

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:
1) 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.
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"-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 EDD-TEX SOIL BINDER PER MANUFACTURER'S RECOMMENDATION AND SPECIFICATIONS (702) 873-2033. DO NOT APPLY A FIRE-EMERGENT OR ROCK MULCH AREAS THAT ARE TO RECEIVE THE STOCKPILED SOIL.

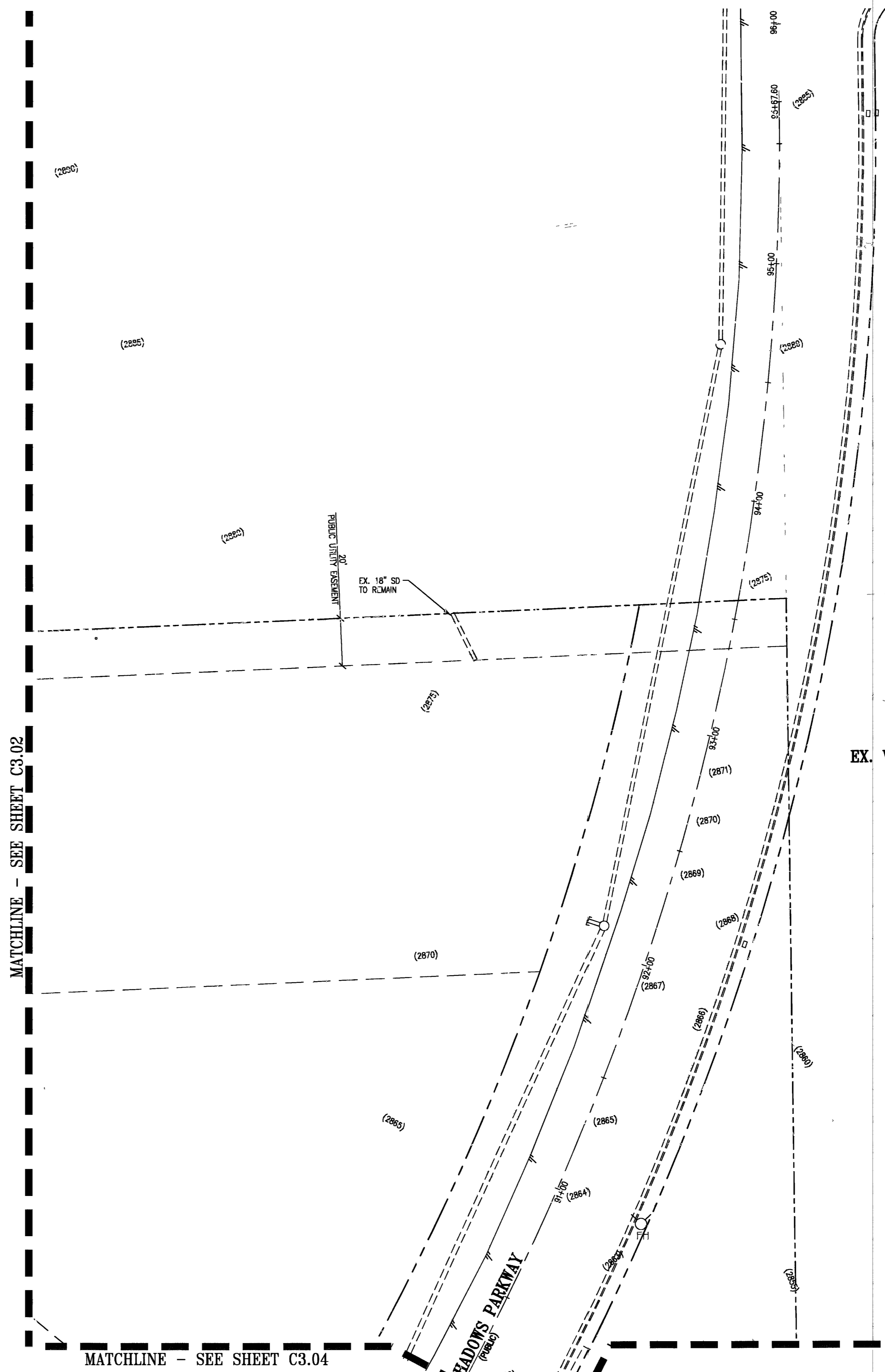
BLM RED ROCK CONSERVATION AREA
NO WORK IS TO ENCRUCH UPON THE BLM RED ROCK CONSERVATION AREA. KEEP ALL WORK, EQUIPMENT AND PERSONNEL WITHIN THE GILMORE CLIFF SHADOWS PARK AND TRAIL HEAD AT ALL TIMES. DISTURBANCES OR ANY KIND TO THE BLM RED ROCK CONSERVATION AREA CAN RESULT IN SUBSTANTIAL FINES. CONTRACTOR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

LINE TYPE LEGEND

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

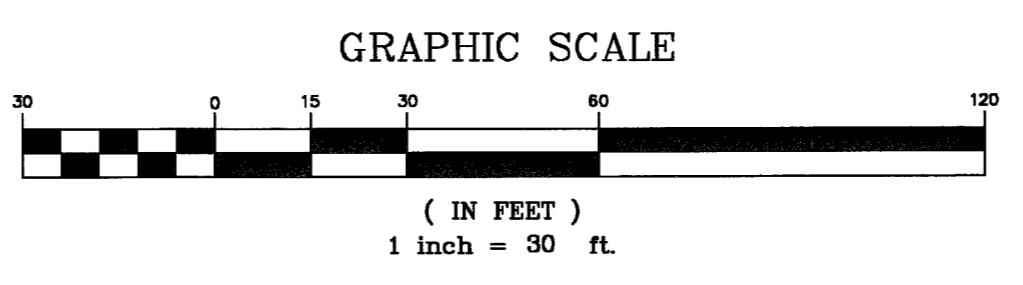
HATCH LEGEND

[Hatch Pattern]	LOOSE RIP RAP PER PLAN
[Hatch Pattern]	GROUTED RIP RAP PER PLAN
[Hatch Pattern]	SOIL CEMENT PER PLAN



BENCHMARK
CITY OF LAS VEGAS VERTICAL CONTROL POINT "1LV09 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)
872.077 (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.



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.

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

Avoid overhead power line contact.
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.

Avoid cutting underground utilities. It's costly.
CALL BEFORE YOU Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

ENGINEER'S NOTES
1. ENGINEERING BASED ON THE GEOTECHNICAL DATA REPORT PREPARED BY NINYO & MOORE PROJECT No. 301800001 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 ON-SITE 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 APPROVED DRAINAGE STUDY FOR THIS CITY OF LAS VEGAS.
GUY F. RUDDY, PE #12848

ADA NOTE
ALL SIDEWALKS AND HANDICAP ACCESS RAMPS SHALL MEET ADA REQUIREMENTS. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN DESIGN INFORMATION AND ADA REQUIREMENTS PRIOR TO CONSTRUCTION.