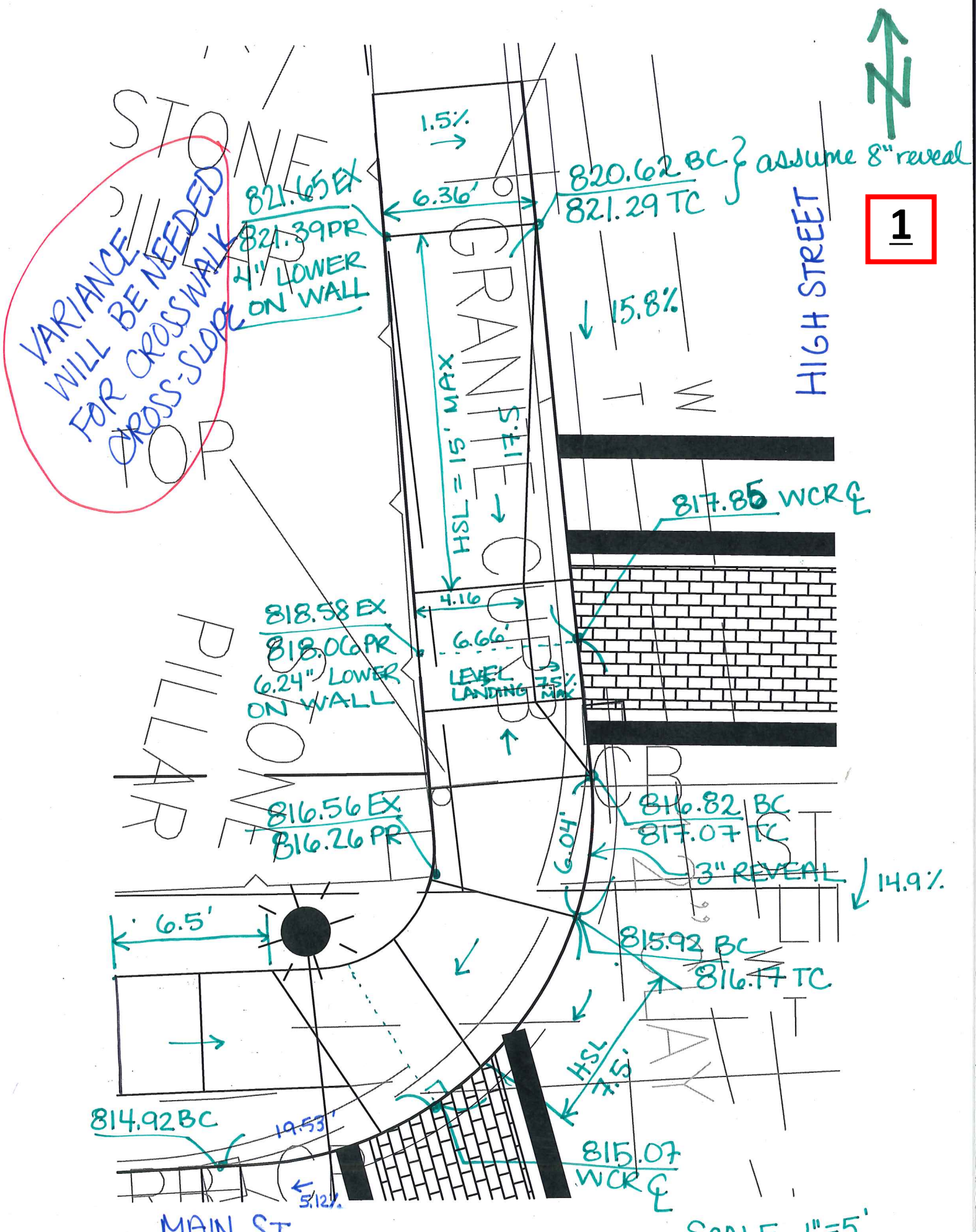
