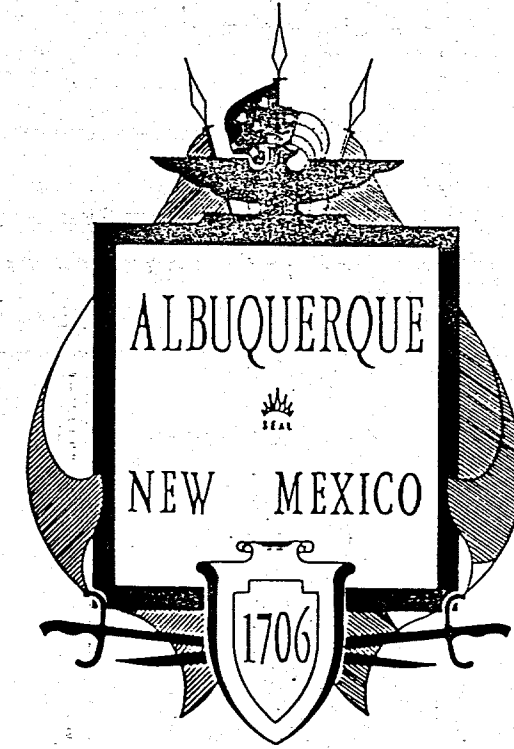
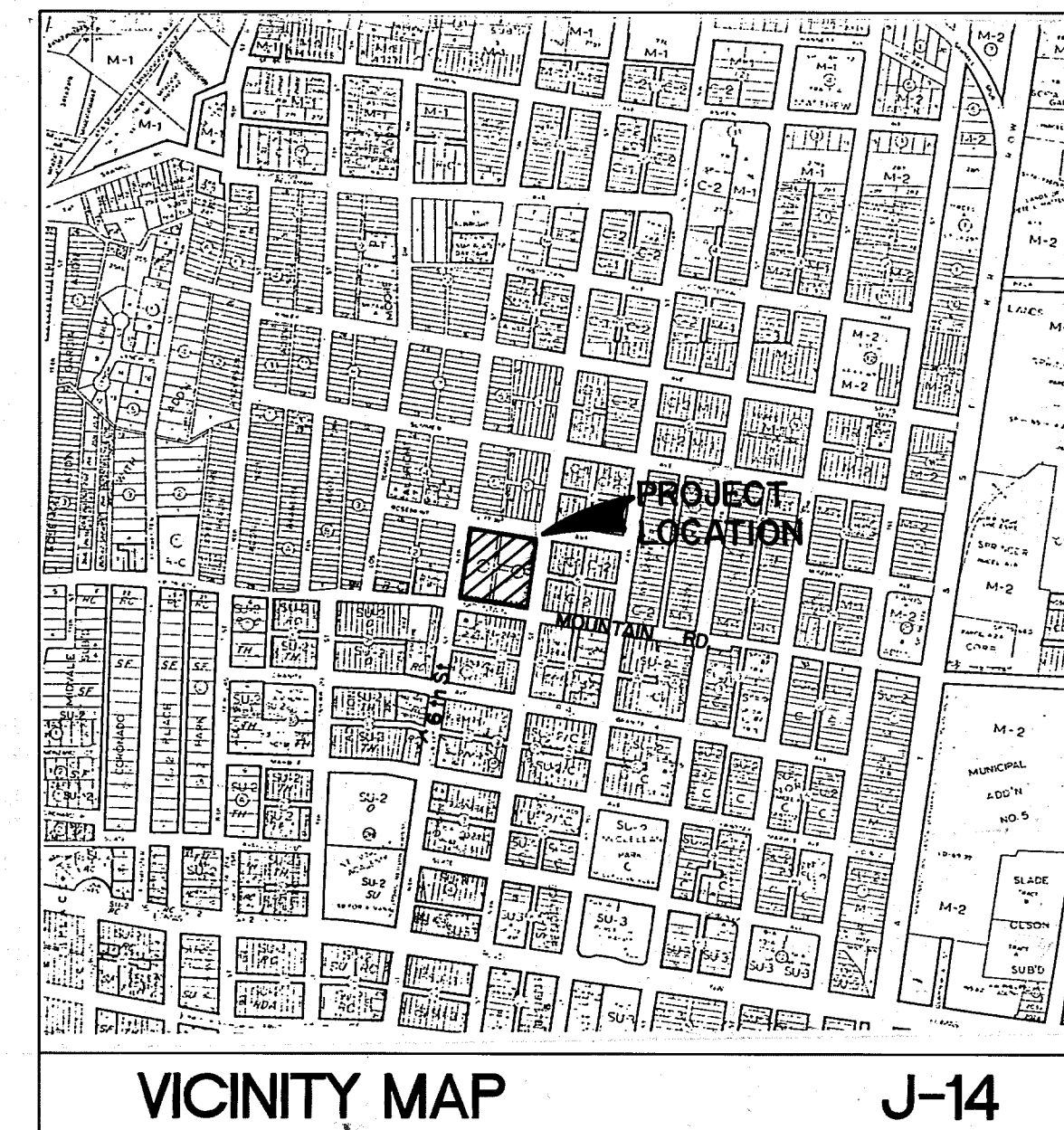
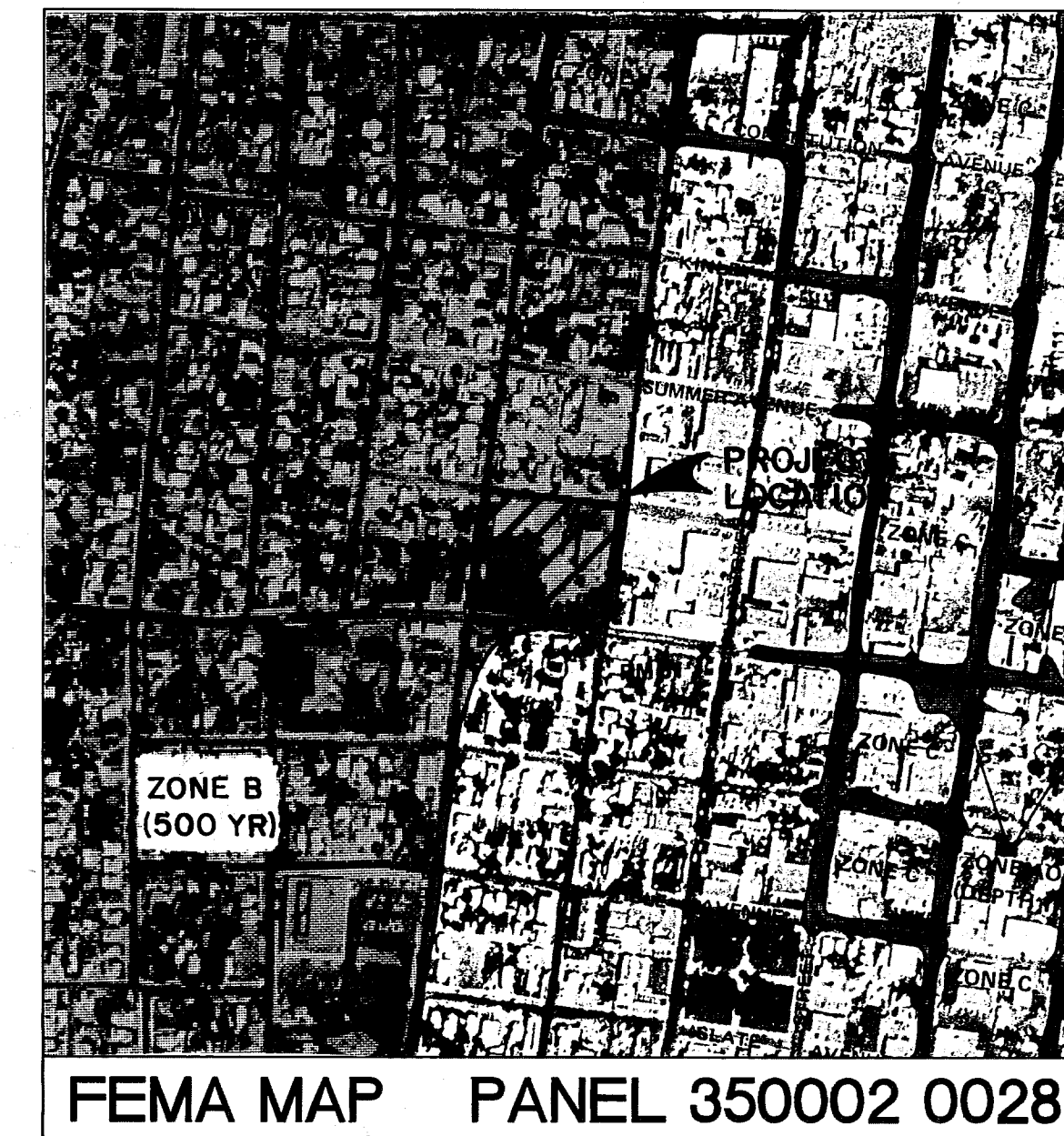




# CONSTRUCTION PLANS FOR WELLS PARK RENOVATION

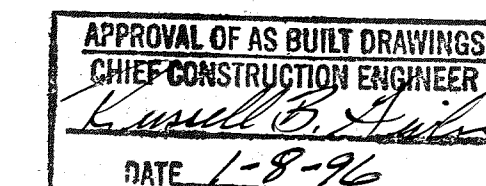
## INDEX OF SHEETS

| SHEET | TITLE                                      |
|-------|--------------------------------------------|
| 1     | COVER SHEET                                |
| 2     | GRADING AND DRAINAGE PLAN                  |
| 3     | DEMOLITION PLAN                            |
| 4     | CONSTRUCTION PLAN                          |
| 5     | PAVING DETAILS, DUMPSTER ENCLOSURE DETAILS |
| 6     | MISCELLANEOUS DETAILS                      |
| 7     | PATIO AND PLAY AREA DETAILS                |
| 8     | MISCELLANEOUS DETAILS                      |
| 9     | IRRIGATION PLAN                            |
| 10    | LANDSCAPE PLAN                             |
| 11    | LIGHTING PLAN                              |
| 12    | LIGHTING DETAILS                           |



## GENERAL NOTES

- All work shall be performed in accordance with the City of Albuquerque Standard Specifications for Public Works Construction (including most recent updates), unless otherwise specified herein.
- Two working days prior to any excavation, contractor must contact the utility line locating service (260-1990) for location of existing utilities.
- Contractor is responsible for identification and verification of all utility locations on and adjacent to the property, including any which may not be shown on these plans.
- Site plan and grading are based on 1988 survey (by others); all quantities, dimensions, and existing conditions shown are subject to verification by the contractor.
- All existing plant material, irrigation components, structures, and utilities to remain shall be protected during demolition and construction.
- Three (3) working days prior to beginning construction the contractor shall submit to construction coordination division a detailed construction schedule. Two (2) working days prior to construction, the contractor shall obtain a barricading permit from the construction coordination division. Contractor shall notify barricade engineer (768-2551) prior to occupying an intersection. Refer to Section 19 of the general conditions of the standard specifications.

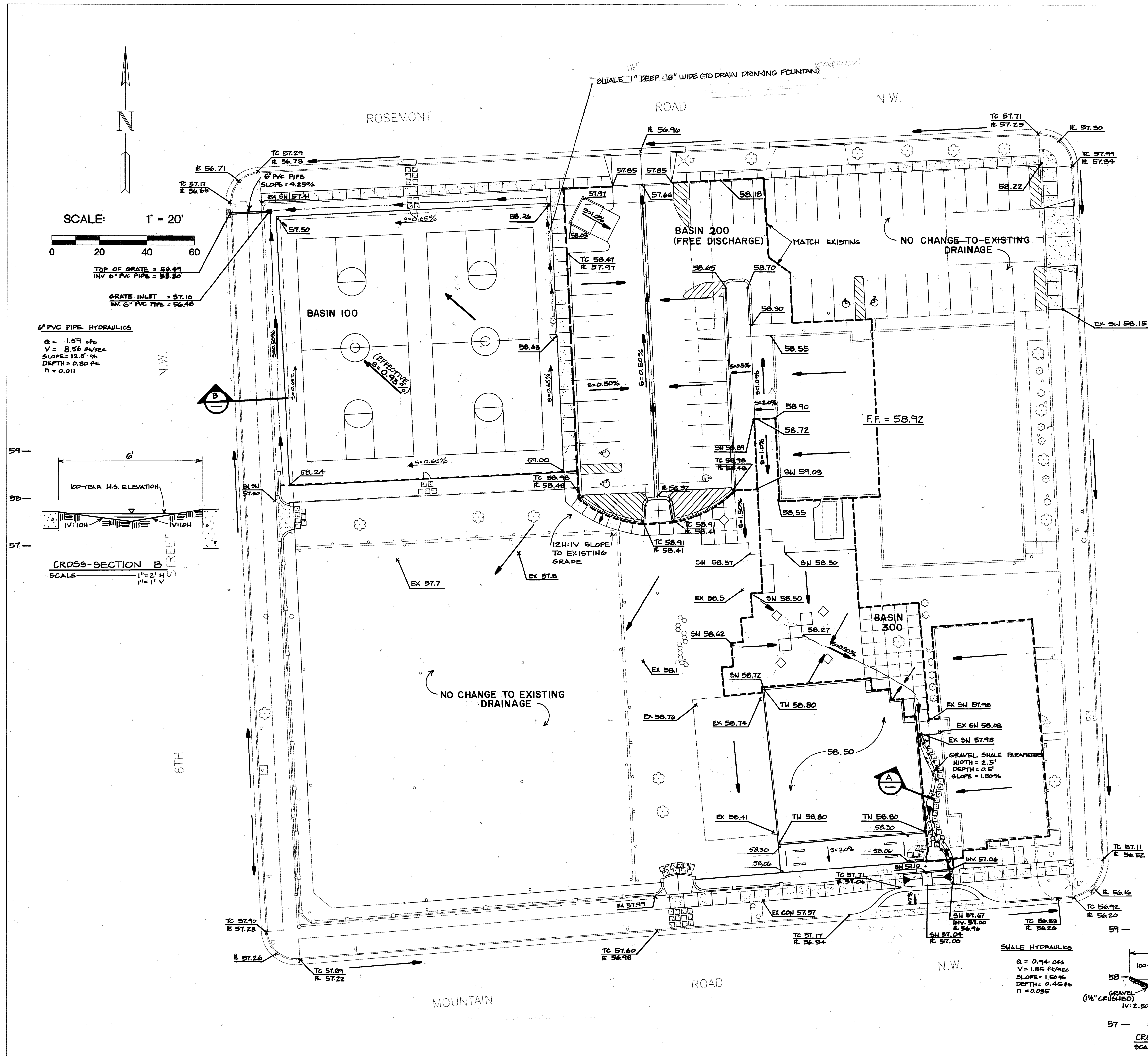


26-4564-90 0195

|      |            |                      |          |      |      |      |      |
|------|------------|----------------------|----------|------|------|------|------|
| △    | 9,11 of 12 | REVISED PER ASBUILTS | 10-25-95 |      |      |      |      |
| REV. | SHEETS     | CITY ENGR.           | DATE     | DATE | DATE | DATE | DATE |

## APPROVAL OF REVISIONS

|  |                                                                                                                                                                              |                                                                |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | PREPARED BY:<br>Resource Technology, Inc.<br>ENGINEERS & ENVIRONMENTAL SCIENTISTS<br>2129 USUNA NE - SUITE 200 ALBUQUERQUE, NEW MEXICO 87113<br>TELEPHONE - (505) 345 - 3115 | APPROVED FOR<br>CONSTRUCTION<br><i>Ricardo Rojas</i><br>2/2/97 |
|  | PROJECT NO.<br>4564-90                                                                                                                                                       | SHEET 1 OF 12                                                  |



#### HYDROLOGY

##### GENERAL:

Precipitation Zone 2 (DPM Figure A)  
100-year, 6-hour rainfall depth: 2.36"  
Total Site Area = 98,634 sq. ft. (2.2643 ac.)

