

**PLEASE NOTE THE FOLLOWING ADDITIONAL REQUIREMENTS:**

- (1) I/A Technology Acknowledgement Form is required for any proposed DEP-approved I/A system;
- (2) Conservation Commission approval of the septic design required prior to BOH review;
- (3) A copy of the Trench Permit shall be submitted to the BOH prior to installation.

\*\*\*\*\*

BOARD OF HEALTH  
SHERBORN, MASSACHUSETTS

APPLICATION NO. \_\_\_\_\_

**APPLICATION FOR DISPOSAL WORKS CONSTRUCTION PERMIT**

Application Fee: \$2,150<sup>00</sup> Variance Fee: \_\_\_\_\_ Transfer Fee: \_\_\_\_\_  
Received \_\_\_\_\_ Date \_\_\_\_\_ On Plan Submission  
Received \_\_\_\_\_ Date \_\_\_\_\_ Additional fee for Re-submittal of Plan

\*\*\*\*\*

Application is hereby made for a permit to: (1) *Locate and Construct* (  ); (2) *Alter* (  ); (3) *Transfer* (  );  
(4) *Repair* (  ) an individual sewage disposal system; (5) *Revise a Previously Approved Plan* (  ); OR  
(6) *Other* \_\_\_\_\_ as shown on the plans annexed here at:

Address of Property: Street # 34 Brush Hill Road Lot # Map 1, Lot 0, Block 18

Name of Owner: Fenix Partners Brush Hill, LLC Tel # 617-308-1961  
Owner's address: 177 Lake Street, Sherborn, MA 01770  
Owner's email: bob.murchison@me.com

Name of Applicant: Fenix Partners Brush Hill, LLC Tel # 617-308-1961  
Applicant's address: 177 Lake Street, Sherborn, MA 01770  
Applicant's email: bob.murchison@me.com

Type of Building: Eight (8) Single Family Dwellings No. of Bedrooms: 18 Total

If other than dwelling, estimated flow: 1,980 GPD

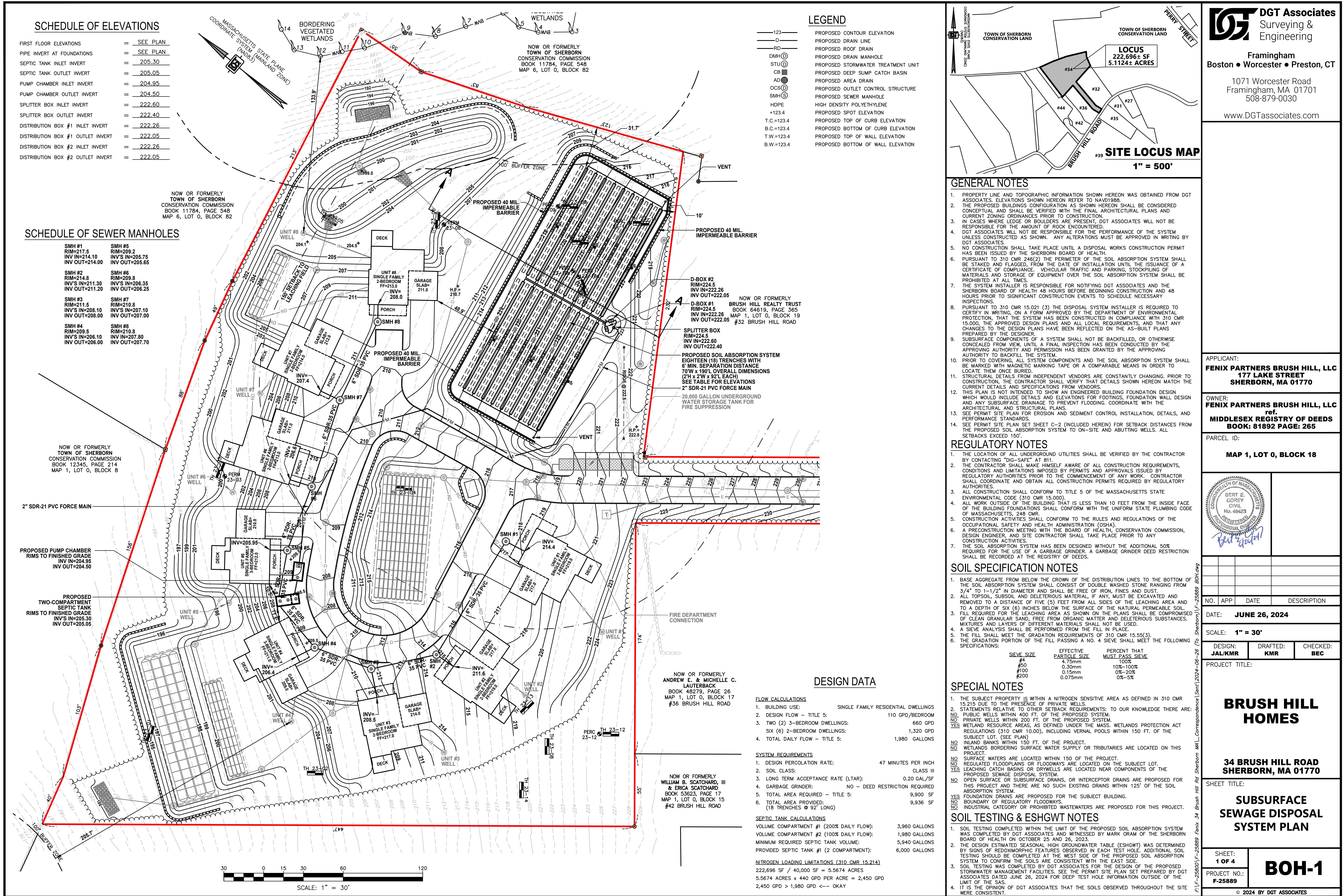
Accompanied by plan dated: June 26, 2024 Revised: \_\_\_\_\_

