



- CONSTRUCTION NOTES**
1. INSTALL 'A' CURB PER DETAIL 2 SHEET C8.01
 2. INSTALL 'L' CURB & GUTTER PER DETAIL 1 SHEET C8.01
 3. INSTALL VALLEY GUTTER PER DETAIL 3 SHEET C8.01
 4. INSTALL SIDEWALK PER DETAIL 4 SHEET C8.01 SEE ARCH PLANS FOR COLOR AND/OR FINISH
 5. INSTALL AC PAVEMENT PER DETAIL 5 SHEET C8.01
 6. INSTALL ON-SITE SIDEWALK RAMP PER DETAIL 7 SHEET C8.01
 7. FLUSH CONCRETE WALK WITH PARKING STALL, SEE DETAIL 8 SHEET C8.01
 8. INSTALL BUMPER BLOCK PER DETAIL 6 SHEET C8.01 (TYP)
 9. SAWCUT & MATCH EX. AC PAVEMENT
 10. INSTALL TURNDOWN SIDEWALK PER DETAIL 9 SHEET C8.01
 11. INSTALL ACCESSIBLE RAMP @ 12:1 MAX SLOPE. SEE ARCH DWGS FOR DETAILS OF WALL & HANDRAILS.
 12. PROPOSED RETAINING WALL PER CLV BLDG DEPT. STD.
- STORM DRAIN NOTES (PRIVATE)**
1. INSTALL STD. 48" TYPE 1 STORM DRAIN MANHOLE PER UNIFORM STD. DWG. NO. 403
 2. INSTALL JENSEN PRECAST DROP INLET 24x24 SDI OR APPROVED EQUAL. CONNECT TO 18" SD WITH 6" SD @ 2.0% MIN.
 3. EX. STORM DRAIN DI AND MH TO BE REMOVED FROM UNDER NEW FOOTPRINT
 4. EX. STORM DRAIN TO BE ABANDONED IN PLACE
 5. APPROXIMATE LOCATION OF PROPOSED ROOF DRAIN. SEE PLUMBING DWGS. FOR DETAILS.
 6. ADJUST EX. SDMH TOP ELEVATION.

- GRADING NOTES**
1. SLOPES 4:1 OR STEEPER AND FINE-DRAINED MATERIALS THAT HAVE BEEN DISTURBED (SANDY AND SILTY MATERIALS) SHOULD BE PROTECTED WITH BURLAP OR OTHER EROSION CONTROL FABRIC/MATERIAL, UNLESS OTHERWISE SPECIFIED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS OR THE SOILS REPORT.
 2. CONTRACTOR SHALL DETERMINE HIS OWN FOOTING OR BASEMENT EXCAVATION QUANTITIES, EVEN THOUGH SHOWN ON ROUGH GRADING PLANS. ADDITIONALLY, STRUCTURE BACKFILL COSTS SHOULD BE INCLUDED IN THE COST OF THE STRUCTURE, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
 3. CONTRACTOR SHALL NOTIFY LOCHSA ENGINEERING WITHIN 24 HOURS OF OMISSIONS AND ERRORS DISCOVERED ON PLANS. LOCHSA ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY "CORRECTIVE" WORK DONE BY OTHERS.
 4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE. NO PONDING ALLOWED.
 5. CONTRACTOR TO FOLLOW RECOMMENDATIONS AS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT, INCLUDING BUT NOT LIMITED TO EXCAVATION, GRADING AND COMPACTION. REFER TO THE REPORT PREPARED BY

I HEREBY CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

Mark L. Hedge 7-31-02
 MARK L. HEDGE P.E. #8445 DATE

NOTE:
 LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE, AND THE PROJECT ENGINEER IMMEDIATELY.

A.P.N.:
 138-29-401-002

BASIS OF BEARINGS:
 NORTH 01°33'54" WEST, BEING THE CENTERLINE OF RAMPART BLVD., AS PER MAP IN FILE #2, PAGE #4 OF PARCEL MAPS, CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

BENCHMARK:
 OLVOO 305E6, BEING A RIVET AND PLATE, NEVADA POWER VAULT #UJ-795, 9201, SUMMERLIN PARKWAY.

ELEV: 828.1527 METERS (2717.03 FEET)
 NAVD88

Avoid cutting underground utility lines. It's costly.

SAFETY ALERT
 Call before you Dig
 1-800-227-2600

Call before you Overhead
 1-702-593-6111

LEGEND	CL OR SURVEY LINE	EASEMENT LINE	HEAVY AC P.V.M.T.	DESCRIPTION:	CONTOUR LINES	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	FENCES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	PULL BOXES	100w HPS STREETLIGHTS	150w HPS STREETLIGHTS	200w HPS STREETLIGHTS	250w HPS STREETLIGHTS
	PROPERTY LINE	SAWCUT LINE	LIGHT AC P.V.M.T.	EXISTING:	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)
	ROW LINE	SCARP LINE	CONCRETE P.V.M.T.	PROPOSED:	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)	(2710)

7/31/02 M.M.F. ADDED DOORS PER EXISTING REQUIREMENTS 18 7/4/02

JW MARRIOTT
 221 N. RAMPART
 LAS VEGAS, NV 89145

LOCHSA ENGINEERING
 5828 SPRING MTN. RD. SUITE 308
 LAS VEGAS, NV 89146
 PHONE: (702) 365-9312, FAX: (702) 365-9317

GRADING PLAN

JW MARRIOTT
 CONFERENCE CENTER EXPANSION

DATE: 5-29-02
 DESIGNED BY: M.M.F.
 CHECKED BY: M.M.F.
 PROJECT NO.: JOB 6793.13
 SCALE: 1" = 30'

SHEET No. **C5.01**
 SHEET 6 OF 7
 DRAWING No. 107 V3597

REPLLOT

J:\CAD\6793\dwg\C-6793-01.dwg, 07/31/2002 01:16:43 PM, BRIAN, 1:30, Lochsa Civil