OVERALL PROJECT

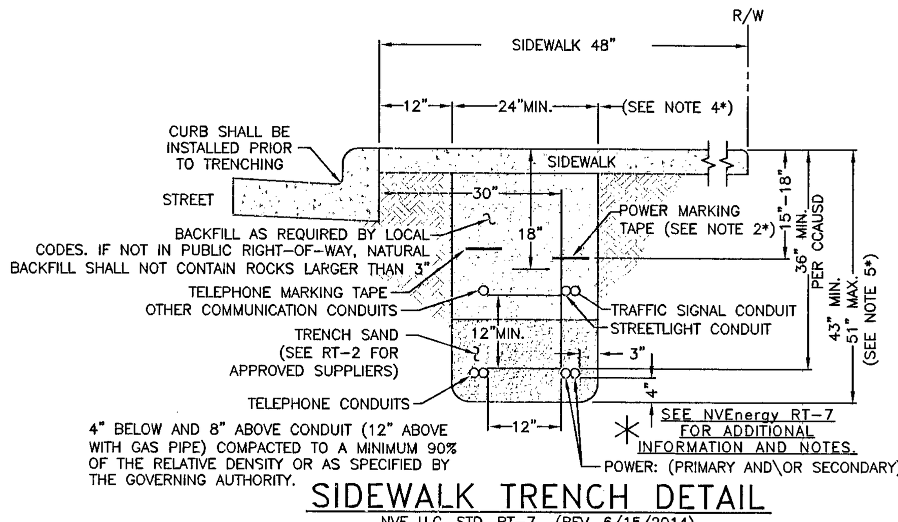
-NOT TO SCALE-

CONSTRUCTION OF THIS JOB IS CONTINGENT UPON THE COMPLETION OF WR# 3000427051

PURPOSE OF PROJECT:
PROVIDE 1-PHASE SERVICE TO NEW 48 LOT SUBDIVISION

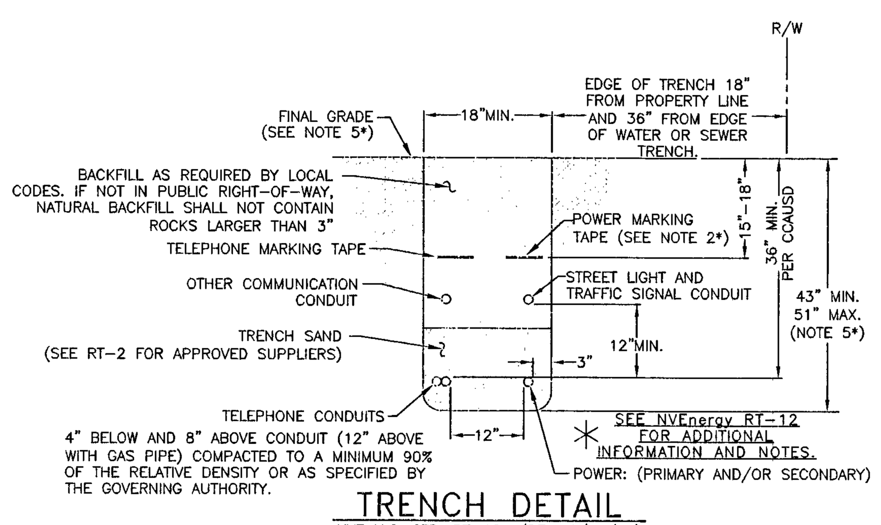
N

T,R,S: 2059-34
APN: 13734111020



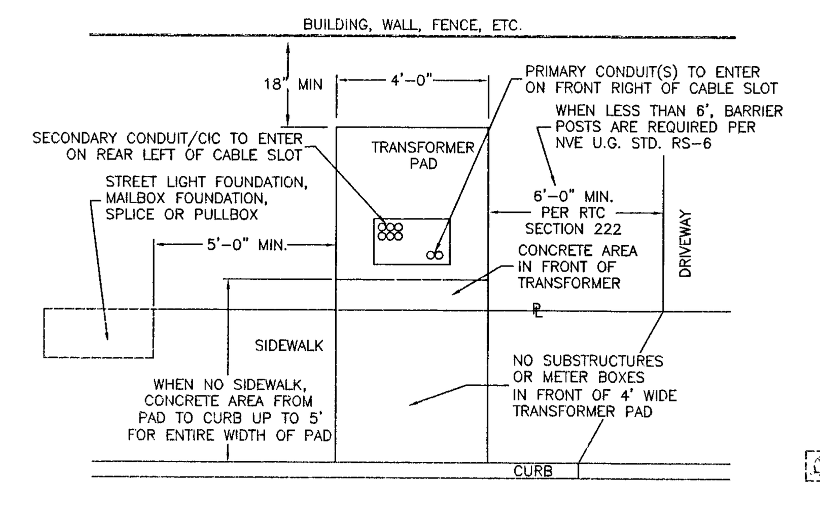
SIDEWALK TRENCH DETAIL

NVE U.G. STD. RT-7 (REV. 6/15/2014)
(RESIDENTIAL OR COMMERCIAL)



