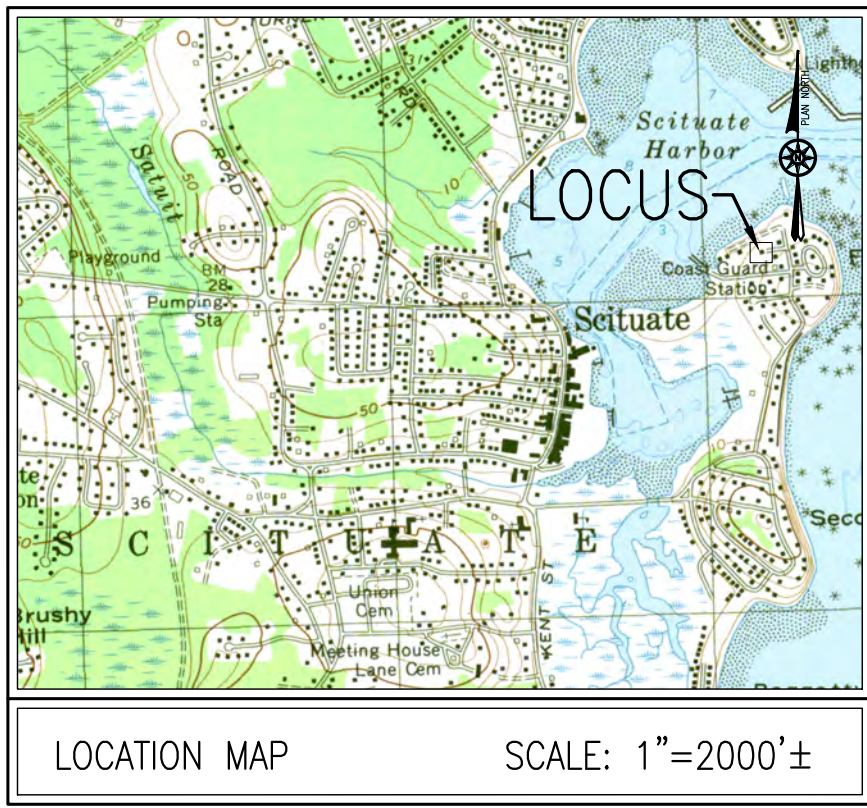
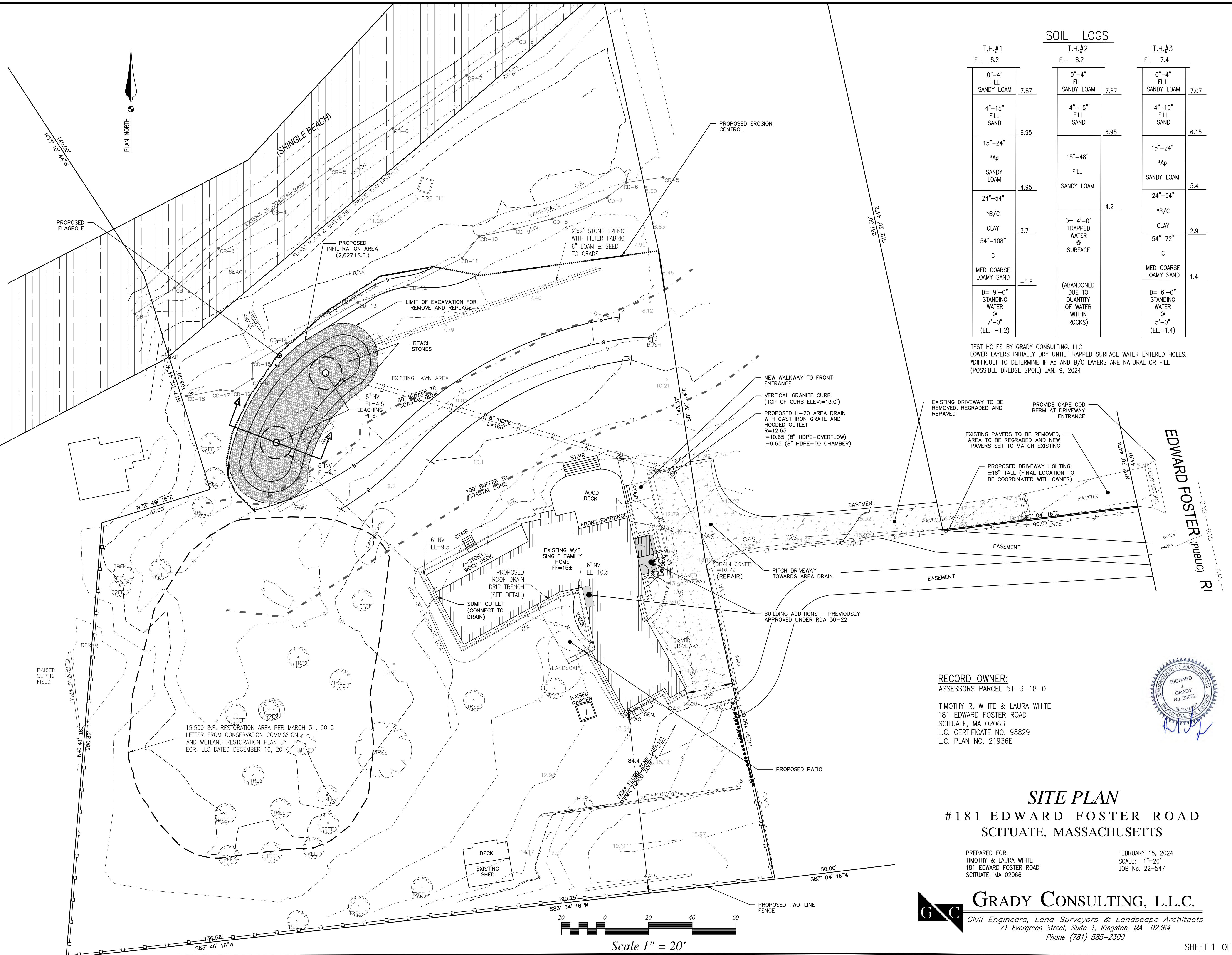




