

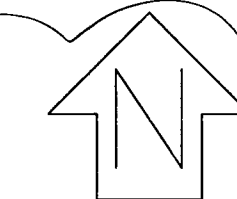
CENTENNIAL HILLS PROFESSIONAL CENTER

DURANGO & NORTH 215

PURPOSE OF PROJECT:
PROVIDE SERVICE FOR
NEW COMMERCIAL SITE

T,R,S: 1960-29

APN: 125-29-510-011



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 AFORESAID
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 ENSURE 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.

COMMERCIAL WITH FEEDER

NEW NPC WORK AND SERVICES TO CONSIST OF:

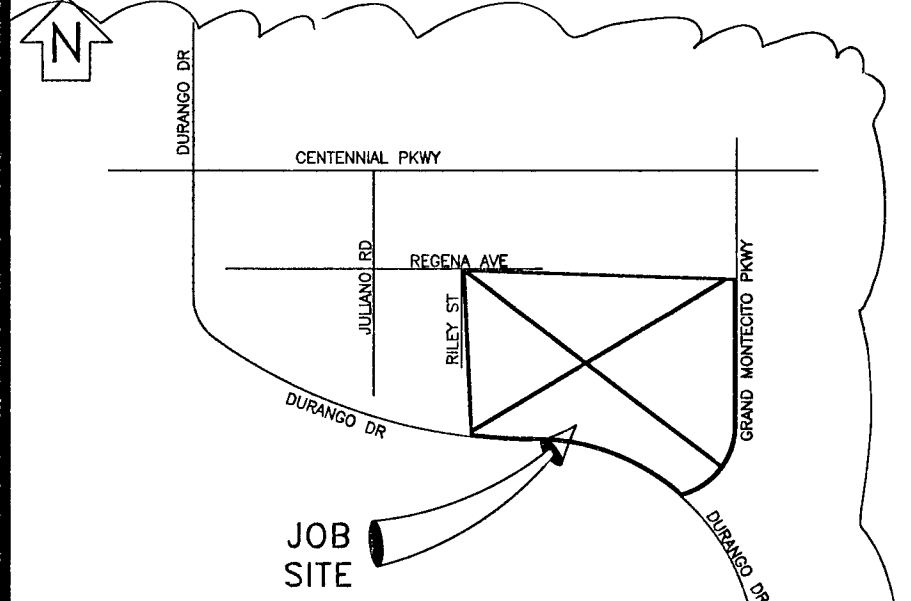
- 1000 MCM TRIPLEX, 15 KV AL PRIMARY CABLE IN 6" PLASTIC CONDUIT.
- 1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
- 1/0, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
- CONDUIT LOCATING DEVICE 18" ABOVE STUBOUT.
- SINGLE PHASE PRIMARY POLE RISER PER NPC U.G. STD. OEP-105.
- THREE PHASE PRIMARY POLE RISER PER NPC U.G. STD. OEP-106.
- 600 AMP THREE PHASE, 12.47 KV PRIMARY POLE RISER PER NPC U.G. STD. OEP-101.
- SECONDARY RISER PER NPC U.G. STD. SSP-2.
- SWITCHES (PMH-2, PMH-4, PMH-9, PMH-10, PMH-11, PMH-12).
- 5' X 10'-6" X 7' MANHOLE, PER NPC U.G. STD. RS-94.
- 1200VVAR CAPACITOR BANK PER NPC U.G. STD. UC-101.
- SINGLE PHASE PADMOUNTED TRANSFORMER WITH SIZE AS NOTED, 7200-120/240V, PER NPC U.G. STD. UT-105.
- (2) SINGLE PHASE PADMOUNTED 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-109, WHERE APPLICABLE.
- (3) SINGLE PHASE PADMOUNTED COMMERCIAL TRANSFORMERS WITH SIZE AS NOTED, 7200-120/240V, CONNECT CLOSED WYE-CLOSED DELTA FOR THREE PHASE 120-240V SERVICE, PER NPC U.G. STD. UT-109, WHERE APPLICABLE.
- THREE PHASE COMMERCIAL PADMOUNTED TRANSFORMER WITH SIZE & VOLTAGE AS NOTED, PER NPC U.G. STD. UT-101, WHERE APPLICABLE.
- TERMINATION OF ALL MODULES, MAKES, SPLICES AND FINAL CONNECTIONS.
- NPC TO COIL PRIMARY CABLE IN PULLBOX FOR FUTURE SPLICES, ON THE LOAD BREAK MODULE, WHERE APPLICABLE.
- SERVICE CABLE BY NPC UNLESS NOTED OTHERWISE.

