# OPERATIONS ENGINEERING DESIGN

## Blueberry Path, Acton

Install approx. 1200' of 4" PL main from existing 4" PL HP main in Carlisle Rd at Marshall Path intersection to Canterbury Hill Rd intersection.
Extend exisitng 2" PL HP main at Blueberry Path with aprox. 1200' of 2" PL main to proposed 2" PL main in Canterbury Hill Rd.

N

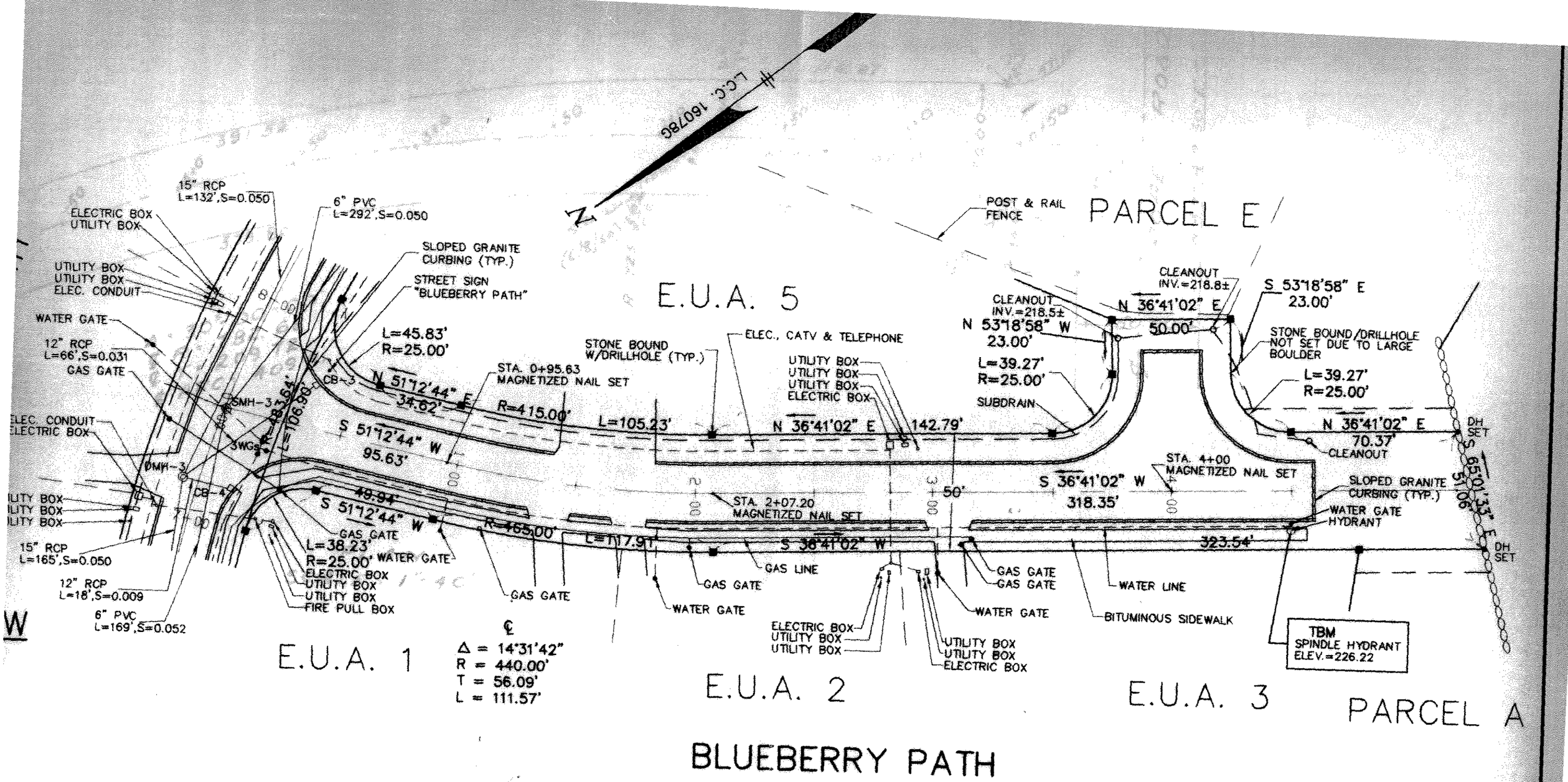
160 80 0 160 Feet

*NOTE: The location of surface and underground objects shown are not warranted to be correct.*

