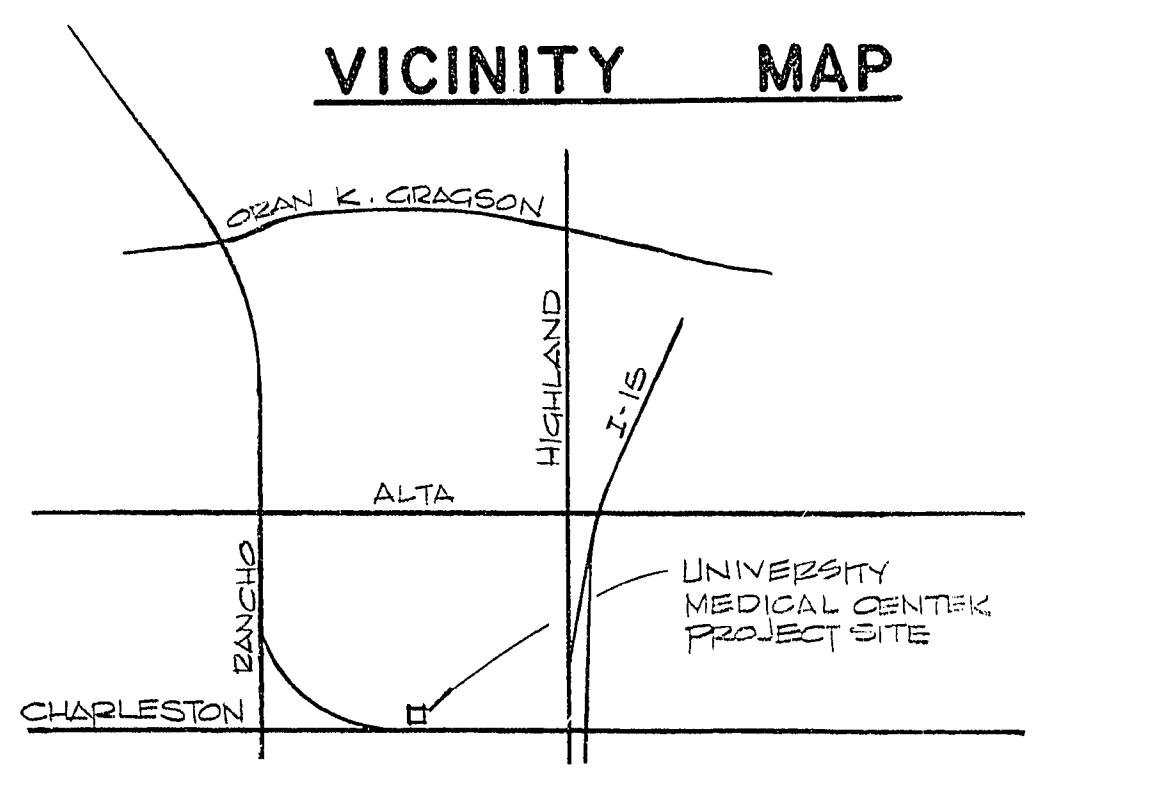


QUANTITIES (FOR ON SITE)

ITEM	DESCRIPTION	QUANTITY	UNIT
1.	SAWCUT & REMOVE AC PAVEMENT	1276	S.F.
2.	REMOVE EXISTING 8" X 12" ARCH PIPE	37	L.F.
3.	ADJUST EXISTING MANHOLE, WATER VALVES, ETC.	LUMP SUM	
4.	2" AC PAVEMENT WITH BASE	1276	S.F.
5.	TYPE "A" DROP INLET	1	EACH
6.	12" CONCRETE PIPE	38 ±	L.F.
7.	NEW CONCRETE SIDEWALK	306 ±	S.F.
8.	CONCRETE MANHOLE	1	EACH



