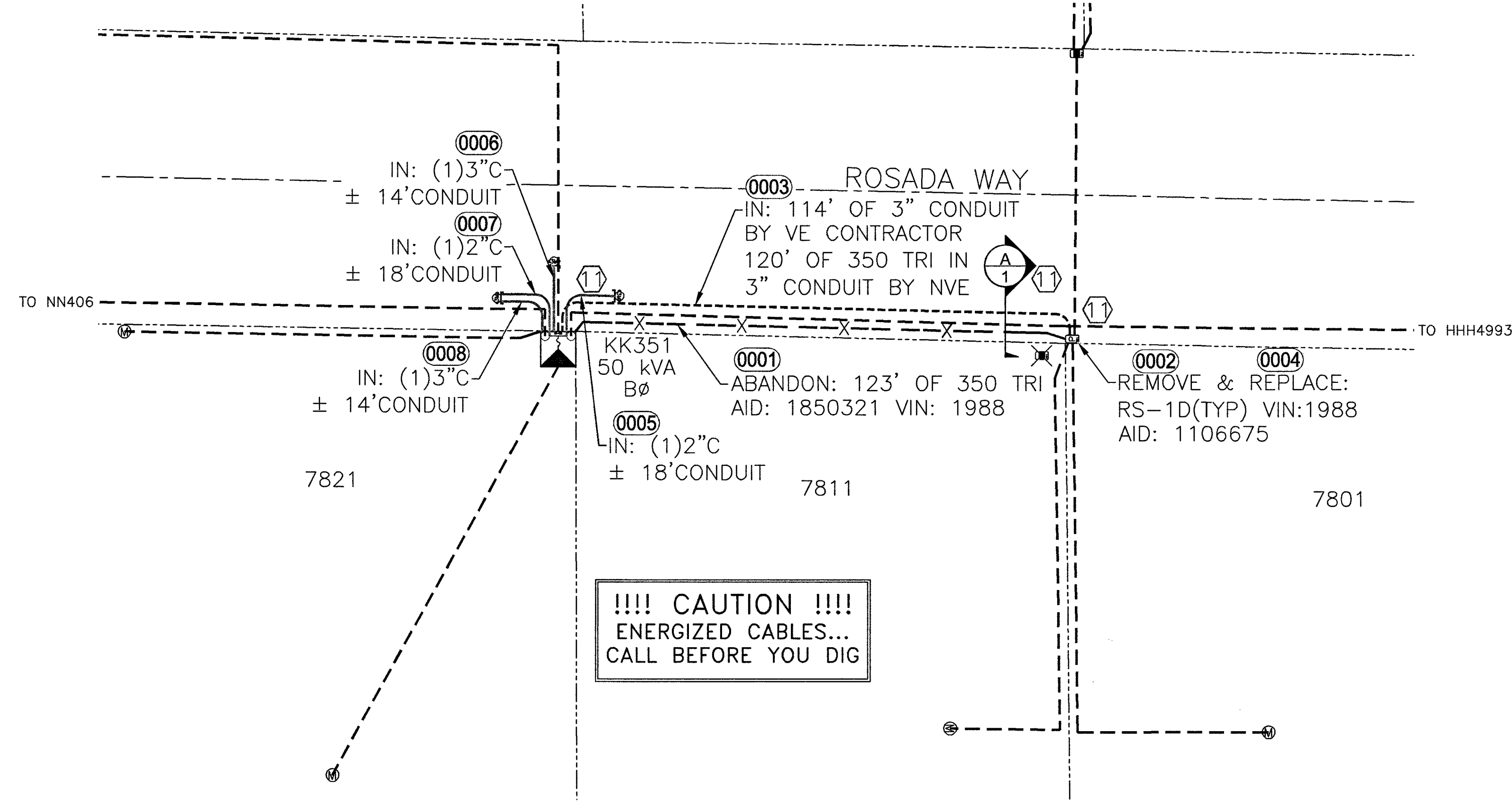




PURPOSE OF PROJECT  
REPLACE A FAULTY SECONDARY CABLE  
AT 7821 W ROSADA WAY

MAINTENANCE PROJECTS REQUIRE THE  
USE OF SCHEDULE 40 FOR ALL 2",  
3", & 4" CONDUIT. D.B. 60 IS REQUIRED  
FOR ALL 6" CONDUIT. IF COILABLE CONDUIT  
IS USED, IT MUST BE H.D.P.E. WITHOUT  
RE-GROUND MATERIALS.