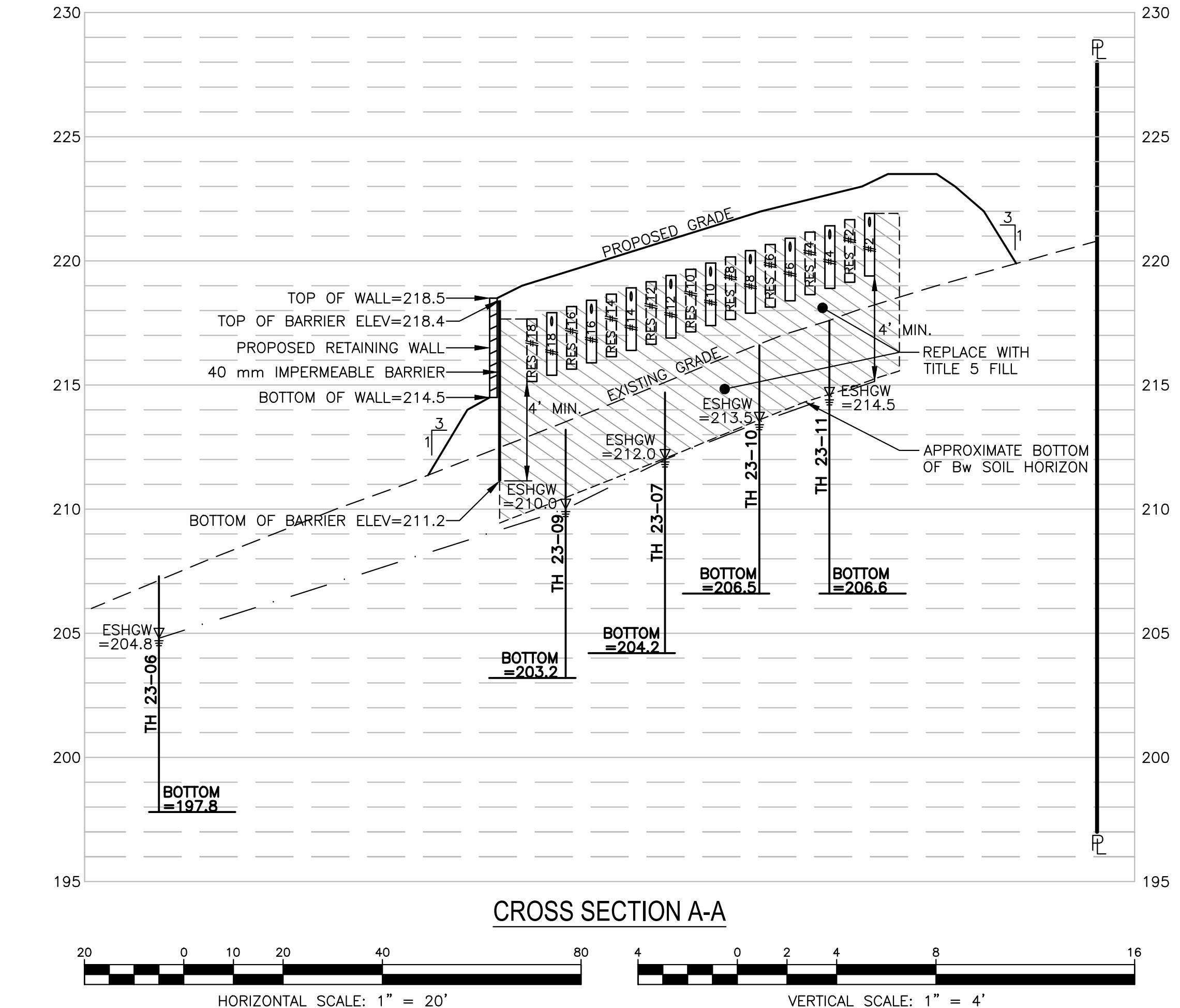
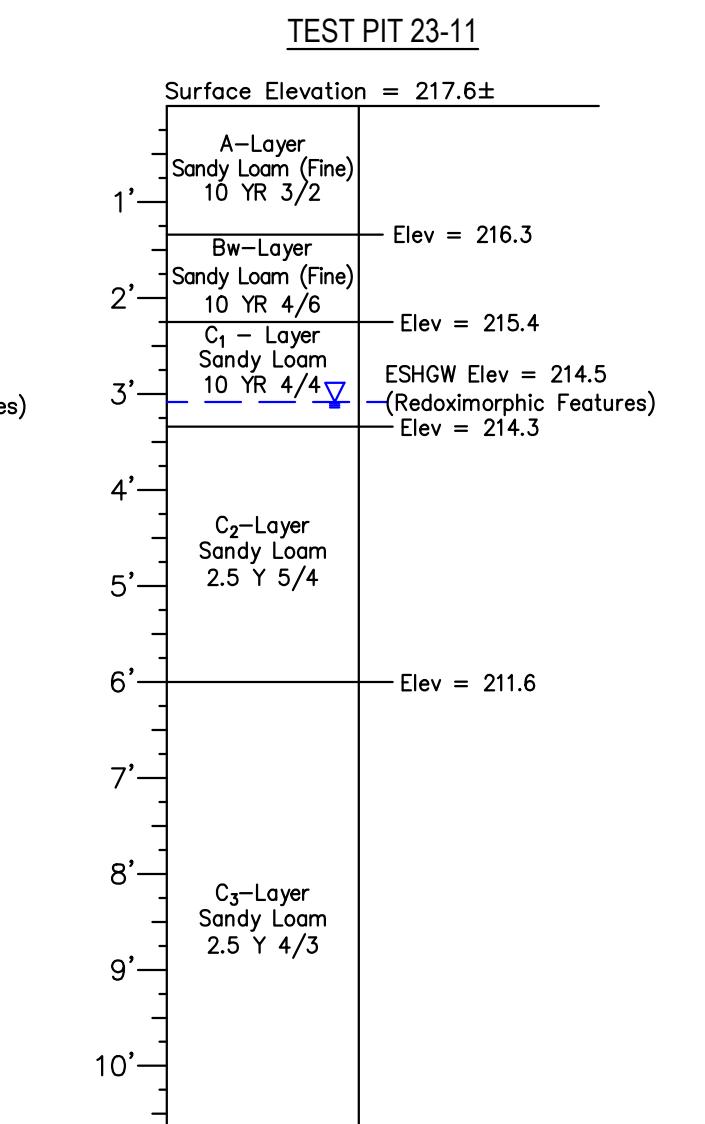
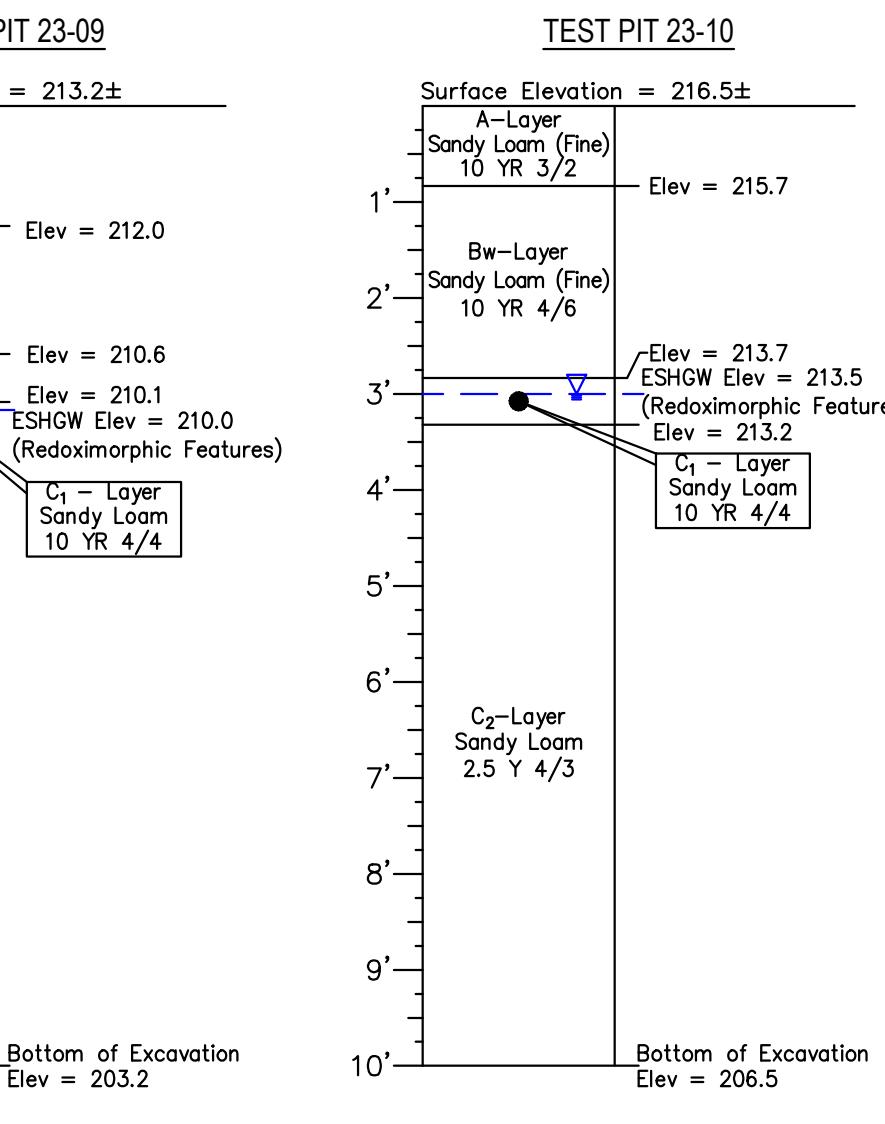
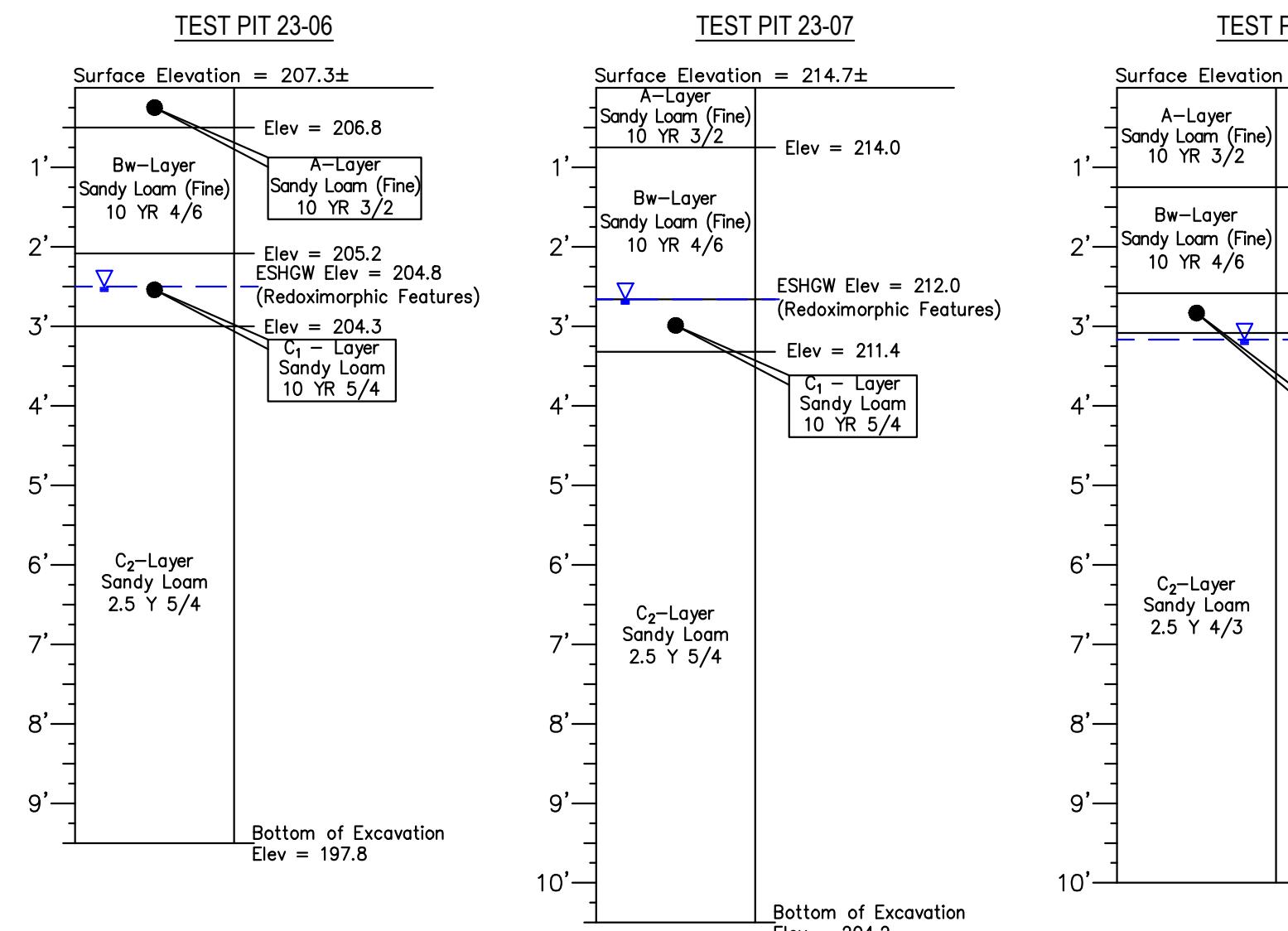
The undersigned acknowledges that he shall, before commencing construction or use of the system that is the subject matter of this application, secure any and all other permits which may be required by the laws of the Town of Sherborn and the Commonwealth of Massachusetts, including, wherever applicable, a building permit, any variances or special permits from the ZBA, any Planning Board approvals, Negative Determination or Order of Conditions from the Conservation Commission, as well as approval from the Board of Health upon completion. It is also acknowledged that the system shall be installed by a person or firm having a permit to install such systems in the Town of Sherborn.

