

RESIDENTIAL DEVELOPMENT

EXIST. NEW NPC WORK AND SERVICES TO CONSIST OF:

- 1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT.
- 1/0, 15 KV AL PRIMARY CABLE IN 2" 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').

500 500 MCM TRIPLEX SECONDARY CABLE IN 4" PLASTIC CONDUIT.

350 350 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.

SECONDARY RISER PER NPC U.G. STD. SSP-2.

SINGLE PHASE RESIDENTIAL PADMOUNTED TRANSFORMER WITH

SIZE AS NOTED, 7200-120/240V, PER NPC U.G. STD. UT-113.

SINGLE PHASE COMMERCIAL PADMOUNTED TRANSFORMER WITH

SIZE AS NOTED, 7200-120/240V, PER NPC U.G. STD. UT-105.

(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.

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

APPLICANT TO FURNISH AND INSTALL:

ALL TRENCHING & BACKFILL, MEETING APPLICABLE NPC STANDARD

(RT-7, RT-8, OR RT-12).

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.

VEHICLE PROTECTIVE BARRIERS PER NPC U.G. STD. RS-6,

WHERE APPLICABLE.

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.

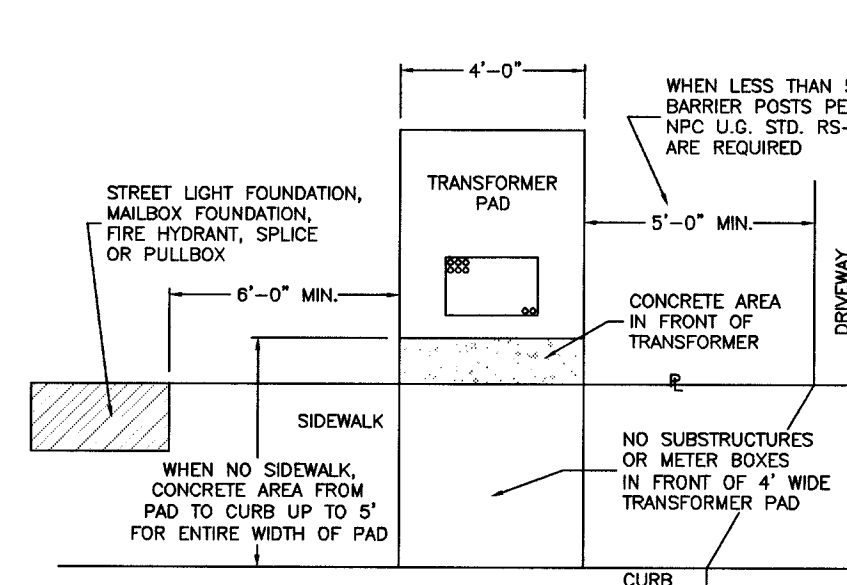
WHEN INSTALLING CONDUIT IN FIELD, USE APPROPRIATE BENDS
TO COMPLETE THE INSTALLATION.

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.

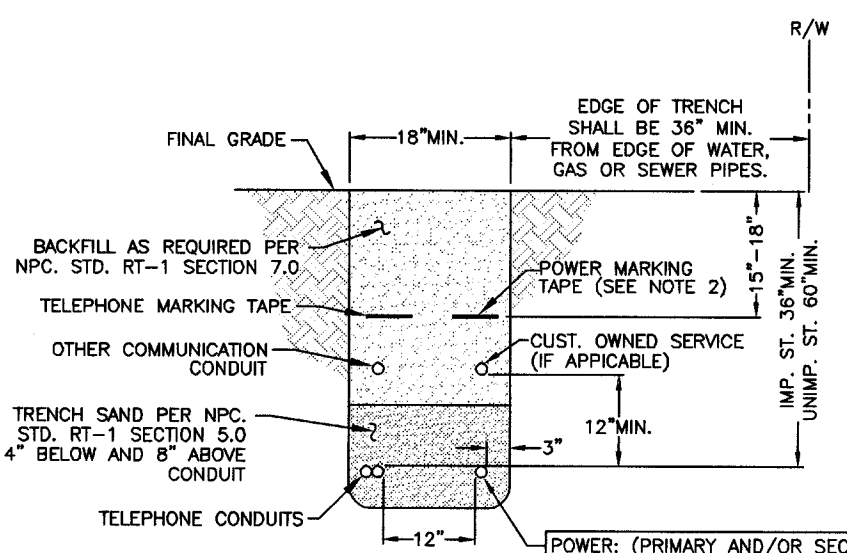
NO COVERED PARKING IN SHADED AREAS.

