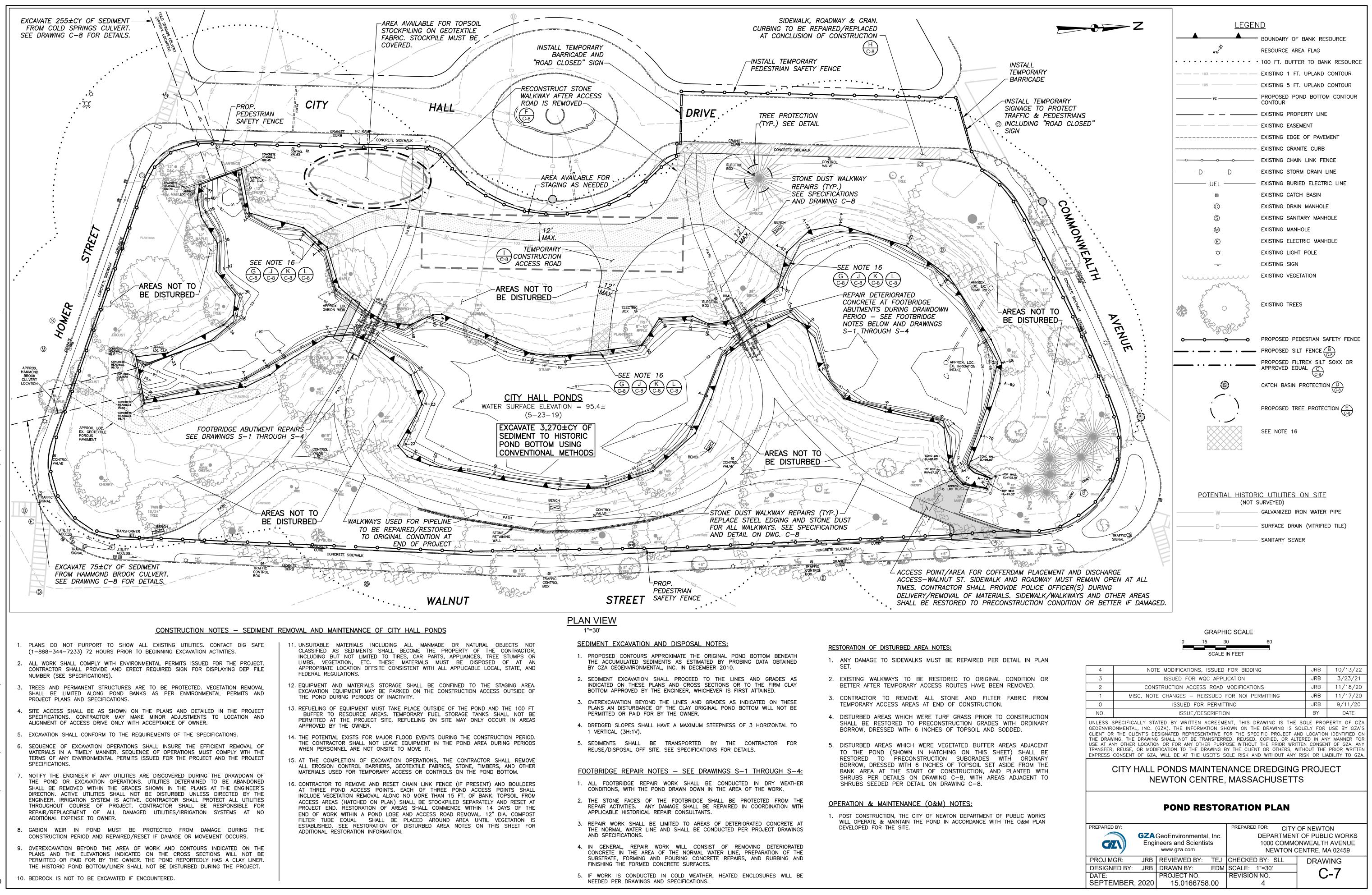
 - EXISTING CHAIN LINK FENCE
 - EXISTING STORM DRAIN LINE
 - EXISTING BURIED ELECTRIC LINE
 - EXISTING CATCH BASIN
 - EXISTING DRAIN MANHOLE
 - EXISTING SANITARY MANHOLE
 - EXISTING MANHOLE
 - EXISTING ELECTRIC MANHOLE
 - EXISTING LIGHT POLE
 - EXISTING SIGN
 - EXISTING TREES
 - PROPOSED SAFETY FENCE
 - PROPOSED SILT FENCE $\left(\begin{array}{c} B \\ C \\ C \end{array} \right)$ PROPOSED FILTREX SILT SOXX
 - OR APPROVED EQUAL C
