SMH 17-0048.0
top 1105.04
8" inv. in 1096.44 SW
8" inv. in 1096.94 NE
8" inv. out 1096.29

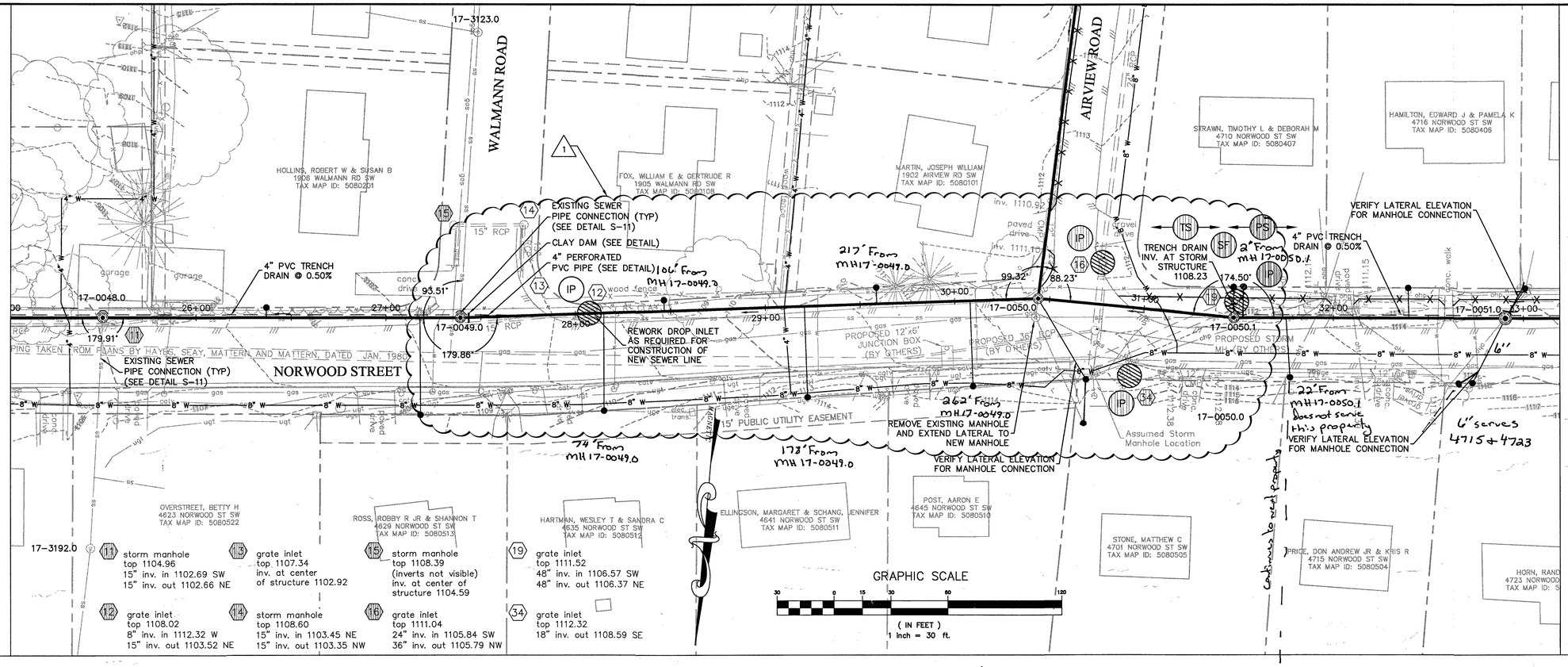
SMH 17-3192.0
top 1109.04
8" inv. in 1100.67 NE
8" inv. out 1100.57 SE

SMH 17-0049.0
top 1107.30
8" inv. in 1098.60 SW
8" inv. in 1098.40 SW
8" inv. out 1098.15 NE

SMH 17-3123.0
top 1112.65
4" inv. in 1104.45 SE
8" inv. in 1103.29 SW
8" inv. out 1103.20 N

SMH 17-0050.0
top 1112.43
8" inv. in 1102.28 SW
8" inv. in 1102.23 SW
6" inv. in 1102.45 NW
8" inv. out 1102.11 NE

SMH 17-0051.0
top 1114.68
8" inv. in 1104.20 SW
6" inv. in 1109.11 NE
8" inv. out 1104.03 NE



