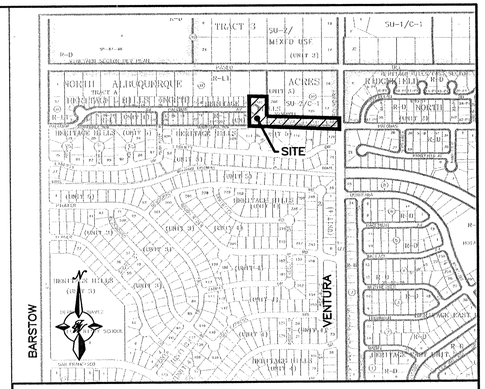
# CONSTRUCTION PLANS
FOR
# NORTH HERITAGE HILLS PHASE III

## UTILITY & PAVING IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
JUNE 2003

SCANNED BY MESA REPRO




VICINITY MAP ZONE ATLAS: D-20-Z

SCALE NONE

NOTICE 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 (UPDATE #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. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.

4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

5. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS 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 (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.

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

7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNERS EXPENSE.

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

10. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

**CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS**

I, Ronald R. Bohannan, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Larry Medrano of Precision Surveys., NMPS # 11995.

Engineer's Seal & Signature

9/16/03

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE 11/3/05

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

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

INDEX TO DRAWINGS


1. TITLE SHEET
2. PLAT
3. GRADING AND DRAINAGE PLAN
3A. CHANNEL IMPROVEMENT DETAILS
4. PAVING IMPROVEMENTS
   PALOMAR ROAD STA:10+00.00 TO 11+71.53
5. MASTER UTILITY PLAN
6. UTILITY IMPROVEMENTS
   PALOMAR ROAD STA:10+00.00 TO 11+71.53/OFFSITE WATERLINE STA: 10+00.00 TO 18+00.86
7. SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
8. TYPICAL TRAFFIC CONTROL AND SIGNING EXAMPLES (REF. M.U.T.C.D.)


FIRE MARSHALL APPROVAL 9.16.03

Michael Holton 9-16-03
SOLID WASTE APPROVAL

DRB# 1001374

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6085.82 0105

ALL ELEVATIONS ARE IN NGVD 29

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

| ENGINEERS STAMP & SIGNATURE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|
| | DRC Chairman | | 10-2-03 |
| | Transportation | | 10/01/03 |
| | Water/Wastewater | | 9/05/03 |
| | Hydrology | | 10-6-03 |
| | C.I.P | | |
| | Constr. Coord. | | 10-7-03 |

APPROVED FOR CONSTRUCTION

10/27/03
City Engineer Date

CITY PROJECT NO. 6085.82

SHEET 1 OF 8

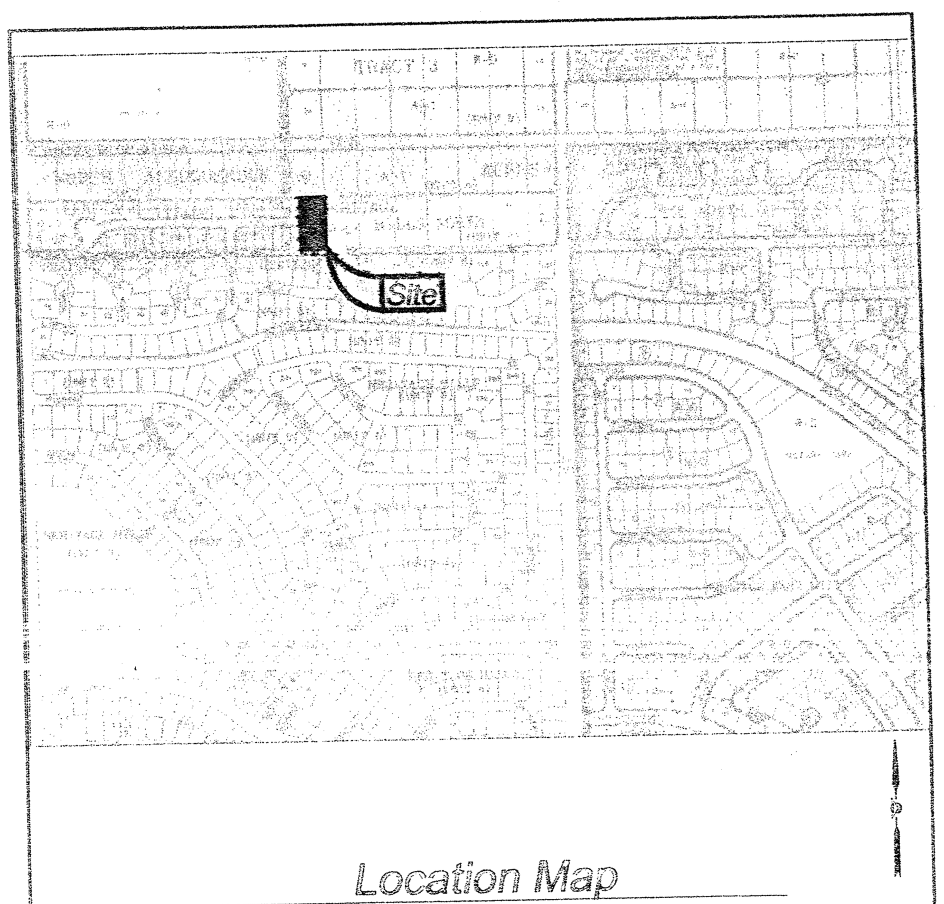
SCANNED BY
MESA REPRO

RECORDING STAMP

Plat of

# Lots 38, 39, 40, 59, 60 and 61 Heritage Hills North Unit II

Albuquerque, Bernalillo County, New Mexico
April 2003




Location Map
Zone Atlas Map No. D-20-Z

## Legal Description

A TRACT OF LAND COMPRISING OF LOT 21A-1, HERITAGE HILLS NORTH, UNIT II, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON OCTOBER 19, 2001 IN VOLUME 2001C, FOLIO 282, LYING AND SITUATE WITHIN THE ELENA GALLEGOS GRANT, PROJECTED SECTION 20, TOWNSHIP 11 NORTH, RANGE 4 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, SAID TRACT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF SAID TRACT, ALSO BEING THE NORTHEAST CORNER OF LOT 37 OF HERITAGE HILLS NORTH UNIT II, MARKED BY A SET REBAR WITH CAP "PS 11993", FROM WHENCE A TIE TO NGS MONUMENT "HEAVEN" BEARS N 87°23'20" W, A DISTANCE OF 4,970.01 FEET;

THENCE FROM SAID BEGINNING POINT, S 89°40'27" E, A DISTANCE OF 160.17 FEET TO THE NORTHEAST CORNER OF SAID TRACT, BEING THE NORTHEAST CORNER OF SAID LOT 21A-A, MARKED BY A SET REBAR WITH CAP "PS 11993";

THENCE S 00°09'48" W, A DISTANCE OF 258.89 FEET TO A POINT LYING ON THE NORTH LINE OF TRACT B, HERITAGE HILLS NORTH UNIT 1 MARKED BY A SET REBAR WITH CAP "PS 11993";

THENCE N 89°39'44" W ALONG SAID NORTH LINE, A DISTANCE OF 157.91 FEET TO THE SOUTHWEST CORNER OF SAID TRACT; MARKED BY A SET REBAR WITH CAP "PS 11993".

THENCE LEAVING SAID NORTH LINE, N 00°19'34" E, A DISTANCE OF 117.85 FEET TO AN ANGLE POINT LYING ON THE SOUTH RIGHT OF WAY LINE OF PALOMAR AVENUE, NE MARKED BY A SET REBAR WITH CAP "PS 11993".

THENCE N 03°24'19" W, A DISTANCE OF 46.10 FEET TO A POINT LYING ON THE NORTH RIGHT OF WAY LINE OF PALOMAR AVENUE, NE, MARKED BY A SET REBAR WITH CAP "PS 11993".

THENCE N 00°19'34" E, A DISTANCE OF 95.00 FEET TO THE POINT OF BEGINNING CONTAINING 0.9444 ACRES MORE OR LESS, NOW COMPRISING OF LOTS 38, 39, 40, 59, 60 AND 61 HERITAGE HILLS NORTH UNIT II.

