

LAS VEGAS VALLEY CONSTRUCTION STORMWATER RUNOFF MANAGEMENT - STANDARD NOTES

- 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 RIGHTS OF WAY OF THE CITY OF LAS VEGAS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPING CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
- 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 LVMS 14.18.130 AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
- 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 NVR100000, SECTION III.A.5.
- AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, 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 OF 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 NVR100000, SECTION III.A.12.
- 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.
- POST-CONSTRUCTION BMPs (PCBMPs) / CONTROL MEASURES NOTED ON THE GRADING PLANS ARE MANDATORY PERMANENT REGULATORY STORMWATER POLLUTION CONTROLS. THESE PCBMPs MUST BE INSTALLED PER THE APPROVED PLANS AND MUST BE PERMANENTLY MAINTAINED.

SOILS REPORT

GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.
 7150 PLACID STREET
 LAS VEGAS, NEVADA 89119
 (702) 365-1001
 PROJECT No.: 20174091E1
 APRIL 6, 2018

LEGAL DESCRIPTION

PORTION OF THE NORTHEAST QUARTER (NE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA

BASIS OF BEARING:

SOUTH 00°23'44" WEST, BEING THE BEARING OF THE EAST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN IN FILE 120, PAGE 81 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY RECORDER'S OFFICE.

BENCHMARK:

CITY OF LAS VEGAS VERTICAL CONTROL POINT "ZLV0133W6", FOUND RIVET AND ROUND ALUMINUM DISK, IN TOP OF CURB, NORTHWEST CORNER OF SHADOW LANE AND ALTA DRIVE.
 ELEVATION: 2052.72 (FEET)
 625.67 (METERS)
 BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD'88).

GRADING PLAN NOTE

POST CONSTRUCTION BMPs (PCBMPs) / CONTROL MEASURES NOTED ON THE GRADING PLANS ARE MANDATORY PERMANENT REGULATORY STORM WATER POLLUTION CONTROLS. THESE PCBMPs MUST BE INSTALLED PER THE APPROVED PLANS AND MUST BE PERMANENTLY MAINTAINED.

EARTHWORK

RAW CUT	=	1762 C.Y.
RAW FILL	=	76 C.Y.
EXPORT	=	1686 C.Y.

CAUTION TO CONTRACTOR

EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY AND POT-HOLE EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

FLOOD ZONE NOTE

THE PROJECT SITE IS LOCATED ON COMMUNITY PANEL NUMBER 32003C2170F EFFECTIVE NOVEMBER 16, 2011. THE PROJECT SITE LIES WITHIN A FEMA DESIGNATED ZONE X. AREAS DESIGNATED AS ZONE X ARE DESCRIBED AS AREAS OUTSIDE THE 0.2 PERCENT ANNUAL CHANCE FLOODPLAIN. THEREFORE, THE PROJECT SITE IS NOT LOCATED WITHIN A FEMA DESIGNATED SPECIAL FLOOD HAZARD AREA.

DRAINAGE CERTIFICATION

I CERTIFY THAT THE GRADING PLANS ARE IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY _____ ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.
 DATE: 01/07/2025
 SCOTT R. MARSHALL, P.E. 29269



