

# THE HIGH RANGE AT TAYLOR RANCH-1, & CIMARRON HILL

ALBUQUERQUE, NEW MEXICO

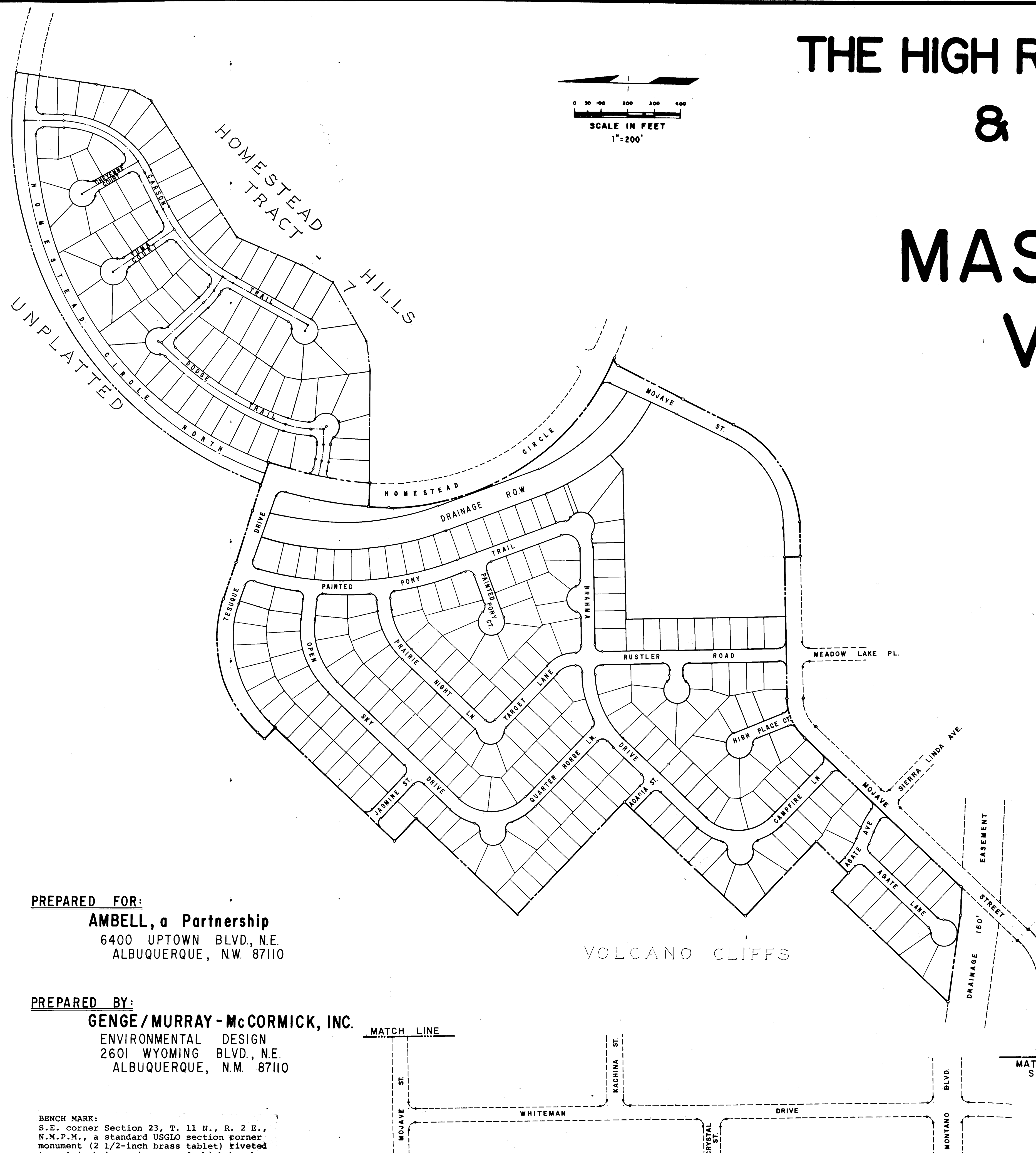
## MASTER PLANNED WATER MAIN

### INDEX to DRAWINGS

#### Sheet No.

#### Description

| Sheet No. | Description                                                          |
|-----------|----------------------------------------------------------------------|
| 1.        | TITLE PAGE                                                           |
| 2-3.      | MASTER WATER SITE PLAN - HIGH RANGE at TAYLOR RANCH-1                |
| 4.        | MASTER WATER SITE PLAN - CIMARRON HILL                               |
| 5.        | WHITEMAN DRIVE & MOJAVE STREET                                       |
| 6.        | MOJAVE STREET STA. 25+00 to STA. 38+26.21                            |
| 7.        | RUSTLER ROAD STA. 0+00 to STA. 7+70.00                               |
| 8.        | BRADMA DRIVE STA. 9+29.26 to STA. 6+98.31 & HOMESTEAD CIRCLE (TR. 7) |
| 9.        | HOMESTEAD CIRCLE STA. 6+98.31 to STA. 0+00                           |
| 10.       | TESUQUE DRIVE STA. 6+15.08 to STA. 16+44.95                          |
| 11-12-13. | HOMESTEAD CIRCLE NORTH STA. 0+00 to STA. 32+30.17                    |



#### PREPARED FOR:

**AMBELL, a Partnership**  
6400 UPTOWN BLVD., N.E.  
ALBUQUERQUE, N.M. 87110

#### PREPARED BY:

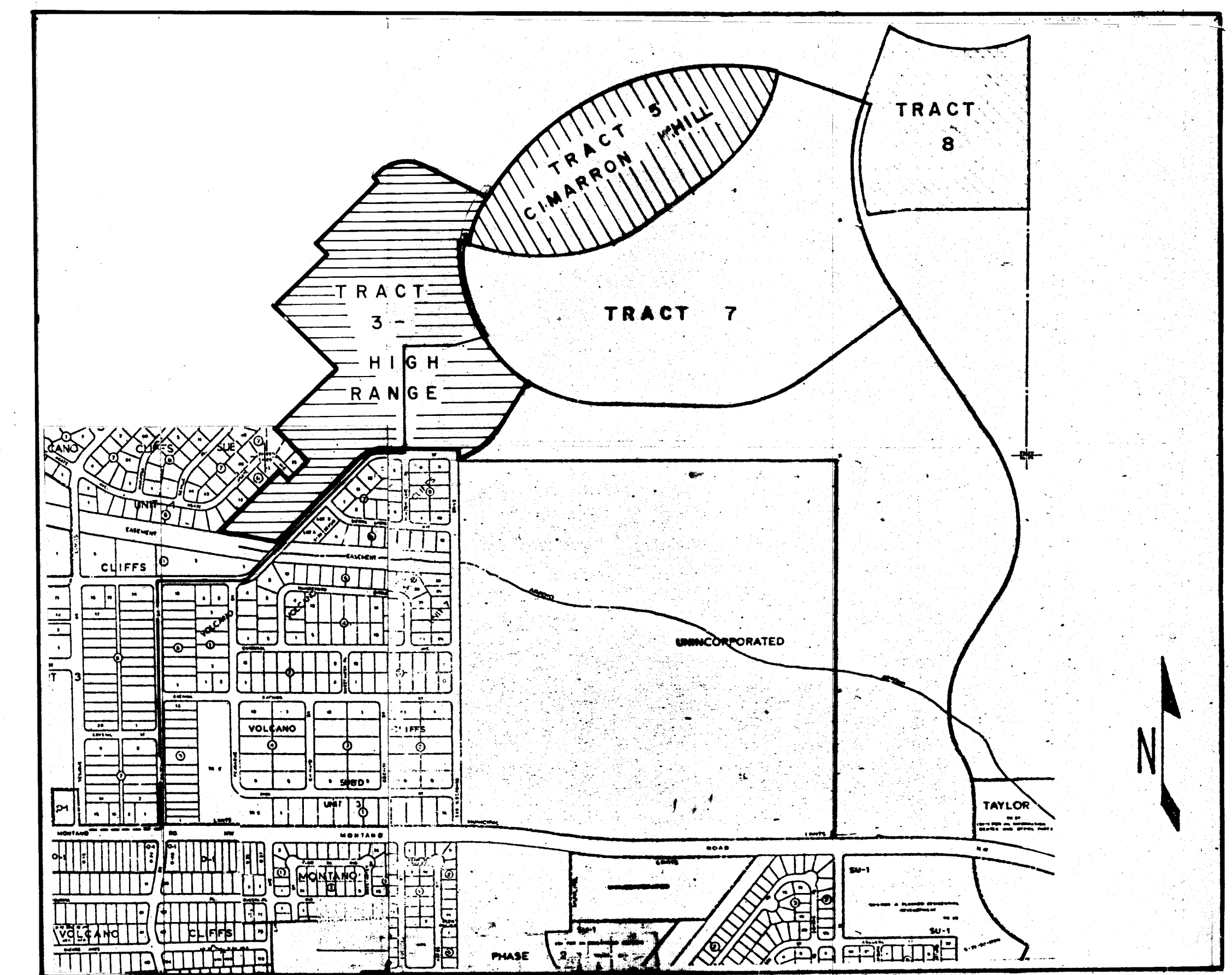
**GENGE / MURRAY - McCORMICK, INC.**  
ENVIRONMENTAL DESIGN  
2601 WYOMING BLVD., N.E.  
ALBUQUERQUE, N.M. 87110

BENCH MARK:  
S.E. corner Section 23, T. 11 N., R. 2 E.,  
N.M.P.M., a standard USGLO section corner  
monument (2 1/2-inch brass tablet) riveted  
to a 1-inch iron pipe around which has been  
poured a 12-inch diameter concrete cylinder.  
The top of the monument projects 0.9 ft.  
above ground, Elev. 5112.53 feet.

APPROVAL OF AS BUILT DRAWINGS  
ASST. CITY ENGINEER - FIELD  
*[Signature]*  
DATE 11/27/82

APPROVED FOR CONSTRUCTION  
CITY ENGINEER  
*[Signature]*  
DATE 3-30-77

| APPROVALS          | ENGINEER           | DATE     | APPROVALS    | ENGINEER | DATE |
|--------------------|--------------------|----------|--------------|----------|------|
| City Engineer      | <i>[Signature]</i> | 11/27/82 | Liquid Waste |          |      |
| A.C.E. - Design    | <i>[Signature]</i> | 11/27/82 | Traffic      |          |      |
| A.C.E. - Hydrology | <i>[Signature]</i> | 11/27/82 | Water        |          |      |



VICINITY MAP MAP# D-11 K  
scale: 1" = 800' approx.  
22 127 0177

JOB NO. 8120040  
**MURRAY - M. CORMICK, INC.**  
ENVIRONMENTAL DESIGN  
ENGINEERING · PLANNING · SURVEYING  
2601 WYOMING BLVD., N.E. ALBUQUERQUE, N.M. 87110







SCALE IN FEET  
1"=100'

BENCH MARK:  
S.E. corner Section 23, T. 11 N., R. 2 E.,  
N.M.P.M., a standard USGLO section corner  
monument (2 1/2-inch brass tablet) riveted  
to a 1-inch iron pipe around which has been  
poured a 12-inch diameter concrete cylinder.  
The top of the monument projects 0.9 ft.  
above ground, Elev. 5112.53 feet.

New Mexico Health & Social Services Department  
Environmental Improvement Agency

Policy on the Proximity of Water and Sewer Lines

"Whenever possible, it is desirable to lay parallel water and sewer lines at least 10 feet apart horizontally, and the water line should be at a higher elevation than the sewer. If this is not possible, separate trenches will be required in all cases (this shall be effective even though one line has been installed prior to the other), and the water line shall be at least 2 feet above the sewer. When water and sewer lines cross each other, the water line shall be at least 3 feet above the sewer; otherwise, the sewer shall be of steel or cast iron pipe, or equivalent, for 10 feet on each side of the water line."

1969

LEGEND (SEWER)

- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE WITH SERVICE LATERAL STUB OUT
- SEWER FLOW DIRECTION
- EXISTING SEWER MANHOLE
- 20" - 8" CAST IRON PIPE (WATER)
- PROPOSED FIRE HYDRANT
- PROPOSED WATER LINE
- PROPOSED GATE VALVE & BOX
- TEE
- CROSS
- 45° BEND
- 90° BEND

GENERAL NOTES:

- (WATER)
- WATER LINE SHALL HAVE A MINIMUM COVER OF 4' 10" (FINISHED GRADE TO TOP OF PIPE) 5.67'
  - ALL WATER VALVES TO BE INSTALLED AT THE P.C. OF CURB RETURNS UNLESS OTHERWISE SHOWN.
  - WATER MAIN TO BE A.C. PIPE AS APPROVED BY CITY OF ALBUQUERQUE. (FOR 10" DIA. OR LESS).
  - USE 100 PSI AS WORKING PRESSURE.
  - FOR PIPE SIZES OF 16" AND ABOVE, CONCRETE CYLINDER PIPE WILL BE USED AS APPROVED BY CITY OF ALBUQ.
- (SEWER)
- SLOPES FOR SANITARY SEWER INVERTS ARE SHOWN IN FEET OF FALL PER FOOT OF RUN.
  - FOR CENTERLINE BEARINGS OF SEWER, SEE TRACT MAP.
  - ALL MANHOLES ARE TYPE "E" UNLESS OTHERWISE SHOWN.
  - SEWER SERVICE LATERALS LOCATED 10' UP FROM LOW SIDE OF LOT. (TYPICAL)

\* NOTE FOR 20" G.V. -  
HORIZONTAL INSTALL  
W/ ENCLOSED BEVELED  
BEARING & GREASE CASE,  
4" BY-PASS VALVE,  
ROLLER TRACKS,  
SCRAPER & BOXES.

