

VERMONT AGENCY OF NATURAL RESOURCES

APPLICATION FOR COVERAGE UNDER THE STREAM ALTERATION GENERAL PERMIT FOR REPORTING ACTIVITY (SECTION C.2.2)

10 VSA, SECTIONS 1022 & 7503

Applicant Name Town of Brandon

Mailing Address 2417 Franklin Street

Brandon, VT 05733

Agency Use Only
Project ID
Receipt Date
If >10 square miles use Individual Permit

Phone 802-247-3635 Cell N/A Email

Landowner (if different than applicant) See Attached

Landowner Mailing Address Phone

Email

Project Location: Address Cob Hill Road Town Brandon Lat 73° 06' 11.99" W

River Bresse Mill Brook Drainage Area 4.51 mi² Long 43° 45' 50.00" N

Brief Project Description Replacing existing culvert with open-bottomed steel culvert with aluminium winged and head walls.

Consultant or Designer (if known) Jason Booth, P.E. Phone 802-879-7733 Email jbooth@aeengineers.com

Contractor (if known) TBD Phone Email

Required Attachments (additional information may be required after initial application review)

- Location Map
List of adjacent landowners; names and addresses
2 copies of project design drawings including:
plan view, cross sections, existing and proposed conditions, bankfull width (channel width at high water)

APPLICANT MUST FILE COPY OF THIS APPLICATION WITH TOWN CLERK AND ADJOINERS

CERTIFICATION: I hereby certify that the information on this application is, to the best of my knowledge, true and accurate and that I have provided a copy of this application to the Clerk of the municipality in which this activity is located, the local and regional planning commissions, and to each adjoining landowner as required in the Vermont Stream Alteration Rule. I recognize that by signing this application I am giving consent to employees of the State to enter the subject property for the purpose of processing this application and for ensuring compliance with subsequent agency decisions relating to the project.

Print Full Name David J. Atherton

Applicant Signature

Date June 5, 2014

NOTE: A PERMIT MAY BE REQUIRED FROM THE US ARMY CORPS OF ENGINEERS. For information contact: US Army Corps of Engineers, VT Project Office, 11 Lincoln St - Rm210, Essex Jct VT 05452 802-872-2893

INSTRUCTIONS

APPLICATION FOR REPORTING ACTIVITY COVERAGE (STREAM ALTERATION GP SECTION C.2.2)

- (1) This application is for use by anyone proposing to alter by excavation, movement or fill of greater than 10 cubic yards in any perennial stream where there is less than 10 square miles of watershed at the point of alteration and the activity does not qualify for coverage under the General Permit Section C.2.1.
http://www.watershedmanagement.vt.gov/permits/htm/pm_streamalt.htm
- (2) Submit your application to:
Department of Environmental Conservation
Rivers Program
One National Life Drive – Main 2
Montpelier, VT 05620-3522
ANR.WSMDRivers@state.vt.us
- (3) Provide the applicant name and contact information; may be landowner, municipality, contractor or other.
- (4) Provide landowner contact information if different from the applicant.
- (5) Indicate appropriate range of watershed size at the location of the activity. See town-based maps at:
http://www.watershedmanagement.vt.gov/rivers/htm/rv_management.htm
- (6) Provide a brief project description including type of activity, approximate magnitude of project, etc.
- (7) Describe location by town, address, stream, and latitude/longitude (if known).
- (8) Provide name, phone number and email for consultant or project designer, if involved, and contractor, if known.
- (9) Provide location map. Web accessible maps are available at link provided above in #5.
- (10) Provide two (2) copies of all design drawings, including existing and proposed conditions, plan view, cross sections, and any other pertinent hydraulic, hydrologic, structural, or property boundary information. Plan view typically should extend beyond the construction site so that larger scale stream processes can be identified and considered in the design and regulatory decision. It is preferred but not necessary that design drawings be drawn to scale. In some cases, to-scale drawings may be required. Provide copies of municipal flood hazard area maps wherever any stream crossing structure or other flood plain encroachment is proposed within a mapped flood hazard area.
- (11) Applicant must file a copy of the application with the selectboard and clerk of the municipality in which the project is located, the local and regional planning commissions, and with each adjoining property owner. Provide list of landowner names and addresses. For regional planning commissions see www.vapda.org.
- (12) Sign and date the application. Recognize that your signature certifies that the information provided is true, that you have sent copies to the selectboard and municipal clerk, the local and regional planning commissions, and to adjoining property owners, and that you have consented to on-site inspections by state employees.

TOWN OF BRANDON, VERMONT

COBB HILL CULVERT REPLACEMENT

PA-01-VT-4022-PW-00481(0)
MAY, 2015

AE
Aldrich + Elliott
WATER RESOURCE ENGINEERS
6 Market Place, Suite 2
Essex Jct., VT 05452
P: 802.879.7733
AEEngineers.com

SELECT BOARD

DOUG BAILEY CHAIR
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DEVON FULLER, CLERK
TRACY FULLER
ETHAN SWIFT

TOWN MANAGER

DAVID ATHERTON

PUBLIC WORKS DIRECTOR

DARYL BURLETT



LOCATION MAP
SCALE: 1"=500'



**ISSUED FOR 90% REVIEW
NOT FOR CONSTRUCTION**

INDEX OF DRAWINGS

DRAWING NO.	TITLE
T	TITLE SHEET AND INDEX OF DRAWINGS
1	GENERAL NOTES, LEGEND, AND LOCATION PLAN
2	EXISTING SITE PLAN AND PROFILE
3	PROPOSED SITE PLAN AND PROFILE
4	SECTIONS
5	ROADWAY AND CULVERT DETAILS
6	EROSION CONTROL DETAILS

