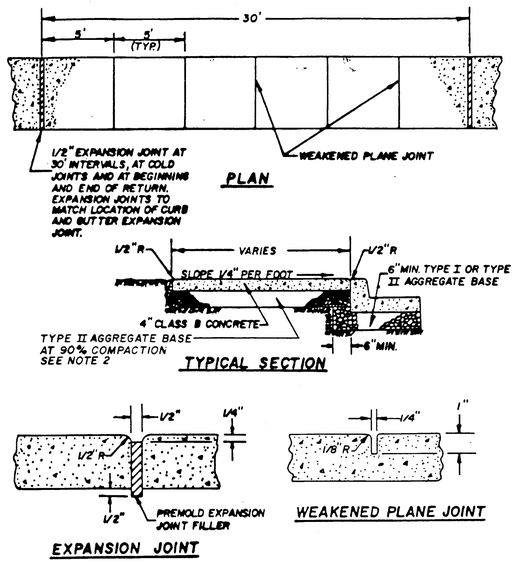
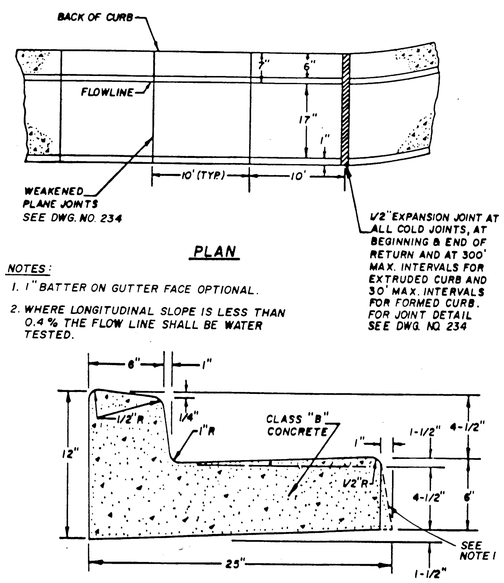


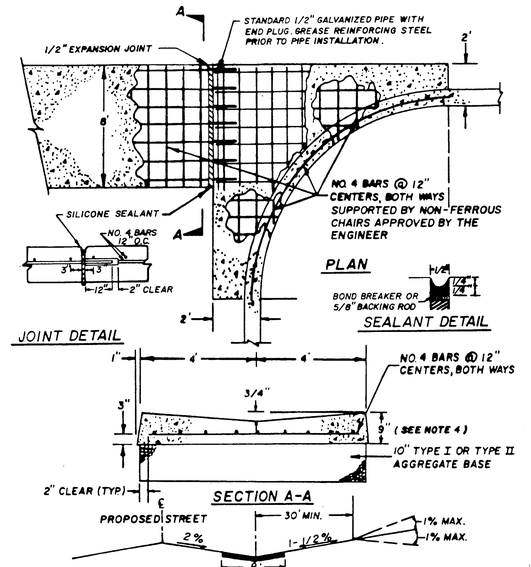
NOTE:

1. ON ALL CURB RETURNS A 1/2" EXPANSION JOINT SHALL BE CONSTRUCTED BETWEEN THE BACK OF CURB AND THE SIDEWALK FOR THE ENTIRE LENGTH OF THE RETURN.
2. THE TYPE II AGGREGATE BASE THICKNESS IS SHOWN ON THE TYPICAL SECTION DRAWINGS 202 - 207.
3. LONGITUDINAL WEAKENED PLANE JOINT REQUIRED AT MIDPOINT OF SIDEWALK 10' OR WIDER.

③ CONSTRUCT CONCRETE SIDEWALK PER STD DWG 234



④ CONSTRUCT "L" TYPE CURB AND GUTTER PER STD DWG 216

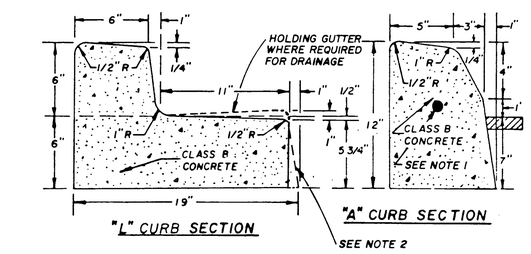


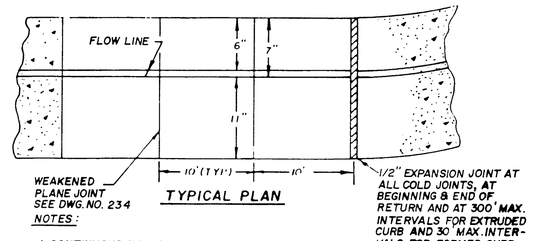
TYPICAL PROFILE AT LOCAL RESIDENTIAL STREET INTERSECTIONS

NOTES:

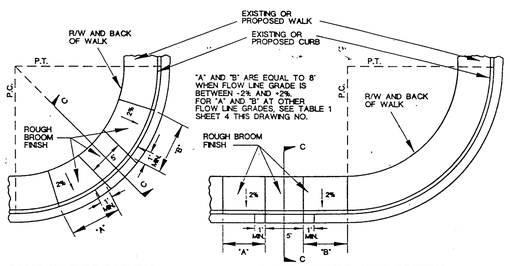
1. ALL CONCRETE SHALL BE CLASS B.
2. FINISHED ASPHALT CONCRETE SURFACE TO BE FLUSH WITH GROSS GUTTER LIP.
3. CONSTRUCTION OF CROSS GUTTER IS NOT ALLOWED ACROSS MAJOR COLLECTOR OR ARTERIAL STREETS.
4. ADJACENT SPANDREL SHALL BE 9" THICK P.C.C.

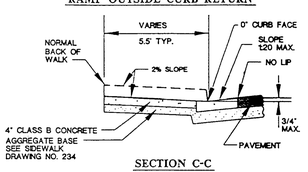
⑤ CONSTRUCT 8' CROSS GUTTER PER STD DWG 228

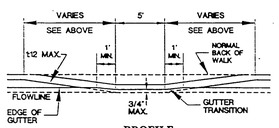




㉑ CONSTRUCT MODIFIED "A" TYPE ISLAND CURB WITH 12" CURB FACE PER STD DWG 219







CASE III TO BE USED FOR AREAS WHERE OBSTRUCTION (I.E. BLOCK WALL) EXISTS AT BACK OF WALK ONLY WHEN APPROVED BY THE ENGINEER.

NOTES:

1. SIDEWALK RAMP WITHIN CURB RETURN SHALL BE LOCATED AT THE MIDPOINT OF CURB RETURN UNLESS OTHERWISE APPROVED.
2. SIDEWALK RAMPS OUTSIDE OF THE CURB RETURN SHALL BE LOCATED ADJACENT TO THE RETURN UNLESS OTHERWISE APPROVED.
3. RAMPS SHALL BE CONSTRUCTED WITH A ROUGH BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
4. WHEN CONSTRUCTING RAMP WHERE CURB & GUTTER EXISTS, COMPLETELY REMOVE INTERFERING PORTIONS OF EXISTING CURB & GUTTER.
5. DETECTABLE WARNING CONSISTING OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN., A HEIGHT OF NOMINAL 0.2 IN. AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 IN. AND CONTRASTING VISUALLY WITH ADJOINING SURFACES MAY BE PLACED ON RAMP EXTENDING THE FULL WIDTH AND DEPTH OF THE RAMP.

GRADE (%) "B" TO "A"	"A" (FT) MIN.	"B" (FT) MIN.
-6 TO -5.01	4.5	21.5
-5 TO -4.01	4.5	15.0
-4 TO -3.01	4.5	12.0
-3 TO -2.01	4.5	9.5
-2 TO 2	8.0	8.0
2.01 TO 3	9.5	4.5
3.01 TO 4	12.0	4.5
4.01 TO 5	15.0	4.5
5.01 TO 6	21.5	4.5

TABLE 1. TRANSITION LENGTHS FOR 1:12 SIDE SLOPES

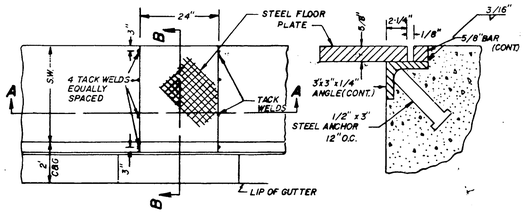
GRADE (%) "B" TO "A"	"A" (FT) MIN.	"B" (FT) MIN.
-6 TO -5.01	4.0	12.5
-5 TO -4.01	4.0	10.0
-4 TO -3.01	4.0	8.5
-3 TO -2.01	4.0	7.5
-2 TO 2	6.5	6.5
2.01 TO 3	7.5	4.0
3.01 TO 4	8.5	4.0
4.01 TO 5	10.0	4.0
5.01 TO 6	12.5	4.0

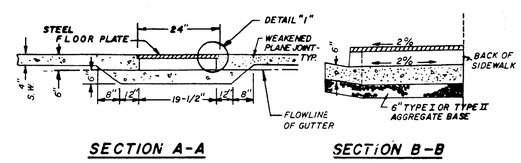
TABLE 2. TRANSITION LENGTHS FOR 1:10 SIDE SLOPES

NOTE:

CHARTS APPLY TO CURB WITH 6" CURB FACE. IF CURB HAS GREATER THAN A 6" CURB FACE, A SPECIAL DESIGN IS REQUIRED.