- NOTES:**
- PROPERTY LINE, STREET LINE AND OWNER INFORMATION WERE COMPILED FROM RECORDS ON FILE AT THE PLYMOUTH COUNTY REGISTRY OF DEEDS.
  - TOPOGRAPHY SHOWN ON THIS PLAN IS BASED ON THE GROUND SURVEY BY JOYCE CONSULTING GROUP, ON JANUARY 3, 2017 WITH EXPANDED AND SUPPLEMENTAL SURVEY ON MAY 27, 2021 AND ON JUNE 24, 2022.
  - SUBJECT SITE IS IN THE R-3 DISTRICT AS DEPICTED ON THE TOWN OF SCITUATE ZONING MAP.
  - EXISTING UTILITIES, WHERE SHOWN, HAVE BEEN COMPILED BASED ON OBSERVED ABOVE GROUND EVIDENCE ONLY AND ARE TO BE CONSIDERED APPROXIMATE. GRADY CONSULTING, L.L.C. DOES NOT GUARANTEE THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN OR THAT ALL EXISTING UTILITIES AND/OR SUBSURFACE STRUCTURES ARE SHOWN.

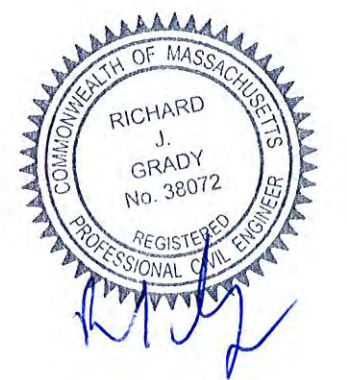
**FLOOD NOTE:**  
BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS LOCATED IN ZONE AE (EL. 15) AS DEPICTED ON FLOOD INSURANCE RATE MAP, COMMUNITY PANEL No. 25023C 0129K, WHICH BEARS AN EFFECTIVE DATE OF NOVEMBER 4, 2016.



