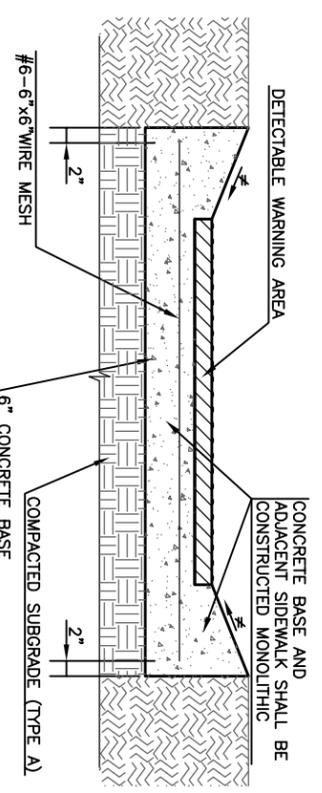
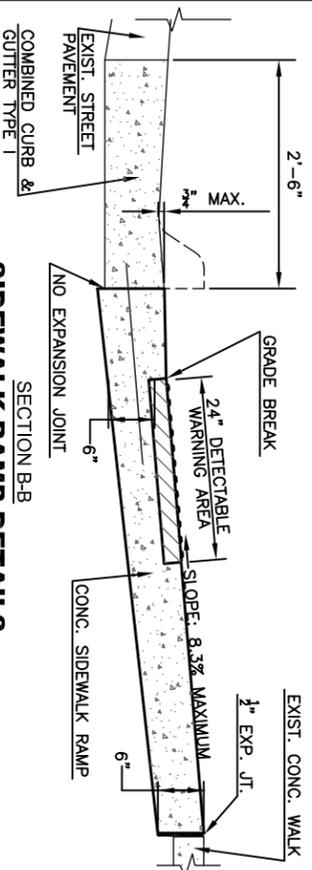


NOTES:
 1. FAN AREA PAVEMENT TO BE PAID FOR AS 6" CONCRETE.
 2. EXPANSION JOINTS SHALL BE THE CONSTRUCTION LIMITS OF 6" CONCRETE IN RAMP.
 * 5' - PRINCIPAL ARTERIALS, MINOR ARTERIALS, COLLECTORS
 4' - SUB-COLLECTORS, LOCALS
 # 10:1 MAXIMUM AT PAVED FAN AREA, 4:1 AT STANDARD RAMP

