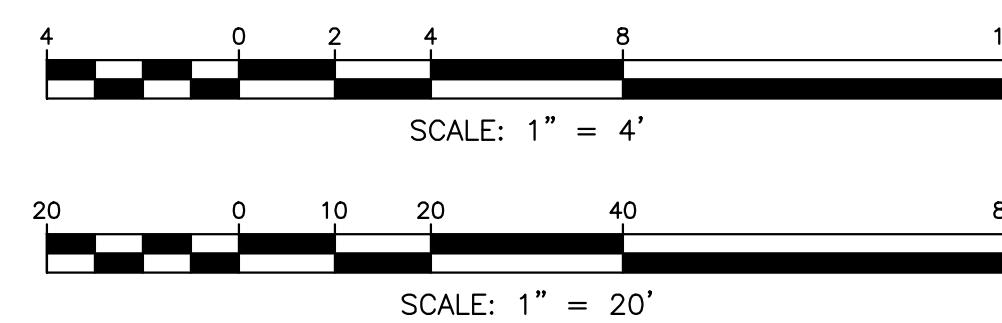


PRIMARY TRENCH DESIGN DATA

TRENCH NO.	1 & 2	3 & 4	5 & 6	7 & 8	9 & 10	11 & 12
BREAKOUT ELEVATION AT BEGINNING	218.80	218.30	217.80	217.30	216.80	216.30
BREAKOUT ELEVATION AT END	218.30	217.80	217.30	216.80	216.30	215.80
INVERT ELEVATION AT BEGINNING	218.30	217.80	217.30	216.80	216.30	215.80
INVERT ELEVATION AT END	217.90	217.40	216.90	216.40	215.90	215.40
BOTTOM OF STONE ELEVATION	215.90	215.40	214.90	214.40	213.90	213.40
DESIGN GROUNDWATER ELEVATION	211.83	211.40	210.81	210.21	209.62	209.09

RESERVE TRENCH DESIGN DATA

TRENCH NO.	1 & 2	3 & 4	5 & 6	7 & 8	9 & 10	11 & 12
BOTTOM OF STONE ELEVATION	215.65	215.15	214.65	214.15	213.65	213.15
DESIGN GROUNDWATER ELEVATION	211.65	211.10	210.51	209.91	209.32	208.72



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

Site Plan Drawing

BERT E. COREY CIVIL No. 48423 PROFESSIONAL ENGINEER REGISTERED		
3	BEC	1/15/25 PER BOH REVIEW COMMENTS
2	BEC	12/23/24 REVISED SITE DESIGN
1	BEC	9/23/24 PER BOH REVIEW COMMENTS
NO.	APP	DATE
DESCRIPTION		
DATE: JUNE 26, 2024		
SCALE: AS NOTED		
DESIGN:	DRAFTED:	CHECKED:
KMR	KMR	BEC

PROJECT TITLE: Correspondence Sent (2025-01-15 to Sherborn Comm. Permit Pd & BOH R3) F-25889

