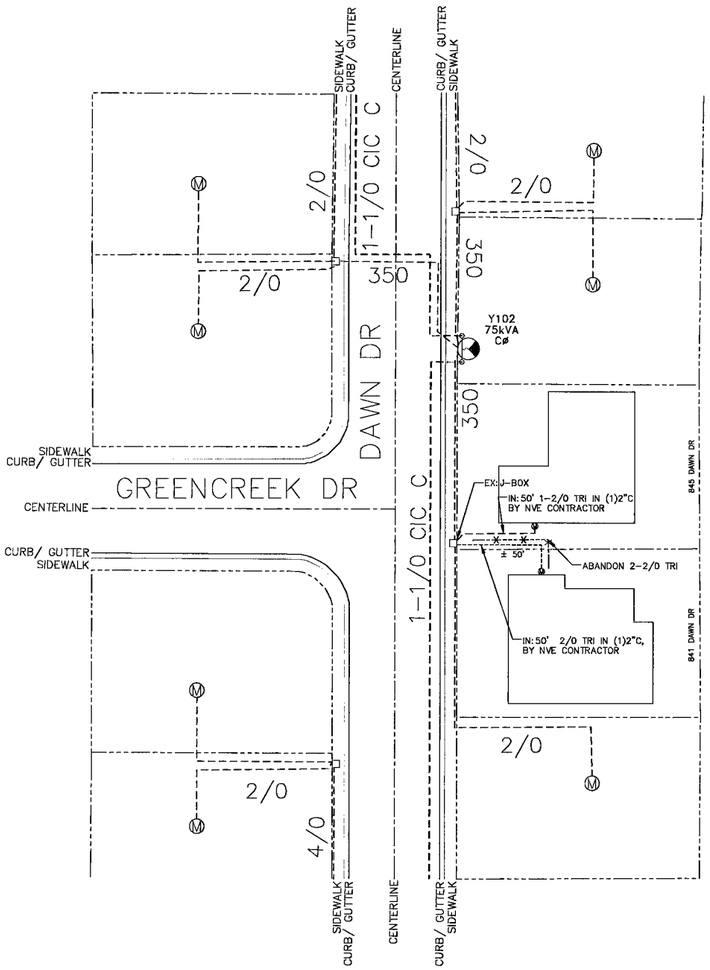


GENERAL NOTES:

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.

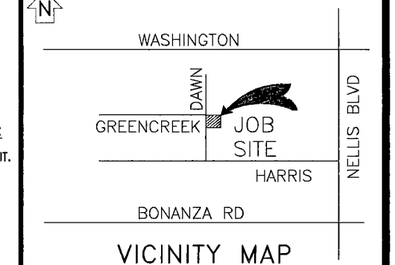
RETRENCH

NVE WORK AND SERVICES TO CONSIST OF:

EXIST.	NEW	
--	—	1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT.
--	—	1/0, 15 KV AL PRIMARY CABLE IN 2" PLASTIC CONDUIT.
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.
		SINGLE PHASE RESIDENTIAL PADMOUNTED TRANSFORMER WITH SIZE AS NOTED, 7200-120/240V, PER NVE U.G. STD. UT-113.
		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.

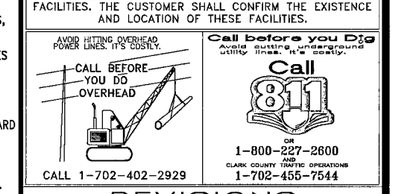
CONTRACTOR TO FURNISH AND INSTALL:

EXIST.	NEW	
		ALL TRENCHING & BACKFILL, MEETING APPLICABLE NVE STANDARD (RT-7, RT-8, OR RT-12).
--	—	4" PLASTIC CONDUIT, PER NVE 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')
		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').
		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.
□	P	17" X 30" HANDHOLE, PER NVE U.G. STD. RS-1 (WITH 8" COLLAR WHERE APPLICABLE).
		PAD FOR (1) SINGLE PHASE RESIDENTIAL TRANSFORMER, PER NVE U.G. STD. RS-13 AND RS-5.
		VEHICLE PROTECTIVE BARRIERS PER NVE U.G. STD. RS-6, WHERE APPLICABLE.



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.



REVISIONS

NO.	DESCRIPTION	DATE	G.A.
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△			
△			
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TYPE OF EASEMENT:		JPA NOTES:	
AERIAL	□	EMBARQ 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	□	_____	TO DIG POLE HOLES
RAILROAD-UPRR-PERMIT	□	_____	TO REMOVE EX. POLES
SO. NEVADA WATER PERMIT	□		
NOT REQUIRED	□		
Misc. Info.	□	JPA#:	

EXHIBIT 'A'

NVE INFORMATION:

COORDINATOR: JIM KETTERLING
PHONE: 402-4110
DESIGNER: OLIVER FRUSA
DCA:
INSPECTOR: 378-3678
STAND BY: 402-6840
DISTRICT: SPRING VALLEY

CUSTOMER INFORMATION:

APPLICANT
ENGINEER:
CONTACT:
APPROVAL DATE:

GOVERNMENT INFORMATION:

AGENCY: CITY OF LAS VEGAS
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 NPC METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS

NVEnergy

SEC RETRENCH 841 DAWN DR
841 DAWN DR
107/5213-PWR

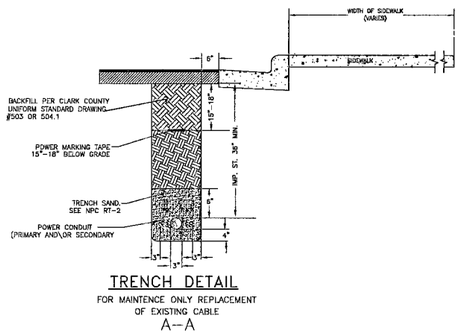
PROJ. ID: M29700	SCALE: 1'' = 30'
SHEET #: 1 OF 1	DATE: 04/01/2009

MAY 04 2009 #34276 SEC RETRENCH 841 DAWN DR

THIS IS A HIGH PRIORITY PROJECT
WE HAVE SECONDARY CABLE
ON THE GROUND

T,R,S: 2062-29
APN: 140

117044



TRENCH DETAIL
FOR MAINTENCE ONLY REPLACEMENT OF EXISTING CABLE
A--A

MAINTENANCE PROJECTS REQUIRE THE USE OF SCHEDULE 40 FOR ALL 2" & 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.

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 — DATE 5/4/2009

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)

*NVE 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: 402-4354
LAS VEGAS SOUTH (HENDERSON): 402-6663
LAS VEGAS SOUTH (SPRING VALLEY): 402-6898