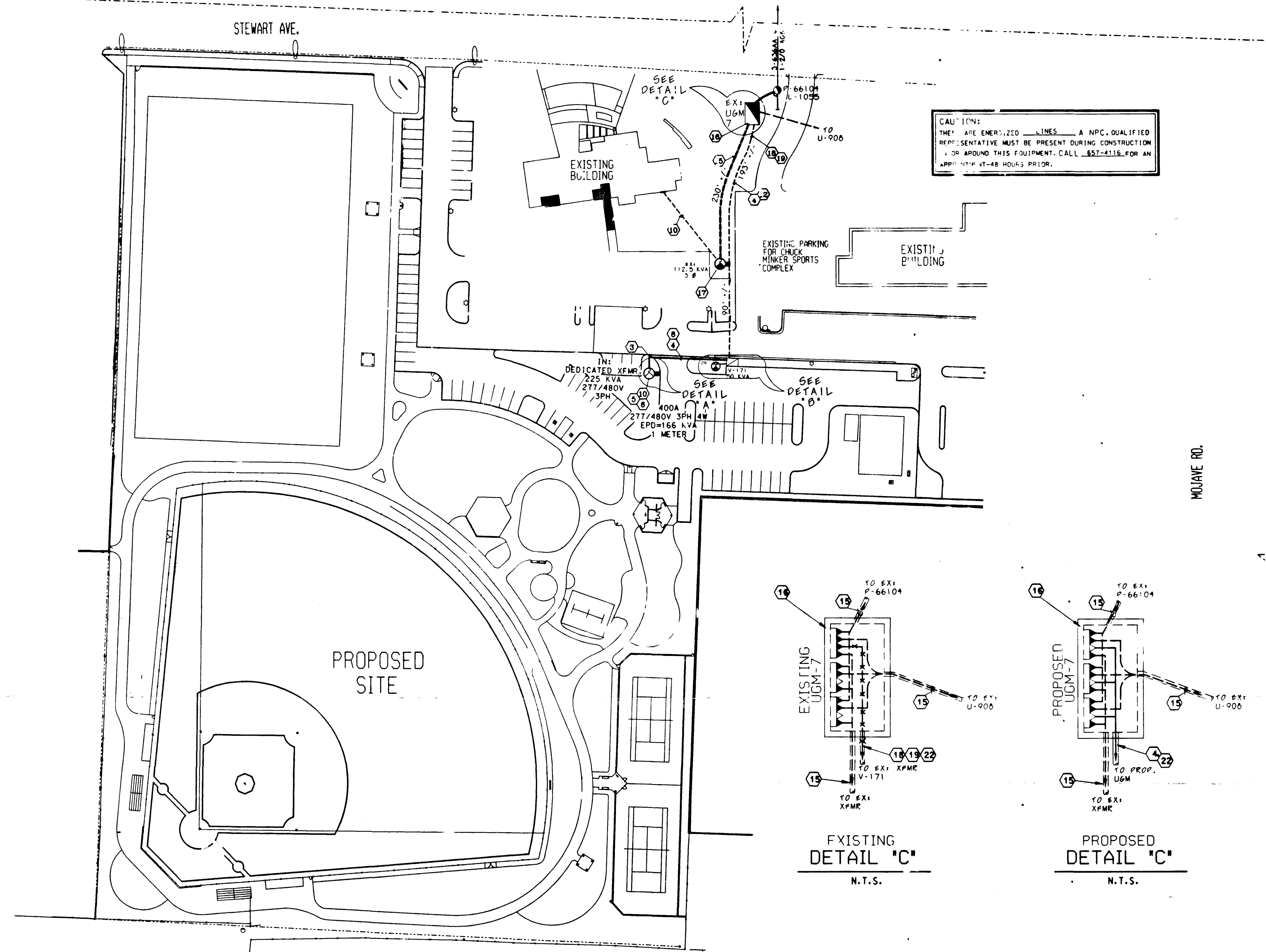
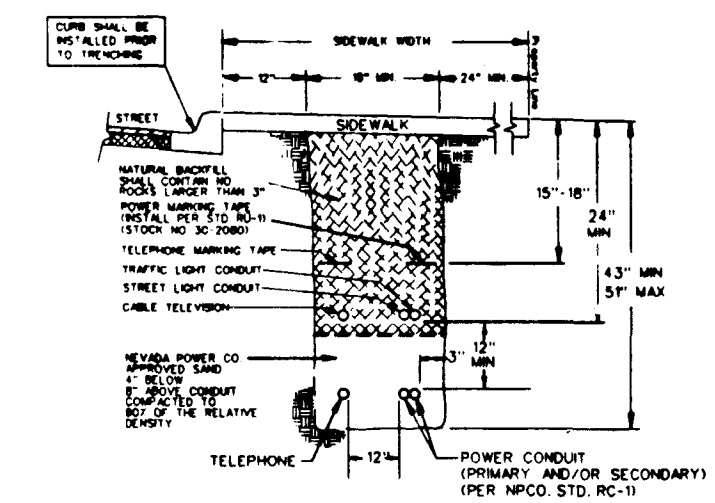
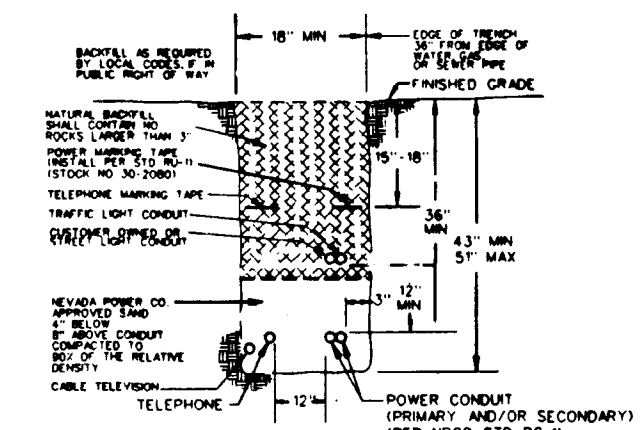




