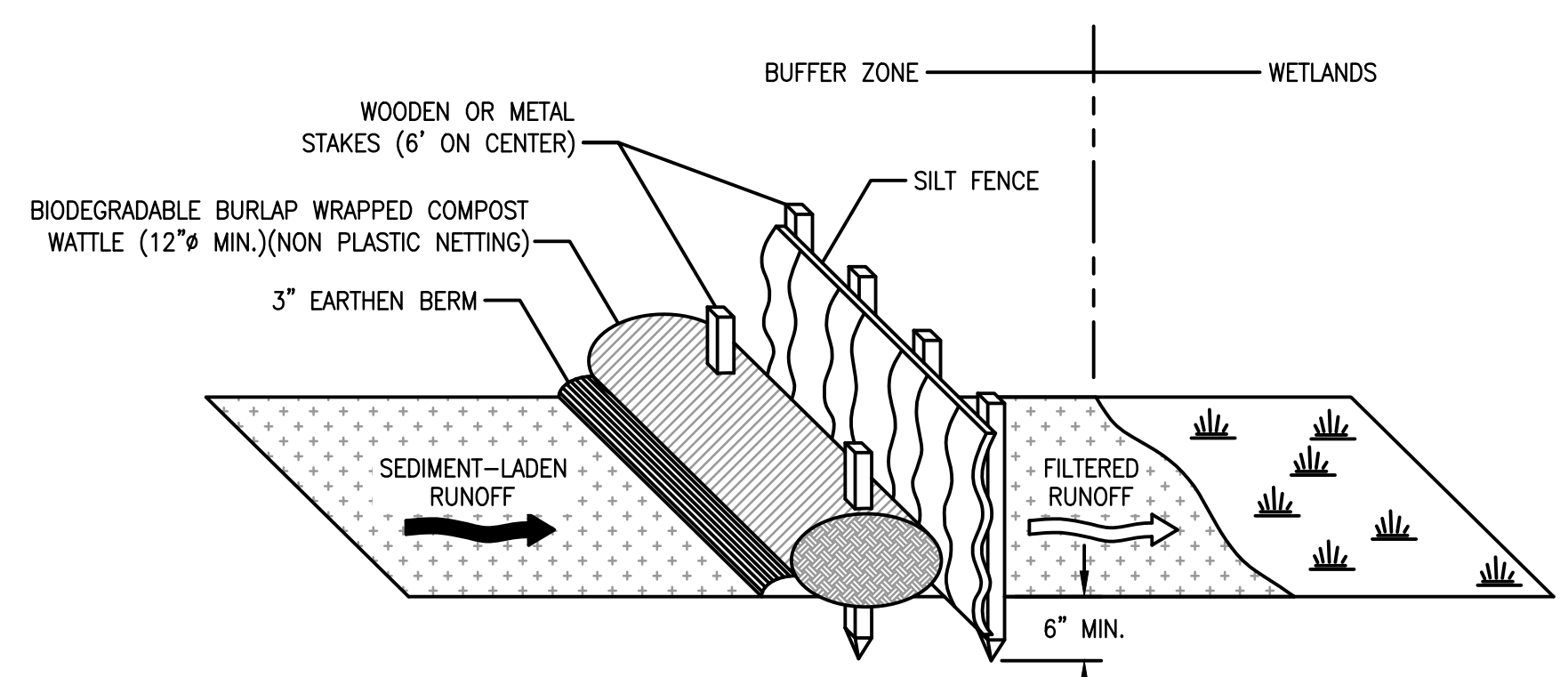


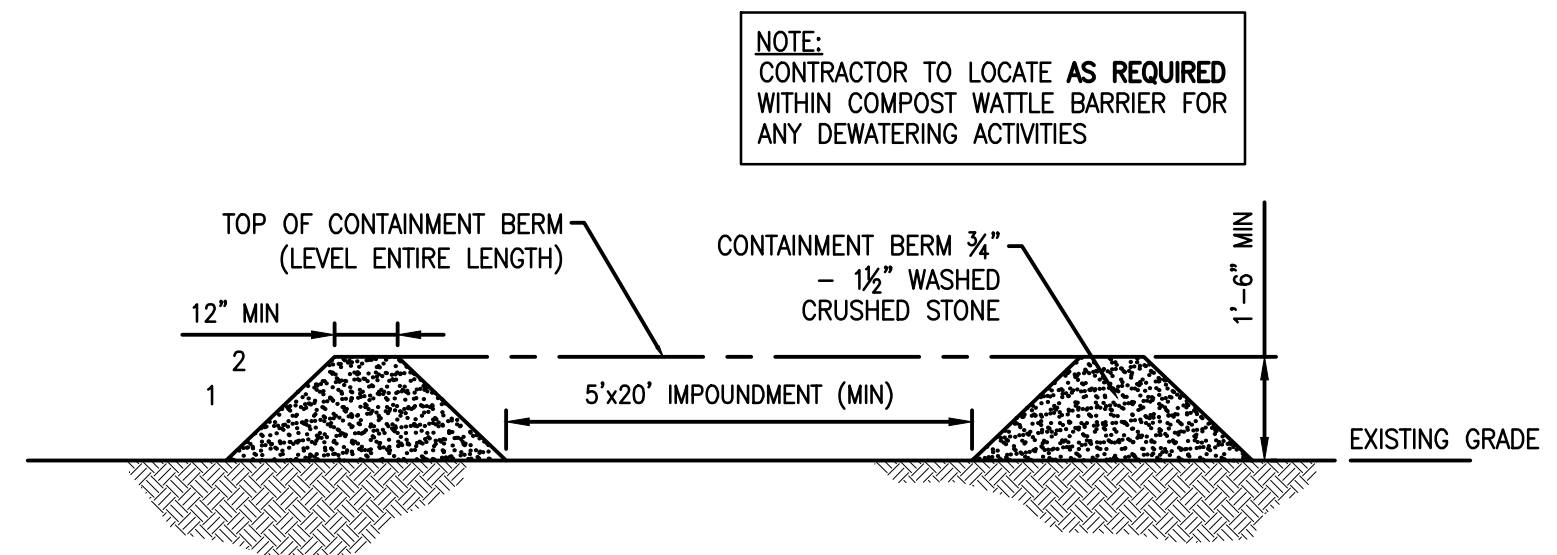
n/t  
TOWN OF HUBBARDSTON  
7 MAIN STREET,  
HUBBARDSTON MA 01452  
BK/PG: 54791/67

