

**CONTRACTOR NOTE:**

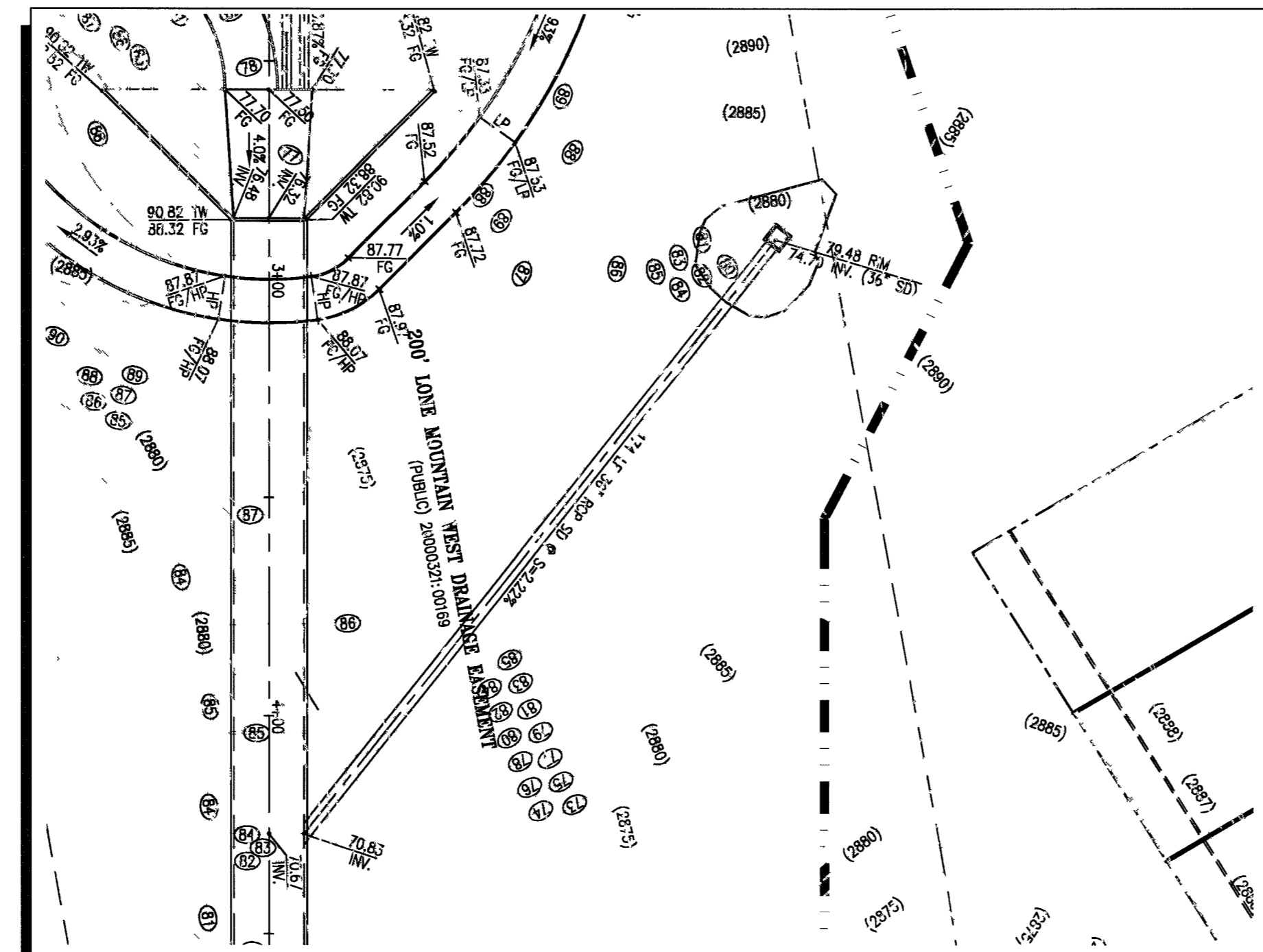
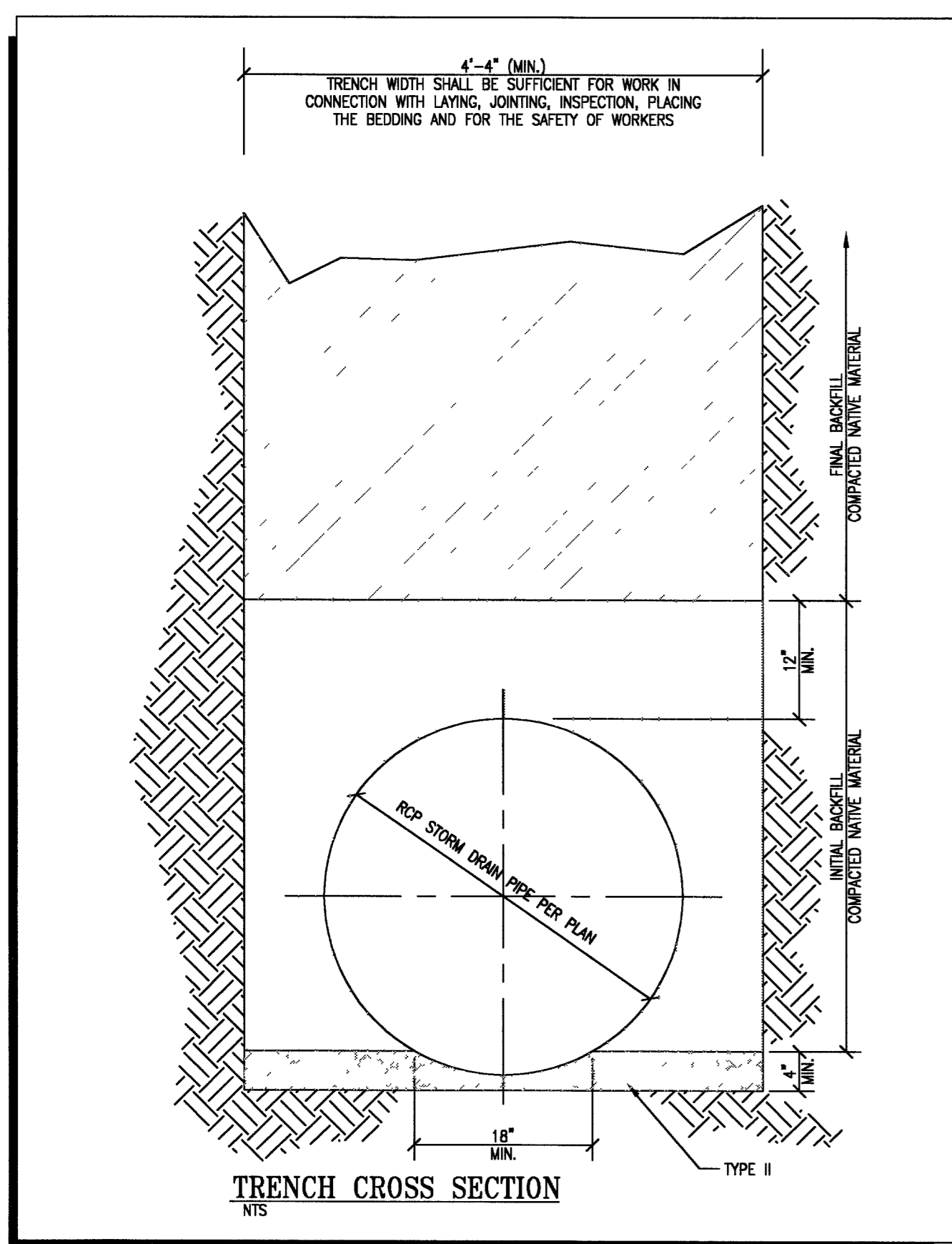
PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL SCRAPE AND STOCKPILE THE TOP 3"-8" OF EXISTING UNDISTURBED SOIL WITHIN THE LIMITS OF THE PROPOSED WORK AREA. CONTRACTOR TO LOCATE AND STOCKPILE THIS SCRAPED EXISTING UNDISTURBED SOIL ON-SITE IN AN AREA AGREED UPON BY CONTRACTOR AND OWNER PROVIDING EASE 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 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"-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 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 PEE-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 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.



