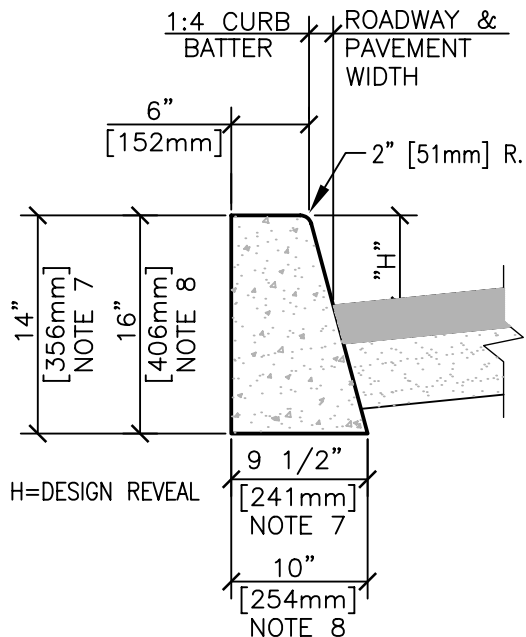
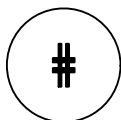


NOTES:

1. ALL CONCRETE CURBS AND TRANSITIONS, SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI.
2. MAXIMUM SPACING ON SCORED JOINTS SHALL BE 15' [4572mm].
3. 1/2" [13mm] THICK EXPANSION JOINTS SHALL BE LOCATED AT TANGENT POINTS IN CURB RETURNS, TRANSITIONS, AND AT A MAXIMUM OF 60' [1828.8cm] INTERVALS. EXPANSION MATERIAL SHALL ALSO BE PLACED BETWEEN CURBS AND ADJACENT STRUCTURES, SIDEWALKS, DRIVEWAYS AND CURB ACCESS RAMPS. THE 1/2" [13mm] JOINT FILLER SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
4. CONCRETE SHALL BE FINISHED WITH A STEEL TROWEL FOLLOWED BY BRUSHING WITH A FINE BRUSH ALONG THE LENGTH OF THE CURB OR CURB AND GUTTER.
5. SINGLE CURB MAY BE CONSTRUCTED BY THE USE OF FORMS OR MAY BE SLIP FORMED.
6. ALL EXPOSED EDGES AND HAND TOOLED JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6mm] RADIUS UNLESS A LARGER RADIUS IS INDICATED BY THE APPLICABLE STANDARD DETAIL OR PROJECT PLANS.
7. FOR REVEALS OF 6" [152mm] TO LESS THAN 8" [203mm].
8. FOR REVEALS OF 8" [203mm] TO 10" [254mm].



CONCRETE VERTICAL CURB



CONCRETE CURB AND TERMINAL SECTION

NTS



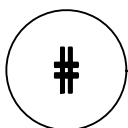
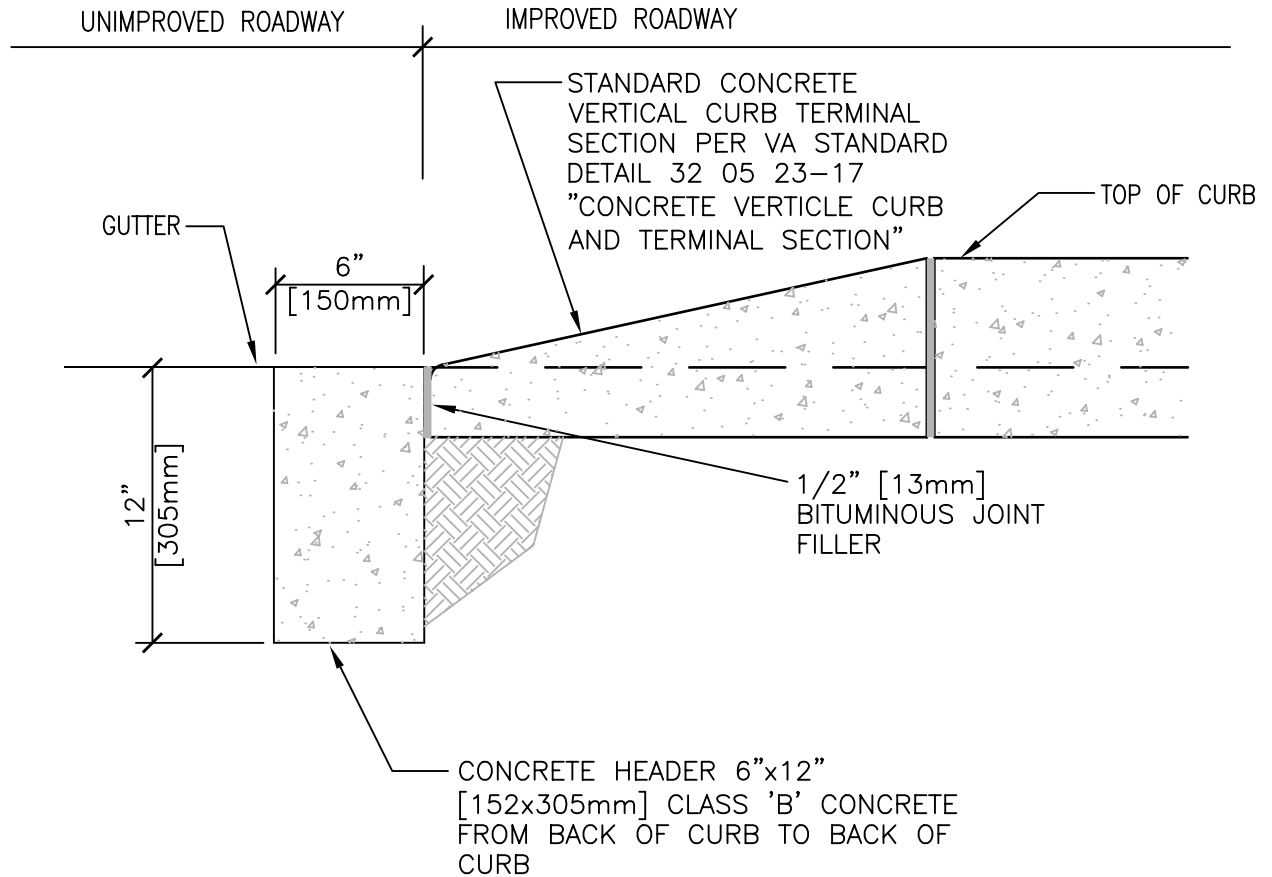
Department of
Veterans Affairs

