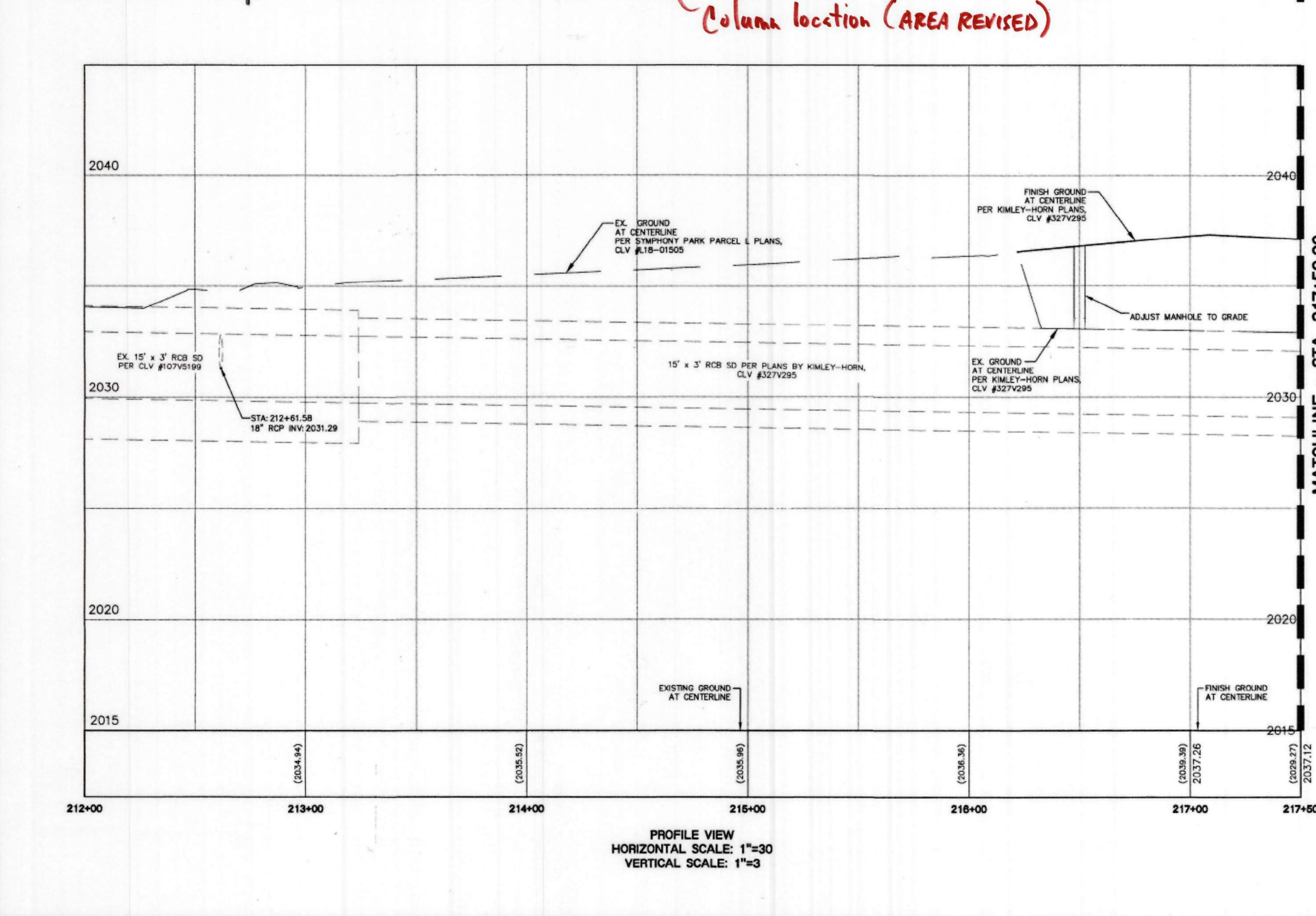


MATCHLINE - STA. 217+50.00



MATCHLINE - STA. 217+50.00

CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	BUILDING OUTLINE	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	CONTOUR LINES	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	400w HPS STREETLIGHTS
PROPERTY LINE	SAWCUT LINE	EXISTING:									(12.34)		⊙	⊙ = SANITARY SEWER	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
ROW LINE	SCARP LINE	PROPOSED:									(12.34)		⊙	⊙ = STORM DRAIN	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙

