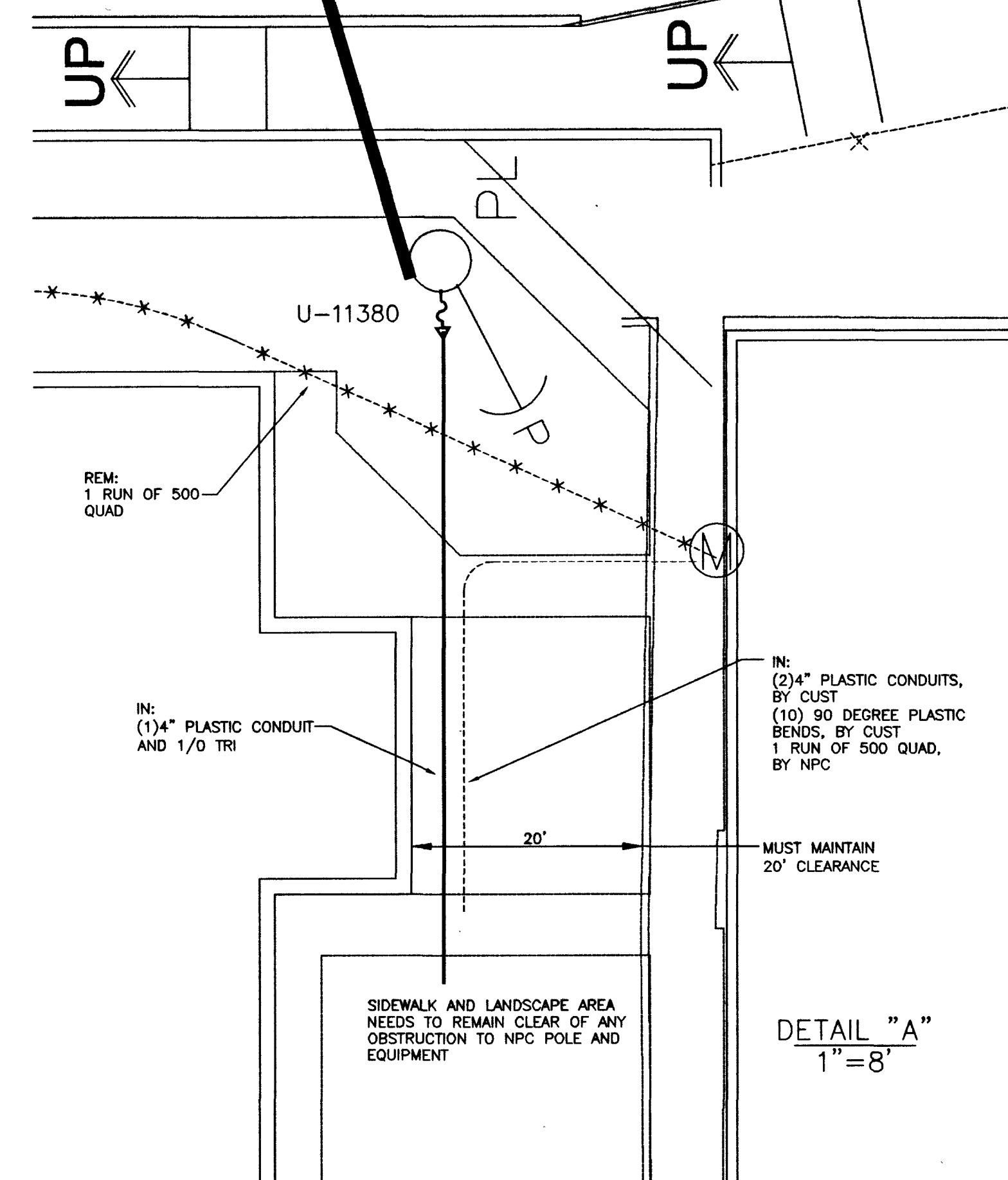
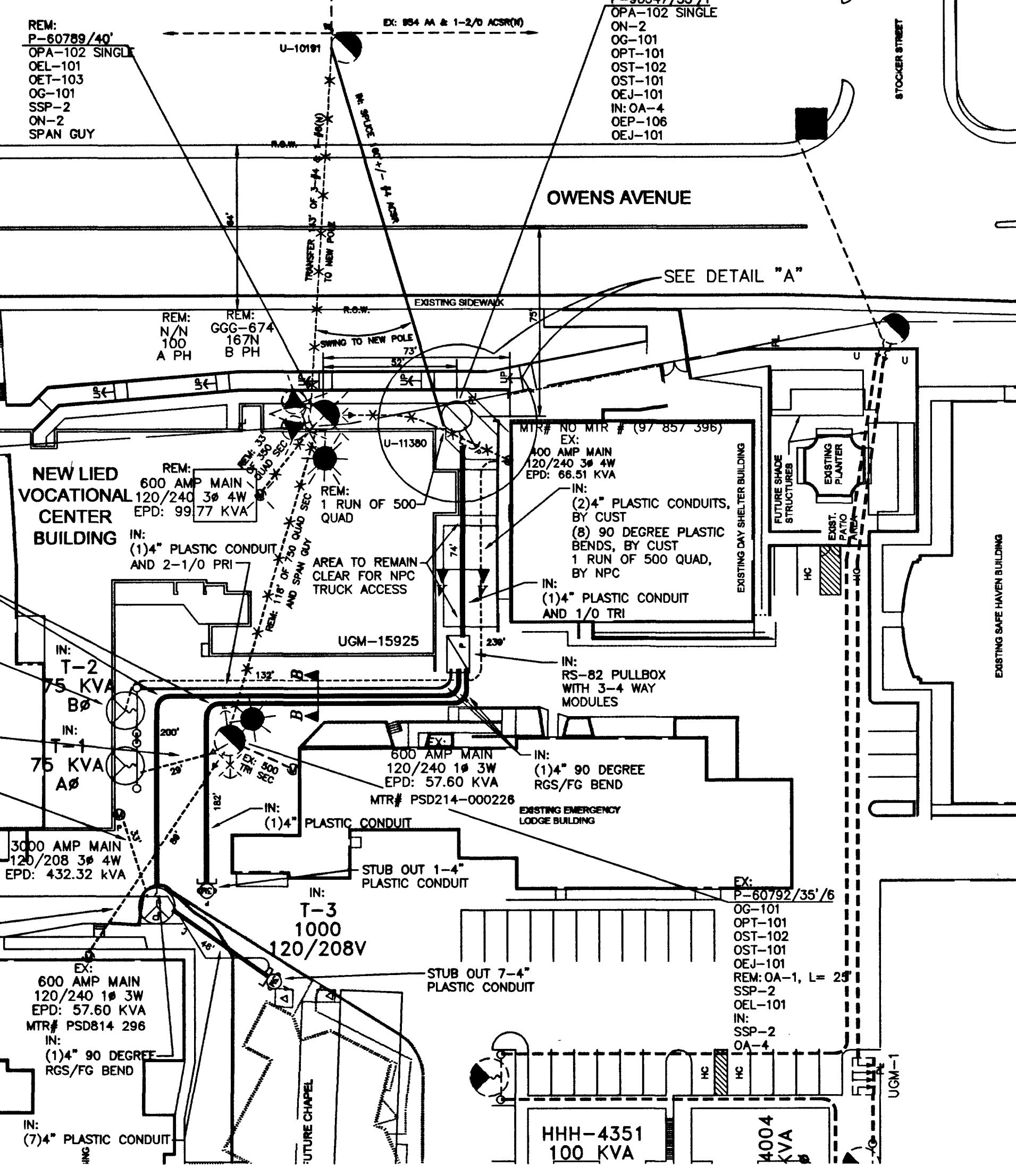




- COMMERCIAL**
- EXIST. NEW**
- NPC WORK AND SERVICES TO CONSIST OF:**
- 1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
  - 1/0, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
  - CONDUIT LOCATING DEVICE 18" ABOVE STUBOUT.
  - SINGLE PHASE PRIMARY POLE RISER PER NPC U.G. STD. OEP-105.
  - THREE PHASE PRIMARY POLE RISER PER NPC U.G. STD. OEP-106.
  - SECONDARY RISER PER NPC U.G. STD. SSP-2.
  - SINGLE PHASE PADMOUNTED COMMERCIAL TRANSFORMER WITH SIZE AS NOTED, 7200-120/240V, PER NPC U.G. STD. UT-105.
  - (2) SINGLE PHASE PADMOUNTED COMMERCIAL TRANSFORMERS WITH SIZE AS NOTED, 7200-120/240V, CONNECT OPEN WYE-OPEN DELTA FOR THREE PHASE 120-240V SERVICE, PER NPC U.G. STD. UT-107, WHERE APPLICABLE.
  - (3) SINGLE PHASE PADMOUNTED COMMERCIAL TRANSFORMERS WITH SIZE AS NOTED, 7200-120/240V, CONNECT CLOSED WYE-CLOSED DELTA FOR THREE PHASE 120-240V SERVICE, PER NPC U.G. STD. UT-109, WHERE APPLICABLE.
  - THREE PHASE COMMERCIAL PADMOUNTED TRANSFORMER WITH SIZE & VOLTAGE AS NOTED, PER NPC U.G. STD. UT-101, WHERE APPLICABLE.
  - TERMINATION OF ALL MODULES, MAKES, SPLICES AND FINAL CONNECTIONS.
  - NPC TO COIL PRIMARY CABLE IN PULLBOX FOR FUTURE SPLICES, WHERE APPLICABLE.
  - NPC TO CUT EXISTING CONDUIT AND TERMINATE PRIMARY CABLES ON THE LOAD BREAK MODULE, WHERE APPLICABLE.
  - SERVICE CABLE BY NPC UNLESS NOTED OTHERWISE.
- APPLICANT TO FURNISH AND INSTALL:**
- ALL TRENCHING & BACKFILL, MEETING APPLICABLE NPC STANDARD (RT-7, RT-8, OR RT-12).
  - 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')
  - COUPLING FOR 2", 4", OR 6" CONDUITS (AS APPLICABLE).
  - ALL SERVICE CONDUIT - 4" MINIMUM DB60 PVC GRAY (RISER: SCH. 40 U.G. AND SCH. 80 ABOVE GROUND) WITH 5/32" POLYPROPYLENE PULL LINE WITH A MIN. BREAKING STRENGTH OF 480lbs.
  - 2'-6" X 4' X 4' SPLICE PULLBOX PER NPC U.G. STD. RS-80.
  - 3' X 7' X 4' PULLBOX PER NPC U.G. STD. RS-82.
  - PAD FOR (1) SINGLE PHASE COMMERCIAL TRANSFORMER, PER NPC U.G. STD. RS-19 AND RS-5.
  - PAD FOR (2) SINGLE PHASE COMMERCIAL TRANSFORMERS, PER NPC U.G. STD. RS-20 AND RS-5.
  - PAD FOR (3) SINGLE PHASE COMMERCIAL TRANSFORMERS, PER NPC U.G. STD. RS-21 AND RS-5.
  - PAD FOR (1) THREE PHASE COMMERCIAL TRANSFORMER, PER NPC U.G. STD. RS-35, RS-37, RS-40 OR RS-41, AND RS-5.
  - VEHICLE PROTECTIVE BARRIERS PER NPC U.G. STD. RS-6, WHERE APPLICABLE.

**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.

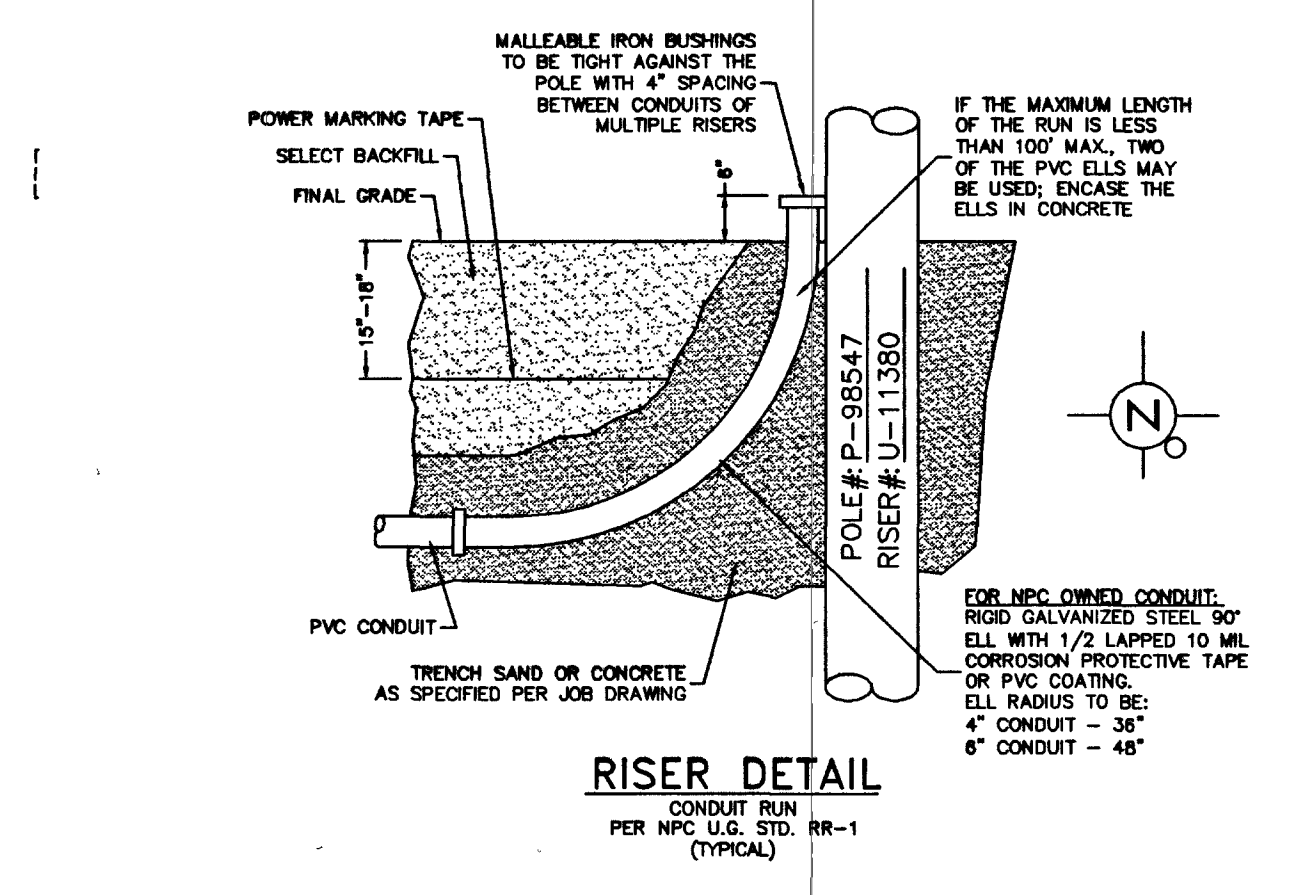
WHEN INSTALLING CONDUIT IN FIELD, USE APPROPRIATE BENDS TO COMPLETE THE INSTALLATION.

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.



**RISER DETAIL**

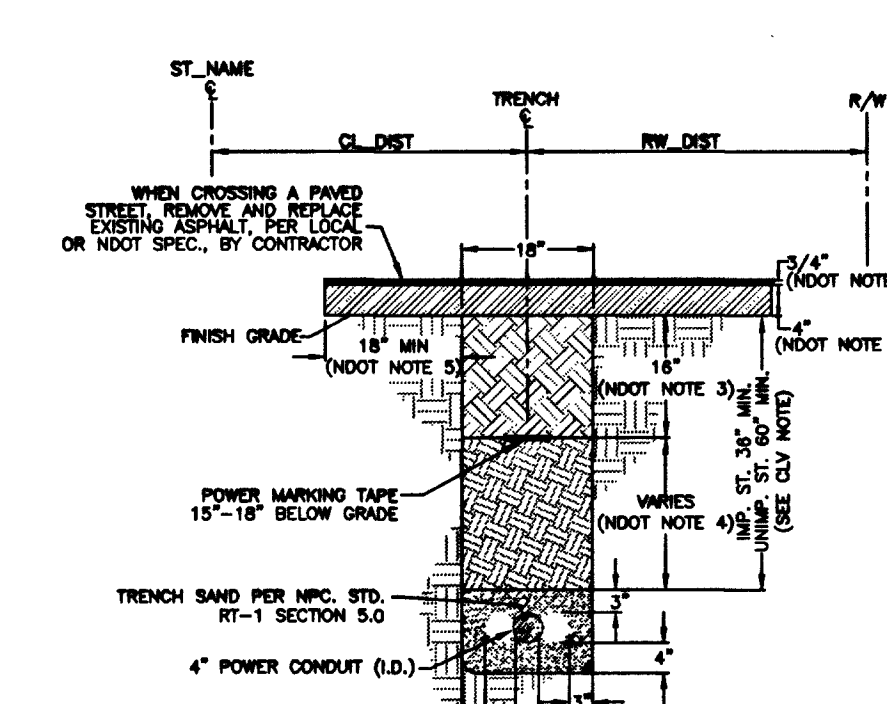
**CITY OF LAS VEGAS PERMIT REQUIRED\***

CONTACT CLV LAND DEVELOPMENT (229-6371)  
CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (229-6337)

\*NPC INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALKS.

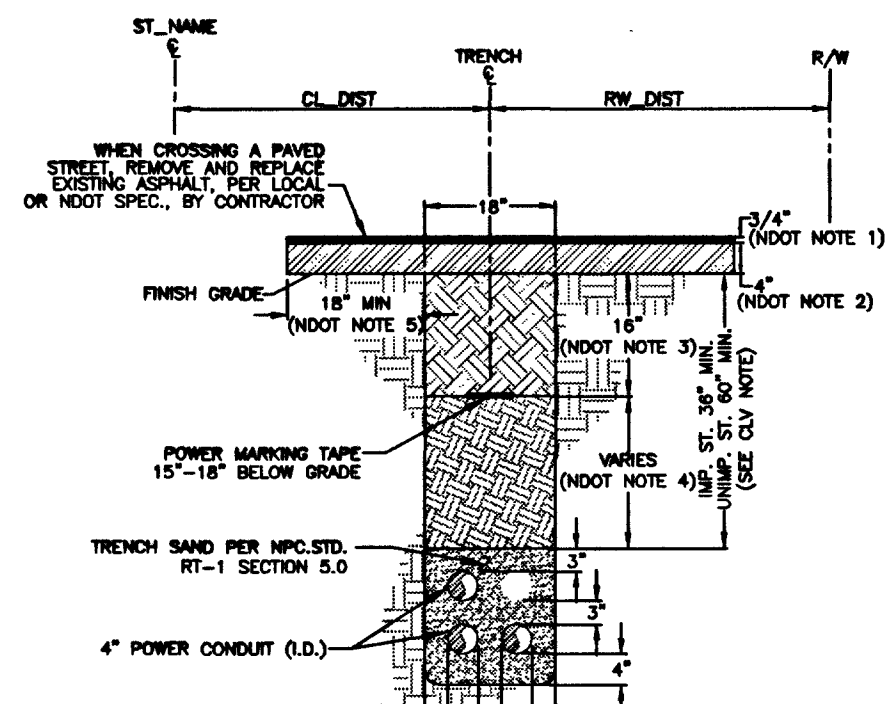
LAS VEGAS NORTH: 857-4354  
LAS VEGAS SOUTH (HENDERSON): 556-4740  
LAS VEGAS SOUTH (SPRING VALLEY): 252-4828

