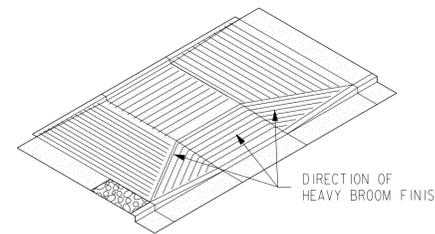


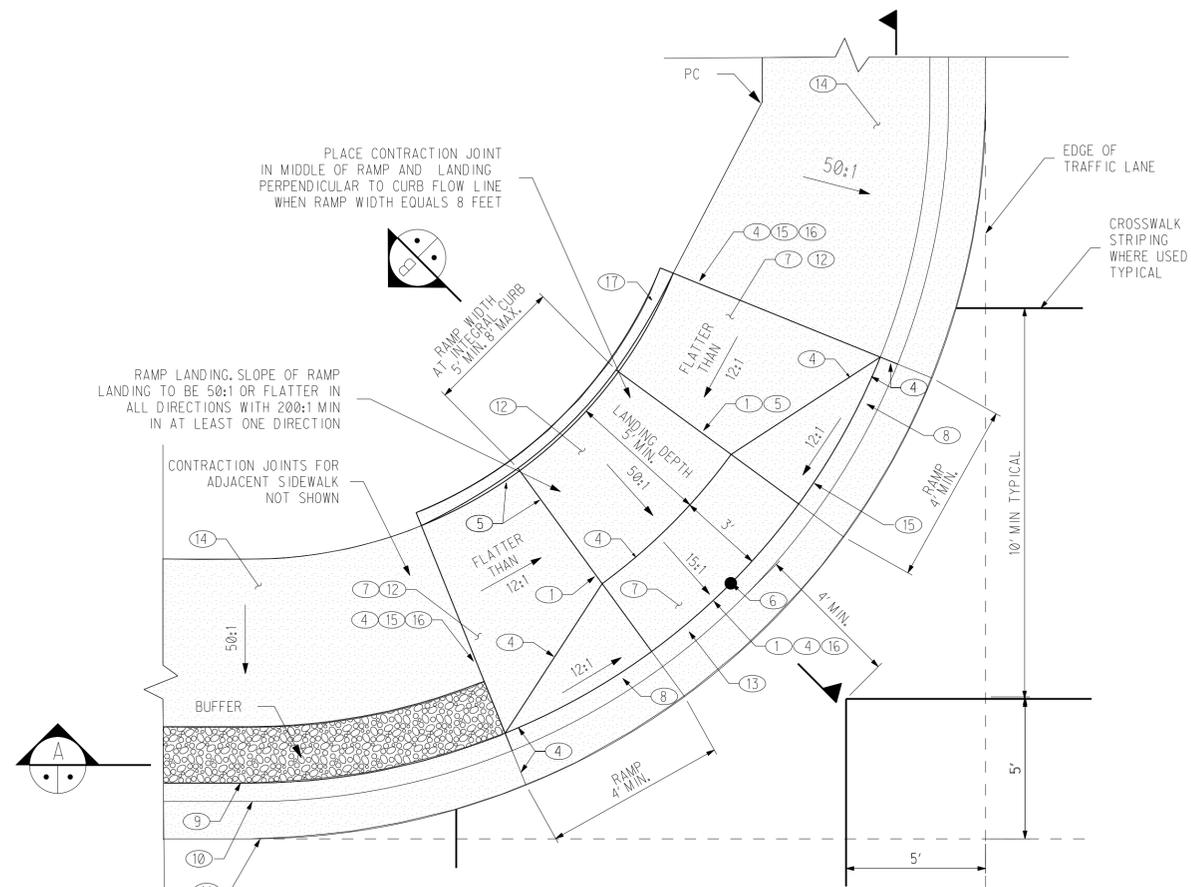
DIRECTION OF HEAVY BROOM FINISH

CURB RAMP TYPE 3R

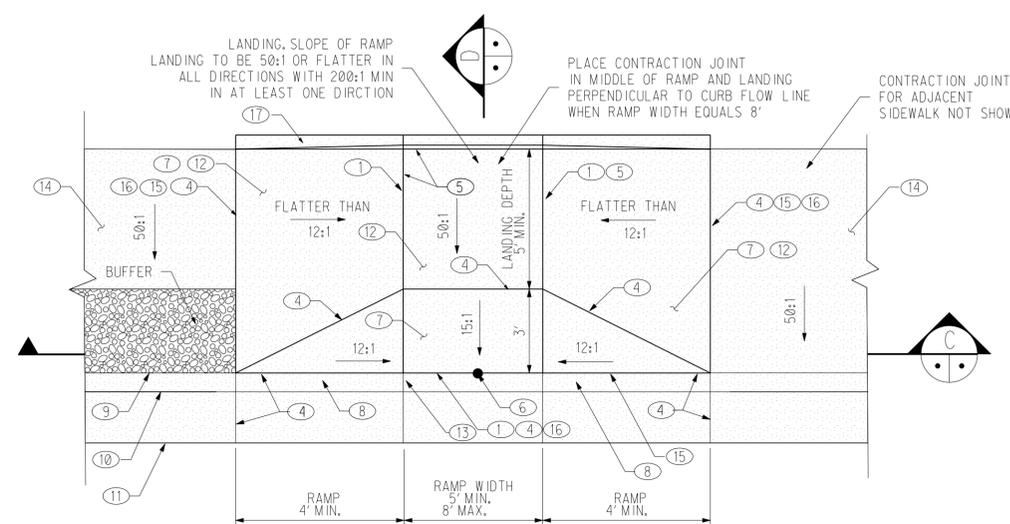


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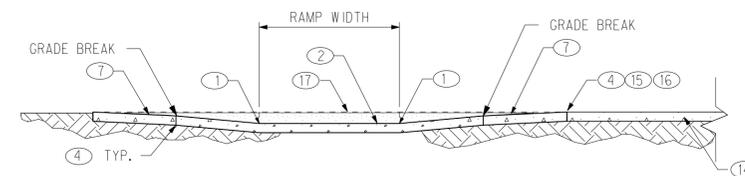
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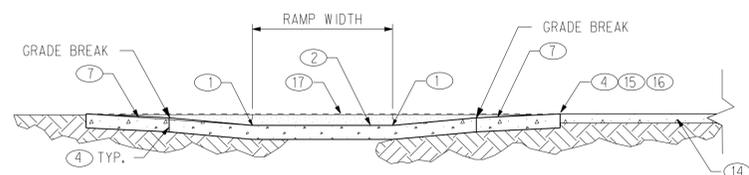
CURB RAMP TYPE 3R PLAN



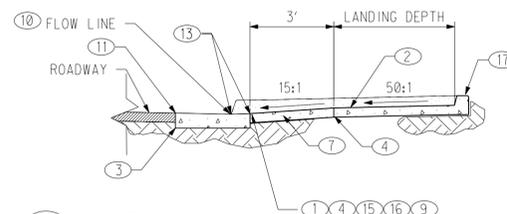
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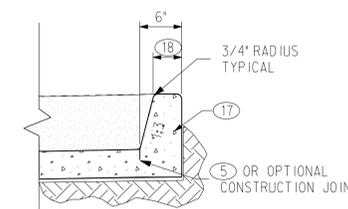
SECTION A



