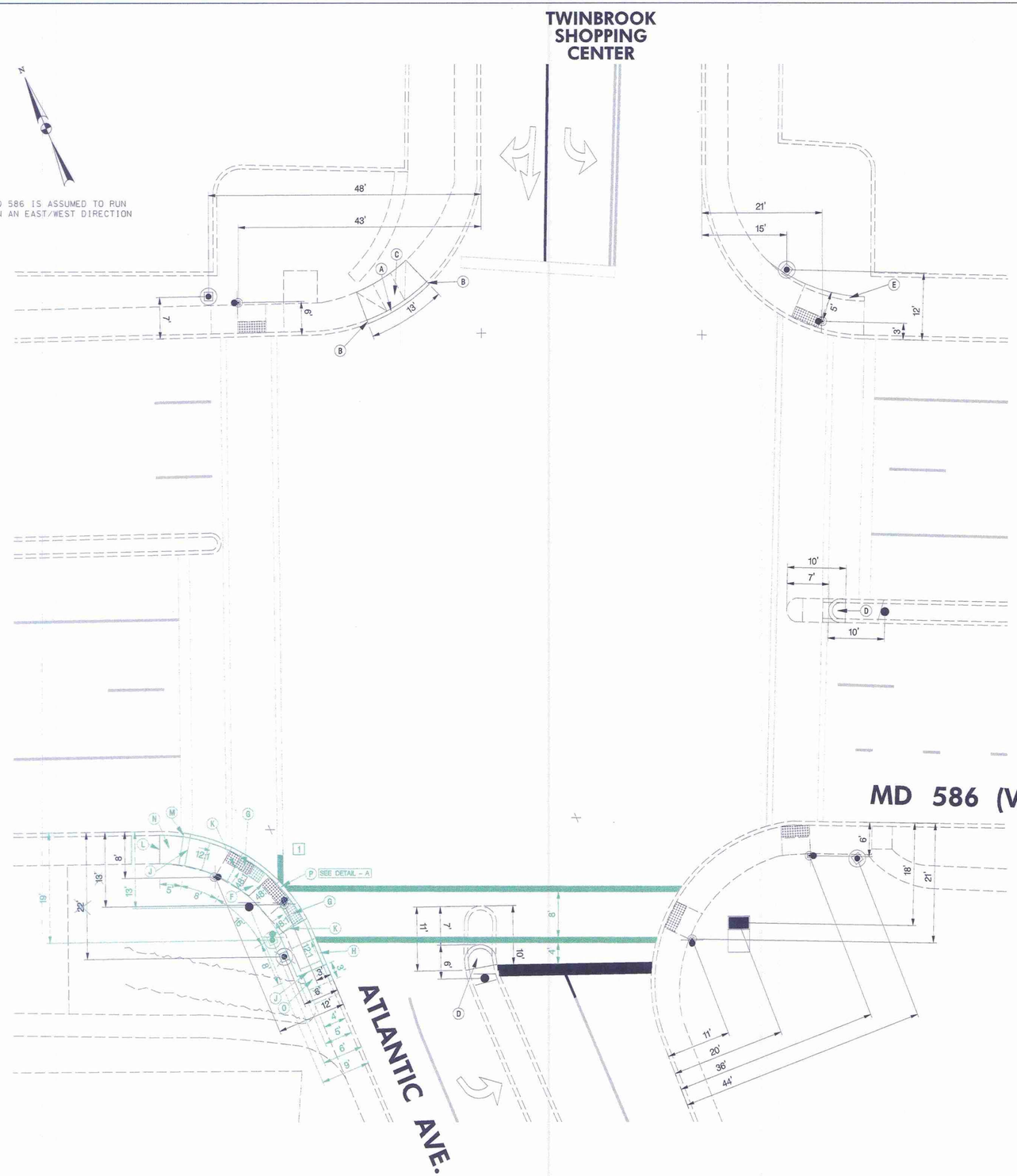

APS NOTES:

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

   TO CROSS VEIRS MILL RD AT ATLANTIC AVE.

   A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
   "WAIT TO CROSS VEIRS MILL AT ATLANTIC."
   B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

   TO CROSS ATLANTIC AVE AT VEIRS MILL RD.

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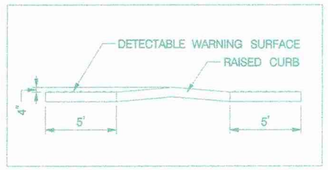
GEOMETRIC CONSTRUCTION DETAILS:

A. REMOVE EXISTING DEPRESSED CURB AND INSTALL STANDARD TYPE A CURB AND GUTTER (STANDARD NO. MD 620.02).
B. TIE TO EXISTING CURB JOINT.
C. REMOVE EXISTING SIDEWALK RAMP AND REPLACE WITH CONCRETE SIDEWALK.
D. CUT BACK EXISTING MEDIAN NOSE AND INSTALL NEW TYPE 'A' ISOMETRIC-NOSE DOWN (STANDARD NO. MD 645.01)
E. INSTALL 5 INCH CONCRETE SIDEWALK (MATCH EXISTING SIDEWALK GRADE).
[1] F. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
G. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
H. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
J. BEGIN 12:1 RAMP
K. BEGIN 48:1 LEVEL LANDING AREA.
L. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
M. TIE NEW CURB TO EXISTING CURB AT JOINT.
N. REMOVE EXISTING RAMP, INSTALL NEW SIDEWALK AND TIE TO EXISTING SIDEWALK.
O. REMOVE EXISTING RAMP, INSTALL NEW SIDEWALK AND TIE TO EXISTING DRAINAGE PLATE.
P. INSTALL CURB AND GUTTER PER DETAIL - A.

[1] **GREEN LINE REVISION NO. 1**
8/2/2010

INSTALL ADA RAMPS IN SOUTHEAST QUADRANT AND RELOCATE MAST ARM POLE

TEDD APPROVAL: 8/16/2010



"RADIUS CURB DETAIL BETWEEN DETECTABLE WARNING SURFACE TYPICAL"
DETAIL – A
(SCALE: 1" = 5')

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

MD 586 (VEIRS MILL RD) AND ATLANTIC AVENUE
TRAFFIC SIGNAL RECONSTRUCTION
ROCKVILLE, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' ADVERTISED DATE 03/2010 CONTRACT NO. XX3515168

DESIGNED BY X.M. COUNTY MONTGOMERY
DRAWN BY X.M. LOGMILE 15058601.25
CHECKED BY J.B. TIMS NO. J551
F.A.P. NO. TOD NO.

TS NO. 804B | DRAWING – OF | SHEET NO. 2 OF 3

BRUDIS & ASSOCIATES, INC.
Consulting Engineers
9240 Rumsey Road; Suite C
Columbia, Maryland 21045
Phone 410-884-3607
www.brudis.com

PLOTTED: ***±*, **** 11, 2010 AT 03:35 ****
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BY: xiaoyu –