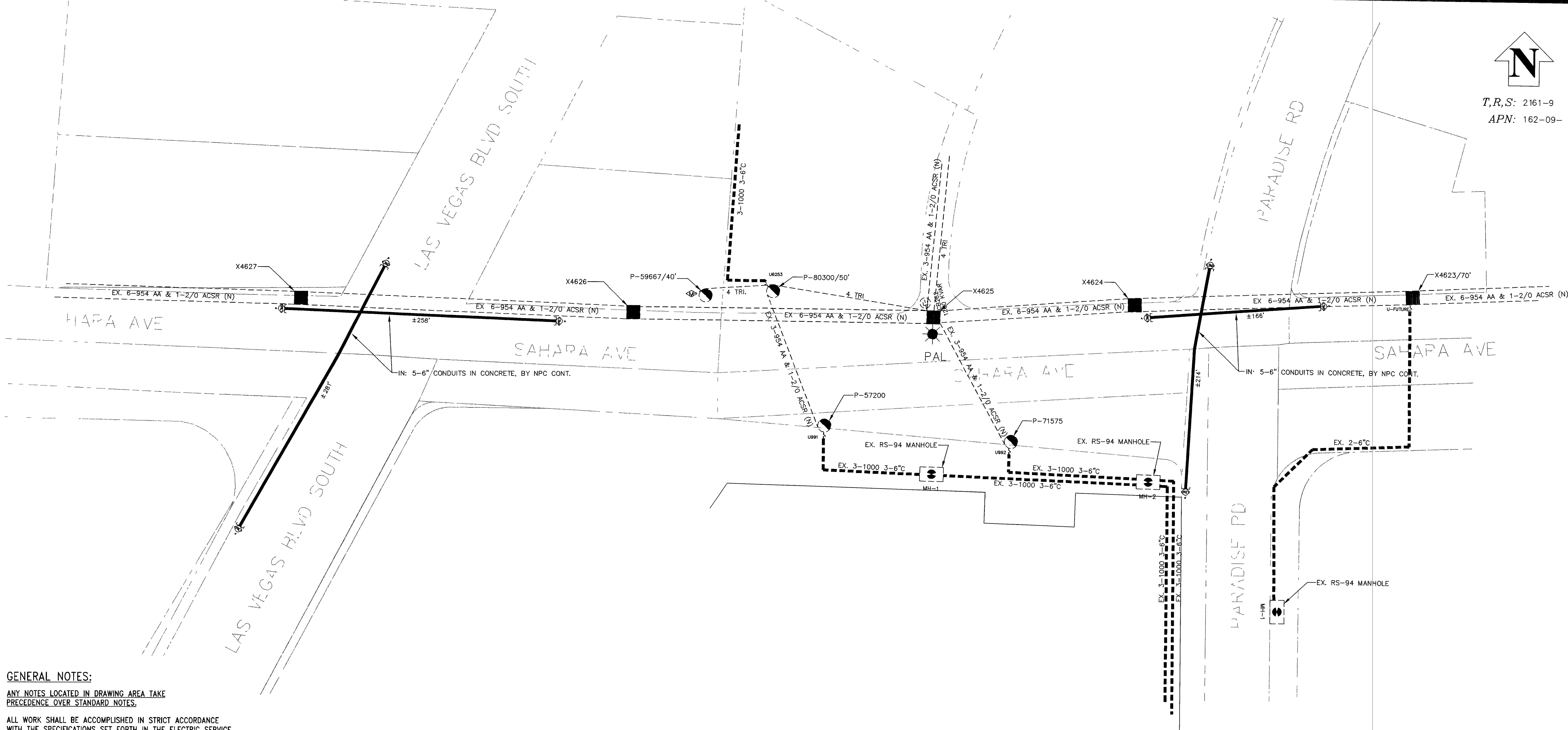




GENERAL NOTES:

ANY NOTES LOCATED IN DRAWING AREA TAKE PRECEDENCE OVER STANDARD NOTES.

ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS SET FORTH IN THE ELECTRIC SERVICE REQUIREMENTS HANDBOOK, AS CURRENTLY ADOPTED BY NPC. THE CONTRACTOR SHALL SECURE COPIES OF THE AFOREMENTIONED CONSTRUCTION SPECIFICATIONS ON HIS OR HER OWN BEHALF.

REFER TO A CURRENT NEVADA POWER ELECTRIC SERVICE REQUIREMENTS HANDBOOK FOR FURTHER CLARIFICATION OF NPC STANDARDS.

THE APPLICANT SHALL INFORM THE INSPECTOR AT LEAST 48 HOURS BEFORE COMMENCING ANY ITEM OF CONSTRUCTION OR INSTALLATION OF MATERIAL TO ENABLE PROPER INSPECTION OF MATERIALS AND WORKMANSHIP. MAIN TRENCH WIRE PULLS TO BE SCHEDULED 72 HOURS IN ADVANCE OF INSTALLATION. APPLICANT'S PROJECT WILL NOT BE SCHEDULED UNTIL FINAL APPROVAL FROM NPC UNDERGROUND & ELECTRICAL INSPECTORS.

SYMBOLS ARE NOT TO SCALE AND DO NOT NECESSARILY REPRESENT ACTUAL LOCATIONS OF FACILITIES.

THIS DRAWING ILLUSTRATES DATA COLLECTED FROM VARIOUS SOURCES AND MAY NOT REPRESENT A SURVEY OF THE PREMISES.

APPLICANT SHALL FIELD DETERMINE POSITION AND DEPTH OF EXISTING UTILITY EQUIPMENT PRIOR TO COMMENCING CONSTRUCTION.

USE CAUTION PRIOR TO EXCAVATION. CHECK TO ENSURE ADDITIONAL DEPTH IS NOT REQUIRED TO ACCOMMODATE GAS AND/OR WATER FACILITIES AND DRAINAGE CHANNELS.

CALL NEVADA POWER UNDERGROUND INSPECTORS 48 HOURS PRIOR TO START OF CONSTRUCTION FOR TRENCH INSPECTION BEFORE COVERING TRENCH.

ALL NPC CABLE TO BE INSTALLED BEHIND CURB, UNLESS OTHERWISE STATED.

APPLICANT IS RESPONSIBLE FOR STAKING OF PROPERTY CORNERS & ELEVATIONS.

ALL HANDHOLES AND PULLBOXES SHALL BE INSTALLED TO FINISHED GRADE OR 6" ABOVE IF GRADE IS NOT ESTABLISHED.

WHEN INSTALLING CONDUIT IN FIELD, USE APPROPRIATE BENDS TO COMPLETE THE INSTALLATION.

DEFLECTION OF CONDUIT BENDS AND CONDUIT NOT TO EXCEED NPC STANDARDS.

EXISTING CONDUIT INSTALLED BY PREVIOUS CONTRACTOR / DEVELOPER. NPC DOES NOT GUARANTEE LOCATION, LENGTH OR ACCESSIBILITY OF STUB OUT.

NO COVERED PARKING IN SHADED AREAS.

