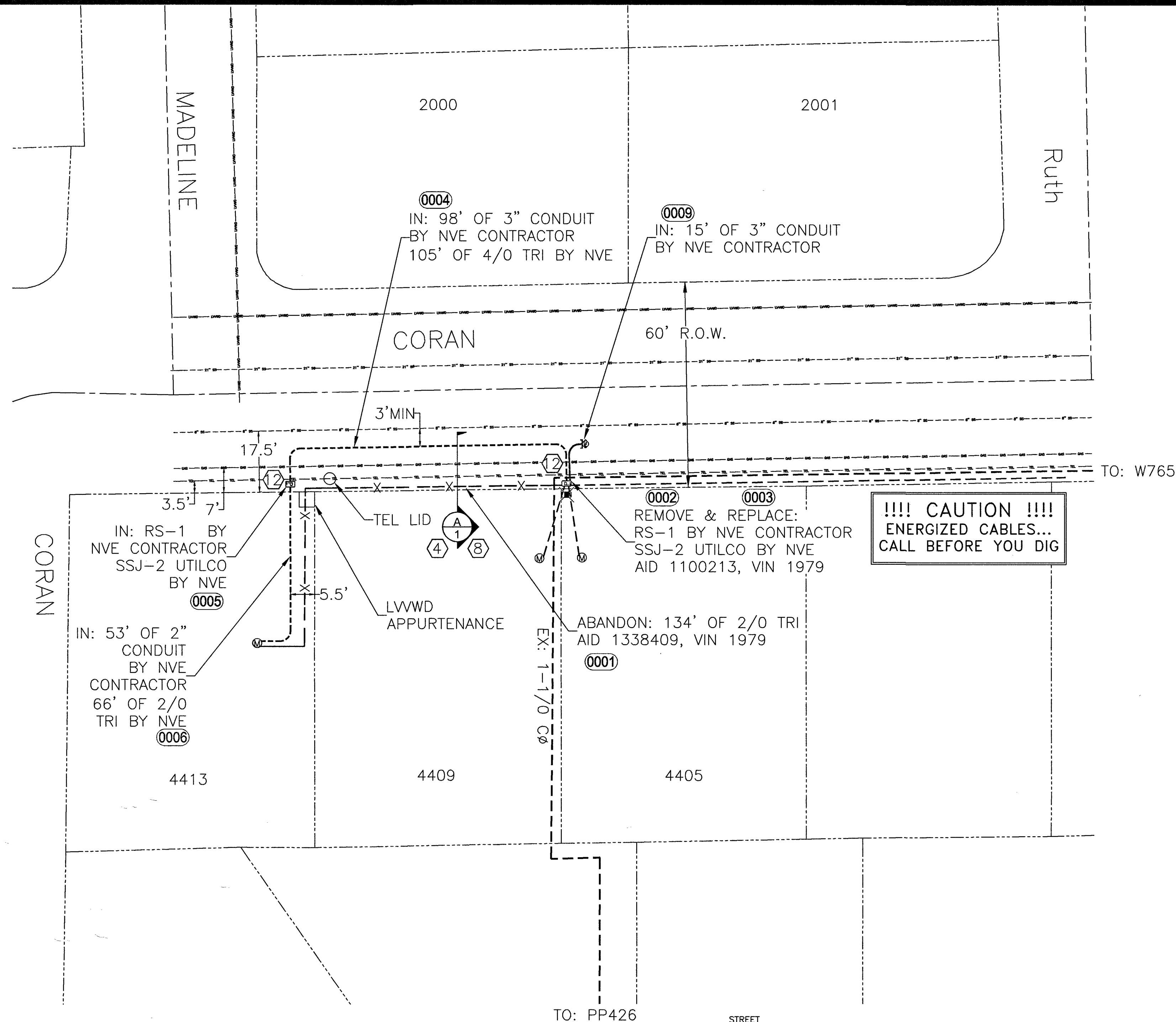
