

**BENCH MARK**

C.L.V.B.M. 1615B22 BOLT & PLATE IN N.W. CORNER OF WESTLEIGH AVENUE & CASHMAN DRIVE  
ELEVATION: 2132.167

**NOTE:**  
POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO THE CITY OF LAS VEGAS.

**NOTICE TO CONTRACTOR**

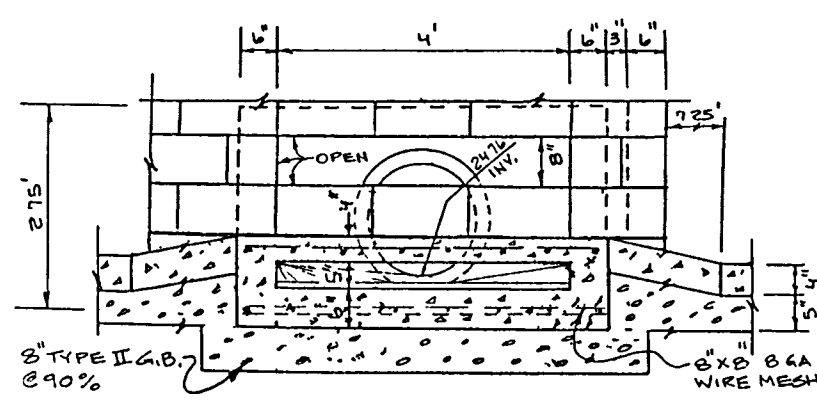
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITION BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND OF INGRESS AND EGRESS TO SAID CONSTRUCTION. EXTENT OF TRANSITIONS TO BE DETERMINED BY THE CITY ENGINEER.
- EXISTING UTILITIES ARE LOCATED ON PLANS 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.
- CONSTRUCTION TO BE PER UNIFORM STANDARD SPECIFICATIONS AND DRAWINGS, CLARK COUNTY AREA, NEVADA.

**EARTH MOVING ESTIMATE**

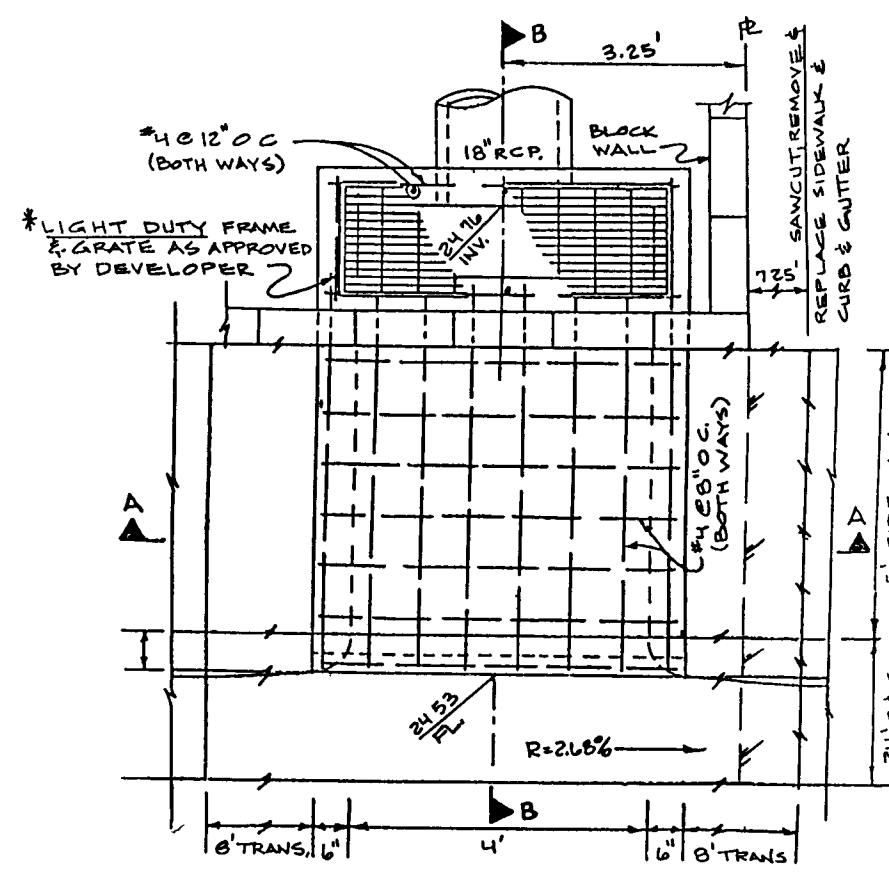
PUBLIC ROADS	181 C.Y.	1 C.Y.	
PRIVATE ROAD	224 C.Y.	95 C.Y.	
BUILDING PADS	-26 C.Y.	5,121 C.Y.	
TOTAL CUT	431 C.Y.	5,217 C.Y.	TOTAL FILL
LESS 10% SHRINKAGE	-43 C.Y.	+549 C.Y.	PLUS 0.2' SUBSIDENCE
ADJUSTED CUT	388 C.Y.	5,766 C.Y.	ADJUSTED FILL
IMPORT	-	5,378 C.Y.	

