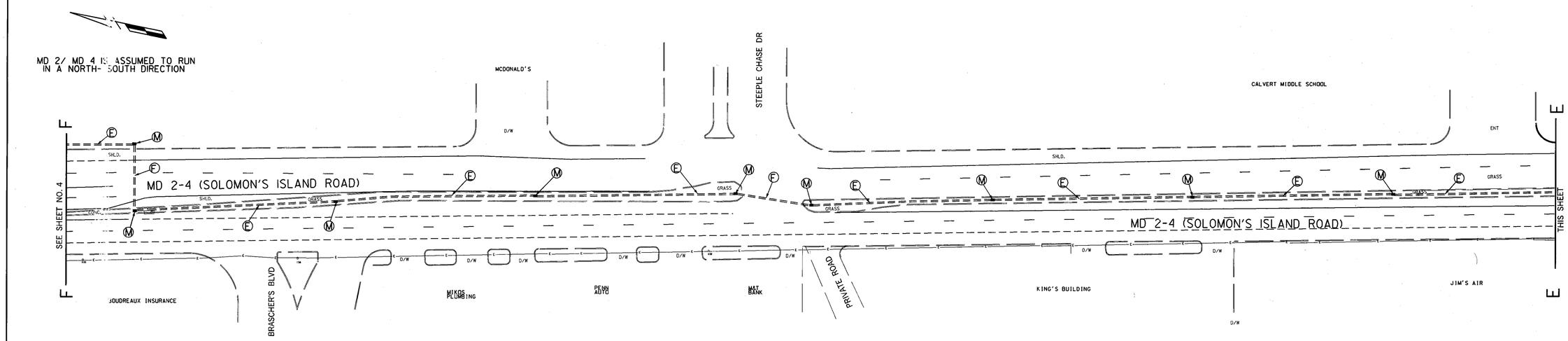
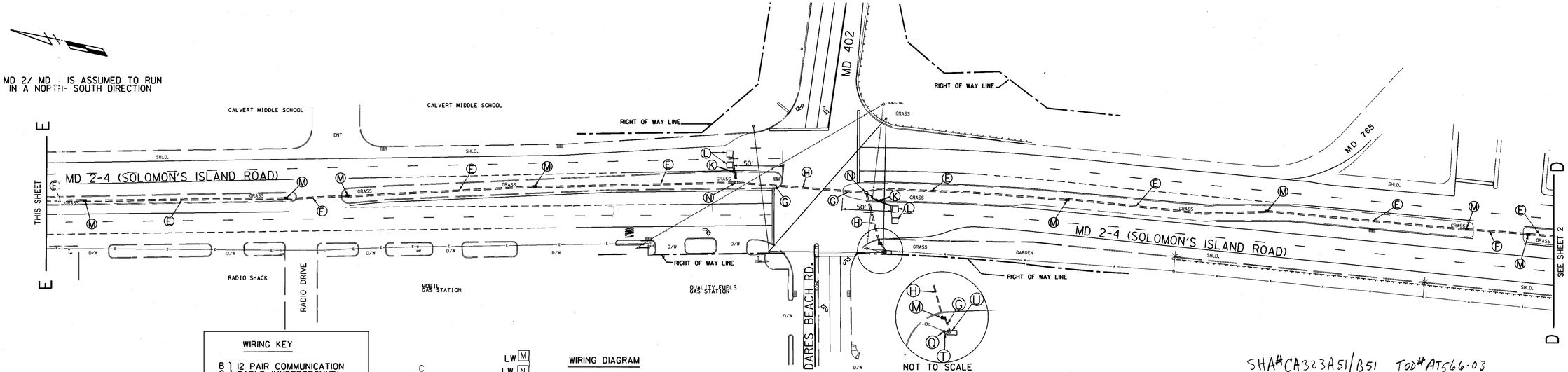


CONSTRUCTION DETAILS FOR SHEET 3 OF 4

E. INSTALL 3" SCHEDULE 80 RIDIG PVC CONDUIT - TRENCHED.
F. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - BORED.
G. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED.
H. INSTALL 4" SCHEDULE 80 RIDIG PVC CONDUIT - SLOTTED.
K. INSTALL 1" GALVANIZED CONDUIT FOR DETECTOR SLEEVE.
L. INSTALL 6' X 6' LOOP DETECTOR FOR SAMPLING.
M. INSTALL HANDHOLE.
N. USE EXISTING HANDHOLE.
Q. USE EXISTING POLE, INSTALL 3" WEATHERHEAD, AND 1" RISER FOR UNDERGROUND PHOE DROP TO THE EXISTING CABINET.
T. INSTALL 2" SCHEDULE 80 RIDIG PVC CONDUIT - TRENCHED FOR PHONE DROP.
U. INSTALL MASTER CONTROLLER AND AMPLIFIER INTO THE EXISTING CABINET, (INSTALL: 1-2" AND 1-4" SCH 80 BENDS INTO EXISTING BASE).

NOTE: WIRING KEY

D. ONE 1-LENGTH OF 12 PAIR COMMUNICATION CABLE SHALL RUN FROM MD 402 THROUGH THE HANDHOLES AND CONDUIT TO FOX RUN BVLD.



WIRING KEY

B, C } 12 PAIR COMMUNICATION CABLE (UNDERGROUND)

M, N, O, P } 2-CONDUCTOR NO.14 AWG ALUMINUM SHIELDED CABLE

R - NO.6 AWG STRANDED BARE COPPER GROUND WIRE

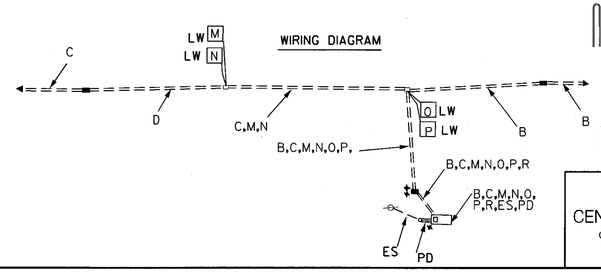
PD- PHONE DROP

LW- LOOP WIRE NO. 14 AWG

ES- EXISTING SERVICE FEED

✦ - GROUND ROD

WIRING DIAGRAM



UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS – PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

REVISIONS	APPROVALS
	9-15-04 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

SHA#CA323A51/B51 TOD#AT566-03

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

MD 2-4 INTERCONNECT PROJECT
FROM STOAKLEY ROAD TO OLD FIELD LANE

DRAWN BY:	RJM/EMM	F.A.P. NO.		TS NO. 4349-X3	SHEET NO.
CHECKED BY:	EMM/TH	S.H.A. NO.	AT5665185		
SCALE:	1" = 50'	COUNTY:	CALVERT	T.I.M.S. NO. F839	03 OF 04
DATE:	09/15/2004	LOG MILE:	04000219.27 TO 19.76		

o:*TRANSDWG*22171*task 40*RJM081204*F839 I-C 03.dgn 9/15/2004