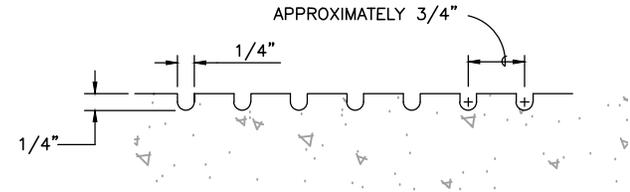


PROVIDE 24"X48" DETECTABLE WARNING SURFACE (TRUNCATED DOMES) AS PER CBC SEC. 11B-705.

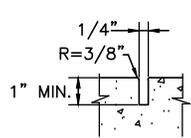
FLUSH WITH GUTTER, NO LIP. BACK OF CURB SHALL BE PERPENDICULAR WITH DETECTABLE WARNING SURFACE AT PATH OF TRAVEL ONLY.

**NOTES:**

- 1.- THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4" IN CENTER. SEE GROOVING DETAIL. THE SURFACE OF RAMP SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK EXCEPT WHEN LOCATED IN CENTER OF CURB RETURN.
- 2.- WHEN RAMP IS LOCATED IN CENTER OF CURB RETURN, IT SHALL BE TRANSVERSE BROOMED ALIGNED PARALLEL TO CROSSWALK WITH 1/4" GROOVES APPROXIMATELY 3/4" ON CENTER. SEE GROOVING DETAIL. GROOVES SHALL BE ALIGNED PARALLEL TO CROSSWALK LINES OR PARALLEL TO THE PROLONGATION OF CURBS WHEN THERE ARE NO CROSSWALK LINES.
- 3.- ACCESS RAMP SHALL BE CONSTRUCTED WITH 5" THICK OVER 8" OF CLASS II AGGREGATE BASE.
- 4.- RAMPS LOCATED OTHER THAN SHOWN, SHALL BE APPROVED BY THE CITY ENGINEER.
- 5.- EXPANSION JOINTS TO BE INSTALLED AT BOTH RAMP ENDS.
- 6.- HANDICAP RAMP AND CURB SHALL NOT BE POURED MONOLITHIC.
- 7.- SUBGRADE TO BE 8" COMPACTED 90% OF ASTM D1557 MAXIMUM DRY DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
- 8.- USE 2" OF SAND FOR LEVELING (FINE GRADING) GRADE.
- 9.- ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING ITS USE, TO ADEQUATELY ENSURE PUBLIC SAFETY.
- 10.- HANDICAP RAMP SHALL BE CLASS "B" CONCRETE WHICH SHALL ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI IN ACCORDANCE WITH ASTM C39/C39M-99 AND SHALL CONTAIN 1-1/2 LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBERMESH CO., FORTA MONO, O.A.E.

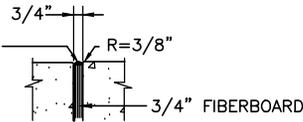


**GROOVING DETAIL**

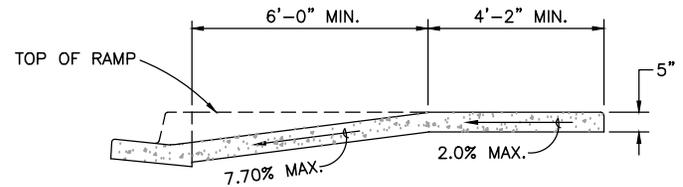


**WEAKENED PLANE JOINT**

FILL WITH SIKAFLEX JOINT SEALER OR APPROVED EQUAL. EXTEND JOINT SEALANT ACROSS GUTTER AND 3" UPCURB FACE, ALL JOINTS AND ADD SILICA SAND.



**EXPANSION JOINT**



**SECTION A-A**



**TYPICAL CORNER ONE  
ADA RAMP DETAIL**

SHEET: **1**  
OF: **1**

IN THE CITY OF IMPERIAL, CALIFORNIA	DATE: 01/17/19	DRAWN: A.A.
STD. DET. NO. 23	NOT TO SCALE	REVIEWED: J.V. APPROVED: O.M.