MD 24 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS

1,2,5,6 — JR, JY, JG — 12"

9,11 — R, JY, Y, JG, G — 12"

3,4,7,8,10,12 — R, Y, G — 12"

EXISTING SIGNS

18,20 — ONLY — R3-5R 30" x 36"

13,15 — LEFT ON GREEN ARROW ONLY — R10-5 30" x 36"

14,16 — Singer RD — D-3(1) DUAL FACE VAR" x 16"

19,21 — ONE WAY — R6-1L 36" x 12"

17,22 — ONE WAY — R6-1R 36" x 12"

PROPOSED OPTICOM DETECTOR EYE

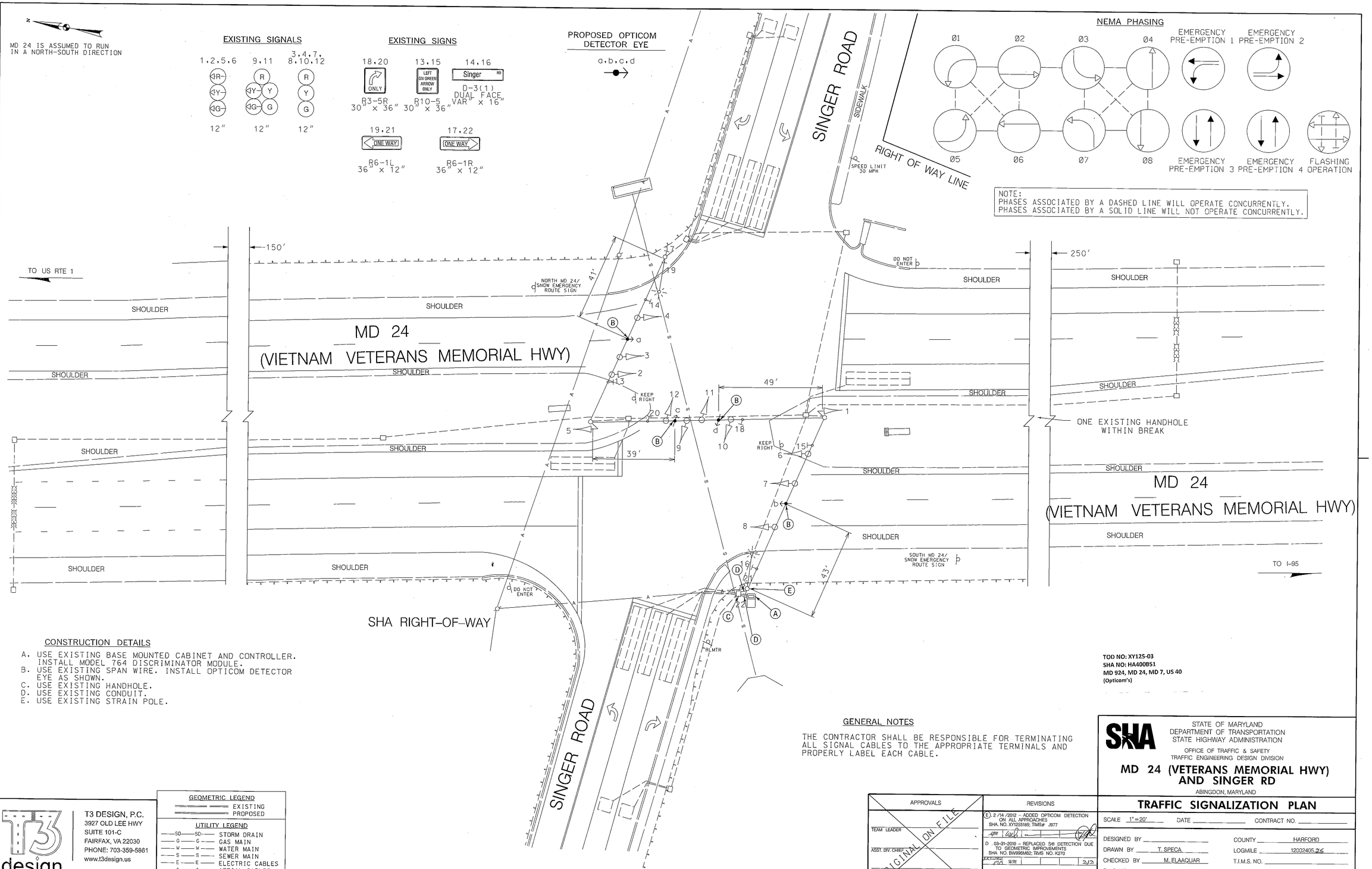
a,b,c,d

NEMA PHASING

Ø1, Ø2, Ø3, Ø4, Ø5, Ø6, Ø7, Ø8

EMERGENCY PRE-EMPTION 1
EMERGENCY PRE-EMPTION 2
EMERGENCY PRE-EMPTION 3
EMERGENCY PRE-EMPTION 4
FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. INSTALL MODEL 764 DISCRIMINATOR MODULE.
B. USE EXISTING SPAN WIRE. INSTALL OPTICOM DETECTOR EYE AS SHOWN.
C. USE EXISTING HANDHOLE.
D. USE EXISTING CONDUIT.
E. USE EXISTING STRAIN POLE.

TOD NO: XY125-03
SHA NO: HA400B51
MD 924, MD 24, MD 7, US 40
(Opticom's)

GENERAL NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

T3 DESIGN, P.C.
3927 OLD LEE HWY
SUITE 101-C
FAIRFAX, VA 22030
PHONE: 703-359-5861
www.t3design.us

BY: swilkening

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

APPROVALS
ORIGINAL ON FILE
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
E. 2 /14 /2012 – ADDED OPTICOM DETECTION ON ALL APPROACHES SHA. NO. XY125B85; TIMS# J977
D . 03-31-2010 – REPLACED S/B DETECTION DUE TO GEOMETRIC IMPROVEMENTS SHA NO. BW998M82; TIMS NO. K270
C . 10-04-2002 – REPLACE N/B PASSAGE DETECTORS DUE TO WIDENING SHA NO. BW996M82

PLOTTED: Friday, March 02, 2012 AT 12:18 PM
FILE: Y:\12-0277-198 Opticom Install\CADD\04 – MD 24 @ Singer.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 24 (VETERANS MEMORIAL HWY) AND SINGER RD

ABINGDON, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE _____ CONTRACT NO. _____

DESIGNED BY _____ COUNTY HARFORD
DRAWN BY T. SPECA LOGMILE 12002405.26
CHECKED BY M. ELAAQUAR T.I.M.S. NO. _____
F.A.P. NO. _____ TOD NO. _____

TS NO. 2493 E | DRAWING TSP – 4 OF 15 | SHEET NO. 4 OF 15