#### 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 NVE.  
THE CONTRACTOR SHALL SECURE COPIES OF THE AFOREMENTIONED  
CONSTRUCTION SPECIFICATIONS ON HIS OR HER OWN BEHALF.

REFER TO A CURRENT NV ENERGY ELECTRIC SERVICE  
REQUIREMENTS HANDBOOK FOR FURTHER CLARIFICATION  
OF NVE 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 NVE 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 NV ENERGY UNDERGROUND INSPECTORS 48 HOURS  
PRIOR TO START OF CONSTRUCTION FOR TRENCH INSPECTION  
BEFORE COVERING TRENCH.

ALL NVE 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  
NVE STANDARDS.

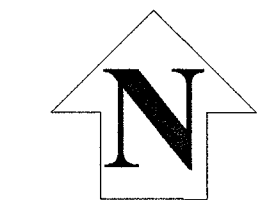
EXISTING CONDUIT INSTALLED BY PREVIOUS CONTRACTOR / DEVELOPER.  
NVE DOES NOT GUARANTEE LOCATION, LENGTH, OR ACCESSIBILITY OF STUB  
OUT. IF UTILIZING ANY PORTION OF EXISTING CONDUIT, IT MUST BE  
MANDRELLED PRIOR TO FINAL RELEASE.

PREVIOUSLY MANDRELLED CONDUIT WHICH HAS BEEN IN THE GROUND FOR  
OVER 6 MONTHS MUST BE RE-MANDRELLED PRIOR TO FINAL RELEASE.

NO COVERED PARKING IN FRONT OF EQUIPMENT.

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.

NOTE: PRIOR TO THE START OF  
TRENCHING CALL ALI MOHAMED  
AT 702-912-9409 OR RICK BEAN  
AT 702-378-1377 TO ARRANGE  
A FIELD MEETING.



T,R,S: 1960-33  
APN: 125-33-706-004

#### RETRENCH

EXIST. NEW NVE 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.  
-- INSTALL NEW CABLE IN EXISTING VACANT CONDUIT.

EX.500 500 500 MCM TRIPLEX SECONDARY CABLE IN 4" PLASTIC CONDUIT  
(CONDUIT BY CONTRACTOR).  
EX.350 350 350 MCM TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.  
EX.4/0 4/0 4/0 AWG TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.  
EX.2/0 2/0 2/0 AWG TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.

CONDUIT LOCATING DEVICE 18" ABOVE STUBOUT.  
-- SINGLE PHASE PRIMARY POLE RISER PER NVE U.G. STD. OEP-105.  
-- THREE PHASE PRIMARY POLE RISER PER NVE U.G. STD. OEP-106.  
-- SECONDARY RISER PER NVE U.G. STD. SSP-2.

SINGLE PHASE RESIDENTIAL PADMOUNTED TRANSFORMER WITH  
SIZE AS NOTED, 7200-120/240V, PER NVE 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 NVE U.G. STD.  
UT-115, WHERE APPLICABLE.

TERMINATION OF ALL MODULES, MAKES, SPLICES AND FINAL  
CONNECTIONS.

NVE TO PROVIDE 6" TO (3)2" REDUCERS.

NVE TO PROVIDE 4" TO (1)2" REDUCERS.

NVE TO COIL PRIMARY CABLE IN PULLBOX FOR FUTURE SPLICES,  
WHERE APPLICABLE.

NVE 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

#### CONTRACTOR TO FURNISH AND INSTALL:

ALL TRENCHING & BACKFILL, MEETING APPLICABLE NVE STANDARD  
(RT-7, RT-8, OR RT-12).

3" PLASTIC CONDUIT, PER NVE U.G. STD. RC-1 AND RC-2.

