# CONSTRUCTION PLANS

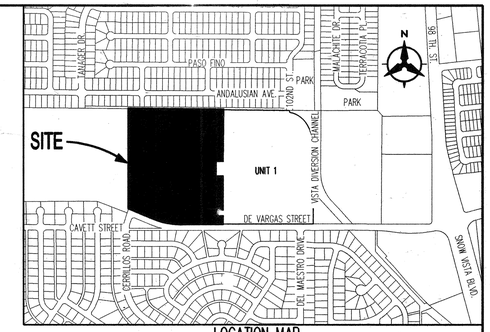
# FOR

# TIMARRON WEST UNIT 2

## ALBUQUERQUE, NEW MEXICO

INDEX






LOCATION MAP
ZONE ATLAS MAP NO. M-8
N.T.S.

### NOTES TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AND SHALL INCLUDE UPDATE No. 6

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

3. EXISTING WATERLINE LOCATION TAKEN FROM AVAILABLE RECORDS. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF EXISTING UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN ORDER TO RESOLVE IT WITH A MINIMUM AMOUNT OF DELAY.

4. FIVE (5) 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 CONST. 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.

5. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICA · ) BY THIS PLAN SET.

6. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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 COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

7. ANY WORK WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.

8. CONTRACTOR SHALL MAINTAIN A GRAFFITTI-FREE-WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITTI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

### THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- [X] 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.
- [X] SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- [X] IF CURB IS DEPRESSED FOR A DRIVEPAD. THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- [X] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- [X] THE REQUESTER OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Geo Chang
DATE 1-27-00
COA INSPECTOR: HERMAN RAY BACA

I, PHILIP W. TURNER, N.M.P.S. 10204, DO HEREBY CERTIFY THAT THE CONSTRUCTED IMPROVEMENTS AS SHOWN ON THE PLANS HEREIN ARE BUILT IN SUBSTANTIAL COMPLIANCE WITH THE CONSTRUCTION PLANS APPROVED BY THE CITY OF ALBUQUERQUE.

THE AS-BUILT SURVEY WAS COMPLETED ON October 28, 19 99.

Philip W. Turner — PHILIP W. TURNER — DATE 12-16-99

"RECORD DRAWINGS"

I CERTIFY THAT THE INFORMATION CONTAINED ON THESE DRAWINGS HAS BEEN REVISED IN ACCORDANCE WITH THE INFORMATION FURNISHED BY THE CONTRACTOR CCM CONSTRUCTION INC. COMMUNITY SCIENCES INC. PROVIDED THE CONSTRUCTION STAKING FOR THE PROJECT AND THIS SURVEY INFORMATION REFLECTS THE CONSTRUCTION AS ACTUALLY ACCOMPLISHED WHILE A CONSTRUCTION OBSERVER FROM SMITH ENGINEERING WAS PRESENT. THESE PLAN DRAWINGS, AS CONSTRUCTED, ARE IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED PLAN DRAWINGS.

01/07/00

PATRICK J. CONLEY, PE 10141 — DATE

PATRICK J. CONLEY — NEW MEXICO — 10141 — REGISTERED PROFESSIONAL ENGINEER

AS-BUILT

DRB# 98-136

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

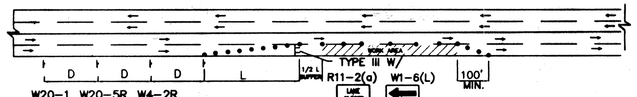
| REV. | SHEETS | CITY ENGINEER | DATE | USER DEPARTMENT | DATE | USER DEPARTMENT | DATE |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

| ENGINEERS STAMP & SIGNATURE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|
| | DRC Chairman | Robert W. Kane | 5-20-99 |
| | Transportation | | 5-6-99 |
| | Water/Wastewater | R.W. Kane | 5-6-99 |
| | Hydrology | | 5-13-99 |
| | Parks | N/A | |
| | Const. Mngmt. | N/A | |
| | Const. Coord. | | 4-22-99 |
| | City Project No. 612781 | | |

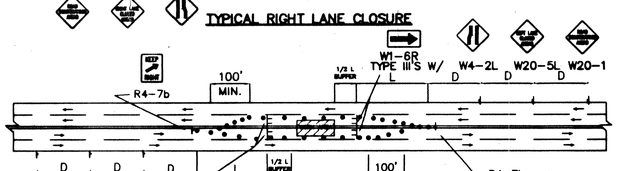
APPROVED FOR CONSTRUCTION
City Engineer — Date 6/17/99

Sheet 1 Of 24

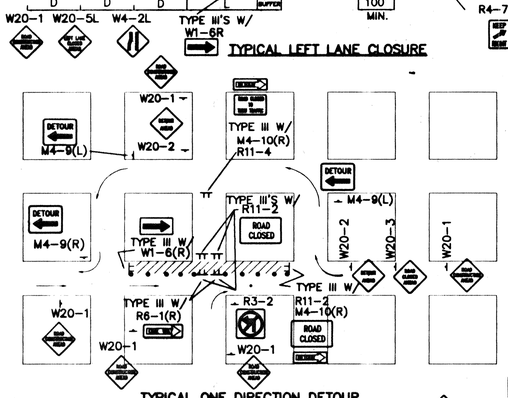
BOHANNAN_HUSTON_PROJECT_NO:99395
FILENAME:BHIMAIN\99324\CDP\GENERALjCO\ ''R.DWG



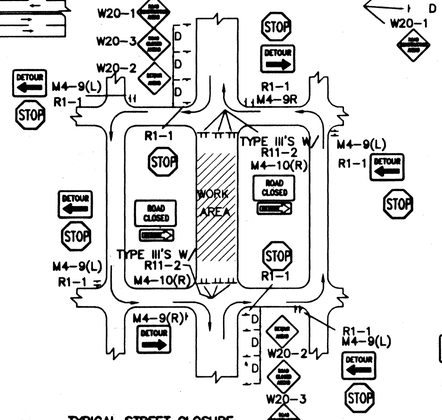

TYPICAL RIGHT LANE CLOSURE




TYPICAL LEFT LANE CLOSURE

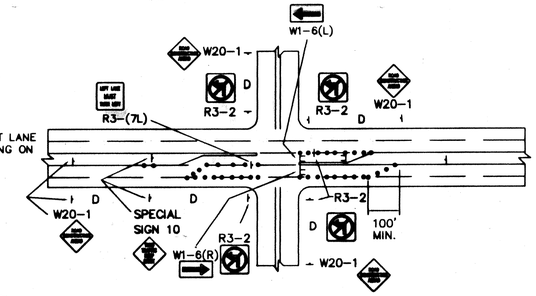



TYPICAL ONE DIRECTION DETOUR




TYPICAL STREET CLOSURE

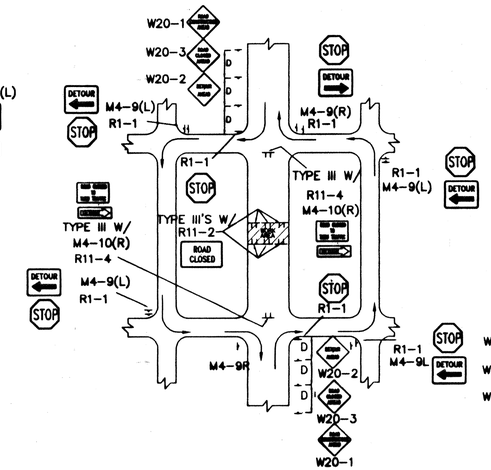
NOTE: (R1-1) BASED ON FIELD CONDITIONS.




NOTE:
MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.

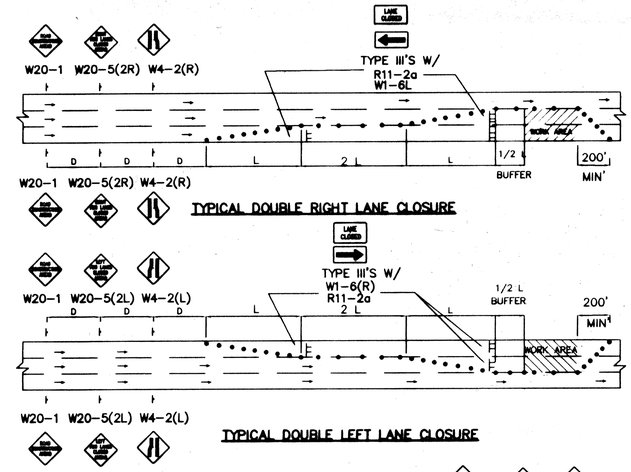
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION



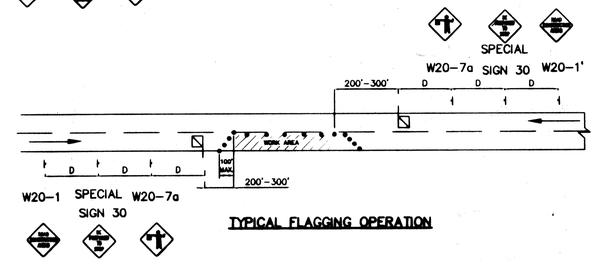

TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

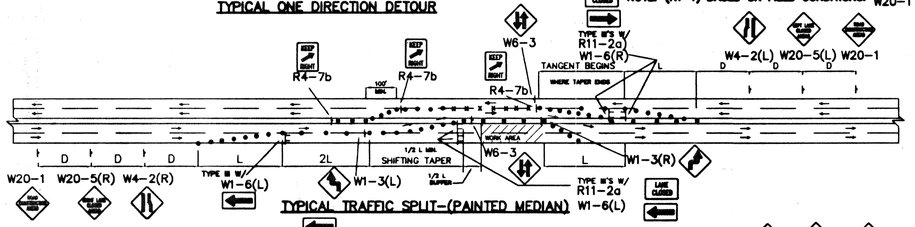



TYPICAL DOUBLE RIGHT LANE CLOSURE

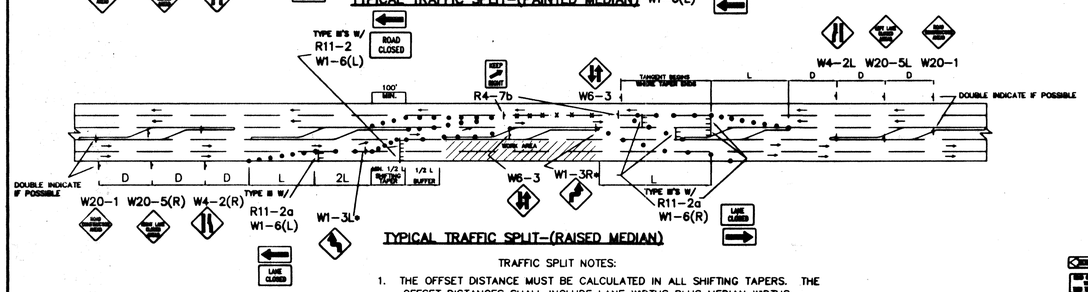
TYPICAL DOUBLE LEFT LANE CLOSURE




TYPICAL FLAGGING OPERATION



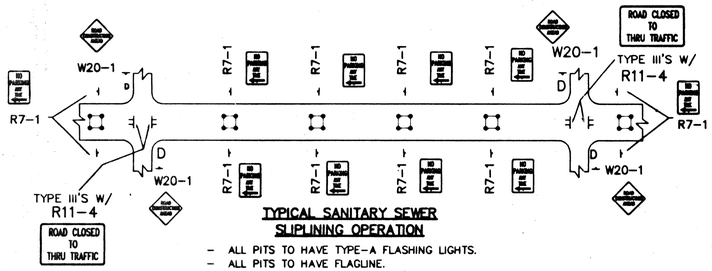

TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)




TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

TRAFFIC SPLIT NOTES:

1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. * USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



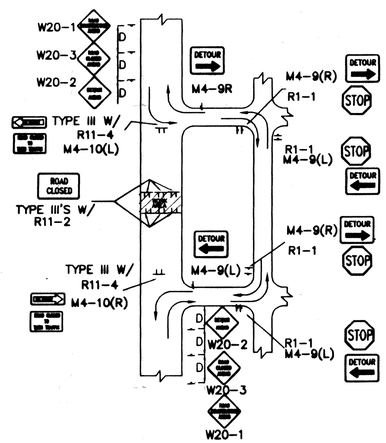

TYPICAL SANITARY SEWER SLIPLINING OPERATION

- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS.
- ALL PITS TO HAVE FLAGLINE.

**GENERAL NOTE:**

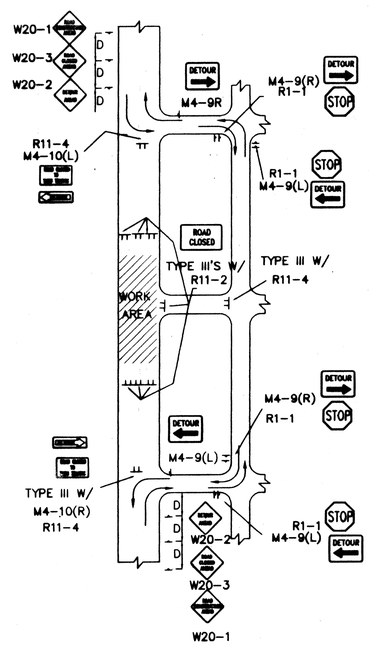
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT. △1



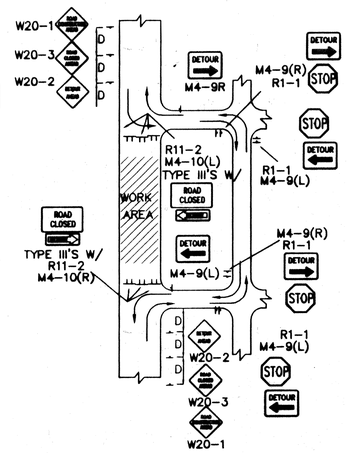

TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.




TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.




TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

SCANNED BY MESA REPRO

CTCSTND2.DWG

AS BUILT INFORMATION
CONTRACTOR: DATE
WORK STAKED BY: DATE
INSPECTED BY: DATE
ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: DATE
DRAWINGS CORRECTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| △1 | 9/24/97 | REVISED GENERAL NOTE | J.D.L. |

REVISIONS

DESIGN
DESIGNED BY C.O.A. STANDARDS DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

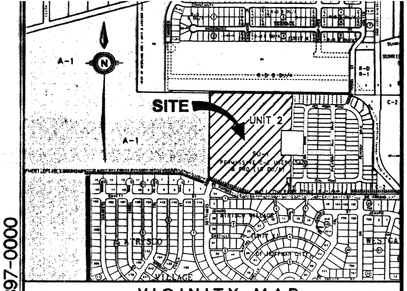
TITLE: **AS-BUILT** TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)

DESIGN REVIEW COMMITEE: APPROVED 20 1997 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED MAY 24 1999 CITY ENGINEER

LAST UPDATE | MO./DAY/YR. | MO./DAY/YR.

PROJECT NO. | MAP NO. M-8 | SHEET 22 OF 24




# PLAT
FOR
# TIMARRON WEST UNIT 2

SITUATE WITHIN
THE TOWN OF ATRISCO GRANT
"PROJECTED" SECTION 32, T10N, R2E, N.M.P.M.
BERNALILLO COUNTY, NEW MEXICO
JULY, 1998

SCANNED BY
MESA REPRO

LEGAL DESCRIPTION:

THAT CERTAIN PARCEL OF LAND SITUATE WITHIN THE TOWN OF ATRISCO GRANT, "PROJECTED" SECTION 32, TOWNSHIP 10 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, BERNALILLO COUNTY, NEW MEXICO AND BEING COMPRISED OF PARCEL 1, TIMARRON WEST UNIT 1 AS THE SAME AS SHOWN AND DESIGNATED ON THE PLAT OF RECORD FILED IN THE OFFICE OF THE COUNTY CLERK IN BERNALILLO COUNTY, NEW MEXICO ON Oct 15, 1998 IN VOLUME 98c, FOLIO 308 AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING FOR A TIE AT THE CITY OF ALBUQUERQUE (ACS) MONUMENT "1-M9" HAVING NEW MEXICO STATE PLANE COORDINATES, CENTRAL ZONE (NAD 1927), OF X=353063.17, AND Y=1475755.53; THENCE N87°35'46"W, 2055.08 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF DE VARGAS ROAD S.W., SAID POINT ALSO BEING THE SOUTHEAST CORNER AND TRUE POINT OF BEGINNING OF THE PARCEL HEREIN DESCRIBED; THENCE ALONG SAID NORTHERLY RIGHT-OF-WAY LINE OF DE VARGAS ROAD S.W., N89°56'12"W, 352.99 FEET TO A POINT OF CURVATURE; THENCE NORTHWESTERLY 224.58 FEET ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 576.78 FEET, A CENTRAL ANGLE OF 22°18'34", AND A CHORD THAT BEARS N78°46'55"W, 223.17 FEET) TO A POINT OF TANGENCY; THENCE N67°37'38"W, 252.73 FEET TO AN ANGLE POINT; THENCE N67°57'43"W, 10.76 FEET TO THE SOUTHWEST CORNER OF THE PARCEL HEREIN DESCRIBED; THENCE DEPARTING SAID NORTHERLY RIGHT-OF-WAY OF DE VARGAS ROAD S.W. AND ALONG THE EAST PROPERTY LINE OF TRACT 2, LANDS OF GREVEY/LIBERMAN N00°37'23"E, 899.43 FEET TO THE NORTHEAST CORNER OF SAID TRACT 2, LANDS OF GREVEY/LIBERMAN, A POINT ON THE SOUTH BOUNDARY LINE OF TRACT 4, SUNRISE TERRACE UNIT 4, AS SHOWN AND DESIGNATED ON THE PLAT OF RECORD FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON JULY 31, 1995 IN VOLUME 95C, FOLIO 280, AND THE NORTHWEST CORNER OF THE PARCEL HEREIN DESCRIBED; THENCE ALONG SAID SOUTH BOUNDARY LINE OF TRACT 4, SUNRISE TERRACE UNIT 4, S89°22'37"E, 878.23 FEET TO A POINT BEING THE NORTHWEST CORNER OF H.O.A. TRACT C, TIMARRON WEST UNIT 1 AND THE NORTHEAST CORNER OF THE PARCEL HEREIN DESCRIBED; DEPARTING SAID SOUTH BOUNDARY LINE OF TRACT 4, SUNRISE TERRACE UNIT 4, AND ALONG THE NORTH BOUNDARY OF H.O.A. TRACT C FOR THE NEXT THREE (3) COURSES, S00°37'23"W, 110.00 FEET TO AN ANGLE POINT; THENCE N89°22'37"W, 8.83 FEET TO AN ANGLE POINT; THENCE S00°37'23"W, 277.01 FEET TO THE SOUTHWEST CORNER OF H.O.A. TRACT C, TIMARRON WEST UNIT 1; THENCE ALONG THE NORTH BOUNDARY OF H.O.A. TRACT B FOR THE NEXT THREE (3) COURSES, N89°22'37"W, 110.00 FEET TO AN ANGLE POINT; THENCE S00°37'23"W, 249.91 FEET TO AN ANGLE POINT; THENCE S89°22'37"E, 110.00 FEET TO THE NORTHWEST CORNER OF H.O.A. TRACT A, TIMARRON WEST UNIT 1; THENCE ALONG THE NORTH BOUNDARY OF H.O.A. TRACT A FOR THE NEXT TWO (2) COURSES, S00°37'23"W, 221.15 FEET TO AN ANGLE POINT; THENCE S45°20'36"W, 14.21 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF TEAL ROAD S.W.; THENCE ALONG SAID NORTH RIGHT-OF-WAY LINE OF TEAL ROAD S.W., N89°56'12"W, 33.94 FEET TO AN ANGLE POINT; THENCE DEPARTING THE NORTH RIGHT-OF-WAY LINE OF TEAL ROAD S.W., S00°03'48"W, 46.00 FEET TO A POINT ON CURVE ON THE SOUTH RIGHT-OF-WAY LINE OF TEAL ROAD S.W.; THENCE SOUTHEASTERLY 31.42 FEET ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 20.00 FEET, A CHORD OF 90°00'00", AND A CHORD BEARING S44°56'12"E, 28.28 FEET) TO A POINT OF TANGENCY ON THE WEST RIGHT-OF-WAY LINE OF TIMARRON DRIVE S.W.; THENCE ALONG SAID WEST RIGHT-OF-WAY LINE, S00°03'48"W, 70.00 FEET TO A POINT OF CURVATURE; THENCE SOUTHWESTERLY 47.12 FEET ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 30.00 FEET, A CENTRAL ANGLE OF 90°00'00", AND A CHORD THAT BEARS S45°03'48"W, 42.43 FEET) TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF DE VARGAS ROAD S.W., SAID POINT ALSO BEING THE SOUTHEAST CORNER AND TRUE POINT OF BEGINNING OF THE PARCEL HEREIN DESCRIBED.

THE ABOVE DESCRIBED PARCEL CONTAINS 19.4030 ACRES OR 845,196 S.F. MORE OR LESS.

APPROVALS:

SUBDIVISION CASE NUMBER: _____

| | |
|---|---|
| CITY PLANNER/ALBUQUERQUE, BERNALILLO CO. PLANNING DIVISION | DATE |
| PARKS DESIGN AND DEVELOPMENT | DATE |
| TRAFFIC ENGINEER, TRANSPORTATION DEPARTMENT | DATE |
| CITY ENGINEER, ENGINEERING DIVISION | DATE |
| ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY | DATE |
| UTILITY DEVELOPMENT | DATE |
| CITY SURVEYOR, ENGINEERING DIVISION | DATE |
| PROPERTY MANAGEMENT | DATE |
| PNM GAS SERVICES | DATE |
| U S WEST COMMUNICATIONS, INC. | DATE |
| PNM ELECTRIC SERVICES | DATE |

SUBDIVISION DATA:

CASE NO .....DRB-98-136 V-98-35 SV-98-84 Z-98-53
GROSS SUBDIVISION ACREAGE .....19.4030 AC
ZONE ATLAS INDEX NO .....L-8-Z/M-8-Z
NO. OF EXISTING PARCELS .....1
NO. OF EXISTING LOTS .....0
NO. OF LOTS CREATED .....111
NO. OF PARCELS CREATED .....1
NO. OF H.O.A. TRACTS CREATED .....4
MILES OF FULL-WIDTH STREETS CREATED .....0.7 MILES
DATE OF SURVEY .....MARCH, 1998
S.P. TALOS LOG .....NO. 98-9617-1331-0988

TREASURER'S CERTIFICATION

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC #s:

PARCEL 1, TIMARRON WEST UNIT 1, UPC# 1-002055-439405-118115
(FORMERLY TRACT 1, LANDS OF GREVEY/LIBERMAN)

PROPERTY OWNER OF RECORD: CENTEX HOMES, INC.

BERNALILLO COUNTY TREASURER'S OFFICE:

BY: _____ DATE: _____

FREE CONSENT AND DEDICATION:

THE SUBDIVISION SHOWN HEREON IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER(S) AND/OR PROPRIETOR(S) THEREOF AND SAID OWNER(S) AND/OR PROPRIETOR(S) DO HEREBY DEDICATE ALL STREETS AND PUBLIC RIGHTS-OF-WAY SHOWN HEREON TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS AND DO HEREBY GRANT: ALL ACCESS, UTILITY AND DRAINAGE EASEMENTS SHOWN HEREON INCLUDING THE RIGHT TO CONSTRUCT, OPERATE, INSPECT, AND MAINTAIN FACILITIES THEREIN; AND ALL PUBLIC UTILITY EASEMENTS SHOWN HEREON FOR THE COMMON AND JOINT USE OF GAS, ELECTRICAL POWER AND COMMUNICATION SERVICES FOR BURIED AND/OR OVERHEAD DISTRIBUTION LINES, AND INCLUDING THE RIGHT OF INGRESS AND EGRESS FOR CONSTRUCTION AND MAINTENANCE, AND THE RIGHT TO TRIM INTERFERING TREES AND SHRUBS (SEE NOTE 6). SAID OWNER(S) AND/OR PROPRIETOR(S) DO HEREBY CONSENT TO ALL OF THE FOREGOING AND DO HEREBY CERTIFY THAT THIS SUBDIVISION IS THEIR FREE ACT AND DEED.

CENTEX HOMES, INC.

A NEVADA GENERAL PARTNERSHIP

BY: _____ DATE: _____
TOM HOUSER, DIVISION PRESIDENT

STATE OF NEW MEXICO )
SS
COUNTY OF BERNALILLO )

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON _____, 1998
BY TOM HOUSER, DIVISION PRESIDENT ON BEHALF OF SAID PARTNERSHIP.

BY: _____
NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

CITY OF ALBUQUERQUE PLAT CERTIFICATION

SURVEYOR'S CERTIFICATION:

I, CLIFF A. SPIROCK, HEREBY AFFIRM THAT I AM A DULY QUALIFIED REGISTERED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO AND DO CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; SHOWS ACCURATE DIMENSIONS, AND LAND AREAS; SHOWS ALL EASEMENTS AND RESTRICTIONS AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNERS AND/OR PROPRIETORS OF THE SUBDIVISION SHOWN HEREON, TITLE COMPANIES, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST. I FURTHER CERTIFY THAT THIS PLAT MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, MEETS THE "MINIMUM STANDARDS FOR LAND SURVEYS" SET FORTH BY THE STATE OF NEW MEXICO AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CLIFF A. SPIROCK, N.M.R.P.S. #4972 — 2/22/99 DATE

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO No. 4972 2/22/99 C. A. SPIROCK

INDEX OF SHEETS



SHEET 1 OF 4

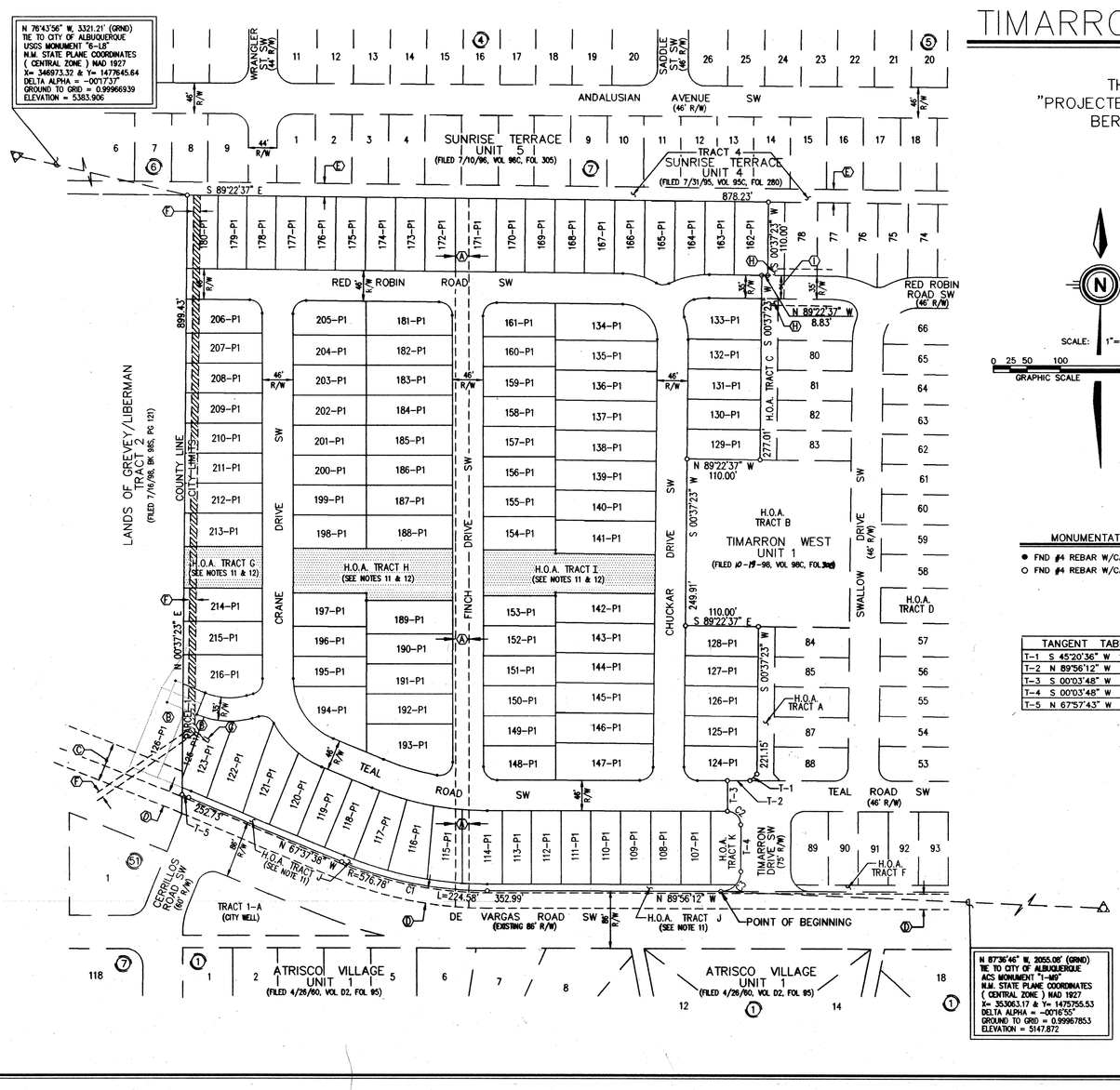
| | |
|---|---|
| DATE: JULY, 1998 | community sciences corporation |
| SCALE: N/A | |
| DESIGNED: B.O.M. | |
| DRAWN: D.E.R. | |
| JOB NO.: 399-06-025 | LAND PLANNING · ENGINEERING · SURVEYING · P.O. Box 1328 · Corrales, N.M. 87048 |