## Subdivision Data:

GROSS SUBDIVISION ACREAGE: 0.9444 ACRES±
ZONE ATLAS INDEX NO: D-20-Z
NO. OF TRACTS CREATED: 0
NO. OF LOTS CREATED: 6
MILES OF FULL-WIDTH STREETS CREATED: 0.0263 MILE
DATE OF SURVEY: MAY 25, 2001
MISC. DATA: ZONING R-LT

## Notes:

1. BEARINGS ARE N.M. STATE PLANE GRID BEARINGS (CENTRAL ZONE - NAD 1927).
2. DISTANCES ARE GROUND DISTANCES.
3. BASIS OF BEARING TAKEN BETWEEN ACS MONUMENTS "2-D20-A" AND "HEAVEN".
4. THIS PROPERTY LIES WITHIN PROJECTED SECTION 20, TOWNSHIP 11 NORTH, RANGE 4 EAST, N.M.P.M., ELENA GALLEGOS GRANT, BERNALILLO COUNTY, NEW MEXICO.
5. THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE LOT 21A-1, BLOCK 31, NORTH ALBUQUERQUE ACRES, TRACT A, UNIT A, INTO SIX NEW LOTS TO GRANT PUBLIC UTILITY EASEMENTS TO VACATE RIGHT OF WAY AND TO DEDICATE RIGHT OF WAY.
6. PLAT SHOWS ALL EASEMENTS OF RECORD.
7. MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS AND ALL OTHER ANGLE POINTS TO ALLOW USE OF CENTERLINE MONUMENTATION.
8. "CITY OF ALBUQUERQUE WATER AND SANITARY SEWER SERVICE TO HERITAGE HILLS NORTH UNIT II MUST BE VERIFIED AND COORDINATED WITH THE PUBLIC WORKS DEPARTMENT, CITY OF ALBUQUERQUE."
9. SP NO. 2003171466
10. EXISTING TRACT B IS A PUBLIC DRAINAGE R.O.W. FOR THE BENEFIT OF THE HERITAGE HILLS NORTH HOMEOWNERS ASSOCIATION, TO BE MAINTAINED BY SAME.

## Easements

THIS PLAT SHOWS EXISTING RECORDED AND APPARENT EASEMENTS AS NOTED.

PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

1. PNM ELECTRIC SERVICES FOR INSTALLATION, MAINTENANCE, AND SERVICE OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES, COMMUNICATION FACILITIES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.
2. PNM GAS SERVICES FOR INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS.
3. QWEST CORPORATION FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED AND AERIAL COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.
4. COMCAST CABLE FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH 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 (ABOVEGROUND 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 WITHIN OR NEAR EASEMENTS SHOWN ON THIS PLAT.

IN APPROVING THIS PLAT, PNM ELECTRIC SERVICES AND GAS SERVICES (PNM) DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES HEREON. CONSEQUENTLY, PNM DOES NOT WAIVE NOR RELEASE ANY EASEMENT OR EASEMENT RIGHTS TO WHICH IT MAY BE ENTITLED.

## Free Consent and Dedication

THE REPLAT SHOWN HEREON IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER AND/OR PROPRIETOR. EXISTING 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, CONDUITS, AND PIPES FOR UNDERGROUND UTILITIES WHERE SHOWN OR INDICATED, AND INCLUDING THE RIGHT OF INGRESS AND EGRESS FOR CONSTRUCTION AND MAINTENANCE, AND THE RIGHT TO TRIM INTERFERING TREES AND SHRUBS. SAID OWNER AND/OR PROPRIETOR DOES HEREBY CERTIFY THAT THIS SUBDIVISION IS THEIR FREE ACT AND DEED. SAID OWNER AND/OR PROPRIETOR DOES HEREBY GRANT EASEMENT FOR UTILITIES AS SHOWN HEREON WITH SAME STIPULATIONS AS LISTED ABOVE FOR EXISTING UTILITIES. SAID OWNER AND/OR PROPRIETOR DOES HEREBY DEDICATE ALL STREETS AND PUBLIC RIGHTS OF WAY SHOWN HEREON TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS.

PATRICK J. MC GAVIC, MEMBER — 4-25-03
RIDGEFIELD WEST L.L.C. — DATE

## Acknowledgment

STATE OF NEW MEXICO )
COUNTY OF BERNALILLO)

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 25th DAY OF April, 2003 BY PATRICK J. MC GAVIC, MEMBER RIDGEFIELD WEST L.L.C.

BY ________ NOTARY PUBLIC

OFFICIAL SEAL
JAMIE FIFER
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires: 10.1.03

## Approvals

Application No.

| | DATE |
|---|---|
| CITY PLANNER, ALBUQUERQUE PLANNING DIVISION | 8/13/03 |
| CITY ENGINEER | 8-13-03 |
| A.M.A.F.C.A. | 8-13-03 |
| TRAFFIC ENGINEER | 5/6/03 |
| CITY SURVEYOR N/A | |
| PROPERTY MANAGEMENT | 8/13/03 |
| WATER RESOURCES DEPARTMENT | 8/13/03 |
| PARKS AND RECREATION | 8-4-03 |
| PNM ELECTRIC SERVICES | 8-4-03 |
| PNM GAS SERVICES | 8-4-03 |
| QWEST CORPORATION | 8-4-03 |
| COMCAST CABLE | |

TREASURE'S CERTIFICATE

## Surveyor's Certificate

I, LARRY W. MEDRANO, A REGISTERED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY MEETING THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE CITY OF ALBUQUERQUE SUBDIVISION ORDINANCE AND OF STANDARDS FOR LAND SURVEYS OF THE N.M. BOARD OF LICENSURE FOR ENGINEERS AND SURVEYORS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT NO ENCROACHMENTS EXIST EXCEPT AS NOTED ABOVE AND THAT ALL IMPROVEMENTS ARE SHOWN IN THEIR CORRECT LOCATION RELATIVE TO RECORD BOUNDARIES AS LOCATED BY THIS SURVEY.

LARRY W. MEDRANO — 4/23/03
N.M.P.S. No. 11993 — DATE

LARRY W. MEDRANO, NEW MEXICO, 11993, REGISTERED PROFESSIONAL SURVEYOR


PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900


Project No.

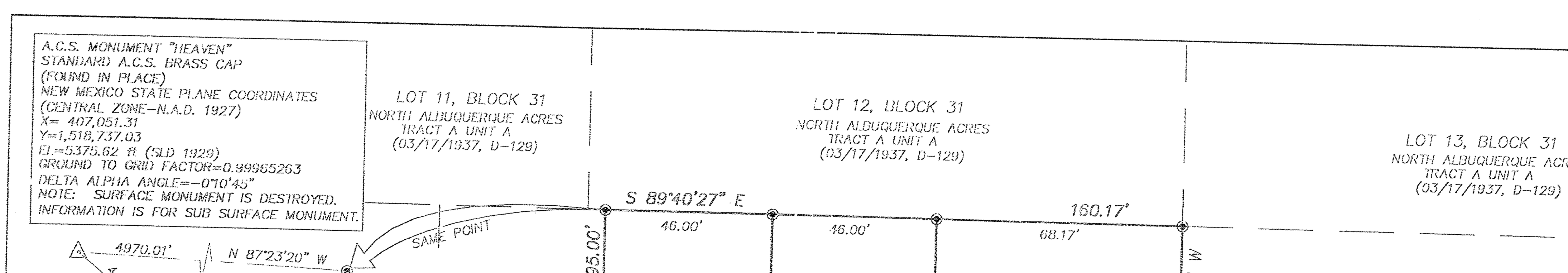
Sheet 1 of 2

035328P

Plat of

# Lots 38, 39, 40, 59, 60 and 61 Heritage Hills North Unit II

Albuquerque, Bernalillo County, New Mexico
April 2003




LEGEND:

- ○ POINT FOUND AND USED AS SHOWN
- ◉ POINT SET BY THIS SURVEY - REBAR WITH CAP "PS 11993"

LINE TABLE

| LINE | LENGTH | BEARING |
|---|---|---|
| L1 | 5.56 | N 00°15'56" E |

CURVE TABLE

| CURVE | RADIUS | LENGTH | DELTA | TANGENT | CHORD | DISTANCE |
|---|---|---|---|---|---|---|
| C1 | 10.00' | 15.70' | 89°56'22" | 9.99' | N 44°42'15" W | 14.13' |
| C2 | 10.00' | 15.72' | 90°03'38" | 10.01' | N 45°17'45" E | 14.15' |

NOTES:

1. A BLANKET PRIVATE ACCESS AND TEMPORARY DRAINAGE EASEMENT FOR LOTS 21A-1, 20A, 19A AND 18A FURTHER DEFINED BY UNIT II PLATTING IS GRANTED BY THIS PLAT. THIS EASEMENT IS FOR THE BENEFIT OF AND TO BE MAINTAINED BY THE OWNERS OF EXISTING NORTH ALBUQUERQUE ACRES LOTS 21A-1, 20A, 19A AND 18A, BLOCK 31, TRACT A, UNIT A SHOWN HEREON.
2. △ 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 STANDARD FOUR-INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "SURVEY MARKER", "DO NOT DISTURB", "PLS 11993".
3. THERE WILL BE NO DIRECT ACCESS FROM PALOMAR TO ~~A COMMERCIAL SITE~~ lot 20A WITH THE EXCEPTION OF PEDESTRIANS, BICYCLES AND EMERGENCY VEHICLES.
4. ------- DENOTES LOT LINE ELIMINATED BY THIS PLAT.


