

MATCHLINE - SEE SHEET C3.01

CONTRACTOR NOTE:
PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL SCRAPE AND STOCKPILE THE TOP 3"-4" OF EXISTING UNDISTURBED SOIL WITHIN THE LIMITS OF THE PROPOSED WORK AREA. THE 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 GRAVE PATHWAYS. STOCKPILED SOIL CONTAINS DORMANT SEEDS FOR RE-VEGETATION OR WILDLIFE PLANTS.

BLM RED ROCK CONSERVATION AREA
NO WORK IS TO ENCRONCH UPON THE BLM RED ROCK CONSERVATION AREA. KEEP ALL WORK EQUIPMENT AND PERSONNEL WITHIN THE 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 LOCATION, VERIFICATION AND MAINTENANCE OF THE BOUNDARY LINE LOCATION.

RED ROCK CONSERVATION AREA
N.A.P.
C4.00
E
(2896)

RED ROCK CONSERVATION AREA
N.A.P.
C4.01
H

RED ROCK CONSERVATION AREA
N.A.P.
C4.01
K

RED ROCK CONSERVATION AREA
N.A.P.
C4.01
L

RED ROCK CONSERVATION AREA
N.A.P.
C4.01
M

RED ROCK CONSERVATION AREA
N.A.P.
C4.01
N

FF=(2896.30) FF=(2894.30)

FF=(2897.30)

FF=(2894.70)

FF=(2892.10)

FF=(2889.80)

FF=(2887.40)

EX. RIDGE TOP ESTATES
PB 119-89

FF=(2894.30) FF=(2893.60)

FF=(2893.10) FF=(2892.80)

FF=(2891.60)

CHICKASAW BEND COURT
(PRIVATE)

EX. RIDGE TOP ESTATES
PB 119-89

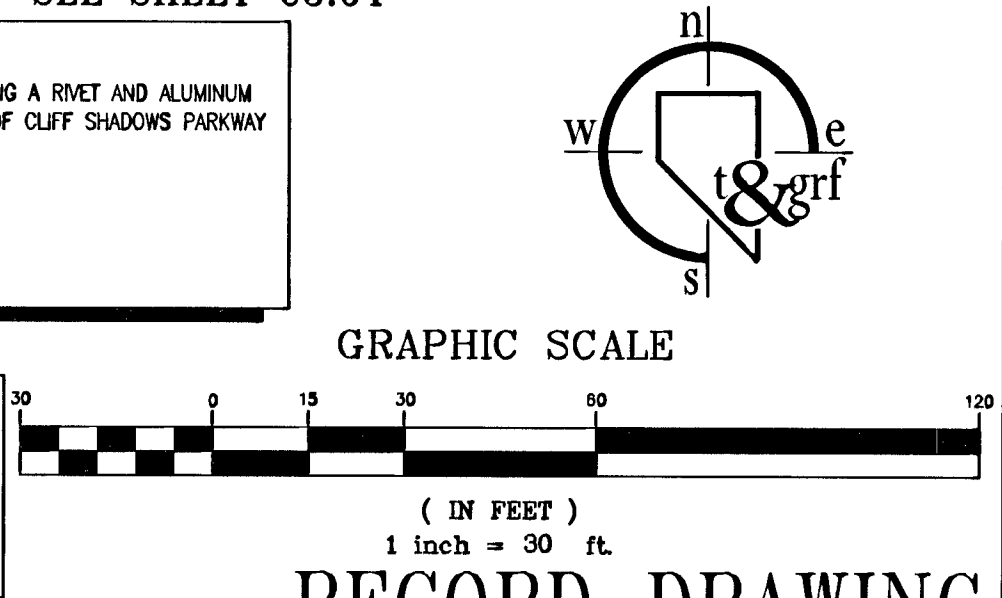
SITE NOTES:
1) CONTRACTOR RESPONSIBLE FOR THE LOCATION AND MAINTENANCE OF BOUNDARY LINE LOCATION. NO WORK TO ENCRONCH UPON THE BLM RED ROCK CONSERVATION AREA. KEEP ALL WORK EQUIPMENT AND PERSONNEL WITHIN THE CLIFF SHADOWS TRAIL HEAD BOUNDARY/PROPERTY AT ALL TIMES. ENCRONCHMENT AND/OR DISTURBANCE TO THE BLM AREA CAN RESULT IN SUBSTANTIAL FINES.
2) CONTRACTOR TO PROVIDE DUST CONTROL DURING AND UPON COMPLETION OF WORK.
3) PROTECT EXISTING PLANTS DURING CONSTRUCTION. REFER TO LANDSCAPE ARCHITECTS PLANS
4) CONTRACTOR TO SCRAPE AND STOCKPILE THE TOP 3"-4" 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, THE GRADE EARTH TO BE REMOVE UNUSUAL IRREGULARITIES. REINSTALL STOCKPILED TOPSOIL OVER ALL DISTURBED AREAS AND LIGHTLY RAKE SURFACE TO RESTORE NATURAL CONDITION. APPLY ECO-TEXT 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.

ENGINEER'S NOTES
1. ENGINEERING BASED ON THE GEOTECHNICAL DATA REPORT PREPARED BY NUNO & MOORE PROJECT No. 301600001 DATED SEPTEMBER 13, 2004.
2. SEE SHEET C1.01 FOR GENERAL NOTES AND LEGEND.
3. CONTRACTOR TO VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION.
4. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
5. SEE LANDSCAPE PLANS FOR LANDSCAPING AND ONSITE IRRIGATION. CONTRACTOR TO PROTECT EXISTING LANDSCAPING DURING CONSTRUCTION.
6. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
7. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY (DS3856) FOR THIS PROJECT ON FILE WITH THE CITY OF LAS VEGAS.
GUY F. RUDDY, PE #12848
DATE 03-19-09

BENCHMARK
CITY OF LAS VEGAS VERTICAL CONTROL POINT "LV109 12NW6", BEING A RIVET AND ALUMINUM PLATE IN A CONCRETE PAD (TRANS SW8213), 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 59 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN IN FILE 120 OF SURVEYS AT PAGE 83, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.



LINE TYPE LEGEND

(---)	PROPOSED LIMITS OF CONSTRUCTION
(---)	CENTER LINE
(---)	PROPERTY LINE/ RIGHT-OF-WAY
(---)	EASEMENT
(---)	EXISTING GROUND CONTOUR
(---)	FINISH GROUND CONTOUR

HATCH LEGEND

(Hatched pattern)	LOOSE RIP RAP PER PLAN
(Hatched pattern)	GRADED RIP RAP PER PLAN
(Hatched pattern)	SOIL CEMENT PER PLAN

CONSTRUCTION NOTES
1. CONCRETE BOLLARDS, SEE SHEET C7.02.

Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

Call before you OVERHEAD
1-702-593-6111
NEVADA POWER ENVIRONMENT & SAFETY SERVICES DEPARTMENT

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.

CALL BEFORE YOU DIG
1-800-227-2600
UNDERGROUND SERVICE (USA)

t&grf
CONSULTANT
CIVIL ENGINEERING
1231 DARMAR DRIVE
LAS VEGAS, NV 89102
PHONE: 702-870-2660
FAX: 702-870-6035

GOWAN LONE MOUNTAIN SYSTEM
CLIFF SHADOWS PARK
GRADING AND DRAINAGE PLAN

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

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-5535
FAX: (702) 388-4830
TDD: (702) 388-9108

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REVISIONS

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

DRWING
DATE: MARCH 2009
SCALE: 1"=30'
SHEET NO: 65083
SHEET NO: C3.02