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

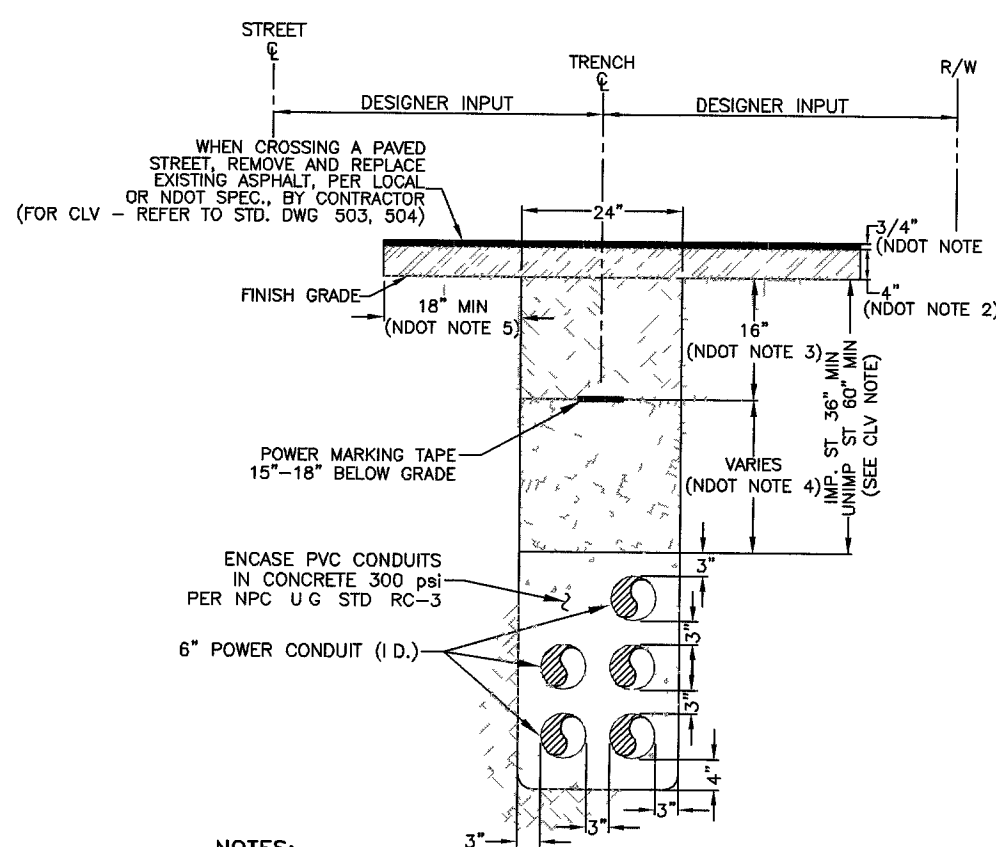
FEEDER

EXIST NEW NPC WORK AND SERVICES TO CONSIST OF:

- 1000 MCM TRIPLEX, 15 KV AL PRIMARY CABLE IN 6" PLASTIC CONDUIT.
- 1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
- 1/0, 15 KV AL PRIMARY CABLE IN 2" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
- CONDUIT LOCATING DEVICE 18" ABOVE STUBOUT.
- 600 AMP THREE PHASE, 12.47 KV PRIMARY POLE RISER PER NPC U.G. STD. OEP-101.
- SWITCHES (PMH-2, PMH-4, PMH-9, PMH-10, PMH-11, PMH-12).
- 1200KVAR CAPACITOR BANK PER NPC U.G. STD. UC-101.
- TERMINATION OF ALL MODULES, MAKES, SPLICES AND FINAL CONNECTIONS.
- PULLING OF CONDUCTOR IS CALCULATED DIRECTIONALLY. CREWS ARE TO ADHERE TO DIRECTION OF PULL WHERE APPLICABLE.
- NPC TO COIL PRIMARY CABLE IN MANHOLE FOR FUTURE SPLICES, WHERE APPLICABLE.

EXIST NEW APPLICANT TO FURNISH AND INSTALL:

- ALL TRENCHING & BACKFILL, MEETING APPLICABLE NPC STANDARD (RT-5, RT-7, OR RT-12).
- 6" PLASTIC CONDUIT, PER NPC U.G. STD. RC-1 AND RC-2.
- 6" RGS BENDS (90°, 45°) WITH 48" MIN. RADIUS, TAPED OR PVC COATED.
- 4" PLASTIC CONDUIT, PER NPC U.G. STD. RC-1 AND RC-2.
- 4" PLASTIC CONDUIT BENDS (90°, 45°) WITH 36" MIN. RADIUS. (IF CONDUIT LENGTH IS UNDER 100')
- 4" RGS BENDS (90°, 45°) WITH 36" MINIMUM RADIUS, TAPED OR PVC COATED. (IF CONDUIT LENGTH IS OVER 100')
- 5' X 10'-6" X 7' MANHOLE, PER NPC U.G. STD. RS-94.
- 5' X 10'-6" X 7' MANHOLE FOR SWITCH, PER NPC U.G. STD. RS-98, RS-99, RS-100, OR RS-101.
- 3' X 7' X 4' PULLBOX PER NPC U.G. STD. RS-82.
- VEHICLE PROTECTIVE BARRIERS PER NPC U.G. STD. RS-6, WHERE APPLICABLE.
- COUPLING FOR 2", 4", OR 6" CONDUITS (AS APPLICABLE).



