

PURPOSE OF PROJECT:
TO DEMO A APARTMENT
COMPLEX FOR THE HOUSING
AUTHORITY OF LV

MATCH LINE 'A' - SEE THIS SHEET

PALOMAR AVE (PUBLIC)

JOHNSON AVE (PUBLIC)

175961
PUBLIC STORAGE

HONOLULU ST (PUBLIC)

ARCO
AM/PM

CHARLESTON BLVD (PUBLIC)

SUNRISE AVE
(PUBLIC)

HONOLULU ST (PUBLIC)

MATCH LINE 'A' - SEE THIS SHEET

RESIDENTIAL DEVELOPMENT WITH FEEDER

NPC WORK AND SERVICES TO CONSIST OF:

- EXIST NEW
- 1000 MCM TRIPLEX, 15 KV AL PRIMARY CABLE IN 6" PLASTIC CONDUIT.
 - 1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT.
 - 1/0, 15 KV AL PRIMARY CABLE IN 2" or 4" PLASTIC CONDUIT.
 - 2" DB120 PLASTIC CONDUIT (INCLUDING SWEEPS OR RISERS FOR HANDHOLES, TRANSFORMERS, PULLBOXES, ETC.).
 - 2" SCH.40 PLASTIC CONDUIT BENDS (90°, 45°) WITH 48" MINIMUM RADIUS (IF CONDUIT LENGTH IS UNDER 500').
 - 2" FIBERGLASS CONDUIT BENDS (90°, 45°) WITH 36" MINIMUM RADIUS (IF CONDUIT LENGTH IS OVER 500').
 - 500 MCM TRIPLEX SECONDARY CABLE IN 4" PLASTIC CONDUIT.
 - 350 MCM TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.
 - 4/0 4/0 AWG TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.
 - 2/0 2/0 AWG TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.
 - CONDUIT LOCATING DEVICE 18" ABOVE STUBOUT.
 - SINGLE PHASE PRIMARY POLE RISER PER NPC U.G. STD. OEP-105.
 - THREE PHASE PRIMARY POLE RISER PER NPC U.G. STD. OEP-106.
 - 600 AMP THREE PHASE, 12.47 KV PRIMARY POLE RISER PER NPC U.G. STD. OEP-101.
 - SECONDARY RISER PER NPC U.G. STD. SSP-2.
 - SWITCHES (PMH-2, PMH-4, PMH-9, PMH-10, PMH-11, PMH-12).
 - 1200KVAR CAPACITOR BANK PER NPC U.G. STD. UC-101.
 - SINGLE PHASE RESIDENTIAL PADMOUNTED TRANSFORMER WITH SIZE AS NOTED, 7200-120/240V, PER NPC U.G. STD. UT-113.
 - (2) SINGLE PHASE RESIDENTIAL COMMERCIAL TRANSFORMERS WITH SIZE AS NOTED, 7200-120/240V, CONNECT OPEN WYE-OPEN DELTA FOR THREE PHASE 120-240V SERVICE, PER NPC U.G. STD. UT-115, WHERE APPLICABLE.
 - SINGLE PHASE COMMERCIAL PADMOUNTED TRANSFORMER WITH SIZE AS NOTED, 7200-120/240V, PER NPC U.G. STD. UT-105.
 - TERMINATION OF ALL MODULES, MAKES, SPLICES AND FINAL CONNECTIONS.
 - NPC TO COIL PRIMARY CABLE IN PULLBOX FOR FUTURE SPLICES, WHERE APPLICABLE.
 - NPC TO CUT EXISTING CONDUIT AND TERMINATE PRIMARY CABLES ON THE LOAD BREAK MODULE, WHERE APPLICABLE.
 - 100 FEET OUTSIDE RESIDENTIAL DEVELOPMENT MARKER.
 - DCA TO PAY CONDUIT AND RISER COSTS INSIDE OF MARKER. CUSTOMER RESPONSIBLE FOR COSTS OUTSIDE MARKER.

