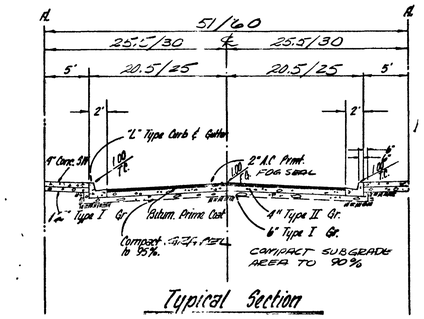
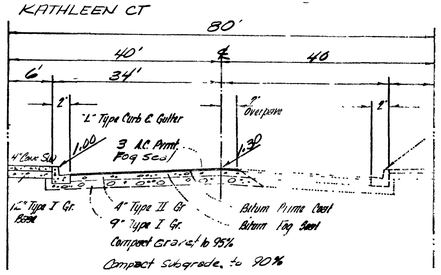
10-7-133

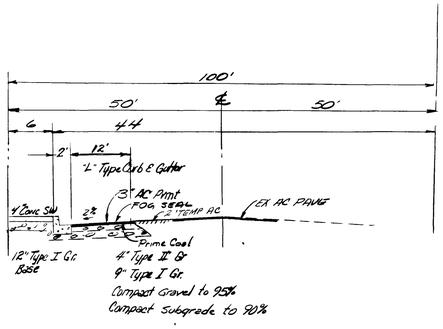


Typical Section

DIAMOND HEAD
JULENE CT
KATHLEEN CT
PERRY CT
OLETA CT

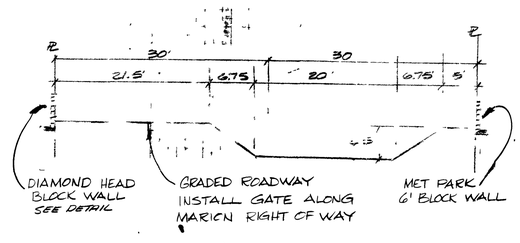


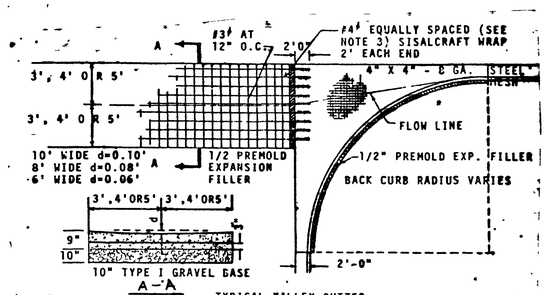
Typical Half Street Section
w/ 2" Overpave
MARION DRIVE



Typical Half Street Section

BONANZA RD.

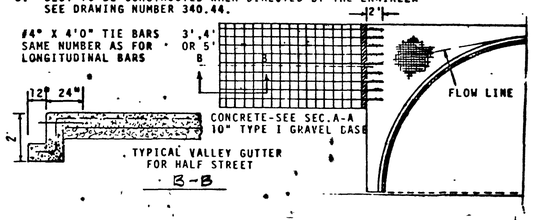




A-A

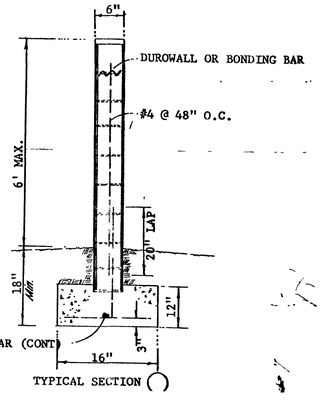
TYPICAL VALLEY GUTTER

NOTES:
1. CONCRETE TO BE : 6A 3500 CONCRETE
2. 8' & 10' GUTTERS TO BE USED ON ALL MAJOR STREETS
   6' VALLEY GUTTERS MAY BE USED ON MINOR, LIGHT TRAVELED STREETS.
3. LONGITUDINAL REINFORCING BARS:
   PLACE 7 - #4 BARS IN 10' VALLEY GUTTER
   PLACE 5 - #4 BARS IN 8' VALLEY GUTTER
   PLACE 3 - #4 BARS IN 6' VALLEY GUTTER
4. TRANSVERSE REINFORCING BARS:
   PLACE #3 BARS AT 12" O.C.
5. STEEL MESH DISCONTINUES AT EXPANSION JOINT
6. SLOT TO BE CONSTRUCTED WHEN DIRECTED BY THE ENGINEER
   SEE DRAWING NUMBER 340.44.



