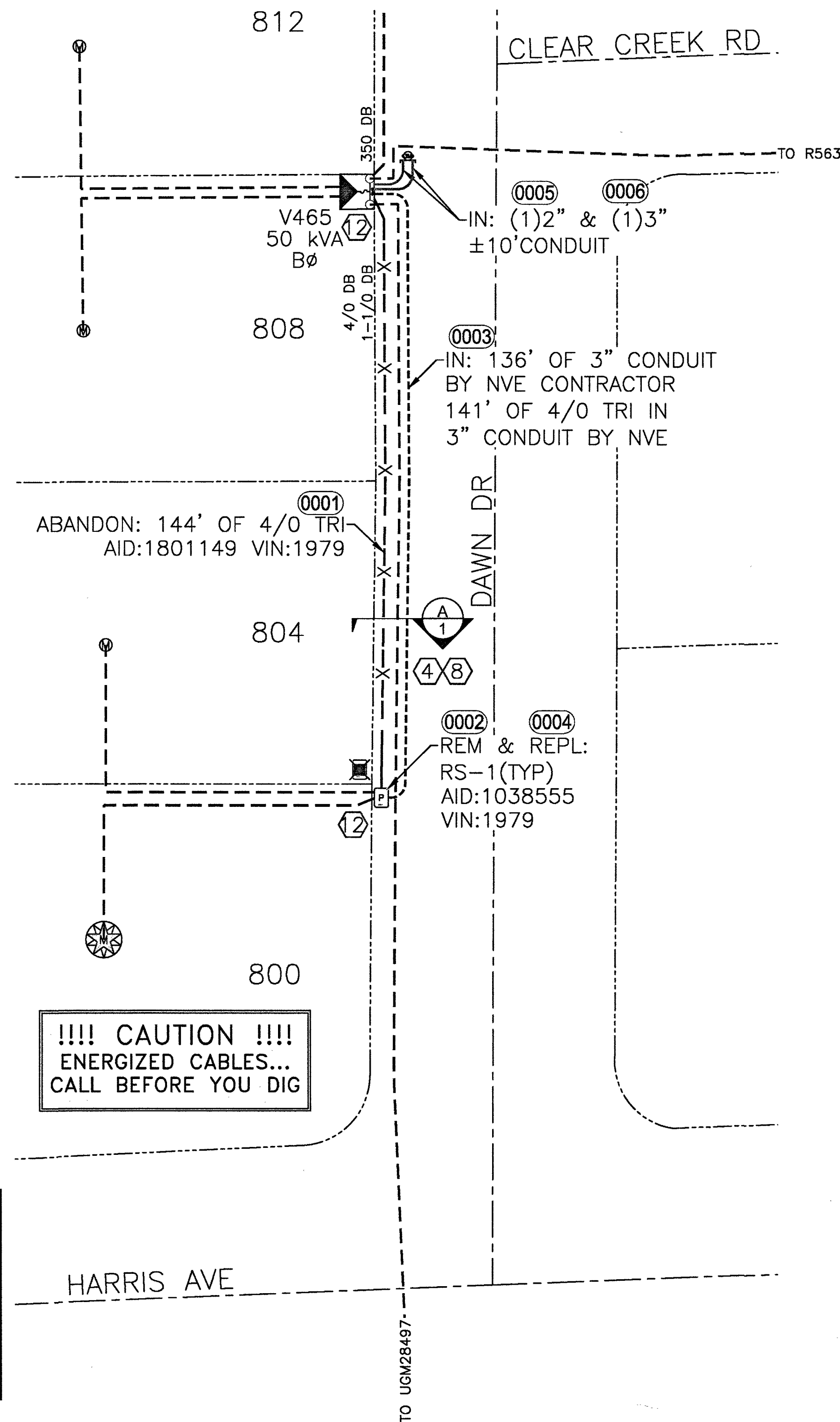




PURPOSE OF PROJECT
REPLACE A FAULTY SECONDARY CABLE
AT 800 DAWN DR

MAINTENANCE PROJECTS REQUIRE THE
USE OF SCHEDULE 40 FOR ALL 2",
3", & 4" CONDUIT. D.B. 60 IS REQUIRED
FOR ALL 6" CONDUIT. IF COILABLE CONDUIT
IS USED, IT MUST BE H.D.P.E. WITHOUT
RE-GROUND MATERIALS.

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 FOREMENTIONED
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.

NOTE: PRIOR TO THE START OF
TRENCHING CALL ALI MOHAMED
AT 702-912-9409 OR RICK BEAN
AT 702-378-1377 TO ARRANGE
A FIELD MEETING.

T,R,S: 2062-29
APN: 140-29-714-013

RETRENCH

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.
-- INSTALL NEW CABLE IN EXISTING VACANT CONDUIT.

EX.500 500 500 MCM TRIPLEX SECONDARY CABLE, CABLE IN 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.

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

CONTRACTOR TO FURNISH AND INSTALL:

ALL TRENCHING & BACKFILL, MEETING APPLICABLE NVE STANDARD
(RT-7, RT-8, OR RT-12).

-- 3" PLASTIC CONDUIT, PER NVE U.G. STD. RC-1 AND RC-2.

3" PLASTIC CONDUIT BENDS (90°, 45°) WITH 36" MIN. RADIUS.
(IF CONDUIT LENGTH IS UNDER 100')

3" 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' SPUR 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.

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