**STORM DRAIN ESTIMATE**

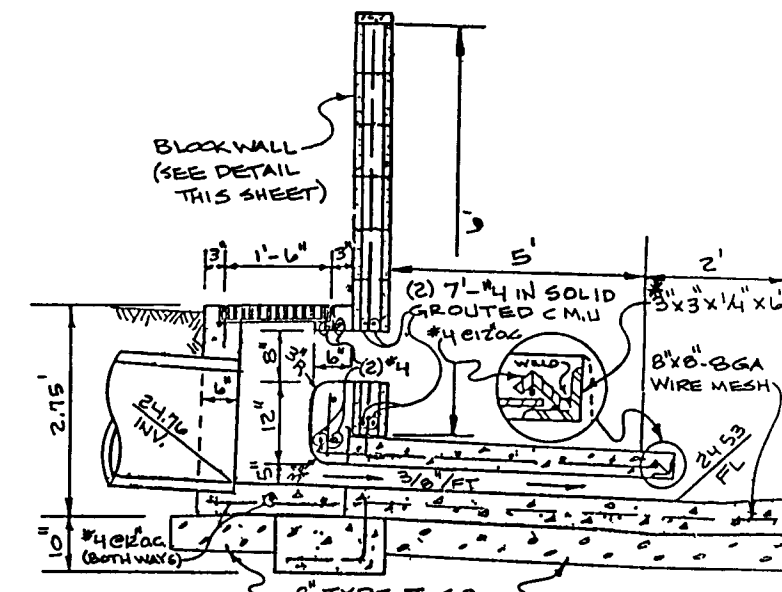
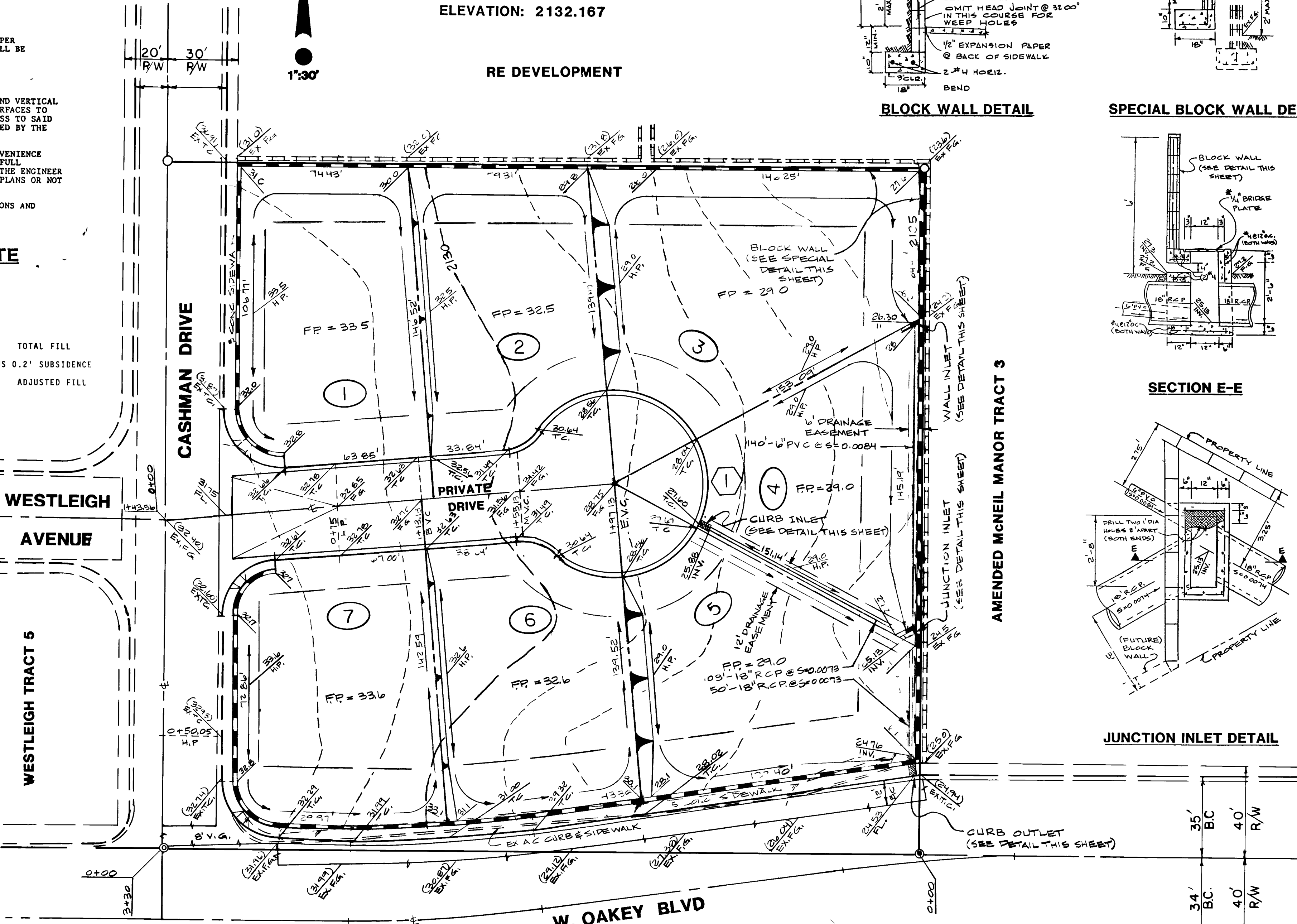
18" R.C.P.	153 L.F.
6" P.V.C.	140 L.F.
CURB INLET	1 EA.
JUNCTION BOX INLET	1 EA.
WALL INLET	1 EA.
CURB INLET	1 EA.



