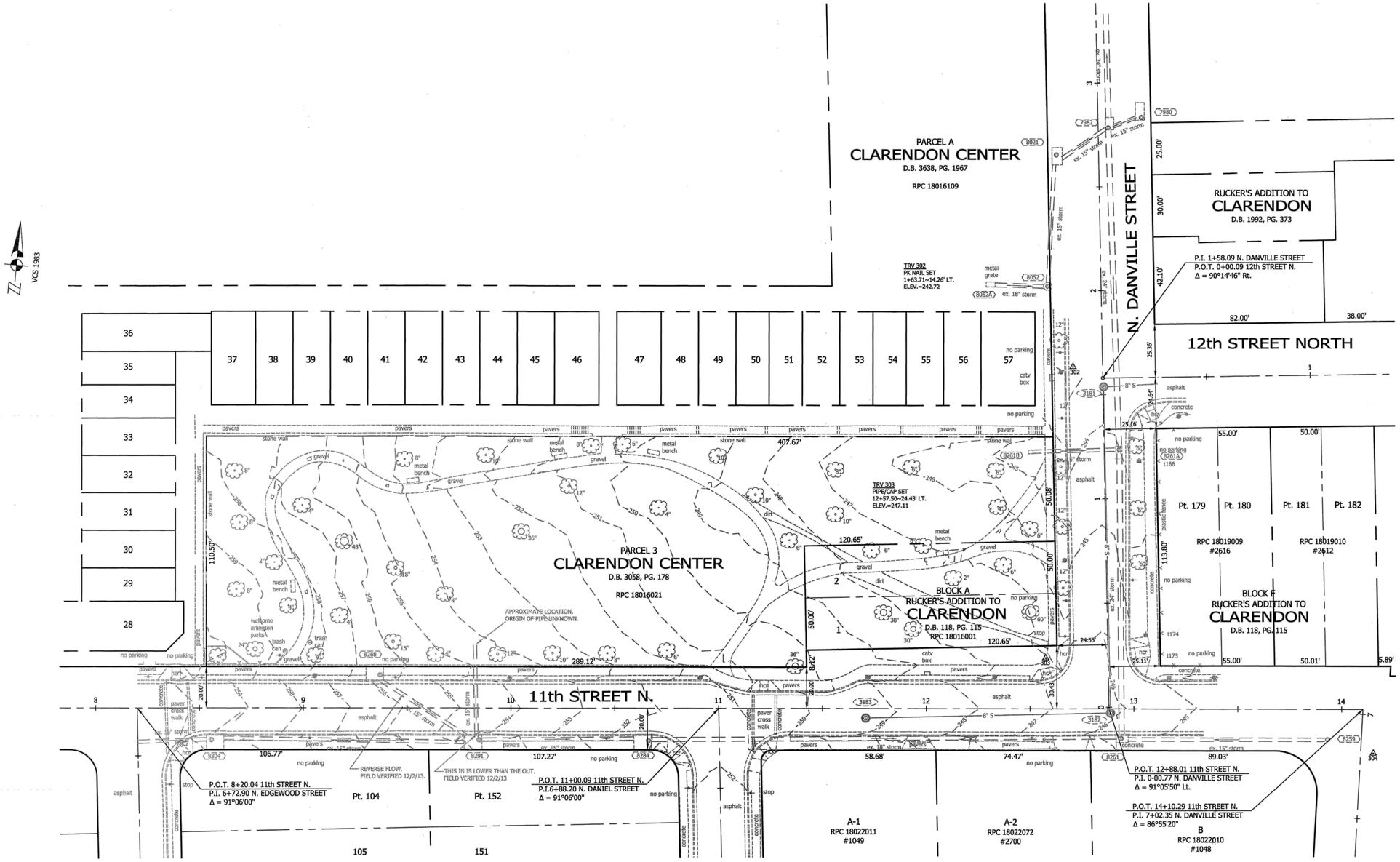

STORM SEWER TABULATION

#7980
TOP = 240.53
15" RCP INV. OUT = 236.31 (7982)

#7982
TOP = 241.14
15" RCP INV. IN = 235.08 (8021)
15" RCP INV. IN = 235.50 (7980) (FROM PLANS)
24" RCP INV. IN = 234.42 (8261)
24" RCP INV. OUT = 234.33 (7518)

#8021
TOP = 240.97
15" RCP INV. IN = 236.02 (8052)
15" RCP INV. OUT = 235.74 (7982)

#8052
TOP = 242.28
18" RCP INV. IN = 238.38 (8052A)
15" RCP INV. OUT= 238.28 (8021)

#8052A
TOP = 242.71
18" RCP INV. OUT = 238.61 (8052)

#8259
TOP = 242.74
15" RCP INV. OUT = 239.13 (8261)
(FROM PLANS)