**EROSION CONTROL PLAN** 1  
SCALE: 1" = 20'  
0 30' 60' 90'



NOTE:  
1. BURLAP/COMPOST WATTLE IS TO BE SET FIRMLY INTO GROUND WITH A 3" EARTHEN BERM ALONG THE UPSLOPE SIDE TO PREVENT DRAINAGE FROM ROUTING BENEATH THE EROSION CONTROL BARRIER.  
2. TEMPORARY MOVEABLE EROSION CONTROL BARRIER SECTION FOR EQUIPMENT ACCESS SHALL MAINTAIN PROTECTION OF RESOURCES AT ALL TIMES. SAND TUBES SHALL BE USED TO SECURE BARRIER ON PAVED SURFACES.

**TYPICAL EROSION CONTROL BARRIER** 2  
SCALE: N.T.S. ECO1



**CROSS SECTION TEMPORARY STILLING BASIN DETAIL** 3  
SCALE: 3/8" = 1'-0" ECO1

**PROJECT DESCRIPTION AND ENVIRONMENTAL DATA**

- A. RUTLAND REGIONAL EMERGENCY COMMUNICATIONS CENTER PROPOSES TO CONSTRUCT A COMMUNICATIONS FACILITY CONSISTING OF A 20'-0"x30'-0" (600 S.F.) EQUIPMENT COMPOUND CONTAINING A PROP. 4'-0"x6'-0" (24 S.F.) REINFORCED CONCRETE EQUIPMENT PAD WITH EQUIPMENT SURROUNDED BY A 8' CHAIN LINK FENCE.
- B. THE PHASING AND SEQUENCING OF THE WORK FOR THE SITE PREPARATION FOR THE TELECOMMUNICATIONS EQUIPMENT INSTALLATION CONSISTS OF INSTALLING TEMPORARY EROSION AND SEDIMENTATION CONTROL BARRIERS; FOUNDATION WORK; EXCAVATION FOR UTILITIES; BACKFILL FOUNDATION AND UTILITY TRENCHES; INSTALLATION OF EQUIPMENT IN PROPOSED EQUIPMENT AREA; GROUNDING AND LIGHTNING PROTECTION; FINAL GRADING AND STABILIZATION OF THE EQUIPMENT AREA; LOAM AND SEED DISTURBED AREAS OUTSIDE OF THE AREA; FINAL CLEANUP AND EQUIPMENT TESTING. THE ESTIMATED TIME FOR COMPLETION OF THE WORK IS APPROXIMATELY TWELVE (12) WEEKS.
- C. THE EQUIPMENT AREA IS TO BE SURFACED WITH CRUSHED STONE UNDERLAIN BY A WEED BLOCK SYNTHETIC FILTER FABRIC. DRAINAGE PATTERNS, RUNOFF VOLUMES AND PEAK FLOW RATES WILL NOT BE ALTERED BY THE PROPOSED CONSTRUCTION. MATERIALS REMOVED FROM THE COMPOUND GRADING WILL BE TEMPORARILY STOCKPILED ON SITE IN A DESIGNATED AREA SPECIFIED BY THE LANDLORD. MATERIAL WILL BE REUSED OFF-SITE AS DETERMINED BY THE CONTRACTOR.
- D. IF REQUIRED, TEMPORARY DE-WATERING OF TRENCH EXCAVATIONS WILL BE DIVERTED INTO THE PROPOSED STILLING BASIN.
- E. PRIOR TO ANY SOIL DISTURBANCE, INSTALL ALL EROSION CONTROL BARRIERS, AT THE LIMIT OF WORK, AS PER SITE PLAN. INSPECT BARRIERS AT LEAST WEEKLY AND AFTER SIGNIFICANT (0.5 INCH OR GREATER) PRECIPITATION EVENTS. PERFORM MAINTENANCE AS REQUIRED INCLUDING REMOVAL OF ACCUMULATED SEDIMENTS (WHEN AT 50% CAPACITY) AND REPAIRS.
- F. EXCAVATE FOR FOOTINGS AND/OR SLAB AND STOCKPILE EXCESS SOIL AS DESIGNATED, AND WITHIN EROSION BARRIER, OR REMOVE FROM SITE. RE-GRADE AROUND FOOTINGS/SLAB.
- G. INSTALL PROPOSED STRUCTURE. AS SOON AS STRUCTURE IS COMPLETE SURROUNDING SOILS WILL BE STABILIZED WITHIN 14 DAYS USING CRUSHED STONE OR SIMILAR. ANY EXCESS SOIL WILL BE REMOVED FROM THE SITE.
- H. INSTALL NEW COMPOUND FENCE AND PLANTINGS AS PER PLAN.
- I. REMOVE EROSION BARRIERS.

