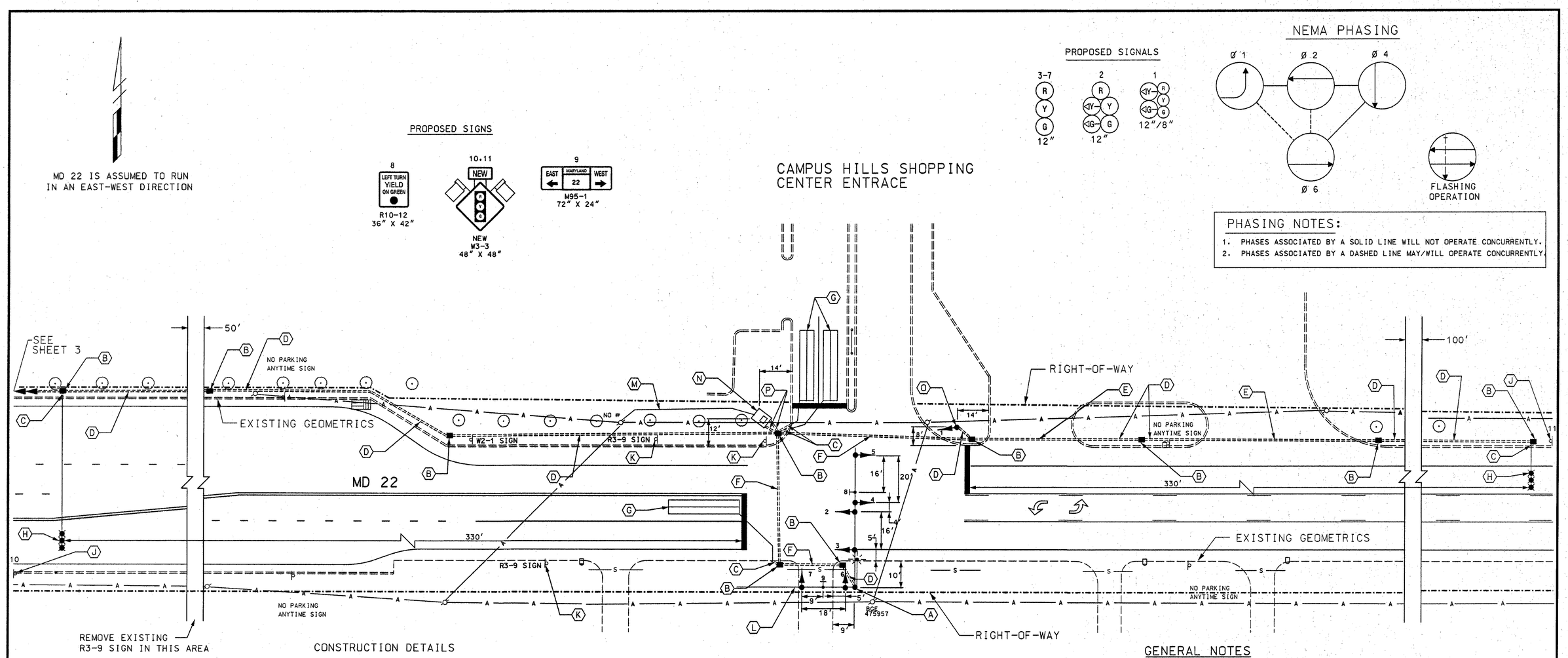

CONSTRUCTION DETAILS

A. FURNISH AND INSTALL MAST ARM POLE WITH TWIN 50/60 MAST ARMS, SIGNAL HEADS, SIGN, 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
B. INSTALL HANDHOLE
C. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
D. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
E. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED)
F. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED)
G. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1 / 4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
H. INSTALL NON-EVASIVE MICROLOOP PROBE
J. INSTALL W3-3 SIGNS ON ONE 4 IN. X 6 IN. POST APPROXIMATELY 500 FT. IN ADVANCE OF THE INTERSECTION
K. REMOVE EXISTING GROUND MOUNTED SIGN
L. CUT, CLEAN, GALVANIZE AND CAP MAST ARM
M. PROPOSED ELECTRICAL SERVICE BY BG&E AND PHONE DROP
N. INSTALL BASE MOUNTED CABINET AND CONTROLLER AND CONTROL AND DISTRIBUTION EQUIPMENT (NOTE: 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
O. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE AND POLE MOUNTED SIGNAL HEAD (NOTE: 1-2 IN. AND 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
P. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)

GENERAL NOTES

1. Install presence detectors 1 foot behind the stopline.
2. For pavement markings see sheet 3 of 3
3. For interconnect plan see sheet 3 of 3
4. The location of proposed geometrics must be confirmed by the Contractor prior to the installation of signal equipment.
5. Loop detectors and conduit shall be installed prior to the installation of pavement markings.
6. All signal equipment shall be installed to final grade.
7. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying Miss Utility prior to the construction so that all utilities may be located in the field. If the contractor perceives that a conflict between utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
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REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 5-11-01
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 5-11-01
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 5.15.01
	DIRECTOR, TRAFFIC & SAFETY 5.15.01

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 22 @ CAMPUS HILLS SHOPPING CENTER

DRAWN BY:	TMZ	F.A.P. NO.		TS NO. 4071	SHEET NO.
CHECKED BY:	KWS	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	HARFORD	T.I.M.S. NO. E188	1 OF 3
DATE:	2-1-01	LOG MILE:	12022004.43		