

# CITY OF NEWBURYPORT



## IN CITY COUNCIL

### ORDERED:

July 10, 2023

**WHEREAS**, on September 27, 2022, the City Council, upon the recommendation of the Community Preservation Committee, appropriated \$2,574,000 by and through ORDR00355\_05\_09\_2022, and

**WHEREAS**, this appropriation was subject to a final plan being presented to the Council for approval, and

**WHEREAS**, the plan is in final form without any substantial changes anticipated and is attached hereto and incorporated herewith and marked "Exhibit A".

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF NEWBURYPORT** hereby approves said plan in accordance with the requirement of ORDR00355\_05\_09\_2022 for the purpose of payment of costs of the Bartlet Mall Frog Pond Improvements project, including the payment of all costs incidental and related thereto.

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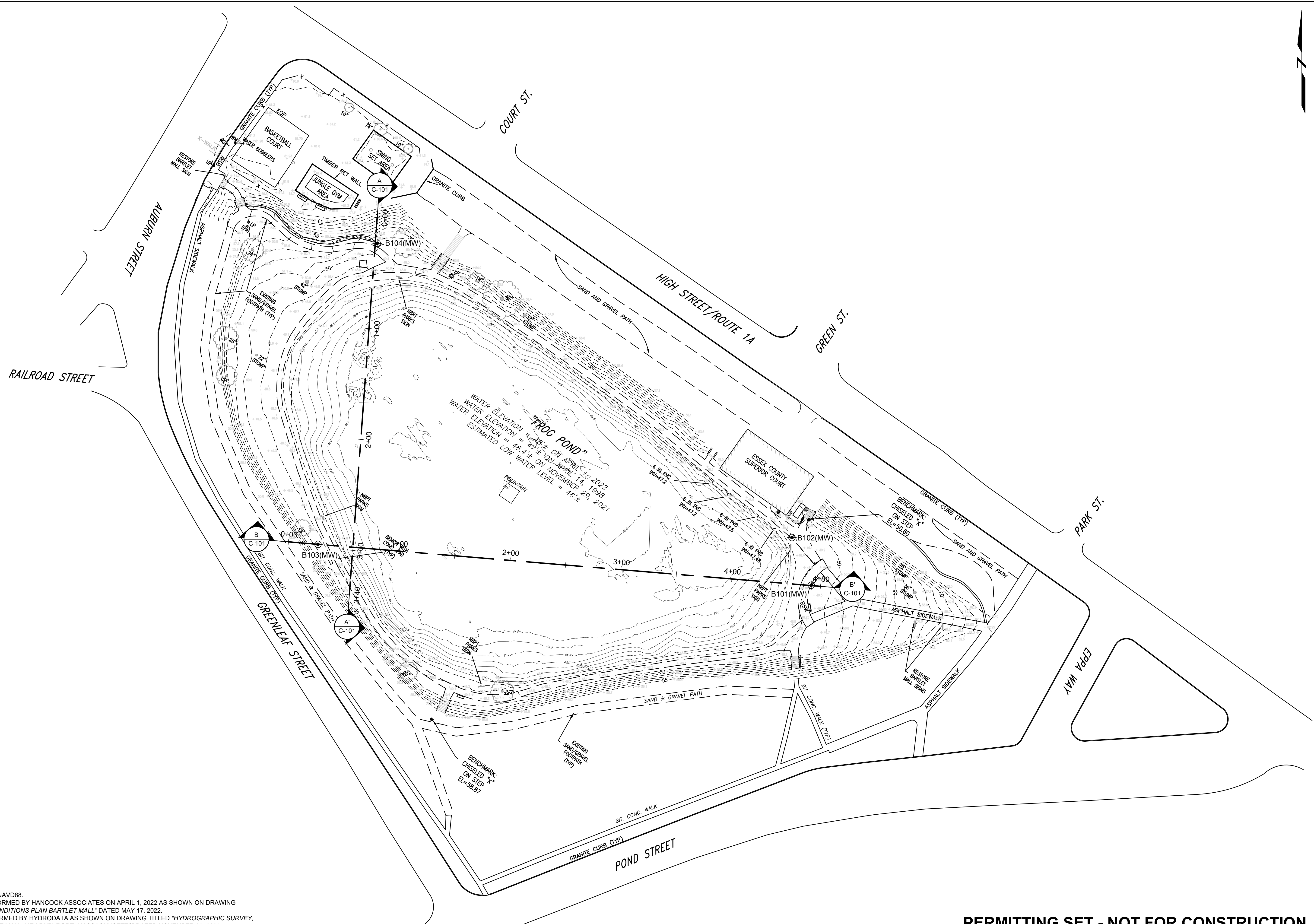
Councilor Sharif I. Zeid

### **In City Council July 10, 2023:**

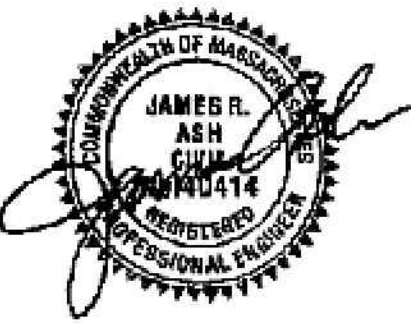
Motion to refer to Community Services and COTW by Councilor McCauley, seconded by Councilor Zeid. So voted.

**In City Council December 11, 2023:**

Motion to collectively invoke Rule 7H for ORDR00515 and ORDR00474 by Councillor McCauley, seconded by Councillor Preston. 10 yes, 1 present (Lane). So voted.



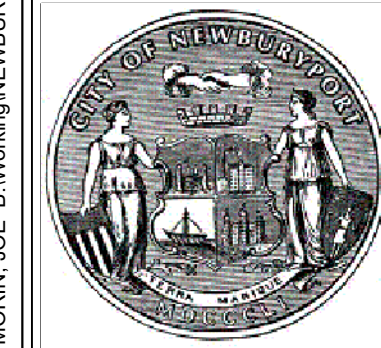
- LEGEND:**
- MONITORING WELL, GEI 2021
  - SEWER MANHOLE
  - DRAIN MANHOLE
  - CATCH BASIN
  - LIGHT POLE
  - UTILITY POLE
  - HYDRANT
  - SIGN
  - TRAFFIC SIGNAL
  - DRINKING FOUNTAIN
  - TOP OF CURB
  - BOTTOM OF CURB
  - BIT. BITUMINOUS
  - CONC. CONCRETE
  - CLF CHAIN LINK FENCE
  - DECIDUOUS TREE
  - CHAIN LINK FENCE



**SOURCE:**

1. ELEVATION DATUM: NAVD88.
2. FIELD SURVEY PERFORMED BY HANCOCK ASSOCIATES ON APRIL 1, 2022 AS SHOWN ON DRAWING TITLED "EXISTING CONDITIONS PLAN BARTLET MALL" DATED MAY 17, 2022.
3. BATHYMETRY PERFORMED BY HYDRODATA AS SHOWN ON DRAWING TITLED "HYDROGRAPHIC SURVEY, FROG POND, BARTLET MALL, NEWBURYPORT, MASSACHUSETTS" DATED NOVEMBER 29, 2021.

**PERMITTING SET - NOT FOR CONSTRUCTION**

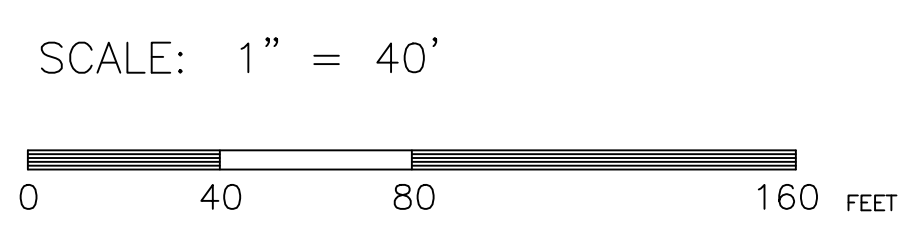


CITY OF NEWBURYPORT  
60 PLEASANT STREET  
NEWBURYPORT, MA 01950



Rev No	Date	Drawn	Chkd	Description
REVI	06/16/23	D.E.	K.W.	DRAWING SET FOR NOTICE OF INTENT
REVO	04/14/23	D.E.	K.W.	DRAWING SET FOR NOTICE OF INTENT
Revisions				

Designed By:  
D.E.  
Checked By:  
K.W.  
Date:  
04-14-2023

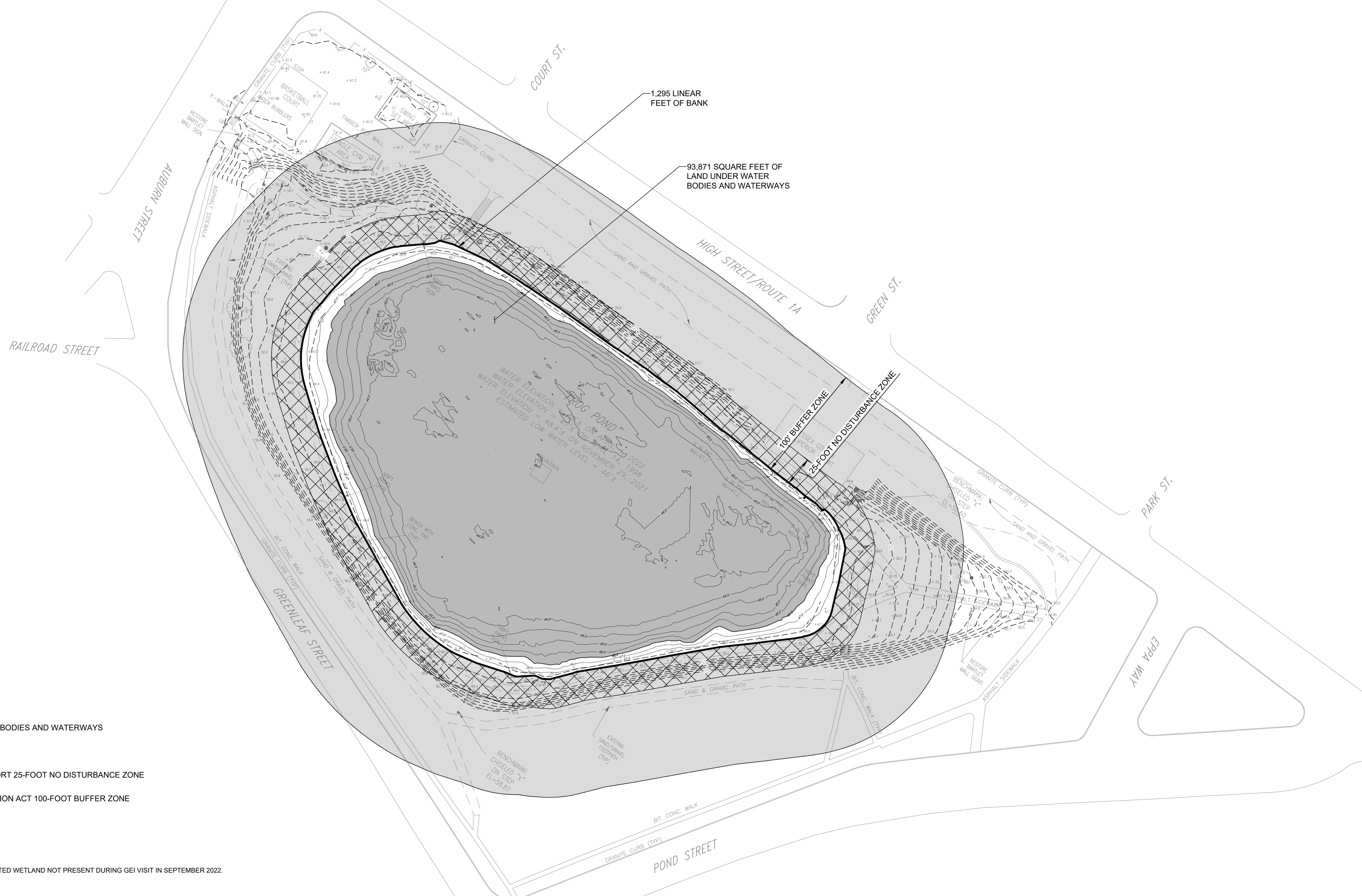


**BARTLET MALL RESTORATION PROJECT**  
**EXISTING CONDITIONS**

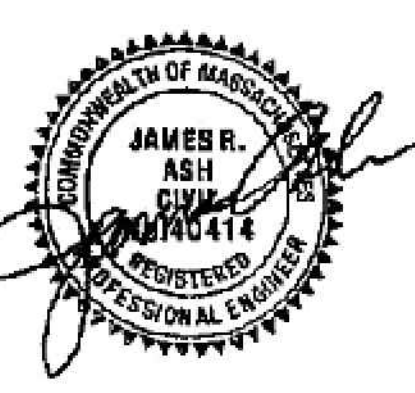
Sheet No.  
**C-100**

MORIN, JOE B. WorkingNEWBURYPORT MA, CITY OF2101333, Bartlett Mall Frog Pond00\_CADDDesign\GISD\PermitC-100\_2101333-EG.dwg - 6/19/2023





