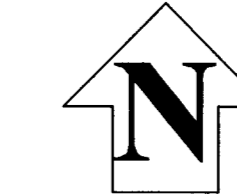
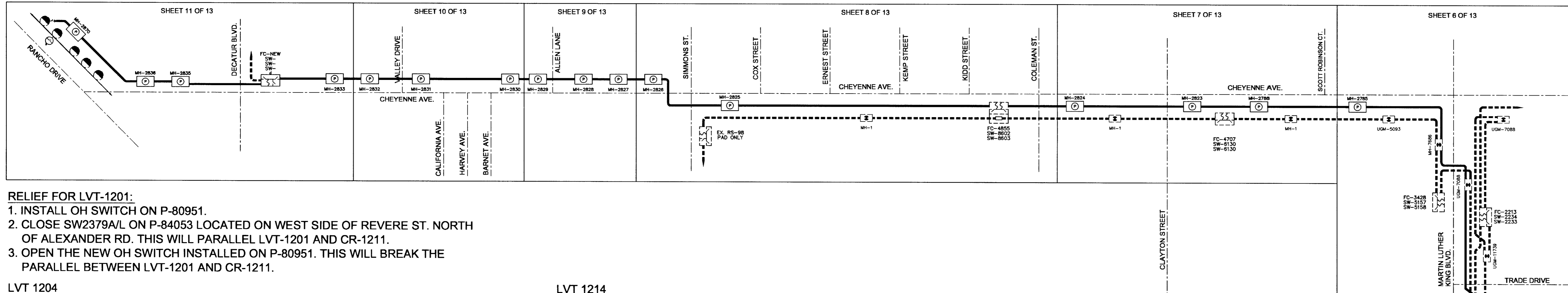


OVERALL/SINGLE LINE DIAGRAM OF LEAVITT 1204/1214

NOT TO SCALE



T,R,S: 2060-13A, 2061-17,18,19
APN: 139



RELIEF FOR LVT-1201:

1. INSTALL OH SWITCH ON P-80951.
2. CLOSE SW2379A/L ON P-84053 LOCATED ON WEST SIDE OF REVERE ST. NORTH OF ALEXANDER RD. THIS WILL PARALLEL LVT-1201 AND CR-1211.
3. OPEN THE NEW OH SWITCH INSTALLED ON P-80951. THIS WILL BREAK THE PARALLEL BETWEEN LVT-1201 AND CR-1211.

LVT 1204

1. INSTALL OH SWITCH (IN THE NORMALLY OPEN POSITION) ON T-23429. THIS WILL BREAK THE PARALLEL BETWEEN LVT1201 AND TO1211. THIS WILL ALSO TRANSFER CAPACITOR #2057 AND #581 FROM TO1211 TO LVT1204.
2. CLOSE OH SWITCH 1720A/L LOCATED ON THE NORTH SIDE OF CHEYENNE AVE. WEST OF RANCHO DR. THIS WILL PARALLEL LVT1204 AND LO1208.
3. OPEN OH SWITCH 2073A LOCATED ON THE NORTH SIDE OF CHEYENNE AVE. EAST OF JONES BLVD. THIS WILL BREAK THE PARALLEL BETWEEN LVT1204 AND LO1208. THIS WILL ALSO TRANSFER CAPACITOR #191 FROM LO1208 TO LVT1204.

LVT 1214

1. INSTALL A SWITCH AT SOUTHWEST CORNER OF BROOKS AND CLAYTON. CLOSE ALL SWITCHES IN NEWLY INSTALLED SWITCH. THIS WILL PARALLEL LVT1214 AND TO1203.
2. OPEN OH SW2430A ON POLE #X-18629 LOCATED ON THE SOUTH SIDE OF CAREY AVE. WEST OF WINNING WAY. THIS WILL BREAK THE PARALLEL BETWEEN LVT1214 AND TO1203.

CONSTRUCTION OF THIS JOB IS CONTINGENT UPON THE COMPLETION OF WR# 168874.