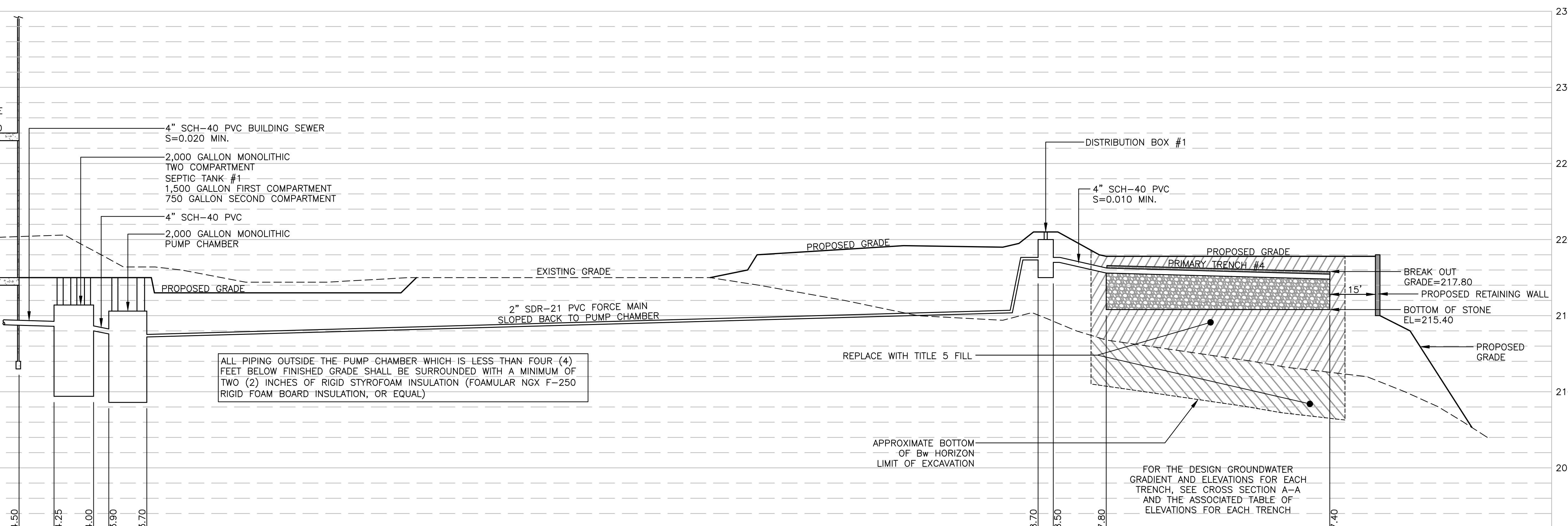
Bert E. Corey
11/15/25

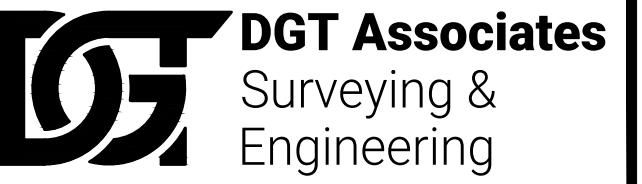
**BRUSH HILL
HOMES**

34 BRUSH HILL ROAD
SHERBORN, MA 01770

SHEET TITLE:
**SEWAGE DISPOSAL
SYSTEM PROFILE
& CROSS SECTION A-A**

SHEET:
2 OF 5
