

**CONSTRUCTION PLANS
FOR
BROADWAY INDUSTRIAL CENTER
UNIT I
ALBUQUERQUE, NEW MEXICO**



VICINITY MAP ZONE ATLAS M-14-2, L-14-Z

SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 6, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS".

2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.

3. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.

4. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.

5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICAADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (758-2581) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.

6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR IN EXISTING OR NEW LOCATION AS INDICATED BY THIS SET.

7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS UNLESS WITH THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT TO COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

8. CONTRACTOR IS RESPONSIBLE FOR SEPARATE CONSTRUCTION, TRAFFIC CONTROL PLAN TO BE APPROVED BY CITY PRIOR TO CONSTRUCTION.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

INDEX TO DRAWINGS

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|-----------|---------------------------------|
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| 3 | PLAT |
| 4 | PAVING COMPOSITE |
| 5 | SAN JOSE AVENUE PAVING PROFILE |
| 6 | KARSTEN COURT PAVING PROFILE |
| 7, 8, 9 | BROADWAY PAVING PROFILE |
| 10 | GIBSON RESTRIPPING PLAN |
| 11 | UTILITY COMPOSITE |
| 12 | SAN JOSE AVENUE UTILITY PROFILE |
| 13 | KARSTEN COURT UTILITY PROFILE |
| 14 | BETHEL AVENUE UTILITY PROFILE |
| 15 | BROADWAY BOULEVARD UTILITY |
| 16 & 17 | CONSTRUCTION TRAFFIC DETAILS |

| |
|-------------------------------|
| APPROVAL OF AS BUILT DRAWINGS |
| CHIEF CONSTRUCTION ENGINEER |
| <i>Lester Clegg</i> |
| DATE 4-10-98 |

CAUTION:

NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

dmng
D. MARK GOODMAN & ASSOCIATES, P.A.
BUILDING ENGINEERS
P.O. BOX 80600
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, CCM, Inc., and by the surveyor, ALS, Inc., and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.
James D. Hughes 7-16-98
James D. Hughes NMPE 11674

DRB CASE NO. 97-271

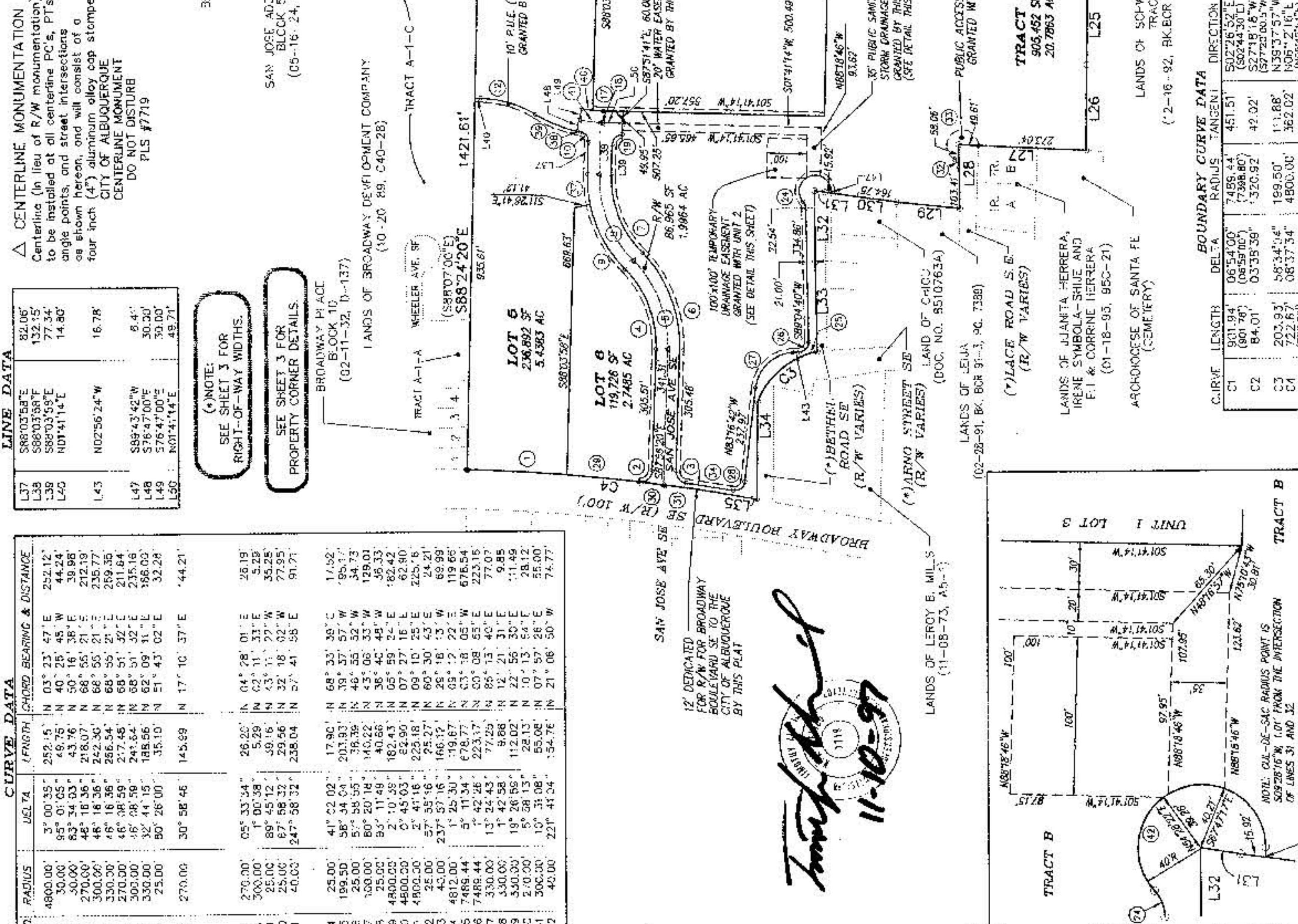
| ENGINEERS STAMP & SIGNATURE | APPROVALS | ENGINEER | DATE | USER DEPARTMENT | DATE | USER DEPARTMENT | DATE |
|-------------------------------|--|---|--|---------------------------|------|-----------------|------|
| <i>James D. Hughes</i> DRB | DRC CHAIRMAN TRANSPORTATION WATER/WASTEWATER HYDROLOGY CIP CONSTR. MNGMT. CONSTR. COORD. | <i>Billy J. Andrus</i> 4-23-98 <i>R. W. Karr</i> 4-23-98 <i>J. Young</i> 4-23-98 <i>James D. Hughes</i> 4-6-98 <i>James D. Hughes</i> 4-6-98 | 5-20-98 4-23-98 4-23-98 4-23-98 4-6-98 4-6-98 | APPROVED FOR CONSTRUCTION | | | |
| <i>James D. Hughes</i> DRB | CITY PROJECT NO. | 5807.81 | SHEET OF | Z 17 | | | |