##### COMPARISON OF EXISTING AND PROPOSED CONDITIONS FOR ENTIRE SITE:

##### Existing

Treatment D - Impervious Area = 49,020 sq. ft. (1.1253 ac.)  
C - Compacted Areas = 6,669 sq. ft. (0.1531 ac.)  
B - Landscaping = 42,945 sq. ft. (0.9859 ac.)

\*\* Qp 100 = 8.0175 cfs

##### Proposed

Treatment D - Impervious Area = 52,633 sq. ft. (1.1083 ac.)  
C - Compacted Areas = 491 sq. ft. (0.0113 ac.)  
B - Landscaping = 45,510 sq. ft. (1.0448 ac.)

\*\* Qp 100 = 8.0966 cfs (less than 1% increase)

According to Mr. Bernie Montoya of COA Public Works/Hydrology (phone conversation 6/25/93) uncontrolled discharge is acceptable if total proposed increase in runoff is "less than five or six percent". Since overall generated runoff will increase by less than one percent, free discharge is proposed at three locations. Drainage from the remainder of the site will remain unchanged. The following calculations were used to size specific drainage structures.

##### BASIN 100:

##### Basketball Court Drainage Into Drop Inlet

##### CONTRIBUTING DRAINAGE:

Impervious Area (D) = 13,224 sq. ft. (0.303 ac.)  
Planting Beds (B) = 1,440 sq. ft. (0.0331 ac.)  
Total Area = 14,664 sq. ft. (0.336 ac.)

(0.303 ac. \* 4.7 cfs/ac.) + (0.0331 ac. \* 2.28 cfs/ac.)

\*\* Qp 100 = 1.495 cfs [Qp 10 = 0.98 cfs]

##### VOLUME:

(2.12 \* 13,224 sq. ft.) + (0.78 \* 1440 sq. ft.)  
14667 sq. ft.

Weighted E = 1.98"

\*\* 100 yr/6 hr. volume =  $\frac{1.98 * 14,664}{12} = 2,419.5$  cu. ft.

[10 yr/6 hr. = 1510 cu. ft.]

##### BASIN 300:

##### Patio Area Drainage Into Sidewalk Culvert

Impervious Area (D) = 7,757 sq. ft. (0.1781 ac.)  
Gravel Area (C) = 306 sq. ft. (0.0070 ac.)  
Landscaped Area (B) = 1,480 sq. ft. (0.0340 ac.)  
Total Area = 9,543 sq. ft. (0.2191 ac.)

(0.0340 ac. \* 2.28 cfs/ac.) + (0.0070 ac. \* 3.14 cfs/ac.) + ((0.1781 ac. \* 4.70 cfs/ac.)

\*\* Qp 100 = 0.94 cfs

##### VOLUME:

E = (0.78 \* 0.0340 ac.) + (1.13 \* 0.0070 ac.) + (2.12 \* 0.1781 ac.)  
0.2191 ac.

Weighted E = 1.88"

\*\*100-Yr/6 hr. volume =  $\frac{1.88 * 9543 \text{ sq. ft.}}{12} = 1,498$  cu. ft.

[10-Yr/6 hr. = 914 cu. ft.]

##### BASIN 200:

##### Parking Lot Drainage

Impervious Area (D) = 14,321 (0.3287 acres)  
Landscaped Area (B) = 304 (0.0069 acres)  
Total Area = 14,625 (0.3356 acres)

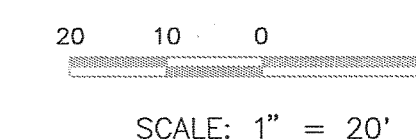
(0.0069 acres \* 2.28 cfs/ac + 0.3287 acres \* 4.70 cfs/ac)

\*\* Qp 100 = 1.55 cfs

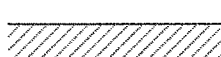
STREET

5TH

| AS BUILT INFORMATION                                                                                                                                            |          |           |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|-------------|
| CONTRACTOR                                                                                                                                                      | DATE     | INSPECTOR | DATE        |
|                                                                                                                                                                 |          |           |             |
| BENCH MARKS                                                                                                                                                     |          |           |             |
| Bench Mark = "10-114A", a square 12" cut in the top of the WSW curb return located in the SW quadrant of the intersection of 4th St. N.W. and Mountain Rd. N.W. | DATE     | BY        |             |
| Elevation = 4956.23                                                                                                                                             |          |           |             |
| T.B.M. = 1/2" iron pipe located at the NW corner of the Wells Park Community Center.                                                                            | DATE     | BY        |             |
| Elevation = 4957.22                                                                                                                                             |          |           |             |
| SURVEY INFORMATION                                                                                                                                              |          |           |             |
| FIELD NOTES                                                                                                                                                     | DATE     | BY        |             |
|                                                                                                                                                                 |          |           |             |
| ENGINEER'S SEAL                                                                                                                                                 |          |           |             |
|                                                                                                                                                                 |          |           |             |
| REMARKS                                                                                                                                                         | DATE     | BY        |             |
|                                                                                                                                                                 |          |           |             |
| NO.                                                                                                                                                             | DATE     | REVISIONS |             |
|                                                                                                                                                                 |          | DESIGN    |             |
| DESIGNED BY                                                                                                                                                     | DATE     | DRAWN BY  | DATE        |
| RMD                                                                                                                                                             |          | GCC       |             |
| CHECKED BY                                                                                                                                                      | DATE     |           |             |
| EVD                                                                                                                                                             | 2/28/94  |           |             |
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING GROUP                                                                                             |          |           |             |
| TITLE: <b>WELLS PARK RENOVATION<br/>GRADING AND DRAINAGE PLAN</b>                                                                                               |          |           |             |
| APPROVALS                                                                                                                                                       | ENGINEER | DATE      | APPROVALS   |
| DRC CHAIRMAN                                                                                                                                                    | B.G.A.   | 3/1/94    | WATER       |
| TRANSPORT.                                                                                                                                                      |          |           | WASTE WATER |
| HYDROLOGY                                                                                                                                                       |          |           | PARKS       |
|                                                                                                                                                                 |          |           |             |
| PROJECT NO.                                                                                                                                                     | MAP NO.  | SHEET     | OF          |
| 4564-90                                                                                                                                                         | J-14     | 2         | 12          |

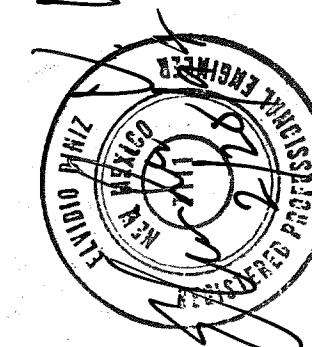


LEGEND

- |                                                                                     |                          |
|-------------------------------------------------------------------------------------|--------------------------|
| ● PP                                                                                | POWER POLE               |
| ANCHOR                                                                              |                          |
| ⤵ A                                                                                 |                          |
| ⊗ LT                                                                                | LIGHT POLE               |
| • GP                                                                                | GUARD POST               |
| ∇ TS                                                                                | TRAFFIC SIGN             |
| ○ BG                                                                                | BASKETBALL GOAL          |
| ○ FP                                                                                | FENCE POLE               |
| ○ FS                                                                                | FENCE SUPPORT (2" PIPE)  |
| □ EB                                                                                | ELECTRIC BOX             |
| ■ TSL                                                                               | TRAFFIC SIGNAL LIGHT     |
| △ GM                                                                                | GAS METER                |
| ○ GV                                                                                | GAS VALVE                |
| ○ WM                                                                                | WATER METER              |
| ○ WV                                                                                | WATER VALVE              |
| ○ DF                                                                                | DRINKING FOUNTAIN        |
| ○ P                                                                                 | PIPE                     |
| ▤ DI                                                                                | DROP INLET               |
| ○ S                                                                                 | SPRINKLER                |
| ○ VB                                                                                | VACUUM BREAKER           |
| ○ C/O                                                                               | CLEAN OUT                |
| ⊕ D                                                                                 | TREE (DECIDUOUS)         |
| ⊕ B                                                                                 | BUSH (SHRUB)             |
| □ TP                                                                                | TRANSFORMER PAD          |
| — P —                                                                               | OVERHEAD ELECTRIC CABLE  |
| — T —                                                                               | OVERHEAD TELEPHONE CABLE |
|  | TO BE REMOVED            |
| —                                                                                   | EXISTING TO REMAIN       |

## NOTES

1. All fencing, posts, lights, sprinklers, etc. which are salvageable, but which will not be re-used on site, shall be removed to the City of Albuquerque Pino Yard.
2. All waste shall be disposed of off site in accordance with applicable regulations. It shall be the responsibility of the contractor to maintain all areas where work is in progress in a clean and safe condition.
3. Contractor is responsible for locating and protecting potable water lines for existing drinking fountains in basketball court area. (New fountain will be reconnected to this line.)



|  |  |  |  |  |                 |                    |             |                        |
|--|--|--|--|--|-----------------|--------------------|-------------|------------------------|
|  |  |  |  |  | ENGINEER'S SEAL | SURVEY INFORMATION | BENCH MARKS | AS BUILT INFORMATION   |
|  |  |  |  |  |                 | FIELD NOTES        |             |                        |
|  |  |  |  |  |                 | NO.                | DATE        | CONTRACTOR             |
|  |  |  |  |  |                 |                    |             | DRAWN BY               |
|  |  |  |  |  |                 |                    |             | CHECKED BY             |
|  |  |  |  |  |                 |                    |             | INSPECTOR'S            |
|  |  |  |  |  |                 |                    |             | ACCEPTANCE BY          |
|  |  |  |  |  |                 |                    |             | VERIFICATION BY        |
|  |  |  |  |  |                 |                    |             | DRAWINGS               |
|  |  |  |  |  |                 |                    |             | CORRECTED BY           |
|  |  |  |  |  |                 |                    |             | DATE                   |
|  |  |  |  |  |                 |                    |             | MICRO-FILM INFORMATION |
|  |  |  |  |  |                 |                    |             | RECORDED BY            |
|  |  |  |  |  |                 |                    |             | DATE                   |
|  |  |  |  |  |                 |                    |             | NO.                    |

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 2 | 6 | - | 4 | 5 | 4 | 4 | . | 9 | 0  |    |    | 0  | 3  | 9  |

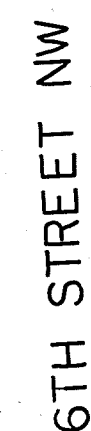
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: **WELLS PARK RENOVATION  
DEMOLITION PLAN**

| APPROVALS    | ENGINEER  | DATE    | APPROVALS   | ENGINEER  | DATE   |
|--------------|-----------|---------|-------------|-----------|--------|
| DRC CHAIRMAN | B.G. A.   | 3/11/94 | WATER       | R.W. Kane | 3-1-94 |
| TRANSPORT.   | R.W. Kane | 2-28-94 | WASTE WATER | R.W. Kane | 3-1-94 |
| HYDROLOGY    | D. Selma  | 3/3/94  | PARKS       | D. Selma  | 3-1-94 |

|             |         |       |    |
|-------------|---------|-------|----|
| PROJECT NO. | MAP NO. | SHEET | OF |
| 4564-90     | J-14    | 3     | 12 |