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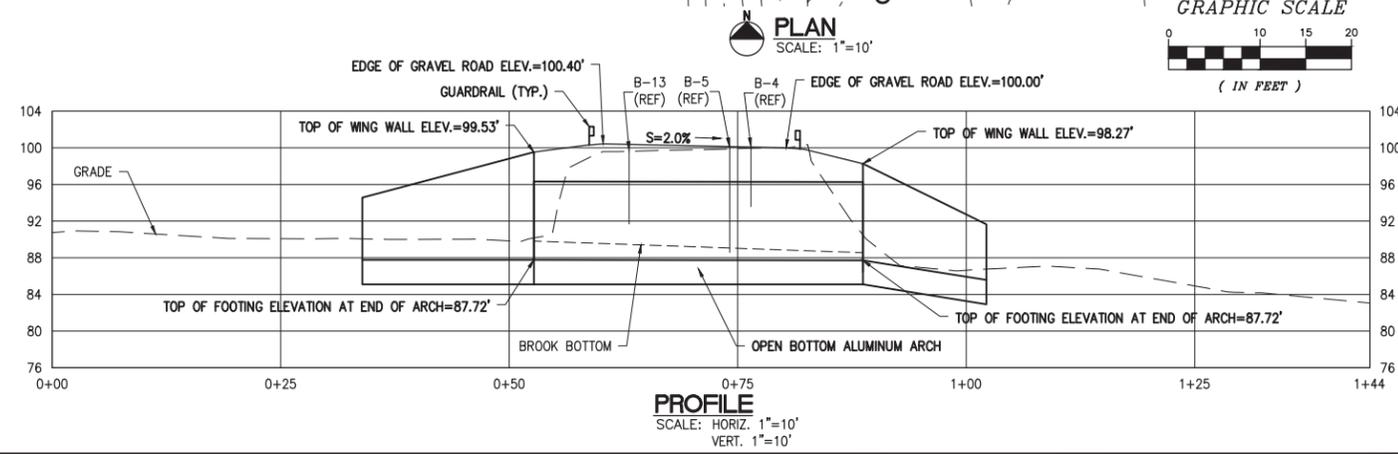
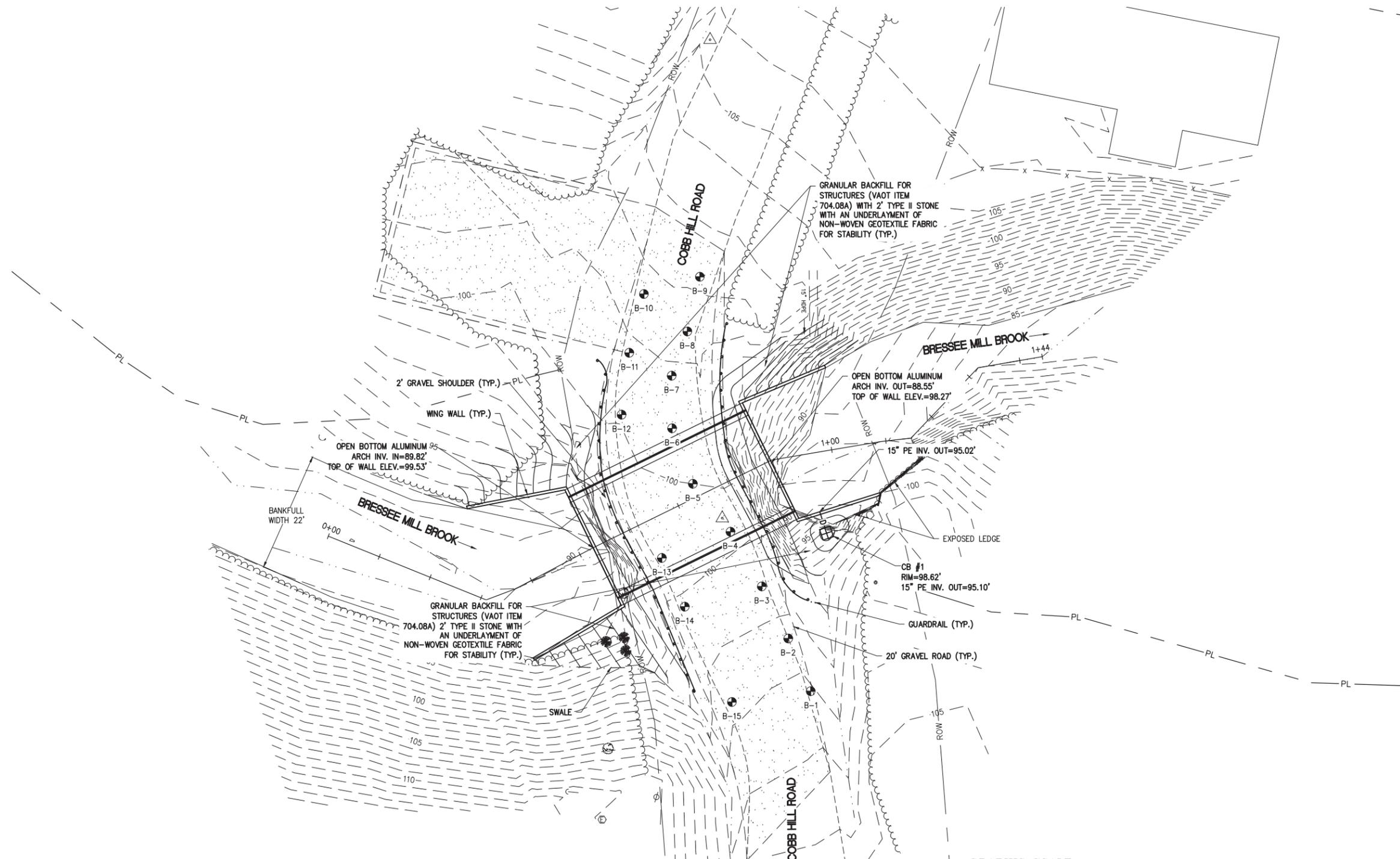
CHECKED	DESCRIPTION	DATE	No.