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

AS-BUILT

# PLAT
FOR
# TIMARRON WEST UNIT 2

SITUATE WITHIN
THE TOWN OF ATRISCO GRANT
"PROJECTED" SECTION 32, T10N, R2E, N.M.P.M.
BERNALILLO COUNTY, NEW MEXICO
JULY, 1998




LEGEND

- DENOTES NEW LIMITS OF PORTION OF AN EXISTING BLANKET DRAINAGE EASEMENT (FILED 7/16/98, BK 98S, PG 121) REFERENCED WITH THIS PLAT. (SEE NOTE 12)
- DENOTES PORTION OF AN EXISTING 10' PNM & MST&T EASEMENT (FILED 5/6/60, BK D541, PG 147), VACATED WITH THIS PLAT. (V-98- )

SCALE: 1" = 100'
0 25 50 100 200 300
GRAPHIC SCALE IN FEET:

KEYED NOTES

- (A) EXISTING 20' PUBLIC WATERLINE EASEMENT (7/15/70, BK M5 180, PG 582) & (4/16/92, BK BCR 92-9, PG 1027)
- (B) FUTURE REPLAT OF PARCEL 1 TO BE ACOMPLISHED WITH ACQUISITION AND ANNEXATION OF ADJOINING PROPERTY TO CREATE LOTS 125-P1 & 126-P1 AND TO DEDICATE ADDITIONAL RIGHT-OF-WAY.
- (C) EXISTING 60' PUBLIC DRAINAGE EASEMENT (FILED 2/19/60, BK D528, PG 383)
- (D) EXISTING 23' PUBLIC ROADWAY, UTILITY & DRAINAGE EASEMENT (FILED 7/16/98, BK 98C , PG 121)
- (E) EXISTING 20' OPEN SPACE TRAIL R/W WITH EXISTING P.U.E. (FILED 7/31/95, VOL 95C, FOL 280)
- (F) EXISTING 10' PNM & MST&T EASEMENT (FILED 5/6/60, BK D541, PG 147)
- (G) EXISTING 5'x 30' PNM ANCHOR & GUY EASEMENT (FILED 5/6/60, BK D541, PG 147) VACATED WITH THIS PLAT. (V-98- )
- (H) EXISTING 10' PUBLIC UTILITY EASEMENT (FILED / /98, VOL 98C , VOL )
- (I) EXISTING 35' PUBLIC SANITARY SEWER & WATERLINE EASEMENT (FILED / /98, VOL 98C , VOL )

MONUMENTATION

- ● FND #4 REBAR W/CAP "LS 12651"
- ○ FND #4 REBAR W/CAP "LS 4972"

| TANGENT TABLE | | |
|---|---|---|
| T-1 | S 45°20'36" W | 14.21' |
| T-2 | N 89°56'12" W | 33.94' |
| T-3 | S 00°03'48" W | 46.00' |
| T-4 | S 00°03'48" W | 70.00' |
| T-5 | N 67°57'43" W | 10.76' |

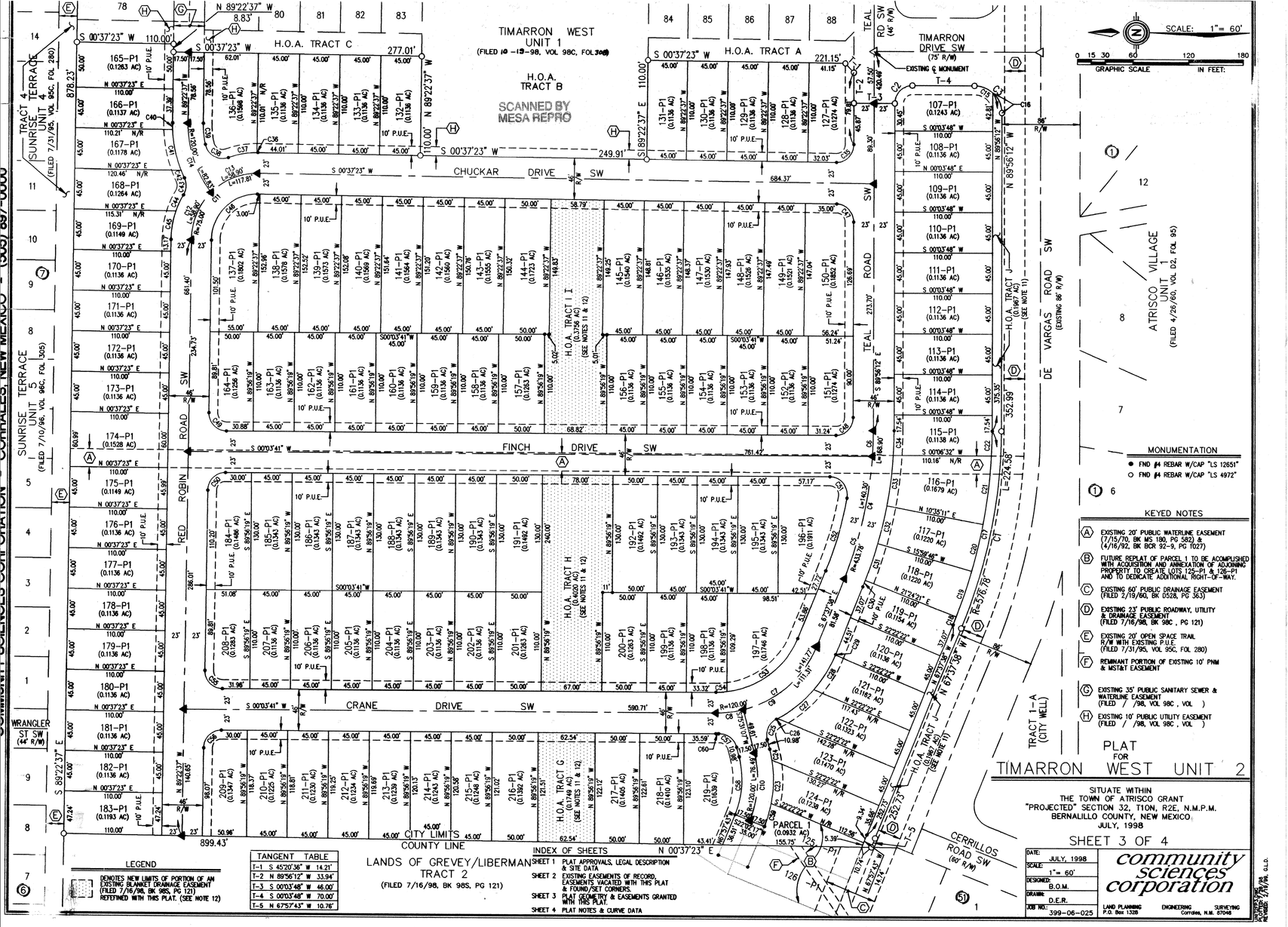
INDEX OF SHEETS



SHEET 2 OF 4

| | |
|---|---|
| DATE: JULY, 1998 | community sciences corporation |
| SCALE: 1" = 100' | |
| DESIGNED: B.O.M. | |
| DRAWN: D.E.R. | |
| JOB NO.: 399-06-025 | LAND PLANNING · ENGINEERING · SURVEYING · P.O. Box 1328 · Corrales, N.M. 87048 |

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000




**AS-BUILT**

# PLAT FOR TIMARRON WEST UNIT 2

SITUATE WITHIN
THE TOWN OF ATRISCO GRANT
"PROJECTED" SECTION 32, T10N, R2E, N.M.P.M.
BERNALILLO COUNTY, NEW MEXICO
JULY, 1998

| CURVE DATA | | | | | | |
|---|---|---|---|---|---|---|
| ID | Radius | Arc | Delta | Tangent | Chord Brg | Chord |
| C1 | 576.78 | 224.58 | 022-18-34 | 113.73 | N78-46-55W | 223.17 |
| C2 | 20.00 | 31.42 | 090-00-00 | 20.00 | S44-56-12E | 28.28 |
| C3 | 30.00 | 47.12 | 090-00-00 | 30.00 | S45-03-48W | 42.43 |
| C4 | 433.78 | 168.90 | 022-18-34 | 85.53 | N78-46-55W | 167.84 |
| C5 | 433.78 | 140.30 | 018-31-55 | 70.77 | N76-53-35W | 139.69 |
| C6 | 433.78 | 28.60 | 003-46-39 | 14.30 | N88-02-52W | 28.59 |
| C7 | 120.00 | 141.77 | 067-41-19 | 80.47 | N33-46-58W | 133.67 |
| C8 | 120.00 | 30.46 | 014-32-34 | 15.31 | N07-12-36W | 30.38 |
| C9 | 120.00 | 111.31 | 053-08-45 | 60.02 | N41-03-15W | 107.36 |
| C10 | 120.00 | 76.49 | 036-31-10 | 39.59 | N86-13-18W | 75.20 |
| C11 | 75.00 | 117.81 | 090-00-00 | 75.00 | S44-22-37E | 106.07 |
| C12 | 75.00 | 58.90 | 045-00-00 | 31.07 | S66-52-37E | 57.40 |
| C13 | 75.00 | 58.90 | 045-00-00 | 31.07 | S21-52-37E | 57.40 |
| C14 | 120.00 | 82.83 | 039-32-47 | 43.14 | N70-51-00E | 81.19 |
| C15 | 30.00 | 21.89 | 041-48-37 | 11.46 | S20-58-07W | 21.41 |
| C16 | 30.00 | 25.23 | 048-11-23 | 13.42 | S65-58-07W | 24.49 |
| C17 | 566.78 | 220.69 | 022-18-34 | 111.76 | N78-46-55W | 219.30 |
| C18 | 566.78 | 9.57 | 000-58-01 | 4.78 | N68-06-38W | 9.57 |
| C19 | 566.78 | 53.51 | 005-24-35 | 26.78 | N71-17-57W | 53.49 |
| C20 | 566.78 | 53.51 | 005-24-35 | 26.78 | N76-42-32W | 53.49 |
| C21 | 566.78 | 76.54 | 007-44-13 | 38.33 | N83-16-56W | 76.48 |
| C22 | 566.78 | 27.56 | 002-47-10 | 13.78 | N88-32-37W | 27.56 |
| C23 | 137.50 | 48.63 | 020-15-53 | 24.57 | N89-10-03W | 48.38 |
| C24 | 137.50 | 12.44 | 005-10-54 | 6.22 | S78-06-34W | 12.43 |
| C25 | 20.00 | 26.77 | 076-41-58 | 15.82 | S66-07-54E | 24.82 |
| C26 | 143.00 | 1.46 | 000-35-12 | 0.73 | N28-04-31W | 1.46 |
| C27 | 143.00 | 51.68 | 020-42-30 | 26.13 | N38-43-22W | 51.40 |
| C28 | 143.00 | 45.80 | 018-21-09 | 23.10 | N58-15-12W | 45.61 |
| C29 | 143.00 | 0.49 | 000-11-52 | 0.25 | N67-31-42W | 0.49 |
| C30 | 456.78 | 7.71 | 000-58-01 | 3.85 | N68-06-38W | 7.71 |
| C31 | 456.78 | 43.13 | 005-24-35 | 21.58 | N71-17-57W | 43.11 |
| C32 | 456.78 | 43.13 | 005-24-35 | 21.58 | N76-42-31W | 43.11 |
| C33 | 456.78 | 56.42 | 007-04-35 | 28.24 | N82-57-06W | 56.38 |
| C34 | 456.78 | 27.48 | 003-26-48 | 13.74 | N88-12-48W | 27.47 |
| C35 | 20.00 | 31.61 | 090-33-35 | 20.20 | N44-39-24W | 28.42 |
| C36 | 98.00 | 0.99 | 000-34-44 | 0.50 | S00-20-01W | 0.99 |
| C37 | 98.00 | 33.65 | 019-40-23 | 16.99 | S09-47-32E | 33.48 |
| C38 | 20.00 | 33.90 | 097-07-40 | 22.66 | N28-56-07E | 29.99 |
| C39 | 102.50 | 23.48 | 013-07-26 | 11.79 | N84-03-40E | 23.43 |
| C40 | 137.50 | 7.62 | 003-10-24 | 3.81 | N89-02-11E | 7.61 |
| C41 | 137.50 | 46.37 | 019-19-24 | 23.41 | N77-47-17E | 46.15 |
| C42 | 137.50 | 9.02 | 003-45-38 | 4.51 | N66-14-46E | 9.02 |
| C43 | 20.00 | 19.79 | 056-41-02 | 10.79 | N87-17-32W | 18.99 |
| C44 | 98.00 | 19.63 | 011-28-34 | 9.85 | S64-41-17E | 19.60 |
| C45 | 98.00 | 32.41 | 018-57-02 | 16.36 | S79-54-06E | 32.27 |
| C46 | 52.00 | 81.68 | 090-00-00 | 52.00 | S44-22-37E | 73.54 |
| C47 | 20.00 | 31.22 | 089-26-25 | 19.81 | S45-20-36W | 28.15 |
| C48 | 20.00 | 31.42 | 089-59-53 | 20.00 | N44-56-15W | 28.28 |
| C49 | 20.00 | 31.61 | 090-33-42 | 20.20 | N45-20-32E | 28.42 |
| C50 | 20.00 | 31.22 | 089-26-18 | 19.80 | S44-39-28E | 28.15 |
| C51 | 20.00 | 35.10 | 100-33-24 | 24.07 | S50-20-23W | 30.77 |
| C52 | 410.78 | 84.28 | 011-45-18 | 42.29 | N73-30-17W | 84.13 |
| C53 | 97.00 | 102.89 | 060-46-27 | 56.88 | N37-14-24W | 98.13 |
| C54 | 97.00 | 11.71 | 006-54-52 | 5.86 | N03-23-45W | 11.70 |
| C55 | 20.00 | 31.61 | 090-33-42 | 20.20 | N45-20-32E | 28.42 |
| C56 | 20.00 | 31.22 | 089-26-18 | 19.80 | S44-39-28E | 28.15 |
| C57 | 20.00 | 26.77 | 076-41-58 | 15.82 | S37-10-08W | 24.82 |
| C58 | 102.50 | 65.33 | 036-31-10 | 33.82 | N86-13-18W | 64.23 |
| C59 | 137.50 | 26.57 | 011-04-23 | 13.33 | N73-29-55W | 26.53 |
| C60 | 143.00 | 3.10 | 001-14-32 | 1.55 | N00-33-35W | 3.10 |

INDEX OF SHEETS

SHEET 1 PLAT APPROVALS, LEGAL DESCRIPTION & SITE DATA

SHEET 2 EXISTING EASEMENTS OF RECORD, EASEMENTS VACATED WITH THIS PLAT & FOUND/SET CORNERS.

SHEET 3 PLAT GEOMETRY & EASEMENTS GRANTED WITH THIS PLAT.

SHEET 4 PLAT NOTES & CURVE DATA

NOTES:

1. THE PURPOSE OF THIS PLAT IS TO REDEFINE A PORTION OF AN EXISTING BLANKET DRAINAGE EASEMENT AND TO REPLAT PARCEL 1, TIMARRON WEST UNIT 1, INTO 111 SINGLE FAMILY LOTS, 4 HOME OWNER'S ASSOCIATION (H.O.A.) TRACTS, 1 PARCEL AND ADJOINING STREETS.

2. ALL BEARINGS SHOWN HERON ARE GRID BEARINGS BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, MEAN DELTA ALPHA =00°17'16". ALL DISTANCES ARE GROUND DISTANCES.

3. BEARINGS AND DISTANCES SHOWN ARE BOTH RECORD & MEASURED.

4. ALL DIMENSIONS PUBLISHED ALONG CURVED LINES ARE ARC DISTANCES. LOT LINES MARKED N/R ARE NON-RADIAL.

5. BENCHMARK FOR THIS PLAT IS THE ACS MONUMENT "1-M9" LOCATED AT THE INTERSECTION OF CENTRAL AVENUE AND 98TH STREET AND IS A STANDARD CITY OF ALBUQUERQUE (C.O.A.) BRASS CAP IN CONCRETE 1' ABOVE GROUND STAMPED "1-M9". ELEVATION= 5147.872.

6. UNLESS OTHERWISE NOTED, ALL CORNERS ARE EVIDENCED BY A #5 REBAR WITH ALUMINUM CAP STAMPED "P.S. #4972".

7. CENTERLINE (IN LIEU OF R/W) MONUMENTATION TO BE INSTALLED AT ALL CENTERLINE PC'S, PT'S, ANGLE POINTS AND STREET INTERSECTIONS PRIOR TO ACCEPTANCE OF SUBDIVISION STREET IMPROVEMENTS AND WILL CONSIST OF A FOUR INCH (ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION SURVEY MARKER DO NOT DISTURB P.L.S. 4972". DENOTES CENTERLINE MONUMENT

8. PUBLIC UTILITY EASEMENTS (P.U.E.) SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

A. PNM ELECTRICAL SERVICES FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.

B PNM GAS SERVICES FOR INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS.

C. U S WEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.

D. JONES INTERCABLE FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH UNDERGROUND LINES, CABLE, AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.

INCLUDED IS THE RIGHT TO BUILD, REBUILD, CONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MODIFY, RENEW, OPERATE, AND MAINTAIN FACILITIES FOR THE PURPOSES DESCRIBED ABOVE, TOGETHER WITH FREE ACCESS TO, FROM, AND OVER SAID EASEMENTS, INCLUDING SUFFICIENT WORKING AREA SPACE FOR ELECTRIC TRANSFORMERS, WITH THE RIGHT AND PRIVILEGE TO TRIM AND REMOVE TREES, SHRUBS OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SIGN, POOL (ABOVE GROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD POOL DECKING, OR OTHER STRUCTURE SHALL BE ERECTED OR CONSTRUCTED ON SAID EASEMENTS, NOR SHALL ANY WELL BE DRILLED OR OPERATED THEREON. PROPERTY OWNERS SHALL BE SOLELY RESPONSIBLE FOR CORRECTING ANY VIOLATIONS OF NATIONAL ELECTRICAL SAFETY CODE CAUSED BY CONSTRUCTION OF POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO OR NEAR EASEMENTS SHOWN ON THIS PLAT.

9. CITY OF ALBUQUERQUE WATER AND SEWER SERVICE TO THESE LOTS MUST BE VERIFIED AND COORDINATED WITH THE PUBLIC WORKS DEPARTMENT, CITY OF ALBUQUERQUE

10. STREET RIGHT-OF-WAY AND PAVEMENT WIDTHS HAVE BEEN REDUCED PER THE STANDARD REQUIREMENTS FOR INTERMITTENT PARKING DESIGN. THE "P1" SUFFIX TO LOT NUMBERS DESIGNATES SPECIAL ON-SITE PARKING CRITERIA WHICH JUSTIFIED THE CITY ALLOWING REDUCED STREET WIDTHS IN THIS SUBDIVISION. SPECIFICALLY, THE PARKING DENSITY CATEGORY OF "INTERMITTENT" IS MET BY EACH LOT PROVIDING 4 PARKING SPACES (INCLUDING GARAGE) FOR 3-4 BEDROOMS. ALL DWELLINGS WILL HAVE 2-4 BEDROOMS AND 2-CAR ATTACHED GARAGES WITH 2-CAR DRIVEWAYS.

11. HOME OWNER'S ASSOCIATION (H.O.A.), TRACTS I THROUGH L ARE RESERVED FOR USE BY THE TIMARRON ESTATES HOME OWNER'S ASSOCIATION AND ITS ASSIGNS FOR SUCH PURPOSES ALLOWED BY ITS BY-LAWS AND COVENANTS (NO RESIDENTIAL USES) AND SHALL BE MAINTAINED BY SAID ASSOCIATION. H.O.A. TRACTS G, H, AND I ARE ENCUMBERED BY A BLANKET LANDSCAPING, NON-VEHICULAR PUBLIC ACCESS AND DRAINAGE EASEMENT. TRACT J IS ENCUMBERED BY A BLANKET WALL, LANDSCAPING AND TRAIL EASEMENT.

12. AN EXISTING BLANKET DRAINAGE EASEMENT OVER AND ACROSS PARCEL 1, TIMARRON WEST UNIT 1, TO BE REDEFINED WITH THIS PLAT WITHIN H.O.A. TRACTS G, H AND I, TIMARRON WEST UNIT 2.

13. THE PARK AND ALL TRAILS, INCLUDING THOSE LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY, ARE PRIVATE AND SHALL BE MAINTAINED BY THE HOME OWNERS ASSOCIATION AND ITS ASSIGNS.

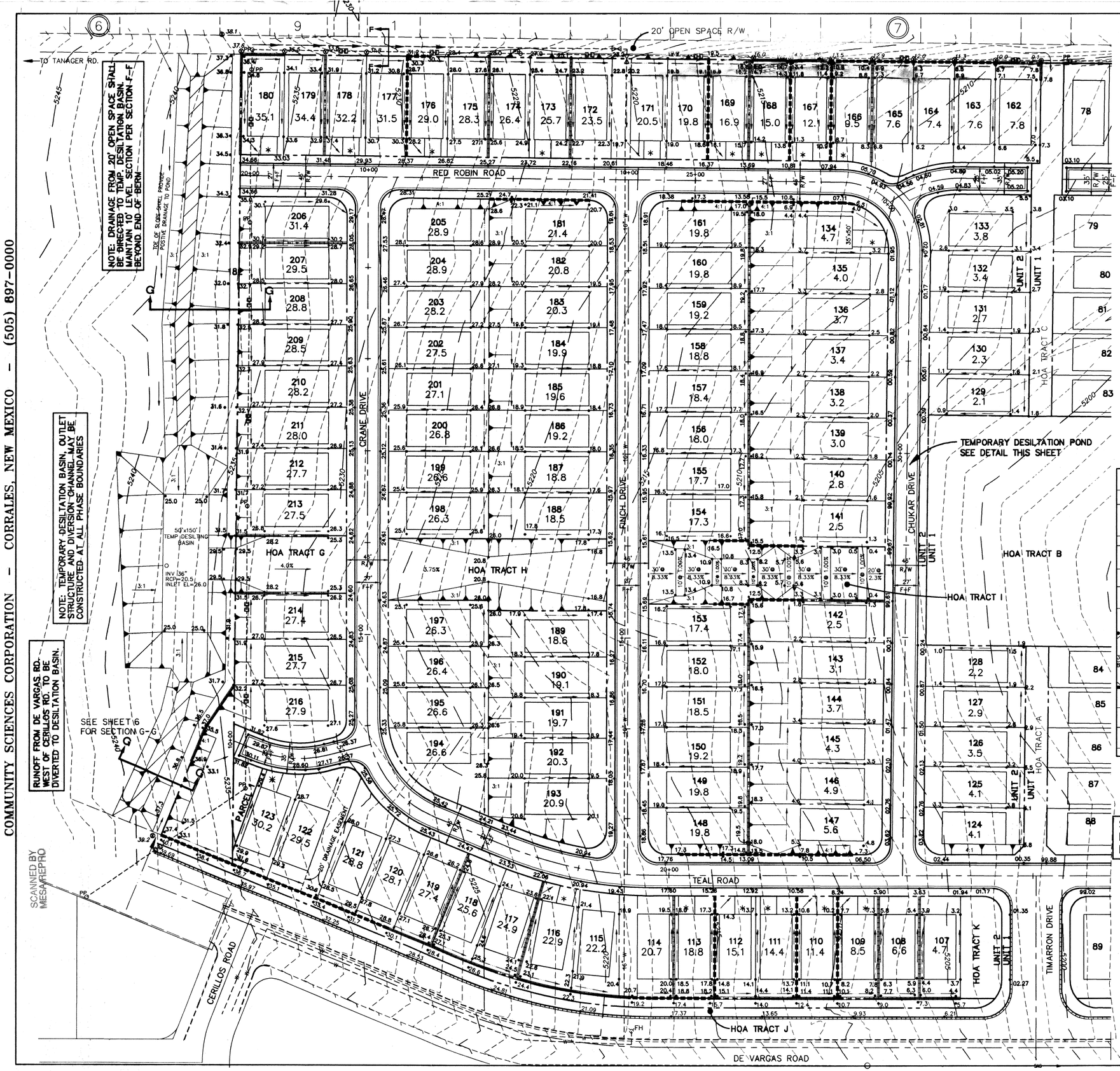
14. NO DRIVEWAY ACCESS FROM DE VARGAS ROAD S.W. WILL BE ALLOWED FROM ANY LOT ADJACENT TO DE VARGAS ROAD S.W. (INCLUDING CURB CUTS).

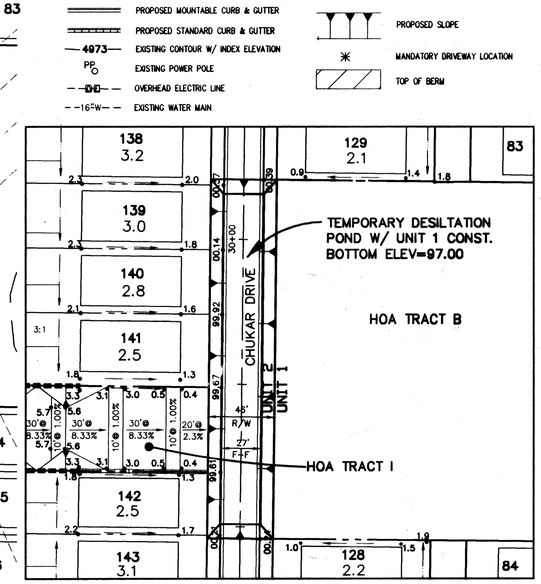
SHEET 4 OF 4

DATE: JULY, 1998
SCALE: N/A
DESIGNED: B.O.M.
DRAWN: D.E.R.
JOB NO.: 399-06-025

community sciences corporation
LAND PLANNING P.O. Box 1328
ENGINEERING
SURVEYING Corrales, N.M. 87048

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000




TEMPORARY DESILTATION POND

SEE ONSITE DRAINAGE BASIN MAP FOR STORM DRAIN LAYOUT

AS-BUILT

GRAPHIC SCALE 0 12 25 50 100 150 IN FEET

## LEGEND

| | |
|---|---|
| • 98.43 | PROPOSED TOP OF CURB ELEVATION |
| • 99.0 | PROPOSED SPOT ELEVATION |
| ⊗ 09.0 | EXISTING SPOT ELEVATION (GRND & TC) |
| | EXISTING CURB & GUTTER |
| | PROPOSED MOUNTABLE CURB & GUTTER |
| | PROPOSED STANDARD CURB & GUTTER |
| 4973 | EXISTING CONTOUR W/ INDEX ELEVATION |
| PP | EXISTING POWER POLE |
| OHE | OVERHEAD ELECTRIC LINE |
| 16"W | EXISTING WATER MAIN |
| | SWALE |
| | FLOW ARROW |
| | PROPOSED RETAINING WALL |
| | PROPOSED GARDEN WALL |
| | PROPOSED SLOPE |
| * | MANDATORY DRIVEWAY LOCATION |
| | TOP OF BERM |

LEGAL DESCRIPTION
TRACT 1, LANDS OF GREVEY/LIBERMAN

DATE: 8/98
SCALE: HORIZ:1"=50'
JOB NO. 399-06-036

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O.Box 1328 Corrales, N.M. 87048 (505)897-0000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TIMARRON WEST UNIT 2
GRADING & EROSION CONTROL PLAN

D.R.B. NO. 98-136 APPROVAL DATE

APPROVED FOR ROUGH GRADING (± 1 FT.)

CITY HYDROLOGY DATE

PROJECT NO. MAP NO. L8/M8

LAST DESIGN DATE | MO./DAY/YR. | MO./DAY/YR.