LAS VEGAS VALLEY CONSTRUCTION SITE BEST MANAGEMENT PRACTICES GUIDANCE MANUAL SECTION 3.5.1 STANDARD NOTES 1-5

1. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHT-OF-WAY OF THE CITY OF LAS VEGAS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIAL SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CITY OF LAS VEGAS AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NV10000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY RAIN EVENT OR 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NV10000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

GRADING NOTES:

1. SEE C7.02 FOR CLARK COUNTY STANDARD STORMWATER MANAGEMENT NOTES (LAS VEGAS VALLEY CONSTRUCTION SITE BEST MANAGEMENT PRACTICES GUIDANCE MANUAL SECTION 3.5.1 STANDARD NOTES 1-5).
2. 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 OR THE PROJECT SOILS REPORT.
3. CONTRACTOR SHALL DETERMINE THEIR OWN FOOTING EXCAVATION QUANTITIES. STRUCTURAL BACKFILL COSTS SHOULD BE INCLUDED IN THE COST OF THE STRUCTURE UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
4. 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.
5. CONTRACTOR TO ENSURE POSITIVE DRAINAGE. NO PONDING ALLOWED. 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: NINYO & MOORE, PROJECT NO. 304276001, DATED: APRIL 4, 2018.

CONSTRUCTION NOTES:

- ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH "CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS (CCAUDS)" LATEST EDITION AND/OR REGULATING ENTITY HAVING JURISDICTION.
- 1 EXISTING RETAINING WALL, BARRIER, AND RAILING PER SYMPHONY PARK GARAGE - PARCEL 'L' PLANS, CLV # 118-01505
 - 2 RETAINING WALL, BARRIER, AND RAILING PER DETAIL #9 ON SHEET C7.02
 - 3 CHANNEL TO BE BUILT PER KIMLEY-HORN BOX CULVERT IMPROVEMENT PLANS, CLV #327V295
 - 4 CONSTRUCT 18-INCH TYPE "L" CURB PER CCAUSD NO. 218.1.51
 - 5 CONSTRUCT TYPE "A" CURB PER DETAIL 2 SHEET C7.03.
 - 6 CONSTRUCT WATER QUALITY LANDSCAPE SWALE
 - 7 INSTALL AC PAVEMENT PER CCAUSD #200.1, DETAIL #9 SHEET C7.03, AND PER SOILS REPORT.
 - 8 MATCH EXISTING ELEVATION.
 - 9 SAWCUT AND/OR MATCH EX. GRADE AS REQUIRED. CONTRACTOR TO COORD. W/ CLV INSPECTOR FOR FINAL SAWCUT LOCATION & PAVEMENT RESTORATION.
 - 10 INSTALL END OF ROAD MARKERS.
 - 11 INSTALL TYPE DM2 DROP INLET PER CCAUSD #12.1 (W/ONE (1) 2.5' GRATE) AND STAMP PER CCAUSD #421. SEE SHEET C7.03.
 - 12 ADJUST MANHOLE TO FINISH GRADE

GRADING PLAN CERTIFICATION
Mark E. Hedge 2/2/19
 MARK E. HEDGE PE #8445 DATE: 2/2/19

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH APPROVED DRAINAGE STUDY NO. DS34272G FOR THIS SITE ON FILE AT CITY OF LAS VEGAS.

ELEVATION NOTE:
 ADD 2000 FEET TO ALL ELEVATION TAGS SHOWN.