26 6085.82 0205

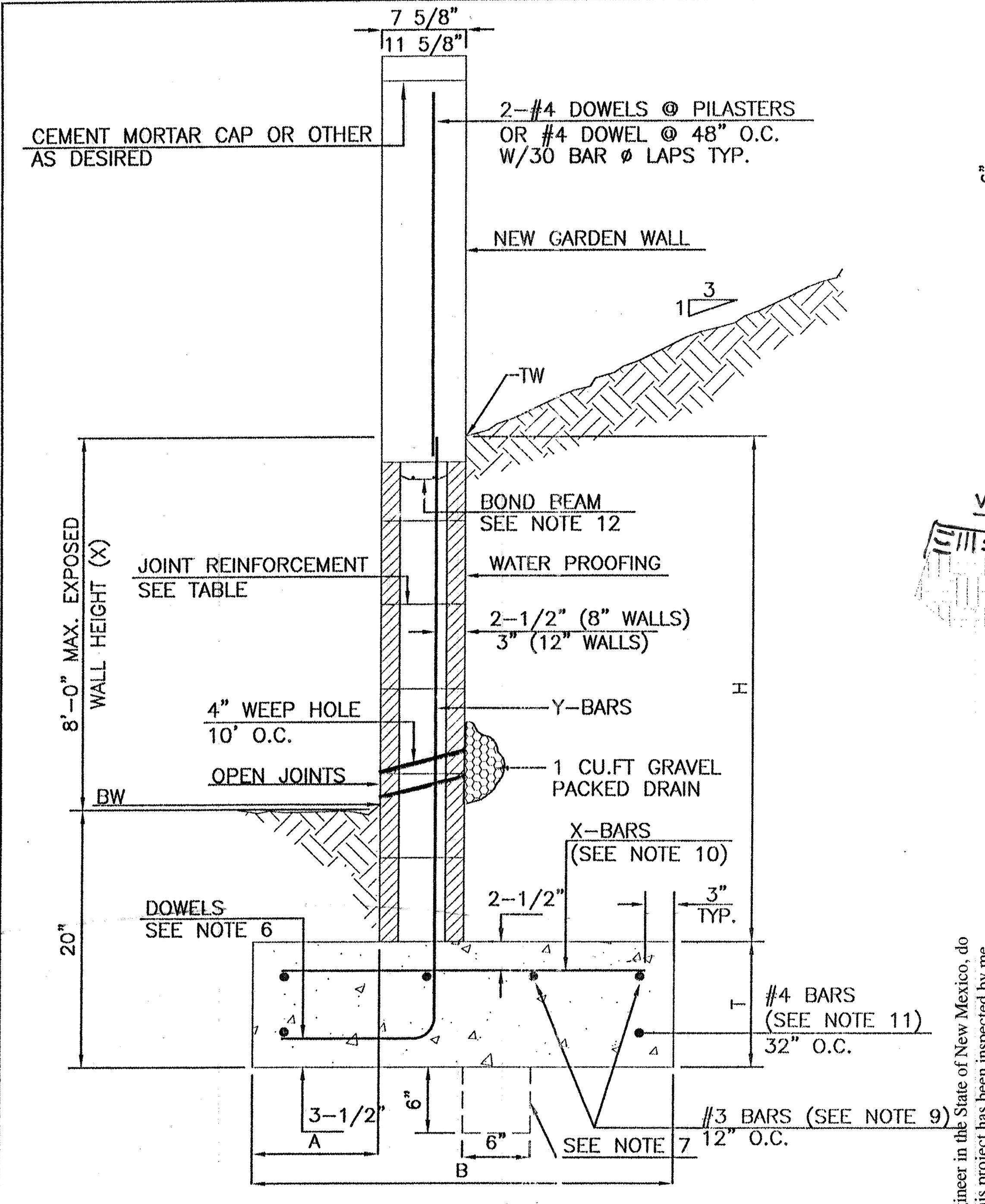


PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900


Sheet 2 of 2

035328P

608582




## RETAINING WALL DETAIL
NTS

8 INCH REINFORCED CONCRETE MASONRY WALL

| H | X | A | B | T | Y-BARS | X-BARS |
|---|---|---|---|---|---|---|
| ft.-in. | ft.-in. | in. | ft.-in. | in. | | |
| 2'-0" | 1'-1" | 8" | 2'-4" | 9" | #3 @32" O.C. | |
| 2'-8" | 1'-9" | 8" | 2'-9" | 9" | #4 @32" O.C. | #3 @27" O.C. |
| 3'-4" | 2'-5" | 8" | 2'-4" | 9" | #3 @32" O.C. | #3 @27" O.C. |
| 4'-0" | 3'-1" | 10" | 2'-9" | 9" | #4 @32" O.C. | #3 @27" O.C. |
| 4'-8" | 3'-10" | 12" | 3'-4" | 10" | #5 @32" O.C. | #3 @27" O.C. |
| 5'-4" | 4'-6" | 14" | 3'-8" | 10" | #4 @16" O.C. | #4 @30" O.C. |
| 6'-0" | 5'-3" | 16" | 4'-2" | 12" | #6 @24" O.C. | #4 @25" O.C. |

12 INCH REINFORCED CONCRETE MASONRY WALL

| H | X | A | B | T | Y-BARS | X-BARS |
|---|---|---|---|---|---|---|
| ft.-in. | ft.-in. | in. | ft.-in. | in. | | |
| 5'-4" | 4'-8" | 14" | 3'-8" | 10" | #4 @24" O.C. | #3 @25" O.C. |
| 6'-0" | 5'-4" | 15" | 4'-2" | 12" | #4 @16" O.C. | #4 @30" O.C. |
| 6'-8" | 6'-0" | 16" | 4'-6" | 12" | #6 @24" O.C. | #4 @22" O.C. |
| 7'-4" | 6'-8" | 18" | 4'-10" | 12" | #5 @16" O.C. | #5 @26" O.C. |
| 8'-0" | 7'-4" | 20" | 5'-4" | 12" | #7 @24" O.C. | #5 @21" O.C. |
| 8'-8" | 8'-0" | 20" | 5'-8" | 12" | #7 @16" O.C. | #5 @21" O.C. |

### GENERAL NOTES:

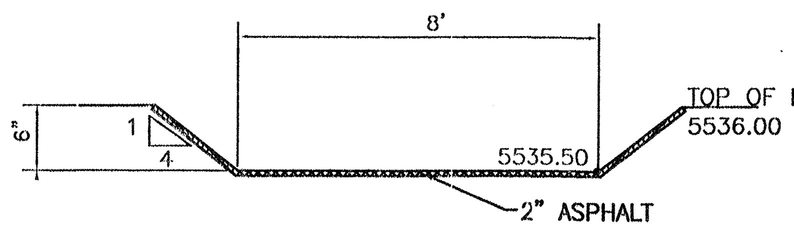
1. ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
2. MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM. D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE ± 2.0%.
3. BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
4. ALL BARS ARE TO BE GRADE 60, ASTM 615.
5. TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
6. DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO Y-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
7. PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0"
8. USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.
9. #3 BARS TO BE USED ON WALLS EXCEEDING 2'-8" HEIGHT
10. X BARS TO BE USED ON WALLS EXCEEDING 2'-8" HEIGHT
11. #4 BARS TO BE USED ON WALLS SMALLER THAN 3'-4"
12. BOND BEAM, 1-#4 BARS FOR WALLS UNDER 3'-4", 2-#4 BARS FOR WALLS UNDER 5'-4", 2-#5 BARS FOR WALLS OVER 5'-4".
13. BOTTOM OF FOOTING IS 20' BELOW THE DESIGNATED BW ELEVATION.

SCANNED BY MESA REPRO

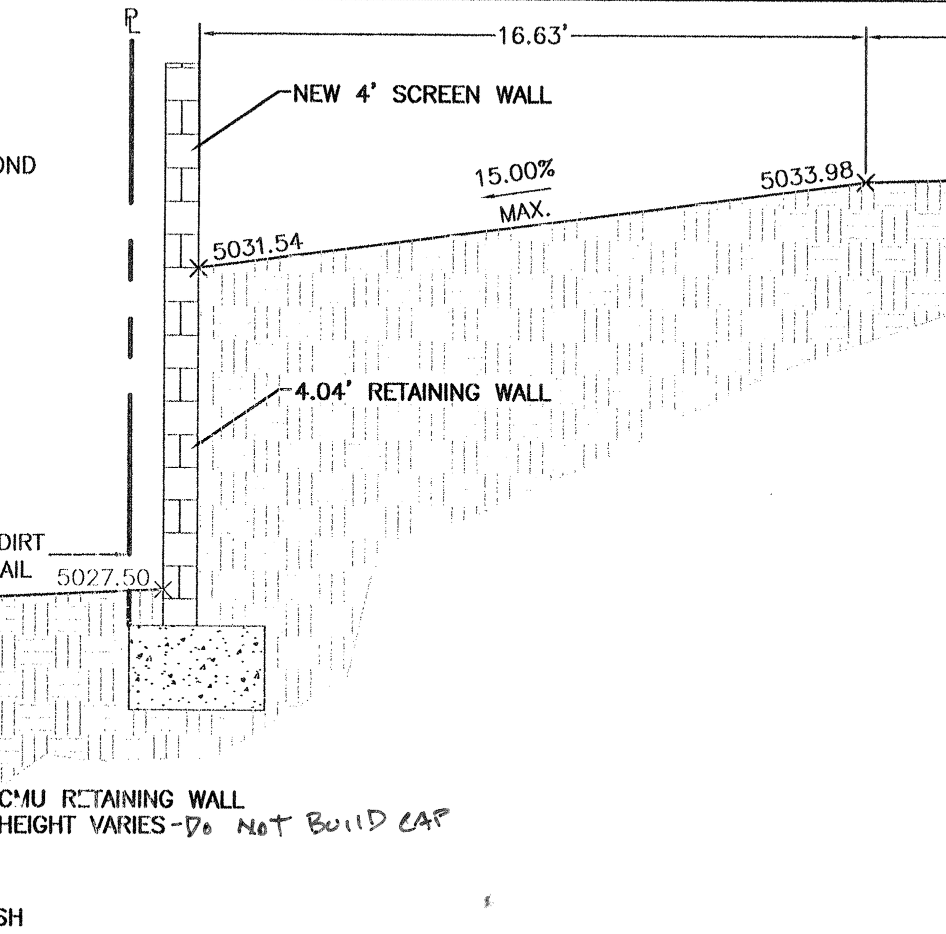
**CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS**