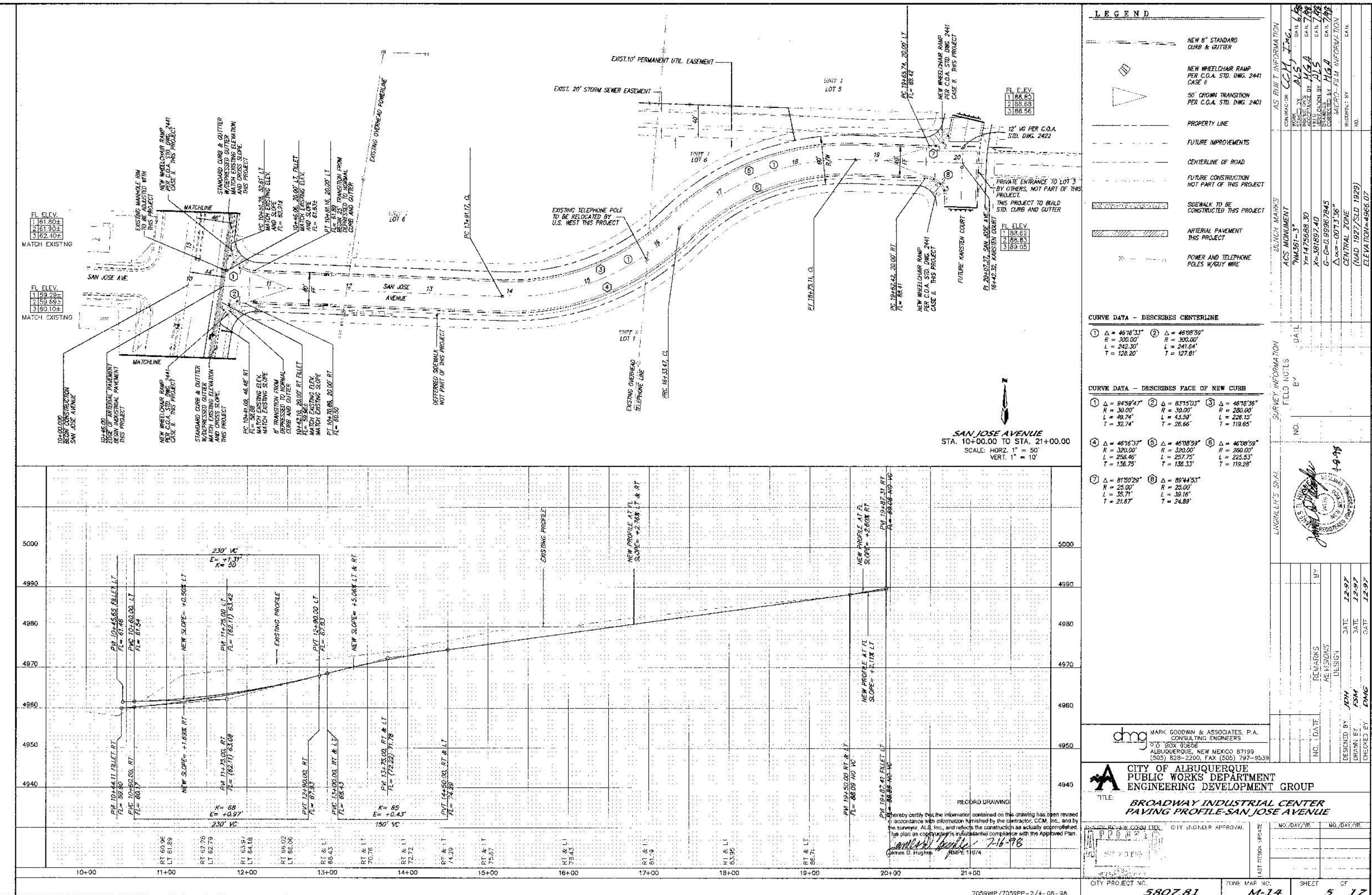
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BROADWAY INDUSTRIAL CENTER