NOTE:
 ALL ON-SITE ROOF DRAIN/STORM DRAIN SYSTEMS ARE PRIVATELY OWNED AND TO BE PRIVATELY MAINTAINED.

UTILITY NOTE:
 LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS PLAN 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.

SOUTHWEST GAS CORPORATION
 BY: *Cliff A* DATE: 2/2/19

A.P.N.:
 139-34-211-004 & 139-34-110-012

BASIS OF BEARINGS:
 THE BASIS OF BEARINGS FOR THIS SURVEY IS EAST LINE OF LOT 5 OF THAT COMMERCIAL SUBDIVISION KNOWN AS "PARKWAY CENTER" AS SHOWN IN BOOK 53, PAGE 61 OF PLATS, IN THE CLARK COUNTY RECORDERS OFFICE, CLARK COUNTY, NEVADA.
 S&D LINE BEARS: NORTH 27°55'06" EAST

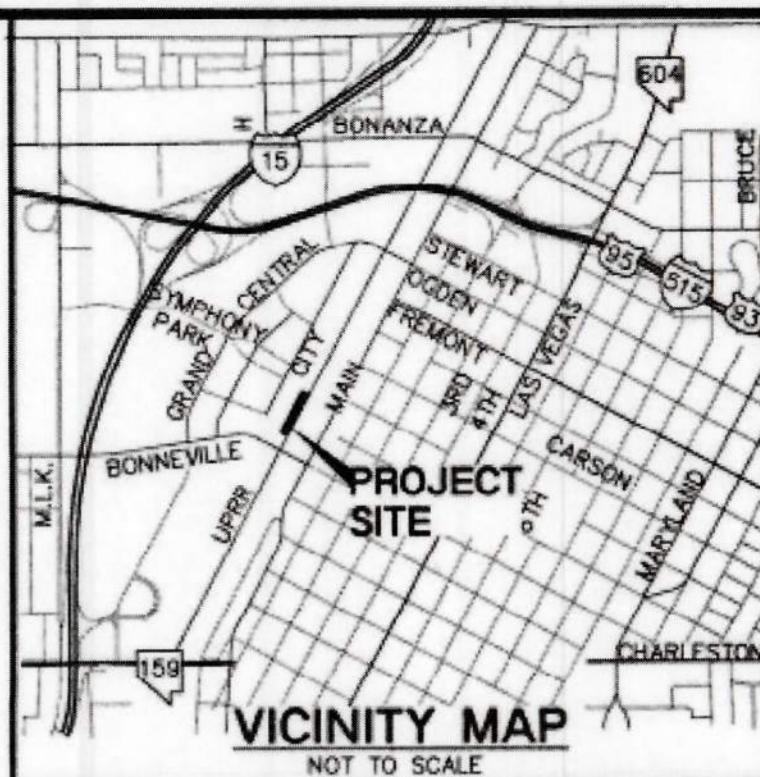
BENCHMARK:
 BENCHMARK NO.: BLVD1 32ANWBA
 REVET & PLATE TOP CURB CORNER GRAND CENTRAL PKWY & CITY PKWY
 ELEVATION: 2032.36 FEET / 619.464 METERS
 (NAVD '88 DATUM)

FAST
 Call before you dig
 1-800-227-2800

811
 Call before you dig
 1-702-432-6300

1-702-227-2929

CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL
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Lochsa Engineering
 6345 South Jones Blvd
 Las Vegas, NV 89119
 Phone: (702) 965-9372
 www.lochsa.com

PROJECT TITLE: SYMPHONY PARK ACCESS ROAD EXTENSION

PROJECT NO.: 18023.50

DATE: 2/7/2019

SCALE: ---

DRAWN BY: TND

DESIGNED BY: TND

CHECKED BY: JJJ

SHEET NO.: C6.01
SHEET 3 OF 7
 CLV No. 118-02810

DESCRIPTION: