

PURPOSE OF PROJECT:
TO PROVIDE 120/240V 1 PHASE
SERVICE TO A NEW 400A PANEL
FOR CELL SITE

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.

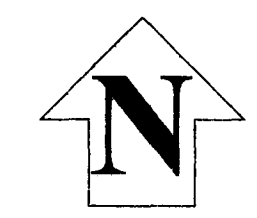
CUSTOM HOME

NVE WORK AND SERVICES TO CONSIST OF:

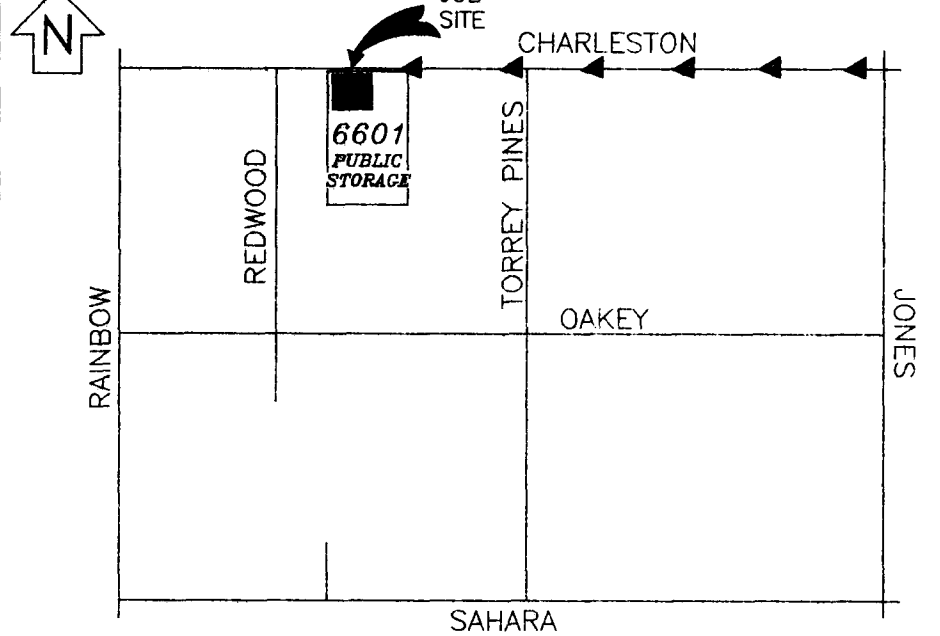
- 1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT.
1/0, 15 KV AL PRIMARY CABLE IN 2" PLASTIC CONDUIT.
INSTALL NEW CABLE IN EXISTING VACANT CONDUIT.
500 MCM TRIPLEX SECONDARY CABLE IN 4" PLASTIC CONDUIT
(CONDUIT BY CONTRACTOR).
350 MCM TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.
4/0 AWG TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.
2/0 AWG TRIPLEX SECONDARY CABLE, CABLE IN 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.
(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 PROVIDE 6" TO (3)2" REDUCERS.
NVE TO PROVIDE 4" TO (1)2" REDUCERS.
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

APPLICANT TO FURNISH AND INSTALL:

- ALL TRENCHING & BACKFILL, MEETING APPLICABLE NVE STANDARD
(RT-7, RT-8, OR RT-12).
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')
IF THE CUSTOMER CHOOSES TO INSTALL A STREET CROSSING,
NVE REQUIRES A 4" CONDUIT PER SECONDARY CABLE, AND
A 2" CONDUIT PER 1/0 CABLE.
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').
COUPLING FOR 2", 4", OR 6" CONDUITS (AS APPLICABLE).
ALL SERVICE CONDUIT - 2" MINIMUM DB60 PVC GRAY (RISER:
RGS REQUIRED) WITH 5/32" POLYPROPYLENE PULL LINE WITH
A MIN. BREAKING STRENGTH OF 1250 lbs.
17" X 30" HANDHOLE, PER NVE U.G. STD. RS-1 (WITH 8"
COLLAR WHERE APPLICABLE).
2'-6" X 4' X 4' SPURCE 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.



T,R,S: 2160-2
APN: 16302104003



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 underground
utilities. It's costly.
CALL BEFORE
YOU DO
OVERHEAD
CALL 1-800-227-2600
OR
1-800-227-2600
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

REVISIONS

NO.	DESCRIPTION	DATE	G.A.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

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 []
SD, NEVADA WATER PERMIT []
MISC. INFO. []
N/A []
JPA# []

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

EXHIBIT 'A'

NVE INFORMATION:
COORDINATOR: GERALD JOHNSON
PHONE: 402-4334
DESIGNER: GERALD JOHNSON
DCA: N/A
INSPECTOR:
STAND BY: 402-4117, 402-4116, 402-4118
DISTRICT: LAS VEGAS NORTH
CUSTOMER INFORMATION:
APPLICANT: SPRINT/NEXTEL
ENGINEER: SPECTRUM SURVEY & ENG. INC.
CONTACT: NATHAN FRENCH 308-2887
APPROVAL DATE:
GOVERNMENT INFORMATION:
AGENCY: CITY OF LAS VEGAS
APPROVAL DATE:

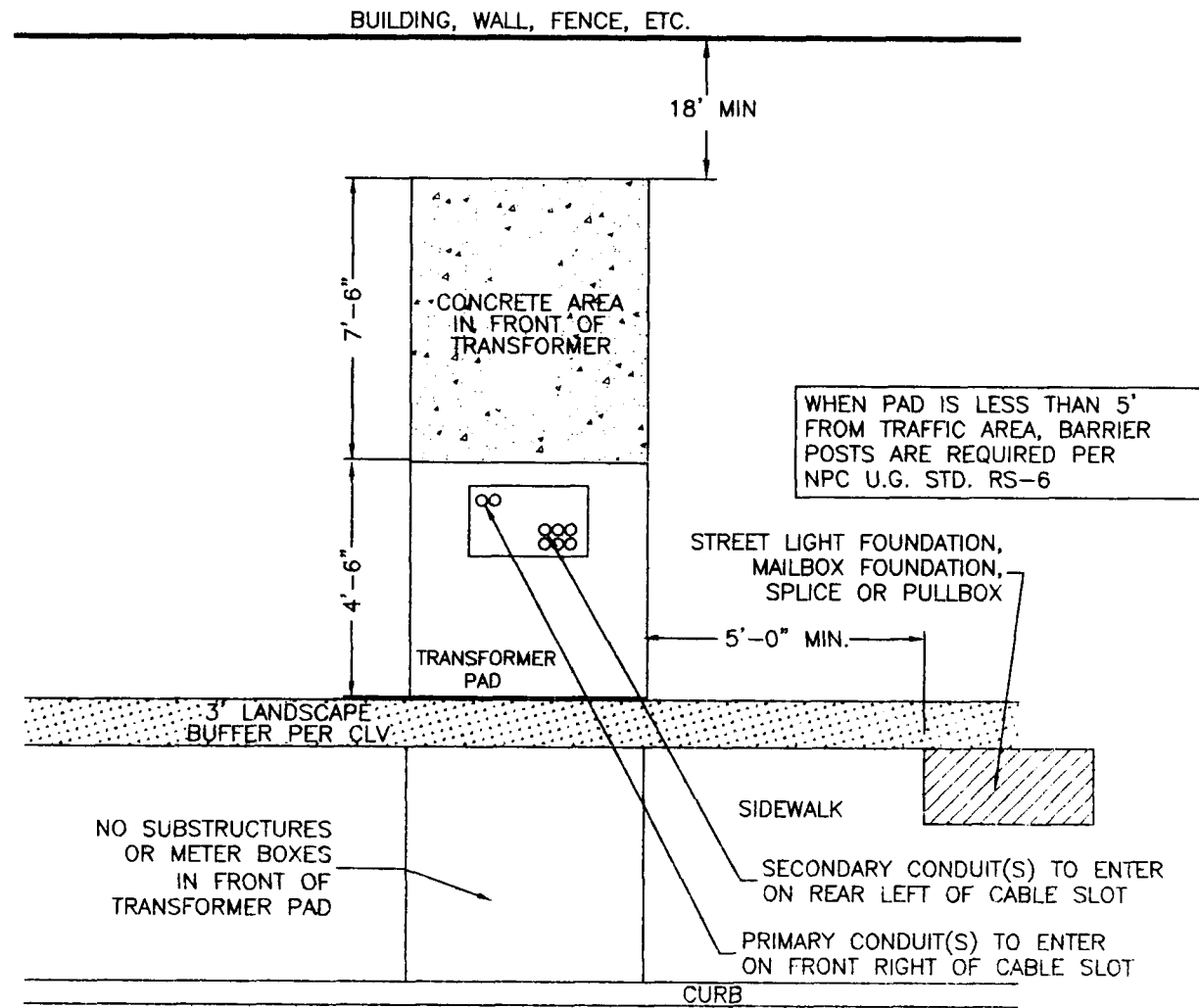
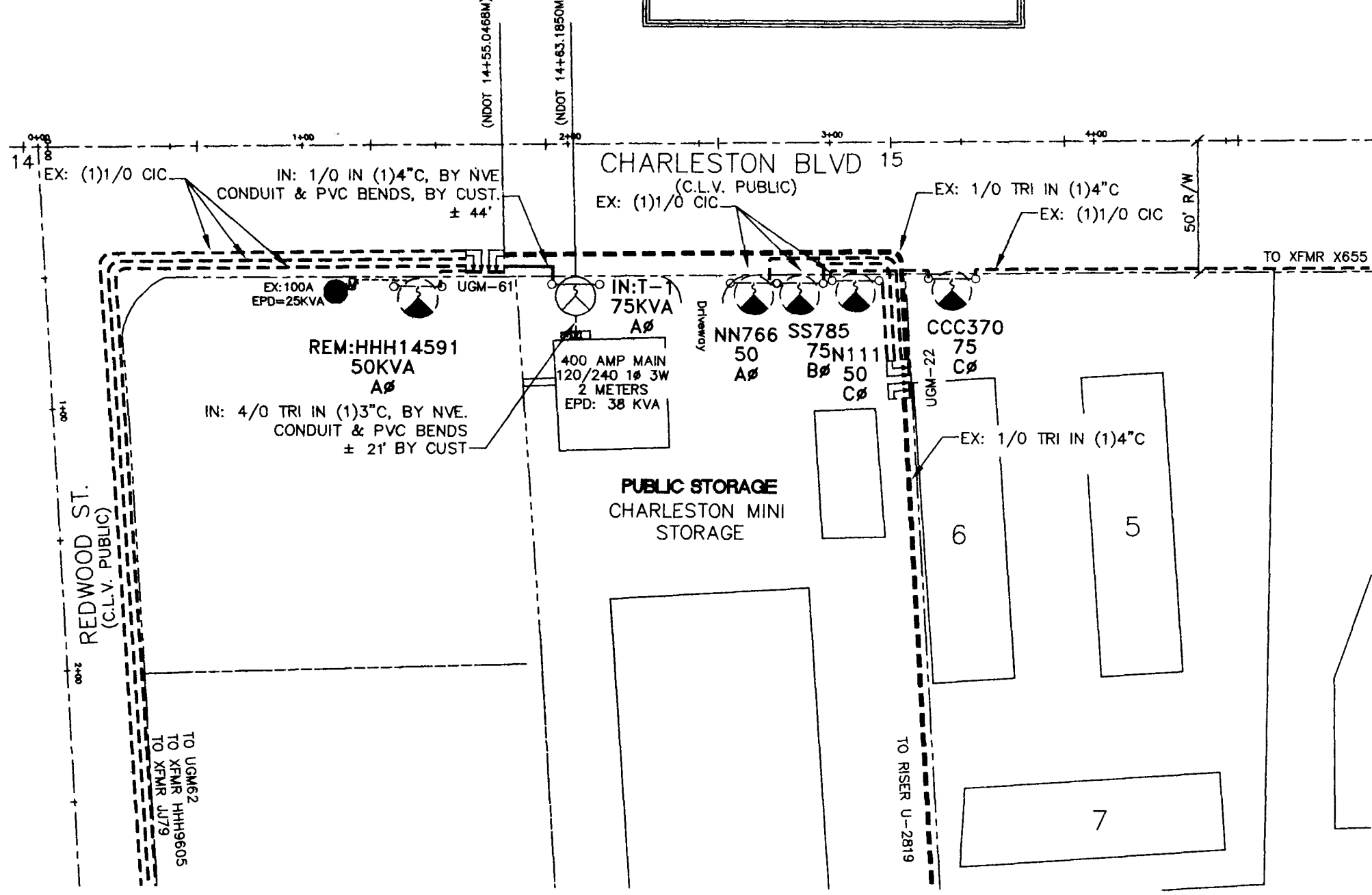
FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR
EACH TENANT SPACE WILL BE MEASURED THROUGH ONE
WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL
BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NPC
METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS



SPRINT/NEXTEL NV5308
6601 W. CHARLESTON BL.

