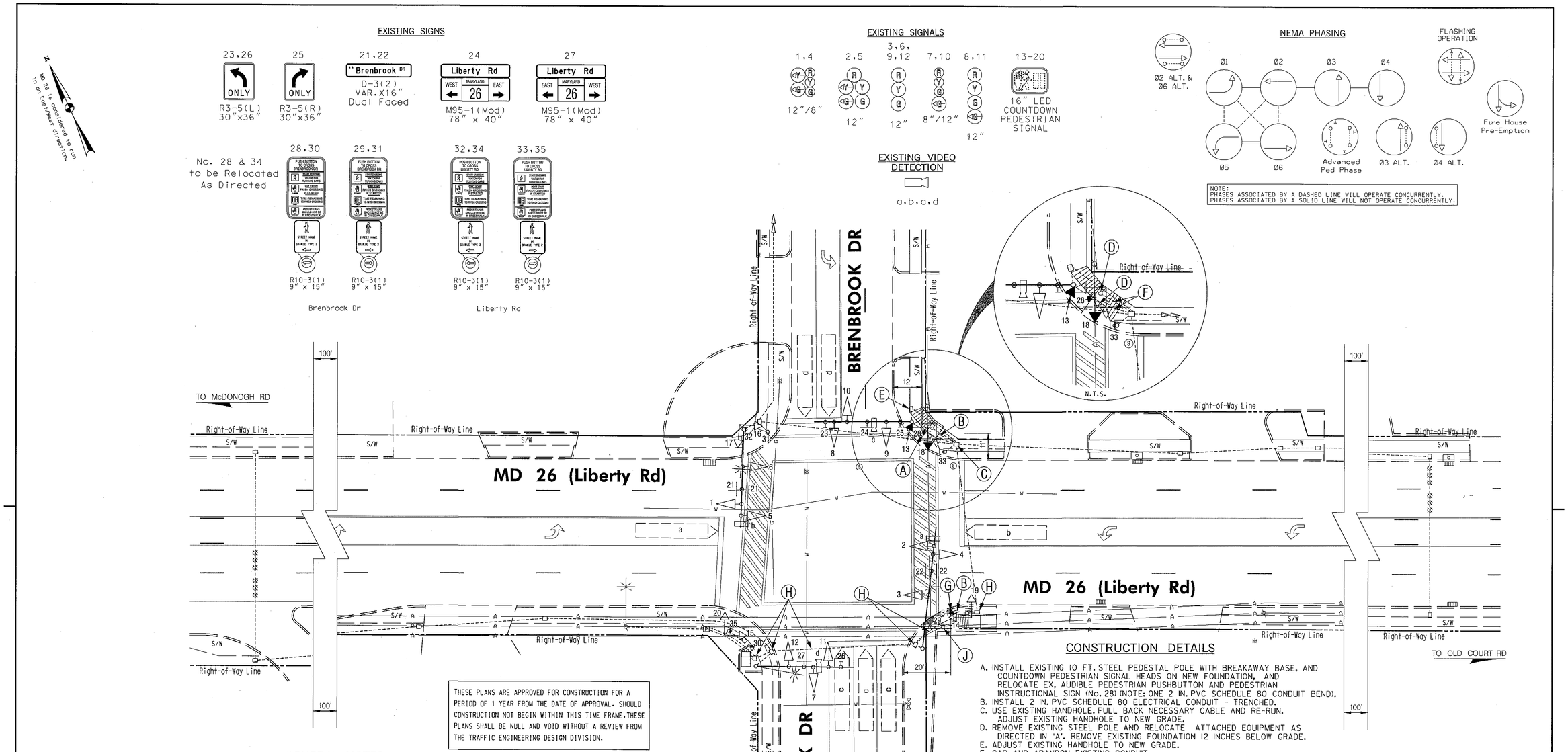

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME, THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

CONSTRUCTION DETAILS

A. INSTALL EXISTING 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, AND COUNTDOWN PEDESTRIAN SIGNAL HEADS ON NEW FOUNDATION, AND RELOCATE EX. AUDIBLE PEDESTRIAN PUSHBUTTON AND PEDESTRIAN INSTRUCTIONAL SIGN (No. 28) (NOTE: ONE 2 IN. PVC SCHEDULE 80 CONDUIT BEND).
B. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
C. USE EXISTING HANDHOLE. PULL BACK NECESSARY CABLE AND RE-RUN. ADJUST EXISTING HANDHOLE TO NEW GRADE.
D. REMOVE EXISTING STEEL POLE AND RELOCATE ATTACHED EQUIPMENT AS DIRECTED IN "A". REMOVE EXISTING FOUNDATION 12 INCHES BELOW GRADE.
E. ADJUST EXISTING HANDHOLE TO NEW GRADE.
F. CAP AND ABANDON EXISTING CONDUIT.
G. INSTALL 5 FT. STEEL PEDESTAL POLE WITH BREAKAWAY COUPLING BASE, AND RELOCATE EX. AUDIBLE PEDESTRIAN PUSHBUTTON AND PEDESTRIAN INSTRUCTIONAL SIGN (No. 34) (NOTE: ONE 2 IN. PVC SCHEDULE 80 CONDUIT BEND). APS PUSHBUTTON TO BE REPROGRAMMED BY MD-SHA SIGNAL SHOP.
H. USE EXISTING TRAFFIC SIGNAL EQUIPMENT TO INSTALL NEW TRAFFIC SIGNAL CABLE.
J. EXISTING APS PUSHBUTTON TO BE REPROGRAMMED BY MD-SHA SIGNAL SHOP.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY PROPOSED POLE LOCATION PRIOR TO INSTALLATION.
2. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT 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.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
4. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18 IN. FROM A 60 IN. x 60 IN. LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
5. THE 10 FT. SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
6. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
7. THE LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.08; 4E.10; FIG 4E-3; FIG 4E-4; AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

PROFESSIONAL CERTIFICATION –
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 31757
EXPIRATION DATE: 6/28/2015
Fu-Hsing Wuang

The Traffic Group, Inc.
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"Merging Innovation and Excellence"®

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

PLOTTED BY: JDimdorfer

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

REVISIONS
G Relocate pedestrian signal equipment in NE corner.
SHA No. BW996M82 TIMS# L912 July 16, 2013
TTG JD MLP
F Reconstruction of Traffic Signal
SHA No. AT7175185 TIMS# G503 March 1, 2005
SWA J.T. DJD DAZ BRK
E Install Advance Ped Phase Across MD 26 TIMS# F623 July, 2003
DBD DJD DAZ BRK

MD-AMD Tracking No.: 11APBA00812

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

MD 26 (Liberty Road) at BRENBROOK DRIVE
RANDALLSTOWN, MD

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE March 31, 1970 CONTRACT NO. BW996M82
DESIGNED BY Flanigan COUNTY BALTIMORE
DRAWN BY Flanigan LOGMILE 03002605.94
CHECKED BY N/A TIMS NO.
F.A.P. NO. N/A TOD NO. N/A
TS NO. 555-G DRAWING SG – 01 OF 01 SHEET NO. 1 OF 2

PLOTTED: Tuesday, July 16, 2013 AT 12:20 PM
FILE: F:\2004\2004-0915\Des\TEDD\Signal plan.dgn