 - CATCH BASIN PROTECTION $\begin{pmatrix} D \\ C-8 \end{pmatrix}$
 - PROPOSED TREE PROTECTION

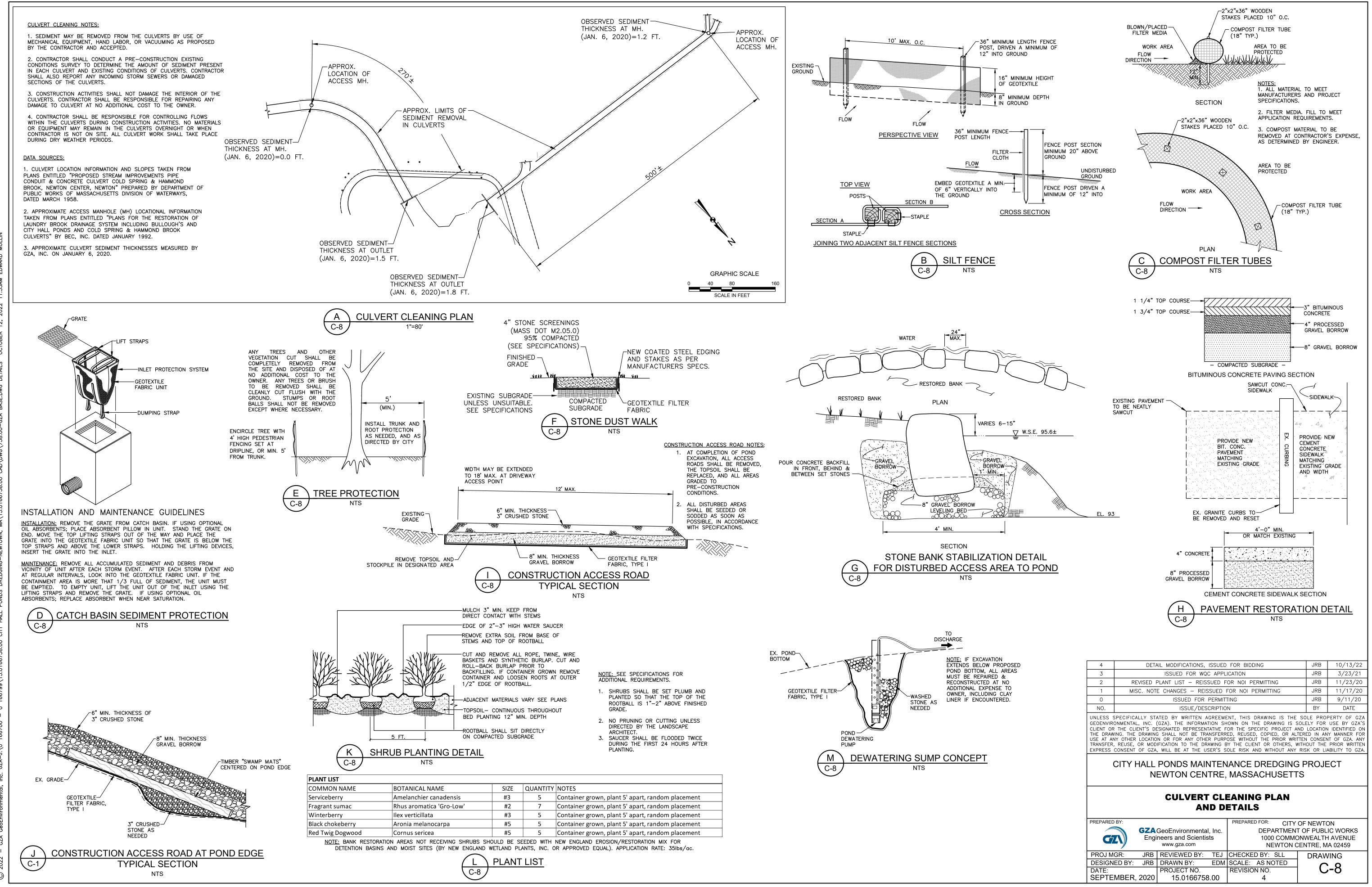
 - GALVANIZED IRON WATER PIPE
 - SURFACE DRAIN (VITRIFIED TILE)
 - SANITARY SEWER

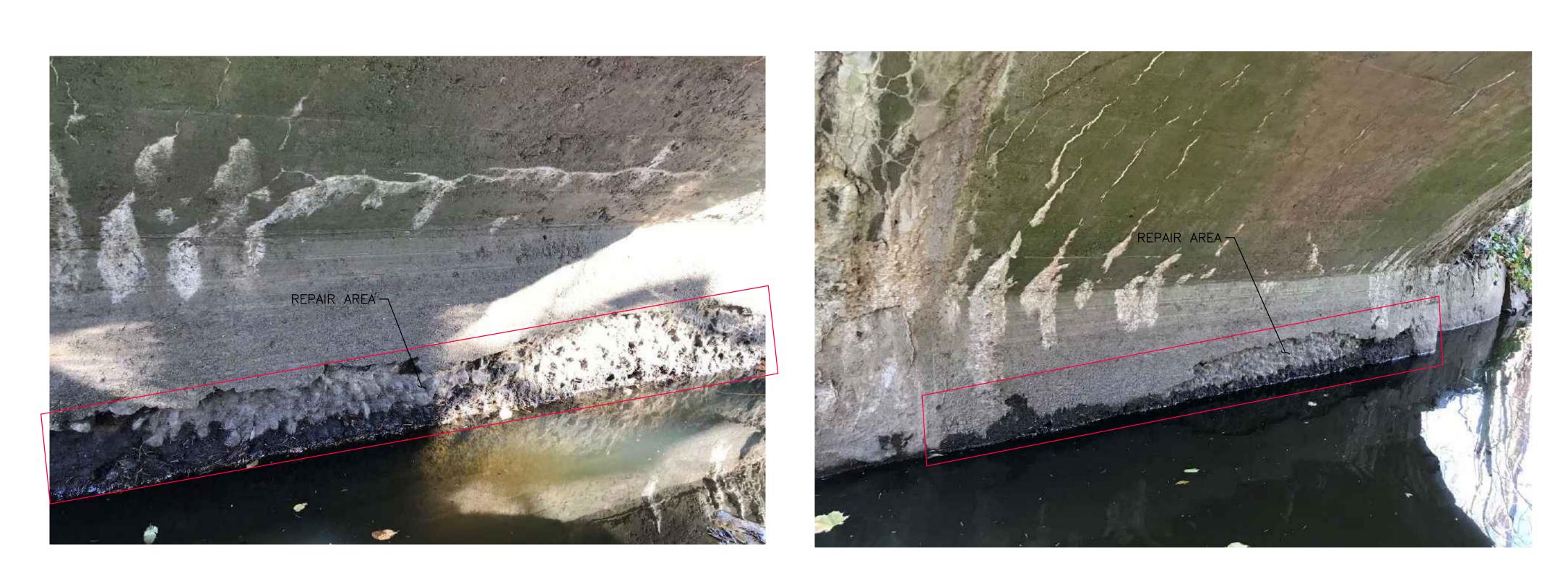
- 1. THIS PROJECT IS REGULATED UNDER THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY'S (EPA'S) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR DISCHARGES FROM CONSTRUCTION OPERATORS OF SUCH CONSTRUCTION SITES MUST MEET THE ACTIVITIES. REQUIREMENTS OF EPA'S CONSTRUCTION GENERAL PERMIT (CGP). PART OF THE CGP REQUIREMENTS IS THE PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE PROPOSED PROJECT. A SWPPP WILL BE PREPARED FOR THIS PROJECT AND WILL BE PROVIDED TO THE CONTRACTOR BY THE OWNER.
- 2. UNDER THE CONTRACT FOR THE CONSTRUCTION OF THIS PROJECT, THE CONTRACTOR SHALL BE THE OWNER'S FULL AGENT IN THE IMPLEMENTATION AND MAINTENANCE OF THE SWPPP.