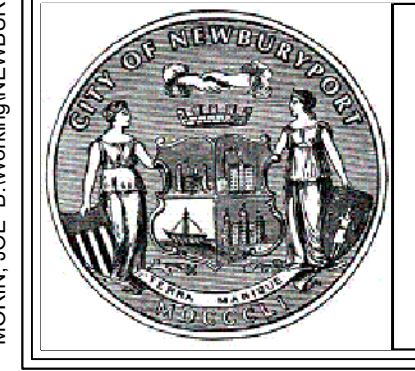
- LEGEND:**
- APPROXIMATE LAND UNDER WATER BODIES AND WATERWAYS
  - TOP OF BANK
  - APPROXIMATE CITY OF NEWBURYPORT 25-FOOT NO DISTURBANCE ZONE
  - APPROXIMATE WETLANDS PROTECTION ACT 100-FOOT BUFFER ZONE



**NOTES:**  
 1. BORDERING VEGETATED WETLAND NOT PRESENT DURING GEI VISIT IN SEPTEMBER 2022.

**SOURCE:**  
 1. ELEVATION DATUM: NAVD88.  
 2. FIELD SURVEY PERFORMED BY HANCOCK ASSOCIATES ON APRIL 1, 2022 AS SHOWN ON DRAWING TITLED "EXISTING CONDITIONS PLAN BARTLET MALL" DATED MAY 17, 2022.  
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CITY OF NEWBURYPORT  
 60 PLEASANT STREET  
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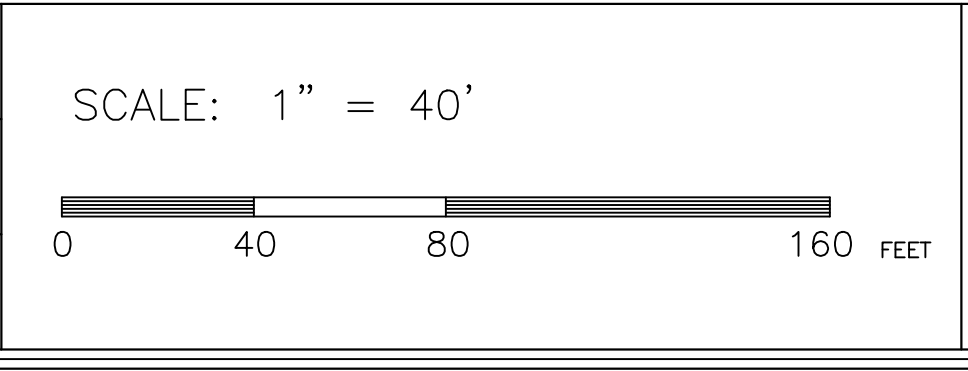


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Revisions				

Designed By:  
D.E.

Checked By:  
K.W.

Date:  
04-14-2023



**BARTLET MALL RESTORATION PROJECT**

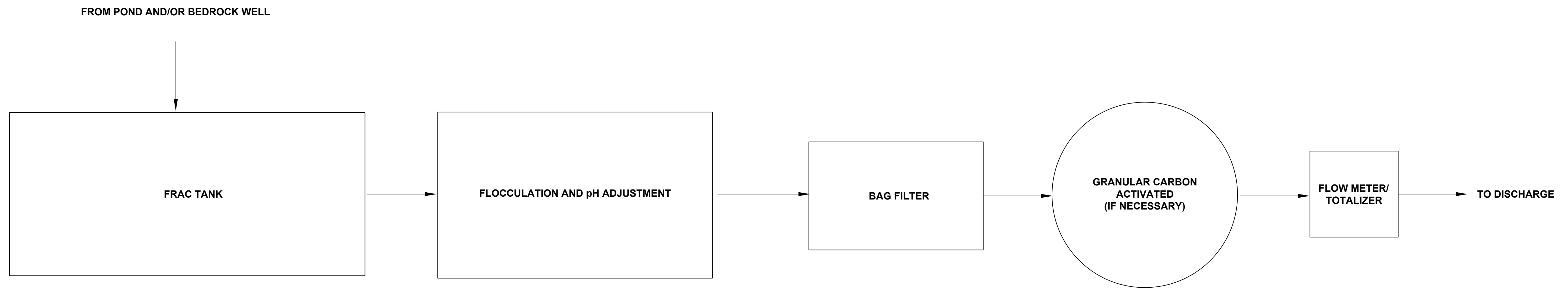
**RESOURCE AREAS**

Sheet No.  
**C-102**

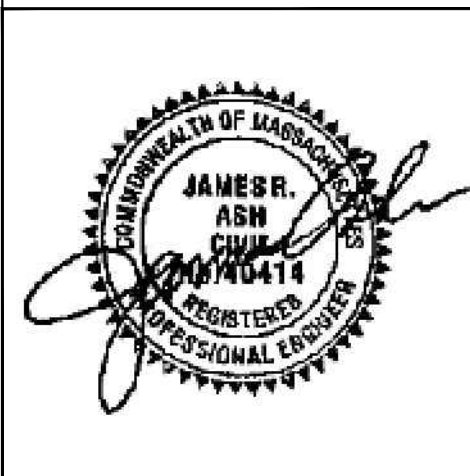
MORIN, JOE B: Working\NEWBURYPORT, MA, CITY OF\2101333, Bartlett Mall Frog Pond\00\_CADD\Design\GISD\Permit\C-102\_2101333-Resource Areas.dwg - 6/15/2023





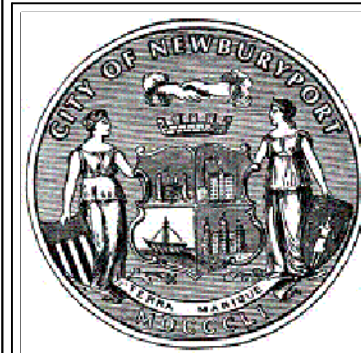


PROCESS FLOW DIAGRAM  
NO SCALE



**NOTES:**  
1. NPDES = NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM.

**PERMITTING SET - NOT FOR CONSTRUCTION**



CITY OF NEWBURYPORT  
60 PLEASANT STREET  
NEWBURYPORT, MA 01950



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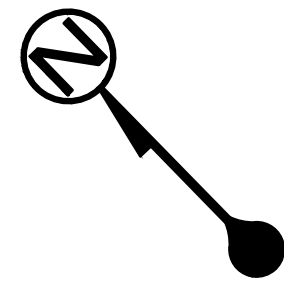
Designed By:  
D.E.  
Checked By:  
K.W.  
Date:  
04-14-2023

**BARTLET MALL RESTORATION PROJECT  
NPDES WATER TREATMENT  
SYSTEM PROCESS FLOW  
DIAGRAM**

Sheet No.

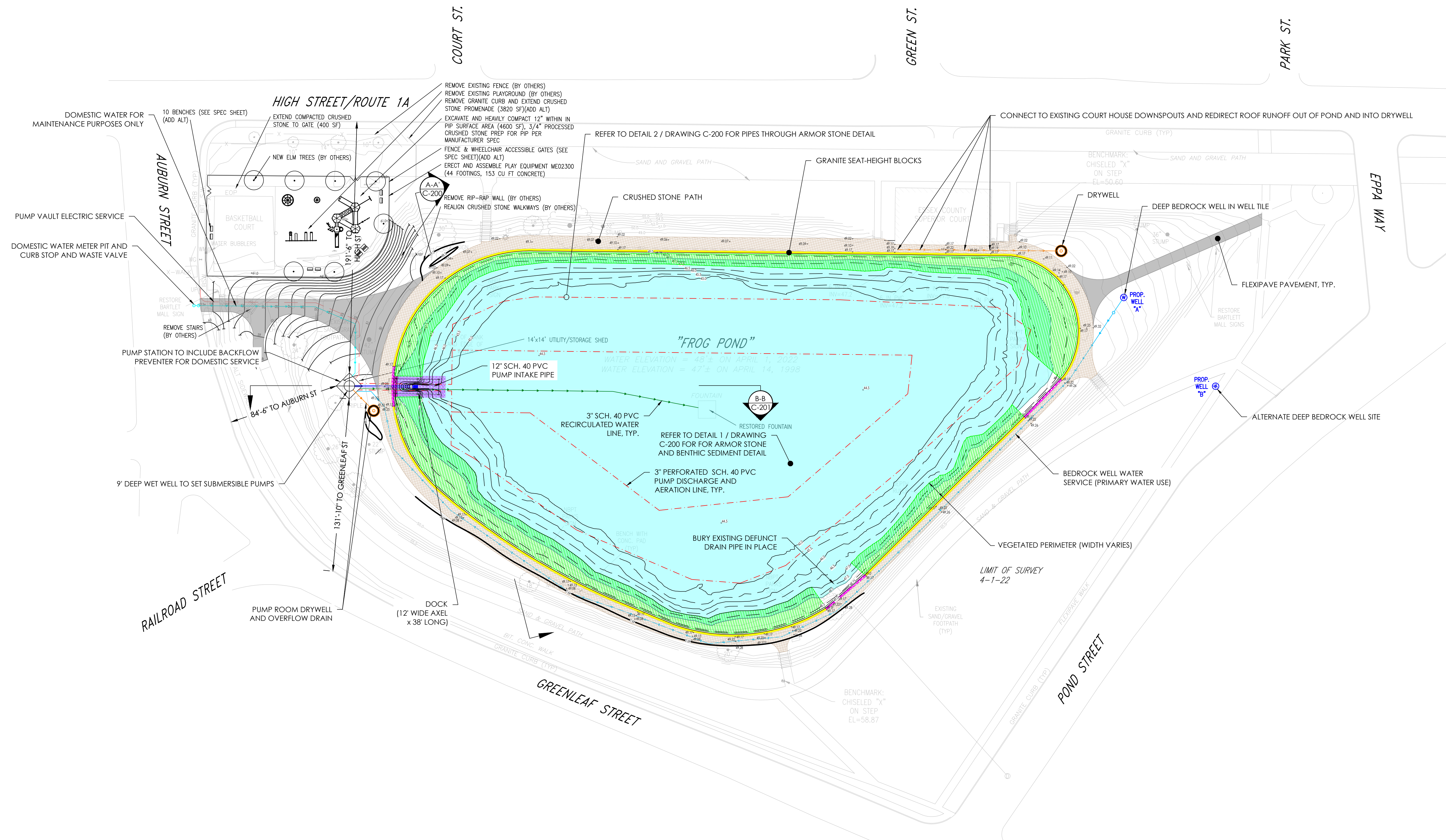
**C-300**





**LEGEND**

- CRUSHED STONE PATH
- FLEXIPAVE WALKWAY
- VEGETATED PERIMETER
- GRANITE SEAT-HEIGHT BLOCKS
- PROPOSED POND ACCESS POINT
- BEDROCK WELL LINE
- DOMESTIC WATER LINE
- ELECTRICAL SERVICE
- DISCHARGE AND AERATION LINE
- RECIRCULATED WATER LINE
- PUMP INTAKE PIPE
- DRYWELL DRAIN PIPE
- SURFACE WATER (APPROXIMATE)