**PURPOSE OF PROJECT:**  
PROVIDE THREE SERVICE AND REFEED EXISTING SINGLE & THREE PHASE SERVICES



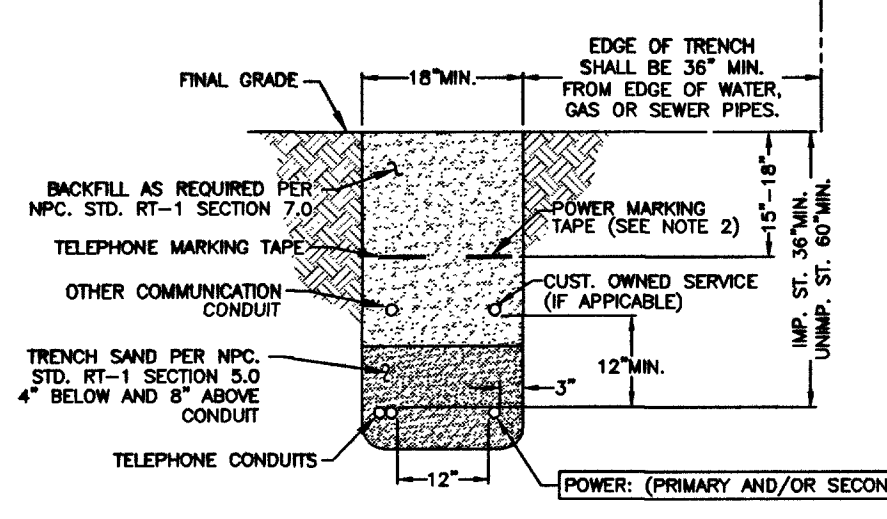
**TRENCH DETAIL**

TRENCH DETAIL A-A



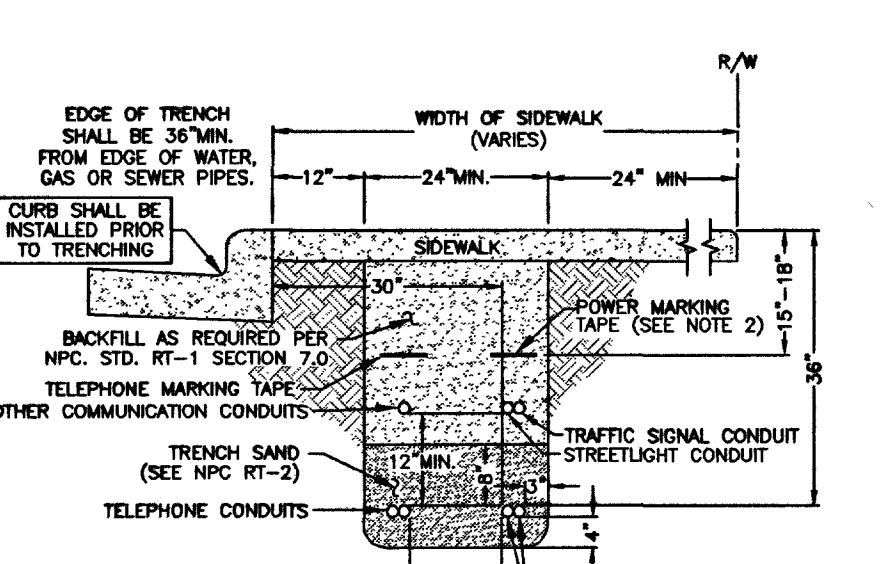
**TRENCH DETAIL**

TRENCH DETAIL B-B



**TRENCH DETAIL**

(RESIDENTIAL AND COMMERCIAL)



**SIDEWALK TRENCH DETAIL**

(RESIDENTIAL OR COMMERCIAL)

CUSTOMER SHOULD NOT START BUILDING CONSTRUCTION UNTIL NPC OVERHEAD FACILITIES ARE INSTALLED

**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.

CALL BEFORE YOU DIG  
CALL 1-702-227-2929

1-800-227-2600  
UNDERGROUND SERVICE (USA)

**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 SO. NEVADA WATER PERMIT NOT REQUIRED Misc. Info.

**JPA NOTES:**

SPRINT CONTACT: DOUG HATZENB  
PHONE NUMBER: 244-7879  
DATE OF CONTACT: 06/27/2003

NPC TO SET NEW POLES  
NPC TO STAKE NEW POLES  
NPC TO PROVIDE 1 POLES  
1 55 FT. CLASS 1  
FT. CLASS  
NPC TO DIG POLE HOLES  
NPC TO REMOVE EX. POLES

JPA#: P200300133

**NPC INFORMATION:**

COORDINATOR: PATRICIA BROWN  
PHONE: 657-4335  
DESIGNER: DARRYL THOMAS  
DCA:  
INSPECTOR: 378-3690  
SCHEDULING: 657-4114, 657-4116, 657-4118  
DISTRICT: LAS VEGAS

**CUSTOMER INFORMATION:**

DEVELOPER: BRESLIN-FRED  
ENGINEER:  
CONTACT: 9/4/03  
APPROVAL DATE:

**GOVERNMENT INFORMATION:**

AGENCY: CITY OF LAS VEGAS  
APPROVAL DATE: 11/14/13

**NEVADA POWER COMPANY**

**SALVATION ARMY SHELTER**

107 V 383 2 - NPC

PROJ. ID: 172603 SCALE: 1" = 40'  
SHEET # 1 OF 1 DATE: 06/26/2003