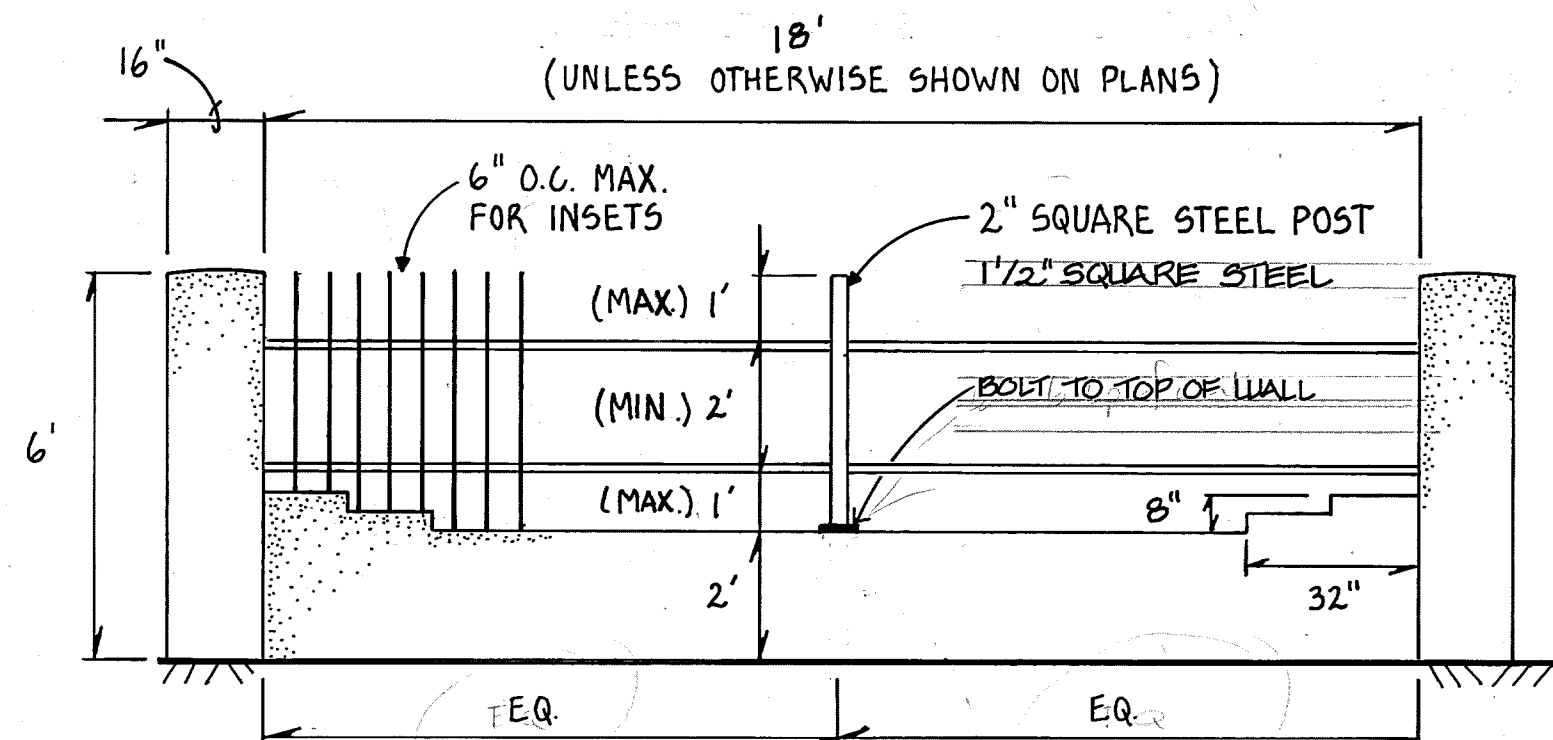
| APPROVALS           |  | ENGINEER            | DATE         | APPROVALS   |         | ENGINEER         | DATE   |
|---------------------|--|---------------------|--------------|-------------|---------|------------------|--------|
| D.R.C Chair         |  | <i>B.P. Goodley</i> | 3/11/94      | Water       |         | <i>R.W. Kane</i> | 3-1-94 |
| Trans. Dev          |  | <i>R. Kane</i>      | 3-21-94      | Waste Water |         | <i>R.W. Kane</i> | 3-1-94 |
| Utility Dev         |  |                     |              | Parks       |         | <i>D. Lima</i>   | 3-1-94 |
| Hydrology           |  | <i>planning</i>     | 3/3/94       |             |         |                  |        |
| DRAWING NO. 4564-90 |  |                     | MAP NO. J-14 |             | SHEET 5 |                  | OF 12  |



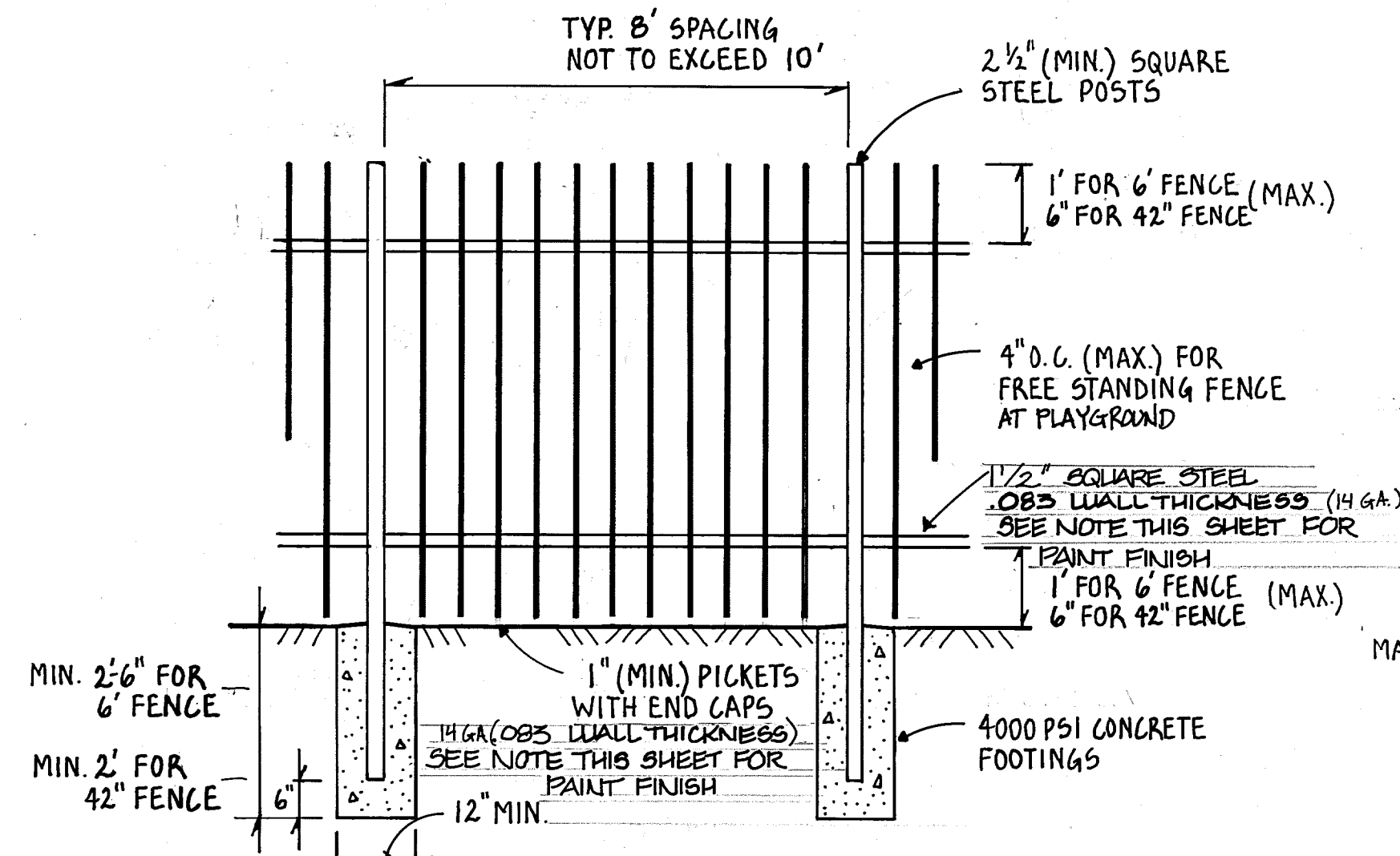
3. Basketball court striping dimensions shown to centerline of stripe. Playing lines shall be painted 2" wide using a white acrylic line paint. Lines shall be accurately located and marked by snapping a chalk line and placing masking tape guide lines. Lines shall be brushed or sprayed to provide a uniform line with clear definition.

|             |         |       |    |
|-------------|---------|-------|----|
| PROJECT NO. | MAP NO. | SHEET | OF |
| 4564-90     | J-14    | 4     | 12 |

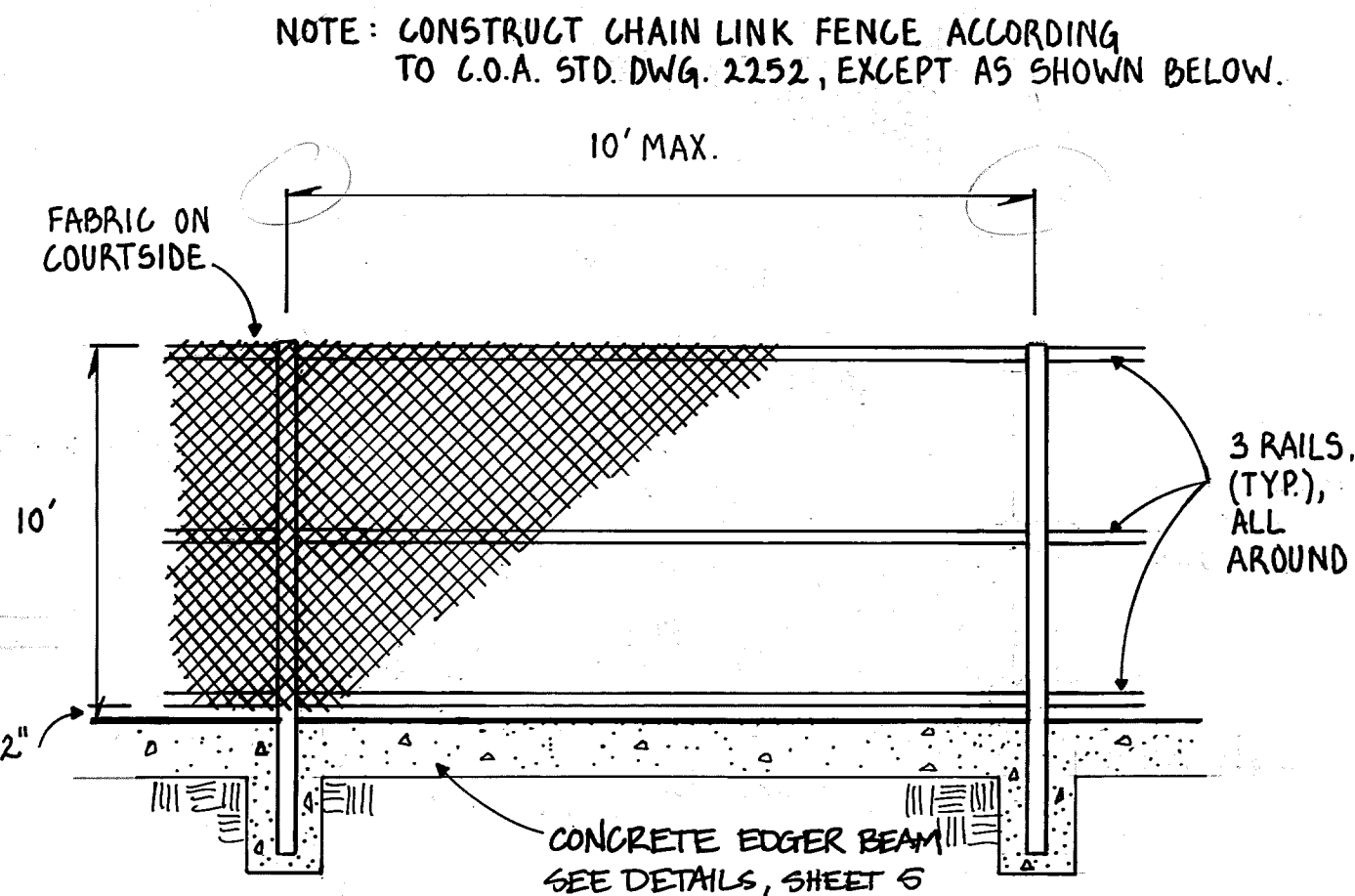




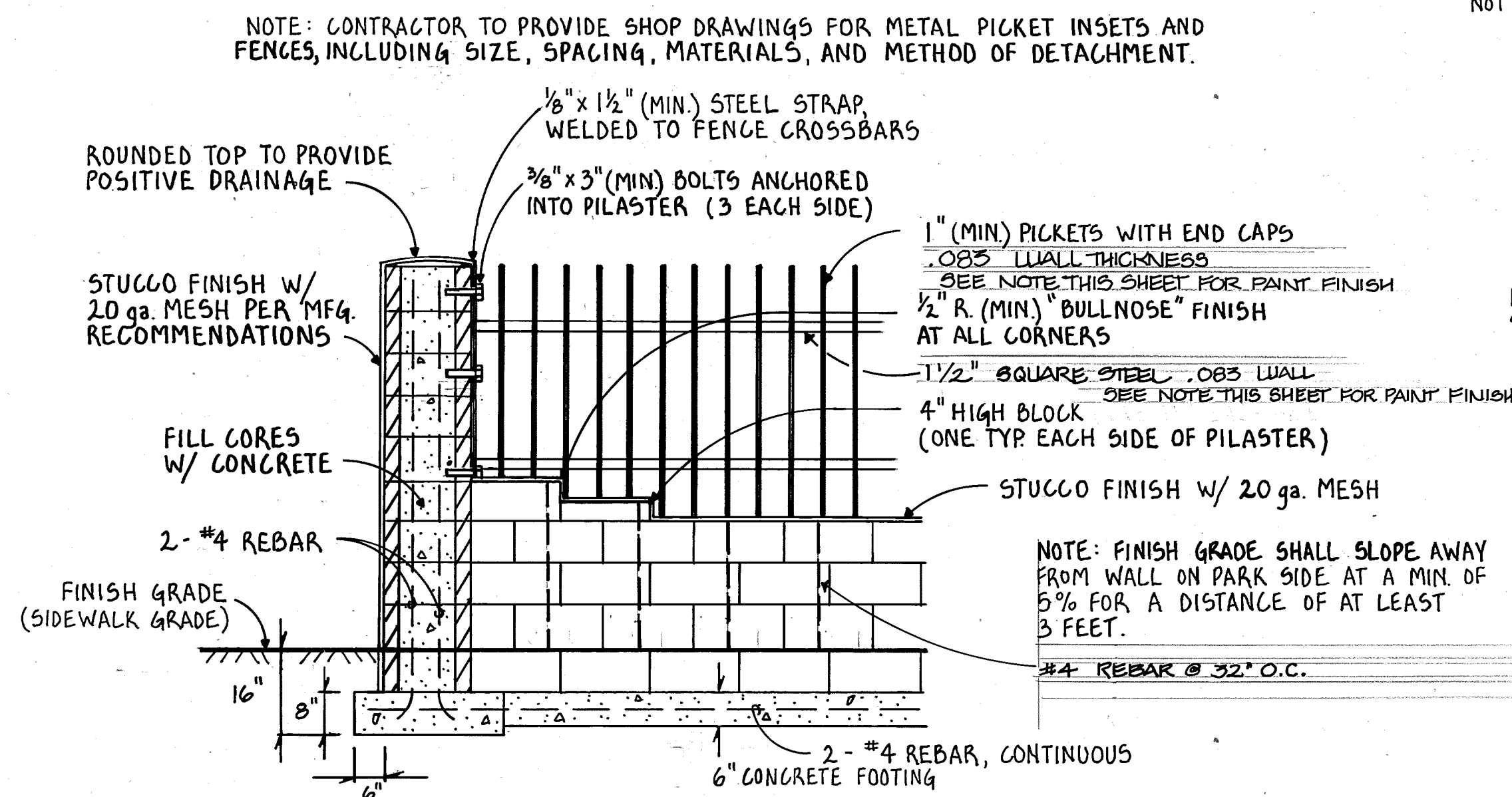
**TYPICAL WALL/FENCE SEGMENT**  
NOT TO SCALE



