



Supplemental Submittal II

May 14th, 2020

prior submittals

April 28th, 2020-TRT Supplemental Submittal

March 12th, 2020 Original Completeness Filing

for

SITE PLAN APPLICATION

FOR

56 COTTAGE STREET PARKING AREA

SP-2019-03

TAX MAP 104 LOT 327

TOWN OF BAR HARBOR, MAINE

Owner:

Karol A Foss

9 Harbor Lane

Bar Harbor, Maine



Prepared by:

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Consulting Civil Engineers

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Southwest Harbor, Maine

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This submittal is a response to comments received from the Board during the completeness hearing held on Wednesday, May 6th. During that hearing the Board moved to schedule a public hearing for the project, provided that the following exhibits were filed with the Planning office by May 14th, 2020 to allow for proper advertisement and notice of the public hearing.

1. **Planting Schedule-** attached is the quantity and sizes of plants proposed for the site.

2. **Site specific Erosion control plan.** In addition to the general specifications in the project manual the attached plan indicates the specific measures and location of methods used for erosion control. The indication entrance protection, water treatment of dust control along with other temporary measures to be employed during construction.

3. **DRB Certificate of Appropriateness.**

The applicant is scheduled to be heard by the Design Review Board on May 14th.

4 **Capacity statements.** Water, Sewer, Public works. We understand these documents are forthcoming from Staff.

