537 INLET TB T10 F&G
STA = 515+75, 27' RT
RIM = 856.62
INV = 852.65 E
INV = 852.40 W

538 OMITTED

539 CB TA 4' DIA T8G
STA = 515+75, 34' LT
RIM = 855.25
INV = 851.00 E

540 9 LIN FT SS
CL A 2 18" @ 3.0%

541 DRYWELL 5' DIA, T1F&CL
STA = 515+87, 34' LT
RIM = 855.60
INV = 850.75 E,W
BOTTOM OF DRY WELL = 842.00 (FIELD ADJUST PER GEOTECHNICAL ENGINEER)

542 10 LIN FT SS CL A 2 18" @ 2.9%

543 CB TA 4' DIA T8G
STA = 516+00, 34' LT
RIM = 855.75
INV = 851.00 E,W

544 47 LIN FT SS
CL A 2 18" @ 2.2%

545 CB TA 4' DIA T8G
STA = 516+50, 34' LT
RIM = 857.50
INV = 852.00 E,W

546 147 LIN FT SS CL A 2 18" @ 2.1%

547 CB TA 4' DIA T8G
STA = 518+00, 34' LT
RIM = 861.66
INV = 855.00 W

548 23 LIN FT STORM SEW WM
REQ 12" @ 1.6%

549 INLET TB T10 F&G
STA = 516+00, 27' RT
RIM = 857.37
INV = 853.00 E,W

550 199 LIN FT STORM SEW WM
REQ 12" @ 3.0%

551 INLET TA T10 F&G
STA = 518+00, 27' RT
RIM = 862.14
INV = 859.00 W

552 248 LIN FT STORM SEW WM
REQ 16" @ 1.6%

553 CB TA 4' DIA T8G
STA = 513+25, 27' RT
RIM = 852.59
INV = 848.55 E,W

554 12 LIN FT STORM SEW WM
REQ 16" @ 2.7%

554A 6 LIN FT SS CL A 1 15" @ 2.0%

555 DRYWELL 5' DIA, T1F&CL
STA = 513+10, 30' RT
RIM = 851.89
INV = 848.25 E
BOTTOM OF DRYWELL = 838.00 (FIELD ADJUST PER GEOTECHNICAL ENGINEER)

555A DRYWELL 5' DIA, T1 F&CL
STA = 513+00, 30' RT
RIM = 851.87
INV = 848.15 E
BOTTOM OF DRYWELL = 838.00 (FIELD ADJUST PER GEOTECHNICAL ENGINEER)

DUNDEE ROAD PROJECT BEGINS STA. 515+62.00

EXISTING DRAINAGE SYSTEM ON THE NORTH SIDE TO BE MAINTAINED WEST OF THE PROJECT LIMITS.

GRAPHIC SCALE
20 0 20 40 60 80
FEET

EX FENCE LINE (TYP)
EX ROW
℄ DUNDEE ROAD (IL ROUTE 68)
DUNDEE ROAD (IL ROUTE 68)
513 514 515+00 516 517 518
MATCHLINE STA 518+50.00

PLAN	SURVEYED	PLOTTED	ALIGNMENT CHECKED	RT. OF WAY CHECKED	CADD FILE NAME	NOTE BOOK	NO.	BY	DATE

DUNDEE ROAD PROJECT BEGINS STA. 515+62.00

858 856 854 852 850 848 846 844 842
864 862 860 858 856 854 852 850 848

23 LIN FT STORM SEW WM REQ 12" @ 1.6% (WATER MAIN REQUIREMENTS)
PR PGL
EXIST. GROUND AT PGL
199 LIN FT STORM SEW WM REQ 12" @ 3.0%
47 LIN FT SS CL A 2 18" @ 2.2%
248 LIN FT STORM SEW WM REQ 16" @ 1.6%
EX 12" WATER
EX 6" SAN SEWER (FORCE MAIN)
9 LIN FT SS CL A 2 18" @ 3.0%
10 LIN FT SS CL A 2 18" @ 2.9%
12 LIN FT STORM SEW WM REQ 16" @ 2.7%
6 LIN FT SS CL A 1 15" @ 2.0%
BOTTOM OF DRY WELLS = 838.00
BOTTOM OF DRY WELL = 842.00
550 (CONT.)
546 (CONT.)
147 LIN FT SS CL A 2 18" @ 2.1%

852.79 853.01 853.25 853.52 853.88 854.24 854.61 855.01 855.47 855.97 856.49 857.03 857.62 858.23 858.26 858.87 859.51 859.49 860.14 860.75 860.72 861.32 861.86 861.89 862.39 862.91 862.96 863.39 863.86 863.93

513+00 513+50 514+00 514+50 515+00 515+50 516+00 516+50 517+00 517+50 518+00 518+50

PROFILE	SURVEYED	PLOTTED	ALIGNMENT CHECKED	BKM. NOTED	STRUCTURE NOTATIONS CHKD	NOTE BOOK	NO.	BY	DATE

COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: VILLAGE OF CARPENTERSVILLE
CLIENT:
DATE PLOTTED: 11/1/2010 5:08:20 PM
FILE NAME: 080326-dpp-11.dgn
PLOT DRIVER: pdf.pdf
PEN TABLE: standard-trans.tbl

C-SW-1PM-2
NA2A002/MONROE/GOLFVIEW
080326-dpp-11.dgn

Illinois Professional Design Firm # 184.000108

SEC Group, Inc.
An HR Green Company
420 N. Front Street,
McHenry, IL 60050-2135
t. 815.385.1775 f. 815.385.1791
www.secgroupinc.com
McHenry,IL Woodstock,IL New Lenox,IL Chicago,IL

USER NAME = CHamtke	DESIGNED - A. JAIN	REVISED -	
	DRAWN - S. PERNAL	REVISED -	
PLOT SCALE = 1" = 20'	CHECKED - T. HAMILTON	REVISED -	
PLOT DATE = 11/1/2010	DATE - 10/25/10	REVISED -	

VILLAGE OF CARPENTERSVILLE

DRAINAGE AND UTILITY PLAN AND PROFILE
DUNDEE ROAD (IL ROUTE 68)

SCALE: 1" = 20' | SHEET NO. 17 OF 21 SHEETS | STA. BEGIN TO STA. 518+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	65
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		