MD 26 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SPECIAL NOTES:

1. CONTACT CPT. WILLIAM WILEY III, OF THE LIBERTY ROAD VOLUNTEER FIRE COMPANY, AT (410) 887-0651 FOR EXACT PUSHBUTTON LOCATION WITHIN FIREHOUSE.
2. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.

SIGNS

3

FIREHOUSE SIGNAL

W11-8(1)
(6 FT. X 3 FT.)

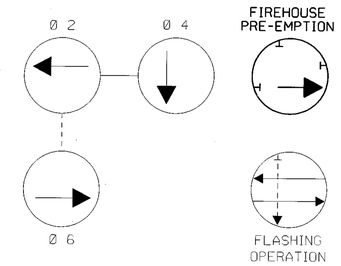
SIGNAL HEADS

1,2

R
Y
Y

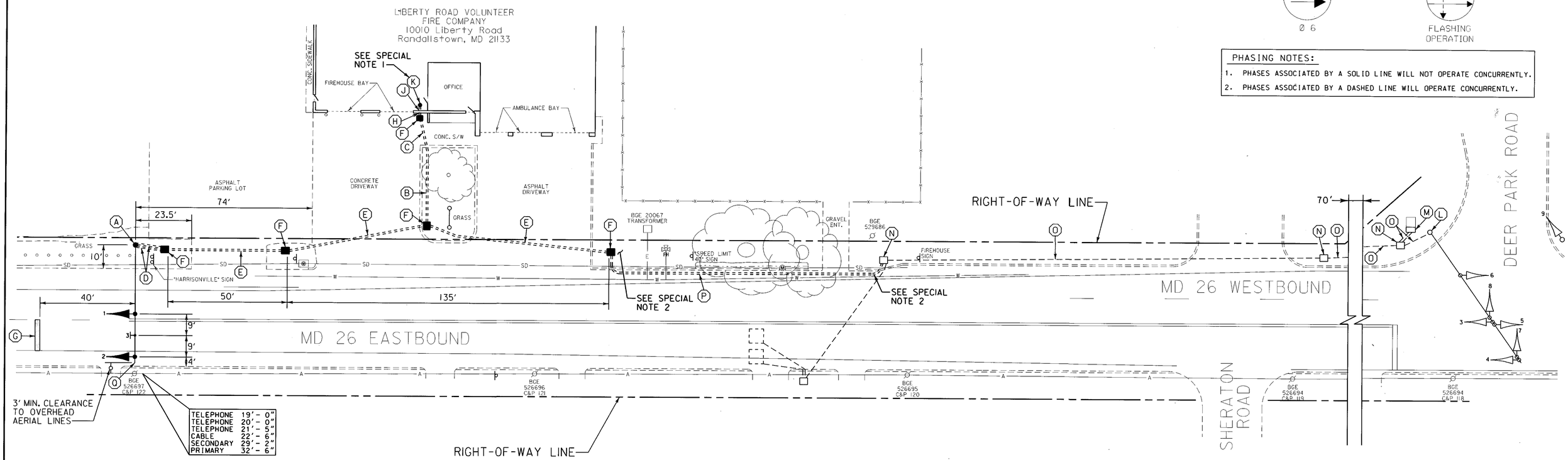
12"/8"

NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A 60 FT. (CUT TO 49 FT.) MAST ARM, TRAFFIC SIGNAL HEADS AND SIGN. (INSTALL 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE.)
B. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
C. REMOVE EXISTING SIDEWALK AND INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) AND REPLACE SIDEWALK.
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 HANDHOLE.
G. INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE).
H. INSTALL 3/4 IN. EMT CONDUIT THROUGH FIREHOUSE WALL. INSTALL JUNCTION BOX WHERE CONDUIT GOES THROUGH FIREHOUSE WALL. (NOTE: CONDUIT SHALL ENTER JUST ABOVE FIREHOUSE FLOOR)
J. ATTACH 3/4 IN. EMT CONDUIT VERTICALLY ONTO INTERIOR WALL OF FIREHOUSE UP TO PUSHBUTTON LOCATION.
K. INSTALL EMERGENCY SERVICE PUSHBUTTON.
L. USE EXISTING MAST ARM POLE AND INSTALL PHOTOCELL.
M. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
N. USE EXISTING HANDHOLE.
O. USE EXISTING CONDUIT.
P. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
Q. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.

GENERAL NOTES

1. 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.
2. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.
3. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS/DRIVEWAYS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
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Baltimore, Maryland 21218
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REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 12/3/01
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 12-3-01
	DIRECTOR, TRAFFIC & SAFETY 12-3-01

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 26 (LIBERTY ROAD) AT LIBERTY ROAD VOLUNTEER FIRE COMPANY

DRAWN BY:	S. BLOSS	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	N. LEARY	S.H.A. NO.	BA-766A-01	TS-3884X	1 OF 2
SCALE:	1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO.	
DATE:	12/3/01	LOG MILE:		E-775	

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