DESIGN BY:

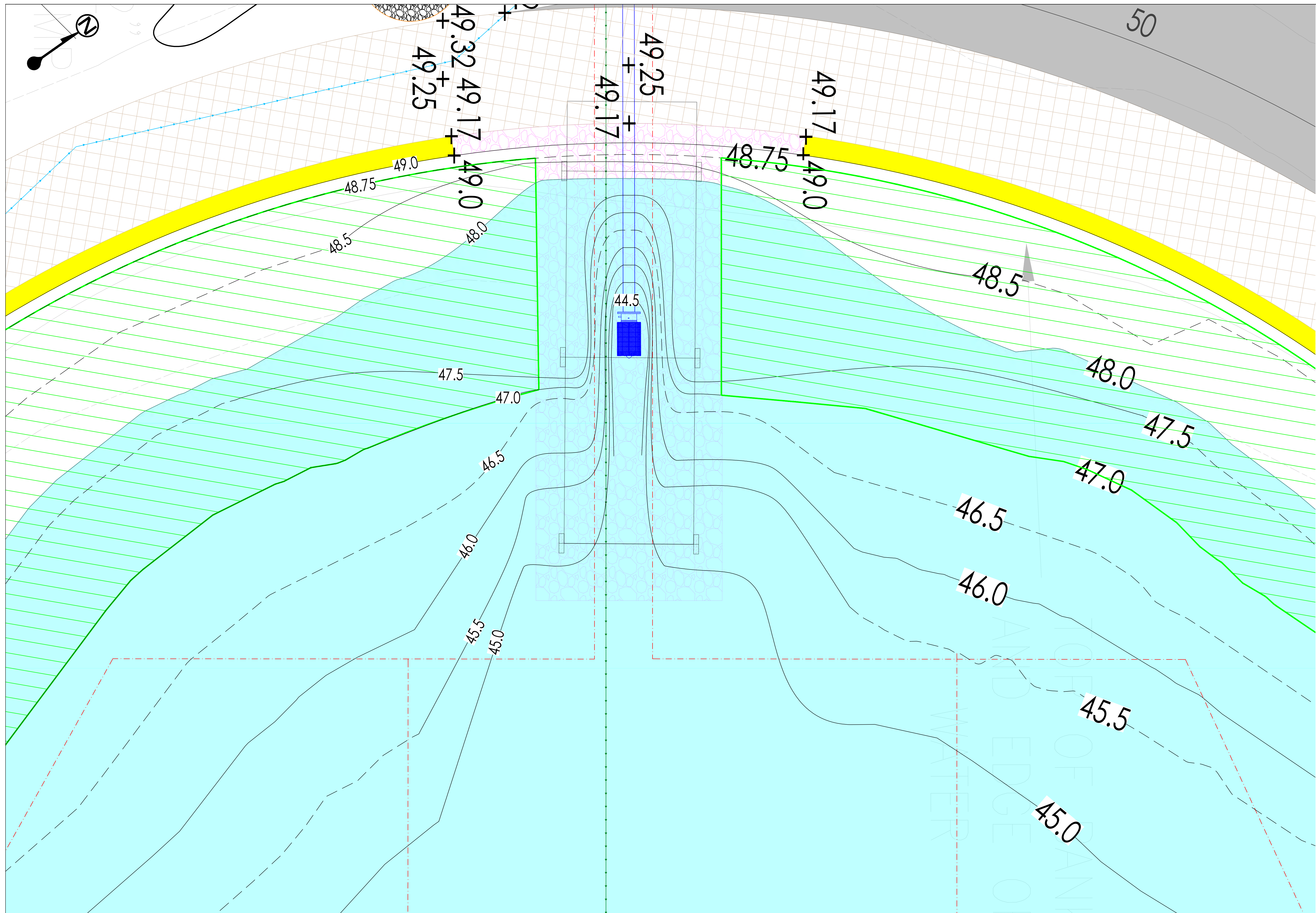
**AQUEOUS CONSULTANTS, LLC**  
 1 Dundee Park Drive, Suite 10  
 Andover, MA 01810  
 (978) 470-1695  
 www.aqueous.net

Know what's below.  
Call before you dig.



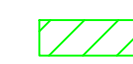



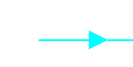






*Michael Igo*  
6/19/23

**PERMITTING SET - NOT FOR CONSTRUCTION**

	CITY OF NEWBURYPORT 60 PLEASANT STREET NEWBURYPORT, MA 01950		Designed By: A. Hammond Checked By: M. Igo Date: 4-14-2023	SCALE: PLAN Scale: 1" = 40' 	<b>BARTLET MALL RESTORATION PROJECT</b> <b>PROPOSED FINAL CONDITIONS</b>	Sheet No. <b>C-104</b>



**LEGEND**

-  CRUSHED STONE PATH
-  FLEXIPAVE WALKWAY
-  VEGETATED PERIMETER
-  GRANITE SEAT-HEIGHT BLOCKS
-  PROPOSED POND ACCESS POINT
-  BEDROCK WELL LINE
-  DOMESTIC WATER LINE
-  ELECTRICAL SERVICE
-  DISCHARGE AND AERATION LINE
-  RECIRCULATED WATER LINE
-  PUMP INTAKE PIPE
-  DRYWELL DRAIN PIPE
-  SURFACE WATER (APPROXIMATE)

DESIGN BY:



**AQUEOUS CONSULTANTS, LLC**  
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*Michael Igo*  
 6/19/23

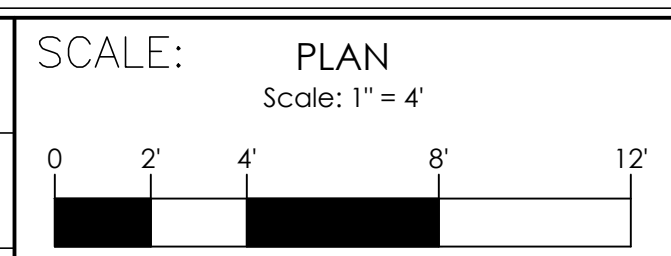
**PERMITTING SET - NOT FOR CONSTRUCTION**



CITY OF NEWBURYPORT  
 60 PLEASANT STREET  
 NEWBURYPORT, MA 01950

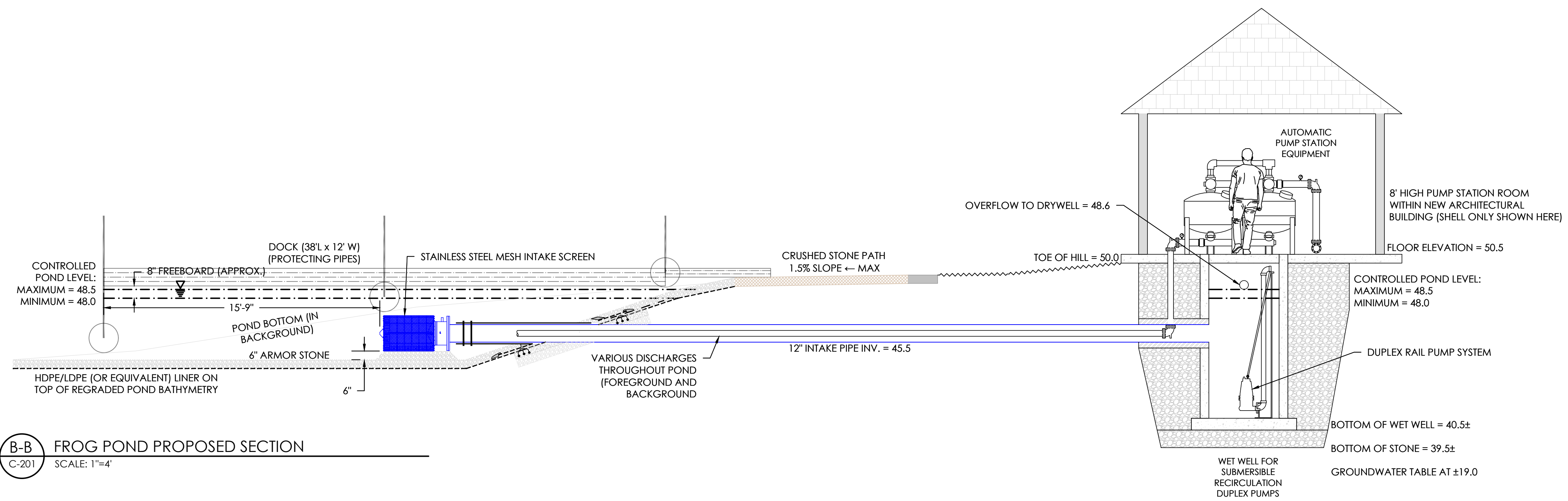
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REV 1	6/19/23	AEH	MI	DRAWING SET FOR NOTICE OF INTENT
REV 0	4/14/23	AEH	MI	DRAWING SET FOR NOTICE OF INTENT
Revisions				

