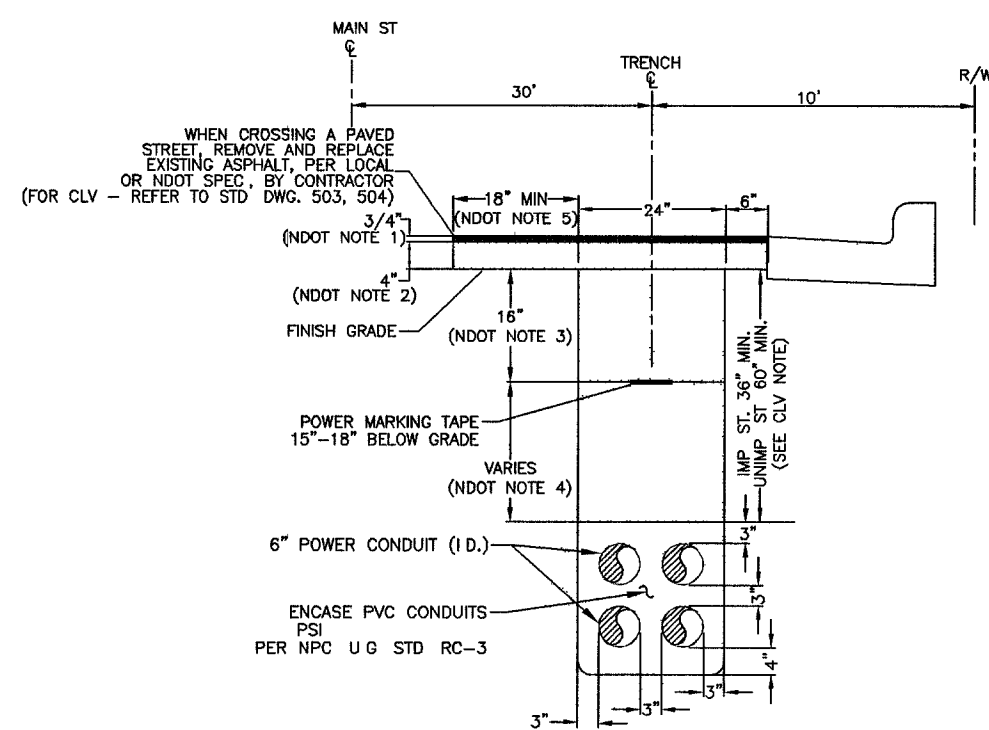
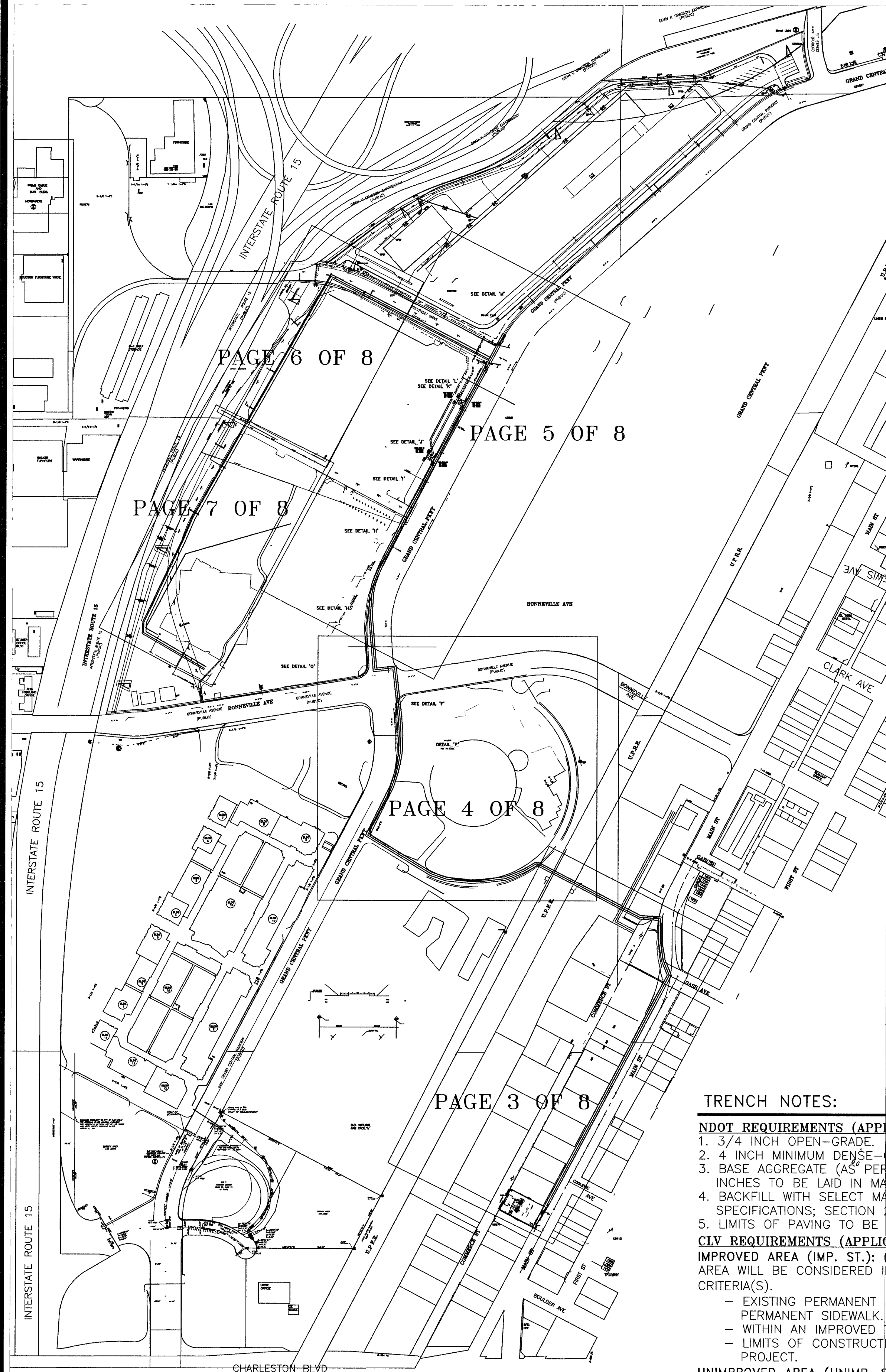
