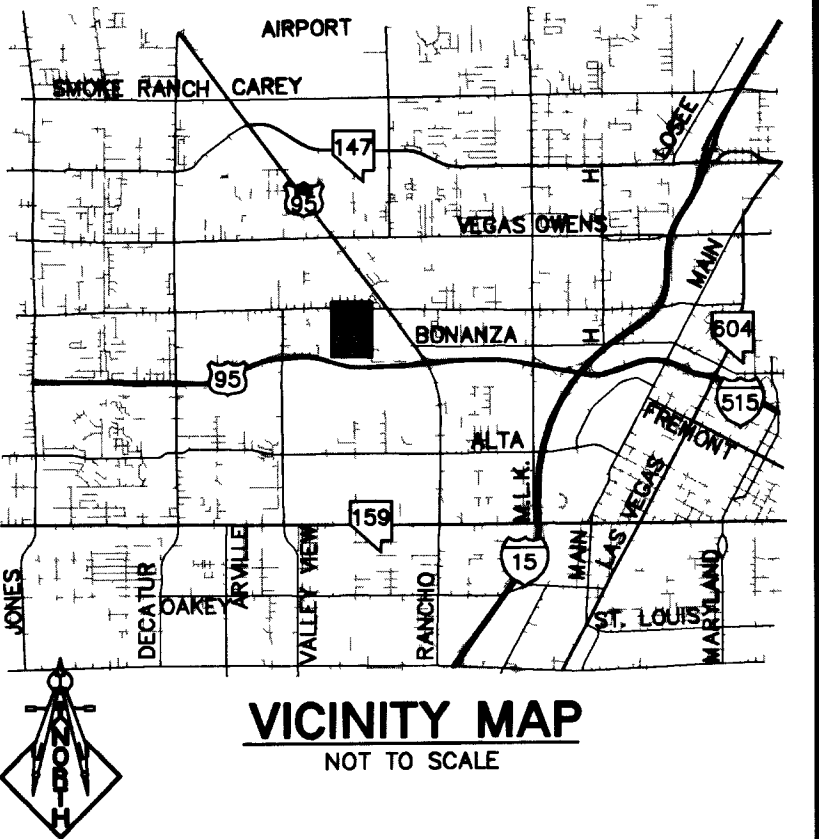
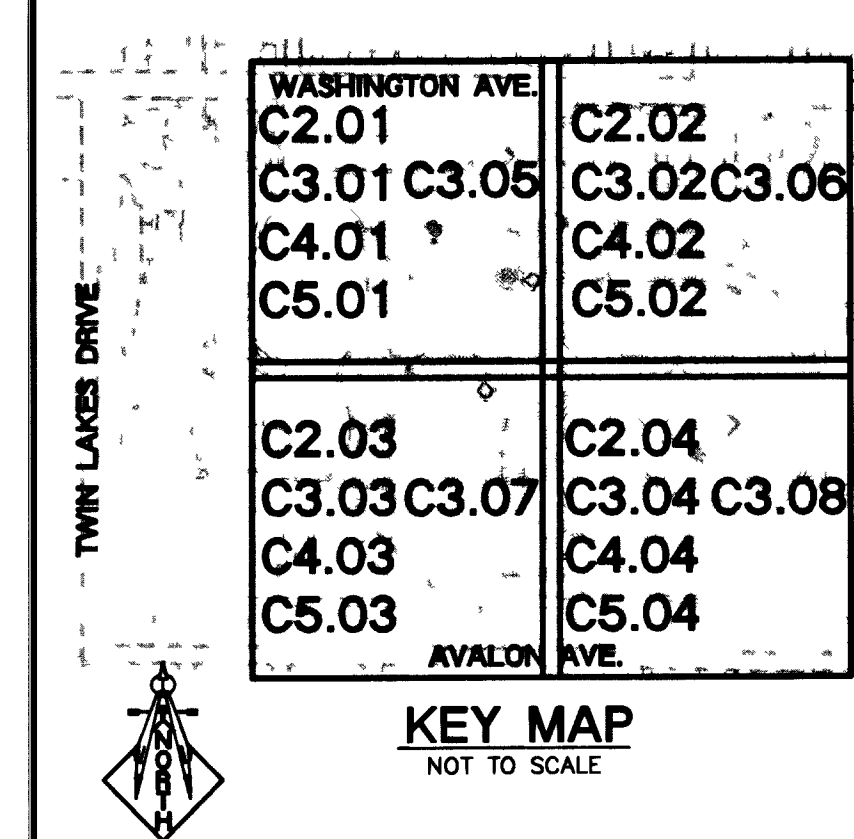