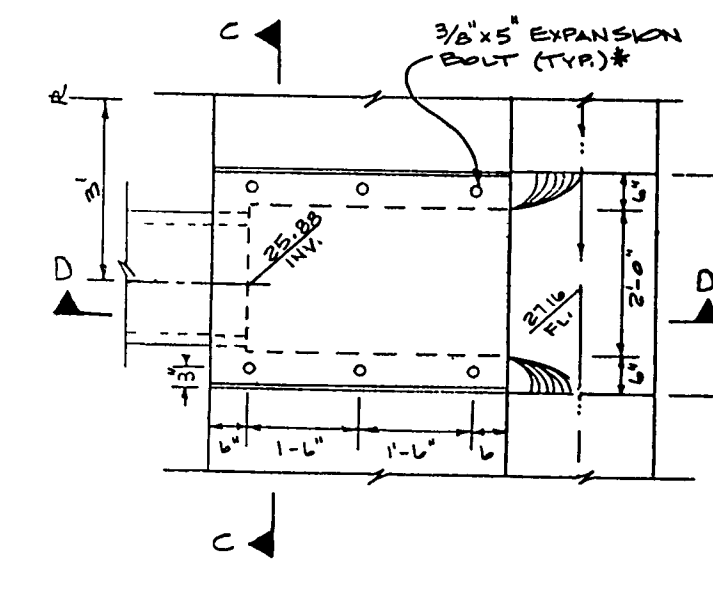
SECTION A-A



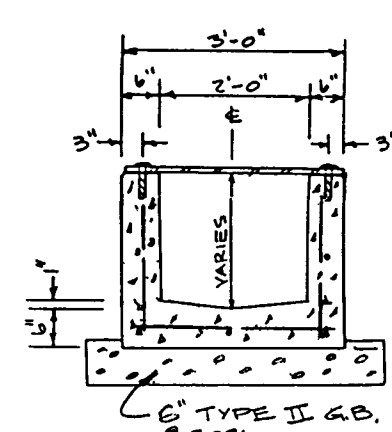
CURB OUTLET DETAIL



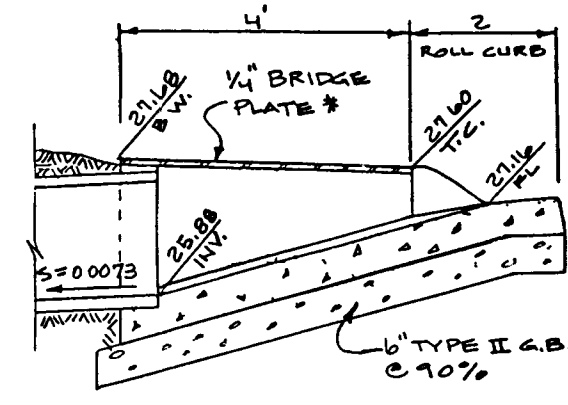
SECTION B-B



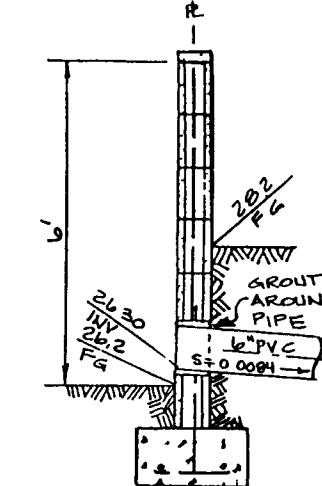
CURB INLET DETAIL



SECTION C-C

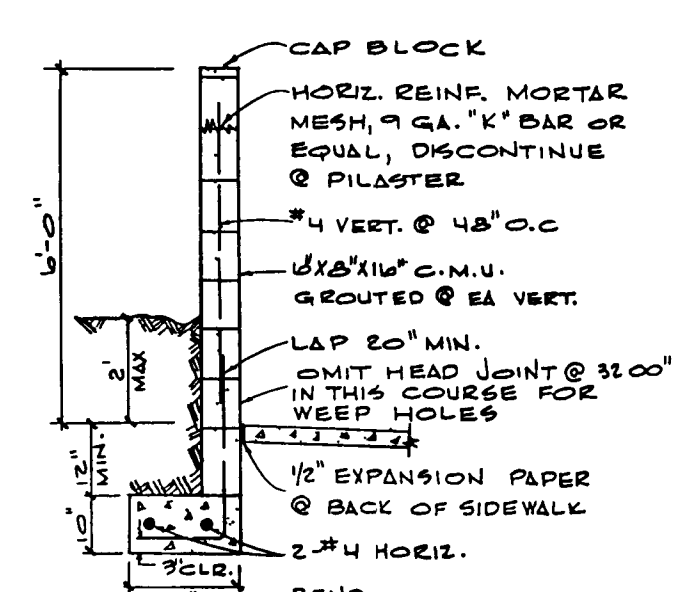