B-B

TYPICAL VALLEY GUTTER DETAILS



NOTE:
1. DIFFERENCE IN FG'S SHALL NOT EXCEED 1.5'
2. SECTION — SHALL BE UTILIZED AT END WALLS.
3. AT ANY ANGLE POINT WALL SHALL BE TIED IN WITH DUROWALL OR REINFORCING.

MAXIMUM STRESSES

f_s = 20,000 P.S.I.
f_m = 225 P.S.I.
SHEAR V - 15 P.S.I.
BOND U = 100 P.S.I.
SOIL PRESSURE = 1,000 LBS. PER SQUARE FOOT
CONCRETE TO SOIL FRICTION COEFFICIENT = 0.4

NOTE:

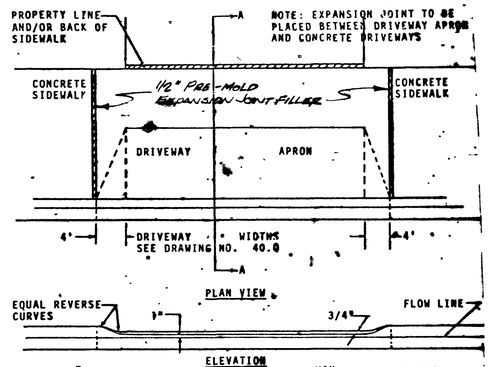
CONCRETE IN FOOTING TO TEST 2,000 LBS PER SQ.IN. AT 28 DAYS
CONCRETE BLOCK - GRADE "A" UNITS A.S.T.M. C-90
GROUT - 1 PART CEMENT, 3 PARTS SAND, 2 PARTS PEA GRAVEL
MORTAR - 1 PART CEMENT, 1/2 PART LIME PUTTY, 4-1/2 PARTS SAND

BENCH MARK

BM CCGD-22 SPIKE IN PP# 57138 NP @ NE CORNER CHARLESTON & LAMB ELEV 1751.71: CHARLESTON GARDENS DATUM - 2.24 WHICH EQUALS DATUM USED FOR DEC. 4, 69 FLOOD STUDY.

NOTE:

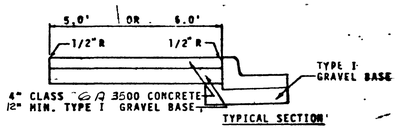
EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED TYPE CURB.



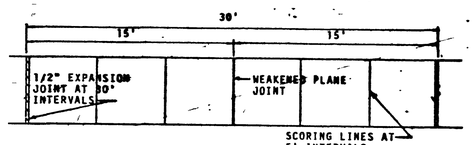
SECTION A-A

VOLUME OF DEPRESSED CURB (C.Y.) = (0.0385) DRIVEWAY WIDTH + (0.3370)

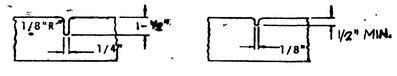
TYPICAL DRIVEWAY DETAIL



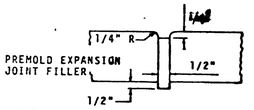
TYPICAL SECTION



PLAN VIEW



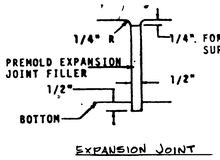
WEAKENED PLANE JOINT SCORING LINE



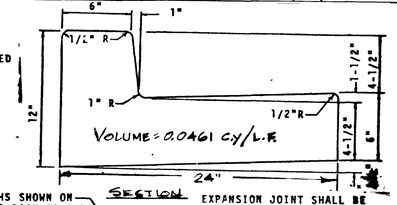
NOTE: SIDEWALK TO SLOPE UP 1/4" PER FOOT FROM BACK OF CURB