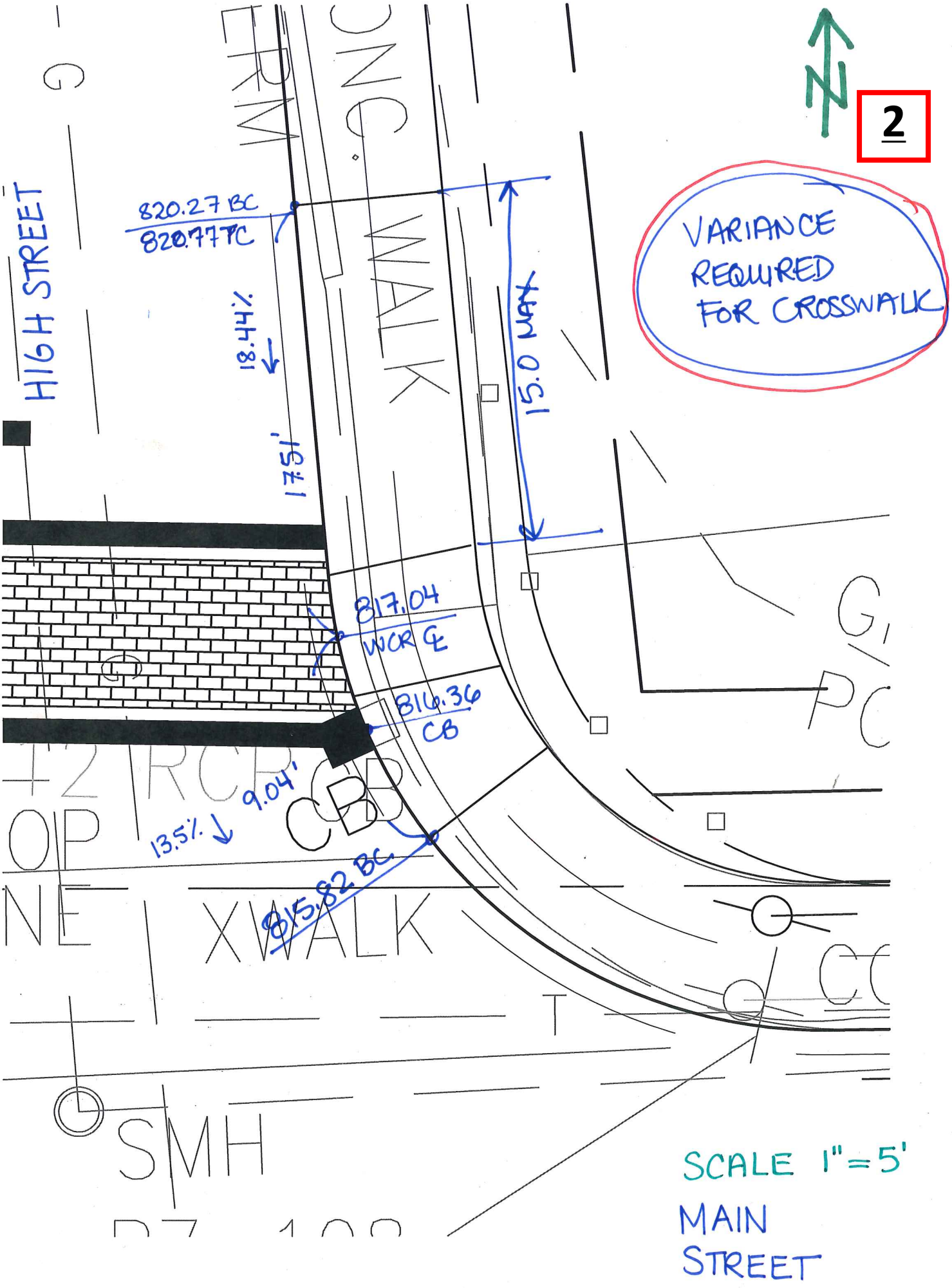