SIGNATURE OF PROPERTY OWNER: BL M - DATE: 6/26/2024

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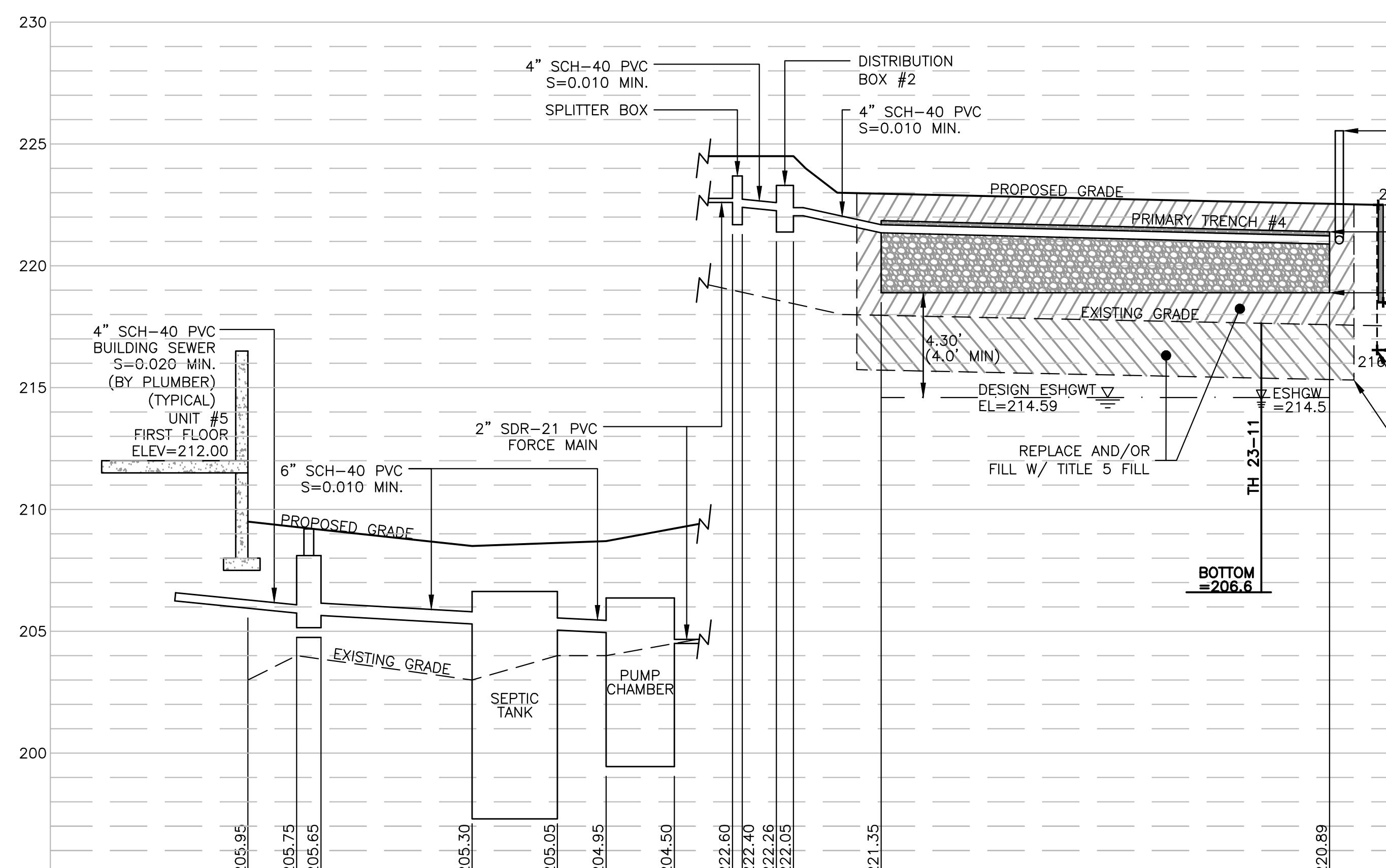
REVIEW NOTES:





PERCOLATION TEST DATA							
TEST PIT NO.	DATE	SURFACE ELEVATION	TOP OF 12" OF WATER		INTERVAL TIME (MINUTES)		RATE: MINUTES/INCH
			DEPTH FROM TOP OF PIT	ELEVATION	12" - 9"	9" - 6"	
TH 23-09	10/26/2023	213.2	54"	208.7	41	60	20 MPI
TH 23-10a	10/26/2023	216.5	53"	212.1	TEST ABANDONED DUE TO GW INTRUSION		
TH 23-10b	10/26/2023	216.5	30"	214.0	23	42	14 MPI
TH 23-11	10/26/2023	217.6	52"	213.3	120	141	47 MPI

PERCOLATION TEST DATA							
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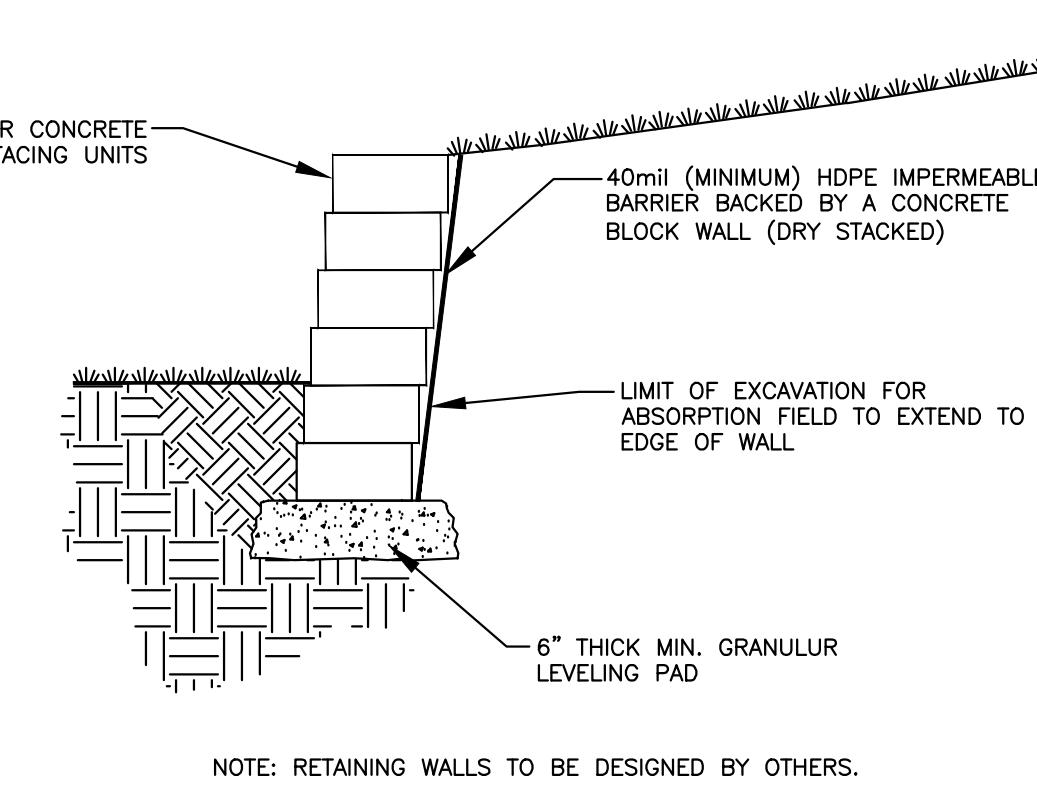
## SUBSURFACE SEWAGE DISPOSAL SYSTEM PROFILE