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 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.

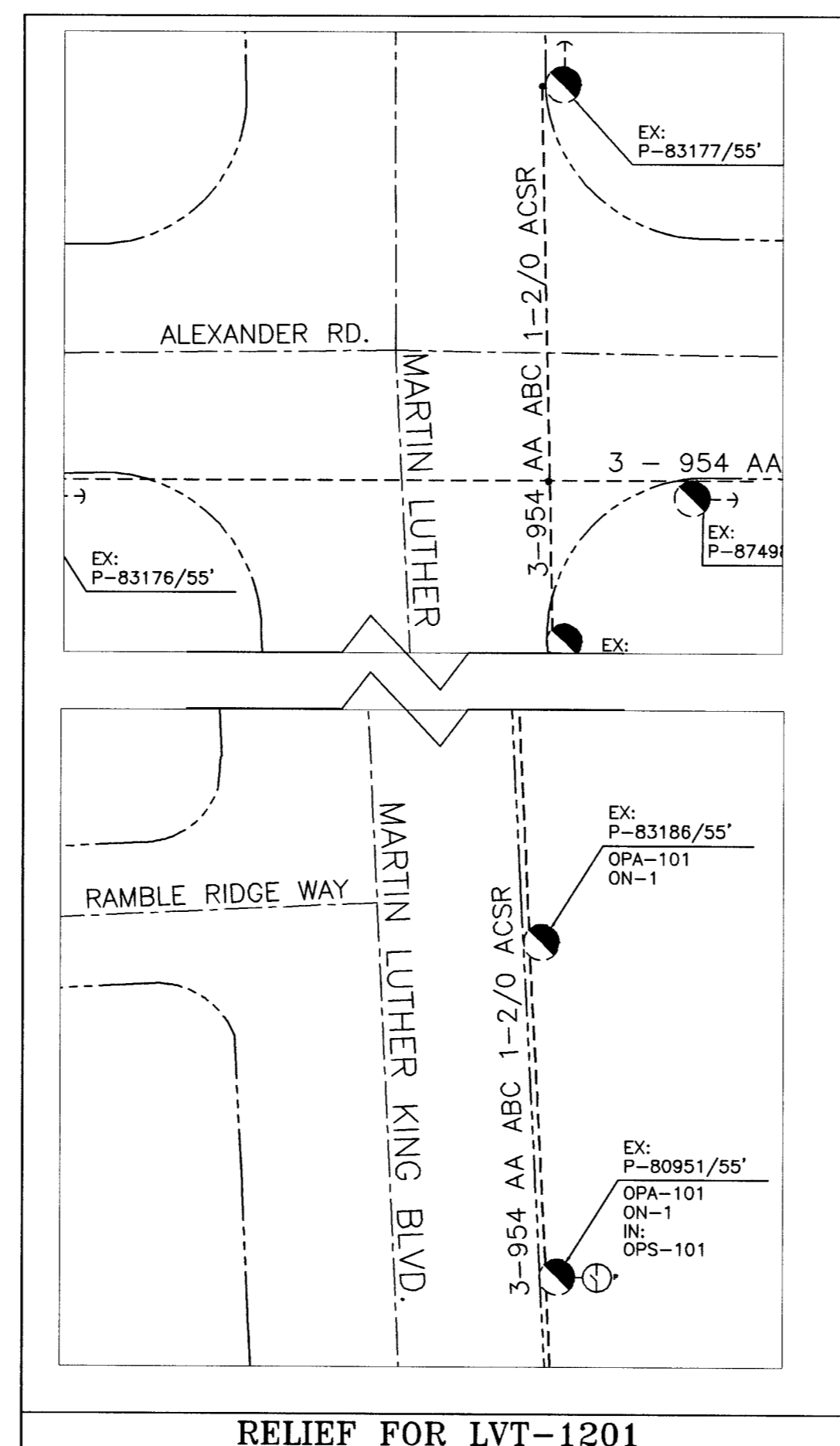
FEEDER

EXIST. NEW NPC WORK AND SERVICES TO CONSIST OF:

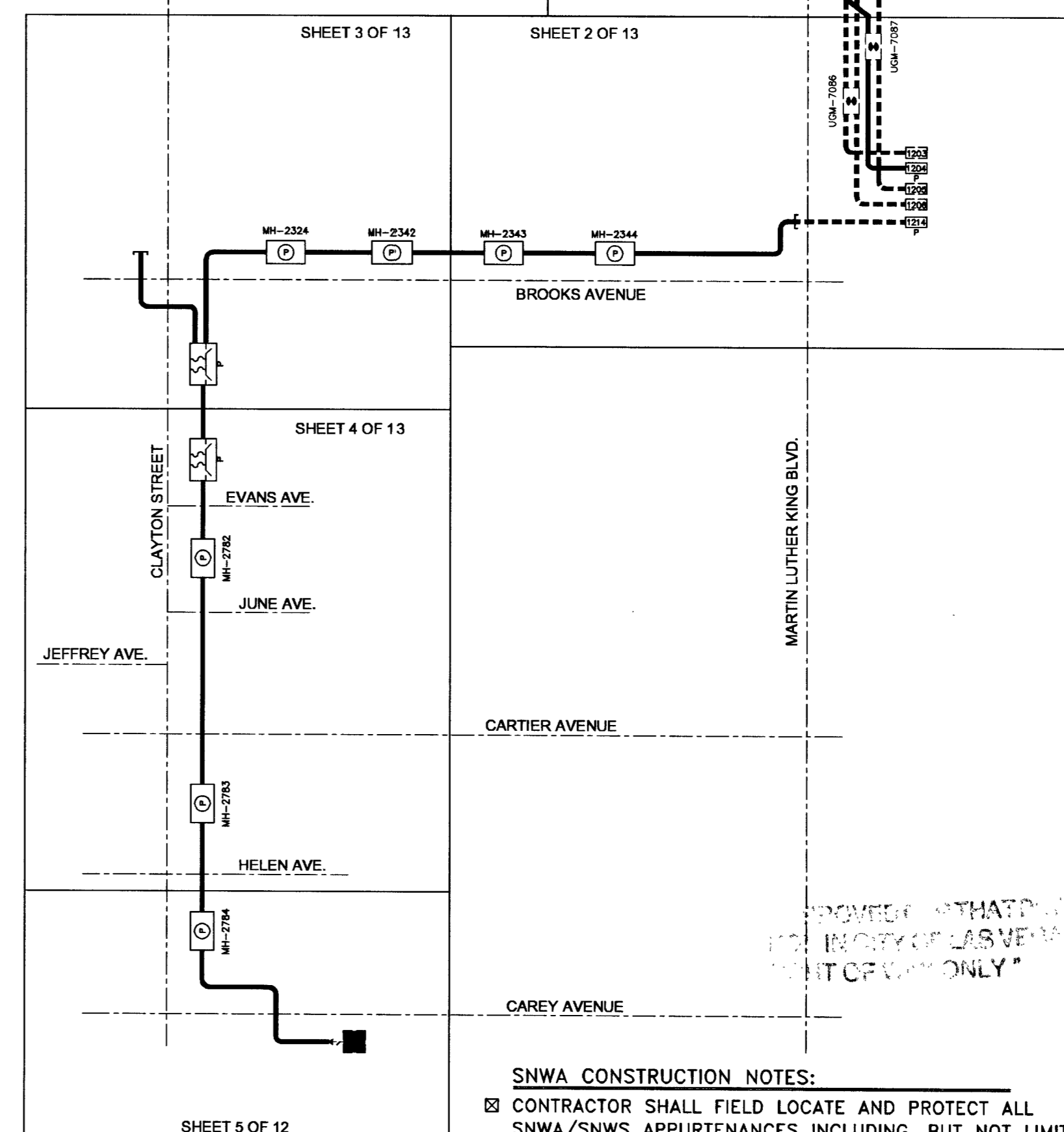
- 1000 MCM TRIPLEX, 15 KV AL PRIMARY CABLE IN 6" PLASTIC CONDUIT.
- 1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
- 1/0, 15 KV AL PRIMARY CABLE IN 2" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
- CONDUIT LOCATING DEVICE 18" ABOVE STUBOUT.
- 600 AMP THREE PHASE, 12.47 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-7, RT-B, OR RT-12).
- 6" PLASTIC CONDUIT, PER NPC U.G. STD. RC-1 AND RC-2.
- 6" PLASTIC CONDUIT BENDS (90°, 45°) WITH 48" MIN. RADIUS.
- 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')
- 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).