CUSTOMER RESPONSIBILITY DCA RESPONSIBILITY

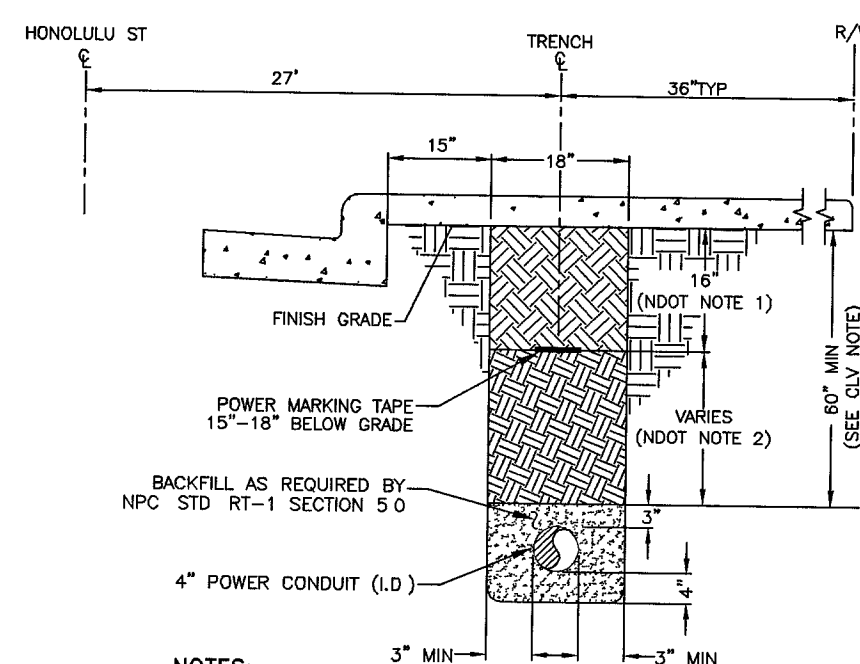
CITY OF LAS VEGAS PERMIT REQUIRED*

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:
LAS VEGAS NORTH: 657-4354
LAS VEGAS SOUTH (HENDERSON): 558-4740
LAS VEGAS SOUTH (SPRING VALLEY): 252-4828

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



NOTES:

1. BASE AGGREGATE (AS PER NOT SPECIFICATIONS, SECTION 704) A MINIMUM OF 16 INCHES TO BE Laid IN MAXIMUM 8 INCH LIFT LIFTS. 90% COMPACTION REQUIRED.
2. BACKFILL WITH SELECT MATERIAL TO BOTTOM OF BASE AGGREGATE (AS PER NOT 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 PROJECT
- UNIMPROVED 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.

TRENCH DETAIL A-A

1-4" CONDUITS

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.

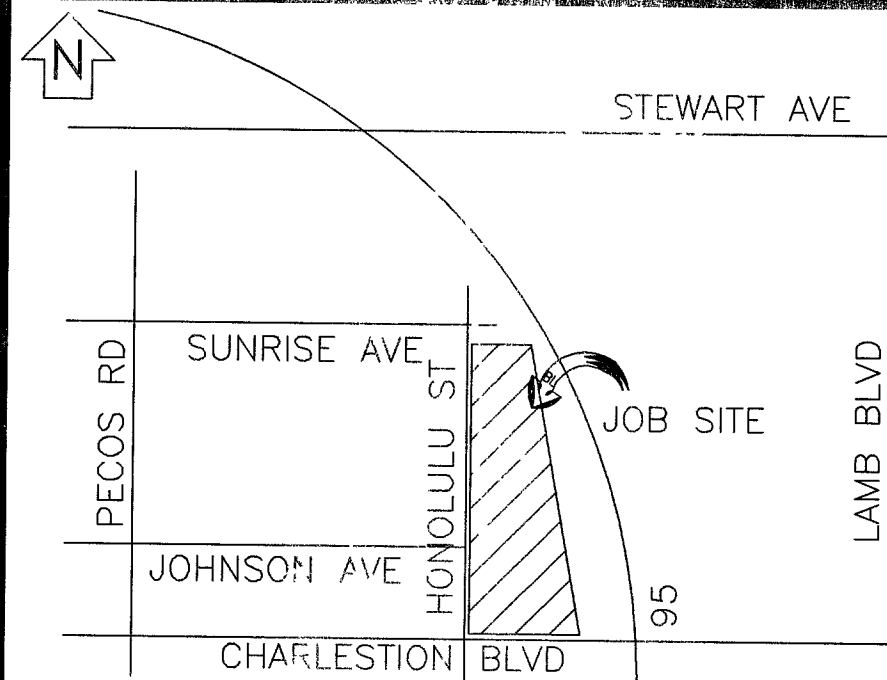
APPLICANT TO FURNISH AND INSTALL:

- EXIST NEW
- ALL TRENCHING & BACKFILL, MEETING APPLICABLE NPC STANDARD
(RT-7, RT-8, 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 100' OUTSIDE RESIDENTIAL DEVELOPMENT,
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')
 - STREET CROSSING INSTALLATION, NPC REQUIRES
A 4" CONDUIT PER SECONDARY CABLE, AND
A 2" CONDUIT PER 1/0 CABLE.
 - 6" TO (3/2)" REDUCERS, PER NPC U.G. STD. RC-1 AND RC-2.
 - 4" TO (1/2)" REDUCERS, PER NPC U.G. STD. RC-1 AND RC-2.
 - COUPLING FOR 2" OR 4" CONDUITS (AS APPLICABLE).
 - 17" X 30" HANDHOLE, PER NPC U.G. STD. RS-1 (WITH 8"
COLLAR WHERE APPLICABLE).
 - 2'-6" X 4' X 4' SPLICE PULLBOX PER NPC U.G. STD. RS-80.
 - 3' X 7' X 4' PULLBOX PER NPC U.G. STD. RS-82.
 - PAD FOR (1) SINGLE PHASE RESIDENTIAL TRANSFORMER, PER
NPC U.G. STD. RS-13 AND RS-5.
 - PAD FOR (2) SINGLE PHASE RESIDENTIAL TRANSFORMERS, PER
NPC U.G. STD. RS-14 AND RS-5.
 - PAD FOR (1) SINGLE PHASE COMMERCIAL TRANSFORMER, PER
NPC U.G. STD. RS-19 AND RS-5.
 - 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.
 - VEHICLE PROTECTIVE BARRIERS PER NPC U.G. STD. RS-6,
WHERE APPLICABLE.

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 REQUIRE	---	---

T.R.S: 2062-31
APN: 140



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

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			

TYPE OF EASEMENT:	JPA NOTES:
AERIAL	SPRINT CONTACT: _____
STANDARD	PHONE NUMBER: _____
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	_____ FT. CLASS _____
RAILROAD-UPRR-PERMIT	TO DIG POLE HOLES _____
SO. NEVADA WATER PERMIT	TO REMOVE EX. POLES _____
NOT REQUIRED	
Misc Info	
	JPA#:

NPC INFORMATION:

COORDINATOR: TRACEY YANCEY
PHONE: 657-4310
DESIGNER: BUSTER
DCA:
INSPECTOR: 378-3712
SCHEDULING: 657-4114, 657-4116, 657-4118
DISTRICT: LAS VEGAS
CUSTOMER INFORMATION:
APPLICANT: CITY OF LAS VEGAS
ENGINEER:
CONTACT: FRANK STAFFORD 922-6060
APPROVAL DATE: 06/08/2005
GOVERNMENT INFORMATION:
AGENCY: CITY OF LAS VEGAS
APPROVAL DATE: 6/8/2005

NEVADA POWER COMPANY

DEMOLITION OF ERINE
GRAGIN TER

107N 4432-NPC

PROJ. ID: 178581 | SCALE: 1" = 50'