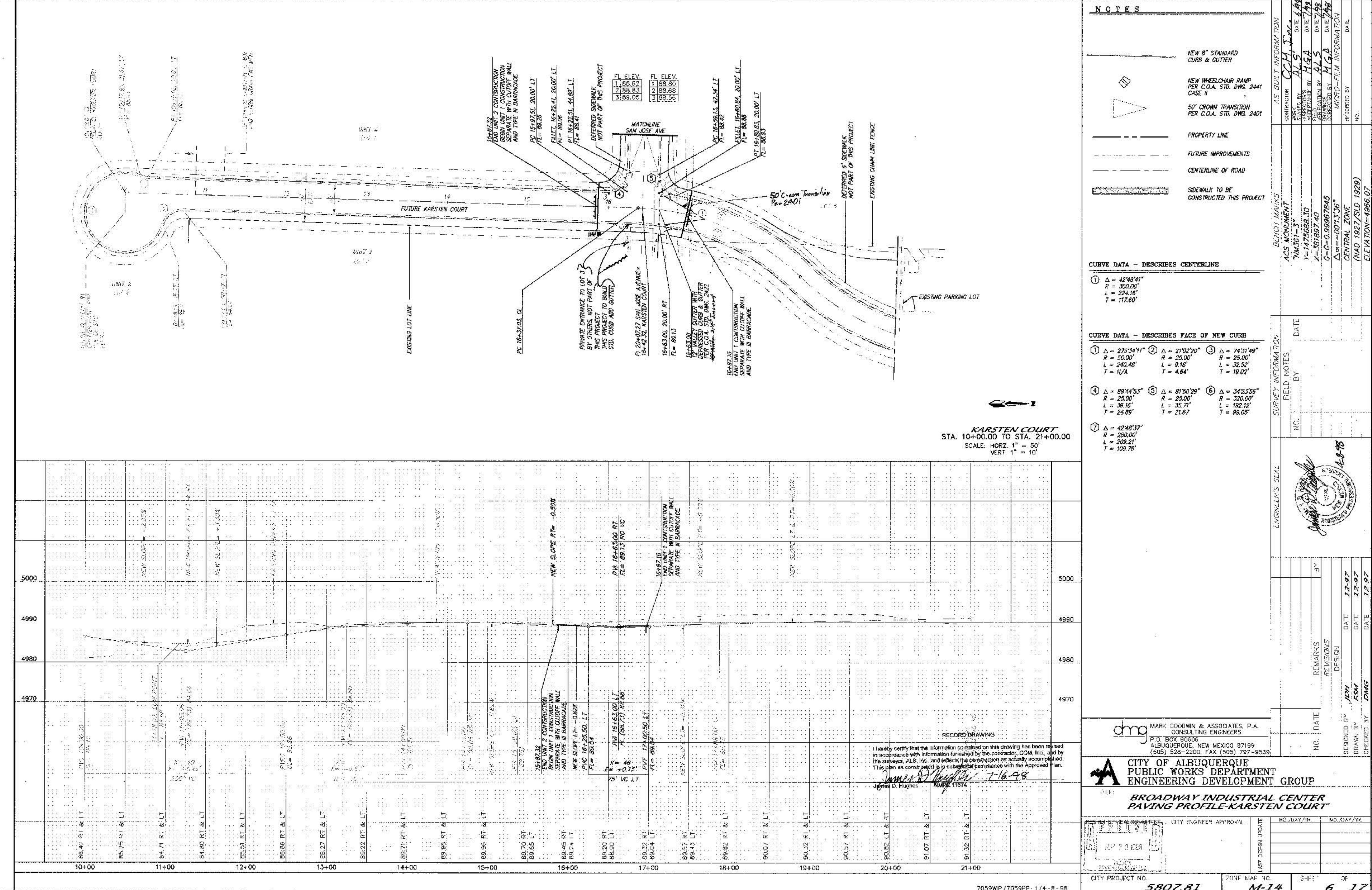
SUBDIVISION
UNIT 1

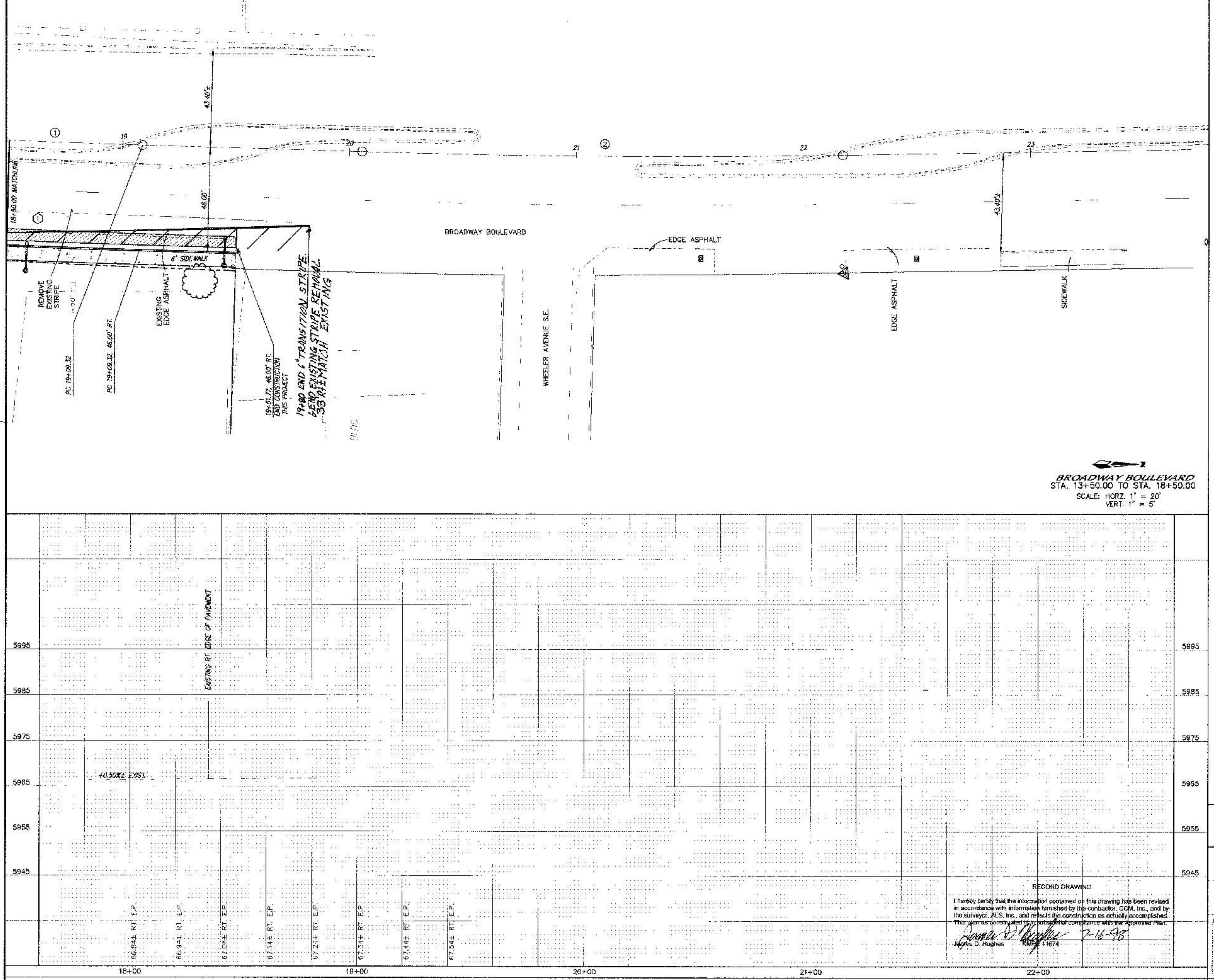
SECTIONS 28, 29, 32 AND 33
TOWNSHIP 10 NORTH, RANGE 3 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