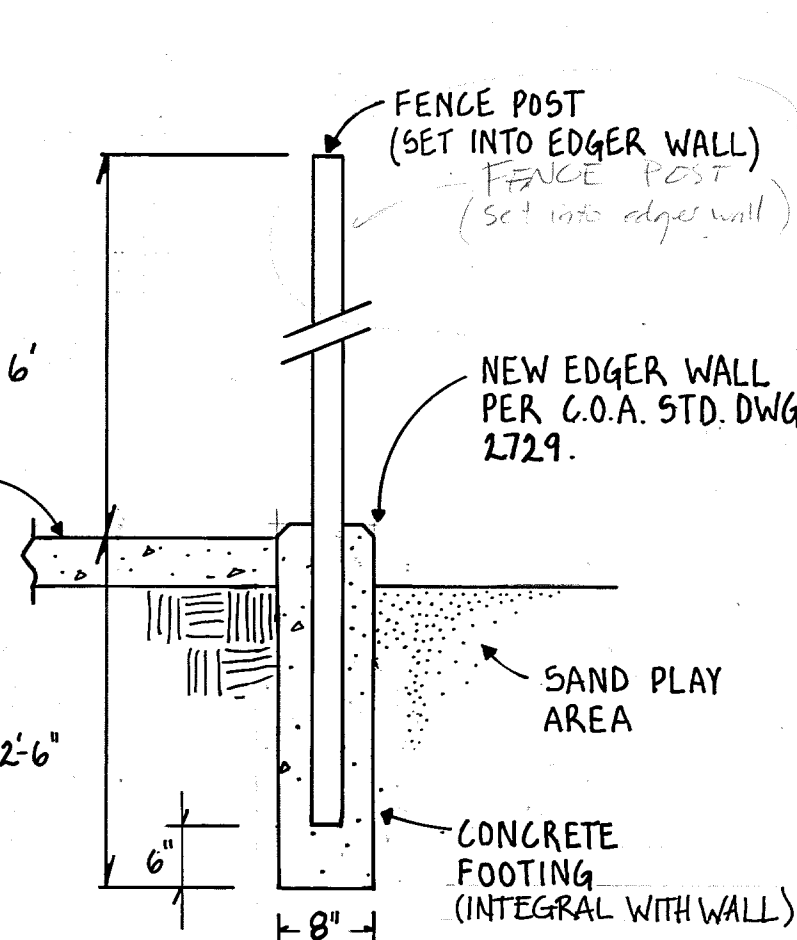
**METAL PICKET FENCE DETAIL**  
NOT TO SCALE



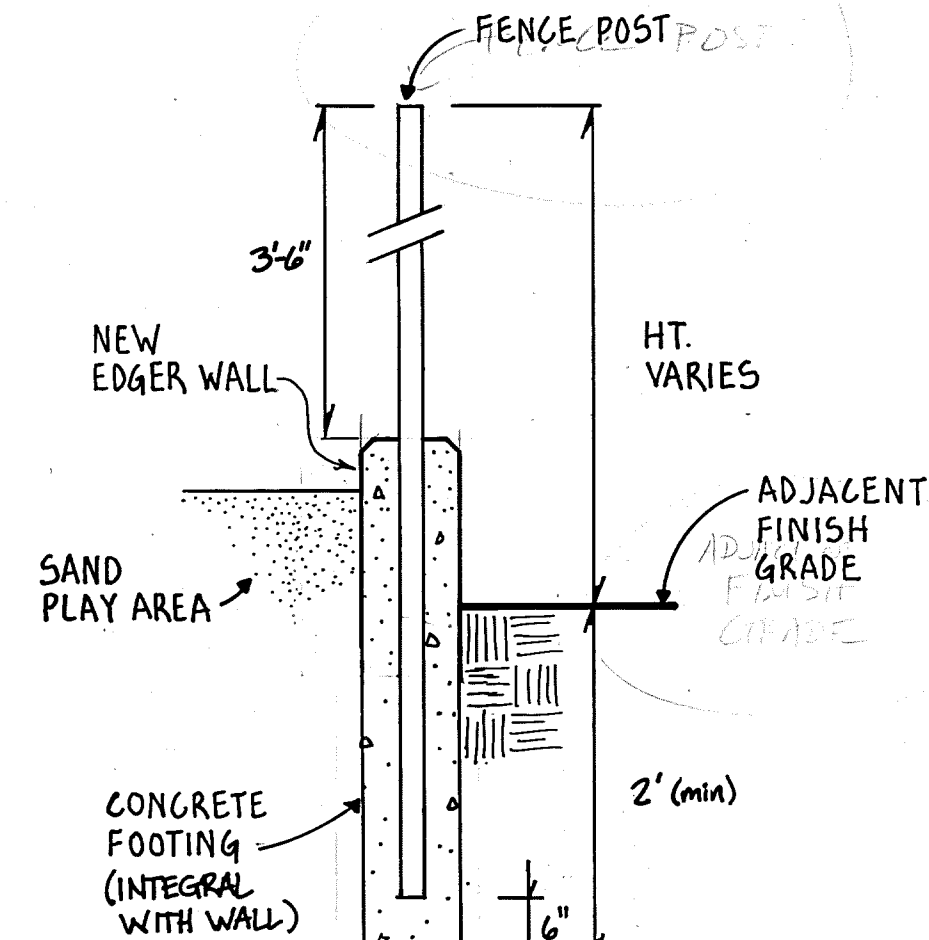
**CHAIN LINK FENCE DETAIL**  
NOT TO SCALE



