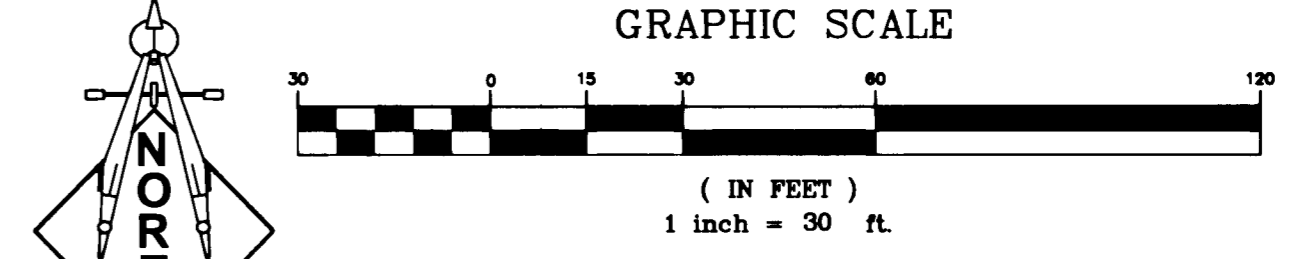
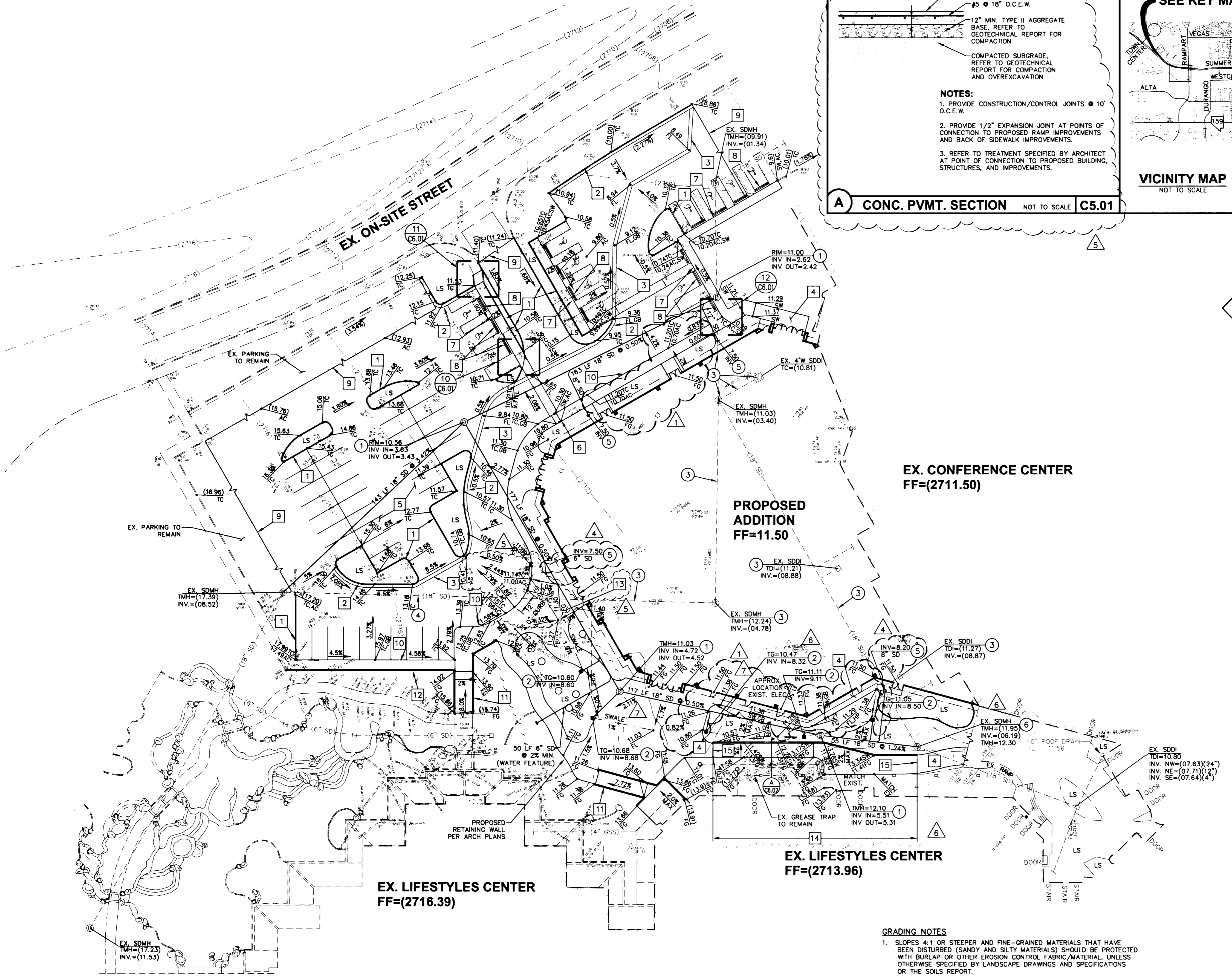