Designed By:  
 A. Hammond  
 Checked By:  
 M. Igo  
 Date:  
 4-14-2023

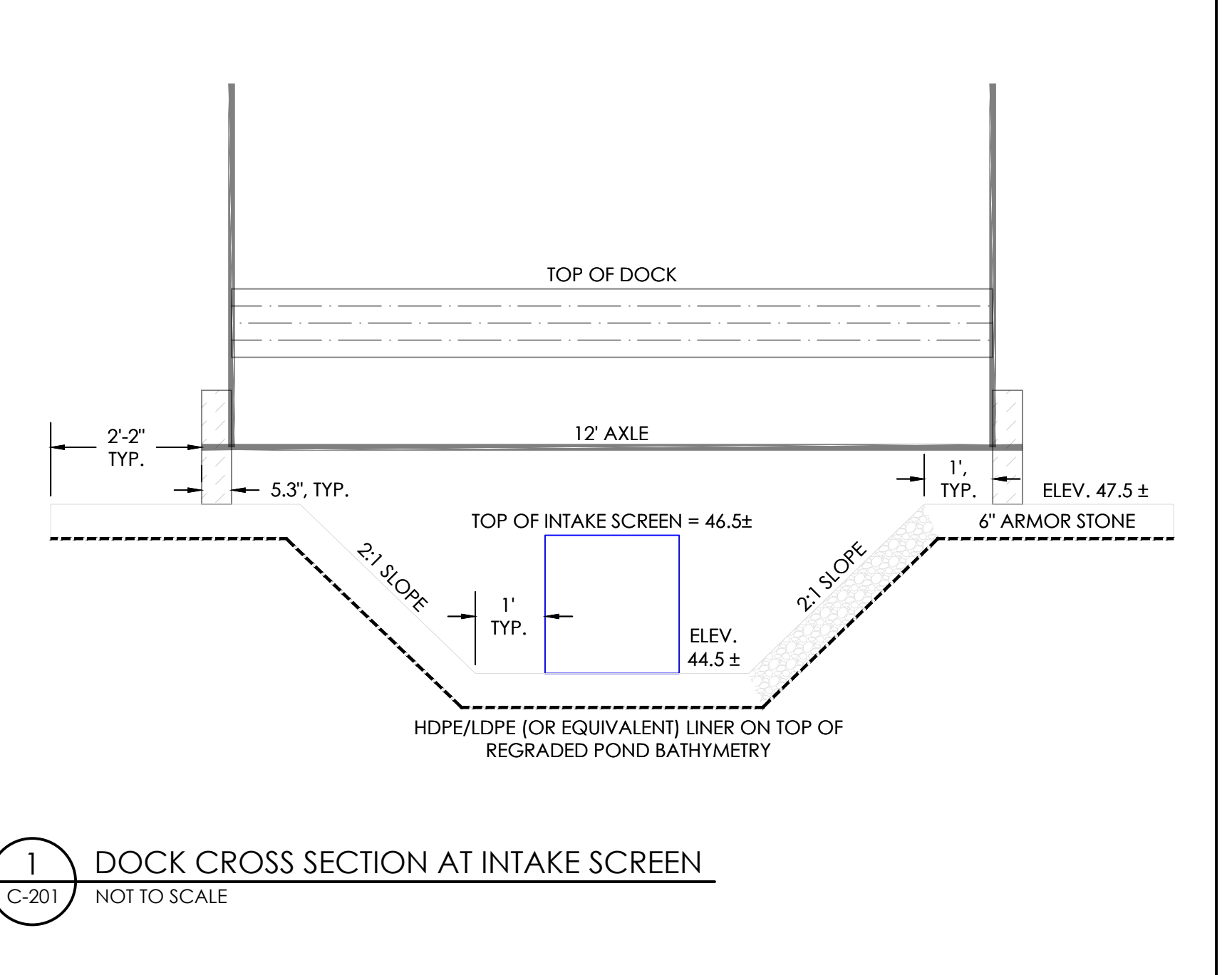


**BARTLET MALL RESTORATION PROJECT**  
**PROPOSED FINAL CONDITIONS**

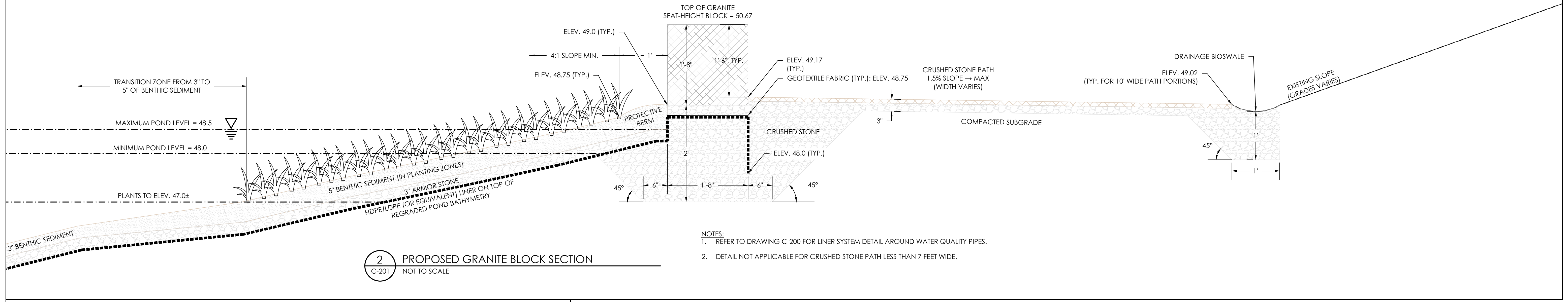
Sheet No.  
**C-104A**



**B-B** FROG POND PROPOSED SECTION  
C-201 SCALE: 1"=4'

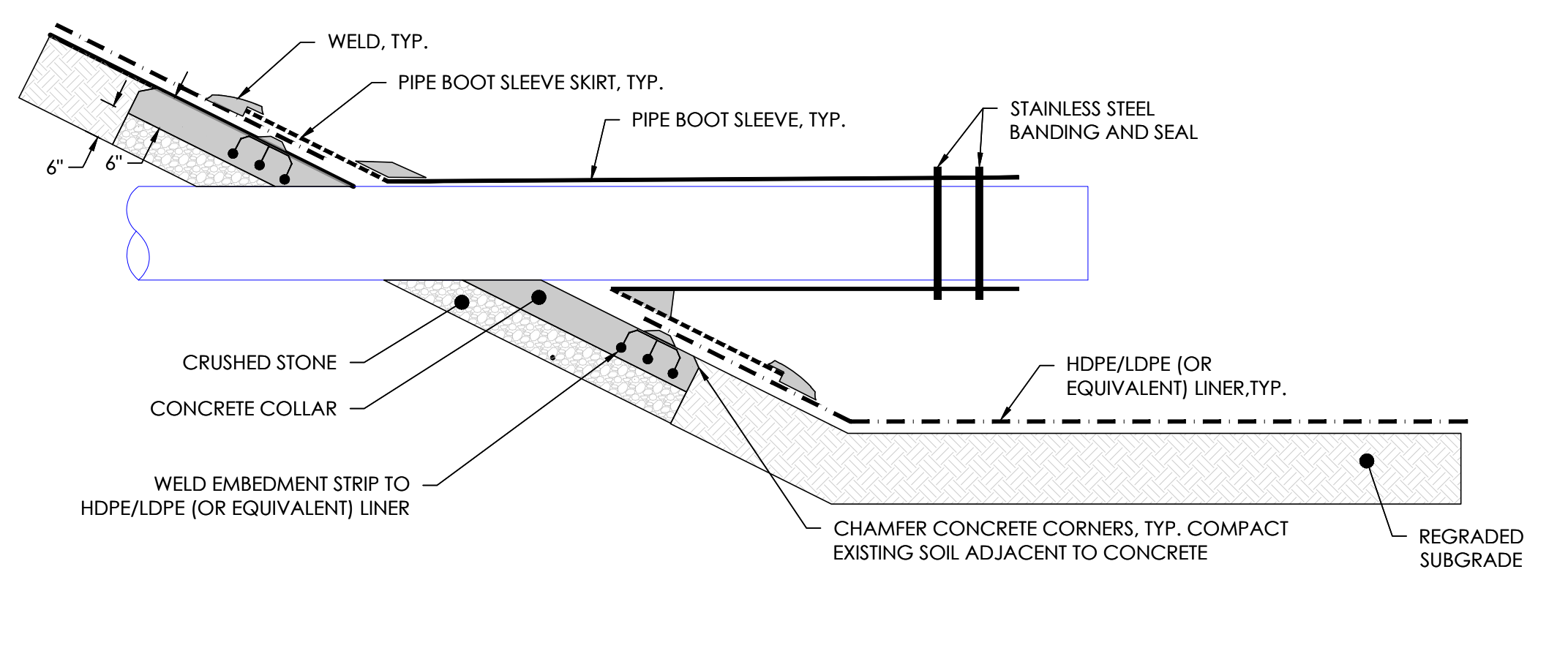


**1** DOCK CROSS SECTION AT INTAKE SCREEN  
C-201 NOT TO SCALE

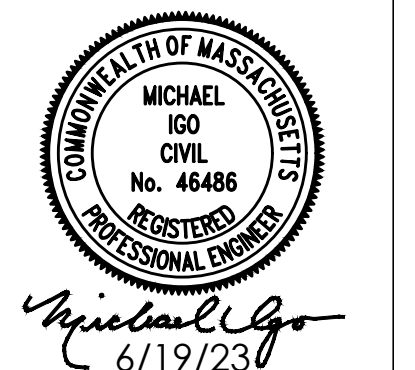


**2** PROPOSED GRANITE BLOCK SECTION  
C-201 NOT TO SCALE

- NOTES:  
1. REFER TO DRAWING C-200 FOR LINER SYSTEM DETAIL AROUND WATER QUALITY PIPES.  
2. DETAIL NOT APPLICABLE FOR CRUSHED STONE PATH LESS THAN 7 FEET WIDE.



**3** TYPICAL PIPE PENETRATION THROUGH HDPE LINER  
C-201 NOT TO SCALE



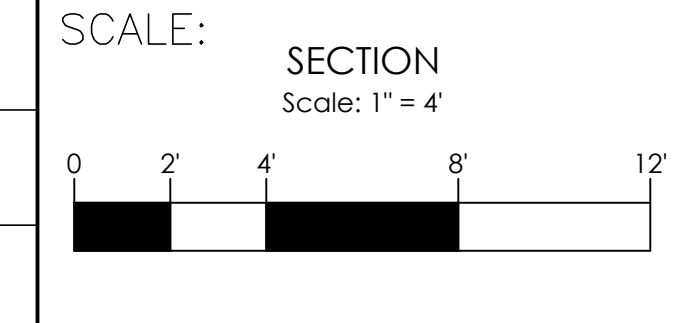
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60 PLEASANT STREET  
NEWBURYPORT, MA 01950

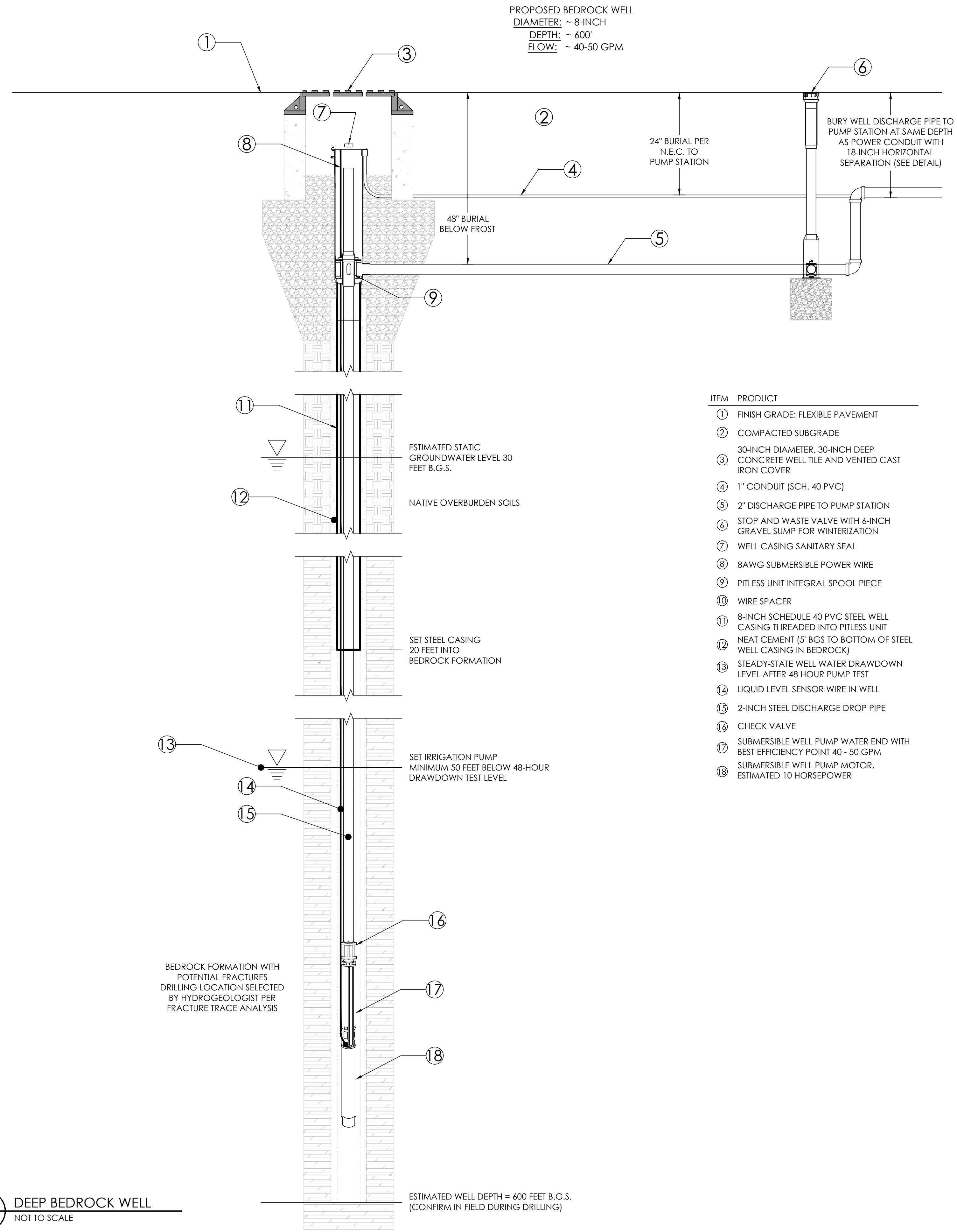
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M. Igo  
Date:  
4-14-2023



