

DESIGN NOTES:

Design Storm Event: 25 Year 1-Hour storm
2.3 Inches/Hour (0.1917 Ft.)
8'x8' Drainage Basin Capacity ±800 Cu.Ft./Hour

RUN OF CALCULATIONS:

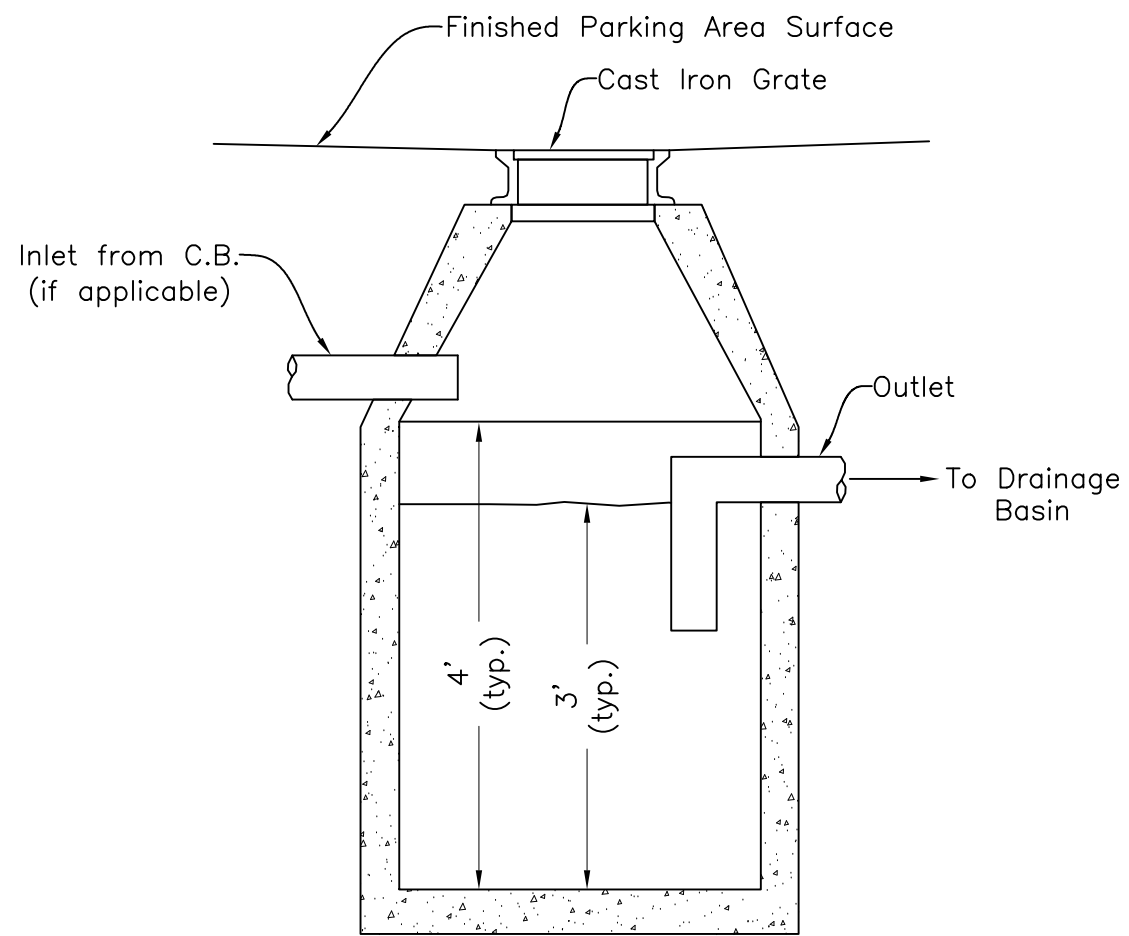
Building Area = ±4,490 Sq.Ft.
Paved Surface = 11,105 + 3,220 = 14,325 Sq.Ft.
Total Area = 18,815 Sq.Ft.
Runoff = 18,815 Sq.Ft. x 0.1917 Ft. = 3,606 Cu.Ft.
Drainage Capacity = (5 Pits) x (800 Cu.Ft./Pit) = 4,000 Cu.Ft.

