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.

CIVIL LINETYPE LEGEND

CENTERLINE
PROPERTY LINE/ROW
CURB
EDGE OF PAVEMENT
EDGE OF SIDEWALK
SEWER LINE
WATER LINE
LVVWD WATER LINE
SNWA WATER LINE
GAS LINE
TELEPHONE LINE
CABLE TV LINE
FIBER LINE
STORM DRAIN LINE
FIRE HYDRANT — SERVICE INDICATOR
SIGNAL LIGHT — STREET LIGHT

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.

FEEDER

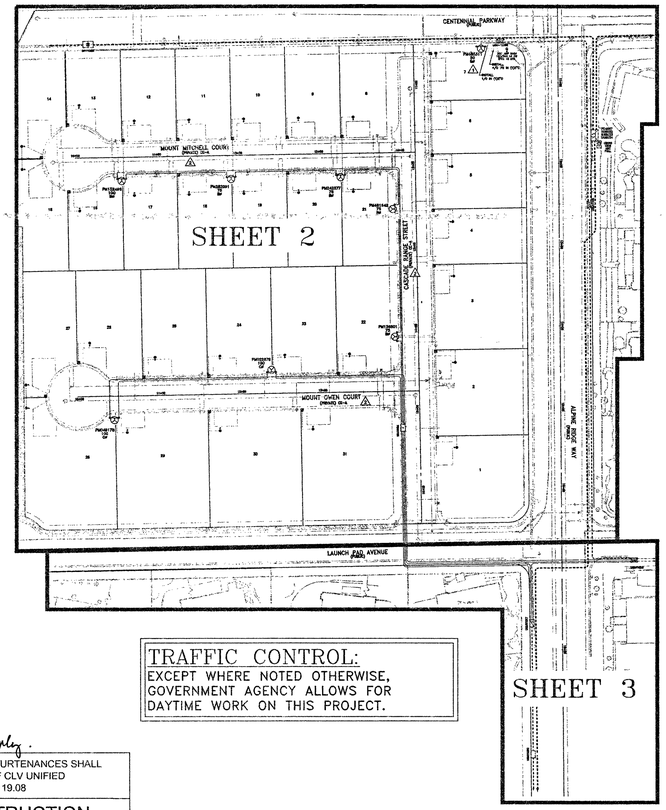
EXIST. NEW **NVE WORK AND SERVICES TO CONSIST OF:**

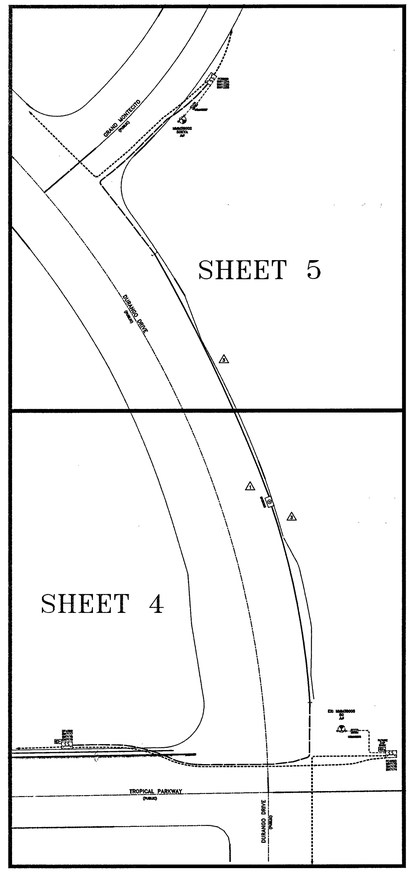
- 1000 MCM TRIPLEX, 15 KV AL PRIMARY CABLE IN 6" PLASTIC CONDUIT.
- 1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
- 1/0, 15 KV AL PRIMARY CABLE IN 2" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
- INSTALL NEW CABLE IN EXISTING VACANT CONDUIT.
- CONDUIT LOCATING DEVICE 18" ABOVE STUBOUT.
- 600 AMP THREE PHASE, 12.47 KV PRIMARY POLE RISER PER NVE U.G. STD. OEP-101.
- SWITCHES (PMH-2, PMH-4, PMH-9, PMH-10, PMH-11, PMH-12).
- 1200KVAR CAPACITOR BANK PER NVE 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.
- NVE TO COIL PRIMARY CABLE IN MANHOLE FOR FUTURE SPLICES, WHERE APPLICABLE.

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

- ALL TRENCHING & BACKFILL, MEETING APPLICABLE NVE STANDARD (RT-5, RT-7, OR RT-12).
- 6" PLASTIC CONDUIT, PER NVE 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 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')
- 5' X 10'-6" X 7' MANHOLE, PER NVE U.G. STD. RS-94.
- 5' X 10'-6" X 7' MANHOLE FOR SWITCH, PER NVE U.G. STD. RS-98, RS-99, RS-100, OR RS-101.
- 3' X 7' X 4' PULLBOX PER NVE U.G. STD. RS-82.
- VEHICLE PROTECTIVE BARRIERS PER NVE U.G. STD. RS-6, WHERE APPLICABLE.
- COUPLING FOR 2", 4", OR 6" CONDUITS (AS APPLICABLE).

T,R,S: 1959-25
1960-28
APN: 12625101004
12629601021
12528201005
12529601023

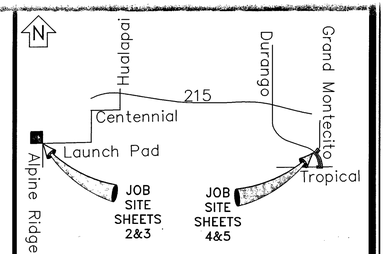




TRAFFIC CONTROL:
EXCEPT WHERE NOTED OTHERWISE, GOVERNMENT AGENCY ALLOWS FOR DAYTIME WORK ON THIS PROJECT.

TRAFFIC CONTROL:
EXCEPT WHERE NOTED OTHERWISE, GOVERNMENT AGENCY ALLOWS FOR DAYTIME WORK ON THIS PROJECT.

OVERALL PROJECT
-NOT TO SCALE-



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.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
CALL 1-702-402-2929

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-6000

REVISIONS

NO.	DESCRIPTION	DATE	G.A.
1	Move MH32263 south to sta.3+50 see sheet 4 of 6. Add t/1 service see sheet 2 of 6	04/21/2015	
2	Name changes on private streets.	07/06/2015	
3	REVISED SECTION "C" TO REFLECT CORRECT LOCATION OF TRENCH (BGF)	03/23/2016	

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:
- TELCO 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
- JPA#: N/A

EXHIBIT 'A'

NVE INFORMATION:
COORDINATOR: JACKSON, DON
PHONE: 702/402-6815
DESIGNER: KERN, ZACHARY D.F. KL
DCA: 285-8182, 219-5761 NORTH
INSPECTOR: 402-3008
STAND BY: 402-4114, 402-4117,402-4118
DISTRICT: LAS VEGAS NORTH

CUSTOMER INFORMATION:
APPLICANT GREYSTONE NEVADA, LLC
ENGINEER: RCI ENGINEERING
CONTACT: ERIC COLE 702-335-5900
APPROVAL DATE: 11/07/2014

GOVERNMENT INFORMATION:
AGENCY: CLARK COUNTY
APPROVAL DATE: N/A

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

SOURCE FC OR RISER	PROJECT CONNECTED LOAD (3ø)				SOURCE FC OR RISER
	PH.	EX: KVA	ADDED KVA	TOTAL KVA	
FC4847	Aø	1225	0	1225	DFC6928
UGM11006	Bø	650	400	1050	PB-1
	Cø	875	200	1075	

PURPOSE OF PROJECT:
SERVE NEW RES. SUBDIVISION
31 LOTS 225 & 400 AMP
120/240V 1ø

CLARK COUNTY PUBLIC WORKS PERMIT REQUIRED*
DEVELOPER/CONTRACTOR SHALL OBTAIN A COUNTY PERMIT BEFORE ANY EXCAVATION WORK WITHIN CLARK COUNTY RIGHT-OF-WAY
HTE_____ DATE_____
* NVE INSPECTOR WILL VERIFY COUNTY PERMIT FOR WORK DONE WITHIN COUNTY RIGHT-OF-WAY
ENERGIZING AND SETTING OF ELECTRIC METER MAY BE DELAYED IF OFF-SITE RESTORATION IS NOT COMPLETED TO THE SATISFACTION OF CLARK COUNTY INSPECTOR

RTC NOTES:
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS

1	500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
2	500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRANSVERSE CUT
3	500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT. GREATER THAN 60' R.O.W
4	500.4 OVER 5 YRS PAVEMENT RESTORATION LONGITUDINAL CUT. 60' R.O.W OR LESS
5	500.5 OVER 5 YRS PAVEMENT RESTORATION TRANSVERSE ALL R.O.W WIDTHS
6	501 TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60' OR LESS R.O.W.
7	501.1 TYPICAL UTILITY UNDERGROUND LOCATIONS IN STREETS WITH GREATER THAN 60' R.O.W.
8	503 METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
9	503.1 METHOD A FOR FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
10	503.2 METHOD A FOR RIGID PIPE TRENCH BACKFILL - PAVED AREAS
11	BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.
12	234 SIDEWALK

APPROVED FOR PERMITTING
THIS APPROVAL IS FOR WORK IN CC R/W & EASEMENT ONLY. OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.
NIGHT WORK: YES ☐ NO ☐
ENCROACHMENT PERMIT # _____
APPROVAL BY: _____ DATE

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

For Sheets 1, 4, 5 & 6 only.
NOTE: ALL THE ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF CLV UNIFIED DEVELOPMENT CODE 11TLE 19.06 AND 19.08

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 64425 3070/1101-UTL 6 28 16 DATE

UNLESS OTHERWISE NOTED:
ALL SERVICE CONDUCTOR: 2/0 AL. TRI.
ALL TRANSFORMERS:7200-120/240V-1ø PM
COMBINED A/C TONNAGE: 5 TONS
NUMBER OF UNITS: 24
MAIN SIZE: 225 AMPS
ESTIMATED KVA PER UNIT: 16 KVA
SQ. FT. OF LARGEST HOME: 3400 FT²

UNLESS OTHERWISE NOTED:
ALL SERVICE CONDUCTOR: 4/0 AL. TRI.
ALL TRANSFORMERS:7200-120/240V-1ø PM
COMBINED A/C TONNAGE: 7 TONS
NUMBER OF UNITS: 7
MAIN SIZE: 400 AMPS
ESTIMATED KVA PER UNIT: 19 KVA
SQ. FT. OF LARGEST HOME: 4200 FT²

CENTENNIAL AND ALPINE
CENTENNIAL PKWY / ALPINE RIDGE WAY

PROJ. ID: 3000721883	SCALE: 1" = 30'
SHEET #: 1 OF 6	DATE: 10/13/2014

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.

3-REVISION(S)