

**From:** Geoff Engler <gengler@s-e-b.com>  
**Sent:** Wednesday, July 27, 2022 1:03 PM  
**To:** smellish11@comcast.net; Sue Brown <browns@manchester.ma.us>  
**Cc:** George Pucci <GPucci@k-plaw.com>; Jay Talerman <jay@mtclawyers.com>; Carlton Quinn <cquinn@allenmajor.com>; Stacy Minihane <sminihane@bealsandthomas.com>; Andrew Gorman <agorman@bealsandthomas.com>; Matthew Cote <mcote@bealsandthomas.com>  
**Subject:** Two quick notes: SLV School Street

Madam Chair,

We thought it would helpful for the record if we submitted a response to the two comments I included below which were extracted from the latest B&T report. The attached cross section was prepared in part to demonstrate how we plan to address the B&T concerns.

We wanted to get this submitted for the record.

Also, if Ok with the ZBA, I'd like to make a few summary remarks tonight prior to the close of the public hearing.

I look forward to speaking with you and the Board this evening.

Best regards,

Geoff Engler

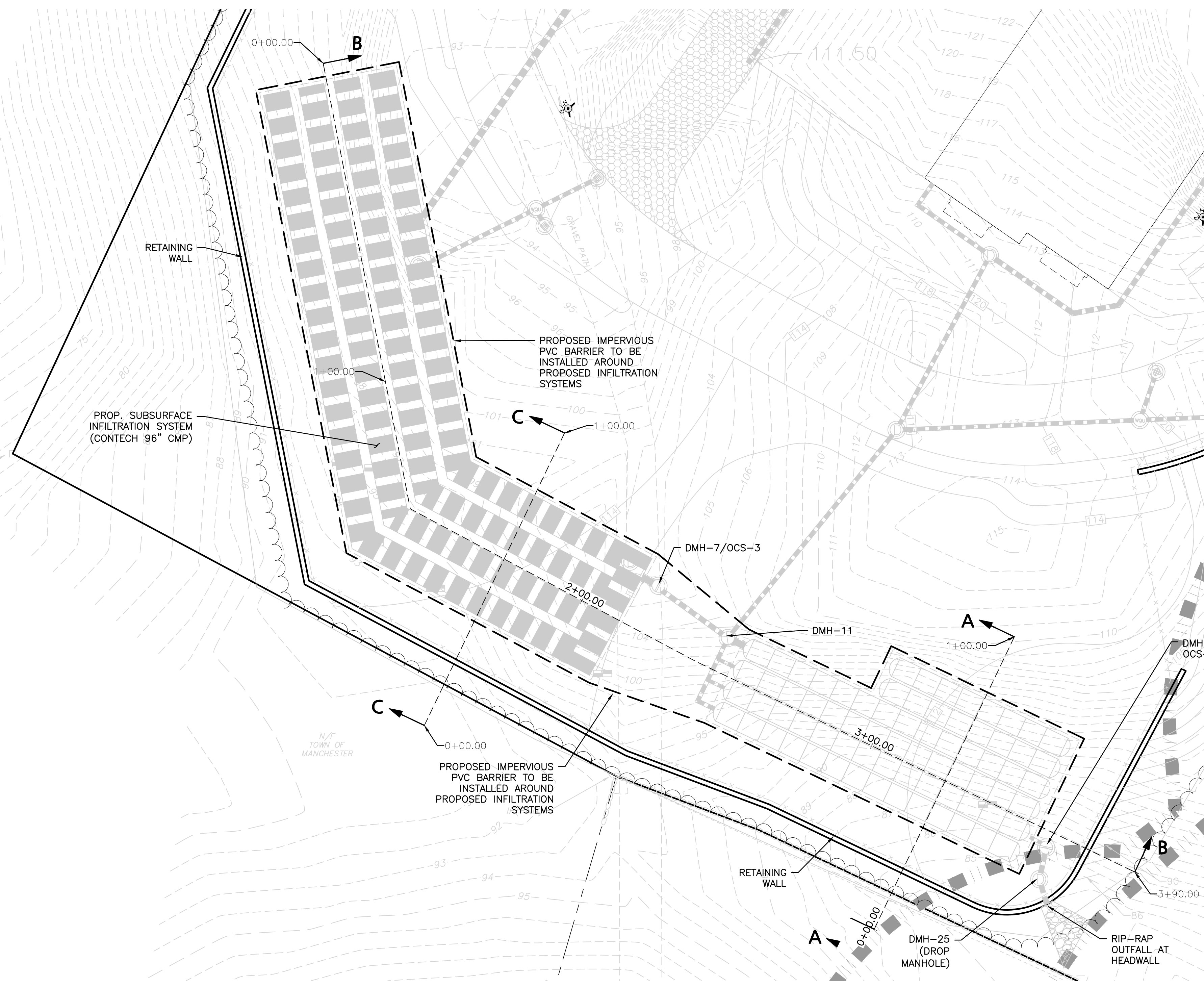
Upon further review, it is our opinion that additional information is warranted to determine if the Project will alter the hydrologic regime of the vernal pools. Specifically, we note the following items for further consideration during the Notice of Intent process:

*– The design of the southern retaining wall remains pending. Proximity of the retaining wall to the infiltration basin may result in lateral instead of vertical movement of infiltrated stormwater, which would be more likely to affect vernal pool hydrology. Specifically, that stormwater could discharge tributary to the vernal pools in lieu of recharging groundwater.*

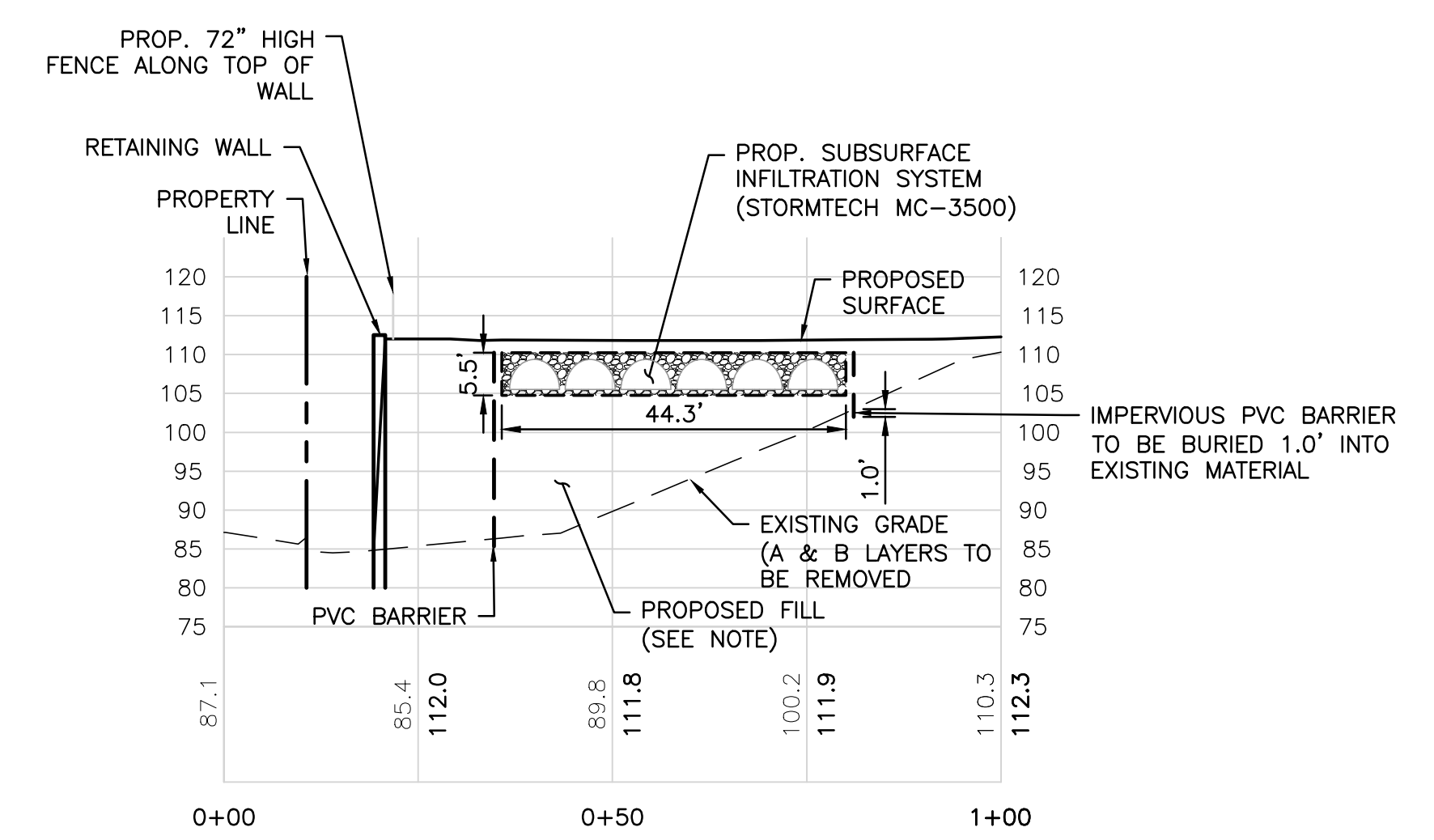
*– Hydrogeologic information for the path of flow from Underground Infiltration System-1 and Underground Infiltration System-2 has not been specifically determined. The Applicant should confirm that subsurface conditions throughout the systems (i.e. soil texture, presence of restrictive layers, and/or refusal) will allow vertical flow of infiltrated water vs. horizontal flow.*

