1. THESE PLANS SHOW A CONCEPTUAL EROSION CONTROL PLAN, THE CONTRACTOR MUST SUBMIT A TEMPORARY EROSION CONTROL PLAN FOR APPROVAL.

2. SILT FENCE INSTALLATION MAY REQUIRE PHASING TO MAXIMIZE EFFECTIVENESS. INSTALL AND/OR MOVE SILT FENCE AS CONSTRUCTION PROGRESSES TO OBTAIN THE GREATEST PREVENTION OF SEDIMENT TRANSPORT. ALL SILT FENCE INSTALLATION SHALL BE PROPERLY KEYED INTO THE GROUND AND SUPPORTED AS DETAILED ON THE "EPSC DETAILS" SHEET. THE SILT FENCE SHOULD BE INSTALLED PARALLEL TO THE CONTOURS TO PREVENT CONCENTRATION OF RUNOFF. THE ENDS OF EACH RUN OF SILT FENCE SHOULD BE TURNED UPHILL TO PROVIDE A SMALL POOL FOR SEDIMENT SHOULD WATER TRY TO RUN AROUND THE END OF THE SILT FENCE.

3. NON-WOVEN SILT FENCE WITH STAKES WILL BE PAID FOR UNDER GEOTEXTILE FOR SILT FENCE.

4. SURFACE ROUGHENING HELPS REDUCE RUNOFF VELOCITIES AND INCREASES INFILTRATION RATES. ROUGHENING MAY BE ACCOMPLISHED BY A NUMBER OF METHODS SUCH AS TRACKING UP AND DOWN THE SLOPE WITH A BULLDOZER, TRACKING ACROSS THE SLOPE WITH A WHEELED VEHICLE OR ANY METHOD OF SCARIFYING THE SLOPE SUCH THAT THE GROOVES CREATED RUN PERPENDICULAR TO THE DIRECTION OF WATER RUNOFF.

5. FINAL STABILIZATION MEASURES WILL INCLUDE STABILIZATION OF ALL SURFACES BY ADDING TOPSOIL, SEED, FERTILIZER AND MULCH OR MATTING ALL DISTURBED AREAS THAT ARE NOT PAVED. SEE EPSC DETAILS FOR SEED MIX AND APPLICATION RATES.

6. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION, MAINTENANCE AND MONITORING OF EROSION CONTROL DEVICES.

7. TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND APPROVED BY THE ENGINEER PRIOR TO EXCAVATION OF SURFACES, BEYOND THOSE NECESSARY TO INSTALL THESE MEASURES.

8. ONE OBJECTIVE OF THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN IS TO MINIMIZE THE TIME THAT EXCAVATED SOILS ARE EXPOSED TO THE ELEMENTS. EXCAVATION OF THE UTILITY TRENCHES AND PARKING SURFACE SHALL BE SEQUENCED TO ACHIEVE THIS OBJECTIVE. THIS SEQUENCING OF EXCAVATION WORK SHALL BE IN THE CONTRACTOR'S EROSION PREVENTION AND SEDIMENT CONTROL PLAN.

9. TEMPORARY EROSION CONTROL MEASURES ARE CONCEPTUALLY SHOWN. THE CONTRACTOR MAY RELOCATE TEMPORARY MEASURES TO IMPROVE EROSION CONTROL WITH APPROVAL OF THE ENGINEER AND ON SITE COORDINATOR.

10. THE CONTRACTOR SHALL USE OTHER TEMPORARY EROSION CONTROL MEASURES AS NECESSITATED BY THE SEQUENCE OF CONSTRUCTION OR AS DIRECTED BY THE ENGINEER AND ON SITE COORDINATOR.

11. REFER TO EPSC DETAILS FOR ADDITIONAL DETAILS AND INFORMATION.

THE TOWN OF HARTLAND, VERMONT
JOINED BY
UPPER VALLEY LAND TRUST, INC. &
VERMONT HOUSING AND CONSERVATION BOARD

STA. 32+46.44
END PROJECT
HARTLAND
CMG PARK 25

APPLY TEMPORARY EROSION MATTING TO SLOPES 1:3 OR GREATER (TYP.) UTILIZE SURFACE ROUGHENING PRIOR TO INSTALLATION

VT STATE PLANE GRID N

SILT FENCE

CUT/FILL LIMITS

PROPOSED RED OAK TREES (TYP. OF 3)

APPROXIMATE EXISTING R.O.W.

CLASS II WETLANDS

50' WETLAND BUFFER

PROPOSED ROW/ PROPERTY LINE

PARCEL B
STATE OF VERMONT

LIMIT OF EXISTING PARK-AND-RIDE

I-91 NORTHBOUND OFF-RAMP

US ROUTE 5

TO WINDSOR

TO HARTLAND

STA. 30+31.94
BEGIN PROJECT
HARTLAND
CMG PARK 25

EROSION CONTROL MEASURES	
1	INSTALL SILT FENCE
2	INSTALL PROJECT DEMARCATION FENCE
3	INSTALL TEMPORARY EROSION MATTING

SCALE IN FEET 20 0 20

Hoyle, Tanner & Associates, Inc.

HTA PROJECT	MODEL
90422I	Z20KI540I

PROJECT NAME: HARTLAND
PROJECT NUMBER: CMG PARK(25)

FILE NAME: Z20kI54epsc3.dgn
PROJECT LEADER: WAYNE L. DAVIS
DESIGNED BY: JCC
EPSC CONSTRUCTION SITE PLAN

PLOT DATE: 9/16/2013
DRAWN BY: JCC
CHECKED BY: CRM
SHEET 22 OF 30