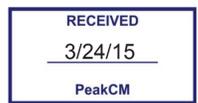




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Revisions	No.	Description	Date	By
	1	Final Plan Review	01/23/15	NTH
	2	Local Submittal Edits	03/23/15	NTH



EPSC Legend

- PROJECT AREA
- PHASE LIMIT
- BARRIER TAPE
- SILT FENCE
- SOIL STOCK PILE
- STONE CHECK DAM
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- SEDIMENT TRAP
- FIBER ROLL
- TEMPORARY VEGETATED DIVERSION SWALE

EPSC NARRATIVE

GENERAL DESCRIPTION OF PROJECT
THIS PROJECT CONSISTS OF THE DEMOLITION OF AN EXISTING BUILDING, CONSTRUCTING A NEW BUILDING WITH NEW PARKING AND UTILITIES ON ROUTE 15 IN JERICHO, VERMONT. EARTHWORK FOR THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A NEW BUILDING, NEW PARKING AREA, STORMWATER TREATMENT SYSTEM, AND TRENCHING FOR UTILITIES. DUE TO THE SCOPE OF THE PROJECT, THIS SITE QUALIFIES FOR THE LOW-RISK CONSTRUCTION GENERAL PERMIT. LOCAL REGULATIONS REQUIRE A SITE SPECIFIC PLAN FOR EROSION PREVENTION AND SEDIMENT CONTROL.

SITE DRAINAGE CHARACTERISTICS
THE SITE GENERALLY SLOPES FROM WEST TO EAST, DRAINING TO AN EXISTING CATCH BASIN AND CULVERT SYSTEM. A SMALL PORTION OF THE WEST SIDE OF THE SITE DRAINS SOUTHWARD TO THE INTERSECTION OF ROUTE 15 AND DICKINSON STREET. THE ENTIRE SITE DOES NOT EXCEED 5% ANYWHERE IN THE PROJECT AREA.

DRAINAGE, WATERWAYS AND BODIES OF WATER
BROWNS RIVER IS THE ULTIMATE RECEIVING WATER FOR THE PROJECT. RUNOFF WILL BE CONVEYED TO THE RIVER BY STORMWATER SYSTEM DISCHARGING TO ROADSIDE SWALES.

LOCATION, EXISTING FEATURES, BUILDINGS & UTILITIES
THE PROPERTY IS LOCATED ON ROUTE 15 IN JERICHO TO THE NORTH OF DICKINSON ST. THERE IS A CURRENT BUILDING ON THE SITE NOW WITH GRAVEL PARKING.

VEGETATION
THE SITE IS CURRENTLY MOSTLY GRAVEL DRIVE AND PARKING AREA AROUND THE BUILDING WITH SOME SMALL AREAS OF VEGETATION.

SOILS
SOILS IN THE AREA OF EARTHWORK CONSIST OF STETSON GRAVELLY FINE SANDY LOAM (K = 0.10).

PROXIMITY TO NATURAL AND MAN-MADE WATER FEATURES
BROWNS RIVER IS APPROXIMATELY 1200 FEET SOUTHEAST OF THE PROJECT AREA.

GRADING PLAN, TIMETABLE & CONSTRUCTION SEQUENCE
FIRST, THE DISTURBANCE LIMITS ARE TO BE MARKED WITH BARRIER TAPE AS INDICATED ON THE PLANS. PERIMETER SEDIMENT CONTROL FEATURES (E.G. SILT FENCE) AND STABILIZED CONSTRUCTION ENTRANCE WILL BE INSTALLED. ONCE THESE ITEMS ARE INSTALLED, EARTHWORK MAY PROCEED ACCORDING TO THE EPSC PLAN. DUE TO THE SMALL SIZE OF THE SITE (APPROXIMATELY 2.3 ACRES), THE ENTIRE SITE MAY BE OPEN AT ONE TIME. THE SITE SHALL REMAIN COMPLIANT WITH THE SITE STABILIZATION REQUIREMENTS NOTED ON THE EPSC PLAN SET.