DETAIL TITLE / CONCRETE CURB AND TERMINAL SECTION

SCALE :NONE

DATE ISSUED: DECEMBER 2008

CAD DETAIL NO.: SD320523-17.DWG



CONCRETE HEADER

NTS



Department of
Veterans Affairs

DETAIL TITLE / CONCRETE HEADER

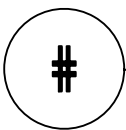
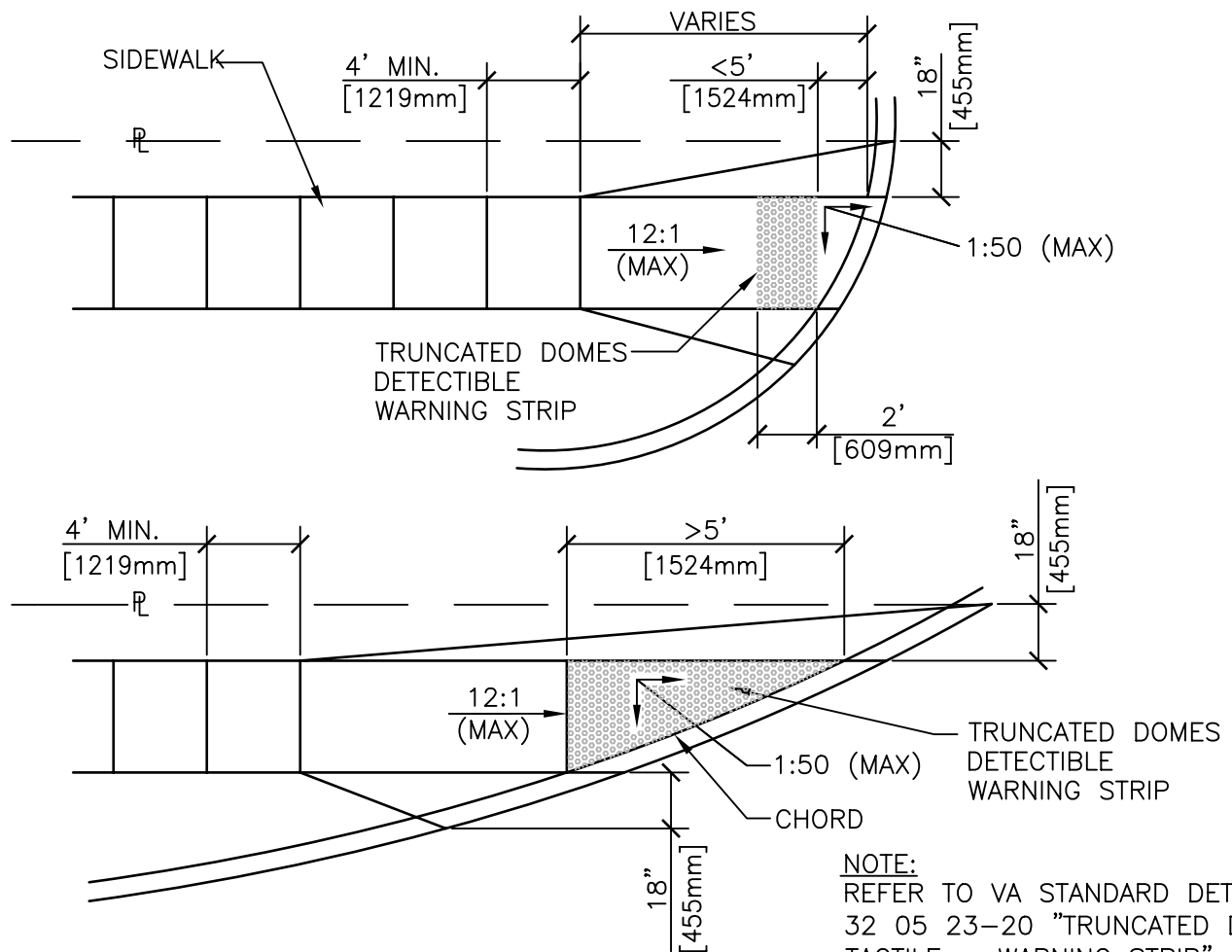
SCALE :NONE

DATE ISSUED: DECEMBER 2008

CAD DETAIL NO.:

