GPS/NGS CONTROL POINTS

CLEVELAND AZ MK

PID AE3602
N = 478386.12
E = 1603593.68
ORTHO HEIGHT = 553.12

GENERAL LOCATION, BETHEL, VT. 1.1 MILES (1.8 KM) SOUTHWEST OF BETHEL VILLAGE. OWNERSHIP STATE OF VERMONT. TO REACH FROM THE JUNCTION OF VT ROUTE 107 AND VT ROUTE 12, SOUTH OF BETHEL, PROCEED EASTERLY ALONG VT 107 AND VT 12 FOR APPROX 0.6 M (2.0 FT) TO THE MARK ON THE LEFT. STATION MARK IS A STATE OF VERMONT SURVEY MARK SET IN THE TOP OF A 12 INCH DIAMETER CONCRETE POST SET FLUSH WITH GROUND. IT IS 26 FT (7.9M) NORTHWEST OF THE CENTERLINE OF THE ROAD, 88.5 FT (27.0 M) SOUTHWEST OF COMBINATION POLE 49/4/41, 143 FT (43.6 M) WEST OF 18 INCH CGMP WITH 7FT MARBLE HEADWALL.

CLEVELAND

PID AE3603
N = 477610.12
E = 1601930.81
ORTHO HEIGHT = 579.66

GENERAL LOCATION BETHEL, 1.4 MILES (2.3 KM) SW OF BETHEL VILLAGE. TO REACH FROM THE JUNCTION OF VT 107 AND VT 12 SOUTH OF BETHEL, PROCEED EASTERLY ALONG VT 107 AND VT 12 FOR APPROX 0.3 M (1.0 FT) TO THE MARK ON THE LEFT. THE MARK IS DIRECTLY OPPOSITE CLEVELAND BROOK ROAD, 25.5 FT (7.8 M) NORTH FROM THE CENTERLINE OF VT 107 AND VT 12. OWNERSHIP STATE OF VERMONT. STATION MARK IS A STATE OF VERMONT SURVEY MARK SET IN THE TOP OF A 12 INCH DIAMETER CONCRETE POST SET FLUSH WITH GROUND. IT IS 25.5 FT (7.8 M) NORTH OF CENTERLINE VT 107 AND VT 12, 4.5 FT (1.4 M) NORTH OF 3 CABLE GUARD RAIL, 45 FT (13.7 M) SOUTHEAST FROM COMBINATION POLE 4/49/57, 15 FT (4.6 M) SOUTH OF THE NORTH END OF A 4 FT (1.2 M) X 5 FT (1.5 M) CONCRETE BOX, 72 FT (21.9 M) NORTH OF THE SOUTH END OF A 4 FT (1.2 M) X 5 FT (1.5 M) CONCRETE BOX.

GODDARD AZ MK

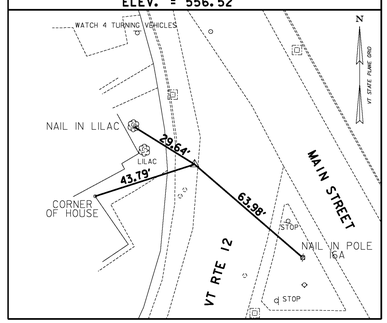
PID VT0415
N = 460921.60
E = 1583216.83
ORTHO HEIGHT = 740.46

GENERAL LOCATION BETHEL, 1.4 MILES (2.3 KM) SW OF BETHEL VILLAGE. TO REACH FROM THE JUNCTION OF VT 107 AND VT 12 SOUTH OF BETHEL, PROCEED EASTERLY ALONG VT 107 AND VT 12 FOR APPROX 0.3 M (1.0 FT) TO THE MARK ON THE LEFT. THE MARK IS DIRECTLY OPPOSITE CLEVELAND BROOK ROAD, 25.5 FT (7.8 M) NORTH FROM THE CENTERLINE OF VT 107 AND VT 12. OWNERSHIP STATE OF VERMONT. STATION MARK IS A STATE OF VERMONT SURVEY MARK SET IN THE TOP OF A 12 INCH DIAMETER CONCRETE POST SET FLUSH WITH GROUND. IT IS 25.5 FT (7.8 M) NORTH OF CENTERLINE VT 107 AND VT 12, 4.5 FT (1.4 M) NORTH OF 3 CABLE GUARD RAIL, 45 FT (13.7 M) SOUTHEAST FROM COMBINATION POLE 4/49/57, 15 FT (4.6 M) SOUTH OF THE NORTH END OF A 4 FT (1.2 M) X 5 FT (1.5 M) CONCRETE BOX, 72 FT (21.9 M) NORTH OF THE SOUTH END OF A 4 FT (1.2 M) X 5 FT (1.5 M) CONCRETE BOX.

