

LEGEND:

- PROPERTY LINE
- - - CENTERLINE OF ROADWAY
- - - CONTOUR 2.0' INTERVAL
- FENCE LINE
- - - CENTERLINE SWALE/CHANNEL
- ▬ STORM SEWER PIPE
- IRON PIPE FOUND (IPF)
- STORM SEWER MANHOLE LID
- △ PROJECT CONTROL BENCHMARK

PROPERTY OWNER INFORMATION

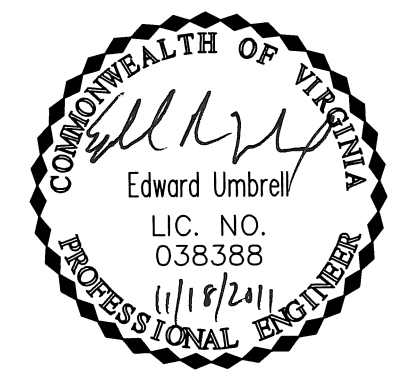
PARCEL	GPIN	OWNER	D.B	PG.
P1	013-36-7032	JIMMY Q. TRAN & SANDY K. LAM	1711	598
P2	013-36-2558	CARDINAL GLEN OF LOUDOUN HOA	717	387
P3	013-36-7642	NUMBER TWO CARDINAL GLEN OF LOUDOUN HOA	797	244
P4	013-36-8537	WALY & NATALYA TOKHI	200906010035038	
P5	013-36-8130	KEVIN A. & DEIRDRE BROWN	1801	583
P6	013-36-7825	WESTERLY HOA	1649	618

PROJECT SUMMARY

THE PROPOSED DESIGN INCLUDES THE INSTALLATION OF A NEW STORM SEWER PIPE SYSTEM AND FILLING IN OF THE DRAINAGE CHANNEL THAT CONNECTS THE CARDINAL GLEN STORM SEWER NETWORK WITH THE CARTERS GROVE STORM SEWER NETWORK. THE EXISTING 48" RCP AND 76"X48" ELLIPTICAL RCP WILL BE EXTENDED TO MEET AT A NEW 12'X6' CONCRETE JUNCTION BOX WHICH WILL HAVE A GRATE INLET TOP. TWO NEW DI-1 GRATE INLETS WILL BE INSTALLED TO COLLECT OVERLAND FLOW FROM THE PARCEL A-1 POND AND PARCEL G. THE PROPOSED PIPES HAVE BEEN SIZED TO HANDLE THE 10-YEAR STORM.

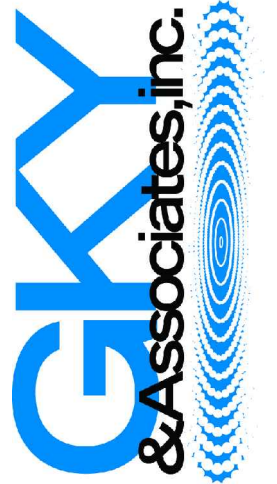
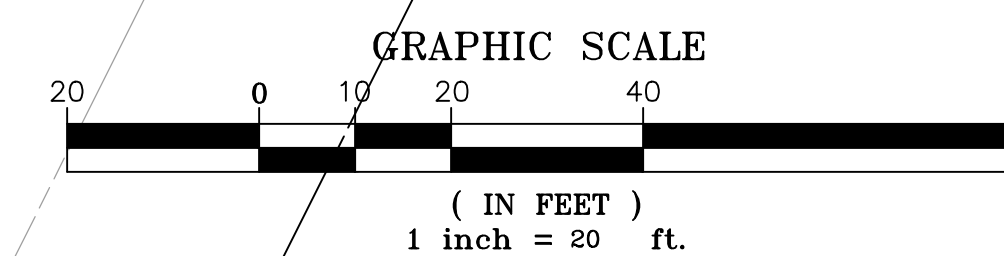
SHEET INDEX

1. EXISTING CONDITIONS
2. GRADING AND UTILITY PLAN
3. STORM PROFILES AND DETAILS



NOTES:

- 1.) TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY CHARLES P. JOHNSON AND ASSOCIATES IN APRIL 2011. CONTOUR INTERVAL SHOWN HEREON = 2.0'.
- 2.) LOT LINES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT REFLECT A FIELD RUN BOUNDARY SURVEY.
- 3.) TITLE REPORT HAS NOT BEEN PROVIDED.
- 4.) THE HORIZONTAL DATUM (NAD 27) IS BASED ON PLAT ENTITLED "CARDINAL GLEN - SECTION ONE" RECORDED IN DEED BOOK 717 AT PAGE 370 AMONG THE LAND RECORDS OF LOUDOUN COUNTY, VIRGINIA. THE VERTICAL DATUM SHOWN HEREON IS BASED ON AS-BUILT ELEVATIONS AS SHOWN ON THE APPROVED SUBDIVISION PLAN FOR CARTER'S GROVE.



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DRAINAGE IMPROVEMENTS
CARDINAL GLEN
 LOUDOUN COUNTY, VA

EXISTING
CONDITIONS

H SCALE: 1" = 20'
 V SCALE: NA
 CONTOUR: 2'
 DATE: 11-08-2011
 DESIGNED: SC
 DRAFTED: SC
 CHECKED: EU
 PROJECT#: 2009-001
 CONTRACT#: TO #23
 SHEET: 1 OF 3