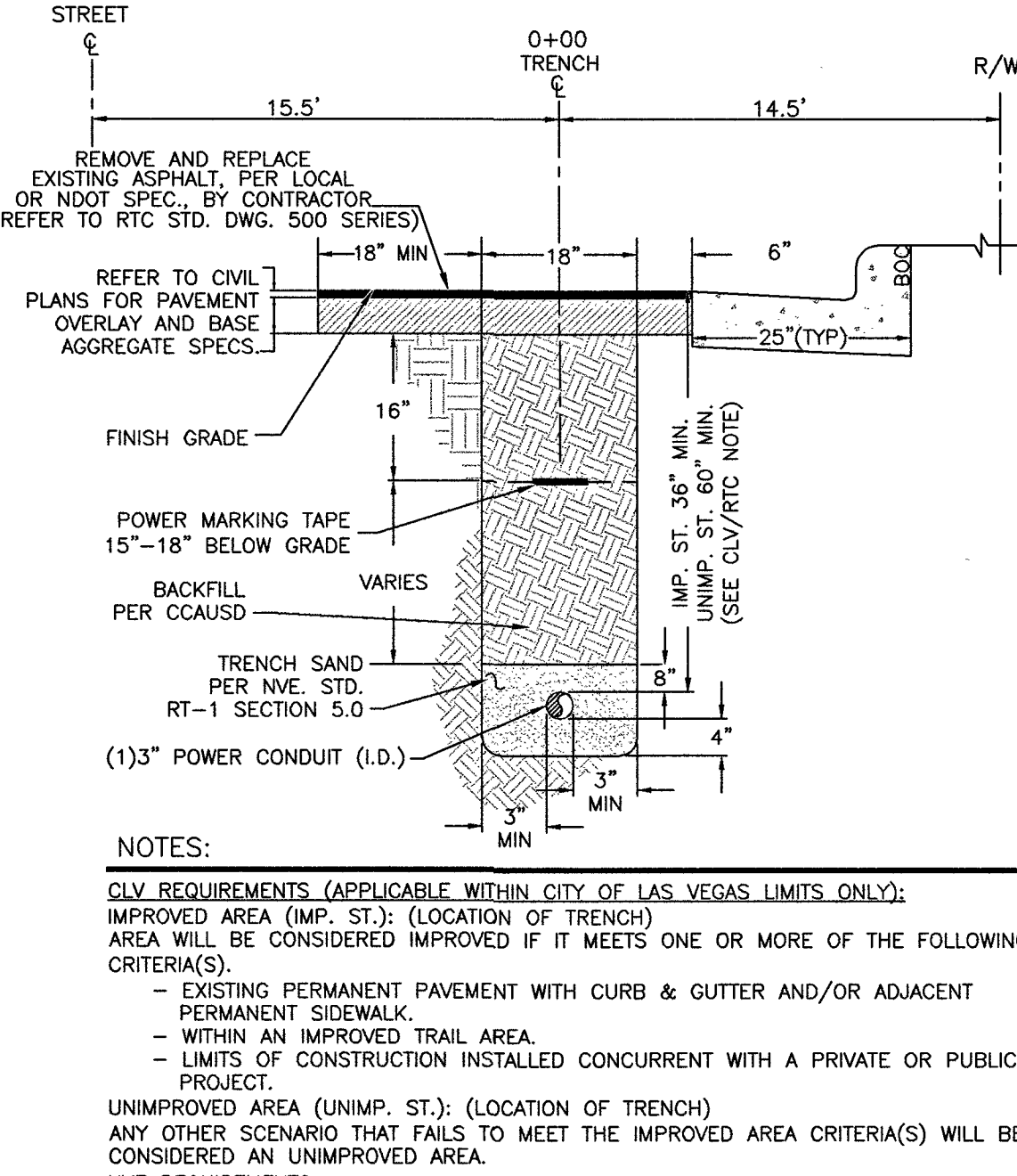