I, Ronald R. Bohannan, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Larry Medrano of Precision Surveys., NMPS # 11995.

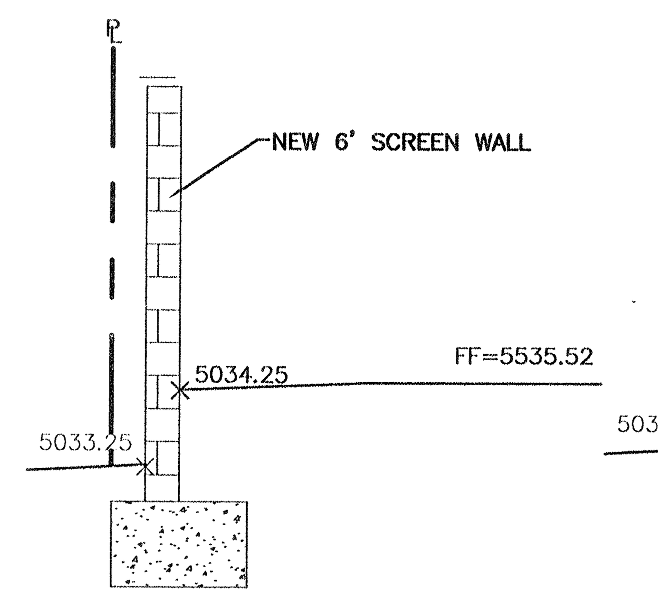
Engineer's Seal & Signature



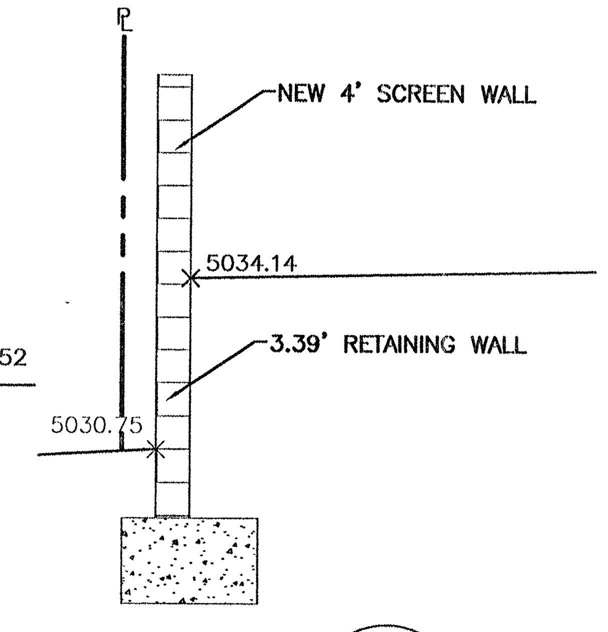

## EMERGENCY SPILLWAY DETAIL
NTS




## SECTION A-A
NTS

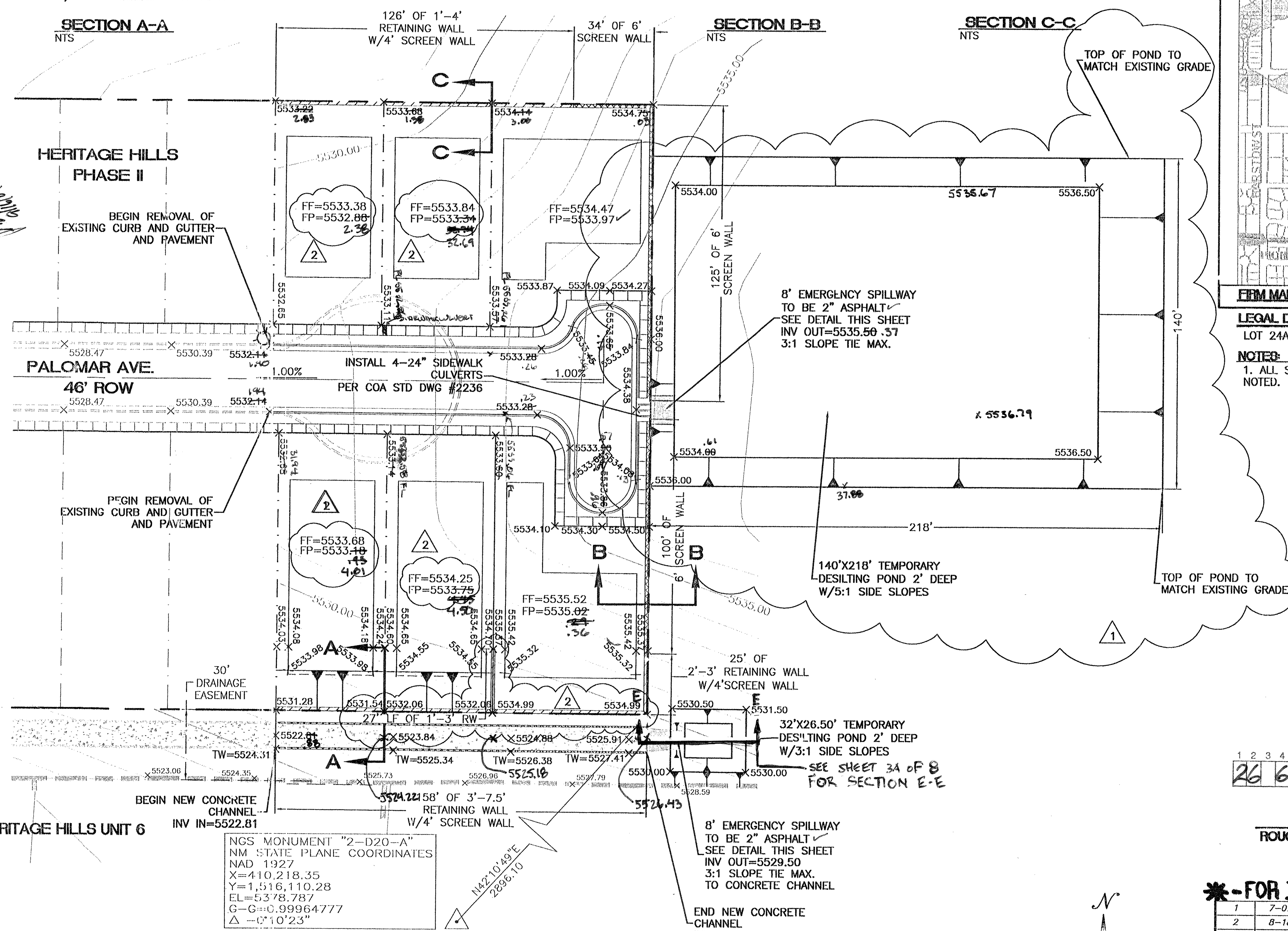


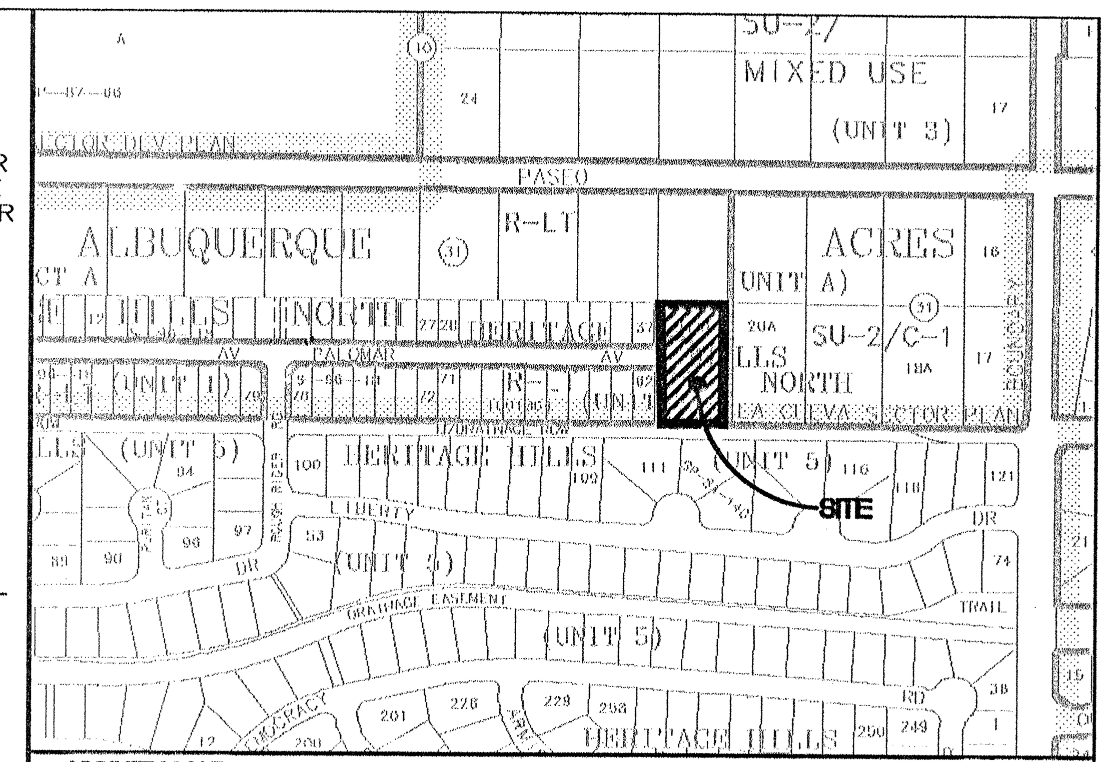

## SECTION B-B
NTS



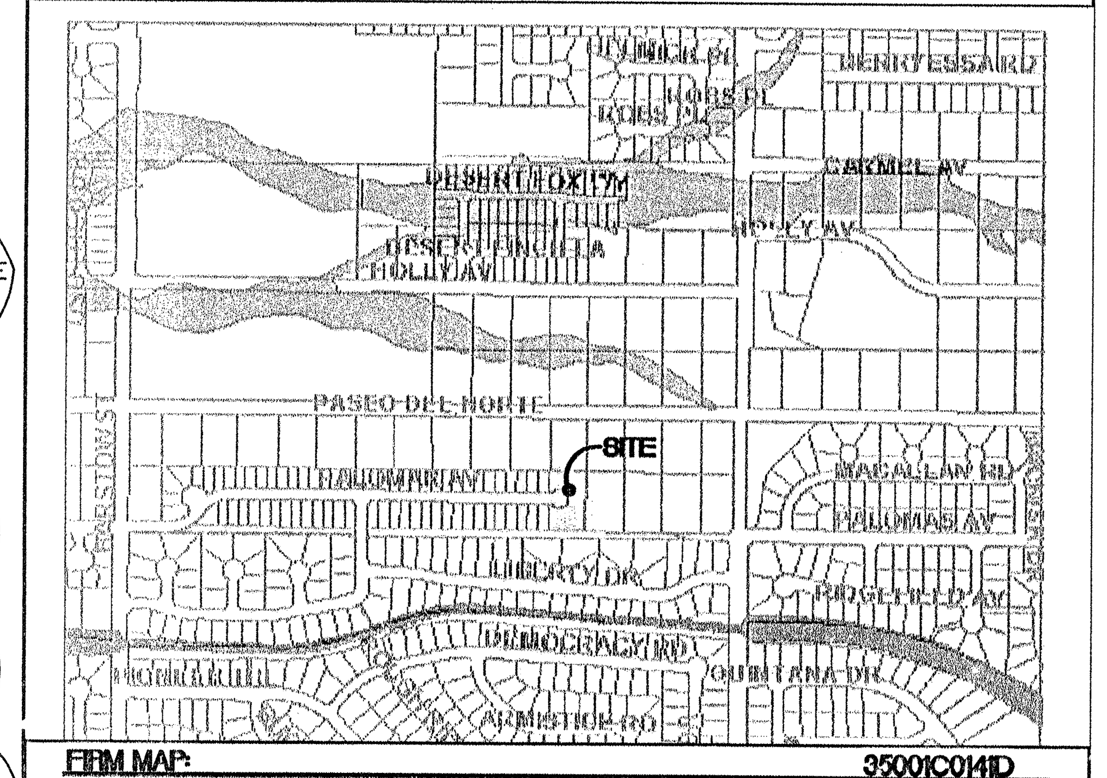

## SECTION C-C
NTS

CAUTION:
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.




VICINITY MAP: D-20-Z




FIRM MAP: 35001C0141D