11 storm manhole
top 1104.96
15" inv. in 1102.69 SW
15" inv. out 1102.66 NE

12 grate inlet
top 1108.02
8" inv. in 1112.32 W
15" inv. out 1103.52 NE

13 grate inlet
top 1107.34
inv. at center of structure 1102.92

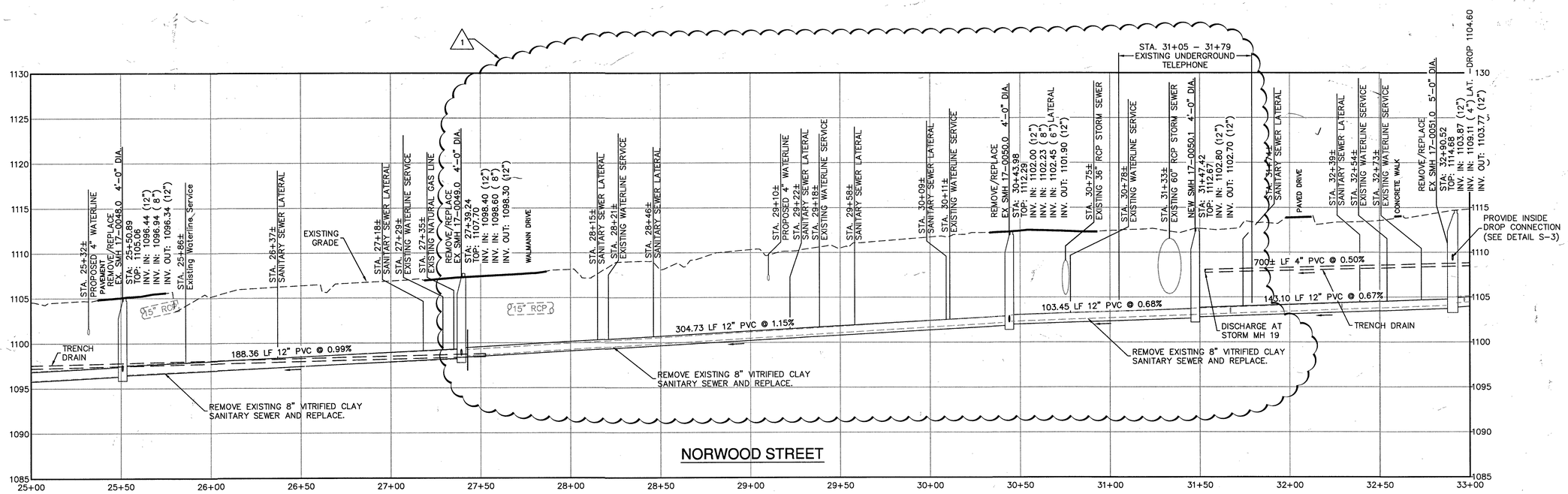
14 storm manhole
top 1108.60
15" inv. in 1103.45 NE
15" inv. out 1103.35 NW

15 storm manhole
top 1108.39
(inverts not visible)
inv. at center of structure 1104.59

16 grate inlet
top 1111.04
24" inv. in 1105.84 SW
36" inv. out 1105.79 NW

19 grate inlet
top 1111.52
48" inv. in 1106.57 SW
48" inv. out 1106.37 NE

34 grate inlet
top 1112.32
18" inv. out 1108.59 SE



SEWER PROFILE
SCALE: H: 1"=30', V: 1"=6

COMMONWEALTH OF VIRGINIA
LABACO M. ROBINSON
Lic. No. 021263
4/14/13
PROFESSIONAL ENGINEER

Draper Aden Associates
Engineering • Surveying • Environmental Services
2206 South Main Street
Blacksburg, VA 24060
540-552-0444 Fax: 540-552-0291
Richmond, VA
Charlottesville, VA
Hampton Roads, VA

CHA
1901 Innovation Drive, Suite 2100
Blacksburg, VA 24060
Main: (540) 552-5548 www.chacompanies.com

SEWER PLAN AND PROFILE
WESTERN VIRGINIA WATER AUTHORITY FY2011
VCWRLF COLLECTION SYSTEM PROJECTS
MURDOCK CREEK
PROJECT CITY, VIRGINIA

REVISIONS
1 01/14/2014 RE-ALIGNMENT REVISED BY RMH

DESIGNED BY: RMH
DRAWN BY: BMC
CHECKED BY: RMH
SCALE: H: 1"=30' V: 1" = 6'
DATE: 01/14/14
PROJECT NUMBER: B11132B-04B-05

C-115