⑥ CONSTRUCT SIDEWALK RAMP PER STD DWG 235 (TYPE PER PLAN)

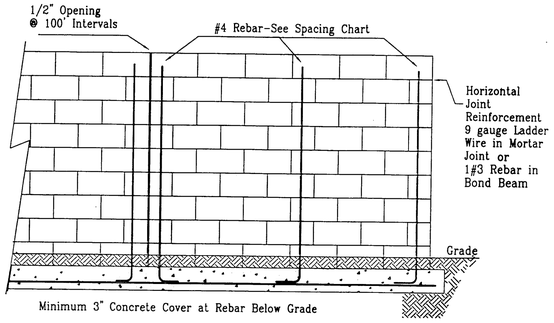


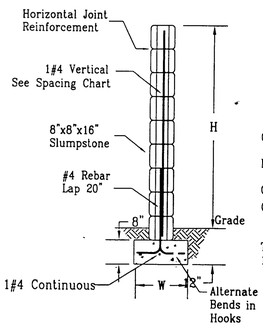


NOTES:

1. IF WIDTH OF PLATE IS GREATER THAN 24", A SPECIAL DESIGN IS REQUIRED
2. ALL EXPOSED METAL PARTS SHALL BE GALVANIZED AND ALL GALVANIZING DAMAGED BY FABRICATION OR INSTALLATION SHALL RECEIVE TWO COATS OF ALUMINUM PAINT (GALVONOX OR EQUAL)
3. MAX OPENING 6" - 5/8" = 5 3/8" WITH 6"F

⑦ CONSTRUCT SIDEWALK UNDER DRAIN PER STD DWG 236





Wall Height	Min. Wall Thickness	Rebar Spacing	Width of Footing
4'0"	6"	48"oc	12"
5'0"	8"	48"oc	14"
6'0"	8"	48"oc	16"
7'0"	8"	32"oc	20"
8'0"	8"	32"oc	22"

Grout Proportions; 1 Part Cement, 3 Parts Sand, 2 Parts Pea Gravel
Mortar Proportions: 1 Part Cement, 1/2 Part Lime, 4 1/2 Parts Sand
Concrete Minimum 2000 psi
Grout All Cells With Rebar

Typical Hook is Minimum 12 Bar Diameters 6" for #4

INSPECTIONS REQUIRED
1. Footings Prior to Placing Concrete
2. Wall Steel Prior to Grouting
3. Final Inspection After Completion

⑯ CONSTRUCT C. M. U. FENCE PER STD B-102

REVISION | BY | DATE

LAURICH PROPERTIES, INC. (K-MART #9389)
2500 WEST SAHARA AVENUE, SUITE 211
LAS VEGAS, NV 89102
(702) 220-4500

AGRA Infrastructure Inc.
ENGINEERING GLOBAL SOLUTIONS
3016 W. CHARLESTON BOULEVARD, SUITE 180
LAS VEGAS, NEVADA 89102
PHONE: (702) 878-3617 FAX: (702) 878-3716

STANDARD DETAIL SHEET

K-MART #9389
7500 BLOCK OF WASHINGTON AVENUE
300' EAST OF BUFFALO DRIVE
CITY OF LAS VEGAS NEVADA

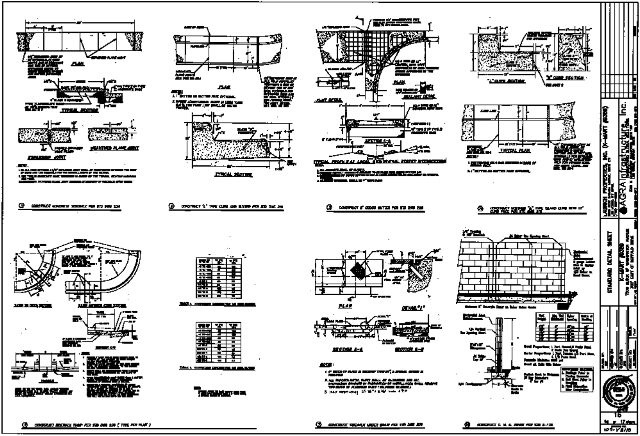
DRAWN BY: RME
DESIGNED BY: JW
CHECKED BY: DPG
SCALE: 1"=40'
PROJECT NO: 02-1998-130

KEVIN K. ELLIOTT
CIVIL
No. 12758
STATE OF NEVADA
PROFESSIONAL ENGINEER
5-21-99

15
15 OF 17 SHEETS
DRAWING NO.
107-V3110

J:\1998\100\1998130\8130st02.dwg Mon May 10 11:05:47 1999

16843



PLAN
TYPICAL SECTION
WEAKENED PLANE JOINT
CONSTRUCT CONCRETE SIDEWALK PER STD DWG 154
PLAN
TYPICAL SECTION
CONSTRUCT "A" TYPE CURB AND GUTTER PER STD DWG 2
PLAN
JOINT DETAIL
SECTION A-A
CONSTRUCT 8" CROSS GUTTER PER STD DWG 2
TYPICAL PLAN
CONSTRUCT SIDEWALK RAMP PER STD DWG (TYPE PER PLAN)
PLAN
DETAIL "1"
SECTION A-A
SECTION B-B
CONSTRUCT SIDEWALK UNDER DRAIN PER STD DWG
STANDARD DETAIL SHEET
LAURICH PROPERTIES, INC.
K-MART
AGRA Infrastructures Inc.
16