PRIMARY TRENCH DESIGN DATA									
TRENCH NO.	1 & 2	3 & 4	5 & 6	7 & 8	9 & 10	11 & 12	13 & 14	15 & 16	17 & 18
MINIMUM FINISH GRADE	225.37	224.87	224.37	223.87	223.37	222.87	222.37	221.87	221.37
MAXIMUM FINISH GRADE	223.37	222.87	222.37	221.87	221.37	220.87	220.37	219.87	219.37
OUTLET ELEVATION AT BEGINNING	222.37	221.87	221.37	220.87	220.37	219.87	219.37	218.87	218.37
OUTLET ELEVATION AT END	221.91	221.41	220.91	220.41	219.91	219.41	218.91	218.41	217.91
IRT ELEVATION AT BEGINNING	221.85	221.35	220.85	220.35	219.85	219.35	218.85	218.35	217.85
IRT ELEVATION AT END	221.39	220.89	220.39	219.89	219.39	218.89	218.39	217.89	217.39
STOM OF STONE ELEVATION	219.39	218.89	218.39	217.89	217.39	216.89	216.39	215.89	215.39
GN GROUNDWATER ELEVATION	215.16	214.59	214.02	213.45	212.82	211.94	211.43	210.63	209.90

## RESERVE TRENCH DESIGN DATA

TRENCH NO.	1 & 2	3 & 4	5 & 6	7 & 8	9 & 10	11 & 12	13 & 14	15 & 16	17 & 18
BOTTOM OF STONE ELEVATION	219.14	218.64	218.14	217.64	217.14	216.64	216.14	215.64	215.14
DESIGN GROUNDWATER ELEVATION	214.86	214.29	213.73	213.12	212.49	211.82	211.02	210.22	209.63



# TYPICAL SECTION—RETAINING WALL WITH IMPERMEABLE BARRIER

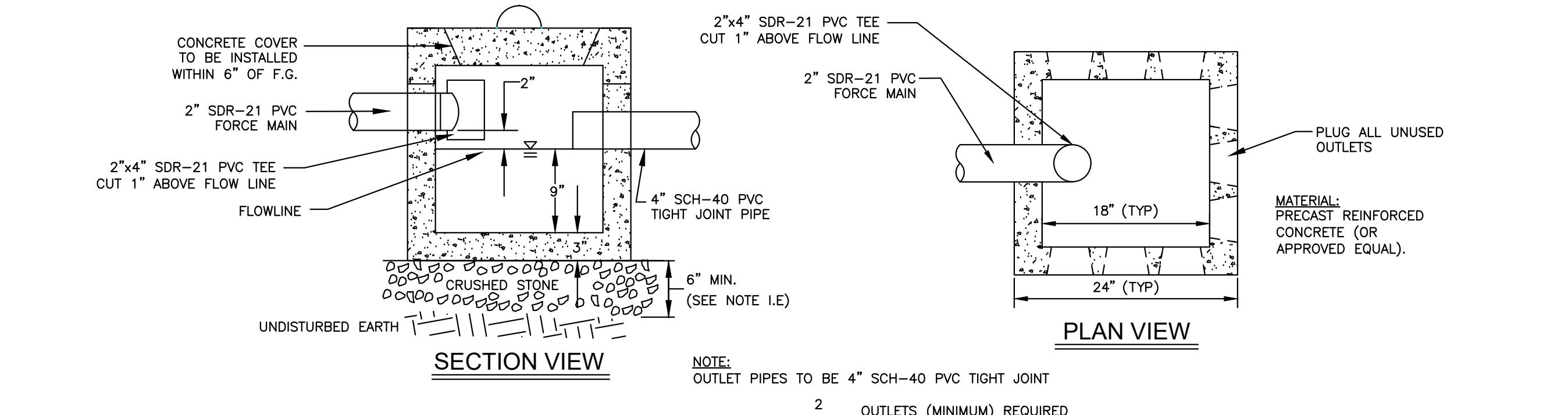
SHEET TITLE:

# SEWAGE DISPOSAL SYSTEM PROFILES & SOILS INFORMATION

SHEET: <b>2 OF 4</b>	<b>BOH-2</b>
PROJECT NO.:	<b>F-25889</b>

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**SECTION VIEW**

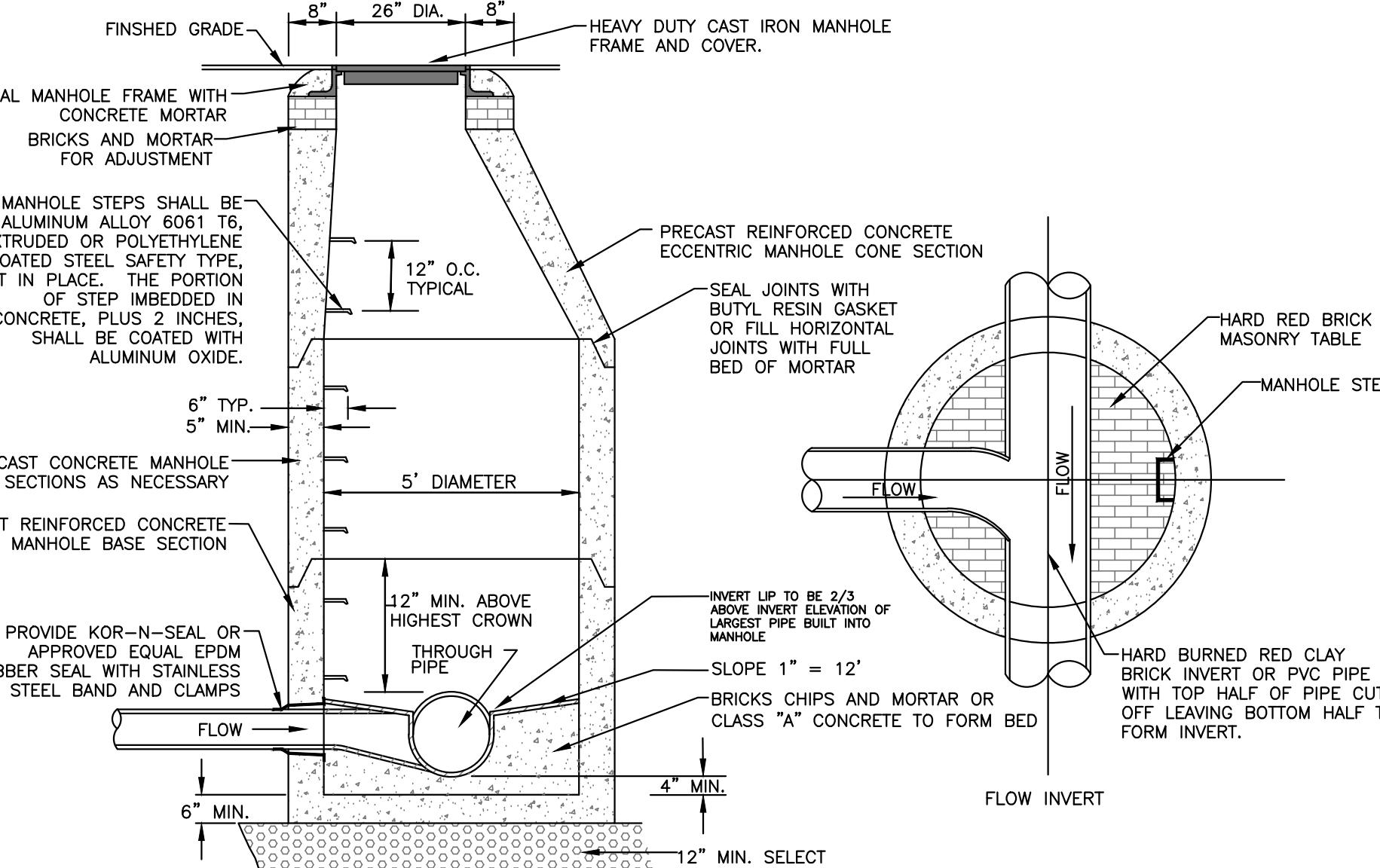
**PLAN VIEW**

NOTE: OUTLET PIPES TO BE 4" SCH-40 PVC TIGHT JOINT  
2 OUTLETS (MINIMUM) REQUIRED  
9 OUTLETS PROVIDED  
H-20 LOADING

NOTES: ALL OUTLET INVERT ELEVATIONS TO BE EQUAL. OUTLET PIPES SHALL BE LEVEL FOR AT LEAST TWO FEET. UNUSED OUTLETS TO BE PLUGGED WITH MORTAR.  
DIMENSIONS SHOWN ARE BASED ON SHEA CONCRETE PRODUCTS, INC. ITEM NO. 9DBH.

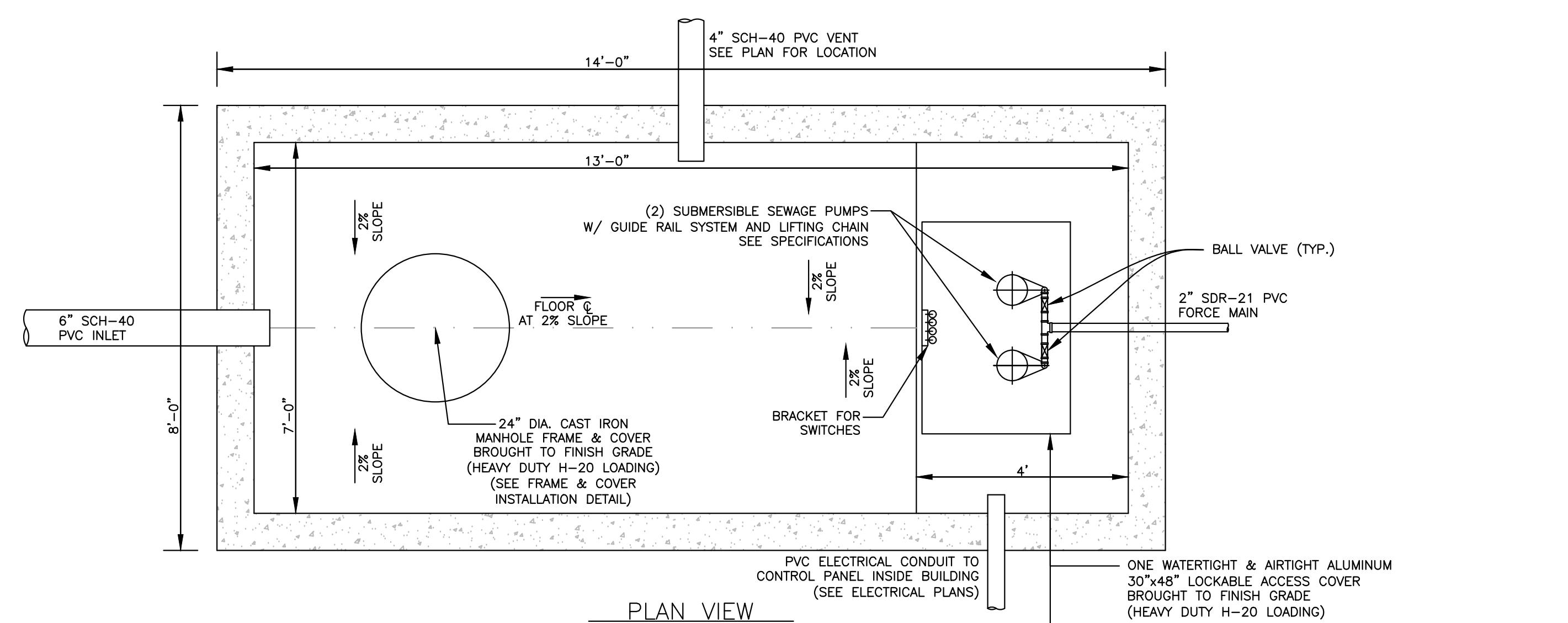
**SPLITTER BOX**

1"=1"