APPLICANT TO FURNISH AND INSTALL:

- ALL TRENCHING & BACKFILL, MEETING APPLICABLE NPC STANDARD (RT-5, RT-7, OR RT-12).
- 6" PLASTIC CONDUIT, PER NPC U.G. STD. RC-1 AND RC-2.
- 6" RGS BENDS (90°, 45°) WITH 48" MIN. RADIUS, TAPED OR PVC COATED.
- 4" PLASTIC CONDUIT, 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')
- COUPLING FOR 4" OR 6" CONDUITS (AS APPLICABLE).
- ALL SERVICE CONDUIT - 4" MINIMUM ODD PVC GRAY (RISER RGS REQUIRED) WITH 5/32" POLYPROPYLENE PULL LINE WITH A MIN. BREAKING STRENGTH OF 1250 LBS.
- 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 COMMERCIAL TRANSFORMER, PER NPC U.G. STD. RS-19 AND RS-5.
- PAD FOR (2) SINGLE PHASE COMMERCIAL TRANSFORMERS, PER NPC U.G. STD. RS-20 AND RS-5.
- PAD FOR (3) SINGLE PHASE COMMERCIAL TRANSFORMERS, PER NPC U.G. STD. RS-21 AND RS-5.
- PAD FOR (1) THREE PHASE COMMERCIAL TRANSFORMER, PER NPC U.G. STD. RS-35, RS-37, RS-40 OR RS-41, AND RS-5.
- 5' X 10'-6" X 7' MANHOLE FOR SWITCH, PER NPC U.G. STD. RS-98, RS-99, RS-100, OR RS-101.
- VEHICLE PROTECTIVE BARRIERS PER NPC U.G. STD. RS-6, WHERE APPLICABLE.

CIVIL LINETYPE LEGEND

	PROPOSED	EXISTING
CENTERLINE	---	---
PROPERTY LINE/R/W	---	---
EDGE OF PAVEMENT	---	---
EDGE OF SIDEWALK	---	---
SEWER LINE	---	---
WATER LINE	---	---
GAS LINE	---	---
TELEPHONE LINE	---	---
CABLE TV LINE	---	---
STORM DRAIN LINE	---	---
FIRE HYDRANT	---	---
STREET LIGHT	---	---
STREET LIGHT SERVICE	---	---



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 hitting overhead
power lines. It's costly.

Call 811
1-800-227-2600
CLARK COUNTY PUBLIC OPERATIONS
1-702-455-7544

REVISIONS

NO.	DESCRIPTION	DATE	G.A.
1	UPDATED NVE PLAN	5-14-14	PK

TYPE OF EASEMENT:	JPA NOTES:
AERIAL STANDARD R/W-51 UNDERGROUND AS BUILT UNDERGROUND R.O.E./R/W-5-COM 3rd PARTY UNDERGROUND BY EXHIBIT (N-DOT) PERMIT (BLM) PERMIT RAILROAD-UPPER-PERMIT SO. NEVADA WATER PERMIT NOT REQUIRED Misc. Info.	EMBARO 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'