- ### GENERAL NOTES
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", ISSUED 1986; "THE IMPROVEMENT STANDARDS", CLARK COUNTY, NEVADA, REVISED APRIL, 1986; ANY OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL APPLICABLE LOCAL CITY CODES AND ORDINANCES.
 - THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE DRAWINGS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS.
 - ALL GRADES ARE REFERENCED TO THE TOP OF THE CONSTRUCTION GRADE STAKES OR NAILS AND THIS RULE SHALL BE OBSERVED: THREE CONSECUTIVE CONSTRUCTION GRADE STAKES OR NAILS CORRESPONDING TO THREE CONSECUTIVE POINTS SHOWN ON THE APPROVED PLANS AS A STRAIGHT GRADE SHALL BE USED IN COMMON AND ANY VARIATION SHALL BE REPORTED IN WRITING TO ALCA BEFORE WORK PROCEEDS. CONTRACTORS DOING OTHERWISE SHALL PROCEED AT THEIR TOTAL RISK AND RESPONSIBILITY.
 - THE QUANTITY ESTIMATES SHOWN HEREON ARE APPROXIMATE AND NO ONE IS TO RELY UPON THEM FOR PAY QUANTITIES. EACH AND EVERY CONTRACTOR SHALL HAVE A SET OF APPROVED PLANS AND SPECIFICATIONS ON THE JOB SITE AT ALL TIMES AND SHALL RELY UPON THEM TO A HIGHER DEGREE THAN THE CONSTRUCTION STAKES IN PROSECUTING THE WORK.
 - ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS. ANY ALTERATIONS SHALL HAVE THE PRIOR APPROVAL OF THE CITY ENGINEER.
 - CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS FOR PROPER DRAINAGE. THE EXTENT OF TRANSITIONS SHALL BE AS SHOWN OR AS DETERMINED BY THE CITY ENGINEER OR INSPECTOR.
 - IF ANY CURB GRADES ARE SHOWN ON THE PLANS AT LESS THAN 0.40%, IT IS REQUIRED BY THIS OFFICE THAT THE FORMS BE CHECKED BY A SURVEY CREW PRIOR TO CONCRETE PLACEMENT. A 48-HOUR NOTIFICATION OF WORK IS REQUIRED, AND IF THIS OFFICE IS NOT NOTIFIED, IT WILL ASSUME NO RESPONSIBILITY FOR THE FINISHED PRODUCT. EACH JOINT SHALL BE WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
 - TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK.
 - EXPANSION JOINTS ARE REQUIRED AT A MAXIMUM OF EVERY 300 FEET IN EXTRUDED TYPE CURB.
 - A.C. PAVEMENT IS TO BE 1/2 INCH ABOVE THE LIP OF ALL GUTTERS AND VALLEY GUTTERS AFTER COMPACTION.
 - CHISEL "S" OR "G" WHENEVER SEWER OR GAS LINES PASS UNDER THE CURB.
 - CONSTRUCT WHEELCHAIR RAMPS AS SPECIFIED ON PLANS PER CLARK COUNTY STANDARD DRAWING NO. D22A.
 - APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.

ABBREVIATIONS

AC.....ASPHALTIC CONCRETE	MH.....MANHOLE
ACP.....ASBESTOS CEMENT PIPE	MIN.....MINIMUM
ADJ.....ADJUST	NO.....NUMBER
BC.....BEGINNING OF CURB OR BACK OF CURB	OC.....ON CENTER
BCR.....BEGINNING OF CURB RETURN OR BACK OF CURB RADIUS	OD.....OUTSIDE DIAMETER
BDRY.....BOUNDARY	PC.....POINT OF CURVATURE
BEG.....BEGIN	PCC.....POINT OF COMPOUND CURVE
BM.....BENCHMARK	PG.....PAD GRADE
BSW.....BACK OF SIDEWALK	PHP.....PLASTIC HIGH PRESSURE
BVC.....BEGINNING OF VERTICAL CURVE	PI.....POINT OF INTERSECTION
C & G.....CURB AND GUTTER	PL.....PROPERTY LINE
CF.....CURB FACE	PP.....POWER POLE
CIP.....CAST IRON PIPE & CENTERLINE	PRC.....POINT OF REVERSE CURVE
CMP.....CORRUGATED METAL PIPE	PROP.....PROPOSED
CONC.....CONCRETE	PT.....POINT OF TANGENT
CONST.....CONSTRUCT	PVC.....POLY VINYL CHLORIDE PIPE
DC.....DEPRESSED CURB	PVI.....POINT OF VERTICAL INTERSECTION
DI.....DROP INLET	PVMT.....PAVEMENT
DIA.....DIAMETER	Q.....RATE OF FLOW
DIP.....DUCTILE IRON PIPE	R.....RADIUS
DMH.....DROP MANHOLE	RCP.....REINFORCED CONCRETE PIPE
EC.....END OF CURVE	RT.....RIGHT
ECR.....END OF CURB RETURN	R/W.....RIGHT-OF-WAY
EL.....ELEVATION	S.....SANITARY SEWER
EVC.....END OF VERTICAL CURVE	SD.....STORM DRAIN
EX.....EXISTING	SHP.....STEEL HIGH PRESSURE
FC.....FACE OF CURB	SHT.....SHEET
FF.....FINISHED FLOOR	SP MH.....SPECIAL MANHOLE
FG.....FINISH GRADE	STA.....STATION
FH.....FIRE HYDRANT	STD.....STANDARD
FL.....FLOW LINE	STL.....STEEL
G.....GAS	SW.....SIDEWALK
GB.....GRADE BREAK	T.....TANGENT DISTANCE OR TELEPHONE
HGT.....HIGH OR HEIGHT	TC.....TOP OF CURB
HOR.....HORIZONTAL	TMH.....TOP OF MANHOLE
HP.....HIGH POINT	TRANS.....TRANSITION
ID.....INSIDE DIAMETER	TSC.....TRAFFIC SIGNAL CONDUIT
IW.....INVERT	TSW.....TOP OF SIDEWALK
LAT.....LATERAL	VC.....VERTICAL CURVE
LF.....LINEAL FEET	VCP.....VITRIFIED CLAY PIPE
LT.....LEFT	VERT.....VERTICAL
MAX.....MAXIMUM	VG.....VALLEY GUTTER
	W.....WATER