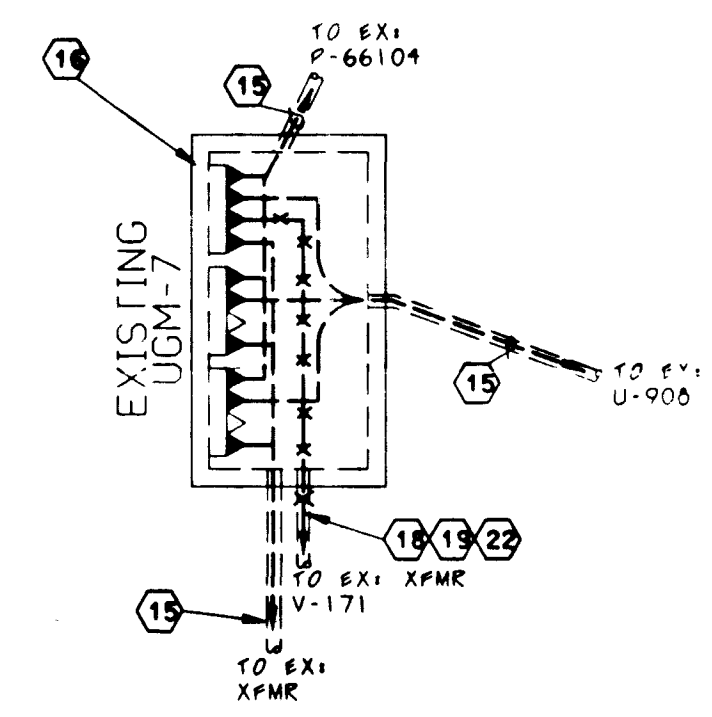
CAUTION:  
THEY ARE EMERGENCY LINES. A NPC QUALIFIED  
REPRESENTATIVE MUST BE PRESENT DURING CONSTRUCTION  
AND AROUND THIS EQUIPMENT. CALL 657-4115 FOR AN  
APPROPRIATE 48 HOURS PRIOR.