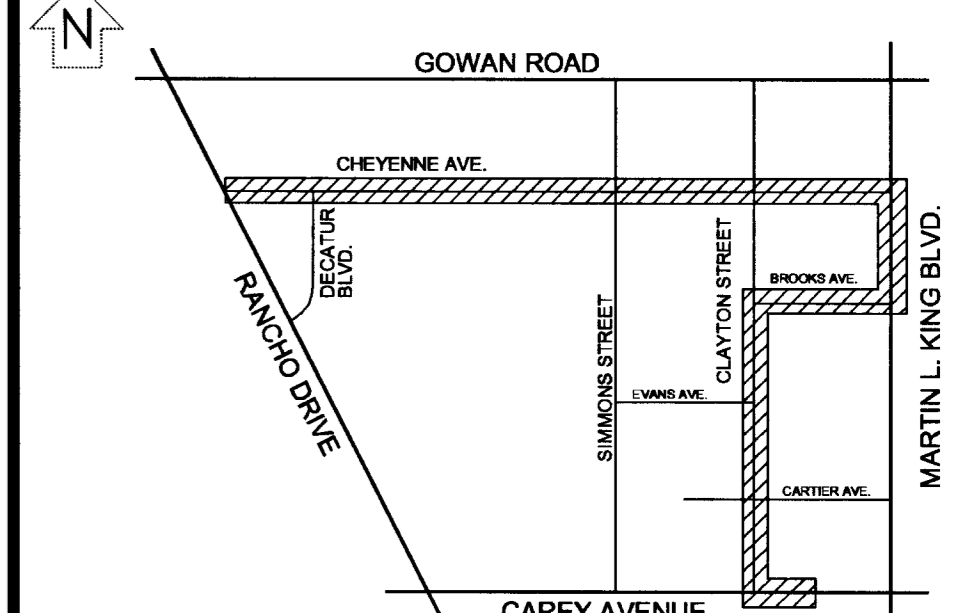


RELIEF FOR LVT-1201



CITY OF NORTH LAS VEGAS PERMIT REQUIRED
CITY OF NORTH LAS VEGAS CONSTRUCTION SERVICES
635-1220 MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION
*NPC INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK.
LAS VEGAS NORTH: 857-4354
LAS VEGAS SOUTH (HENDERSON): 558-4740
LAS VEGAS SOUTH (SPRING VALLEY): 252-4828