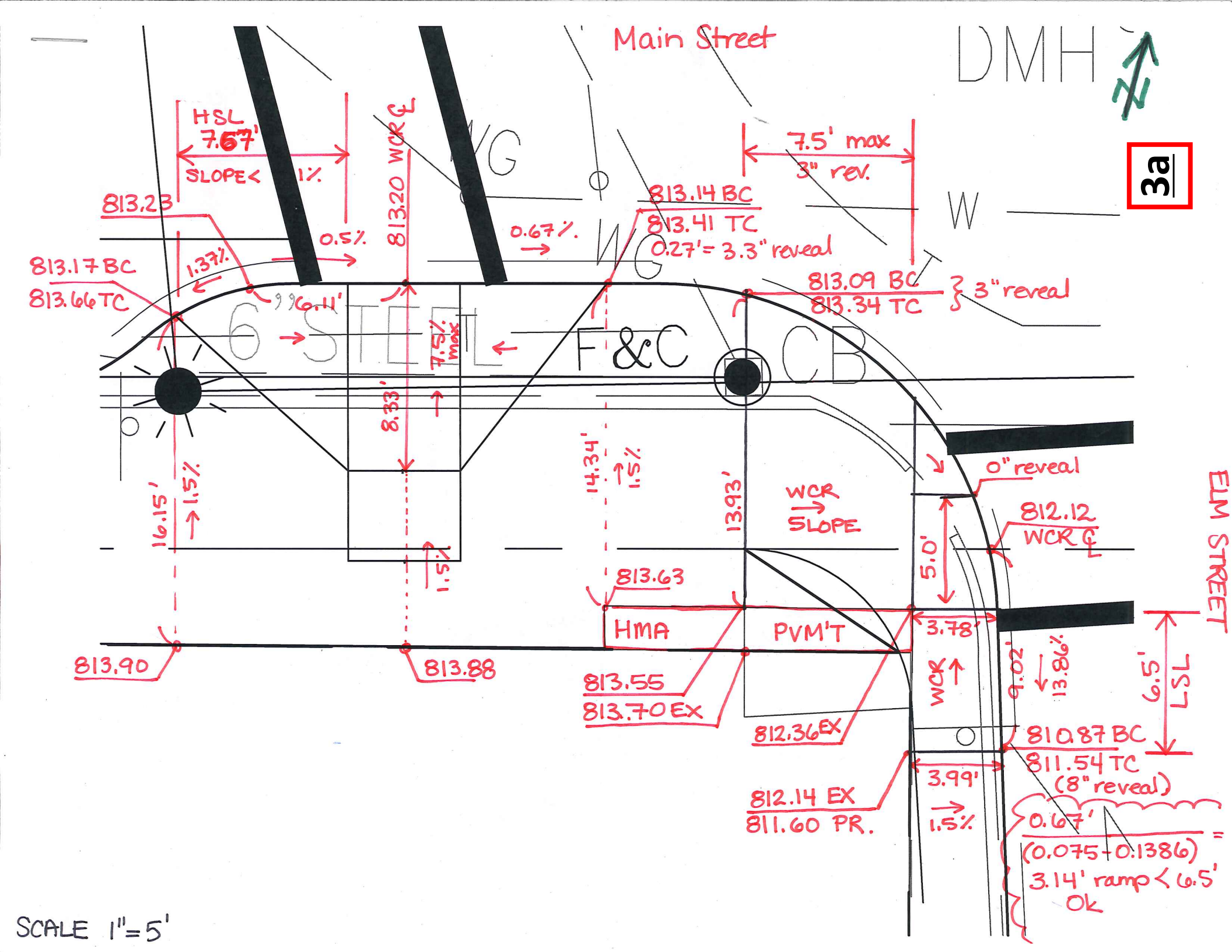
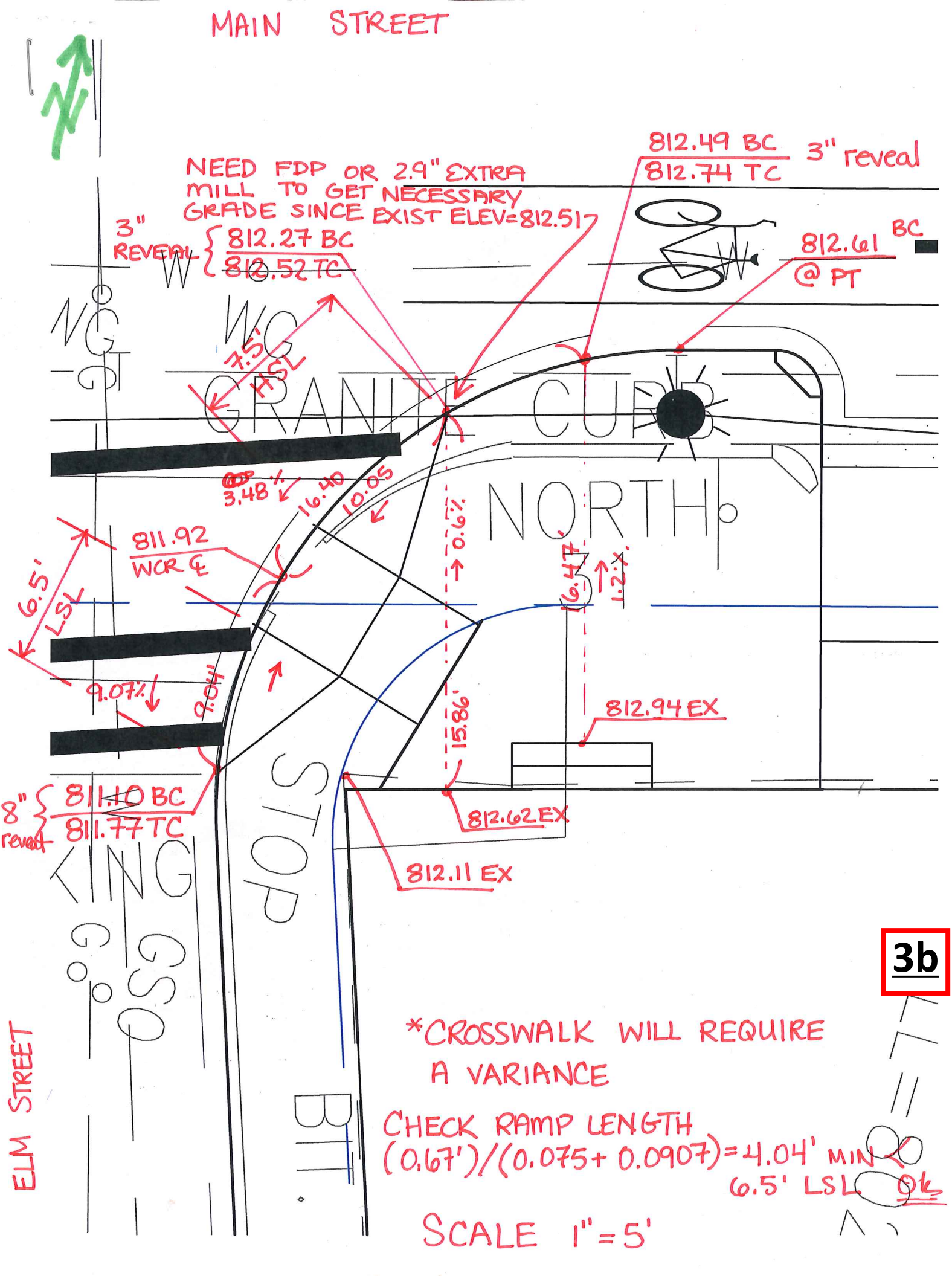