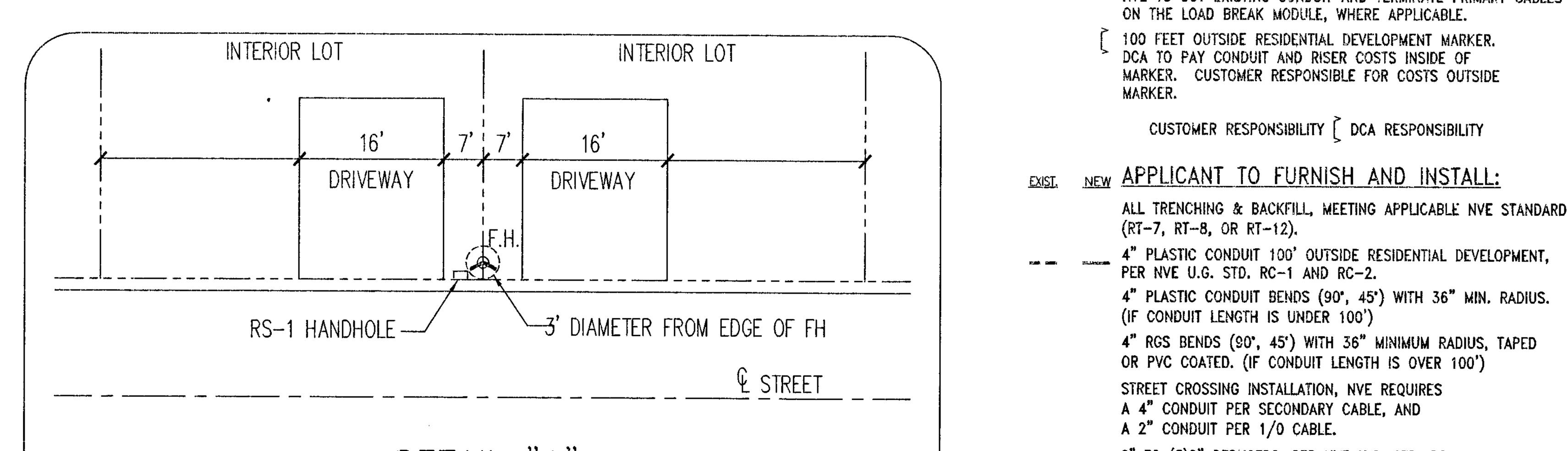
TRENCH DETAIL

NVE U.G. STD. RT-12 (REV. 6/15/14)
(RESIDENTIAL AND COMMERCIAL)



SINGLE-PHASE TRANSFORMER LOCATION DETAIL

NVE U.G. STD. RS-5 & RS-13 (RESIDENTIAL) & RS-19 (COMMERCIAL)



DETAIL "A"

HANDHOLE LOCATION
ADJACENT TO FIRE HYDRANT

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.

RESIDENTIAL DEVELOPMENT

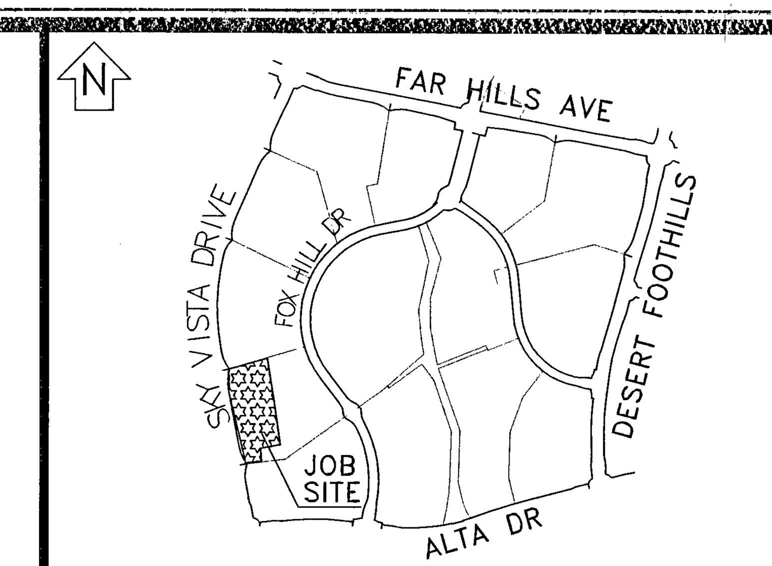
EXIST. NEW **NVE WORK AND SERVICES TO CONSIST OF:**

