



CONTRACTOR NOTE:

PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL SCRAPE AND STOCKPILE THE TOP 3'-6" OF EXISTING UNDISTURBED SOIL WITHIN THE LIMITS OF THE PROPOSED WORK AREA. CONTRACTOR TO LOCATE AND STOCKPILE THIS SCRAPED EXISTING UNDISTURBED SOIL ON-SITE IN AN AREA AGREED UPON BY CONTRACTOR AND OWNER PROVIDING EASE OF ACCESS TO AND LEAST AMOUNT OF DISTURBANCE TO THE SITE.

CONTRACTOR TO USE SCRAPED STOCKPILED SOIL AS FINAL TOP DRESSING IN AREAS NOT COVERED WITH RIP-RAP, CONCRETE, ASPHALT, OR COMPACTED GRAVEL PATHWAYS. STOCKPILED SOIL CONTAINS DORMANT SEEDS FOR RE-VEGETATION OF NATIVE PLANTS.

SITE NOTES:

- CONTRACTOR RESPONSIBLE FOR THE LOCATION AND MAINTENANCE OF BOUNDARY LINE LOCATION. NO WORK TO ENCRoACH UPON THE BLM RED ROCK CONSERVATION AREA. KEEP ALL WORK EQUIPMENT AND PERSONNEL WITHIN THE CLIMORE CLIFF SHADOWS TRAIL HEAD BOUNDARY/PROPERTY AT ALL TIMES. ENCRoACHMENT AND/OR DISTURBANCE TO THE BLM AREA CAN RESULT IN SUBSTANTIAL FINES.
- CONTRACTOR TO PROVIDE DUST CONTROL DURING AND UPON COMPLETION OF WORK.
- PROTECT EXISTING PLANTS DURING CONSTRUCTION. REFER TO LANDSCAPE ARCHITECTS PLANS.
- CONTRACTOR TO SCRAPE AND STOCKPILE THE TOP 3'-6" OF EXISTING NATIVE UNDISTURBED SOIL WITH ASSOCIATED PLANT MATERIAL (OTHER THAN SALVAGED PLANT MATERIAL) WITHIN THE LIMIT OF WORK, OVER ALL SURFACES TO BE DISTURBED BY CONSTRUCTION. STOCKPILE COLLECTED TOPSOIL MATERIAL WITHIN LIMIT OF WORK. STOCKPILED SOIL WITH PLANT DEBRIS TO BE REINSTALLED. STOCKPILED SOIL IS TO BE EVENLY DISTRIBUTED OVER ALL DISTURBED AREAS. BEFORE STOCKPILED SOIL IS REINSTALLED, FINE GRADE EARTH TO BE REMOVE UNUSUAL IRREGULARITIES. REINSTALL STOCKPILED TOPSOIL OVER ALL DISTURBED AREAS AND LIGHTLY RAKE SURFACE TO RESTORE NATURAL CONDITION. APPLY ECO-TEX SOIL BINDER PER MANUFACTURER'S RECOMMENDATION AND SPECIFICATIONS (702) 873-2033. DO NOT APPLY A PRE-EMERGENT OR ROCK MULCH AREAS THAT ARE TO RECEIVE THE STOCKPILED SOIL.

INDEX OF SHEETS

DRAWING NUMBER	DRAWING DESCRIPTION
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5	C3.00 GRADING AND DRAINAGE PLAN
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BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL POINT "LV09 12NW6", BEING A RIVET AND ALUMINUM PLATE IN A CONCRETE PAD (TRANS SWB213), ON THE EAST SIDE OF CLIFF SHADOWS PARKWAY +/- 50 SOUTH OF CONCRETE WASH.

ELEVATION: 2861.21 (FEET)
872.0977 (METERS)

CITY OF LAS VEGAS VERTICAL CONTROL v.2003 BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS SURVEY IS NORTH 01°09'30" WEST, BEING THE WEST LINE OF THE NORTHWEST QUARTER (NW1/4) OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 58 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN IN FILE 120 OF SURVEYS AT PAGE 83, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

BLM RED ROCK CONSERVATION AREA

NO WORK IS TO ENCRoACH UPON THE BLM RED ROCK CONSERVATION AREA. KEEP ALL WORK EQUIPMENT AND PERSONNEL WITHIN THE CLIMORE CLIFF SHADOWS PARK AND TRAIL HEAD AT ALL TIMES. DISTURBANCES OR ANY KIND TO THE BLM RED ROCK CONSERVATION AREA CAN RESULT IN SUBSTANTIAL FINES. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND MAINTENANCE OF BOUNDARY LINE LOCATION.

BASE BID PUBLIC QUANTITIES

ALEXANDER ROAD

ITEM	AMOUNT
8" PVC SS	450 LF
48" SEWER MANHOLE	1 EA
AC PAVEMENT PATCH	1 EA
SIDEWALK RAMP	1 EA

PUBLIC WATER QUANTITIES

ITEM	AMOUNT
8" PVC WL	273 LF
8" DOUBLE CHECK DETECTOR ASSEMBLY	1 EA
3" TURBINE METER	1 EA
2" DOMESTIC METER	1 EA
3" RPPA	1 EA
2" RPPA	1 EA
8" GATE VALVE	1 EA
2" BLOW OFF ASSEMBLY	1 EA
8"x8" TEE	1 EA

ADDATIVE ALTERNATE #1

ALEXANDER ROAD

ITEM	AMOUNT
3" AC PAVEMENT	584 SY
L-TYPE CURB AND GUTTER	141 LF
CONCRETE SIDEWALK	704 SF
SIDEWALK RAMP	1 EA
8" CROSS GUTTER	315 SF
TYPE II AB	89 CY
STRUCTURAL FILL	94 CY

Use of the information contained in this instrument for other than the specific purpose for which it was intended and for other than the client for whom it was prepared is forbidden unless expressly permitted in writing in advance by t&grf Civil Engineering, and t&grf Civil Engineering shall have no liability to any use of this information without their written consent.

NOTICE!

EXISTING UTILITIES ARE LOCATED ON THE PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE ENGINEER BEARS NO RESPONSIBILITY FOR THE LOCATION OF UTILITIES SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES BEFORE STARTING CONSTRUCTION AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES WITH THE UTILITY COMPANIES.

Avoid cutting underground utility lines. It's costly.

Call before you Dig

1-800-227-2600
NEVADA POWER ENVIRONMENT AND UNDERGROUND SERVICE (NAPS)

Avoid overhead power line contact

Call before you OVERHEAD

1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

REVISIONS

NO.	DATE	DESCRIPTION

CONSULTANT

t&grf
CIVIL ENGINEERING
1231 DARMARK DRIVE
LAS VEGAS, NV 89102
PHONE: 702-870-2660
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City of Las Vegas
Gilmore Cliff Shadows Trail Head

VICINITY MAP, INDEX OF SHEETS
LEGEND AND ABBREVIATIONS

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

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-6335
FAX: (702) 584-8846
TDD: (702) 584-1108

DRAWN: gfr
FILE: C100804TRAILHEAD
DATE: SEPTEMBER 2006
SCALE: NA
BID NO: 061534111
CLV DWG NO: 65083
SHEET NO: C1.00

STAMP: GUY F. RUDDY CIVIL PROFESSIONAL No. 12848

12-10-06
21-12-06