HOMSTD. HLS.  
TR - 7

CIMARRON HILL

1-20" x 10" TEE  
W/ CONC. BLKG.  
1-20" G.V. TYP. A BOX  
1-10" G.V. TYP. A BOX

1-20" x 6" TEE  
W/ CONC. BLKG.  
1-20" G.V. TYP. A BOX  
1-6" CAP & BLKG.

1-20" 90° BEND  
W/ CONC. BLKG.  
DESIGN ON SHIT 4+13

1-20" 90° BEND  
W/ CONC. BLKG.  
DESIGN ON SHIT 4+13

1-18" CROSS  
2-18" 1/2" REDUCERS  
2-18" VALVE & BOX  
2-18" VALVE & BOX (HORIZONTAL)  
2-18" 1/2" REDUCERS  
1-18" CAP & BLKG.  
BLOCKING DESIGN  
ON SHIT 4+13

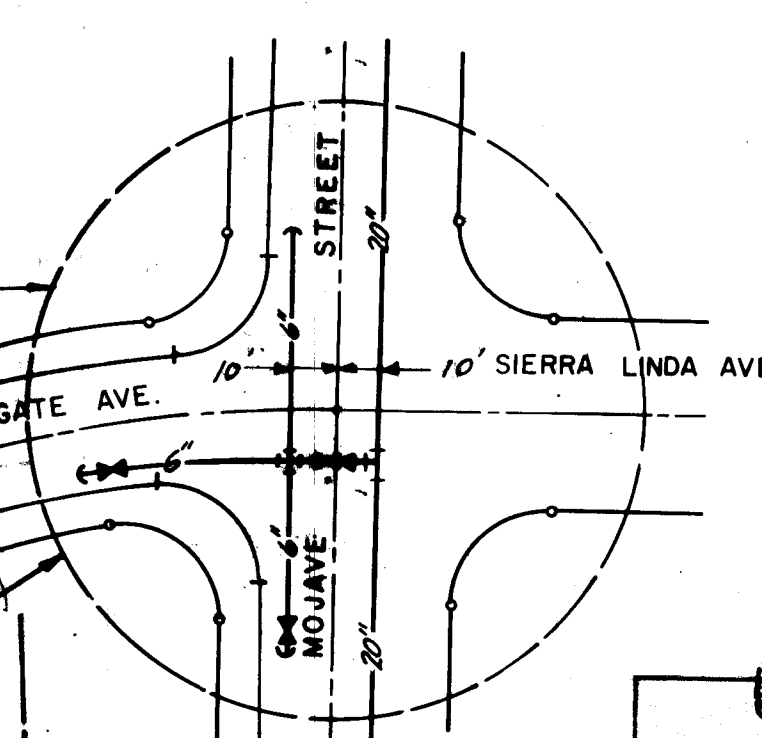
\* NOTE FOR 18" G.V. & BOX -  
HORIZONTAL INSTALL  
W/ ENCLOSED BEVELED  
BEARING & GREASE CASE,  
4" BY-PASS VALVE,  
ROLLER TRACKS,  
SCRAPER & BOXES.

\* NOTE FOR 20" G.V. & BOX -  
HORIZONTAL INSTALL  
W/ ENCLOSED BEVELED  
BEARING & GREASE CASE,  
4" BY-PASS VALVE,  
ROLLER TRACKS,  
SCRAPER & BOXES.

1-20" TEE  
1-20" 1/2" REDUCER  
2-20" VALVE & BOX  
2-20" VALVE & BOX (HORIZONTAL)  
2-20" 1/2" REDUCERS  
1-20" CAP & BLKG.  
BLOCKING DESIGN  
ON SHIT 4+13

1-20" TEE  
1-20" 1/2" REDUCER  
2-20" VALVE & BOX  
2-20" VALVE & BOX (HORIZONTAL)  
2-20" 1/2" REDUCERS  
1-20" CAP & BLKG.  
BLOCKING DESIGN  
ON SHIT 4+13

1-10" x 10" TEE  
W/ CONC. BLKG.  
1-10" G.V. TYP. A BOX  
1-10" CAP & BLKG.  
1-10" 1/2" REDUCER  
1-10" G.V. TYP. A BOX  
1-10" CAP & BLKG.



| DATE     | ENGINEER         | APPROVALS    |
|----------|------------------|--------------|
| 10/7/77  | J. M. Mendenhall |              |
| 11/13/79 | J. M. Mendenhall | Liquid Waste |
| 11/13/79 | J. M. Mendenhall | Traffic      |
| 11/13/79 | J. M. Mendenhall | Water        |

APPROVED FOR CONSTRUCTION

DATE 3-30-80

CITY ENGINEER

DATE 11-13-79

CITY ENGINEER

DATE 11-13-79

CITY ENGINEER

REVISIONS  
2 11/13/79 RELOCATED 20" M.L. TO N.E. FROM R.O.W. (N.T.S.)  
1 11/13/79 RELOCATED 20" M.L. TO N.E. FROM R.O.W. IN HOMESTEAD CIR.  
RESULTING IN REDUCTION OF 20" WATER LINE

JOB NO. 8120040  
MURRAY-MCMORMICK, INC.  
ENVIRONMENTAL DESIGN  
ENGINEERING-PLANNING-SURVEYING  
2801 WYOMING BLVD. N.E. SUITE F ALBUQUERQUE NEW MEXICO 87110-505 252-1936

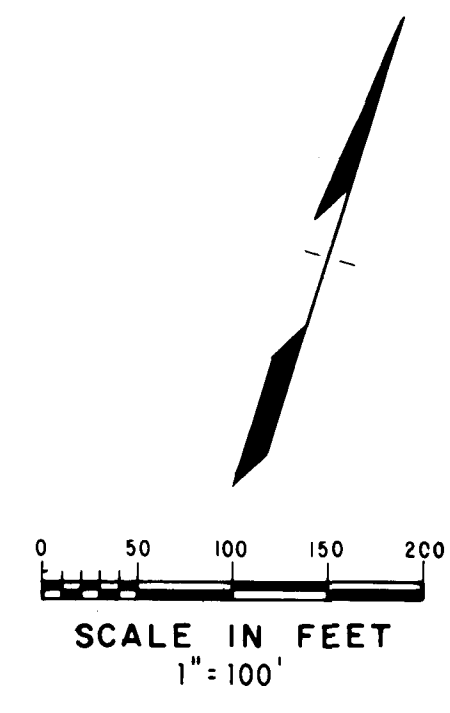
BELLAMAH CORPORATION

THE HIGH RANGE AT  
TAYLOR RANCH I  
MASTER WATER  
SITE PLAN

MASTER PLANNED WATER MAIN

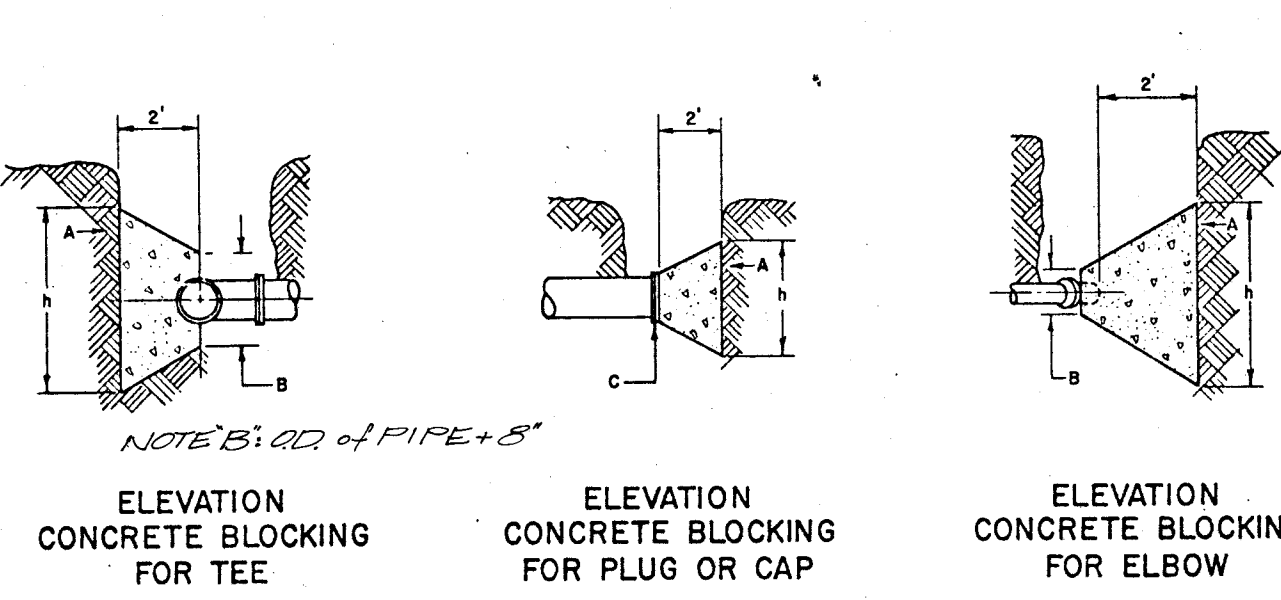
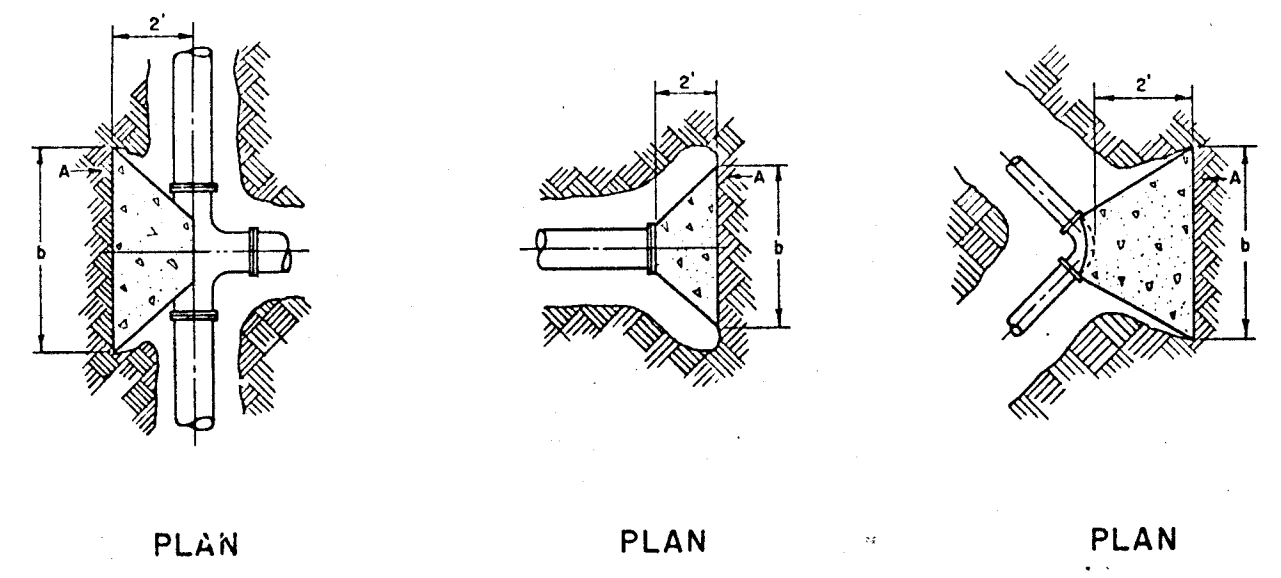
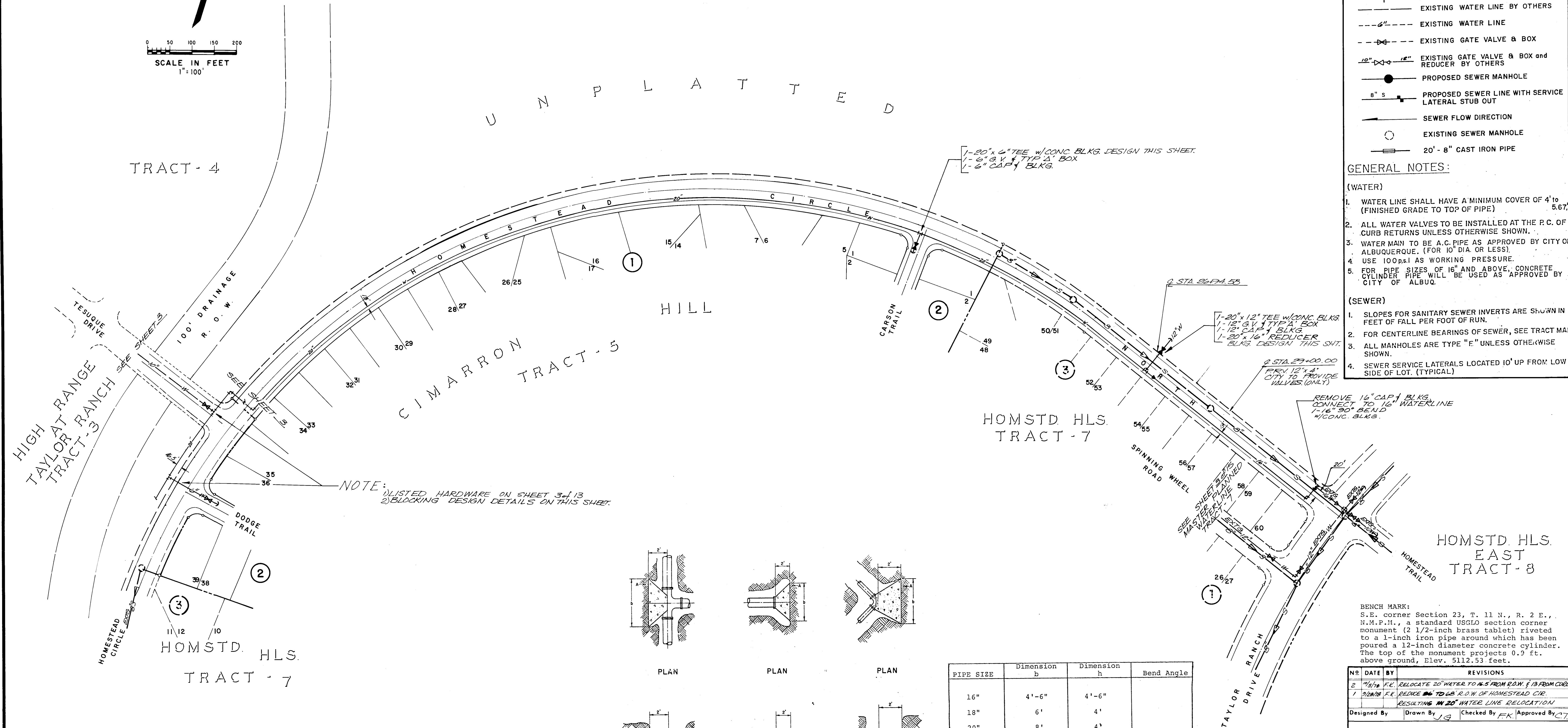
SCANNED BY  
CLASCON