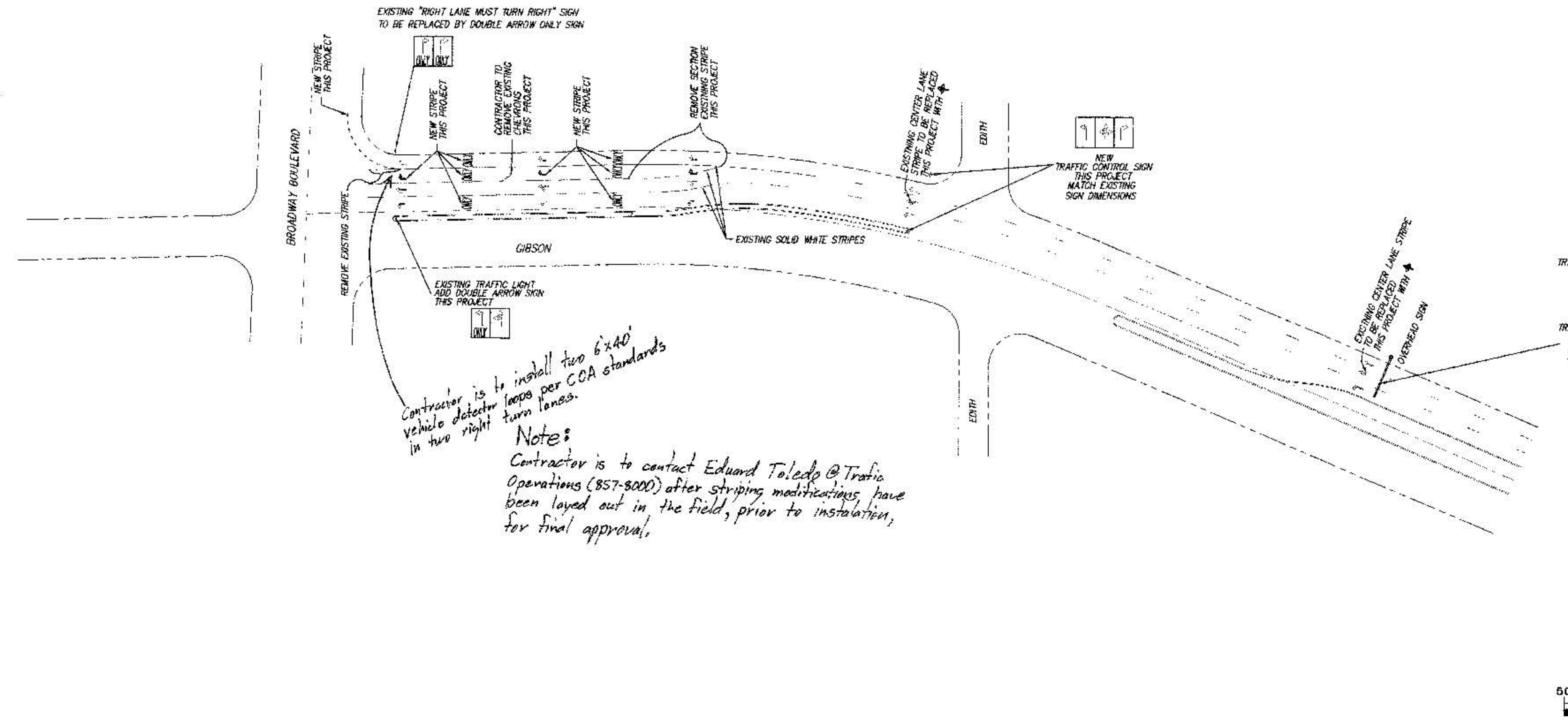
AUGUST, 1997











dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP**

**BROADWAY INDUSTRIAL CENTER
GIBSON STRIPING PLAN**

M14271-M14M11
MODEL DIA: 48"
AS-BUILT DIA: 48"

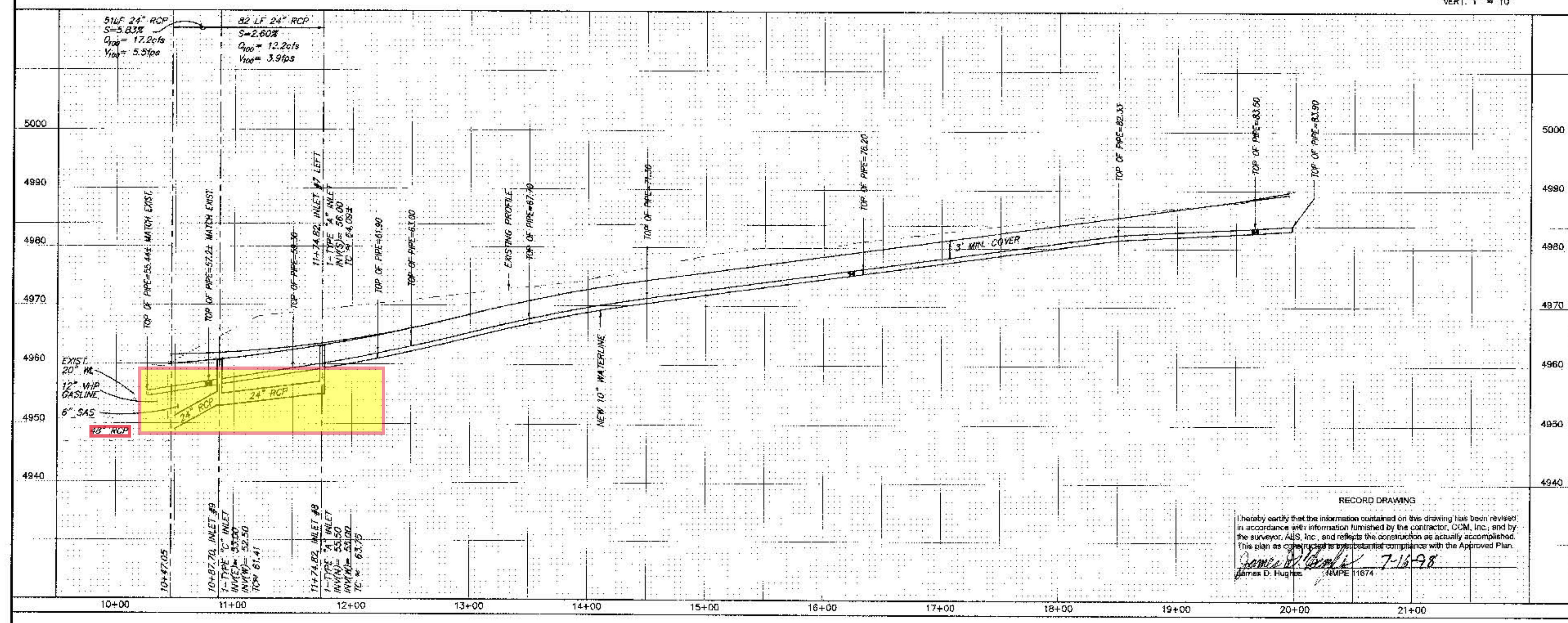
M114281-M14271
MODEL DIA: 48"
AS-BUILT DIA: 48"