CONSTRUCTION/INSPECTION REQUIREMENTS
WORK MUST CONFORM TO NVE ELECTRIC SERVICE STANDARDS, AVAILABLE AT:
www.nvenergy.com/business/newconstruction/newconstruction5/servicestandards.cfm
NVE INSPECTOR MUST BE PRESENT TO INSPECT TRENCHING (SCHEDULE AT LEAST 72 HOURS IN ADVANCE) AT EACH OF THE FOLLOWING STAGES:
1. BOTTOM SAND AND CONDUIT INSTALLED
2. TOP SAND INSTALLED
3. BACKFILL INSTALLED
CONDUIT MUST BE MANDEILLED 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:
• (DISBURSEMENT-DATED ONLY) METERING EQUIPMENT HAS BEEN SUBMITTED TO NVE METERING ENGINEER AND APPROVED. (submit to: seuthers@nvenergy.com)
• APPLICATION FOR METER SET HAS BEEN SUBMITTED TO NVE'S NEW DEVELOPMENT CENTER. FORM AVAILABLE AT:
www.nvenergy.com/brochures_croh/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-G).

**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.**

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) 234	BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.
(12) 234	SIDEWALK



TRENCH DETAIL
1-3\"/>

PURPOSE OF PROJECT
REPLACE A FAULTY SERVICE CABLE
AT 4413 CORAN LN

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

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
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APPROVAL FROM NVE UNDERGROUND & ELECTRICAL INSPECTORS.
SYMBOLS ARE NOT TO SCALE AND DO NOT NECESSARILY
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THIS DRAWING ILLUSTRATES DATA COLLECTED FROM VARIOUS
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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
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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
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PREVIOUSLY MANDEILLED CONDUIT WHICH HAS BEEN IN THE GROUND FOR
OVER 6 MONTHS MUST BE RE-MANDEILLED PRIOR TO FINAL RELEASE.

NO COVERED PARKING IN FRONT OF EQUIPMENT.

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"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: 2061-19
APN: 139-19-313-001

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

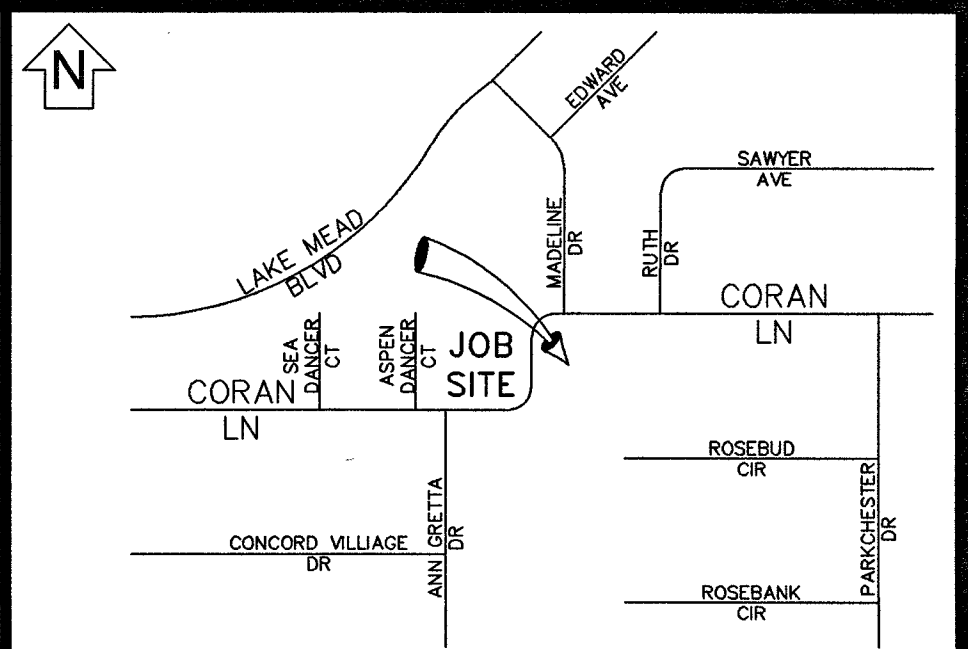
EXIST.	NEW	CONTRACTOR TO FURNISH AND INSTALL:
---	---	ALL TRENCHING & BACKFILL, MEETING APPLICABLE NVE STANDARD (RT-7, RT-8, OR RT-12).
---	---	3" PLASTIC CONDUIT, PER NVE U.G. STD. RC-1 AND RC-2.
---	---	3" PLASTIC CONDUIT BENDS (90°, 45°) WITH 36" MIN. RADIUS. (IF CONDUIT LENGTH IS UNDER 100')
---	---	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.

NPL
(DAVE 702-591-6720)
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)
HANSER DATE
*NVE INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION AND WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK.
FAX PERMIT TO:
LAS VEGAS NORTH (RYAN CENTER) 402-4354
LAS VEGAS SOUTH (BETLWAY CENTER) 402-6864

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 L19-00417-001 10/17/2019 DATE 11/26/19

TEMP WIRE RESOLVED
BY STATION(S)
0003, 0004 & 0005



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.
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
CALL 1-702-402-2929

REVISIONS			
NO.	DESCRIPTION	DATE	REV BY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

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@NVENERGY.COM
STAND BY: (702) 402-4450, 4150, 4114, 4117, 4118
DISTRICT: LAS VEGAS NORTH DISTRICT
JPA INFORMATION:
JPA ADMIN PHONE: N/A JPA#: N/A
CUSTOMER INFORMATION:
APPLICANT: NV ENERGY
ENGINEER: N/A
CONTACT: (NPL) BLANKENSHIP, DAVE ** 702-591-6720
APPROVAL DATE:
GOVERNMENT INFORMATION:
AGENCY: CLV
APPROVAL DATE:

NVEnergy.
EMRG SVC RETRENCH @4413
CORAN LN
CORAN LN & MADELINE DR
PROJ #3003358106 SCALE: 1"=30'
SHEET # 1 OF 1 DATE: 01/30/2019