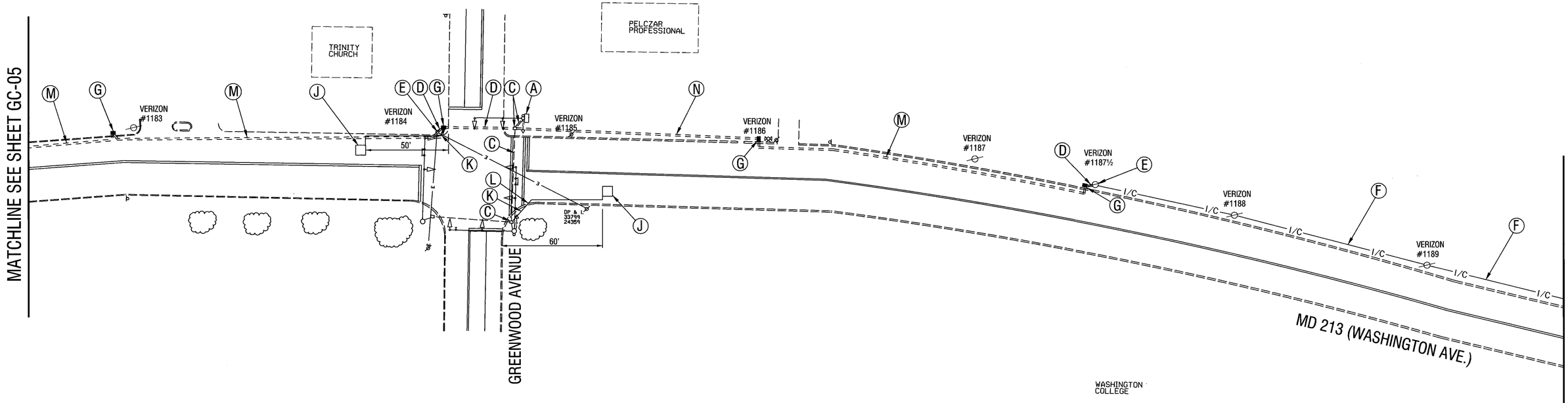
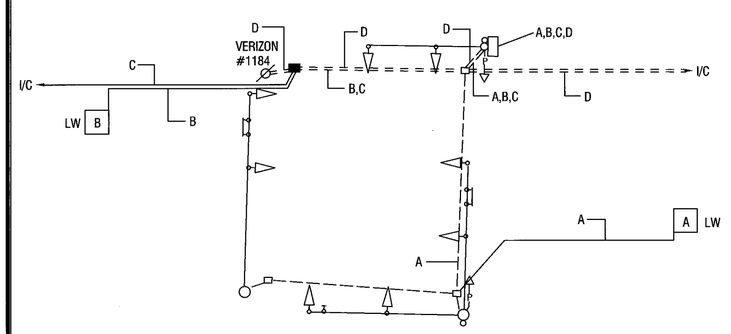
MD 213 IS ASSUMED TO RUN IN
A NORTH/SOUTH DIRECTION



WIRING DIAGRAM



KEY

A, B	2 CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 AWG)
C, D	12 PAIR INTERCONNECT CABLE
LW	LOOP WIRE

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
I/C	INTERCONNECT CABLE

CONSTRUCTION DETAILS

A. USE EXISTING CABINET TO PROPERLY INSTALL, LABEL AND TAG ALL PROPOSED CABLES.
B. USE EXISTING CONDUIT AND INSTALL 12 PAIR INTERCONNECT CABLE.
C. USE EXISTING HANDHOLE AND/OR CONDUIT.
D. INSTALL 3 IN SCHEDULE 80 PVC ELECTRICAL CONDUIT. (SLOTTED OR TRENCHED)
E. INSTALL 2 IN SCHEDULE 80 PVC CONDUIT RISER ON EXISTING WOOD POLE AS SHOWN.
F. INSTALL PROPOSED 12 PAIR OVERHEAD INTERCONNECT CABLE TO WOOD POLE IN ACCORDANCE TO ATTACHMENT AGREEMENT. (SEE GENERAL NOTE 1)
G. INSTALL HANDHOLE.
H. FUNIRSH AND INSTALL 3 IN WEATHERHEAD.
J. INSTALL 6 FT X 6 FT LOOP DETECTOR (4 TURNS) ENCASED IN¼IN FLEXIBLE TUBING.
K. INSTALL 1 IN LIQUID - TIGHT, FLEXIBLE NON - METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE).
L. INSTALL 1 IN. GALVANIZED CONDUIT FOR DETECTOR WIRE SLEEVE.
M. INSTALL 12 PAIR INTERCONNECT CABLE, UNDERGROUND WITH PROPOSED 3 IN SCHEDULE 80 PVC ELECTRICAL CONDUIT (SLOTTED).
N. INSTALL 3 IN SCHEDULE 80 ELECTRICAL CONDUIT BORED UNDER EXISTING SIDEWALK.

GENERAL NOTES

1. ALL PROPOSED INTERCONNECT CABLE SHALL BE INSTALLED IN ACCORDANCE WITH THE SHA UTILITY ATTACHMENT AGREEMENT.
2. CONTRACTOR SHALL PROPERLY LABLE AND TAG ALL INTERCONNECT CABLE ENTERING AND LEAVING IN ALL CONTROLLER CABINETS.
3. THE CONTRACTOR SHALL FOLLOW SHA STANDARDS FOR INSTALLING INTERCONNECT CABLE OVERHEAD OR UNDERGROUND.

GC-06

SABRA, WANG & ASSOCIATES, INC.
1506 10H AVENUE
SUITE 180
BALTIMORE, MD 21227
WWW.SABRA-WANG.COM

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
INTERCONNECT PLAN

MD 213 FROM WASHINGTON SQUARE SHOPPING CENTER ENTRANCE TO MD 289 (CROSS STREET)

DRAWN BY:	MIKE RAFFLE	F.A.P. NO.		TS NO. 39D-IC6	SHEET NO.
CHECKED BY:		S.H.A. NO.	KE413A51/51B		
SCALE:	1" = 30'	COUNTY:	KENT	T.I.M.S. NO. E447	6 OF
DATE:	MARCH, 2002	LOG MILE:	14021300.19		

R:/DO-477/SK16/DWG/INTERCONNECT/ E447GC06.DGN