CHAPTER 40B - Residential Development

16 - Single-Family Units6 Duplexes - 12 Units

TOTAL UNITS- 28 Units

Proposed Roadway- 980 l.f.±

Subject Property & Zoning Information

TAX MAP 248 LOT 42 COW POND BROOK ROAD GROTON. MASSACHUSETTS

1. PROPERTY OWNER AND APPLICANT:

DEFCON 1 LLC 390 Broadway Road Dracut, MA 01826 Book 13059, Page 697

- 2. TOTAL LOT AREA 14.5 ACRES (Town of Groton Assessor's Records)
- 3. BOUNDARY, WETLANDS AND TOPOGRAPHIC INFORMATION DERIVED FROM TOWN OF GROTON GIS AND RECORD PLANS.
- THE PROJECT IS TO BE SERVICED BY MUNICIPAL WATER (By Extension) AND PRIVATE INDIVIDUAL ON-SITE SEPTIC SYSTEMS.

5. **CURRENT ZONING**:

RA — Residential Agricultural & OS — Open Space
Minimum Dimensional Regulations: RA
Area 80,000 S.F.
Frontage 225'
Setbacks: Front — 50'
Side — 15'
Rear — 15'

BUILDING TABULATION			
BUILDING TABULATION	SINGLE FAMILY 16 3 2 1 2	DUPLEX	TOTAL
NUMBER OF UNITS		12	28
BEDROOMS		3	84
BATHROOMS — FULL		2	56
BATHROOMS — HALF		1	28
GARAGE		2	56
1ST FLOOR AREA (Excl. Gar	0 ,	1225	34,684
2ND FLOOR AREA (Excl. Gar		845	19,852
TOTAL GFA		2070	54,536
FOOTPRINT (Inc. Garage)		1740	48,912

LOT COVERAGE AREAPERCENTAGEBUILDING48,9127.7%PAVEMENT37,5595.9%TOTAL IMPERVIOUS86,47113.6%

NOTE:

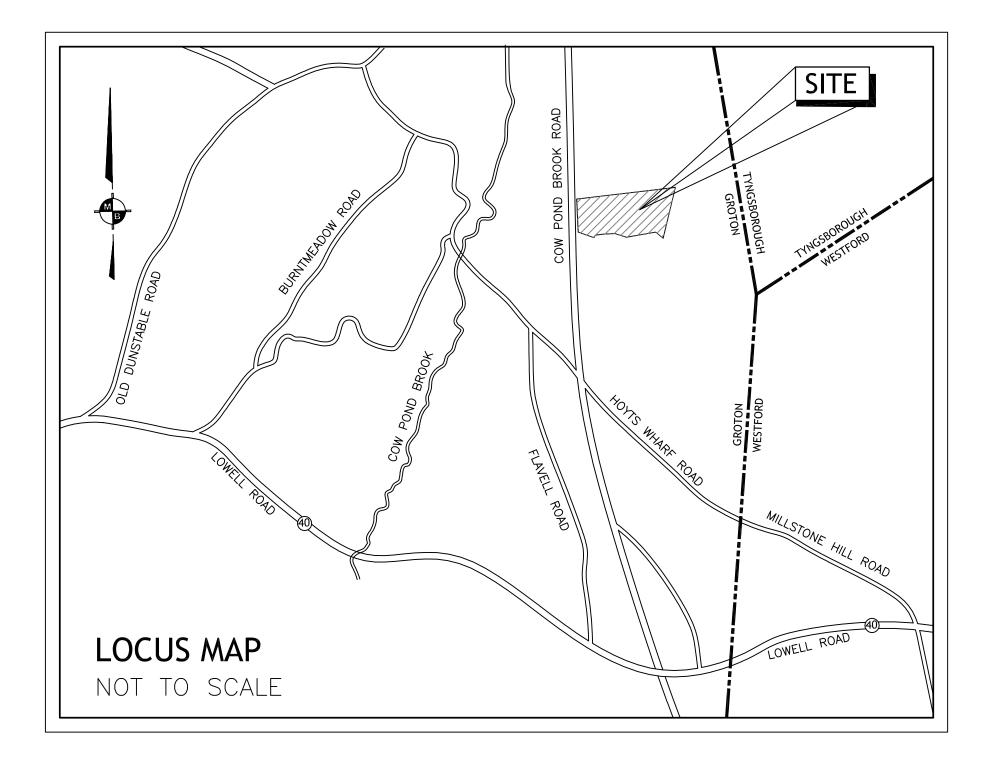
THIS PLAN IS PRELIMINARY ONLY AND NOT FOR CONSTRUCTION.