**SILTATION & EROSION CONTROL NOTES**

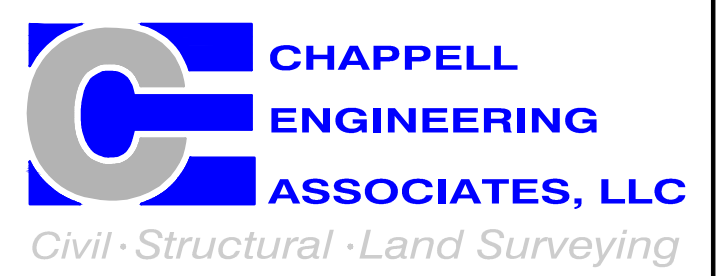
- TEMPORARY WATTLE/SILT FENCE EROSION CONTROL BARRIER SHALL BE MAINTAINED THROUGHOUT SITE CONSTRUCTION. STOCK PILE ON SITE 50 WATTLES AND 100 FEET OF SILT FENCE FOR EMERGENCY USE. CONTRACTOR SHALL REPLACE ANY SECTION OF WATTLES OR SILT FENCES DAMAGED DURING ANY PHASE OF CONSTRUCTION. TEMPORARY EROSION BARRIERS SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATIVE GROUND COVER IS ESTABLISHED.
- ALL DISTURBED AREAS OUTSIDE THE LIMITS OF THE LEASE AREA AND ACCESS ROADWAY SHALL BE PERMANENTLY ESTABLISH WITH VEGETATIVE GROUND COVER. GRADED AREAS SHALL BE PROTECTED WITH COMPOST MULCH UNTIL A GOOD VEGETATIVE COVER IS ESTABLISHED.
- A STILLING BASIN SHALL BE UTILIZED FOR ANY DEWATERING DISCHARGE WHICH MAY OCCUR DURING CONSTRUCTION OPERATIONS.
- PROPOSED CONSTRUCTION IMPACTS AND PERMANENT IMPROVEMENTS SHALL NOT SIGNIFICANTLY IMPACT STORM WATER RUNOFF PATTERNS, VOLUME OR PEAK FLOW RATES. THE FLAT GRADE OF THE EQUIPMENT COMPOUND AND STONE SURFACE WILL PROMOTE STORM WATER INFILTRATION
- DO NOT DISTURB VEGETATION AND TOPSOIL BEYOND THE PROPOSED LIMIT OF SILT FENCE ACTIVITIES.
- THE CONTRACTOR SHALL REMOVE TEMPORARY SILT FENCE AND COMPOST WATTLE DIKES AND ALL ACCUMULATED SILT AND DEBRIS AFTER COMPLETION OF CONSTRUCTION OPERATIONS.

**COMPOST WATTLE NOTES**

- WATTLES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT WATTLES.
- WATTLE BARRIER SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 3".
- WATTLES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR REBAR DRIVEN THROUGH THE WATTLES. THE FIRST STAKE IN EACH WATTLE SHALL BE ANGLED TOWARD PREVIOUSLY PLACED WATTLE TO FORCE THE WATTLES TOGETHER.
- INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY.



**Rutland Regional Emergency Communications Center**  
240 MAIN STREET  
RUTLAND, MA 01543



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201 BOSTON POST ROAD WEST  
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(508) 481-7400  
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ENGINEER/LAND SURVEYOR DATE

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

REVISIONS		
NO.	DESCRIPTION	DATE
A	ISSUED FOR REVIEW	11/19/21
0	ISSUED FOR FINAL	11/23/21

PROJECT NAME:  
**RUTLAND REGIONAL EMERGENCY COMMUNICATIONS  
160' SELF-SUPPORT LATTICE TOWER**  
21 GARDNER STREET  
HUBBARDSTON, MA 01452

DRAWING TITLE:  
**EROSION CONTROL PLAN**

DRAWING NO:  
**EC01**

SCALE: 1" = 30'	DESIGNED BY: JMF DRAWN BY: JRV CHECK'D BY: JMF	SHEET NO. 5 OF 6
PROJECT NO. 2031.01	ORIGINAL ISSUE DATE: 11/19/21	