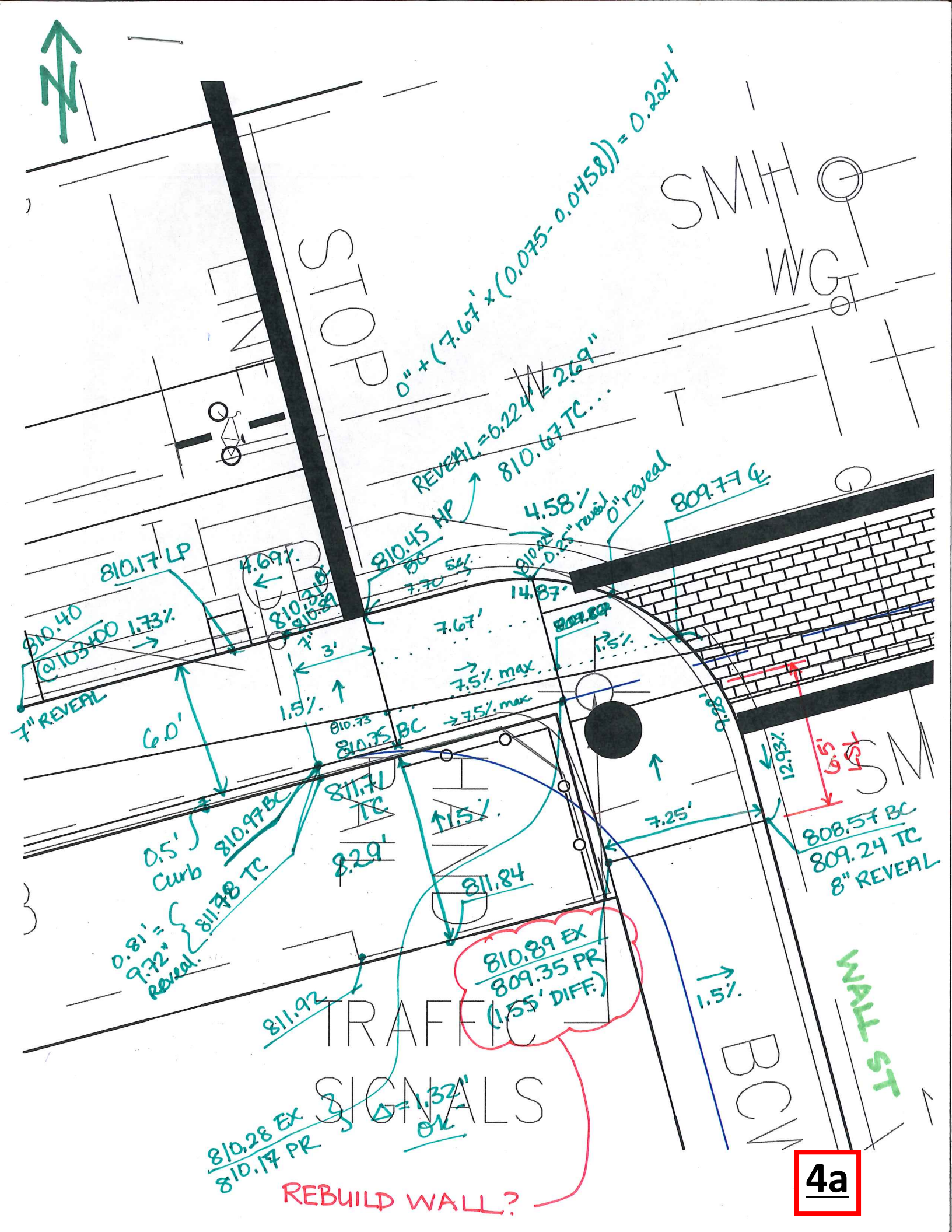
