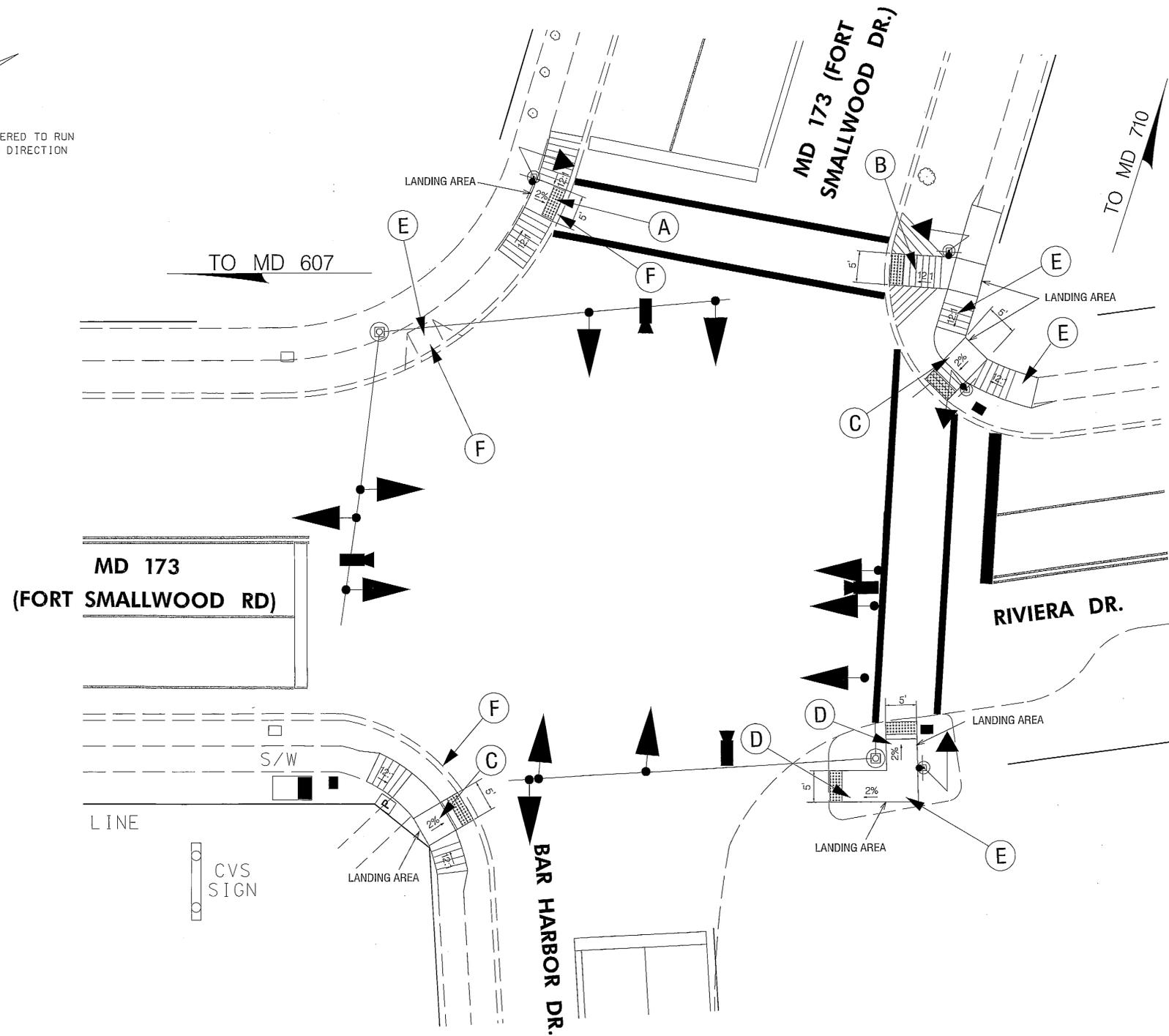


MD 173 IS CONSIDERED TO RUN
IN A NORTH-SOUTH DIRECTION



GEOMETRIC CONSTRUCTION DETAILS

- A. INSTALL PARALLEL HANDICAP RAMP (MD 655.12) W/DETECTABLE WARNING SURFACE (MD 655.40).
- B. INSTALL PERPENDICULAR HANDICAP RAMP (MD 620.11) W/DETECTABLE WARNING SURFACE (MD 655.40).
- C. INSTALL COMBINATION HANDICAP RAMP (MD 655.13) W/DETECTABLE WARNING SURFACE (MD 655.40).
- D. INSTALL MEDIAN HANDICAP RAMP (MD 655.22) W/DETECTABLE WARNING SURFACE (MD 655.40).
- E. INSTALL 5 FT WIDE SIDEWALK.
- F. INSTALL STANDARD TYPE "A" CONCRETE CURB AND GUTTER (MD 620.02/620.03) AS NECESSARY AND TIE TO EXISTING CURB AND GUTTER.

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 PUSH BUTTON, 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 PUSH BUTTONS 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. ALL TRUNCATED DOMES (ON DETECTABLE WARNING SURFACES) ARE TO BE INSTALLED TO ALIGN WITH THE CROSSWALK.
6. APS WILL FUNCTION AS FOLLOWS:
 - A. FORT SMALLWOOD WAIT MESSAGE
WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSH BUTTON FOR AN EXTENDED TIME, THE PUSH BUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS FORT SMALLWOOD AT RIVIERA. CROSSWALK ANGLES RIGHT" WHEN THE "WALK" PHASE BEGINS, THE PUSH BUTTON UNIT WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
 - B. RIVIERA DRIVE WAIT MESSAGE
WHEN A PEDESTRIAN LOCATED AND PASSES THE PUSH BUTTON FOR AN EXTENDED TIME, THE PUSH BUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS RIVIERA AT FORT SMALLWOOD. CROSSWALK ANGLES LEFT" WHEN THE "WALK" PHASE BEGINS, THE PUSH BUTTON UNIT WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TOD NO:XX 448-30
SHA NO:AA267A51/B51
MD 173@ BAR HARBOR RD

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 173 (FT. SMALLWOOD RD.) AND BAR HARBOR RD.
RIVIERA DRIVE
TRAFFIC SIGNAL MODIFICATION

GEOMETRIC PLAN SHEET

SCALE 1"=10' ADVERTISED DATE _____ CONTRACT NO. XX44851B5

DESIGNED BY R. SCOTT COUNTY ANNE ARUNDEL
DRAWN BY R. SCOTT LOGMILE 02017305.13
CHECKED BY J. BOLING TMS NO. J207
F.A.P. NO. _____ TOD NO. _____

TS NO. I369G DRAWING - OF SHEET NO. 3 OF 4



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PLOTTED: Tuesday, February 10, 2009 AT 11:45 AM
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BY: bdonoway