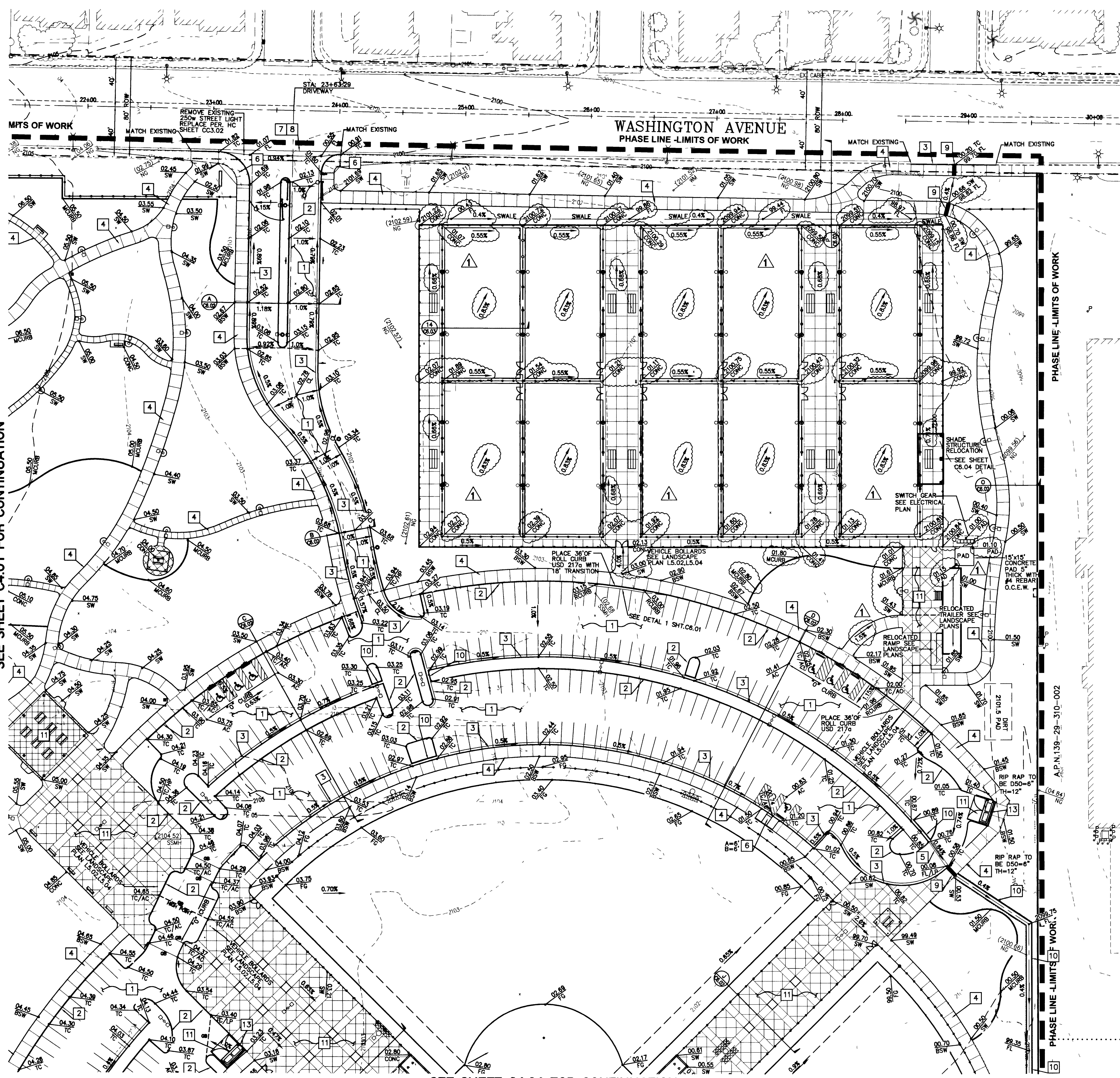


