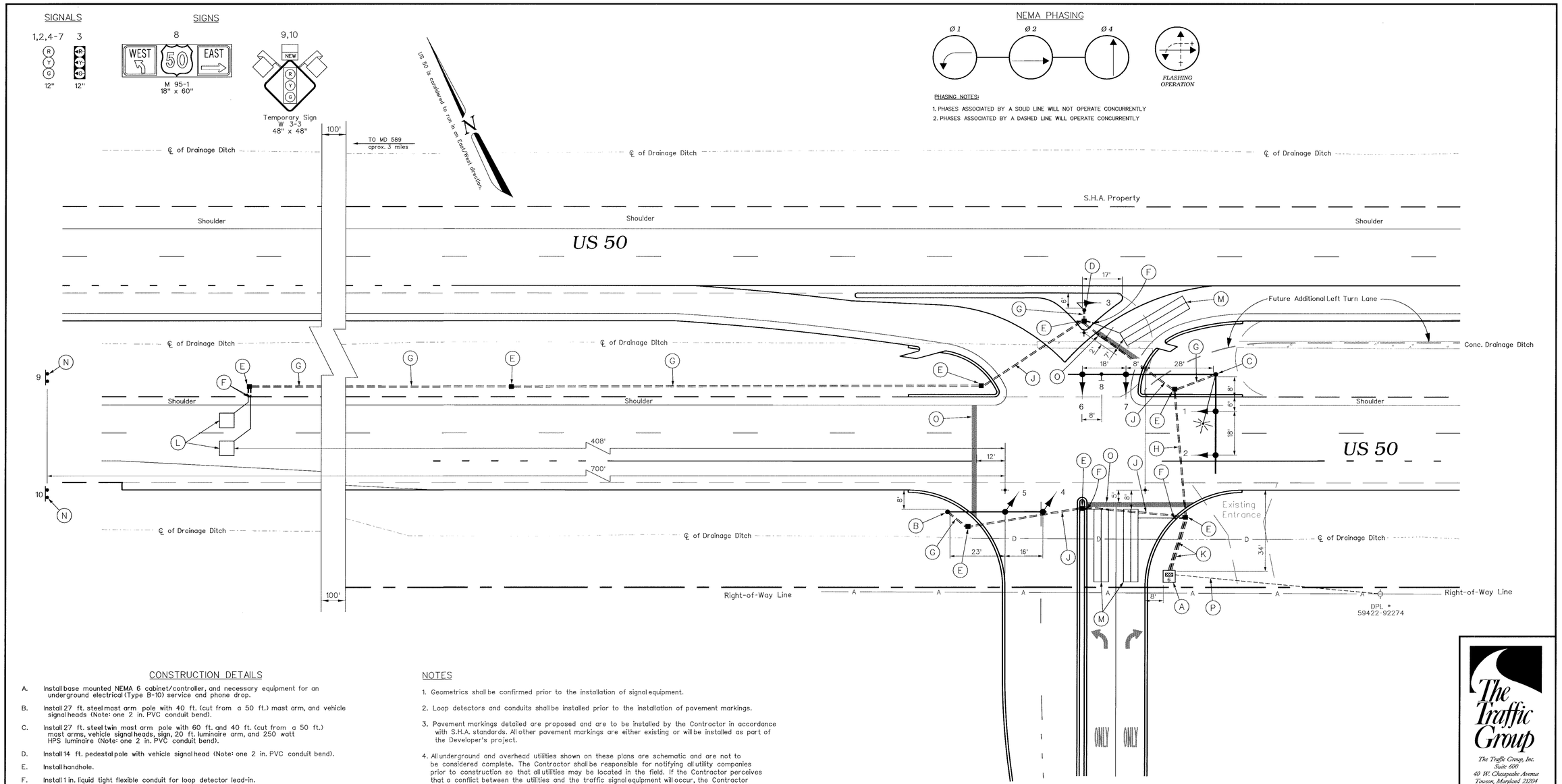

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical (Type B-10) service and phone drop.

B. Install 27 ft. steel mast arm pole with 40 ft. (cut from a 50 ft.) mast arm, and vehicle signal heads (Note: one 2 in. PVC conduit bend).

C. Install 27 ft. steel twin mast arm pole with 60 ft. and 40 ft. (cut from a 50 ft.) mast arms, vehicle signal heads, sign, 20 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 2 in. PVC conduit bend).

D. Install 14 ft. pedestal pole with vehicle signal head (Note: one 2 in. PVC conduit bend).

E. Install handhole.

F. Install 1 in. liquid tight flexible conduit for loop detector lead-in.

G. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - pushed.

J. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.

K. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

L. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).

M. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).

N. Install ground mounted sign as shown.

O. Install 24 in. wide pavement marking - white for stop line.

P. Proposed underground electrical service by DPL and phone service by BA-MD.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment.

2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.

3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings are either existing or will be installed as part of the Developer's project.

4. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies 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 equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

The Traffic Group

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Job. No. 980407
SIGPLAN.DGN

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
D — D	STORM DRAIN
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

REVISIONS

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION — 12-17-98

ASST. DISTRICT ENGINEER - TRAFFIC — 12/17/98

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 12/18/98

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT – STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

(Traffic Signal Plan)

US 50 at Ocean Landing

DATE: December 15, 1998

LOG MILE *

DRAWN BY: J. Dirndorfer

CHK. BY:

SCALE: 1" = 20'

F.A.P. NO. N/A

S.H.A. NO. BW996M82

COUNTY: WORCESTER

PLAN SHEET NO.: 3866

SHEET NO. 1 of 2

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