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**NOTES:**

1. THE SECTION SHOWN IS A REPRESENTATIVE WALL SECTION. THE WALL HEIGHTS, ELEVATIONS, TOE SLOPES, AND BACK SLOPES VARY ACCORDING TO THE ELEVATION PLAN AND SITE PLAN RESPECTIVELY. SECTIONS AND DETAILS APPLY TO SAME AND SIMILAR CONDITIONS UNLESS SPECIFICALLY NOTED OTHERWISE.
2. UPON EXCAVATION, WHERE UNSUITABLE SOILS ARE FOUND, SUBCUT AS REQUIRED BY THE ONSITE GEOTECHNICAL ENGINEER AND REPLACE WITH SUITABLE COMPACTED STRUCTURAL FILL TO ACHIEVE THE REQUIRED BEARING CAPACITY. THE STRUCTURAL FILL SHALL BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR DENSITY. (SEE DETAIL 3/4.00)
3. APPROXIMATE LIMITS OF EXCAVATION VARIES WHERE SUBCUT IS REQUIRED. ACTUAL LIMITS AND SIDE SLOPES SHALL BE DETERMINED BY OSHA REGULATIONS AND MATCH FIELD CONDITIONS AS DETERMINED BY THE CONTRACTOR.
4. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL STATE, COUNTY, AND CITY REGULATIONS AND CODES AS WELL AS OSHA STANDARDS.
5. THE WALLS SHALL BE CONSTRUCTED WITH RECON SERIES 50: 24" DEEP UNITS USING 0.0° BATTER AND STRATA SG350 GEOGRID REINFORCEMENT AT THE ELEVATIONS SHOWN.

**NOTES:**

6. WALLS 1 AND 2 SHALL BE BACKFILLED WITH GRANULAR BACKFILL FOR STRUCTURES. WALLS 3 AND 4 SHALL BE BACKFILLED WITH LIGHTWEIGHT BACKFILL.
7. TO PREVENT PONDING OF WATER, POSITIVE DRAINAGE SHALL BE PROVIDED AT THE TOP AND BOTTOM OF WALL. INSPECT EXCAVATION SLOPES FOR ACTIVE SEEPAGE AND PLACE ADDITIONAL DRAINS WHERE SEEPAGE OCCURS.
8. THE WORK SHALL BE PERFORMED IN A GENERAL SEQUENCE DEVELOPED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR THE SEQUENCES AND PROCEDURES TO BE USED.
9. ALL AVAILABLE MEANS AND METHODS SHALL BE USED TO KEEP EXCAVATION FOR THE RETAINING WALLS WITHIN THE CONSTRUCTION LIMITS SHOWN ON THE PLANS. EXCAVATION SLOPES SHALL BE DETERMINED BY OSHA REGULATIONS AND IN-SITU SOIL CONDITIONS.
10. AT THE END OF EACH DAY'S OPERATION, SLOPE THE LAST LIFT OF BACKFILL TO DIRECT SURFACE RUNOFF AWAY FROM THE WALL. DO NOT ALLOW SURFACE RUNOFF FROM ADJACENT AREAS TO ENTER WALL CONSTRUCTION AREA.

**NOTES:**

11. THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND DEPTHS OF EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING CONDUITS AND SERVICES WITH THE UTILITY PROVIDER. IF CONFLICTS EXIST THE ENGINEER SHALL BE CONTACTED IMMEDIATELY.
12. DO NOT BRING HEAVY COMPACTION OR PAVING EQUIPMENT WITHIN 3 FEET OF THE BACK OF THE RECON RETAINING WALL. ONLY HAND-OPERATED COMPACTION EQUIPMENT (E.G. TAMPER, PLATE COMPACTOR, SHEEP'S FOOT ROLLER) SHALL BE USED WITHIN 3 FEET OF THE BACK OF THE RECON RETAINING WALL UNITS.
13. IF, DURING THE PERFORMANCE OF THE WORK, THE CONTRACTOR FINDS A CONFLICT, ERROR, OR DISCREPANCY IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SO REPORT TO THE ENGINEER IN WRITING AT ONCE. BEFORE PROCEEDING WITH THE AFFECTED THEREBY, THE CONTRACTOR SHALL OBTAIN A WRITTEN INTERPRETATION OR CLARIFICATION FROM THE ENGINEER. WORK DONE BEFORE THE ENGINEER RENDERS A DECISION IS AT THE CONTRACTOR'S SOLE RISK.
14. SEE MANUFACTURERS INFORMATION FOR ADDITIONAL DETAILS ON THE RECON RETAINING WALL SYSTEM. THE MANUFACTURER INFORMATION SHALL ACCOMPANY THE CONSTRUCTION PLANS.