- 3. TO OBTAIN COVERAGE UNDER THE CONSTRUCTION GENERAL PERMIT (CGP), A COMPLETE AND ACCURATE NOTICE OF INTENT (NOI) SHALL BE PREPARED ONLINE USING THE NET SYSTEM AND SUBMITTED TO THE ENVIRONMENTAL PROTECTION AGENCY (EPA) BY THE OWNER, THE CONTRACTOR, AND ANY APPLICABLE SUBCONTRACTORS.
- 4. THE OWNER, CONTRACTOR, AND ALL APPLICABLE SUBCONTRACTORS ARE EQUALLY RESPONSIBLE FOR COMPLYING WITH THE TERMS OF THE CGP AND FOR THE EFFECTIVE IMPLEMENTATION OF THE SWPPP. EACH PARTY FILING A NOI WILL NEED TO ADD COMPANY CONTACT INFORMATION AND TO AMEND THE SWPPP AS SITE CONDITIONS WARRANT TO MEET REQUIRED PERMIT ELEMENTS. ALL PARTIES WILL ALSO NEED TO MAINTAIN THE SWPPP DOCUMENT, CONDUCT INSPECTIONS, UPGRADE AND MAINTAIN SEDIMENT AND EROSION CONTROLS AS NEEDED, AND MEET ALL PERMIT NOTICE OF INTENT (NOI) / NOTICE OF TERMINATION (NOT) REQUIREMENTS.
- EACH CONTRACTOR AND SUBCONTRACTOR THAT HAS OPERATIONAL CONTROL OVER THE CONSTRUCTION PLANS AND/OR SPECIFICATIONS MUST SIGN THE CONTRACTOR'S CERTIFICATION FORM INCLUDED IN THE SWPPP
- IMPLEMENTATION OF THE SWPPP MUST BEGIN AT THE COMMENCEMENT OF CONSTRUCTION ACTIVITY AND MUST BE FULLY AND CONTINUALLY DOCUMENTED UNTIL FINAL STABILIZATION OF THE SITE IS COMPLETE AND A NOT IS FILED.
- 7. A SIGN MUST BE VISIBLY POSTED AT THE SITE WHICH PROVIDES NOTICE OF THE CGP, THE NPDES PERMIT ID(S), A CONTACT NAME AND PHONE NUMBER FOR OBTAINING ADDITIONAL INFORMATION, AND THE ONSITE LOCATION WHERE THE SWPPP IS STORED. AS WELL AS THE URL FOR THE SWPPP IF POSTED ONLINE. IN ADDITION, TWO STATEMENTS IDENTIFIED IN THE SWPPP REGARDING HOW TO OBTAIN MORE INFORMATION MUST BE POSTED IN THIS SIGNAGE
- 8. IT IS THE RESPONSIBILITY OF THE OWNER, CONTRACTOR AND ALL APPLICABLE SUBCONTRACTORS TO INDICATE CONSTRUCTION ACTIVITY SEQUENCING AND TIMING IN THE SWPPF
- INSPECTION AND MAINTENANCE MUST BE PERFORMED REGULARLY FOR PERMIT COMPLIANCE, AND DOCUMENTATION OF INSPECTIONS AND MAINTENANCE MUST BE APPENDED TO THE SWPPP BY THE CONTRACTOR.
- 10. WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION OPERATION, OR MAINTENANCE AT THE CONSTRUCTION SITE THAT HAS, OR COULD HAVE, A SIGNIFICANT EFFECT ON THE DISCHARGE OF STORMWATER POLLUTANTS, THE SWPPP MUST BE AMENDED BY THE CONTRACTOR.
- 11. CONTRACTOR SHALL IDENTIFY THE LOCATIONS OF THE FOLLOWING ON THE SEDIMENT AND EROSION CONTROL (S&EC) PLANS AS WELL AS ANY OTHER REQUIRED PERMIT ELEMENTS NOT SHOWN ON THE PLANS AT THE TIME OF THEIR PREPARATION (SEE CGP PERMIT SECTION :
 - CONCRETE TRUCK WASHOUT AREAS (SEE SWPPP)
 - PORTABLE SANITARY UNITS (TOILETS)
 - FUEL TANKS
 - LIMITS OF STAGING AREAS & SOIL DISTURBANCE AREAS
 - WASTE CONTAINER LOCATIONS (E.G., DUMPSTERS) • CHEMICAL, MATERIAL, EQUIPMENT, & VEHICLE STORAGE AREAS
 - SOIL STOCKPILES & CONTROLS.