- LEGEND**
- PROPOSED FIRE HYDRANT
  - PROPOSED WATER LINE
  - PROPOSED GATE VALVE & BOX
  - TEE
  - CROSS
  - 45° BEND
  - 90° BEND
  - EXISTING WATER LINE BY OTHERS
  - EXISTING WATER LINE
  - EXISTING GATE VALVE & BOX
  - EXISTING GATE VALVE & BOX and REDUCER BY OTHERS
  - PROPOSED SEWER MANHOLE
  - PROPOSED SEWER LINE WITH SERVICE LATERAL STUB OUT
  - SEWER FLOW DIRECTION
  - EXISTING SEWER MANHOLE
  - 20' - 8" CAST IRON PIPE

- GENERAL NOTES:**
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**BLOCKING DESIGN**

| PIPE SIZE | Dimension b | Dimension h | Bend Angle |
|-----------|-------------|-------------|------------|
| 16"       | 4'-6"       | 4'-6"       |            |
| 18"       | 6'          | 4'          |            |
| 20"       | 8'          | 4'          |            |
| 24"       | 11'         | 4'          |            |
| 20"       | 3'          | 3'          | 19°        |
| 20"       | 3.5'        | 3.5'        | 22-172°    |
| 20"       | 3.76'       | 3.76'       | 26°        |
| 20"       | 11'         | 4'          | 90°        |

New Mexico Health & Social Services Department  
Environmental Services Division

**Policy on the Proximity of Water and Sewer Lines**

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**BENCH MARK:**  
S.E. corner Section 23, T. 11 N., R. 2 E., N.M.P.M., a standard USGLO section corner monument (2 1/2-inch brass tablet) riveted to a 1-inch iron pipe around which has been poured a 12-inch diameter concrete cylinder. The top of the monument projects 0.9 ft. above ground, Elev. 5112.53 feet.

| NO | DATE     | BY   | REVISIONS                                                                         |
|----|----------|------|-----------------------------------------------------------------------------------|
| 2  | 10/16/78 | F.K. | RELOCATE 20" WATER TO N.E. FROM R.O.W. 5' FROM CURB                               |
| 1  | 10/26/78 | F.K. | REDUCE 20" TO 16" R.O.W. OF HOMESTEAD CIR. RESULTING IN 20" WATER LINE RELOCATION |

Designed By: JG Drawn By: JG Checked By: F.K. Approved By: CT

**JOB NO. 8120040**  
**MURRAY-McCORMICK, INC.**  
ENGINEERING-PLANNING-SURVEYING  
2601 WYOMING BLVD. N.E. SUITE 4 ALBUQUERQUE NEW MEXICO 87110 505 292 1936

**BELLAMAH CORPORATION**

CONNECTION OF  
WATERLINES WITH TRACT-3,  
CIMARRON HILL-TRACT-5, &  
HOMESTEAD HILLS-TRACT-7  
**MASTER WATER SITE PLAN**  
**MASTER PLANNED WATERMAIN**

DATE: SCALE: AS SHOWN SHEET 4 OF 13

| APPROVALS        | ENGINEER | DATE     | APPROVALS    | ENGINEER | DATE |
|------------------|----------|----------|--------------|----------|------|
| City Engineer    | 10/26/78 | 11/22/77 | Liquid Waste |          |      |
| A.C.E.-Design    | 10/26/78 | 11/22/77 | Traffic      |          |      |
| A.C.E.-Hydrology |          |          | Water        |          |      |

SCANNED BY  
BY LASON



PLAN  
SURVEYED  
NOTES  
BY  
DATE

PROFILE  
SURVEYED  
NOTES  
BY  
DATE

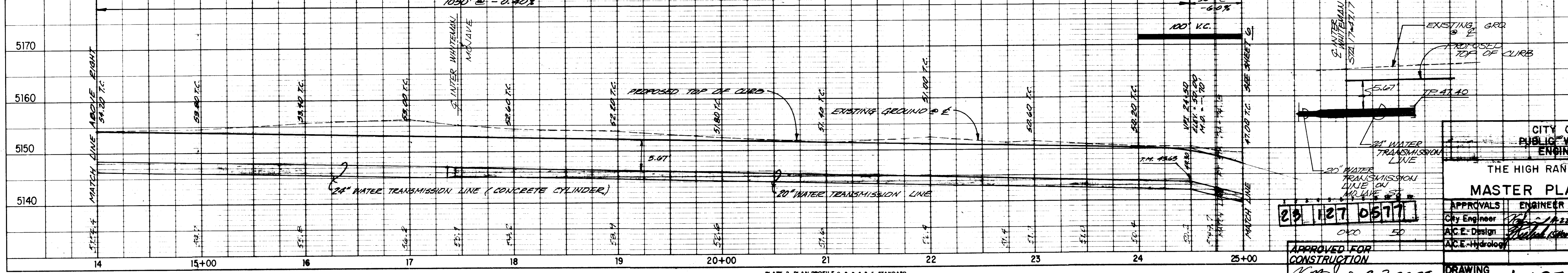
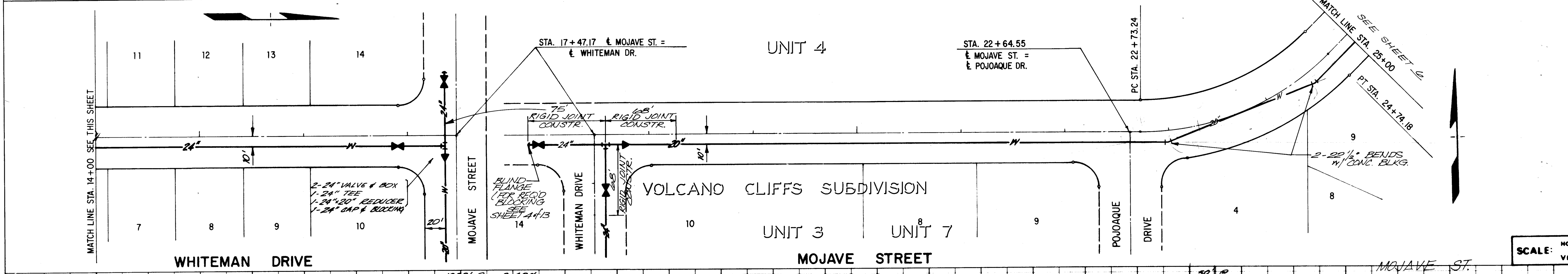
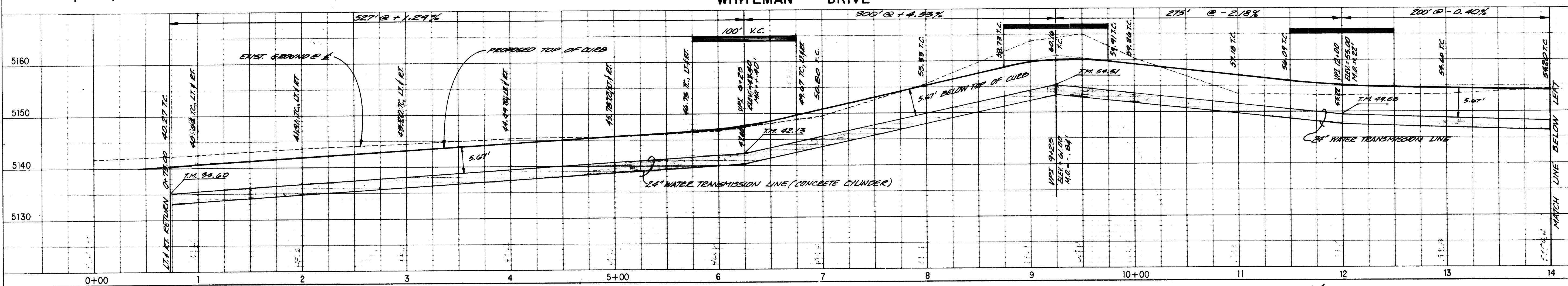
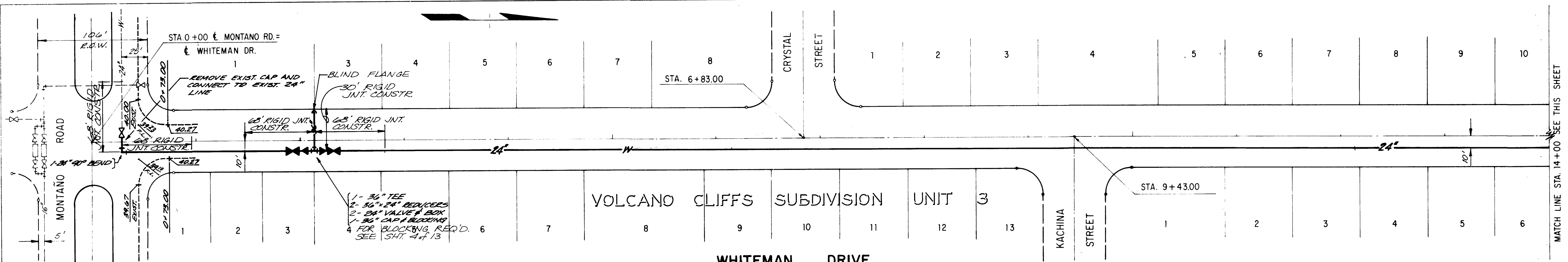


PLATE 2 PLAN-PROFILE G. P. R. & R. E. STANDARD  
100% HAS APPROVED YELLOW-INK AND PRINTED IN U. S. A.  
EUGENE DIETZGEN CO.

APPROVED FOR  
CONSTRUCTION  
DATE  
CITY ENGINEER

| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING DIVISION |          |          |               |          |      |
|------------------------------------------------------------------------|----------|----------|---------------|----------|------|
| THE HIGH RANGE AT TAYLOR RANCH I<br>MASTER PLANNED WATER MAIN          |          |          |               |          |      |
| APPROVALS                                                              | ENGINEER | DATE     | APPROVALS     | ENGINEER | DATE |
| City Engineer                                                          |          | 11/22/77 | Liquid Waste  |          |      |
| A.C.E. Design                                                          |          |          | Traffic       |          |      |
| A.C.E. Hydrology                                                       |          |          | Water         |          |      |
| DRAWING NO. W-127-77                                                   |          |          | SHEET 5 OF 13 |          |      |