PRELIMINARY - NOT FOR CONSTRUCTION

ENGINEER: SCOTT R. MARSHALL, P.E. No. 29269
 CIVIL
 EXPIRES: 12/31/2025

DATE	ISSUED FOR	DATE	ISSUED FOR

PROJECT NO.: 810-003
 DESIGN: GCW
 DRAWING: GCW
 CHECK: GCW
 PLOT DATE: 01-07-25
 PLOT TIME: 08:30:30

1555 S. RAINBOW BLVD.
 LAS VEGAS, NV 89146
 T: 702.804.2000
 F: 702.804.2299
 gcwengineering.com

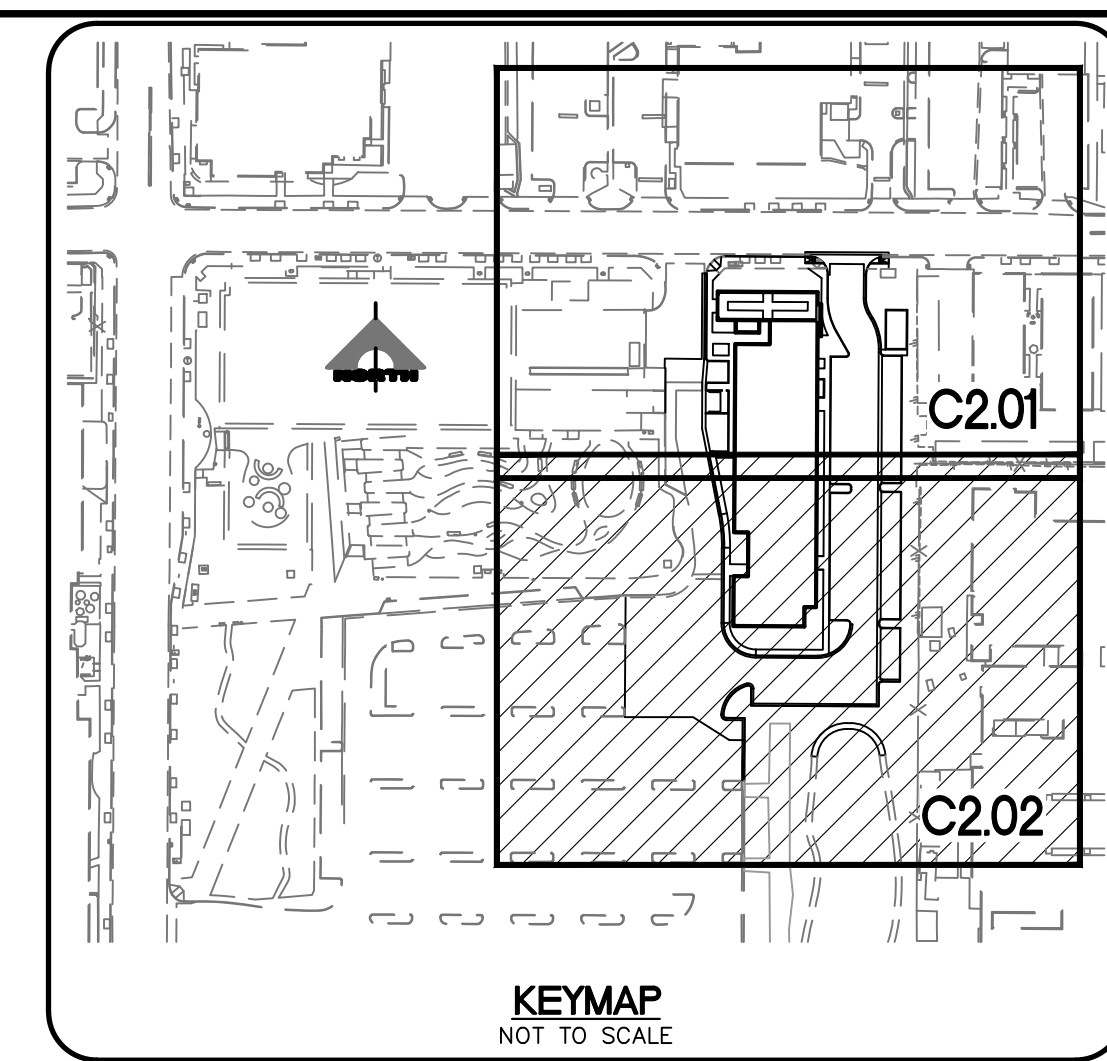
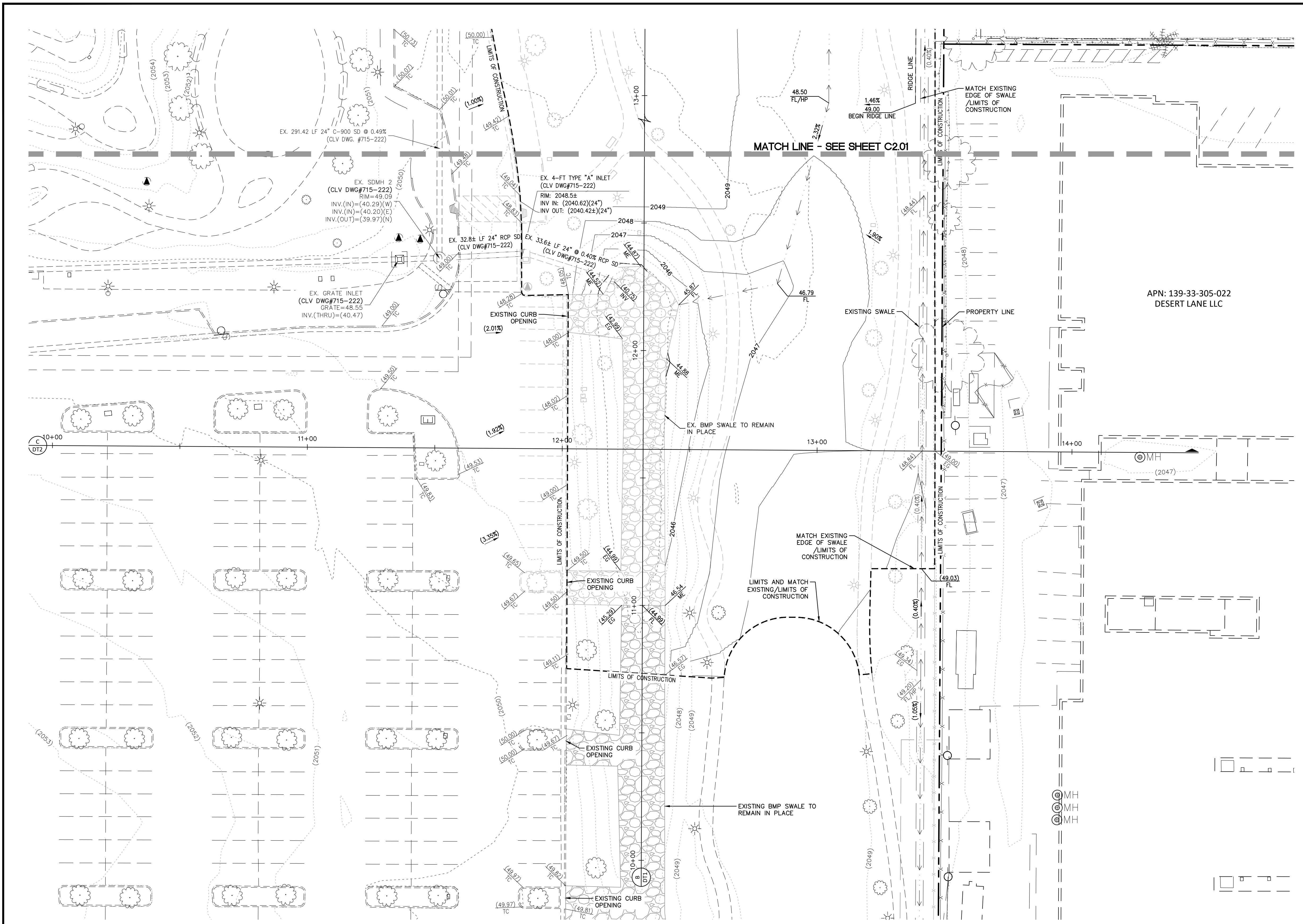
GCW
 ENGINEERS & SURVEYORS