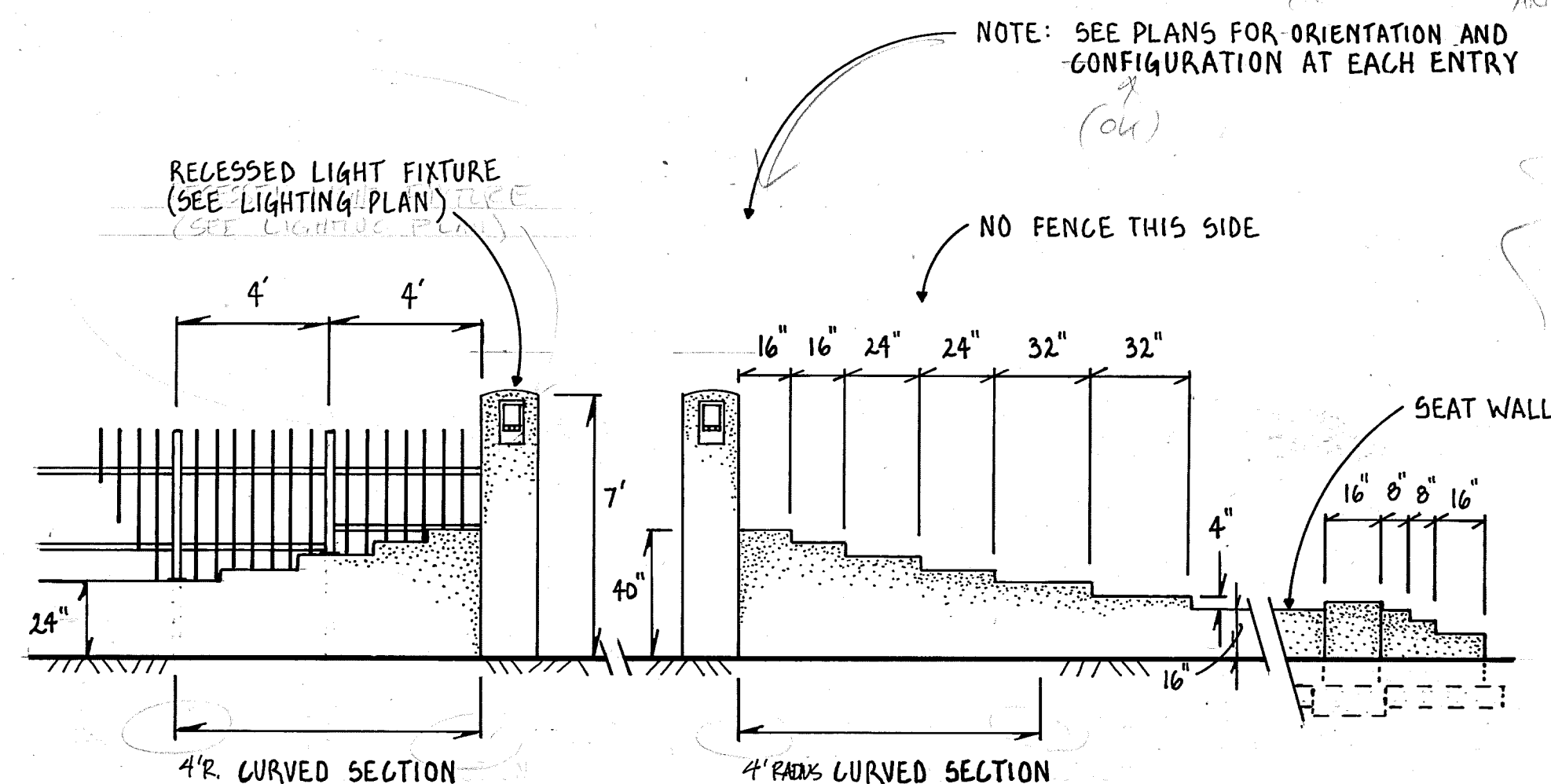
**PILASTER DETAIL**  
SCALE ~ 1/2\"/>



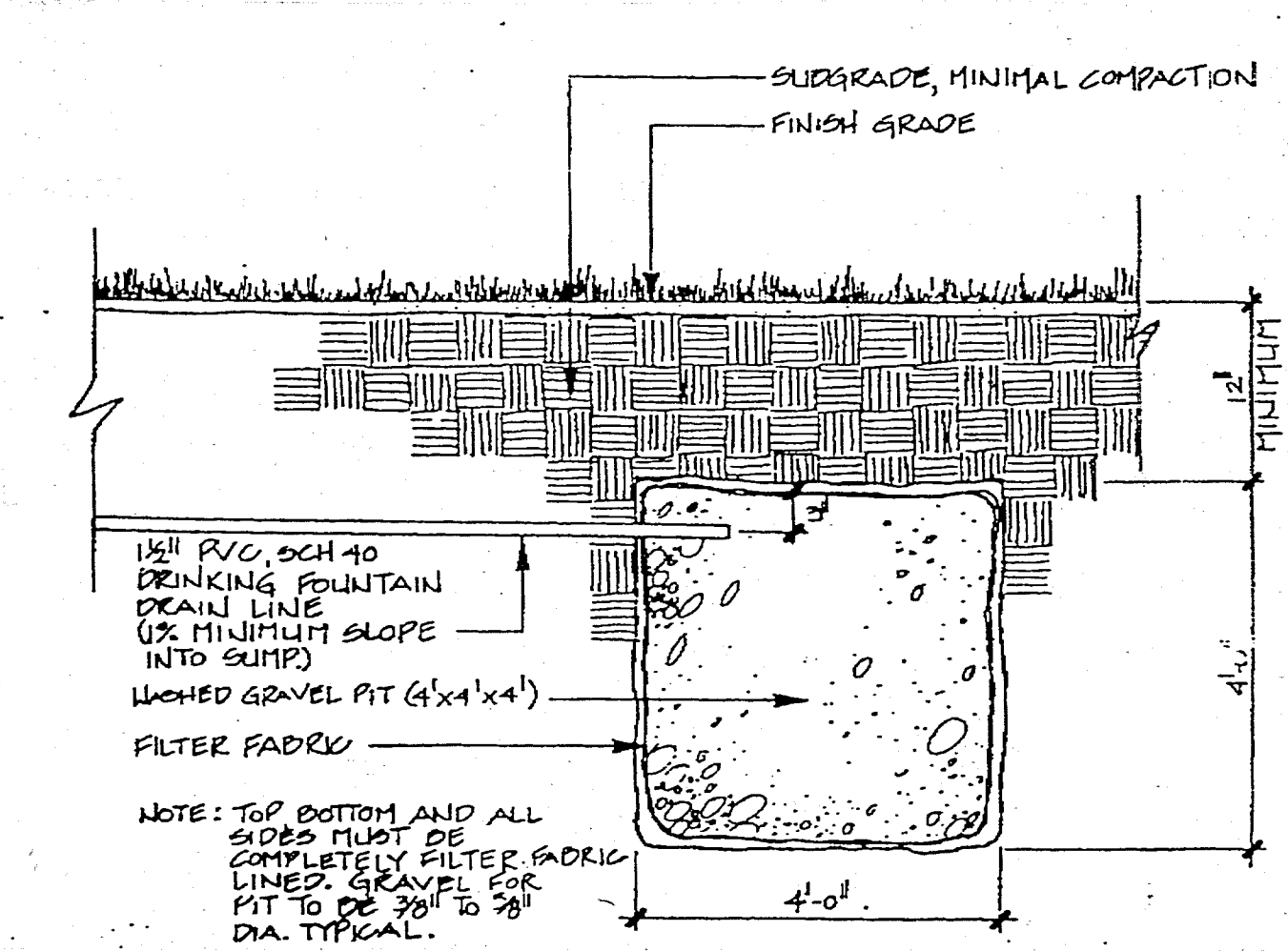
**SECTION C**  
NOT TO SCALE



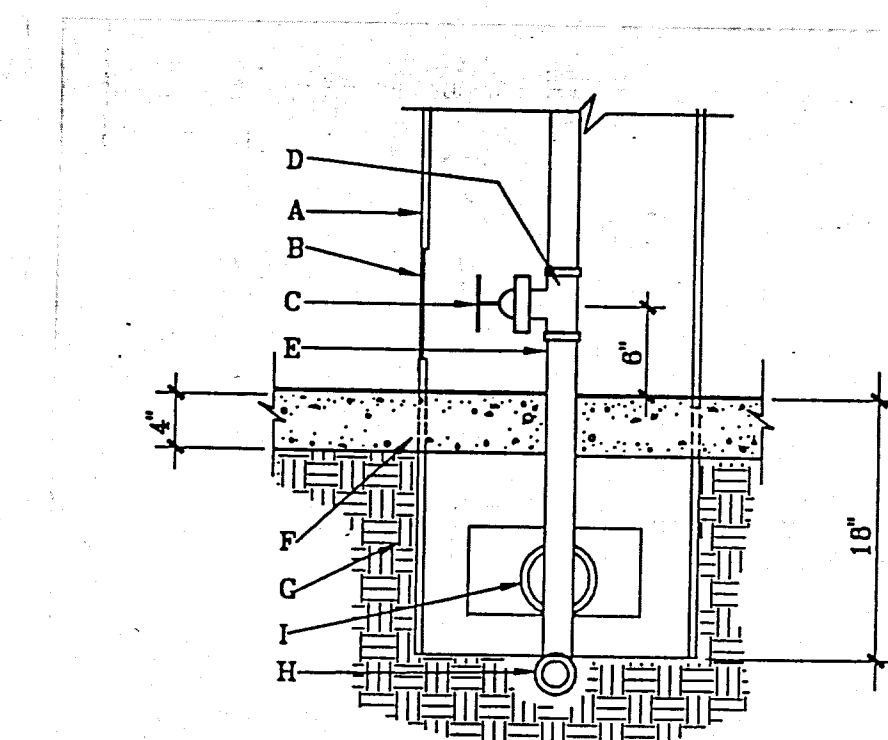
**SECTION D**  
NOT TO SCALE



**ENTRY DETAIL**  
NOT TO SCALE



**DRINKING FOUNTAIN SUMP**  
NOT TO SCALE



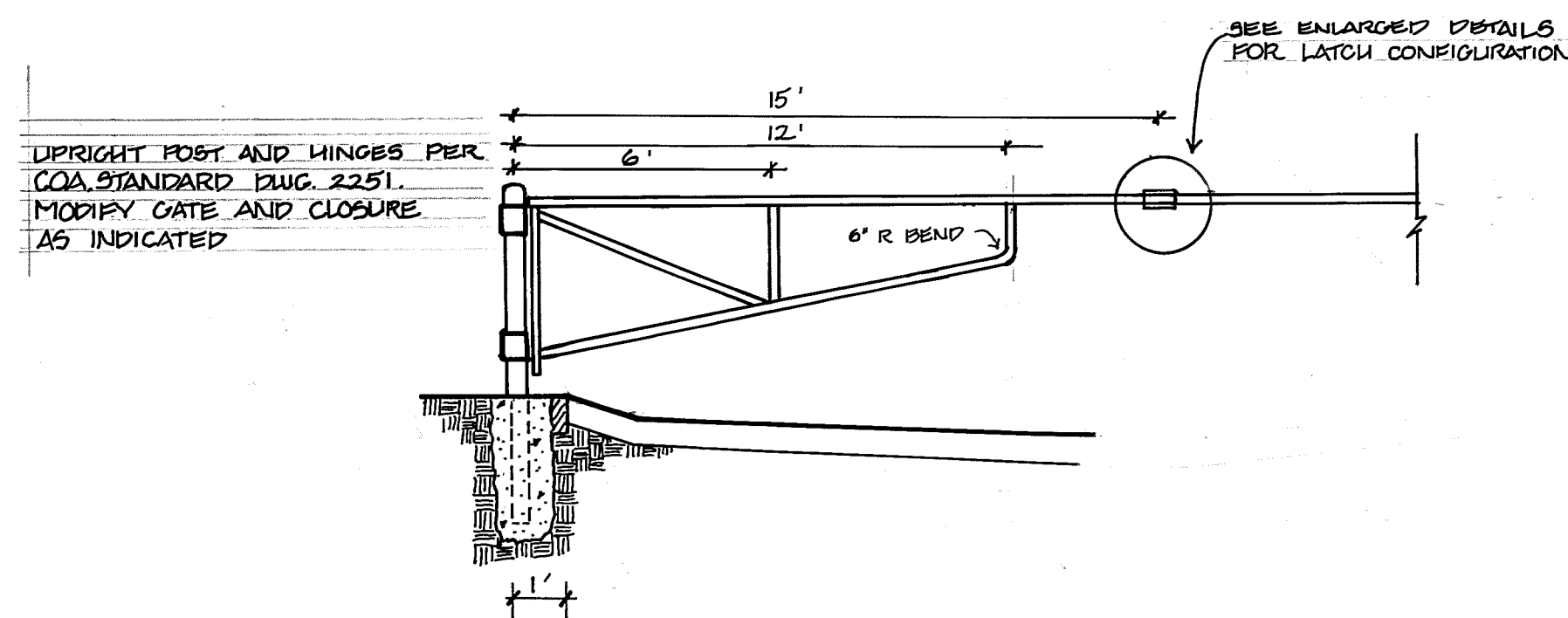
- CONSTRUCTION NOTES:**
- DRINKING FOUNTAIN (SEE PRODUCT SCHEDULE) ASSEMBLE ACCORDING TO MANUFACTURER'S SPECS. INSTALL VERTICAL.
  - DOOR FOR OPENING TO BALL DRAIN AREA.
  - BALL DRAIN, CHAMPION DV050 1/2\".
  - GALVANIZED TEE.
  - 1/2\" NYLON REINFORCED TUBING.
  - CONCRETE PAVING.
  - COMPACTED BACKFILL.
  - WATER SUPPLY LINE TO VALVE BOX W/ GATE VALVE. SEE IRRIGATION PLAN FOR VALVE LOCATION.
  - 1 1/2\" PVC DRAIN TO DRINKING FOUNTAIN SUMP.

**DRINKING FOUNTAIN W/ BALL DRAIN** N.T.S.

- NOTES:**
- ALL STEEL MEMBERS FOR FENCE CONSTRUCTION TO BE .083\" WALL THICKNESS (14 GA. SQUARE TUBULAR).
  - ALL STEEL MEMBERS TO BE FINISHED WITH 1 PRIMER COAT + IRON CLAD (RETARDO) #163 AND 2 COATS IRON CLAD (QUICK DRY INDUSTRIAL) #071. FINISH COLOR TO BE WHITE.
  - STUCCO COLOR #111 \"DRIPTWOOD\" FROM EL RAY STUCCO CO., INC. OR #161 \"MOCHA\" FROM WESTERN STUCCO PRODUCTS.

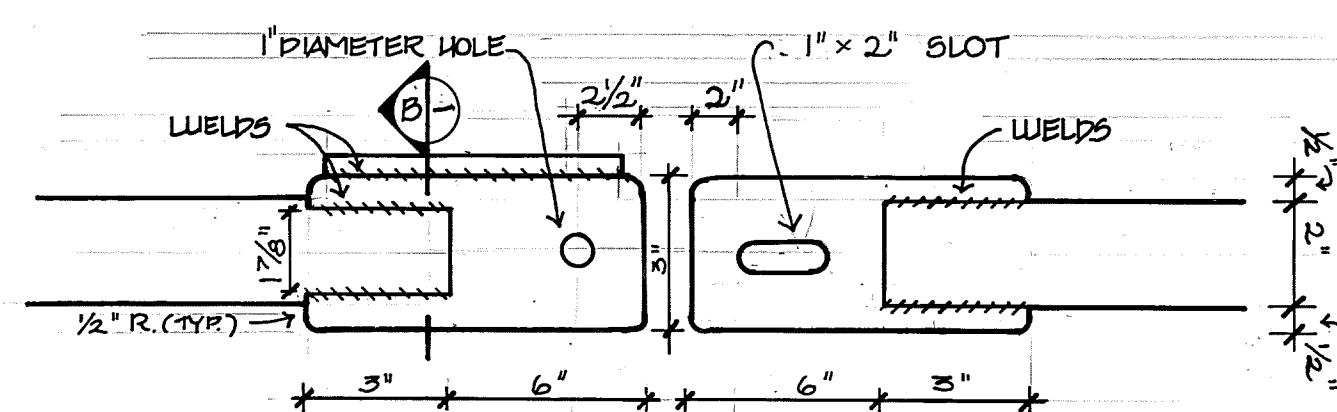
| AS BUILT INFORMATION |      | BENCH MARKS |      | SURVEY INFORMATION |      | FIELD NOTES |      | ENGINEER'S SEAL |      | REVISIONS   |      | DESIGN      |      | DATE        |      |
|----------------------|------|-------------|------|--------------------|------|-------------|------|-----------------|------|-------------|------|-------------|------|-------------|------|
| CONTRACTOR           | DATE | NO.         | BY   | NO.                | BY   | NO.         | BY   | NO.             | BY   | NO.         | BY   | NO.         | BY   | NO.         | BY   |
| WORK                 | DATE | DATE        | DATE | DATE               | DATE | DATE        | DATE | DATE            | DATE | DATE        | DATE | DATE        | DATE | DATE        | DATE |
| REVISIONS            | DATE | REVISIONS   | DATE | REVISIONS          | DATE | REVISIONS   | DATE | REVISIONS       | DATE | REVISIONS   | DATE | REVISIONS   | DATE | REVISIONS   | DATE |
| DESIGNED BY          | DATE | DESIGNED BY | DATE | DESIGNED BY        | DATE | DESIGNED BY | DATE | DESIGNED BY     | DATE | DESIGNED BY | DATE | DESIGNED BY | DATE | DESIGNED BY | DATE |
| DRAWN BY             | DATE | DRAWN BY    | DATE | DRAWN BY           | DATE | DRAWN BY    | DATE | DRAWN BY        | DATE | DRAWN BY    | DATE | DRAWN BY    | DATE | DRAWN BY    | DATE |
| CHECKED BY           | DATE | CHECKED BY  | DATE | CHECKED BY         | DATE | CHECKED BY  | DATE | CHECKED BY      | DATE | CHECKED BY  | DATE | CHECKED BY  | DATE | CHECKED BY  | DATE |

|                                                                     |            |         |             |            |        |
|---------------------------------------------------------------------|------------|---------|-------------|------------|--------|
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING GROUP |            |         |             |            |        |
| TITLE: WELLS PARK RENOVATION<br>MISCELLANEOUS DETAILS               |            |         |             |            |        |
| APPROVALS                                                           | ENGINEER   | DATE    | APPROVALS   | ENGINEER   | DATE   |
| DRC CHAIRMAN                                                        | R. W. Kane | 3-1-94  | WATER       | R. W. Kane | 3-1-94 |
| TRANSPORT                                                           | R. W. Kane | 3-1-94  | WASTE WATER | R. W. Kane | 3-1-94 |
| HYDROLOGY                                                           | D. Scima   | 3-1-94  | PARKS       | D. Scima   | 3-1-94 |
| PROJECT NO.                                                         | 4564-90    | MAP NO. | J-14        | SHEET OF   | 6 12   |



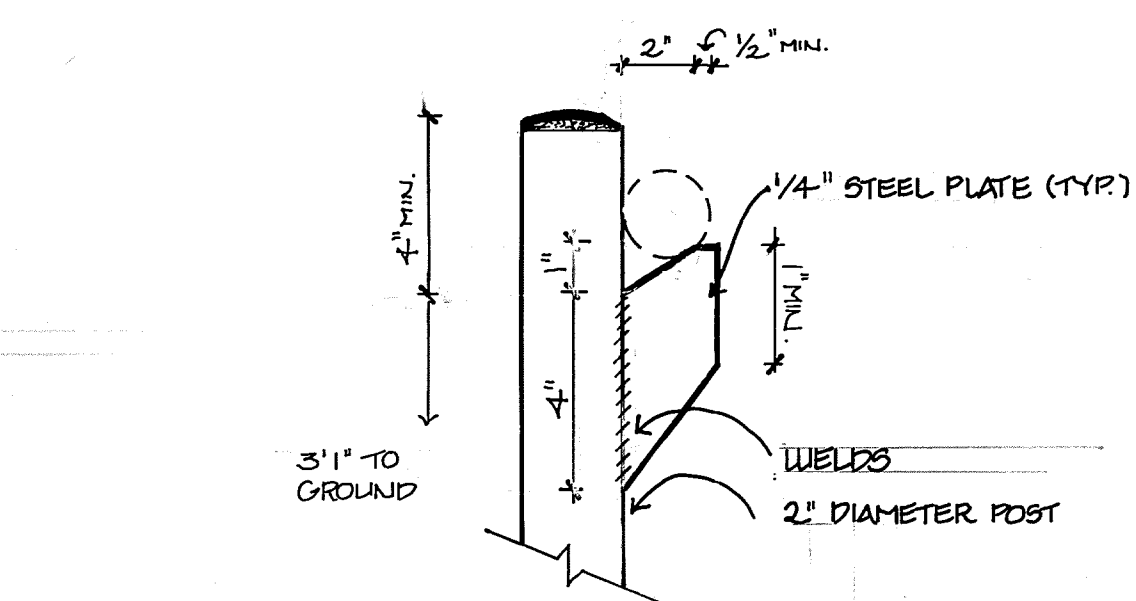
PIPE GATE DETAIL

SCALE: N.T.S.