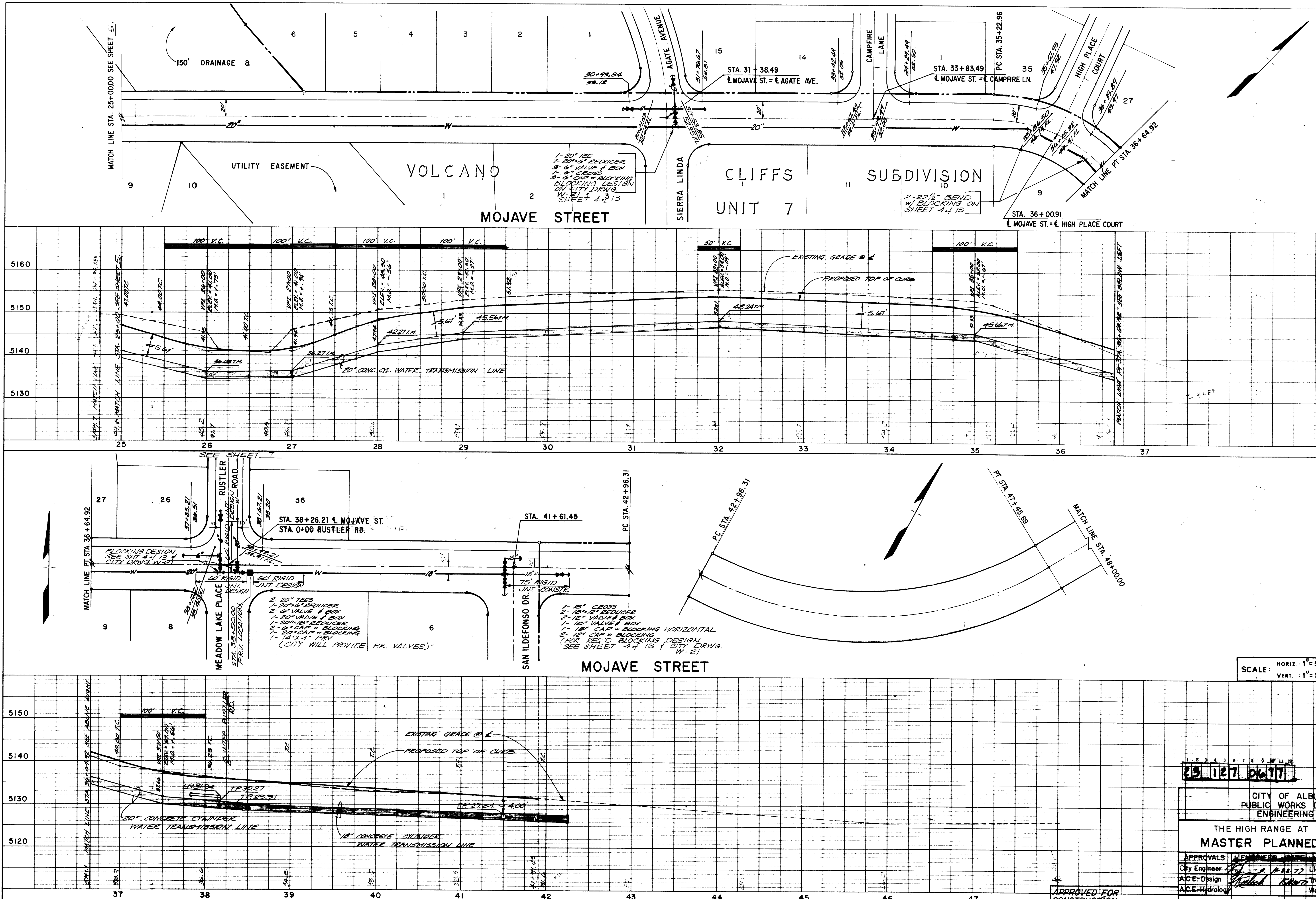
SCANNED BY  
BY LASON

8120040



| PLAN              | DATE | BY |
|-------------------|------|----|
| REVISIONS         |      |    |
| NO.               |      |    |
| NOTE BOOK         |      |    |
| ALIGNMENT CHECKED |      |    |
| BY                |      |    |
| DATE              |      |    |

| PROFILE        | DATE | BY |
|----------------|------|----|
| REVISIONS      |      |    |
| NO.            |      |    |
| NOTE BOOK      |      |    |
| GRADES CHECKED |      |    |
| BY             |      |    |
| DATE           |      |    |



| AS-BUILT INFORMATION |             |             |      | BENCH MARKS |             |             |      |
|----------------------|-------------|-------------|------|-------------|-------------|-------------|------|
| CONTRACTOR           | WORK        | DATE        | NO.  | CONTRACTOR  | WORK        | DATE        | NO.  |
| DESIGNED BY          | DESIGNED BY | DATE        | NO.  | DESIGNED BY | DESIGNED BY | DATE        | NO.  |
| RECORDED BY          | RECORDED BY | DATE        | NO.  | RECORDED BY | RECORDED BY | DATE        | NO.  |
| SURVEY INFORMATION   |             |             |      | REFERENCES  |             |             |      |
| FIELD NOTES          | DATE        | BY          | NO.  | MAP NO      | EST NO      | W O NO      | NO.  |
| REVISIONS            |             |             |      | REMARKS     |             |             |      |
| NO.                  | DATE        | DESIGNED BY | DATE | NO.         | 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 |
| CHECKED BY           | DATE        | CHECKED BY  | DATE | CHECKED BY  | DATE        | CHECKED BY  | DATE |

12/17/77

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

THE HIGH RANGE AT TAYLOR RANCH I  
MASTER PLANNED WATER MAIN

APPROVALS: [Signature] 12/17/77 Liquid Waste  
A.C.E. Design [Signature] 12/17/77 Traffic  
A.C.E. Hydrology [Signature] 12/17/77 Water

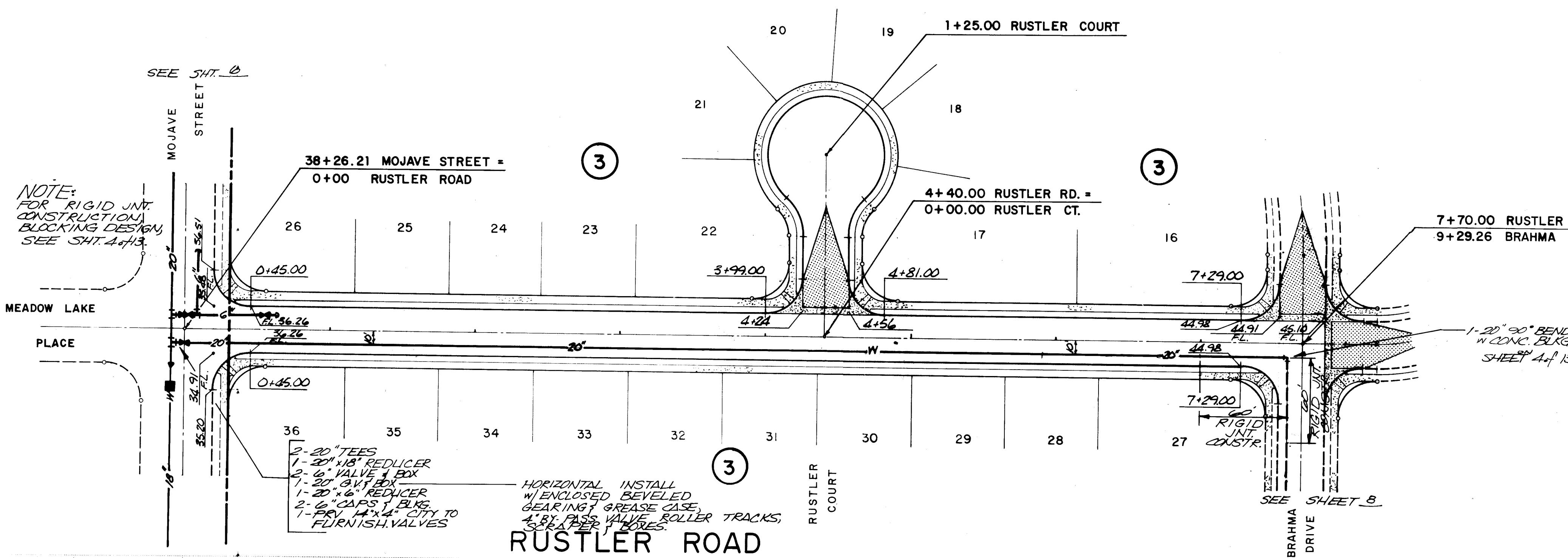
DRAWING NO. W-127-77 SHEET 6 OF 13



| PLAN              | DATE | BY |
|-------------------|------|----|
| SURVEYED          |      |    |
| ALIGNED           |      |    |
| CHECKED           |      |    |
| RT OF WAY CHECKED |      |    |
| NO                |      |    |

| PROFILE                 | DATE | BY |
|-------------------------|------|----|
| SURVEYED                |      |    |
| GRADES CHECKED          |      |    |
| PLOTTED                 |      |    |
| STRUCTURE NOTATIONS CHD |      |    |
| NO                      |      |    |

SCALE: HORIZ. 1" = 50'  
VERT. 1" = 10'



BENCH MARK:  
S.E. CORNER SECTION 23, T.11N., R.2E., N.M.P.M., A STANDARD USGS SECTION CORNER MONUMENT (2 1/2" INCH BRASS TABLET) RIVETED TO A 1" INCH IRON PIPE AROUND WHICH HAS BEEN POURED A 12" DIAMETER CONCRETE CYLINDER. THE TOP OF THE MONUMENT PROJECTS 0.9 FT. ABOVE GROUND, ELEV. 5112.53 FEET.

APPROVED FOR CONSTRUCTION  
CITY ENGINEER  
DATE 3-26-77

| APPROVALS          | ENGINEER    | DATE     | APPROVALS    | ENGINEER    | DATE     |
|--------------------|-------------|----------|--------------|-------------|----------|
| City Engineer      | W. J. Lason | 11-22-77 | Liquid Waste |             |          |
| A.C.E. - Design    | W. J. Lason | 11-22-77 | Traffic      |             |          |
| A.C.E. - Hydrology |             |          | Water        | W. J. Lason | 11-22-77 |

- LEGEND**
- FLOW DIRECTION
  - PROPOSED CURB & GUTTER
  - PROPOSED TOP OF CURB ELEVATIONS
  - VALLEY GUTTER
  - FLOW LINE ELEVATIONS
  - NO CROWN AREA
  - WHEEL CHAIR RAMP
  - PROPOSED FIRE HYDRANT
  - PROPOSED SANITARY SEWER MAIN
  - PROPOSED SANITARY SEWER MANHOLE
  - EXISTING SANITARY SEWER MANHOLE
  - 20' OF DUCTILE IRON SAN. SEWER
  - PROPOSED WATER MAIN
  - PROPOSED GATE VALVE & BOX

| REVISIONS | DATE | BY |
|-----------|------|----|
|           |      |    |
|           |      |    |
|           |      |    |

JOB NO. 8120040  
MURRAY-McCORMICK, INC.  
ENVIRONMENTAL DESIGN  
ENGINEERING-PLANNING-SURVEYING  
2801 WYOMING BLVD. N.E. SUITE 7 ALBUQUERQUE NEW MEXICO 87110-505-292-1935

BELLAMAH CORPORATION

THE HIGH RANGE AT  
TAYLOR RANCH I  
RUSTLER ROAD  
MASTER PLANNED WATER MAIN

DATE SCALE AS SHOWN 7 SHEET OF 13

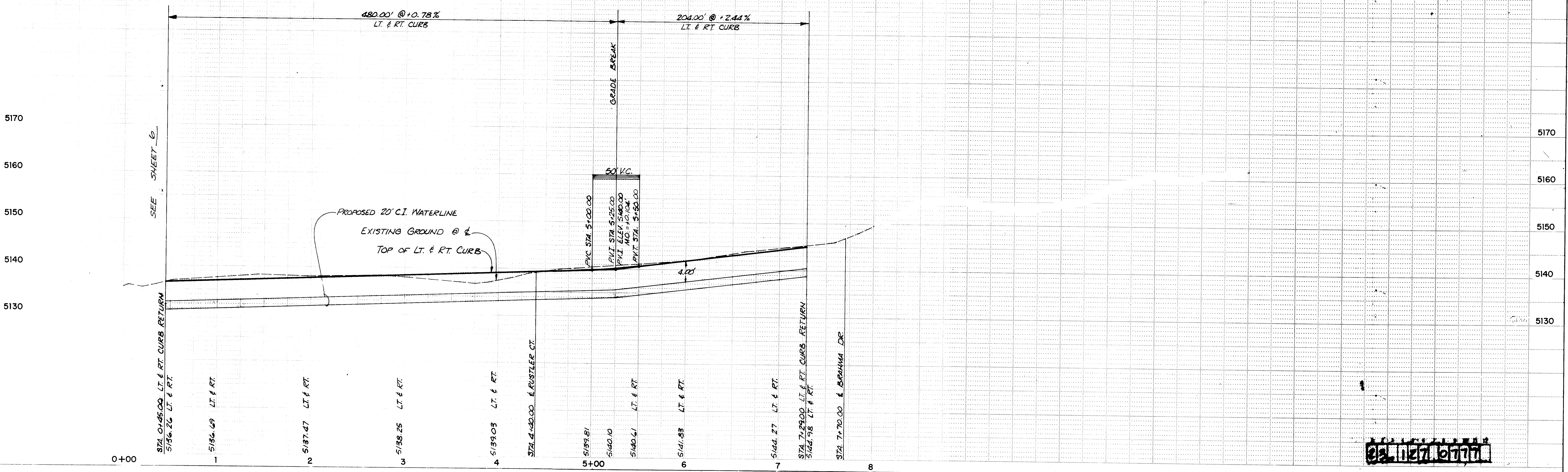


PLATE 1 SINGLE PLAN - PROFILE - DOTTED  
CHARLES BRUNING COMPANY  
MADE IN U.S.A.