TOWN OF BRANDON, VERMONT

COBB HILL CULVERT REPLACEMENT

TITLE SHEET AND INDEX OF DRAWINGS

DESIGNED JAB	PROJECT NO. 14043
DRAWN JEN	DRAWING T
CHECKED WAE	
DATE MAY, 2015	



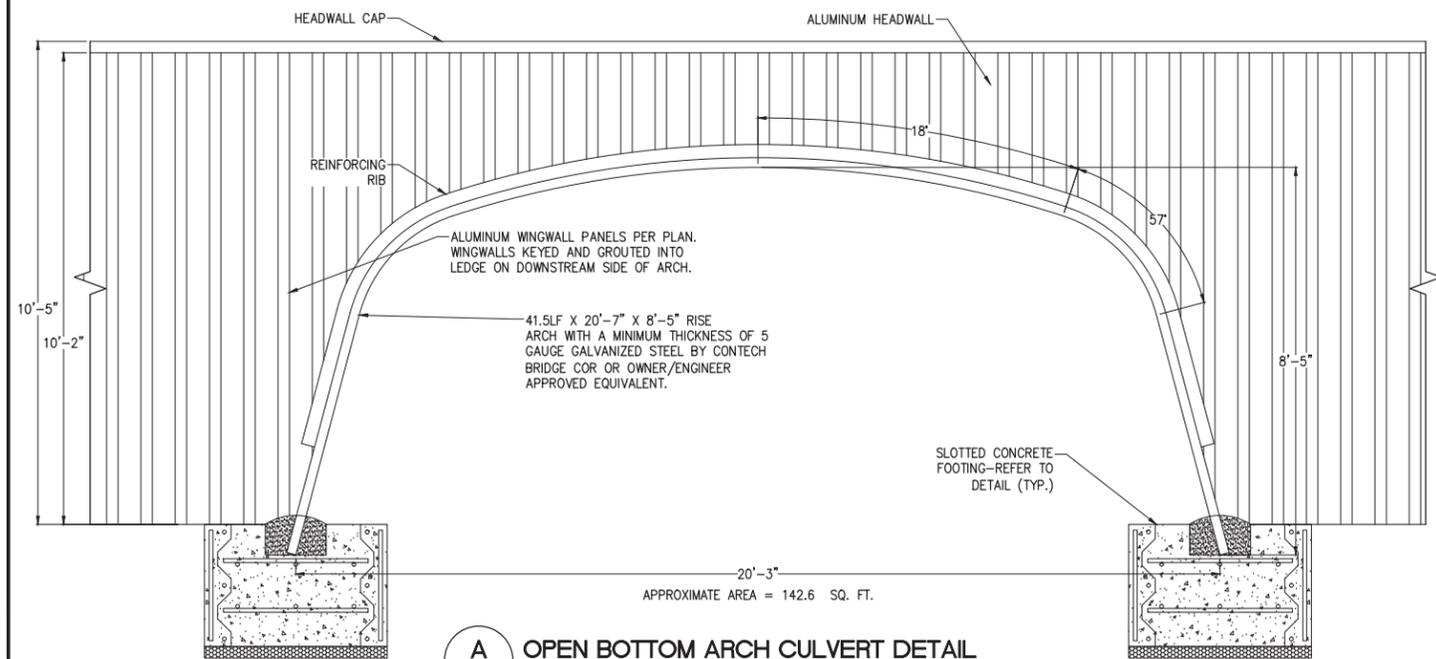
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TOWN OF BRANDON, VERMONT

COBB HILL CULVERT REPLACEMENT

PROPOSED SITE PLAN AND PROFILE

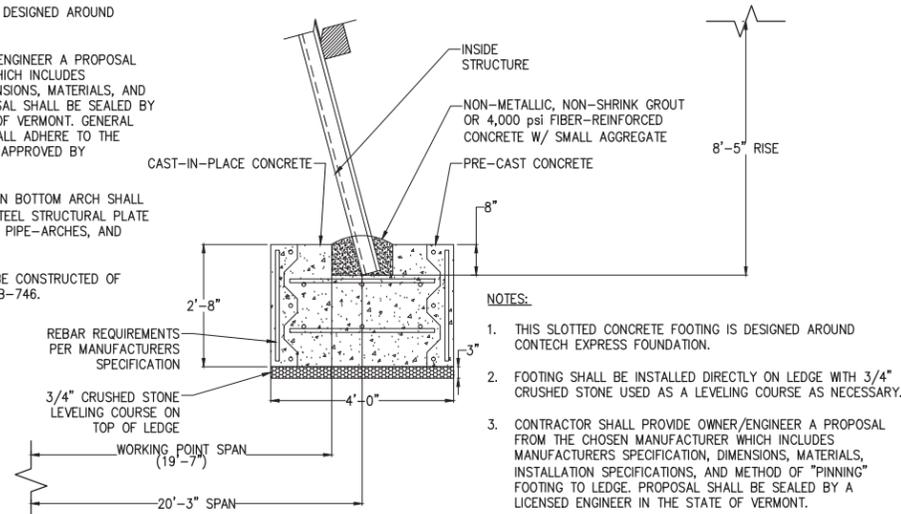
DESIGNED JAB	PROJECT NO. 14043
DRAWN JEN	DRAWING 3
CHECKED WAE	DATE MAY, 2015



A
5 OPEN BOTTOM ARCH CULVERT DETAIL
SCALE: 1/2"=1'-0"

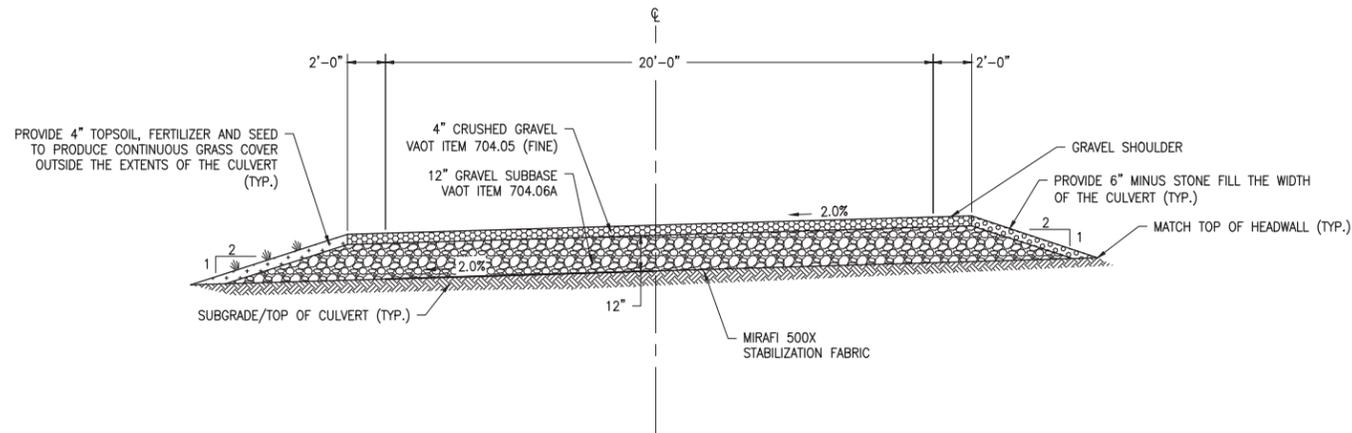
NOTES:

- THIS OPEN BOTTOM ARCH CULVERT IS DESIGNED AROUND CONTECH BRIDGE COR BOX CULVERT.
- CONTRACTOR SHALL PROVIDE OWNER/ENGINEER A PROPOSAL FROM THE CHOSEN MANUFACTURER WHICH INCLUDES MANUFACTURERS SPECIFICATION, DIMENSIONS, MATERIALS, AND INSTALLATION SPECIFICATIONS. PROPOSAL SHALL BE SEALED BY A LICENSED ENGINEER IN THE STATE OF VERMONT. GENERAL SHAPE, GEOMETRY, AND MATERIAL SHALL ADHERE TO THE CONTRACT PLANS UNLESS OTHERWISE APPROVED BY OWNER/ENGINEER.
- ALL CORRUGATED STEEL FOR THE OPEN BOTTOM ARCH SHALL BE PER ASTM A-761 "CORRUGATED STEEL STRUCTURAL PLATE ZINC COATED FOR FIELD BOLTED PIPE, PIPE-ARCHES, AND ARCHES".
- HEADWALLS AND WING WALLS SHALL BE CONSTRUCTED OF ALUMINUM STRUCTURAL PLATE-ASTM B-746.

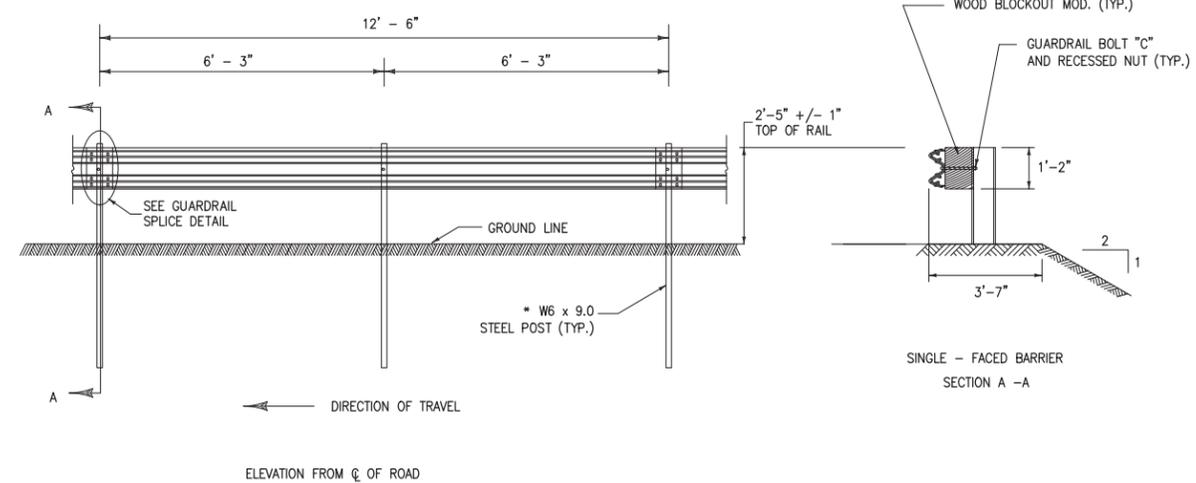


B
5 ARCH CULVERT SLOTTED CONCRETE FOOTING DETAIL
SCALE: 1/2"=1'-0"

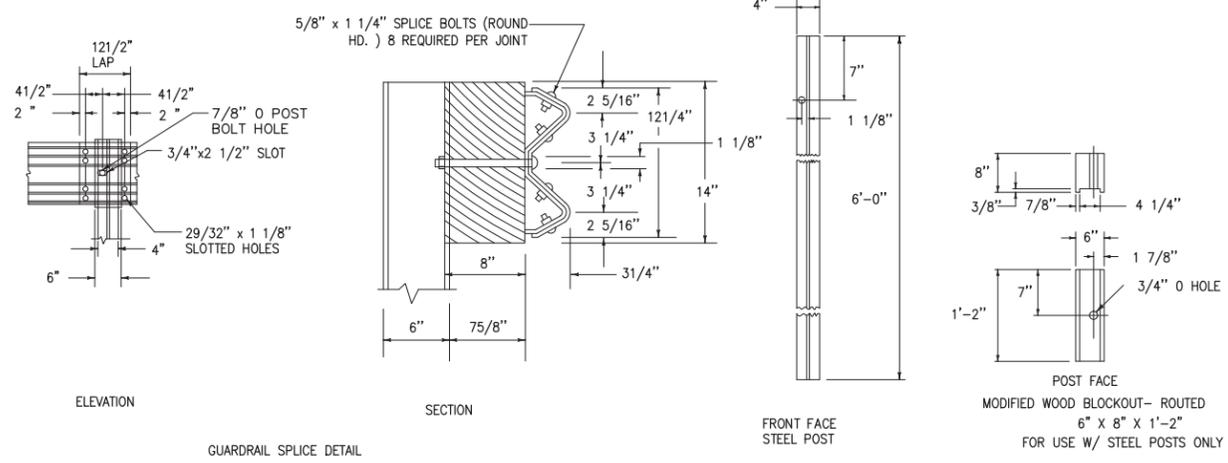
- NOTES:
- THIS SLOTTED CONCRETE FOOTING IS DESIGNED AROUND CONTECH EXPRESS FOUNDATION.
 - FOOTING SHALL BE INSTALLED DIRECTLY ON LEDGE WITH 3/4" CRUSHED STONE USED AS A LEVELING COURSE AS NECESSARY.
 - CONTRACTOR SHALL PROVIDE OWNER/ENGINEER A PROPOSAL FROM THE CHOSEN MANUFACTURER WHICH INCLUDES MANUFACTURERS SPECIFICATION, DIMENSIONS, MATERIALS, INSTALLATION SPECIFICATIONS, AND METHOD OF "PINNING" FOOTING TO LEDGE. PROPOSAL SHALL BE SEALED BY A LICENSED ENGINEER IN THE STATE OF VERMONT.