SD320523-16.DWG





CURB ACCESS RAMP ALTERNATIVES

NTS



Department of
Veterans Affairs

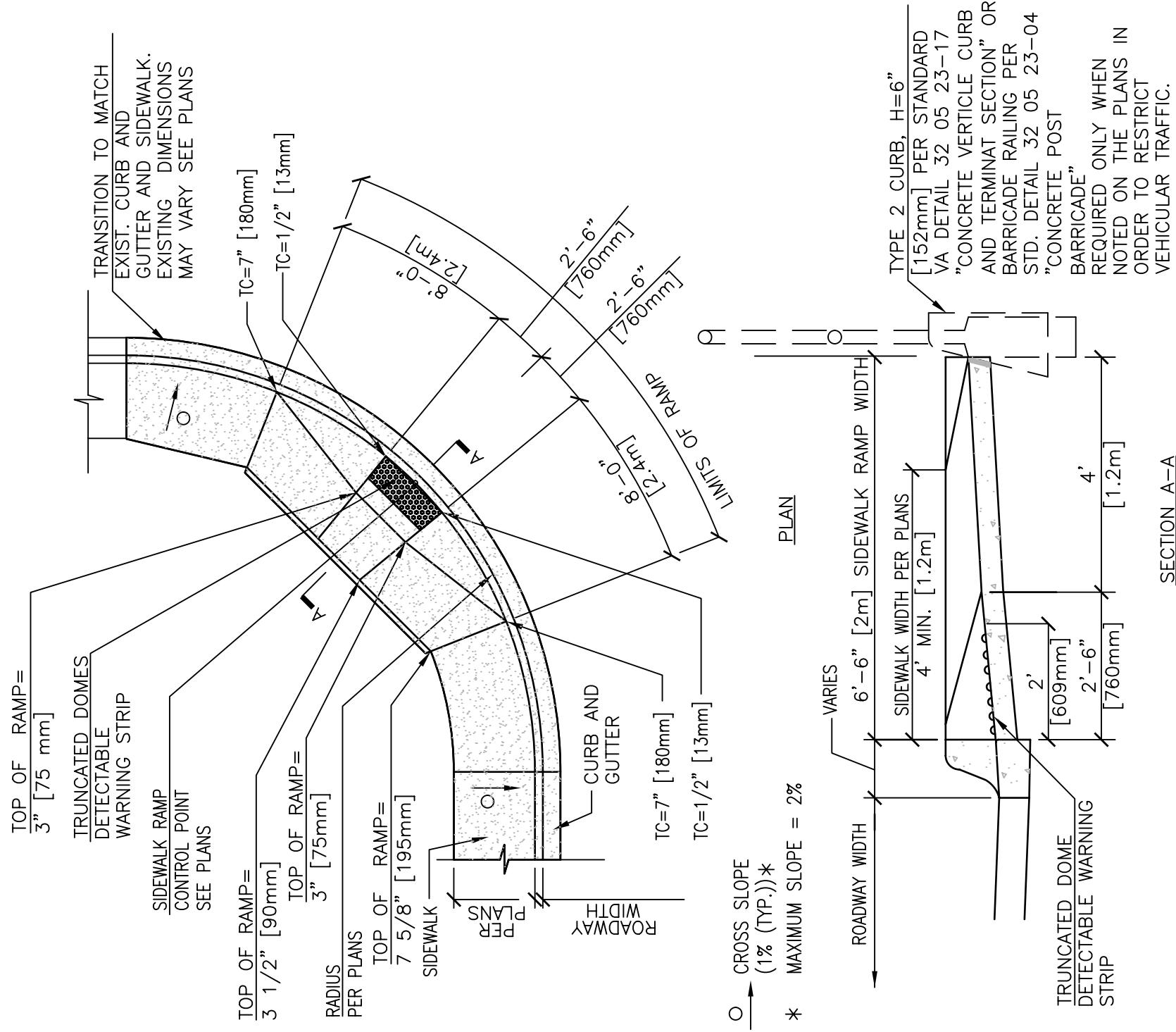
DETAIL TITLE / CONCRETE HEADER

SCALE :NONE

DATE ISSUED: DECEMBER 2008

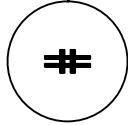
CAD DETAIL NO.:

SD320523-13.DWG



NOTE:

1. TOP OF CURB (TC) AND TOP OF RAMP ELEVATIONS SHOWN ARE IN RELATION TO THE GUTTER AND ARE LOCATED RADially. GUTTER = 0"
2. SEE STANDARD VA DETAIL 32 05 23-18 "CONCRETE SIDEWALK" FOR JOINT REQUIREMENTS.
3. WHEN CURB HEIGHTS OF GREATER THAN 7" [180mm] ARE SHOWN ON PLANS, SEE PLANS AND ADA REQUIREMENTS.
4. LANDING RAMP AREA TO BE STANDARD ON ALL PROJECTS. TYPE 2 CURB WITH 6" [152mm] REVEAL OR BARRICADE RAILING REQUIRED ONLY WHEN NOTED ON THE PLANS IN ORDER TO RESTRICT VEHICULAR TRAFFIC.



