1. EXISTING TOPOGRAPHY IS VT LiDAR DATA AND SUPPLEMENTED BY TOTAL STATION SURVEY CONDUCTED BY THIS OFFICE ON 10/18/18.

2. EXISTING STORMWATER INFRASTRUCTURE SHOWN IS FROM TOTAL STATION SURVEY CONDUCTED BY THIS OFFICE ON 10/18/18. THE PRESENCE OF UNDERGROUND UTILITIES WAS NOT FIELD LOCATED AND WOULD NEED TO BE VERIFIED PRIOR TO ANY DISTURBANCE OR CONSTRUCTION.
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LEGEND

EXISTING SURFACE DRAINAGE COARSE
EXISTING CONTOUR
EXISTING CULVERT
PROPOSED SURFACE DRAINAGE COARSE
EXISTING EDGE OF GRAVEL
EXISTING EDGE OF PAVEMENT
EXISTING CULVERT
EXISTING EDGE OF GRAVEL
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NOTES

LEGEND

EXISTING CONTINUOUS ELEVATION SLOPE CONTINUOUS EXISTING CULVERT PROPOSED CULVERT EDGE OF ROAD/PROP EDGE OF ROAD/PROP PROPOSED SURFACE DRAINAGE COURSE PROPOSED SURFACE DRAINAGE COURSE

SHEET: SCALE: DATE: APPROVED BY: CHECKED BY: DRAWN BY:

HUBBARD PARK STORMWATER IMPROVEMENT PLAN MONTPELIER, VERMONT

UPPER PARKWAY AVENUE SITE

NOTES

1 inch = 1 ft.

( IN FEET )

0 20 20 40

20 80 10

NOTE: LARGE DITCH WITH NO COVER BETWEEN BLANKET & DRAINAGE PIPED ROAD WAY: REMOVE

EXISTING 12" CMP IN: 723.68 OUT: 721.96

EXISTING 15" HDPE IN: 731.78 OUT: 727.62

R=12'

PROPOSED SEDIMENT BASIN W/ 2:1 SIDE SLOPES 850 CF @ 2.0' DEPTH

NARROW ROAD TO 12' WITH 2' SHOULDERS

RISER RIM: 733.25'

NEW 18" HDPE IN: 734.0' OUT: 732.0'

NEW 15" HDPE IN: 734.0' OUT: 732.0'

REGRADE ROAD TO SUPER ELEVATE AND DIRECT RUNOFF TO UPHILL EDGE

PROVIDE 2' SHOULDERS EACH SIDE OF ROAD

OUTLET HEADER SEE VT BETTER ROADS MANUAL (P. 24)

GRASS LINED DITCH WITH NA GREEN SC150BN BLANKET SEE VT BETTER ROADS MANUAL (P. 12)

GRASS LINED DITCH ABOVE THIS POINT WITH NA GREEN SC150BN BLANKET SEE VT BETTER ROADS MANUAL (P. 12)

STONE LINED DITCH BELOW THIS POINT SEE VT BETTER ROADS MANUAL (P. 13)
NOTE:
A 3/4" ROUND GALV PIPE MOUNTING KIT IS PROVIDED BY PLASTIC SOLUTIONS, INC.

27 1/2" TYP.

HDPE STRUCTURAL PLASTIC

TRASH RACK ASSEMBLY

TOP VIEW

ROUND SERIES TRASH RACK

PLASTIC SOLUTIONS INC. TRASH RACK

TOP OF RISER

12", 15", OR 18" CMP OR PLASTIC PIPE

ELEV. A—A

NOTE: **MOUNTING KIT INCLUDED**

PART NO
RSP-24

24" ROUND SERIES TRASH RACK
WITH METAL OR PLASTIC RISER

PLASTIC SOLUTIONS INC.

240 McKeen Road
P.O. Box 4386
Winchester, VA 22604
540-722-4694
www.plastic-solution.com