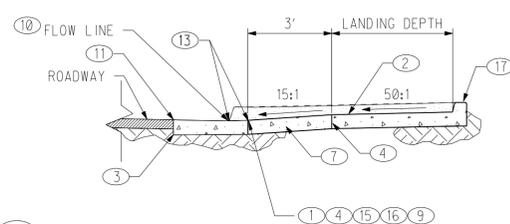
SECTION B



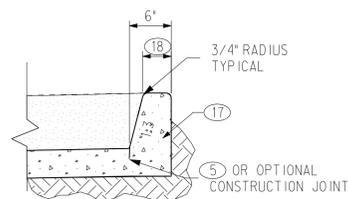
SECTION C



SECTION D



SECTION A



SECTION B

GENERAL NOTES

- DEVIATIONS FROM THIS STANDARD SHALL BE SUBMITTED TO SNL SDR FOR APPROVAL PRIOR TO CONSTRUCTION.
- TACTILE WARNING DEVICES ARE NOT TO BE USED UNLESS FUNDING IS FROM US DOT OR US TRANSIT AUTHORITY. POLICY BASED ON CONVERSATION WITH JIM PECK WITH US ACCESS BOARD AUGUST 2006.
- AVOID PLACING DRAINAGE STRUCTURES, TRAFFIC SIGNAL EQUIPMENT, JUNCTION BOXES, OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS OR WITHIN RAMP.
- GUTTER FLOW LINE PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA.
- IF ADJACENT SIDEWALK IS LESS THAN 8 FEET WIDE, WIDEN SIDEWALK TO 8 FEET ADJACENT TO CURB AS SHOWN OR ACCORDING TO STANDARD SIDEWALK TRANSITION DETAIL.
- CURB RAMP TYPE 3R, THE TYPE 3 CURB RAMP IN A RADIUS, IS NOT TO BE USED ON RETURNS WHERE THE FLOW LINE RADIUS IS LESS THAN 22.5 FEET. SEE TYPICAL CURB RAMP LOCATIONS SHEET FOR ADDITIONAL GUIDANCE.
- CURB RAMP TYPE 3R: CONCRETE, THICKNESS, SUBGRADE PREPARATION, AND COMPACTION FOR THIS CURB RAMP IS TO BE THE SAME AS FOR DRIVEWAYS UNLESS OTHERWISE NOTED.
- CROSSWALK MARKINGS ONLY TO BE INSTALLED AT THE DIRECTION OF THE SNL TRAFFIC SYSTEM ENGINEER.
- CURB RAMP TYPE 3: CONCRETE, THICKNESS, SUBGRADE PREPARATION, AND COMPACTION FOR THIS CURB RAMP IS TO BE THE SAME AS FOR SIDEWALKS UNLESS OTHERWISE NOTED.
- WHEN RAMP WIDTH IS GREATER THAN 6 FEET, CONSULT WITH SNL TRAFFIC SYSTEM ENGINEER TO DETERMINE IF A BOLLARD IS REQUIRED.

KEYED NOTES

- TOE OF RAMP
- RAMP SURFACE
- CURB & GUTTER
- 1/2 INCH EXPANSION JOINT
- CONTRACTION JOINT OR CONTROL JOINT
- LOCATION POINT AT CENTER OF RAMP WIDTH AND BACK OF CURB
- DOWN RAMP
- CURB TRANSITION SO THAT TOP OF BACK OF CURB IS FLUSH WITH TOP OF RAMP
- BACK OF CURB
- FACE OF CURB/FLOW LINE
- LIP OF GUTTER
- HEAVY BROOM FINISH TRANSVERSE TO SLOPES OF RAMP AS SHOWN IN PERSPECTIVE.
- PROVIDE SMOOTH TRANSITION (NO LIP) FROM GUTTER FLOW LINE TO BACK OF CURB AT TOE OF RAMP WITH A 0.03-FOOT ELEVATION DIFFERENCE
- SIDEWALK. SEE SIDEWALK STANDARD DRAWING CP1008STD
- LIMITS OF CURB RAMP, TYPICAL
- MATCH ADJACENT SIDEWALK/CURB & GUTTER GRADE
- INTEGRAL CURB TO BE CONSIDERED PART OF CURB RAMP. REMOVE INTEGRAL CURB IF ITS MAXIMUM HEIGHT WILL BE LESS THAN 3 INCHES AT RAMP LANDING.
- VARIES WITH HEIGHT OF INTEGRAL CURB WITH 3-INCH MINIMUM. WIDEN INTEGRAL CURB AS NEEDED FOR 3-INCH MIN IF WIDTH WILL BE LESS THAN 3 INCHES.

DRAWING CALLOUT REQUIREMENTS

- RAMP LOCATION BASED ON THE LOCATION POINT SHOWN (6). IF LOCATION POINT METHOD NOT APPLICABLE, PROVIDE ALTERNATE LOCATION METHOD.
- RAMP WIDTH
- LANDING DEPTH

OLD FILENAME: OLD FILENAME	SIZE	DRAWING NO
FILENAME: FILENAME	D+	CP1013STD

P.O.	REV	DATE	DESCRIPTION	DWN	CKD	APP
U.S. DEPARTMENT OF ENERGY						
NNSA/SANDIA SITE OFFICE			ALBUQUERQUE, NEW MEXICO			
SANDIA NATIONAL LABORATORIES						
CURB RAMP TYPE 3 AND 3R			P.O.			
			PROJECT NO.			
			DRAWN BY	JWR		
			CHECKED BY	FGL		
			SNL ENGR	FGL		
DISCIP: C	SUB-DISCIP: P	STD	DATE	7/30/07	SEQ.	