PROJECT NO.:
F-25889
BOH-2





BOY Associates

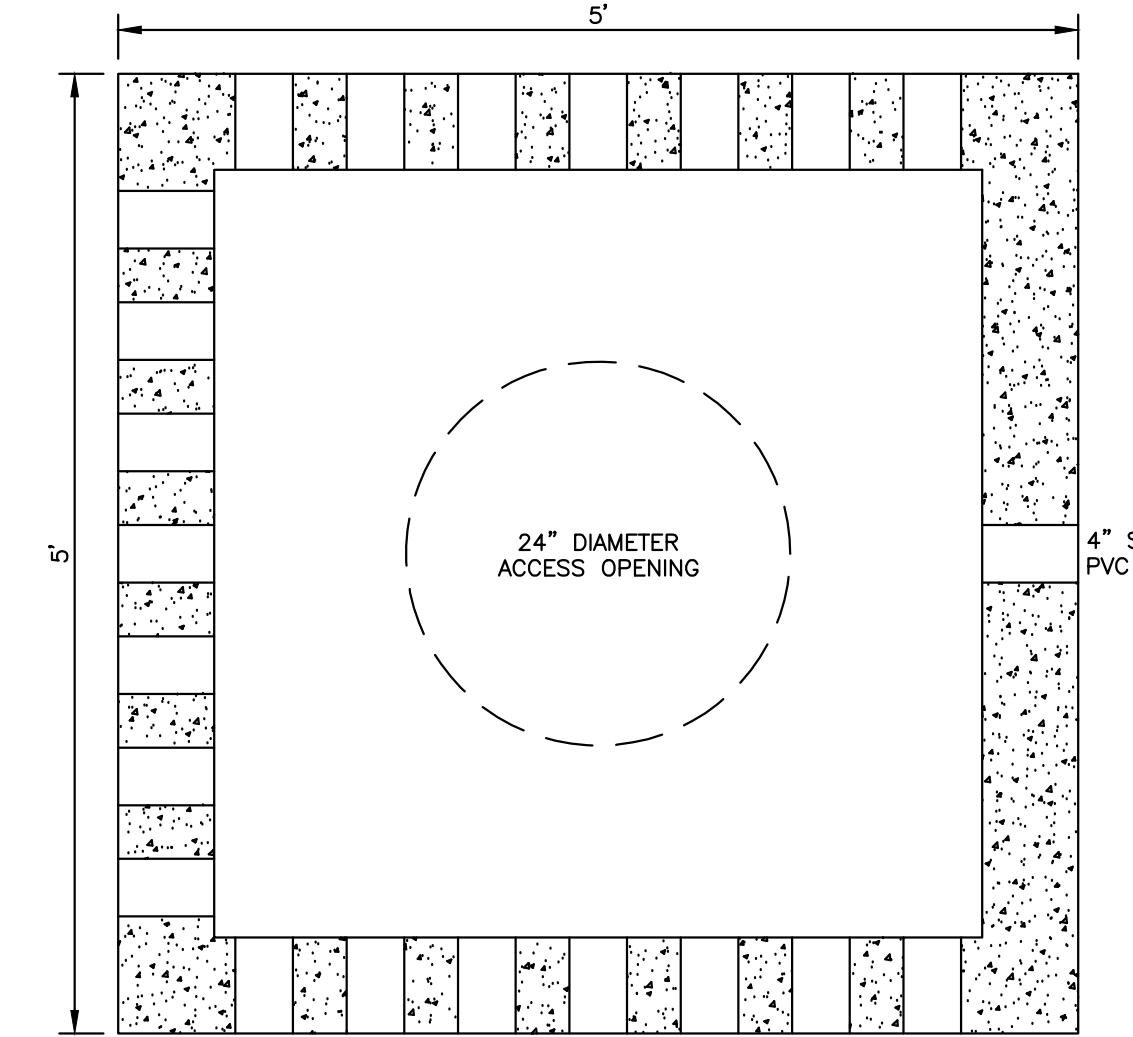
Surveying & Engineering

Framingham
Boston • Worcester • Preston, CT

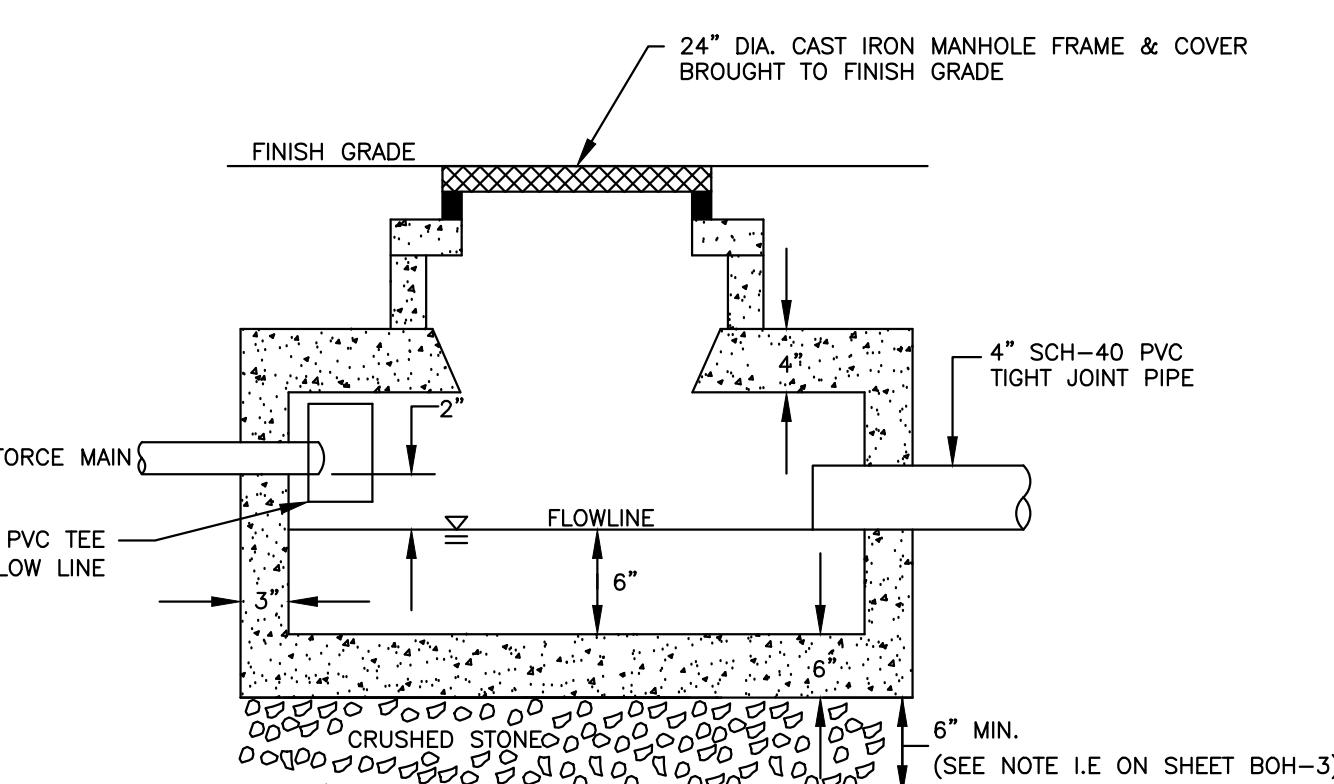
1071 Worcester Road
Framingham, MA 01701
508-879-0030