THIS PLAN IS BASED ON RECORD PLANS ON FILE AT THE MIDDLESEX NORTH REGISTRY OF DEEDS AND THE TOWN OF GROTON AND IS NOT BASED ON AN ACTUAL BOUNDARY, RECENT TOPOGRAPHY, OR WETLAND RESOURCE DELINEATION (BY THIS OFFICE). THERFORE IS SUBJECT TO CHANGE WHEN AN ACTUAL SURVEY IS PERFORMED.

"Heritage Landing"

Cow Pond Brook Road GROTON, MASSACHUSETTS

DATE OF PLAN: APRIL 25, 2023



Tax Map 248 Lot 42

COW POND BROOK ROAD

GROTON. MASSACHUSETTS

DATE OF PLAN: APRIL 25, 2023 REVISION 1: JANUARY 3, 2024
REVISION 4: MAY 2, 2024

REVISION 2: JANUARY 30, 2024

REVISION 3: APRIL 2, 2024

M

MEISNER BREM CORPORATION

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SHEET INDEX

"40-B" COMPREHENSIVE PERMIT PLAN SET

SHEET # DESCRIPTION

Sheets 1-5 Site Plans by Meisner Brem Corporation

COVER SHEET

2 EXISTING CONDITIONS PLAN

4 PROFILE PLAN

5 DETAIL SHEET

Sheets 1-6 Landscape Plans by Lemon Brooks

L-1.01 LIGHTING ILLUS

L-1.02 LIGHTING PLAN

L-1.03 LIGHTING CUT SH

L-2.00 PLANTING DETAI

L-2.00 PLANTING DETAILS

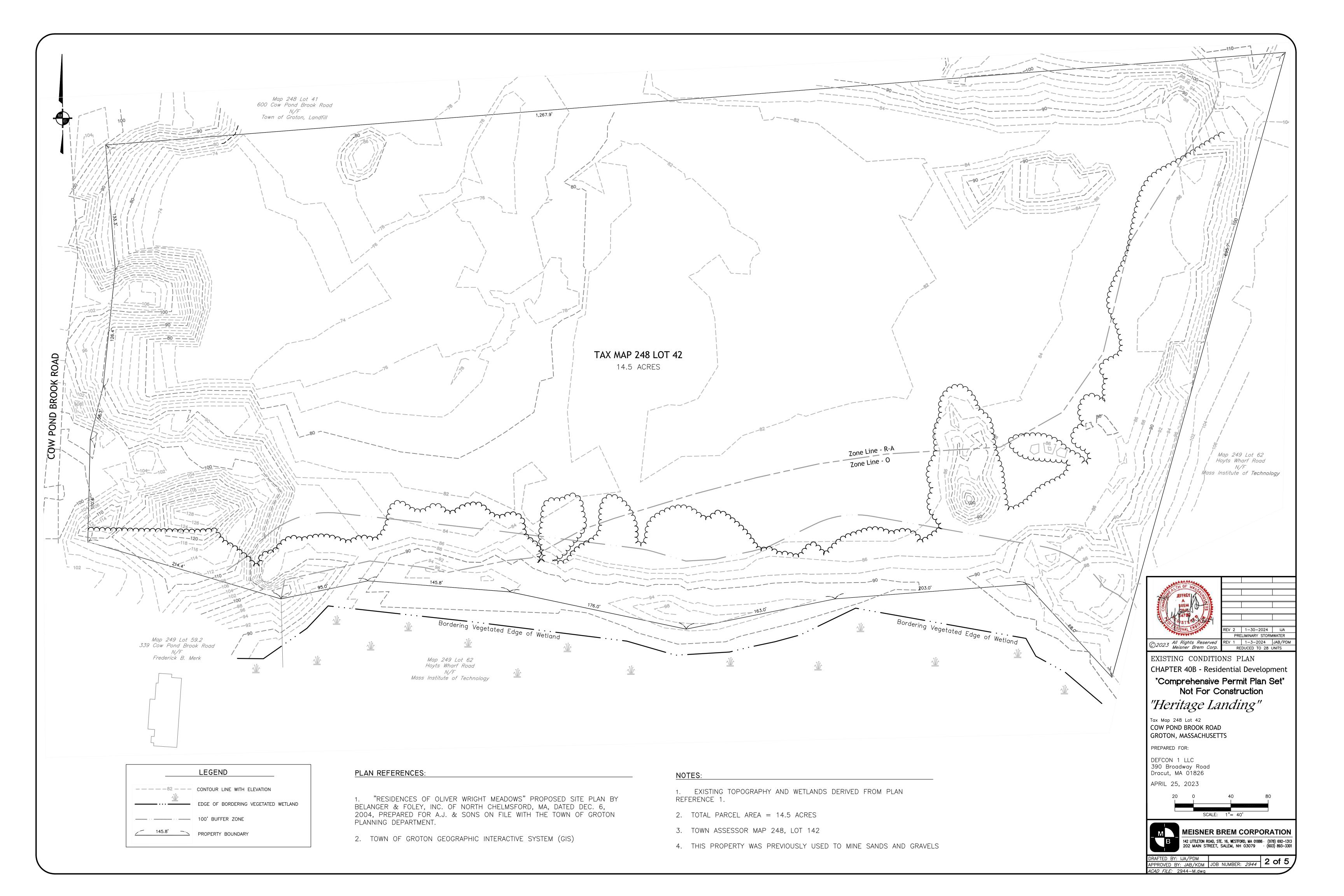
L-2.01 PLANTING DETAILS

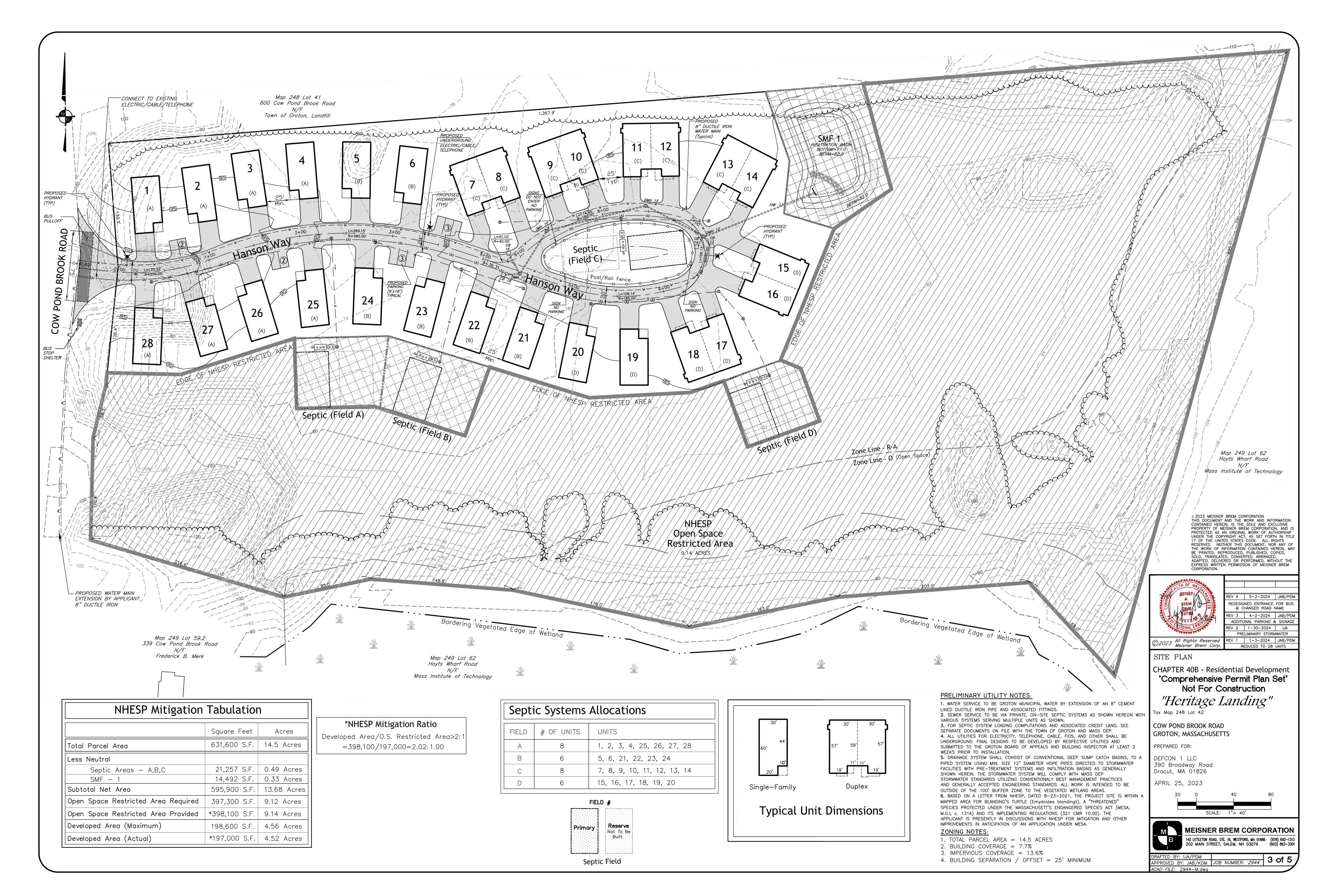
Plan Set Note:

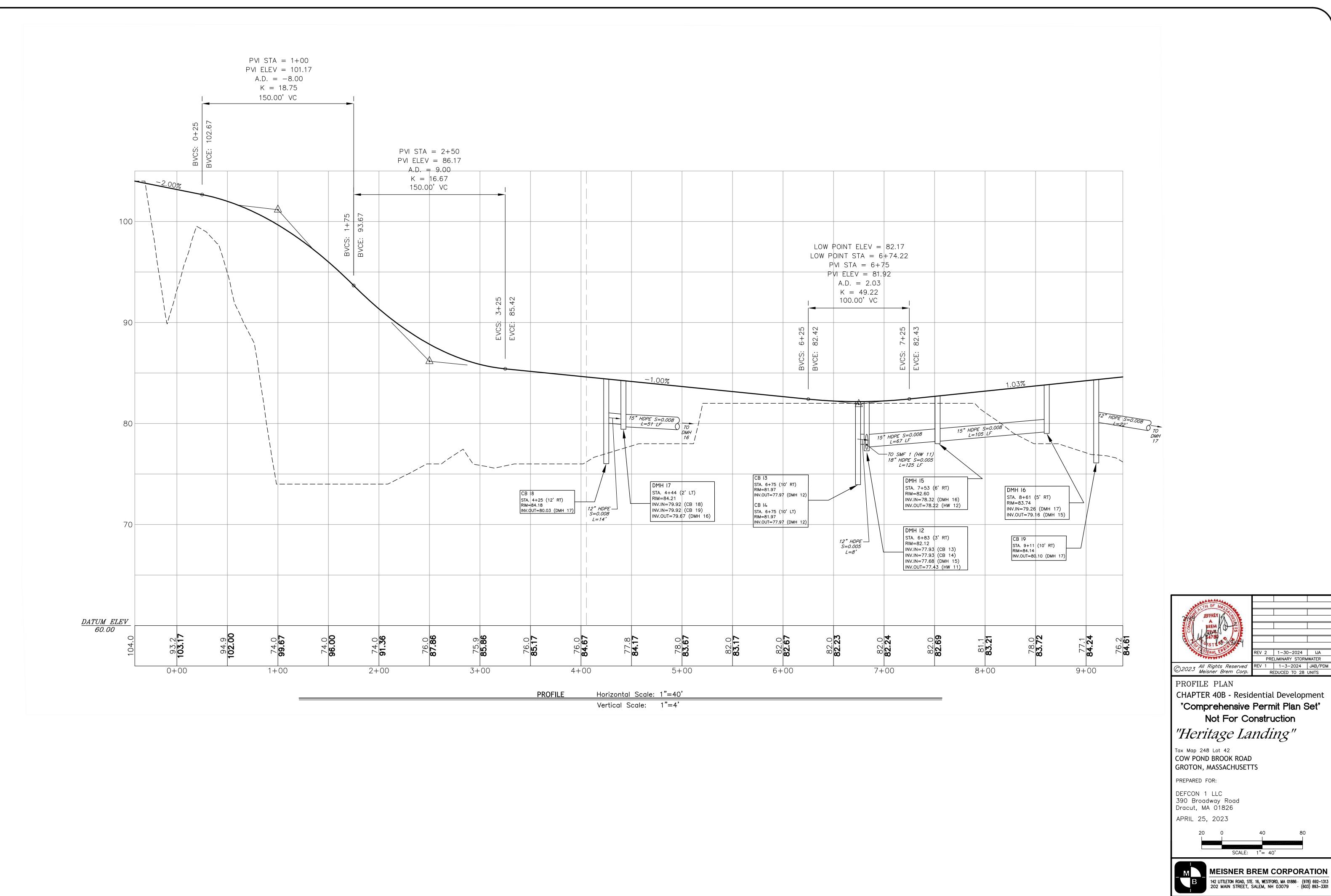
The within plans are Preliminary Site Development Plans. As provided by 760 CMR 56.05 (2), the application materials for a Comprehensive Permit include "preliminary site development plans" as follows: preliminary site development plans showing the locations and outlines of proposed buildings; the proposed locations, general dimensions and materials for streets, drives, parking areas, walks and paved areas; and proposed landscaping improvements and open areas within the site. The plan showing the proposed location and types of sewage, drainage, and water facilities, including hydrants likewise need only be preliminary.