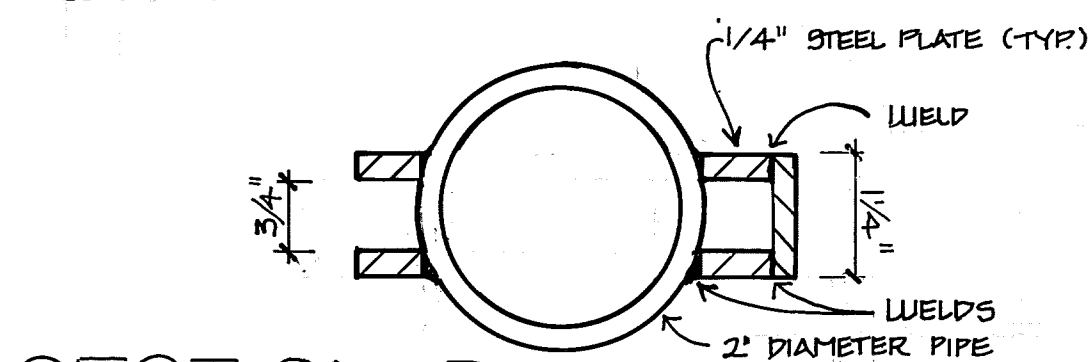
PLAN VIEW OF LATCH PLATES

SCALE: N.T.S.



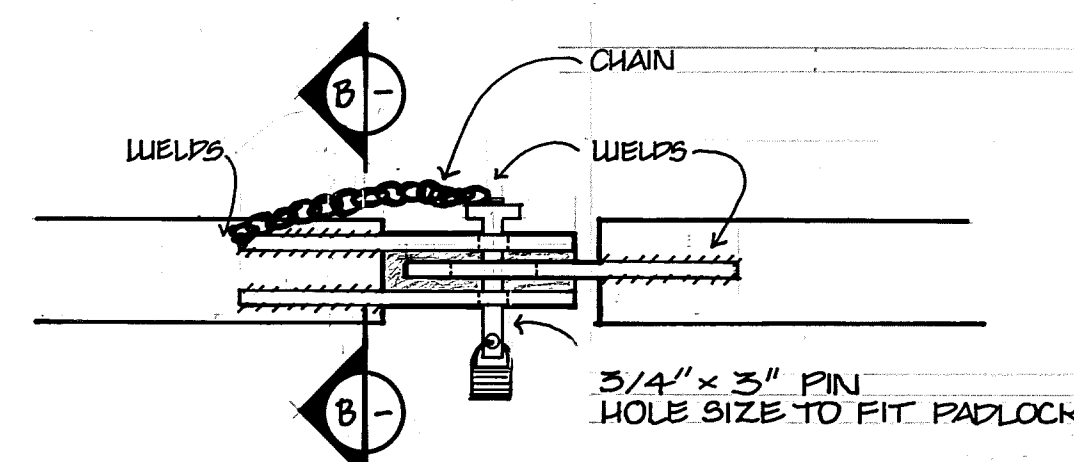
POST FOR OPEN GATE

SCALE: N.T.S.



SECTION B-B

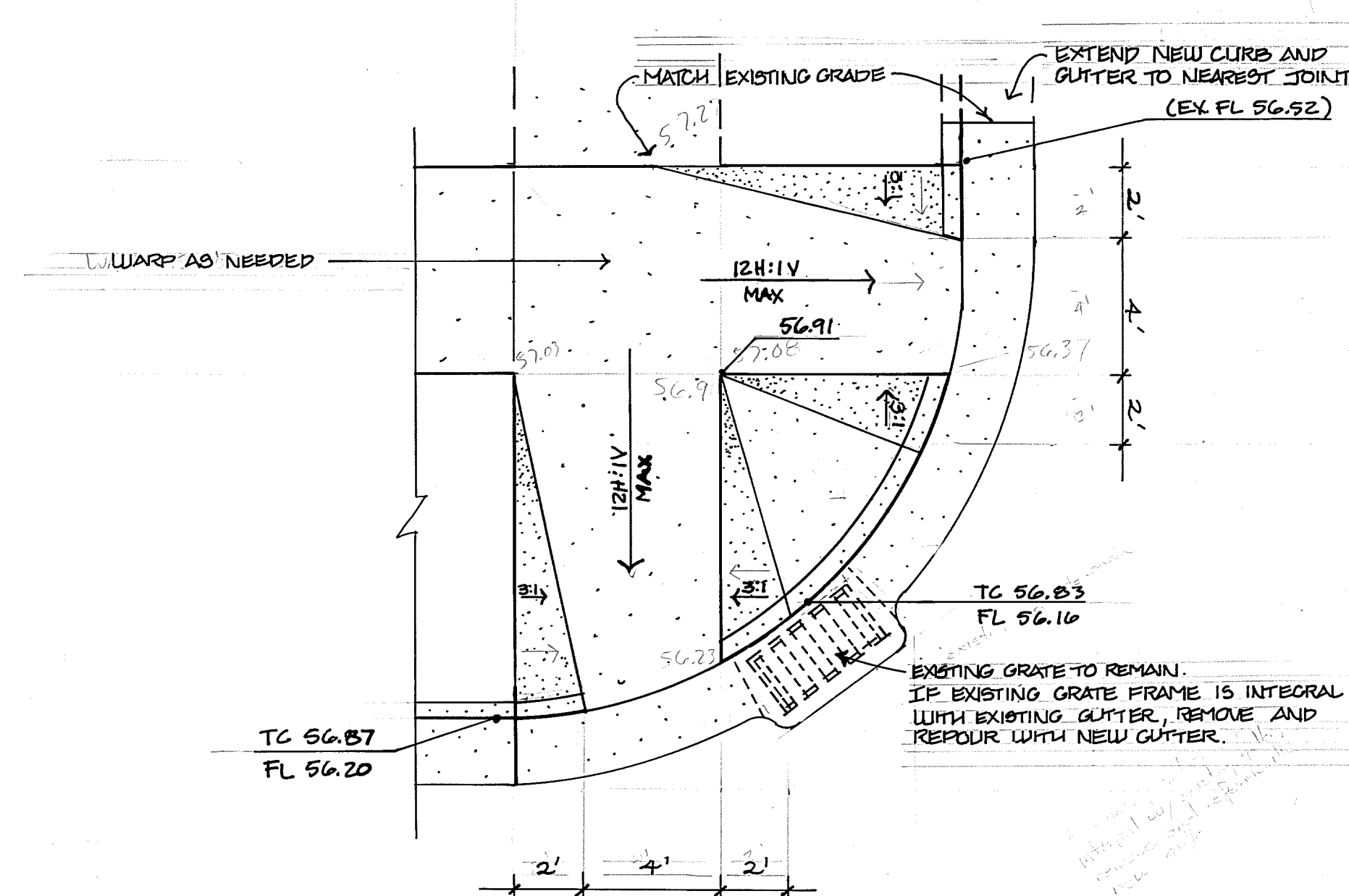
SCALE: N.T.S.



LATCH PLATES:

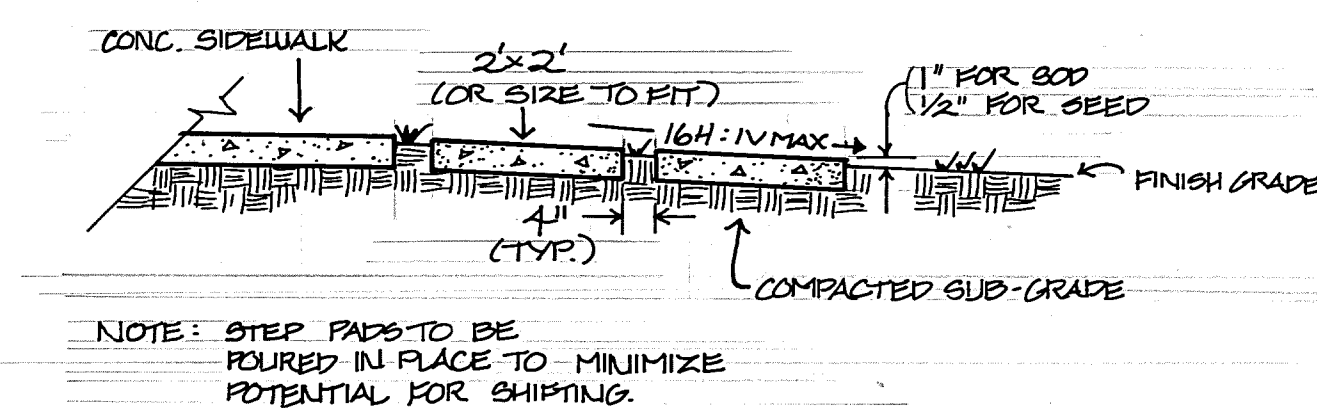
ELEVATION VIEW

SCALE: N.T.S.



DOUBLE HANDICAP RAMP

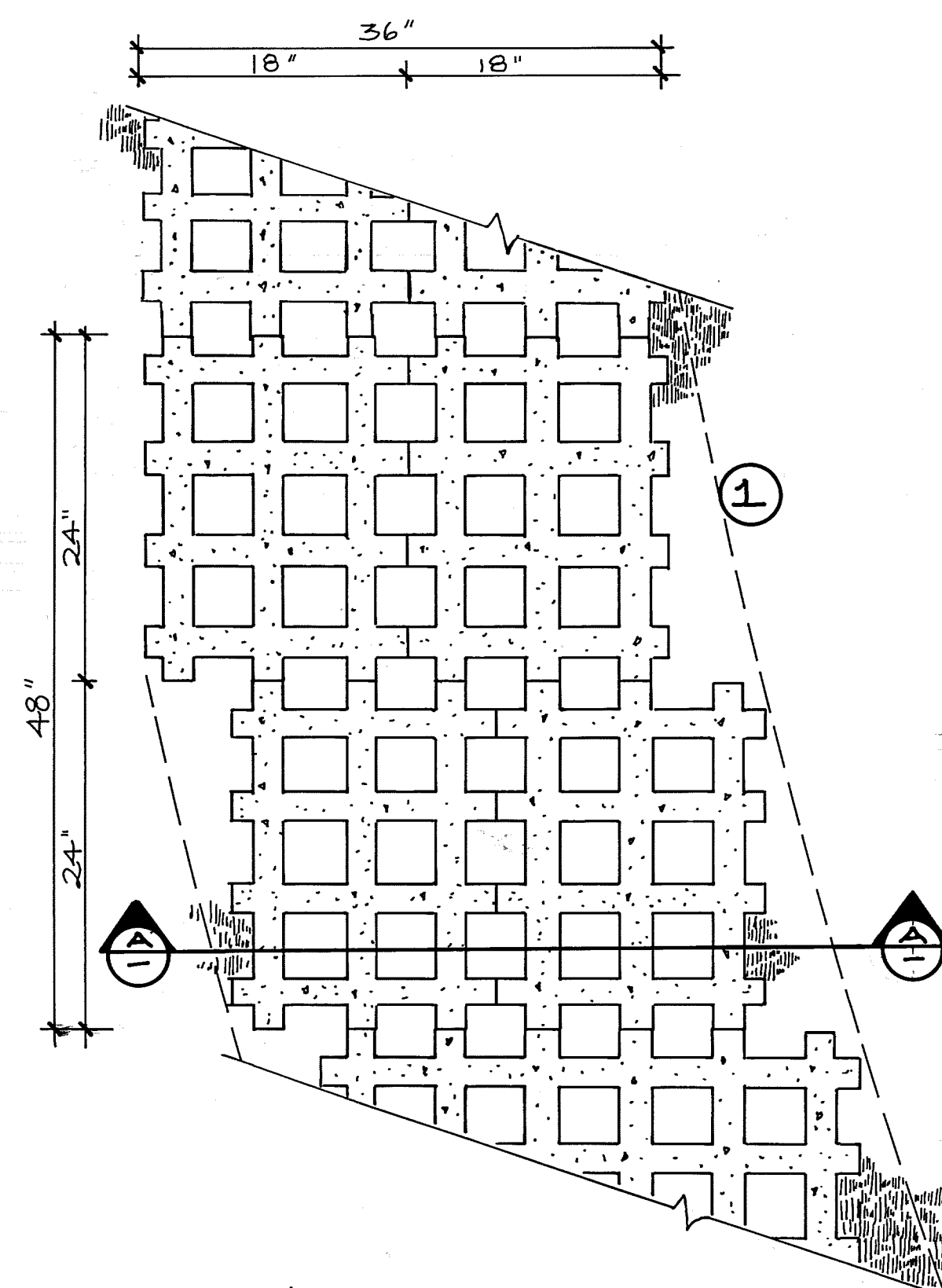
SCALE: N.T.S.