www.DGTassociates.com

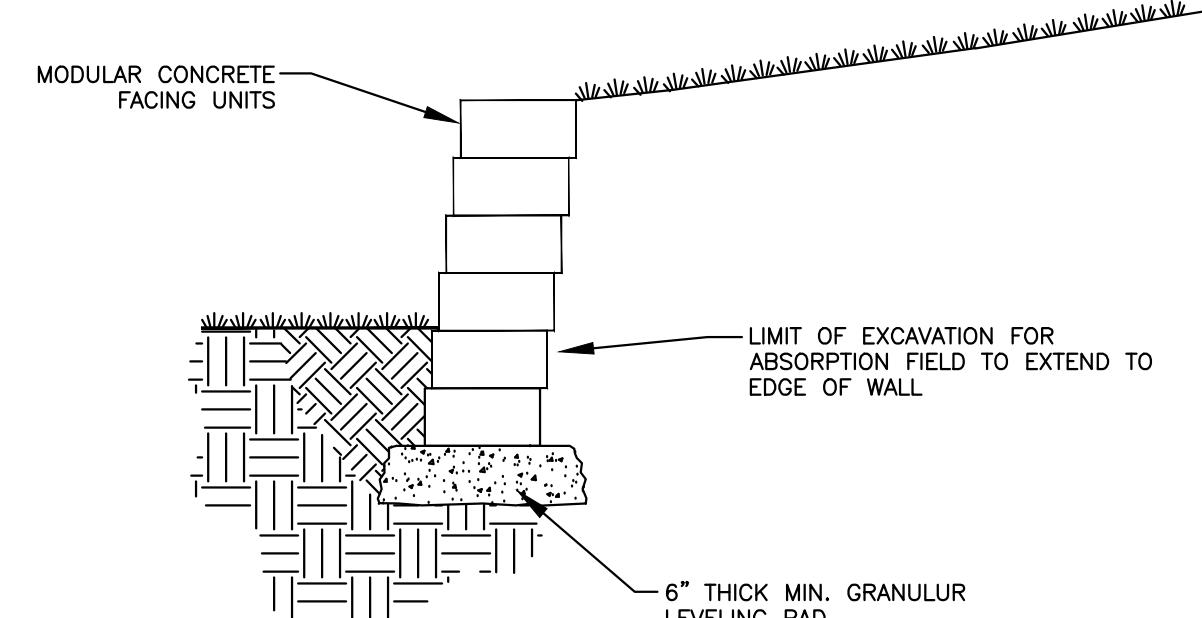
www.DGTassociates.com



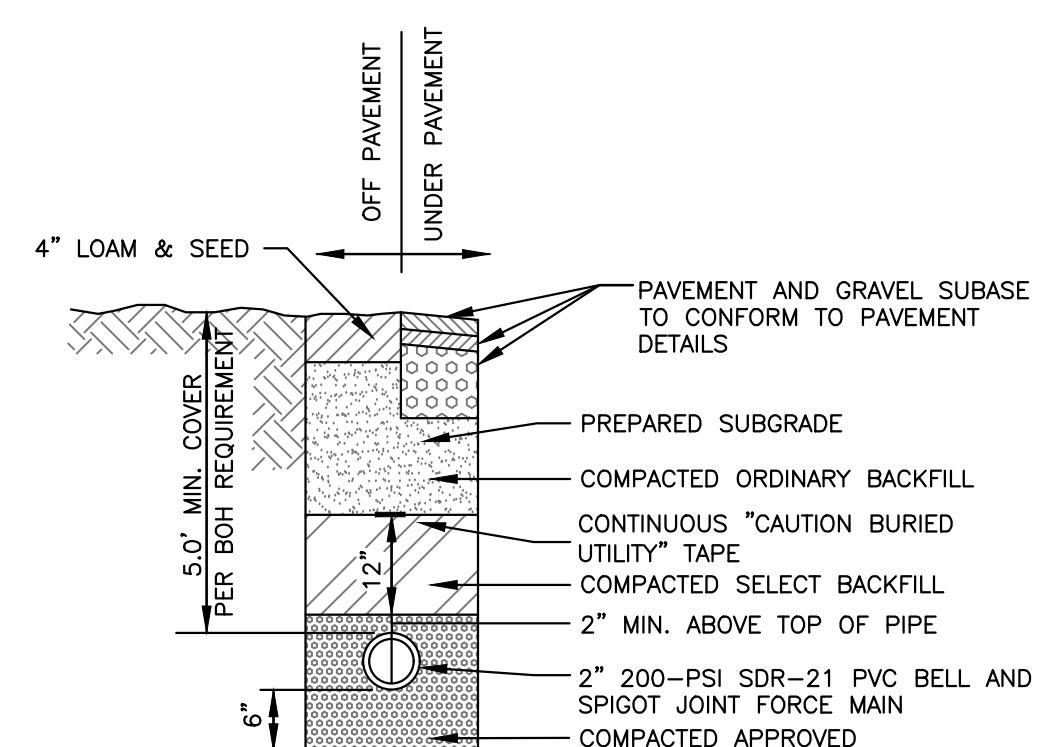
PLAN VIEW



DISTURBED EARTH PROFILE VIEW



TYPICAL SECTION—RETAINING WALL

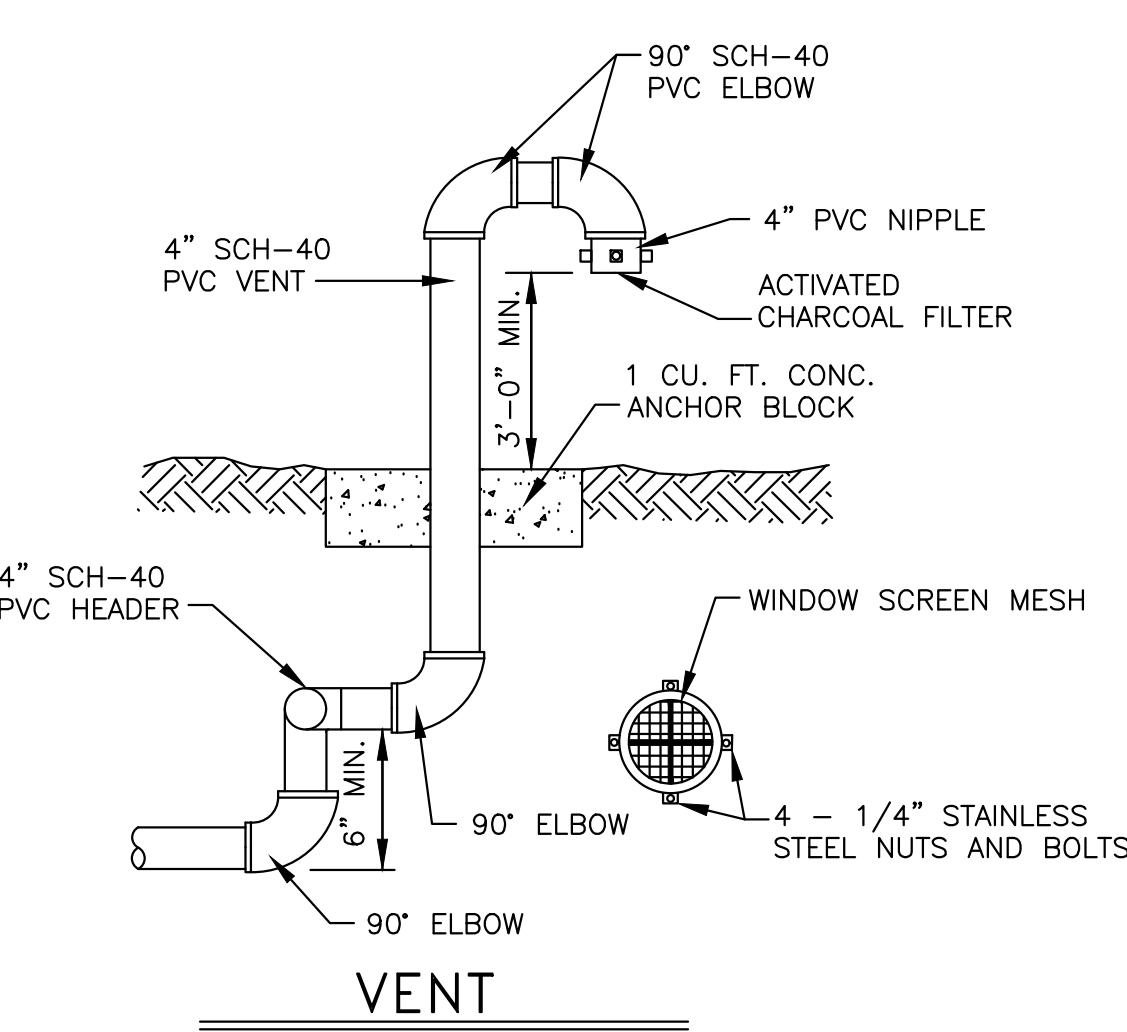


CH BACKFILL SHALL CONFORM TO THE
OWING SPECIFICATIONS AS CONTAINED IN