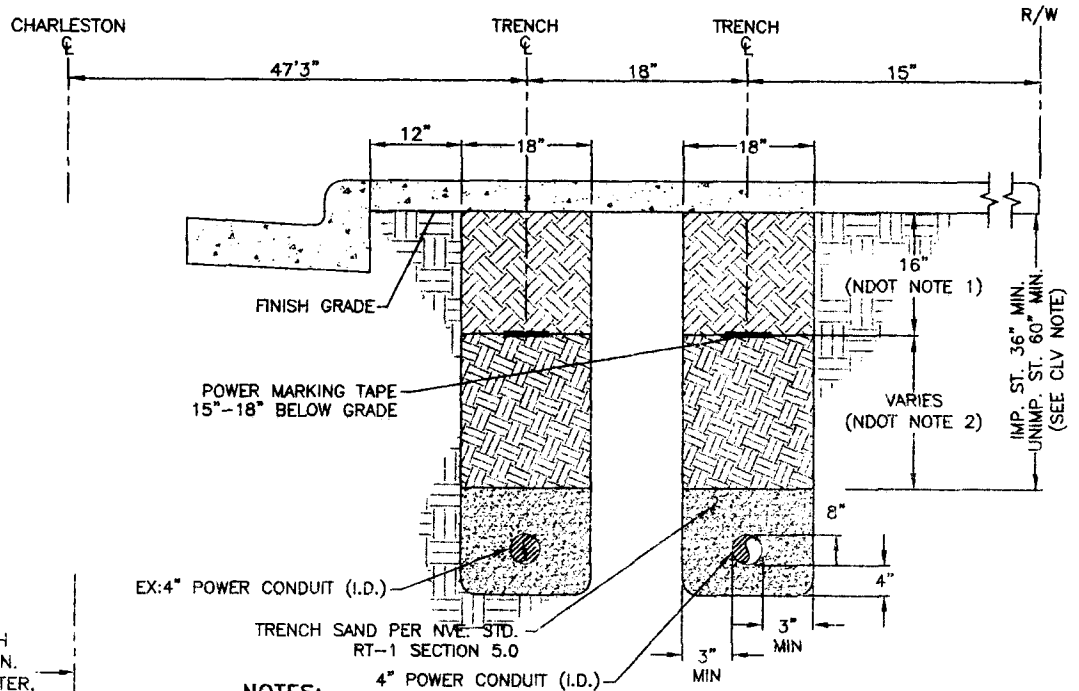
PROJ. ID: 192172 SCALE: 1" = 50'
SHEET #: 1 OF 1 DATE: 09/04/2009

!!!! CAUTION !!!!
ENERGIZED CABLES...
CALL BEFORE YOU DIG



SINGLE-PHASE TRANSFORMER LOCATION DETAIL

WITHIN CITY OF LAS VEGAS ONLY (ALONG STREETS THAT BORDER NON-RESIDENTIAL DEVELOPMENT)
NPC U.G. STD. RS-5 & RS-19
CLV MUNICIPAL CODE: TITLE 19.12.040(E.2)



NOTES:
NOT REQUIREMENTS (APPLICABLE WITHIN NOT RIGHT-OF-WAY ONLY):
1. BASE AGGREGATE (AS PER NDOT SPECIFICATIONS, SECTION 704). A MINIMUM OF 18
INCHES TO BE LAID IN MAXIMUM 8 INCH LOOSE LIFTS. 95% COMPACTION REQUIRED.
2. BACKFILL WITH SELECT MATERIAL TO BOTTOM OF BASE AGGREGATE (AS PER
NDOT SPECIFICATIONS, SECTION 207). 90% COMPACTION REQUIRED.
CLV REQUIREMENTS (APPLICABLE WITHIN CITY OF LAS VEGAS LIMITS ONLY):
IMPROVED AREA (IMP. ST.): LOCATION OF TRENCH
- WITHIN AN IMPROVED TRAIL AREA.
- LIMITS OF CONSTRUCTION INSTALLED CONCURRENT WITH A PRIVATE OR PUBLIC
CRITERIA(S).
UNIMPROVED AREA (UNIMP. ST.): LOCATION OF TRENCH
ANY OTHER SCENARIO THAT FAILS TO MEET THE IMPROVED AREA CRITERIA(S) WILL BE
CONSIDERED AN UNIMPROVED AREA.
FOR ALL OTHER DIRECTIONS REFER TO NVE STANDARDS.
BACKFILL REQUIREMENTS NVE STD. RT-1.
TRENCH DEPTH REQUIREMENTS NVE STD. RT-5.
TRENCH DETAIL B-B
EX: 1/4\"/>

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: [Signature] DATE: 2/9/2011

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)

*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: 402-4354
LAS VEGAS SOUTH (HENDERSON): 402-8863
LAS VEGAS SOUTH (SPRING VALLEY): 402-8868

CIVIL LINETYPE LEGEND

	PROPOSED	EXISTING
CENTERLINE	---	---
PROPERTY LINE/R/W	---	---
CURB	---	---
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	---	---