Approved

BY: R. Young

DATE: 3/13/19

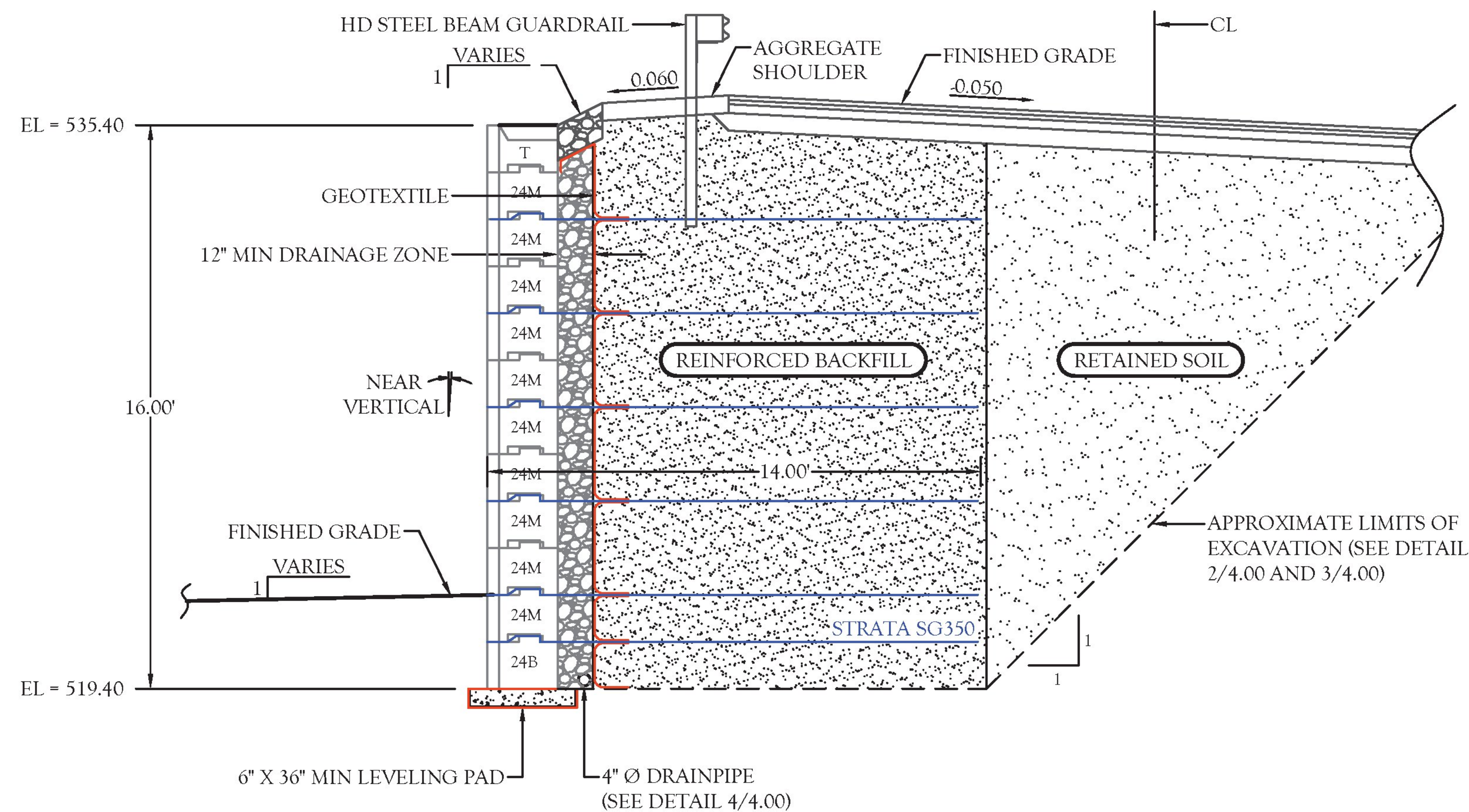
RESUBMIT: No

RECEIVED: March 12, 2019

CKD BY: G. Laroche/G. Dargan

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

Concrete Retaining Wall Version 3.007



**TYPICAL REINFORCED WALL SECTION A - A**  
(WALL 3 SECTION SHOWN AT STATION 22.00')

T	24" DEEP FULL TOP
24M	24" DEEP FULL MIDDLE
24B	24" DEEP FULL BOTTOM

No	Date	Revision	By
1	03.05.2019	REVIEW COMMENTS	TPH
2	03.11.2019	REVIEW COMMENTS	TPH
3			
4			
5			
6			

Designed By:	TPH	Project:	POULTNEY BRIDGE REPLACEMENT POULTNEY, VERMONT
Scale:	1"=5'	Title:	SECTION A - A
Date:	JAN 17, 2019	Registration No:	74668
		Project No:	18-0989
		Sheet No:	5.00

CURT J. DERICHS, P.E.

Date: 3/1/19

CIVIL DESIGN

PROFESSIONALS

8609 LYNDALE AVENUE SOUTH, SUITE 200 BLOOMINGTON, MN 55420  
PHONE: (652) 303-5312 | WEBSITE: WWW.CDP.US.COM  
SITE SOLUTION PROFESSIONALS, INC. D.B.A. CIVIL DESIGN PROFESSIONALS