SIDEWALK DETAILS

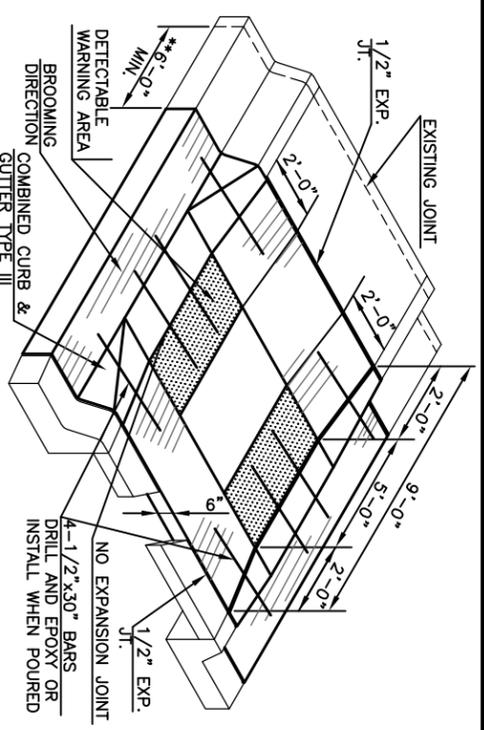


TYPICAL SECTION OF DETECTABLE WARNING SYSTEM
 # 10:1 MAXIMUM AT PAVED FAN AREA, 4:1 AT STANDARD RAMP

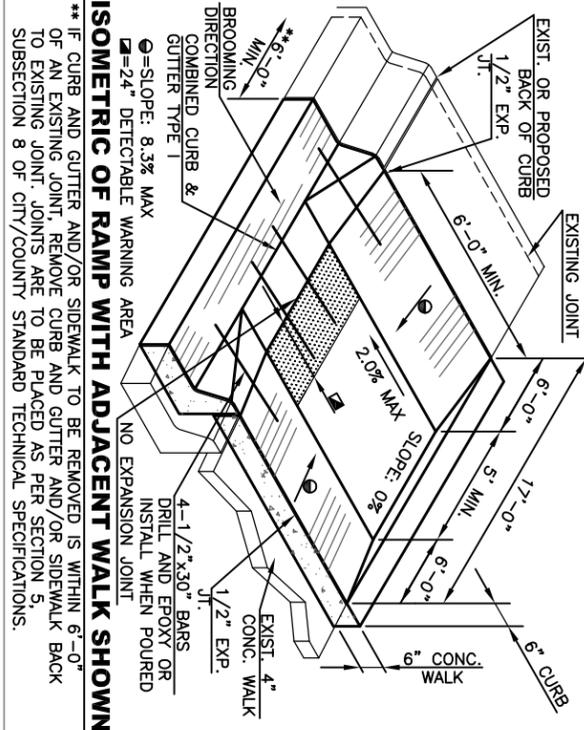


SIDEWALK RAMP DETAILS

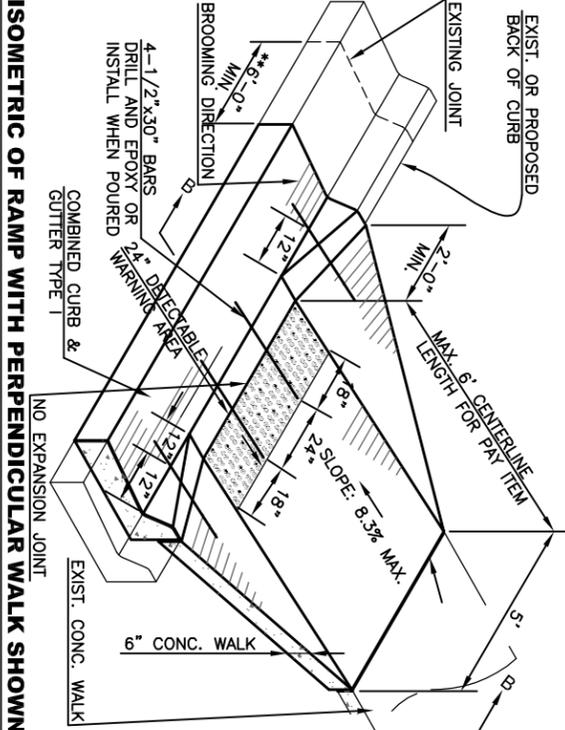
NOTES:
 1. RAMP TO BE PAID FOR AS SIDEWALK RAMP CURB AND GUTTER TO BE INCLUDED IN THE PRICE
 2. SIDEWALK RAMP SHALL OBTAIN A MINIMUM OF 6" ABOVE E FOR NEW SIDEWALK CONSTRUCTION.



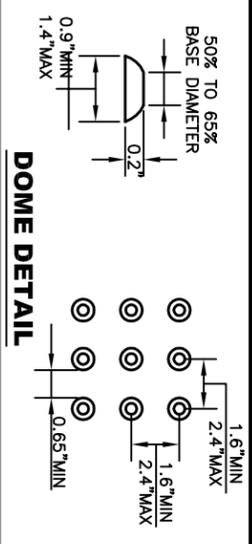
ISOMETRIC OF MEDIAN RAMP CROSSING
 NOTE:
 MEDIAN RAMP CROSSING SHALL BE BUILT AT LOCATIONS SHOWN ON THE PLANS.
 CONCRETE MEDIAN CROSSINGS TO BE PAID FOR AS SIDEWALK RAMP.



ISOMETRIC OF RAMP WITH ADJACENT WALK SHOWN
 ** IF CURB AND GUTTER AND/OR SIDEWALK TO BE REMOVED IS WITHIN 6'-0" OF AN EXISTING JOINT, JOINTS ARE TO BE PLACED AS PER SECTION 5.
 SUBSECTION 8 OF CITY/COUNTY STANDARD TECHNICAL SPECIFICATIONS.