SCANNED BY  
BY LASON

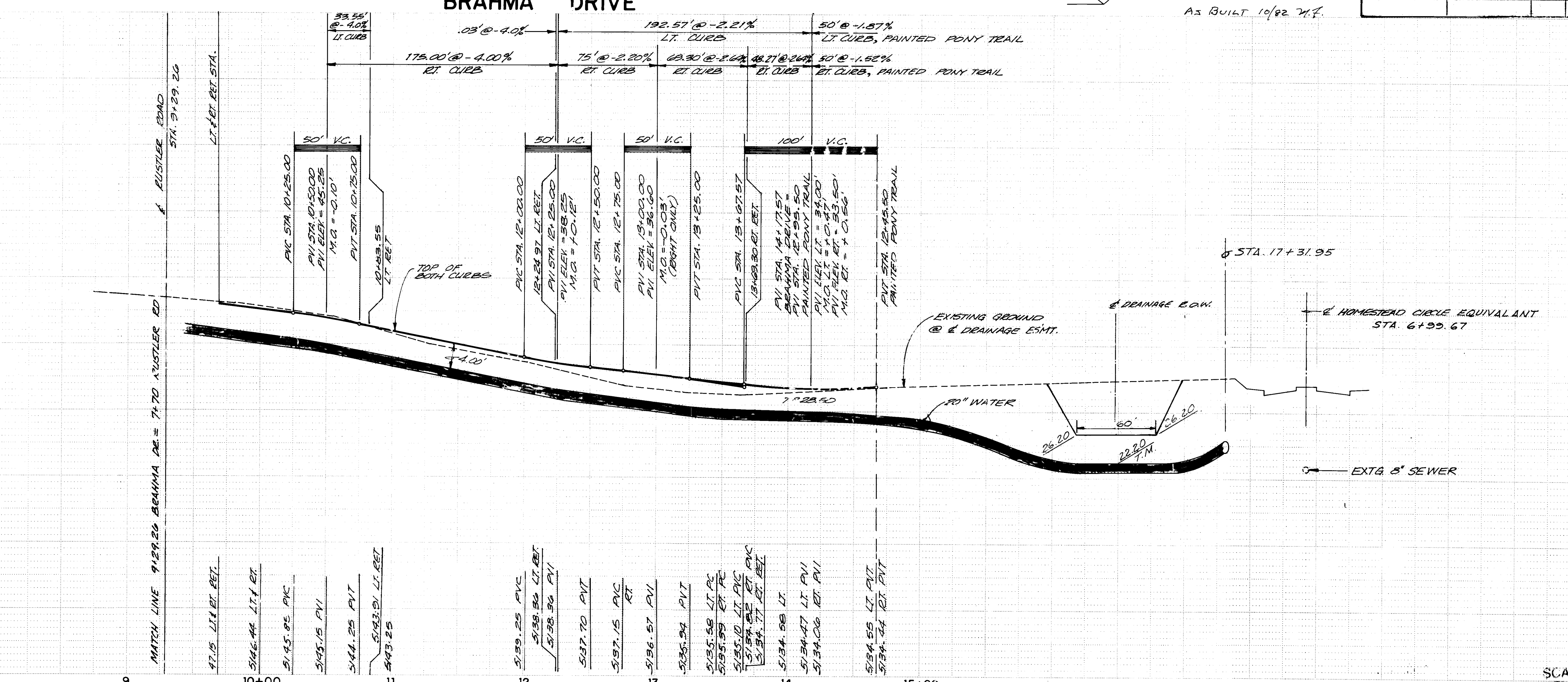
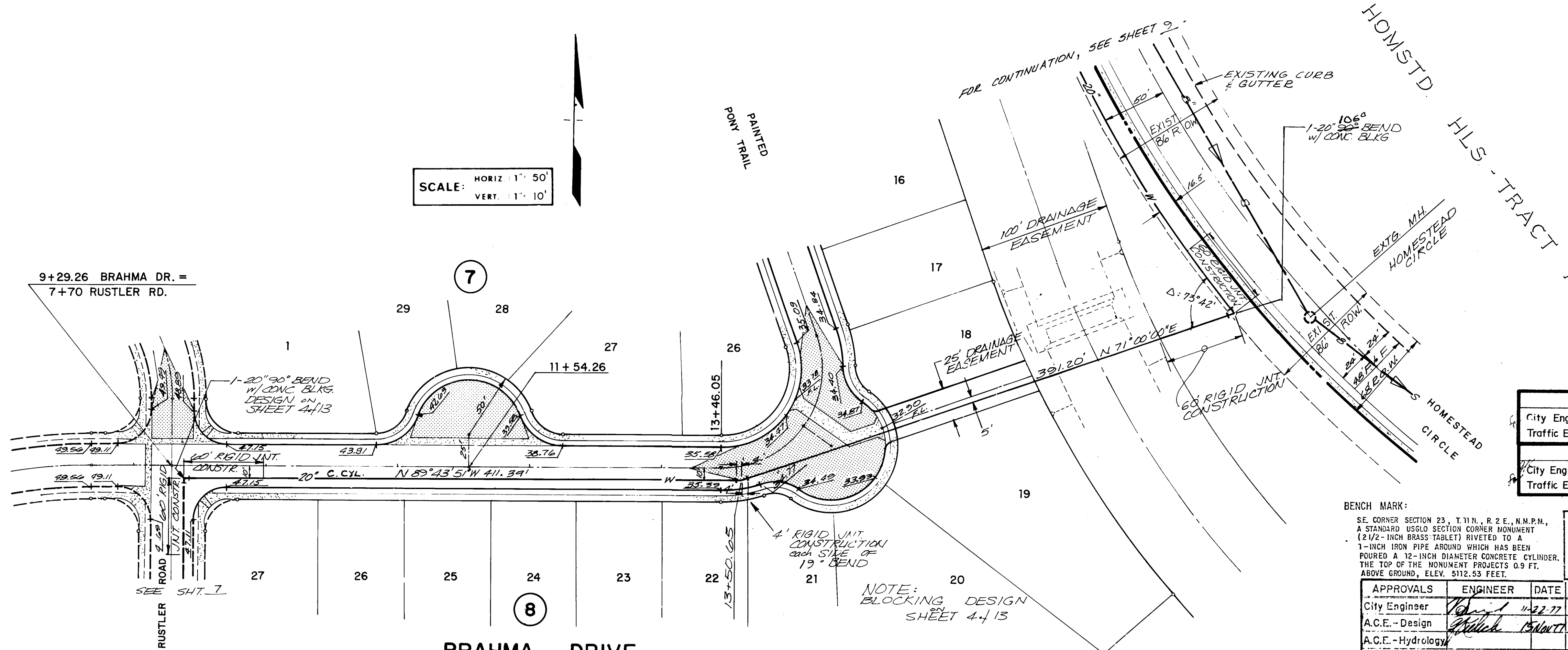
W-127-77

8120040



| PLAN      | DATE |
|-----------|------|
| SURVEYED  |      |
| NOTED     |      |
| BY        |      |
| DATE      |      |
| NOTE BOOK |      |
| NO.       |      |

| PROFILE   | DATE |
|-----------|------|
| SURVEYED  |      |
| NOTED     |      |
| BY        |      |
| DATE      |      |
| NOTE BOOK |      |
| NO.       |      |



| LEGEND |                                 |
|--------|---------------------------------|
|        | FLOW DIRECTION                  |
|        | PROPOSED CURB & GUTTER          |
|        | PROPOSED TOP OF CURB ELEVATIONS |
|        | VALLEY GUTTER                   |
|        | FLOW LINE ELEVATIONS            |
|        | NO CROWN AREA                   |
|        | WHEEL CHAIR RAMP                |
|        | PROPOSED FIRE HYDRANT           |
|        | PROPOSED SANITARY SEWER MAIN    |
|        | PROPOSED SANITARY SEWER MANHOLE |
|        | EXISTING SANITARY SEWER MANHOLE |
|        | 20' OF DUCTILE IRON SAN. SEWER  |
|        | PROPOSED WATER MAIN             |
|        | PROPOSED GATE VALVE & BOX       |

| APPROVALS - REVISION |      |
|----------------------|------|
| City Engineer        | Date |
| Traffic Engineer     | Date |
| APPROVALS - REVISION |      |
| City Engineer        | Date |
| Traffic Engineer     | Date |

| APPROVED FOR CONSTRUCTION |      |
|---------------------------|------|
| CITY ENGINEER             | DATE |

| APPROVALS          | ENGINEER | DATE | APPROVALS    | ENGINEER | DATE |
|--------------------|----------|------|--------------|----------|------|
| City Engineer      |          |      | Liquid Waste |          |      |
| A.C.E. - Design    |          |      | Traffic      |          |      |
| A.C.E. - Hydrology |          |      | Water        |          |      |

|           |                                                           |
|-----------|-----------------------------------------------------------|
| 3 1/4/78  | RELOCATED 20' W.L. TO 16.5' FROM R.O.W. (N.T.S.)          |
| 2 9/28/78 | REDUCTION OF 36' R.O.W. TO 68' HOMESTEAD CIRCLE           |
| 1 9/22/78 | RAISED CURB ELEVATIONS 1" PER GRADE ADJ. ON H.T. #1 PLANS |

| DATE | SCALE    | SHEET | OF |
|------|----------|-------|----|
|      | AS SHOWN | 8     | 13 |

PLATE 1 SINGLE PLAN - PROFILE - DOTTED  
CHARLES BRAUNING COMPANY  
MADE IN U.S.A.

23 127 0677

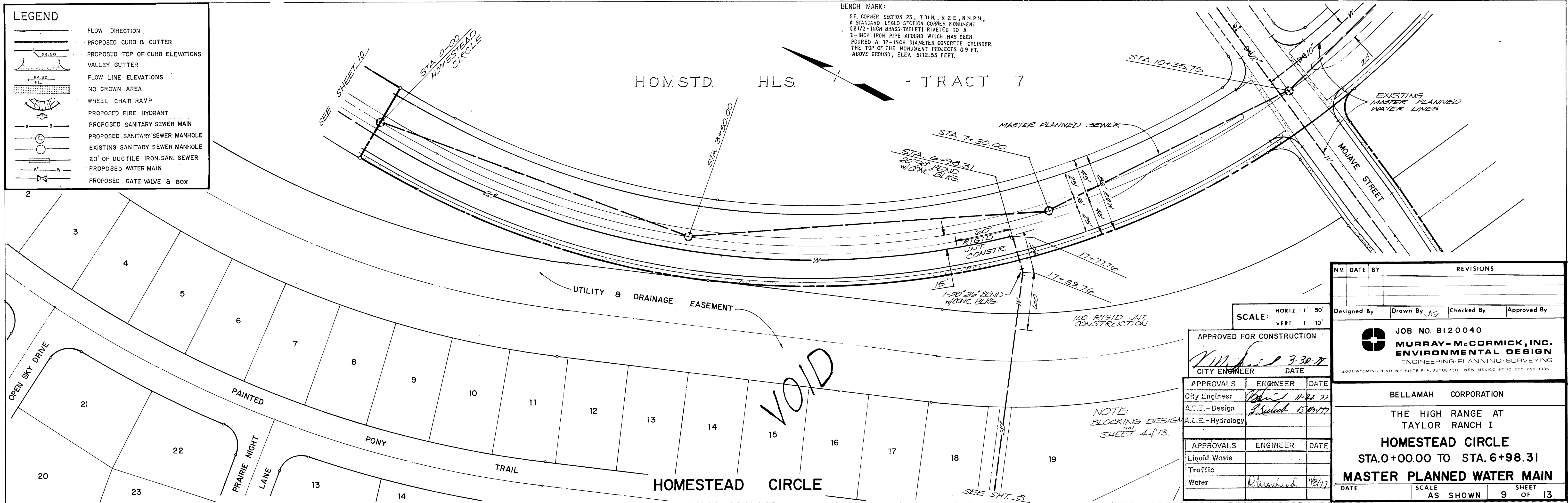
W-127-77



LEGEND

- FLOW DIRECTION
- PROPOSED CURB & GUTTER
- PROPOSED TOP OF CURB ELEVATIONS
- VALLEY GUTTER
- FLOW LINE ELEVATIONS
- NO CROWN AREA
- WHEEL CHAIR RAMP
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER MAIN
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- 20" OF DUCTILE IRON SAN. SEWER
- PROPOSED WATER MAIN
- PROPOSED GATE VALVE & BOX

BENCH MARK:  
SE. CORNER SECTION 23, T.11N., R.2E., N.M.P.M.,  
A STANDARD USGLO SECTION CORNER MONUMENT  
(2 1/2" IRON PIPE ARROUND WHICH HAS BEEN  
POURED A 12" DIAMETER CONCRETE CYLINDER.  
THE TOP OF THE MONUMENT PROJECTS 0.9 FT.  
ABOVE GROUND, ELEV. 5112.53 FEET.



