

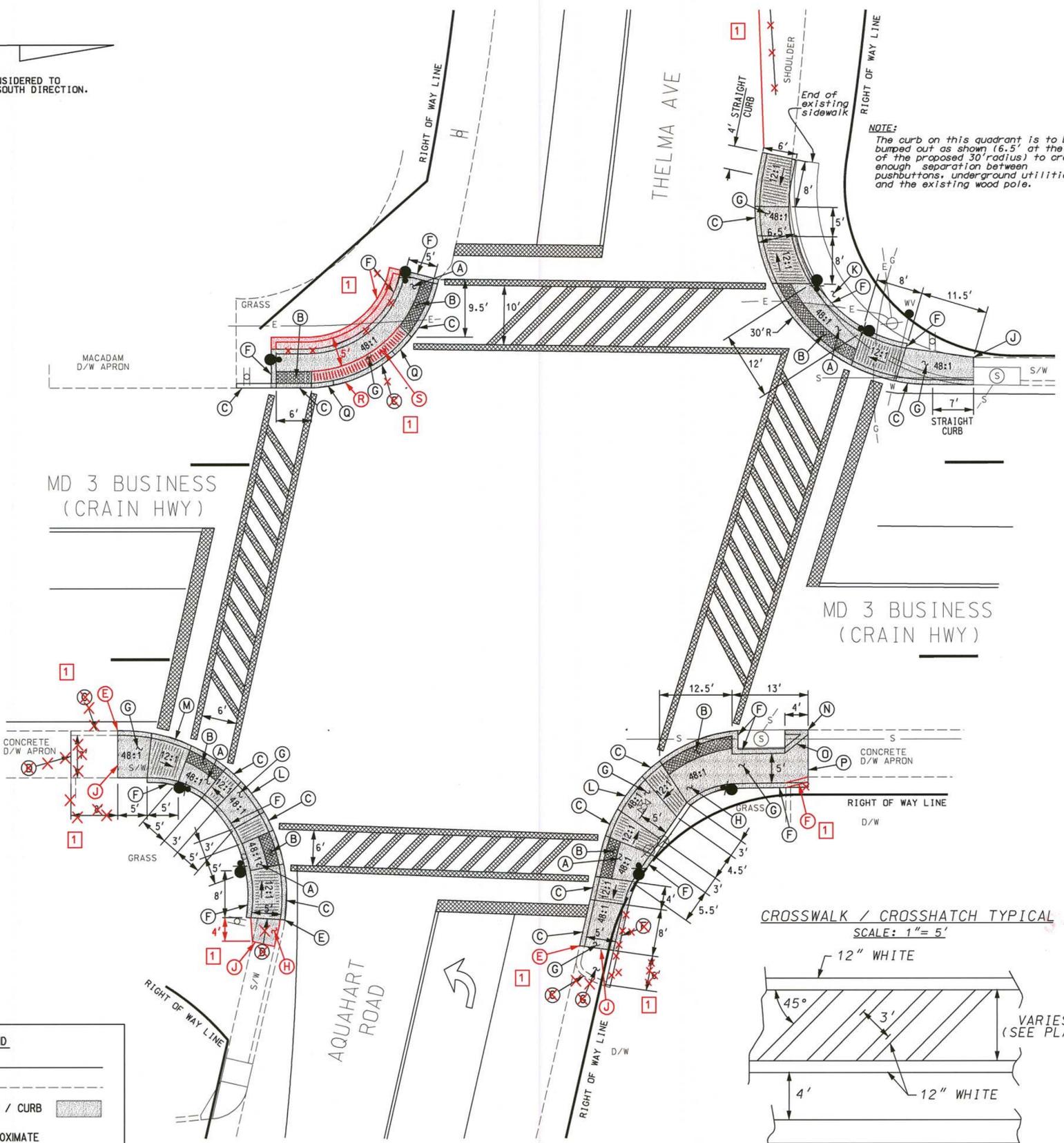
DRILL HOLES

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BORDER REV. DATE: June 1, 2004