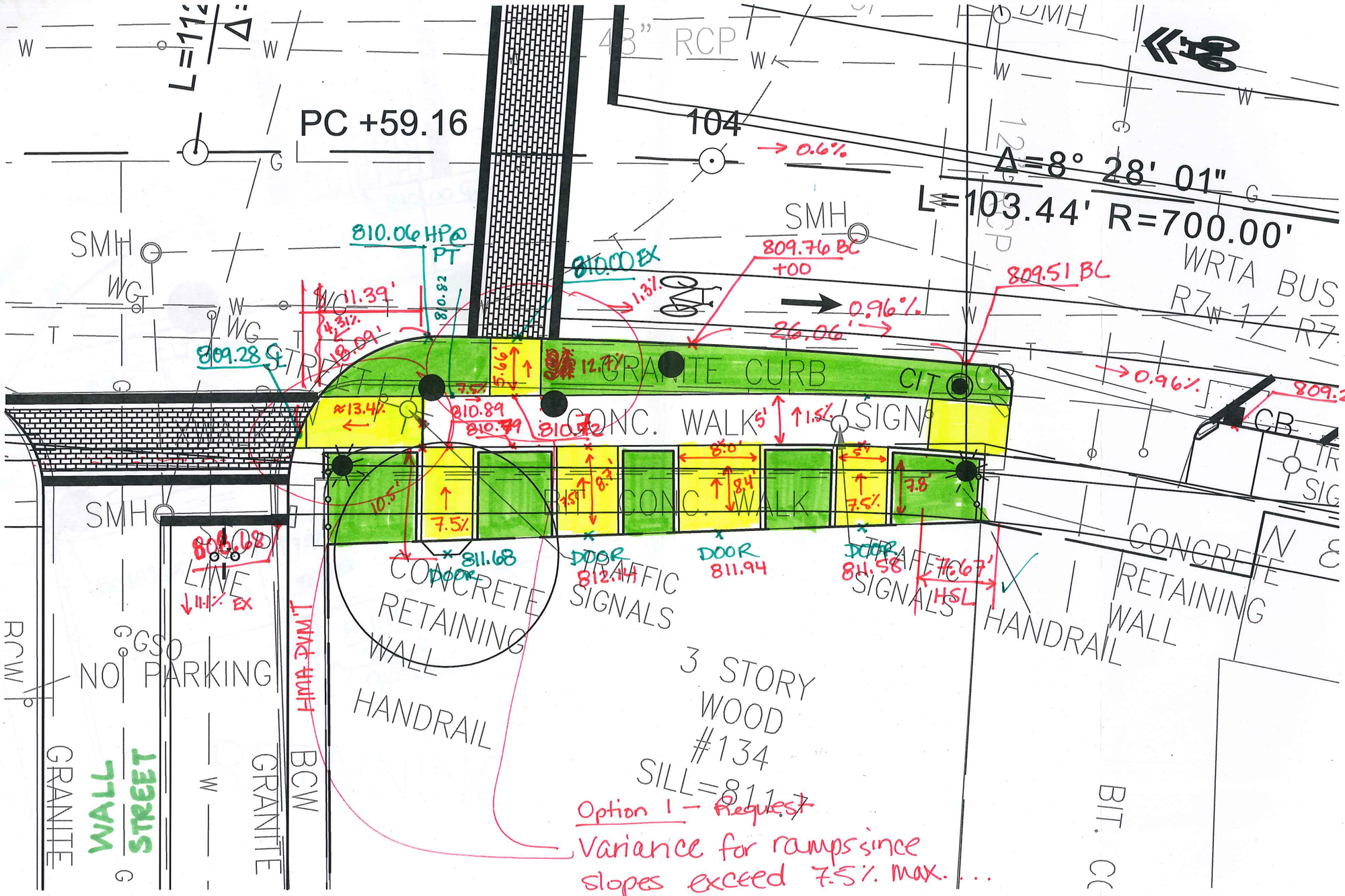

