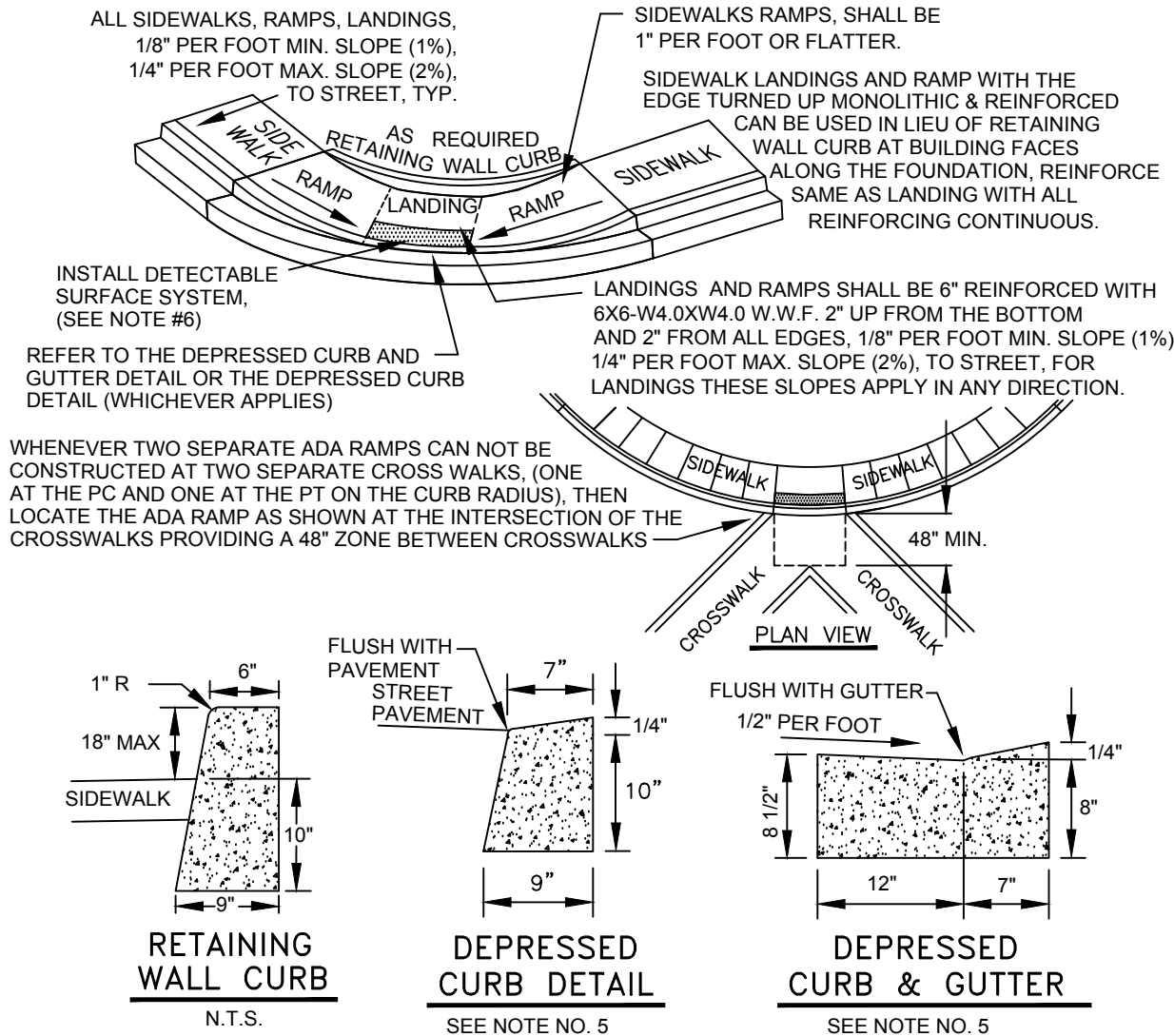


NOTES

1. THE LOCATION OF THE TYPE 4 SIDEWALK RAMP SHALL BE DETERMINED BY CURRENT A.D.A. REQUIREMENTS, EXISTING OBSTRUCTIONS, CROSSWALK LOCATION, AND SHALL BE APPROVED BY THE CITY ENGINEER BEFORE CONSTRUCTION BEGINS.
2. THE INSTALLATION OF THE TYPE 4 RETROFIT SIDEWALK SHALL ACHIEVE AS MANY OF THE FOLLOWING GOALS AS IS POSSIBLE IN ORDER OF PRIORITY GIVEN:
 - A. ACCOMMODATE ADA ACCESS TO A CROSSWALK.
 - B. CONSTRUCT SIDEWALK RAMP(S) AND LANDING(S) TO DRAIN WATER TO STREET OR STORM DRAIN.
 - C. CONSTRUCT SIDEWALK RAMP(S) AT 1" PER FOOT SLOPE OR FLATTER WHERE NEEDED.
 - D. CONSTRUCT SIDEWALK LANDING WITH SLOPES OF 1/8" PER FOOT MINIMUM (1%) TO 1/4" PER FOOT MAXIMUM (2%) IN ANY DIRECTION.
 - E. CONSTRUCT LANDING AS LARGE A POSSIBLE WITH 60" X 60" BEING THE IDEAL SITUATION.
3. CONSTRUCT/PROVIDE HORIZONTAL CLEARANCE TO ANY OBSTACLE IN THE SIDEWALK WITH A MINIMUM OF 36" CLEARANCE FOR 24" OF TRAVEL, WITH 60" CLEARANCE FOR 60" TRAVEL THE IDEAL SOLUTION.
4. ALL CONCRETE SHALL BE MD DEPT. OF TRANS. S.H.A. MIX NO. 3 WITH A 28 DAY COMPRESSIVE STRENGTH OF 3,500 P.S.I., WITH 5%-8% AIR AND 2"-5" SLUMP. DO NOT ADD WATER TO THE SURFACE FOR FINISHING. ALL EXPOSED SURFACES SHALL RECEIVE A LIGHT TRANSVERSE BROOM FINISH.
5. REFER TO PLATE T-050 FOR STANDARD CONCRETE SIDEWALK, PLATE T-040 FOR STANDARD CONCRETE CURB & GUTTER, AND PLATE T-042 FOR CONCRETE REPLACEMENT CURB.
6. THE DOT HATCHED AREA REPRESENTS A DETECTABLE WARNING SURFACE AT THE REQUIRED LOCATION AND ORIENTATION. REFER TO PLATE T-059 FOR THE DETECTABLE WARNING SURFACE SPECIFICATIONS, DETAILS, AND NOTES.
7. INSTALL 1/2" EXPANSION JOINTS AND BOND BREAK 3 PLY TAR PAPER WHERE NEEDED TO PREVENT BINDING AND CRACKING OF CONCRETE BETWEEN PERMANENT FIXED OBJECTS.
8. POUR RAMP, LANDING, CURB AND RETAINING WALL CURB MONOLITHIC.



CITY OF HAGERSTOWN, MARYLAND – ENGINEERING DIVISION

TRANSPORTATION STANDARD DETAIL SIDEWALK RAMP TYPE 4 (RETROFIT)

ISSUE DATE: 03-01-2018

REVISIONS

PLATE T-056