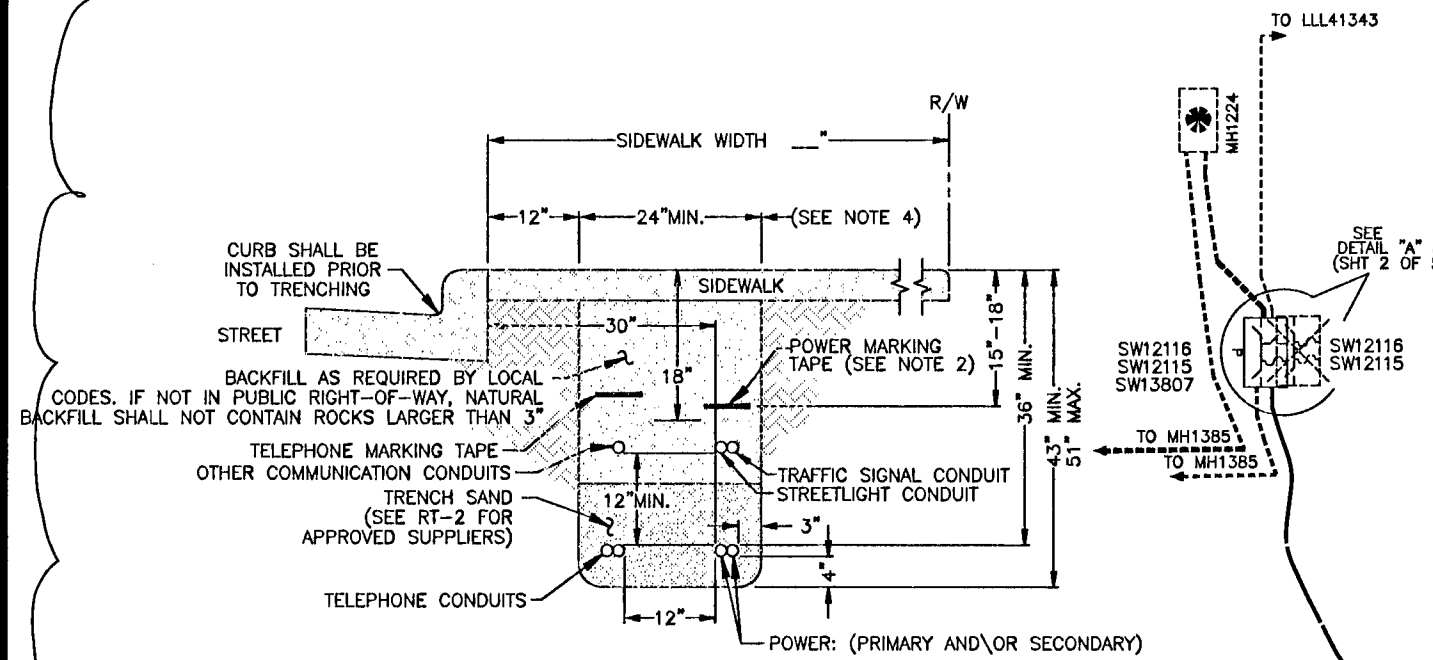
NVE INFORMATION:
COORDINATOR: WICKLIFFE, STANLEY
PHONE: 702/402-6735
DESIGNER: DEGUZMAN, JAKE D.F. K.L.
OCA:
INSPECTOR: 402-3008
STAND BY: 402-4117, 402-4116, 402-4118
DISTRICT: LAS VEGAS NORTH
CUSTOMER INFORMATION:
APPLICANT: CENTENNIAL HILLS PROF. CENTER
ENGINEER:
CONTACT: JEFFERY NEAL 702-368-6500
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 NVE
METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS



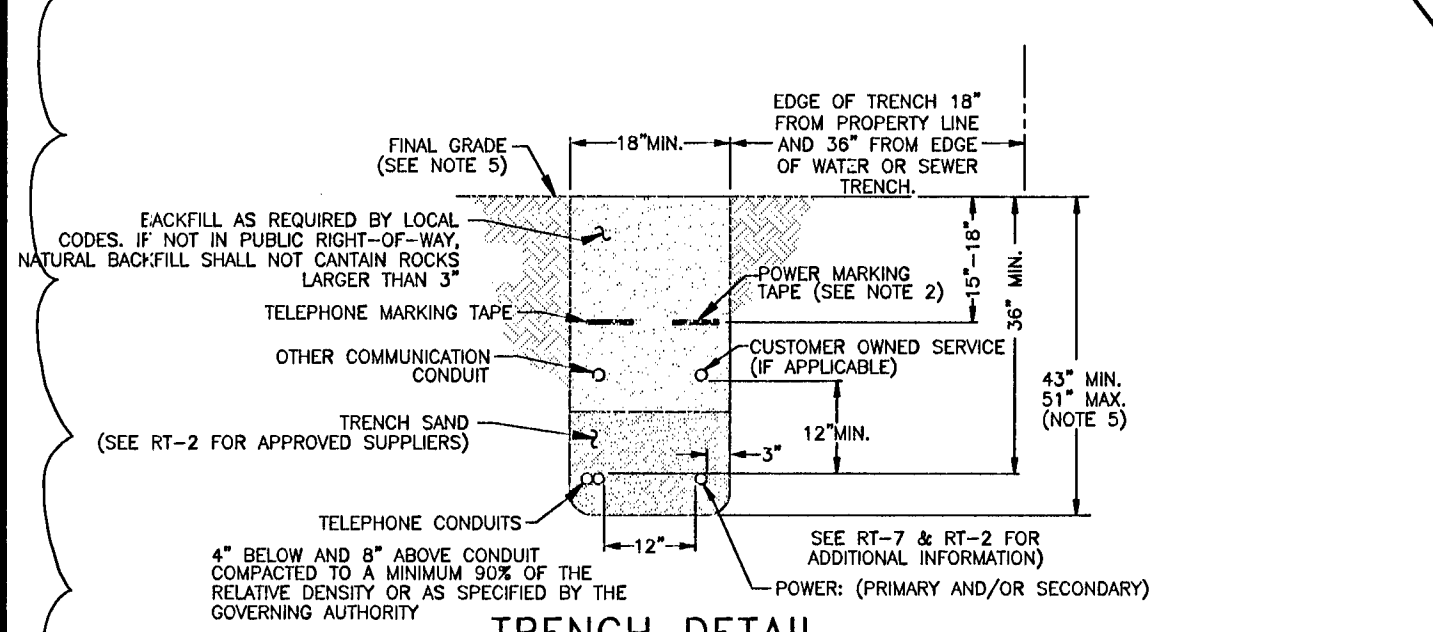
CENTENNIAL HILLS
PROFESSIONAL CENTER
DURANGO & 215