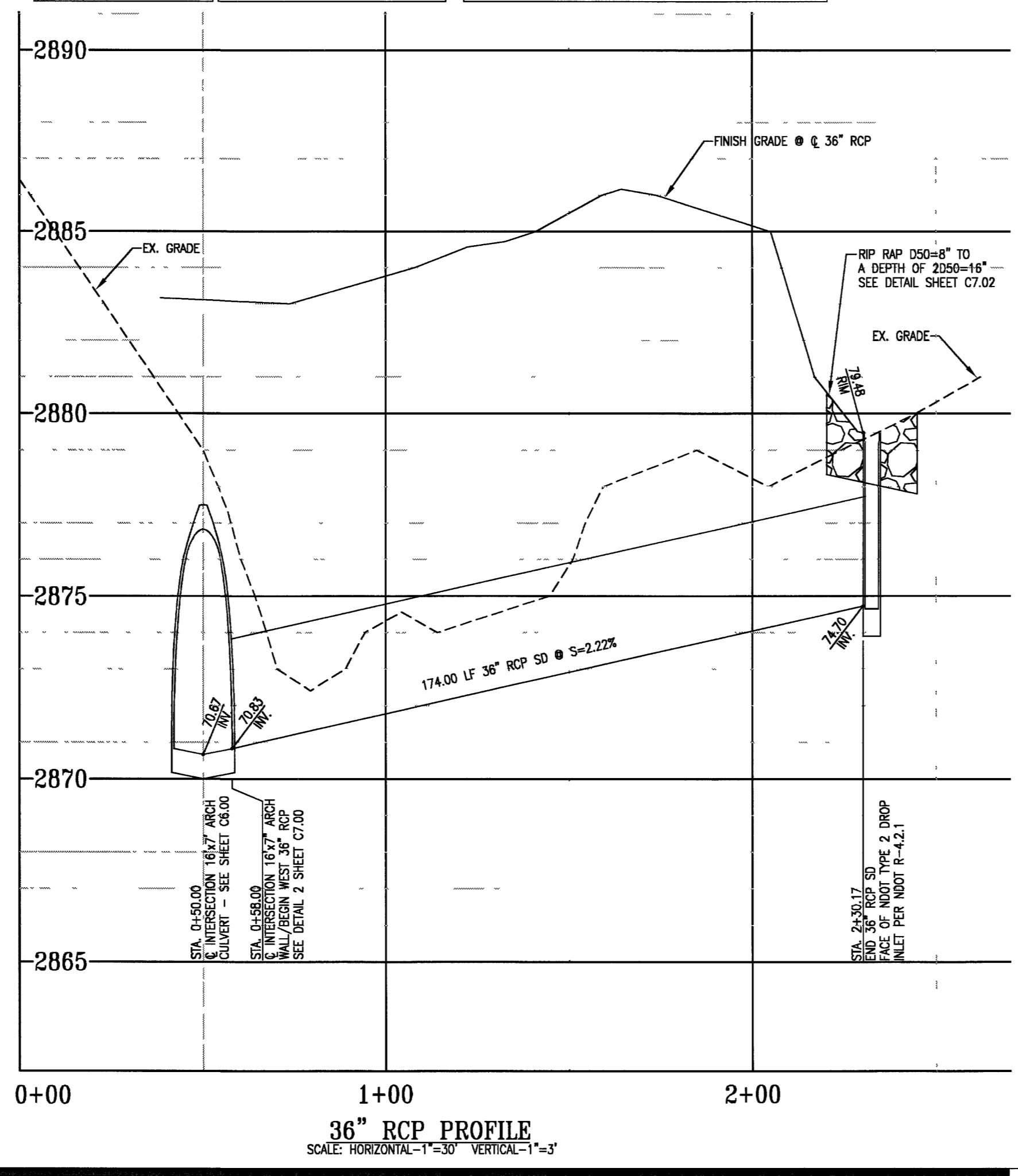
SCALE: HORIZONTAL-1"=30' VERTICAL-1"=3'