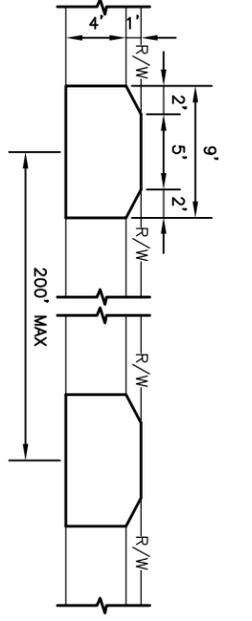


ISOMETRIC OF RAMP WITH PERPENDICULAR WALK SHOWN

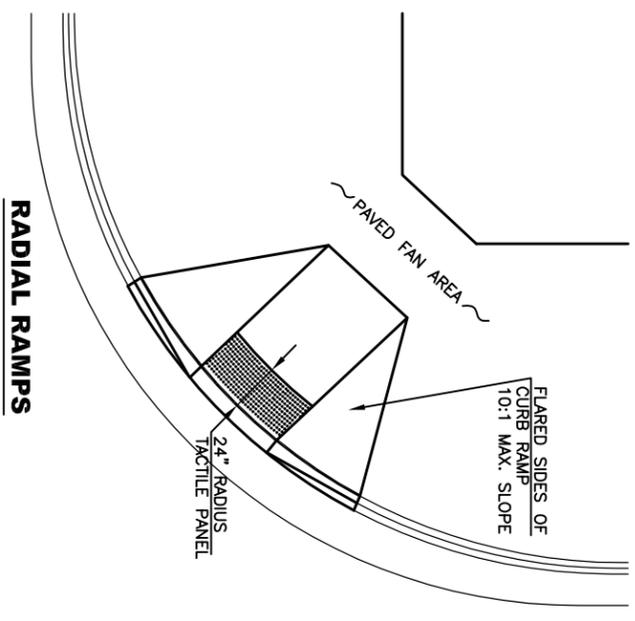


DOME DETAIL

RUNNING BOND/PARALLEL ALIGNMENT AND JOINT DETAIL
 Installation pattern for detectable warning paving bricks

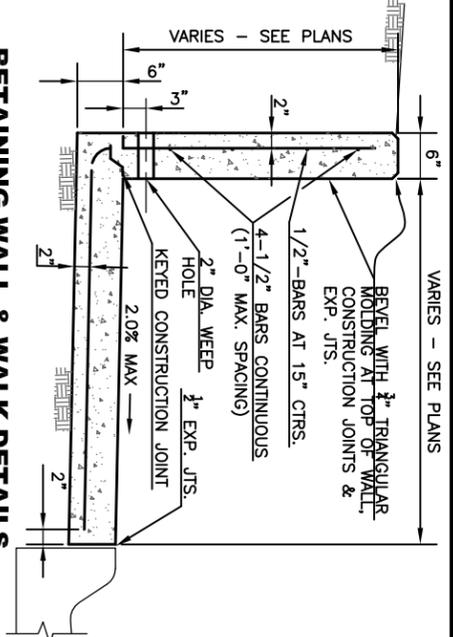


TYPICAL WHEELCHAIR PASSING ZONE FOR SUB-COLLECTOR AND LOCAL STREETS



RADIAL RAMP

NOTE:
 RADIAL RAMP WILL NOT BE PERMITTED IN NEW TRAFFICWAY IMPROVEMENT PROJECTS, AND WILL ONLY BE ALLOWED AS DIRECTED BY THE ENGINEER IN RETRO-FIT CONSTRUCTION WHEN PERPENDICULAR RAMP CANNOT BE CONSTRUCTED.



RETAINING WALL & WALK DETAILS

NOTE:
 THIS TYPE OF WALL MAY BE USED TO A MAXIMUM HEIGHT OF 3'-0".
 WEEP HOLES AT A MAXIMUM OF 15' CENTER TO CENTER WITH COARSE AGGREGATE PLACED AT EACH WEEP HOLE 18" IN ALL DIRECTIONS ABOVE FLOW LINE.
 CONCRETE SHALL BE CLASS "A" THROUGHOUT WITH GRADE 40 REINFORCING.
 PLACE 1/2" HARDWARE SCREEN AT WEEP HOLES TO RETAIN AGGREGATE.

