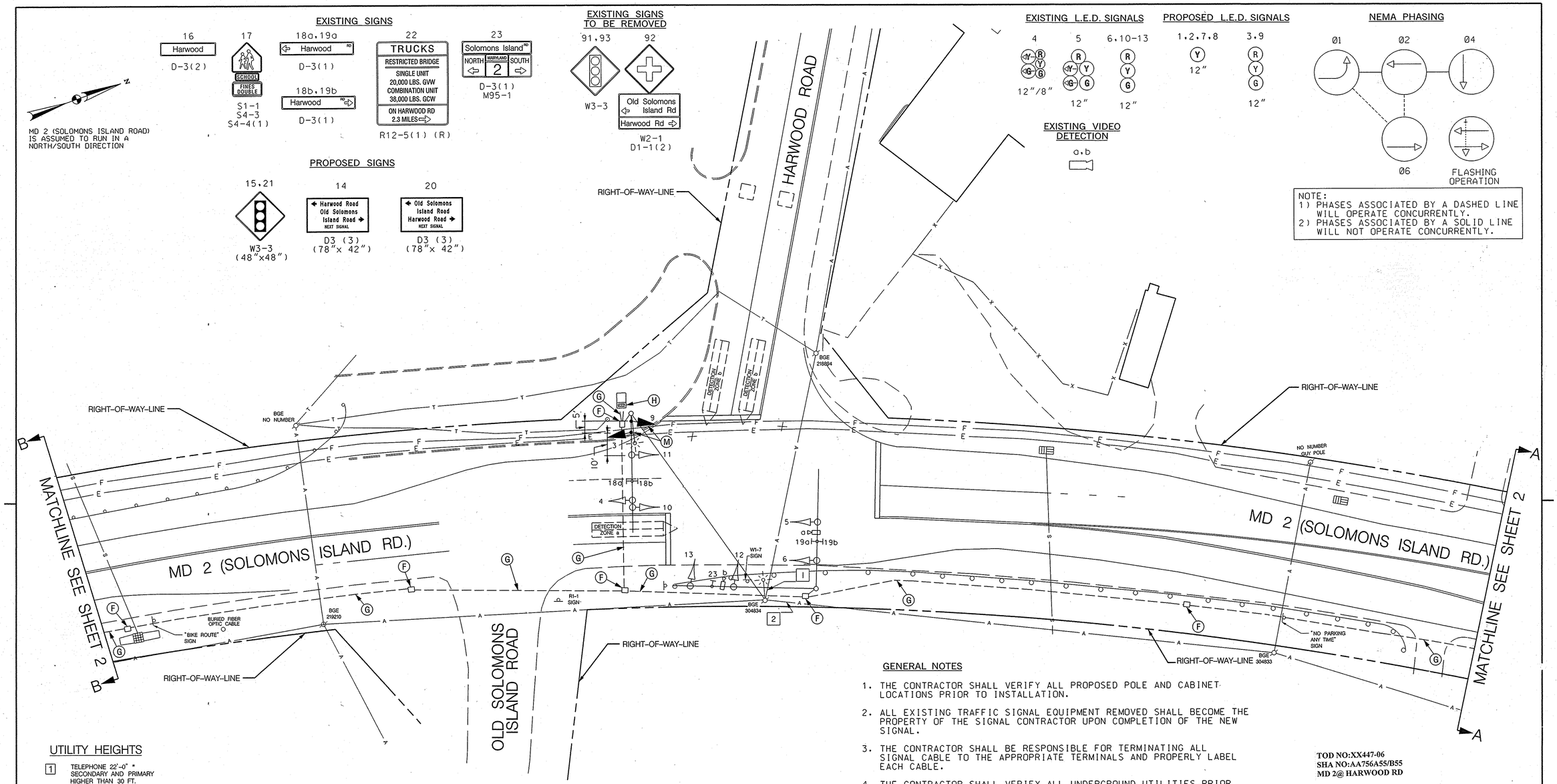

MD 2 (SOLOMONS ISLAND ROAD) IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

UTILITY HEIGHTS

1 TELEPHONE 22'-0" * SECONDARY AND PRIMARY HIGHER THAN 30 FT.

2 TELEPHONE 23'-0" PRIMARY HIGHER THAN 37 FT.

* MEASURED AT WHITE LINE

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

CONSTRUCTION DETAILS

A. REMOVE EXISTING HAZARD IDENTIFICATION BEACON AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
B. INSTALL CONCRETE FOUNDATION FOR A 16' 6" STEEL POLE (SPECIAL "T") AND A 60 FT. MAST ARM (CUT TO 40 FT.) WITH SIGNAL HEADS AND SIGN AS SHOWN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
D. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED
E. INSTALL HANDHOLE.
F. USE EXISTING HANDHOLE.
G. USE EXISTING CONDUIT.
H. USE EXISTING CABINET AND CONTROLLER.
J. REMOVE EXISTING HANDHOLE.
K. CAP AND ABANDON EXISTING CONDUIT.
L. INSTALL CONCRETE FOUNDATION FOR A 14 FT. BREAKAWAY PEDESTAL POLE WITH SIGNAL HEADS AND SIGN AS SHOWN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
M. INSTALL L.E.D. TRAFFIC SIGNAL HEAD AS SHOWN.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
5. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

TOD NO:XX447-06
SHA NO:AA756A55/B55
MD 2@ HARWOOD RD

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

MD 2 (SOLOMONS ISLAND ROAD) AND HARWOOD ROAD

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 5-16-06 CONTRACT NO. BW996M82

DESIGNED BY T. ZAYDEL
DRAWN BY T. ZAYDEL
CHECKED BY K. SCHMID
F.A.P. NO. N/A
COUNTY ANNE ARUNDEL
LOGMILE 02000211.07
T.I.M.S. NO. 1695
TOD NO.

DRAWING NO. TS 4489A OF SHEET NO. 1 OF 3

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

REVISIONS: © AUGUST 2008 SHA NO: 44755185 RELOCATE EXISTING HB'S TO FURTHER FROM INTERSECTION. M.H. MF KS

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PLOTTED: FRIDAY, SEPTEMBER 05, 2008 AT 03:41 PM
FILE: P:\04-005 SIGNALS\MD 2 @ HARWOOD RD\DRAWINGS\CADD\WORKING\PSG-P000_MD2@HARWOOD RD.DGN

BY: NITESH