PROJ. ID: 3000397873 SCALE: 1" = 50'
SHEET # 1 OF 5 DATE: 02/03/2014



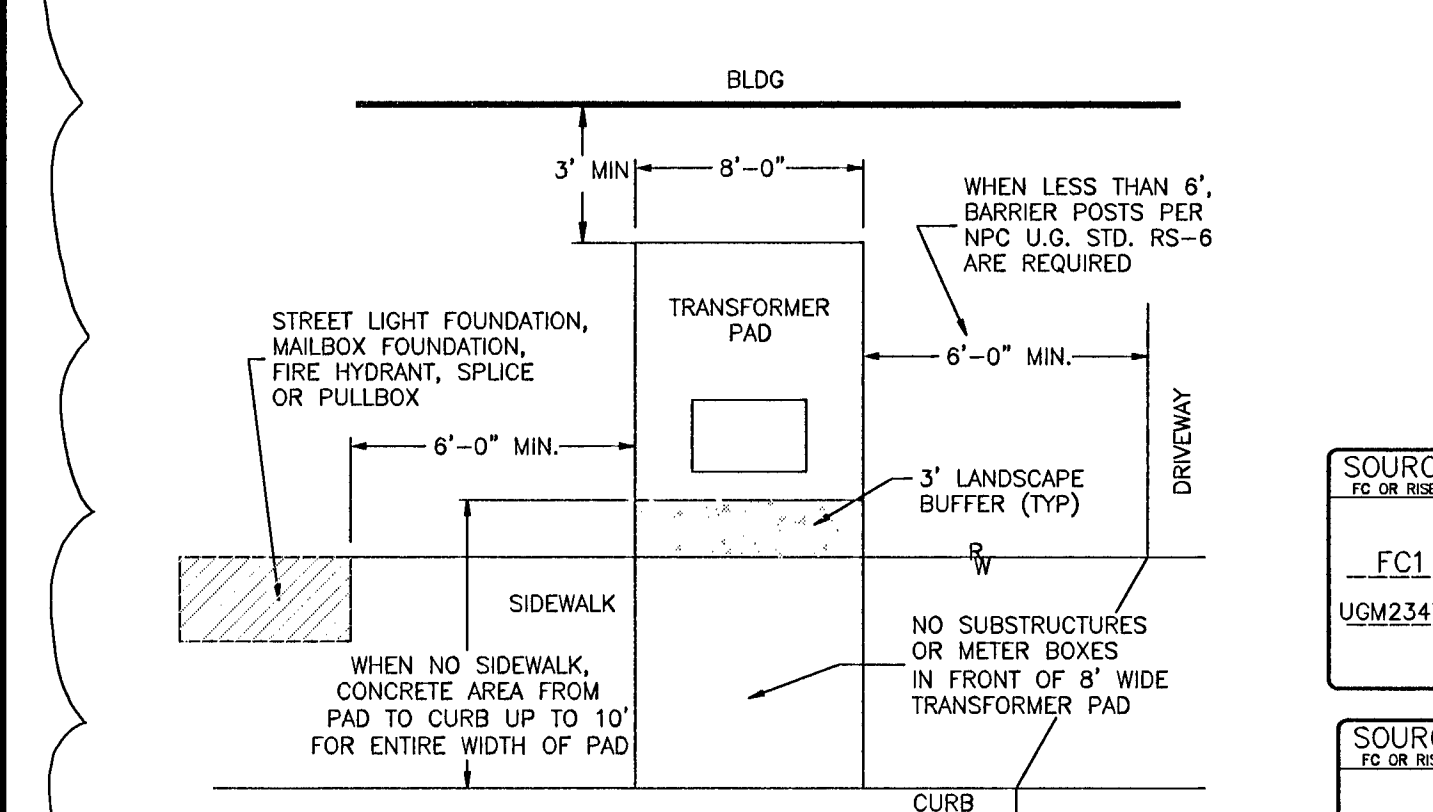
SIDEWALK TRENCH DETAIL

NVE U.G. STD. RT-7 (REV. 5/13/2013)
(RESIDENTIAL OR COMMERCIAL)



TRENCH DETAIL

NVE U.G. STD. RT-12 (REV. 5/13/13)
(RESIDENTIAL AND COMMERCIAL)



COMMERCIAL TRANSFORMER LOCATION DETAIL

NPC U.G. STD. RS-5

SOURCE FC OR RISER	PH.	EX.	KVA	ADDED KVA	TOTAL KVA	SOURCE FC OR RISER
FC1 UGM23470	A#	0	75	75		
	B#	0	75	75		
	C#	0	75	75		

SOURCE FC OR RISER	PH.	EX.	KVA	ADDED KVA	TOTAL KVA	SOURCE FC OR RISER
FC4551 UGM8452	A#	175	0	175		
	B#	175	0	175		
	C#	0	0	0		

SOURCE FC OR RISER	PH.	EX.	KVA	ADDED KVA	TOTAL KVA	SOURCE FC OR RISER
FC1 UGM23471	A#	0	833	833		
	B#	0	783	783		
	C#	0	783	783		

SOURCE FC OR RISER	PH.	EX.	KVA	ADDED KVA	TOTAL KVA	SOURCE FC OR RISER
FC4547 UGM23475	A#	0	175	175		
	B#	0	125	125		
	C#	0	125	125		

CONTRACTOR: RIGHT OF WAY REQUIREMENTS

CONTRACTOR IS REQUIRED TO KNOW THE
LOCATION OF THE RIGHT OF WAY (RW). ALL
CONCRETE PADS FOR THE ABOVE GROUND
UTILITIES ARE REQUIRED TO HAVE A 3'-0"
MINIMUM LANDSCAPE BUFFER FROM BACK
OF SIDEWALK.