ACHUSETTS HIGHWAY DEPARTMENT; STANDARDS
SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.

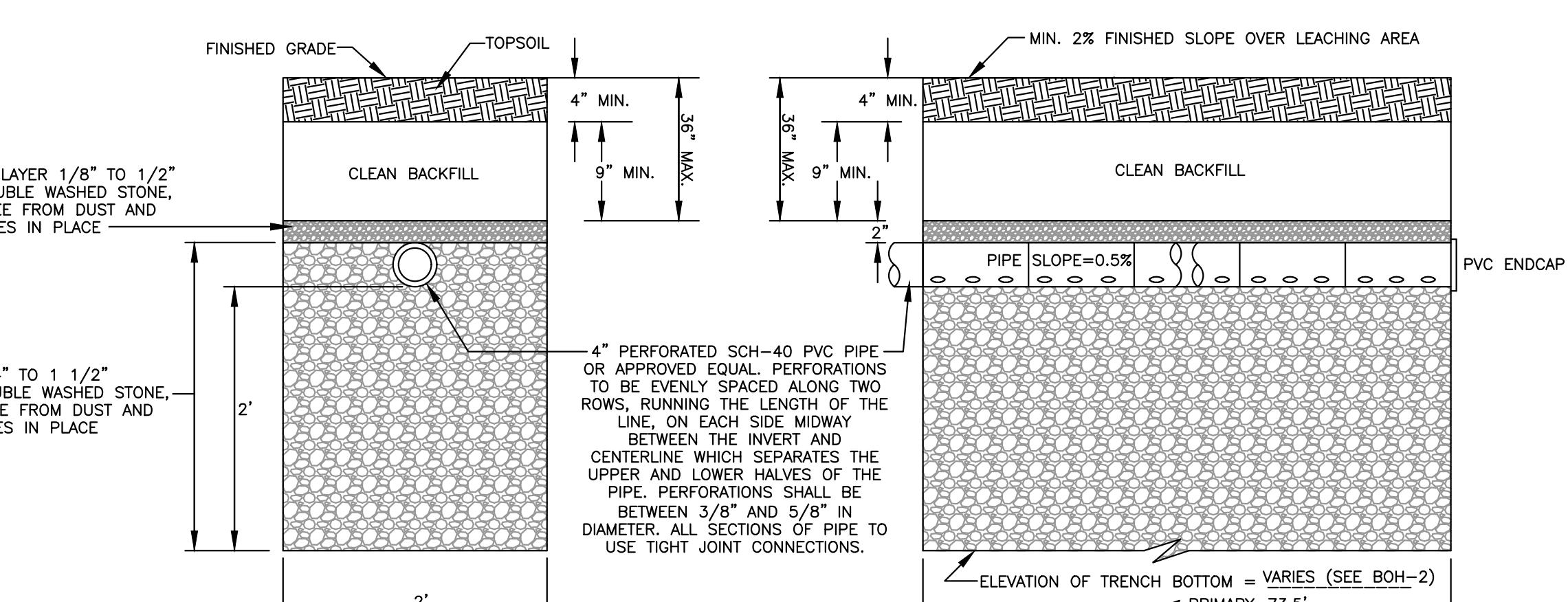
BACKFILL FOR FORCE MAIN BEDDING SHALL
FORM WITH M1.04.0 TYPE B 'SAND BORROW'.

CT BACKFILL SHALL BE ON-SITE SOIL OR
RTED BACKFILL CONFORMING WITH M.1.02.0
SPECIAL BORROW" WITH NO STONES LARGER
3 INCHES.