APPROVED FOR CONSTRUCTION

SCALE: HORIZ. 1" = 50' VERT. 1" = 10'

DESIGNED BY: JG DRAWN BY: JG CHECKED BY: APPROVED BY:

JOB NO. 8120040

MURRAY-McCORMICK, INC. ENVIRONMENTAL DESIGN

ENGINEERING-PLANNING-SURVEYING

2601 WYOMING BLVD. N.E. SUITE F. ALBUQUERQUE, NEW MEXICO 87110 505 292 1936

BELLAMAH CORPORATION

THE HIGH RANGE AT TAYLOR RANCH I

HOMESTEAD CIRCLE

STA. 0+00.00 TO STA. 6+98.31

MASTER PLANNED WATER MAIN

DATE: SCALE: AS SHOWN SHEET 9 OF 13

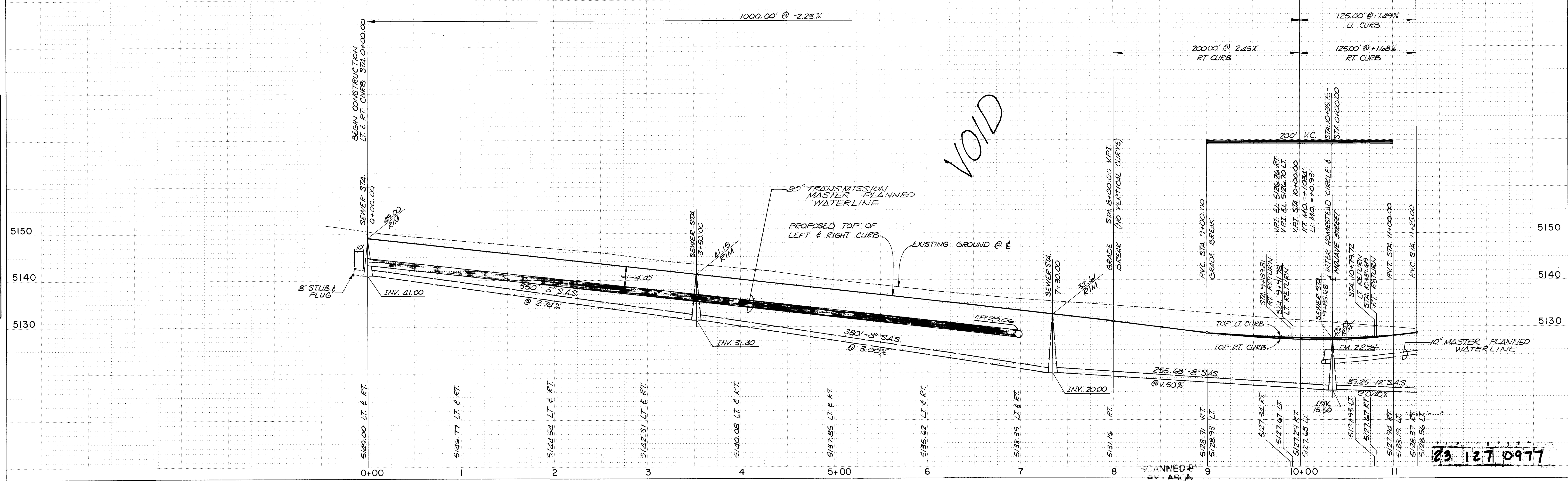


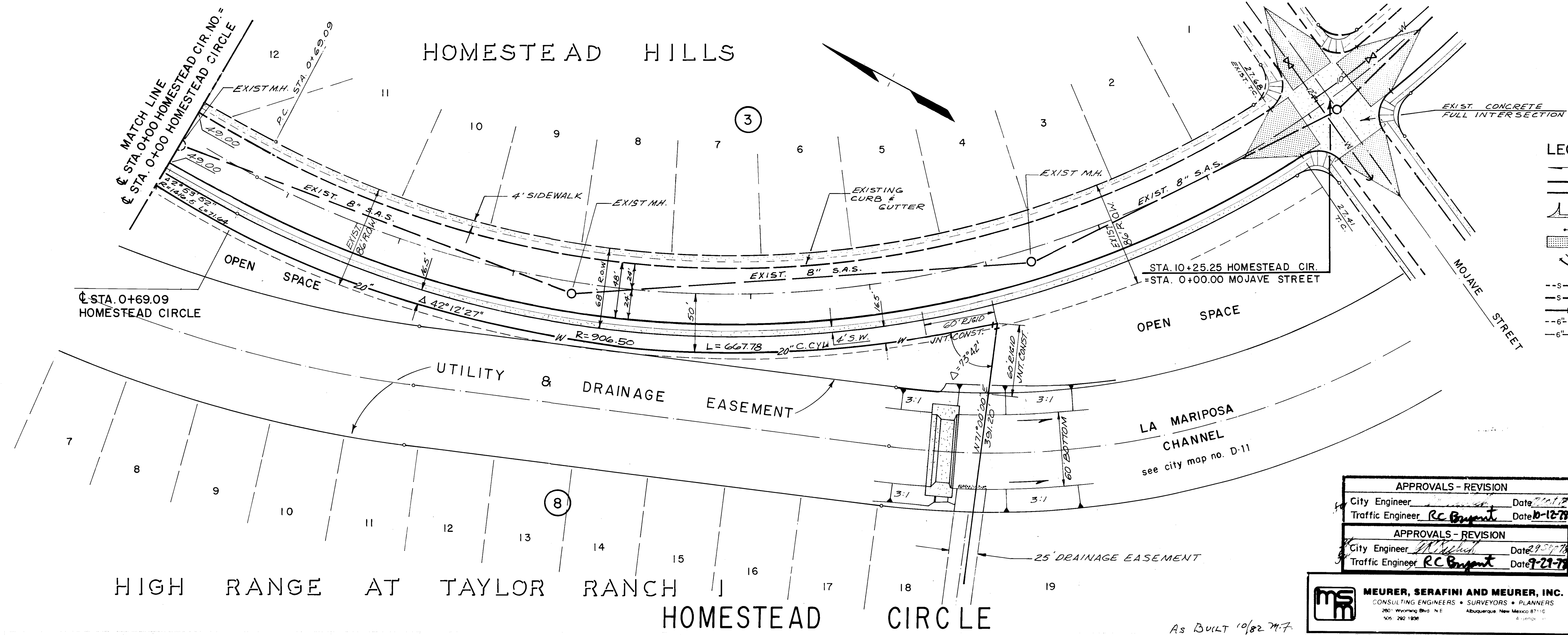
PLATE 1 SINGLE PLAN - PROFILE DOTTED

23 127 0977

W-127-77



| PLAN | DATE | BY | REVISION |
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| LEGEND |                                        |
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|        | FLOW DIRECTION                         |
|        | PROPOSED CURB & GUTTER                 |
|        | PROPOSED TOP OF CURB ELEVATIONS        |
|        | VALLEY GUTTER                          |
|        | FLOW LINE ELEVATIONS                   |
|        | NO CROWN AREA                          |
|        | WHEEL CHAIR RAMP                       |
|        | EXISTING SANITARY SEWER MANHOLE & MAIN |
|        | PROPOSED SANITARY SEWER MANHOLE & MAIN |
|        | DUCTILE IRON SANITARY SEWER MAIN       |
|        | EXISTING WATERMAIN & GATE VALVE & BOX  |
|        | PROPOSED WATERMAIN & GATE VALVE & BOX  |
|        | EXISTING FIRE HYDRANT                  |
|        | PROPOSED FIRE HYDRANT                  |

SCALE: HORIZ. 1"=50'  
VERT. 1"=10'

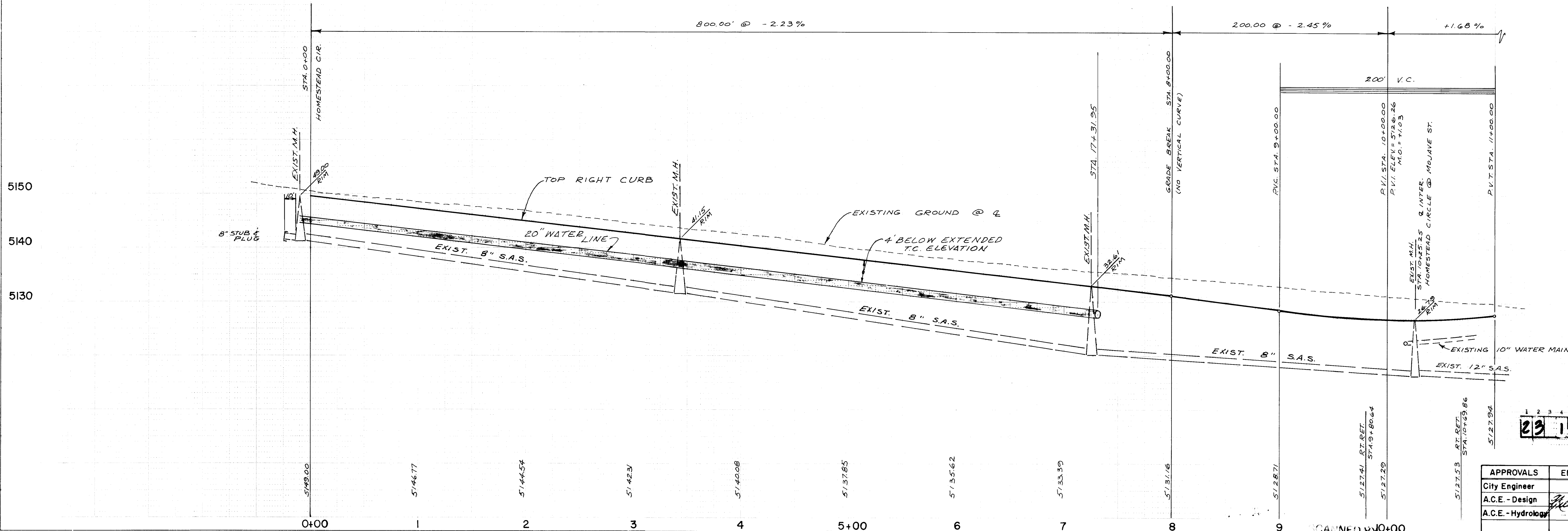
| APPROVALS - REVISION |      |
|----------------------|------|
| City Engineer        | Date |
| Traffic Engineer     | Date |
| APPROVALS - REVISION |      |
| City Engineer        | Date |
| Traffic Engineer     | Date |

| APPROVED FOR CONSTRUCTION |      |
|---------------------------|------|
| CITY ENGINEER             | DATE |

|                                                        |
|--------------------------------------------------------|
| <b>MEURER, SERAFINI AND MEURER, INC.</b>               |
| CONSULTING ENGINEERS • SURVEYORS • PLANNERS            |
| 2001 Woodland Blvd. N.E. Albuquerque, New Mexico 87112 |
| 505.292.1300                                           |

|                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|
| THE HIGH RANGE<br>AT TAYLOR RANCH 1<br>HOMESTEAD CIRCLE<br>STA. 0+00 TO STA. 10+25.25<br>MASTER PLANNED WATER MAIN |
| DESIGNED BY<br>F.K.                                                                                                |
| CHECKED BY<br>C.A.T.                                                                                               |
| DATE<br>9-22-78                                                                                                    |
| AS SHOWN<br>9-22-78                                                                                                |
| DATE<br>8/20/24                                                                                                    |
| DATE<br>9-13                                                                                                       |

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23 127 0977

| APPROVALS          | ENGINEER | DATE | APPROVALS    | ENGINEER | DATE |
|--------------------|----------|------|--------------|----------|------|
| City Engineer      |          |      | Liquid Waste |          |      |
| A.C.E. - Design    |          |      | Traffic      |          |      |
| A.C.E. - Hydrology |          |      | Water        |          |      |

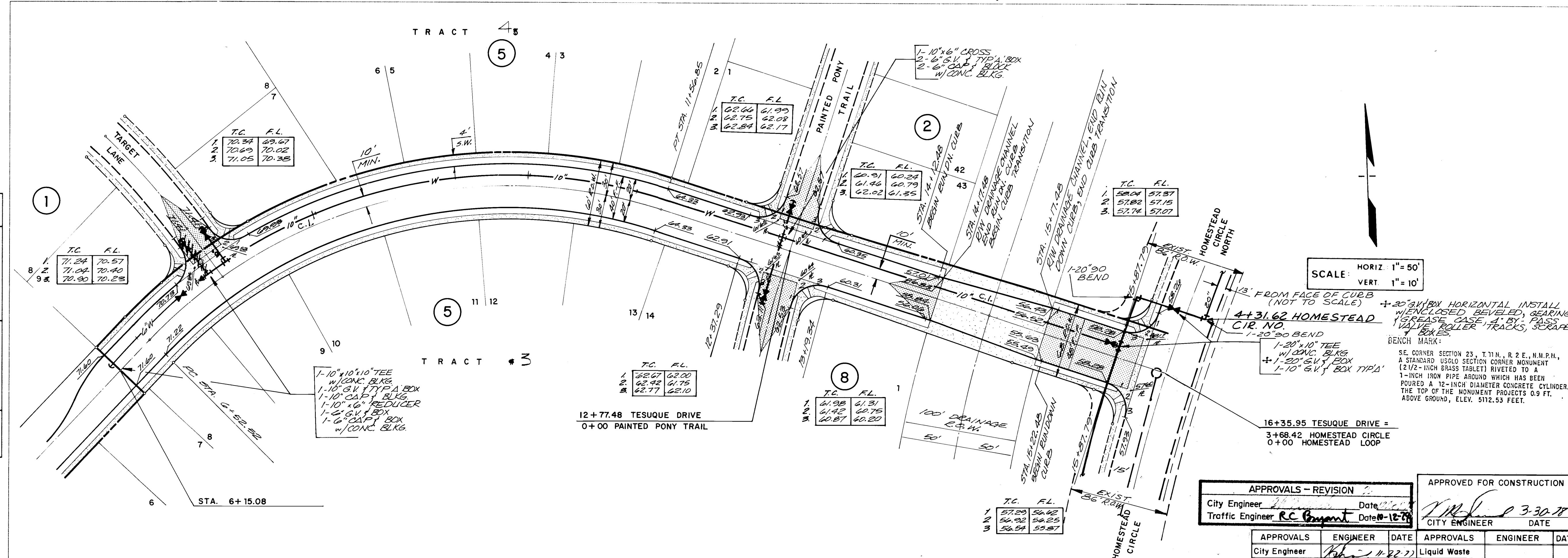
PLATE 1 SINGLE PLAN - PROFILE - DOTTED  
CHARLES BRUNING COMPANY  
MADE IN U.S.A.

