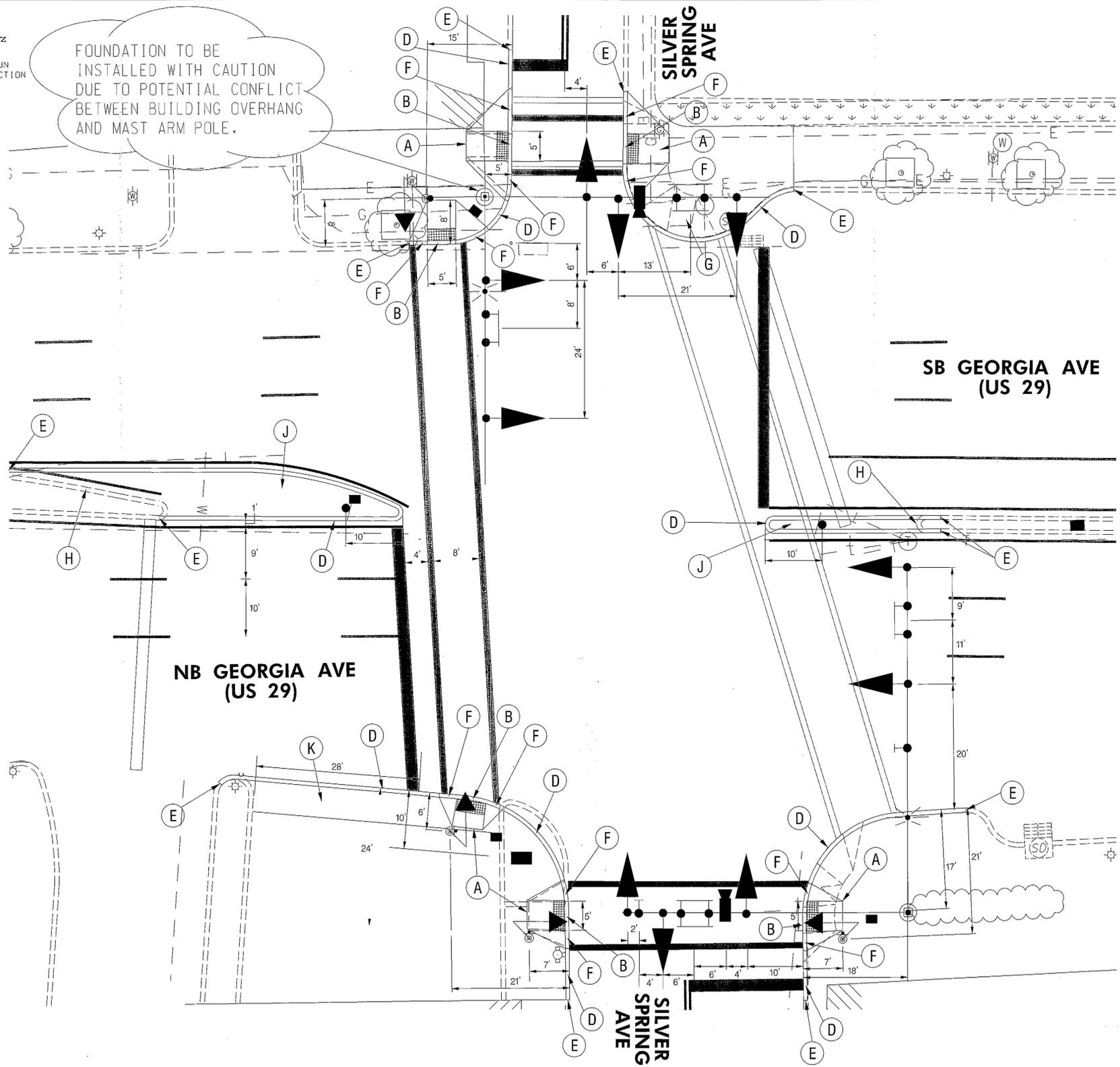


US 29 IS ASSUMED TO RUN  
IN A NORTH/SOUTH DIRECTION

FOUNDATION TO BE  
INSTALLED WITH CAUTION  
DUE TO POTENTIAL CONFLICT  
BETWEEN BUILDING OVERHANG  
AND MAST ARM POLE.



**APS NOTES**

- 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%.
- 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.
- PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- 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.
- APS WILL FUNCTION AS FOLLOWS:  
 TO CROSS GEORGIA AVENUE  
 A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
 "WAIT TO CROSS GEORGIA AT SILVER SPRING."  
 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 SILVER SPRING AVENUE  
 A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
 "WAIT TO CROSS SILVER SPRING AT GEORGIA AVENUE."  
 B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
- ALL TRUNCATED DOMES (ON DETECTABLE WARNING SURFACES) ARE TO BE INSTALLED TO ALIGN WITH THE CROSSWALK.

**GEOMETRIC CONSTRUCTION DETAILS:**

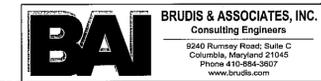
- INSTALL PERPENDICULAR SIDEWALK RAMP (STD. NO. MD 655.11) WITH DETECTABLE WARNING SURFACE (STD. NO. MD 655.40)
- INSTALL DEPRESSED STANDARD TYPE A COMBINATION CURB AND GUTTER (STD. NO. MD 620.02) AND TIE INTO EXISTING CURB AND GUTTER.
- REMOVE EXISTING CUT-THROUGH AND INSTALL NEW CUT-THROUGH MEDIAN AND ISLAND OPENINGS (MD STD. 655.21)
- INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STD. NO. MD 620.02)
- TIE INTO EXISTING CURB AND GUTTER
- INSTALL STANDARD TYPE A CATCH-UP CURB AND GUTTER (STD. NO. MD 620.02)
- REMOVE EXISTING SIDEWALK RAMP AND REPLACE WITH DECORATIVE BRICKS.
- REMOVE EXISTING CURB AND GUTTER.
- INSTALL 5 IN. SIDEWALK (CONCRETE).
- REMOVE EXISTING DRIVEWAY APRON AND INSTALL CONCRETE TO NEW CURB GRADE.

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US 29 (GEORGIA AVE) AT SILVER SPRING AVE  
TRAFFIC SIGNAL DESIGN  
SILVER SPRING, MD

**GEOMETRIC PLAN SHEET**

SCALE 1" = 10' DATE 07/2009 CONTRACT NO. MC2165168

DESIGNED BY \_\_\_\_\_ COUNTY MONTGOMERY  
DRAWN BY DT LOGMILE 15002900.48  
CHECKED BY JB TMS NO. J721  
F.A.P. NO. \_\_\_\_\_ TOD NO. \_\_\_\_\_



TS NO. 4286C DRAWING - 2 OF 3 SHEET NO. 12 OF 26

BY: xiaoyu