FIRE HYDRANT CLEARANCE:

6' MIN RADIUS REQUIRED FROM CIRCUMFERENCE
OF HYDRANT TO ANY ABOVE GROUND EQUIPMENT
INCLUDING MANHOLES AND SWITCHBOXES.
3' MIN RADIUS FROM CIRCUMFERENCE
OF HYDRANT TO ALL UNDERGROUND HANDHOLES,
PULLBOXES AND SPLICEBOXES.

CONSTRUCTION/INSPECTION REQUIREMENTS

WORK MUST CONFORM TO NVE ELECTRIC SERVICE STANDARDS, AVAILABLE AT:
www.nveenergy.com/business/newconstruction/newconstructionstandards.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 MANDETTLED 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.

METERS WILL NOT BE SET UNTIL ALL OF THE FOLLOWING ARE COMPLETE:
• INSTRUMENT-BATER ONLY METERING EQUIPMENT HAS BEEN SUBMITTED TO NVE
METERING ENGINEER AND APPROVED. (submit to: southern@nveenergy.com)
• APPLICATION FOR METER SET HAS BEEN SUBMITTED TO NVE'S NEW DEVELOPMENT
CENTER. FORM AVAILABLE AT:
www.nveenergy.com/brochure/new_development_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

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 (CLV CENTER): 402-4354
LAS VEGAS SOUTH (CLV CENTER): 402-8864

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