C
5 TYPICAL GRAVEL ROADWAY DETAIL
SCALE: NONE



D
5 TYPICAL "W" BEAM GUARDRAIL DETAIL
SCALE: NONE



- NOTES:
- BLOCKS SHALL BE MADE OF TIMBER WITH A STRESS GRADE OF 1200 PSI OR MORE. TESTING SHALL BE IN ACCORDANCE WITH WEST COAST LUMBER INSPECTION BUREAU, SOUTHERN PINE INSPECTION BUREAU OR OTHER APPROPRIATE ASSOCIATION. TIMBER FOR BLOCKS SHALL BE ROUGH SAWN (UNPLANED) WITH DIMENSIONS INDICATED. THE SIZE TOLERANCE OF ROUGH SAWN BLOCKS IN THE DIRECTION OF THE BOLT HOLES SHALL BE NOT MORE THAN +/- 1/4".
 - SUPPLY WOOD BLOCKS PER AASHTO M 168.
 - TREAT WITH PRESERVATIVE PER AASHTO M 133.
 - BLOCKOUTS MAY ALSO BE MADE OF APPROVED ALTERNATIVE MATERIAL.

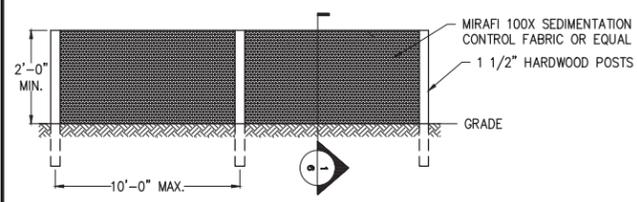
CHECKED	DESCRIPTION	DATE	No.

TOWN OF BRANDON, VERMONT

COBB HILL CULVERT REPLACEMENT

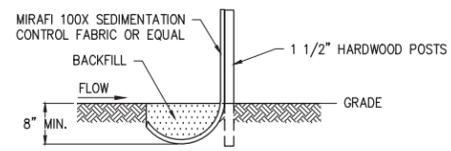
ROADWAY AND CULVERT DETAILS

DESIGNED JAB	PROJECT NO. 14043
DRAWN JEN	DRAWING 5
CHECKED WAE	DATE MAY, 2015

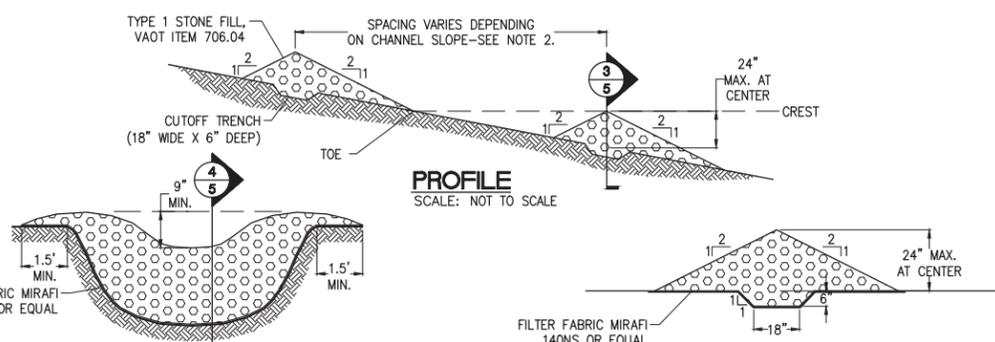


- NOTES:**
- SILT FENCE SHALL BE PRE-FABRICATED EROSION CONTROL FENCE BY MIRAFI OR APPROVED EQUAL.
 - INSTALL WHERE SHOWN ON PLANS. THE FENCE SHALL BE INSTALLED PARALLEL TO CONTOURS WHERE POSSIBLE. THE ENDS OF THE FENCE SHOULD BE CURVED UPHILL TO PREVENT FLOW AROUND THE ENDS.
 - SECTIONS OF THE SILT FENCE SHALL BE JOINED TO OVERLAP BY FOLDING FABRIC AROUND EACH POST ONE FULL TURN. DRIVE POSTS TIGHTLY TOGETHER AND SECURE TOPS OF POSTS BY TYING OFF WITH CORD OR WIRE TO PREVENT FLOW-THROUGH OR BUILT-UP SEDIMENT AT JOINT.
 - INSPECT ALL SILT FENCE AT LEAST ONCE A WEEK AND WITHIN 24 HOURS AFTER EACH RAINFALL. MAINTENANCE SHALL BE PERFORMED AS NEEDED, AND SEDIMENT REMOVED WHEN SEDIMENT REACHES 1/3 HEIGHT OF THE SILT FENCE.
 - UPON FINAL STABILIZATION OF THE AREA UPHILL OF THE FABRIC, THE FABRIC SHALL BE REMOVED WITH THE APPROVAL OF THE ENGINEER.