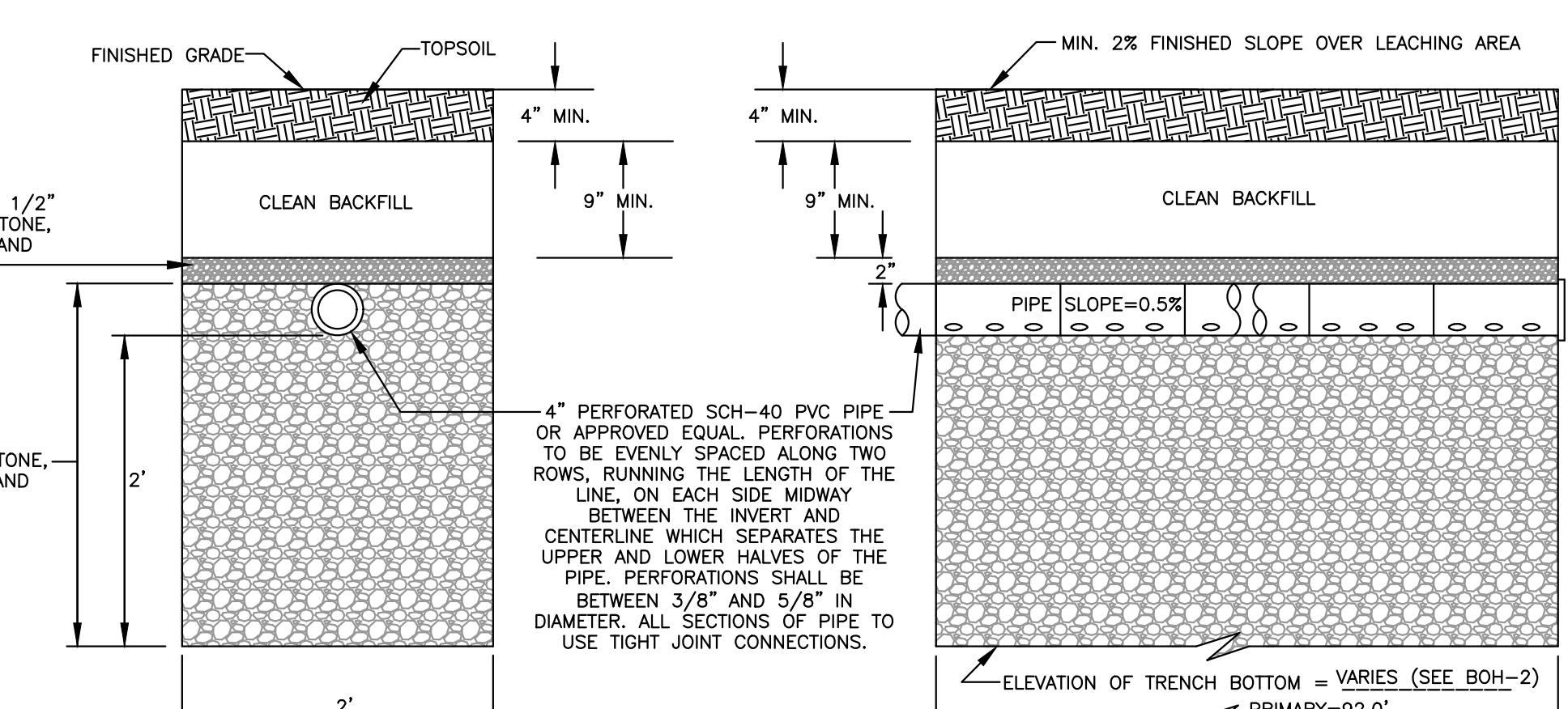


**SEWER MANHOLE DETAIL**

(NO SCALE)

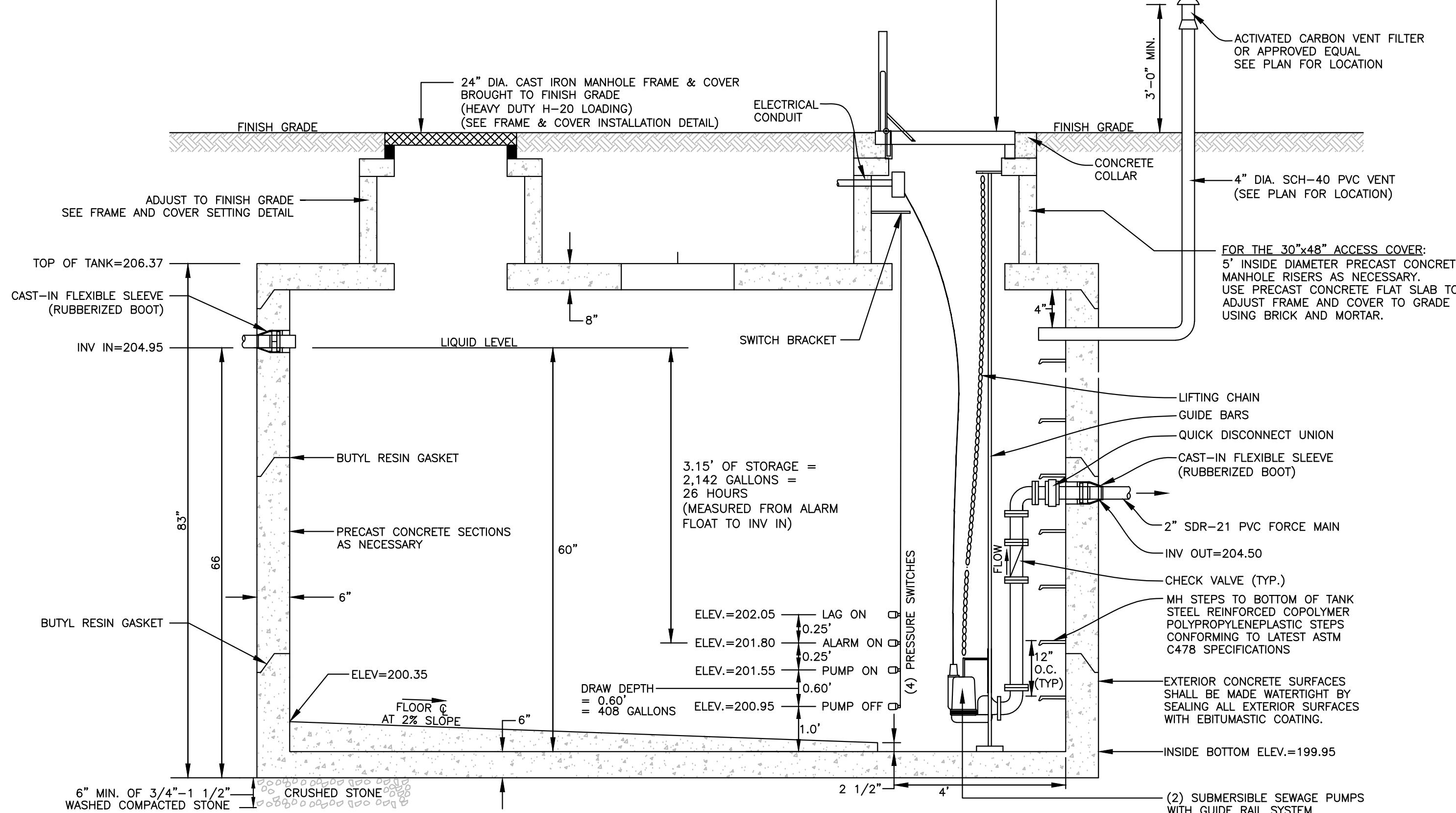


**PLAN VIEW**



**SECTION VIEW**

**PROFILE VIEW**

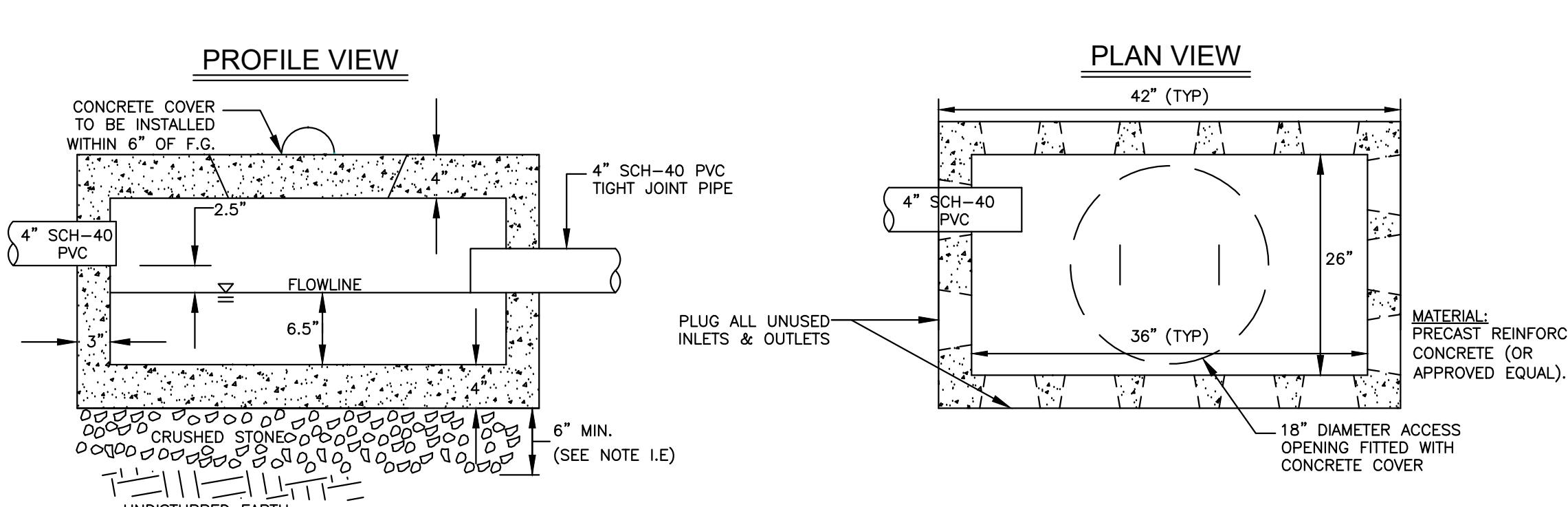


**SECTION VIEW**

DIMENSIONS SHOWN ARE BASED ON SHEA CONCRETE PRODUCTS 3,000 GALLON COMMERCIAL LINE TANK ITEM NO. 8X14-30 (OR APPROVED EQUAL)

**PUMP CHAMBER DETAIL**

(NO SCALE)



**DISTRIBUTION BOX #1 & #2**

1"=1"

NOTE: OUTLET PIPES TO BE 4" SCH-40 PVC TIGHT JOINT  
9 OUTLETS (MINIMUM) REQUIRED  
13 OUTLETS PROVIDED  
H-20 LOADING

NOTES: ALL OUTLET INVERT ELEVATIONS TO BE EQUAL. OUTLET PIPES SHALL BE LEVEL FOR AT LEAST TWO FEET. UNUSED OUTLETS TO BE PLUGGED WITH MORTAR.

DIMENSIONS SHOWN ARE BASED ON SHEA CONCRETE PRODUCTS, INC. ITEM NO. 13DBH.

APPLICANT:  
**FENIX PARTNERS BRUSH HILL, LLC**  
177 LAKE STREET  
SHERBORN, MA 01770

OWNER:  
**FENIX PARTNERS BRUSH HILL, LLC**  
ref.  
**MIDDLESEX REGISTRY OF DEEDS**  
BOOK: 81892 PAGE: 265

PARCEL ID:

**MAP 1, LOT 0, BLOCK 18**



F-25889 BOH-2

NO. APP. DATE DESCRIPTION

DATE: **JUNE 26, 2024**

SCALE: **AS NOTED**

DESIGN: **JAL/KMR** DRAFTED: **KMR** CHECKED: **BEC**

PROJECT TITLE:

## BRUSH HILL HOMES

34 BRUSH HILL ROAD  
SHERBORN, MA 01770

SHEET TITLE:

## SEWAGE DISPOSAL SYSTEM DETAILS

SHEET: **4 OF 4**

PROJECT NO.: **F-25889**

**BOH-4**

F-1 F-25889 (F-25889 Fenix 34 Brush Hill Rd Sherborn MA Correspondence Sent 2024-06-26 To: Sherborn MA Correspondence Sent 2024-06-26 To: Sherborn MA)

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**APPLICANT:**  
**FENIX PARTNERS BRUSH HILL, LLC**  
**177 LAKE STREET**  
**SHERBORN, MA 01770**

OWNER:  
**FENIX PARTNERS BRUSH HILL, LLC**  
ref.  
**MIDDLESEX REGISTRY OF DEEDS**  
**BOOK: 81892 PAGE: 265**

PARCEL ID:

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ISSUED FOR: **COMPREHENSIVE  
PERMIT APPLICATION**

O.	APP	DATE	DESCRIPTION
		DATE: <b>JUNE 26, 2024</b>	

SCALE: **1" = 40'**

DESIGN: <b>KMR</b>	DRAFTED: <b>KMR</b>	CHECKED: <b>BEC</b>
PROJECT TITLE: _____		

## PROJECT TITLE:

# **BRUSH HILL HOMES**

**34 BRUSH HILL ROAD  
SHERBORN, MA 01770**

**SHEET TITLE:**

## OVERALL SITE PLAN

SHEET:  
**2 OF 17**

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