SHEET 4 OF 24

REV: 9/1/98 DLW
399606D2.DWG
QUICKPLOT.LWG

### AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
RECORDED BY — DATE
MICRO-FILM INFORMATION
NO.

### BENCH MARKS

BENCHMARK: STATION IS ACS MONUMENT "6-M9" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND DEL MASTRO DR. SW. EPOXIED TO TOP OF CONCRETE CURB. DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 6-M9". ELEVATION = 5174.047

### SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | 1/98 |

ENGINEER'S SEAL

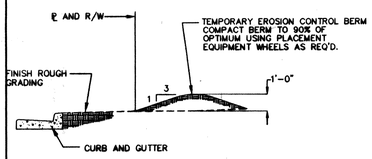
REVISIONS

| NO. | DATE | REMARKS | BY |
|---|---|---|---|

DESIGN

| | | |
|---|---|---|
| DESIGNED BY | KMW/BOM | DATE 7/98 |
| DRAWN BY | DLW | DATE 8/98 |
| CHECKED BY | | DATE |

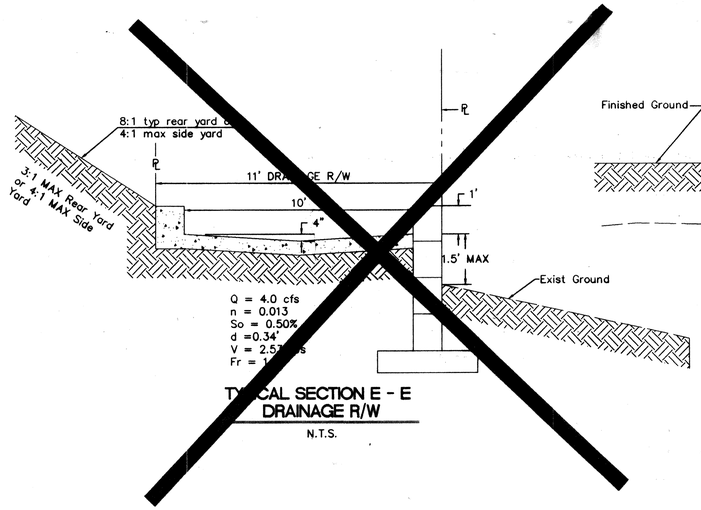
FOR REFERENCE ONLY



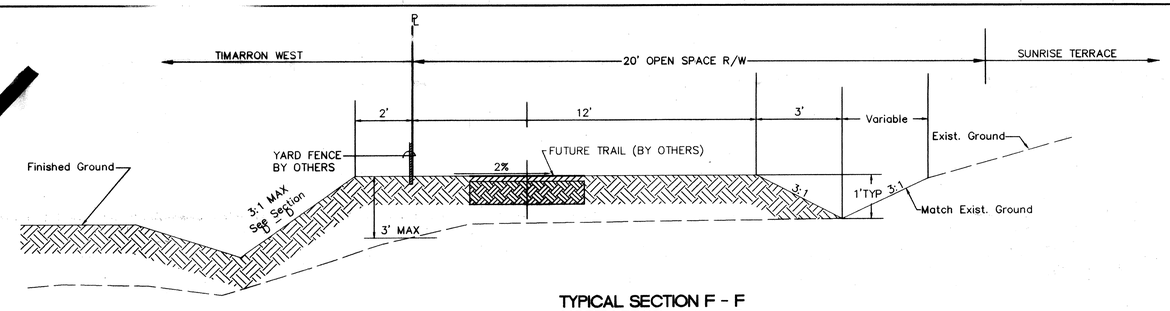

## EROSION CONTROL BERM
TYPICAL SECTION THROUGH BERM
NOT TO SCALE

**EROSION CONTROL NOTES:**

1. CONTRACTOR SHALL OBTAIN A TOP SOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO GRADING.
2. PROTECTION OF ADJACENT RIGHT-OF-WAY AND PRIVATE PROPERTY FROM SEDIMENT, WILL BE ACOMPLISHED BY THE EROSION CONTROL BERM SHOWN HERE ON.
3. DISTURBED AREAS WILL BE RESEEDED PER C.O.A. DPM SECTION 1012, AS INDICATED.
4. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.

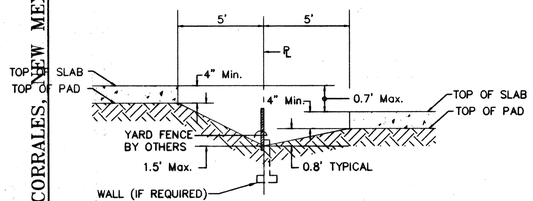



## TYPICAL SECTION E - E
## DRAINAGE R/W
N.T.S.




## TYPICAL SECTION F - F
## NORTH PROPERTY LINE
## DRAINAGE DIVERSION SWALE
N.T.S.

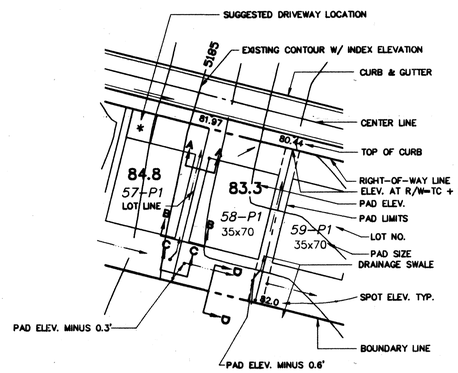
NOTE: DRAINAGE FROM THE 20' OPEN SPACE R/W SHALL BE CONFINED TO THE SWALE AND PERMITTED TO ENTER TIMARRON WEST UNIT 1 AT THE WESTERN HOA TRACT AND AT 102nd STREET.




## TYPICAL SECTION A - A
## (AT FRONT OF PAD)
N.T.S.

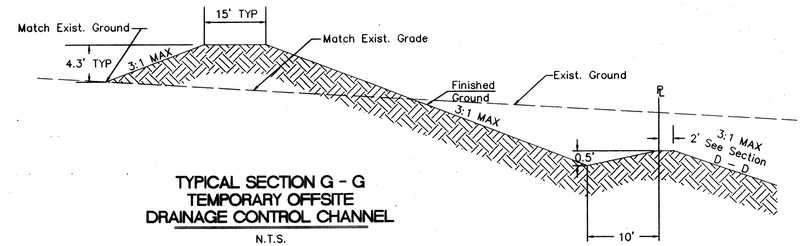
NOTE: 1) FENCES ARE ALLOWED ON THE PROPERTY LINE.

2) IF THE GRADE DIFFERENTIAL BETWEEN PADS IS BETWEEN 0.7' AND 2.2', A NON-STRUCTURAL GARDEN WALL MAY BE CONSTRUCTED TO RETAIN THE AMOUNT IN EXCESS OF 0.7'. A STRUCTURAL RETAINING WALL SHALL BE CONSTRUCTED ON ALL LOT LINES IN WHICH THE GRADE DIFFERENTIAL BETWEEN PADS EXCEEDS 2.2'.




## TYPICAL LOT DETAIL
N.T.S.

FINISHED GRADE AROUND PERIMETER OF HOUSE SHALL BE A MINIMUM OF 8" BELOW TOP OF CONCRETE SLAB. (SEE SECTIONS THIS SHEET)




## TYPICAL SECTION G - G
## TEMPORARY OFFSITE
## DRAINAGE CONTROL CHANNEL
N.T.S.

Q = 50 cfs
n = 0.030
So = 0.50%
d =1.23'
V = 2.53 fps
FREEBOARD = 1+0.025 $Vd^{1/3}$
FREEBOARD = 1.07'
REQUIRED DEPTH = 2.3'

NOTE: THIS SECTION CAN BE USED AT THE WEST BOUNDARY OF ALL PHASES OF CONSTRUCTION

## EARTHWORK QUANTITIES

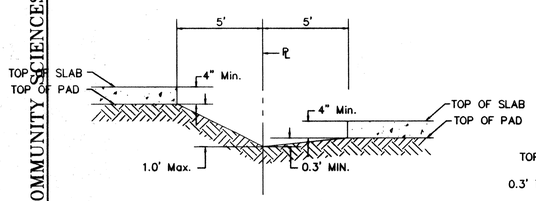
| | CUT | FILL |
|---|---|---|
| Onsite (Unadjusted)* | 87,900 cy | 62,700 cy |
| Offsite (Unadjusted) | 8,900 cy | 3,500 cy ** |
| Foundation Subexcavation | 27,500 cy | 27,500 cy |
| Shrinkage from *** Mass earth moving | N/A | 25,100 cy |
| Shrinkage from **** subexcavation | N/A | 5,500 cy |
| Total | 124,300 cy | 124,300 cy |

* UNADJUSTED CUT/FILL QUANTITIES ARE NET OF ESTIMATED YARD UNDERCUTTING FOR SPOILS PLACEMENT

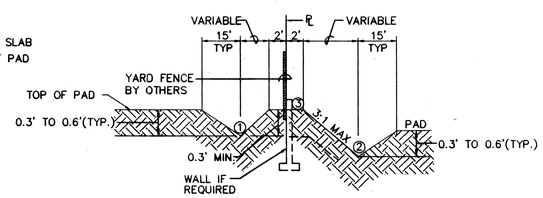
** OFFSITE FILL QUANTITIES IS FOR DRAINAGE DIVERSION EMANKMENT WHICH ALSO SERVES AS A STOCKPILE FOR FUTURE DEVELOPMENT.

*** BASED ON 35% SHRINKAGE FACTOR

**** BASED ON 20% SHRINKAGE FACTOR



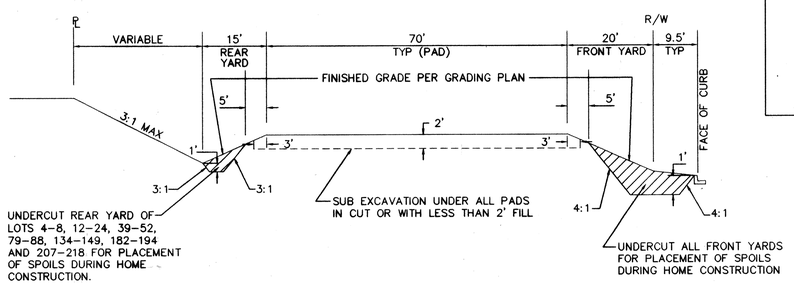

## TYPICAL SECTION B - B
## (AT REAR OF PAD)
N.T.S.



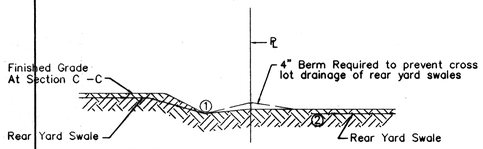

NOTE: 1) Drainage from Point # 1 must be directed to the street, and prevented from continuing across the property line to Point # 2.

2) If the grade differential between Point #2 and Point #3 exceeds the maximum grade differential which can be taken up by a 3:1 slope and leave a 2' shelf at the property line as shown, a non-structural garden wall may be constructed to retain a maximum of 1.5'. A structural retaining wall shall be constructed at all locations where retainage exceeds 1.5'.

## TYPICAL SECTION D - D
## (AT REAR PROPERTY LINE)
N.T.S.




## SUBEXCAVATION AND YARD UNDERCUTTING DETAIL
N.T.S.




NOTE: Drainage from Point # 1 must be directed to the street, and prevented from continuing across the property line to Point # 2.

## TYPICAL SECTION C - C
## (AT REAR YARD SWALE)
N.T.S.

AS-BUILT

LEGAL DESCRIPTION
TRACT 1, LANDS OF GREVEY/LIBERMAN

DATE: 1/98
SCALE: HORIZ:1"=50'
JOB NO.: 399-06-036

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O.Box 1328 Corrales, N.M. 87048 (505)897-0000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TIMARRON WEST UNITS 1 & 2
GRADING & EROSION CONTROL PLAN DETAILS

D.R.B. NO. 96-136 | APPROVAL DATE
APPROVED FOR ROUGH GRADING (± 1 FT.)
CITY HYDROLOGY | DATE
LAST DESIGN DATE | MO./DAY/YR. | MO./DAY/YR.
PROJECT NO. | MAP NO. L-8/M-8 | SHEET 5 OF 24

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |
| | | DESIGNED BY KMW/BDM | DATE 4/98 |
| | | DRAWN BY DLW | DATE 4/98 |
| | | CHECKED BY | DATE |

ENGINEER'S SEAL
GILBERT O. McCARTY
STATE OF NEW MEXICO
13672
REGISTERED PROFESSIONAL ENGINEER
9-2-98

AS BUILT INFORMATION
CONTRACTOR: CGM
WORK STAKED BY: CGI DATE 10/98
INSPECTOR'S ACCEPTANCE BY: DATE
VERIFICATION BY: CGI DATE
CORRECTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.
City Inspector: Ray Baca

BENCH MARKS
BENCHMARK: STATION 15 ACS MONUMENT "6-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND DEL MASTRO DR. S.W. EPOXIED TO TOP OF CONCRETE CURB. DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM 6-M8". ELEVATION = 5174.047

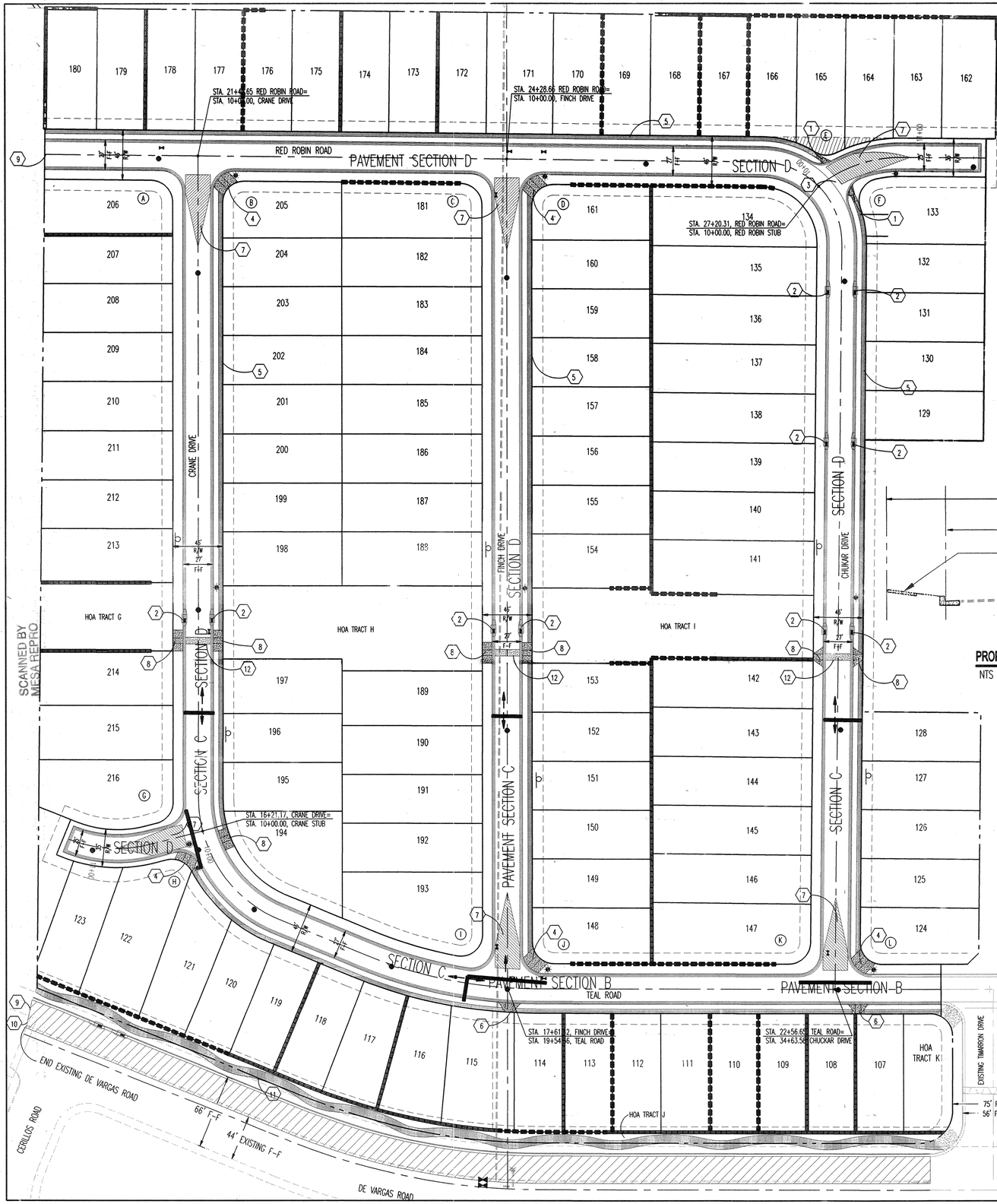
SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | 1/98 |

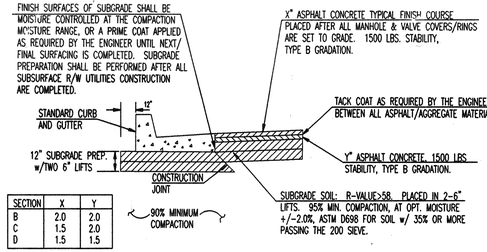
SCANNED BY MEGA REPRO

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

7/1/98 399\96C03.DWG REVISED: 9/2/98 DLW

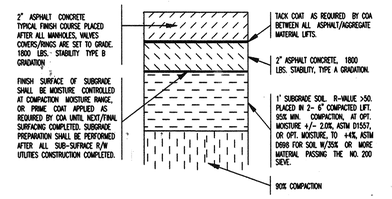



FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/ FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

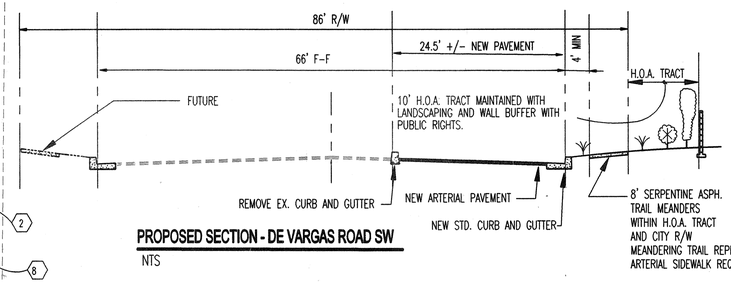



| SECTION | X | Y |
|---|---|---|
| B | 2.0 | 2.0 |
| C | 1.5 | 2.0 |
| D | 1.5 | 1.5 |

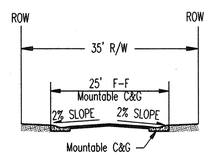
**TYPICAL RESIDENTIAL PAVEMENT SECTION**
NOT TO SCALE (REFER TO COA STD. DWG. 2405)
PER PAVEMENT SECTION DESIGN
BY GEOTECHNICAL ENGINEER
COA PROJECT # 594881



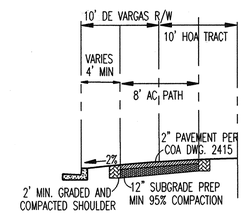

**"ARTERIAL" PAVING SECTION COMPONENTS**
DE VARGAS ROAD S.W.
(SAME AS PROJECT NO. 5208.91)



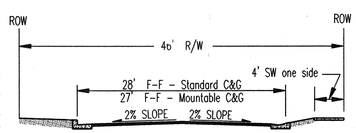

**PROPOSED SECTION - DE VARGAS ROAD SW**
NTS




**TYPICAL 35' STREET SECTION**
NTS




**MEANDERING PATH DETAIL**
NTS




NOTE: Standard Vs. Mountable C&G location to be determined by Drainage Requirements

**TYPICAL STREET SECTION**
NTS

**AS-BUILT**

N

0 25 50 100
SCALE: 1"=50'

## PAVEMENT LEGEND

- FL=74.11 — PROPOSED CURB FLOWLINE ELEVATION
- 73.6 — EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED VALLEY GUTTER/ SIDEWALK/ WHEELCHAIR RAMP
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- CROWN TRANSITION
- EXISTING ARTERIAL SECTION
- PROPOSED ARTERIAL SECTION
- PROPOSED 6"x6"X6" WIDE RED BRICK PATTERNED CONCRETE
- PROPOSED STORM SEWER CATCH BASIN
- EXISTING STORM SEWER CATCH BASIN
- PROPOSED GATE VALVE
- PROPOSED SANITARY SEWER
- EXISTING SAS MANHOLE
- PROPOSED STREET LIGHT
- PROPOSED BARRICADE
- PROPOSED FIRE HYDRANT
- GARDEN WALL
- RETAINING WALL

41-0342

## KEY NOTES:

1. WHEELCHAIR RAMP PER AS PER DETAIL SHEET 21. CASE VI, UNLESS OTHERWISE NOTED.
2. MOUNTABLE TO STANDARD CURB TRANSITION PER DETAIL SHEET 21.
3. CONC. VALLEY GUTTER PER COA STD. DWG. 2420.
4. WHEELCHAIR RAMP V PER DETAIL SHEET 21.
5. FUTURE 4' SIDEWALK, BY OTHERS.
6. WHEELCHAIR RAMP IV PER SH 21.
7. CROWN TRANSITION
8. WHEEL CHAIR RAMP III, SEE DETAIL SHEET 21
9. CUT OFF WALL FULL STREET WIDTH 24" DEEP x8" THICK PER COA DWG 2415.
10. PROPOSED TYPE III BARRICADE SEE M.U.T.C.D. FIG. 6-14 FOR DETAILS.
11. PROPOSED 8' MEANDERING ASPHALT SIDEWALK, THIS CONTRACT.
12. CROSSWALK PER COA DWG 2412 MODIFIED PER NOTE 5, 6" CONCRETE AND ELIMINATE C.T.B. WITH 12" WIDE PLASTIC STRIPE EACH SIDE

**Bohannan ▲ Huston**
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

Designed By: EES DATE: 3/99
Drawn By: JAJ DATE: 3/99
Checked By: RLB DATE: 3/99

ENGINEER'S SEAL

| SURVEY INFORMATION FIELD NOTES | | |
|---|---|---|
| NO. | BY | DATE |

BENCH MARKS

STATION IS ACS MONUMENT "5-M9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE. SM. EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISC, STAMPED "ACS BM, 5-M9" ELEVATION=5174.047

AS-BUILT INFORMATION

| | | |
|---|---|---|
| CONTRACTOR | | DATE |
| SURVEY STAKED BY | | DATE |
| INSPECTOR'S AS-BUILT REVIEW BY | | DATE |
| FIELD VERIFICATION BY | | DATE |
| DRAWINGS CORRECTED BY | | DATE |
| MICRO-FILM INFORMATION RECORDED BY | | DATE |
| NO. | | |

City Surveyor: Ray Baca

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

# TIMARRON WEST UNIT 2
## OVERALL PAVING

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DESIGN REVIEW COMMITTEE | APPROVED CITY ENGINEER | | | |

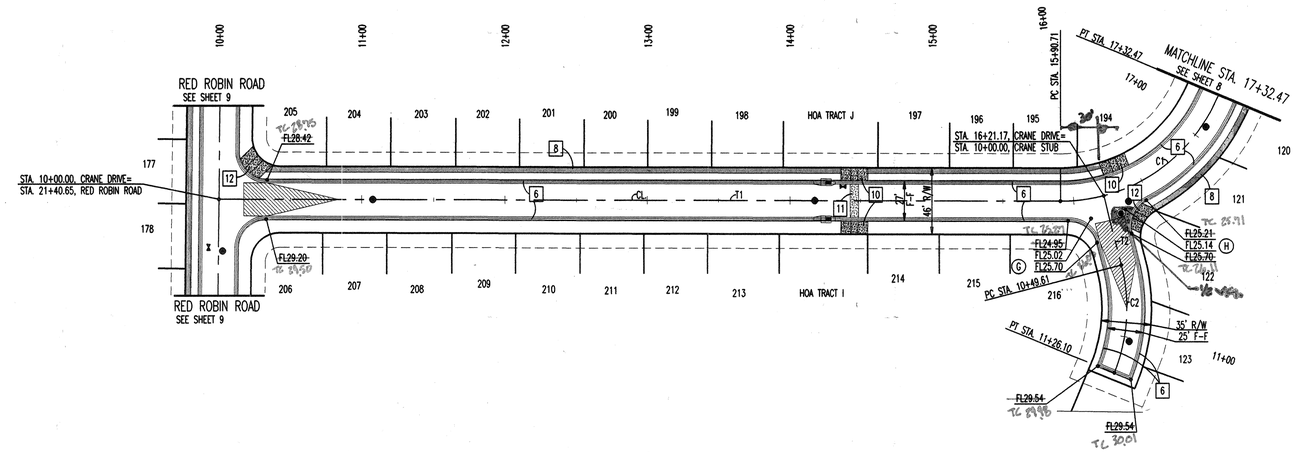
| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 6 | 24 |

bhi-main:[99395.cdp.general] overall-pav.dwg

BHI JOB NO. 99395

| CENTERLINE CURVE DATA TABLE | | | | | |
|---|---|---|---|---|---|
| No. | PI STA. | DELTA | TANGENT | ARC | RADIUS |
| C1 | 16+61.36 | 67°41'19" | 80.47' | 141.77' | 120.00' |
| C2 | 10+87.85 | 36°31'01" | 39.59' | 76.49' | 120.00' |

| CENTERLINE TANGENT DATA | | |
|---|---|---|
| No. | BEARING | DISTANCE |
| T1 | N 89°52'38" W | 590.71' |
| T2 | N 14°25'12" W | 49.61' |




| Ⓖ PC | FL |
|---|---|
| 1 | 24.95 |
| 2 | 25.14 |
| 3 | 25.33 |
| 4 | 25.51 |
| PT | 25.70 |

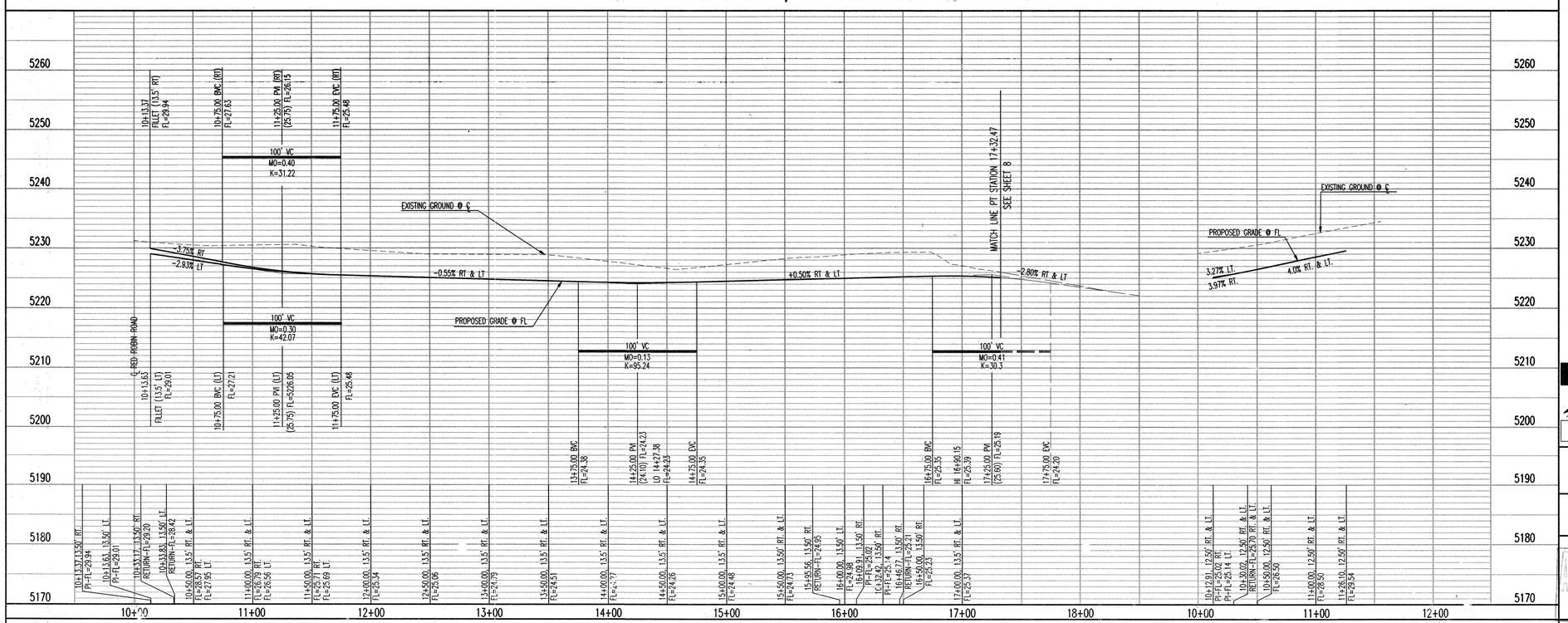
D=77°46'35"
L=27.15'
R=20.00'

| Ⓗ PC | FL |
|---|---|
| 2 | 25.70 |
| 3 | 25.56 |
| 4 | 25.46 |
| 5 | 25.33 |
| PT | 25.21 |

D=77°46'35"
L=27.15'
R=20.00'

SCALE: 1" = 50'
(HORIZ.)

## CRANE DRIVE / CRANE STUB




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

## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FL. OF CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

13. CONSTRUCTION TRAFFIC CONTROL COST INCIDENTAL TO PAVING ITEMS.

14. MANHOLE RIM & CATCH BASIN ELEVATIONS ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO MATCH FINAL PAVEMENT GRADES.

15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA. DETAIL 2340.

## KEYED NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE I
4. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE II WITH ALTERNATE SECTION AA
5. EXISTING STD. CURB & GUTTER AS PER STD. DWG. 2415
6. BUILD ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. BUILD 4' SIDEWALK
8. DEFERRED 4' SIDEWALK
9. BUILD STD. CURB & GUTTER AS PER STD. DWG. 2415
10. INSTALL WHEELCHAIR RAMP. SEE CASE III DETAIL ON SHEET 21.
11. 6"x6"x6' WIDE RED BRICK PATTERNED CONCRETE CROSSWALK. MUST MEET ADA STANDARDS: GROOVES NOT TO EXCEED 1/4" DEEP AND 1/8" WIDE.
12. INSTALL WHEELCHAIR RAMP. SEE CASE V DETAIL ON SHEET 21.

