GPS/NGS CONTROL POINTS

SPRINGFIELD VT CORS ARP

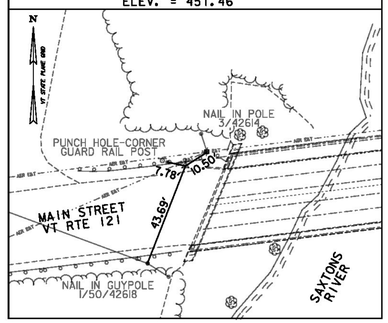
PID DJ8961
N = 284807.69
E = 1646390.48
ELLIP HEIGHT = 513.30

STATION IS A GPS CONTINOUSLY OPERATING REFERENCE STATION. STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA. LOCATED AT THE SPRINGFIELD, VERMONT HIGH SCHOOL, THE MONUMENT IS ATTACHED TO A TWO STORY CONCRETE & BRICK BUILDING WITH AN 8 FT CONCRETE FOUNDATION BUILT IN 1967. THE MAST IS A 1.75 INCH DIA. GALV PIPE THAT IS 108 INCHES LONG. THE MAST IS ATTACHED TO A STEEL MOUNTING FRAME WITH THREE ATTACHMENTS CONSISTING OF 3/8 INCH SS THROUGH BOLTS. THE MOUNTING FRAME IS ATTACHED TO THE BUILDING USING 8 ATTACHMENT POINTS. THE TOP 2 AND THIRD 2 ARE 1/2 INCH SS BOLTS SECURED TO THE BRICK OR CONC WITH LEAD ANCHORS. THE SECOND 2 AND BOTTOM 2 ATTACHMENTS ARE THROUGH BOLTED AND CONSIST OF 1/2 INCH SS THREADED ROD AND NUTS.

TRAVERSE TIES

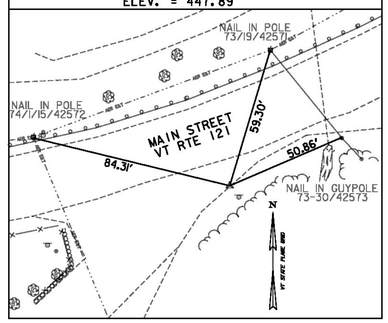
HVCTRL #2
5/8"REBAR SET 0.1' BG W/ CENTER PUNCH MARK

NORTH = 233073.66
EAST = 1639680.82
ELEV. = 451.46



HVCTRL #3
5/8"REBAR SET 0.1' BG W/ CENTER PUNCH MARK

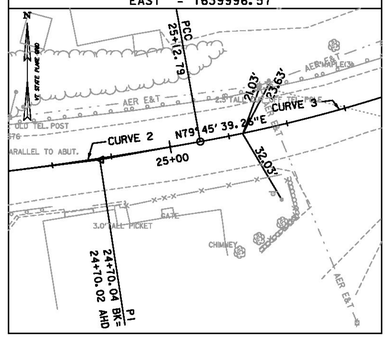
NORTH = 233098.21
EAST = 1640085.63
ELEV. = 447.89



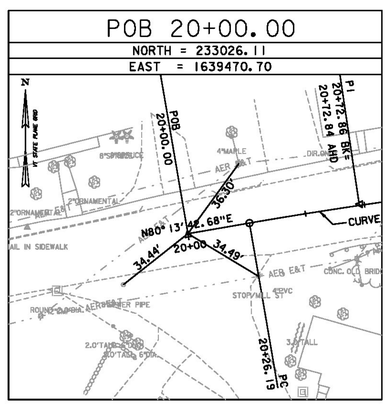
* MAIN TRAVERSE COMPLETED: DECEMBER 1, 2011 BY VSE, M. HUDSON-PC, M. YEFCHAK

ALIGNMENT TIES

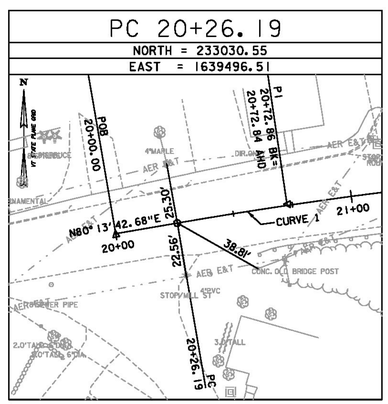
POE 25+30.90
NORTH = 233098.37
EAST = 1639996.57



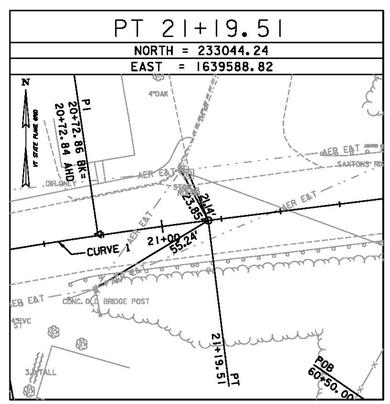
POB 20+00.00
NORTH = 233026.11
EAST = 1639470.70



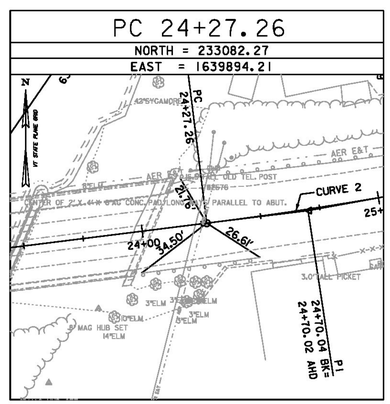
PC 20+26.19
NORTH = 233030.55
EAST = 1639496.51



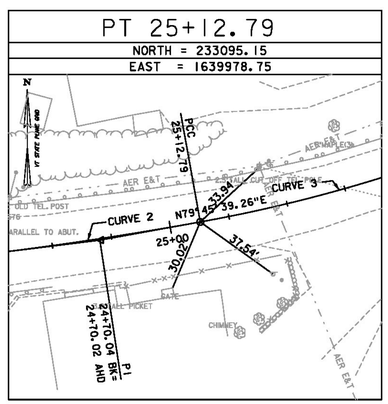
PT 21+19.51
NORTH = 233044.24
EAST = 1639588.82



PC 24+27.26
NORTH = 233082.27
EAST = 1639894.21



PT 25+12.79
NORTH = 233095.15
EAST = 1639978.75



DATUM
VERTICAL NAVD 88(GEOID09) FT
HORIZONTAL NAD 83(CORS) sFT
ADJUSTMENT LSQ

VERMONT SURVEY AND ENGINEERING

PROJECT NAME: ROCKINGHAM
PROJECT NUMBER: BRF 0126(12)

FILE NAME: z101072bdr_t1.dgn
PROJECT LEADER: R. HEBERT
DESIGNED BY: D. BURHANS
TIE SHEET

PLOT DATE: 8/26/2014
DRAWN BY: D. BURHANS
CHECKED BY: R. HEBERT
SHEET 11 OF 69