NOTES:
NDOT REQUIREMENTS (APPLICABLE WITHIN NDOT RIGHT-OF-WAY ONLY):
1 3/4" MINIMUM OPEN-GRADE
2 4" MINIMUM OPEN-GRADE OR MATCH EXISTING, WHICHEVER IS GREATER
3 BASE AGGREGATE (AS PER NDOT SPECIFICATIONS, SECTION 704) A MINIMUM OF 16 INCHES TO BE LAYED IN MAXIMUM 8 INCH LIFT, 95% COMPACTION REQUIRED
4 BACKFILL WITH SELECT MATERIAL TO BOTTOM OF BASE AGGREGATE (AS PER NDOT SPECIFICATIONS, SECTION 207) 90% COMPACTION REQUIRED
5 LIMITS OF PAVING TO BE DETERMINED BY THE INSPECTOR
CLV REQUIREMENTS (APPLICABLE WITHIN CITY OF LAS VEGAS LIMITS ONLY):
IMPROVED AREA (IMP. STA.) (LOCATION OF TRENCH)
AREA WILL BE CONSIDERED IMPROVED IF IT MEETS ONE OR MORE OF THE FOLLOWING CRITERIA(S):
- EXISTING PERMANENT PAVEMENT WITH CURB & GUTTER AND/OR ADJACENT PERMANENT SIDEWALK
- WITHIN AN IMPROVED TRAIL AREA
- LIMITS OF CONSTRUCTION INSTALLED CONCURRENT WITH A PRIVATE OR PUBLIC PROJECT
UNIMPROVED AREA (UNIMP. STA.) (LOCATION OF TRENCH)
ANY OTHER SCENARIO THAT FAILS TO MEET THE IMPROVED AREA CRITERIA(S) WILL BE CONSIDERED AN UNIMPROVED AREA
NPC REQUIREMENTS
FOR ALL OTHER JURISDICTIONS REFER TO NPC STANDARDS
BACKFILL REQUIREMENTS NPC STD. RT-1, TRENCH DEPTH REQUIREMENTS NPC STD. RT-5