- ### SNWA CONSTRUCTION NOTES:
- CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL SNWA/SNWS APPURTENANCES INCLUDING, BUT NOT LIMITED TO AV/AR, ACCESS MANWAYS & CATHODIC PROTECTION SYSTEMS. ALL ABOVE GROUND STRUCTURES AND AT GRADE STRUCTURES MUST BE ADJUSTED TO NEW GRADE AT CONTRACTOR'S EXPENSE. CATHODIC PROTECTION TEST STATIONS, RECTIFIERS, AND AV/AR'S MUST BE RELOCATED TO THE SIDEWALK PER SNWA STANDARDS AND AT THE CONTRACTOR'S EXPENSE. CONTRACTOR TO NOTIFY SOUTHERN NEVADA WATER AUTHORITY, DEVELOPMENT PLAN REVIEW, AT (702)862-3444 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY.
 - THIS DATA MAY BE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. IT IS THE ENGINEER'S RESPONSIBILITY TO ENSURE THAT THIS DATA IS CONVERTED TO THE APPROPRIATE DATUM BEFORE USING SAID DATA.
 - NO BUILDINGS, STRUCTURES, FENCES OR TREES SHALL BE PLACED UPON, OVER OR UNDER SAID PARCEL OF LAND FOR THE DURATION OF THIS EASEMENT EXCEPT THAT SAID PARCEL MAY BE IMPROVED AND USED FOR STREET, ROAD OR DRIVEWAY PURPOSES AND FOR OTHER UTILITIES, INsofar AS SUCH USE DOES NOT INTERFERE WITH ITS USE BY SNWA FOR THE PURPOSES FOR WHICH IT IS GRANTED.
 - SOUTHERN NEVADA WATER AUTHORITY APPROVAL:
- APPROVED BY: _____ DATE: _____
- SNWA APPROVAL IS VALID FOR ONE (1) YEAR FROM THE SIGNATURE DATE. IF CONSTRUCTION WITHIN THE EASEMENT OR RESTRICTED PIPE SAFETY ZONE IS NOT COMPLETE, PLANS MUST BE RESUBMITTED TO SNWA FOR APPROVAL.



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

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig.

CALL 1-702-227-2929 1-800-227-2600 UNDERGROUND SERVICE (USA)

REVISIONS

NO.	DESCRIPTION	DATE	G.A.
1	NPC TO CROSS CHEYENNE WITH (2)6" +/- 1177' W/O SIMMONS, PER BRAD.	11/24/2003	DJ
2	ADD MANHOLE PLACEMENT DETAILS FOR CHEYENNE	12/02/2003	RIP
3	REVISED DRAWING TO SHOW EXISTING 60' SNWA LINE RUNNING EAST AND WEST ON CLAYTON, KC	12/08/2003	
4	REVISED DESIGN SHOWING EXISTING SNWA REQUIREMENT WHERE APPLICABLE, KC	01/06/2004	

SURVEY

TYPE OF EASEMENT:	JPA NOTES:
AERIAL STANDARD	SPRINT CONTACT: GALEN GOZDAN
R/W-31	PHONE NUMBER: 244-7862
UNDERGROUND	DATE OF CONTACT: 09/11/2003
AS BUILT UNDERGROUND	TO SET NEW POLES
R.O.E./R/W-5-COM	TO STAKE NEW POLES
3rd PARTY	TO PROVIDE _____ POLES
UNDERGROUND BY EXHIBIT (N-DOT) PERMIT	_____ FT. CLASS
(BLM) PERMIT	_____ FT. CLASS
RAILROAD-UPRR-PERMIT	TO DIG POLE HOLES
SO. NEVADA WATER PERMIT	TO REMOVE EX. POLES
NOT REQUIRED	NPC TO INSTALL 3-PHASE RISERS
Misc. Info.	ON P-66838 & X-18634
	JPA#: P200300219

NPC INFORMATION:

COORDINATOR: BRAD REIPLINGER
PHONE: 657-4303
DESIGNER: JOSH THIEL
DCA: N/A
INSPECTOR: 378-3690
SCHEDULING: 657-4114, 657-4116, 657-4118

DISTRICT: LAS VEGAS

CUSTOMER INFORMATION:

DEVELOPER: NEVADA POWER COMPANY
ENGINEER: NEVADA POWER COMPANY
CONTACT: BRAD REIPLINGER
APPROVAL DATE: 10/01/2003

GOVERNMENT INFORMATION:

AGENCY: NORTH LAS VEGAS--CITY OF LAS VEGAS
APPROVAL DATE: 12/22/2003--

NEVADA POWER COMPANY

LEAVITT 1204/1214

PROJ. ID: 173732 SCALE: 1" = 50'

SHEET #: 1 OF 13 DATE: 07/23/200

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