EXPANSION JOINT

TYPICAL SIDEWALK DETAILS



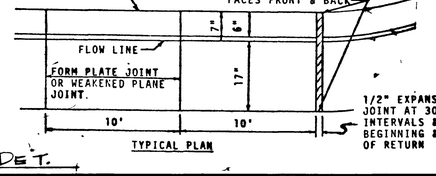
EXPANSION JOINT



SECTION

STREET WIDTHS SHOWN ON PLANS ARE TO BACK OF CURB

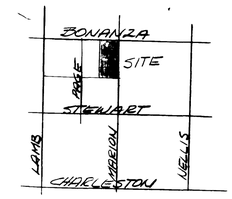
EXPANSION JOINT SHALL BE FLUSH ON UNEXPOSED SURFACES FRONT & BACK



TYPICAL PLAN

1/2" EXPANSION JOINT AT 30' INTERVALS & AT BEGINNING & END OF RETURN

Typ. "L" Type Curb Det.



VICINITY MAP

APPROVED

CLV CITY ENGINEER	9/28/78 DATE
CLV FIELD OPERATIONS ENGINEER	9-27-78 DATE
CLV QUALITY CONTROL ENGINEER	9-27-78 DATE

NOTICE TO CONTRACTOR

1. Contractor shall provide all necessary horizontal and vertical transition between new construction and existing surfaces to provide for proper drainage and of ingress and egress to said construction. Extent of transitions to be determined by the City Engineer.
2. Existing utilities are located on plans for the convenience of the contractor only. The contractor shall bear full responsibility for the protection of utilities and the engineer bears no responsibility for utilities not shown on plans or not in the location shown on the plans.
3. Construction to be per Uniform Standard Specifications and Drawings, Clark County Area, Nevada, 1978 Edition.
4. TYPE V CEMENT TO BE USED IN ALL CONCRETE

QUANTITY ESTIMATE

NO.	ITEM	AMOUNT	
1	3" A. C. Paving	5654	S.Y.
2	2" A. C. Paving	12,525	S.Y.
3	Concrete Valley Gutter	3027	S.F.
4	Curb and Gutter	7225	L.F.
5	5' Sidewalk	20254	S.F.
6	6' Sidewalk	8743	S.F.
7	5' x 6" Driveway Approaches	3900	S.F.
8	6' x 6" Driveway Approaches	389	S.F.
9	2" TEMP A C Paving	1290	SY
10	CLV STANDARD BARRICADE	1	EA

ENGINEER'S CERTIFICATE

I hereby certify that these plans and/or specifications comply with F.H.A. objectives, minimum property standards and neighborhood requirements and represents the best of my judgment.

Charley R Johnson 6/14/78
CHARLEY R JOHNSON EPE #3005 Date

VTN nevada
CONSULTING ENGINEERS • PLANNERS
2209 PARADISE ROAD LAS VEGAS NEVADA 89109
702 [illegible]

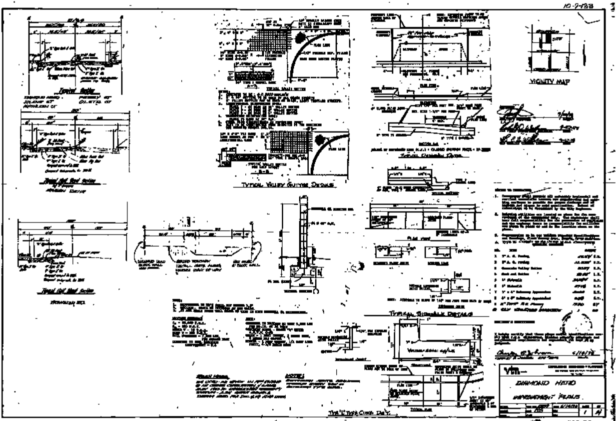
DIAMOND HEAD

IMPROVEMENT PLANS

SCALE:	WO NO. 2587	DATE 6/14/78	SHEET 1	OF 14
HORIZ	DES CDS	REV.		
VERT:	CHK	REV		

4084

107y-1250-1


10-7-138
VICINITY MAP
Typical Section
TYPICAL VALLEY GUTTER DETAILS
Typical Sidewalk Details
Plan View
NOTES
Typ 'L' Type Curb Det.
DIAMOND HEAD
IMPROVEMENT PLANS