- 1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT.
- 1/0, 15 KV AL PRIMARY CABLE IN 2" PLASTIC CONDUIT.
- 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').
- EX.500 500 — 500 MCM TRIPLEX SECONDARY CABLE IN 4" 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.
- INSTALL NEW CABLE IN EXISTING VACANT 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.
- SINGLE PHASE COMMERCIAL PADMOUNTED TRANSFORMER WITH SIZE AS NOTED, 7200-120/240V, PER NVE 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 NVE U.G. STD. UT-115, WHERE APPLICABLE.
- TERMINATION OF ALL MODULES, MAKES, SPLICES AND FINAL CONNECTIONS.
- 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

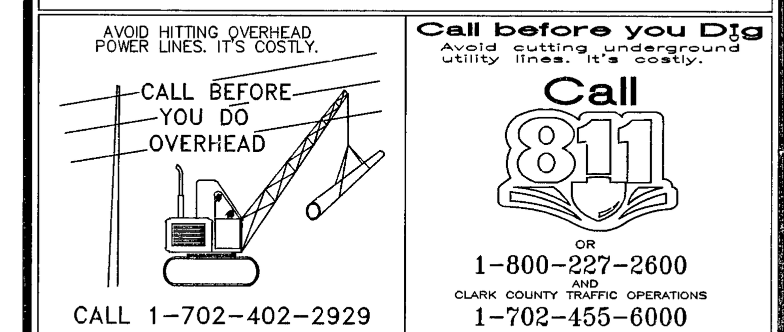
EXIST. NEW **APPLICANT TO FURNISH AND INSTALL:**

- ALL TRENCHING & BACKFILL, MEETING APPLICABLE NVE STANDARD (RT-7, RT-8, OR RT-12).
- 4" PLASTIC CONDUIT 100' OUTSIDE RESIDENTIAL DEVELOPMENT, 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')
- STREET CROSSING INSTALLATION, NVE REQUIRES A 4" CONDUIT PER SECONDARY CABLE, AND A 2" CONDUIT PER 1/0 CABLE.
- 6" TO (3)2" REDUCERS, PER NVE U.G. STD. RC-1 AND RC-2.
- 4" TO (1)2" REDUCERS, PER NVE U.G. STD. RC-1 AND RC-2.
- COUPLING FOR 2" OR 4" CONDUITS (AS APPLICABLE).
- 17" X 30" HANDHOLE, PER NVE U.G. STD. RS-1 (WITH 8" COLLAR WHERE APPLICABLE).
- 2'-6" X 4' X 4' SPLICE 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.



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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△			

STANDARD DCA

TYPE OF EASEMENT:	
AERIAL	☐
STANDARD	☐
R/W-31	☐
UNDERGROUND	■
AS BUILT UNDERGROUND	☐
R.O.E./R/W-5-COM	☐
3rd PARTY	☐
UNDERGROUND BY EXHIBIT	☐
(N-DOT) PERMIT	☐
(BLM) PERMIT	☐
RAILROAD-UPRR-PERMIT	☐
SO. NEVADA WATER PERMIT	☐
NOT REQUIRED	☐
Misc. Info.	☐

JPA NOTES:
EMBARQ CONTACT: N/A
PHONE NUMBER: ______
DATE OF CONTACT: ______
______ TO SET NEW POLES
______ TO STAKE NEW POLES
______ TO PROVIDE ____ POLES
____ ____ FT. CLASS ____
____ ____ FT. CLASS ____
____ ____ FT. CLASS ____
______ TO DIG POLE HOLES
______ TO REMOVE EX. POLES
N/A
JPA#: N/A

EXHIBIT 'A'

NVE INFORMATION:
COORDINATOR: SANDRA RAMOS
PHONE: (702)539-9806
DESIGNER: DEGUZMAN, JAKE D.FKL
DCA: 402-4355 JOHN
INSPECTOR: 402-3008
STAND BY: 402-4117,402-4114,402-4118
DISTRICT: LAS VEGAS NORTH

CUSTOMER INFORMATION:
APPLICANT RYLAND HOMES NEVADA, LLC
ENGINEER: VTN 702-873-7550
CONTACT: RICH RIAL ** 702-376-0527
APPROVAL DATE: 11/13/2014

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 NVE METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS

NVEnergy

SUMMERLIN VILLAGE 23B
PARCEL V, UNIT 2
ALTA / FAR HILLS

PROJ. ID: 3000792265 | SCALE: 1" = 30'
SHEET #: 1 OF 3 | DATE: 10/08/2014

CONSTRUCTION/INSPECTION REQUIREMENTS

WORK MUST CONFORM TO NVE ELECTRIC SERVICE STANDARDS, AVAILABLE AT: www.nvenergy.com/business/newconstruction/newconstructionS/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 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. (submittals_southern@nvenergy.com)
- APPLICATION FOR METER SET HAS BEEN SUBMITTED TO NVE'S NEW DEVELOPMENT CENTER. FORM AVAILABLE AT: www.nvenergy.com/brochures_arch/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).

