DRILL HOLES

BORDER REV. DATE: June 1, 2004

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EXISTING SIGNS

23,26 — Observation Drive — D3-2 DUAL-FACED VARIABLE X 16"

24,25 — ONLY — R3-5 30" x 36"

27 — LEFT TURN YIELD ON GREEN — R10-12 36" x 42"

EXISTING SIGNALS

1,2,3 — 12"

7 — 12"

4,5,8,10, 11,13,14 — 12"

6 — 12" 8"

9,12 — 8"

15-22 — 12"

d - VIDEO DETECTION CAMERA (d-d)

NEMA PHASING

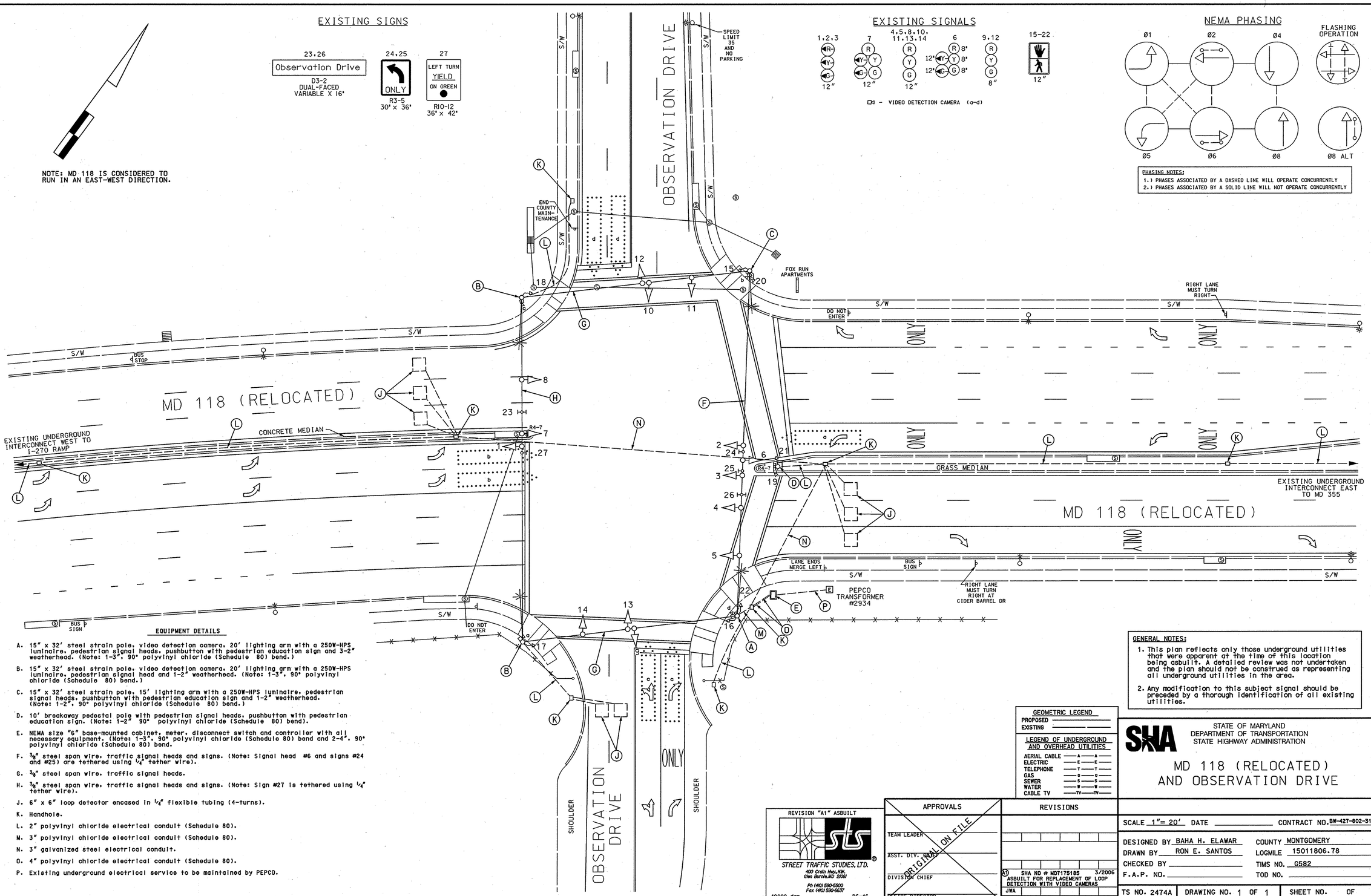
Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

Ø8 ALT

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

NOTE: MD 118 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.



EQUIPMENT DETAILS

A. 15" x 32' steel strain pole, video detection camera, 20' lighting arm with a 250W-HPS luminaire, pedestrian signal heads, pushbutton with pedestrian education sign and 3-2" weatherhead. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

B. 15" x 32' steel strain pole, video detection camera, 20' lighting arm with a 250W-HPS luminaire, pedestrian signal head and 1-2" weatherhead. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

C. 15" x 32' steel strain pole, 15' lighting arm with a 250W-HPS luminaire, pedestrian signal heads, pushbutton with pedestrian education sign and 1-2" weatherhead. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

D. 10' breakaway pedestal pole with pedestrian signal heads, pushbutton with pedestrian education sign. (Note: 1-2" 90° polyvinyl chloride (Schedule 80) bend).

E. NEMA size "6" base-mounted cabinet, meter, disconnect switch and controller with all necessary equipment. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend and 2-4", 90° polyvinyl chloride (Schedule 80) bend.

F. 3/8" steel span wire, traffic signal heads and signs. (Note: Signal head #6 and signs #24 and #25) are tethered using 1/4" tether wire).

G. 3/8" steel span wire, traffic signal heads.

H. 3/8" steel span wire, traffic signal heads and signs. (Note: Sign #27 is tethered using 1/4" tether wire).

J. 6" x 6" loop detector encased in 1/4" flexible tubing (4-turns).

K. Handhole.

L. 2" polyvinyl chloride electrical conduit (Schedule 80).

M. 3" polyvinyl chloride electrical conduit (Schedule 80).

N. 3" galvanized steel electrical conduit.

O. 4" polyvinyl chloride electrical conduit (Schedule 80).

P. Existing underground electrical service to be maintained by PEPCO.

GENERAL NOTES:
1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

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 —

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 118 (RELOCATED) AND OBSERVATION DRIVE

REVISION "A1" ASBUILT

STREET TRAFFIC STUDIES, LTD.
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Glen Burnie,MD 21061
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APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
A1 SHA NO # MD7175185 3/2006 ASBUILT FOR REPLACEMENT OF LOOP DETECTION WITH VIDEO CAMERAS
JWA

SCALE 1"= 20' DATE CONTRACT NO. BW-427-802-312
DESIGNED BY BAHA H. ELAWAR COUNTY MONTGOMERY
DRAWN BY RON E. SANTOS LOGMILE 15011806.78
CHECKED BY TIMS NO. G582
F.A.P. NO. TOD NO.

TS NO. 2474A | DRAWING NO. 1 OF 1 | SHEET NO. OF

PLOTTED: MONDAY, MARCH 27, 2006 AT 5:23:48 PM
FILE: 4900C.DGN