AS-BUILT INFORMATION
CONTRACTOR — DATE
STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
STATION IS ACS MONUMENT "5-H9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS DM, 5-H9"
ELEVATION=5174.047

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | | |

REVISIONS
DESIGN
Designed By: EES — DATE: 3/99
Drawn By: JAJ — DATE: 3/99
Checked By: RLB — DATE: 3/99

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

AS-BUILT
CRANE DRIVE
PAVING PLAN & PROFILE
TIMARRON WEST UNIT 2

Design Review Committee — APPROVED — DESIGN REVIEW COMMITTEE
City Engineer Approval — APPROVED — NOV 2 4 1999 — CITY ENGINEER
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 7 | 24 |

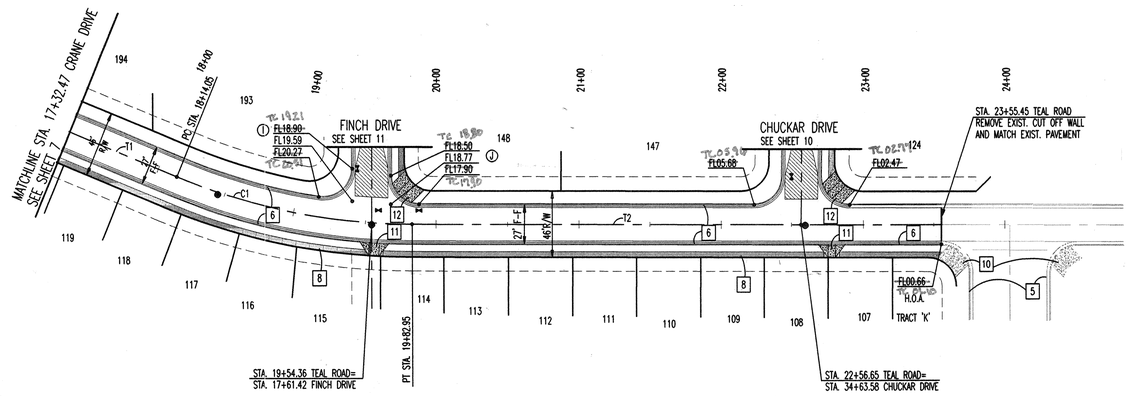


p:bhimain[99795.CDP.DESIGN.PNP]PPNP-CRANE.DWG

BHI JOB NO. 99395

| CENTERLINE CURVE DATA TABLE | | | | | |
|---|---|---|---|---|---|
| No. | PI STA. | DELTA | TANGENT | ARC | RADIUS |
| C1 | 18+98.50 | 22°18'34" | 85.53' | 168.90' | 433.78' |

| CENTERLINE TANGENT DATA | | |
|---|---|---|
| No. | BEARING | DISTANCE |
| T1 | S 22°26'03" W | 81.58' |
| T2 | S 00°07'24" W | 372.48' |




SCANNED BY
MESA REPRO

| ① | FL |
|---|---|
| PC | 18.90 |
| 1 | 19.24 |
| 2 | 19.59 |
| 3 | 19.93 |
| PT | 20.27 |

D=98°55'26"
L=34.53'
R=20.00'

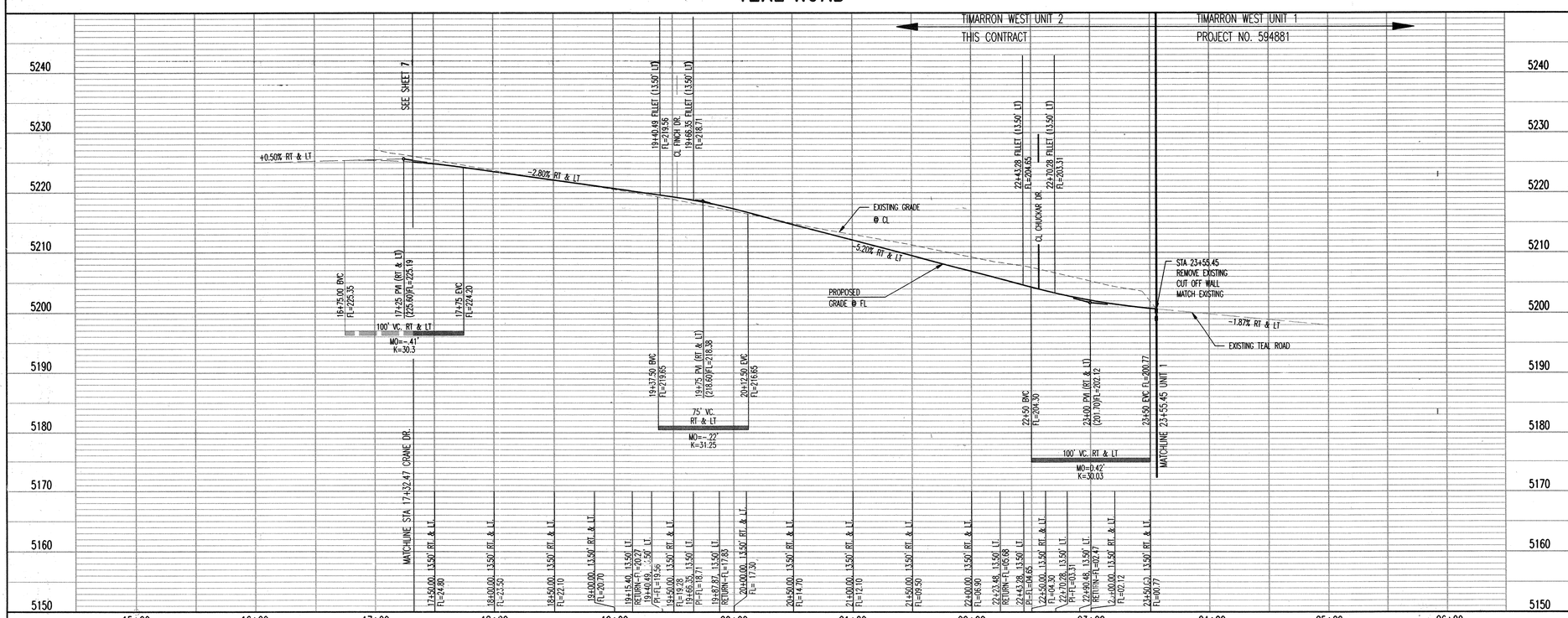
| ⓙ | FL |
|---|---|
| PC | 17.90 |
| 1 | 18.05 |
| 2 | 18.20 |
| 3 | 18.35 |
| PT | 18.50 |

D=89°59'53"
L=31.42'
R=20.00'

N

SCALE: 1" = 50'
(HORIZ.)

# TEAL ROAD




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

## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FL OF CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

13. CONSTRUCTION TRAFFIC CONTROL COST INCIDENTAL TO PAVING ITEMS.

14. MANHOLE RIM & CATCH BASIN ELEVATIONS ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO MATCH FINAL PAVEMENT GRADES.

15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA. DETAIL 2340.

## KEYED NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE I
4. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE II WITH ALTERNATE SECTION AA
5. EXISTING STD. CURB & GUTTER AS PER STD. DWG. 2415
6. BUILD ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. BUILD 4' SIDEWALK
8. DEFERRED 4' SIDEWALK
9. BUILD STD. CURB & GUTTER AS PER STD. DWG. 2415
10. EXISTING WHEELCHAIR RAMP
11. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE IV.
12. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE V.

AS-BUILT INFORMATION
CONTRACTOR CCM DATE 12/9/99
REVIEWED BY CGI DATE 12/9/99
STAKED BY SECKER DATE 12/9/99
INSPECTOR'S ACCEPTANCE BY CGI DATE 12/9/99
FIELD VERIFICATION BY CGI DATE 12/9/99
DRAWINGS CORRECTED BY CGI DATE 12/9/99
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION IS ACS MONUMENT "5-M9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE
CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 6-M9"
ELEVATION=5174.047

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL
NEW MEXICO PROFESSIONAL ENGINEER 9890 RICHARD L. BOHANNAN

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |
| | | Designed By: EES | DATE: 3/99 |
| | | Drawn By: JAJ | DATE: 3/99 |
| | | Checked By: RLB | DATE: 3/99 |

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

AS-BUILT

TEAL ROAD N.W.
PAVING PLAN & PROFILE
TIMARRON WEST UNIT 2

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED 20 DESIGN REVIEW COMMITTEE | APPROVED 20 CITY ENGINEER | | | |

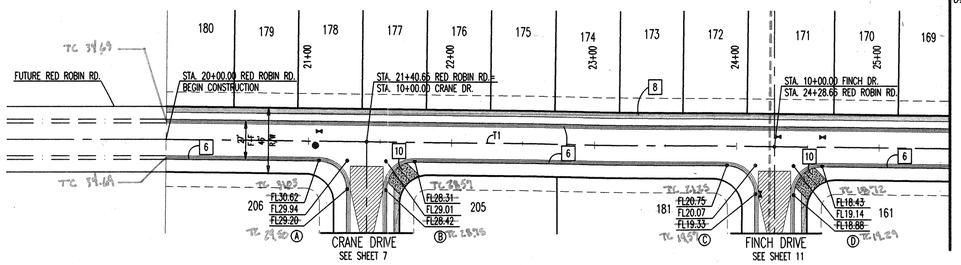
| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 8 | 24 |

p:bhimain[99395.CDP.DESIGN.PNP]PPNP-TEAL.DWG

BHI JOB NO. 99395

**CENTERLINE TANGENT DATA**

| No. | BEARING | DISTANCE |
|---|---|---|
| T1 | S 89°22'37" E | 661.40' |




| | | FL |
|---|---|---|
| Ⓐ | PC | 30.62 |
| | 1 | 30.27 |
| | 2 | 29.91 |
| | 3 | 29.56 |
| | PT | 29.20 |

D=89°26'18"
L=31.22'
R=20.00'

| | | FL |
|---|---|---|
| Ⓑ | PC | 28.42 |
| | 1 | 28.39 |
| | 2 | 28.37 |
| | 3 | 28.34 |
| | PT | 28.31 |

D=90°33'42"
L=31.61'
R=20.00'

| | | FL |
|---|---|---|
| Ⓒ | PC | 20.75 |
| | 1 | 20.40 |
| | 2 | 20.04 |
| | 3 | 19.69 |
| | PT | 19.33 |

D=89°26'18"
L=31.22'
R=20.00'

| | | FL |
|---|---|---|
| Ⓓ | PC | 18.88 |
| | 1 | 18.77 |
| | 2 | 18.66 |
| | 3 | 18.54 |
| | PT | 18.43 |

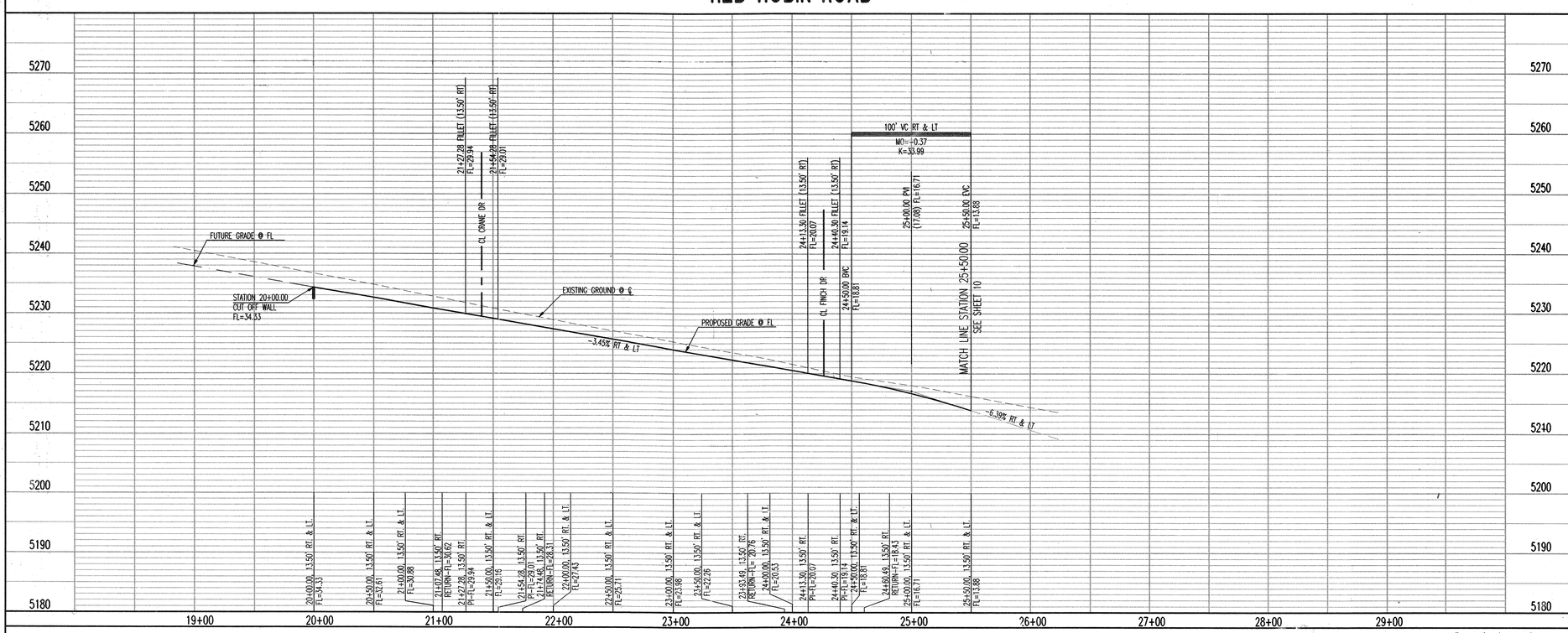
D=90°33'42"
L=31.61'
R=20.00'

SCANNED BY
MESA REPRO

N

SCALE: 1" = 50'
(HORIZ.)

# RED ROBIN ROAD




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

## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FL. OF CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

13. CONSTRUCTION TRAFFIC CONTROL COST INCIDENTAL TO PAVING ITEMS.

14. MANHOLE RIM & CATCH BASIN ELEVATIONS ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO MATCH FINAL PAVEMENT GRADES.

15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA. DETAIL 2340.

## KEYED NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE I
4. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE II WITH ALTERNATE SECTION AA
5. EXISTING STD. CURB & GUTTER AS PER STD. DWG. 2415
6. BUILD ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. BUILD 4' SIDEWALK
8. DEFERRED 4' SIDEWALK
9. BUILD STD. CURB & GUTTER AS PER STD. DWG. 2415
10. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE V

**Bohannan ▲ Huston**

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

**AS-BUILT INFORMATION**

| | | DATE |
|---|---|---|
| CONTRACTOR | | 12/99 |
| WORK STAKED BY | | DATE |
| INSPECTOR'S NOTIFICATION BY | | DATE |
| FIELD VERIFICATION BY | | DATE |
| DRAWINGS CORRECTED BY | | DATE |

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

**BENCH MARKS**

STATION 15 ACS MONUMENT "6-H9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE.
CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 6-H9"
ELEVATION=5174.047

**SURVEY INFORMATION**

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

**ENGINEER'S SEAL**

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | | |

REVISIONS

DESIGN

Designed By: EES DATE: 3/99
Drawn By: JAJ DATE: 3/99
Checked By: RLB DATE: 3/99

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

**AS-BUILT**

RED ROBIN ROAD
PAVING PLAN & PROFILE
TIMARRON WEST UNIT 2

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED 2-8-99 DESIGN REVIEW COMMITTEE | APPROVED 2-8-99 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 9 | 24 |

p:bhimain[99395.CDP.DESIGN.PNP]PPNP-RED.DWG

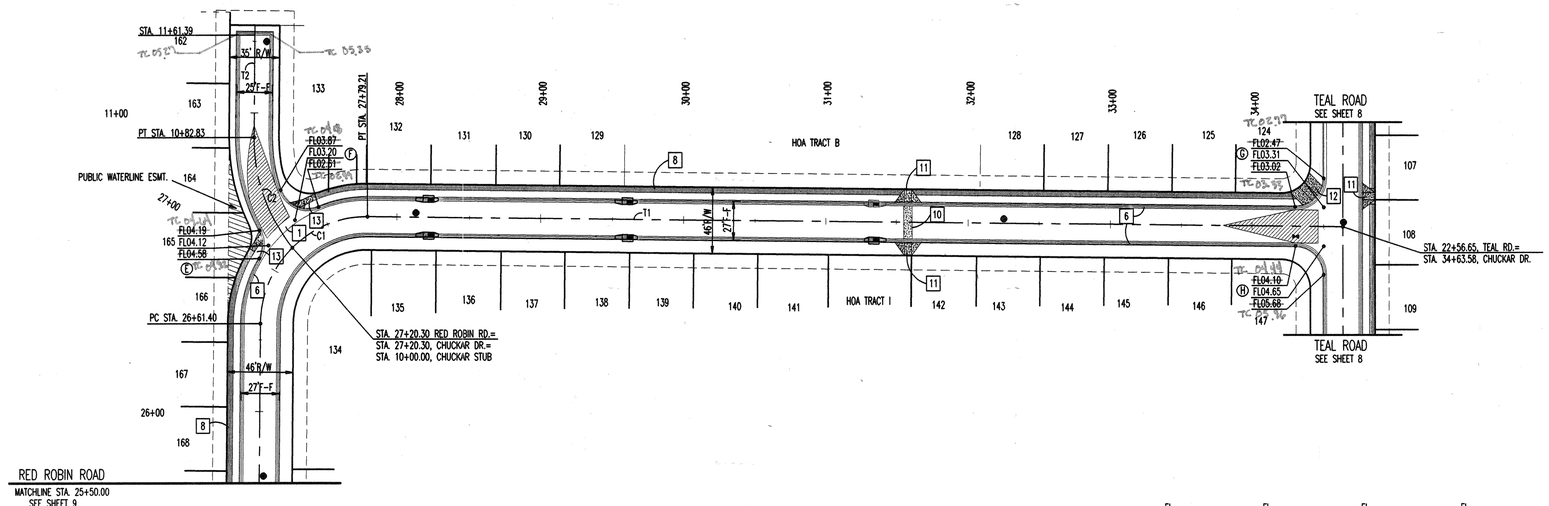
BHI JOB NO. 99395

**CENTERLINE TANGENT DATA TABLE**

| No. | BEARING | DISTANCE |
|---|---|---|
| T1 | S 00°37'23" W | 684.37' |
| T2 | S 89°22'37" E | 78.56' |

**CENTERLINE CURVE DATA TABLE**

| No. | PI STA. | DELTA | TANGENT | ARC | RADIUS |
|---|---|---|---|---|---|
| C1 | 27+20.30 | 90°00'00" | 75.00' | 117.81' | 75.00' |
| C2 | 10+41.41 | 43°03'11" | 47.82' | 91.09' | 121.22' |




| | FL |
|---|---|
| Ⓔ PC | 04.19 |
| 1 | 04.29 |
| 2 | 04.39 |
| 3 | 04.48 |
| PT | 04.58 |

D=59°39'49"
L=20.83'
R=20.00'

| | FL |
|---|---|
| Ⓕ PC | 02.61 |
| 1 | 02.93 |
| 2 | 03.24 |
| 3 | 03.56 |
| PT | 03.87 |

D=93°21'50"
L=32.59'
R=20.00'

| | FL |
|---|---|
| Ⓖ PC | 02.47 |
| 1 | 02.61 |
| 2 | 02.75 |
| 3 | 02.88 |
| PT | 03.02 |

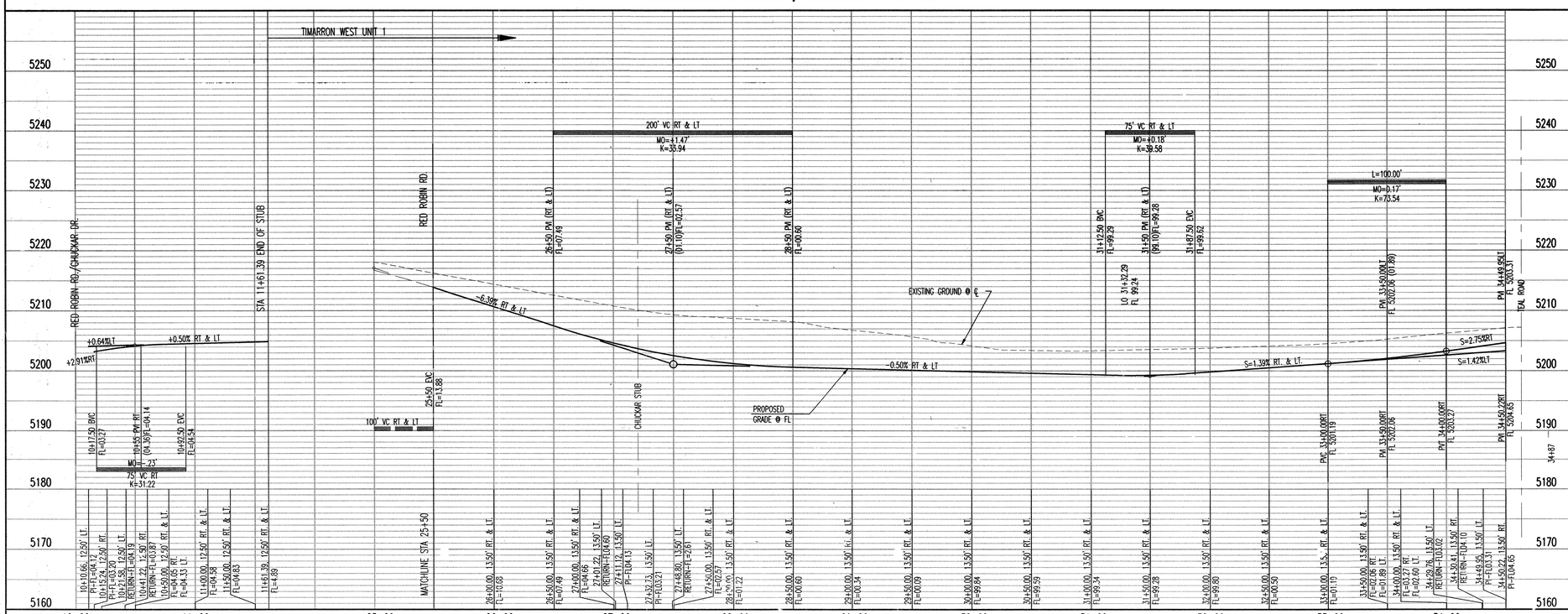
D=90°33'35"
L=31.61'
R=20.00'

| | FL |
|---|---|
| Ⓗ PC | 04.10 |
| 1 | 04.50 |
| 2 | 04.89 |
| 3 | 05.29 |
| PT | 05.68 |

D=89°26'25"
L=31.22'
R=20.00'

SCALE: 1" = 50'
(HORIZ.)

## CHUCKAR DRIVE / CHUCKAR STUB




## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FL. OF CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

13. CONSTRUCTION TRAFFIC CONTROL COST INCIDENTAL TO PAVING ITEMS.

14. MANHOLE RIM & CATCH BASIN ELEVATIONS ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO MATCH FINAL PAVEMENT GRADES.

15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WI' VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA DETAIL 2340.

## KEYED NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE I
4. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE II WITH ALTERNATE SECTION AA
5. EXISTING STD. CURB & GUTTER AS PER STD. DWG. 2415
6. BUILD ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. BUILD 4' SIDEWALK
8. DEFERRED 4' SIDEWALK
9. BUILD STD. CURB & GUTTER AS PER STD. DWG. 2415
10. 6" x 6" x 6' WIDE RED BRICK PATTERNED CONCRETE
11. INSTALL WHEELCHAIR RAMP CASE III, SEE DETAIL SHEET 21
12. INSTALL WHEELCHAIR RAMP CASE V, SEE DETAIL SHEET 21.
13. INSTALL WHEELCHAIR RAMP CASE VI, SEE DETAIL SHEET 21.


**Bohannan ▲ Huston**

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS


AS-BUILT INFORMATION
CONTRACTOR — DATE
STAMPED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
STATION IS ACS MONUMENT "5-H9" (LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS DAL 5-H9"
ELEVATION=5174.047

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

Designed By: ES DATE: 3/99
Drawn By: JAJ DATE: 3/99
Checked By: RB DATE: 3/99

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

**AS-BUILT** CHUCKAR DRIVE / RED ROBIN ROAD
PAVING PLAN & PROFILE
TIMARRON WEST UNIT 2

Design Review Committee — APPROVED MAY 20 1999 DESIGN REVIEW COMMITTEE
City Engineer Approval — APPROVED MAY 20 1999 CITY ENGINEER
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 10 | 24 |

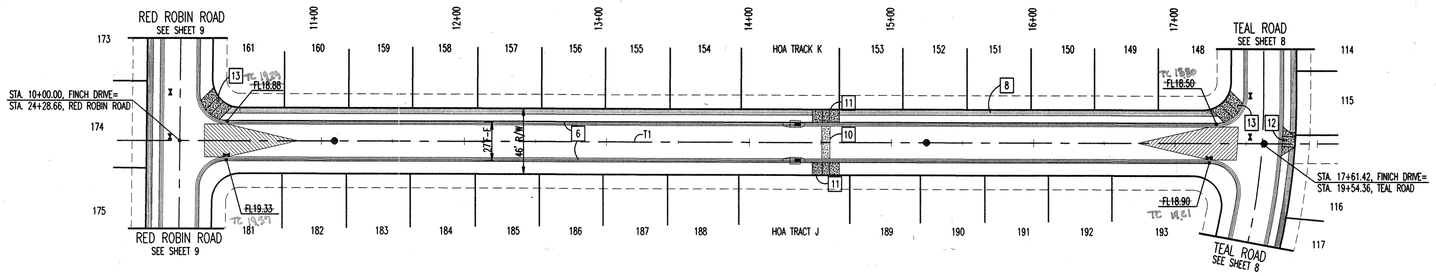
BHI JOB NO. 99324

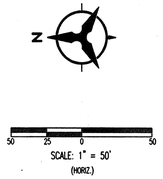


p:\bhimain[99395.CDP.DESIGN PNP]PPNP-CHUKAR.DWG

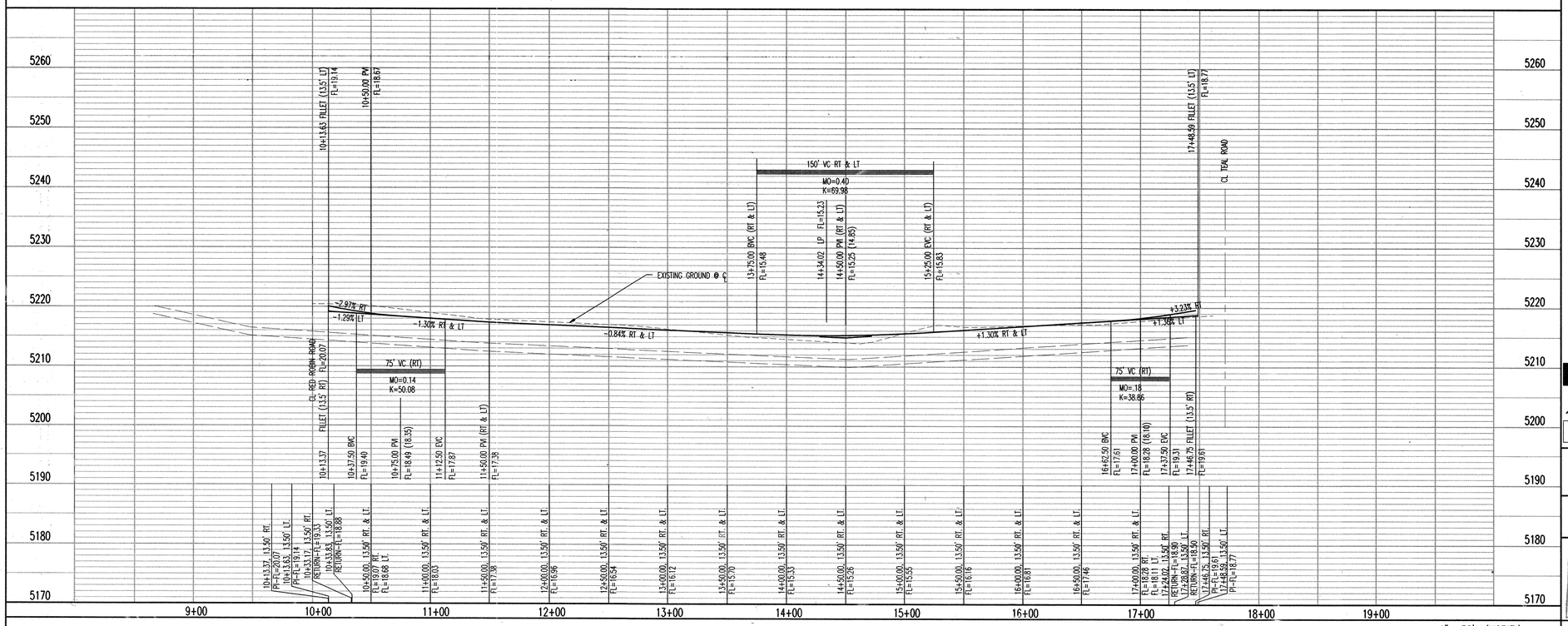
**CENTERLINE TANGENT DATA TABLE**

| No. | BEARING | DISTANCE |
|---|---|---|
| T1 | S 00°03'41" W | 761.42' |




## FINCH DRIVE




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

## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FL. OF CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.

6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

13. CONSTRUCTION TRAFFIC CONTROL COST INCIDENTAL TO PAVING ITEMS.

14. MANHOLE RIM & CATCH BASIN ELEVATIONS ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO MATCH FINAL PAVEMENT GRADES.

15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA. DETAIL 2340.

