

BUDGET ELC1217 RELIEFCT

NPC OVERHEAD SYMBOLS

EXIST.	NEW	
		SOLE USE WOOD POLE
		JOINT USE WOOD POLE
		SOLE USE STEEL POLE
		JOINT USE STEEL POLE
		GUY POLE.
		GUY
		TAP
		SWITCH
		FUSE
		DOUBLE DEAD END
		INSULATOR
		CAPACITOR BANK
		REGULATOR
		RECLOSER
		FAULT INDICATOR
		SINGLE PHASE TRANSFORMER
		PAL LIGHT
		OH PRIMARY WIRE
		OH SECONDARY WIRE
		OH SERVICE WIRE

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 BUILT-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')

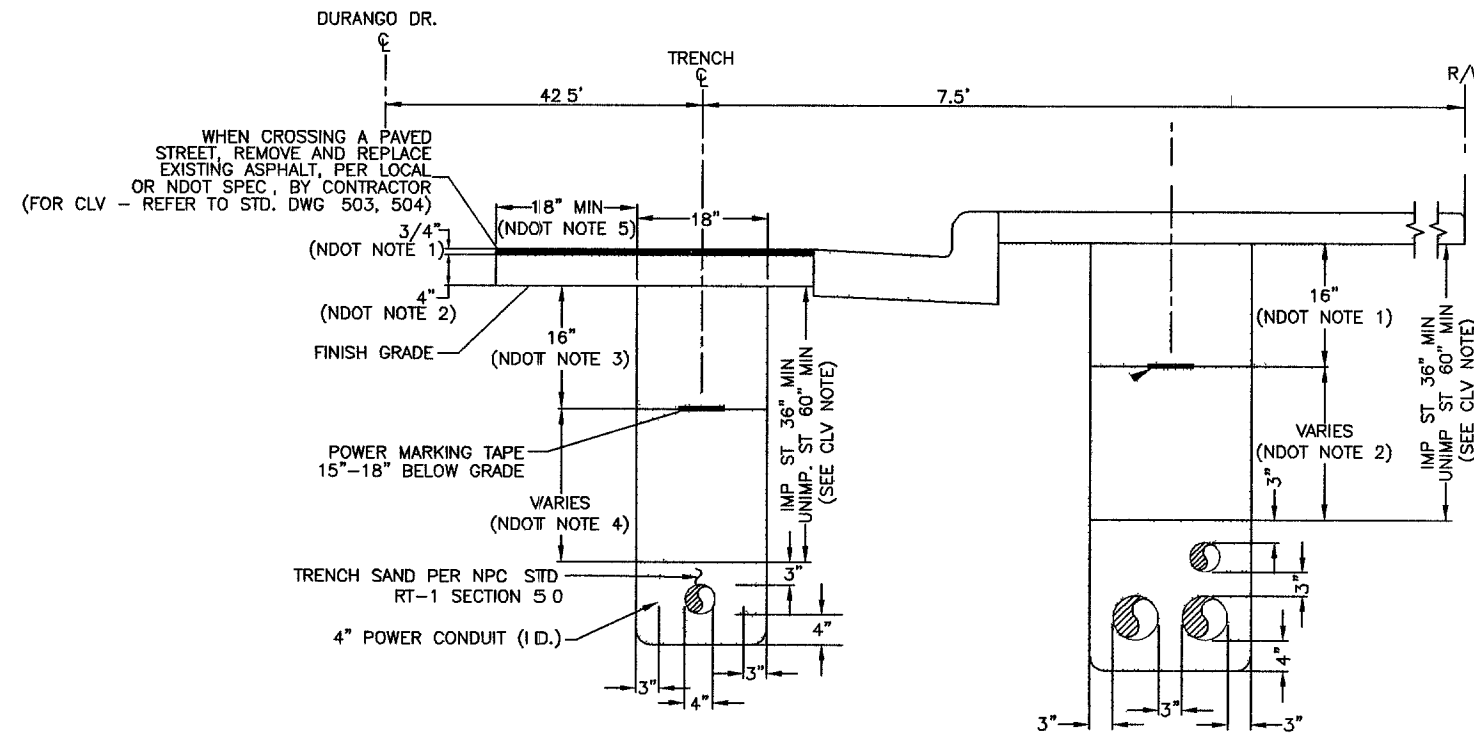
5' X 10'-6" X 7' MANHOLE, PER NPC U.G. STD. RS-94.

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).



TRENCH DETAIL "D-D"

1-4" CONDUITS EX. TRENCH DETAIL

NOTES:

- NDOT REQUIREMENTS (APPLICABLE WITHIN NDOT RIGHT-OF-WAY ONLY):
1. BASE AGGREGATE (AS PER NDOT SPECIFICATIONS, SECTION 704) A MINIMUM OF 18 INCHES TO BE LAID IN MAXIMUM 8 INCH LOOSE LIFTS. 95% COMPACTION REQUIRED.
2. BACKFILL WITH SELECT MATERIAL TO BOTTOM OF BASE AGGREGATE (AS PER NDOT SPECIFICATIONS, SECTION 207) 90% COMPACTION REQUIRED.
- CLV REQUIREMENTS (APPLICABLE WITHIN CITY OF LAS VEGAS LIMITS ONLY):
IMPROVED AREA (IMP. ST.): (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 PROJECTUNIMPROVED AREA (UNIMP. ST.): (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

CONSTRUCTION OF THIS JOB IS CONTINGENT UPON THE COMPLETION OF WR# 176230.