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.



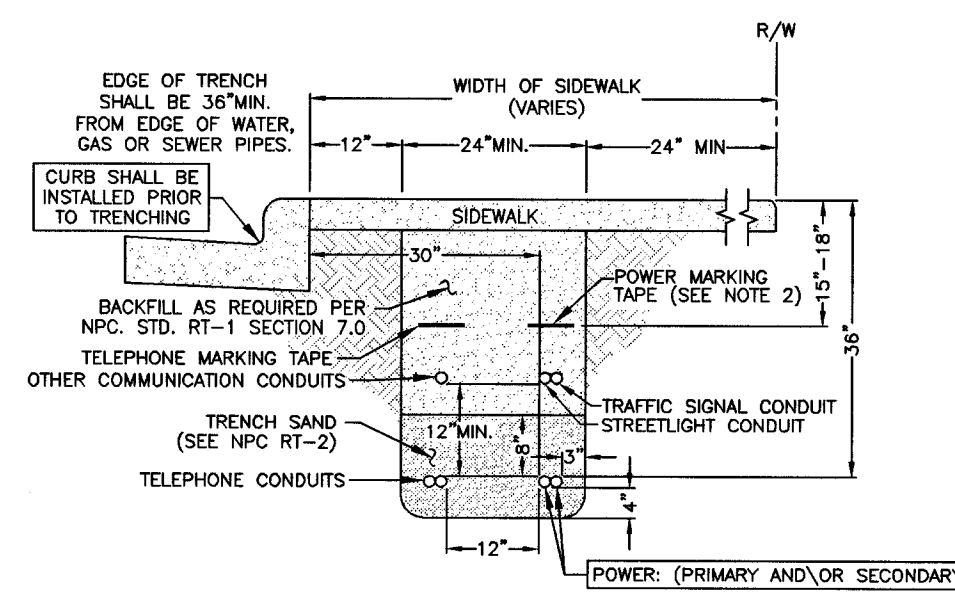
TRANSFORMER LOCATION DETAIL

NPC U.G. STD. RS-5



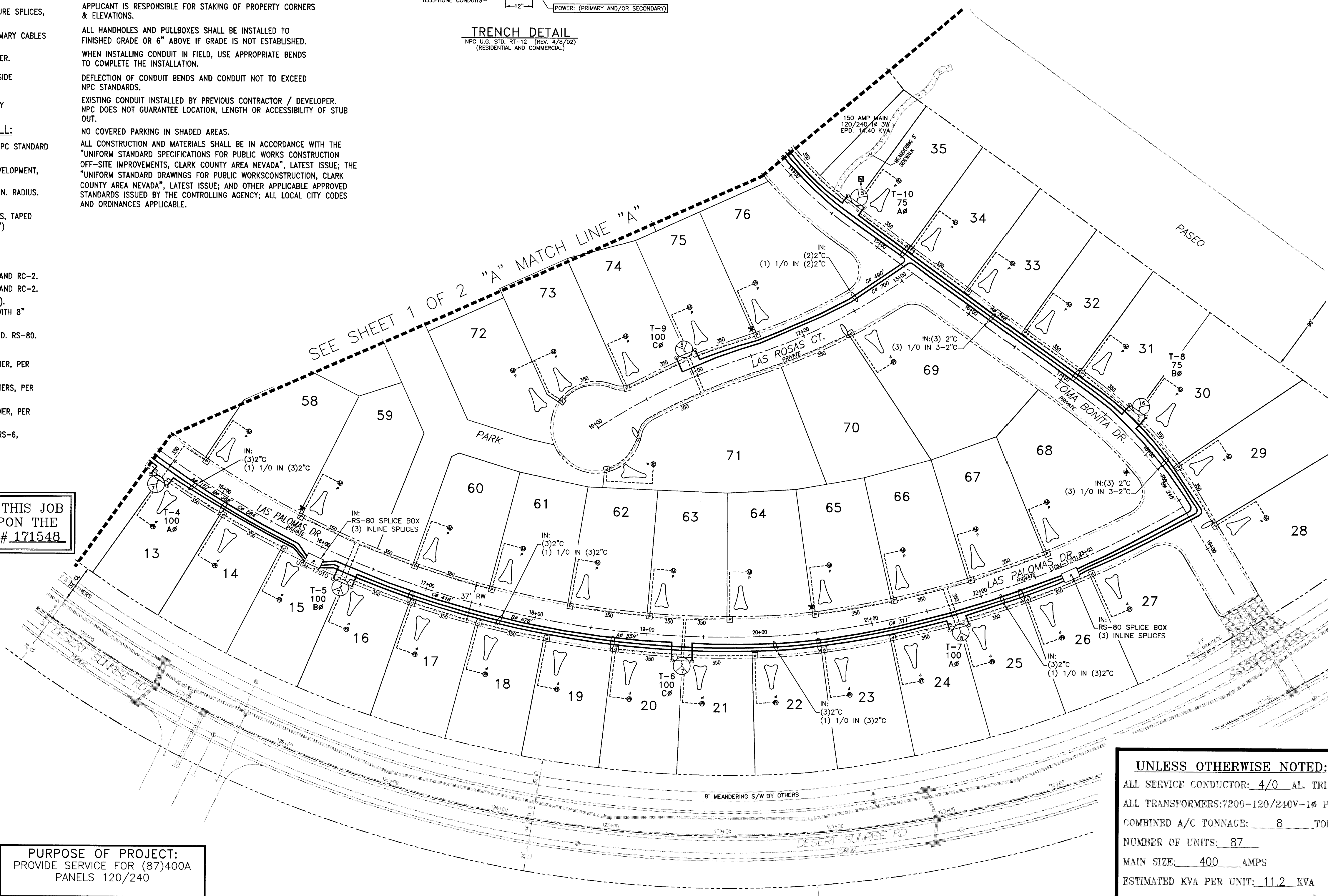
TRENCH DETAIL

NPC U.G. STD. RT-12 (REV. 4/8/02)
(RESIDENTIAL AND COMMERCIAL)



SIDEWALK TRENCH DETAIL

NPC U.G. STD. RT-7 (REV. 4/8/02)
(RESIDENTIAL OR COMMERCIAL)



CONSTRUCTION OF THIS JOB
IS CONTINGENT UPON THE