8.20040



| PLAN     | DATE | BY |
|----------|------|----|
| SURVEYED |      |    |
| PLOTTED  |      |    |
| CHECKED  |      |    |
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| PROFILE  | DATE | BY |
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| SURVEYED |      |    |
| PLOTTED  |      |    |
| CHECKED  |      |    |
| NOTED    |      |    |
| NO.      |      |    |



### LEGEND

- FLOW DIRECTION
- PROPOSED CURB & GUTTER
- PROPOSED TOP OF CURB ELEVATIONS
- FLOW LINE ELEVATIONS
- VALLEY CUTTER
- NO CROWN AREA
- WHEEL CHAIR RAMP
- EXISTING SANITARY SEWER MANHOLE & MAIN (SHOWN ON THIS SHEET)
- PROPOSED SANITARY SEWER MANHOLE & MAIN (SHOWN ON ANOTHER SHEET IN THIS SET)
- DUCTILE IRON SANITARY SEWER MAIN
- EXISTING WATERMAIN, GATE VALVE & BOX
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT

SCALE: HORIZ. 1" = 50'  
VERT. 1" = 10'

DESIGNED BY: *RC* DRAWN BY: *LW* CHECKED BY: *RC* APPROVED BY: *RC*

APPROVALS - REVISION

| APPROVALS          | ENGINEER  | DATE     |
|--------------------|-----------|----------|
| City Engineer      | <i>RC</i> | 11-22-77 |
| A.C.E. - Design    | <i>RC</i> | 11-22-77 |
| A.C.E. - Hydrology | <i>RC</i> | 11-22-77 |

APPROVED FOR CONSTRUCTION

| APPROVALS          | ENGINEER  | DATE     |
|--------------------|-----------|----------|
| City Engineer      | <i>RC</i> | 11-22-77 |
| A.C.E. - Design    | <i>RC</i> | 11-22-77 |
| A.C.E. - Hydrology | <i>RC</i> | 11-22-77 |

REVISIONS

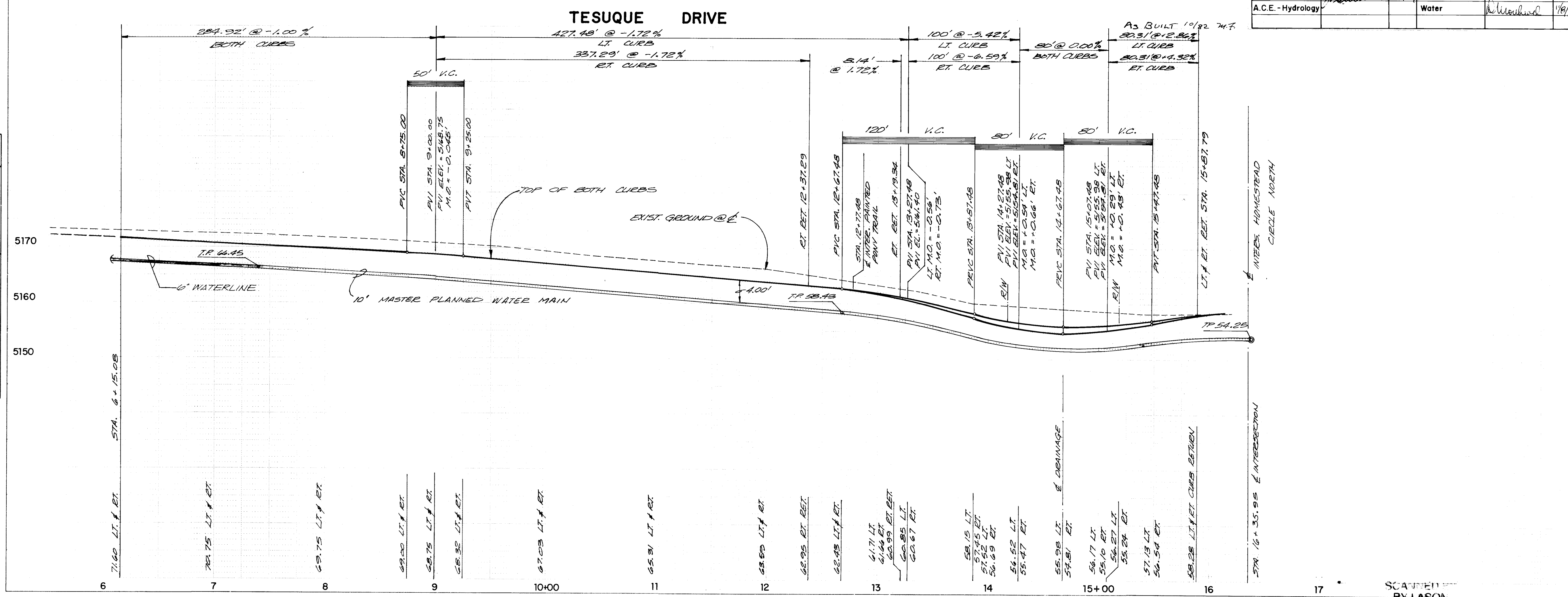
| NO. | DATE   | BY | REVISIONS                                                                           |
|-----|--------|----|-------------------------------------------------------------------------------------|
| 2   | 9/1/78 | FK | SCALE OF 20" WATER LINE FROM CURB NOT TO SCALE                                      |
| 1   | 9/1/78 | FK | REDUCE 36" TO 48" R.O.W. OF HOMESTEAD CIR. RESULTING IN RELOCATION OF 20" WATERLINE |

DESIGNED BY: *RC* DRAWN BY: *LW* CHECKED BY: *RC* APPROVED BY: *RC*

BELLAMAH CORPORATION

MASTER PLANNED WATER MAIN  
STA. 6+15.08 to STA. 16+44.95  
TESUQUE DRIVE

DATE: 11/27/77 SCALE: AS SHOWN 10 SHEET OF 13



DATE: 11/27/77 SCALE: AS SHOWN 10 SHEET OF 13

SCANNED BY: LARSON



HIGH RANGE AT  
TAYLOR RANCH - I

UNPLATTED

LEGEND

- FLOW DIRECTION
- PROPOSED CURB & GUTTER
- PROPOSED TOP OF CURB ELEVATIONS
- FLOW LINE ELEVATIONS
- VALLEY GUTTER
- NO CROWN AREA
- WHEEL CHAIR RAMP
- EXISTING SANITARY SEWER MANHOLE & MAIN
- PROPOSED SANITARY SEWER MANHOLE & MAIN (SHOWN ON THIS SHEET)
- PROPOSED SANITARY SEWER MANHOLE & MAIN (SHOWN ON ANOTHER SHEET IN THIS SET)
- DUCTILE IRON SANITARY SEWER MAIN
- EXISTING WATERMAIN, GATE VALVE & BOX
- PROPOSED WATERMAIN, GATE VALVE & BOX
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT

| NO | DATE     | BY   | REVISIONS                                                                        |
|----|----------|------|----------------------------------------------------------------------------------|
| 2  | 10/18/82 | F.K. | REDUCE ROAD JNT. CONST. & DISTANCE FROM CURB (NOT TO SCALE)                      |
| 1  | 10/18/82 | F.K. | REDUCE R.O.W. OF B6 TO 68' HOMESTEAD CIE. RESULTING IN 20' WATER LINE RELOCATION |

Designed By FK Drawn By JG Checked By F.K. Approved By CT

JOB NO. 8120040  
**MURRAY-McCORMICK, INC.**  
ENVIRONMENTAL DESIGN  
ENGINEERING-PLANNING-SURVEYING  
2601 WYOMING BLVD. N.E. SUITE F ALBUQUERQUE, NEW MEXICO 87110 505 292 1936

BELLAMAH CORPORATION

MASTER PLANNED WATER MAIN  
STA. 0+00 TO STA. 13+41.16  
HOMESTEAD CIRCLE  
NORTH

DATE SCALE AS SHOWN 11 SHEET OF 13

BENCH MARK:

S.E. CORNER SECTION 23, T.11N., R.2E., N.M.P.M.,  
A STANDARD USGS SECTION CORNER MONUMENT  
(2 1/2" INCH BRASS TABLET) RIVETED TO A  
1" INCH IRON PIPE AROUND WHICH HAS BEEN  
POURED A 12" DIAMETER CONCRETE CYLINDER.  
THE TOP OF THE MONUMENT PROJECTS 0.9 FT.  
ABOVE GROUND, ELEV. 5112.53 FEET.

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE  
TRAFFIC ENGINEER DATE

| APPROVALS          | ENGINEER           | DATE    | APPROVALS    | ENGINEER           | DATE    |
|--------------------|--------------------|---------|--------------|--------------------|---------|
| City Engineer      | <i>[Signature]</i> | 1/22/77 | Liquid Waste |                    |         |
| A.C.E. - Design    | <i>[Signature]</i> | 1/22/77 | Traffic      |                    |         |
| A.C.E. - Hydrology | <i>[Signature]</i> | 1/22/77 | Water        | <i>[Signature]</i> | 1/22/77 |

HOMESTEAD CIRCLE NORTH

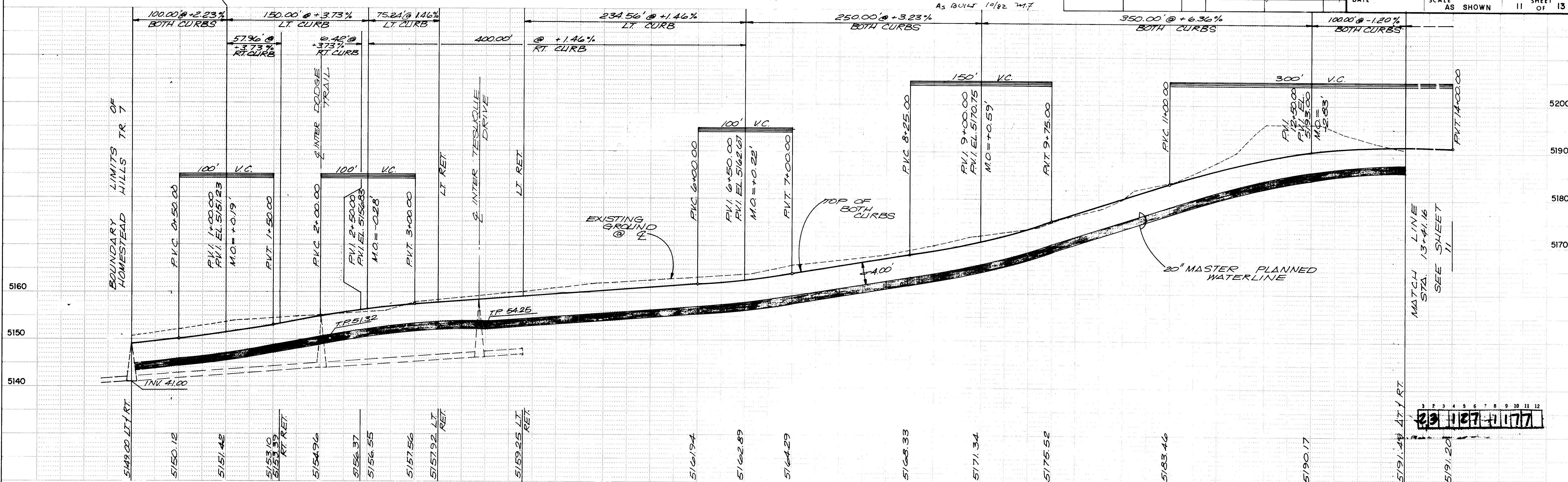


PLATE 1 SINGLE PLAN - PROFILE - DOTTED  
CHARLES BRUNING COMPANY  
MADE IN U.S.A.

SCANNED BY  
BY LASON

W-127-77

8120040



| PLAN              | DATE              |
|-------------------|-------------------|
| SURVEYED          | BY                |
| NOTE BOOK         | NO.               |
| ALIGNMENT CHECKED | RT OF WAY CHECKED |

| PROFILE                     | DATE       |
|-----------------------------|------------|
| SURVEYED                    | BY         |
| NOTE BOOK                   | NO.        |
| GRADES CHECKED              | B.M. NOTED |
| STRUCTURE NOTATIONS CHECKED |            |