5. **Performance Guarantee.** During the completeness hearing the Board discussed that due to the public view of the site that a guarantee of landscape survival would be critical in their final deliberations. The applicant shares the same goal in maintaining this as a beautiful downtown green belt. Consistent with the Ordinance the applicant will provide a bond, escrow or other documentation acceptable to Town staff prior issuance of the construction permit. The guarantee will meet the requirements of Section 125-98.

§ 125-98. Plant maintenance guarantees.

In addition to any performance guarantee provided pursuant to § 125-93, an applicant shall furnish to the Town security equal to at least 10% of the value of all live plantings required by § 125-67E(12) and H or 125-69L(6). Such security shall be binding for a minimum of three years and shall be subject to the condition that required live plantings be maintained in accordance with the terms of the approved plan and in a good and healthy condition.

COTTAGE STREET LOT, PLANT SCHEDULE ADDENDUM

Quantities

TREES

Qty	Botanical Name	Common Name	Size
6	<i>Acer rubrum</i>	Red Maple	2.5"cal
8	<i>Betula nigra</i> 'Heritage'	Heritage River Birch	10-12'
6	<i>Malus floribunda</i>	Crabapple	1.5"cal

SHRUBS

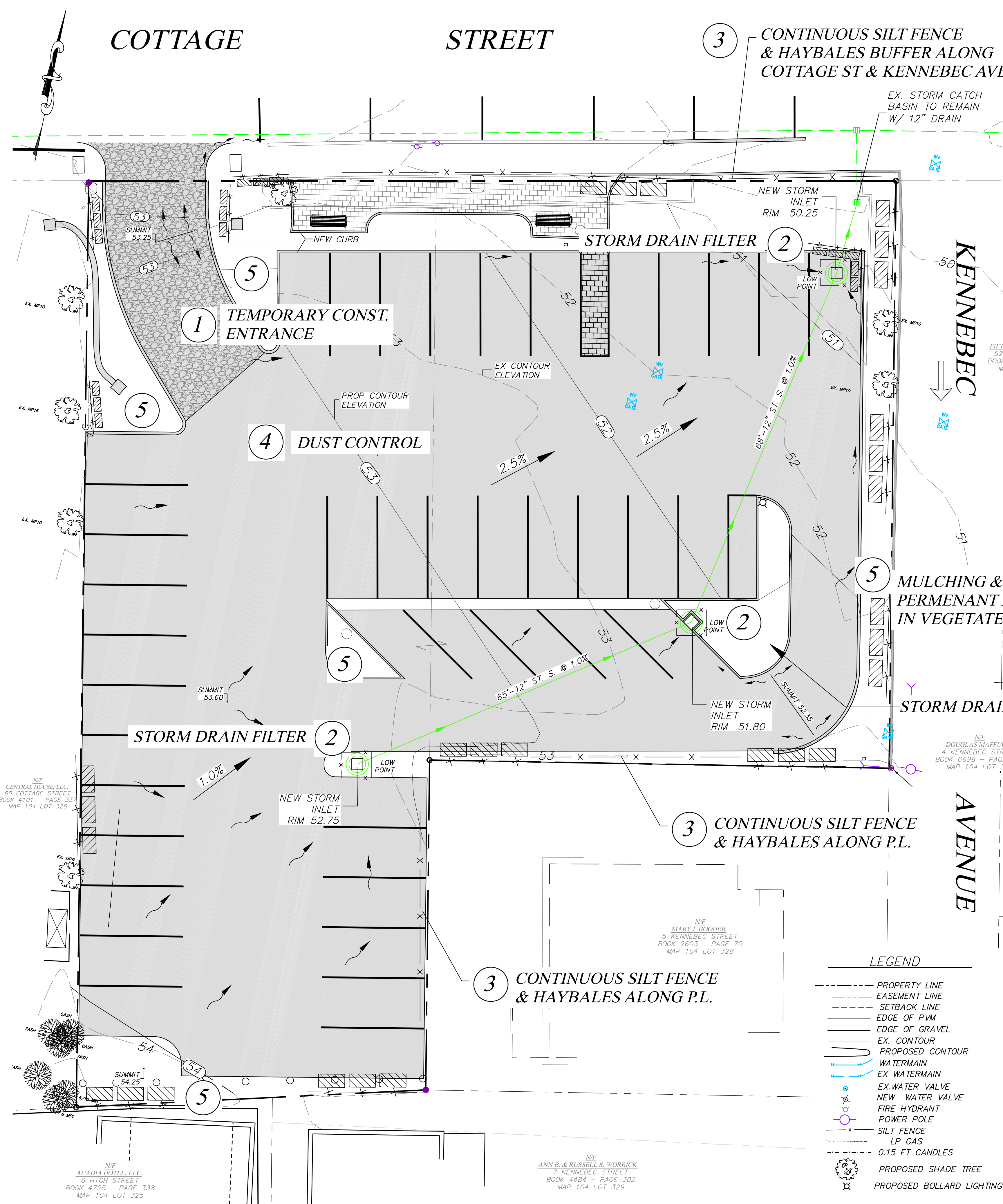
Qty	Botanical Name	Common Name	Size
8	<i>Hydrangea panicula</i> 'Bobo'	Dwarf Bobo Hydrangea	#3 or 24"
14	<i>Hydrangea arborescens</i> 'Annabelle'	Annabelle Hydrangea	#3 or 24"
18	<i>Clethra alnifolia</i>	Summersweet	#3 or 24"
18	<i>Ilex glabra</i>	Inkberry	#3 or 24"