Geoffrey Engler  
Strategic Land Ventures, LLC  
SEB, LLC  
257 Hillside Avenue  
Needham, MA. 02494

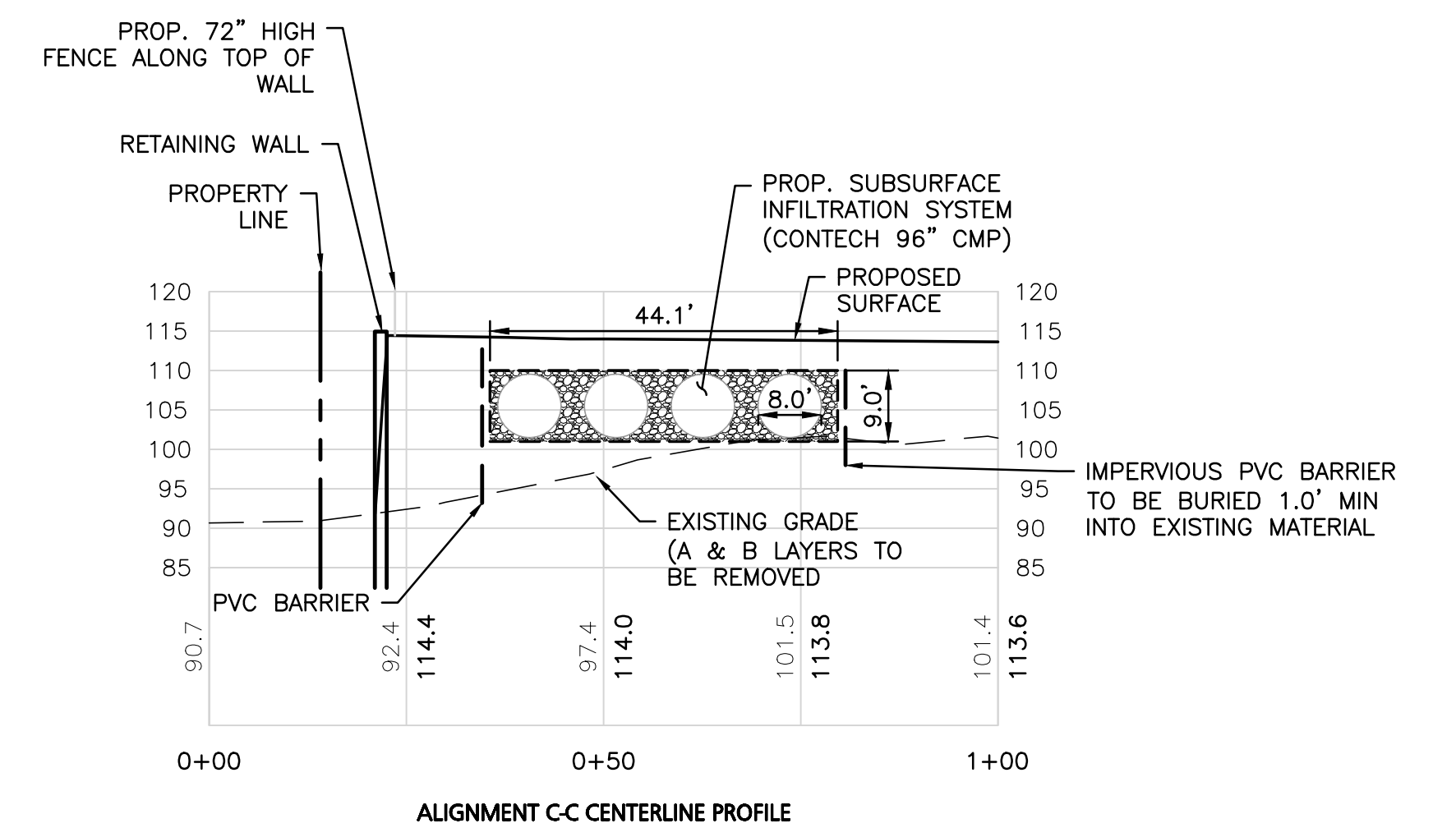
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(617) 276-7261 (cell)



