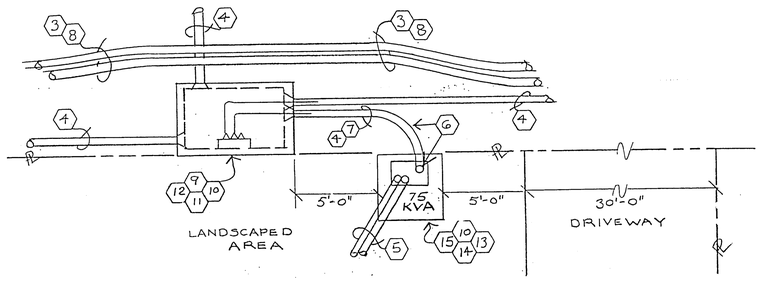


DETAIL "B"
SCALE 1" = 4'-0"

"A" MATCH LINE SEE SHEET 2 OF 2 "A"

TENAYA WAY

SEE DETAIL "C"

35'±

4" 180'± 1-1/0 GC

PULL

CHEYENNE AVE

30'

50'

STUB 2' PAST P/L

SEE DETAIL "B"

75 KVA

GOOA 1-M
1Ø EPO=69KVA

EXIST 2-6"C

1-1/0 4C

410'±

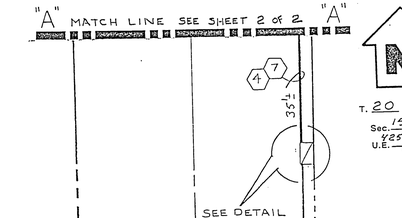
100' 4C

FUTURE RESCUE BAY

CITY OF LAS VEGAS
FIRE STATION #42

FUEL PUMP

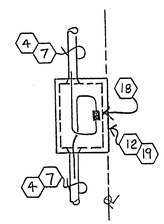
INDEVELOPED



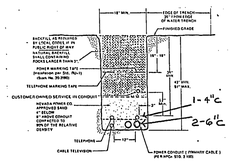
VICINITY MAP
N.T.S.

NOTES:

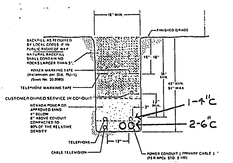
1. STUB OUT 2 - 6" CONDUITS 2' PAST PROPERTY LINE & TAPE END WATERTIGHT & MARK FOR LOCATION, BY NPC.
2. STUB OUT 1 - 4" CONDUIT 2' PAST PROPERTY LINE AND TAPE END WATERTIGHT & MARK FOR LOCATION BY CUSTOMER.
3. INSTALL 2 - 6" PLASTIC CONDUITS PER NPC U.G. STD. RC-1 AND RC-2, BY NPC.
4. INSTALL A 4" PLASTIC CONDUIT PER NPC U.G. STD. RC-1 AND RC-2, BY CUSTOMER.
6. INSTALL A 4", 90° PLASTIC BEND W/18" MIN. RADIUS, BY CUSTOMER.
7. INSTALL 1 - 1/0 15 KV AL PRIMARY CABLE, BY NPC IN CONDUIT, BY CUSTOMER.
8. SWEEP CONDUIT AROUND PULLBOX, BY CUSTOMER.
9. INSTALL 1 - 3'-0" X 6'-0" X 4'-0" PULLBOX PER NPC U.G. STD. RS-81, BY CUSTOMER.
10. WATER FROM SPRINKLER SYSTEM SHALL NOT SPRAY OR FLOW ON PAD OR PULLBOX.
11. INSTALL 1 - 3 WAY MODULE , BY NPC PER UJ-101.
12. INSTALL PULLBOX AT SAME ELEVATION AS TOP OF SIDEWALK, BY CUSTOMER.
13. TOP OF TRANSFORMER PAD TO BE INSTALLED AT 12" ABOVE FINAL GRADE (AFTER LANDSCAPING).
14. INSTALL A PAD FOR A SINGLE PHASE COMMERCIAL TRANSFORMER PER NPC U.G. STD. RS-19, BY CUSTOMER.
15. INSTALL A SINGLE PHASE 75 KVA, 7200-120/240 VOLT COMMERCIAL PADMOUNTED TRANSFORMER PER NPC U.G. STD. UT-105, BY NPC.
16. INSTALL A 4", 90° RGS BEND W/36" MIN. RADIUS, TAPED OR PVC COATED, BY CUSTOMER.
17. STUB OUT 2' PAST 4" 90° BEND, CAP AND MARK LOCATION, BY NPC.
18. INSTALL 1 - 1/0, 15 KV AL PRIMARY SPLICE, BY NPC.
19. INSTALL 1 - 2'-6" X 4'-0" X 4'-0" PULLBOX PER NPC U.G. STD. RS-80, BY CUSTOMER.
20. EXISTING 2 - 1/0 15 KV AL PRIMARY CABLE D.B.
21. CUSTOMER SHALL ASCERTAIN LOCATION AND DEPTH OF THIS FACILITY BEFORE COMMENCING CONSTRUCTION.
22. INSTALL 1 - 2" DIA. PLASTIC SLEEVE, BY CUSTOMER
23. INSTALL 2 - 3 WAY MODULES PER NPC U.G. STD. UJ-101, BY NPC.
24. INSTALL A 2'-6" X 4'-0" X 4'-0" INTERCEPT PULLBOX PER NPC U.G. STD. RS-84, BY CUSTOMER.



DETAIL "C"
SCALE 1" = 4'-0"



COMMERCIAL TRENCH FOR PRIMARY CABLE



COMMERCIAL TRENCH FOR PRIMARY CABLE

Avoid cutting underground utility lines. It's costly.

Call before you Dig.

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

COMMERCIAL NOTES

CUSTOMER TO PROVIDE AND INSTALL:
1. STAKING (PROPERTY CORNERS, ELEVATIONS AND GRADES).
2. BARRIERS PER NPCo. U.G. STD. RS-6. IF EQUIPMENT IS LESS THAN 5' BACK OF CURB OR 8' FROM TRAFFIC AREA.
3. THERE SHALL BE NO COVERED PARKING IN FRONT OF NPCo. TRANSFORMERS OR OVER NPCo. FACILITIES. NPCo. REQUIRES A MINIMUM OF 10' WIDE CLEARANCE ACCESS IN FRONT OF ALL TRANSFORMERS PER NPCo. U.G. STD. RS-5.
4. ALL HANDHOLES IN NON-CONCRETE AREAS SHALL HAVE AN 8' x 8' POURED CONCRETE COLLAR AROUND HANDHOLE PER NPCo. U.G. STD. RS-1.

NPCo. TO PROVIDE AND INSTALL:
1. PRIMARY POLE RISER.
2. PRIMARY CABLE.
3. TRANSFORMERS AND CONNECTIONS TO THIS EQUIPMENT.
4. SECONDARY SERVICES TO MAINS WITH TWO OR MORE METERS.

COMMERCIAL LEGEND

PROPOSED		EXISTING
1-1/0	PRIMARY CABLE O. B.	1-1/0
1-1/0 GC	PRIMARY CABLE O/C.	1-1/0 GC
1-1/0 4C / 4C	PRIMARY CABLE IN DEP. CONDUIT / CONDUIT ONLY (1"-4C - 6"-6C)	1-1/0 4C / 4C
① / ① 4C / ① 6C	SECONDARY CABLE O.B. / SECONDARY IN SEPARATE CONDUIT / SECONDARY O/C.	① / ① 4C / ① 6C
△	PM TRANSFORMER 10 & 30 (3 PH OR 1 PH)	△
▭	PRIMARY PULLBOX	▭
⊡	SECONDARY SERVICE IDENTIFICATION	⊠
⊖	STREET LIGHT	⊖
⊗	STREET LIGHT SERVICE POINT	⊗
d	FIRE HYDRANT	

NOTIFY NPCo. INSPECTOR 48 HOURS IN ADVANCE OF START OF ELECTRICAL CONSTRUCTION
PHONE 367-5926

TYPE OF EASEMENT

Standard	☐
As Built	
Underground	☑
Aerial	☐
Standard	☐
R/W -31	
Underground	☐
Underground By Exhibit	☐
PERMIT	
Highway	☐
BLM	☐
Not Required	☐

EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NPC FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE AND LOCATION OF THESE FACILITIES.

ANY MODIFICATIONS OF NEVADA POWER COMPANY'S DESIGN MUST BE APPROVED BY THE ENGINEERING DEPARTMENT
ENGR. REP. ROB AGATONE
Phone 367-5317
BS REP. JOHN REID
Phone 367-5235

APPROVED:

GOVERNMENT AGENCY DATE

OWNER DATE

INQ. NO. 81282

NO.	W.O.	REVISIONS	DATE	BY	CHK'D	APP'D
5						
4						
3						
2						
1						

PRINTS ISSUED	TO	✓	DATE
C. T. Co.			
ACCT. DEPT.			
SURVEY			
DISPATCHER			
CONSTRUCTION			
SUBSTATION			
PURCHASING			

ENG. RECORD		DATE	BY
DRAWN	3-14-89		SWM
CHECKED			
APP'D.			
PHASING			

NEVADA POWER COMPANY
LAS VEGAS, NEVADA

CITY OF LAS VEGAS
FIRE STATION # 42

DWG. NO. 432-7324-2 SHT. NO. 1 OF 2
W.O. NO. 87308 SCALE: 1" = 20'

APPROVED BY MANAGER TRANSMISSION & DISTRIBUTION ENGINEERING DATE

4-126

630-88