SECTION D-D

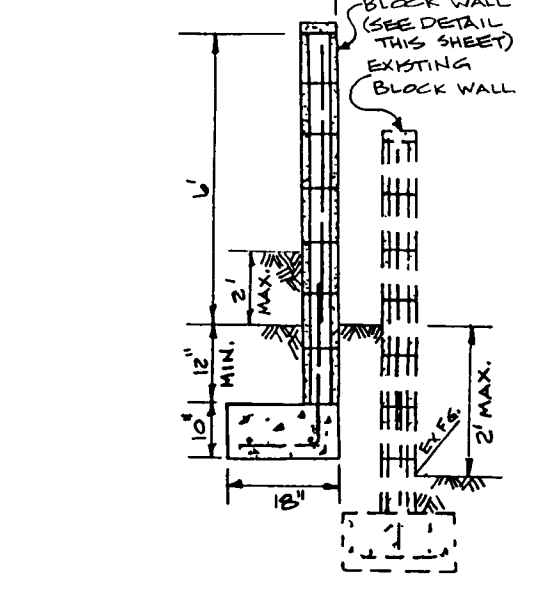


WALL INLET DETAIL

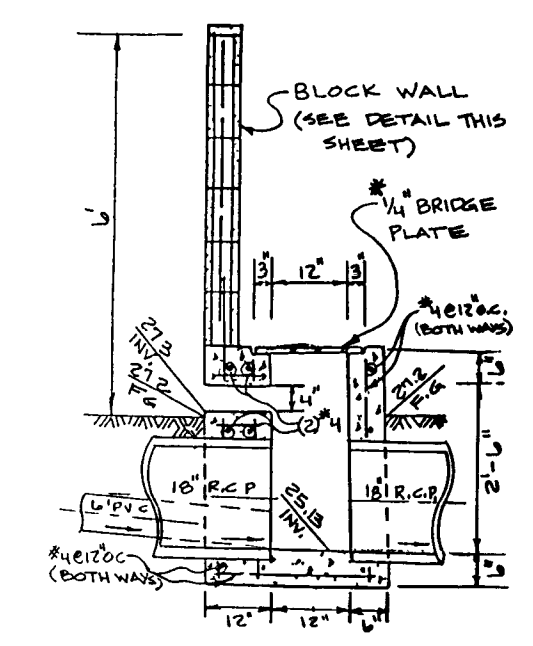
**NOTE:**  
ALL EXPOSED METAL PARTS SHALL BE GALVANIZED AND ALL GALVANIZING DAMAGED BY FABRICATION OR INSTALLATION SHALL RECEIVE TWO COATS OF ALUMINUM PAINT. (Galvinox or Equal)