- 12. IF ADDITIONAL CONTROLS OR BMPS ARE ADDED, THESE SHALL BE DEPICTED ON THE S&EC PLANS AND A DESCRIPTION ADDED TO THE SWPPP BY THE CONTRACTOR THESE NEW CONTROLS SHALL BE ADDED TO THE WEEKLY INSPECTIONS AS WELL. CONTRACTOR SHALL IDENTIFY ON THE S&EC PLANS ALL AREAS THAT HAVE UNDERGONE FINAL STABILIZATION.
- 13. UPON FINAL STABILIZATION, A NOTICE OF TERMINATION (NOT) MUST BE ELECTRONICALLY PREPARED AND SUBMITTED TO THE EPA BY ALL PARTIES WHO COMPLETED A NOI USING THE ONLINE NET SYSTEM.

- 1. CONTRACTOR SHALL SUBMIT DETAILED DEWATERING PLAN, CONSTRUCTION SEQUENCE AND SHOP DRAWINGS AND NARRATIVE DESCRIPTION OF ALL COFFERDAMS FOR ACCEPTANCE BY THE ENGINEER AND CONSERVATION COMMISSION PRIOR TO INITIATING ANY WORK ONSITE. CONTRACTOR SHALL BE AWARE THAT THE POND HAS A 2.7± SQUARE MILE WATERSHED (ACCORDING TO CITY OF NEWTON GIS MAPPING -AVAILABLE UPON REQUEST) AND THAT FLOW THROUGH THE POND IS FLASHY IN NATURE DUE TO STORMWATER INPUTS. PUMPS WILL NEED TO BE SIZED BY THE CONTRACTOR TO HANDLE INFLOWS. FLOODING POTENTIAL EXISTS AND MUST BE CONSIDERED IN THE DEWATERING AND CONTROL OF WATER PLAN. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF WATER FOR THE DURATION OF CONSTRUCTION. ALL DAMAGE CAUSED BY WATER FLOW AT THE SITE IS THE RESPONSIBILITY OF THE CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER
- 2. TEMPORARY COFFERDAMS TO BE INSTALLED BY CONTRACTOR. COFFERDAMS MAY BE CONSTRUCTED OF SUPER SACKS (OR EQUAL), EARTHEN MATERIALS, SANDBAGS, OR OTHER MATERIALS ACCEPTED BY THE ENGINEER AND CONSERVATION COMMISSION. MAX. ELEVATIONS=95.3. TEMPORARY COFFERDAMS MUST BE IN PLACE DURING EXCAVATION OF POND LOBES.

4	JRB	10/13/22				
3		ISSUED FOR WQC AP	PLICATION	JRB	3/23/21	
2	CONS	STRUCTION ACCESS ROA	D MODIFICATIONS	JRB	11/18/20	
1	MISC. NOT	E CHANGES – REISSUEI	FOR NOI PERMITTING	JRB	11/17/20	
0		ISSUED FOR PERM	ITTING	JRB	9/11/20	
NO.		ISSUE/DESCRIPT	ION	BY	DATE	
CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA. CITY HALL PONDS MAINTENANCE DREDGING PROJECT NEWTON CENTRE, MASSACHUSETTS						
EROSION AND SEDIMENT CONTROL & CONTROL OF WATER PLAN						
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com						
PROJ M	GR: JRB	REVIEWED BY: TE	J CHECKED BY: SLL	DRAW	/ING	
DESIGN	ED BY: JRB		M SCALE: 1"=40'	\sim	e e	
DATE:	MBER, 2020	PROJECT NO. 15.0166758.00	REVISION NO. C-O			