COMPLETION OF WR# 171548

CITY OF LAS VEGAS PERMIT REQUIRED*

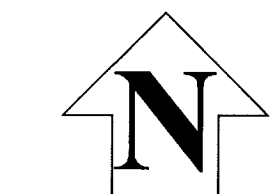
CONTACT CLV LAND DEVELOPMENT (229-6371)
CLV CONSTRUCTION SERVICES MUST BE
NOTIFIED 24 HOURS PRIOR TO COMMENCING
CONSTRUCTION (229-6337)

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

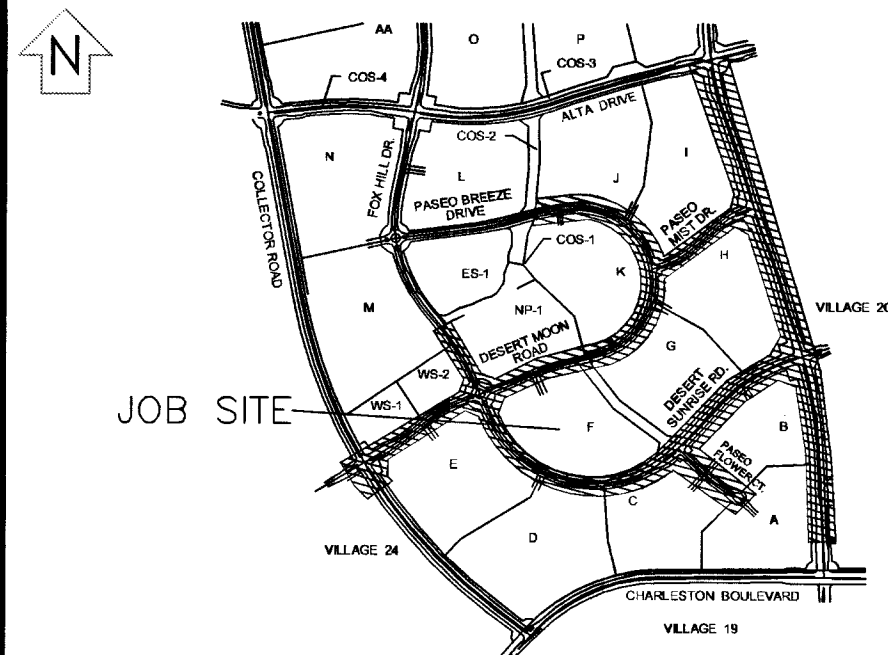
PURPOSE OF PROJECT:
PROVIDE SERVICE FOR (87)400A
PANELS 120/240

