MD 404 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS TO REMAIN

11 Double Hills RD

12 Double Hills RD

13 ONLY

14 EAST MARYLAND 404

17 WEST MARYLAND 404

19 EAST MARYLAND 404 MARYLAND 16

20 EAST MARYLAND 404 MARYLAND 16

18 TO WEST 50

22 WEST MARYLAND 404

21 WEST MARYLAND 16

EXISTING SIGNALS TO REMAIN

2,5 3,6-10

EXISTING SIGNALS TO BE REMOVED

EXISTING VIDEO DETECTION CAMERAS TO REMAIN

a,b,c,d

EXISTING VIDEO DETECTION ZONES

a,b,c,d

PROPOSED LED SIGNALS

1,4

8"/12"

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

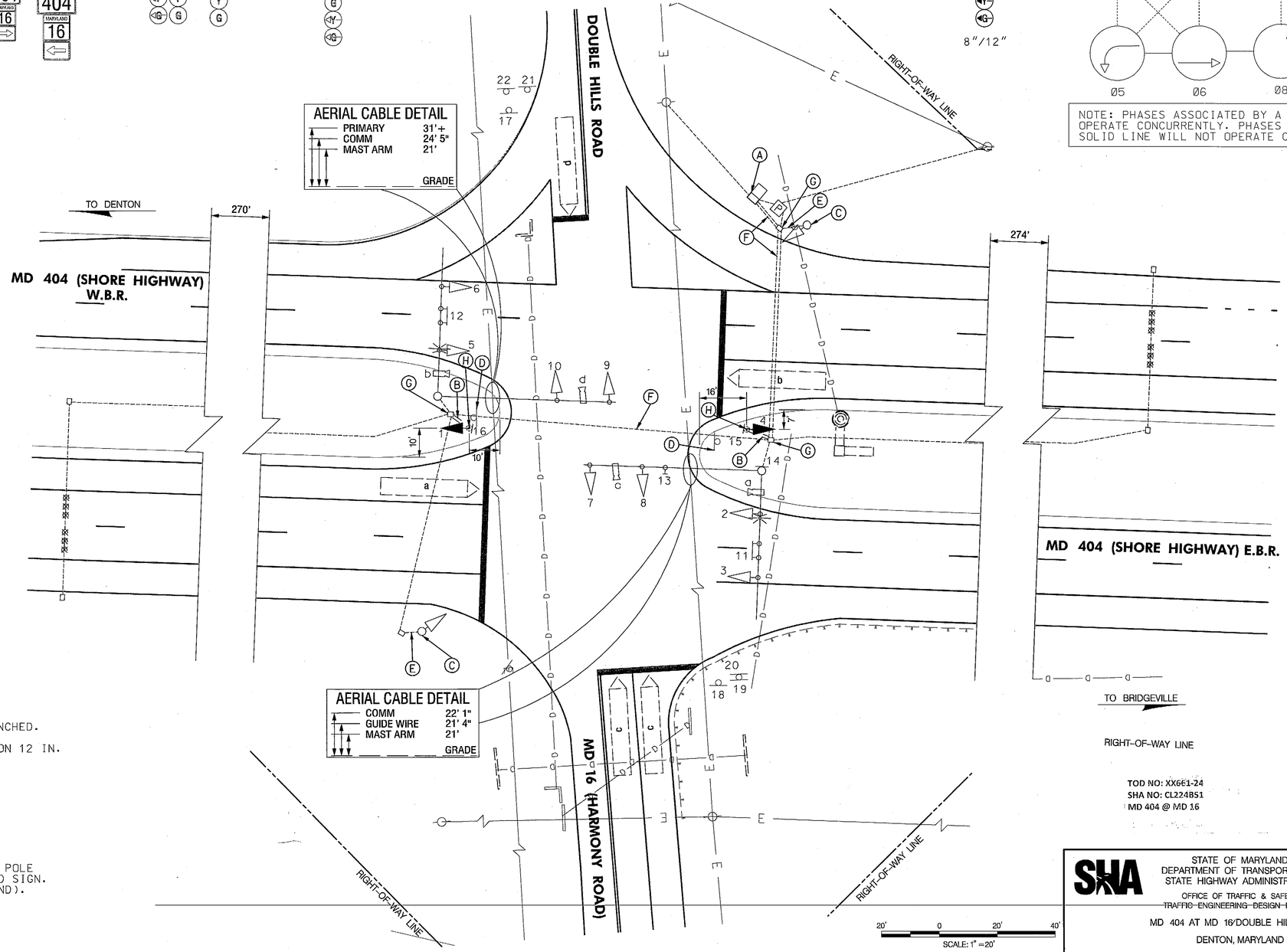
NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNS TO REMOVE

PROPOSED SIGNS

15,16

R4-7 24"X30" AT 15 DEG



20' 0 20' 40'

SCALE: 1" = 20'

CONSTRUCTION DETAILS

(A) USE EXISTING CABINET.

(B) INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED.

(C) REMOVE EXISTING SIGNAL POLE, SIGNAL HEAD, AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

(D) REMOVE EXISTING SIGN AND SUPPORT.

(E) CAP AND ABANDON EXISTING CONDUIT.

(F) USE EXISTING CONDUIT.

(G) USE EXISTING HANDHOLE.

(H) INSTALL CONCRETE FOUNDATION WITH 14 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, SIGNAL HEAD (SIDE POLE MOUNT), AND SIGN. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).

GEOMETRIC LEGEND

EXISTING

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

BY: wkocher –

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

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

REVISIONS			
(D) SIGNAL MODIFICATION		TIMS NO. L231	
SHA NO. XX6615185		03-2012	
SWA	TDS	MLP	MLP
C SIGNAL RECONSTRUCTION			
SHA NO. C03215270		04/05	
SWA			

FLOTTED: Thursday, March 01, 2012 AT 01:49 PM
FILE: R:\2008\73 SHA BCS 2009-05A_TEDD DESIGN_STV_JV__$SM\Task 201 MD 404 at MD 16 Signal\dwg\pSG-P001_L231.dgn

TOD NO: XX661-24
SHA NO: CL224B51
MD 404 @ MD 16

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

MD 404 AT MD 16/DOUBLE HILLS ROAD
DENTON, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 10/7/1975 CONTRACT NO. CO456X-000-285

DESIGNED BY	B. THOMPSON	COUNTY	CAROLINE
DRAWN BY	W. MILLER	LOGMILE	05040411.02
CHECKED BY	A. BUDNICHICK	T.I.M.S. NO.	
F.A.P. NO.	SEE TITLE SHEET	TOD NO.	

TS NO. 1378 (D)	DRAWING NO. pSG OF P001	SHEET NO. 1 OF 2