| SOIL LOGS                                 |                                                   |                                          |
|-------------------------------------------|---------------------------------------------------|------------------------------------------|
| T.H.#1                                    | T.H.#2                                            | T.H.#3                                   |
| EL. 8.2                                   | EL. 8.2                                           | EL. 7.4                                  |
| 0'-4" FILL SANDY LOAM                     | 0'-4" FILL SANDY LOAM                             | 0'-4" FILL SANDY LOAM                    |
| 7.87                                      | 7.87                                              | 7.07                                     |
| 4'-15" FILL SAND                          | 4'-15" FILL SAND                                  | 4'-15" FILL SAND                         |
| 6.95                                      | 6.95                                              | 6.15                                     |
| *Ap SANDY LOAM                            | 15'-48" FILL SANDY LOAM                           | 15'-24" *Ap SANDY LOAM                   |
| 4.95                                      |                                                   | 5.4                                      |
| 24'-54" *B/C CLAY                         | 4.2                                               | *B/C CLAY                                |
| 3.7                                       |                                                   | 2.9                                      |
| 54'-108" C MED COARSE LOAMY SAND          | D= 4'-0" TRAPPED WATER @ SURFACE                  | 24'-54" C MED COARSE LOAMY SAND          |
| -0.8                                      |                                                   | 1.4                                      |
| D= 9'-0" STANDING WATER @ 7'-0" (EL=-1.2) | (ABANDONED DUE TO QUANTITY OF WATER WITHIN ROCKS) | D= 6'-0" STANDING WATER @ 5'-0" (EL=1.4) |

TEST HOLES BY GRADY CONSULTING, LLC  
LOWER LAYERS INITIALLY DRY UNTIL TRAPPED SURFACE WATER ENTERED HOLES.  
\*DIFFICULT TO DETERMINE IF Ap AND B/C LAYERS ARE NATURAL OR FILL (POSSIBLE DREDGE SPOIL) JAN. 9, 2024

**RECORD OWNER:**  
ASSESSORS PARCEL 51-3-18-0  
  
TIMOTHY R. WHITE & LAURA WHITE  
181 EDWARD FOSTER ROAD  
SCITUATE, MA 02066  
L.C. CERTIFICATE NO. 98829  
L.C. PLAN NO. 21936E



## SITE PLAN

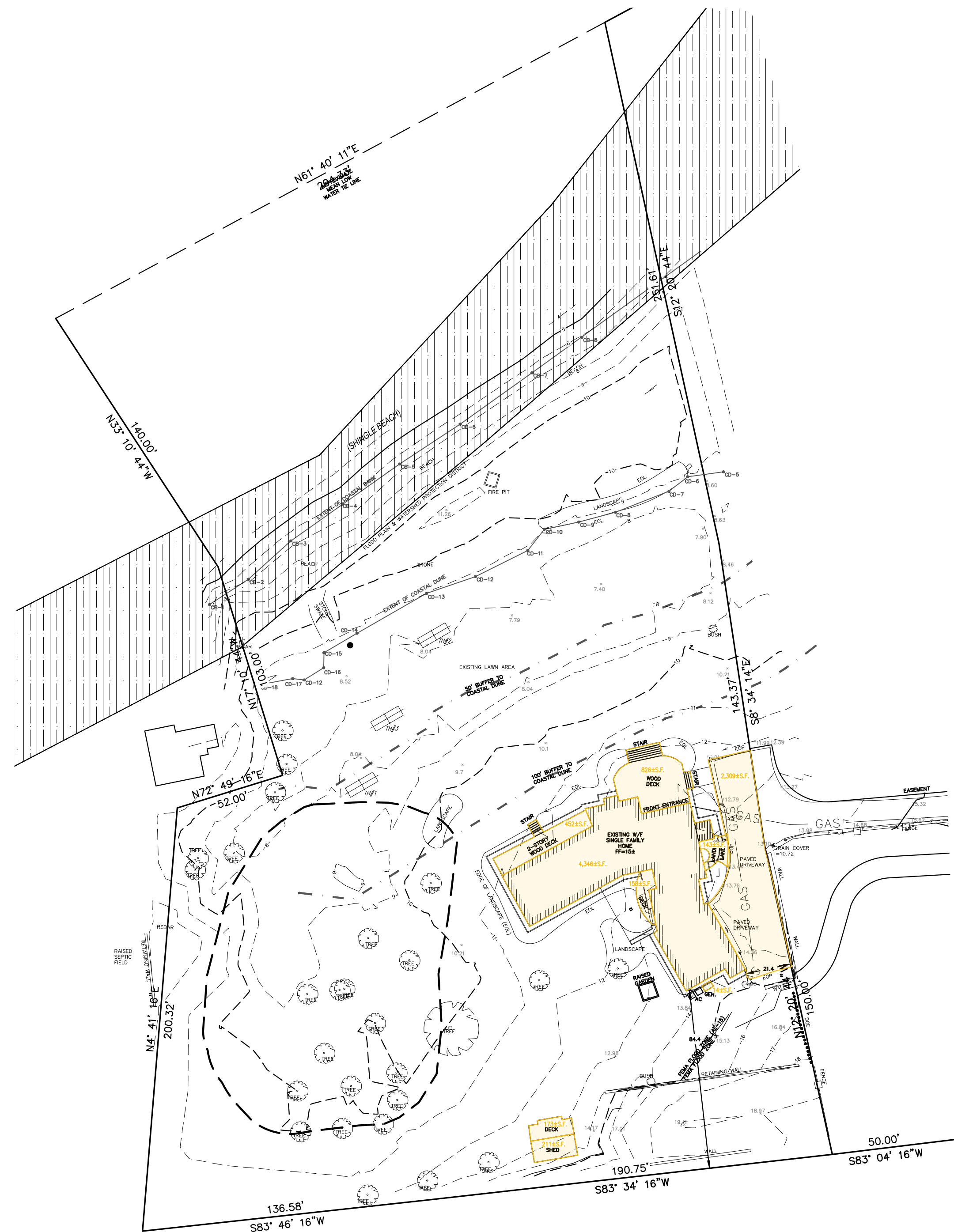
### #181 EDWARD FOSTER ROAD SCITUATE, MASSACHUSETTS