3" PLASTIC CONDUIT BENDS (90°, 45°) WITH 36" MIN. RADIUS.  
(IF CONDUIT LENGTH IS UNDER 100')

3" RGS BENDS (90°, 45°) WITH 36" MINIMUM RADIUS, TAPED  
OR PVC COATED. (IF CONDUIT LENGTH IS OVER 100')

IF THE CUSTOMER CHOOSES TO INSTALL A STREET CROSSING,  
NVE REQUIRES A 4" CONDUIT PER SECONDARY CABLE, AND  
A 2" CONDUIT PER 1/0 CABLE.

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').

COUPLING FOR 2", 4", OR 6" CONDUITS (AS APPLICABLE).

ALL SERVICE CONDUIT - 2" MINIMUM DB60 PVC GRAY (RISER:  
RGS REQUIRED) WITH 5/32" POLYPROPYLENE PULL LINE WITH A  
MIN. BREAKING STRENGTH OF 1250 lbs.

17" X 30" HANDHOLE, PER NVE U.G. STD. RS-1 (WITH 8"  
COLLAR WHERE APPLICABLE).

2'-6" X 4' X 4' SPURCE PULLBOX PER NVE U.G. STD. RS-80.  
3' X 7' X 4' PULLBOX PER NVE U.G. STD. RS-82.

PAD FOR (1) SINGLE PHASE RESIDENTIAL TRANSFORMER, PER  
NVE U.G. STD. RS-13 AND RS-5.

PAD FOR (2) SINGLE PHASE RESIDENTIAL TRANSFORMERS, PER  
NVE U.G. STD. RS-14 AND RS-5.

PAD FOR (1) SINGLE PHASE COMMERCIAL TRANSFORMER, PER  
NVE U.G. STD. RS-19 AND RS-5.

VEHICLE PROTECTIVE BARRIERS PER NVE U.G. STD. RS-6,  
WHERE APPLICABLE.

TERRA  
MONICO 702-580-4019

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)

HANSEN DATE

\*NVE INSPECTOR MUST BE NOTIFIED BY  
FAX 48 HOURS PRIOR TO COMMENCING  
CONSTRUCTION. A CITY PERMIT  
FOR WORK DONE IN STREETS OR SIDEWALK  
MAY BE REQUIRED.  
LAS VEGAS NORTH (RYAN CENTER): 402-4364  
LAS VEGAS SOUTH (BELLWAY CENTER): 402-6864

TEMP WIRE RESOLVED  
BY STATION(S)  
0003

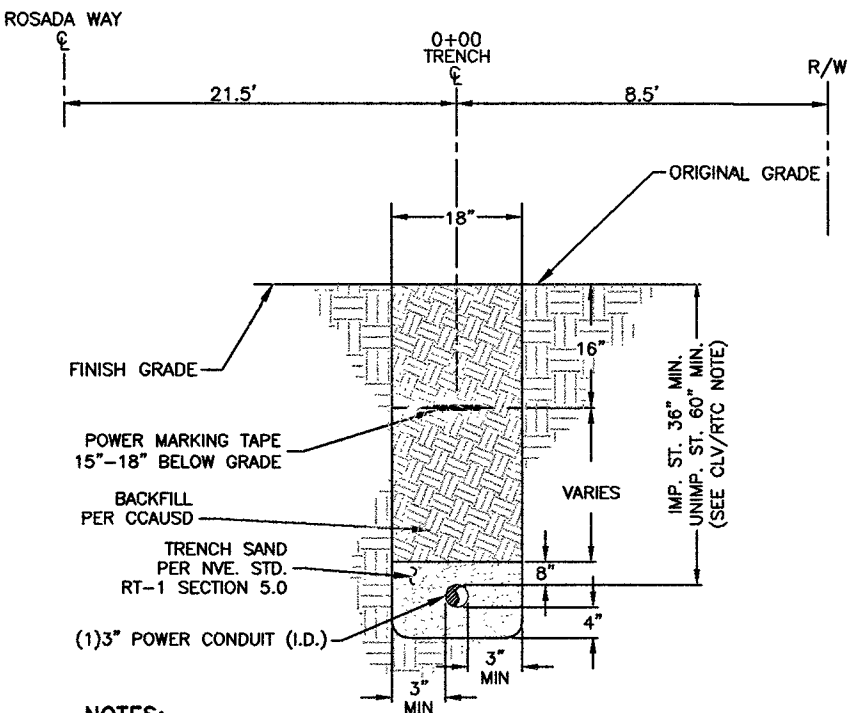
NOTE: ALL THE ABOVE GROUND UTILITY APPURTENANCES SHALL  
CONFORM TO THE REQUIREMENTS OF CLV UNIFIED  
DEVELOPMENT CODE TITLE 19.06 AND 19.08

APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CLV R/W & EASEMENT ONLY.  
OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON  
PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

APPROVAL L19-20352-2001 10/27/2014-PWR DATE 4 9 19

STRAW WATTLES TO BE PLACED  
DOWNSTREAM OF THE WATER FLOW AT  
GUTTER LINE OF EXCAVATION SITE  
AND IN A MANNER THAT IS COMPLIANT  
WITH CLARK COUNTY CODE.



NOTES:  
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.  
NVE REQUIREMENTS:  
FOR ALL OTHER JURISDICTIONS REFER TO NVE STANDARDS.  
BACKFILL REQUIREMENTS NVE STD. RT-1,  
TRENCH DEPTH REQUIREMENTS NVE STD. RT-5.

TRENCH DETAIL  
SECTION "A"

#### CONSTRUCTION/INSPECTION REQUIREMENTS

WORK MUST CONFORM TO NVE ELECTRIC SERVICE STANDARDS, AVAILABLE AT:  
www.nveenergy.com/business/newconstruction/newconstruction5/servicesstandards.cfm  
NVE INSPECTOR MUST BE PRESENT TO INSPECT TRENCHING (SCHEDULE AT LEAST 72  
HOURS IN ADVANCE) AT EACH OF THE FOLLOWING STAGES:

1. BOTTOM SAND AND CONDUIT INSTALLED
  2. TOP SAND INSTALLED
  3. BACKFILL INSTALLED
- CONDUIT MUST BE MANDRELLED PRIOR TO RELEASE (COORDINATE WITH INSPECTOR).  
NVE STAND BY CREW IS REQUIRED WHEN WORKING AT AN ENERGIZED VAULT OR  
TRANSFORMER. CALL STAND BY NUMBER (SEE TITLE BLOCK) TO SCHEDULE.

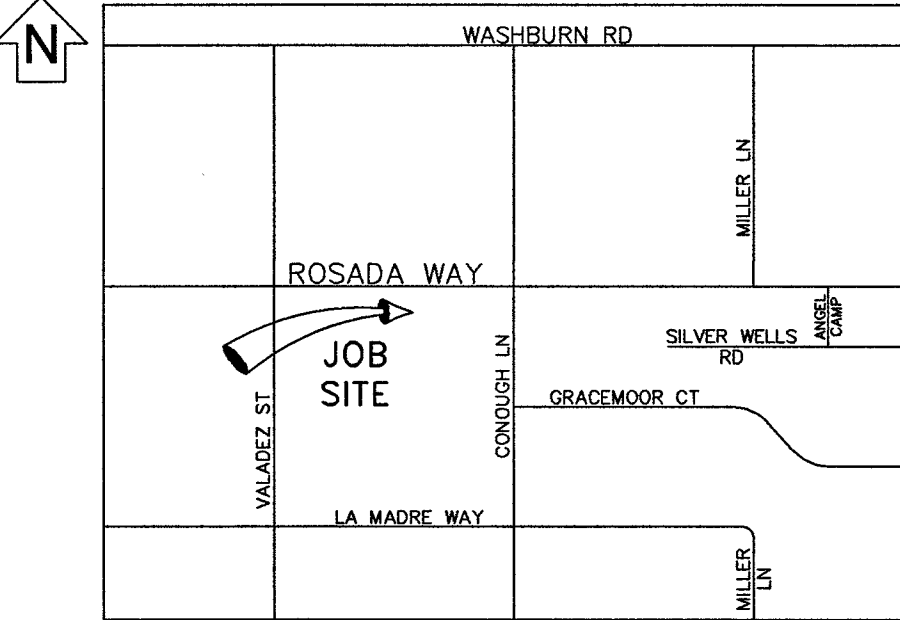
NVE ELECTRICAL INSTALLATION WILL NOT BE SCHEDULED UNTIL AFTER THE NVE  
INSPECTOR HAS COMPLETED THE OFFICIAL RELEASE.  
METER(S) WILL NOT BE SET UNTIL ALL OF THE FOLLOWING ARE COMPLETE:  
- (INSTRUMENT-RATED ONLY) METERING EQUIPMENT HAS BEEN SUBMITTED TO NVE  
METERING ENGINEER AND APPROVED. (submittois\_south@nveenergy.com)  
- APPLICATION FOR METER SET HAS BEEN SUBMITTED TO NVE'S NEW DEVELOPMENT  
CENTER. FORM AVAILABLE AT:  
www.nveenergy.com/brochure\_orch/new\_construction/meter\_set.pdf  
- THE LOCAL BUILDING AUTHORITY HAS INSPECTED AND APPROVED THE METERING  
EQUIPMENT.  
- METERING EQUIPMENT IS ACCESSIBLE AND CLEARLY IDENTIFIED WITH PERMANENT  
MARKINGS, ADDRESSES, SUITE NUMBERS, AND STREET SIGNS ARE POSTED IN  
PERMANENT LOCATIONS (SEE RPI-6).