N
1
VARIANCE WILL BE NEEDED FOR CROSSWALK CROSS-SLOPE
821.65 EX
821.39 PR
4" LOWER ON WALL
6.36'
820.62 BC
821.29 TC
assume 8" reveal
1.5%
15.8%
HIGH STREET
GRANITE CURB
HSL = 15' MAX
817.85 WCR ℄
818.58 EX
818.06 PR
6.24" LOWER ON WALL
4.16
6.66'
LEVEL LANDING
7.5% MAX
816.56 EX
816.26 PR
816.82 BC
817.07 TC
6.04'
3" REVEAL
14.9%
6.5'
815.92 BC
816.17 TC
HSL 7.5'
814.92 BC
19.53'
815.07 WCR ℄
5.12%
MAIN ST.
SCALE 1"=5'


2
VARIANCE REQUIRED FOR CROSSWALK
HIGH STREET
820.27 BC
820.77 TC
18.44%
17.51'
15.0 MAX
817.04
WCR ℄
816.36
CB
9.04'
13.5%
815.82 BC
SMH
SCALE 1"=5'
MAIN STREET

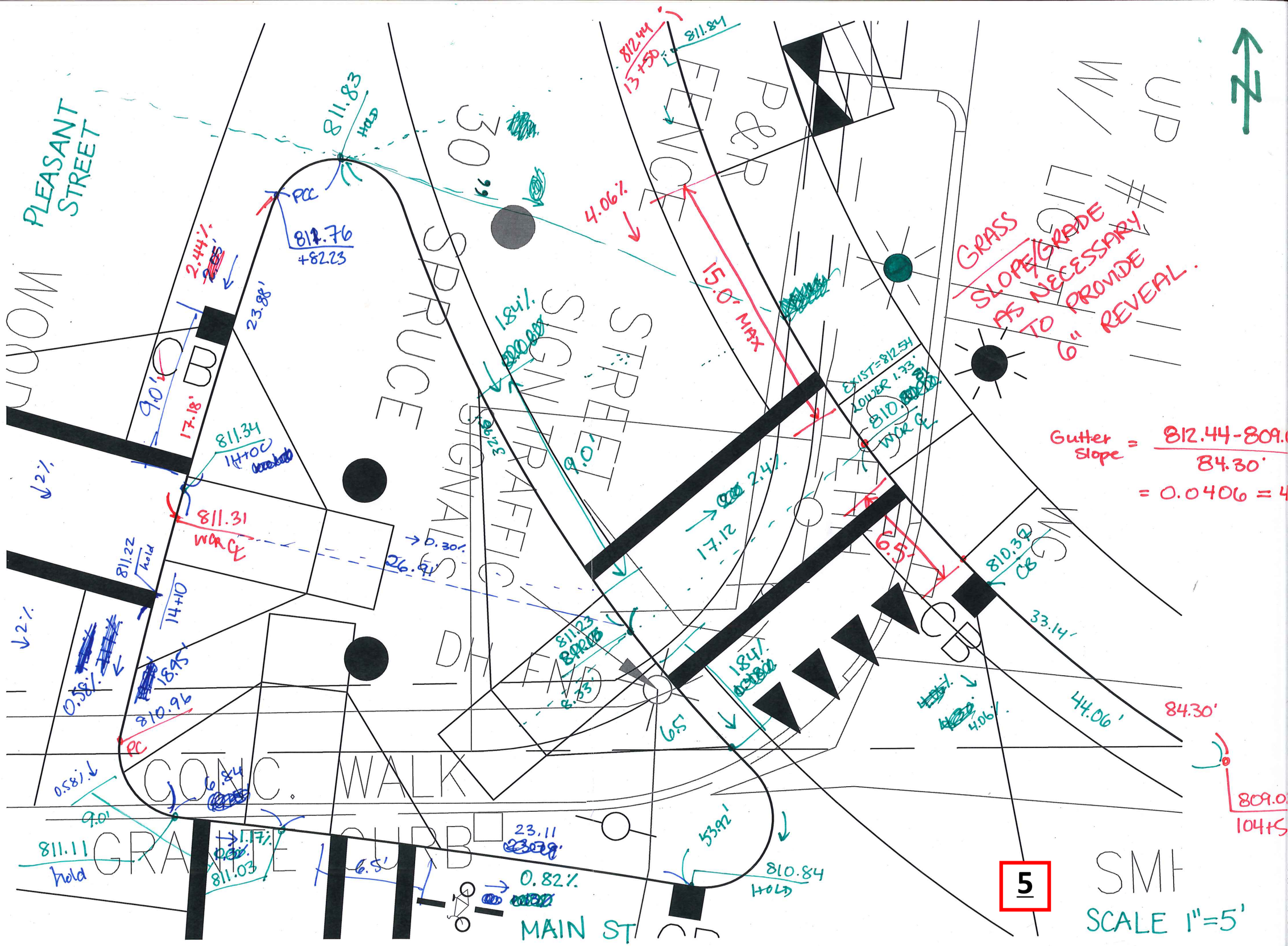

Main Street
DMH
3a
HSL
7.67'
SLOPE< 1%
813.23
0.5%
813.20 WCR ℄
1.37%
813.17 BC
813.66 TC
6" STEEL
6.11'
7.5% max
8.33'
16.15'
1.5%
1.5%
0.67%
813.14 BC
813.41 TC
0.27' = 3.3" reveal
7.5' max
3" rev.
813.09 BC
813.34 TC
3" reveal
F&C
CB
14.34'
1.5%
13.93'
WCR
SLOPE
0" reveal
812.12
WCR ℄
5.0'
813.63
HMA
PVM'T
3.78'
813.90
813.88
813.55
813.70 EX
812.36 EX
WCR
9.02'
13.86%
9.5'
TST
ELM STREET
810.87 BC
811.54 TC
(8" reveal)
812.14 EX
811.60 PR.
3.99'
1.5%
0.67'
(0.075+0.1386)
=
3.14' ramp < 6.5'
Ok
SCALE 1"=5'