## KEYED NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE I
4. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE II WITH ALTERNATE SECTION AA
5. EXISTING STD. CURB & GUTTER AS PER STD. DWG. 2415
6. BUILD ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. BUILD 4' SIDEWALK
8. DEFERRED 4' SIDEWALK
9. BUILD STD. CURB & GUTTER AS PER STD. DWG. 2415
10. 6" x 6" x 6' WIDE RED BRICK PATTERNED CONCRETE CROSSWALK, AS PER STD DWG. 2412.
11. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE III
12. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE IV
13. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE V

**AS-BUILT INFORMATION**

| | | DATE |
|---|---|---|
| CONTRACTOR | CGM | 12/99 |
| WORK STAKED BY | CGI | |
| INSPECTOR'S FIELD NOTES BY | | |
| FIELD DOCUMENTATION BY | | |
| CORRECTED BY | CGI | |

MICRO-FILM INFORMATION

| | DATE |
|---|---|
| RECORDED BY | |
| NO. | |

**BENCH MARKS**

STATION IS ACS MONUMENT "6-M9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 3 3/4" ALUMINUM DISK, STAMPED "ACS BM, 6-M9" ELEVATION=5174.047

**SURVEY INFORMATION**

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

**ENGINEER'S SEAL**

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 9696

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | | |

REVISIONS

DESIGN

Designed By: EES DATE: 3/99
Drawn By: JAJ DATE: 3/99
Checked By: RLB DATE: 3/99

**Bohannan ▲ Huston**

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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

**AS-BUILT**

FINCH DRIVE
PAVING PLAN & PROFILE
TIMARRON WEST UNIT 2

Design Review Committee: APPROVED 20 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED 20 CITY ENGINEER

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 11 | 24 |

BHI JOB NO. 99395



p:bhimain[99395.CDP.DESIGN.PNP]PPNP-FINCH.DWG

**CENTERLINE TANGENT DATA TABLE**

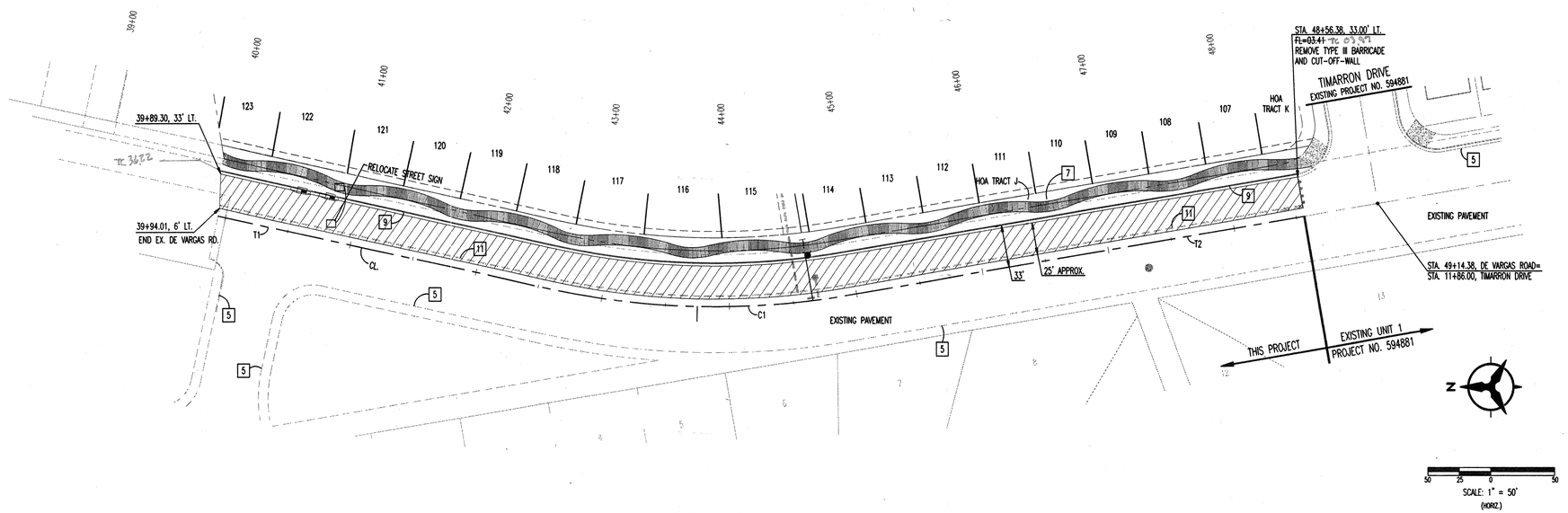
| No. | BEARING | DISTANCE |
|---|---|---|
| T1 | S 67°57'22" E | 262.05' |
| T2 | S 89°56'12" E | 362.49' |

**CENTERLINE CURVE DATA TABLE**

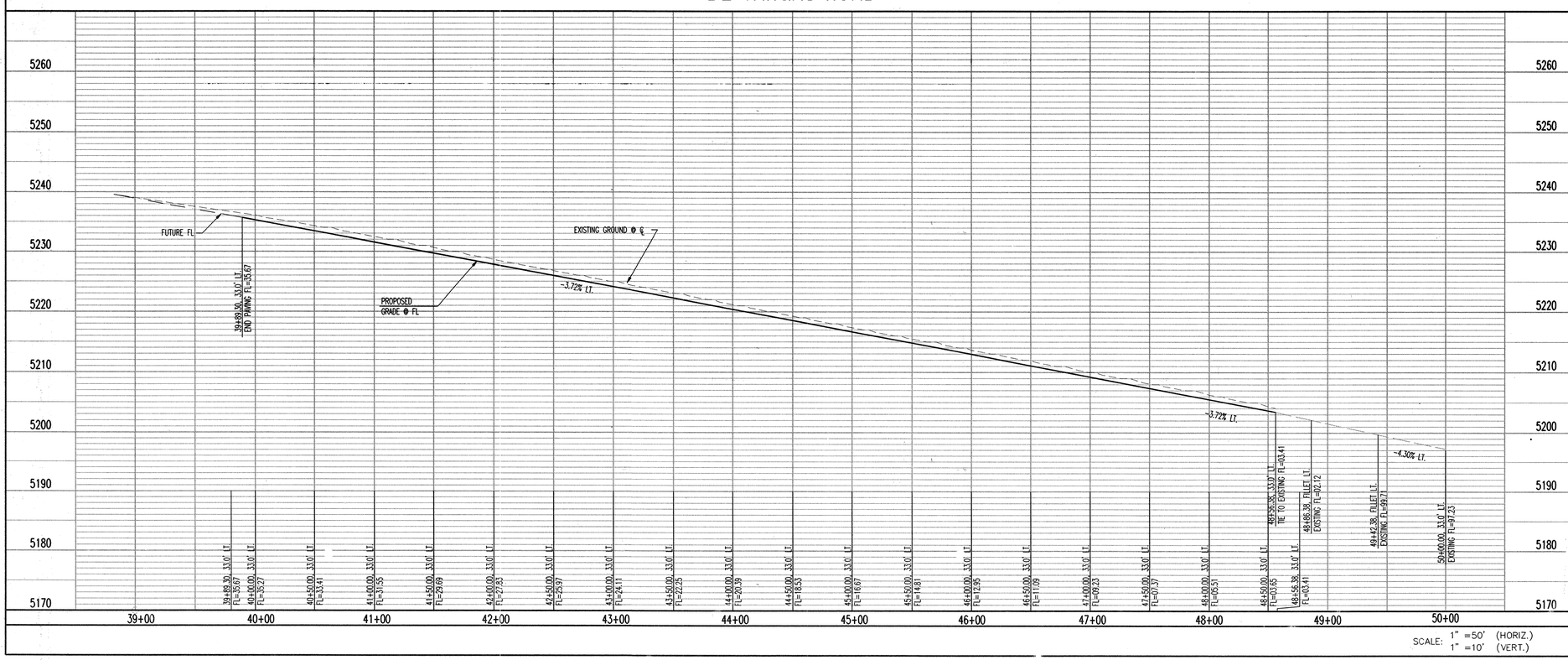
| No. | PI STA. | DELTA | TANGENT | ARC | RADIUS |
|---|---|---|---|---|---|
| C1 | 43+75.00 | 21°58'42" | 120.38' | 237.79 | 619.90' |

**LEGEND**

- PROPOSED ARTERIAL SECTION
- REMOVE TYPE III BARRICADE




# DE VARGAS ROAD




## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

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9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

13. CONSTRUCTION TRAFFIC CONTROL COST INCIDENTAL TO PAVING ITEMS.

14. MANHOLE RIM & CATCH BASIN ELEVATIONS ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO MATCH FINAL PAVEMENT GRADES.

15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA. DETAIL 2340.

## KEYED NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE I
4. INSTALL WHEELCHAIR RAMP AS PER DETAIL SHEET 21, CASE II WITH ALTERNATE SECTION AA
5. EXISTING STD. CURB & GUTTER AS PER STD. DWG. 2415
6. BUILD ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. BUILD 8' MEANDERING AC PATHWAY
8. DEFERRED 4' SIDEWALK
9. BUILD STD. CURB & GUTTER AS PER STD. DWG. 2415
10. 6" x 6" x 6' WIDE RED BRICK PATTERNED CONCRETE CROSSWALK, AS PER STD DWG 2412
11. REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER STA. 39+89.30 TO STA. 48+56.38


**Bohannan ▲ Huston**

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS


**AS-BUILT INFORMATION**

| | | DATE |
|---|---|---|
| CONTRACTOR | CGM | 5/4/99 |
| STAKED BY | | DATE |
| INSPECTORS ACCEPTANCE BY | | DATE |
| FIELD VERIFICATION BY | | DATE |
| DRAWINGS CORRECTED BY | | DATE |

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

City Inspector: Ray Baca

**BENCH MARKS**

STATION IS ACS MONUMENT "5-A9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE. CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS DM, 6-A9" ELEVATION=5174.047

**SURVEY INFORMATION**

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

**ENGINEER'S SEAL**

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | | |

REVISIONS

DESIGN

Designed By: EES DATE: 3/99
Drawn By: JAJ DATE: 3/99
Checked By: RLB DATE: 3/99

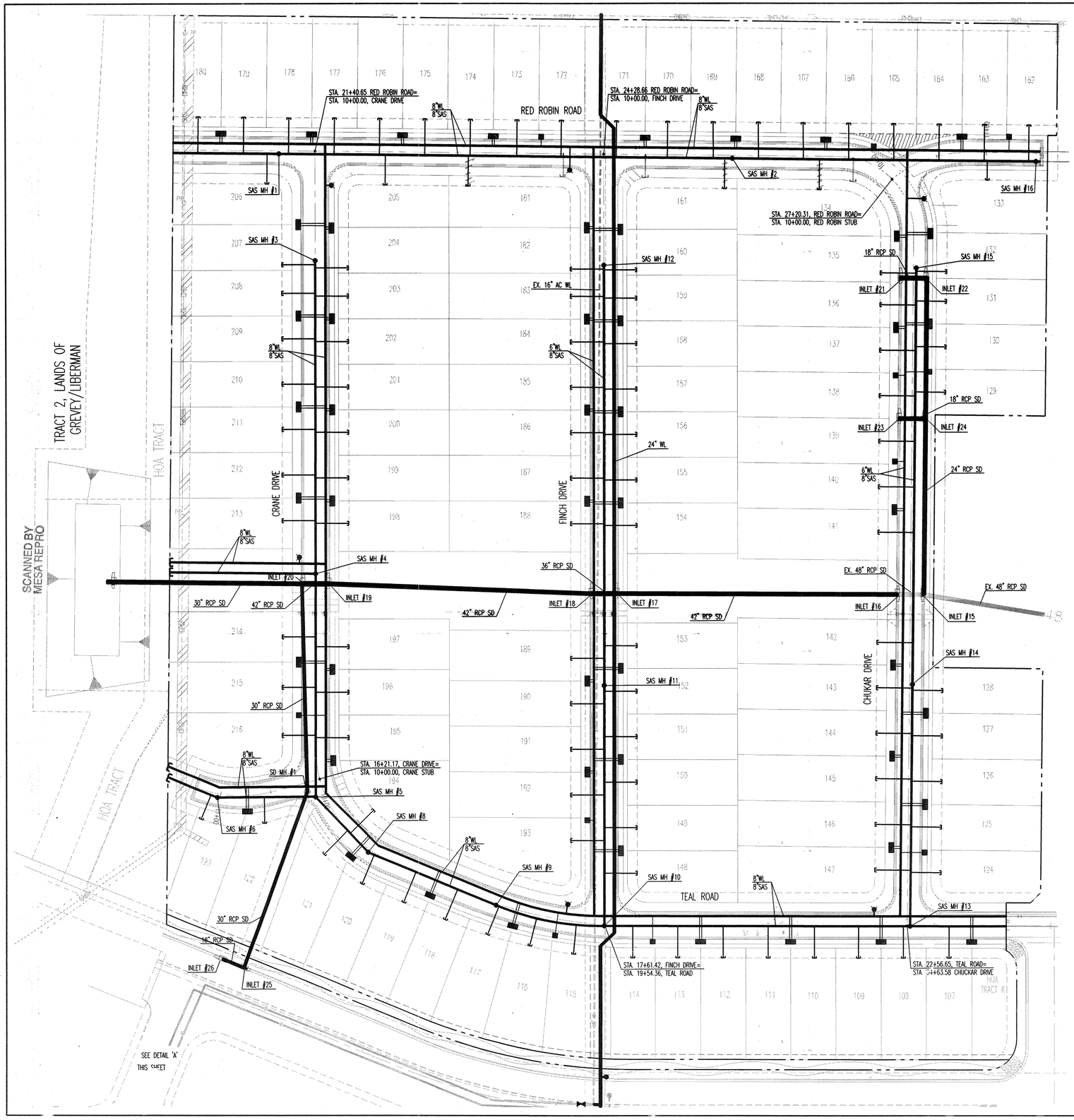
**CITY OF ALBUQUERQUE**
**PUBLIC WORKS DEPARTMENT**
**ENGINEERING DEVELOPMENT GROUP**

**AS-BUILT**

DE VARGAS ROAD
PAVING PLAN & PROFILE
TIMARRON WEST UNIT 2

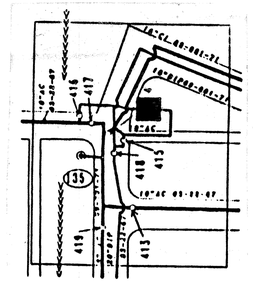
| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED MAY 20 1999 DESIGN REVIEW COMMITTEE | APPROVED MAY 20 1999 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 12 | 24 |




WARNING – EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH (BLUE STAKES) PROCEDURES, OR OTHERWISE.




## PAVEMENT LEGEND

- PROPOSED STORM SEWER CATCH BASIN
- EXISTING STORM SEWER CATCH BASIN
- PROPOSED GATE VALVE
- PROPOSED SANITARY SEWER
- EXISTING SAS MANHOLE
- PROPOSED FIRE HYDRANT
- EXISTING WATER LINE
- PROPOSED WATER LINE
- PROPOSED SANITARY SEWER LINE

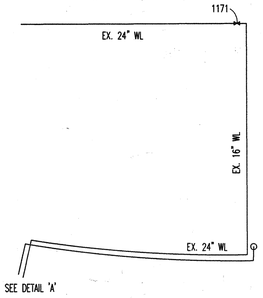
### RESTRAINING JOINT TABLE

| MECHANICAL JOINTS | LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6") | (8") | (24") |
|---|---|---|---|
| 11.25° H BEND | 2' | 3' | 4' |
| 22.50° H BEND | 4' | 5' | 8' |
| 45° H BEND | 8' | 11' | 17' |
| 90° H BEND | 20' | 26' | 42' |
| GATE VALVE | 55' | 72' | --- |
| BTRFLY VALVE | --- | --- | --- |
| REDUCER (8"x6") | 30' | 30' | 40' |
| CAP | 55' | 72' | --- |
| TEE | --- | 5' | 87' |

NOTE:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF A MJ SHALL BE RESTRAINED AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE)
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING (INCIDENTAL TO TO WATERLINE CONSTRUCTION)

WATER SHUT-OFF PLAN
1. SHUT VALVES 415, 416, 417, 418, AND 1171.
2. DRAIN LINE
3. MAKE CONNECTIONS.
CONTRACTOR TO COORDINATE SHUT-OFF WITH CITY INSPECTOR AND WATER FACITLITIES DEPARTMENT.




AS-BUILT INFORMATION

| | | |
|---|---|---|
| CONTRACTOR | CSM | DATE 11/99 |
| WORK STAKED BY | CSM | DATE 11 |
| INSPECTOR'S ACCEPTANCE BY | CSM | DATE 11 |
| VERIFICATION BY | CSM | DATE 11 |
| DRAWINGS CORRECTED BY | CSM | DATE 11 |

MICRO-FILM INFORMATION

| | |
|---|---|
| RECORDED BY | |
| DATE | |
| NO. | |

BENCH MARKS

STATION IS ACS MONUMENT "5-H6" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 6-H6" ELEVATION=5174.047

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

Designed By: EES DATE: 3/99
Drawn By: JAJ DATE: 3/99
Checked By: RLB DATE: 3/99

**Bohannan ▲ Huston**

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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

**AS-BUILT** TIMARRON WEST UNIT 2
OVERALL UTILITY PLAN

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED 20 DESIGN REVIEW COMMITTEE | APPROVED 20 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 13 | 24 |

N

0 25 50 100

SCALE: 1"=50'

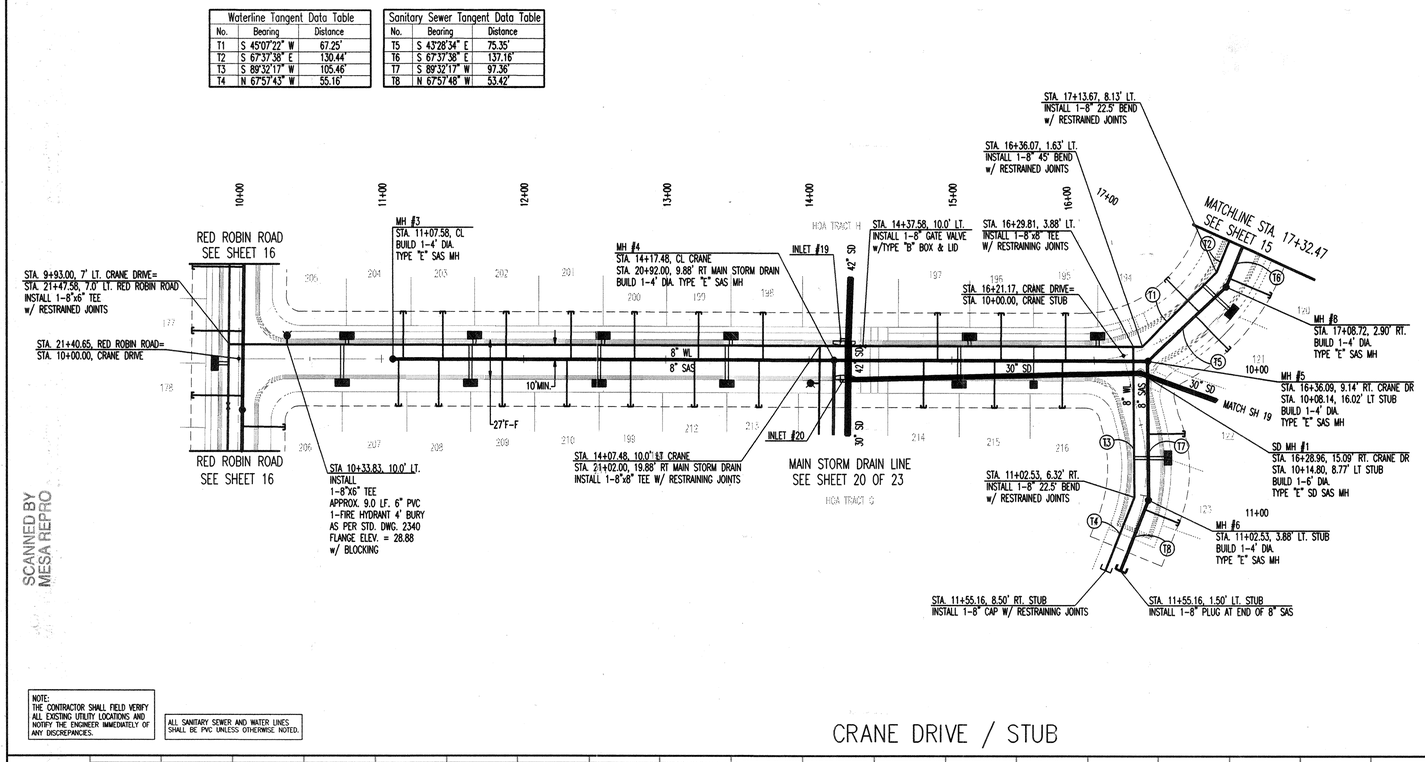
bhi- main: [99395.cdp.general] overall-util.dwg

BHI JOB NO. 99395

| Waterline Tangent Data Table | | |
|---|---|---|
| No. | Bearing | Distance |
| T1 | S 45°07'22" W | 67.25' |
| T2 | S 67°37'38" E | 130.44' |
| T3 | S 89°32'17" W | 105.46' |
| T4 | N 67°57'43" W | 55.16' |

| Sanitary Sewer Tangent Data Table | | |
|---|---|---|
| No. | Bearing | Distance |
| T5 | S 43°28'34" E | 75.35' |
| T6 | S 67°37'38" E | 137.16' |
| T7 | S 89°32'17" W | 97.36' |
| T8 | N 67°57'48" W | 53.42' |

| WATER & SANITARY SEWER SERVICES | | | | | |
|---|---|---|---|---|---|
| LOT NUMBER | WL STATION & OFFSET | WL TYPE | SAS STATION & OFFSET | SAS LENGTH | TOP OF PIPE AT PLUG (W/RISER) |
| 194 | 16+02.20, 9.48' LT. | DOUBLE | 17+45.57 CL. | 33.50 | 5217.49 (3.00) |
| 195 | | | 15+79.89 CL. | 36.35 | 5217.50 (N/A) |
| 196 | 15+13.48, 10.00' LT. | DOUBLE | 15+34.89 CL. | 36.00 | 5217.86 (N/A) |
| 197 | | | 14+87.39 CL. | 36.00 | 5218.26 (N/A) |
| 198 | 13+46.48, 10.00' LT. | DOUBLE | 13+70.39 CL. | 36.00 | 5219.26 (N/A) |
| 199 | | | 13+22.89 CL. | 36.00 | 5219.62 (N/A) |
| 200 | 12+56.48, 10.00' LT. | DOUBLE | 12+77.89 CL. | 36.00 | 5219.97 (N/A) |
| 201 | | | 12+32.89 CL. | 36.00 | 5220.31 (N/A) |
| 202 | 11+66.48, 10.00' LT. | DOUBLE | 11+87.89 CL. | 36.00 | 5220.66 (N/A) |
| 203 | | | 11+42.89 CL. | 36.00 | 5221.00 (N/A) |
| 204 | 10+77.04, 10.00' LT. | DOUBLE | 11+18.81 CL. | 36.00 | 5221.19 (N/A) |
| 205 | | | SEE SHEET 16 | ---- | ------ |
| 206 | 10+71.47, 10.00' LT. | DOUBLE | SEE SHEET 16 | ---- | ------ |
| 207 | | | 11+11.85 CL. | 30.00 | 5221.11 (N/A) |
| 208 | 11+61.47, 10.00' LT. | DOUBLE | 11+40.08 CL. | 30.00 | 5220.90 (N/A) |
| 209 | | | 11+85.08 CL. | 30.00 | 5220.55 (N/A) |
| 210 | 12+51.47, 10.00' LT. | DOUBLE | 12+30.08 CL. | 30.00 | 5220.21 (N/A) |
| 211 | | | 12+75.08 CL. | 30.00 | 5219.86 (N/A) |
| 212 | 13+41.47, 10.00' LT. | DOUBLE | 13+20.08 CL. | 30.00 | 5219.52 (N/A) |
| 213 | | | 13+67.58 CL. | 30.00 | 5219.16 (N/A) |
| 214 | 15+04.01, 10.00' LT. | DOUBLE | 14+80.12 CL. | 30.00 | 5218.19 (N/A) |
| 215 | | | 15+30.12 CL. | 30.00 | 5219.90 (3.00) |
| 216 | 15+57.62, 10.00' LT. | SINGLE | 15+72.91 CL. | 30.00 | 5220.25 (4.00) |
| 120 | 16+98.22, 10.00' LT. | DOUBLE | 17+15.01 CL. | 31.40 | 5219.05 (4.00) |
| 121 | | | 16+70.45 CL. | 32.63 | 5219.52 (4.00) |
| 122 | | | 10+57.20 3.53' LT | 26.00 | 5220.22 (2.00) |
| 123 | 10+75.56, 8.44' RT. | DOUBLE | 11+09.13, 2.72' LT | 26.00 | 5220.89 (N/A) |

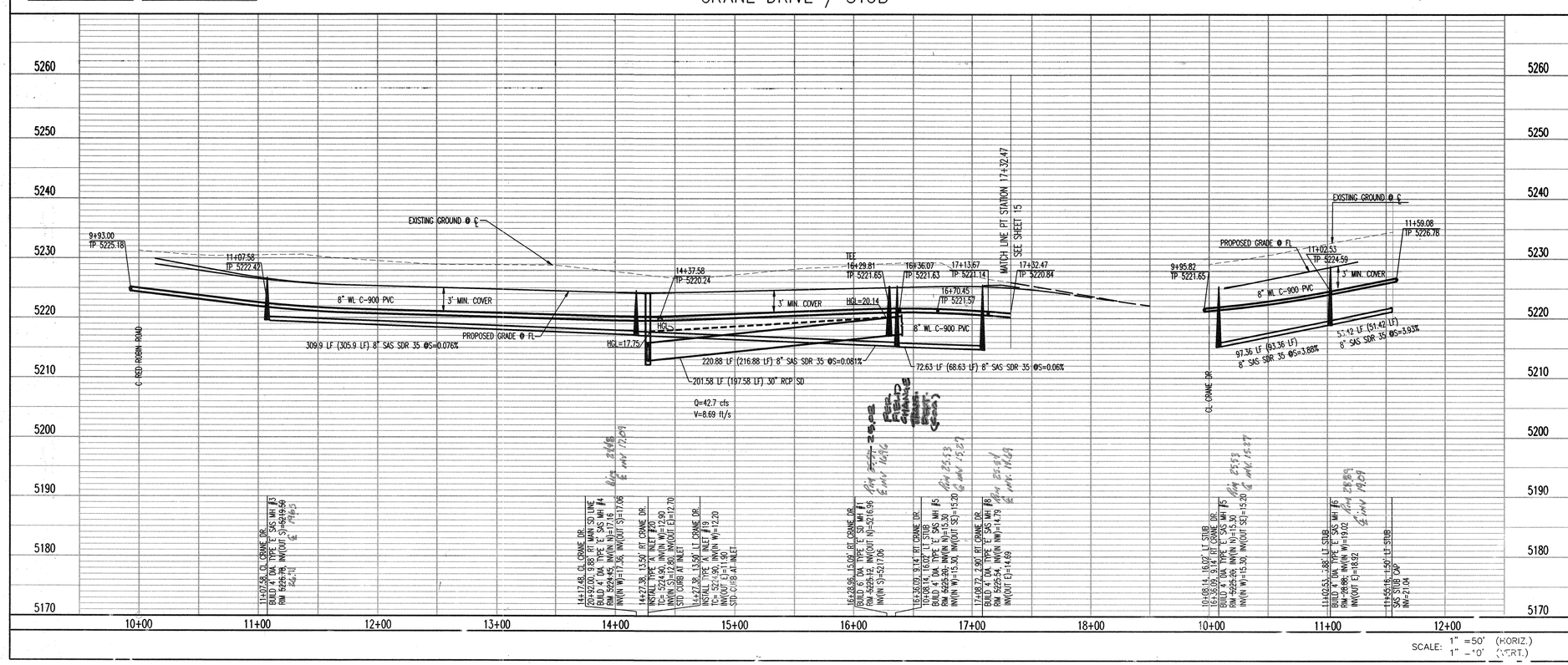



NOTE:
THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

ALL SANITARY SEWER AND WATER LINES SHALL BE PVC UNLESS OTHERWISE NOTED.