PREPARED FOR:  
TIMOTHY & LAURA WHITE  
181 EDWARD FOSTER ROAD  
SCITUATE, MA 02066

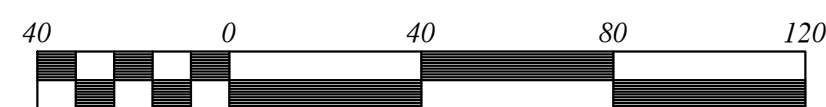
FEBRUARY 15, 2024  
SCALE: 1"=20'  
JOB No. 22-547

**GRADY CONSULTING, L.L.C.**  
Civil Engineers, Land Surveyors & Landscape Architects  
71 Evergreen Street, Suite 1, Kingston, MA 02364  
Phone (781) 585-2300

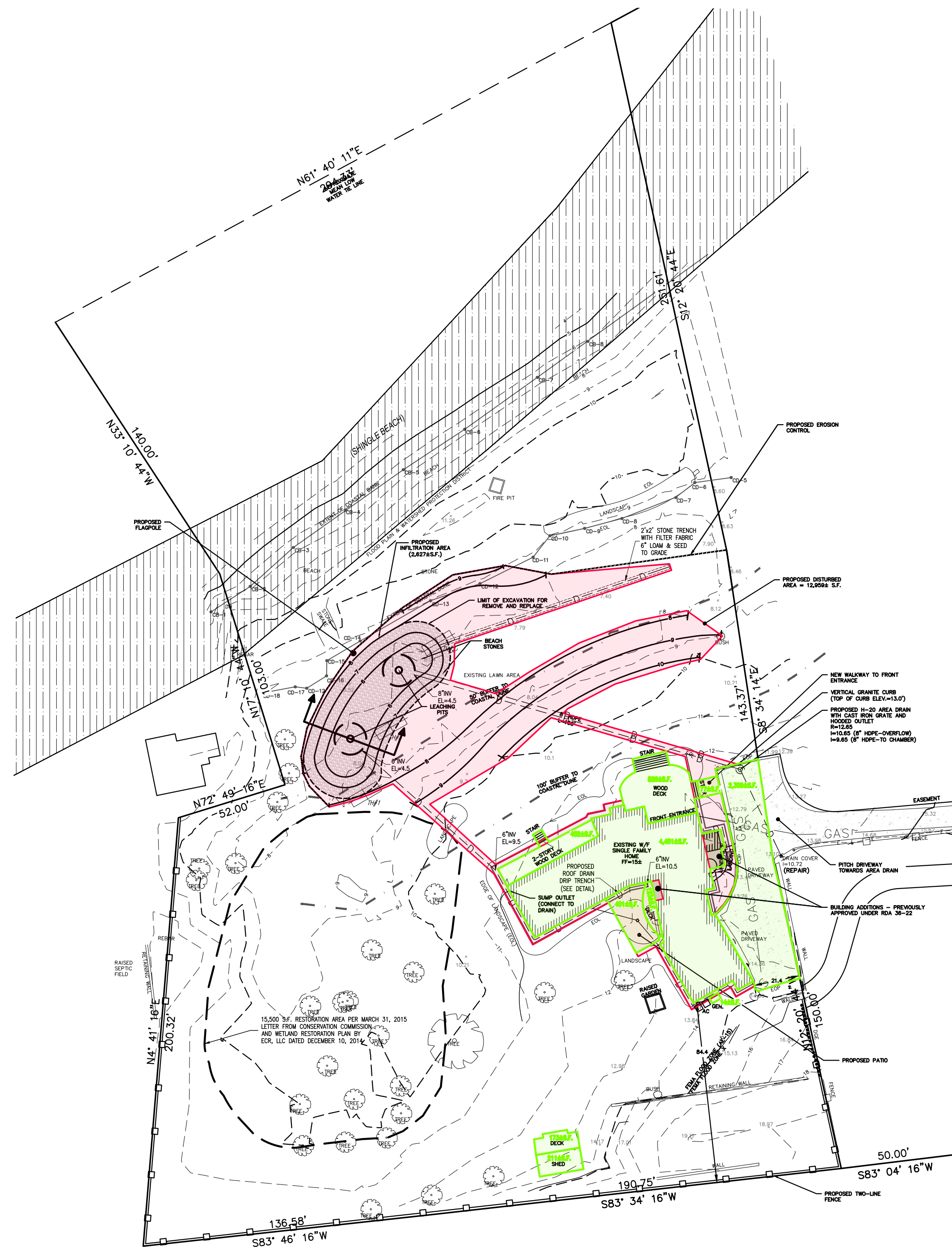




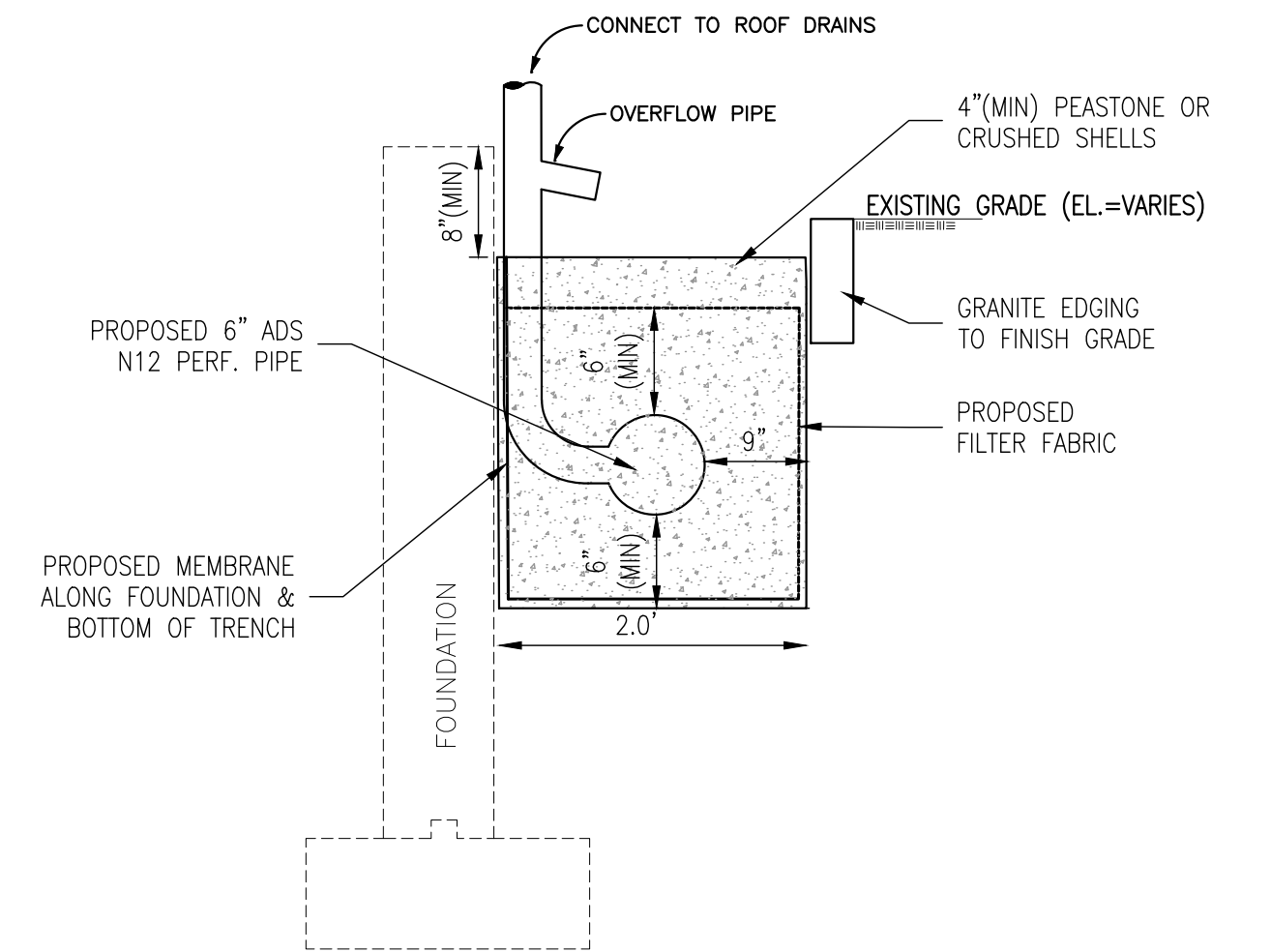
PRE-DEVELOPMENT