EPSC PLAN & TIMETABLE
BY PROVIDING PERIMETER SEDIMENT CONTROL MEASURES AND THE SIZE OF THE SITE, THE RECEIVING WATERS ARE PROTECTED FROM EROSION FROM THE SITE. ALL MEASURES WILL BE REMOVED ONCE THE SITE HAS ACHIEVED FINAL STABILIZATION (PAVEMENT AND VEGETATIVE COVER).

STABILIZATION REQUIREMENTS
ALL AREAS OF DISTURBANCE MUST HAVE TEMPORARY OR FINAL STABILIZATION WITHIN FOURTEEN (14) CALENDAR DAYS OF THE INITIAL DISTURBANCE. AFTER THIS TIME, ANY DISTURBANCE IN THE AREA MUST BE STABILIZED AT THE END OF EACH WORK DAY. HOWEVER, THE FOLLOWING EXCEPTIONS APPLY:

- IF WORK IS TO CONTINUE IN THE AREA WITHIN THE NEXT 24 HOURS AND THERE IS NO PRECIPITATION FORECASTED IN THAT TIME PERIOD, WORK MAY CONTINUE WITHOUT STABILIZATION, AND
- IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION WITH A DEPTH OF TWO (2) FEET OR GREATER (E.G. FOUNDATION EXCAVATION, UTILITY TRENCH), STABILIZATION IS NOT REQUIRED.

STABILIZATION IS TO BE ACCOMPLISHED IN ACCORDANCE WITH THE DETAILS PROVIDED IN THE PLAN SET.

REQUIREMENTS FOR WINTER CONSTRUCTION
THE FOLLOWING MEASURES MUST BE ADHERED FOR CONSTRUCTION BETWEEN OCTOBER 15 AND APRIL 15.

TO ENSURE COVER OF DISTURBED SOIL IN ADVANCE OF A MELT EVENT, AREAS OF DISTURBED SOIL MUST BE STABILIZED AT THE END OF EACH WORK DAY, WITH THE FOLLOWING EXCEPTIONS:

- IF NO PRECIPITATION WITHIN 24 HOURS IS FORECAST AND WORK WILL RESUME IN THE SAME DISTURBED AREA WITHIN 24 HOURS, DAILY STABILIZATION IS NOT NECESSARY.
- DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS HOUSE FOUNDATIONS OR OPEN UTILITY TRENCHES.

PRIOR TO STABILIZATION, SNOW OR ICE MUST BE REMOVED TO A THICKNESS OF NO MORE THAN 1 INCH.

MULCH USED FOR TEMPORARY STABILIZATION MUST BE APPLIED AT DOUBLE THE STANDARD RATE, OR A MINIMUM OF 3 INCHES WITH AN 80-90% COVER.