SIDEWALK TRENCH DETAIL

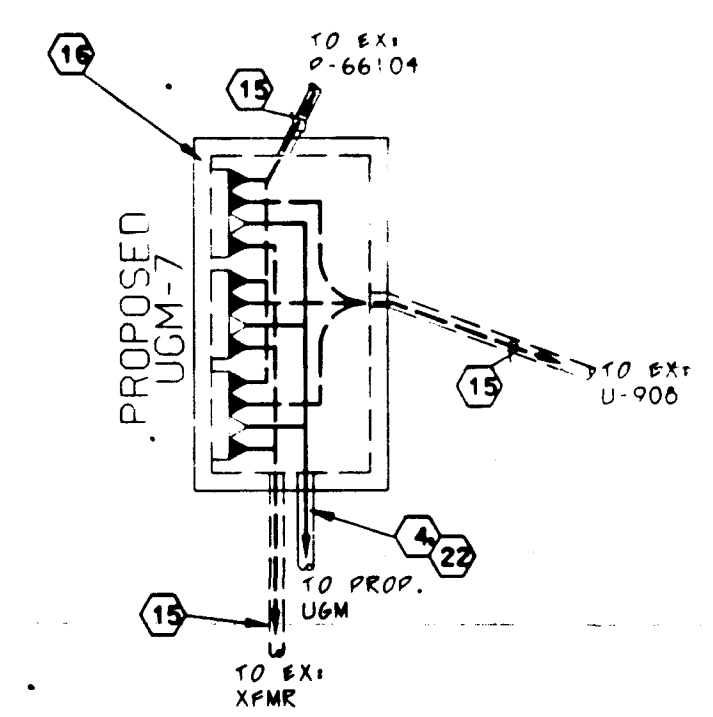


TRENCH DETAIL



EXISTING DETAIL 'C'

N.T.S.



PROPOSED DETAIL 'C'

N.T.S.

NOTES:

1. JOIN EXISTING CONDUIT WITH A COUPLING, BY CUSTOMER.
2. INSTALL A 4" 90 DEGREE RGS BEND W/36" MIN. RADIUS, TAPED OR PVC COATED, BY CUSTOMER.
3. INSTALL A 4" 90 DEGREE PLASTIC BEND W/36" MIN. RADIUS, BY CUSTOMER.
4. INSTALL 3-1/0 15 KV AL PRIMARY CABLE IN 1-4" CONDUIT, BY NPC.
5. INSTALL A 3 PHASE TRANSFORMER PAD PER NPC U.G. STD. RS-36 & RS-5, BY CUSTOMER.
6. INSTALL A DEDICATED THREE PHASE 225 KVA 12,470-480/277 VOLT PADMOUNTED TRANSFORMER PER NPC U.G. STD. UT-101, BY NPC.
7. INSTALL A 36" X 84" X 4" PULLBOX PER NPC U.G. STD. RS-82, BY CUSTOMER.
8. INSTALL A 4" PLASTIC CONDUIT PER NPC U.G. STD. RC-1 AND RC-2, BY CUSTOMER.
9. INSTALL 3-4 WAY LOADBREAK MODULES PER NPC U.G. STD. UJ-101, BY NPC.
10. CUSTOMER OWNED SERVICE.
11. NPC TO CUT EXISTING CONDUIT AND TERMINATE PRIMARY CABLES ON THE LOAD BREAK MODULE.
12. CUSTOMER SHALL ASCERTAIN LOCATION AND DEPTH OF THIS FACILITY BEFORE COMMENCING CONSTRUCTION.
13. TRENCH AND BACKFILL PER NPC U.G. STD. RT-12, BY CUSTOMER.
14. TOP OF PULLBOX TO BE INSTALLED AT TOP OF SIDEWALK.
15. EXISTING 3-1/0 15 KV AL PRIMARY CABLE IN 1-4" CONDUIT.
16. EXISTING 3' X 7' X 4" PULLBOX WITH 3-4 WAY MODULES.
17. EXISTING PADMOUNTED TRANSFORMER.
18. EXISTING 1-1/0 15 KV AL PRIMARY CABLE IN 1-4" CONDUIT.
19. REMOVE EXISTING 1-1/0 15 KV AL PRIMARY CABLE IN 1-4" CONDUIT, BY NPC.
20. INSTALL VEHICULAR PROTECTIVE BARRIERS PER NPC U.G. STD. RS-6, BY CUSTOMER.
21. INSTALL 1-1/0 15 KV AL PRIMARY CABLE IN 1-4" CONDUIT, BY NPC.
22. EXISTING 4" PLASTIC CONDUIT.