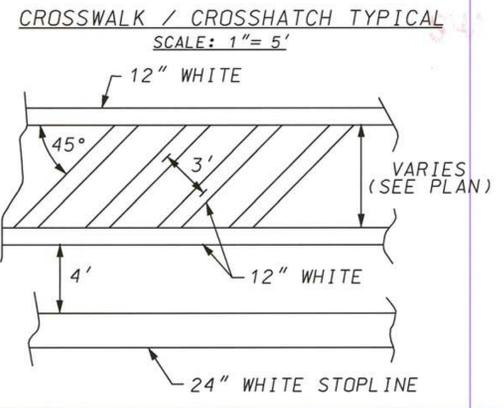
NOTE: MD 3 IS CONSIDERED TO RUN IN AN NORTH-SOUTH DIRECTION.



GEOMETRIC LEGEND

PROPOSED SIDEWALK / CURB	—————
EXISTING SIDEWALK / CURB	- - - - -
PROPOSED SIDEWALK / ADA RAMP / CURB	▨

NOTE:
SIDEWALK JOINTS ARE APPROXIMATE



APS NOTES:

1. Pushbuttons 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 pushbuttons is to be measured from face of pushbutton, not center to center of pole.
3. Pushbutton 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 pushbutton locations until a design waiver is obtained, approved by the director, Office Of Traffic and Safety.
5. APS will function as follows:
 - TO CROSS CRAIN HIGHWAY
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Crain at Aquahart and Thelma, crosswalk angles right, wait."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.
 - TO CROSS THELMA AVENUE
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Thelma at Crain wait."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.
 - TO CROSS AQUAHART ROAD
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Aquahart at Crain wait."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

CONSTRUCTION DETAILS

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
- B. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
- C. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- D. TIE IN RAMP WITH EXISTING SIDEWALK / CONCRETE APRON AT JOINT.
- E. TIE NEW CURB TO EXISTING CURB AT JOINT.
- F. INSTALL STANDARD TYPE "A" CURB.
- G. INSTALL 5" SIDEWALK AS SHOWN.
- H. INSTALL SIDEWALK RAMP AS SHOWN
- J. TIE PROPOSED SIDEWALK INTO EXISTING SIDEWALK AT JOINT.
- K. REMOVE EXISTING SIDEWALK AND BACKFILL.
- L. INSTALL 3" HIGH TYPE "A" COMBINATION CURB AND GUTTER.
- M. INSTALL 4" HIGH TYPE "A" COMBINATION CURB AND GUTTER.
- N. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02). BEGIN AT EXISTING APRON LEVEL AND SLOPE UP TO 8" HEIGHT AT STORM DRAIN.
- D. INSTALL STANDARD TYPE "A" CURB. BEGIN AT EXISTING APRON LEVEL AND SLOPE UP TO 8" HEIGHT AT STORM DRAIN.
- P. SAWCUT CONCRETE APRON AT BOTTOM OF EXISTING SLOPED CONCRETE. NEW CONCRETE SIDEWALK WILL TIE INTO APRON AT THIS POINT.
- Q. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02). BEGIN FLAT END OF LANDING AREA AND SLOPE UP TO 8" CURB IN 4'
- R. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02). CURB SHALL BE 4' HIGH.
- S. SLOPE CONCRETE FROM TOP OF CURB BACK 2' AS SHOWN.

Redline Revision
Dated October 18, 2011

SNA MDOT - SHA
O.O.T.S.

S.H.A. Approval Date 10-20-11
T.S. # 7440 T.I.M.S. # K238



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

SHA

MD 3 BUSINESS (CRAIN HWY)
AND AQUAHART RD/ THELMA AVE
GLEN BURNIE, MARYLAND

ADA RAMP DETAIL PLAN

SCALE 1" = 10' DATE 5/6/2011 CONTRACT NO. XX6475185

DESIGNED BY R R ZACHERL COUNTY ANNE ARUNDEL
DRAWN BY W J NIES LOGMILE 02B00301.99
CHECKED BY [Signature] TMS NO. K238
F.A.P. NO. TOD NO.

TS NO. 7440 DRAWING NO. 2 OF 5 SHEET NO. OF

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