LIGHTING AT TURF AREAS TO HAVE CONCRETE COLLAR SEE DETAILS SHEET L4.01

SEE LANDSCAPE PLANS FOR ADA SIGNAGE

FLOOD NOTE:
THE SUBJECT SITE IS COVERED BY A FLOOD INSURANCE RATE MAP (FIRM) FOR THE CLARK COUNTY, NEVADA, AND INCORPORATED AREAS. COMMUNITY PANEL NUMBERS 32003C 2170 E, EFFECTIVE DATE: SEPTEMBER 27, 2002, AND 32003C 2185 E, NOT PRINTED. REVIEW OF THE FIRMS INDICATES THAT THE SITE IS LOCATED ENTIRELY WITHIN A FEDERAL EMERGENCY MANAGEMENT AREA (FEMA) DESIGNATED ZONE "X" (UNSHADED). ZONE "X" (UNSHADED) IS DEFINED BY FEMA AS: "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN".

- CONSTRUCTION NOTES:**
- 1. ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH "CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS (C.C.A.U.S.D.)" LATEST EDITION AND/OR REGULATING ENTITY HAVING JURISDICTION.
 - 2. NOT ALL NOTES USED ON THIS SHEET -
 - 3. CONSTRUCT AC PAVEMENT PER DETAIL #3 C8.01
 - 4. CONSTRUCT 'A' TYPE CURB PER C.C.A.U.S.D. No. 219
 - 5. CONSTRUCT 'L' TYPE CURB PER C.C.A.U.S.D. No. 216
 - 6. CONSTRUCT CONCRETE SIDEWALK PER C.C.A.U.S.D. No. 234
 - 7. CONSTRUCT 2' CONCRETE VALLEY GUTTER PER DETAIL #5 C6.01
 - 8. CONSTRUCT CASE 1 SIDEWALK RAMP PER C.C.A.U.S.D. No. 235
 - 9. CONSTRUCT 8' WIDE CROSS GUTTER PER C.C.A.U.S.D. No. 228
 - 10. CONSTRUCT COMMERCIAL DRIVEWAY PER C.C.A.U.S.D. No. 225
 - 11. CONSTRUCT SIDEWALK UNDER DRAIN PER C.C.A.U.S.D. No. 236
 - 12. CONSTRUCT "U" CHANNEL PER DETAIL #5 C6.01
 - 13. CONSTRUCT CONCRETE PAVEMENT PER DETAIL #4 C6.01
 - 14. CONSTRUCT ADA RAMP PER DETAIL #6 USD 235.
 - 15. TRASH ENCLOSURE PER ARCHITECTURAL PLANS.

- 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 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. CONTRACTOR TO FOLLOW DRAWINGS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO EXCAVATION, GRADING AND COMPACTION.
 - 5. USE 1.5% CROSS AND TRANSVERSE SLOPES ON ALL WALKWAYS DUE TO CONSTRUCTION TOLERANCES, 2% IS THE MAXIMUM SLOPE ALLOWED.

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.:
139-29-301-003 contains 59.93Ac.

BASIS OF BEARINGS:
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NORTH LINE OF THE NE 1/4, SECTION 2, T22 S, R80 E, AS SHOWN IN FILE 87, PAGE 37, OF RECORDED PARCEL MAPS, CLARK COUNTY, NEVADA, RECORDS. SAID LINE BEARS N89°40'47"E.

BENCHMARK:
21V01 29W4 BEING A RIVET & PLATE IN TOP OF CURB, SOUTHEAST CORNER OF WASHINGTON AND TWIN LAKES DRIVE. ELEVATION= 2127.56 MVD 78

SAFETY ALERT
Call before you dig. Call before you dig. Call before you dig.

GRADING PLAN CERTIFICATION

NAME: 10-15-07 DATE: 10-15-07

CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT CITY OF LAS VEGAS FOR THIS PROJECT. (DS4156)

Call before you dig
1-702-227-2929
1-702-455-7511
1-800-227-2800

CL OR SURVEY LINE	EASEMENT LINE	HEAVY AC PMVT.	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	UTILITY BOX OR VAULT	100W HPS STREETLIGHTS	150W HPS STREETLIGHTS	200W HPS STREETLIGHTS	250W HPS STREETLIGHTS
CL OR SURVEY LINE	EASEMENT LINE	HEAVY AC PMVT.	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	UTILITY BOX OR VAULT	100W HPS STREETLIGHTS	150W HPS STREETLIGHTS	200W HPS STREETLIGHTS	250W HPS STREETLIGHTS
PROPERTY LINE	SAWCUT LINE	LIGHT AC PMVT.	EXISTING:	EXISTING: (2210)								(12.34)												
ROW LINE	SCARP LINE	CONCRETE PMVT.	PROPOSED:	PROPOSED: (2210)								(12.34)												

LOCHSA ENGINEERING
6345 S. JONES BLVD., SUITE 100
LAS VEGAS, NV 89118
PHONE: (702) 365-9312 FAX: (702) 365-9317

Lorenzi Park Renovations
Phase 1
GRADING PLAN
SHEET 2

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE (702) 229-6535
FAX (702) 384-8846
TDD (702) 386-9108

LEGEND

CL OR SURVEY LINE
PROPERTY LINE
ROW LINE

EASEMENT LINE
SAWCUT LINE
SCARP LINE

HEAVY AC PMVT.
LIGHT AC PMVT.
CONCRETE PMVT.

DESCRIPTION:
EXISTING:
PROPOSED:

CONTOUR LINES
EXISTING: (2210)
PROPOSED: (2210)

EDGE OF PAVEMENT

"A" TYPE CURBS

"L" TYPE CURBS

WALLS

FENCES

AC PAVEMENT

CONCRETE

SPOT ELEVATIONS
(12.34)
(12.34)

SIGNS

MANHOLE W/ DESCRIPTION

MANHOLE DESCRIPTIONS
= SANITARY SEWER
= STORM DRAIN
= ELECTRICAL
= TELEPHONE

FIRE HYDRANTS

GATE VALVES

REDUCERS

CLEAN OUTS

UTILITY BOX OR VAULT

100W HPS STREETLIGHTS

150W HPS STREETLIGHTS

200W HPS STREETLIGHTS

250W HPS STREETLIGHTS

RELOT