A
6 TYPICAL TEMPORARY SILT FENCE DETAIL
SCALE: NONE

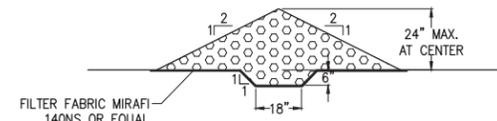


1
6 SECTION
SCALE: NONE



3
6 SECTION
SCALE: NOT TO SCALE

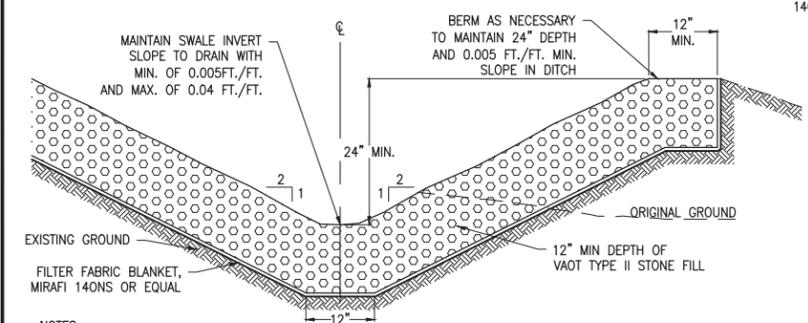
PROFILE
SCALE: NOT TO SCALE



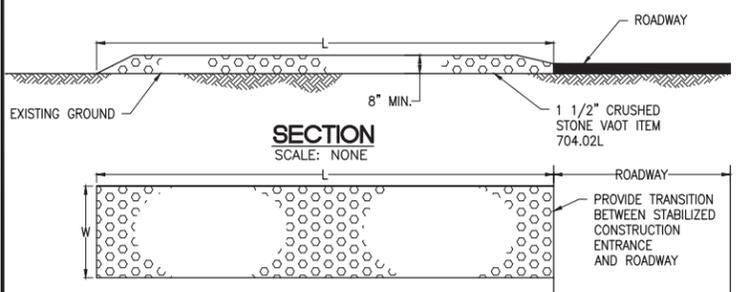
4
6 SECTION
SCALE: NOT TO SCALE

- NOTES:**
- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION AT ALL LOCATIONS SHOWN ON THE PLANS.
 - SET SPACING OF THE CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
 - EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT THE FLOW OF WATER AROUND THE DAM.
 - PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
 - ENSURE THAT THE CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.
 - INSPECT ALL CHECK DAMS AT LEAST ONCE A WEEK AND WITHIN 24 HOURS AFTER EACH RAINFALL. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN SEDIMENT REACHES 1/3 HEIGHT OF CHECK DAM.
 - UPON STABILIZATION OF THE AREA UPSTREAM OF THE STONE CHECK DAM, THE CHECK DAM SHALL BE REMOVED WITH THE APPROVAL OF THE ENGINEER. THE AREA UNDER THE STONE CHECK DAM SHALL BE SEEDED AND MULCHED UPON REMOVAL.

D
6 TYPICAL TEMPORARY STONE CHECK DAM DETAIL
SCALE: NONE

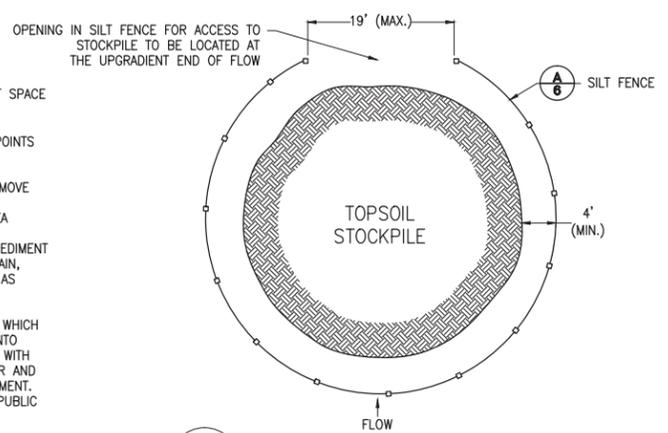


B
6 TYPICAL STONE LINED DRAINAGE SWALE DETAIL
SCALE: NONE

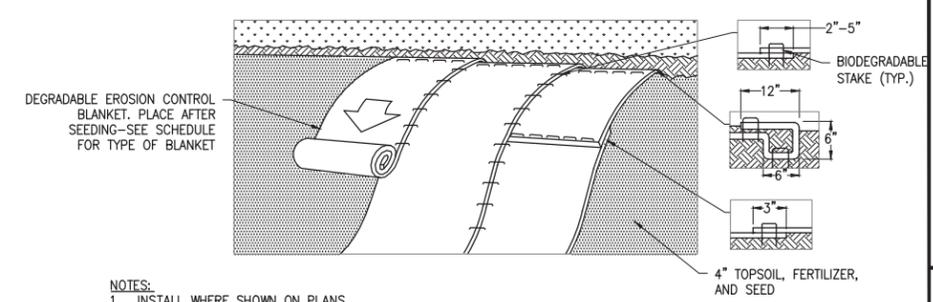


C
6 TYPICAL STABILIZED CONSTRUCTION ENTRANCE DETAIL
SCALE: NONE

- NOTES:**
- LENGTH (L) SHALL BE 50' MINIMUM WHERE SUFFICIENT SPACE IS AVAILABLE.
 - WIDTH (W) SHALL NOT BE LESS FULL WIDTH OF ALL POINTS OF INGRESS AND EGRESS.
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE, WHICH DRAINS INTO APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE THROUGH USE OF METHODS AS APPROVED BY THE ENGINEER.
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, OR WASHED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.



E
6 TYPICAL TOPSOIL STOCKPILE DETAIL
SCALE: NONE



- NOTES:**
- INSTALL WHERE SHOWN ON PLANS.
 - CONTRACTOR SHALL USE BIODEGRADABLE STAKES FOR FASTENERS. WIRE STAPLES ARE NOT ACCEPTABLE.
 - PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
 - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF BIODEGRADABLE STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAKING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF BIODEGRADABLE STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
 - BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING BIODEGRADABLE STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAKE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, BIODEGRADABLE STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
 - THE EDGES OF PARALLEL BLANKETS MUST BE STAKED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
 - CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAKE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
 - IN LOOSE SOIL CONDITIONS, THE USE OF STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

DEGRADABLE EROSION CONTROL BLANKET SCHEDULE			
TYPE	SLOPE (X)	BLANKET DESCRIPTION	MODEL No.
A	3:1-2:1	SINGLE NET STRAW BLANKET	NORTH AMERICAN GREEN S75 OR EQUAL
B	2:1-1:1	DOUBLE NET STRAW BLANKET	NORTH AMERICAN GREEN S150 OR EQUAL