TRENCH DETAIL

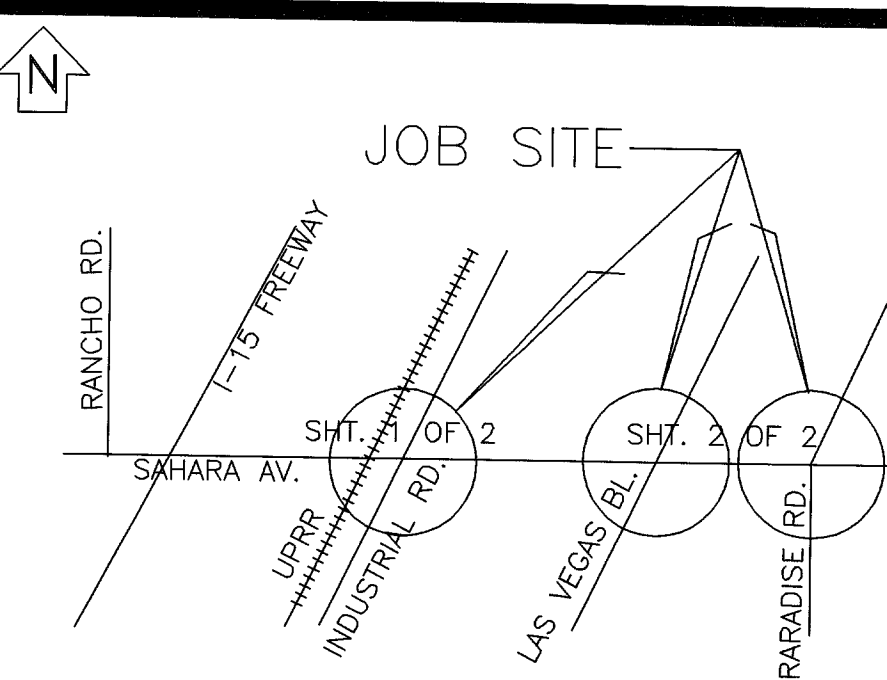
5-6" CONDUITS

PURPOSE OF PROJECT:
PROVIDE 6" CONDUITS CROSSING
BEFORE THE MILL AND PAVES TO
PROTECT FROM 5 YR. MORTUITY

CIVIL LINETYPE LEGEND

	PROPOSED	EXISTING
CENTERLINE	---	---
PROPERTY LINE/ROW	---	---
CURB	---	---
EDGE OF PAVEMENT	---	---
EDGE OF SIDEWALK	---	---
SEWER LINE *	---	---
WATER LINE *	---	---
GAS LINE *	---	---
TELEPHONE LINE *	---	---
CABLE TV LINE *	---	---
STORM DRAIN LINE *	---	---
FIRE HYDRANT	---	---
STREET LIGHT	---	---
STREET LIGHT SERVICE	---	---

* LINETYPES UTILIZED WHERE CONFLICT OCCURS WITH NPC FACILITIES



VICINITY MAP (NOT TO SCALE)

EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NPC FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE AND LOCATION OF THESE FACILITIES.

AVOID HITTING OVERHEAD POWER LINES IT'S COSTLY

CALL BEFORE YOU DO OVERHEAD

CALL 1-702-227-2929

AVOID CUTTING UNDERGROUND UTILITY LINES IT'S COSTLY

Call before you Dig.

1-800-227-2600
UNDERGROUND SERVICE (USA)

REVISIONS

NO.	DESCRIPTION	DATE	G.A.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

TYPE OF EASEMENT:	JPA NOTES:
AERIAL	SPRINT CONTACT: N/A
STANDARD	PHONE NUMBER: N/A
R/W-31	DATE OF CONTACT:
UNDERGROUND	TO SET NEW POLES
AS BUILT UNDERGROUND	TO STAKE NEW POLES
R/O E./R/W-5-COM	TO PROVIDE POLES
3rd PARTY	FT. CLASS
UNDERGROUND BY EXHIBIT	FT. CLASS
(N-DOT) PERMIT	FT. CLASS
(BLM) PERMIT	TO DIG POLE HOLES
RAILROAD-UPRR-PERMIT	TO REMOVE EX. POLES
SO. NEVADA WATER PERMIT	
NOT REQUIRED	
Misc Info	
JPA#:	N/A

NPC INFORMATION:

COORDINATOR: JAKE DE GUZMAN
PHONE: 657-4337
DESIGNER: JAKE DE GUZMAN
DCA: N/A
INSPECTOR: 378-3712
SCHEDULING: 657-4114, 657-4116, 657-4118
DISTRICT: LAS VEGAS

CUSTOMER INFORMATION:

APPLICANT: NEVADA POWER CO.
ENGINEER: NEVADA POWER CO.
CONTACT: JAKE DE GUZMAN
APPROVAL DATE:
GOVERNMENT INFORMATION:
AGENCY: NDOT
APPROVAL DATE:

NEVADA POWER COMPANY

SAHARA AV. / I-15
INTERCHANGE
SAHARA AVE. E/O I-15
FREEWAY 1074532-NPC

PROJ. ID: 180098
SHEET #: 2 OF 2
SCALE: 1" = 50'
DATE: 10/07/2005