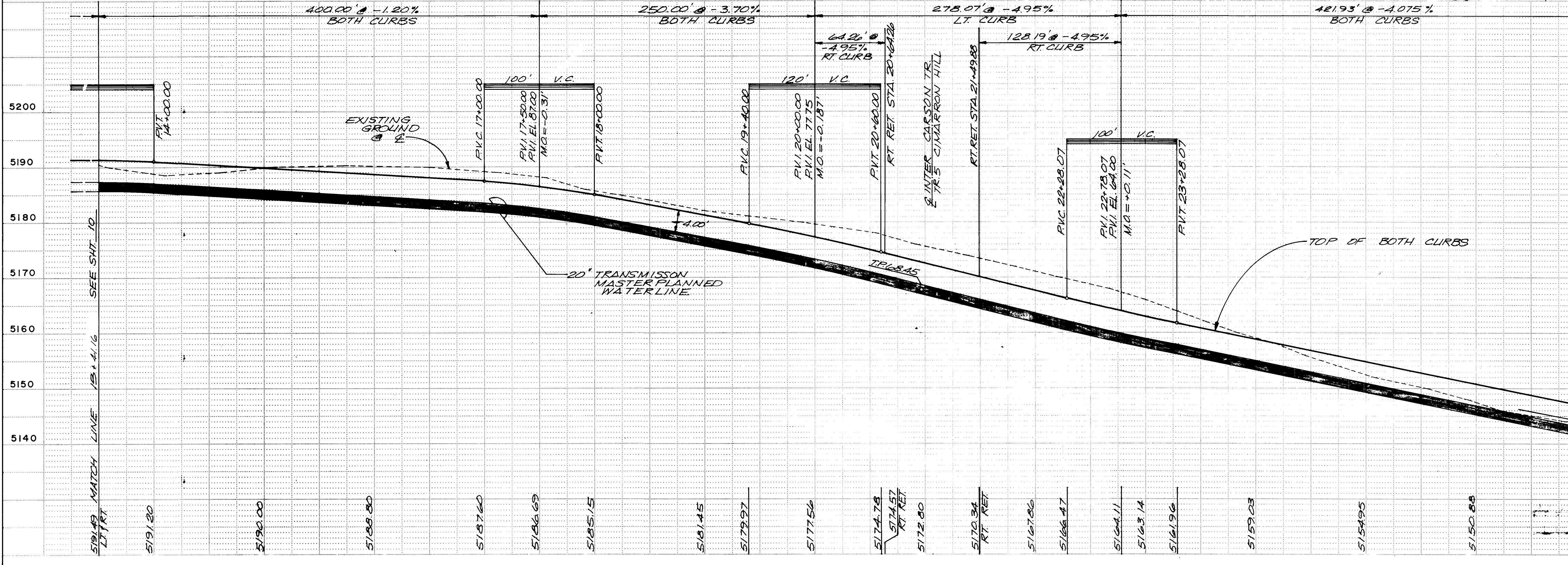
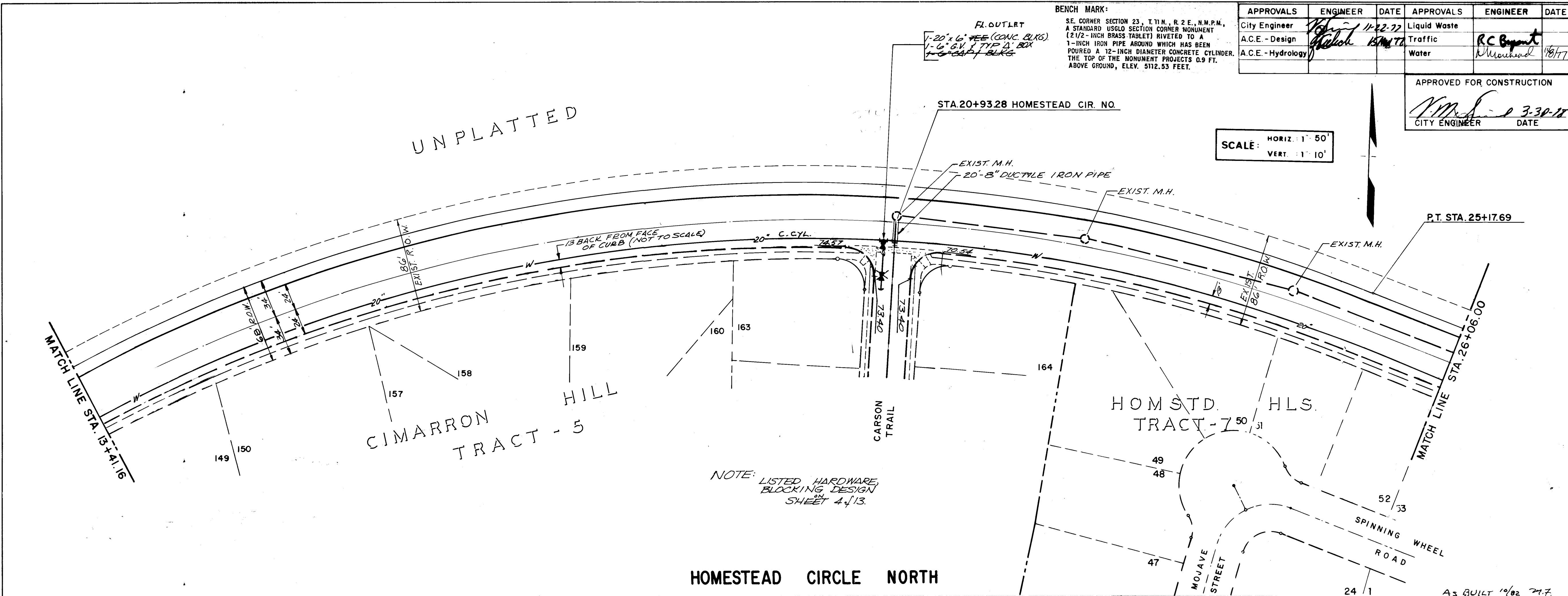


PLATE 1 SINGLE PLAN - PROFILE - DOTTED  
CHARLES BRUNING COMPANY  
MADE IN U.S.A.

| APPROVALS          | ENGINEER  | DATE     | APPROVALS    | ENGINEER  | DATE     |
|--------------------|-----------|----------|--------------|-----------|----------|
| City Engineer      | RC Bryant | 11-22-77 | Liquid Waste | RC Bryant | 11/27/77 |
| A.C.E. - Design    | RC Bryant | 11/27/77 | Traffic      | RC Bryant | 11/27/77 |
| A.C.E. - Hydrology | RC Bryant | 11/27/77 | Water        | RC Bryant | 11/27/77 |

SCALE: HORIZ. 1" = 50'  
VERT. 1" = 10'

# LEGEND

- FLOW DIRECTION
- PROPOSED CURB & GUTTER
- PROPOSED TOP OF CURB ELEVATIONS
- FLOW LINE ELEVATIONS
- VALLEY GUTTER
- NO CROWN AREA
- WHEEL CHAIR RAMP
- EXISTING SANITARY SEWER MANHOLE & MAIN
- PROPOSED SANITARY SEWER MANHOLE & MAIN (SHOWN ON THIS SHEET)
- PROPOSED SANITARY SEWER MANHOLE & MAIN (SHOWN ON ANOTHER SHEET IN THIS SET)
- DUCTILE IRON SANITARY SEWER MAIN
- EXISTING WATERMAIN, GATE VALVE & BOX
- PROPOSED WATERMAIN, GATE VALVE & BOX
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT

| NO. | DATE     | BY | REVISIONS                                                                       |
|-----|----------|----|---------------------------------------------------------------------------------|
| 2   | 11/27/77 | JK | FL. 13' FROM FACE OF CURB (NOT TO SCALE)                                        |
| 1   | 11/27/77 | JK | REDUCE R.O.W. TO 68' HOMESTEAD CIR. RE- SULTING IN RELOCATION OF 80" WATER LINE |

Designed By JK Drawn By JG Checked By FK Approved By CT

BELLAMAH CORPORATION

MASTER PLANNED WATER MAIN  
STA. 13+41.16 to STA. 26+06.00  
HOMESTEAD CIRCLE  
NORTH

| DATE | SCALE | AS SHOWN | 12 | SHEET | 13 |
|------|-------|----------|----|-------|----|
|------|-------|----------|----|-------|----|

| APPROVALS - REVISION | DATE     |
|----------------------|----------|
| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |
| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |

| APPROVALS - REVISION | DATE     |
|----------------------|----------|
| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |

| APPROVALS - REVISION | DATE     |
|----------------------|----------|
| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |

| APPROVALS - REVISION | DATE     |
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| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |

| APPROVALS - REVISION | DATE     |
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| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |

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| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |

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| Traffic Engineer     | 11/27/77 |

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| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |

| APPROVALS - REVISION | DATE     |
|----------------------|----------|
| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |

| APPROVALS - REVISION | DATE     |
|----------------------|----------|
| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |

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|----------------------|----------|
| City Engineer        | 11/27/77 |
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|----------------------|----------|
| City Engineer        | 11/27/77 |
| Traffic Engineer     | 11/27/77 |

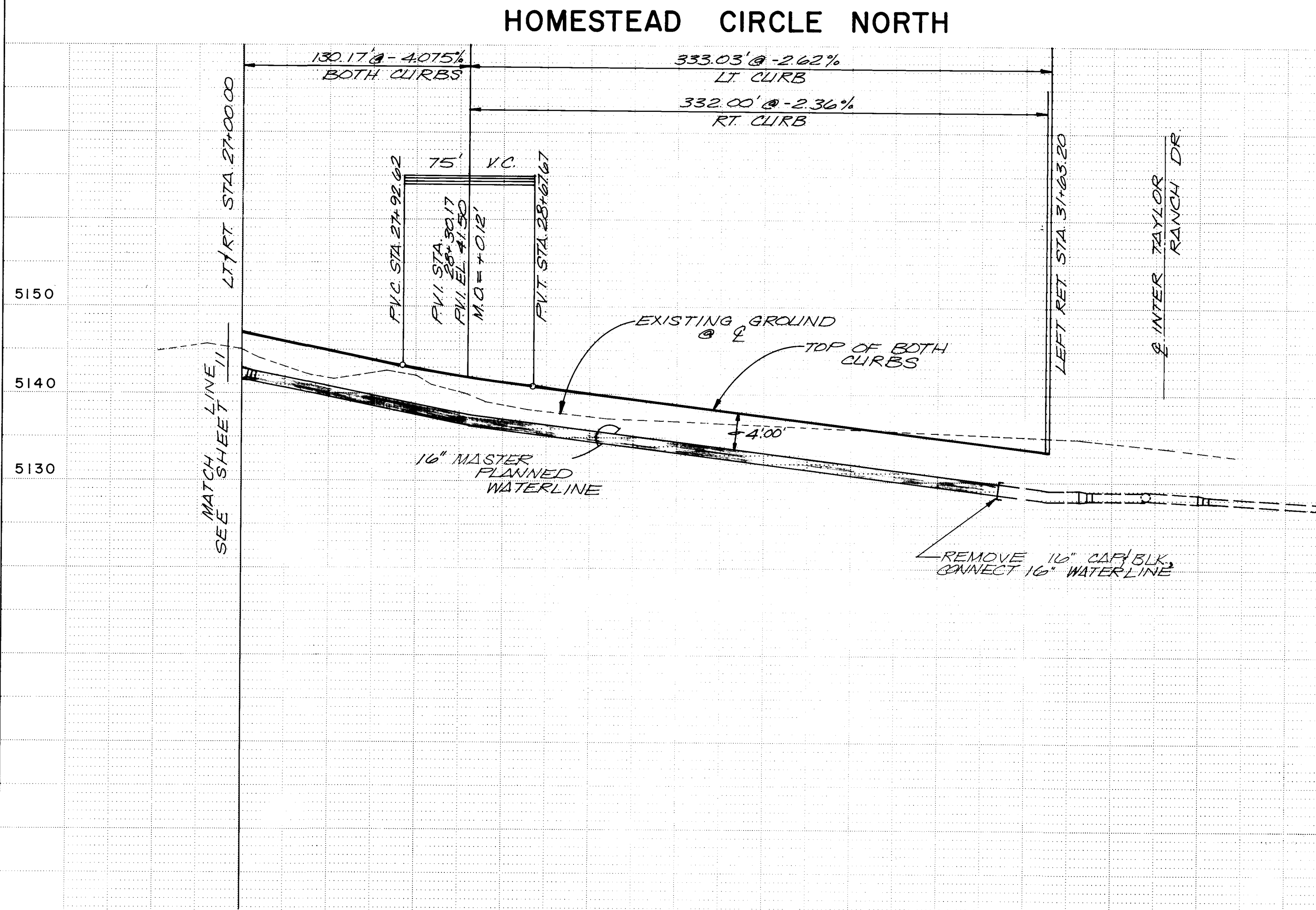
SCANNED BY  
BY L3008

W-127-77

8120040



|                |                                |          |            |
|----------------|--------------------------------|----------|------------|
| <b>PROFILE</b> | SURVEYED _____                 | BY _____ | DATE _____ |
|                | PLOTTED _____                  |          |            |
|                | GRADES CHECKED _____           |          |            |
|                | B. M.'S NOTED _____            |          |            |
| NO _____       | STRUCTURE NOTAT'NS CH'KD _____ |          |            |



HOMESTEAD  
TRAIL

NOTE: LISTED HARDWARE  
BLOCKING DESIGN  
SHEET 4.13.

AS BUILT 10/82 M.F.

| NO | DATE    | BY | REVISIONS                                                                             |
|----|---------|----|---------------------------------------------------------------------------------------|
| 2  | 10/5/78 | FR | DISTANCE OF 13' FROM FACE OF CURB (Not to Scale)                                      |
| 1  | 7/26/78 | FR | REDUCE 86' ROW TO 68' ON HOMESTEAD CIR.<br>RESULTING IN 20' 1/4 WATER LINE RELOCATION |

Designed By FR Drawn By LG Checked By FR Approved By CT

APPROVALS - REVISION

|                  |                   |      |                  |
|------------------|-------------------|------|------------------|
| City Engineer    | <i>JP Niekirk</i> | Date | <i>29 Sep 10</i> |
| Traffic Engineer | <i>RC Bryant</i>  | Date | <i>7-27-10</i>   |

SE. CORNER SECTION 23, T.11N., R.2 E., N.M.P.M.,  
A STANDARD USGLO SECTION CORNER MONUMENT  
(2 1/2-INCH BRASS TABLET) RIVETED TO A  
1-INCH IRON PIPE AROUND WHICH HAS BEEN  
POURED A 12-INCH DIAMETER CONCRETE CYLINDER  
THE TOP OF THE MONUMENT PROJECTS 0.9 FT.  
ABOVE GROUND, ELEV. 5172.53 FEET.

APPROVED FOR CONSTRUCTION

*[Signature]* 3-30-78

CITY ENGINEER DATE

| APPROVALS          | ENGINEER           | DATE      | APPROVALS    | ENGINEER | DATE |
|--------------------|--------------------|-----------|--------------|----------|------|
| City Engineer      | <i>[Signature]</i> | 11-22-77  | Liquid Waste |          |      |
| A.C.E. - Design    | <i>[Signature]</i> | 15 Nov 77 | Traffic      |          |      |
| A.C.E. - Hydrology |                    |           | Water        |          |      |

BELLAMAH CORPORATION

**MASTER PLANNED WATER MAIN**  
STA. 26+06.00 to STA. 32+21.34  
**HOMESTEAD CIRCLE**  
**NORTH**

|      |                   |                   |
|------|-------------------|-------------------|
| DATE | SCALE<br>AS SHOWN | SHEET<br>13 OF 13 |
|------|-------------------|-------------------|

W-127-77