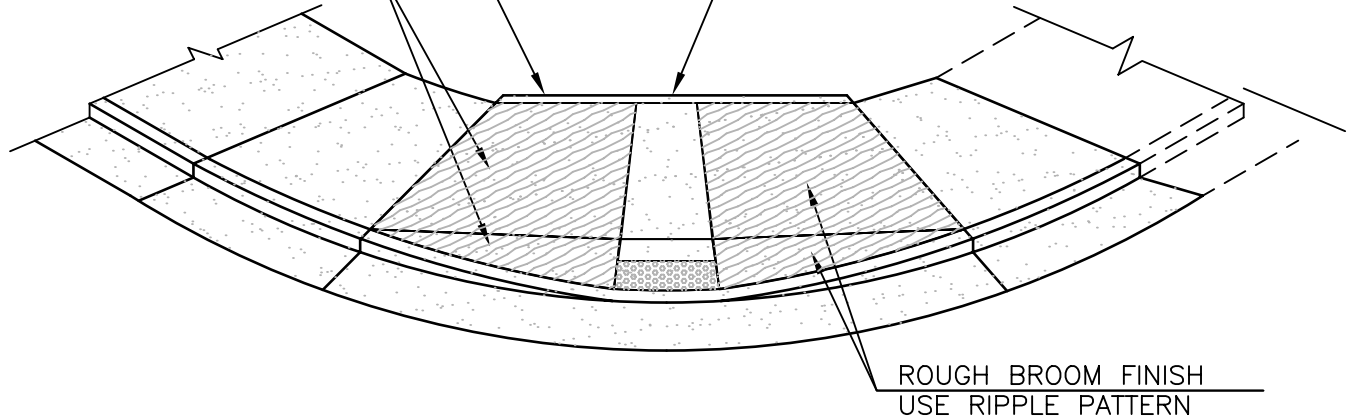
CURB ACCESS RAMP

NTS

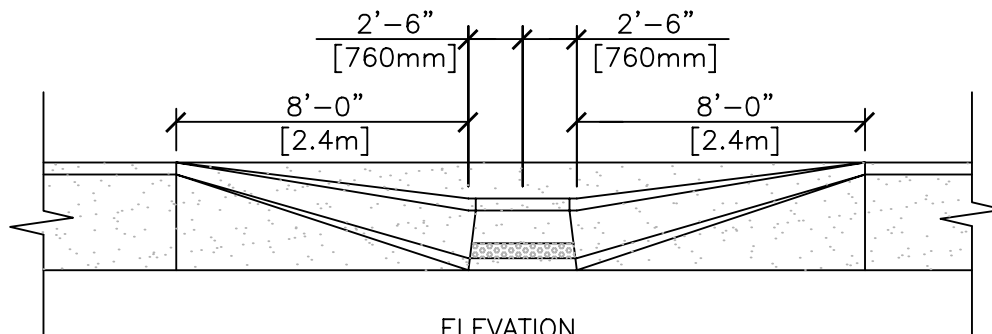
RAMP CURB HEIGHT TO
MATCH ADJACENT BACK OF
SIDEWALK ELEVATION

ROUGH BROOM FINISH
USE RIPPLE PATTERN

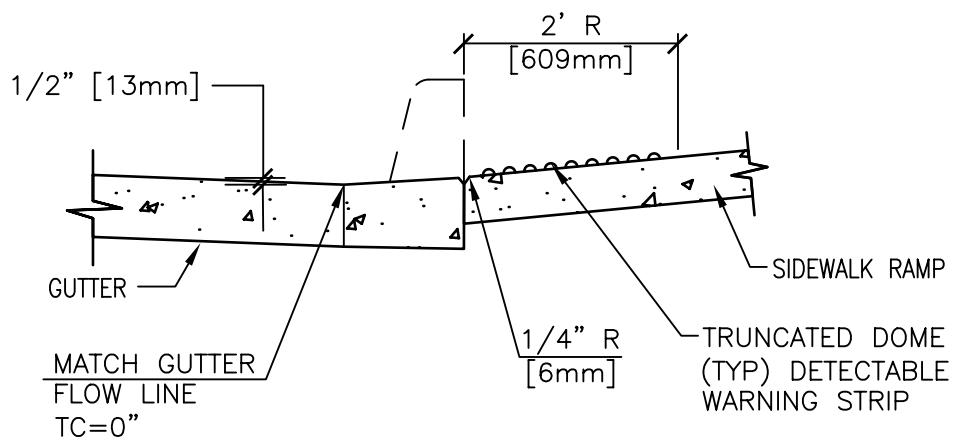
RAMP CURB



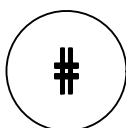
PERSPECTIVE



ELEVATION
DEPRESSED CURB AT SIDEWALK RAMP



TRUNCATED DOME DETAIL



CURB ACCESS RAMP

NTS



Department of
Veterans Affairs

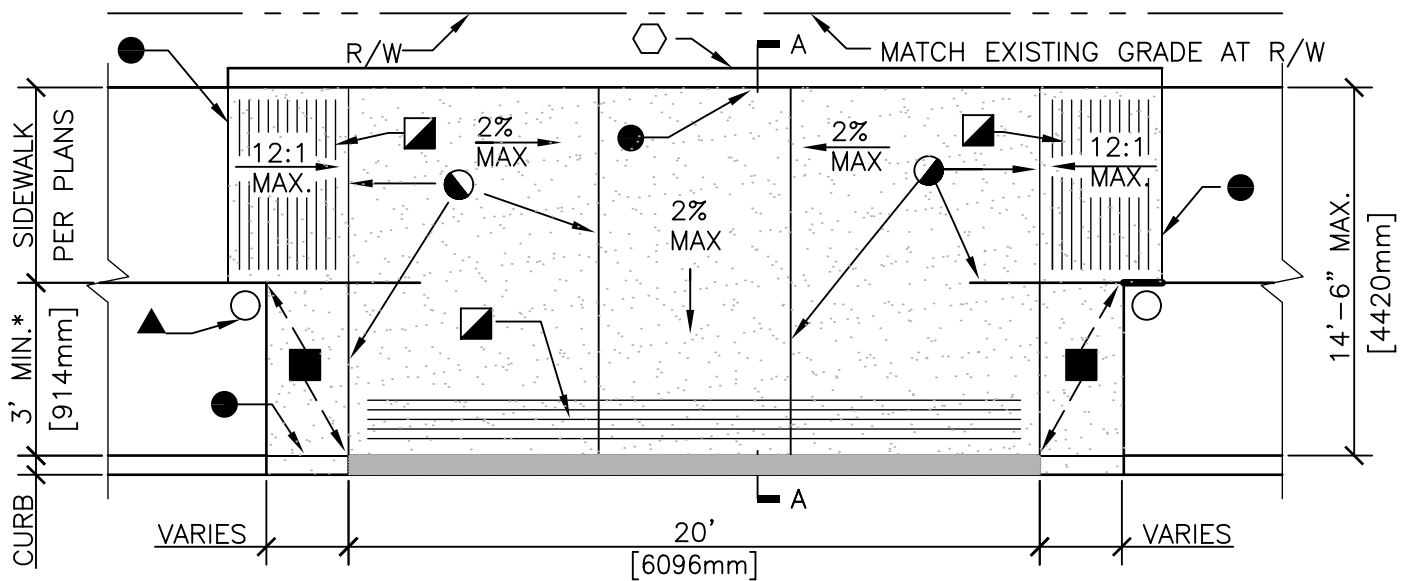
DETAIL TITLE / CURB ACCESS RAMP

SCALE :NONE

DATE ISSUED: DECEMBER 2008

CAD DETAIL NO.:

SD320523-11.DWG



* MAY BE REDUCED TO 1' [305mm] DUE TO R.O.W. CONSTRAINTS. HOWEVER, IF DISTANCE BETWEEN BACK OF CURB AND BACK OF SIDEWALK IS LESS THAN 7' [2134mm], THE DISABLED SPACE SHALL NOT BE DESIGNATED "VAN ACCESSIBLE".

■ WARP TO MATCH

▣ TACTILE GROOVES. PLACE GROOVES IN CONC. 1" [25mm] APART, 1/4" [6mm] WIDE, 1/8" [3mm] DEEP. GROOVES MAY BE SAWCUT OR TOOLED.