M14282-M14281
MODEL DIA: 48"
AS-BUILT DIA: 48"

M14263-M14264
MODEL DIA: 54"
AS-BUILT DIA: 54"

M14PL1-M14263
MODEL DIA: 54"
AS-BUILT DIA: 54"

M14161-M14261
MODEL DIA: 72"
AS-BUILT DIA: 72"



NOTES

- ALL FITTINGS ARE TO HAVE RESTRAINED JOINTS AS FOLLOWS.

| RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.) | | | | |
|--|-----|-----|-------|--------|
| PIPE SIZE | 90° | 45° | 22.5° | 11.25° |
| 6" | 17' | 7' | - | - |
| 10" | 26' | 11' | 5' | 3' |

VALVE

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND, RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF FEET 10.00 FEET.

| RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.) | | |
|---|------------|------------|
| PIPE SIZE | LARGE SIDE | SMALL SIDE |
| 10" X 6" | 44' | - |

| RESTRAINED JOINT LENGTH FOR TEES (FT.) | | |
|--|-----|--------|
| PIPE SIZE | RUN | BRANCH |
| 10"x10"x10" | 15' | 5' |
| 10"x10"x6" | 6' | 1' |
| 6"x6"x6" | 10' | 2' |

CURVE DATA - DESCRIBES PIPE CURVE

① $\Delta = 46^{\circ}16'38''$, $R = 290.00'$, $L = 234.23'$, $T = 123.93'$
② $\Delta = 46^{\circ}08'36''$, $R = 310.00'$, $L = 249.69'$, $T = 132.06'$

| | |
|-----------------------------|---------------------|
| AS BUILT INFORMATION | |
| CONTRACTOR | GCH INC. |
| WORK DATE | 7/13/93 |
| INSPECTOR | MCA |
| REMARKS | AS-BUILT BY MCA |
| RECORDED BY | MCA FOR INFORMATION |
| ELEVATION=4966.02 | |



| | |
|-----------|------------------|
| NO. DATE | REMARKS |
| REVISIONS | DESIGN: |
| NO. DATE | DESIGNED BY: JEH |
| NO. DATE | DRAWN BY: FSM |
| NO. DATE | CHECKED BY: DMC |

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

| | | |
|----------------|-------------------|------------------------|
| RECORD DRAWING | DESIGN DRAWING | CITY ENGINEER APPROVAL |
| REVISIONS | DESIGNER APPROVAL | NO. DAY MONTH |
| NO. DAY MONTH | NO. DAY MONTH | NO. DAY MONTH |

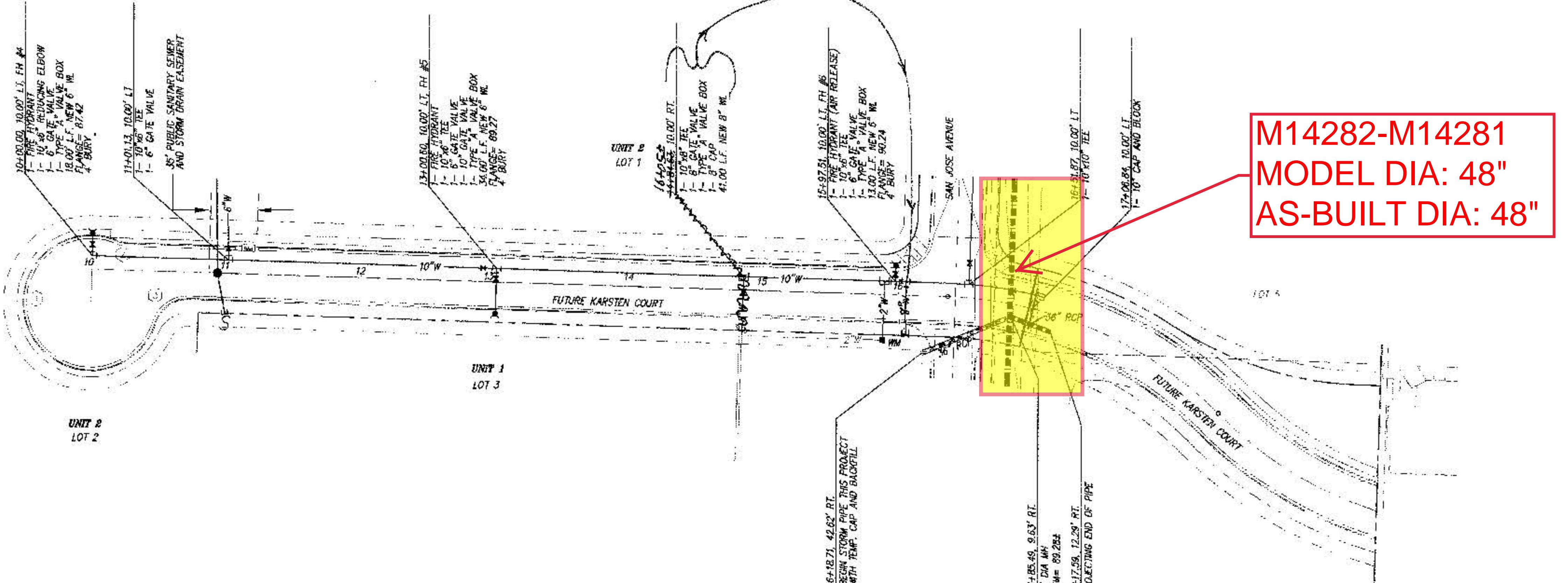
BROADWAY INDUSTRIAL CENTER
UTILITY PROFILE - SAN JOSE AVENUE

CITY PROJECT NO. 5807.81 ZONE MAP NO. M-14 SHEET 12 17

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, CCM, Inc., and by the surveyor, AUS, Inc., and reflects the construction as actually accomplished. This plan as submitted is in substantial compliance with the Approved Plan.