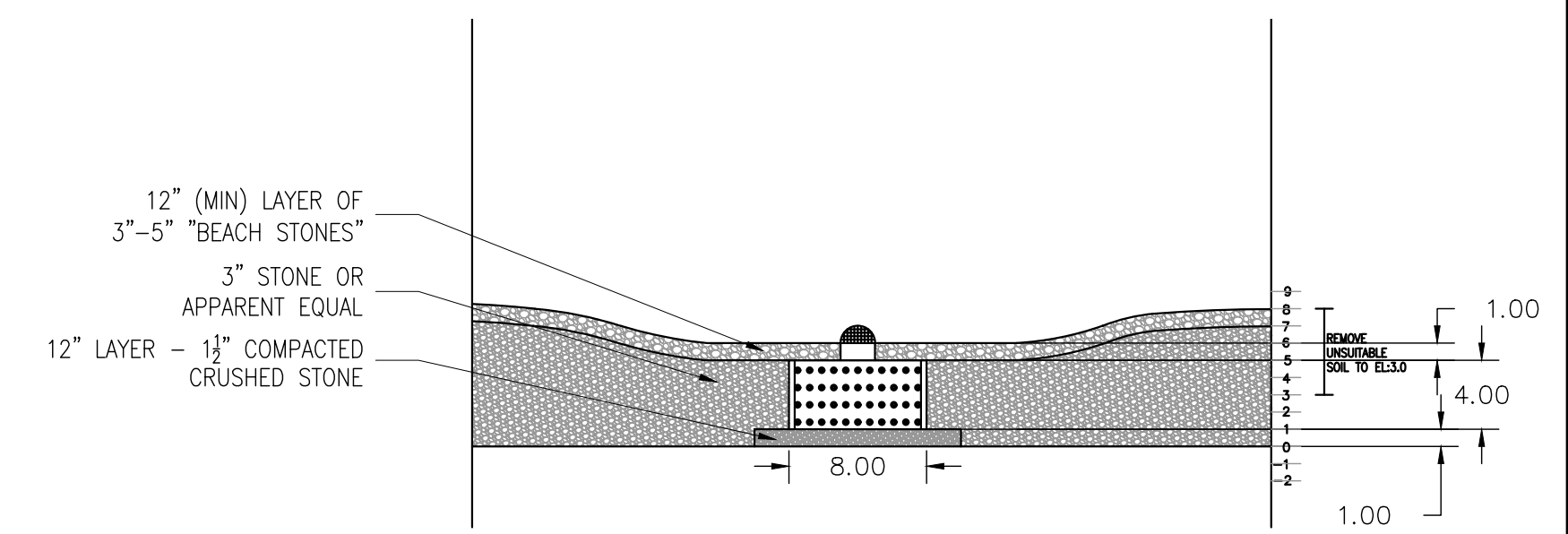
Scale 1" = 40'



POST-DEVELOPMENT



ROOF DRAIN DRIP TRENCH  
(NOT TO SCALE)



EXCAVATE EXISTING SOIL (FILL, A, B) TO MEDIUM COARSE LOAMY SAND LAYER (54+/-). INSTALL LEACHING PITS.