STEPPING STONE DETAIL

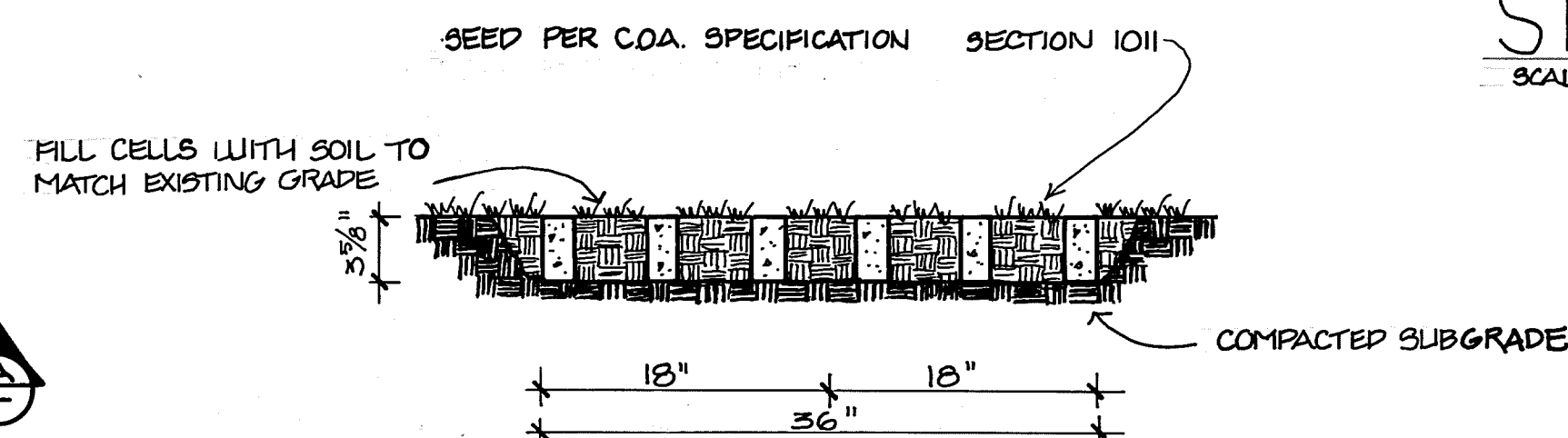
SCALE: N.T.S.

① NOTE: OFF-SET TURF PAVERS TO FOLLOW CURVE SHOWN ON PLANS. ALL RIBS IN BLOCKS TO ALIGN.



TURF PAVERS: PLAN VIEW

SCALE: N.T.S.



TURF PAVERS: SECTION A-A

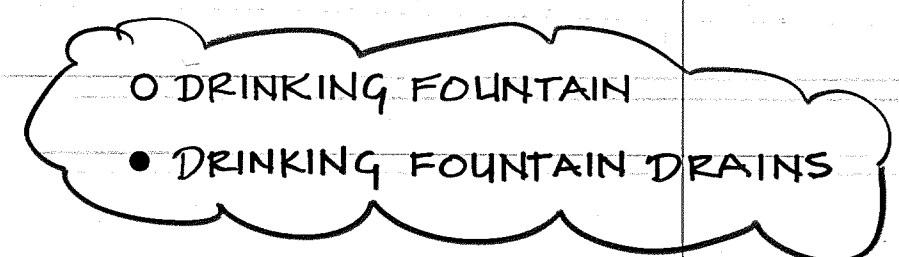
SCALE: N.T.S.

| ENGINEER'S SEAL |      | SURVEY INFORMATION |    | BENCH MARKS |      | AS BUILT INFORMATION   |      |
|-----------------|------|--------------------|----|-------------|------|------------------------|------|
| NO.             | DATE | NO.                | BY | NO.         | DATE | CONTRACTOR             | DATE |
|                 |      |                    |    |             |      | INSPECTOR'S            | DATE |
|                 |      |                    |    |             |      | FIELD                  | DATE |
|                 |      |                    |    |             |      | VERIFICATION BY        | DATE |
|                 |      |                    |    |             |      | CORRECTED BY           | DATE |
|                 |      |                    |    |             |      | MICRO-FILM INFORMATION |      |
|                 |      |                    |    |             |      | RECORDED BY            | DATE |
|                 |      |                    |    |             |      | NO.                    |      |



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
26-45649.10 0895

| CITY OF ALBUQUERQUE<br>PARKS AND GENERAL SERVICES<br>DESIGN AND DEVELOPMENT |           |         |        |
|-----------------------------------------------------------------------------|-----------|---------|--------|
| TITLE: WELLS PARK RENOVATION<br>MISCELLANEOUS DETAILS                       |           |         |        |
| APPROVALS                                                                   | ENGINEER  | DATE    | DATE   |
| DRC CHAIRMAN                                                                | R.W. Kane | 3/1/94  | 3-1-94 |
| TRANSPORT.                                                                  | R.W. Kane | 3-1-94  | 3-1-94 |
| HYDROLOGY                                                                   | D. Seem   | 3-1-94  | 3-1-94 |
| PROJECT NO.                                                                 | 4564-90   | MAP NO. | J-14   |
|                                                                             |           | SHEET   | 8      |
|                                                                             |           | OF      | 12     |



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- DRINKING FOUNTAIN DRAINS

= EXISTING SURUB HEADS; STA. #8

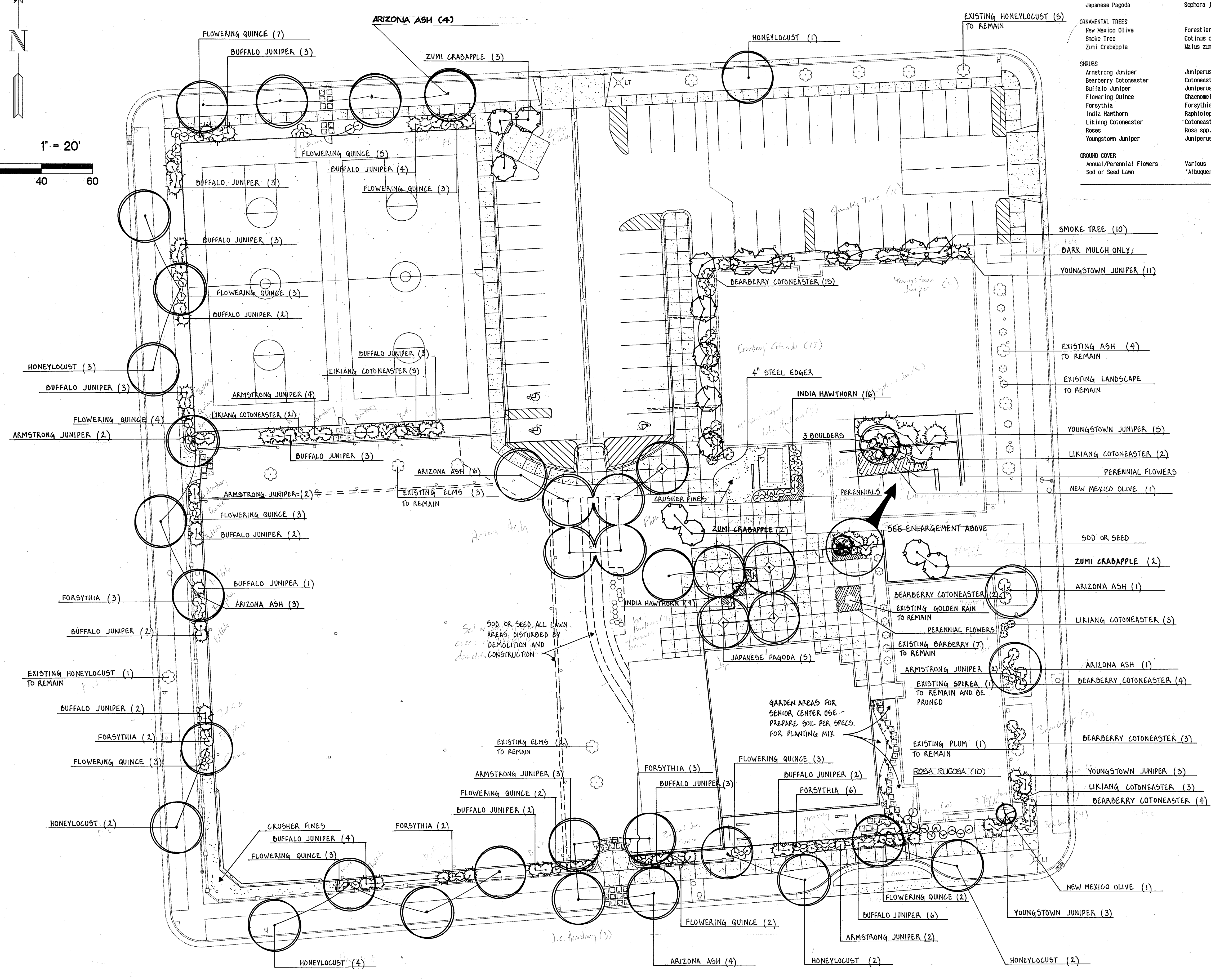
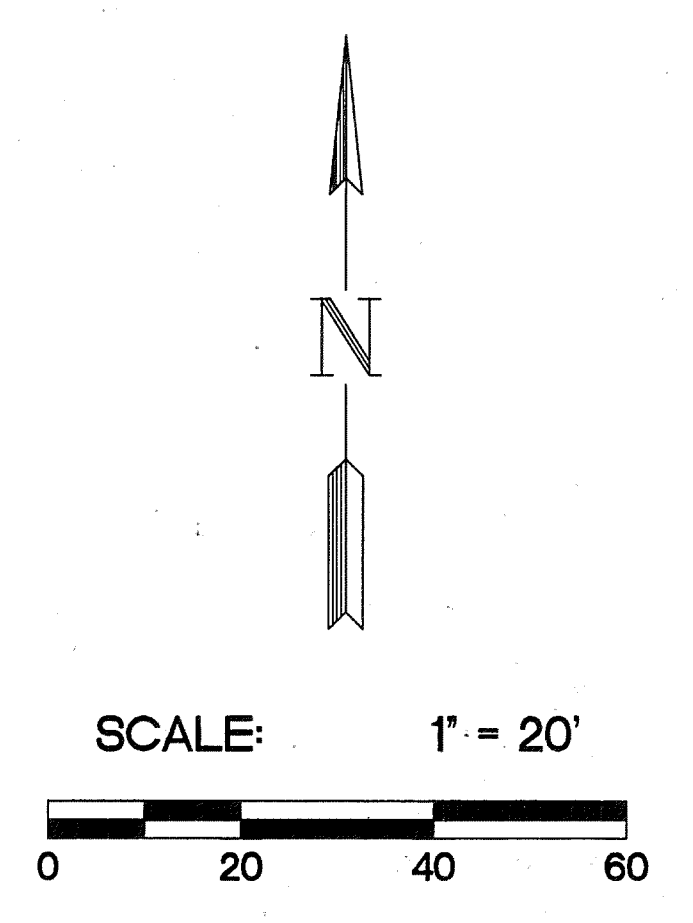
# History

ADD 3 HEADS TO  
EXISTING VALVE STA. #4

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|             |         |       |    |
|-------------|---------|-------|----|
| PROJECT NO. | MAP NO. | SHEET | OF |
| 4564.90     | J-14    | 9     | 12 |

2 1/2"



| PLANT LIST               |                                     |             |             |                               |
|--------------------------|-------------------------------------|-------------|-------------|-------------------------------|
| COMMON NAME              | BOTANICAL NAME                      | QUANTITY    | SIZE        | COMMENT                       |
| SHADE TREES              |                                     |             |             |                               |
| Arizona Ash              | Fraxinus velutina                   | 19          | 2-1/2" cal. | Alternate: F.v. 'Rio Grande'  |
| Honeylocust              | Gleditsia triacanthos Inermis       | 14          | -           |                               |
| Japanese Pagoda          | Sophora japonica                    | 5           | 2" cal.     | Specimen quality              |
| ORNAIMENTAL TREES        |                                     |             |             |                               |
| New Mexico Olive         | Forstiera neomexicana               | 2           | 15 gal.     | Multi-trunk                   |
| Smoke Tree               | Cotinus coccinea                    | 10          | 1-1/2" cal. |                               |
| Zumi Crabapple           | Malus zumi calocarpa                | 7           | 1-1/2" cal. |                               |
| SHRUBS                   |                                     |             |             |                               |
| Armstrong Juniper        | Juniperus chinensis 'Armstrongii'   | 15          | 5 gal.      |                               |
| Bearberry Cotoneaster    | Cotoneaster dameri                  | 28          | 5 gal.      |                               |
| Buffalo Juniper          | Juniperus sabinna 'Buffalo'         | 48          | 5 gal.      |                               |
| Flowering Quince         | Chaenomeles speciosa 'Sanford Red'  | 40          | 5 gal.      | Alternate: 'Texas Scarlet'    |
| Forsythia                | Forsythia intermedia 'Lynwood Gold' | 16          | 5 gal.      | Alternate: 'Karl Sax'         |
| Indian Hawthorn          | Raphiolepis indica 'Pink Cloud'     | 25          | 5 gal.      |                               |
| Likiang Cotoneaster      | Cotoneaster congestus 'Likiang'     | 15          | 5 gal.      | Alternate: 'Pyreneus'         |
| Roses                    | Rosa spp.                           | 10          | -           | Hybrid Tea or Floribunda      |
| Youngstown Juniper       | Juniperus horizontalis 'Youngstown' | 22          | 5 gal.      | Alternate: 'Plumosa Compacta' |
| GROUND COVER             |                                     |             |             |                               |
| Annual/Perennial Flowers | Various                             | 210 sq.ft.  | -           |                               |
| Sod or Seed Lawn         | 'Albuquerque Blend'                 | 2085 sq.ft. | -           | Bluegrass/Rye/etc. mix        |

- NOTES:
- All planting to follow City of Albuquerque Standard Specifications Section 1000. (Subsections 1005, 1010, 1011, as required).
  - All planting beds shall be mulched with a 4" layer of bark mulch.

| AS-BUILT INFORMATION   |      | BENCH MARKS            |      | SURVEY INFORMATION     |      | ENGINEER'S SEAL        |  |
|------------------------|------|------------------------|------|------------------------|------|------------------------|--|
| CONTRACTOR             | DATE | CONTRACTOR             | DATE | NO.                    | DATE |                        |  |
| WORK                   | DATE | WORK                   | DATE | BY                     | DATE |                        |  |
| STAMPED BY             | DATE | STAMPED BY             | DATE | NO.                    | DATE | REVISIONS              |  |
| FIELD ACCEPTANCE BY    | DATE | FIELD ACCEPTANCE BY    | DATE | NO.                    | DATE |                        |  |
| DRAWINGS               | DATE | DRAWINGS               | DATE | NO.                    | DATE | DESIGN                 |  |
| CORRECTED BY           | DATE | CORRECTED BY           | DATE | NO.                    | DATE |                        |  |
| MICRO-FILM INFORMATION |      | MICRO-FILM INFORMATION |      | MICRO-FILM INFORMATION |      | MICRO-FILM INFORMATION |  |
| RECORDED BY            | DATE | RECORDED BY            | DATE | RECORDED BY            | DATE | RECORDED BY            |  |
| NO.                    | DATE | NO.                    | DATE | NO.                    | DATE | NO.                    |  |

DESIGNED BY: R.W. KAM 3-1-94  
DRAWN BY: R.W. KAM 3-1-94  
CHECKED BY: R.W. KAM 3-1-94

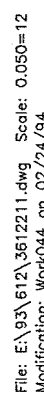
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
20-4564-90 11095

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: **WELLS PARK RENOVATION LANDSCAPING PLAN**

|              |          |        |             |          |        |
|--------------|----------|--------|-------------|----------|--------|
| APPROVALS    | ENGINEER | DATE   | APPROVALS   | ENGINEER | DATE   |
| DRC CHAIRMAN | B.G. S.  | 3/1/94 | WATER       | R.W. Kam | 3-1-94 |
| TRANSPORT.   | R. S.    | 3-94   | WASTE WATER | R.W. Kam | 3-1-94 |
| HYDROLOGY    | J. S.    | 3/3/94 | PARKS       | D. S.    | 3-1-94 |

PROJECT NO: 4564-90 MAP NO. J-14 SHEET 10 OF 12

[illegible]

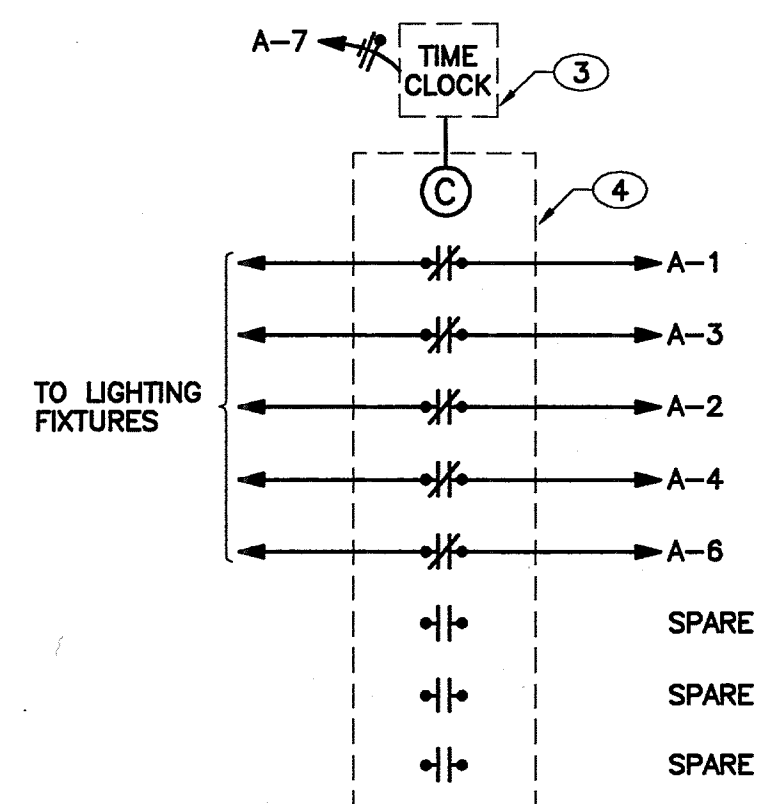
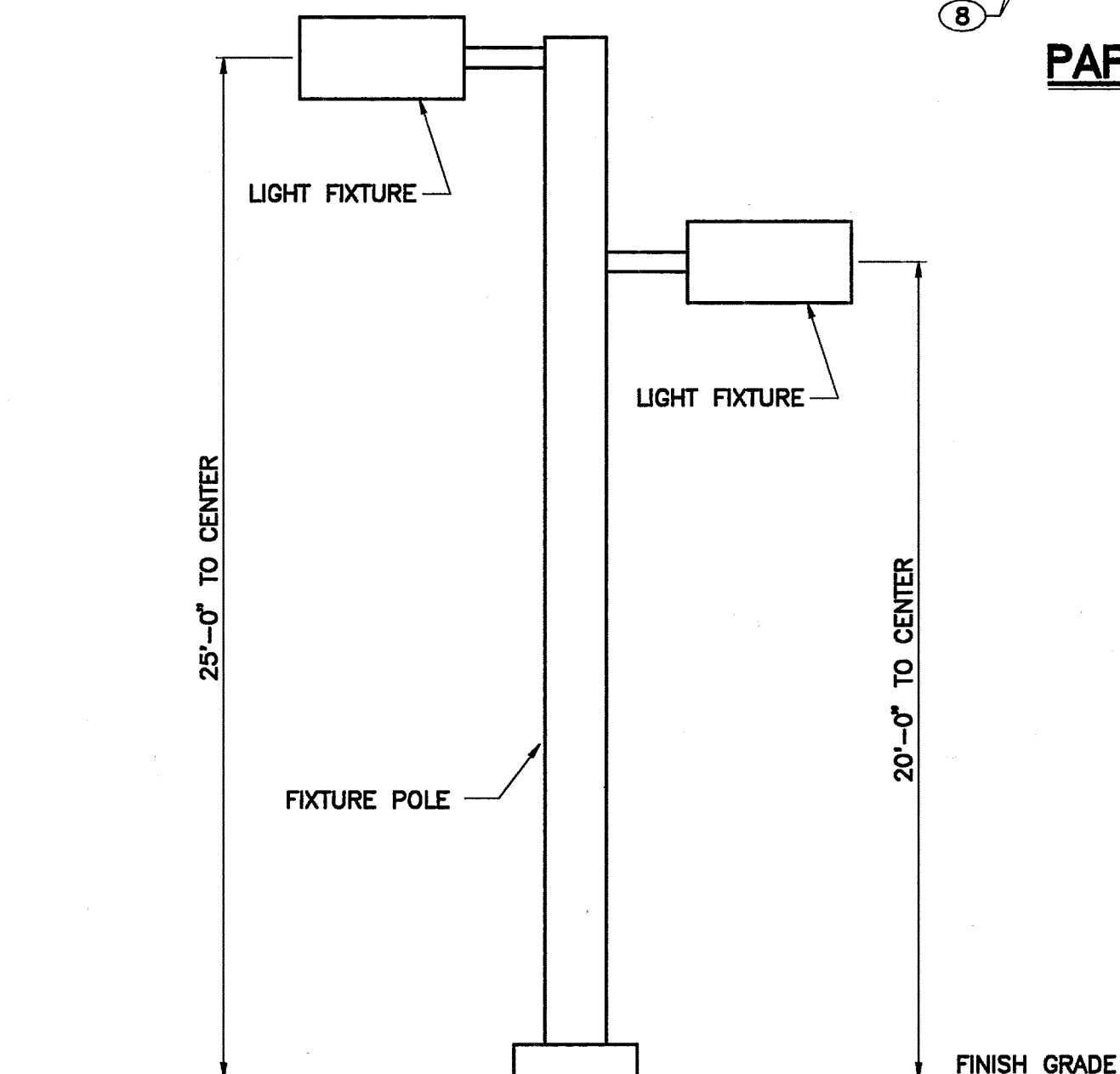


| ELECTRICAL LEGEND |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| SYMBOL            | DESCRIPTION                                                                                                                |
| ●-□               | POLE MOUNTED FIXTURE. TYPE AS INDICATED IN FIXTURE SCHEDULE.                                                               |
| ■                 | BRANCH CIRCUIT PANEL.                                                                                                      |
| —(P)—             | CONCEALED BRANCH CIRCUIT WITH CONDUCTORS INDICATED. NEUTRAL, HOT, SWITCH AND GROUND RESPECTIVELY.                          |
| —(P)—             | BRANCH CIRCUIT CONCEALED UNDERFLOOR OR UNDERCARPET WITH CONDUCTORS INDICATED. NEUTRAL, HOT SWITCH AND GROUND RESPECTIVELY. |
| —(P1-2,4)—        | HOME RUN TO PANEL WITH BRANCH CIRCUIT NUMBERS INDICATED.                                                                   |

|              |                         |              |                                         |
|--------------|-------------------------|--------------|-----------------------------------------|
| PANEL: "A" ① | VOLTS: 120/240-1 $\phi$ | MAINS: 100A  | NC: 10,000                              |
|              | SHORTS: N/A             | FEED: BOTTOM | MAIN BREAKER: 100A/2P MOUNTING: SURFACE |

| DESCRIPTION      | BKR    | LOAD (VA)<br>COT NO | LOAD (VA) |      | COT NO<br>LOAD (VA) | BKR  | DESCRIPTION     |                    |
|------------------|--------|---------------------|-----------|------|---------------------|------|-----------------|--------------------|
|                  |        |                     | #A        | #B   |                     |      |                 |                    |
| LIGHTING         | 20A-1P | 200                 | 1         | 1400 | 2                   | 1200 | 20A-1P LIGHTING |                    |
| LIGHTING         | 20A-1P | 1200                | 3         |      | 2400                | 4    | 1200            | 20A-1P LIGHTING    |
| LIGHTING         | 20A-1P | 1500                | 5         | 3000 | 6                   | 1500 | 20A-1P LIGHTING |                    |
| LIGHTING CONTROL | 20A-1P | 500                 | 7         |      | 1000                | 8    | 500             | 20A-1P RECEPTACLES |
| SPARE            | 20A-1P | 9                   |           |      |                     | 10   | 20A-1P SPARE    |                    |
| SPARE            | 20A-1P | 11                  |           |      |                     | 12   | 20A-1P SPARE    |                    |
| SPARE            | 20A-1P | 13                  |           |      |                     | 14   | 20A-1P SPARE    |                    |
| SPARE            | 20A-1P | 15                  |           |      |                     | 16   | 20A-1P SPARE    |                    |
| SPACE ONLY       | 1P     | 17                  |           |      |                     | 18   | 1P SPACE ONLY   |                    |
| SPACE ONLY       | 1P     | 19                  |           |      |                     | 20   | 1P SPACE ONLY   |                    |
| SPACE ONLY       | 1P     | 21                  |           |      |                     | 22   | 1P SPACE ONLY   |                    |
| SPACE ONLY       | 1P     | 23                  |           |      |                     | 24   | 1P SPACE ONLY   |                    |
|                  |        | TOTAL (VA)          | 3400      |      | 3400                |      |                 |                    |

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| TOTAL CONNECTED (kVA): 6.8 | ESTIMATED DEMAND (kVA): 6.8 | DOOR-IN-DOOR<br>GROUND-BUS |
|----------------------------|-----------------------------|----------------------------|



- (1) NEW PANELBOARD IN NEMA 3R ENCLOSURE WITH HASP AND PADLOCK. MOUNT SECURELY TO UNISTRUT FRAME.
- (2) UNISTRUT FRAME MOUNTED SECURELY TO FINISHED GRADE.
- (3) TIMECLOCK SHALL BE TORK #7120-0 IN RAINIGHT ENCLOSURE.
- (4) PROVIDE AND INSTALL A 20 AMP, 8 POLE MECHANICALLY HELD CONTACTOR IN RAINIGHT ENCLOSURE. SQUARE "D" #LXW#80-120 WITH HASP AND PADLOCK.
- (5) BASE PLATE SHALL BE A MINIMUM OF 6" ABOVE FINISH GRADE FOR GRASS AREAS. IN OTHER AREAS, THE BASE PLATE SHALL BE FLUSH WITH FINISH GRADE.
- (6) 3 #3 THW AND 1 #8 THHN GROUND IN 1 1/4" RIGID STEEL CONDUIT.
- (7) 480V - 120/240V 10 KVA, DRY TYPE TRANSFORMER WITH WEATHERSHIELD, MOUNT SECURELY TO FINISHED GRADE. VERIFY PRIMARY VOLTAGE WITH CITY PRIOR TO ORDERING TRANSFORMER.
- (8) INTERCEPT EXISTING FEEDER. PROVIDE A QUAZITE #PC1118BG12 BOX WITH #PC1118S000 LOCKING COVER. SPLICE NEW CONDUCTORS TO EXISTING.
- (9) 3 #10 THWN AND 1 #10 THWN GROUND IN 3/4" RIGID STEEL CONDUIT.
- (10) 800V - 30A/3P FUSIBLE DISCONNECT IN NEMA 3R ENCLOSURE. FUSE WITH BUSS 30 AMP FUSETRON FR-SR FUSES.
- (11) REPLACE EXISTING 100A/3P CIRCUIT BREAKER WITH A NEW 480 VOLT, 30A/3P CIRCUIT BREAKER.
- (12) EXISTING EXTERIOR PANEL.

[illegible]

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |   |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |   |
| 2 | 6 | - | 4 | 5 | 6 | 4 | . | 9 | 0  |    |    | 1  | 2  | 9  | 5 |

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

**TITLE:       WELLS PARK RENOVATION**  
**ELECTRICAL SCHEDULES AND DETAILS**

| APPROVALS    | ENGINEER         | DATE           | APPROVALS   | ENGINEER         | DATE          |
|--------------|------------------|----------------|-------------|------------------|---------------|
| DRC CHAIRMAN | <i>B.G.A.</i>    | <i>3/11/94</i> | WATER       | <i>R.W. Kane</i> | <i>3-1-94</i> |
| TRANSPORT.   | <i>N.P.2ND</i>   | <i>3-02-94</i> | WASTE WATER | <i>R.W. Kane</i> | <i>3-1-94</i> |
| HYDROLOGY    | <i>W. J. ...</i> | <i>5/3/94</i>  | PARKS       | <i>B. Seana</i>  | <i>3-1-94</i> |

|             |                                 |         |      |          |       |
|-------------|---------------------------------|---------|------|----------|-------|
| PROJECT NO. | 4564.90<br><del>4519-01-0</del> | MAP NO. | J-14 | SHEET OF | 12 12 |
|-------------|---------------------------------|---------|------|----------|-------|