James D. Hughes NMPE 11674 7-16-98

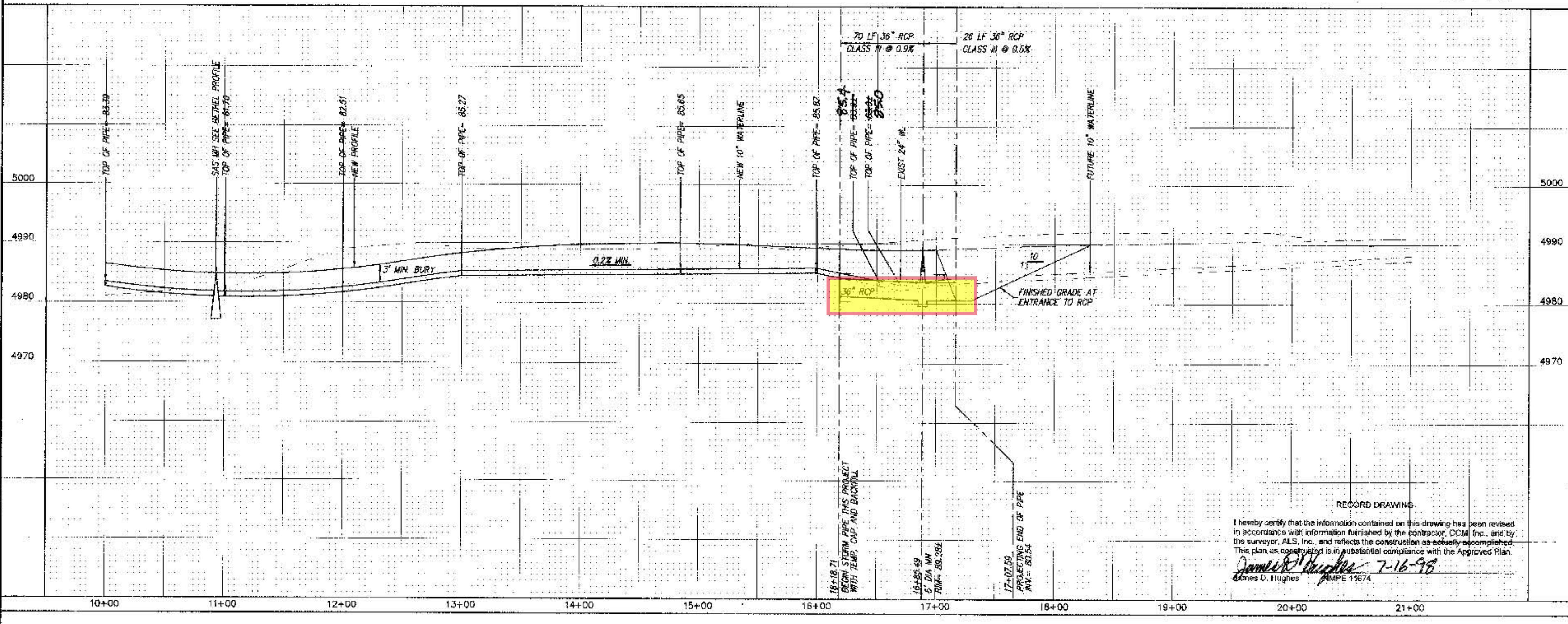
7059WP/7059UP--2/4-22-98



M14282-M14281
MODEL DIA: 48"
AS-BUILT DIA: 48"

| RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.) | | | | | |
|--|------------|------------|-------|--------|-------|
| PIPE SIZE | 90° | 45° | 22.5° | 11.25° | VALVE |
| 6" | 17' | 7' | - | - | 46' |
| 10" | - | 11' | 5' | 3' | 72' |
| LENGTH OF RESTRAINED PIPE ON EACH SIDE OF BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE TEE: 10.00 FEET. | | | | | |
| RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.) | | | | | |
| PIPE SIZE | LARGE SIDE | SMALL SIDE | | | |
| 10" x 6" | 44" | - | | | |
| RESTRAINED JOINT LENGTH FOR TEES (FT.) | | | | | |
| PIPE SIZE | RUN | BRANCH | | | |
| 6" x 10" x 10" | 15' | 5' | | | |
| 10" x 10" x 6" | 6' | 1' | | | |
| 6" x 6" x 6" | 10' | 2' | | | |

KARSTEN COURT
STA. 10+00.00 TO STA. 17+06.84
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



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更多关于如何开始使用 Python 的信息，请参阅 [“开始使用 Python”](#)。

**BROADWAY INDUSTRIAL CENTER
UTILITY PROFILE-KARSTEN COURT**

STAFF PROFILE-KAREN STEN COURT

CITY ENGINEER APPROVAL

1.5%
L15

REVIEWED BY THE EDITORIAL BOARD

LOSSES

CT NO. ZONE MAP NO. SHEET

3801.81 M-14 1.

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, OCM Inc., and by the surveyor, ALS, Inc., and reflects the construction as actually accomplished. This plan, as constructed is in substantial compliance with the Approved Plan.