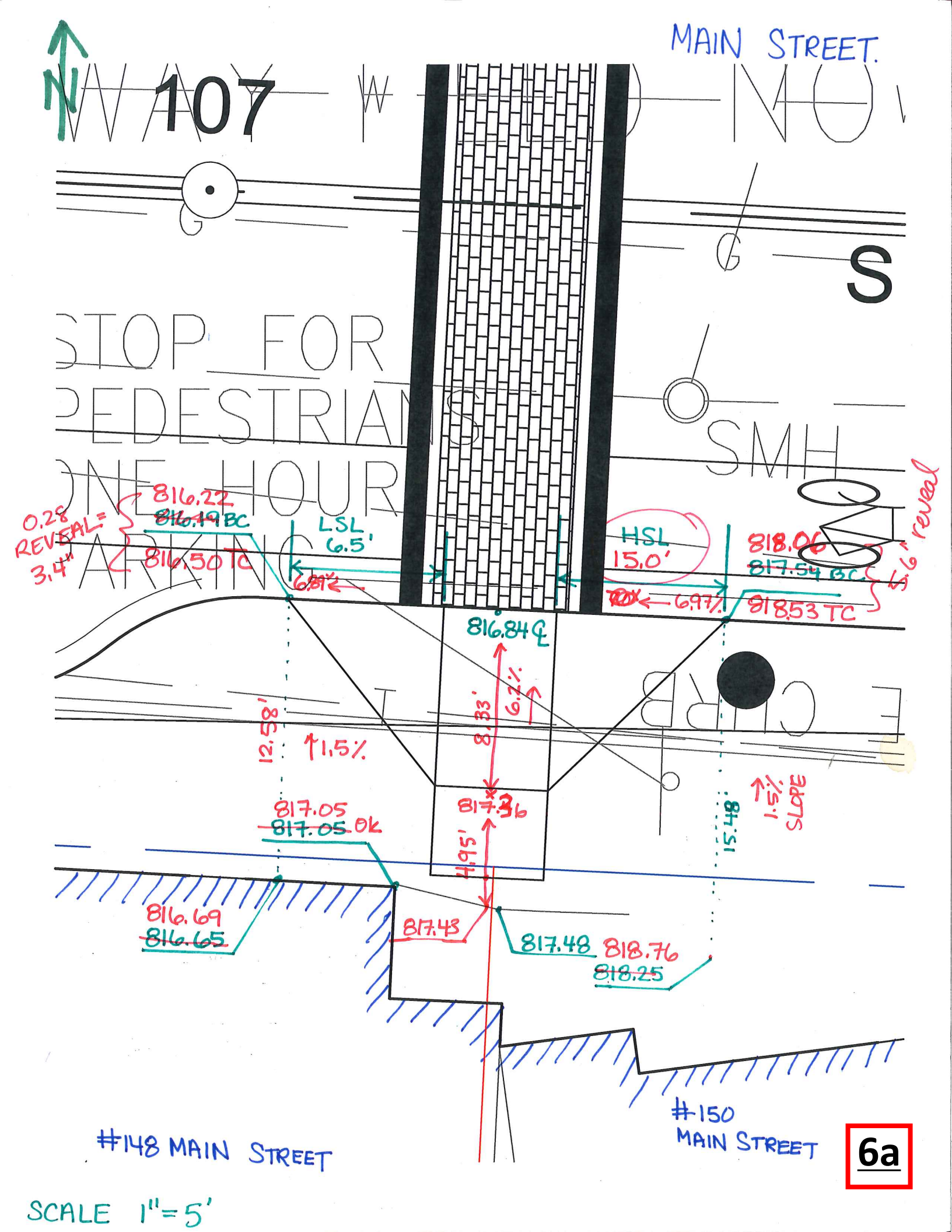

MAIN STREET
NEED FDP OR 2.9" EXTRA MILL TO GET NECESSARY GRADE SINCE EXIST ELEV=812.51
812.49 BC
812.74 TC
3" reveal
3" REVEAL
812.27 BC
812.52 TC
812.61 BC
@ PT
7.5' HSL
GRANITE CURB
NORTH
3.48%
16.40
10.05
0.6%
16.47
1.2%
811.92
WCR ℄
6.5' LSL
9.07%
9.04'
15.86'
812.94 EX
8" reveal
811.10 BC
811.77 TC
812.62 EX
812.11 EX
STOP
ELM STREET
3b
*CROSSWALK WILL REQUIRE A VARIANCE
CHECK RAMP LENGTH
(0.67')/(0.075+0.0907)=4.04' MIN
6.5' LSL OK
SCALE 1"=5'


N
STOP
SMITH
WG
0" + (7.67' x (0.075-0.0458)) = 0.224'
REVEAL = 6.224" ≈ 2.69"
810.67 TC...
810.45 HP
4.58%
0" reveal
809.77 ℄
810.17 LP
4.69%
810.40
@103+00
1.73%
7" REVEAL
6.0'
7.67'
14.87'
7.5% max
1.5%
0.5'
Curb
810.97 BC
811.78 TC
0.81' = 9.72" Reveal
811.71 TC
8.29'
811.84
811.92
7.25'
12.93%
9.5'
808.57 BC
809.24 TC
8" REVEAL
810.89 EX
809.35 PR
(1.55' DIFF.)
WALL ST
TRAFFIC
SIGNALS
810.28 EX
810.17 PR
Δ = 1.32'
OK
REBUILD WALL?
4a