**REVISION**  
DESTROY ALL OTHER  
PRINTS PRIOR TO THIS  
DATE 2/18/97

UNLESS OTHERWISE NOTED:

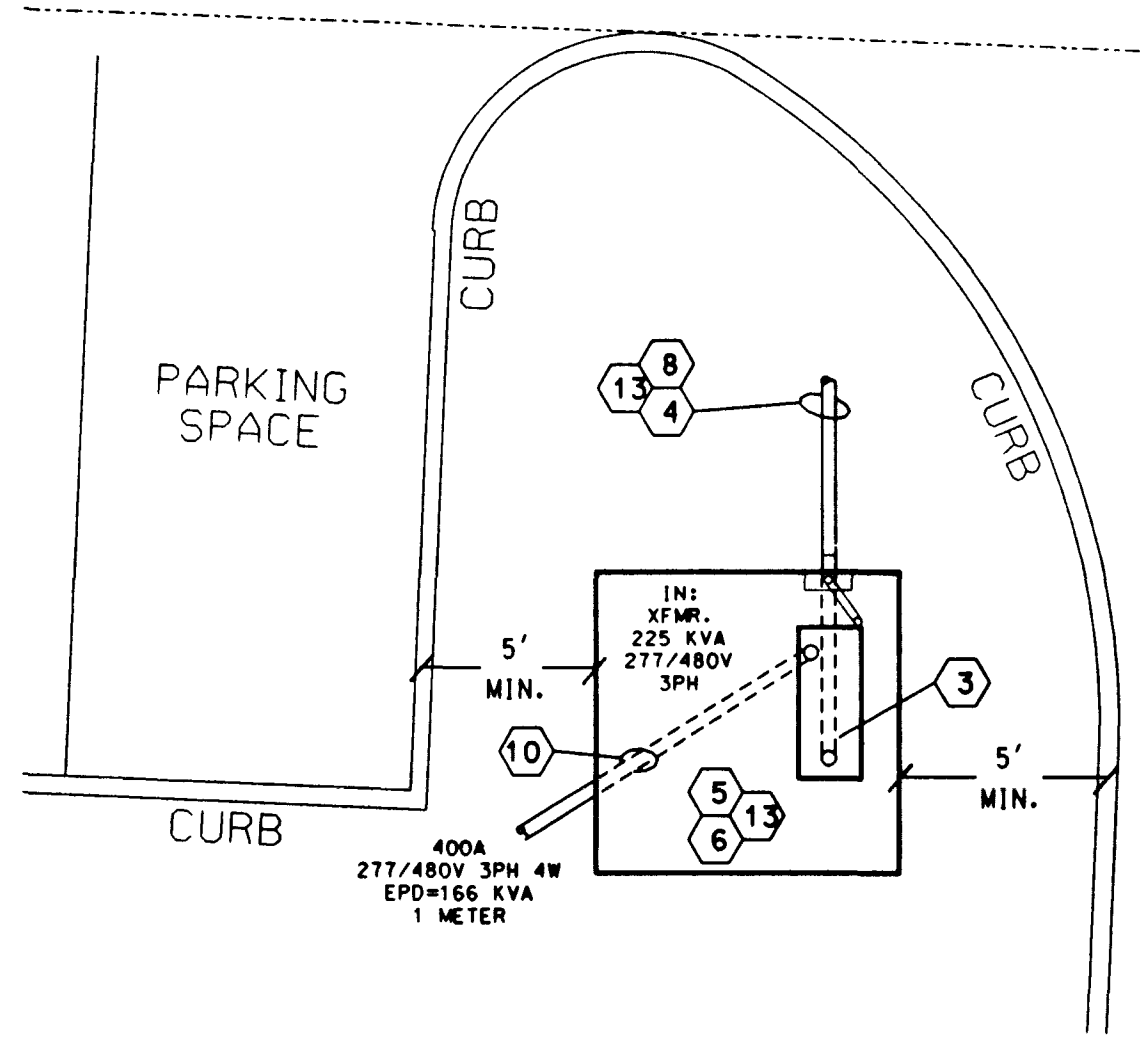
ALL SERVICE CONDUCTOR \_\_\_\_\_ AL. TRI  
ALL TRANSFORMERS : 7200-120/240-1P PM  
AC SIZE \_\_\_\_\_ KNS  
NO. OF UNITS \_\_\_\_\_  
MAIN SIZE \_\_\_\_\_ AMPS  
INSTALLED TRANSFORMER CAPACITY \_\_\_\_\_ KVA/UNIT