PERENNIALS

Qty	Botanical Name	Common Name	Size
150	<i>Alchemilla mollis</i>	Lady's Mantle	Qt pot
150	<i>Echinacea purpurea</i>	Coneflower	Qt pot
150	<i>Nepeta fassennii</i>	Catmint	Qt pot
100	<i>Pennisetum alopecuroides</i> 'Hameln'	Dwarf Fountain Grass	Gal pot
100	<i>Bouteloua gracilis</i>	Blue Grama	Gal pot

MAINTENANCE & INSPECTION SCHEDULE

EROSION AND SEDIMENT CONTROL MEASURES AND ACTIVITY	INSPECTION FREQUENCY		
	Weekly	BEFORE & AFTER STORM	AFTER CONSTRUCTION
A. SEDIMENT BARRIERS			
1. Sediment barriers are installed prior to soil disturbances	X	X	
2. Silt fences are keyed in and tight	X	X	
3. Barriers are repaired and replaced as necessary	X	X	
4. Barriers are removed when the site is stabilized - Silt fence should be cut at the ground surface			X
B. TEMPORARY STABILIZATION			
1. Areas are stabilized if idle for 14 days or more	X	X	
2. Daily stabilization within 100 ft of a natural resource	X	X	
C. MULCH			
1. Mulch within 7 days of final grading. Ground is not visible	X	X	
2. Erosion control mix is 4-6 inch thick	X	X	
3. Erosion control blankets or hay mulch are anchored	X	X	
D. VEGETATION			
1. Vegetation provides 90% soil cover	X		X
2. Loam or soil amendment were provided	X		X
3. New vegetated areas are mulched and protected from vehicle, foot traffic and runoff	X	X	X
4. Areas that will remain unworked for more than 1 year are vegetated with grass	X		
E. SLOPES AND EMBANKMENTS			
1. Final graded slopes and embankments are stabilized	X	X	X
2. Diversions are provided for areas with rill erosion	X	X	X
3. Areas steeper than 2:1 are riprapped	X		
4. Stones are angular, durable and various in size	X		
5. Riprap is underlain with a gravel layer or filter fabric	X		
F. STORMWATER CHANNELS AND CULVERTS			
1. Ditches and swales are permanently stabilized - channels that will be riprapped have been over-excavated	X	X	X
2. Ditches are clear of obstructions, accumulated sediments or debris	X	X	X
3. Ditch lining/bottoms are free of erosion	X	X	X
4. Check dams are spaced correctly to slow flow velocity	X		X
5. Underlying filter fabric or gravel is not visible	X	X	X
6. Culvert aprons and plunge pools are sized for expected flows volume and velocity	X		
7. Stones are angular, durable and various in size	X		
8. Culverts are sized to avoid upgradient flooding	X	X	
9. Culvert protection extends to the maximum flow elevation within the ditch	X	X	X
10. Culvert is embedded, not hanging	X	X	X
G. CATCH BASIN SYSTEMS			
1. Catch basins are built properly	X		
2. Accumulated sediments and debris are removed from sump, grate and collection area		X	X
3. Floating debris and floating oils are removed from trap			X
H. ROADWAYS AND PARKING SURFACES			
1. The gravel pad at the construction entrance is clear from sediments	X	X	
2. Roads are crowned		X	X
3. Cross drainage (culvert) is provided	X		
4. False ditches (from winter sand) are graded		X	X
I. BUFFERS			
1. Buffers are free of erosion or concentrated flows		X	X
2. The downgradient of spreaders and turnouts is stable		X	X
3. Level spreaders are on the contour		X	X
4. The number of spreaders and ditch turnouts is adequate for flow distribution		X	X
5. Any sediment accumulation is removed from within spreader or turnouts		X	X
J. STORMWATER BASINS AND TRAPS			
1. Embankments are free of settlement, slope erosion, internal piping, and downstream swamping		X	X
2. All flow control structure or orifices are operational and clear of debris or sediments		X	X
3. Any pre-treatment structure that collects sediment or hydrocarbons is clean or maintained		X	X
4. Vegetated filters and infiltration basins have adequate grass growth		X	X
5. Any impoundment or forebay is free of sediment		X	X
K. WINTER CONSTRUCTION (November 1st-April 15th)			
1. Final graded areas are mulched daily at twice the normal rate with hay, and anchor (not on snow)	DAILY		
2. A double row of sediment barrier is provided for all areas within 100 ft of a sensitive resource (use erosion control mix on frozen ground)	DAILY		
3. Newly constructed ditches are riprapped	DAILY		
4. Slopes greater than 8% are covered with an erosion control blanket or a 4-inch layer of erosion control mix	DAILY		
L. HOUSEKEEPING PUNCH LIST			
1. All disturbed areas are permanently stabilized, and plantings are established (90% vegetative cover)			X
2. All trash, sediments, debris or any solid waste have been removed from stormwater channels, catch basins, detention structures, discharge points, etc.			X
3. All ESC devices have been removed: (silt fence and posts, diversions and sediment structures, etc.)			X
4. All deliverables (certifications, survey information, as-built plans, reports, notice of termination (NOT), etc.) in accordance with all permit requirements have been submitted to town, Maine DEP, association, owner, etc.			X



UNIFIED EROSION CONTROL KEY

ITEM	DESCRIPTION
①	TEMPORARY STONE CONSTRUCTION ENTRANCE (REFER TO EXHIBIT A)
②	STORM DRAIN FILTERS (REFER TO EXHIBIT B)
③	SILT-FENCE & HAYBALES (REFER TO EXHIBIT C)
④	DUST CONTROL MEASURES - UTILIZE APPLICATION OF SPRINKLED WATER TO REDUCE EMISSION OF AIRBORNE PARTICULATES FROM PROJECT SITE
⑤	MULCHING & PERMANENT PLANTINGS IN VEGETATED AREAS, REFER TO LANDSCAPING PLAN

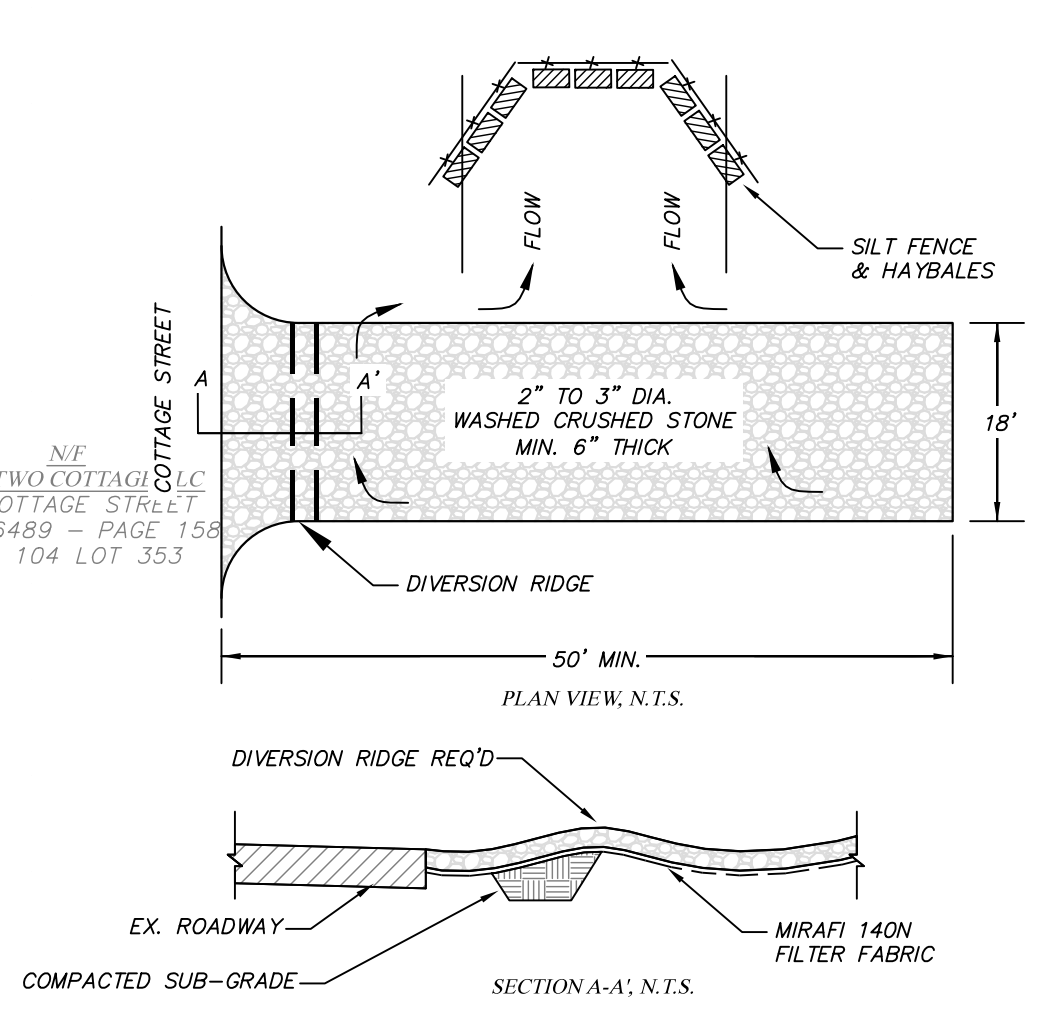


EXHIBIT A
TEMPORARY STONE ENTRANCE
NOT TO SCALE



EXHIBIT B
PIG™ STORM DRAIN FILTER
OR APPROVED EQUAL

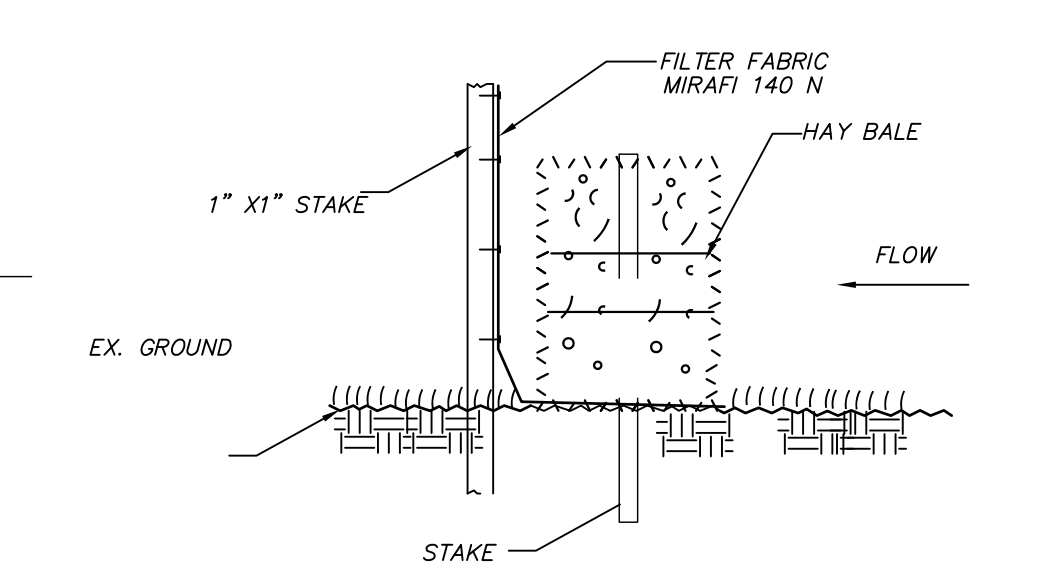


EXHIBIT C
SILTFENCE AND HAYBALES DETAIL
SCALE: N.T.S.

EROSION CONTROL & STORMWATER MANAGEMENT PLAN FOR 56 COTTAGE STREET

OWNER
KAROL A FOSS
9 HARBOR LANE
BAR HARBOR, ME 04609

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Southwest Harbor, Maine 04679
207-244-1200



DATE:
MAY 13, 2020

SCALE:
1" = 10'

PROJECT ID #
C-0635

DRAWN BY:
JB

CHECKED BY:
GFJ

SHEET NO:

C1