NOTES:

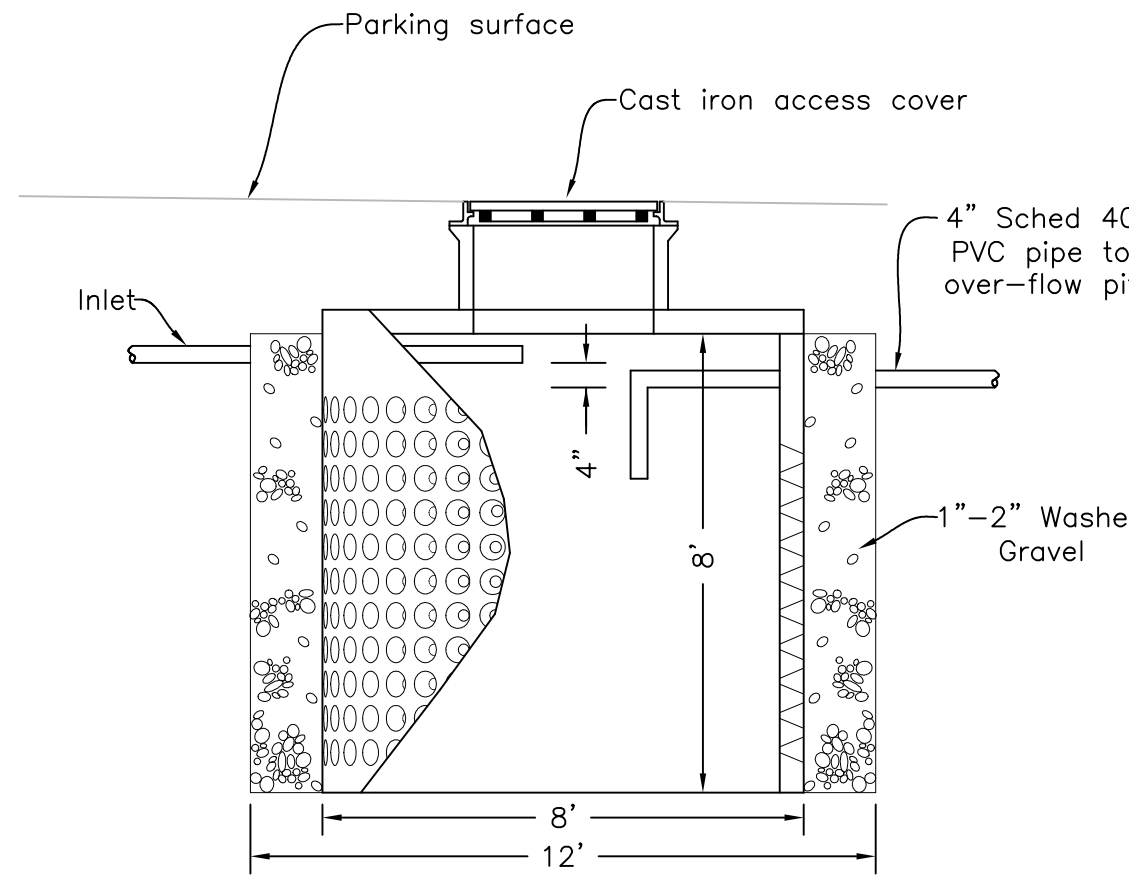
1. This plan is intended for the purposes of design and location of a sub-surface drainage system to handle stormwater roof and parking area runoff.
2. Construction of the drainage system shall not occur during periods of rain or snow to avoid siltation.
3. Gravel used shall for the Drainage structures shall be 1" - 2" washed stone unless otherwise specified.
4. Drainage pits have be designed for clean sands with a permeability of 5 ft per day or less as per soil testing performed by VLSE. If soil conditions found during excavation difer from clean sand, the design engineer shall be notified before proceeding with the installation.
5. There shall be no heavy machinery used within 3' above any leaching area, to avoid compaction.
6. The down spout drain line shall consist of 4" shed. 40 PVC solid pipe and have a negative pitch to the leaching area of 2% minimum.
7. Elevation Datum ±U.S.G.S.
8. Roof runoff calculation is based on assumed roof and parking area contribution areas for a 1 hour 10 year storm event.

LEGEND:

- Denotes Down Spout Drain



CATCH BASIN (H-20)
(detail not to scale)