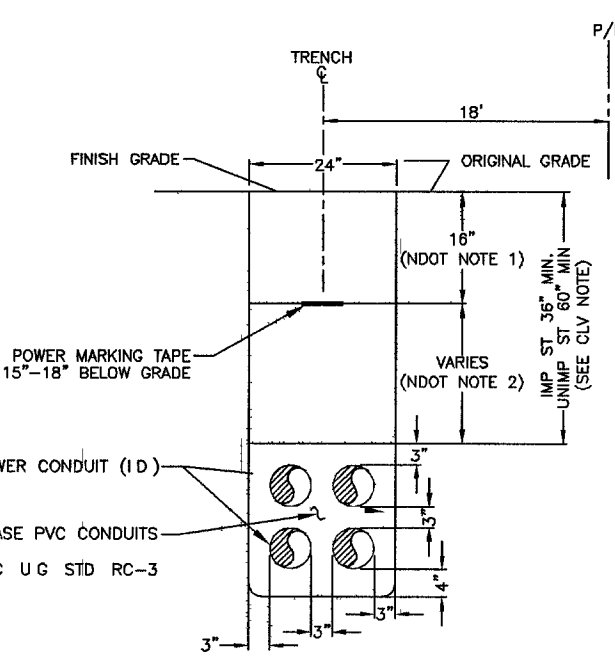