▲ TYPE 'A' POST BARRICADE PER VA STANDARD DETAIL 32 05 23-04 "CONCRETE POST BARRICADE". FINISH WITH BLUE ENAMEL AND 4" [100mm] WHITE REFLECTORIZED TAPE. THE ENGINEER SHALL APPROVE THE SHADE OF BLUE ENAMEL PRIOR TO USE. FACE OF POST BARRICADE SHALL BE 2" [50mm] FROM EDGE OF CONCRETE.

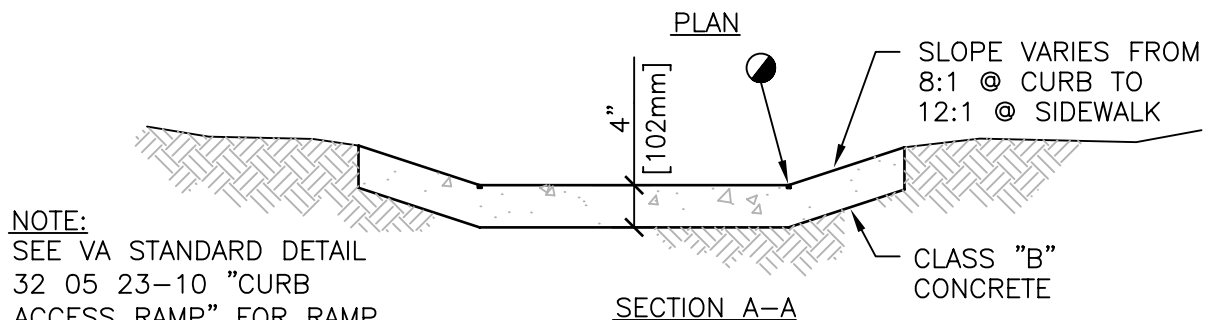
● 1/4" [6mm] DEEP SCORED JOINTS EVENLY SPACED (8' [2.4m] MAX. SPACING)

● 1/2" [13mm] BITUMINOUS JOINT FILLER.

NOTE: DEPRESSED CURB IN RAMP AREA SHALL BE PLACED MONOLITHIC WITH RAMP

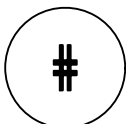
△ TRUNCATED DOMES DETECTABLE WARNING STRIP

○ 6" [152mm] REVEAL VERTICAL CURB PER VA STANDARD DETAIL 32 05 23-17 "CONCRETE CURB AND TERMINAL SECTION" CURB MAY BE ELIMINATED IN CENTER 4' [1219mm] IF APPROVED BY ENGINEER



NOTE:
SEE VA STANDARD DETAIL 32 05 23-10 "CURB ACCESS RAMP" FOR RAMP DETAIL AT GUTTER LINE.

