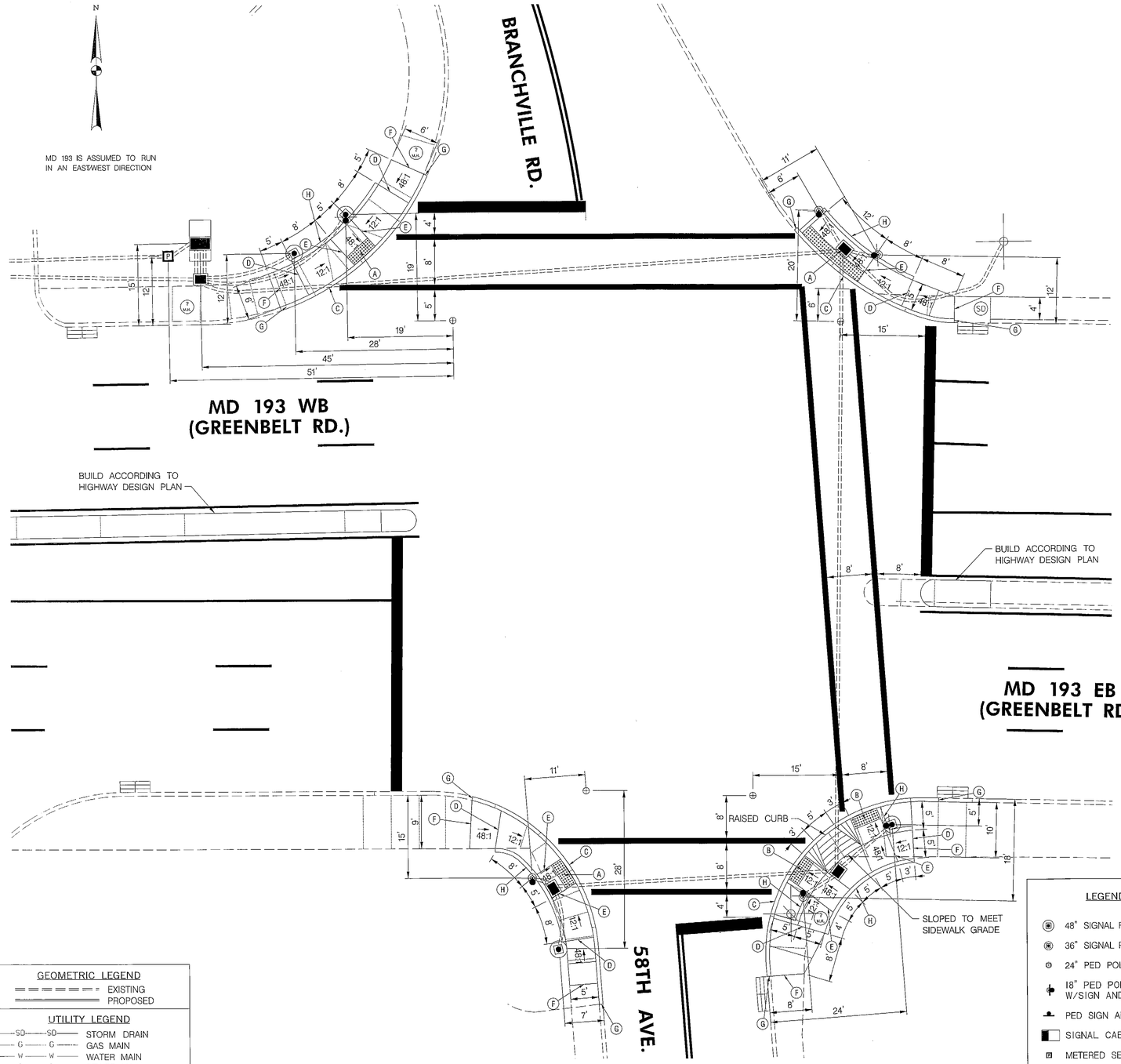

APS NOTES:

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 BRANCHVILLE AT GREENBELT ROAD.
A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS BRANCHVILLE AT GREENBELT. WAIT."
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 58TH AVENUE AT GREENBELT ROAD.
A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS 58TH AT GREENBELT. WAIT."
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 GREENBELT ROAD AT 58TH 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 GREENBELT AT BRANCHVILLE AND 58TH. WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

GEOMETRIC CONSTRUCTION DETAILS:

A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12)
B. INSTALL PERPENDICULAR SIDEWALK RAMP (STANDARD NO. MD 655.11)
C. INSTALL STANDARD TYPE A CURB AND GUTTER (STANDARD NO. MD 620.02).
D. BEGIN 12:1 RAMP
E. BEGIN 48:1 LEVEL LANDING AREA
F. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
G. TIE NEW CURB TO EXISTING CURB AT JOINT.
H. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).

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

LEGEND SYMBOL
- 48" SIGNAL POLE FOUNDATION
- 36" SIGNAL POLE FOUNDATION
- 24" PED POLE FOUNDATION
- 18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
- PED SIGN AND PUSHBUTTON
- SIGNAL CABINET W/PAD
- METERED SERVICE PEDESTAL
- HANDHOLE
- CONDUIT RUN

GEOMETRIC LEGEND
- EXISTING SIDEWALK/CURB JOINT (APPROXIMATE)
- NEW SIDEWALK AND ADA HANDICAP RAMP
- NEW CONCRETE
- SEED AND MULCH

BRUDIS & ASSOCIATES, INC.
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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 193 (GREENBELT RD.) AT 58TH AVE./BRANCHVILLE RD.
BERWYN HEIGHTS, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' ADVERTISED DATE 03/2012 CONTRACT NO. PG8925177

DESIGNED BY CW
DRAWN BY CW
CHECKED BY RM
F.A.P. NO.
COUNTY PRINCE GEORGE'S
LOGMILE 16019305.04
TIMS NO. J910
TOD NO.

TS NO. 1177A-GP | DRAWING SG-2 2 OF 3 | SHEET NO. OF

PLOTTED: Monday, March 12, 2012 AT 11:24 AM
FILE: P:\09-002 TEDD\Task 40 MD 193 @ 58th Ave\Drawings\CADD\Working\pSG-P002_MD193@58thAve.dgn

BY: chuck -