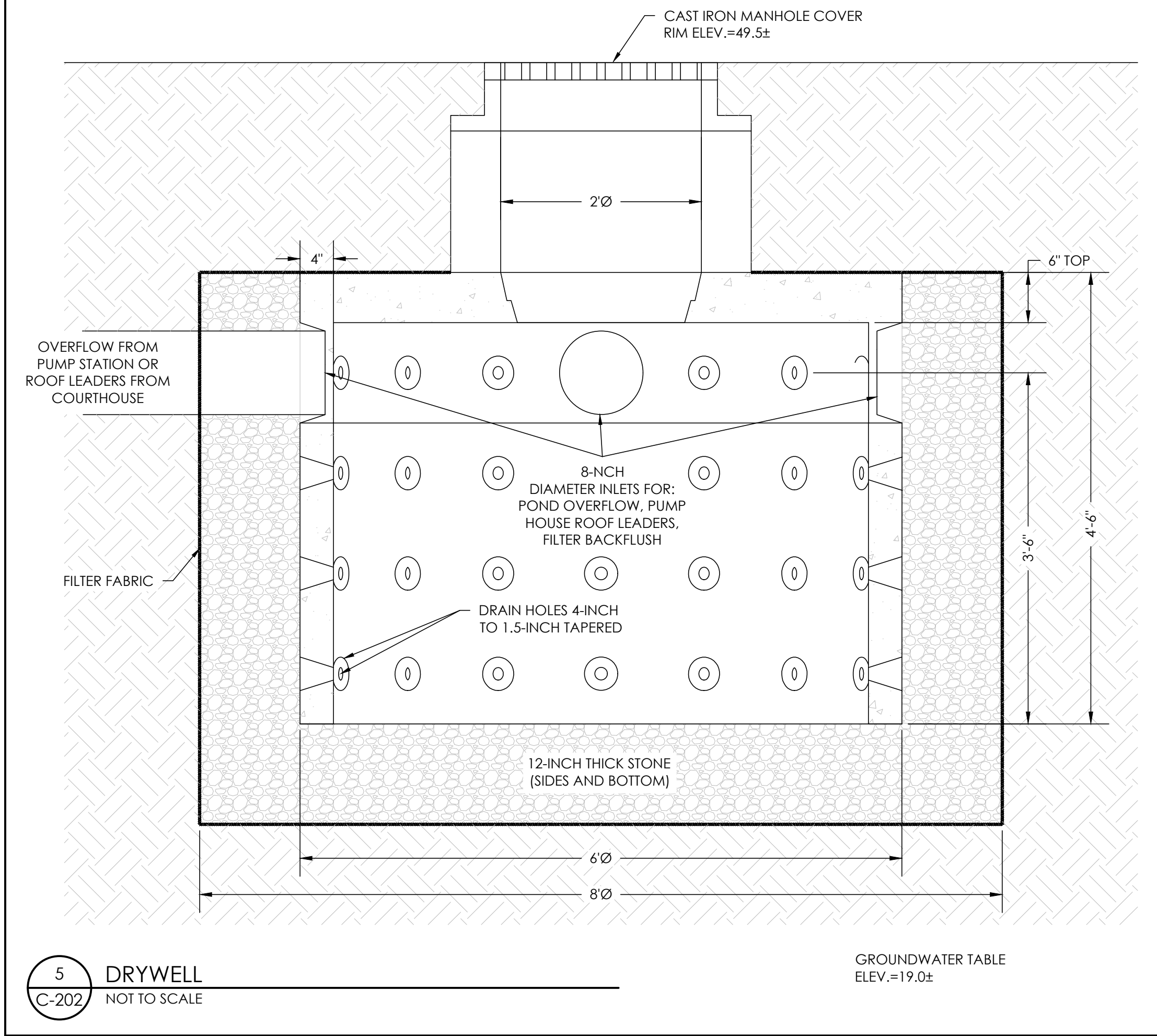
**BARTLET MALL RESTORATION PROJECT**  
**CIVIL DETAILS - 1**

Sheet No.  
**C-201**

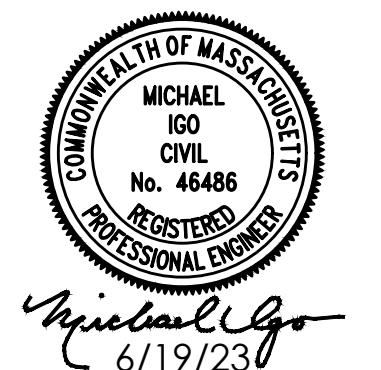


NOTE:  
 1. BEDROCK WELL WATER TO BE TESTED TO EPA WATER QUALITY STANDARDS.

ITEM	PRODUCT
①	FINISH GRADE: FLEXIBLE PAVEMENT
②	COMPACTED SUBGRADE
③	30-INCH DIAMETER, 30-INCH DEEP CONCRETE WELL TILE AND VENTED CAST IRON COVER
④	1" CONDUIT (SCH. 40 PVC)
⑤	2" DISCHARGE PIPE TO PUMP STATION
⑥	STOP AND WASTE VALVE WITH 6-INCH GRAVEL SUMP FOR WINTERIZATION
⑦	WELL CASING SANITARY SEAL
⑧	8AWG SUBMERSIBLE POWER WIRE
⑨	PITLESS UNIT INTEGRAL SPOOL PIECE
⑩	WIRE SPACER
⑪	8-INCH SCHEDULE 40 PVC STEEL WELL CASING THREADED INTO PITLESS UNIT
⑫	NEAT CEMENT (5 BGS TO BOTTOM OF STEEL WELL CASING IN BEDROCK)
⑬	STEADY-STATE WELL WATER DRAWDOWN LEVEL AFTER 48 HOUR PUMP TEST
⑭	LIQUID LEVEL SENSOR WIRE IN WELL
⑮	2-INCH STEEL DISCHARGE DROP PIPE
⑯	CHECK VALVE
⑰	SUBMERSIBLE WELL PUMP WATER END WITH BEST EFFICIENCY POINT 40 - 50 GPM
⑱	SUBMERSIBLE WELL PUMP MOTOR, ESTIMATED 10 HORSEPOWER