SECTION A-A  
(SCALE 1"=10')

#### IMPERVIOUS AREA CALCULATIONS:

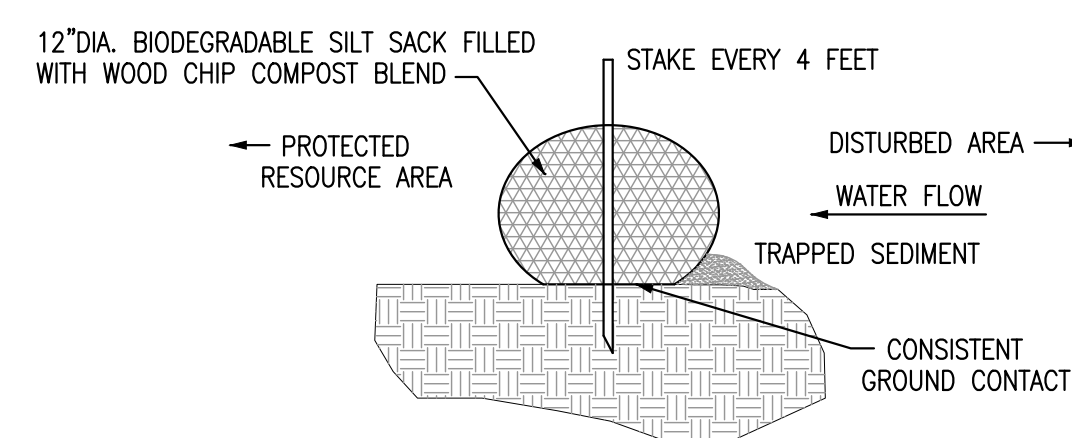
|          |                   |
|----------|-------------------|
| EXISTING |                   |
| HOUSE    | 4,346 S.F.        |
| DECKS    | 1,609 S.F.        |
| PATIOS   | 143 S.F.          |
| DRIVEWAY | 2,309 S.F.        |
| SHED     | 211 S.F.          |
| CONC.    | 14 S.F.           |
| TOTAL    | 8,632 S.F. (6.5%) |

|          |                   |
|----------|-------------------|
| PROPOSED |                   |
| HOUSE    | 4,451 S.F.        |
| DECKS    | 1,574 S.F.        |
| PATIOS   | 478 S.F.          |
| DRIVEWAY | 2,309 S.F.        |
| SHED     | 211 S.F.          |
| CONC.    | 14 S.F.           |
| TOTAL    | 9,037 S.F. (6.8%) |

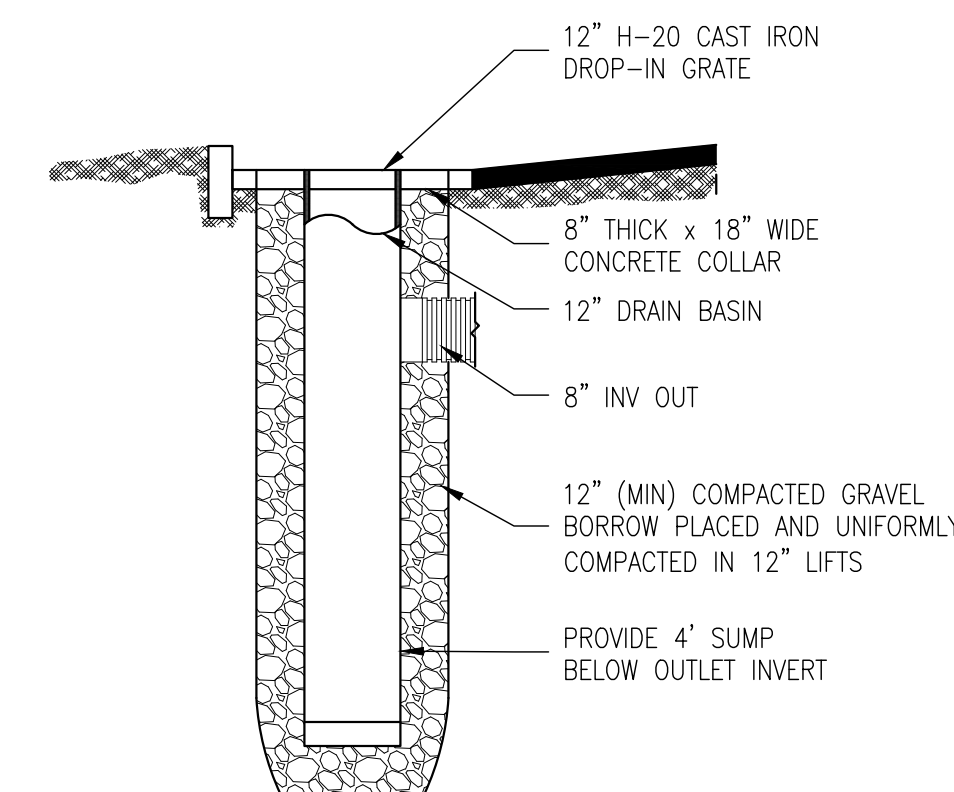
NET INCREASE = (9,037 SF - 8,632)/8,632 = 4.7%