**Call before you Dig**  
1-800-227-2600  
UNDERGROUND SERVICE ALERT (U.S.A.)

**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.

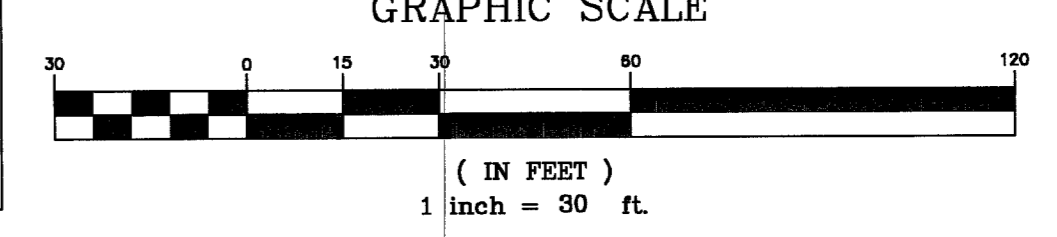
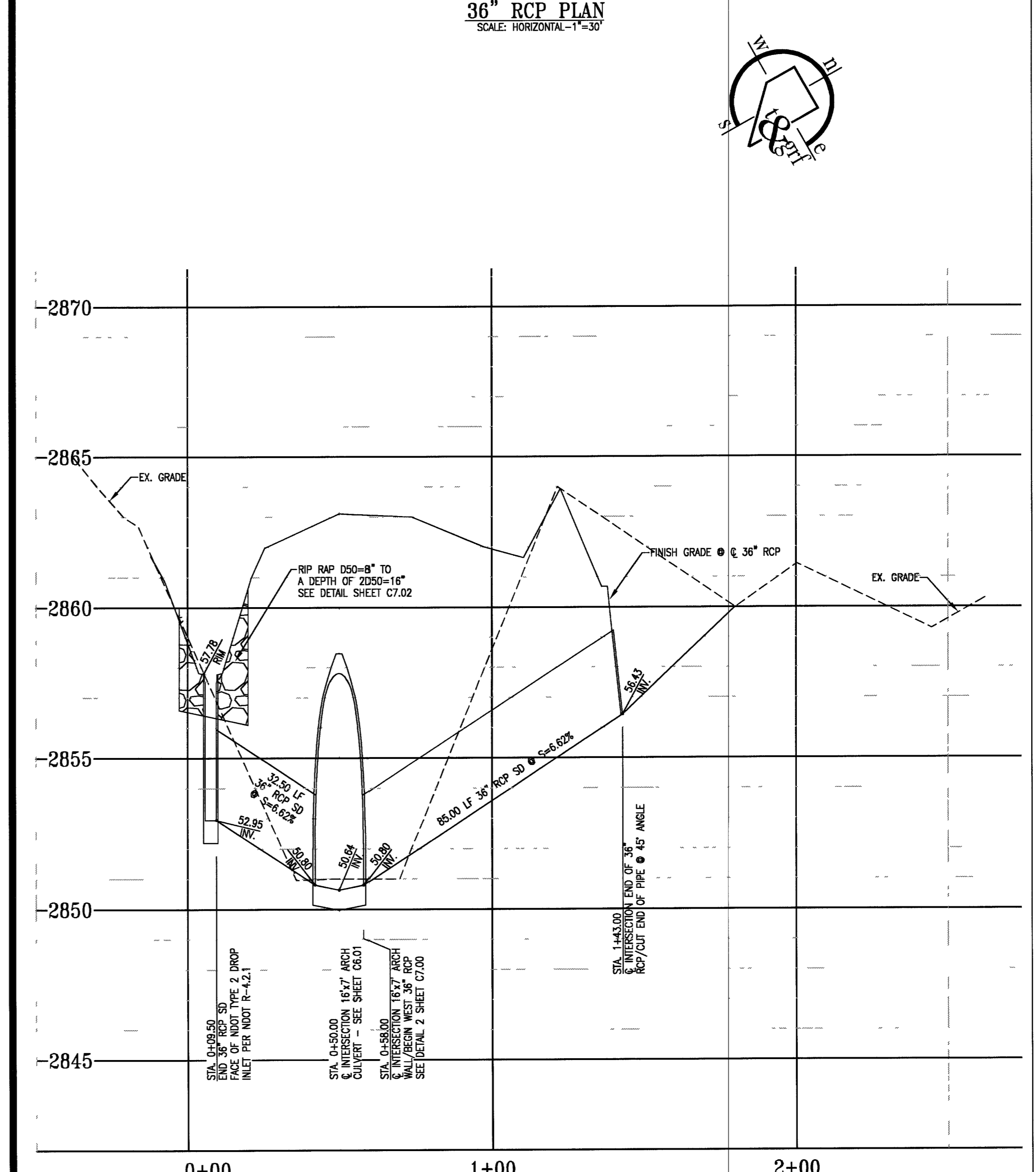
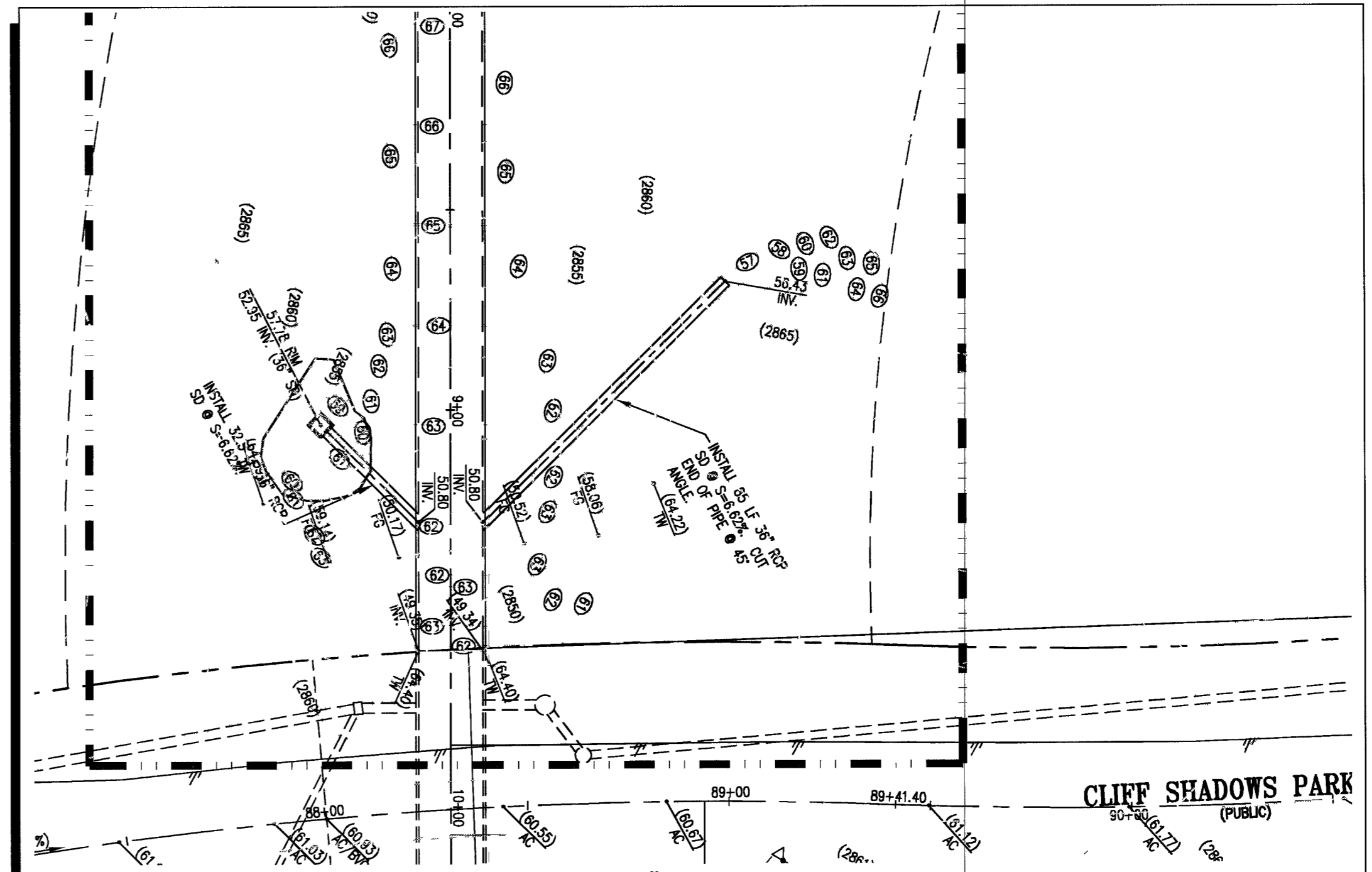
**CALL BEFORE YOU Dig**  
1-800-227-2600  
UNDERGROUND SERVICE (USA)



**BENCHMARK**  
CITY OF LAS VEGAS VERTICAL CONTROL POINT "LV09 12NW6", BEING A RIVET AND ALUMINUM PLATE IN A CONCRETE PAD (TRANS SW6213), 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 63, OFFICIAL RECORDS, CLARK COUNTY.

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 user of this information without their written consent.



CONSULTANT

**t&grf**  
CIVIL ENGINEERING  
1231 DARMAK DRIVE  
LAS VEGAS, NV 89102  
PHONE: 702-870-2660  
FAX: 702-870-6033

GOWAN LONE MOUNTAIN PARK  
CLIFF SHADOWS PARK  
DRAINAGE STRUCTURE PLAN AND PROFILE

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

400 EAST STEWART AVENUE  
LAS VEGAS, NEVADA 89101  
PHONE: (702) 229-6535  
FAX: (702) 384-4846  
TDD: (702) 386-9108

DRAWN: gfr  
FILE: C603.004rch  
DATE: DECEMBER 2006  
SCALE: 1"=30'  
PROJECT NO: 65083  
SHEET NO: C6.03