

**RETRENCH**

- NVE WORK AND SERVICES TO CONSIST OF:**
- 1/0, 15 KV AL PRIMARY CABLE IN 2" PLASTIC CONDUIT.
  - 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.
  - SINGLE PHASE PRIMARY POLE RISER PER NVE U.G. STD. DEP-105.
  - SINGLE PHASE RESIDENTIAL PADMOUNTED TRANSFORMER WITH SIZE AS NOTED, 7200-120/240V, PER NVE U.G. STD. UT-113.
  - TERMINATION OF ALL MODULES, WAKES, SPLICERS AND FINAL CONNECTIONS.
  - NVE TO PROVIDE 6" TO (3)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.
- CONTRACTOR TO FURNISH AND INSTALL:**
- ALL TRENCHING & BACKFILL, MEETING APPLICABLE NVE STANDARD (RT-1, 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", 3", OR 6" CONDUITS (AS APPLICABLE).
  - ALL SERVICE CONDUIT - 2" MINIMUM DB60 PVC GRAY (RISER: RGS REQUIRED) WITH 3/4" W/LETAPPE PULL LINE WITH A MIN. BREAKING STRENGTH OF 1250 LB.
  - 17" X 30" HANDHOLE, PER NVE U.G. STD. RS-1 (WITH 8" COLLAR WHERE APPLICABLE).
  - 3' X 7' X 4' PULLBOX PER NVE U.G. STD. RS-82.

**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 AFORESAID 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 CONTRACTOR 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. CONTRACTOR'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.

CONTRACTOR 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.

CONTRACTOR 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.

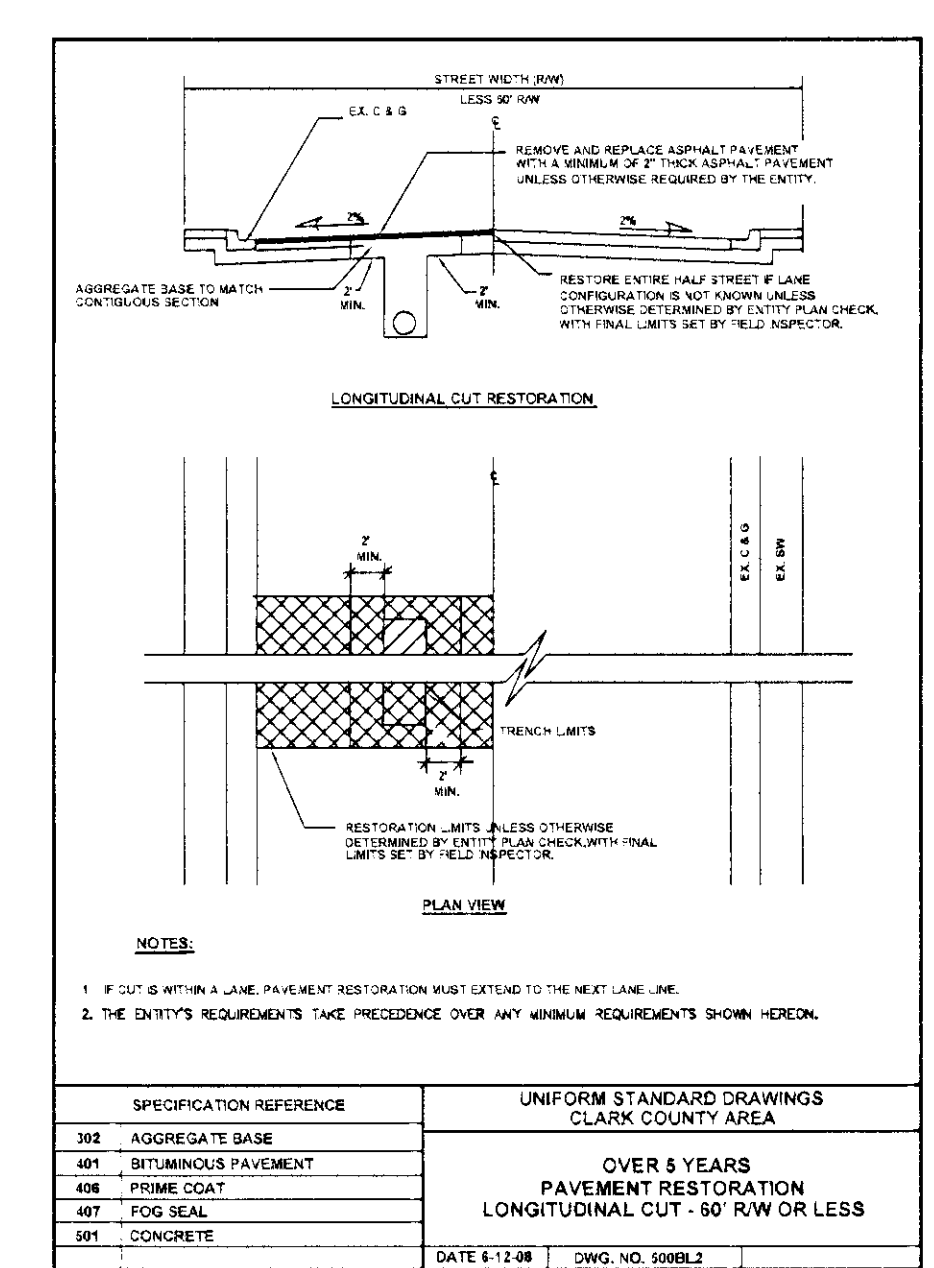
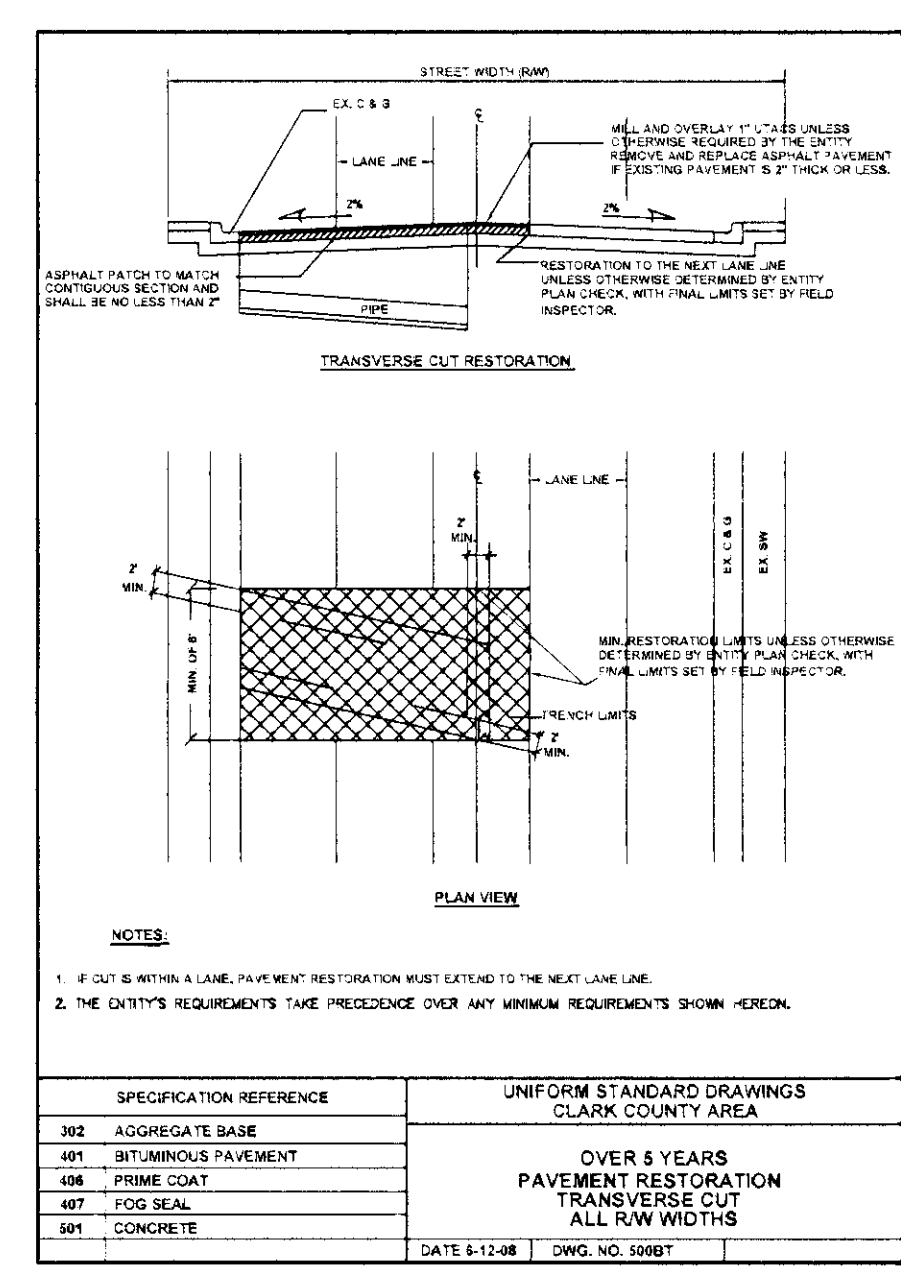
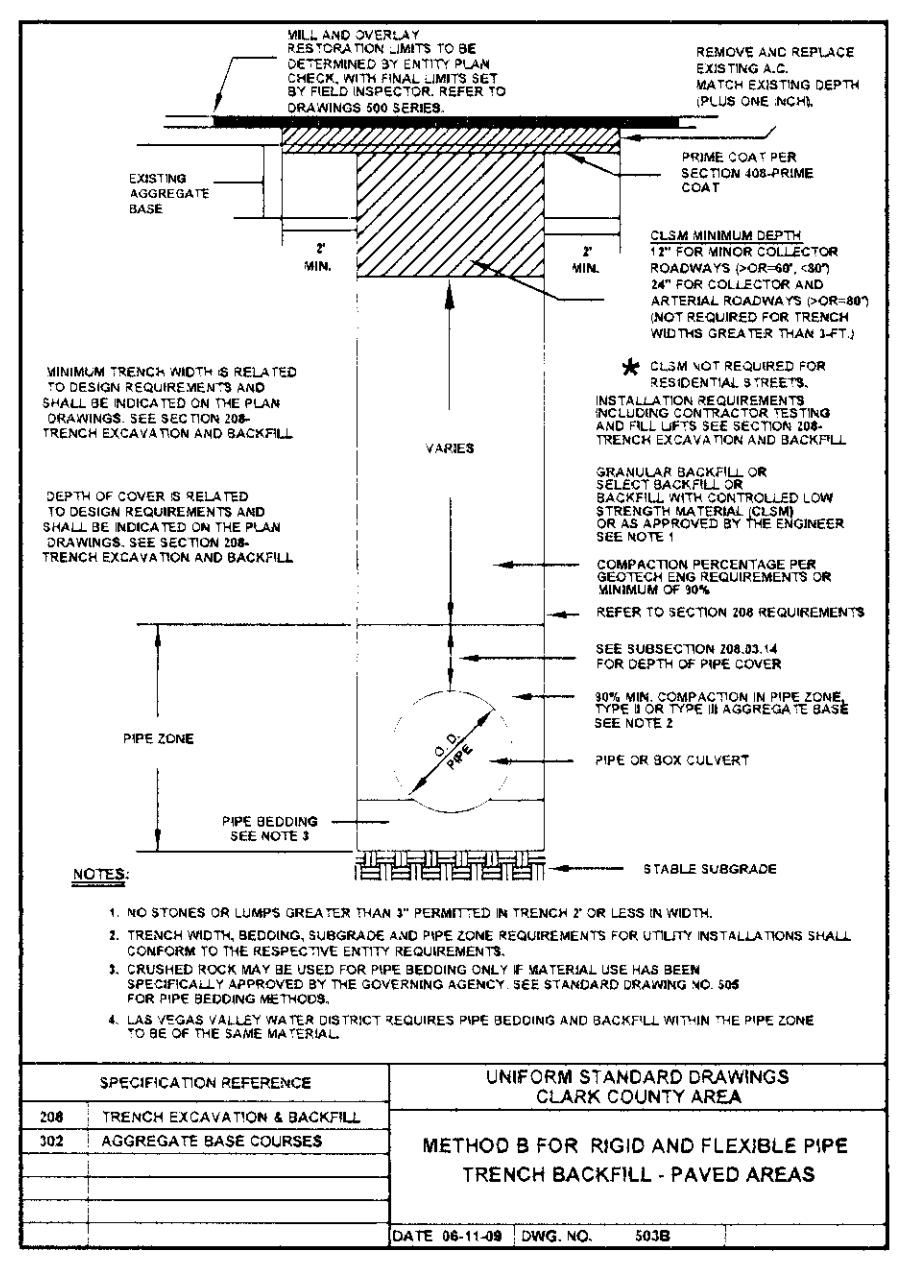
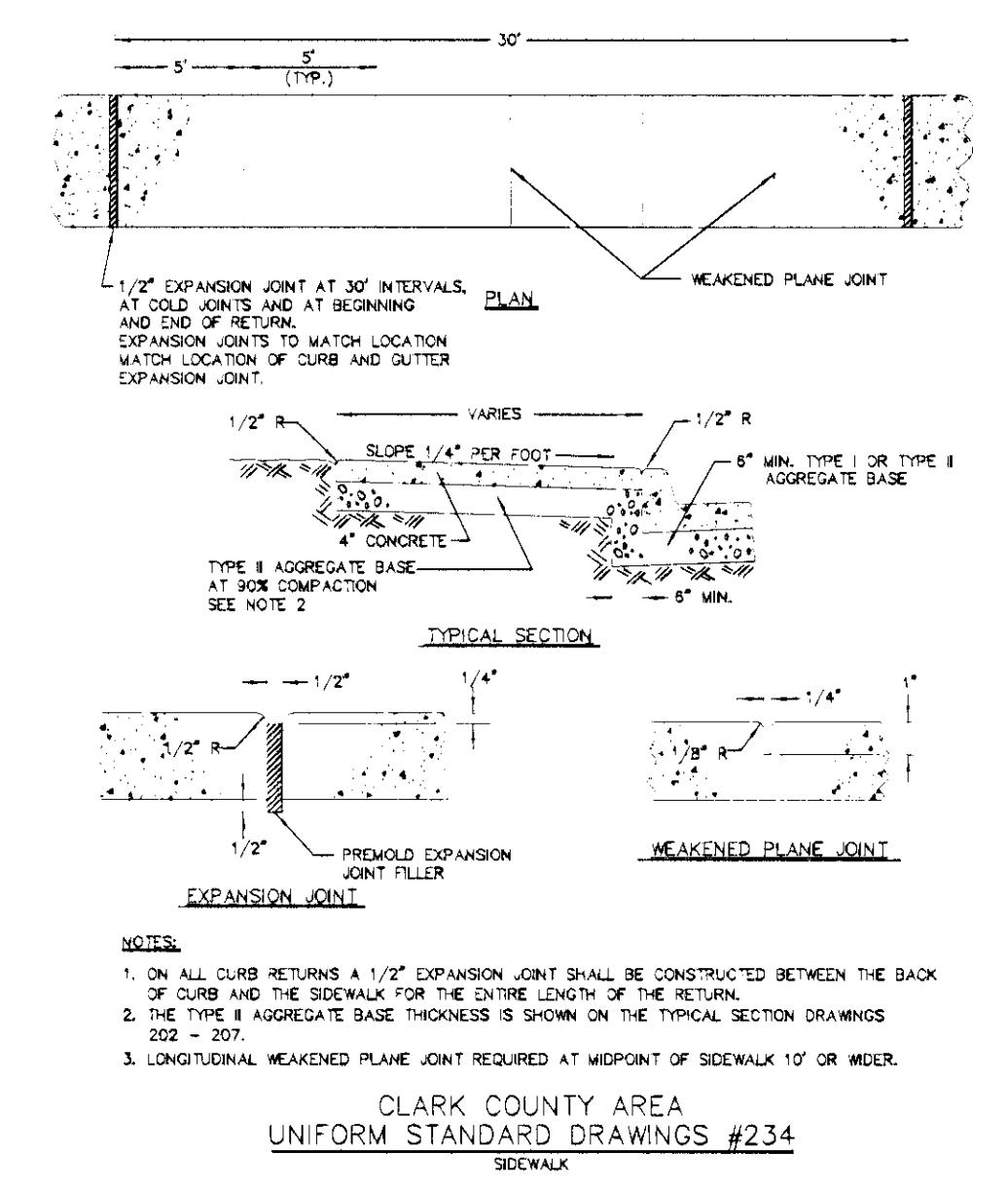
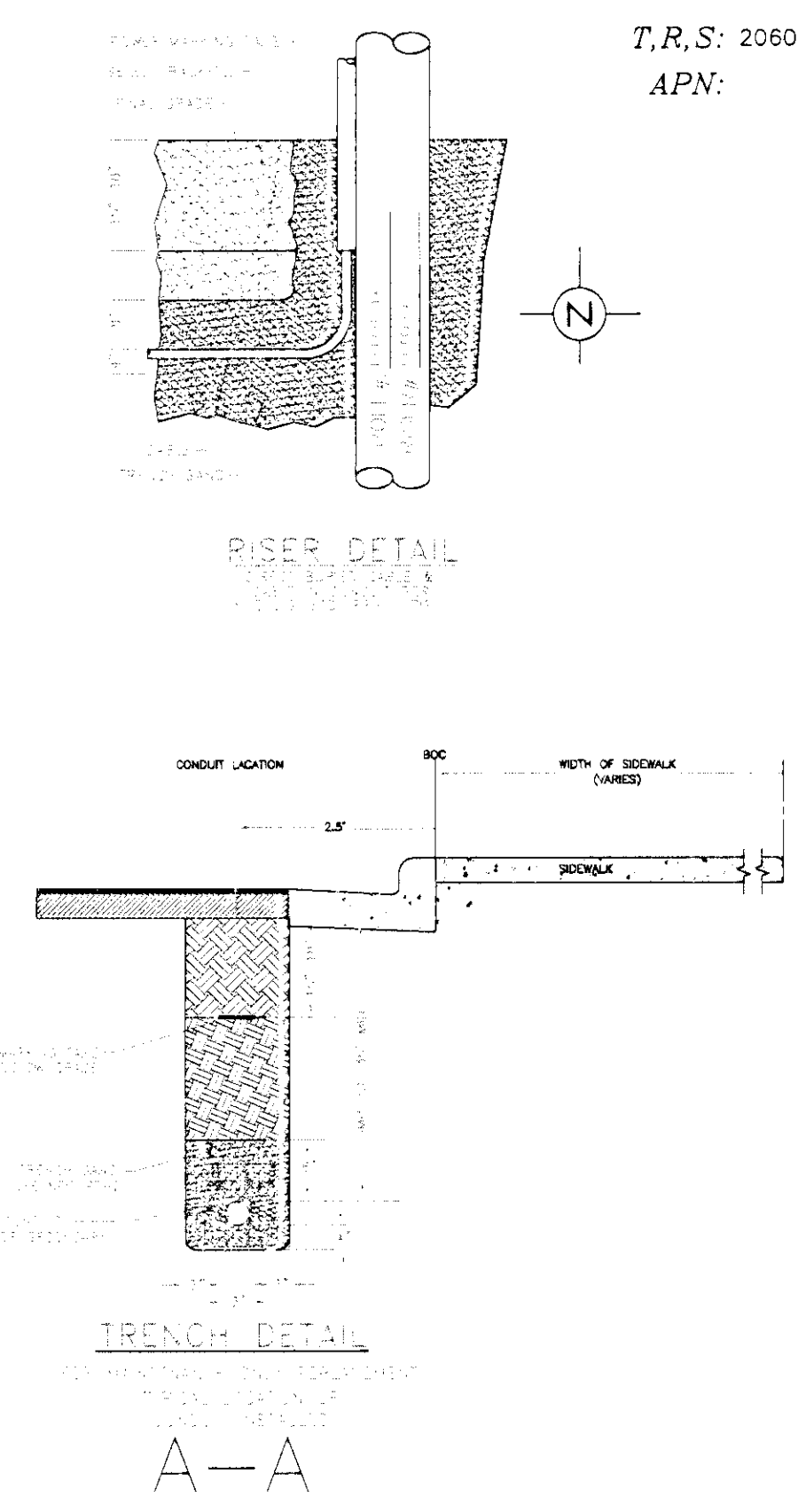
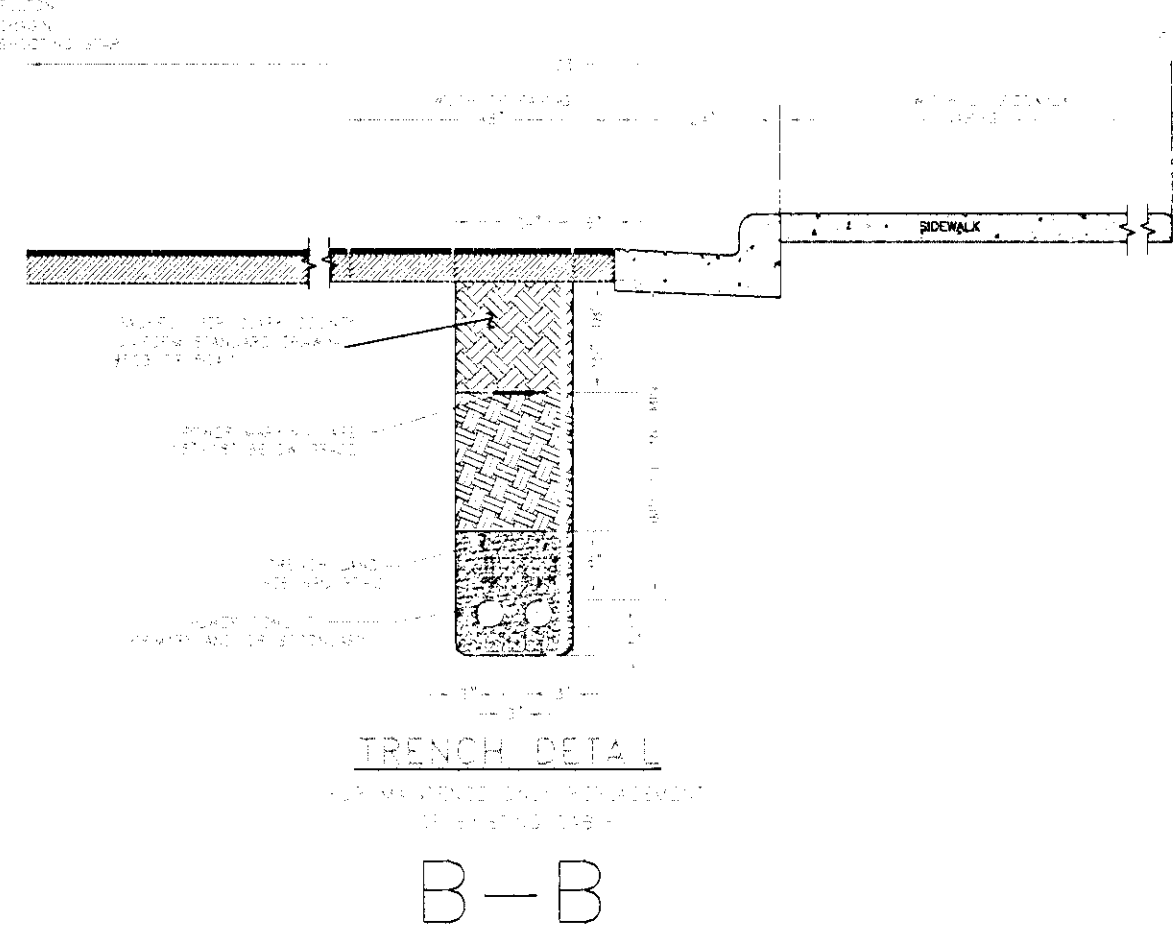
NO COVERED PARKING IN FRONT OF EQUIPMENT.

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: BORING PERMITS ARE REQUIRED WHEN GOING UNDER ALL CURB AND GUTTER AND VALLEY GUTTERS AT VARIOUS LOCATIONS ON THIS PROJECT

NOTE: PRIOR TO THE START OF TRENCHING CALL JIM COLGAN AT 702-378-1377 TO ARRANGE FOR A FIELD MEETING TO GO OVER THE PROJECT.

NOTE: FOR CITY OF LAS VEGAS PER 19.08 & 19.12 ABOVE GROUND UTILITY BOXES SHALL BE FULLY SCREENED FROM ALL RIGHTS OF WAY.



**CITY OF LAS VEGAS PERMIT REQUIRED\***

CONTACT CLV LAND DEVELOPMENT: 229-8311  
CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (229-6377)

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.

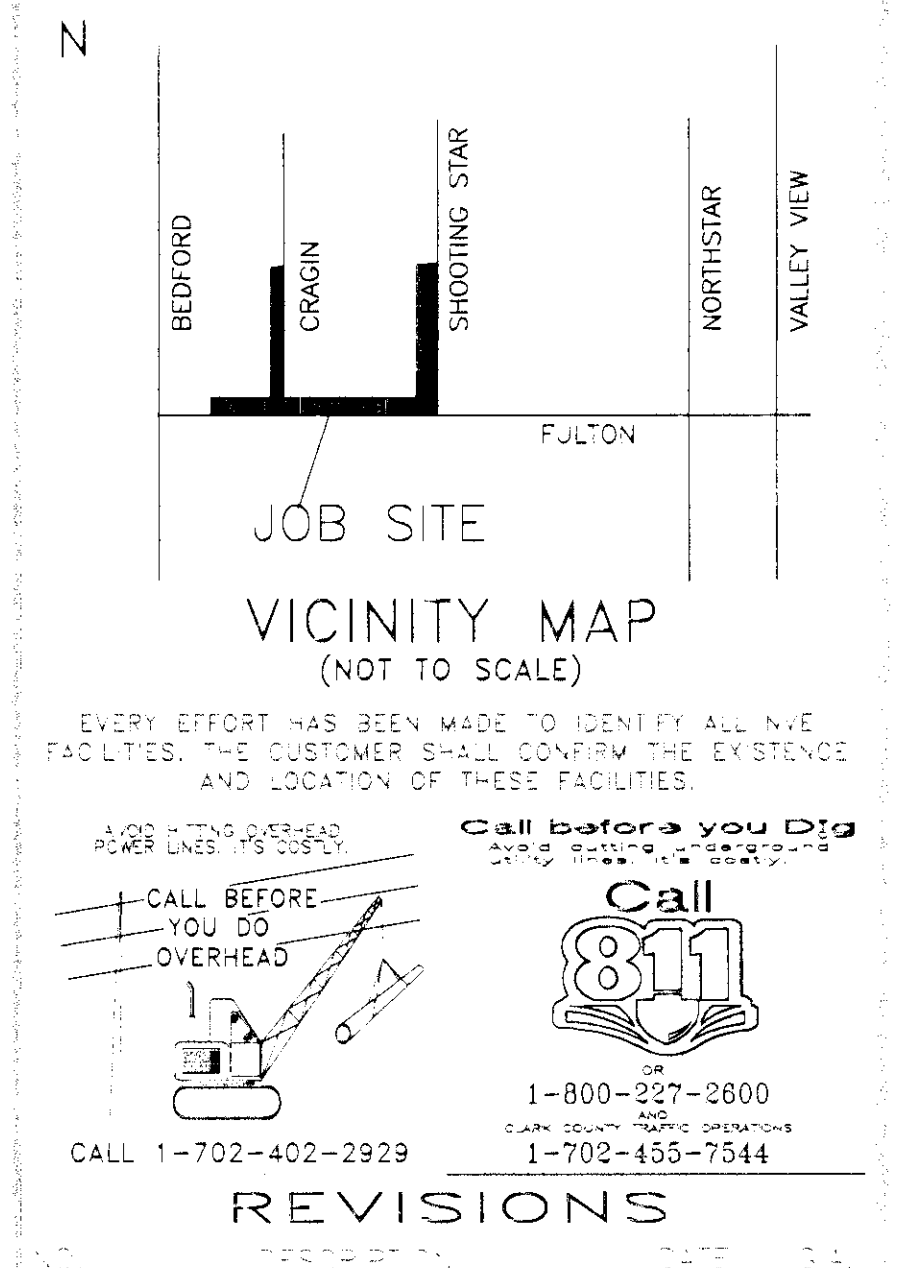
LAS VEGAS NORTH (RYAN CENTER): 402-4354  
LAS VEGAS SOUTH (BELTVA CENTER): 402-6864

**APPROVED FOR CONSTRUCTION**

THIS APPROVAL IS FOR WORK IN CLV RW & EASEMENT ONLY. OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

*[Signature]* 9/6/2011

APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_



**TYPE OF EASEMENT:**

AERIAL STANDARD 8' W-31  
UNDERGROUND AS BUILT UNDERGROUND R.O.E./R/W-5-COM  
3rd PARTY UNDERGROUND BY EXHIBIT (N-DOT) PERMIT (BLM) PERMIT  
RAILROAD-UPPER-PERMIT  
SD, NEVADA WATER PERMIT  
Misc. Info.

**JPA NOTES:**

EMBARQ 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'**

**NVE INFORMATION:**

COORDINATOR: JIM KETTERLING  
PHONE: 402-6792  
DESIGNER: JIM KETTERLING  
DCA:

INSPECTOR: 402-3008  
STAND BY: 402-6788, 402-6795, 402-6840  
DISTRICT: LAS VEGAS SOUTH

**CUSTOMER INFORMATION:**

PROJECT: \_\_\_\_\_  
ENGINEER: \_\_\_\_\_  
CONTRACT: \_\_\_\_\_  
APPROVAL DATE: \_\_\_\_\_

**GOVERNMENT INFORMATION:**

AGENCY: CITY OF LAS VEGAS  
APPROVAL DATE: \_\_\_\_\_

FOR DRAWER, REPORT TO UTILITY ENGINEER FOR BACKLASH/REPAIRS TO BE REPAIRED TO POLYMER BITUMINOUS PAVEMENT. ALL REPAIRS SHALL BE MADE WITHIN THE SAME DISTRICT. REPAIRS SHALL BE MADE WITHIN THE SAME DISTRICT. REPAIRS SHALL BE MADE WITHIN THE SAME DISTRICT.

**NVEnergy**

RETRENCH 705 CRAGIN PARK  
705 CRAGIN PARK

1442816 DWG # 107U 5670 - PWR  
PROD. # M39235 SCALE: 1" = 20'  
SHEET # 2 2 DATE: 07/25/2011

Sharing of this drawing and the information contained herein shall be only to individuals/entities 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.