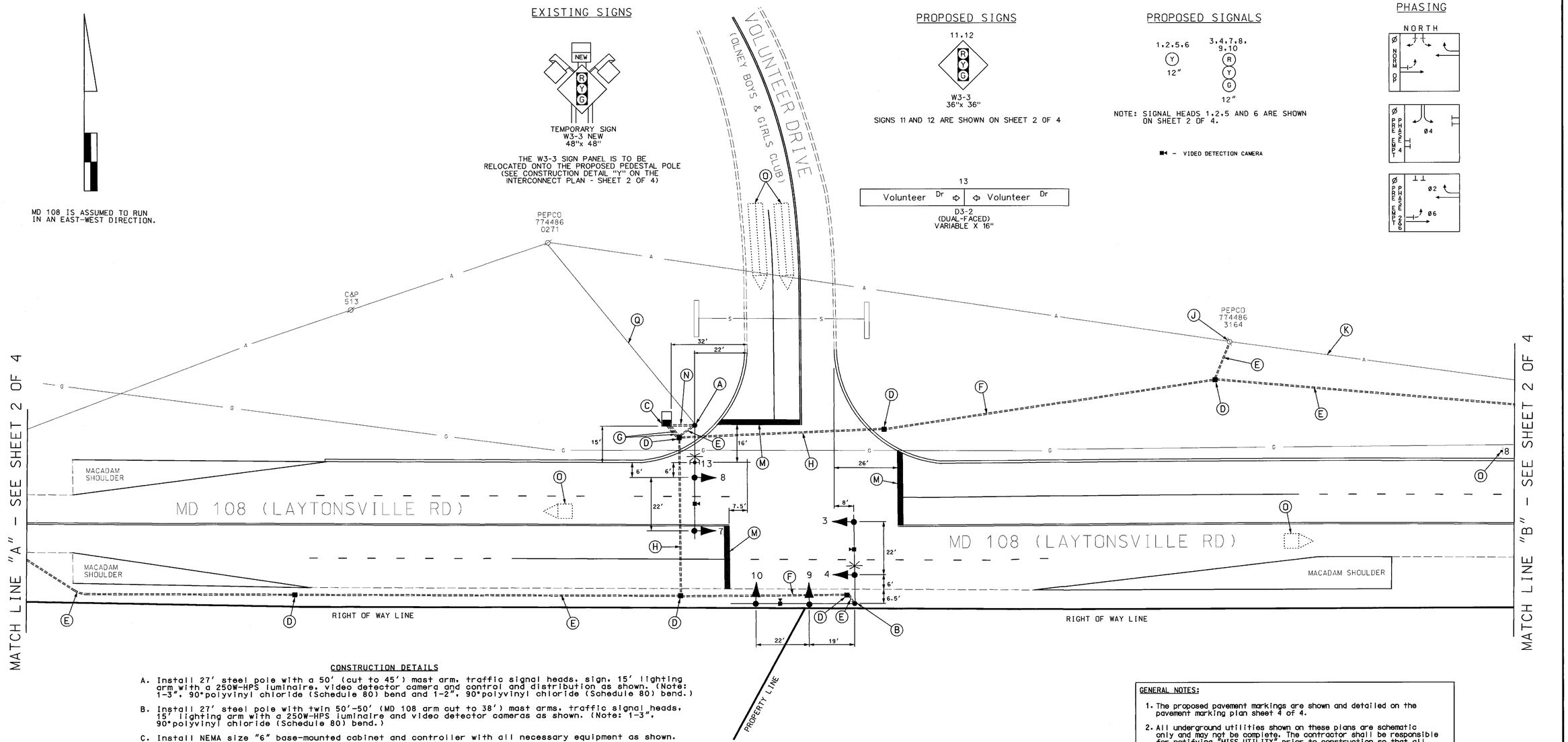

CONSTRUCTION DETAILS

A. Install 27' steel pole with a 50' (cut to 45') mast arm, traffic signal heads, sign, 15' lighting arm with a 250W-HPS luminaire, video detector camera and control and distribution as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend and 1-2", 90°polyvinyl chloride (Schedule 80) bend.)

B. Install 27' steel pole with twin 50'-50' (MD 108 arm cut to 38') mast arms, traffic signal heads, 15' lighting arm with a 250W-HPS luminaire and video detector cameras as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

C. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.

D. Install handhole.

E. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

F. Install 2-3" polyvinyl chloride electrical conduits (Schedule 80) (trenched).

G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

H. Install 2-4" polyvinyl chloride electrical conduits (Schedule 80) (slotted) (both 4" conduits in the same slot).

J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) riser. Install interconnect cable 1' above existing CATV cable.

K. Install overhead 50-pair interconnect cable (self supporting).

L. Proposed video detection area.

M. Install 24" white, heat applied permanent preformed thermoplastic pavement marking (stopline).

N. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service.

O. Proposed overhead electrical service by PEPCO.

GENERAL NOTES:

1. The proposed pavement markings are shown and detailed on the pavement marking plan sheet 4 of 4.
2. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
3. Selectrive tree trimming shall be completed by District 3 forces.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

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REVISIONS	APPROVALS
(A) 10-3-02 ADD NEB3	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
RRZ	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 108 (LAYTONSVILLE RD) AND VOLUNTEER DR (OLNEY BOYS AND GIRLS CLUB)

DRAWN BY: D.H. (FOR STS)	F.A.P. NO.	TS NO. 4189 A	SHEET NO.
CHECKED BY: RRZ (FOR STS)	S.H.A. NO.		
SCALE: 1"= 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. E-761	1 OF 4
DATE: 10-1-02	LOG MILE:		