Similarly, in accordance with the Board of Appeals Rules pertaining to Comprehensive Permits, Section 338—34 describes the contents of an application for a comprehensive permit, including the contents of a "preliminary site development plan". Such a plan shall show "the locations and outlines of proposed buildings; the proposed locations, general dimensions and materials for streets, drives, parking areas, walks and paved areas; type and location of proposed sewage disposal and proposed landscaping improvements; trash disposal; open areas within the site, including but not limited to school bus shelters and parks or other play areas for children; proposed stormwater management system; proposed property lines and rights—of—way of any proposed streets; and proposed lighting plans." The level of detail is deliberately lower than that required for a customary site plan review application, because (as provided by 760 CMR 56.05 (4)(a) "Consistency with Local Needs is the central issue of all Comprehensive Permits before the Board". The applicant anticipates that, if and when, the permit is approved, that conditions of approval will describe requirements for the preparation and the review of final site development plans and engineering data regarding the details of the project, including stormwater management, septic design, water services and other issues customarily required as part of a site plan approval plan.

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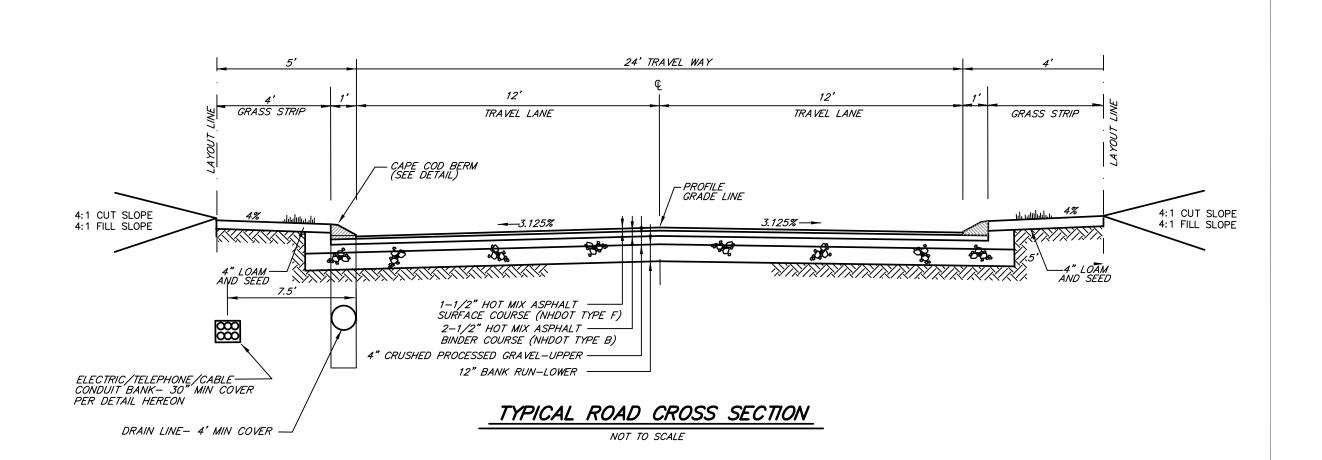


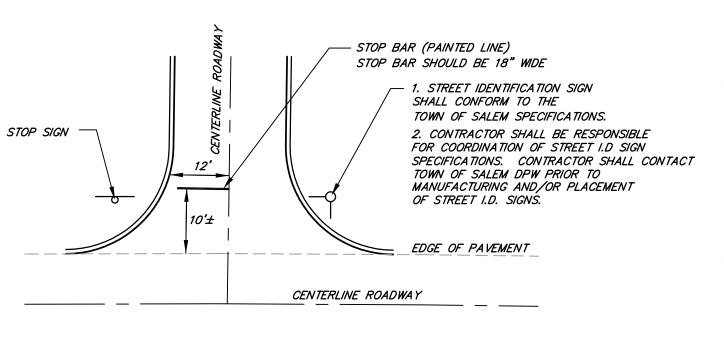




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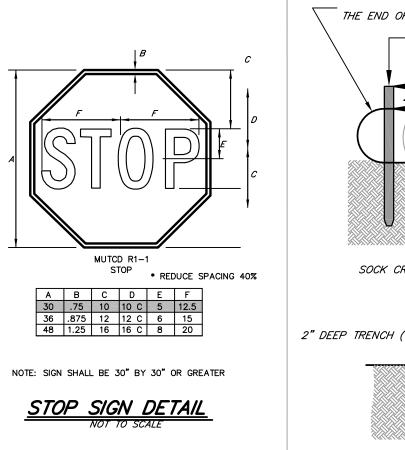
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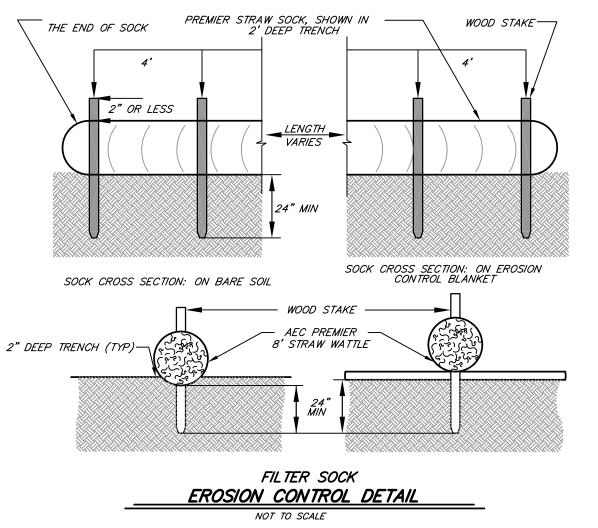


