



NOTE: MD 108 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

CONSTRUCTION DETAILS

- A. Install 14' breakaway pedestal pole with opticom detector eye as shown. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)
- B. Install NEMA size "6" base-mounted cabinet and controller with electrical utility service equipment, discriminator module and all necessary equipment as shown.
- C. Install handhole.
- D. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- E. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (slotted).
- F. Pull back existing 7 conductor cables (from existing flashers) to this utility pole and reroute thru proposed conduit and handbox to proposed controller.
- G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- H. Existing overhead 7 conductor cable(s) for flasher.
- J. Existing steel pole with flasher cabinet and flasher signal heads.
- K. Install opticom emitter system. (Note: Opticom emitter shall be installed onto existing roof top cupola.)
- L. Install firehouse pushbutton. (Note: See sheet 2 of 2 for pushbutton installation details).
- M. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service by PEPCO.

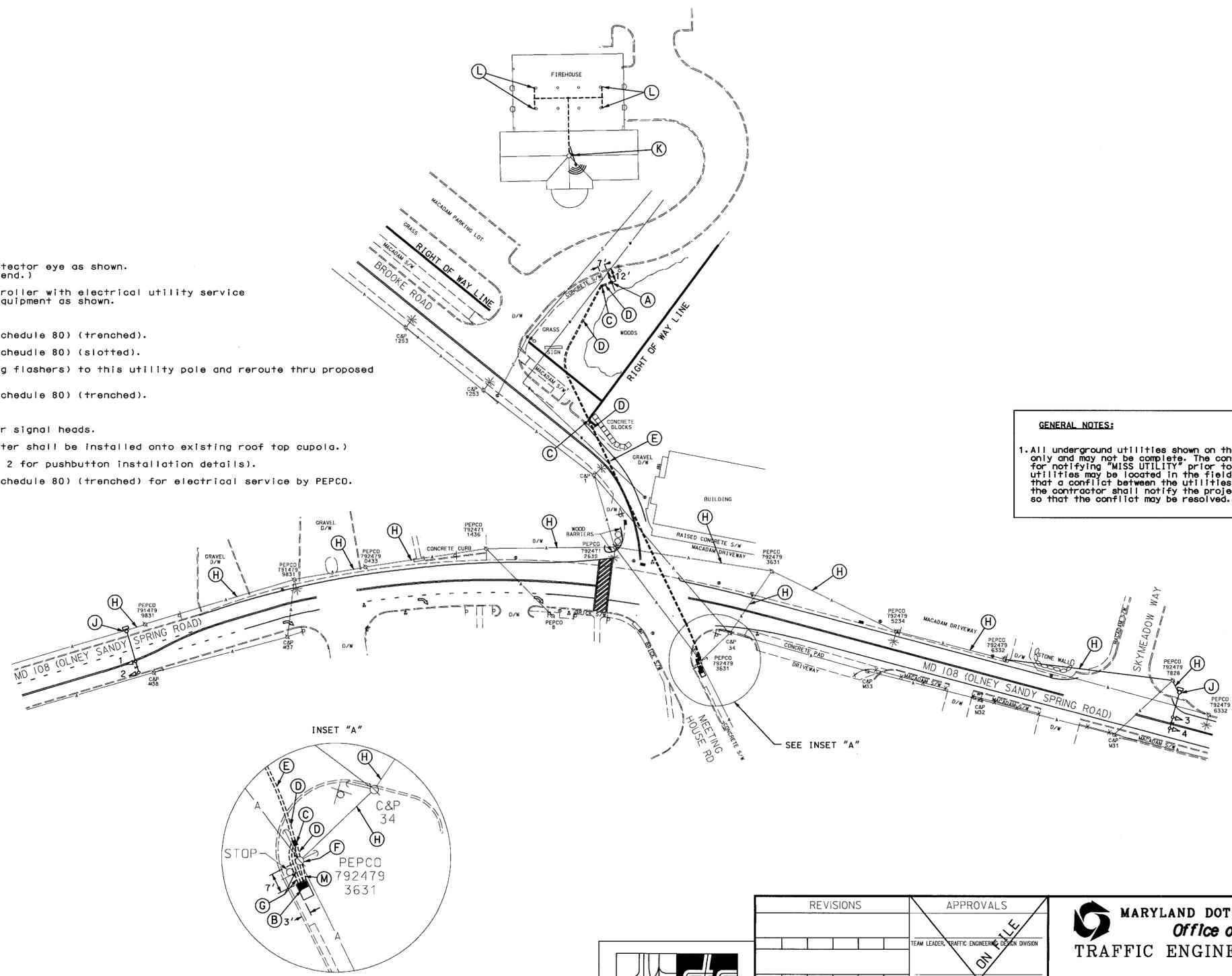
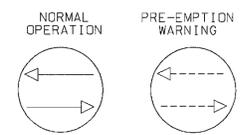
EXISTING SIGNS



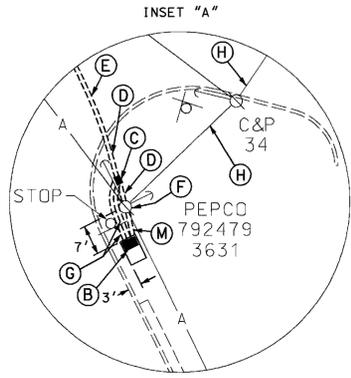
EXISTING SIGNALS



NEMA PHASING



GENERAL NOTES:
1. 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.



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

ST
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REVISIONS	APPROVALS
7-9-03 INSTALL FIREHOUSE PUSHBUTTON SYSTEM SHA NO. AT3575185	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 108 @ BROOKE RD/ MEETING HOUSE RD

DRAWN BY: Rob Ciachini
CHECKED BY: J. ALLEN
SCALE: 1" = 50'
DATE: 7-9-03

F.A.P. NO. S.H.A. NO. COUNTY: MONTGOMERY LOG MILE: 15010815.80

TS NO. 4267-A
T.I.M.S. NO. F-412

SHEET NO. 1 OF 2