TRACK PROJECT STATUS ONLINE WITH NVE'S DEVELOPER DASHBOARD:  
www.nveenergy.com/business/newconstruction/newconstruction5/developerdashboard.cfm

#### RTC NOTES:

BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM  
TO CLARK COUNTY UNIFORM STANDARD DRAWINGS

- (1) 500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
- (2) 500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRANSVERSE CUT
- (3) 500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT. GREATER THAN 60' R.O.W
- (4) 500.4 OVER 5 YRS PAVEMENT RESTORATION LONGITUDINAL CUT. 60' R.O.W OR LESS
- (5) 500.5 OVER 5 YRS PAVEMENT RESTORATION TRANSVERSE ALL R.O.W WIDTHS
- (6) 501 TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60' OR LESS R.O.W.
- (7) 501.1 TYPICAL UTILITY UNDERGROUND LOCATIONS IN STREETS WITH GREATER THAN 60' R.O.W.
- (8) 503 METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
- (9) 503.1 METHOD A FOR FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
- (10) 503.2 METHOD A FOR RIGID PIPE TRENCH BACKFILL - PAVED AREAS
- (11) BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.
- (12) 234 SIDEWALK



#### VICINITY MAP (NOT TO SCALE)

EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NVE  
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 1-702-402-2929

Call before you Dig  
Avoid cutting underground  
utility lines. It's costly.

CALL  
811  
OR  
1-800-227-2600  
AND CLARK COUNTY TRAFFIC OPERATIONS  
1-702-455-6000

#### REVISIONS

| NO. | DESCRIPTION | DATE | REV BY |
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#### MAINTENANCE

#### EXHIBIT 'A'

NVEnergy INFORMATION:  
COORDINATOR: SCHMITT, DAVID  
PHONE: (702)343-4271 D.F. ----  
DESIGNER: KOROUS, JENNIFER  
DCA: N/A  
INSPECTOR: 702-402-3008 OR UG@NVEENERGY.COM  
STAND BY: (702) 402-4450, 4150, 4114, 4117, 4118  
DISTRICT: LAS VEGAS NORTH DISTRICT  
JPA INFORMATION:  
JPA ADMIN PHONE: ---- JPA#: N/A  
CUSTOMER INFORMATION:  
APPLICANT: NV ENERGY  
ENGINEER: N/A  
CONTACT: (TERRA) RAMERO, MONICO \*\* 702-580-4019  
APPROVAL DATE: ----  
GOVERNMENT INFORMATION:  
AGENCY: ----  
APPROVAL DATE: ----  
FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR  
EACH TENANT SPACE WILL BE MEASURED THROUGH ONE  
WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL  
BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NVE  
METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS.



EMRG SEC RETRENCH @7821 W  
ROSADA WAY

ROSADA WAY & CONOUGH LN

PROJ #3003468846 SCALE: 1"=20'

SHEET # 1 OF 1 DATE:02/13/2019