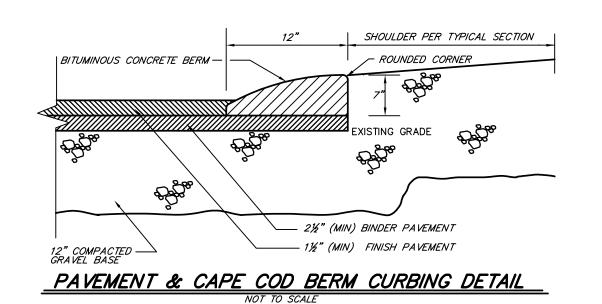


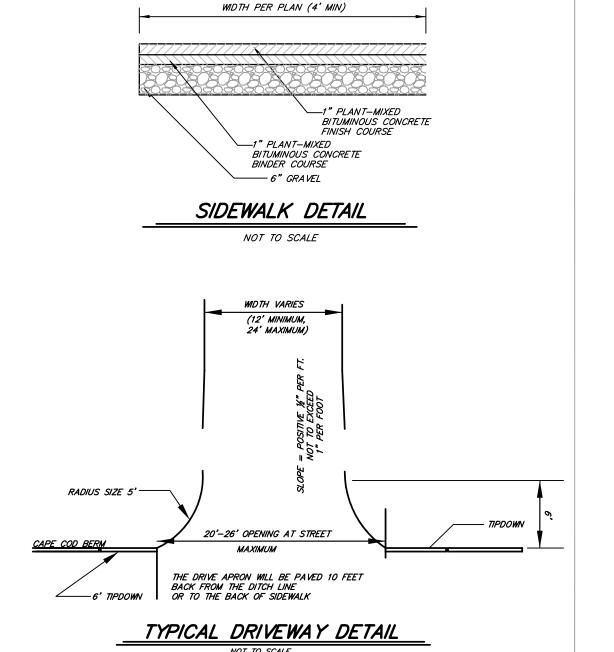
STOP BAR/STREET SIGN DETAIL

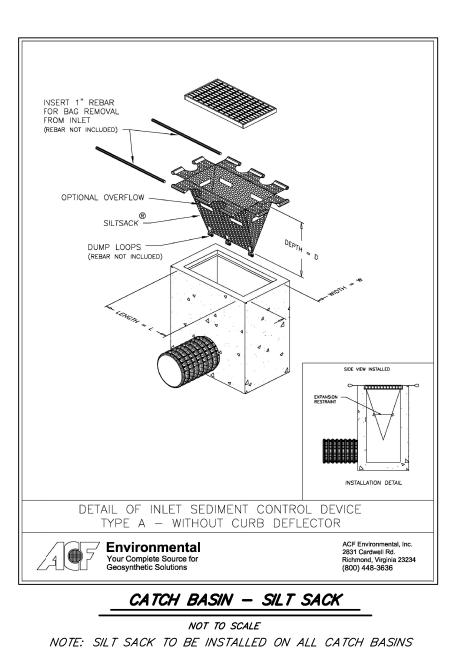
- 1. STOP SIGN SHALL BE PLACED NOT LESS THAN 6 FEET FROM EDGE OF TRAVELED WAY. 2. STOP SIGN SHALL BE PLACED NOT LESS THAN 7 FEET IN HEIGHT FROM FINISHED GRADE.
- 3. STOP SIGN SHALL UTILIZE A GREEN ENAMEL U-CHANNEL
- 4. STOP SIGN & BAR MUST BE MUTCD COMPLIANT