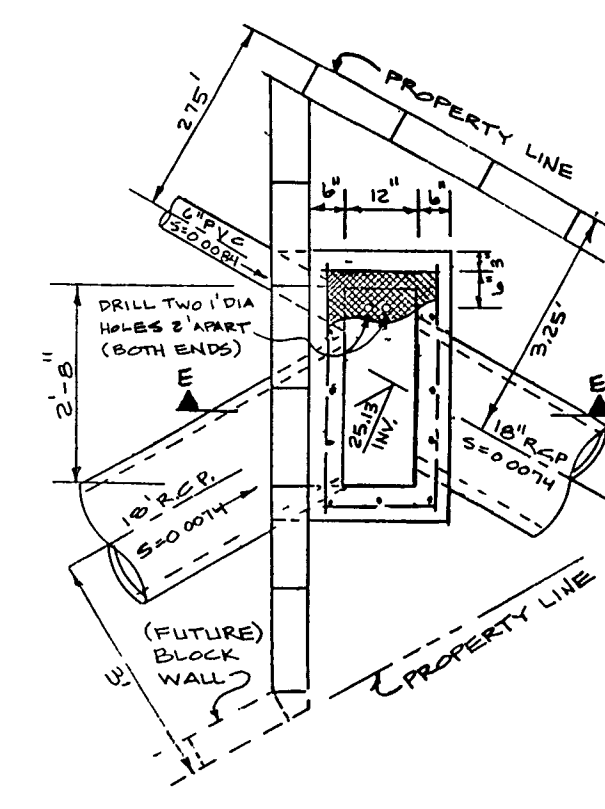
BLOCK WALL DETAIL



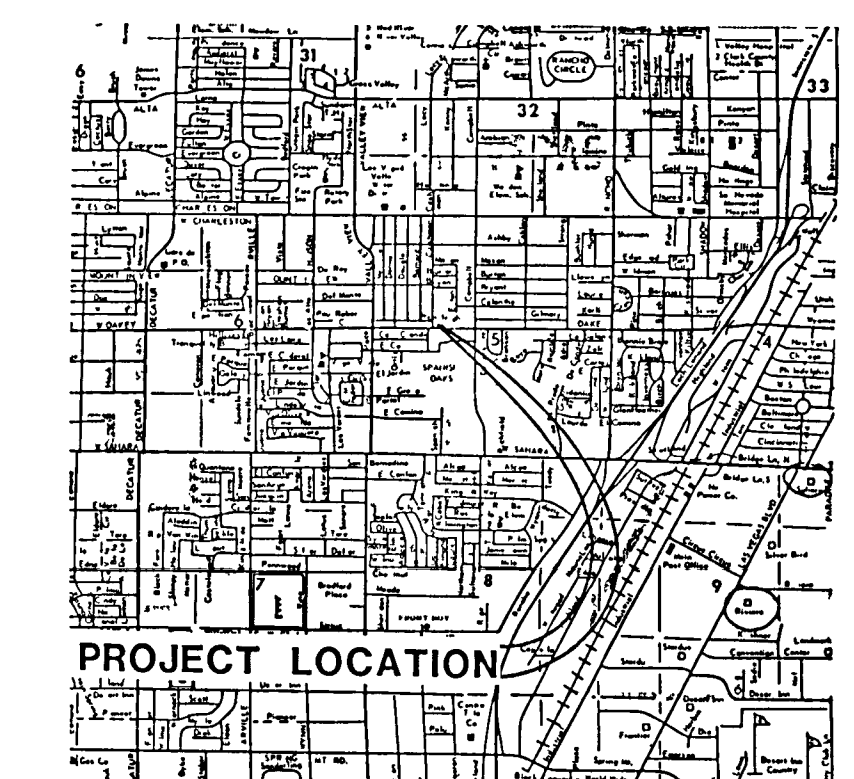
SPECIAL BLOCK WALL DETAIL



SECTION E-E



JUNCTION INLET DETAIL



VICINITY MAP  
NO SCALE

**LEGEND**

- FL. FLOWLINE
- F.P. FINISHED PAD
- R/W. RIGHT OF WAY
- G.B. GRADE BREAK
- R=0.40% ROAD GRADIENT
- ⑦ LOT NUMBER
- ① BLOCK NUMBER
- CONTOUR LINE
- DIRECTION OF FLOW SURVEY
- V.G. VALLEY GUTTER
- B.C. BACK OF CURB
- T.C. TOP OF CURB
- F.G. FINAL GRADE
- H.P. HIGH POINT
- CL. CENTERLINE
- EX. EXISTING
- EDGE OF PAD
- SWALE
- SCARP
- R.C.P. REINFORCED CONCRETE PIPE
- S RATE OF SLOPE
- EXISTING BLOCK WALL
- 6' BLOCK WALL
- B.V.C. BEGINNING VERTICAL CURVE