PURPOSE OF PROJECT:
RECONFIGURE EXISTING FACILITIES IN ORDER TO RELIEVE THE ELC1217

CITY OF LAS VEGAS PERMIT REQUIRED*

CONTACT CLV LAND DEVELOPMENT (229-6371)
CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (229-6337)

*NPC INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK.
FAX PERMIT TO:
LAS VEGAS NORTH: 657-4354
LAS VEGAS SOUTH (HENDERSON): 558-4740
LAS VEGAS SOUTH (SPRING VALLEY): 252-4828

CLARK COUNTY PUBLIC WORKS PERMIT REQUIRED*

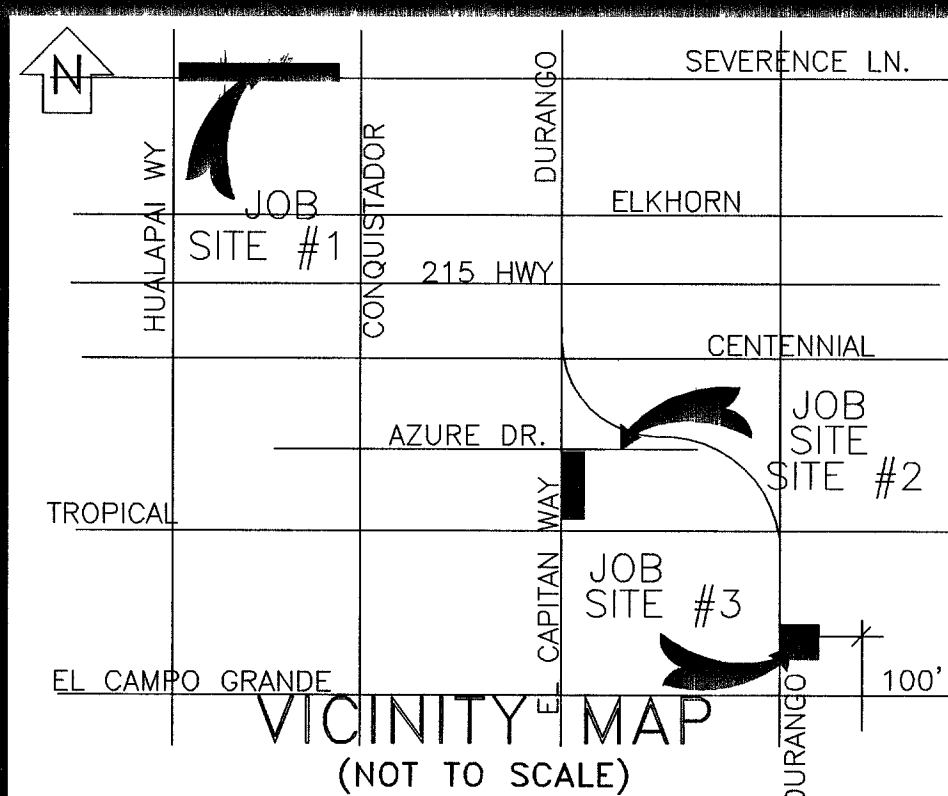
DEVELOPER/CONTRACTOR SHALL OBTAIN A COUNTY PERMIT BEFORE ANY EXCAVATION WORK WITHIN CLARK COUNTY RIGHT-OF-WAY

*NPC INSPECTOR WILL VERIFY COUNTY PERMIT FOR WORK DONE WITHIN COUNTY RIGHT-OF-WAY

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



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			

TYPE OF EASEMENT:	JPA NOTES:
AERIAL STANDARD	☐ SPRINT CONTACT: N/A
R/W-31	☐ PHONE NUMBER: _____
UNDERGROUND	☐ DATE OF CONTACT: _____
AS BUILT UNDERGROUND	☐ TO SET NEW POLES
R.O.E./R/W-5-COM	☐ TO STAKE NEW POLES
3-H PARTY	☐ TO PROVIDE _____ POLES
UNDERGROUND BY EXHIBIT	☐ _____ FT. CLASS _____
(N-DOT) PERMIT	☐ _____ FT. CLASS _____
(BLM) PERMIT	☐ _____ FT. CLASS _____
RAILROAD-UPRR-PERMIT	☐ TO DIG POLE HOLES
SO NEVADA WATER PERMIT	☐ TO REMOVE EX. POLES
NOT REQUIRED	☐ NONE
Misc Info	☐ JPA#: _____ N/A

NPC INFORMATION:

COORDINATOR: TODD STREAMING

PHONE: 657-4328

DESIGNER: JORGE NAJERA

DCA: _____

INSPECTOR: 378-3695

SCHEDULING: 657-4114, 657-4116, 657-4118

DISTRICT: LAS VEGAS

CUSTOMER INFORMATION:

APPLICANT NPC

ENGINEER: NPC

CONTACT: NPC

APPROVAL DATE: _____

GOVERNMENT INFORMATION:

AGENCY: CITY OF LAS VEGAS

APPROVAL DATE: 10-26-05

NEVADA POWER COMPANY

ELC1217 2006 BUDGET JOB

1070487-NPC

PROJ. ID: 179766

SCALE: 1" = 50'

SHEET #: 1 OF 4

DATE: _____