SIDEWALK (RESIDENTIAL AND COMMERCIAL) CONSTRUCTION
 SIDEWALKS SHALL BE CONSTRUCTED USING 4" THICK CONCRETE, EXCEPT AT DRIVEWAY CROSSINGS, WHERE IT SHALL BE 6" THICK PAVEMENT CLASS CONCRETE 4000 PSI (RESIDENTIAL) OR 8" THICK PAVEMENT CLASS CONCRETE 4000 PSI (COMMERCIAL).
 FINE GRADING MATERIAL SHALL BE CRUSHED ROCK AB-3. ALLOWABLE MAXIMUM COMPACTED THICKNESS OF AB-3 SHALL BE 6".
 SAND IS NOT AN APPROVED FILL, SUBGRADE, OR FINE GRADING MATERIAL UNDER PAVEMENT, SIDEWALKS, RAMPS, OR DRIVEWAYS.
 ALL SIDEWALKS AND RAMPS WITHIN PUBLIC RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG).

SPECIAL REQUIREMENTS FOR SIDEWALK RAMP CONSTRUCTION
 SIDEWALK RAMPS SHALL BE CONSTRUCTED USING 6" THICK PAVEMENT CLASS CONCRETE (4000 PSI) AS DETAILED IN THE STANDARD TECHNICAL SPECIFICATIONS.
 EXPANSION JOINTS SHALL BE SEALED WITH APPROVED JOINT SEALANT WHERE SIDEWALKS AND DRIVE ENTRANCES (COMMERCIAL AND RESIDENTIAL) INTERSECT WITH PAVEMENT CURB.
 DETECTABLE WARNING SYSTEMS SHALL MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
 THE TRUNCATED DOME AREA SHALL BE A MAXIMUM WIDTH OF THE SIDEWALK RAMP OR MEDIAN RAMP. WIDER MEDIAN ISLANDS WILL RESULT IN A GAP BETWEEN THE TRUNCATED DOME AREAS.
 THE TRUNCATED DOME AREA SHALL BE A CONTRASTING COLOR TO THE ADJACENT SURFACES.
 DETECTABLE WARNING PANELS SHALL NOT BE CUT. BRICKS MAY BE SAW CUT BUT ANY BRICK SHALL NOT BE LESS THAN 25% OF A FULL BRICK.
 THE ADA SOLUTIONS CAST IN PLACE DETECTABLE WARNING PANELS, ANTI-ROSCAST DETECTABLE WARNING PANELS, PAVESTONE DETECTABLE WARNING PAVERS OR APPROVED EQUAL SHALL BE USED IN ALL SIDEWALK RAMPS.
 DETECTABLE WARNING SYSTEMS SHALL BE PLACED ALONG THE BACK OF CURB OR AT A MAXIMUM DISTANCE OF 5 FEET FROM BACK OF CURB. TRUNCATED DOMES SHALL BE ALIGNED WITH THE DIRECTION OF TRAVEL, OR MAY BE PLACED ON RADIAL LINES IN RADIIUS TACTILE PATTERNS.
 MORTAR SAND SHALL MEET THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS.
 THE SIDEWALK RAMP WILL BE BID AS "SIDEWALK RAMP" AND PAYMENT FOR THIS WORK WILL BE MEASURED BY THE SQUARE FOOT, MAXIMUM 6 FEET CENTERLINE PAY LENGTH.
 ALL MATERIALS AND LABOR TO INSTALL THE SIDEWALK RAMP SHALL BE SUBSIDIARY TO THE BID ITEM "SIDEWALK RAMP".

NO.	DATE:	REVISION	BY:	APP'D
7	May 2016	Lightened lines, added No. Exp. Jt. @B/C/D	DHS	SB
6	June 2015	Added Grade Break at & Updated Notes	DHS	SB
5	March 2013	Mod. Bar Spacing @ ret wall & bar size	DHS	SB
4	Feb. 2013	Add. Radial Ramps and Rearranged sheet	BC	SB
3	Aug. 2011	Add. Access-Tile Remy.Sys. to Spec. Req.	DHS	SB
2	Dec. 2009	Mod. S/W Details & cross slope to 2%	DHS	SB
1	Feb. 2008	Add. Armor-Tile Sys. & Mod. All Iso. Det.	DHS	SB



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 Phone: (785) 368-3842 • Fax: (785) 368-3881

RAMP & WALK DETAILS
 (01-004)
 DATE: Month Year
 SHEET: X of X
 PROJ.: XXXXXXXX