- M.V.C. MIDDLE VERTICAL CURVE
- E.V.C. END VERTICAL CURVE
- SAWCUT AND MATCH EXISTING

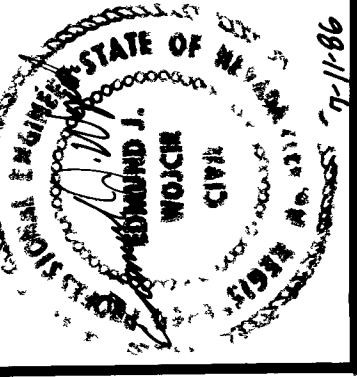
**DEVELOPER**

CAROL PAPPAS, ET. AL.  
1224 CASHMAN DRIVE  
LAS VEGAS, NEVADA 89102  
TELE: (702) 878-4525

**APPROVAL**

*Carol Pappas* 8-29-86  
CLV CHIEF, LAND DEVELOPMENT DATE  
& FLOOD CONTROL

NO.	DATE	DESCRIPTION	APPROVE



**E. J. WOJCIK ENGINEERING**  
CIVIL ENGINEERING CONSULTANT  
3000 W. LAS VEGAS BLVD. SUITE 100  
LAS VEGAS, NEVADA 89102  
Edmund J. Wojcik, P.E.  
(702) 368-9707

**CASHMAN COURT SUBDIVISION  
(GRADING PLAN)**

(V) SCALE: 1"=30'  
(H) SCALE: 1"=30'  
J.N. 850401  
DRAWN BY: TMC  
CHECKED BY: EJM  
SHEET NO.:

