OVERALL PROJECT

—NOT TO SCALE—

T,R,S: 2061-34

APN:

NPC OVERHEAD SYMBOLS

EXIST.	NEW	
		SOLE USE WOOD POLE
		JOINT USE WOOD POLE
		SOLE USE STEEL POLE
		JOINT USE STEEL POLE
		GUY POLE.
		GUY
		TAP
		SWITCH
		FUSE
		DOUBLE DEAD END
		INSOLATOR
		CAPACITOR BANK
		REGULATOR
		RECLOSER
		FAULT INDICATOR
		SINGLE PHASE TRANSFORMER
		PAL LIGHT
		OH PRIMARY WIRE
		OH SECONDARY WIRE
		OH SERVICE WIRE

PURPOSE OF PROJECT:
NEW FOURT CIRCUITS FROM
COMMERCE SUBSTATION
CONDUIT SYSTEM ONLY

CIRCUIT LEGEND

- COM1204 UNION PARK PRIMARY FEED
- COM1218 UNION PARK PRIMARY FEED
- COM1203 RELIEF FOR GA1202 PHASE 4
- COM1217 WMC PH 4 PRIMARY FEED
- COM1208 UNION PARK

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)

*NPC 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 87-4354
LAS VEGAS SOUTH (HENDERSON): 558-4740
LAS VEGAS SOUTH (SPRING VALLEY): 252-4828

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 AFOREMENTIONED 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 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 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 WORKSCONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

FEEDER

EXIST. 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 2" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
- INSTALL NEW CABLE IN EXISTING VACANT CONDUIT.
- CONDUIT LOCATING DEVICE 18" ABOVE STUBOUT.
- 600 AMP THREE PHASE, 12.47 KV PRIMARY POLE RISER PER NPC U.G. STD. OEP-101.
- SWITCHES (PMH-2, PMH-4, PMH-9, PMH-10, PMH-11, PMH-12).
- 1200KVAR CAPACITOR BANK PER NPC U.G. STD. UC-101.
- TERMINATION OF ALL MODULES, MAKES, SPLICES AND FINAL CONNECTIONS.
- PULLING OF CONDUCTOR IS CALCULATED DIRECTIONALLY. CREWS ARE TO ADHERE TO DIRECTION OF PULL WHERE APPLICABLE.
- NPC TO COIL PRIMARY CABLE IN MANHOLE FOR FUTURE SPLICES, WHERE APPLICABLE.

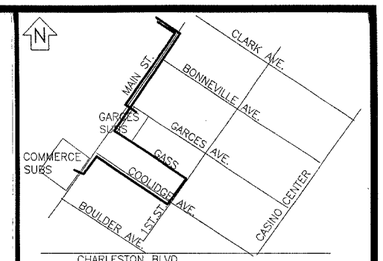
EXIST. NEW **APPLICANT TO FURNISH AND INSTALL:**

- 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.
- AN APPROVED POLYSTER PULL TAPE OF 2500 LBS OF PULL STRENGTH FOR 6" CONDUIT SHALL BE INSTALLED IN EACH COMPLETE CONDUIT RUN.
- 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')
- 5' X 10'-6" X 7' MANHOLE, PER NPC U.G. STD. RS-94.
- 5' X 10'-6" X 7' MANHOLE FOR SWITCH, PER NPC U.G. STD. RS-98, RS-99, RS-100, OR RS-101.
- 3' X 7' X 4' PULLBOX PER NPC U.G. STD. RS-82.
- VEHICLE PROTECTIVE BARRIERS PER NPC U.G. STD. RS-6, WHERE APPLICABLE.
- COUPLING FOR 2", 4", OR 6" CONDUITS (AS APPLICABLE).

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 NPC FACILITIES.



VICINITY MAP
(NOT TO SCALE)

EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NPC 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 1-702-227-2929

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

REVISIONS

NO.	DESCRIPTION	DATE	G.A.
1	ADDED HOLE INFO FROM ENGINEER	04/04/2008	JN
2	RELOCATE PIT BORES TO 25' EAST AND 38.4' WEST OF UPRR R/W.JN	05/23/2008	
3	MOVE FEEDERS FROM 1 ST.ST. TO MAIN ST.	11/21/2008	JN
4	INSTALL THREE (3)MH-ON WMC PROP.TO REDUCE PULLING TENSION.JN	04/07/2009	
5			

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:
- SPRINT CONTACT: ____
- 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
- JPA#: ____

EXHIBIT 'A'

NPC INFORMATION:

COORDINATOR: PAT BROWN
PHONE: 657-6290
DESIGNER: JORGE NAJEA
DCA:
INSPECTOR: 378-3725
STAND BY: 402-4117,402-4116,402-4118
DISTRICT: LAS VEGAS

CUSTOMER INFORMATION:

APPLICANT NEWLAND/ CLV
ENGINEER: KIMLEY-HORN
CONTACT: DAVE BOWERS 229-2324
APPROVAL DATE: 02/19/2008

GOVERNMENT INFORMATION:

AGENCY: CITY OF LAS VEGAS
APPROVAL DATE: 02/19/2008

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

NEVADA POWER COMPANY

UNION PARK PH1 OFF-SITE CONDUIT SYSTEM
1004 MAIN ST.
107V 5234-PWR

PROJ. ID: 184176	SCALE: 1" = 50'
SHEET #: 1 OF 8	DATE: 07/17/2007

117937

4 -REVISION(S)