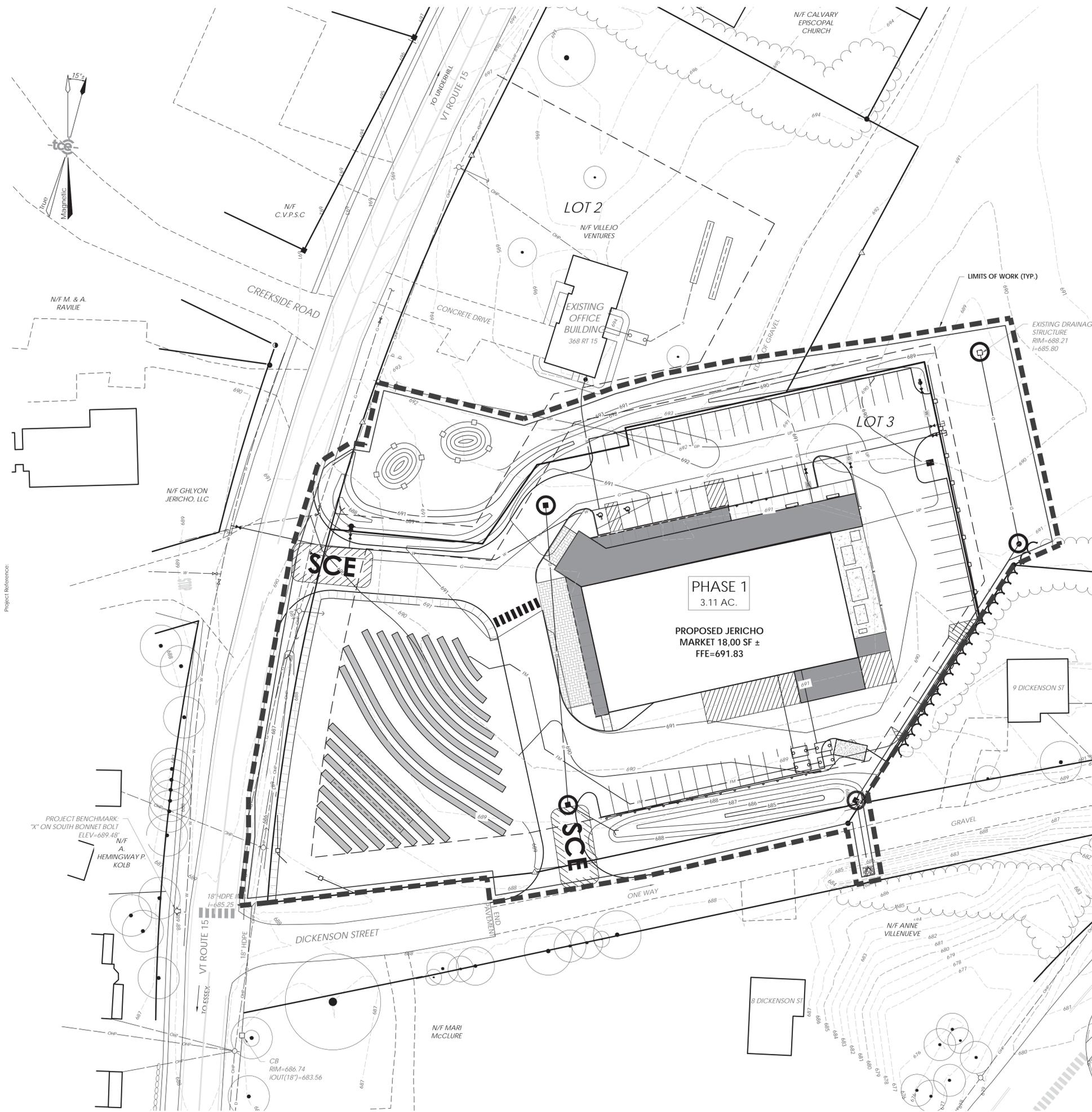
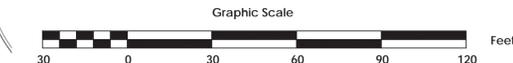
SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE MUST BE INSTALLED PRIOR TO GROUND FREEZE.

DRAINAGE STRUCTURES MUST BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS.

A MINIMUM 25 FOOT BUFFER SHALL BE MAINTAINED FROM PERIMETER CONTROLS SUCH AS SILT FENCES.

IN AREAS OF DISTURBANCE THAT DRAIN TO A WATER BODY WITHIN 100 FEET, SILT FENCE SHALL BE REINFORCED.

ALL AREAS THAT ARE DISTURBED DURING WINTER CONSTRUCTION SHALL BE STABILIZED BY APPLYING SEED AND MULCH AT TWICE THE NORMAL RATE AND THEN COVERED WITH STRAW MATTING.



Project Reference:

PROJECT BENCHMARK:
"X" ON SOUTH BONNET BOLT
ELEV=689.48'
N/F A. HEMINGWAY P. KOLB

CB
RIM=686.74
IOUT(18)=683.56

For Local Permitting Only

Project Title

Jericho Market
364 VT Route 15 Jericho, VT

Sheet Title

EPSC Plan

Date:	10/10/14
Scale:	1" = 30'
Project Number:	14-139
Drawn By:	NPC
Project Engineer:	
Approved By:	
Field Book:	

C5-01