VAN ACCESSIBLE CURB ACCESS RAMP AT DISABLED PARKING STALLS



NTS



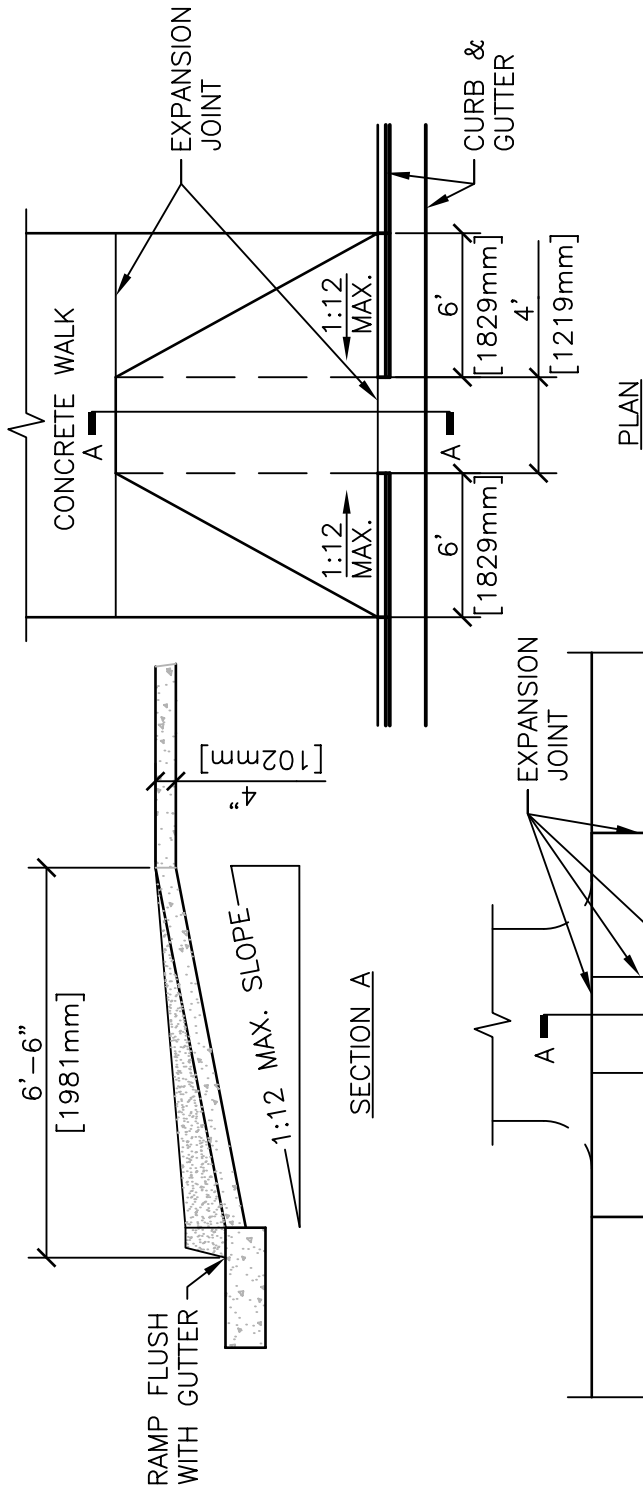
Department of
Veterans Affairs

DETAIL TITLE / CURB ACCESS RAMP - AT DISABLED PARKING STALLS

SCALE : NONE

DATE ISSUED: DECEMBER 2008

CAD DETAIL NO.: SD320523-15.DWG



CURB RAMP

NTS

#



Department of
Veterans Affairs

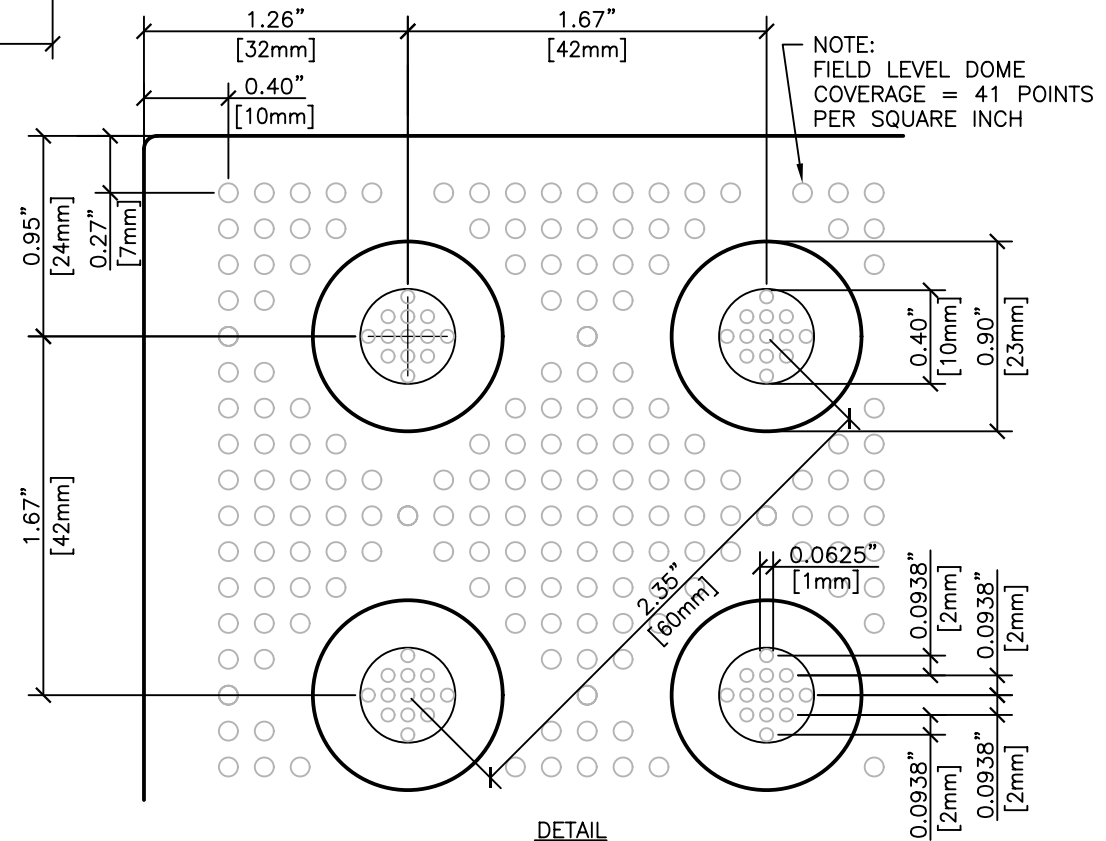
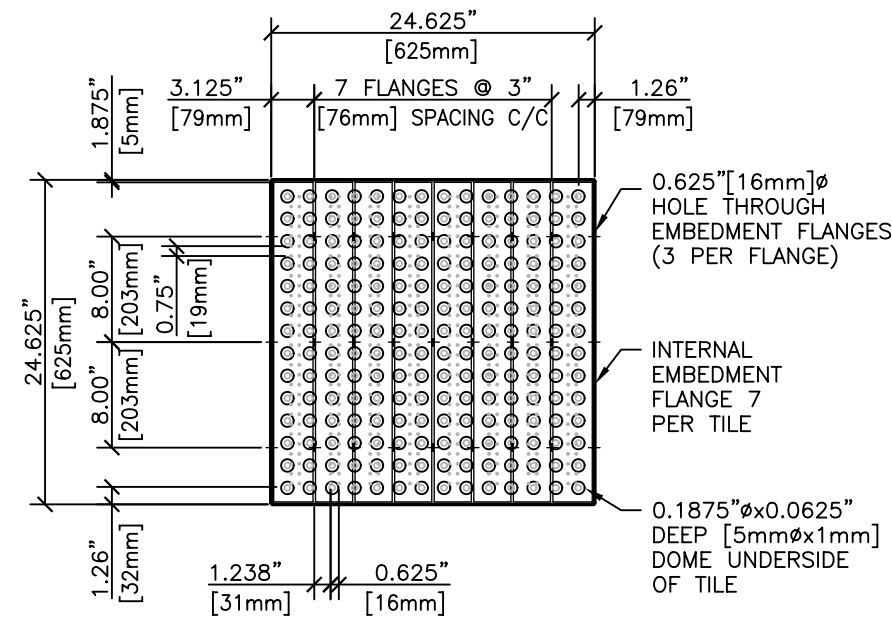
