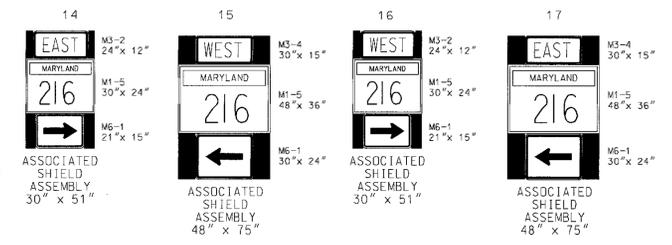
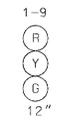


NOTE: MD 216 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

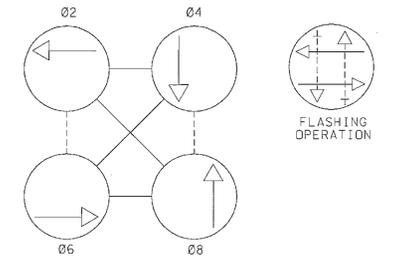
EXISTING SIGNS



EXISTING SIGNALS

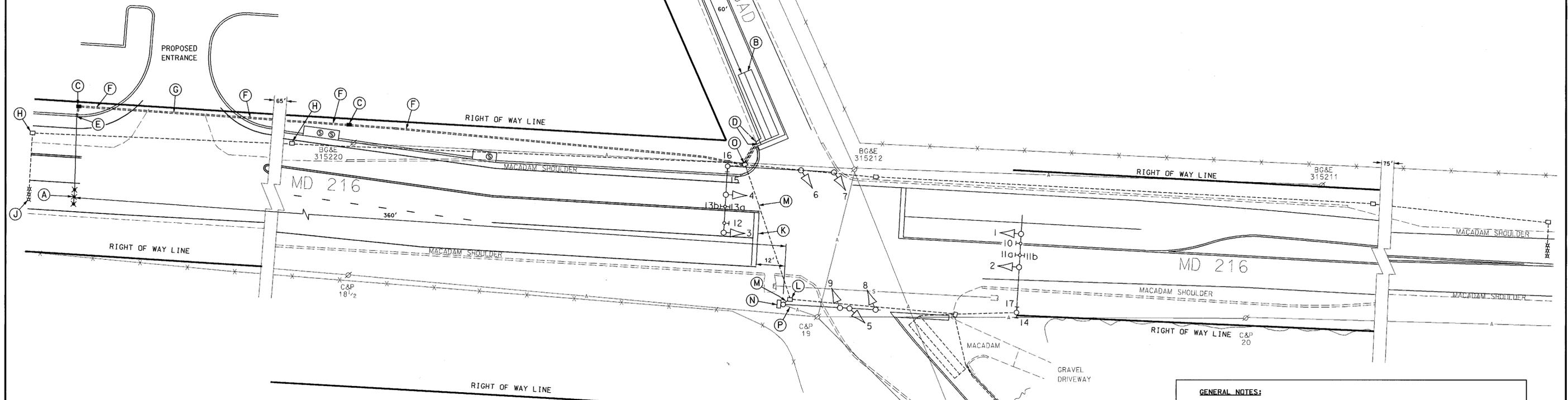


NEMA PHASING



PHASING NOTES:
 1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
 2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

MT. ZION METHODIST CHURCH



CONSTRUCTION DETAILS

- A. Install micro-loop probes as shown.
- B. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3). (1' behind existing stopline)
- C. Install handhole.
- D. Install 1" galvanized steel electrical conduit (detector wire sleeve).
- E. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
- F. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- G. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- H. Remove existing handhole. Cap and abandon existing conduit.
- J. Disconnect existing micro probe set.
- K. Install 24" white, heat applied permanent preformed thermoplastic pavement marking. (stopline)
- L. Use existing handhole.
- M. Use existing conduit.
- N. Use existing pole mounted cabinet.
- O. Raise existing handhole to level with new grade.
- P. Existing overhead electrical service to be maintained by BGE

GENERAL NOTES:
 1. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
 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. The proposed Signage and Pavement Marking Plan for the west leg of MD 216 is part of the plans submitted to the Access Permits Section by Maryland Land Design, Inc.
 4. Removal / installation of signal equipment shall be done prior to to geometric improvements.

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---

REVISION "A"

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REVISIONS	APPROVALS

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 MD 216 AT BROWNS BRIDGE ROAD

DRAWN BY: K WINKLER	F.A.P. NO. STPG-0005 (495)E	TS NO. 3612A
CHECKED BY: D DODA	S.H.A. NO. AW-105-501-785	T.I.M.S. NO.
SCALE: 1" = 20'	COUNTY: HOWARD	
DATE: 7-8-96	LOG MILE: 13021607.29	

SHEET NO. 1 OF 2