OVERALL PROJECT
-NOT TO SCALE-

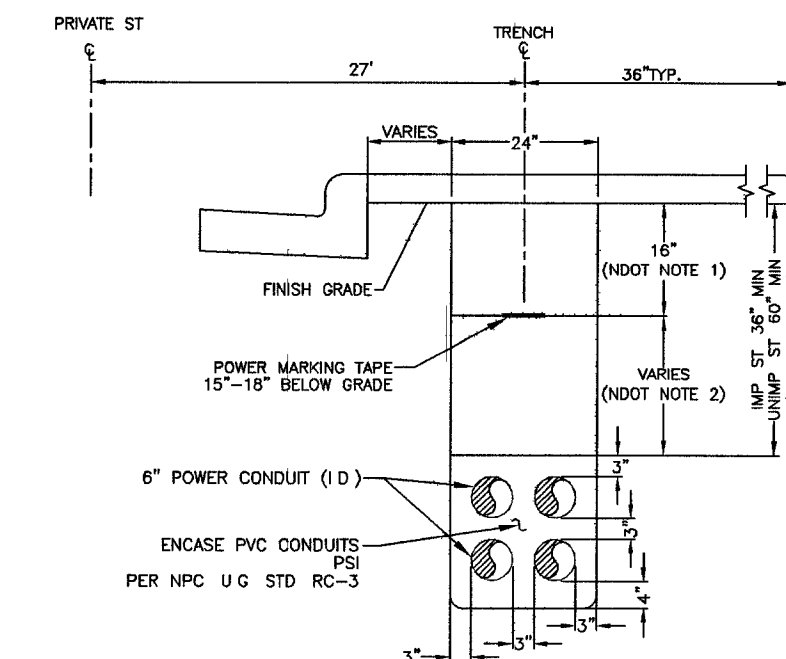
T,R,S: 2061-33
APN:



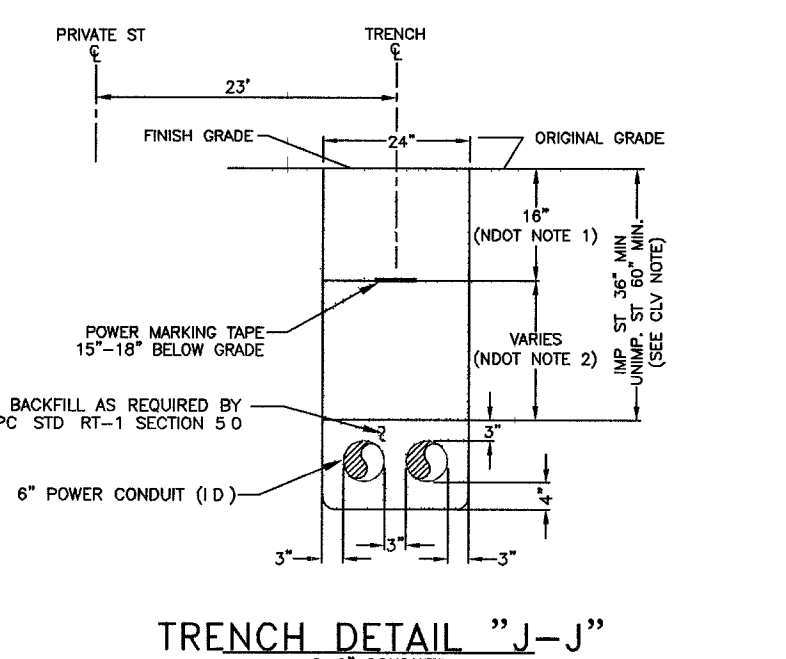
TRENCH DETAIL "A-A"



TRENCH DETAIL "C-C"



TRENCH DETAIL "H-H"

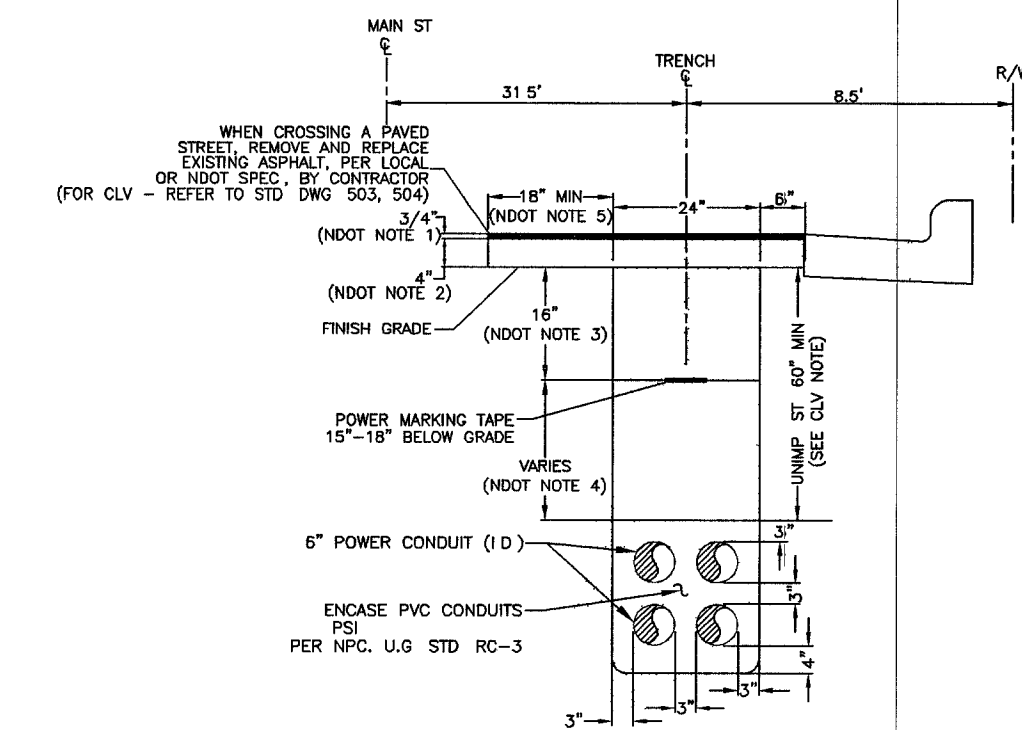


TRENCH DETAIL "J-J"

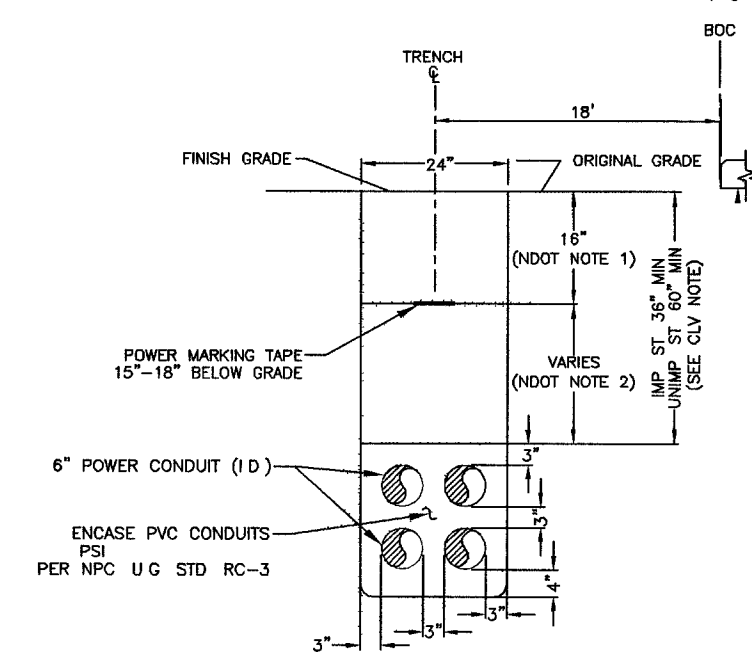
TRENCH NOTES:

- NDOT REQUIREMENTS (APPLICABLE WITHIN NDOT RIGHT-OF-WAY ONLY):**
- 3/4 INCH OPEN-GRADE.
 - 4 INCH MINIMUM DENSE-GRADE OR MATCH EXISTING, WHICHEVER IS GREATER.
 - BASE AGGREGATE (AS PER NDOT SPECIFICATIONS; SECTION 704). A MINIMUM OF 16 INCHES TO BE LAID IN MAXIMUM 8 INCH LOOSE LIFTS. 95% COMPACTION REQUIRED.
 - BACKFILL WITH SELECT MATERIAL TO BOTTOM OF BASE AGGREGATE (AS PER NDOT SPECIFICATIONS; SECTION 207). 90% COMPACTION REQUIRED.
 - LIMITS OF PAVING TO BE DETERMINED BY THE INSPECTOR.
- CLV REQUIREMENTS (APPLICABLE WITHIN CITY OF LAS VEGAS LIMITS ONLY):**
- IMPROVED AREA (IMP. ST.): (LOCATION OF TRENCH)
AREA WILL BE CONSIDERED IMPROVED IF IT MEETS ONE OR MORE OF THE FOLLOWING CRITERIA(S).
- EXISTING PERMANENT PAVEMENT WITH CURB & GUTTER AND/OR ADJACENT PERMANENT SIDEWALK.
 - WITHIN AN IMPROVED TRAIL AREA.
 - LIMITS OF CONSTRUCTION INSTALLED CONCURRENT WITH A PRIVATE OR PUBLIC PROJECT.
- 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.

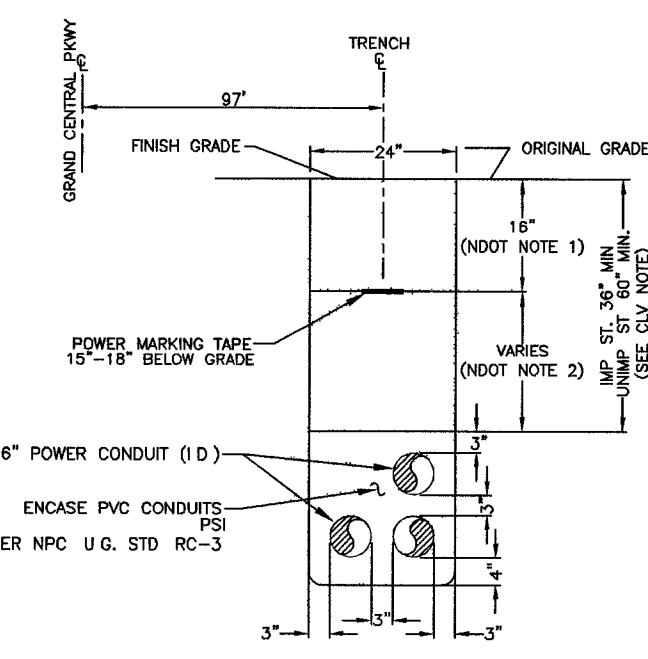
NPC REQUIREMENTS:
FOR ALL OTHER JURISDICTIONS REFER TO NPC STANDARDS.
BACKFILL REQUIREMENTS NPC. STD. RT-1.
TRENCH DEPTH REQUIREMENTS NPC. STD. RT-5.



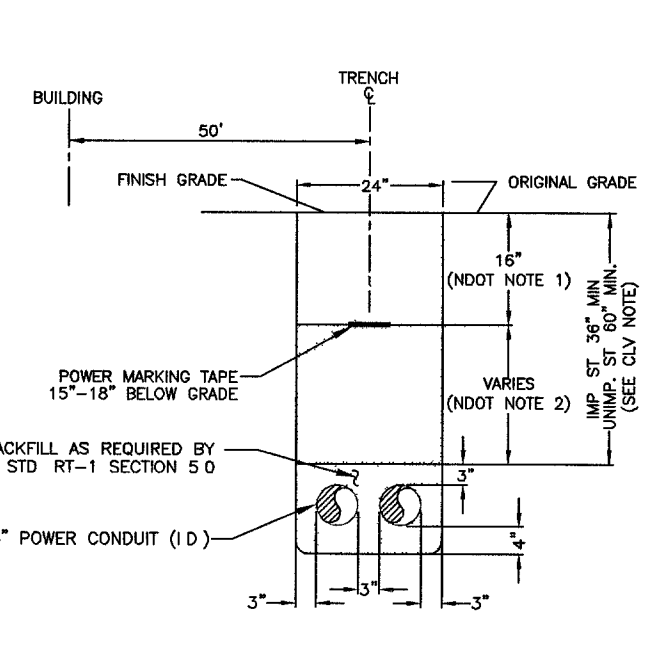
TRENCH DETAIL "B-B"



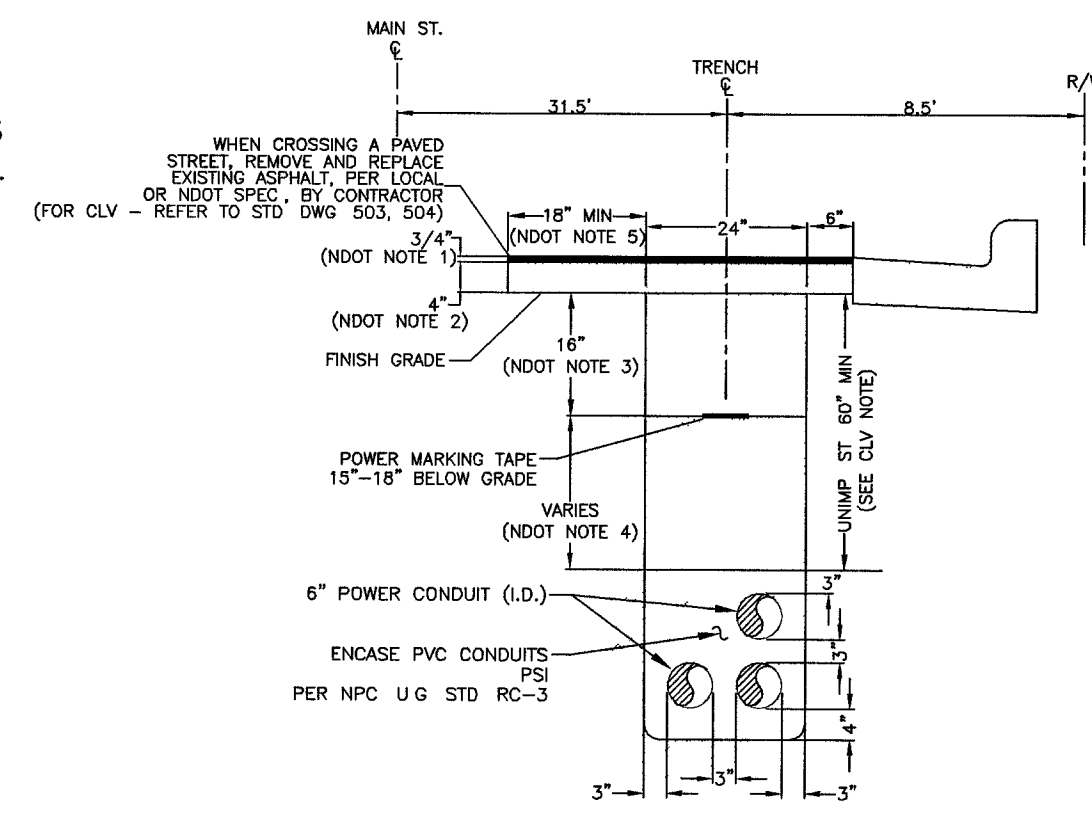
TRENCH DETAIL "D-D"



TRENCH DETAIL "G-G"



TRENCH DETAIL "K-K"



TRENCH DETAIL "E-E"

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 AFORESAID 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 ENSURE 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 SPECIFICATIONS 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.

COMMERCIAL WITH FEEDER

NPC 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 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.
- 600 AMP THREE PHASE, 12.47 KV PRIMARY POLE RISER PER NPC U.G. STD. OEP-101.
- SECONDARY RISER PER NPC U.G. STD. SSP-2.
- SWITCHES (PMH-2, PMH-4, PMH-9, PMH-10, PMH-11, PMH-12).
- 5' X 10'-6" X 7' MANHOLE, PER NPC U.G. STD. RS-94.
- 1200KVAR CAPACITOR BANK PER NPC U.G. STD. UC-101.
- SINGLE PHASE COMMERCIAL PADMOUNTED 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.

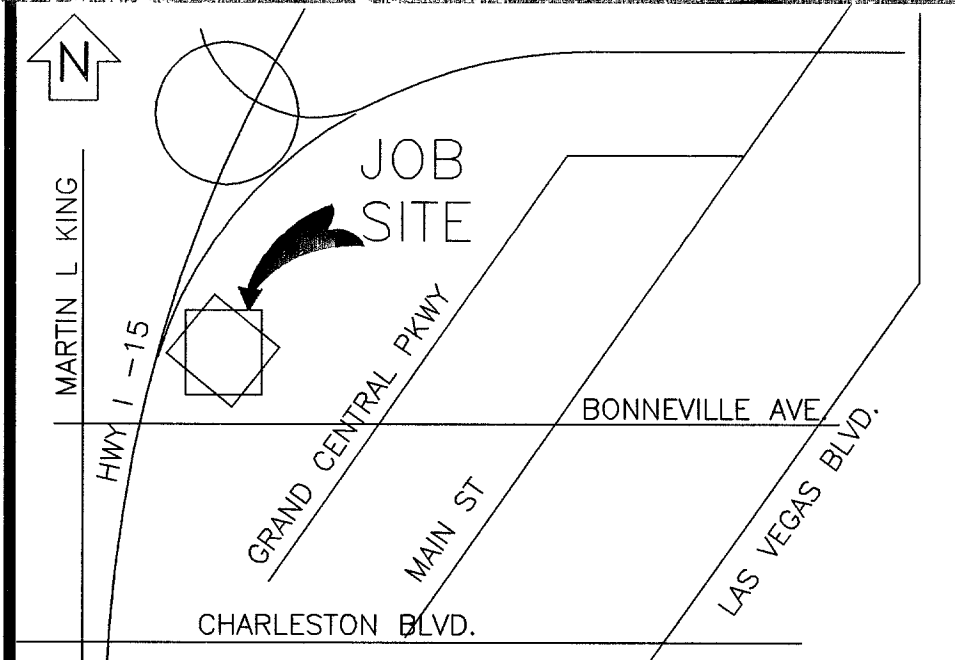
APPLICANT TO FURNISH AND INSTALL:

- ALL TRENCHING & BACKFILL, MEETING APPLICABLE NPC STANDARD (RT-5, RT-7, OR RT-12).
- 6" PLASTIC CONDUIT, PER NPC U.G. STD. RC-1 AND RC-2.
- 6" RGS BENDS (90°, 45°) WITH 48" MIN. RADIUS, TAPED OR PVC COATED.
- 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 4" OR 6" CONDUITS (AS APPLICABLE).
- ALL SERVICE CONDUIT - 4" MINIMUM DRIP PVC GRAY (RISER: RGS REQUIRED) WITH 5/32" POLYPROPYLENE PULL LINE WITH A MIN. BREAKING STRENGTH OF 1250 lbs.
- 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.
- 5' X 10'-6" X 7' MANHOLE FOR SWITCH, PER NPC U.G. STD. RS-98, RS-99, RS-100, OR RS-101.
- VEHICLE PROTECTIVE BARRIERS PER NPC U.G. STD. RS-6, WHERE APPLICABLE.

CIVIL LINETYPE LEGEND

	PROPOSED	EXISTING
CENTERLINE	---	---
PROPERTY LINE/ROW	---	---
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	---	---

+ LINETYPES UTILIZED WHERE CONFLICT OCCURS WITH NPC FACILITIES



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.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DIG OVERHEAD
CALL 1-702-227-2929

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

REVISIONS

NO.	DESCRIPTION	DATE	G.A.

TYPE OF EASEMENT:	JPA NOTES:
☐ AERIAL STANDARD	☐ SPRINT CONTACT: N/A
☐ R/W-31	☐ PHONE NUMBER:
☐ UNDERGROUND	☐ DATE OF CONTACT:
☐ AS BUILT UNDERGROUND	☐ TO SET NEW POLES
☐ R.O.E./R/W-5-COM	☐ TO STAKE NEW POLES
☐ 3rd PARTY	☐ TO PROVIDE POLES
☐ UNDERGROUND BY EXHIBIT (N-DOT) PERMIT	☐ FT. CLASS
☐ (BLM) PERMIT	☐ FT. CLASS
☐ RAILROAD-UPRR-PERMIT	☐ TO DIG POLE HOLES
☐ SO. NEVADA WATER PERMIT	☐ TO REMOVE EX. POLES
☐ Misc Info	☐ JPA#:

NPC INFORMATION:

COORDINATOR: PARICIA BROWN
PHONE: 657-4335
DESIGNER: JORGE NAJERA
DCA:
INSPECTOR: 378-3712
SCHEDULING: 657-4114, 657-4116, 657-4118

DISTRICT: LAS VEGAS

CUSTOMER INFORMATION:

APPLICANT: WORLD MARKET CENTER
ENGINEER:
CONTACT: ROBERT HOLGATE
APPROVAL DATE: 6/13/05

GOVERNMENT INFORMATION:

AGENCY: CITY OF LAS VEGAS
APPROVAL DATE: 10-24-05

NEVADA POWER COMPANY

107V3916-2-NPC
WORLD MARKET CENTER PH 2
BONNEVILLE AND GRAND CENTER

PROJ ID: 178265 SCALE: 1" = 50'
SHEET #: 1 OF 8 DATE: 02/15/2005