DEVELOPER

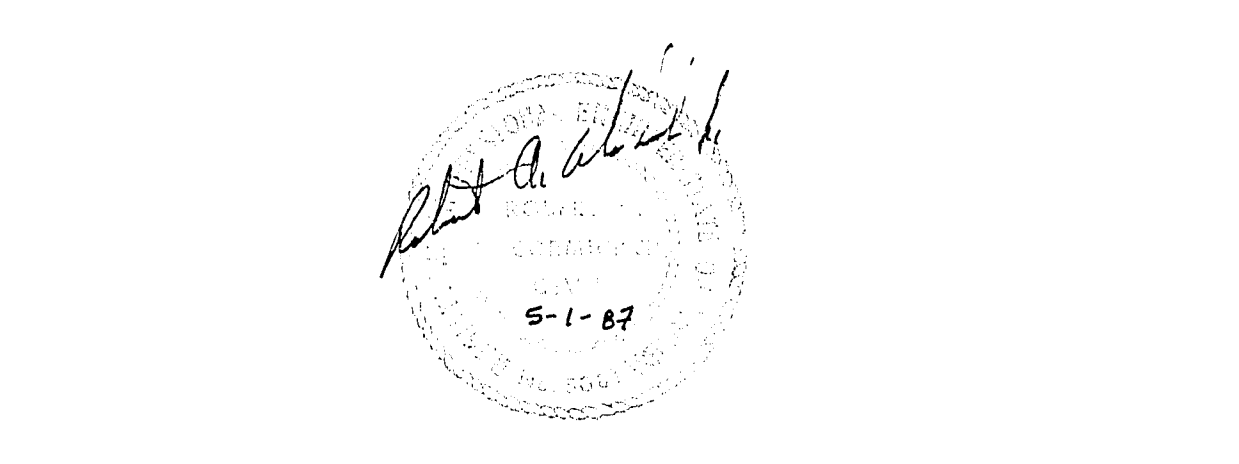
UNIVERSITY MEDICAL CENTER
1900 WEST CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89102
TELEPHONE: (702) 383-2611

BENCHMARK

C.L.V. 13301 - BRASS TAG
AND NAIL IN T.C. N.W. QUAD
CHARLESTON & TENAPAHI
ELEV. 2067.62

APPROVALS

LAS VEGAS VALLEY WATER DISTRICT (SHEET NO. 1) <i>[Signature]</i>	DATE 4/30/87
<i>[Signature]</i> C.L.V. CITY ENGINEER	DATE 5-5-87
<i>[Signature]</i> C.L.V. QUALITY CONTROL ENGINEER	DATE 5-5-87
<i>[Signature]</i> C.L.V. LAND DEV. & FLOOD CONTROL	DATE 5-5-87
N/A C.L.V. FIRE MARSHALL	DATE
<i>[Signature]</i> C.L.V. SANITATION SUPERINTENDENT	DATE 5-5-87
N/A C.L.V. TRAFFIC ENGINEER	DATE
N/A C.L.V. ELECTRICAL COORDINATOR	DATE
<i>[Signature]</i> NEVADA POWER COMPANY	DATE 5-1-87



INDEX OF SHEETS

- ABBREVIATIONS, APPROVALS, BENCHMARK, NOTES ETC.
- MODIFICATION TO EXISTING DRAINAGE & PARKING LOT

AWA ALCA
ENGINEERING & SURVEYING, INC.

JOB TITLE: UNIVERSITY MEDICAL CENTER
MODIFICATION TO EXIST. DRAINAGE & PARKING LOT - NEVADA
LAS VEGAS, NV

JOB NO. 7712-1-13

SHEET 1 OF 2

820 SOUTH VALLEY VIEW BOULEVARD
LAS VEGAS, NV 89107 (702) 876-3398

11-3-94 107-V1469