F
6 TYPICAL DEGRADABLE EROSION CONTROL BLANKET DETAIL
SCALE: NONE

- EROSION CONTROL NOTES:**
- EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED PRIOR TO PERFORMING ANY EARTHWORK DOWNSTREAM OF THE DISTURBED AREA AND AS DIRECTED BY THE ENGINEER. THE MEASURES SHALL BE MAINTAINED UNTIL THE UPSTREAM DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL MEASURES DETERMINED NECESSARY IN THE FIELD.
 - SILT FENCE SHALL BE INSTALLED, AS SHOWN ON THE CONTRACT DRAWINGS PRIOR TO ANY EARTHWORK DOWNSTREAM OF THE DISTURBED AREA AND AS DIRECTED BY THE ENGINEER. THE SILT FENCE SHALL BE MAINTAINED AND CLEANED UNTIL THE UPSTREAM DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED AND AS DIRECTED BY THE ENGINEER. WHERE POSSIBLE NATURAL DRAINAGE WAYS SHALL BE UTILIZED AND LEFT OPEN TO REMOVE EXCESS SURFACE WATER.
 - STONE CHECK DAMS SHALL BE INSTALLED IN DRAINAGE SWALES, AS SHOWN ON THE CONTRACT DRAWINGS AND AS DIRECTED BY THE ENGINEER. CHECK DAMS SHALL BE INSTALLED IMMEDIATELY FOLLOWING DISTURBANCE OF THE DRAINAGE SWALE AND SHALL BE MAINTAINED UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED AND AS DIRECTED BY THE ENGINEER.
 - DEGRADABLE EROSION CONTROL BLANKETS SHALL BE INSTALLED ON DISTURBED VEGETATED SLOPES THAT HAVE SLOPES GREATER THAN 3:1. THE CONTRACTOR SHALL INSTALL THE DEGRADABLE EROSION CONTROL BLANKETS PER MANUFACTURER'S RECOMMENDATIONS.
 - PROPER EROSION CONTROLS SHALL BE PROVIDED AROUND STOCKPILED EXCAVATED MATERIALS. THESE CONTROLS MAY INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING METHODS OF EROSION PREVENTION AND SEDIMENT CONTROL: PERIMETER SILT FENCE; INTERCEPTOR DRAINAGE DITCHES; VELOCITY REDUCTION DAMS IN DRAINAGE DITCHES; TEMPORARY BANK PROTECTION SUCH AS RIPRAP, MATTING, OR ARTIFICIAL COVERING; STONE CHECK DAM CONTROL SYSTEMS; SPECIAL STOCKPILING METHODS; AND WATER BARS.
 - THE CONTRACTOR SHALL PROVIDE A MECHANICAL SWEEPER AND SHALL SWEEP CLEAN THE ROADS IN THE CONSTRUCTION AREAS AS REQUIRED TO REMOVE ACCUMULATED SEDIMENT AND PREVENT SEDIMENT RUNOFF INTO RECEIVING WATERS AND AS DIRECTED BY THE ENGINEER.
 - TEMPORARY EROSION CONTROL MEASURES SHALL BE UTILIZED BY THE CONTRACTOR AS REQUIRED TO PREVENT ANY SEDIMENTATION FROM RUNNING INTO RECEIVING WATERS. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE ANY IMPACT OF THE ON-SITE SURFACE RUNOFF ON THE QUALITY OF THE RECEIVING WATERS.
 - THE SMALLEST PRACTICAL AREA OF LAND SHALL BE DISTURBED AT ANY ONE TIME DURING CONSTRUCTION. WHEN LAND IS DISTURBED DURING CONSTRUCTION, THE DISTURBANCE SHALL BE KEPT TO THE SHORTEST PRACTICAL DURATION AS APPROVED BY THE ENGINEER. LAND SHALL NOT BE LEFT DISTURBED DURING THE WINTER MONTHS AND OVERWINTER STABILIZATION MEASURES SHALL BE INSTALLED PRIOR TO OCTOBER 15TH.
 - ALL DISTURBED AREAS AND SIDE SLOPES WHICH ARE FINISH GRADED WITH NO FURTHER CONSTRUCTION TO TAKE PLACE SHALL BE LOAMED, LIMED, FERTILIZED, SEEDED, AND MULCHED WITHIN 48 HOURS OF FINAL GRADING. A MINIMUM OF 3 INCHES OF LOAM SHALL BE PLACED. SEED, LIME, FERTILIZER, AND MULCH SHALL CONFORM TO SPECIFICATION SECTION 02930.
 - NO DISTURBED AREAS SHALL BE LEFT UNSEEDED AND UNMULCHED FOR MORE THAN SEVEN (7) DAYS. DISTURBED AREAS WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE MULCHED AND SEEDED WITH RYE GRASS TO PREVENT EROSION. HAY OR STRAW MULCH SHALL BE APPLIED TO ALL FRESHLY SEEDED AREAS AT THE RATE OF 2 TONS PER ACRE. BALES SHALL BE UNSPOILED, AIR DRIED, AND FREE FROM WEED, SEEDS, AND ANY COARSE MATERIAL. CONTRACTOR MAY ALSO USE EROSION MATTING OR OTHER APPROVED METHODS OF TEMPORARY COVER.
 - ALL EROSION PREVENTION AND SEDIMENT CONTROL STRUCTURES AND MEASURES SHALL BE INSPECTED BY OR UNDER THE DIRECTION OF THE ON-SITE COORDINATOR AT LEAST EVERY SEVEN (7) CALENDAR DAYS AND AS SOON AS POSSIBLE BUT NO LATER THAN 24 HOURS AFTER ANY STORM EVENT WHICH GENERATES A DISCHARGE OF STORMWATER RUNOFF FROM THE CONSTRUCTION SITE.
 - AFTER ALL UPSTREAM DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED AND AS DIRECTED BY THE ENGINEER, THE DOWNSTREAM TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND THE ACCUMULATED SEDIMENT PROPERLY DISPOSED OF. THE AREA DISTURBED BY THE REMOVAL OF TEMPORARY MEASURES SHALL BE PREPARED, SEEDED, AND MULCHED.