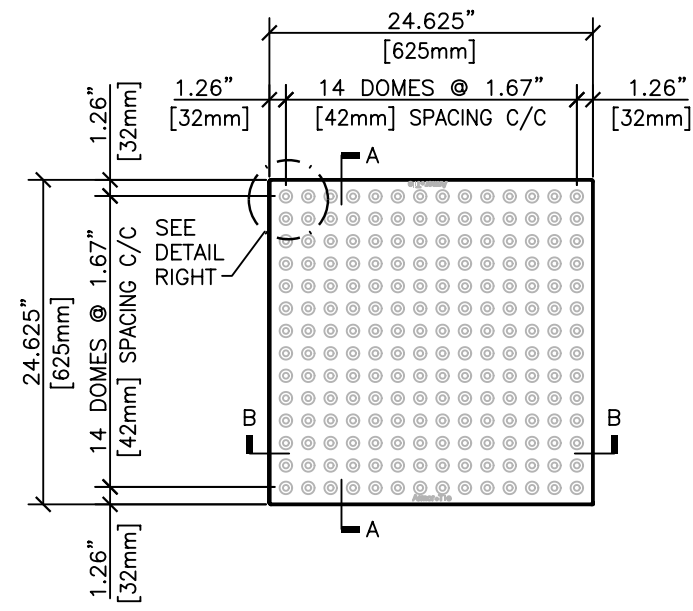
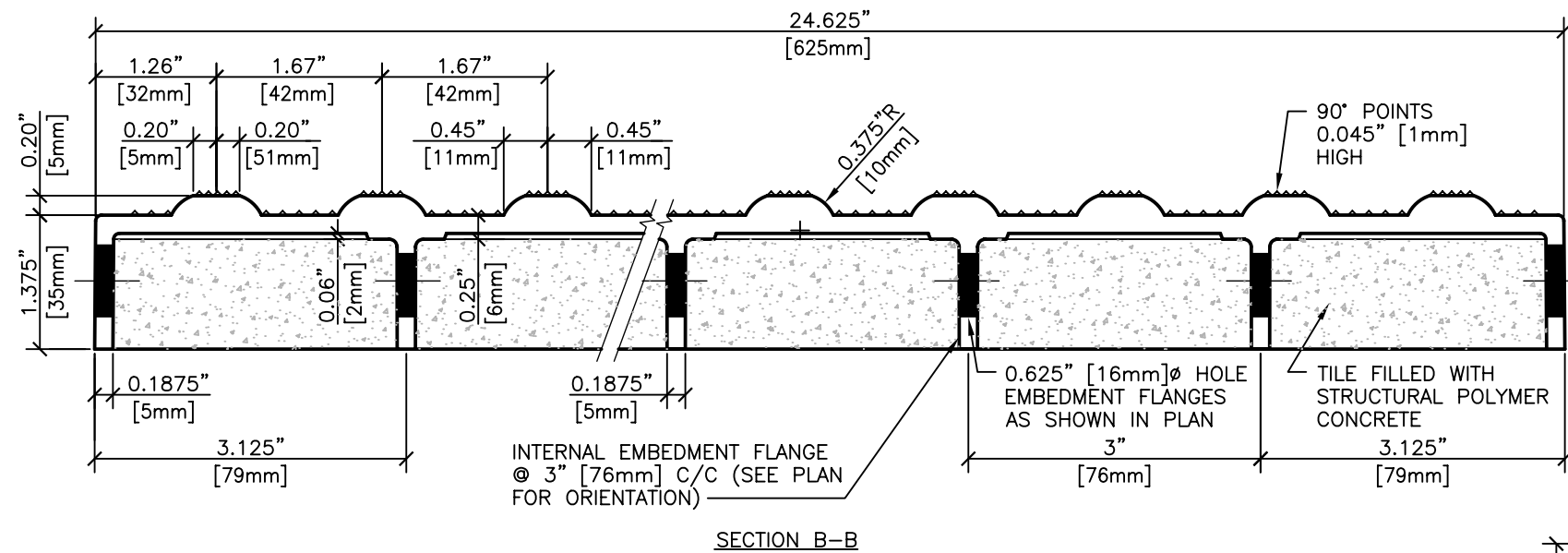
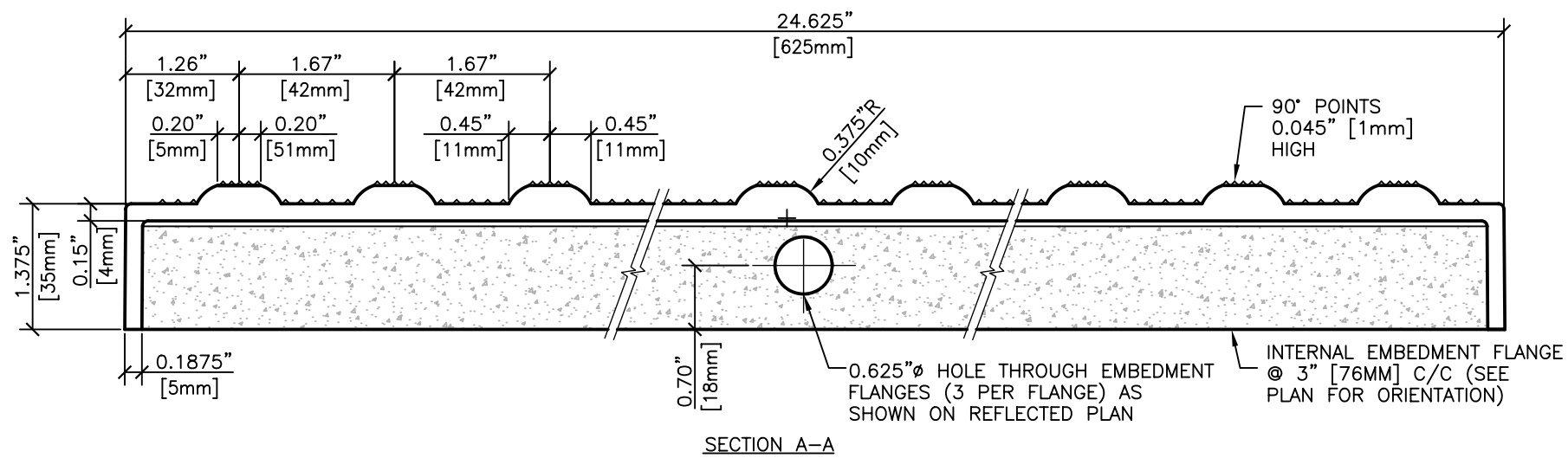
DETAIL TITLE / CURB RAMP

SCALE : NONE

DATE ISSUED: DECEMBER 2008

CAD DETAIL NO.:

SD320523-02.DWG



DETECTABLE WARNING NOTES:

THE DETECTABLE WARNING STRIP MUST COVER THE ENTIRE WIDTH OF THE RAMP OPENING, EXCLUDING THE WINGS. ALL DOMES MUST BE ALIGNED IN THE DIRECTION OF TRAVEL. ONE CORNER OF THE LEADING EDGE OF THE DETECTABLE WARNING MAY BE MORE THAN 5 FEET FROM THE BACK OF THE CURB. WHEN LOCATED ALONG A CURB RETURN, THE LEADING EDGE OF THE DETECTABLE WARNING MAY BE DEIGNED BY THE CHORD DRAWN BETWEEN THE LEADING EDGES OF THE RAMP OPENING.

DETAIL TITLE / TRUNCATED DOME TACTILE - WARNING STRIP

SCALE :NONE

DATE ISSUED: DECEMBER 2008

CAD DETAIL NO.: SD320523-20.DWG