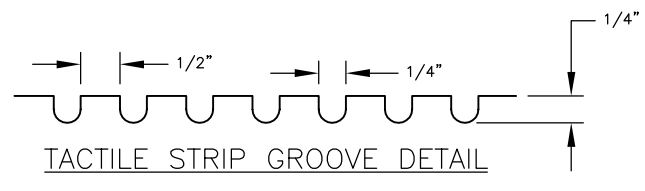
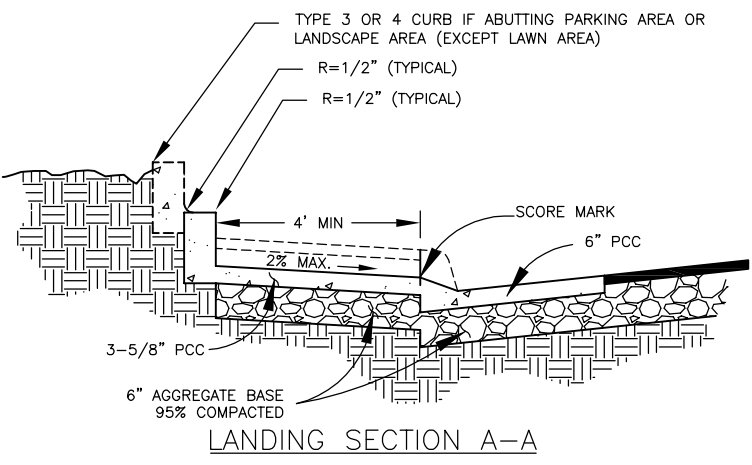


3'x4' CAST IN PLACE PREFABRICATED DETECTABLE WARNING SURFACE, COMPOSED OF A VITRIFIED POLYMER INCLUDING ALUMINUM OXIDE ("ARMOR-TILE" OR APPROVED EQUAL) COLOR TO BE SAFETY YELLOW. DOMES TO BE "IN-LINE", PARALLEL TO CURBING, WITH A HEIGHT OF 0.2", BASE DIAMETER OF 0.9", AND TOP DIAMETER OF 0.45", SPACED 1.66" O.C. (2.35 O.C. ON THE DIAGONAL). FIELD SURFACE AND TOP OF DOMES TO HAVE A DOTTED TEXTURE FOR SLIP RESISTANCE. DENSITY OF DOTS IN FILED AREA TO BE 30 PER SQUARE INCH MINIMUM.



| SLOPE OF GUTTER | 'A' FOR TYPE 2 CURB |
|-----------------|---------------------|
| 0.5% to 0.6% | 6'-6" |
| >0.6% to 1.1% | 7'-0" |
| >1.1% to 1.6% | 7'-6" |
| >1.6% to 2.0% | 8'-0" |
| >2.0% to 2.4% | 8'-6" |
| >2.4% to 2.7% | 9'-0" |
| >2.7% to 3.0% | 9'-6" |
| >3.0% to 3.3% | 10'-0" |
| >3.3% | SEE NOTE #4 |

| SLOPE OF GUTTER | 'A' FOR TYPE 1/1A CURB |
|-----------------|------------------------|
| 0.5% to 0.7% | 4'-0" |
| >0.7% to 1.6% | 4'-6" |
| >1.6% to 2.2% | 5'-0" |
| >2.2% to 2.8% | 5'-6" |
| >2.8% to 3.2% | 6'-0" |
| >3.2% to 3.6% | 6'-6" |
| >3.6% to 4.0% | 7'-0" |
| >4.0% to 4.3% | 7'-6" |
| >4.3% | SEE NOTE #4 |

| CURB TYPE | TYPE 1/1A | TYPE 2 |
|-----------|-----------|--------|
| DIM 'B' | 3'-6" | 6'-0" |

| CURB TYPE | TYPE 1/1A | TYPE 2 |
|-----------|-----------|--------|
| DIM 'C' | 3-5/8" | 6" |

NOTE:

1. DIMENSIONS 'A' IS THE LENGTH OF THE INCLINED PORTION OF THE RAMP THAT SLOPES IN THE SAME DIRECTION AS THE FLOW OF THE GUTTER.
2. DIMENSIONS 'B' IS THE LENGTH OF THE INCLINED PORTION OF THE RAMP THAT SLOPES IN THE OPPOSITE DIRECTION AS THE FLOW OF THE GUTTER.
3. RAMPS SHALL HAVE A HEAVY BROOM FINISH TRANSVERSE TO THEIR SLOPE.
4. REQUIRES SPECIAL DESIGN APPROVAL BY THE CITY ENGINEER.
5. NO PULL BOX, UTILITY VAULT, UTILITY POLE, MANHOLE, OR SIMILAR APPURTENANCE SHALL BE LOCATED WITHIN SIDEWALK RAMP AREA.

| | | | | | | | |
|---------------------|--|--------------|--|----------------------------------|--|----------------|--|
| DATE: 02/12/2007 | | NOT TO SCALE | | CITY OF ELK GROVE - PUBLIC WORKS | | APPROVED BY: | |
| REVISION | | DATE | | | | CITY ENGINEER | |
| | | | | SIDEWALK RAMPS DETAIL | | DRAWING NUMBER | |
| | | | | | | ST - 29 | |
| | | | | | | | |
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