Daniel J. Winkler 7-16-98

10. The following table shows the number of hours worked by each employee.

20 ± 20 21 ± 99

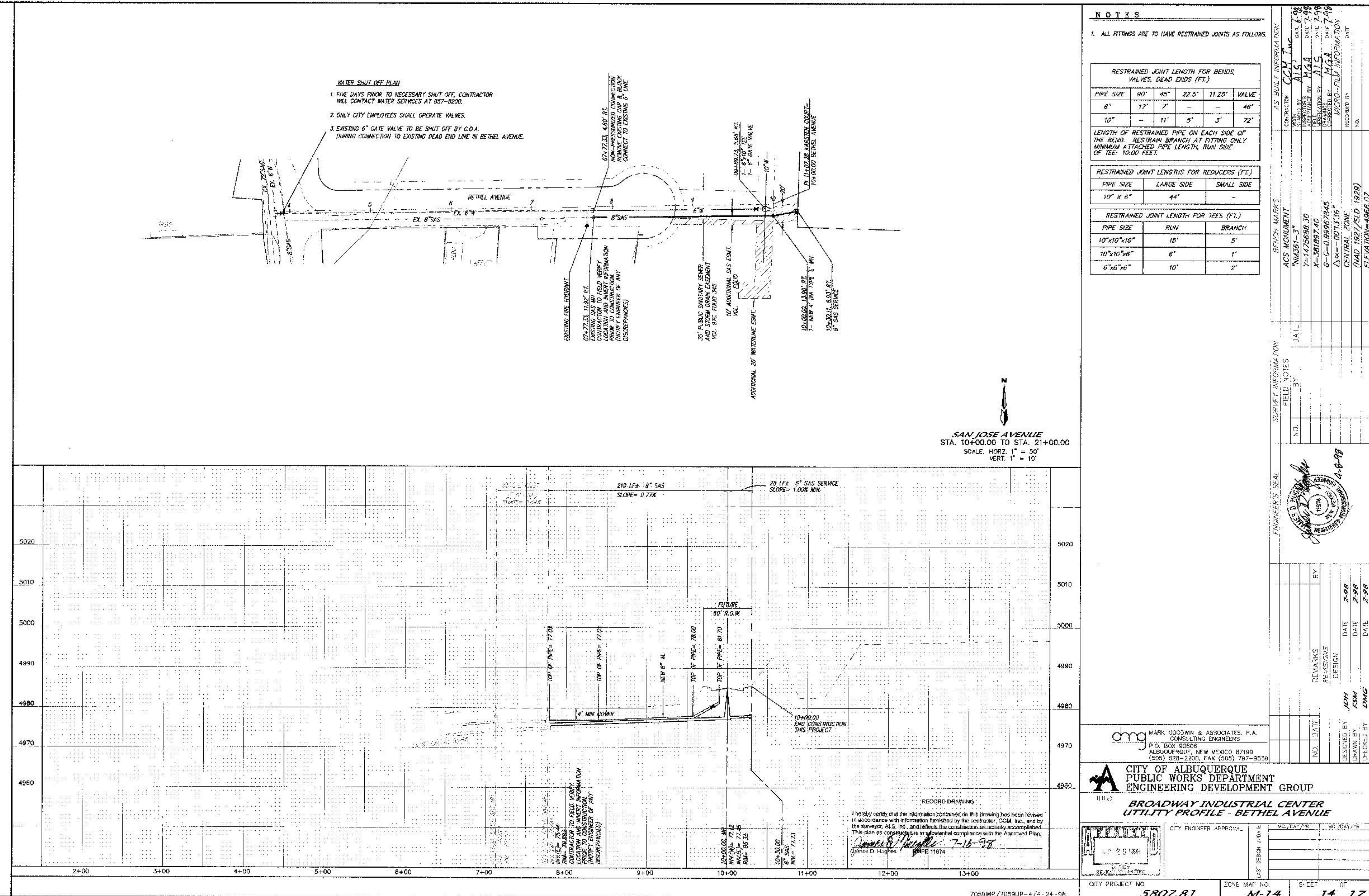
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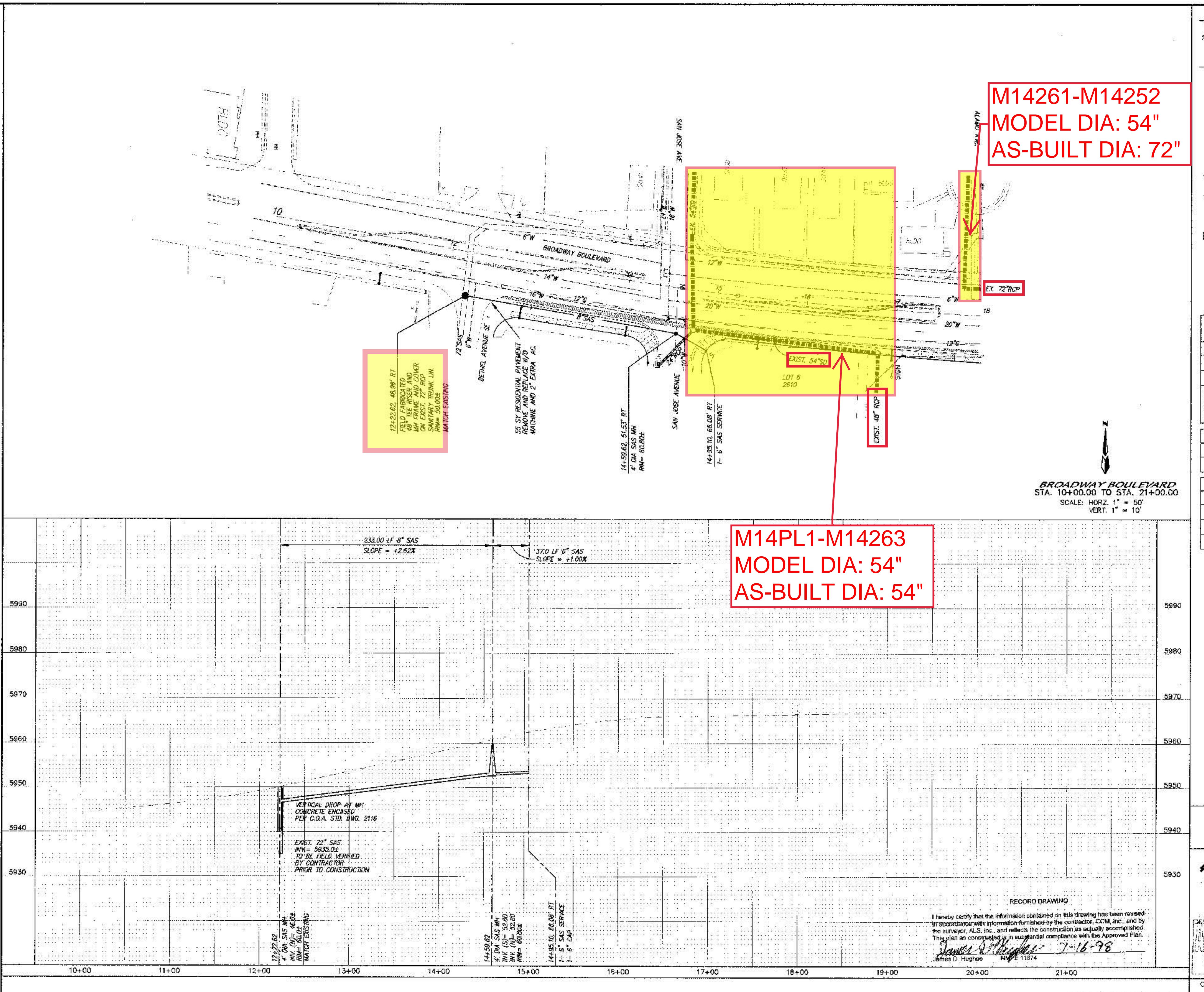
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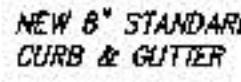
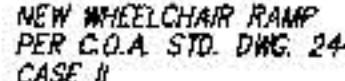
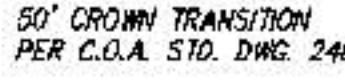
7035MIP/7035DP-1/A-3-96