SCANNED BY MESA REPRO

## CRANE DRIVE / STUB




## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FL. OF CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

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AS-BUILT INFORMATION

| | | |
|---|---|---|
| CONTRACTOR | CCM | DATE 12/98 |
| WORK STAKED BY | CSI | DATE 4/98 |
| INSPECTOR'S ACCEPTANCE BY | CSI | DATE 4/98 |
| FIELD VERIFICATION BY | CSI | DATE 4/98 |
| DRAWINGS CORRECTED BY | CSI | DATE 8/98 |

MICRO-FILM INFORMATION

| | |
|---|---|
| RECORDED BY | DATE |
| NO. | |

BENCH MARKS

STATION IS ACS MONUMENT "5-M9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MONTE DRIVE SW, EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 3 1/4" ALUMINUM DISK, STAMPED "ACS DM, 6-M9" ELEVATION=5174.047

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

Designed By: EES DATE: 2/99
Drawn By: JAJ DATE: 2/99
Checked By: RLB DATE: 2/99

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

AS-BUILT

CRANE DRIVE / STUB
UTILITY PLAN & PROFILE
TIMARRON WEST UNIT 2

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED 12 1998 DESIGN REVIEW COMMITTEE | APPROVED NOV 20 1998 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 14 | 24 |

p:bhimain[99395.CDP.DESIGN.PNP]UPNP-CRANE.DWG

BHI JOB NO. 99395

| WATER & SANITARY SEWER SERVICES | | | | | |
|---|---|---|---|---|---|
| LOT NUMBER | WL STATION & OFFSET | WL TYPE | SAS STATION & OFFSET | SAS LENGTH | TOP OF PIPE AT PLUG (W/RISER) |
| M | 23+19.35, 9.50'LT. | DOUBLE | N/A | N/A | N/A |
| 107 | | | 22+97.99, 0.5' RT | 32.50' | 5195.67 (6) |
| 108 | 22+29.38, 9.50'LT. | DOUBLE | 22+52.99, 0.5' RT | 32.50' | 5195.91 (5) |
| 109 | | | 22+07.99, 0.5' RT | 32.50' | 5199.49 (7) |
| 110 | 21+39.38 9.50'LT. | DOUBLE | 21+64.45, 0.5' RT | 32.50' | 5202.29 (8) |
| 111 | | | 21+17.99, 0.5' RT | 32.50' | 5205.23 (9) |
| 112 | 20+49.38, 9.50'LT. | DOUBLE | 20+72.99, 0.5' RT | 32.50' | 5205.98 (7) |
| 113 | | | 20+27.99, 0.5' RT | 32.50' | 5209.56 (9) |
| 114 | 20+02.99, 9.50'LT. | SINGLE | 19+80.00, 0.5' RT | 32.49' | 5211.86 (9) |
| 115 | 19+07.47, 6.49'LT. | SINGLE | 19+32.59, 2.77' RT | 30.25' | 5212.83 (7) |
| 116 | 18+65.64, 7.18'LT. | DOUBLE | 18+86.67, 3.47' RT | 29.53' | 5213.69 (5) |
| 117 | | | 18+37.33, 1.33' RT | 31.90' | 5216.17 (5) |
| 118 | 17+80.55, 9.50'LT. | DOUBLE | 18+04.43, 0.5' RT | 32.41' | 5216.44 (4) |
| 119 | | | 17+59.71, 0.5' RT | 32.50' | 5218.47 (5) |

**WATERLINE CURVE DATA TABLE**

| No. | PI STA. | DELTA | TANGENT | ARC | RADIUS |
|---|---|---|---|---|---|
| C1 | 18+98.50 | 22°18'34" | 52.25' | 103.18' | 265.00' |

**WATERLINE TANGENT DATA**

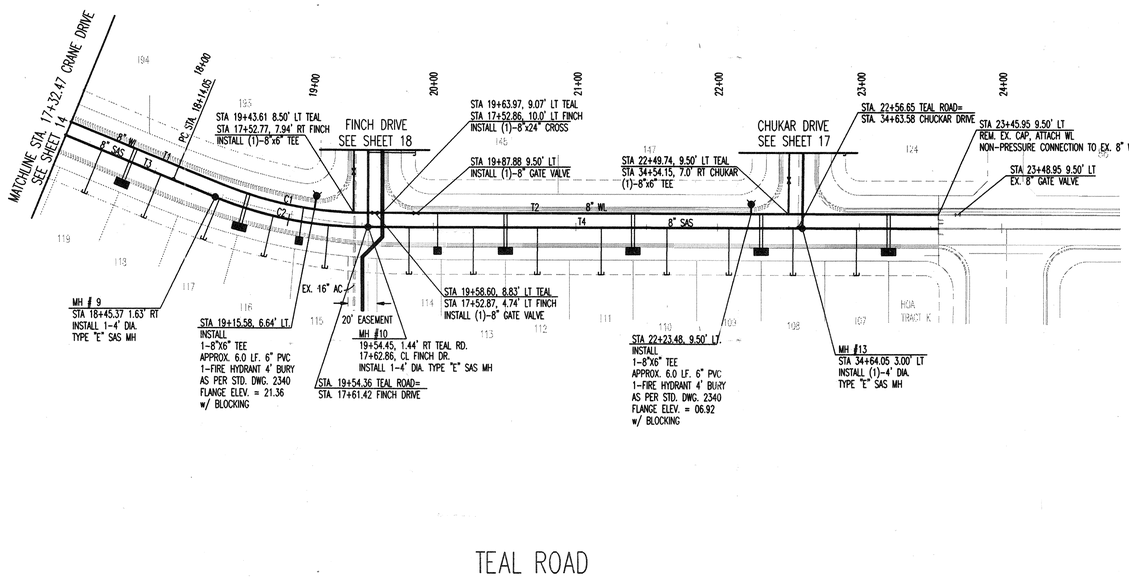
| No. | BEARING | DISTANCE |
|---|---|---|
| T1 | S 67°37'38" E | 135.15' |
| T2 | S 89°56'22" E | 403.87' |

**SANITARY SEWER LINE CURVE DATA TABLE**

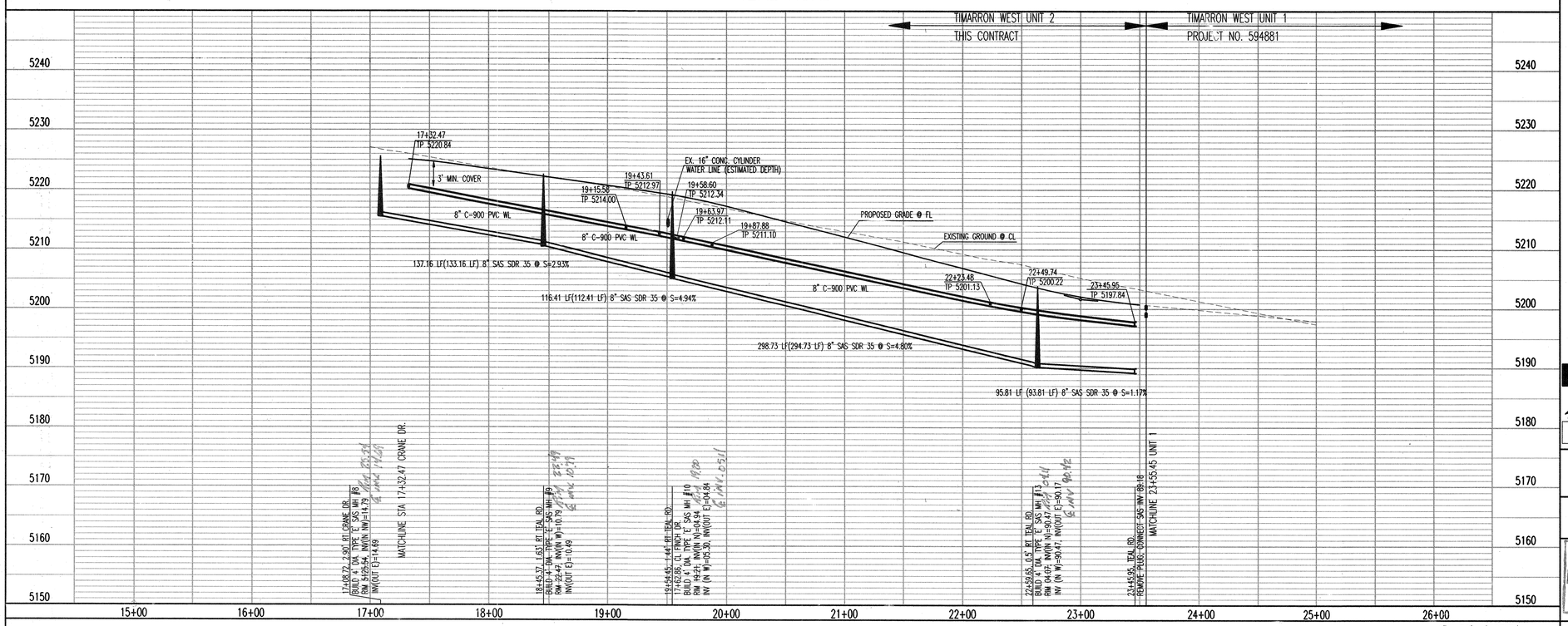
| No. | PI STA. | DELTA | TANGENT | ARC | RADIUS |
|---|---|---|---|---|---|
| C2 | 18+98.50 | 22°18'34" | 54.23' | 107.08' | 275.00' |

**SANITARY SEWER LINE TANGENT DATA**

| No. | BEARING | DISTANCE |
|---|---|---|
| T3 | S 67°37'38" E | 137.16' |
| T4 | S 89°56'22" E | 403.91' |




TEAL ROAD




## NOTES:

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AS-BUILT INFORMATION
CONTRACTOR — DATE 12/99
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
STATION IS ACS MONUMENT "6-M9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW. EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS DAL 6-M9"
ELEVATION=5174.047

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | | |

REVISIONS
DESIGN
Designed By: EES — DATE: 2/99
Drawn By: JAJ — DATE: 2/99
Checked By: RLB — DATE: 2/99

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

AS-BUILT

TEAL ROAD
UTILITY PLAN & PROFILE
TIMARRON WEST UNIT 2

Design Review Committee — APPROVED — DESIGN REVIEW COMMITTEE
City Engineer Approval — APPROVED — CITY ENGINEER
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 15 | 24 |

SCANNED BY MESA REPRO

P:99395\CDP\PNP\UPNP-TEAL.DWG 2/17/99

BHI JOB NO. 99395

WATER & SANITARY SEWER SERVICES

| LOT NUMBER | WL STATION & OFFSET | WL TYPE | SAS STATION* & OFFSET | SAS LENGTH | TOP OF PIPE AT PLUG (W/RISER) |
|---|---|---|---|---|---|
| 133 | SEE SHEET XX | --- | 28+08.97, 3.00' RT. | 19.00' | 5196.95 (N/A) |
| 134 | SEE SHEET XX | --- | ~~26+67.41~~, 3.00' RT. | 30.33' | 5198.59 (N/A) |
| 161 | SEE SHEET XX | --- | ~~24+70.09~~, 3.00' RT. | 30.00' | 5210.46 (14') |
| 162 | 28+28.62, 7.00' LT. | SINGLE | 28+50.73, 3.00' RT. | 36.00' | 5199.00 (3') |
| 163 | 27+83.23, 7.00' LT. | DOUBLE | 28+05.73, 3.00' RT. | 36.00' | 5198.74 (2') |
| 164 | | | 27+60.73, 3.00' RT. | 36.00' | 5198.48 (1') |
| 165 | 26+93.23, 7.00' LT. | SINGLE | 27+16.10, 3.00' RT. | 36.00' | 5198.93 (1') |
| 166 | 26+48.23, 7.00'LT. | DOUBLE | 26+69.76, 3.00' RT. | 36.55' | 5200.82 (3') |
| 167 | | | 26+25.73, 3.00' RT. | 36.00' | 5203.37 (6') |
| 168 | 25+58.23, 7.00' LT. | DOUBLE | 25+80.73, 3.00' RT. | 36.00' | 5205.94 (9') |
| 169 | | | 25+35.73, 3.00' RT. | 36.00' | 5208.16 (10') |
| 170 | 24+68.23, 7.00'LT. | DOUBLE | 24+90.73, 3.00' RT. | 36.00' | 5210.72 (10') |
| 171 | | | 24+37.73, 3.00' RT. | 36.00' | 5211.61 (7') |
| 172 | 23+64.15, 10.00'LT. | SINGLE | 23+84.74, 3.00' RT. | 36.00' | 5214.63 (7') |
| 181 | SEE SHEET XX | --- | ~~23+81.60~~, 3.00' RT. | 30.00' | 5212.56 (4') |
| 173 | 23+17.24, 7.00'LT. | DOUBLE | 23+39.74, 3.00' RT. | 36.00' | 5216.48 (6') |
| 174 | | | 22+94.74, 3.00' RT. | 36.00' | 5217.63 (4') |
| 175 | 22+27.42, 7.00'LT. | DOUBLE | 22+49.74, 3.00' RT. | 36.00' | 5219.48 (3) |
| 176 | | | 22+04.74, 3.00' RT. | 36.00' | 5219.92 (N/A) |
| 177 | 21+37.24, 7.00'LT. | DOUBLE | 21+59.74, 3.00' RT. | 36.00' | 5222.48 (N/A) |
| 178 | | | 21+14.74, 3.00' RT. | 36.00' | 5225.04 (N/A) |
| 179 | 20+47.24, 7.00'LT. | DOUBLE | 20+69.74, 3.00' RT. | 36.00' | 5226.60 (N/A) |
| 180 | | | 20+23.62, 3.00' RT. | 36.00' | 5228.15 (N/A) |
| 205 | SEE SHEET XX | --- | 21+84.07, 3.00' RT. | 30.00' | 5220.97 (N/A) |
| 206 | SEE SHEET XX | --- | 20+98.07, 3.00' RT. | 30.00' | 5225.53 (N/A) |

* STATION ALONG SURVEY ALIGNMENT 'A'

24+76 WL
24+50 SD

23+88 WL

SCANNED BY MESA REPRO

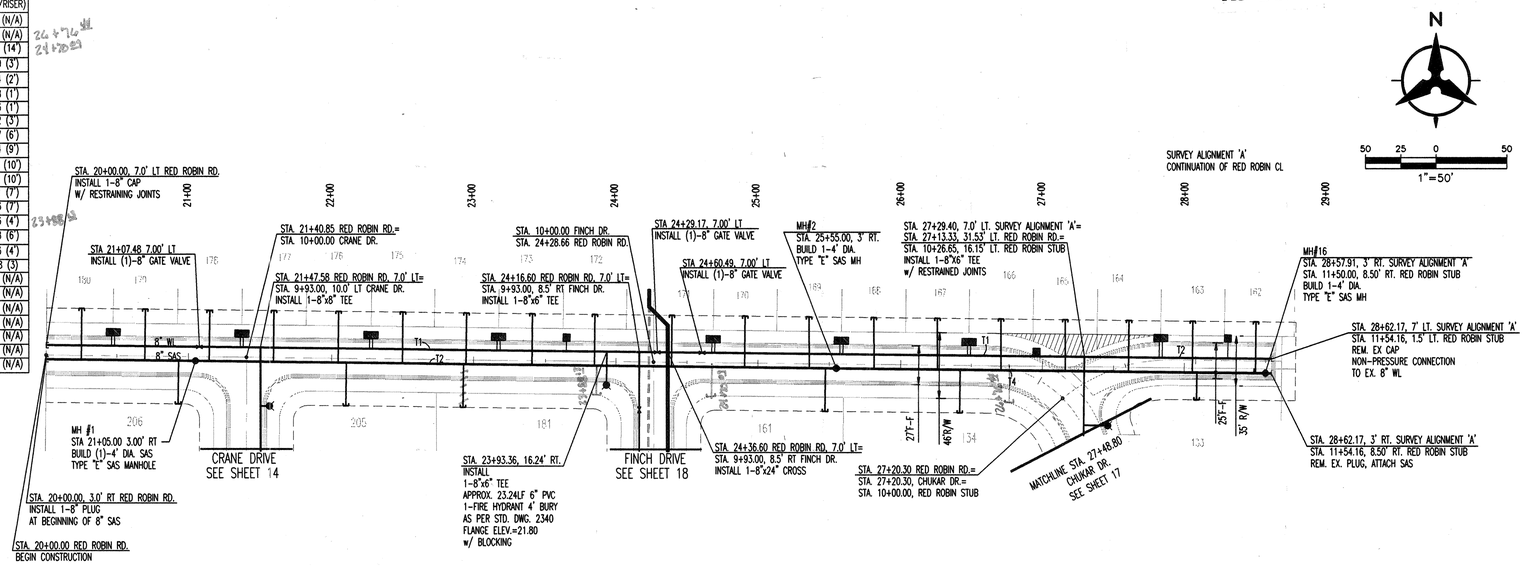
**WATERLINE TANGENT DATA TABLE**

| No. | BEARING | DISTANCE |
|---|---|---|
| T1 | S 89°22'37" E | 869.40' |

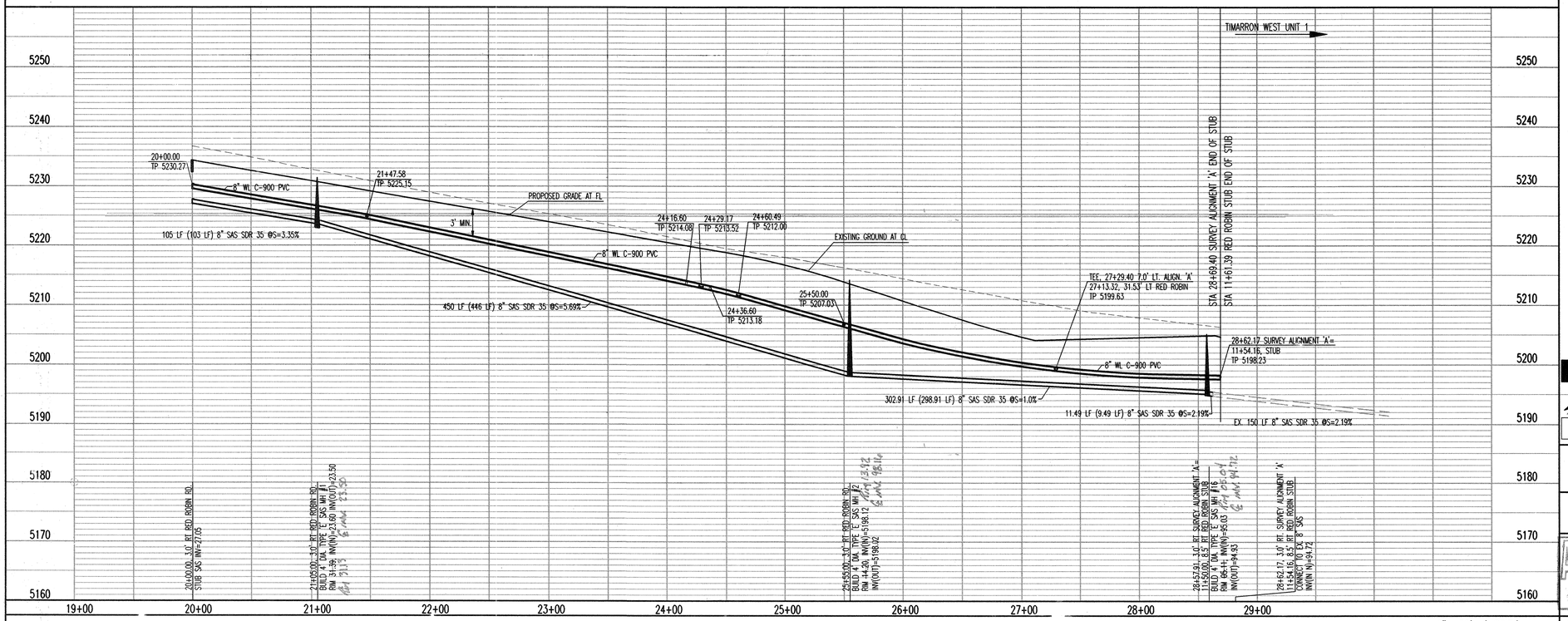
**SANITARY SEWER LINE TANGENT DATA TABLE**

| No. | BEARING | DISTANCE |
|---|---|---|
| T2 | S 89°22'37" E | 105.00' |
| T3 | S 89°22'37" E | 450.00' |
| T4 | S 89°22'37" E | 302.91' |
| T5 | S 89°22'37" E | 11.49' |

## AS-BUILT




RED ROBIN ROAD




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

## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FL. OF CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

13. CONSTRUCTION TRAFFIC CONTROL COST INCIDENTAL TO PAVING ITEMS.

14. MANHOLE RIM & CATCH BASIN ELEVATIONS ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO MATCH FINAL PAVEMENT GRADES.

15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA DETAIL 2340.

AS-BUILT INFORMATION
CONTRACTOR — DATE
STAKED BY — DATE
INSPECTOR'S REVISIONS BY — DATE
FIELD VERIFICATIONS BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
STATION IS ACS MONUMENT "6-M9" (LOCATED AT THE ESE QUADRANT OF DE VARGAS ROND AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISC, STAMPED "ACS BM, 6-M9" ELEVATION=5174.047

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |
| | | Designed By: EES | DATE: 2/99 |
| | | Drawn By: JAJ | DATE: 2/99 |
| | | Checked By: RLB | DATE: 2/99 |

**Bohannan ▲ Huston**
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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

RED ROBIN ROAD
UTILITY PLAN & PROFILE
TIMARRON WEST UNIT 2

Design Review Committee — APPROVED — DESIGN REVIEW COMMITTEE
City Engineer Approval — APPROVED — CITY ENGINEER
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 16 | 24 |

p:bhimain[99395.CDP..PNP]UPNP-RED.DWG

BHI JOB NO. 99395

| WATER & SANITARY SEWER SERVICES | | | | | |
|---|---|---|---|---|---|
| LOT NUMBER | WL STATION & OFFSET | WL TYPE | SAS STATION & OFFSET | SAS LENGTH | TOP OF PIPE AT PLUG (W/RISER) |
| 124 | 33+88.13, 7.00' RT | SINGLE | 34+02.83, 3.00'LT. | 20.00' | 5195.32 (4) |
| 125 | 33+43.13, 7.00' RT. | DOUBLE | 33+65.63, 3.00'LT. | 30.00' | 5194.84 (3) |
| 126 | | | 33+20.63, 3.00'LT. | 30.00' | 5194.40 (2) |
| 127 | 32+53.13, 7.00' RT. | DOUBLE | 32+75.63, 3.00' LT. | 30.00' | 5193.96 (1) |
| 128 | | | 32+30.63, 3.00' LT. | 30.00' | 5193.52 (N/A) |
| 129 | 29+13.22, 7.00' RT. | SINGLE | 29+35.72, 3.00' LT. | 30.00' | 5195.27 (N/A) |
| 130 | 28+68.22, 7.00' RT. | DOUBLE | 28+90.72, 3.00' LT. | 30.00' | 5195.64 (N/A) |
| 131 | | | 28+45.72, 3.00' LT. | 30.00' | 5195.91 (N/A) |
| 132 | | | 28+17.95, 3.00' LT. | 30.00' | 5196.08 (N/A) |
| 133 | 27+78.45, 7.00' RT. | DOUBLE | SEE SHEET XX | --- | --- |
| 134 | 27+82.21, 7.00' RT | DOUBLE | SEE SHEET XX | --- | --- |
| 135 | | | 28+21.11, 3.00' LT. | 36.00' | 5196.18 (N/A) |
| 136 | 28+72.21, 7.00' RT. | DOUBLE | 28+49.71, 3.00' LT. | 36.00' | 5196.01 (N/A) |
| 137 | | | 28+94.71, 3.00' LT. | 36.00' | 5195.74 (N/A) |
| 138 | 29+19.55, 7.00' RT. | SINGLE | 29+39.71, 3.00' LT. | 36.00' | 5195.47 (N/A) |
| 139 | 30+07.21, 7.00' RT. | SINGLE | 29+84.71, 3.00' LT. | 36.00' | 5195.20 (N/A) |
| 140 | 30+52.21, 7.00' RT. | DOUBLE | 30+29.71, 3.00' LT. | 36.00' | 5194.93 (N/A) |
| 141 | | | 30+77.21, 3.00' LT. | 36.00' | 5195.35 (1) |
| 142 | 32+06.00, 7.00' RT. | DOUBLE | 31+85.50, 3.00' LT. | 36.00' | 5194.01 (N/A) |
| 143 | | | 32+30.63, 3.00' LT. | 36.00' | 5194.36 (1) |
| 144 | 33+06.00. 7.00' RT. | DOUBLE | 32+73.50, 3.00' LT. | 36.00' | 5194.81 (2) |
| 145 | | | 33+18.50, 3.00' LT. | 36.00' | 5195.24 (3) |
| 146 | 33+86.00, 7.00. RT. | DOUBLE | 33+65.63, 3.00' LT. | 36.00' | 5195.67 (4) |
| 147 | | | 34+08.84,3.00' LT. | 36.00' | 5196.82 (6) |

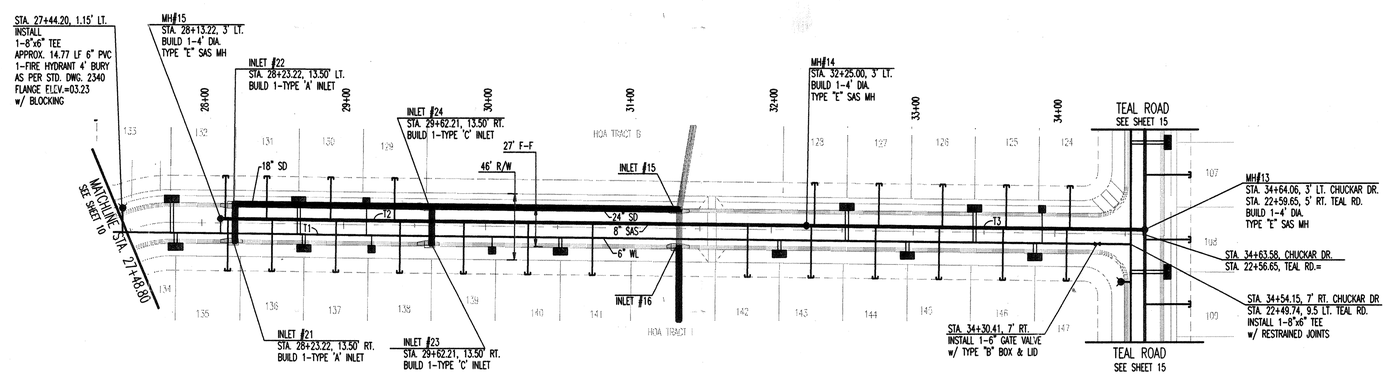
**WATERLINE TANGENT DATA TABLE**

| No. | BEARING | DISTANCE |
|---|---|---|
| T1 | S 00°37'23" W | 756.94' |

**SAS TANGENT DATA TABLE**

| No. | BEARING | DISTANCE |
|---|---|---|
| T2 | S 00°37'23" W | 411.78' |
| T3 | S 00°37'23" W | 239.05' |

**AS-BUILT**




## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

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7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

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13. CONSTRUCTION TRAFFIC CONTROL COST INCIDENTAL TO PAVING ITEMS.

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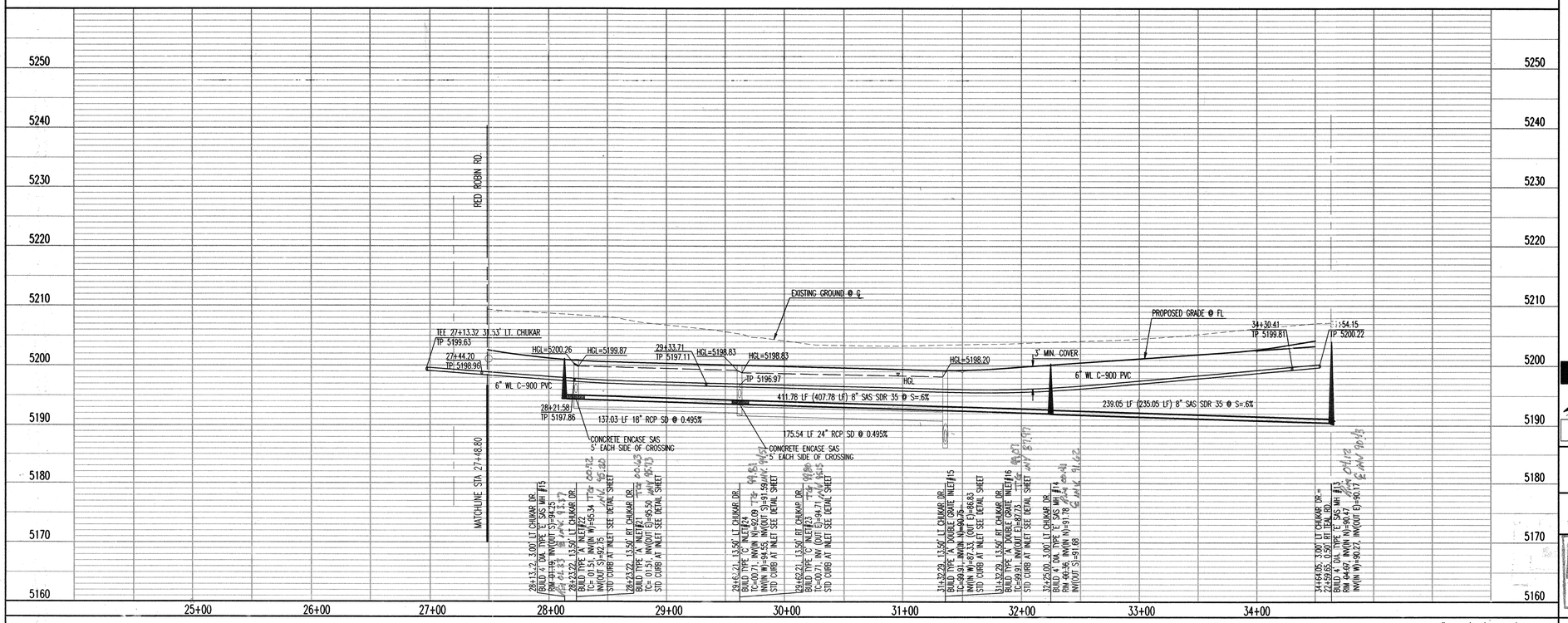
15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA. DETAIL 2340.