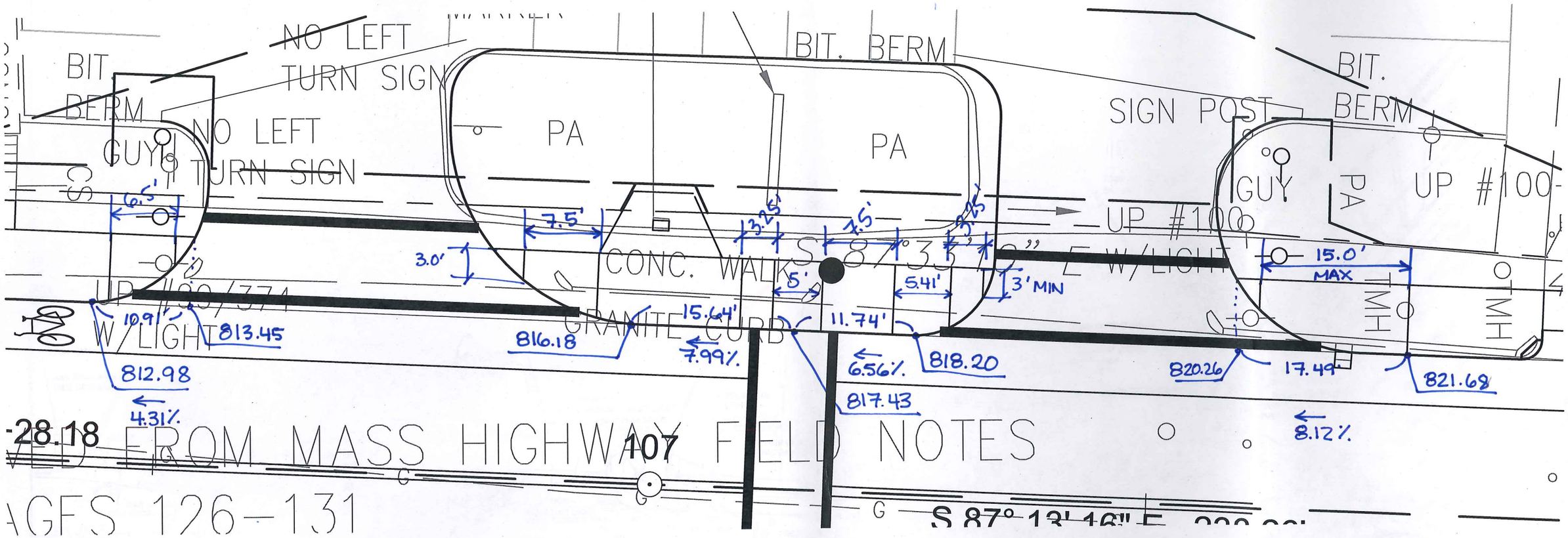

PC +59.16
104
Δ=8° 28' 01"
L=103.44' R=700.00'
48" RCP
SMH
WRTA BUS
R7
GRANITE CURB
CONC. WALK
SIGN
CONC. WALK
CONCRETE RETAINING WALL
HANDRAIL
TRAFFIC SIGNALS
3 STORY WOOD #134
SILL=811.7
NO PARKING
GRANITE
WALL STREET
BCW
BIT. CO
CB
CIT
810.06 HP@ PT
810.00 EX
809.76 BC +00
809.51 BC
809.28 SL
809.25
0.6%
0.96%
26.06'
11.39'
4.31%
18.09'
810.82
1.3%
12.7%
5.66'
7.5%
≈13.4%
810.89
810.79
810.72
5'
1.5%
8.0'
8.4'
7.8'
10.5'
7.5%
8.7'
811.68
DOOR
812.14
DOOR
811.94
DOOR
811.58
7.67'
HSL
808.68
11.1% EX
HMA PVMT
Option 1 - Request
Variance for ramps since slopes exceed 7.5% max. ...
Option 2.- add leveling course to make main street cross-slope 2%
but makes wall st. go from 11.1% to 16.8% ← too steep...

4b


PLEASANT STREET
WOOD
SPRUCE
SIGNAL
STREET
CONC. WALK
GRANITE CURB
MAIN ST
P&P
FENCE
UP
W/ LIGHT
GRASS SLOPE/GRADE AS NECESSARY TO PROVIDE 6" REVEAL.
Gutter Slope = 812.44-809.0 / 84.30'
= 0.0406 = 4
811.83 HOLD
PCC
811.76 +82.23
811.34 14+00
811.31 WCR CL
811.22 hold
14+10
810.96 PC
811.11 hold
811.03
811.23
811.84
812.44 13+50
4.06%
15.0' MAX
EXIST=812.54 LOWER 1.73'
810.37 CB
810.84 HOLD
33.14'
44.06'
84.30'
809.0
104+5
23.11
53.92'
0.82%
6.5'
17.12
2.4%
1.84%
9.0'
17.18'
23.88'
2.44%
0.58%
18.95'
26.91'
0.30%
6.84
1.17%
8.33'
6.5
4.06%
5
SCALE 1"=5'


MAIN STREET.
N
107
STOP FOR
PEDESTRIANS
ONE HOUR
PARKING
S
SMH
0.28
REVEAL=
3.4"
816.22
816.19 BC
816.50 TC
LSL
6.5'
6.8%
HSL
15.0'
818.06
817.54 BC
6" reveal
6.9%
818.53 TC
816.84 ℄
8.33'
6.2%
12.58'
↑1.5%
817.05
817.05 OK
817.36
4.95'
15.48'
1.5% SLOPE
816.69
816.65
817.43
817.48
818.76
818.25
#148 MAIN STREET
#150
MAIN STREET
6a
SCALE 1"=5'

PRICE CHOPPER



6b

SCALE 1"=10'