NEVADA HEALTH AND BIOSCIENCE CORP
 SOUTHERN NEVADA PUBLIC ACADEMIC HEALTH LAB

MASS GRADING PLAN 1

DRAWING: **C4.01**
 5 OF 6 SHTS

L#: XX-XXXX CLV#: 107YXXXX-XX



APN: 139-33-305-022
DESERT LANE LLC

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7150 PLACID STREET
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(702) 365-1001
PROJECT No.: 20174091E1
APRIL 6, 2018

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01/07/2025
DATE
SCOTT R. MARSHALL, P.E. 29269

Call before you Dig
Avoid cutting underground utility lines. It's costly.

Call BEFORE YOU DO OVERHEAD
AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.

1-800-842-2444
1-702-227-2929

PRELIMINARY - NOT FOR CONSTRUCTION

PROJECT NO. 810-003
DESIGN: GCW
DRAWING: GCW
CHECK: GCW
PLOT DATE: 01-07-25
PLOT TIME: 08:30:31

1555 S. RAINBOW BLVD.
LAS VEGAS, NV 89146
T: 702.804.2000
F: 702.804.2299
gcwengineering.com

GCW ENGINEERS & SURVEYORS

NEVADA HEALTH AND BIOSCIENCE CORP
SOUTHERN NEVADA PUBLIC ACADEMIC HEALTH LAB
MASS GRADING PLAN 2

DRAWING C4.02
6 OF 6 SHTS

L#: XX-XXXX CLV#: 107YXXXX-XX