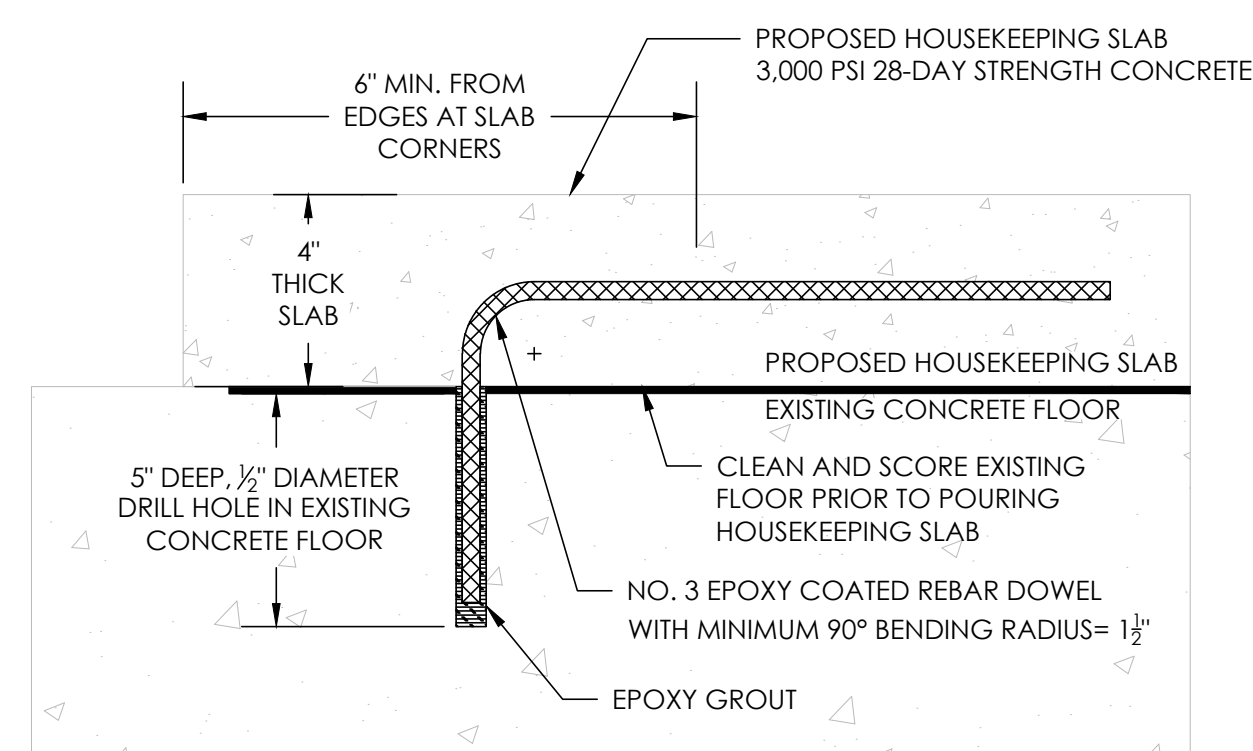


4 DEEP BEDROCK WELL  
 C-202 NOT TO SCALE

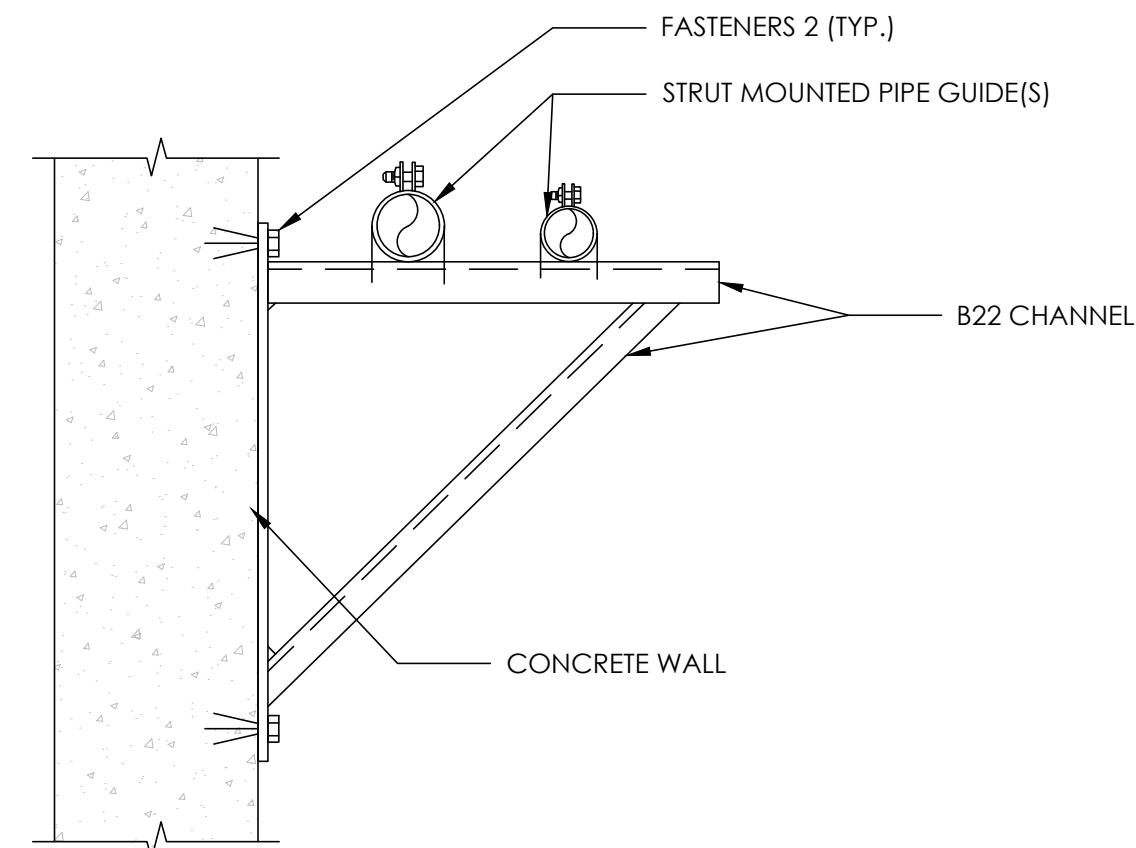


PERMITTING SET - NOT FOR CONSTRUCTION

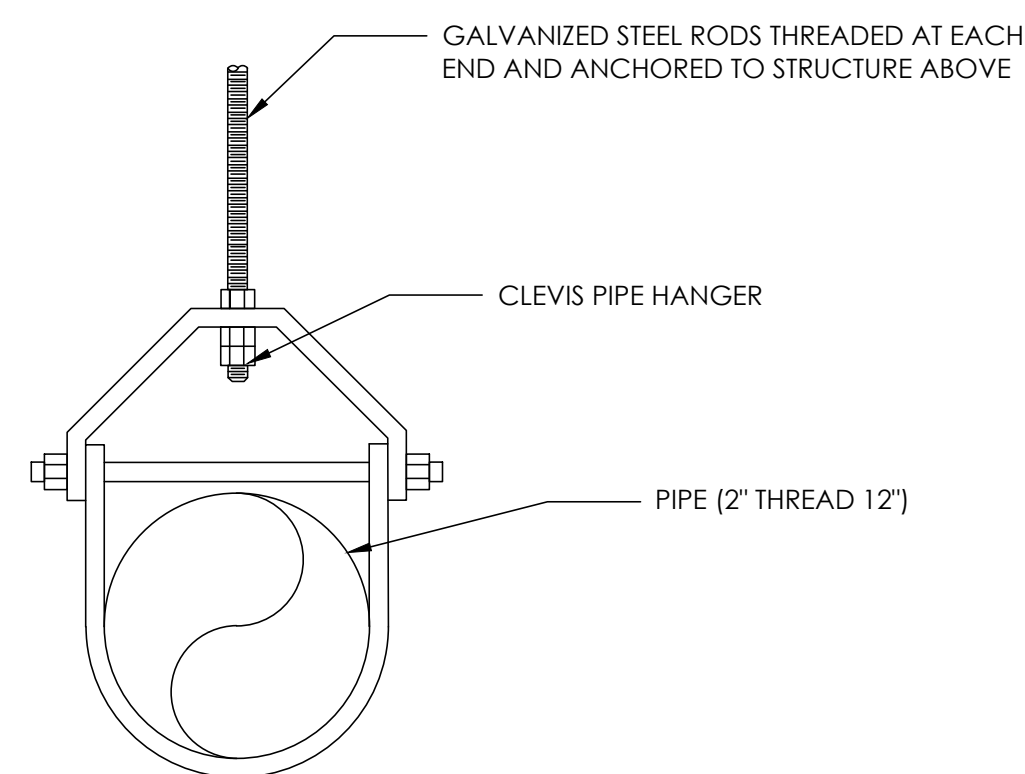
<p>CITY OF NEWBURYPORT          60 PLEASANT STREET          NEWBURYPORT, MA 01950</p>	REV 16/19/23 AEH MI DRAWING SET FOR NOTICE OF INTENT REV 04/14/23 AEH MI DRAWING SET FOR NOTICE OF INTENT Rev No Date Drawn Chkd Description Revisions	Designed By: A. Hammond Checked By: M. Igo Date: 4-14-2023	SCALE: AS SHOWN	BARTLET MALL RESTORATION PROJECT CIVIL DETAILS - 2	Sheet No. C-202
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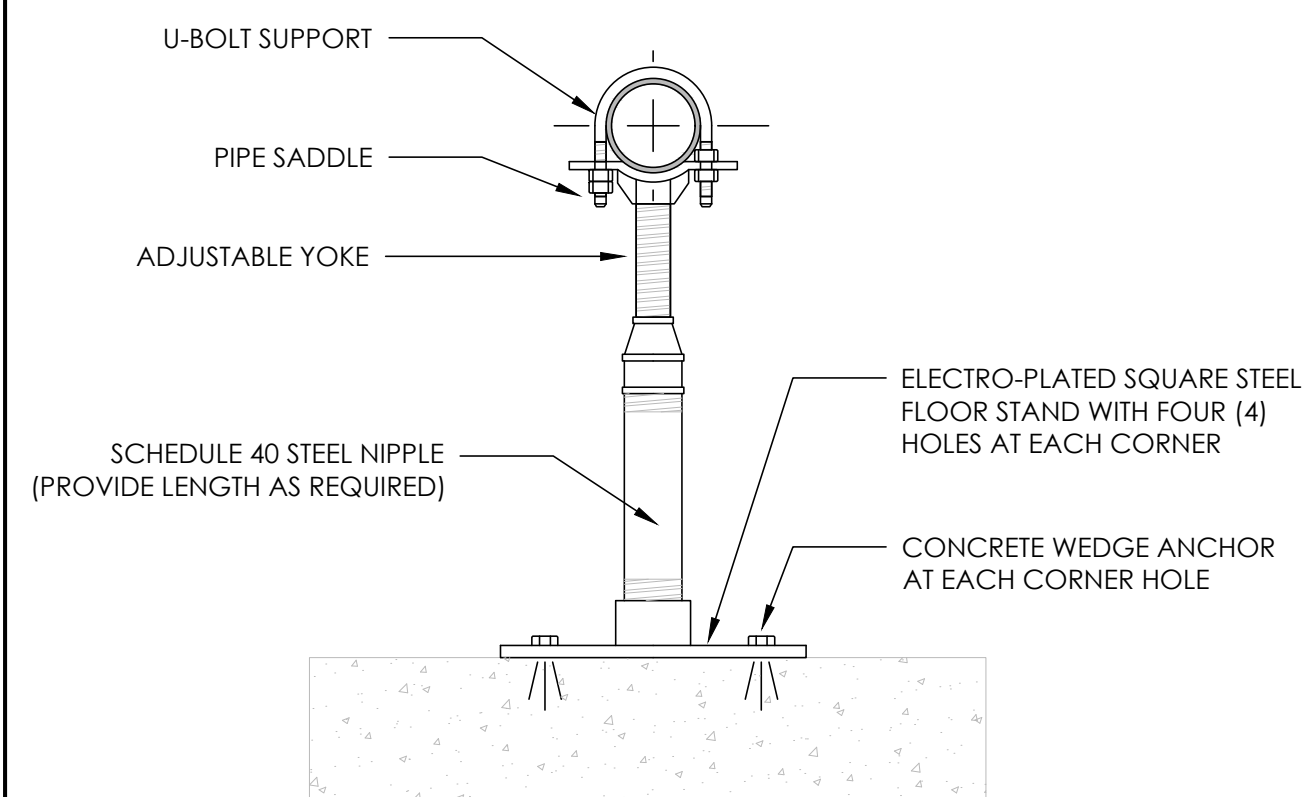
**7** TYPICAL HOUSEKEEPING SLAB ELEVATION  
C-203 NOT TO SCALE



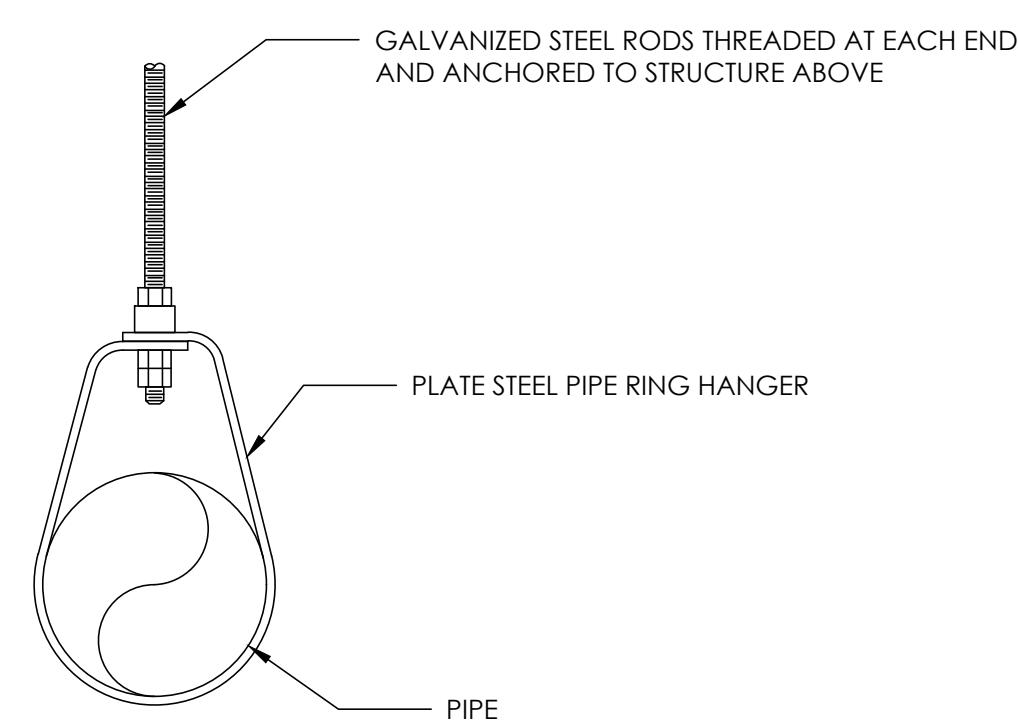
**8** WALL MOUNTED PIPE SUPPORT  
C-203 NOT TO SCALE



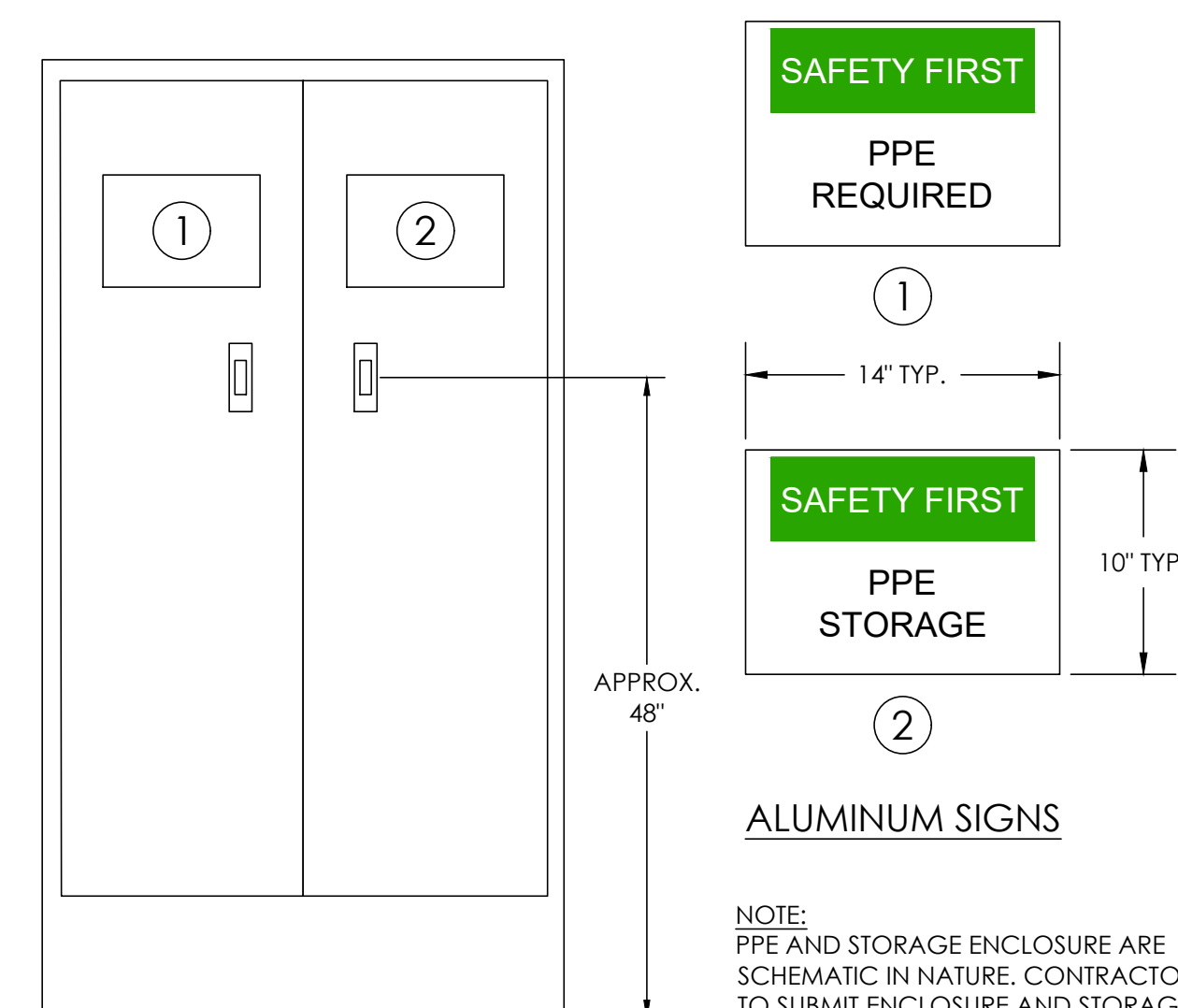
**9** CLEVIS HANGER  
C-203 NOT TO SCALE



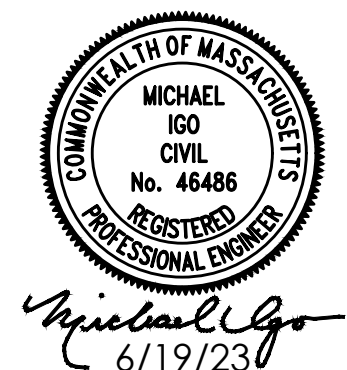
**10** FLOOR MOUNTED PIPE SUPPORT  
C-203 NOT TO SCALE



**11** SWIVEL PIPE SUPPORT  
C-203 NOT TO SCALE



**12** PPE AND STORAGE ENCLOSURE  
C-203 NOT TO SCALE



PERMITTING SET - NOT FOR CONSTRUCTION



CITY OF NEWBURYPORT  
60 PLEASANT STREET  
NEWBURYPORT, MA 01950

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Date:  
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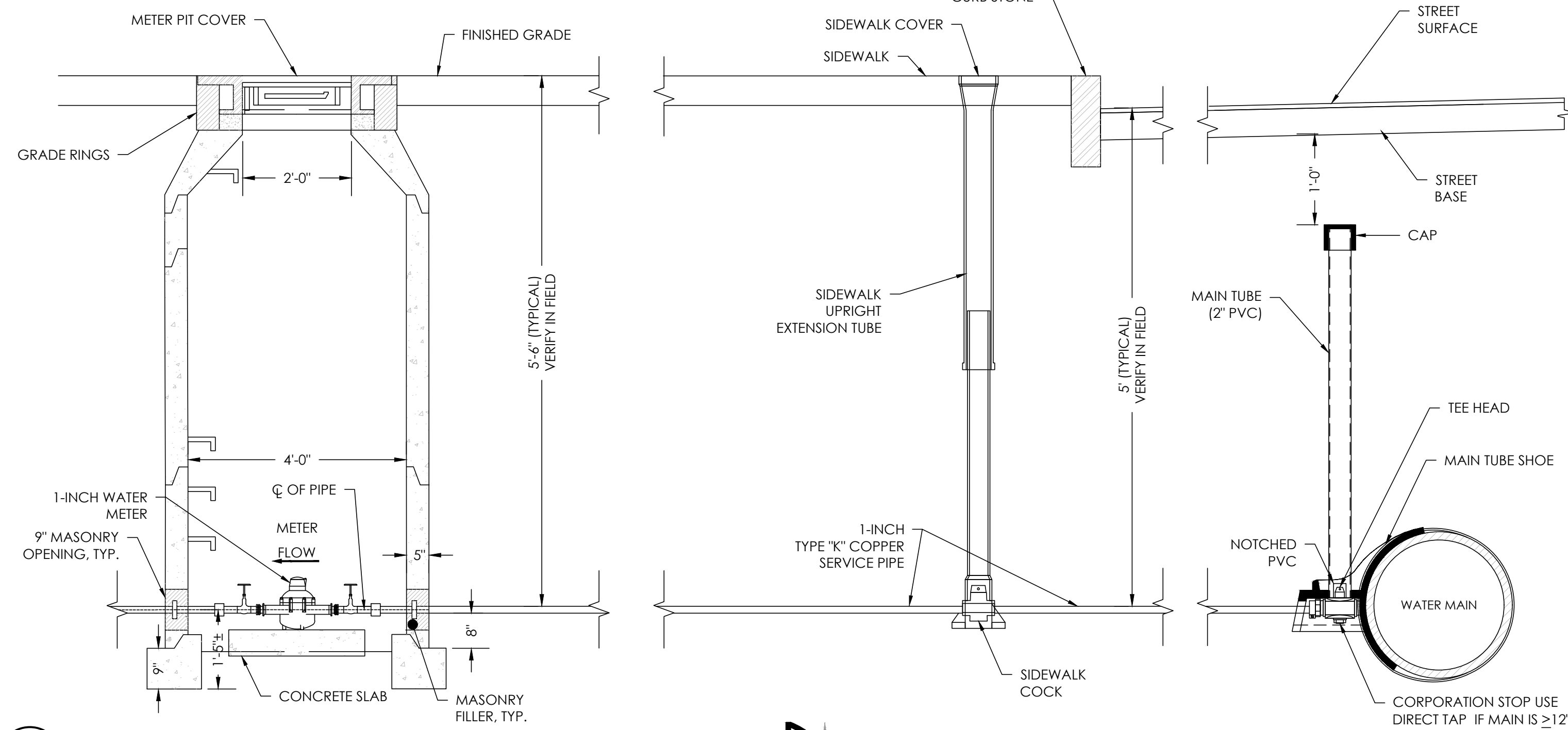
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BARTLET MALL RESTORATION PROJECT

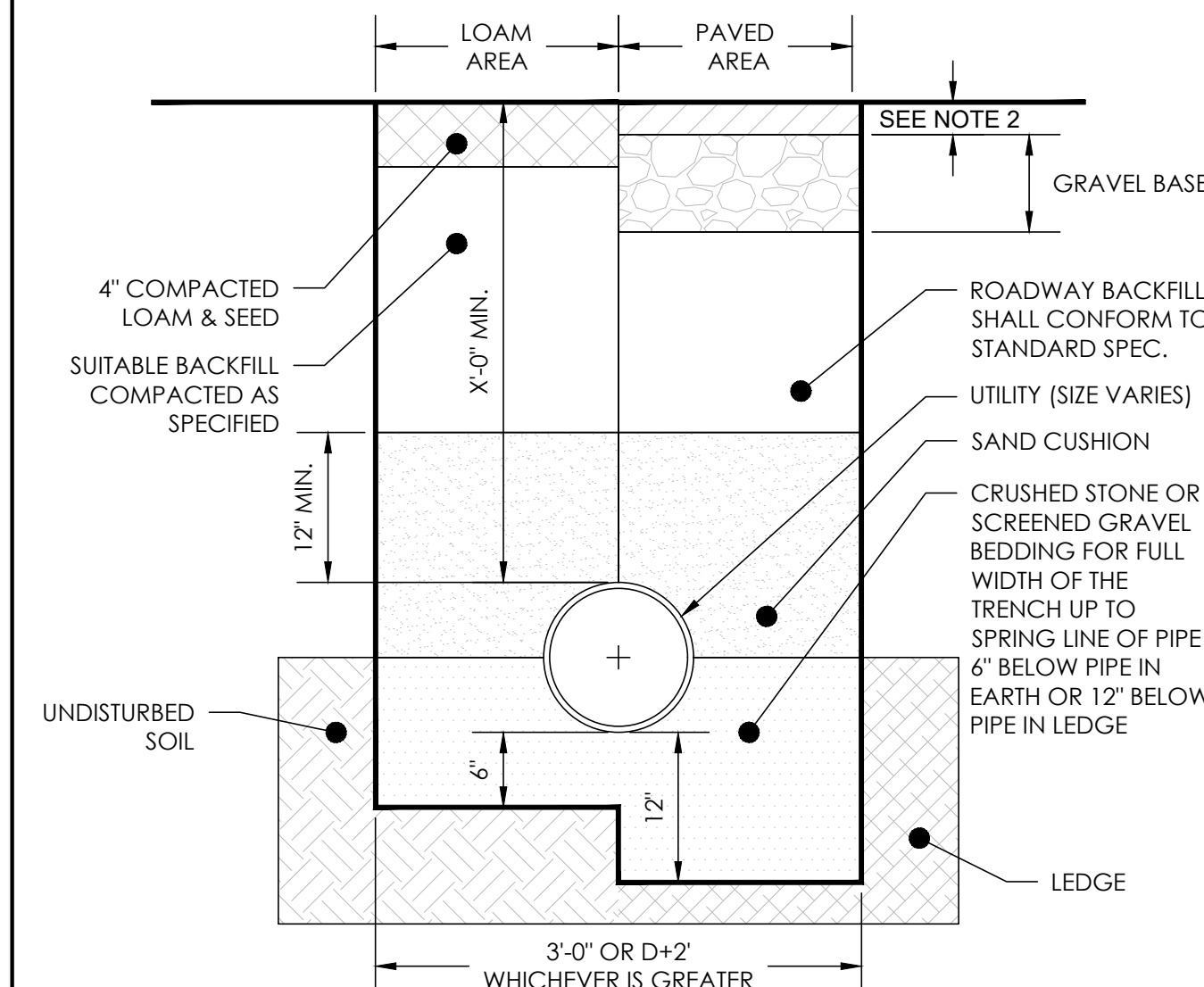
CIVIL DETAILS - 3

Sheet No.

C-203

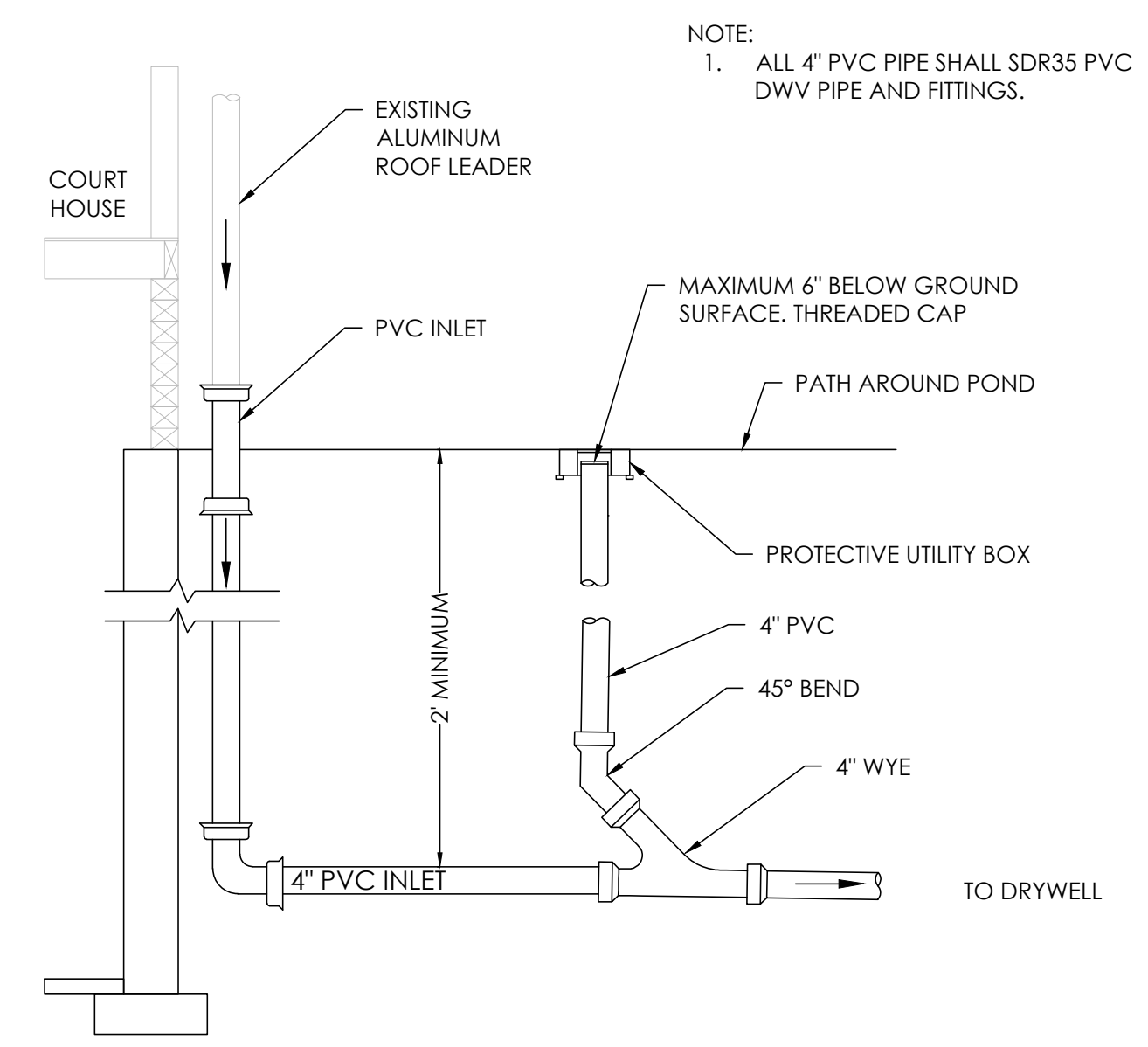


14 DOMESTIC WATER CONNECTION  
C-204 NOT TO SCALE

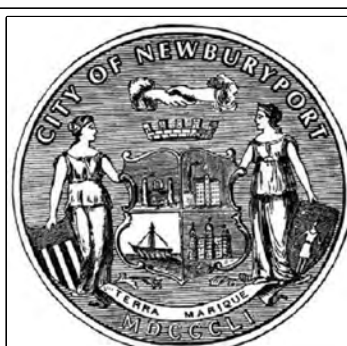


- NOTES:
1. ALL MATERIAL SHALL CONFORM TO CITY/TOWN OF DEPARTMENT OF PUBLIC WORKS.
  2. NEW ROADWAY CONSTRUCTION SHALL CONFORM TO CITY/TOWN SPECIFICATIONS.
  3. IN LIEU OF THE 12\"/>

17 UTILITY TRENCH DETAIL (NOT WITHIN POND LIMITS)  
C-204 NOT TO SCALE



16 ROOF LEADER TO DRYWELL  
C-204 NOT TO SCALE



CITY OF NEWBURYPORT  
60 PLEASANT STREET  
NEWBURYPORT, MA 01950

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Revisions				

Designed By:  
A. Hammond  
Checked By:  
M. Igo  
Date:  
4-14-2023

SCALE: AS SHOWN

BARTLET MALL RESTORATION PROJECT

CIVIL DETAILS - 4

Sheet No.

C-204



Michael Igo  
6/19/23

PERMITTING SET - NOT FOR CONSTRUCTION

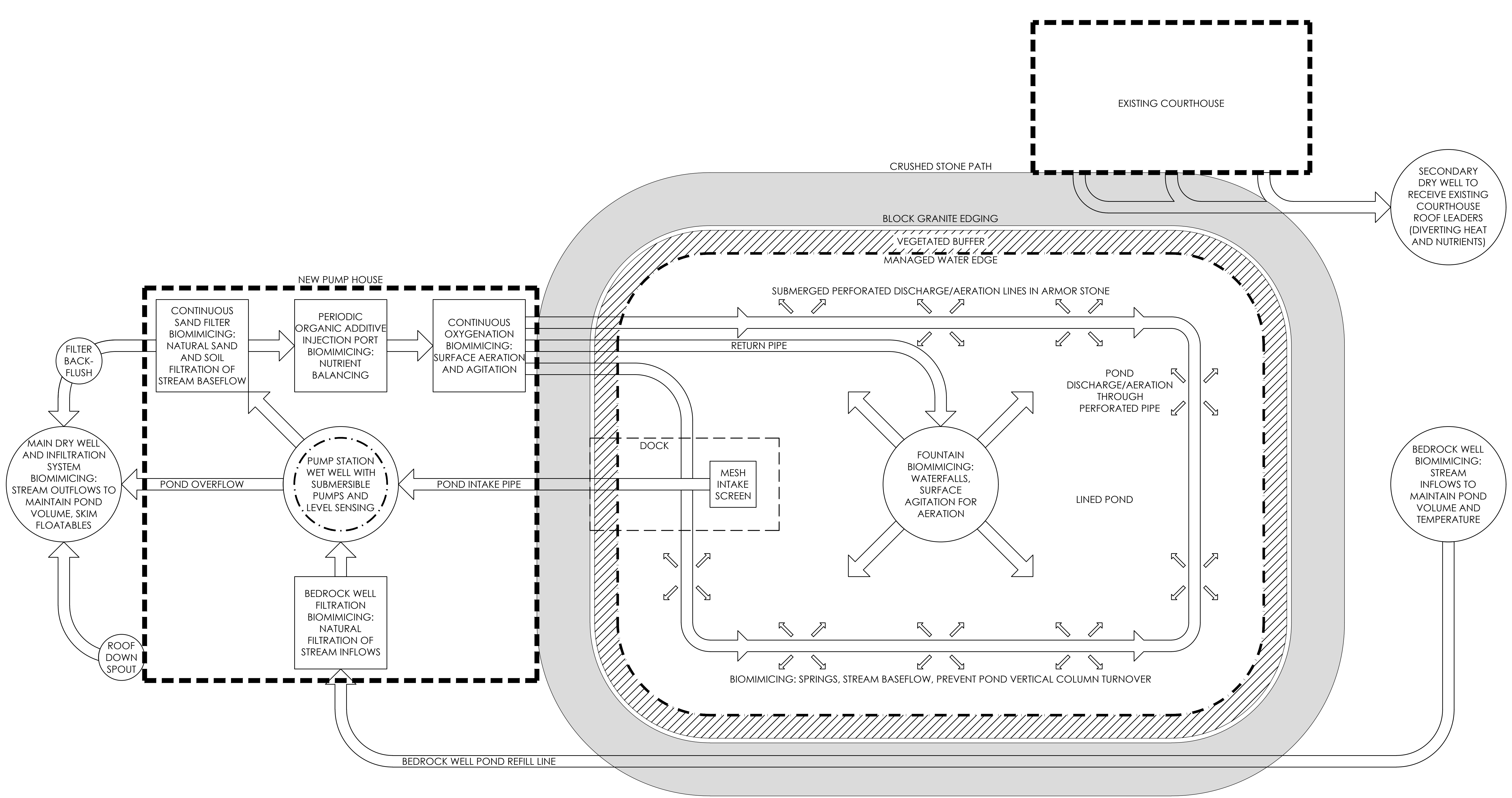
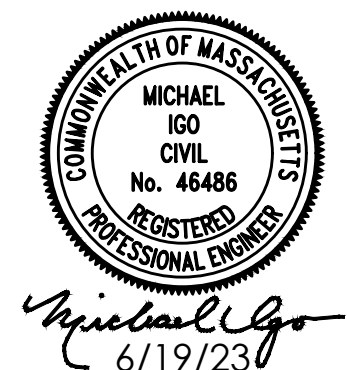


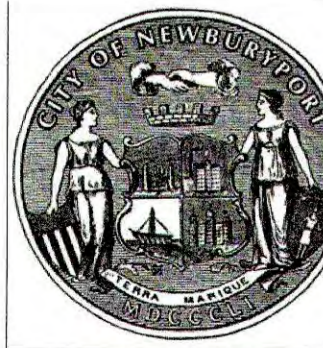
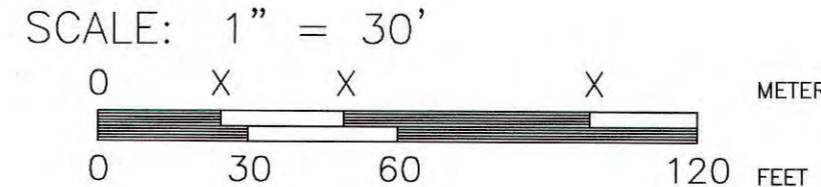
DIAGRAM NOT TO SCALE:  
 PROVIDED TO DEMONSTRATE  
 WATER FLOW PATHS FOR  
 POND WATER QUALITY



PERMITTING SET - NOT FOR CONSTRUCTION

<p>CITY OF NEWBURYPORT          60 PLEASANT STREET          NEWBURYPORT, MA 01950</p>	<table border="1"> <tr> <td>REV 1</td> <td>6/19/23</td> <td>AEH</td> <td>MI</td> <td></td> </tr> <tr> <td>REV 0</td> <td>4/14/23</td> <td>AEH</td> <td>MI</td> <td></td> </tr> <tr> <td>Rev No</td> <td>Date</td> <td>Drawn</td> <td>Chkd</td> <td></td> </tr> </table>	REV 1	6/19/23	AEH	MI		REV 0	4/14/23	AEH	MI		Rev No	Date	Drawn	Chkd		<table border="1"> <tr> <td>Designed By:</td> <td>A. Hammond</td> </tr> <tr> <td>Checked By:</td> <td>M. Igo</td> </tr> <tr> <td>Date:</td> <td>4-14-2023</td> </tr> </table>	Designed By:	A. Hammond	Checked By:	M. Igo	Date:	4-14-2023	SCALE: NONE	<b>BARTLET MALL RESTORATION PROJECT</b> <b>WATER QUALITY SYSTEM</b> <b>ONE LINE DIAGRAM</b>	Sheet No. <b>C-301</b>
	REV 1	6/19/23	AEH	MI																						
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	<b>CITY OF NEWBURYPORT</b> 60 PLEASANT STREET NEWBURYPORT, MA 01950	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">4</td> <td style="width: 10%;">6/26/23</td> <td style="width: 5%;">KT</td> <td style="width: 5%;"></td> <td style="width: 75%;">ADA study &amp; granite realignment &amp; rotate pump house</td> </tr> <tr> <td>3</td> <td>3/22/23</td> <td>KT</td> <td></td> <td>Relocated utility/storage shed &amp; dock</td> </tr> <tr> <td>2</td> <td>1/18/23</td> <td>KT</td> <td></td> <td>Revised ellipse</td> </tr> <tr> <td>1</td> <td>12/6/22</td> <td>KT</td> <td></td> <td>Revised granite edge</td> </tr> <tr> <td style="font-size: small;">Rev No</td> <td style="font-size: small;">Date</td> <td style="font-size: small;">Drawn</td> <td style="font-size: small;">Chkd</td> <td style="font-size: small;">Description</td> </tr> </table>	4	6/26/23	KT		ADA study & granite realignment & rotate pump house	3	3/22/23	KT		Relocated utility/storage shed & dock	2	1/18/23	KT		Revised ellipse	1	12/6/22	KT		Revised granite edge	Rev No	Date	Drawn	Chkd	Description	Designed By: Kim Turner  Checked By: [NAME]  Date: 12-01-2022	SCALE: 1" = 30' 	<b>BARTLET MALL RESTORATION PROJECT</b>  <b>CONCEPTUAL SITE PLAN</b>	Sheet No.  <b>L-1</b>
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