NARY BACKFILL SHALL CONSIST OF ON-SITE
MPORTED BACKFILL MEETING M1.01.0 WITH NO



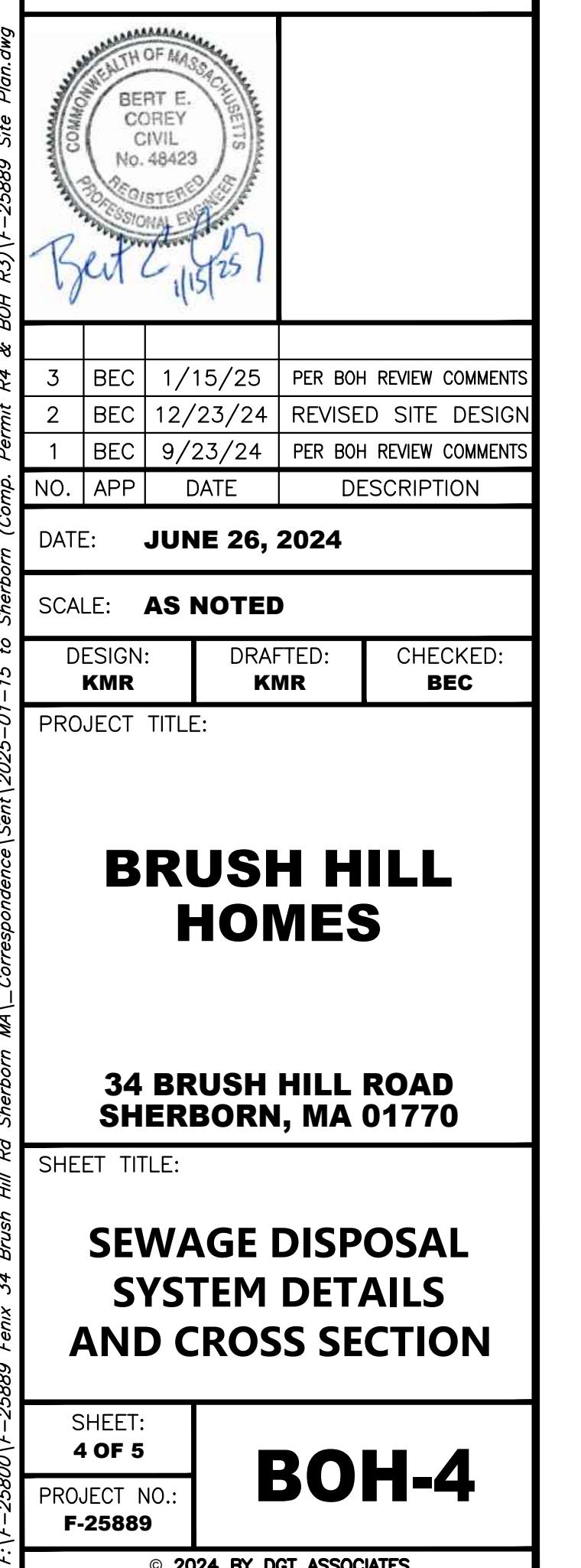
VENT



SECTION VIEW



SOIL ABSORPTION SYSTEM

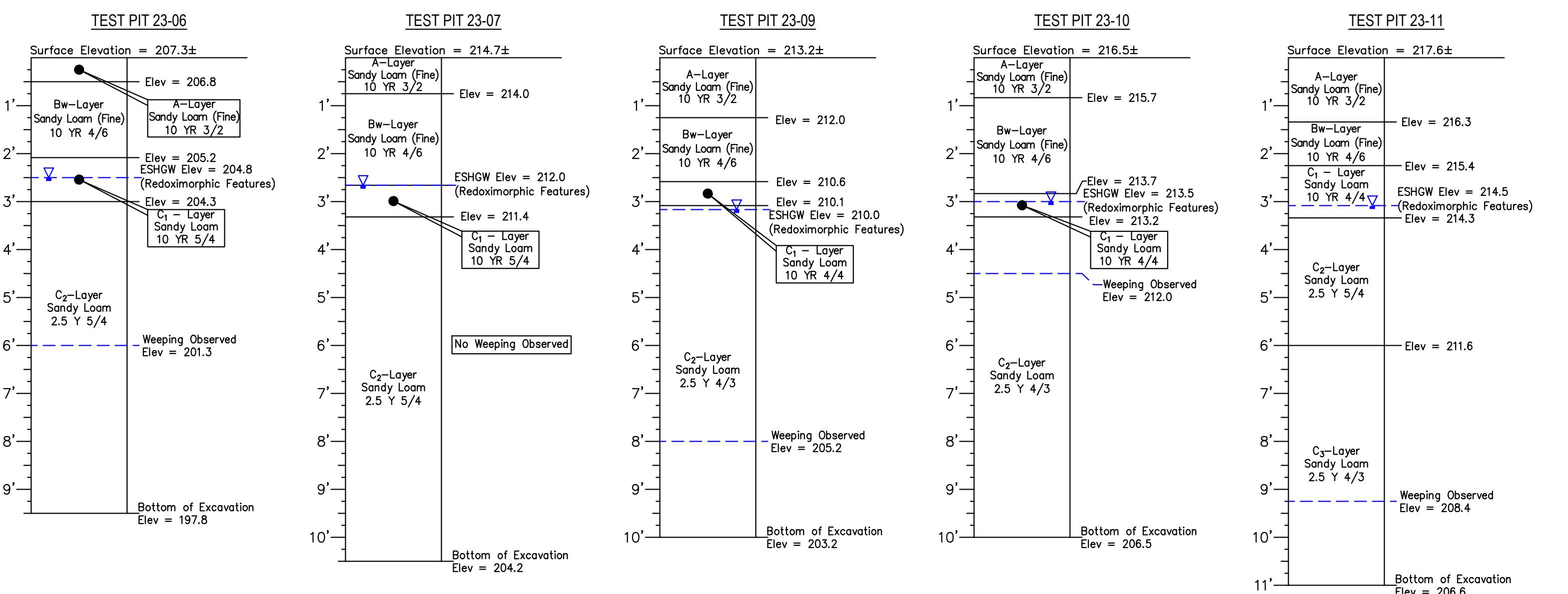


SHERBORN, MA 01770

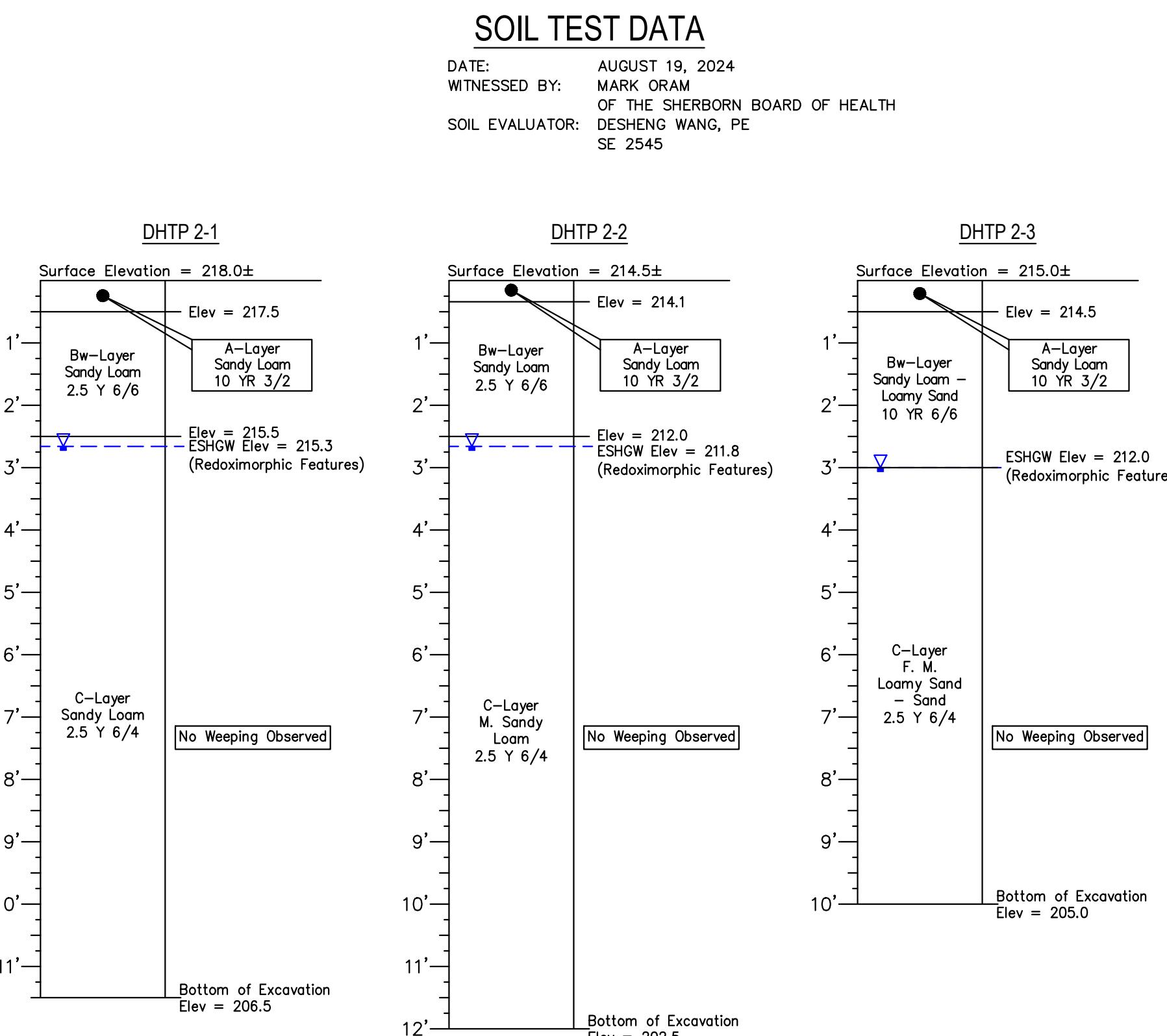
SEWAGE DISPOSAL SYSTEM DETAILS AND CROSS SECTION