## CHUKAR DRIVE




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

BHI JOB NO. 99324

SCANNED BY MESA REPRO

**AS-BUILT INFORMATION**

| | | DATE |
|---|---|---|
| CONTRACTOR | CGM | |
| WORK STAKED BY | CGM | DATE " |
| INSPECTOR'S ACCEPTANCE BY | SBC | DATE " |
| VERIFICATION BY CITY | CGM | DATE " |
| DRAWINGS CORRECTED BY | CGM | DATE " |

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

**BENCH MARKS**

STATION IS ACS MONUMENT "5-M9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE.

CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS DM, 5-M9"

ELEVATION=5174.0447

**SURVEY INFORMATION**

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

Designed By: EES DATE: 3/99
Drawn By: JAJ DATE: 3/99
Checked By: RB DATE: 3/99

**Bohannan ▲ Huston**

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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

CHUCKAR DRIVE
UTILITY PLAN & PROFILE
TIMARRON WEST UNIT 2

Design Review Committee — APPROVED — DESIGN REVIEW COMMITTEE
City Engineer Approval — APPROVED — CITY ENGINEER

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 17 | 24 |

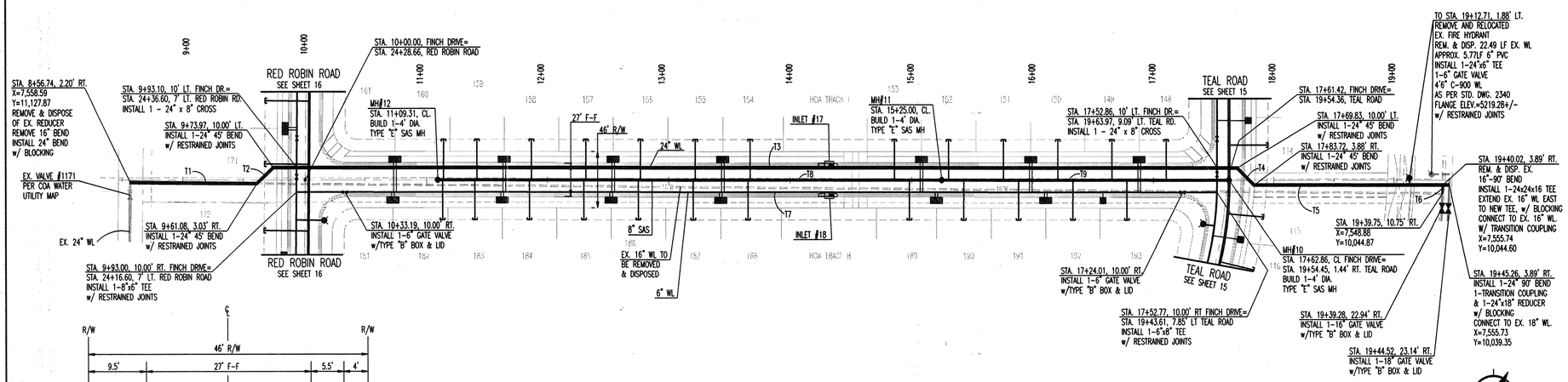
p:bhimain[99395.CDP.DESIGN.PNP]UPNP-CHUKAR.DWG

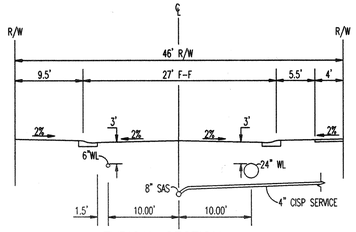
**WATERLINE TANGENT DATA TABLE**

| No. | BEARING | DISTANCE |
|---|---|---|
| T1 | S 00°30'48" W | 104.30' |
| T2 | S 44°56'19" E | 18.42' |
| T3 | S 00°03'41" W | 795.76' |
| T4 | S 45°03'41" W | 19.63' |
| T5 | S 00°03'48" W | 161.54' |
| T6 | S 87°43'04" W | 6.86' |
| T7 | S 00°03'41" W | 759.87' |

**SAS TANGENT DATA TABLE**

| No. | BEARING | DISTANCE |
|---|---|---|
| T8 | S 00°03'41" W | 415.69' |
| T9 | S 00°03'41" W | 237.86' |




TYPICAL SECTION

SCALE: 1"=10'

NOTE:
CONNECTIONS TO EXISTING WATERLINES SHOWN ARE APPROXIMATE IN LOCATION AND ELEVATION. THE CONTRACTOR SHALL FIELD VERIFY THE CONNECTIONS AND PROVIDE THIS INFORMATION TO THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.

## NOTES:

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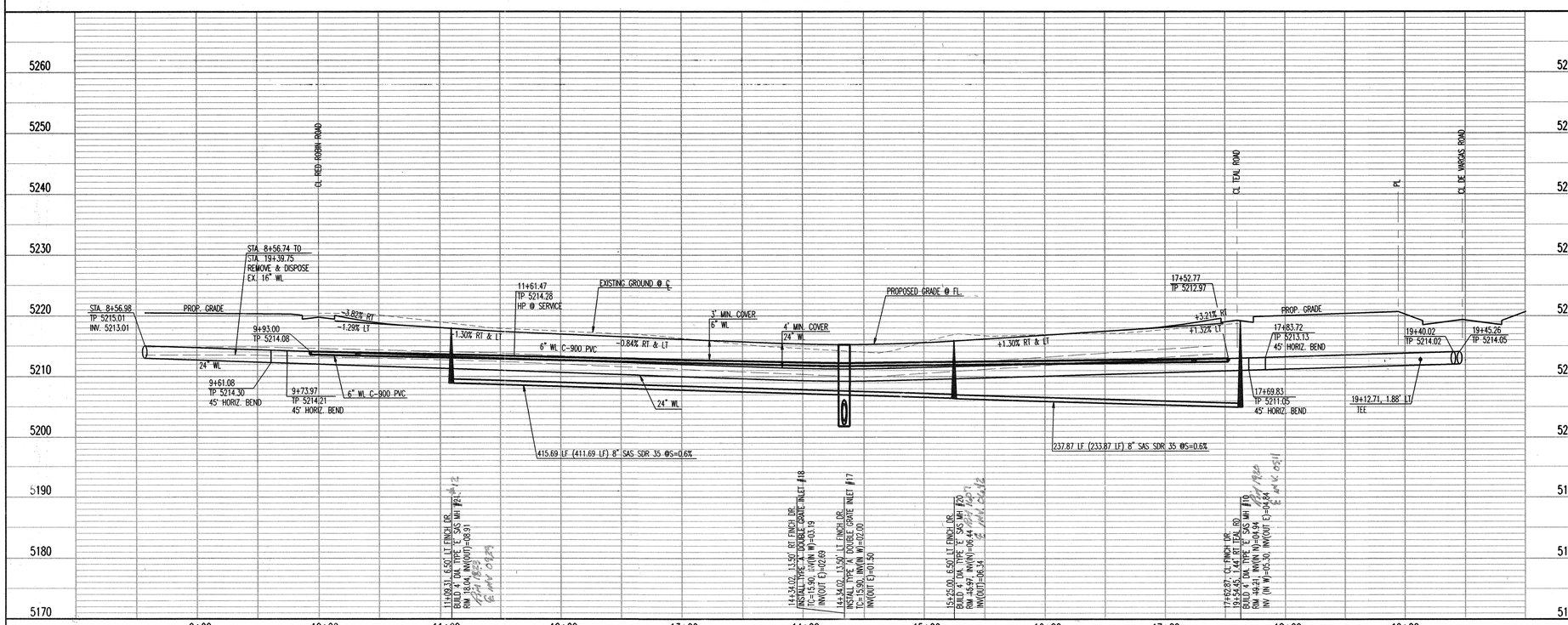
## FINCH DRIVE




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

**WATER & SANITARY SEWER SERVICES**

| LOT NUMBER | WL STATION & OFFSET | WL TYPE | SAS STATION & OFFSET | SAS LENGTH | TOP OF PIPE AT PLUG (W/RISER) |
|---|---|---|---|---|---|
| 148 | 16+87.02, 8.50' RT | DOUBLE | 17+03.75, 6.50' LT | 33.00 | 5207.00 (-) |
| 149 | | | 16+65.63, 6.50' LT | 33.00 | 5207.23 (-) |
| 150 | 15+97.02, 8.50' RT. | DOUBLE | 16+20.63, 6.50' LT | 33.00 | 5207.50 (-) |
| 151 | | | 15+75.63, 6.50' LT | 33.00 | 5207.77 (-) |
| 152 | 15+07.02, 8.50' RT | DOUBLE | 15+30.63, 6.50' LT | 33.00 | 5208.04 (-) |
| 153 | | | 14+85.63, 6.50' LT | 33.00 | 5208.38 (-) |
| 154 | 13+45.40, 8.50' RT | DOUBLE | 13+69.31, 6.50' LT | 33.00 | 5209.09 (-) |
| 155 | | | 13+21.81, 6.50' LT | 33.00 | 5209.37 (-) |
| 156 | 12+55.40, 8.50' RT | DOUBLE | 12+76.81, 6.50' LT | 33.00 | 5209.65 (-) |
| 157 | | | 12+31.81, 6.50' LT | 33.00 | 5209.92 (-) |
| 158 | 11+65.40, 8.50' RT | DOUBLE | 11+86.81, 6.50' LT | 33.00 | 5210.19 (-) |
| 159 | | | 11+41.81, 6.50' LT | 33.00 | 5210.46 (-) |
| 160 | 10+75.40, 8.50' RT | DOUBLE | 11+15.42, 6.50' LT | 33.00 | 5210.62 (-) |
| 161 | | | SEE RED ROBIN | --- | --- |
| 181 | 10+71.47, 8.50' RT | DOUBLE | SEE RED ROBIN | --- | --- |
| 182 | | | 11+18.50, 6.50' LT | 33.00 | 5210.60 (-) |
| 183 | 11+61.47, 8.50' RT | DOUBLE | 11+44.90, 6.50' LT | 33.00 | 5210.44 (-) |
| 184 | | | 11+83.80, 6.50' LT | 33.00 | 5210.21 (-) |
| 185 | 12+51.47, 8.50' RT | DOUBLE | 12+28.80, 6.50' LT | 33.00 | 5209.94 (-) |
| 186 | | | 12+73.80, 6.50' LT | 33.00 | 5209.66 (-) |
| 187 | 13+41.47, 8.50' RT | DOUBLE | 13+18.80, 6.50' LT | 33.00 | 5209.39 (-) |
| 188 | | | 13+66.30, 6.50' LT | 33.00 | 5209.10 (-) |
| 189 | 15+21.67, 8.50' RT | DOUBLE | 14+95.56, 6.50' LT | 33.00 | 5208.32 (-) |
| 190 | | | 15+43.08 6.50' LT | 33.00 | 5207.96 (-) |
| 191 | 16+11.67, 8.50' RT | DOUBLE | 15+88.08, 6.50' LT | 33.00 | 5207.69 (-) |
| 192 | | | 16+33.08, 6.50' LT | 33.00 | 5207.42 (-) |
| 193 | 16+58.08, 8.50' RT | SINGLE | 16+84.17, 6.50' LT | 33.00 | 5207.12 (-) |

**Bohannan ▲ Huston**

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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

**AS-BUILT**

FINCH DRIVE
UTILITY PLAN & PROFILE
TIMARRON WEST UNIT 2

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED DESIGN REVIEW COMMITTEE | APPROVED CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 18 | 24 |

AS-BUILT INFORMATION

| | | DATE |
|---|---|---|
| CONTRACTOR | | |
| STAKED BY | | DATE |
| INSPECTOR'S CHANGES BY | | DATE |
| FIELD VERIFICATION BY | | DATE |
| DRAWINGS CORRECTED BY | | DATE |

MICRO-FILM INFORMATION

| | |
|---|---|
| RECORDED BY | DATE |
| NO. | |

BENCH MARKS

STATION IS ACS MONUMENT "C-19" (LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MISTRO DRIVE SW, EPOXIED) TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS DM, C-19"
ELEVATION=5174.047

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

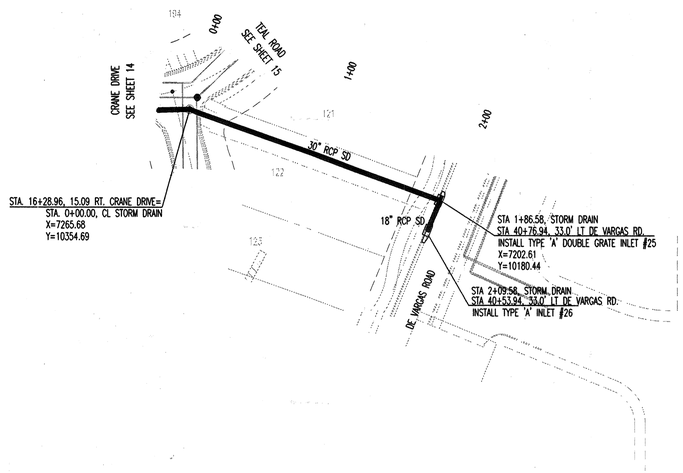
| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

Designed By: EES DATE: 4/99
Drawn By: JAJ DATE: 4/99
Checked By: RB DATE: 4/99

BHI JOB NO. 99324



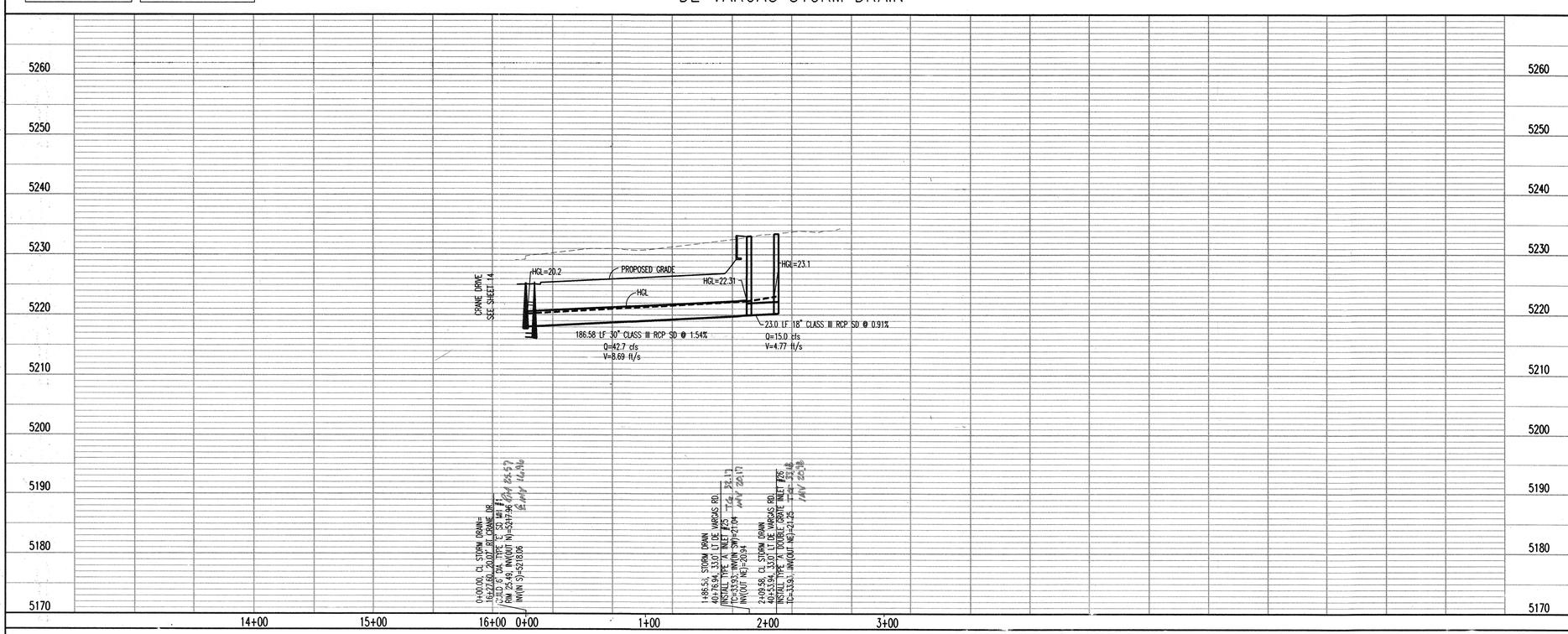
p:bhimain[99395.CDP.DESIGN.PNP]UPNP-FINCH.DWG



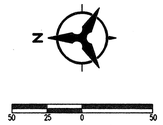

NOTE:
THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

ALL SANITARY SEWER AND WATER LINES SHALL BE PVC UNLESS OTHERWISE NOTED.

# DE VARGAS STORM DRAIN




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




## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FL. OF CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

13. CONSTRUCTION TRAFFIC CONTROL COST INCIDENTAL TO PAVING ITEMS.

14. MANHOLE RIM & CATCH BASIN ELEVATIONS ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO MATCH FINAL PAVEMENT GRADES.

15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA. DETAIL 2340.

AS-BUILT INFORMATION

| | | |
|---|---|---|
| CONTRACTOR | CGM | DATE 8/99 |
| WORK STAKED BY | CGL | DATE " " |
| INSPECTOR'S CHANGES BY | CGL | DATE " " |
| FIELD VERIFICATIONS BY | CGL | DATE " " |
| DRAWINGS CORRECTED BY | CGL | DATE " " |

MICRO-FILM INFORMATION

| | |
|---|---|
| RECORDED BY | DATE |
| NO. | |

BENCH MARKS

STATION IS ACS MONUMENT "C-405" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, C-405" ELEVATION=5174.047

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
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ENGINEER'S SEAL

SUBMITTED AND REGISTERED PROFESSIONAL ENGINEER

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

REVISIONS

DESIGN

Designed By: EES DATE: 2/99
Drawn By: JAJ DATE: 2/99
Checked By: RLB DATE: 2/99

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

AS-BUILT

DE VARGAS STORM DRAIN
UTILITY PLAN & PROFILE
TIMARRON WEST UNIT 2

Design Review Committee: APPROVED 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED NOV 2 0 1999 CITY ENGINEER

| Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|
| | | |
| | | |
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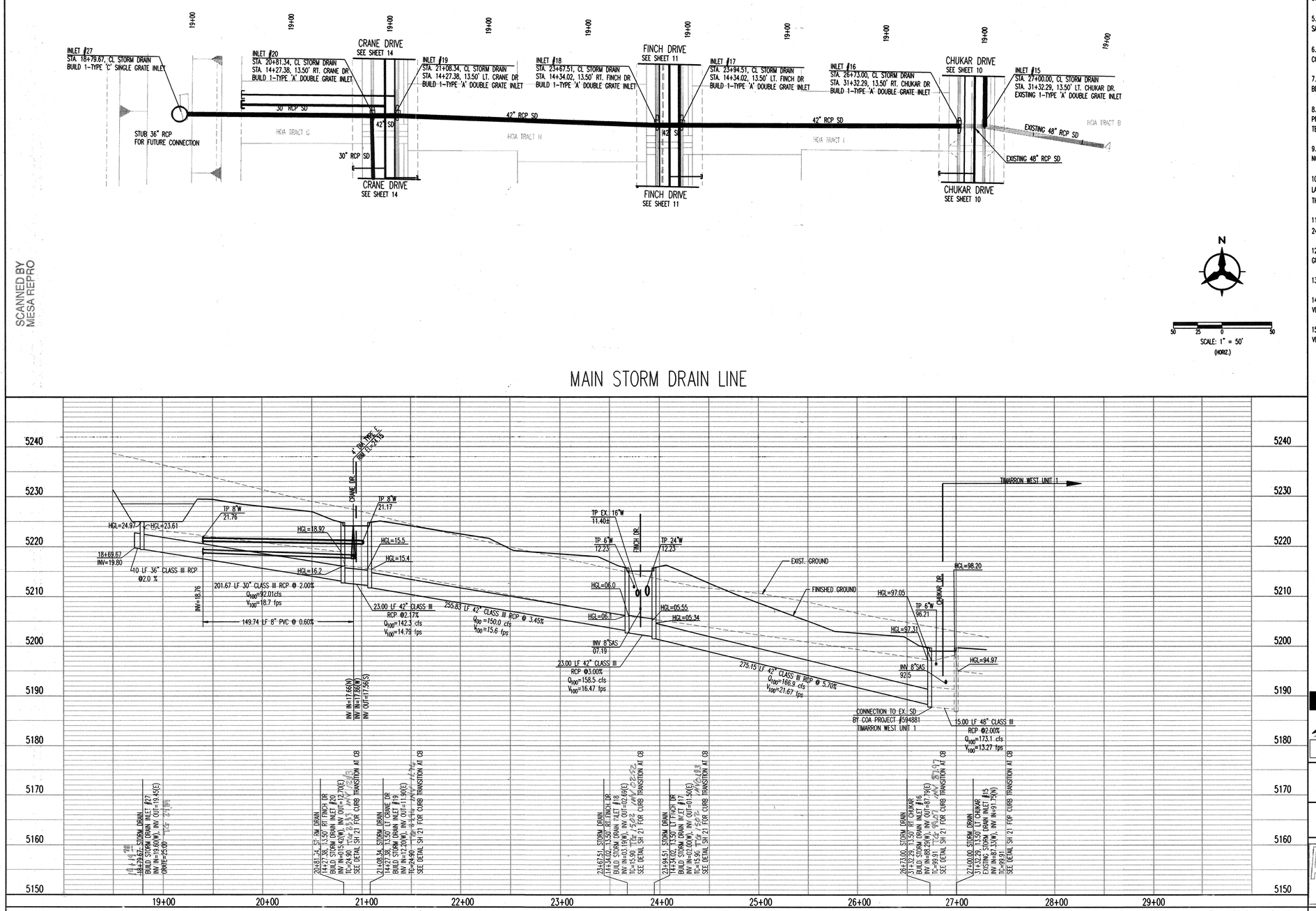
| | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 19 | 24 |

BHI JOB NO. 99395



p:bhimain[99395.CDP.DESIGN.PNP]UPNP-DEV-SD.DWG




## NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVING AND UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. NOTIFICATION WILL BE IN SUCH A MANNER AS TO ALLOW THE ENGINEER TIME TO MAKE REVISIONS PRIOR TO CONSTRUCTION. FAILURE TO DO SO MAY RESULT IN CONTRACTOR RESPONSIBILITY FOR RESOLUTION OF DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FL. OF CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

13. CONSTRUCTION TRAFFIC CONTROL COST INCIDENTAL TO PAVING ITEMS.

14. MANHOLE RIM & CATCH BASIN ELEVATIONS ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO MATCH FINAL PAVEMENT GRADES.

15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA. DETAIL 2340.

AS-BUILT INFORMATION

| | | DATE |
|---|---|---|
| CONTRACTOR | | |
| DRAWING STAMPED BY | | DATE |
| INSPECTOR'S ACCEPTANCE BY | | DATE |
| FIELD VERIFICATION BY | | DATE |
| DRAWINGS CORRECTED BY | | DATE |

MICRO-FILM INFORMATION

| | DATE |
|---|---|
| RECORDED BY | |
| NO. | |

BENCH MARKS

STATION IS ACS MONUMENT "5-M9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 5-M9" ELEVATION=5174.047

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

Designed By: EES DATE: 3/99
Drawn By: JAJ DATE: 3/99
Checked By: RLB DATE: 3/99

**Bohannan ▲ Huston**

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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

**AS-BUILT**

MAIN STORM DRAIN LINE
UTILITY PLAN & PROFILE
TIMARRON WEST UNIT 2

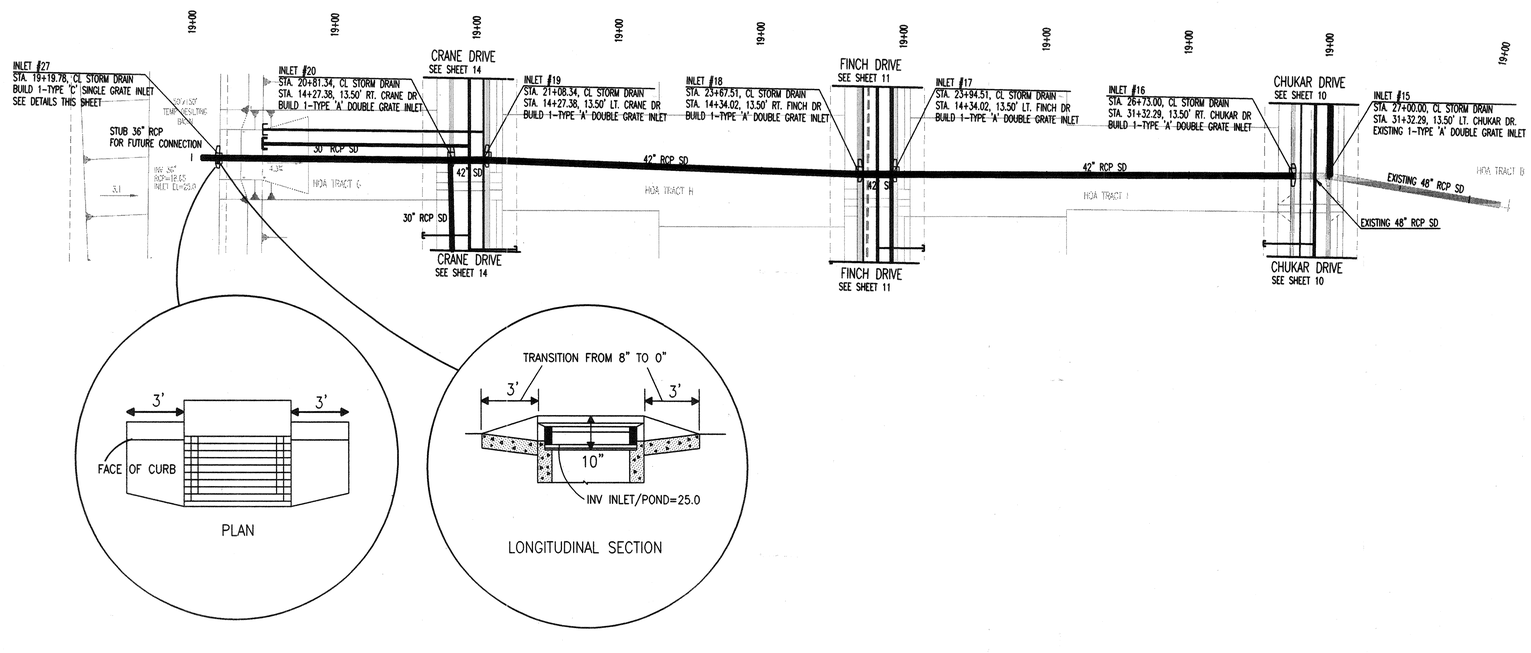
| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED 20 DESIGN REVIEW COMMITTEE | APPROVED MAY 20 1999 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 20 | 24 |

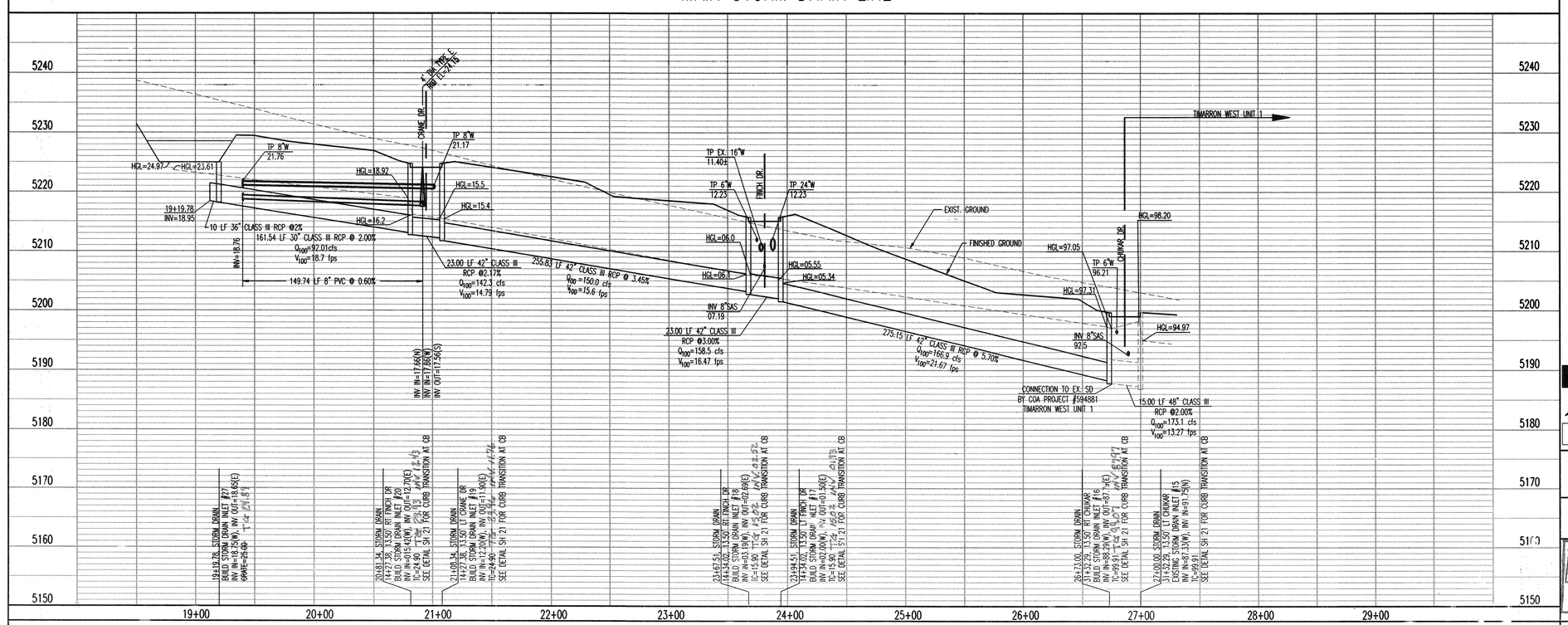
SCANNED BY MESA REPRO

p:bhimain[99395.CDP.DESIGN.PNP]UPNP-STORMDRAIN.DWG

BHI JOB NO. 99395




MAIN STORM DRAIN LINE




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

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15. FIRE HYDRANT FLANGE ELEVATIONS SHOWN ARE APPROX. THE CONTRACTOR WILL VERIFY AND CONSTRUCT TO FINAL CURB ELEVATIONS PER COA. DETAIL 2340.

