FHWA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.		1	2

SIGNALS

1,2,4,5 3,6 7,8,9,10, 11,12,13,14

12" 6" 12"

OPTICAL PRE-EMPTION DETECTOR EYE

PROPOSED VIDEO DETECTION a,b

SIGNS

15,23 ONE WAY R6-1(R) 36" x 12"

16 E. Washington St / W. Washington St D3-2 Var. x 32"

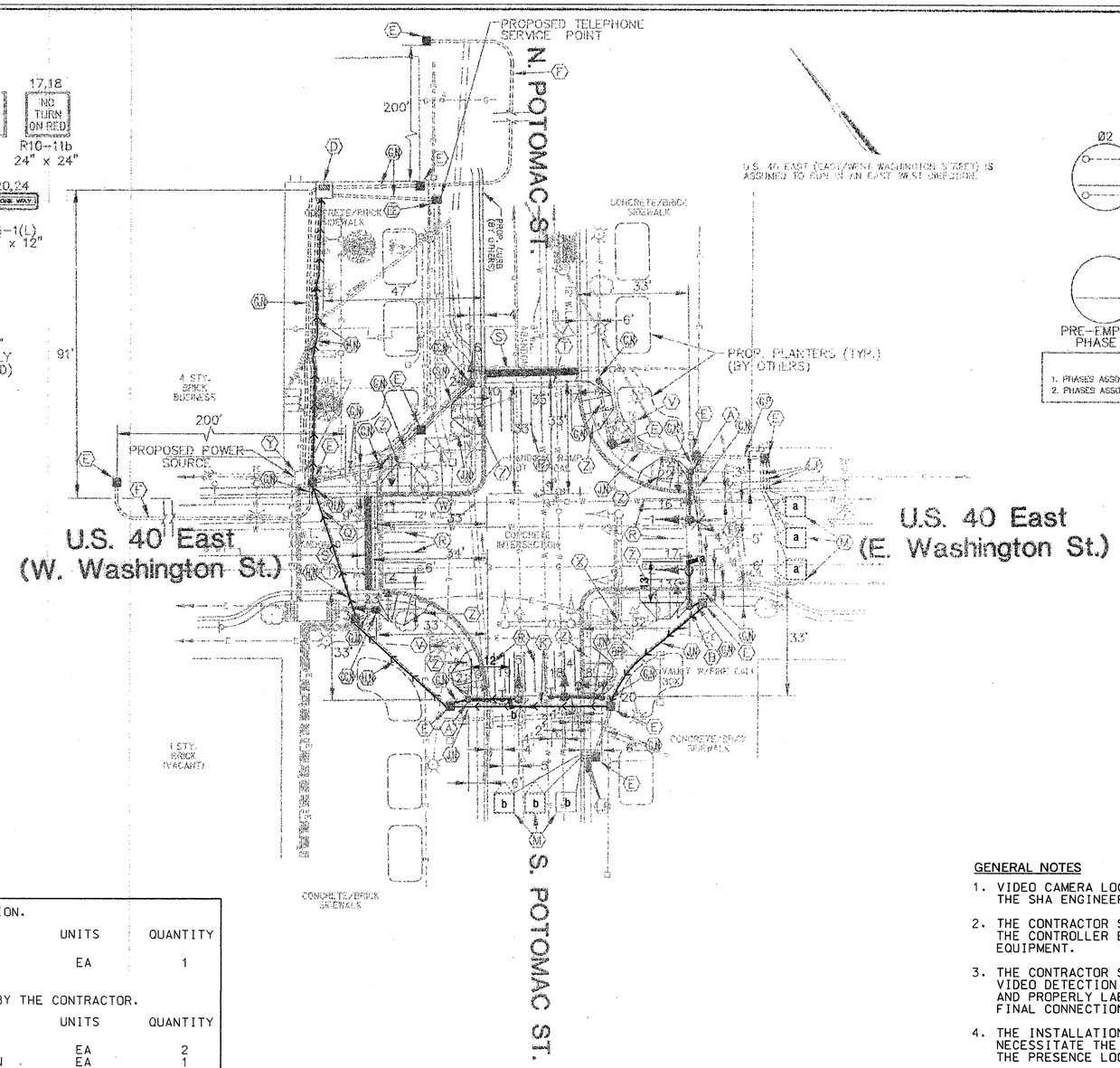
17,18 NO TURN ON RED R10-11b 24" x 24"

19 N. Potomac St / S. Potomac St D3-2 Var. x 32"

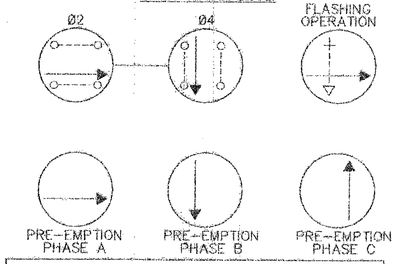
20,24 ONE WAY R6-1(L) 36" x 12"

21 R3-1 24" x 24" (INTERNALLY ILLUMINATED)

22 R3-1 24" x 24" (INTERNALLY ILLUMINATED)



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

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
9086	VIDEO DETECTION INTERFACE EQUIPMENT 1-4 CAMERAS	EA	1

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
8058	VIDEO DETECTION CAMERA	EA	2
8009	CONTROL CABLE, 300 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	1
8021	CONTROL CABLE, 500 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	1

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

VIDEO CAMERA LEGEND

= VIDEO CABLE (PATH TO CONTROLLER)

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
	STORM DRAIN
TV	CABLE TELEVISION
E	ELECTRIC CABLES
T	TELEPHONE CABLES
A	AERIAL CABLES

FILE: F:\2002\12 2001-12c\task35\dgn\us40ebepotomacst.dgn
DATE: 31-AUG-04 09:41

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS

0	INSTALL VIDEO DETECTION SHA No. AT3088185	10/04/04
SWA		

APPROVALS

CHIEF, SIGNAL DESIGN SECTION 6/6/97

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 6/6/97

DIRECTOR, OFFICE OF TRAFFIC & SAFETY 6/6/97

SHA: LWA190A5418B54 JOB: AT308-27

SHA MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE NO. 21040036.08

DRAWN BY: R. ISAACS
DES. BY: J. LAWRENCE
CHK. BY: 5-29-97

US 40 East (East/West Washington St.) at North/South Potomac St.

TIMS # G595 COUNTY: WASHINGTON

DATE: 5/97
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NOS: AW1065A5D, AW1065B5D

TS/STD. NO. 3667A

SHEET NO. 1 OF 2