

ENGINEER'S NOTES

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

CONTRACTOR NOTE:

PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL SCRAPE AND STOCKPILE THE TOP 3"-8" 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 ENCRUCH UPON THE BLM RED ROCK CONSERVATION AREA. KEEP ALL WORK EQUIPMENT AND PERSONNEL WITHIN THE GILMORE CLIFF SHADOWS TRAIL HEAD BOUNDARY/PROPERTY AT ALL TIMES. ENCRUCHMENT 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"-8" 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 REMOVED UNUSUAL IRREGULARITIES. REINSTALL STOCKPILED TOPSOIL OVER ALL DISTURBED AREAS AND LIGHTLY RAKE SURFACE TO RESTORE NATURAL CONDITION. APPLY EDD-TEX SOIL BINDER PER MANUFACTURER'S RECOMMENDATION AND SPECIFICATIONS (702) 973-2933. DO NOT APPLY A POST-EMERGENT OR ROCK MULCH AREAS THAT ARE TO RECEIVE THE STOCKPILED SOIL.

BLM RED ROCK CONSERVATION AREA

NO WORK IS TO ENCRUCH UPON THE BLM RED ROCK CONSERVATION AREA. KEEP ALL WORK, EQUIPMENT AND PERSONNEL WITHIN THE GILMORE 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.

NOTE:

THE PURPOSE OF THE PLAN IS PROVIDE AN OVERALL VIEW OF THE PROJECT GRADING AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES. PLEASE REFER TO SHEETS C3.01 THROUGH SHEETS C3.04 FOR INFORMATION AND IMPROVEMENTS.

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY (053856) FOR THIS PROJECT ON FILE WITH THE CITY OF LAS VEGAS.

[Signature] DATE: 03-19-09
 CITY F. RUDDY, PE #12848

EXISTING RIP RAP LINED TRAPEZOIDAL CHANNEL (10' WIDE BOTTOM; 3:1 SIDE SLOPE)

PROPOSED 5'x5' RCB STORM DRAIN
 FOUND 3.5" BRASS CAP IN CONC. - PLS 13747, 2003

580 LF RIP RAP LINED TRAPEZOIDAL CHANNEL (10' WIDE BOTTOM; 3:1 SIDE SLOPE)

ALEXANDER ROAD

PROPOSED 674 LF 16'x7' REINFORCED CONCRETE ARCH CULVERT/HEADWALL ACCESS ROUTE AND DEBRIS BASIN CCRCD FACILITY (GOLM 0246)

30 LF TRANSITION STRUCTURE

EXISTING 200' LONE MOUNTAIN WEST DRAINAGE BASEMENT 20000321001691

EXISTING 16'x9' REINFORCED CONCRETE ARCH CULVERT CCRCD FACILITY (GOLM 0240)

EXISTING 15' CONCRETE RECTANGULAR CHANNEL CCRCD FACILITY (GOLM 0240)

FOUND P.K. NAIL - CHECKED TO RM'S

N 1/16 11/12

FOUND BLM BRASS CAP IN ROCK PILE - N1/6 S11 S12, T20S, R59E

W 1/16 1/12

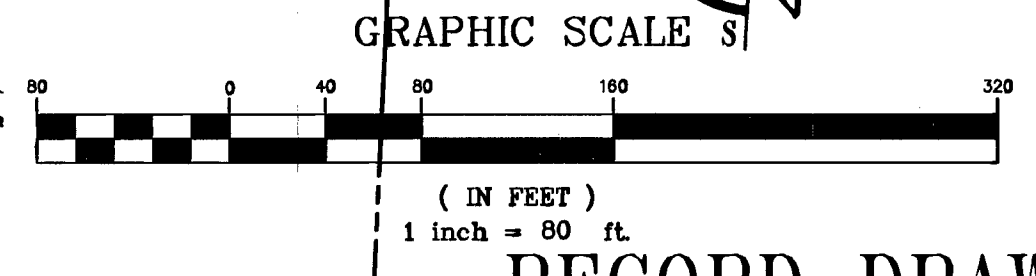
LINE TYPE LEGEND

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

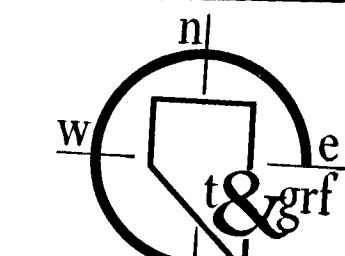
(2900)

HATCH LEGEND

- LOOSE RIP RAP PER PLAN
- GROUTED RIP RAP PER PLAN
- SOIL CEMENT PER PLAN



NW1/16 12



REVISIONS

CONSULTANT

t&grf
 CIVIL ENGINEERING
 1231 DARIK DRIVE
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GOWAN LONE MOUNTAIN SYSTEM
 CLIFF SHADOWS PARK

OVERALL FINAL GRADING AND
 DRAINAGE PLAN

STAMP

 F. RUDDY
 12/31/08
 CIVIL
 03-19-09

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

400 EAST STEWART AVENUE
 LAS VEGAS, NEVADA 89101
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DRAWN grf
 FILE C300/00/Arch
 DATE MARCH 2009
 SCALE 1"=80'
 BID NO.
 CIV DWG NO. 65083
 03
 SHEET NO. C3.00

116838

RECORD DRAWING