**LEGAL DESCRIPTION:**
LOT 24A, NORTH HERITAGE HILLS

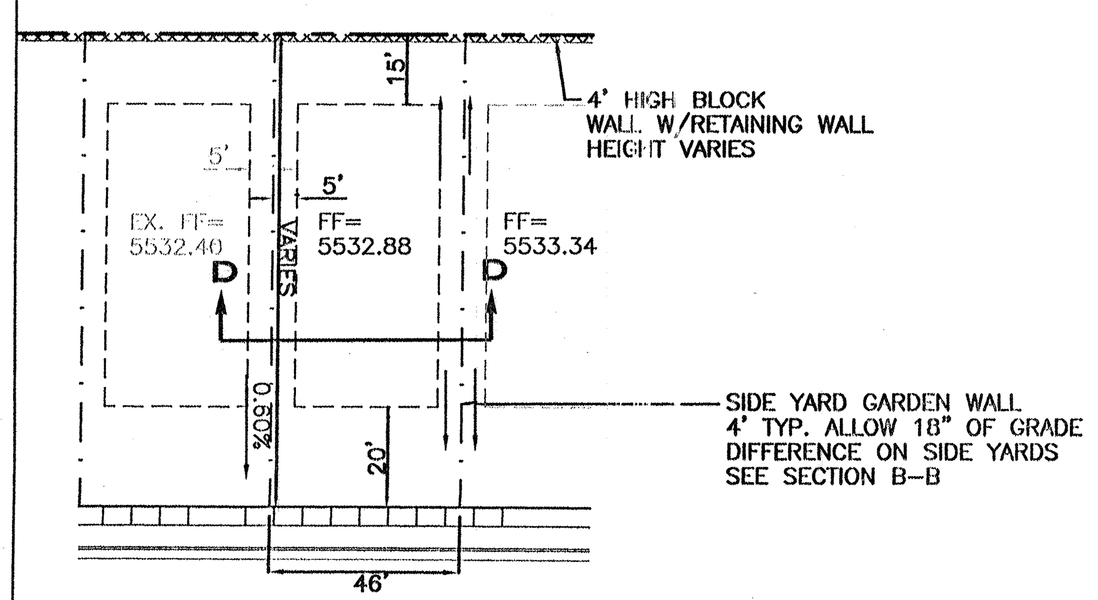
**NOTES:**
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

## LEGEND

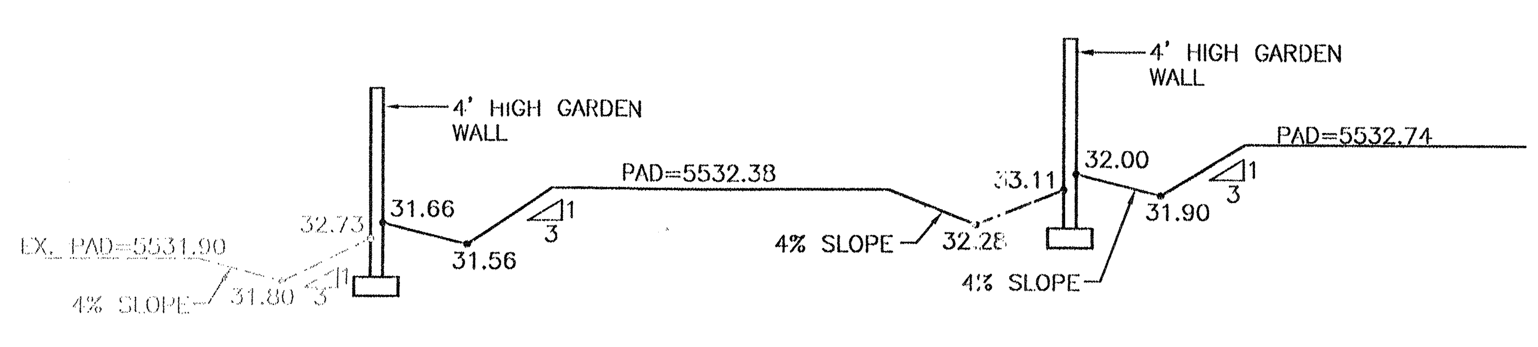
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- PROPOSED SIDEWALK
- EXISTING SIDEWALK
- PROPOSED PERIMETER WALL
- PROPOSED RETAINING WALL
- 5011 EXISTING CONTOUR
- 5010 EXISTING INDEX CONTOUR
- FLOW ARROW
- SLOPE TIE
- ×5048.33 EXISTING SPOT ELEVATION
- × 5048.33 PROPOSED SPOT ELEVATION
- CENTERLINE
- RIGHT-OF-WAY
- LOT LINES
- EXISTING LOT LINES