REV.	DATE	DESCRIPTION
1	7/31/02	M.M.F. ADDED DOORS PER EXISTING REQUIREMENTS
2	9/10/02	M.M.F. ADD (2) ROOF DRAIN CONNECTIONS PER FEA
3	12/10/02	M.M.F. ADD CONC. PVMT. SECTION
4	12/17/02	T.L.D. ADD RET. WALL, REVISE SW. AND SD. RENUMBER SHEETS
5	1/2/03	M.M.F. RELOCATE AREA DRAIN, REVISE WALL DETAIL, SW.



CONSTRUCTION NOTES

1. INSTALL 'A' CURB PER DETAIL 2 SHEET C6.01
2. INSTALL 'L' CURB & GUTTER PER DETAIL 1 SHEET C6.01
3. INSTALL VALLEY GUTTER PER DETAIL 3 SHEET C6.01
4. INSTALL SIDEWALK PER DETAIL 4 SHEET C6.01 SEE ARCH PLANS FOR COLOR AND/OR FINISH
5. INSTALL AC PAVEMENT PER DETAIL 5 SHEET C6.01
6. INSTALL ON-SITE SIDEWALK RAMP PER DETAIL 7 SHEET C6.01
7. FLUSH CONCRETE WALK WITH PARKING STALL, SEE DETAIL 8 SHEET C6.01
8. INSTALL BUMPER BLOCK PER DETAIL 6 SHEET C6.01 (TYP)
9. SAWCUT & MATCH EX. AC PAVEMENT
10. INSTALL TURNDOWN SIDEWALK PER DETAIL 9 SHEET C6.01
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.
13. PROPOSED REINFORCED CONC. PVMT. AREA PER DETAIL A THIS SHEET. SEE ARCH PLANS FOR EXACT LIMITS.
14. INSTALL CMU RETAINING WALL (APPROX. 117 LF) AND CONCRETE SIDEWALK SLAB-ON-GRADE PER DETAIL A, SHEET C6.02.
15. INSTALL 1/2" EXPANSION JOINT BETWEEN SIDEWALK DENOTED BY NOTE 1 AND 13.

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 2424SDI 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.

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°53'54" WEST, BEING THE CENTERLINE OF RAMPART BLVD. AS PER MAP FILE #2, PAGE 64 OF PARCEL MAPS, CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

BENCHMARK:

OLV00 3056E, BEING A RIVET AND PLATE, NEVADA POWER VAULT #UJ-795, 9201, SUMMERLIN PARKWAY. 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

GRADING NOTES

1. SLOPES 4:1 OR STEEPER AND FINE-GRAINED 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 1-7-03
 MARK L. HEDGE P.E. #8445 DATE

CL OR SURVEY LINE	EASEMENT LINE	HEAVY AC PVMT.	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
---	---	---	EXISTING: (2210)	---	---	---	---	---	---	---	---	(12.34)	---	⊙ = SANITARY SEWER	⊙ = STORM DRAIN	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
---	---	---	PROPOSED: (2210)	---	---	---	---	---	---	---	---	(12.34)	---	⊙ = ELECTRICAL	⊙ = TELEPHONE	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙

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.

SCALE: 1"=30'

SHEET NO. 6 OF 8
 DRAWING NO. 107-V3597

I:\CAD\99\99\99\99\C-6793-30\1-CP.dwg, 01/07/03 03:05:22 PM, User: J30, Lochsa Civil