SHEET: 4 OF 5	BOH-4
PROJECT NO.: F-25889	

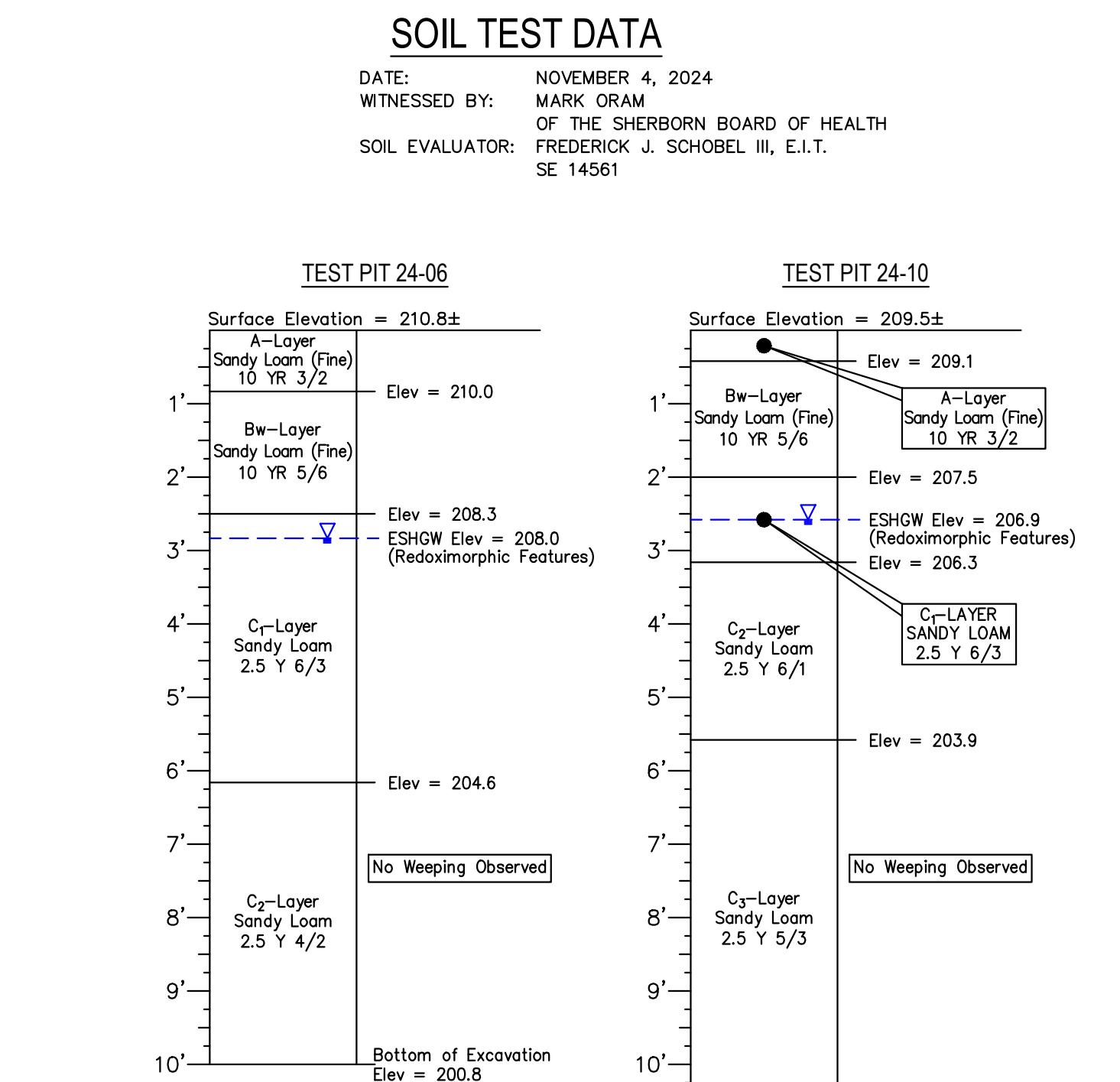
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PERCOLATION TEST DATA							
TEST PIT NO.	DATE	SURFACE ELEVATION	TOP OF 12" OF WATER		INTERVAL TIME (MINUTES)		RATE: MINUTES/INCH
			DEPTH FROM TOP OF PIT	ELEVATION	12" - 9"	9" - 6"	
TH 23-09	10/26/2023	213.2	54"	208.7	41	60	20 MPI
TH 23-10a	10/26/2023	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							
TEST PIT NO.	DATE	SURFACE ELEVATION	TOP OF 12" OF WATER		INTERVAL TIME (MINUTES)		RATE: MINUTES/INC
			DEPTH FROM TOP OF PIT	ELEVATION	12" - 9"	9" - 6"	
DHTP 2-1	8/19/2024	217.5	54"	213.9	98	199	67 MPI
DHTP 2-3	8/19/2024	214.5	50"	210.3	43	115	39 MPI
DHTP 2-2a	8/19/2024	214.0	72"	208.0	11	18	6 MPI
DHTP 2-2b	8/19/2024	214.0	30"	211.5	4	7	3 MPI



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 24-06	11/4/2024	210.8	48"	206.8	36	58	20 MPI

Table 1. Summary of the main characteristics of the four groups of patients.

			
3	BEC	1/15/25	PER BOH REVIEW COMMENTS
2	BEC	12/23/24	REVISED SITE DESIGN
1	BEC	9/23/24	PER BOH REVIEW COMMENTS
0.	APP	DATE	DESCRIPTION
DATE: JUNE 26, 2024			
SCALE: AS NOTED			
DESIGN: KMR		DRAFTED: KMR	CHECKED: BEC
PROJECT TITLE: BRUSH HILL HOMES			
34 BRUSH HILL ROAD SHERBORN, MA 01770			
SHEET TITLE: SOILS INFORMATION			
SHEET: 5 OF 5		BOH-5	
PROJECT NO.: F-25889			

BRUSH HILL HOMES

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

SOILS INFORMATION

SHEET: 5 OF 5	BOH-5
PROJECT NO.:	F-25889