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6085.82 0305

ROUGH GRADING APPROVAL DATE



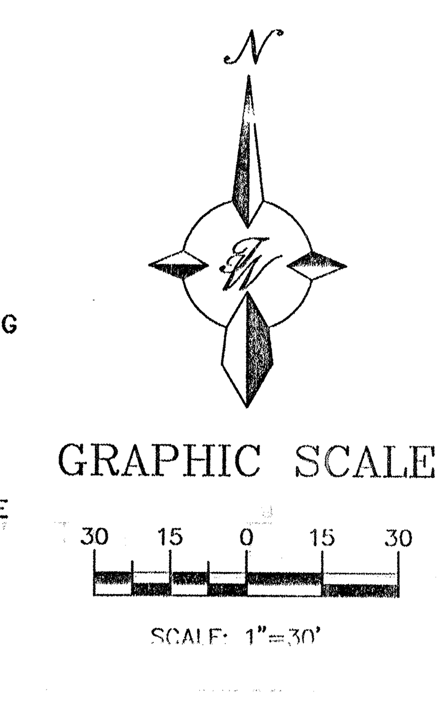

## TYPICAL LOT GRADING
NTS




## SECTION D-D TYPICAL SIDE YARD GRADING
NTS

### EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.




*-FOR INFORMATION ONLY

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 1 | 7-07-03 | INCRESING SIZE OF POND FOR ADDITIONAL DIRT | WCWJ |
| 2 | 8-18-03 | CHANGES TO PAD ELEVATIONS AND BACK OF WALL SPOTS | WCWJ |

REVISIONS

ENGINEER'S SEAL

RONALD R. BOHANNAN

# NORTH HERITAGE HILLS PHASE III

# GRADING AND DRAINAGE PLAN

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

DRAWN BY WCWJ
DATE 4-22-03
9832_PH3_GR.DWG
SHEET # 3 OF 8
JOB # 980032C0#4

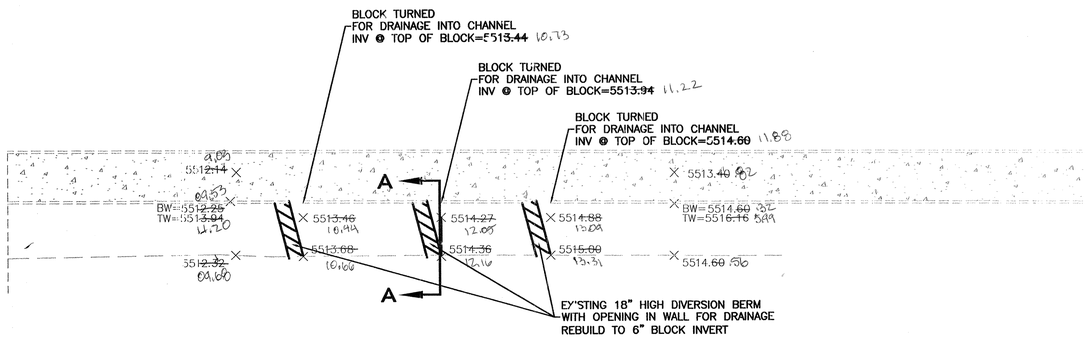
608582

**CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS**

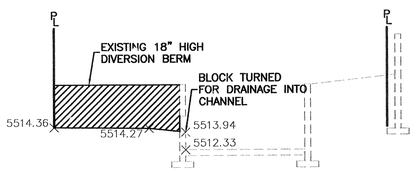
I, Ronald R. Bohannan , of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Larry Medrano of Precision Surveys. , NMPS # 11995.

Engineer's Seal & Signature

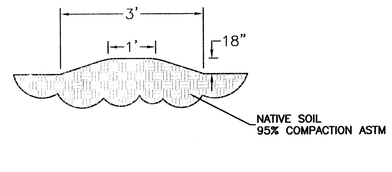
9/19/19



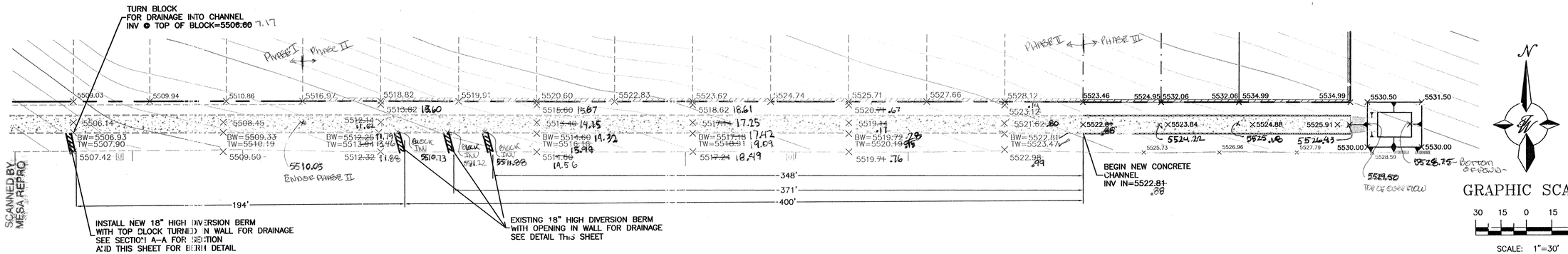

## DIVERSION BERM DETAIL
NTS




## SECTION A-A
NTS




## BERM DETAIL
NTS

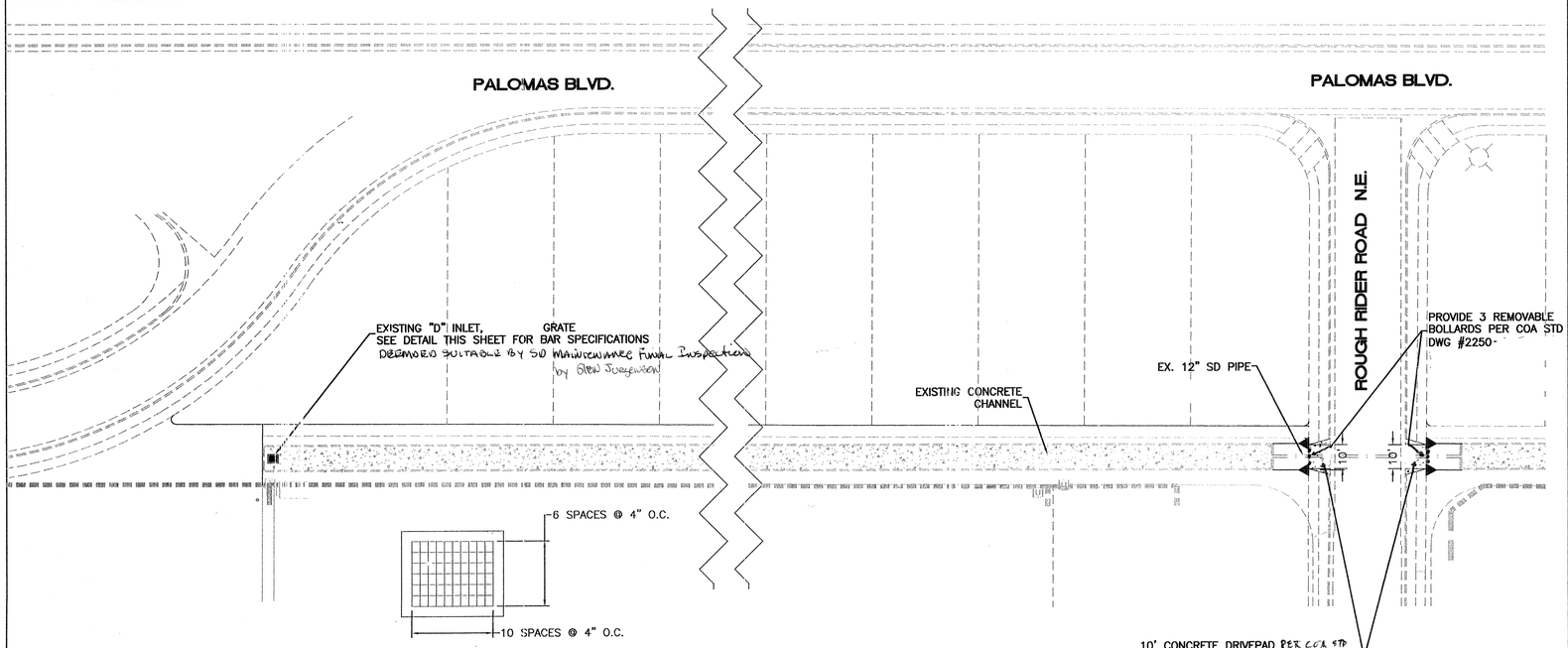



SCANNED BY MESA REPRO

TURNED BLOCK INV: 5507.17

GRAPHIC SCALE
30 15 0 15 30
SCALE: 1"=30'

