MD 177 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

EXISTING SIGNS

21-22 STOP R1-1

23 WEST MARYLAND 177 — ASSOCIATED ASSEMBLY SIGN 48" x 75"

24 EAST MARYLAND 177 — ASSOCIATED ASSEMBLY SIGN 48" x 75"

PROPOSED SIGNALS & SIGNS

1-10 R Y G 12"

11a,12b ← Elizabeth Rd / Magothy Beach Rd — D3-2 32" x Var.

11b,12a Magothy Beach Rd / Elizabeth Rd → — D3-2 32" x Var.

13 EAST MARYLAND 177 ← — ASSOCIATED ASSEMBLY SIGN 30" x 51"

14 WEST MARYLAND 177 → — ASSOCIATED ASSEMBLY SIGN 48" x 75"

15 WEST MARYLAND 177 ← — ASSOCIATED ASSEMBLY SIGN 30" x 51"

16 EAST MARYLAND 177 → — ASSOCIATED ASSEMBLY SIGN 48" x 75"

17,18 NEW — W3-3 "NEW" 48" x 48"

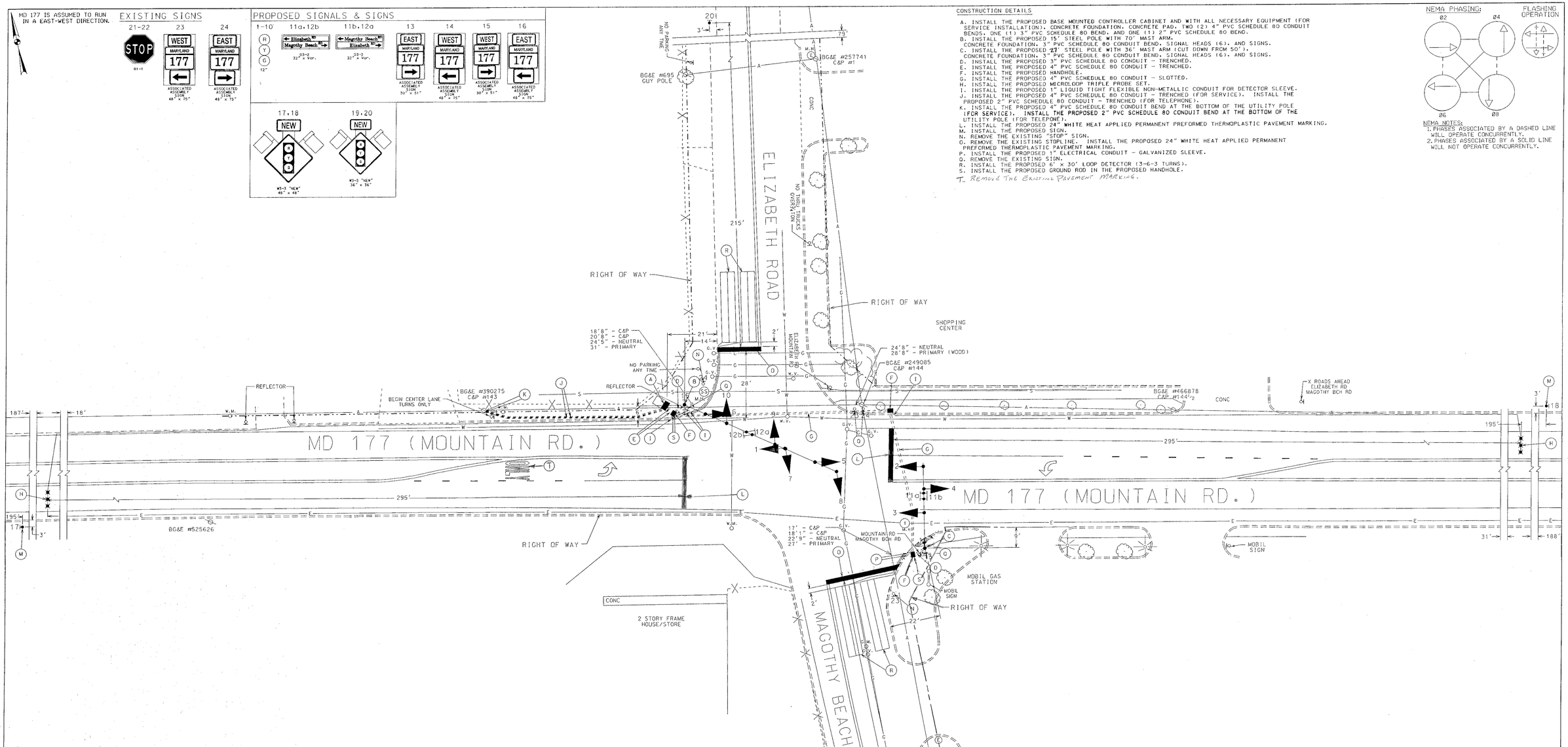
19,20 NEW — W3-3 "NEW" 36" x 36"