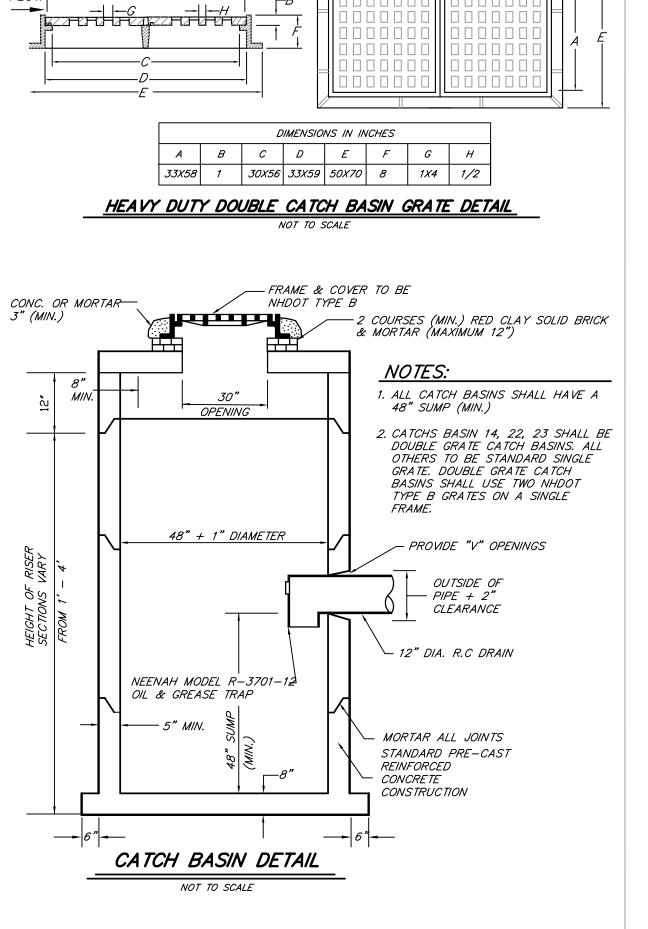


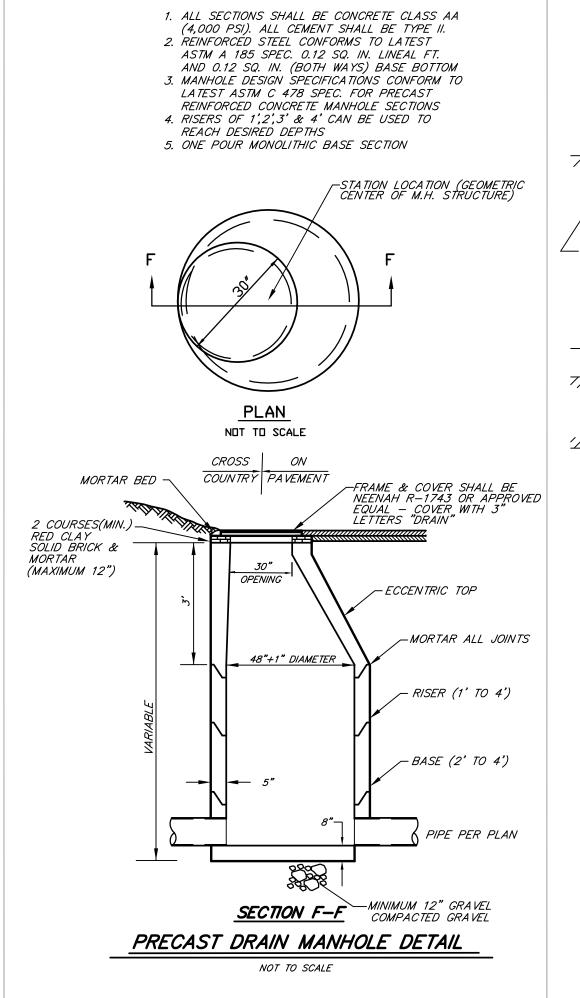




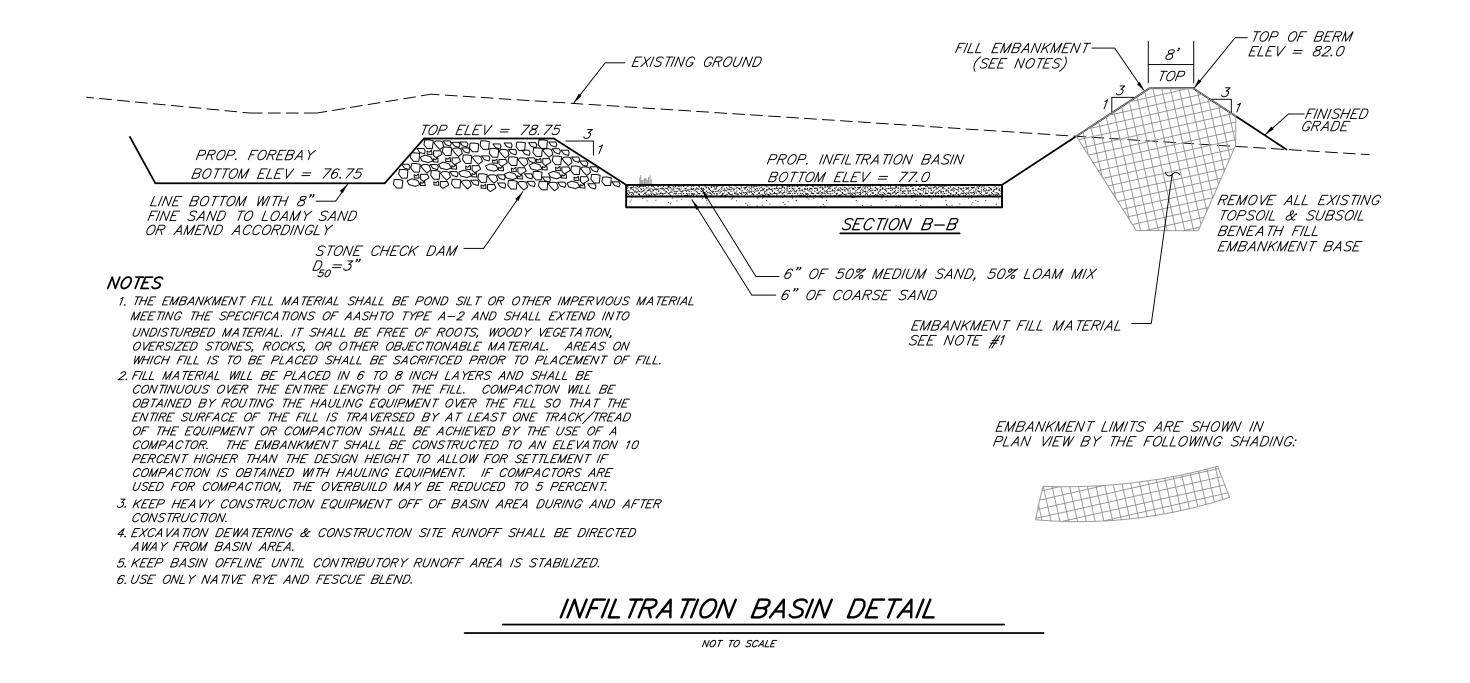


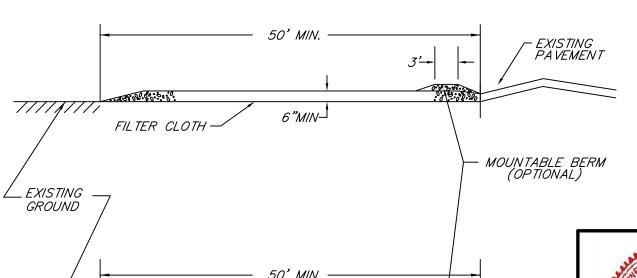


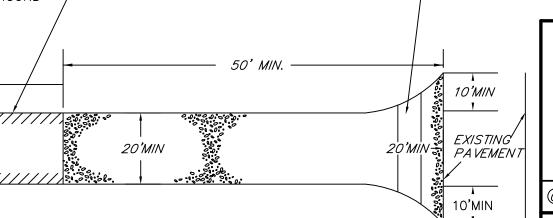




NOTES: FOR MANHOLE & CATCH BASIN







CONSTRUCTION SPECIFICATIONS

- 1) STONE FOR STABILIZED CONSTRUCTION ENTRANCE SHALL BE 1 TO 2 INCH STONE OR RECLAIMED STONE.
- 2) THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
- 3) THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
- 4) THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS AND EGRESS OCCURS OR 10 FEET, WHICH
- EVER IS GREATER. 5) GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER CLOTH IS NOT REQUIRED FOR A SINGLE FAMILY
- 6) ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.

RESIDENCE LOT.

7) THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOPDRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.

STABILIZED CONSTRUCTION ENTRANCE NOT TO SCALE



1-30-2024 IJA REV 1 1-3-2024 JAB/PDM

CHAPTER 40B - Residential Development

"Comprehensive Permit Plan Set"

Meisner Brem Corp. REDUCED TO 28 UNITS DETAIL SHEET

Not For Construction

"Heritage Landing"

Tax Map 248 Lot 42 COW POND BROOK ROAD GROTON, MASSACHUSETTS

PREPARED FOR:

DEFCON 1 LLC 390 Broadway Road Dracut, MA 01826

APRIL 25, 2023



CAD FILE: 2944-M.dwg

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