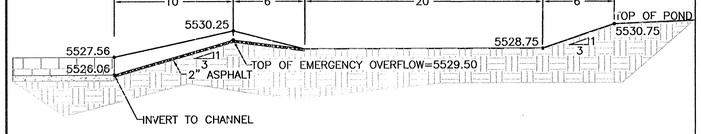
## EXISTING DIVERSION BERM LOCATION AND DETAILS




## GRATE DETAIL
NTS NOTE: REFER TO COA STD DWG #2220 FOR CONSTRUCTION DETAILS

COA STORM MAINTENANCE APPROVAL

## PROPOSED DRIVE CUTS AND RAMPS AT CROSSING




## SECTION E-E
NTS

## DESILTING POND INTO CHANNEL CROSS SECTION (FROM SHEET 3 OF 8)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6085.82 3A05

AS BUILT INFORMATION
CONTRACTOR SALLS BROS. DATE 2/2014
WORK VERIFIED BY PRECISION SURVEYS DATE 2/2014
INSPECTION IS CONT. TRUST WEST DATE 2/2014
FIELD DISTANCES BY CONTIERRA WEST DATE 2/2014
VERIFICATION BY CONTIERRA WEST DATE 2/2014
CORRECTED BY TIERRA WEST DATE 2/2014
MICRO-FILM INFORMATION
RECORDED BY DATE
Ronald R. Bohannan

BENCH MARKS
NGS MONUMENT "2-D20-A"
CENTRAL STATION DATA
NM STATE PLANE COORDINATES
Central Zone
X=410218.35
Y=1516110.28
G-G=0.99954777
D@=-0010'23"
EL=5378.787 NGVD 1929

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
9/19/19

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |
| | | DESIGNED BY: WCWJ | DATE: 8-20-03 |
| | | DRAWN BY: WCWJ | DATE: 8-20-03 |
| | | DRAWN NAME: 9832_PH3_CHN_GR.DWG | JOB NO.: 980032CO#4 |
| | | CHECKED BY: SL | DATE: 8-20-03 |

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **CHANNEL IMPROVEMENT DETAILS**
CHANNEL IMPROVEMENTS

| DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR. |
|---|---|---|---|---|
| | | | | |

| CITY PROJECT NO. | ZONE MAP NO. | SHEET | OF |
|---|---|---|---|
| 6085.82 | D-20-Z | 3A | 8 |

| CURVE TABLE | | | | | |
|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | DELTA ANGLE | CHORD DIRECTION | CHORD |
| C1 | 20.94 | 13.33 | 90°00'00" | N44°39'44"W | 18.85 |
| C2 | 43.98 | 14.00 | 180°00'00" | S89°48'48"E | 28.00 |
| C3 | 39.13 | 14.00 | 160°09'15" | N79°53'25"W | 27.58 |
| C4 | 17.18 | 14.00 | 70°18'19" | N55°11'07"E | 16.12 |

| LINE TABLE | | |
|---|---|---|
| LINE | LENGTH | BEARING |
| L1 | 115.05 | S89°39'44"E |
| L2 | 113.57 | S89°39'44"E |
| L3 | 13.47 | S00°20'16"W |
| L4 | 60.00 | S00°11'12"W |

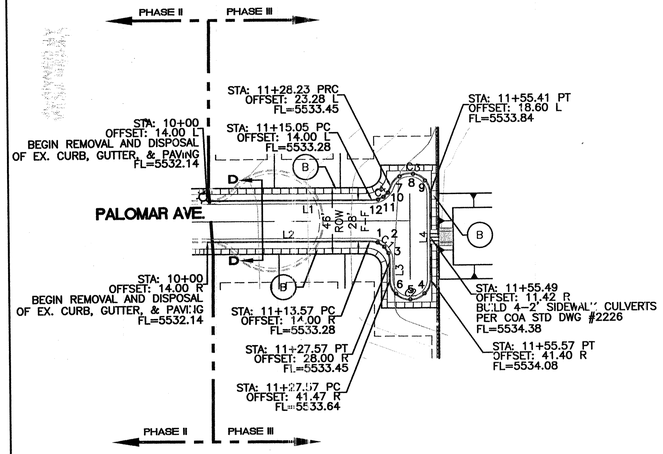
**QUARTER POINTS**

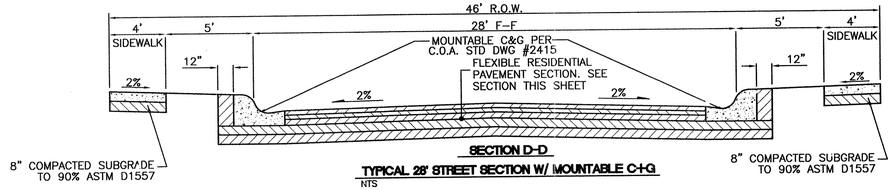
| C1 | FL | ELEV. |
|---|---|---|
| | 1 | 5533.32 |
| | 2 | 5533.37 |
| | 3 | 5533.41 |

| C2 | FL | ELEV. |
|---|---|---|
| | 4 | 5533.97 |
| | 5 | 5533.86 |
| | 6 | 5533.75 |

| C3 | FL | ELEV. |
|---|---|---|
| | 7 | 5533.55 |
| | 8 | 5533.65 |
| | 9 | 5533.74 |

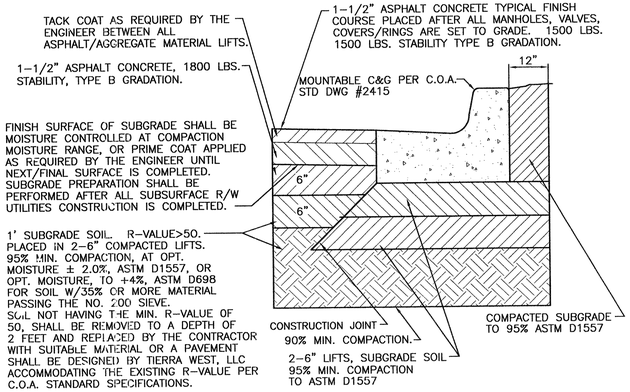
| C4 | FL | ELEV. |
|---|---|---|
| | 10 | 5533.41 |
| | 11 | 5533.37 |
| | 12 | 5533.32 |




**SECTION D-D**

**TYPICAL 28' STREET SECTION W/ MOUNTABLE C-I-G**
NTS




**TYPICAL PAVING SECTION**
NTS PAVING DESIGN PER COA PROJECT #546881

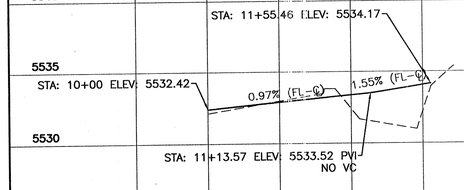
KEYED NOTE:
(B) 4' SIDEWALK TO BE BUILT WITH THIS CONTRACT PER COA STD DWG #2430

NOTE:
1. ALL CURB AND GUTTER ARE TO BE MOUNTABLE PER COA STD DWG #2415

**CAUTION:**
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

**PALOMAR AVENUE PAVING STA: 10+00.00 TO 11+71.53**
**ALL STATIONING BASED UPON CENTERLINE**




AS BUILT INFORMATION
BENCH MARKS
NGS MONUMENT "2-D20-A"
CENTRAL STATION DATA
NM STATE PLANE COORDINATES
Central Zone
X=410,218.35
Y=1,516,110.28
G-G=0.999647777
Δ -0°10'23"
EL=5378.787 NGVD 1929

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

CONTRACTOR SALLS BROS 2003/4
WORK STAKED BY PRECISION SURVEYS DATE 2003/4
ASBUILT ACCEPTANCE BY COA/TIERRA WEST DATE 2003/4
FIELD VERIFICATION BY COA/TIERRA WEST DATE 2003/4
DRAWINGS CORRECTED BY TIERRA WEST DATE 2003/4
MICRO-FILM INFORMATION
RECORDED BY DATE

ENGINEER'S SEAL
9/5/03

REVISIONS
NO. DATE REMARKS BY

DESIGN
DESIGNED BY: WCWJ DATE: 5-14-03
DRAWN BY: WCWJ DATE: 5-14-03
DRAWN NAME: 9832_PH3_PP_PAV.DWG DATE: 5-14-03
CHECKED BY: SL