CHECKED	DESCRIPTION	DATE	No.

TOWN OF BRANDON, VERMONT
COBB HILL CULVERT REPLACEMENT

EROSION CONTROL DETAILS

DESIGNED JAB	PROJECT NO. 14043
DRAWN JEN	DRAWING 6
CHECKED WAE	
DATE MAY, 2015	

Elaine Smith

From: Daryl Burlett [dburlett@townofbrandon.com]
Sent: Monday, June 01, 2015 4:47 PM
To: 'Elaine Smith'
Subject: FW: Cobb Hill Culvert Project

From: Alex Arsenault [<mailto:aarsenault@aeengineers.com>]
Sent: Monday, June 01, 2015 3:36 PM
To: dburlett@townofbrandon.com
Cc: Jason Booth
Subject: Cobb Hill Culvert Project

Daryl,

I've been assigned to the Cobb Hill Culvert project and I'm currently in the process of filing the permit for the stream alteration. Jason Booth directed me to you to so I could get the few pieces of information to finish it. I just need:

- An email address for the town of Brandon
- Jason mentioned that the body of the culvert will be on land owned by the town while the abutters of the culvert have a different landowner. I just need the landowner's name, mailing address, phone, and email.

Thanks for your help,

Alex

Alex Arsenault Staff Engineer

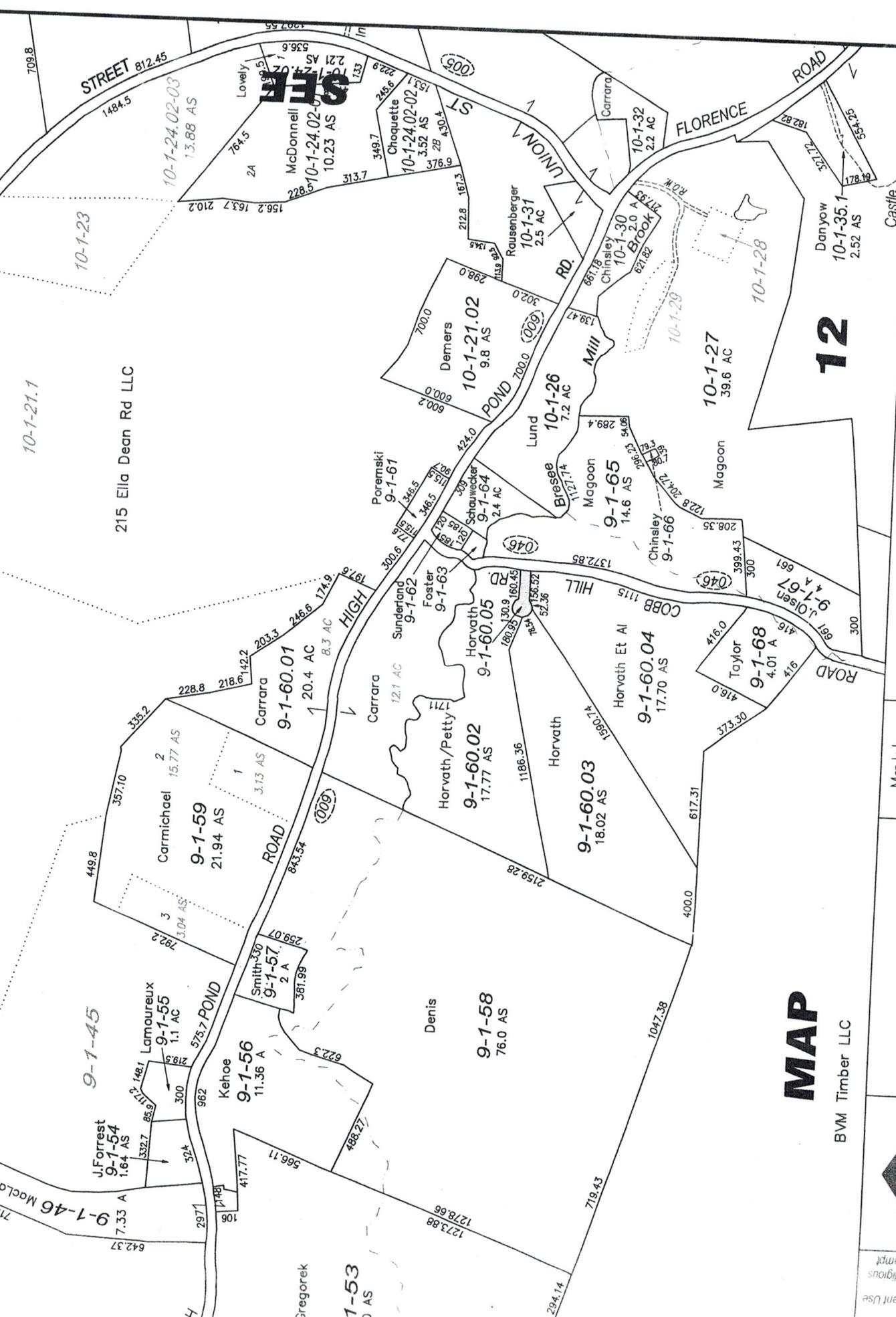
Aldrich + Elliott, PC
WATER RESOURCE ENGINEERS

P | 802.879.7733 x120

20+

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09-01-60.01	Matthew H. & Tracy M. Carrara 504 High Pond Road Brandon, VT 05733	247-6923	
09-01-60.02	Zoltan E. Horvath Debra A. Petty 107 Cobb Hill Road Brandon, VT 05733	247-3713 558-2072	horvath107@aol.com
09-01-65	Lorraine C. Magoon 27 Florence Road Brandon, VT 05733	247-5513	
09-01-63.0	Debra J. Foster 44 Cobb Hill Road Brandon, VT 05733		



10-1-21.1

215 Ella Dean Rd LLC

MAP

BVM Timber LLC

- Current Use
- Religious Exempt



SUBURBY	
6	7
10	13

Map Index

PROPERTY MAP OF
BRANDON
 VERMONT

Revised 3-28-15
 DEC. 2014

9

MAP