CONSTRUCTION LEGEND

| SYMBOL | DESCRIPTION                |
|--------|----------------------------|
| ---    | PRIMARY CABLE              |
| ---    | SECONDARY CABLE            |
| ---    | DRIVEWAY                   |
| ---    | PADMOUNTED TRANSFORMER     |
| ---    | PRIMARY PULLBOX            |
| ---    | STREET LIGHT               |
| ---    | STREET LIGHT SERVICE POINT |
| ---    | FIRE HYDRANT               |
| ---    | 350 MCM TRI(C)             |
| ---    | 4/0 AWG TRI(C)             |
| ---    | 2/0 AWG TRI(C)             |
| ---    | 500 MCM TRI IN CONDUIT     |

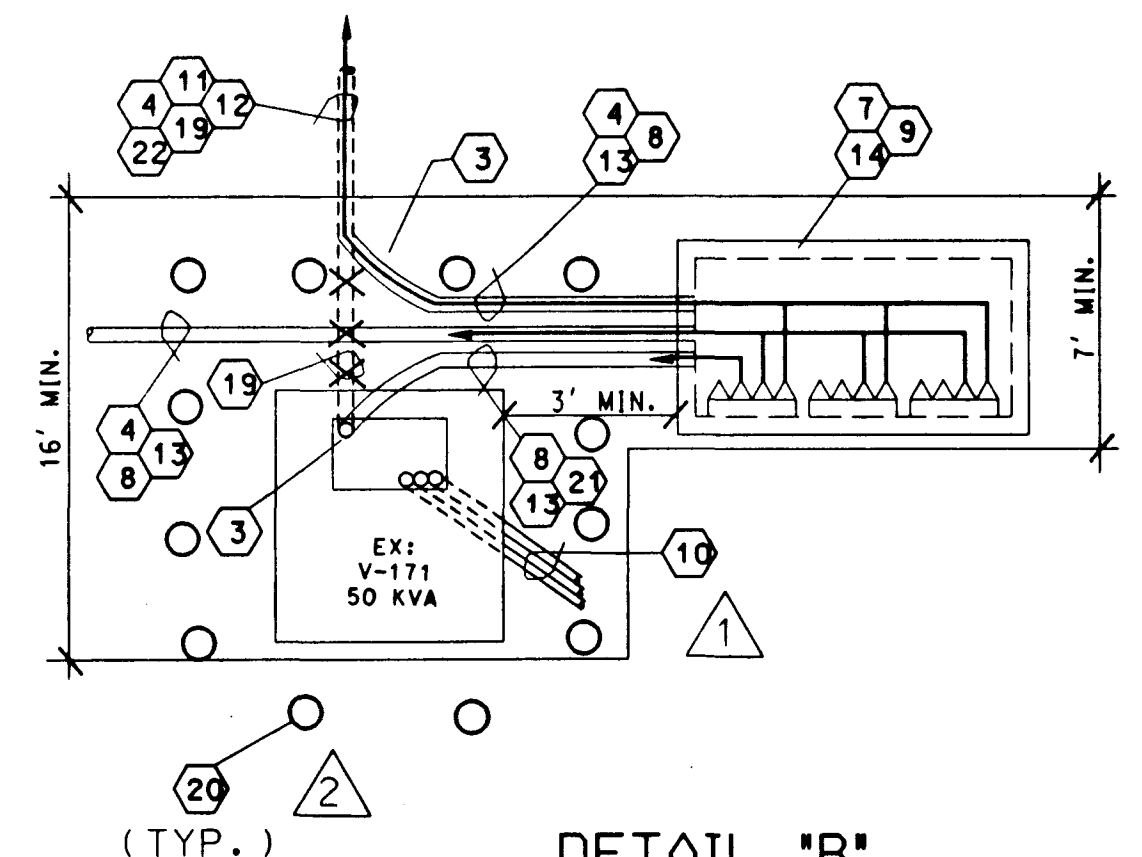
| NO. | DATE    | BY   |
|-----|---------|------|
| 1   | 2/19/97 | D.J. |
| 2   | 2/04/97 | D.J. |

REVISIONS



DETAIL 'A'

1" = 5'



DETAIL 'B'

N.T.S.

NEVADA POWER RECOMMENDS CUSTOMER PROTECT ALL THREE PHASE MOTORS BY INSTALLING:  
1. LINE STARTING PROTECTION  
2. OVERLOAD PROTECTION  
3. SINGLE PHASE PROTECTION  
4. REVERSE PHASING PROTECTION

VICINITY MAP  
NOT TO SCALE

CONSTRUCTION NOTES

CUSTOMER IS RESPONSIBLE TO OBTAIN A CURRENT NEVADA POWER ELECTRIC SERVICE REQUIREMENTS BOOK BEFORE COMMENCING CONSTRUCTION

CUSTOMER RESPONSIBILITIES:

- STAKING (PROPERTY CORNERS, ELEVATIONS AND GRADES).
- TRANSFORMER PADS INSTALLED PER NPC STANDARD SPECIFIED.
- HANDHOLES INSTALLED PER RS-1.
- INTERCEPT PULLBOXES INSTALLED PER RS-84.
- PULLBOXES INSTALLED PER RS-80 OR RS-82 (SIZES WILL BE SPECIFIED ON THE DRAWING).
- CLEARANCE REQUIREMENTS OF ALL NPC FACILITIES PER RS-5.
- VEHICULAR BARRIERS INSTALLED PER RS-6. IF CLEARANCES PER RS-5 ARE NOT MAINTAINED.
- NO COVERED PARKING OR ANY SUBSTRUCTURES IN FRONT OF ANY TRANSFORMER.
- ALL STREET CROSSINGS ARE TO BE 4" PLASTIC CONDUIT PER RC-1 AND RC-2 PER 1/0 OR 2/0 SEC. CABLE.

NEVADA POWER COMPANY RESPONSIBILITIES:

- PRIMARY POLE RISERS.
- TRANSFORMERS.
- ALL EQUIPMENT TO MAKE FINAL CONNECTIONS.
- SECONDARY SERVICES TO MARKS WITH TWO OR MORE METERS.

TRENCHING AND BACKFILL PER NPC U.G. STD. RT-7 AND RT-8

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

NOTE TO DEVELOPERS

4" CONDUIT AND 4" 90 DEGREE PLASTIC BENDS WITH A MINIMUM 36" RADIUS WILL BE REQUIRED BY NEVADA POWER COMPANY FOR ALL INSTALLATIONS OF 500 MCM TRI, SEC. CABLE

CALL BEFORE YOU DIG

CALL 1-702-593-6111

CALL BEFORE YOU DIG

1-800-227-2600

UNDERGROUND SERVICE (USA)

| *TYPE OF EASEMENT      | JPA NOTE            |
|------------------------|---------------------|
| STANDARD AS BUILT      | SPRINT CONTACT      |
| UNDERGROUND            | PHONE NUMBER        |
| AERIAL                 | DATE OF CONTACT     |
| STANDARD               | TO SET NEW POLES    |
| R/W - 31               | TO STAKE NEW POLES  |
| UNDERGROUND            | TO PROVIDE POLES    |
| UNDERGROUND            | FT. CLASS           |
| BY EXHIBIT             | TO DIG POLE HOLES   |
| PERMIT BLM             | TO REMOVE EX. POLES |
| 3RD PARTY NOT REQUIRED | JPA *               |

NPC CONTACT: DON JACKSON

PHONE: 657-4309

CELLULAR: 275-6289

DCA: -

FOR U.G. TRENCH INSPECTOR: 378-3712 (48 HOURS IN ADVANCE)

FOR WORK SCHEDULING: 657-4114

ENGINEERING FIRM: TJ KROB 871-3621

CUST. CONTACT: R. REYBURN 873-9440

|                            |                         |               |              |
|----------------------------|-------------------------|---------------|--------------|
| LAUGHLIN                   | LAS VEGAS               | SPRING VALLEY | HEND.        |
| CUST. APPROV. DATE: 1/8/97 | GOVT. APPROV. DATE: N/A |               |              |
| CITY OF LV                 | COUNTY                  | HENDERSON     | N. LAS VEGAS |

PHASING INFO. & DATE

NEVADA POWER COMPANY  
LAS VEGAS, NEVADA

RAFAEL RIVERA FIELDS

W.R. NO. 67617 SCALE: 1" = 60'

SHT. NO. ES-5 OF 23 DATE: 11/96