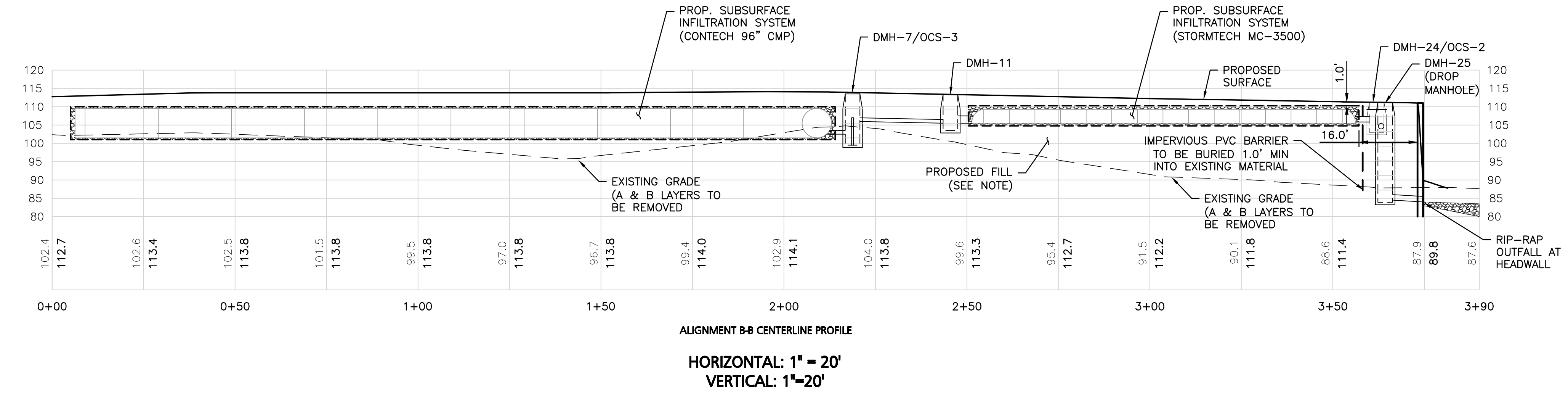
PLAN VIEW  
1" = 20'



ALIGNMENT A-A CENTERLINE PROFILE  
HORIZONTAL: 1" = 20'  
VERTICAL: 1" = 20'



ALIGNMENT C-C CENTERLINE PROFILE  
HORIZONTAL: 1" = 20'  
VERTICAL: 1" = 20'



ALIGNMENT B-B CENTERLINE PROFILE  
HORIZONTAL: 1" = 20'  
VERTICAL: 1" = 20'

- NOTES:
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
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  - THE CONTRACTOR SHALL CONTACT "DIGSAFE" AND THE AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST THE LOCATION OF THE EXISTING UTILITIES. DIGSAFE: 1-888-344-7233
  - FILL MATERIAL SHALL BE "COMPACTED GRANULAR FILL" CONSISTING OF NATURAL SAND, GRAVEL, OR GRAVELLY SAND, FREE OF ORGANIC MATERIAL, ENVIRONMENTALLY IMPACTED MATERIAL, SNOW, ICE, FROZEN SOIL, RECYCLED OR DELETERIOUS MATERIAL, WELL GRADED WITHIN THE FOLLOWING LIMITS:
- | SIEVE SIZE | % FINER BY WEIGHT |
|------------|-------------------|
| No. 3      | 100               |
| No. 4      | 30-80             |
| No. 40     | 10-50             |
| No. 200    | 0-10              |



ISSUED FOR REVIEW  
JULY 27, 2022

PROFESSIONAL ENGINEER FOR ALLEN & MAJOR ASSOCIATES, INC.

REV	DATE	DESCRIPTION
C	05-25-2022	REVISED PER COMMENTS
B	05-05-2022	REVISED PER COMMENTS
A	03-23-2022	REVISED PER COMMENTS

APPLICANT/OWNER:  
SLV SCHOOL STREET, LLC  
257 HILLSIDE AVENUE  
NEEDHAM, MA 02494

PROJECT:  
THE SANCTUARY  
SCHOOL STREET  
MANCHESTER-BY-THE-SEA, MA

PROJECT NO. 2725-01 DATE: 07-16-2021  
SCALE: 1"=40' DWG. NAME: C-2725-01  
DESIGNED BY: CMQ/SIL CHECKED BY: CMQ

PREPARED BY:

**ALLEN & MAJOR ASSOCIATES, INC.**  
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environmental consulting • landscape architecture  
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DRAWING TITLE: IMPERVIOUS BARRIER/ INFILTRATION SYSTEM CROSS-SECTIONS EXHIBIT SHEET No. C-203