AS-BUILT INFORMATION
CONTRACTOR — DATE
STAKED BY — DATE
INSPECTOR'S REDLINES BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
STATION IS ACS MONUMENT "5-A9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS DM, 5-A9"
ELEVATION=5174.047

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL
RICHARD J. BERRY
NEW MEXICO
LICENSED PROFESSIONAL ENGINEER
9672

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

Designed By: EES — DATE: 3/99
Drawn By: JAJ — DATE: 3/99
Checked By: RLB — DATE: 3/99

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

AS-BUILT

MAIN STORM DRAIN LINE
UTILITY PLAN & PROFILE
TIMARRON WEST UNIT 2

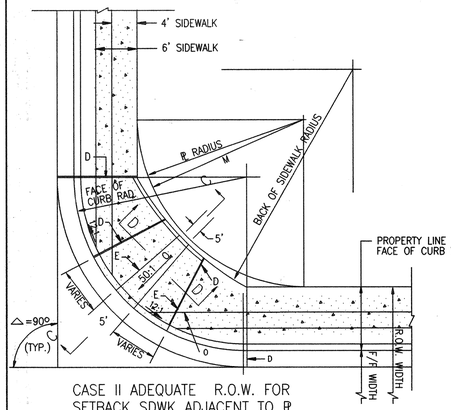
Design Review Committee: APPROVED 20 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED MAY 2 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 612781 | Zone Map No. M-9 | Sheet 10A Of 24

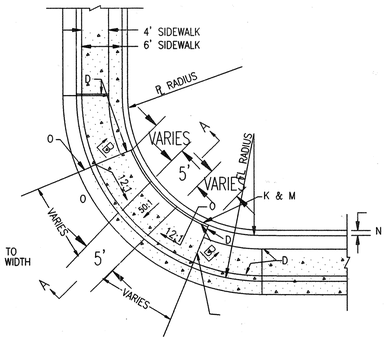
SCANNED BY MESA REPRO

p:bhimain[99395.CDP.DESIGN.PNP]UPNP-STORMDRAIN.DWG

BHI JOB NO. 99395




CASE II ADEQUATE R.O.W. FOR SETBACK SDWK ADJACENT TO R.




CASE I MINIMAL R.O.W. FOR SIDEWALK AT BACK OF CURB

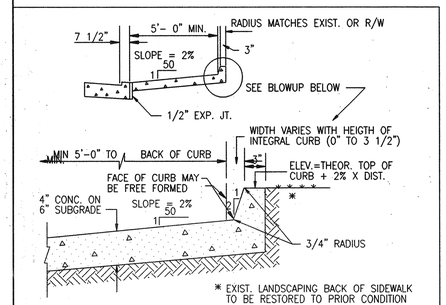
## GENERAL NOTES:

1. CURB ACCESS RAMPS ARE NORMALLY TO BE LOCATED AT THE CENTER OF THE RETURN OR AS DIRECTED BY THE CITY TRAFFIC ENGINEER.
2. SURFACE TEXTURE OF CURB ASSESS RAMPS SHALL BE OBTAINED BY HEAVY BROOMING. (TEXTURE DEPTH .035"), TRANSVERSE TO THE SLOPE OF THE RAMP.
3. GUTTER FLOW-LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP. DRAINAGE CATCH BASIN STRUCTURES SHALL NOT BE PLACED IN LINE WITH RAMPS.
4. WIDTH OF SIDEWALK AND RAMP MUST BE MAINTAINED AT A MINIMUM OF 5'-0" THROUGH ENTIRE RAMP LENGTH.

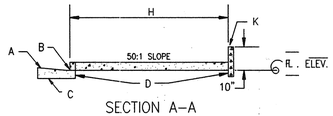
## CONSTRUCTION NOTES:

A. SLOPE OF GUTTER DEPENDENT ON REQUIREMENTS FOR VALLEY GUTTER.
B. 1/4" LIP ABOVE FLOW LINE (VERTICAL). SEE STD. DWG 2415
C. CURB & GUTTER. (SEE STD. DWG 2415 – GUTTER AT THE CURB ACCESS RAMP).
D. 1/2" EXPANSION JOINT.
E. PARALLEL LINES – TOP AND BOTTOM OF RAMP.
F. 12:1 SLOPE AT FACE OF CURB. (SEE STD. DWG 2418)
G. CONTRACTION (DUMMY) JOINT.
H. VARIES WITH AVAILABLE R.O.W.
J. VARIABLE.
K. HEADER CURB, SEE DWG. 2415.
L. BACK OF SIDEWALK.
M. BACK OF SIDEWALK RADIUS TO BE ESTABLISHED SO AS TO MAINTAIN A 5'-0" RAMP WIDTH (MINIMUM) OR MORE THROUGHOUT. SEE STD. DWG 2440 (NOTE 5) IF LESS THAN 5'-0" IS AVAILABLE DUE TO UNTIMELY UNRESOLVABLE CONSTRAINTS.
N. 4 1/2" MAX.
O. 12:1 SLOPE MAXIMUM ON RAMP.
P. ANY PRIVATE LANDSCAPING AND OR IRRIGATION SHALL BE RESTORED TO ORIGINAL CONDITION. SHOULD ANY RIPRIVATE. IMPROVEMENT NEED TO BE REMOVED, OWNER MUST BE NOTIFIED.

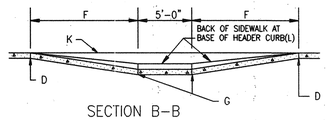
| △ | R. RAD | CURB RAD | R. CURB WIDTH | BACK SW RAD |
|---|---|---|---|---|
| 90° | 25' | 25' | 4' | 25' |
| 90° | 30' | 25' | 4' | 30' |
| 90° | 25' | 30' | 4' | 25' |
| 90° | 30' | 30' | 4' | 30' |



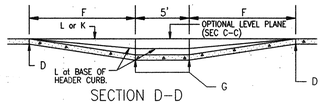

ALTERNATE SECTION A–A



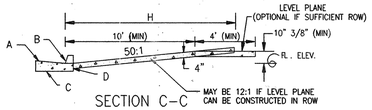

SECTION A–A




SECTION B–B

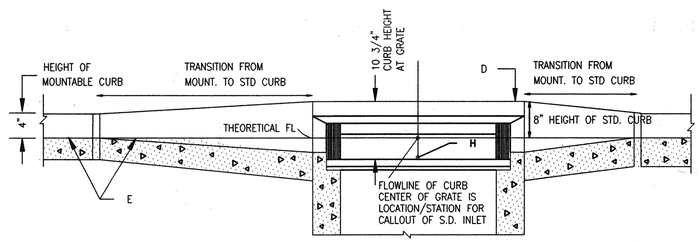



SECTION D–D




SECTION C–C

| REVISIONS | CITY OF ALBUQUERQUE |
|---|---|
| 11/14/91 | PAVING<br>WHEEL CHAIR RAMP<br>DWG. 2441 AUG. 1986 |




LONGITUDINAL SECTION ALONG FLOWLINE

## GENERAL NOTES:

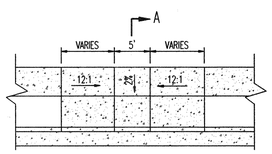
1. DETAILS FOR PLACING CATCH BASINS. STANDARD CURB AND GUTTER.

## CONSTRUCTION NOTES:

A. STANDARD CURB AND GUTTER.
B. STRAIGHT GRADE.
C. EXPANSION JOINT.
D. TOP OF CURB.
E. FLOWLINE.
F. FOR FRAME & GRATE SEE DWG. 2216, 2220 & 2221.
G. DIRECTION OF FLOW.
H. POINT OF MEASURMENT FOR TOP OF GRATE ELEVATION.
J. PROVIDE 5 FEET TRANSITION EACH SIDE OF CATCH BASIN, WHEN INSTALLING AT SAG POINT IN INSTALLATIONS OTHER THAN AT CURB RETURN.

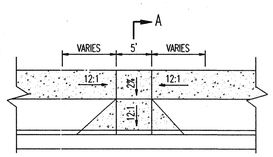
| REVISIONS | CITY OF ALBUQUERQUE |
|---|---|
| | DRAINAGE<br>STORM INLET<br>GUTTER TRANSITION<br>REV. DWG. 2207 AUG. 1986 |

SCANNED BY MESA REPRO



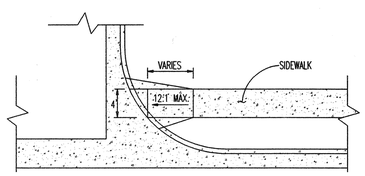

CASE III WHEEL CHAIR RAMP

NOT TO SCALE



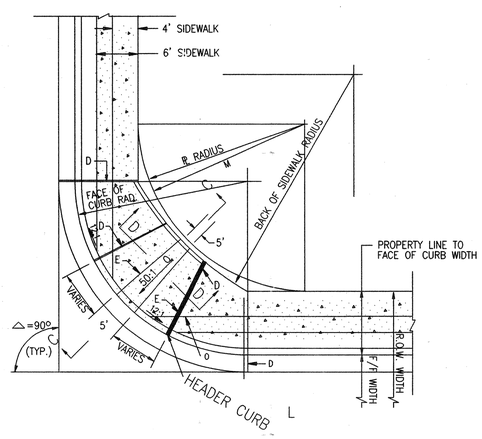

CASE IV WHEEL CHAIR RAMP

NOT TO SCALE




CASE VI WHEEL CHAIR RAMP

NOT TO SCALE




CASE V WHEEL CHAIR RAMP

NOT TO SCALE

AS-BUILT INFORMATION

| | | |
|---|---|---|
| CONTRACTOR | CM | DATE 11/93 |
| WORK INSPECTOR'S ACCEPTANCE BY | CSI | DATE 11 |
| DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXED TO TOP OF CONCRETE | CSI | DATE 11 |
| CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, E-149" | CSI | DATE 11 |
| ELEVATION=5174.047 | CSI | DATE 11 |
| MICRO-FILM INFORMATION | | |
| RECORDED BY | | DATE |
| NO. | | |

BENCH MARKS

STATION IS ACS MONUMENT "E-149" (LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, E-149" ELEVATION=5174.047

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | | |

REVISIONS

DESIGN

Designed By: EES DATE: 3-99
Drawn By: JAJ DATE: 3-99
Checked By: RLB DATE: 3-99

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

AS-BUILT TIMARRON WEST UNITS 2
GENERAL PLAN DETAILS

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED 20 DESIGN REVIEW COMMITTEE | APPROVED MAY 20 1999 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 612781 | M-8 | 21 | 24 |

# CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24HOUR PER DAY BASIS UNTIL COMPLETED. 1

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 2 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
    1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
    2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
    3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

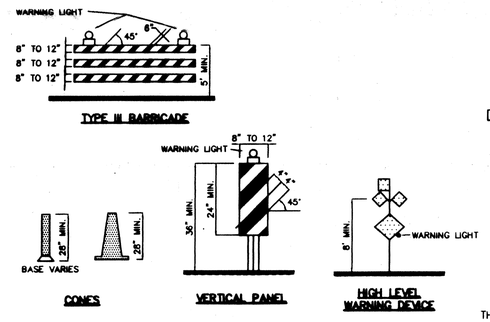
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGTH AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D. 3

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY. 4

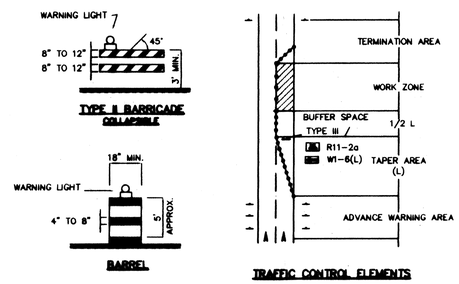





## LEGEND

- WORK AREA
- BARRICADE – TYPE I, TYPE II, OR BARREL
- BARRICADE – TYPE III
- X VERTICAL PANEL
- WARNING SIGN
- D DISTANCE BETWEEN SIGNS – A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- S SPACING BETWEEN BARRICADES– A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- L TAPER LENGTH – SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.




## TAPER REQUIREMENTS

| SPEED LIMIT (MPH) | TAPER LENGTH (L) (FEET) | | | MINIMUM NUMBER OF DEVICES FOR TAPER | MAXIMUM DEVICE SPACING IN FEET | |
|---|---|---|---|---|---|---|
| | 10' LANE | 11' LANE | 12' LANE | | ALONG TAPER | AFTER TAPER |
| 20 | 70 | 75 | 80 | 5 | 20 | 20 |
| 25 | 105 | 115 | 125 | 6 | 25 | 25 |
| 30 | 150 | 165 | 180 | 7 | 30 | 30 |
| 35 | 205 | 225 | 245 | 8 | 35 | 35 |
| 40 | 270 | 295 | 320 | 9 | 40 | 40 |
| 45 | 450 | 495 | 540 | 13 | 45 | 45 |
| 50 | 500 | 550 | 600 | 13 | 50 | 50 |
| 55 | 550 | 605 | 660 | 13 | 55 | 55 |

## RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

| SPEED MILES PER HOUR | MINIMUM DISTANCE IN FEET BETWEEN SIGNS | FROM LAST SIGN TO TAPER |
|---|---|---|
| 0-20 | 10 X SPEED LIMIT | 10 X SPEED LIMIT |
| 25-30 | 10 X SPEED LIMIT | 10 X SPEED LIMIT |
| 30-35 | 10 X SPEED LIMIT | 10 X SPEED LIMIT |
| 40-45 | 10 X SPEED LIMIT | 10 X SPEED LIMIT |
| 50-60 | 10 X SPEED LIMIT | 10 X SPEED LIMIT |

### TAPER CRITERIA

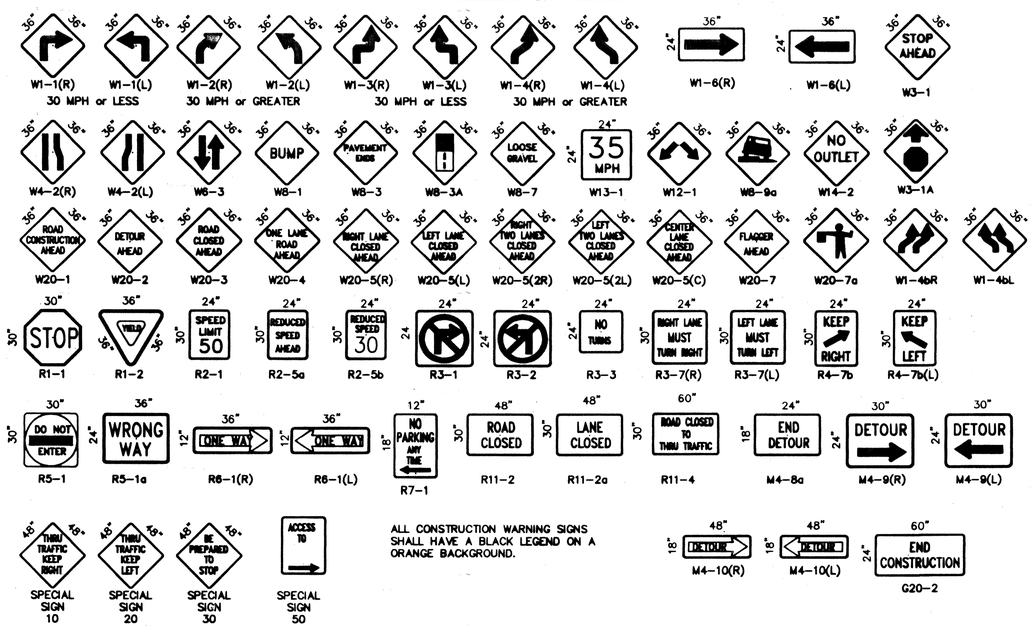
| TYPE OF TAPER | TAPER LENGTH |
|---|---|
| UPSTREAM TAPER: | |
| MERGING TAPER | L MINIMUM |
| SHIFTING TAPER | 1/2 L MINIMUM |
| SHOULDER TAPER | 1/2 L MINIMUM |
| TWO-WAY TRAFFIC TAPER | 100 FEET MAXIMUM |
| DOWNSTREAM TAPERS | 100 FEET PER LANE |

### TAPER LENGTH COMPUTATION

| SPEED LIMIT | |
|---|---|
| 40 MPH OR LESS | $L = \frac{WS^2}{60}$ |
| 45 MPH OR GREATER | $L = W \times S$ |

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

## SIGN FACE DETAILS




ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 4 | 9/25/97 | ADD NOTE NO. 27 | J.D.L. |
| 3 | 9/24/97 | REVISED NOTE NO. 26 | J.D.L. |
| 2 | 9/24/97 | REVISED NOTE NO. 19 | J.D.L. |
| 1 | 9/24/97 | REVISED NOTE NO. 11 | J.D.L. |

REVISIONS

DESIGN
DESIGNED BY — DATE
DRAWN BY C.O.A. STANDARDS — DATE
CHECKED BY — DATE

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR BY — DATE
VERIFICATION BY — DATE
DRAWINGS BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

BENCH MARKS

ENGINEER'S SEAL

**AS-BUILT**

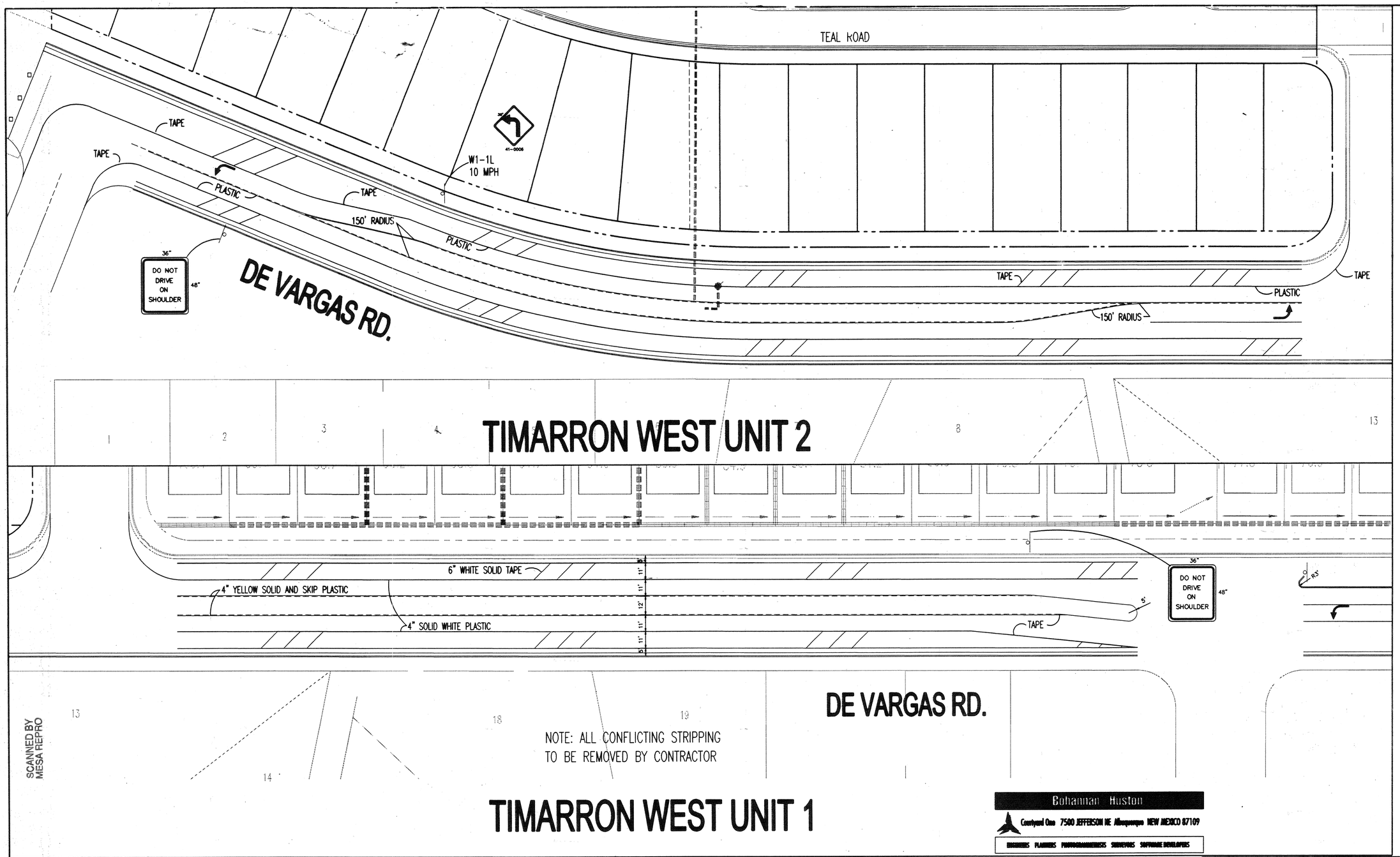
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:
**SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS**

DESIGN REVIEW COMMITTEE — APPROVED — DESIGN REVIEW COMMITTEE
CITY ENGINEER — APPROVED — CITY ENGINEER
LAST UPDATE — MO./DAY/YR. — MO./DAY/YR.

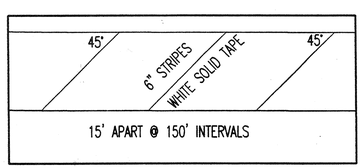
PROJECT NO. | MAP NO. M-8 | SHEET 23 OF 24

CTCSTND1.DWG

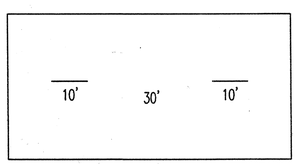



SCANNED BY MESA REPRO

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS




BIKE LANE STRIPES




SKIP PATTERN

0 15 30 60
1"=30'

N

## AS-BUILT INFORMATION

| | | |
|---|---|---|
| CONTRACTOR | CSI | DATE 1-99 |
| STAKED BY | CSI | DATE 11 |
| PAVEMENT/CURB INSPECTOR BY | CSI | DATE 11 |
| FIELD INSPECTOR BY | CSI | DATE 11 |
| CONTRACTOR BY | CSI | DATE 11 |
| CORRECTED BY | | DATE |

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

## BENCH MARKS

STATION IS ACS MONUMENT "A-10" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MONTE DRIVE SW, EXPOSED TO TOP OF CONCRETE.
CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS, BM, A-10"
ELEVATION=5174.047

## SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

## ENGINEER'S SEAL

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 10000 RICHARD THE BELTRAMO

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

Designed By: EES DATE: 4/99
Drawn By: JAJ DATE: 4/99
Checked By: RLB DATE: 4/99

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

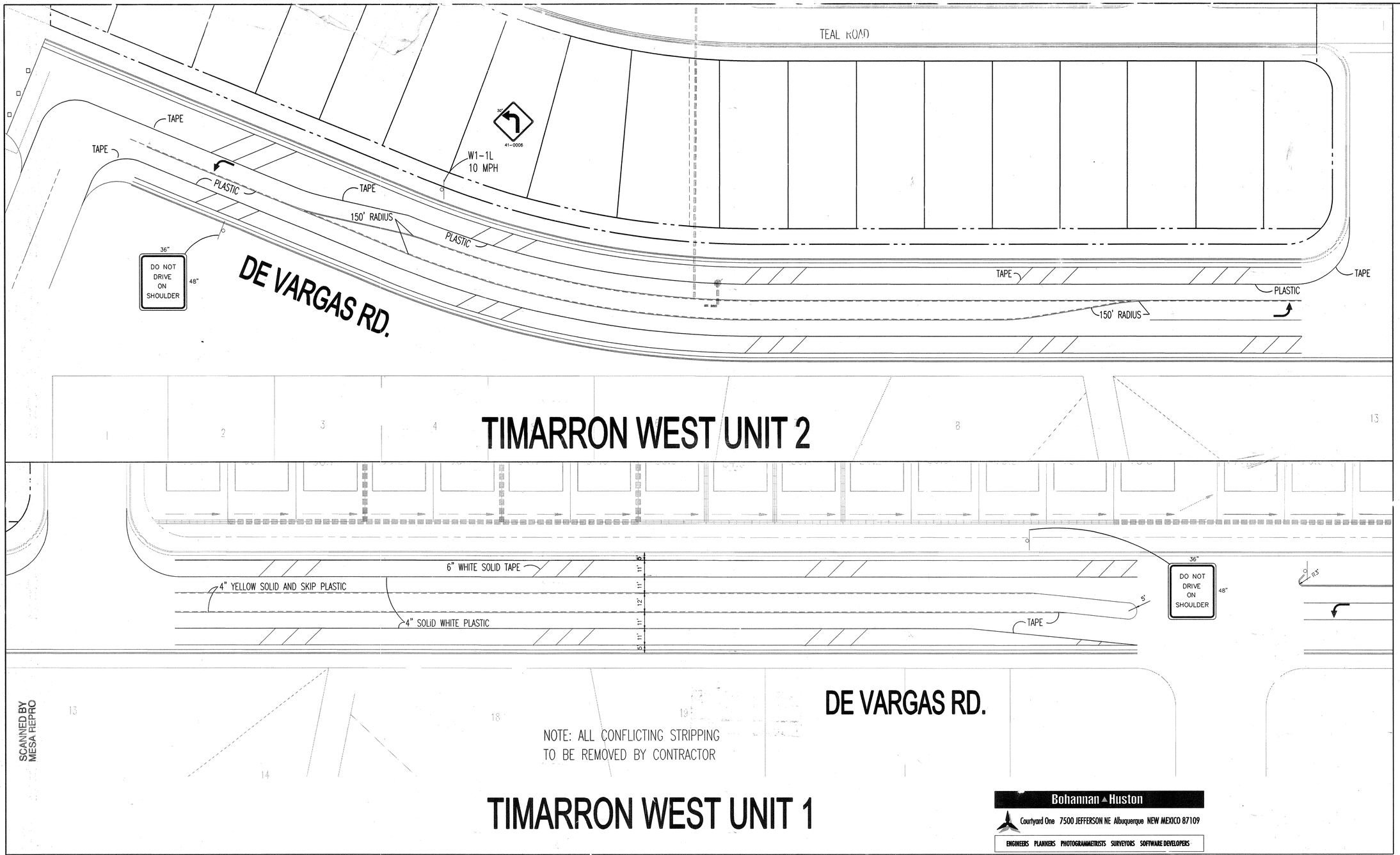
**AS-BUILT** TIMARRON WEST UNIT 2
DE VARGAS STRIPING PLAN

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED MAY 20 1999 DESIGN REVIEW COMMITTEE | APPROVED MAY 20 1999 CITY ENGINEER | | | |

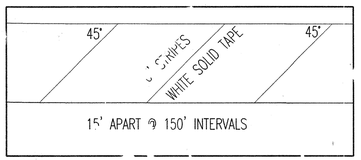
City Project No. 612781 | Zone Map No. LC/M8 | Sheet 24 Of 24

BHI-MAIN:[99395.CDP.GENERAL]DEVARGAS STRIPING.DWG

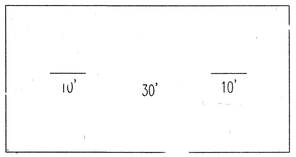
BHI JOB NO. 99395




SCANNED BY
MESA REPRO




BIKE LANE STRIPES




SKIP PATTERN

0 15 30 60
1"=30'

N

**Bohannan ▲ Huston**

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION

| | | DATE |
|---|---|---|
| CONTRACTOR | | |
| WORK STAKED BY | | DATE |
| INSPECTOR'S ACCEPTANCE BY | | DATE |
| FIELD VERIFICATION BY | | DATE |
| DRAWINGS CORRECTED BY | | DATE |

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

STATION IS ACS MONUMENT "5-M9" LOCATED AT THE ESE QUADRANT OF DE VARGAS ROAD AND DEL MASTRO DRIVE SW, EPOXIED TO TOP OF CONCRETE CURB DESCRIPTION: ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 6-M9" ELEVATION=5174.047

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

RICHARD LYNN BELTRAMO
NEW MEXICO
10986
REGISTERED PROFESSIONAL ENGINEER

| No. | Date | REMARKS | By |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

Designed By: EES DATE: 4/99
Drawn By: JAJ DATE: 4/99
Checked By: RLB DATE: 4/99

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

**AS-BUILT**

TIMARRON WEST UNIT 2
DE VARGAS STRIPING PLAN

Design Review Committee: APPROVED MAY 20 2000 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED MAY 2 0 2000 CITY ENGINEER

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 612781 | Zone Map No. 24A

BHI-PATH:[99395.CDP.GENERAL]DEVARGAS STRIPING.DWG

BHI JOB NO. 99395