#### SECTION 32050 STORMWATER

4. APPLICABILITY
  - A. REGULATED ACTIVITIES. THIS BYLAW SHALL APPLY TO THE FOLLOWING ACTIVITIES:
    1. ALL DEVELOPMENT AND REDEVELOPMENT PROJECTS THAT WILL DISTURB OVER 15,000 SQ. FT. OF LAND IN A RESIDENTIAL ZONING DISTRICT; RENDER 25% OR MORE OF AN UNDEVELOPED LOT IMPERVIOUS OR INCREASE IMPERVIOUS AREA OF A DEVELOPED LOT BY 25% OR MORE, EVEN IF THAT DISTURBANCE IS CONDUCTED OVER SEPARATE PHASES AND/OR BY SEPARATE OWNERS. PREVIOUSLY DEVELOPED LOT, INCREASED IMPERVIOUS = 4.7% (<25%)
    2. PROPOSED DISTURBED AREA = 12,959±S.F. (<15,000 S.F.)
    3. ALL DEVELOPMENT AND REDEVELOPMENT PROJECTS THAT WILL DISTURB OVER 1,000 SQ. FT. OF LAND ON UNDISTURBED OR NATURAL SLOPES GREATER THAN 25%, EVEN IF THAT ALTERATION IS CONDUCTED OVER SEPARATE PHASES AND/OR BY SEPARATE OWNERS. NO NATURAL SLOPES GREATER THAN 25%
    4. CONSTRUCTION OF A NEW DRAINAGE SYSTEM OR ALTERATION OF A DRAINAGE SYSTEM SERVING A DRAINAGE AREA OF MORE THAN 15,000 SQ. FT. OF LAND.
    5. ANY DEVELOPMENT OR REDEVELOPMENT INVOLVING LAND USES WITH HIGHER POTENTIAL POLLUTANT LOADS, AS DEFINED IN THE MASSACHUSETTS STORMWATER MANAGEMENT POLICY. LAND USES WITH HIGHER POTENTIAL POLLUTANT LOADS INCLUDE AUTO SALVAGE YARDS, AUTO FUELING FACILITIES (GAS STATIONS), FLEET STORAGE YARDS, HIGH-INTENSITY COMMERCIAL PARKING LOTS, ROAD SALT STORAGE AREAS, COMMERCIAL NURSERIES, OUTDOOR STORAGE AND LOADING AREAS OF HAZARDOUS SUBSTANCES, AND MARINAS.
    - NOT APPLICABLE - SINGLE FAMILY RESIDENCE



SILT SOCK DETAIL  
(NOT TO SCALE)



DRAIN BASIN SHALL BE NYOPLAST MODEL 2812 AG OR APPROVED EQUAL (H-20 LOADING REQUIRED)

DRAIN BASIN  
(NOT TO SCALE)

#### SITE PLAN #181 EDWARD FOSTER ROAD SCITUATE, MASSACHUSETTS

PREPARED FOR:  
TIMOTHY & LAURA WHITE  
181 EDWARD FOSTER ROAD  
SCITUATE, MA 02066

FEBRUARY 15, 2024  
SCALE: 1"=20'  
JOB No. 22-547

**GRADY CONSULTING, L.L.C.**  
Civil Engineers, Land Surveyors & Landscape Architects  
71 Evergreen Street, Suite 1, Kingston, MA 02364  
Phone (781) 585-2300