FIRE HYDRANT CLEARANCE:
6' RADIUS FROM CENTER OF HYDRANT TO ALL
ABOVE GROUND PADS AND/OR EQUIPMENT AND
ALL MANHOLES AND SWITCHBOXES.
3' RADIUS FROM CENTER OF HYDRANT TO ALL
UNDERGROUND HANDHOLES, PULLBOXES AND
SPLICEBOXES.

PURPOSE OF PROJECT:
PROVIDE SERVICE FOR (87)400A
PANELS 120/240

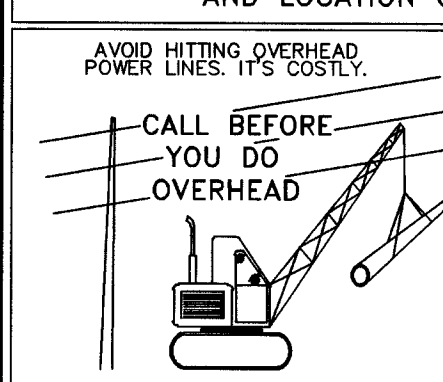


T.R.S.: 2059-34
APN: 137

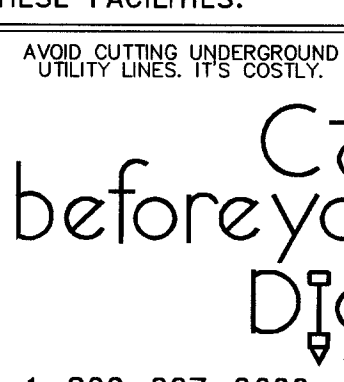


VICINITY MAP
(NOT TO SCALE)

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



CALL 1-702-227-2929



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

REVISIONS

NO.	DESCRIPTION	DATE	G.A.
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DCA

TYPE OF EASEMENT:	JPA NOTES:
AERIAL	SPRINT CONTACT: N/A
STANDARD	PHONE NUMBER: N/A
UNDERGROUND	DATE OF CONTACT: N/A
AS BUILT UNDERGROUND	TO SET NEW POLES
R.O.E./R/W-5-COM	TO STAKE NEW POLES
3rd PARTY	TO REMOVE POLES
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	N/A
NOT REQUIRED	N/A
Misc. Info.	N/A

NPC INFORMATION:

COORDINATOR: CARROLL KEITH
PHONE: 657-4334
DESIGNER: DOUG GIBSON
DCA: PAT WYNEN 275-5640
INSPECTOR: 378-3725
SCHEDULING: 657-4114, 657-4116, 657-4118

DISTRICT: LAS VEGAS

CUSTOMER INFORMATION:

APPLICANT: HOWARD HUGHES 791-4300
ENGINEER: G.C. WALLACE 804-2160
CONTACT: JERRY TSUNETTA 339-2787

APPROVAL DATE:

GOVERNMENT INFORMATION:

AGENCY: CITY OF LAS VEGAS
APPROVAL DATE: 12/17/2003

NEVADA POWER COMPANY

UNLESS OTHERWISE NOTED:

ALL SERVICE CONDUCTOR: 4/0 AL TRI.
ALL TRANSFORMERS: 7200-120/240V-1Ø PM
COMBINED A/C TONNAGE: 8 TONS
NUMBER OF UNITS: 87
MAIN SIZE: 400 AMPS
ESTIMATED KVA PER UNIT: 11.2 KVA
SQ. FT. OF LARGEST HOME: 2800 SQ. FT.

LAS LOMAS @ THE PASEOS
DESERT MOON RD. & DESERT
SUN

PROJ. ID: 174511 SCALE: 1" = 50'
SHEET #: 2 OF 2 DATE: 12/17/2003