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DOWNSTREAM BRIDGE – EAST ABUTMENT



UPSTREAM BRIDGE – EAST ABUTMENT

DOWNSTREAM BRIDGE – WEST ABUTMENT



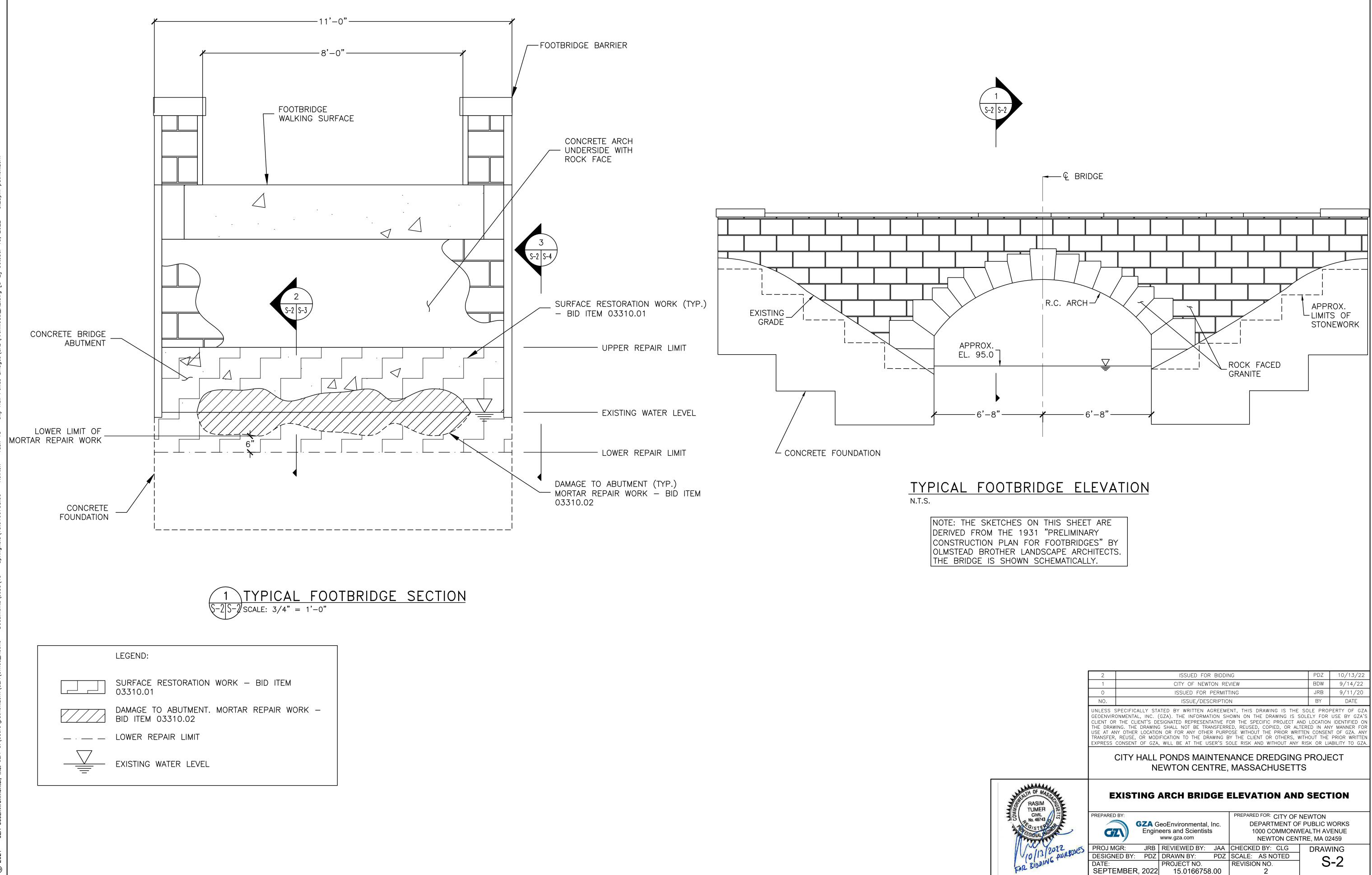
UPSTREAM BRIDGE – WEST ABUTMENT



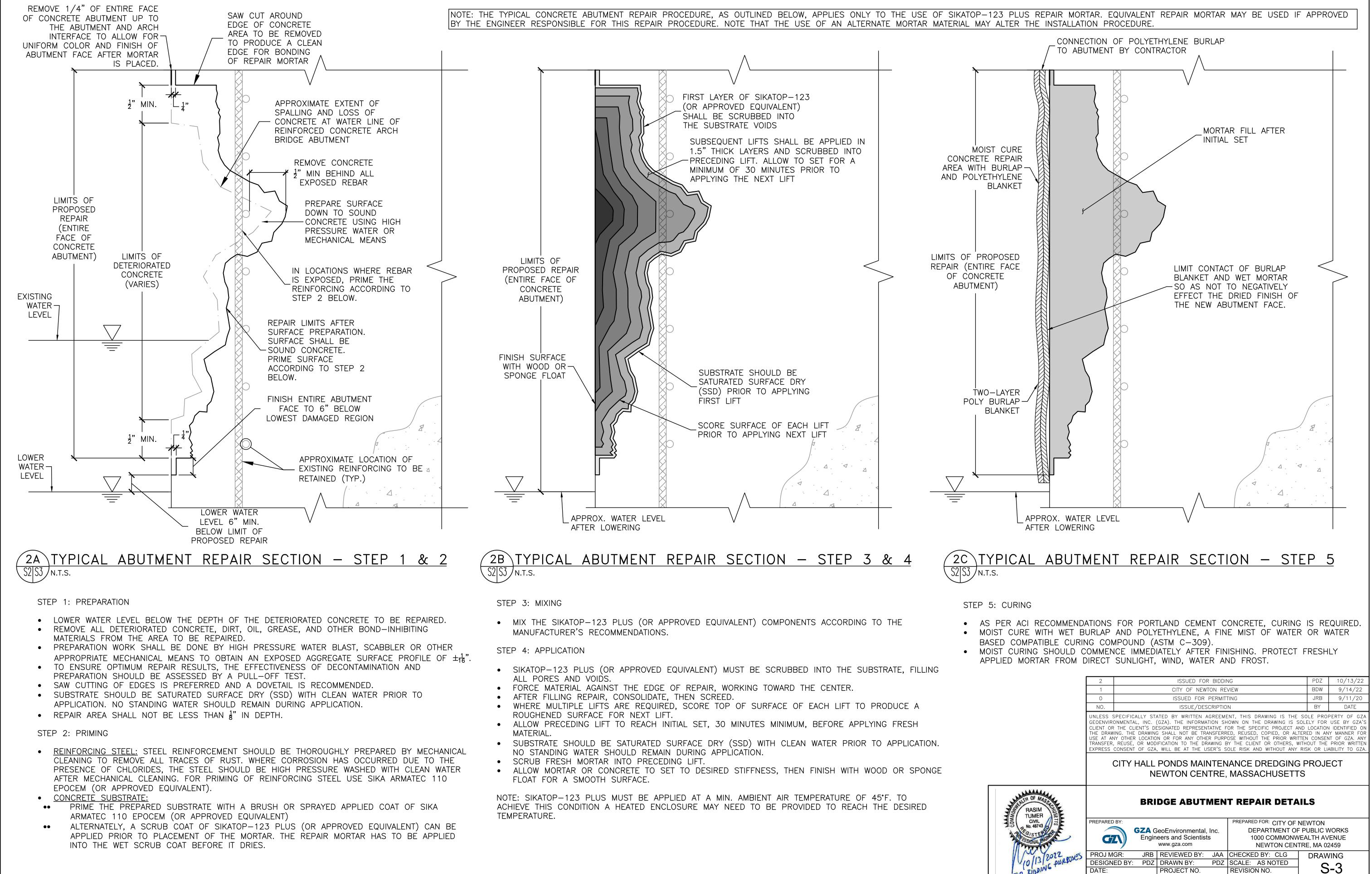
NOTE: EA	AST AND	WEST A	ABUTM	ENTS	ON
BOTH TH	E DOWNS	STREAM	AND	UPSTF	REAM
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2	ISSUED FOR BIDDING	PDZ	10/13/22				
1	CITY OF NEWTON REVIEW	BDW	9/14/22				
0	ISSUED FOR PERMITTING	JRB	9/11/20				
NO.	ISSUE/DESCRIPTION	BY	DATE				
GEOENVIR CLIENT OF THE DRAW USE AT AN TRANSFER	UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.						
	CITY HALL PONDS MAINTENANCE DREDGING PROJECT NEWTON CENTRE, MASSACHUSETTS						

	PREPARED BY:				PREPARED FOR: CITY OF NEWTON		
0	GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com			DEPARTMENT OF PUBLIC WORKS			
				1000 COMMONWEALTH AVENUE NEWTON CENTRE, MA 02459			
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0	DESIGNED BY:	PDZ	DRAWN BY:	PDZ	SCALE: AS NOTED	<u>S-1</u>	
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SEPTEMBER, 2022 15.0166758.00