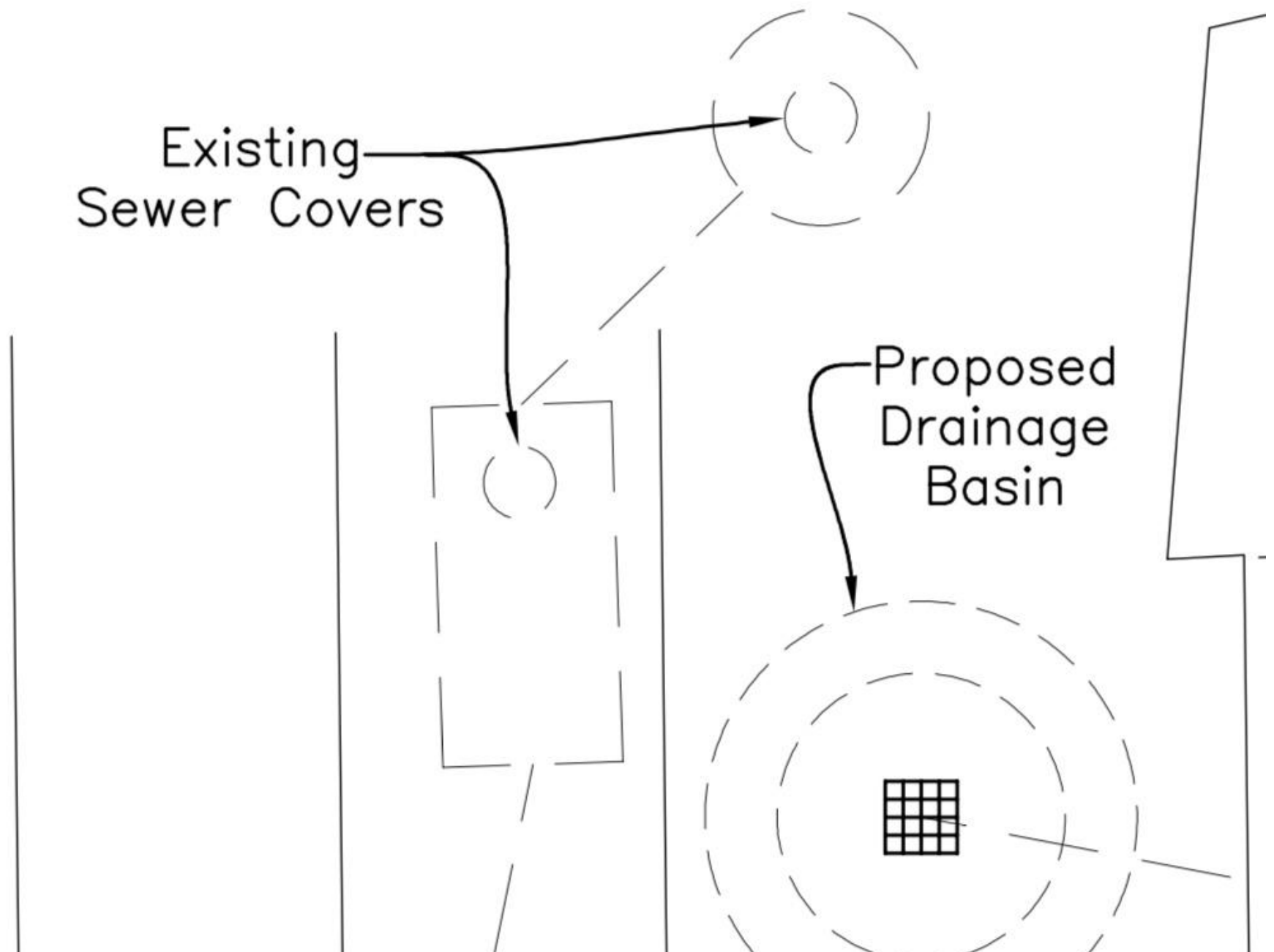


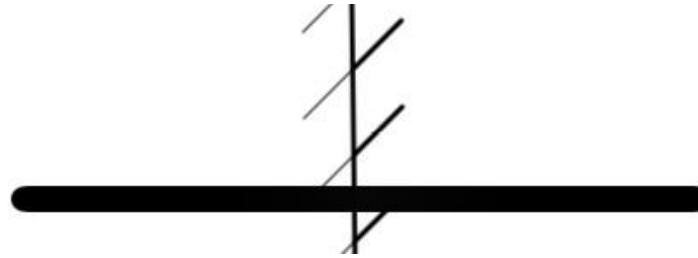
DRAINAGE BASIN (H-20)
(detail not to scale)

Parking & Stormwater Drainage
Plan in
Tisbury, Mass.
Prepared for
Main Street Medicinals, LLC
Scale 1" = 10' January 20, 2022



Existing
Sewer Covers





Hi Alex,

I spoke with Reid, the rectangular box around the existing sewer cover is the septic tanks location. I apologize that these exhibits weren't more clear.

Best,
Noah

From: Alex Elvin <elvin@mvcommission.org>
Sent: Thursday, February 17, 2022 6:31 PM
To: Noah Eisendrath
Cc: Josh Silver
Subject: Re: MVC memo - Main St. Medicinals

Thanks. Please keep me posted about the septic tank location.

Alex Elvin
Development of Regional Impact (DRI) Coordinator
Martha's Vineyard Commission
The Olde Stone Building
33 New York Avenue
Oak Bluffs, MA 02557
(774) 563-5363

From: Noah Eisendrath <noah@mainstreetcanna.com>
Sent: Thursday, February 17, 2022 11:07 AM
To: Alex Elvin
Cc: Josh Silver
Subject: Re: MVC memo - Main St. Medicinals

Hi Alex,

Please see below for answers to your questions.

Best,
Noah
