

GILLETT POND
 EXISTING NORMAL POOL = EL. 728.3
 HISTORIC NORMAL POOL = EL. 731.6
 PROJECT NORMAL POOL = EL. 730.8

APPROX. LIMITS EL. 730.8
 NORMAL POOL

APPROX. TEMPORARY
 COFFERDAM LOCATION

STAGING AREA CONVERTED TO 6
 SPACE, GRAVEL SURFACED
 LOT, SEE D-2

SPOT GRADE (TYP.) PARKING
 LOT TO BE GRADED TO
 PROMOTE STORMWATER FLOW
 TO NORTH TO LEVEL SPREADER

WOODS ROADS AND
 TRAIL NO LONGER
 IN USE FOLLOWING
 CONSTRUCTION

BARK MULCH (OR
 SEED & MULCH,
 ADD ALT)

BARK MULCH (OR
 SEED & MULCH,
 ADD ALT)

RESTORE DITCH TO MATCH
 SURROUNDING

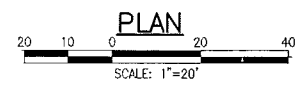
WES WHITE HILL ROAD

8" CIRCULAR CMP
 INV IN: EL. 724.36
 INV OUT: EL. 723.86

LEVEL SPREADER,
 SEE D-2

STONE LINED
 DRAINAGE DITCH,
 SEE D-2

250' OFFSET FROM PROPOSED
 NORMAL POOL, EL. 730.8



GILLETT POND DAM - PROPOSED CONDITIONS DATA

DAM TYPE: CONCRETE GRAVITY DAM
CREST ELEVATION/LENGTH: STA 0+00 TO 0+35 = DAM ON TILL, 35' AT EL. 736.3
 STA 0+35 TO 0+65 = DAM ON TILL, 30' AT EL. 734.8
 STA 0+65 TO 0+95 = DAM ON TILL, 30' AT EL. 732.1
 STA 0+95 TO 1+32.5 = DAM ON BEDROCK, 37.5' AT EL. 731.0
 STA 1+32.5 TO 1+57.5 = DAM ON BEDROCK, 25' V NOTCH, CENTER AT EL. 730.8
 STA 1+57.5 TO 1+95 = DAM ON BEDROCK, 37.5' AT EL. 731.0
 STA 1+95 TO 2+15 = DAM ON BEDROCK, 20' AT EL. 733.7
 STA 2+15 TO 2+37.5 = DAM ON BEDROCK, 22.5' AT EL. 736.3
STOPLOG CHANNEL: 3.5' WIDE X 5' HIGH (INVERT AT EL. 726)
OUTLET TYPE: 240" ±
OUTLET SIZE: 12' (MAX)
DAM LENGTH: EL. 730.8
DAM HEIGHT: 5.5'
NORMAL POOL ELEVATION: 5.5'
FREEBOARD AT NORMAL POOL: 1,100 CFS
PEAK SDF OUTFLOW: EL. 734.8
SDF PEAK WSE: 1.5'
DAM FREEBOARD DURING SDF: 1.4'
FREEBOARD AT WEST END OF WES WHITE HILL ROAD
STOPLOG OUTLET CAPACITY: APPROXIMATELY 1 FT. OF DRAWDOWN PER DAY UNDER NORMAL CONDITIONS

WORKING POINTS:		
STONE FILL		
W.P.	NORTHING	EASTING
A	677918.4879	1518773.0509
B	677914.1507	1518770.5632
C	677882.1626	1518796.7705
D	677871.7553	1518823.6520
E	677887.434	1518840.1852
PARKING LOT		
W.P.	NORTHING	EASTING
F	677752.5207	1519041.1047
G	677783.0315	1519052.1545
H	677765.7907	1519047.6969
I	677751.8983	1519106.0028
J	677769.4057	1519110.5588
K	677765.2365	1519128.0734
L	677789.5570	1519133.8627
M	677809.1112	1519051.7185
N	677766.9546	1518991.6851

*SEE STRUCTURAL DRAWINGS FOR WORKING POINTS FOR THE DAM.

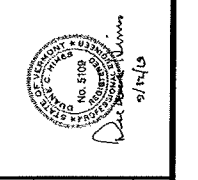
PROPOSED CONDITIONS NOTES:

- REFER TO STRUCTURAL SHEETS, SHEET C-4, AND SHEET D-1 FOR MORE INFORMATION ON THE DAM.
- REFER TO SHEET D-1 AND D-2 FOR MORE INFORMATION ON THE PROPOSED PARKING LOT.

**FOR PERMIT REVIEW ONLY
 SEPTEMBER 2019**

No.	Date	Dr. By	Chk. By	App. By	Description
		A	P	P	R
					O
					V
					E
					D

REGISTERED PROFESSIONAL ENGINEER
 DATE: SEPT 13, 2019



RICHMOND LAND TRUST
 TOWN OF RICHMOND, VERMONT
 GILLETT POND DAM REPLACEMENT PROJECT

PROPOSED CONDITIONS PLAN

JOB NO. 2150522
 CONTRACT: NOTED
 SCALE: 1"=20'

DR. BY: RWS
 DSKN BY: BTG
 CHK. BY: MPM
 APP. BY: DCH

CADD NO. 1
 FILE NO. C-3