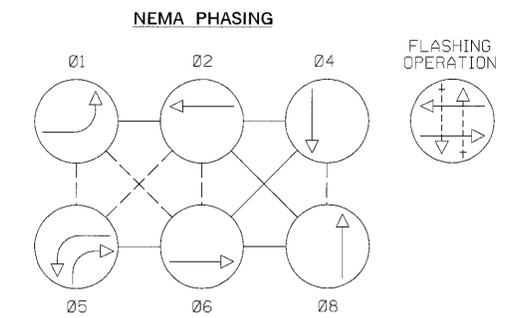
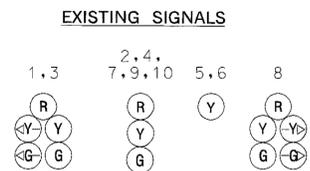
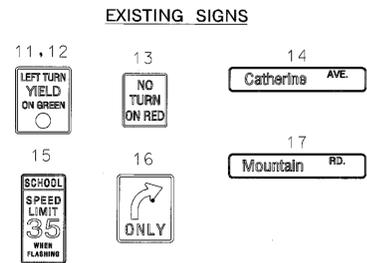
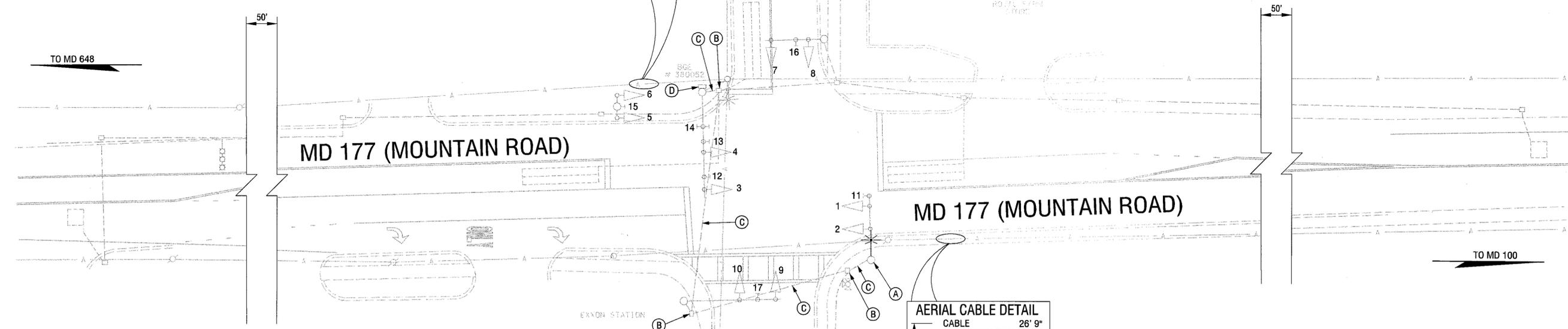
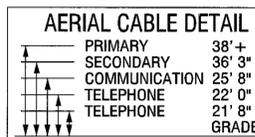


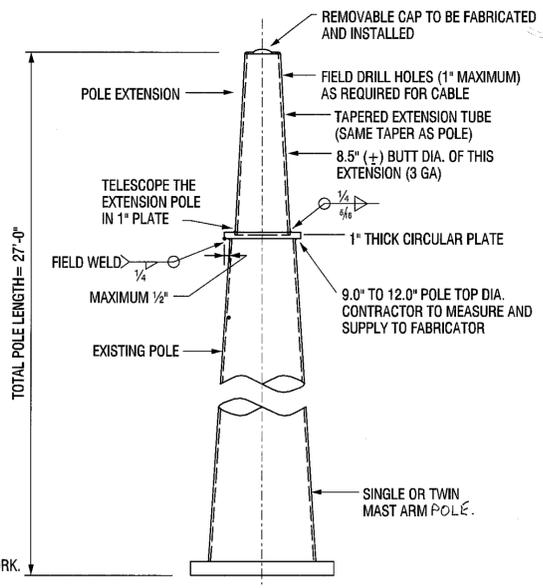
MD 177 IS ASSUMED TO RUN IN A EAST / WEST DIRECTION



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



- CONSTRUCTION DETAILS**
- A. USE EXISTING MAST ARM POLE. INSTALL POLE TOP EXTENSION FOR MAX. 27 FT. HEIGHT. (SEE DETAIL THIS SHEET) INSTALL 6 FT. LIGHTING BRACKET ARM, 250 WATT HPS LAMP AND LUMINAIRE WITH PHOTOCELL.
 - B. USE EXISTING HANDHOLE.
 - C. USE EXISTING CONDUIT.
 - D. USE EXISTING CONTROLLER AND CABINET. TERMINATE 2 CONDUCTOR LIGHTING CABLE AT DISCONNECT SWITCH (FUSE FOR 30 AMPS).



MAST ARM POLE EXTENSION FOR LIGHTING ARM DETAIL
NOT TO SCALE

- NOTES:**
- AFTER FABRICATION, CLEAN AFFECTED AREA AND SPRAY COLD GALVANIZING COMPOUND.
 - ALL WELDING WORK TO BE PERFORMED BY A MD CERTIFIED WELDER. MR. JOHN WEISNER IS TO BE CONTACTED AT (301) 513-7373 BEFORE PERFORMING WELDING WORK.
 - ALL SHOP AND FIELD WELDING WORK MUST BE APPROVED BY SHA LAB.

GEOMETRIC LEGEND

---	---	EXISTING
---	---	PROPOSED

UTILITY LEGEND

---	---	STORM DRAIN
---	---	GAS MAIN
---	---	WATER MAIN
---	---	SEWER MAIN
---	---	ELECTRIC CABLES
---	---	AERIAL CABLES
---	---	TELEPHONE CABLES

- GENERAL NOTES**
- ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE SUITE 180
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS		APPROVALS	
1	SHA NO. XX1065485 04-13-04 INSTALL LIGHTING BRACKET ARM AND LUMINAIRE	J.G.	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
2	ADD E/P LT ON EB MD 177	J.G.	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
3	RECUT TRUN LOOP	J.G.	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
4		J.G.	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
**MD 177 (MOUNTAIN ROAD)
AT CATHERINE AVENUE**

DRAWN BY: J.G.	F.A.P. NO. AW 607-501-576	TS NO. 328 1	SHEET NO. 1 OF 2
CHECKED BY: J.G.	S.H.A. NO. ANNE ARUNDEL	T.I.M.S. NO. G-050	
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	LOG MILE: 02017702,88	
DATE:			

FILE: r100-23-task (06-dgn) 0609p01.dgn DATE: 15-Mar-04 10:28