TRAVERSE TIES

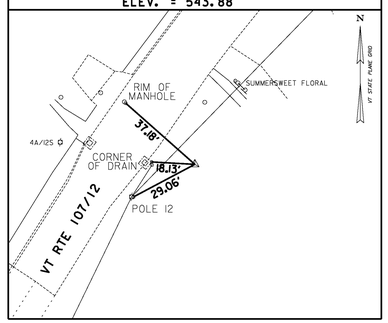
HVCTRL #2 5/8"REBAR SET FLUSH

NORTH = 484196.77
EAST = 1605888.46
ELEV. = 556.52



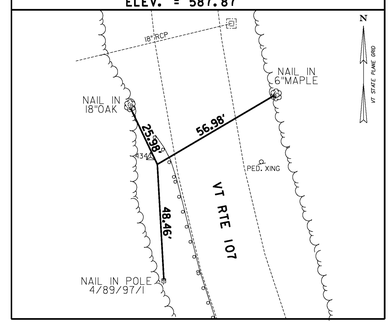
HVCTRL #3 BRASS DISK IN CONCRETE

NORTH = 483904.70
EAST = 1605739.25
ELEV. = 543.88



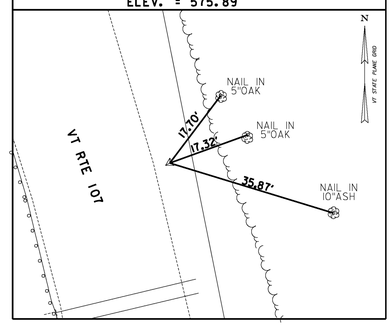
HVCTRL #39 5/8"REBAR SET FLUSH

NORTH = 475035.93
EAST = 1596798.51
ELEV. = 587.87



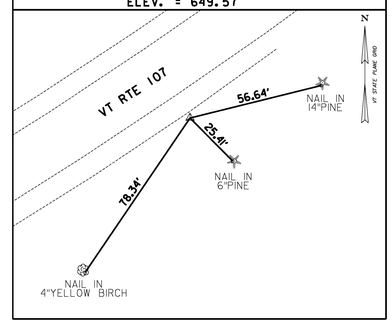
HVCTRL #40 5/8"REBAR SET FLUSH

NORTH = 473803.96
EAST = 1597364.34
ELEV. = 575.89



HVCTRL #53 5/8"REBAR SET FLUSH

NORTH = 467361.21
EAST = 1589633.72
ELEV. = 649.57



• MAIN TRAVERSE COMPLETED: FEBRUARY 2011 BY M.HUDSON, T.COMSTOCK

ALIGNMENT TIES

NORTH =	NORTH =	NORTH =	NORTH =	NORTH =
EAST =	EAST =	EAST =	EAST =	EAST =

DATUM
VERTICAL NAVD 88(GEOID03) FT
HORIZONTAL NAD 83(2007) sFT
ADJUSTMENT LSQ

VERMONT SURVEY AND ENGINEERING

TIE SHEET #1

PROJECT NAME: STOCKBRIDGE-BETHEL
PROJECT NUMBER: STP 2910(1)

FILE NAME: z10b214_b1t_01.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: L.M.B.
IPARM FILE: z10b214b1t01.i

PLOT DATE: 3/17/2014
DRAWN BY: W.G.P.
CHECKED BY: J.P.S.
SHEET 4 OF 397

FILE NAME = V:\Projects\VANTAGE2\22426\CADD_MSTN\z10b214_b1t_01.dgn
DATE/TIME = 3/17/2014
USER = 4916