#8261
TOP = 245.88
15" RCP INV. IN = 238.22 (8259)
18" RCP INV. IN = 239.64 (8284)
24" RCP INV. OUT = 237.18 (8261A)

#8261A
TOP = 243.96
15" RCP INV. IN = 236.56 (8261B)
24" RCP INV. IN = 236.21 (8261)
24" RCP INV. OUT = 235.30 (7982)

#8261B
TOP = 243.99
15" RCP INV. OUT = 237.15 (8261A)

#8268
TOP = 256.31
15" RCP INV. OUT = 249.86 (8291)

#8284
TOP = 252.03
15" RCP INV. IN = 245.31 (8291)
18" RCP INV. OUT = 245.26 (8261)

#8291
TOP = 254.68
15" RCP INV. IN = 250.06 (8268)
15" RCP INV. IN = 251.10 (8304)
15" RCP INV. IN = 246.92 (UNKNOWN)
18" RCP INV. OUT = 246.98 (8284)

#8304
TOP = 259.64
15" RCP INV. IN = 254.69 (8309)
15" RCP INV. OUT = 254.64 (8291)

SANITARY SEWER TABULATION

#3181
TOP = 243.59
C/L INV. = 233.37

#3182
TOP = 246.25
C/L INV. = 238.22

#3183
TOP = 249.45
C/L INV. = 247.91

ARLINGTON
VIRGINIA

DEPARTMENT OF
ENVIRONMENTAL SERVICES
Engineering Bureau - Survey Section
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201

THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF ROBERT L. FRANCA, L.S. FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED FROM 10/2013 TO 1/2014; AND THAT THIS PLAT, MAP OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

COMMONWEALTH OF VIRGINIA
ROBERT L. FRANCA
Lic. No. 1726
1-17-14
LAND SURVEYOR

HORIZONTAL DATUM: VIRGINIA COORDINATE SYSTEM 1983.

VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988.

CONTOUR INTERVAL: 1'

BOUNDARY INFORMATION SHOWN HEREON WAS COMPILED FROM EXISTING LAND RECORDS AND DOES NOT REPRESENT A FIELD RUN BOUNDARY SURVEY.

PARTY CHIEF: OWENS
SURVEY PM: FRANCA

PROJECT:
6308/S37D

NOTE:

GPS SATELLITE DATA WAS COLLECTED FOR POINTS 3300 THROUGH 3305 ON OCTOBER 3, 2013.

GPS SATELLITE DATA WAS COLLECTED FOR POINTS 1101 AND 1235 ON NOVEMBER 14, 2013.

GPS POINT #3303 = POINT #109 (CLARENDON SURVEY).
GPS POINT #1235 = POINT #235 (CLARENDON SURVEY).

THE SCALE FACTOR OF 1.00006 WAS APPLIED TO POINTS POINTS 3300 THROUGH 3305, 1101 AND 1235 TO ACHIEVE GROUND COORDINATE VALUES. THE SCALE POINT @ N7009718, E11878491 WAS USED AS THE SCALE BASE POINT.

THE ENTIRE DRAWING HAS BEEN TRANSLATED AND ROTATED BY HOLDING THE MID-POINT OF 1235-3303 = MID-POINT OF 235-109. THE LINE 1235-3303 WAS HELD AS THE BASIS OF BEARING.

THE RTK GPS ELEVATION FOR POINT 3303 (247.11) WAS HELD FOR THE VERTICAL DATUM.

RPC 18016021
RPC 18017011
OWNER: COUNTY BOARD OF ARLINGTON COUNTY, VIRGINIA
D.B. 3058, PG. 178
D.B. 2735, PG. 923
ADDRESS: 2751 11TH STREET N.

Field Run Traverse

Point #	Northing	Easting	Elevation	Raw Description
3300	7009151.1136	11884571.0813	238.48	TRV300
3301	7009142.9553	11884318.2304	241.37	TRV301
3302	7009118.1287	11884135.0029	242.72	TRV302
3303	7008977.7700	11884135.0940	247.11	TRV303=109
3304	7008947.2765	11884296.4119	242.22	TRV304
3305	7008799.9798	11884312.7747	244.62	TRV305
3330	7009389.4869	11884138.3540	242.98	TRV330=30

GRAPHIC SCALE
25 0 25
SCALE: 1" = 25'

TOPOGRAPHIC SURVEY
PARCEL 3
CLARENDON CENTER
D.B. 3058, PG. 178
AND
LOTS 1 AND 2
RUCKER'S ADDITION TO
CLARENDON
D.B. 118, PG. 115
PROPERTY KNOWN AS
DANVILLE PARK
ARLINGTON COUNTY, VIRGINIA

Q:\Data\S37D\Survey\Drawings\6308 CERTIFIED SURVEY.dwg, 01/17/2014 2:08:49 PM, 1:1