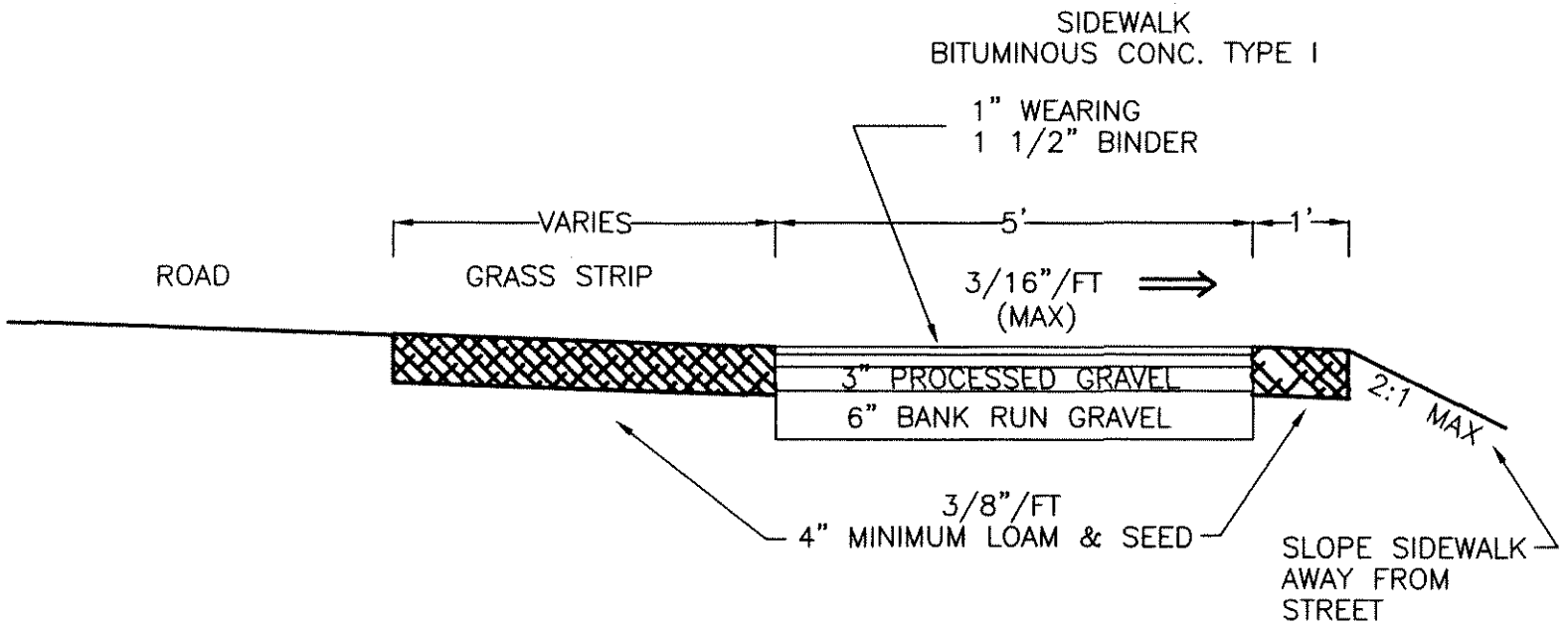
| | | | |
|---|---|---|---|
| ENGINEER | FMB | SIZE | 4 & 2 |
| DATE | 05/26/2005 | MATERIAL | PL |
| LENGTH | 2400' | PRESSURE | 60 PSIG |
| SECTIONALS | | WORK ORDER # | 409216 |

**AMMS**

KEYSPAN



L.C.C. 16078G
N
PARCEL E
POST & RAIL FENCE
E.U.A. 5
15" RCP L=132',S=0.050
6" PVC L=292',S=0.050
ELECTRIC BOX
UTILITY BOX
UTILITY BOX
UTILITY BOX
ELEC. CONDUIT
WATER GATE
12" RCP L=66',S=0.031
GAS GATE
ELEC. CONDUIT
ELECTRIC BOX
SLOPED GRANITE CURBING (TYP.)
STREET SIGN "BLUEBERRY PATH"
L=45.83'
R=25.00'
N 51°12'44" E
34.62'
R=415.00'
L=105.23'
STA. 0+95.63 MAGNETIZED NAIL SET
STONE BOUND W/DRILLHOLE (TYP.)
ELEC., CATV & TELEPHONE
UTILITY BOX
UTILITY BOX
UTILITY BOX
ELECTRIC BOX
N 36°41'02" E
142.79'
CLEANOUT INV.=218.5±
N 53°18'58" W
23.00'
L=39.27'
R=25.00'
SUBDRAIN
CLEANOUT INV.=218.8±
N 36°41'02" E
50.00'
S 53°18'58" E
23.00'
STONE BOUND/DRILLHOLE NOT SET DUE TO LARGE BOULDER
L=39.27'
R=25.00'
N 36°41'02" E
70.37'
CLEANOUT
DH SET
S 65°01'33" E
51.06'
S 51°12'44" W
95.63'
R=483.64'
L=106.90'
SMH-3
3WGs
DMH-3
CB-3
CB-4
49.94'
S 51°12'44" W
R=465.00'
L=117.91'
STA. 2+07.20 MAGNETIZED NAIL SET
50'
S 36°41'02" W
318.35'
STA. 4+00 MAGNETIZED NAIL SET
SLOPED GRANITE CURBING (TYP.)
WATER GATE
HYDRANT
S 36°41'02" W
323.54'
DH SET
15" RCP L=165',S=0.050
12" RCP L=18',S=0.009
6" PVC L=169',S=0.052
GAS GATE
L=38.23'
R=25.00'
WATER GATE
ELECTRIC BOX
UTILITY BOX
UTILITY BOX
FIRE PULL BOX
GAS GATE
GAS LINE
GAS GATE
WATER GATE
GAS GATE
GAS GATE
WATER GATE
WATER LINE
BITUMINOUS SIDEWALK
ELECTRIC BOX
UTILITY BOX
UTILITY BOX
UTILITY BOX
UTILITY BOX
ELECTRIC BOX
TBM SPINDLE HYDRANT ELEV.=226.22
W
E.U.A. 1
℄
Δ = 14°31'42"
R = 440.00'
T = 56.09'
L = 111.57'
E.U.A. 2
E.U.A. 3
PARCEL A
BLUEBERRY PATH




**TYPICAL SECTION WITH A GRASS STRIP**