CONSTRUCTION DETAILS

A. INSTALL THE PROPOSED BASE MOUNTED CONTROLLER CABINET AND WITH ALL NECESSARY EQUIPMENT (FOR SERVICE INSTALLATION). CONCRETE FOUNDATION. CONCRETE PAD. TWO (2) 4" PVC SCHEDULE 80 CONDUIT BENDS. ONE (1) 3" PVC SCHEDULE 80 BEND. AND ONE (1) 2" PVC SCHEDULE 80 BEND.
B. INSTALL THE PROPOSED 15' STEEL POLE WITH 70' MAST ARM. CONCRETE FOUNDATION. 3" PVC SCHEDULE 80 CONDUIT BEND. SIGNAL HEADS (6). AND SIGNS.
C. INSTALL THE PROPOSED 27' STEEL POLE WITH 36' MAST ARM (CUT DOWN FROM 50'). CONCRETE FOUNDATION. 3" PVC SCHEDULE 80 CONDUIT BEND. SIGNAL HEADS (6). AND SIGNS.
D. INSTALL THE PROPOSED 3" PVC SCHEDULE 80 CONDUIT - TRENCHED.
E. INSTALL THE PROPOSED 4" PVC SCHEDULE 80 CONDUIT - TRENCHED.
F. INSTALL THE PROPOSED HANDHOLE.
G. INSTALL THE PROPOSED 4" PVC SCHEDULE 80 CONDUIT - SLOTTED.
H. INSTALL THE PROPOSED MICROLOOP TRIPLE PROBE SET.
I. INSTALL THE PROPOSED 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
J. INSTALL THE PROPOSED 4" PVC SCHEDULE 80 CONDUIT - TRENCHED (FOR SERVICE). INSTALL THE PROPOSED 2" PVC SCHEDULE 80 CONDUIT - TRENCHED (FOR TELEPHONE).
K. INSTALL THE PROPOSED 4" PVC SCHEDULE 80 CONDUIT BEND AT THE BOTTOM OF THE UTILITY POLE (FOR SERVICE). INSTALL THE PROPOSED 2" PVC SCHEDULE 80 CONDUIT BEND AT THE BOTTOM OF THE UTILITY POLE (FOR TELEPONE).
L. INSTALL THE PROPOSED 24" WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
M. INSTALL THE PROPOSED SIGN.
N. REMOVE THE EXISTING "STOP" SIGN.
O. REMOVE THE EXISTING STOPLINE. INSTALL THE PROPOSED 24" WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
P. INSTALL THE PROPOSED 1" ELECTRICAL CONDUIT - GALVANIZED SLEEVE.
Q. REMOVE THE EXISTING SIGN.
R. INSTALL THE PROPOSED 6' x 30' LOOP DETECTOR (3-6-3 TURNS).
S. INSTALL THE PROPOSED GROUND ROD IN THE PROPOSED HANDHOLE.
T. REMOVE THE EXISTING PAVEMENT MARKING.

NEMA PHASING:

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



UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES
—D—D—	STORM DRAIN

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 2-8-02
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 2/14/02
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 2/14/02
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY 2/14

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 177 and ELIZABETH ROAD/ MAGOTHY BEACH ROAD
JACOBSVILLE, MARYLAND

DRAWN BY:	F.A.P. NO. AAD87A52 TS52	T.S. NO. TS-4077	SHEET NO.
CHECKED BY:	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY ANNE ARUNDEL	T.I.M.S. NO. F416	1 OF 2
DATE: 05/ 2001	LOG MILE 02017704.51		