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

METER LOCATION & ACCESS REQUIREMENTS
(NV ENERGY STANDARDS RPI-2 & RPI-G)

MIN. 3'X3' CLEAR, LEVEL SPACE (SAFE WORK SPACE) REQUIRED DIRECTLY IN FRONT OF METER. THIS SPACE SHALL NOT BE PART OF A DRIVEWAY OR SUBJECT TO VEHICULAR TRAFFIC.

SERVICE POINT TO BE NO GREATER THAN 100' FROM BACK OF CURB OR PUBLIC EASEMENT (NO GREATER THAN 25' FROM SIDE STREET OR ALLEY).

A SERVICE PEDESTAL MUST BE 5' MIN. FROM BACK OF CURB, 6' MIN FROM DRIVEWAY OR OTHER TRAFFIC AREA.

BOTH SERVICE POINT AND SAFE WORK SPACE TO BE DIRECTLY VISIBLE FROM BACK OF CURB OR PUBLIC EASEMENT, AND MUST BE READILY ACCESSIBLE TO NV ENERGY AT ALL TIMES WITHOUT REQUIRING PASSAGE THROUGH RESTRICTED AREAS OR REQUIRING CUSTOMER CONTACT. FENCES, GATES, WALLS, OR OTHER OBSTRUCTIONS IN FRONT OF THE SERVICE POINT ARE PROHIBITED.

VISIBILITY, ACCESSIBILITY, AND SAFE WORK SPACE MUST BE MAINTAINED FOR THE ENTIRE LIFE OF THE SERVICE.

TRAFFIC CONTROL:
NO TRAFFIC CONTROL REQUIRED.
DAYTIME WORK ALLOWED ON THIS PROJECT.

SOURCE FC OR RISER	PROJECT CONNECTED LOAD (1ø)				SOURCE FC OR RISER
	PH.	EX: KVA	ADDED KVA	TOTAL KVA	
PB28127M	Aø	300	375	675	PB28127K
______	Bø	200	300	500	______
	Cø	600	0	600	

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 56903 1074991-2.UTL DATE 3.23.15

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 & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK.
FAX PERMIT TO:
LAS VEGAS NORTH (RYAN CENTER): 402-4354
LAS VEGAS SOUTH (BELTWAY CENTER): 402-6864

NVE HAS NOT VERIFIED THE EXISTING CONDUIT. CUSTOMER TO ENSURE ITS INTEGRITY AND REPAIR IF NECESSARY.

UNLESS OTHERWISE NOTED:
ALL SERVICE CONDUCTOR: 2/0 AL. TRI.
ALL TRANSFORMERS:7200-120/240V-1ø PM
COMBINED A/C TONNAGE: 8 TONS
NUMBER OF UNITS: 48
MAIN SIZE: 200 AMPS
ESTIMATED KVA PER UNIT: 14 KVA
SQ. FT. OF LARGEST HOME: 3100 FT²

CIVIL LINETYPE LEGEND

	PROPOSED	EXISTING
CENTERLINE	— - — - —	— - — - —
PROPERTY LINE/ROW	———	———
CURB	———	———
EDGE OF PAVEMENT	———	- - -
EDGE OF SIDEWALK	———	———
SEWER LINE *	— 8"S —	- - 8"S - -
WATER LINE *	— 8"W —	- - 8"W - -
GAS LINE *	- - 2"G - -	— 2"G —
TELEPHONE LINE *	— TEL —	- - TEL - -
CABLE TV LINE *	— CATV —	- - CATV - -
STORM DRAIN LINE *	— 12"SD —	- - 12"SD - -
FIRE HYDRANT		
STREET LIGHT		
STREET LIGHT SERVICE		

* LINETYPES UTILIZED WHERE CONFLICT OCCURS WITH NVE FACILITIES.

Sharing of this drawing and the information contained herein shall be only to individuals/parties who have entered into an agreement with Applicant for the completion of work associated with this specific project. Use for purposes other than this specific project requires the written consent of NV Energy.