3050MB / 3052MB - 1 / 4 - 8 - 88

7033MP / 70330P-1/2-9-96





| NOTES | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------|-------|--------|-------|-------------|------------|----------------------------|---------------------------------|--------------|--|-------------|-------|----------------|-----------------------------------|---------------|-----------------------------------|---------------------|---|---------------------|----|---------------------|-----|
| ALL FITTINGS ARE TO HAVE RESTRAINED JOINTS AS FOLLOWS: | | | | | | | | | | | | | | | | | | | | | | | |
| LEGEND | | | | | | | | | | | | | | | | | | | | | | | |
|  NEW 8" STANDARD CURB & GUTTER | | | | | | | | | | | | | | | | | | | | | | | |
|  NEW WHEELCHAIR RAMP PER C.O.A. STD. DWG. 2441 CASE #1 | | | | | | | | | | | | | | | | | | | | | | | |
|  50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401 | | | | | | | | | | | | | | | | | | | | | | | |
| PROPERTY LINE FUTURE IMPROVEMENTS CENTERLINE OF ROAD SIDEWALK TO BE CONSTRUCTED THIS PROJECT | | | | | | | | | | | | | | | | | | | | | | | |
| RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PIPE SIZE</th> <th>90°</th> <th>45°</th> <th>22.5°</th> <th>11.25°</th> <th>VALVE</th> </tr> </thead> <tbody> <tr> <td>6"</td> <td>17'</td> <td>7'</td> <td>-</td> <td>-</td> <td>46'</td> </tr> <tr> <td>10"</td> <td>-</td> <td>11'</td> <td>5'</td> <td>3'</td> <td>72'</td> </tr> </tbody> </table> <p>LENGTH OF RESTRAINED PIPE ON EACH SIDE OF BEND. RESTRAIN BRANCH AT FITTING ONLY. MAXIMUM ATTACHED PIPE LENGTH, RUN SIDE TEE: 10.00 FEET.</p> | | | | | | PIPE SIZE | 90° | 45° | 22.5° | 11.25° | VALVE | 6" | 17' | 7' | - | - | 46' | 10" | - | 11' | 5' | 3' | 72' |
| PIPE SIZE | 90° | 45° | 22.5° | 11.25° | VALVE | | | | | | | | | | | | | | | | | | |
| 6" | 17' | 7' | - | - | 46' | | | | | | | | | | | | | | | | | | |
| 10" | - | 11' | 5' | 3' | 72' | | | | | | | | | | | | | | | | | | |
| RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PIPE SIZE</th> <th>LARGE SIDE</th> <th>SMALL SIDE</th> </tr> </thead> <tbody> <tr> <td>10" X 6"</td> <td>44'</td> <td>-</td> </tr> </tbody> </table> | | | | | | PIPE SIZE | LARGE SIDE | SMALL SIDE | 10" X 6" | 44' | - | | | | | | | | | | | | |
| PIPE SIZE | LARGE SIDE | SMALL SIDE | | | | | | | | | | | | | | | | | | | | | |
| 10" X 6" | 44' | - | | | | | | | | | | | | | | | | | | | | | |
| SURFACE INFORMATION <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>FIELD NOTES</th> <th>BY DATE</th> </tr> </thead> <tbody> <tr> <td>ACCS MONUMENT #MM361-3"</td> <td>INSPECTOR: M.G.A. DATE: 6-98</td> </tr> <tr> <td>Y=1475688.30</td> <td>ACC PLANE: E DRAWINGS: M.G.A. CORRECTED BY: M.G.A. MICRO-FILM INFORMATION</td> </tr> <tr> <td>X=381897.40</td> <td>FILED</td> </tr> <tr> <td>G-C=0.99967845</td> <td>RECEIVED BY: M.G.A. DATE: 7-98</td> </tr> <tr> <td>Δα= -0073'36"</td> <td>RECORDED BY: M.G.A. DATE: 7-98</td> </tr> <tr> <td colspan="2">CENTRAL ZONE</td> </tr> <tr> <td colspan="2">(NAD 1927/SLD 1929)</td> </tr> <tr> <td colspan="2">ELEVATION = 4966.07</td> </tr> </tbody> </table> | | | | | | FIELD NOTES | BY DATE | ACCS MONUMENT #MM361-3" | INSPECTOR: M.G.A. DATE: 6-98 | Y=1475688.30 | ACC PLANE: E DRAWINGS: M.G.A. CORRECTED BY: M.G.A. MICRO-FILM INFORMATION | X=381897.40 | FILED | G-C=0.99967845 | RECEIVED BY: M.G.A. DATE: 7-98 | Δα= -0073'36" | RECORDED BY: M.G.A. DATE: 7-98 | CENTRAL ZONE | | (NAD 1927/SLD 1929) | | ELEVATION = 4966.07 | |
| FIELD NOTES | BY DATE | | | | | | | | | | | | | | | | | | | | | | |
| ACCS MONUMENT #MM361-3" | INSPECTOR: M.G.A. DATE: 6-98 | | | | | | | | | | | | | | | | | | | | | | |
| Y=1475688.30 | ACC PLANE: E DRAWINGS: M.G.A. CORRECTED BY: M.G.A. MICRO-FILM INFORMATION | | | | | | | | | | | | | | | | | | | | | | |
| X=381897.40 | FILED | | | | | | | | | | | | | | | | | | | | | | |
| G-C=0.99967845 | RECEIVED BY: M.G.A. DATE: 7-98 | | | | | | | | | | | | | | | | | | | | | | |
| Δα= -0073'36" | RECORDED BY: M.G.A. DATE: 7-98 | | | | | | | | | | | | | | | | | | | | | | |
| CENTRAL ZONE | | | | | | | | | | | | | | | | | | | | | | | |
| (NAD 1927/SLD 1929) | | | | | | | | | | | | | | | | | | | | | | | |
| ELEVATION = 4966.07 | | | | | | | | | | | | | | | | | | | | | | | |