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

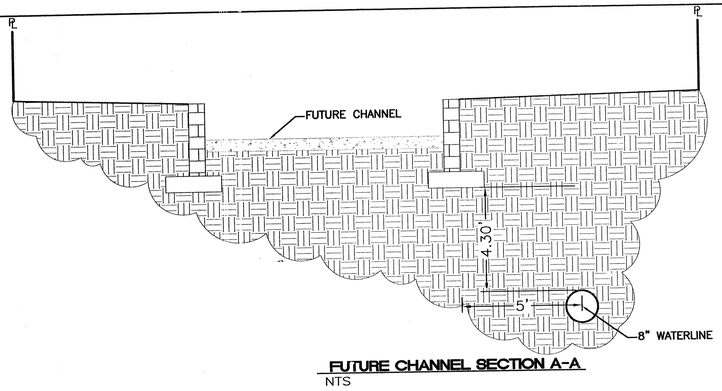
TITLE: **NORTH HERITAGE HILLS PHASE III**
PAVING IMPROVEMENTS
PALOMAR AVENUE STA: 10+00.00 TO 11+71.53

| DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR. |
|---|---|---|---|---|
| | | | | |

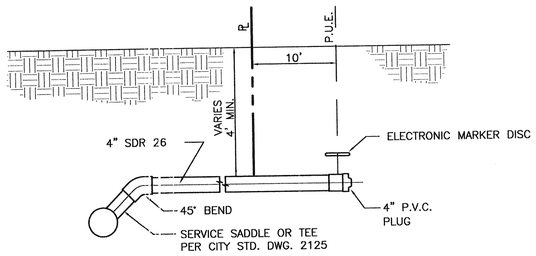
CITY PROJECT NO. 6085.82
ZONE MAP NO. D-20-Z
SHEET 4 OF 8

26 6085.82 0405

SCANNED BY MESA REPRO



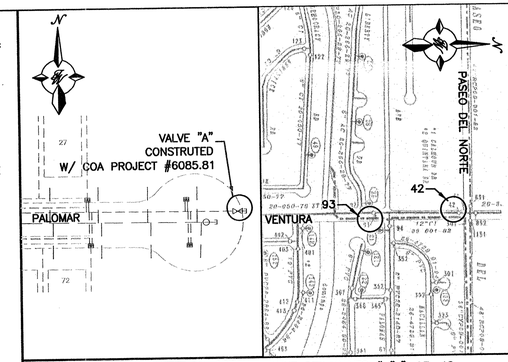

FUTURE CHANNEL SECTION A-A
NTS




TYP. SANITARY SYSTEM SERVICE CONNECTION
NO SCALE

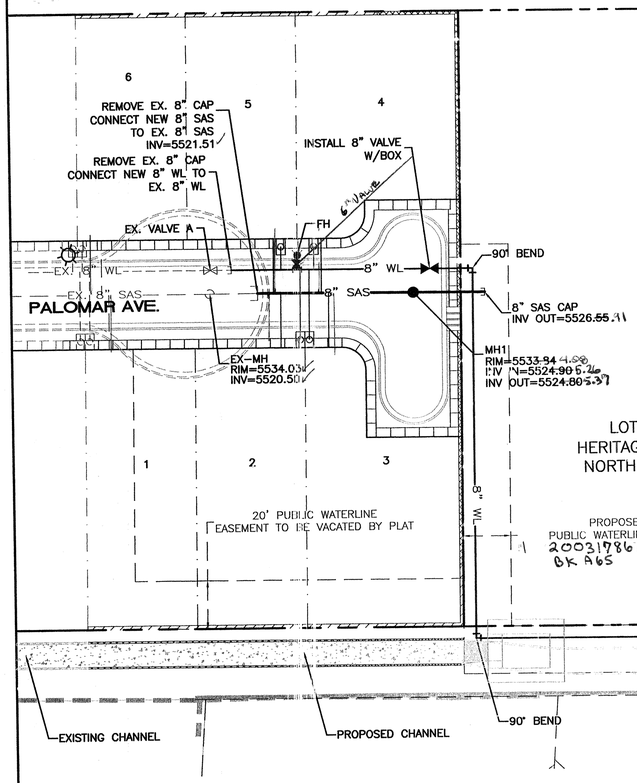
## LEGEND

- EXISTING SAS MANHOLE
- EX. 8" SAS — EXISTING SANITARY SEWER LINE
- PROPOSED SAS MANHOLE
- 8 — PROPOSED SAS CLEANOUT
- DIRECTION OF FLOW
- 8" SAS — PROPOSED SANITARY SEWER LINE
- SANITARY SEWER SERVICE LINE
- EX. 8" WL — EXISTING WATER LINE
- PROPOSED METER
- PROPOSED VALVE W/BOX
- PROPOSED FIRE HYDRANT
- 8" WL — PROPOSED WATER LINE
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- CENTERLINE
- RIGHT-OF-WAY
- LOT LINES




WATER SHUT-OFF PLAN — SHUT OFF VALVES # "A", 93, 42

NOTES:
1. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN
3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
4. SHUTOFF THE VALVES INDICATED IN THE ABOVE PLAN
5. SEE VALVE Ⓐ SHEET (6)

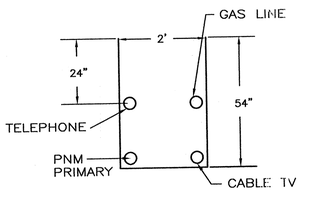



**CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS**

I, Sara Lavy, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Precision Survey, NMPS number 11993.

Sara Lavy 11/4/04

Engineer's Seal & Signature




UTILITY TRENCH DETAIL
NTS

**GENERAL NOTES:**

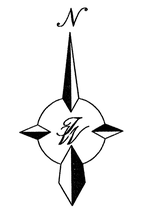
1. 4' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
2. REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATIONS.
3. CLEAN OUTS ARE TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
4. ALL BLOCKING IS PER CITY OF ALBUQUERQUE STANDARD DWG. 2320.
5. ALL PIPE MATERIAL TO BE USED PER UPC.

**NOTICE TO CONTRACTORS**

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.
8. CONTRACTOR IS RESPONSIBLE TO PROVIDE UTILITY STUBS 5' FROM BUILDING

**CAUTION:**

EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.




AS BUILT INFORMATION
CONTRACTOR SKILLS BROS 2003/4
WORK PERFORMED BY PRECISION SURVEYS DATE 2003/4
INSPECTORS ACCEPTANCE BY BOB TIERRA WEST DATE 2003/4
VERIFICATION BY CONTIERRA WEST DATE 2003/4
DRAWING CORRECTIONS BY TIERRA WEST DATE 2003/4
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
NGS MONUMENT "2-D20-A"
CENTRAL STATION DATA
NM STATE PLANE COORDINATES
Central Zone
X=410,218.35
Y=1,516,110.28
G-G=0.99964777
Δ =0°10'23"
EL=5378.787 NGVD 1929

SURVEY INFORMATION
FIELD NOTES

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

ENGINEER'S SEAL

| NO. | REMARKS REVISIONS DESIGN | DATE | BY |
|---|---|---|---|
| | | DATE 5-15-03 | |
| | | DATE 5-15-03 | |
| | | DATE 5-03 | |

DESIGNED BY WCWJ
DRAWN BY WCWJ
DRAWN NAME: 9832_PH3_MU(drc).DWG
CHECKED BY SL

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6085.82 0505

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **NORTH HERITAGE HILLS PHACE III**
MASTER UTILITY PLAN

| DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR. |
|---|---|---|---|---|
| | | | | |

CITY PROJECT NO. 6085.82 | ZONE MAP NO. D-20-Z | SHEET 5 OF 8

SCANNED BY MESA REPRO

10+00 11+00 12+00

* ⊙ END OF SERVICE LINE

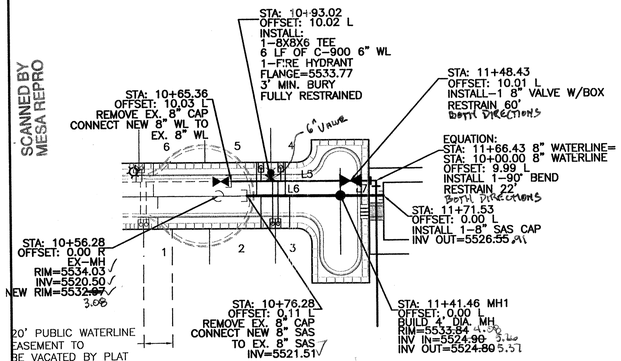
## WL TABLE

| LOT # | STATION | SERVICE |
|---|---|---|
| 1 | FIELD VERIFY | EXISTING |
| 6 | FIELD VERIFY | EXISTING |
| 2&3 | 10+99.91 | DOUBLE |
| 4 | 10+96.01 | SINGLE |
| 5 | 10+86.16 | SINGLE |

## SAS TABLE

| LOT # | STATION* | LF | INV.* | ELEV. ⊙ PL |
|---|---|---|---|---|
| 1 | EXISTING–FIELD VERIFY | | | |
| 2 | 10+86.02 | 23 | 5529.56 | 5533.56 |
| 3 | 11+06.02 | 23 | 5529.76 | 5533.76 |
| 4 | 11+03.02 | 23 | 5529.67 | 5533.67 |
| 5 | 10+83.02 | 23 | 5529.47 | 5533.47 |
| 6 | EXISTING–FIELD VERIFY | | | |

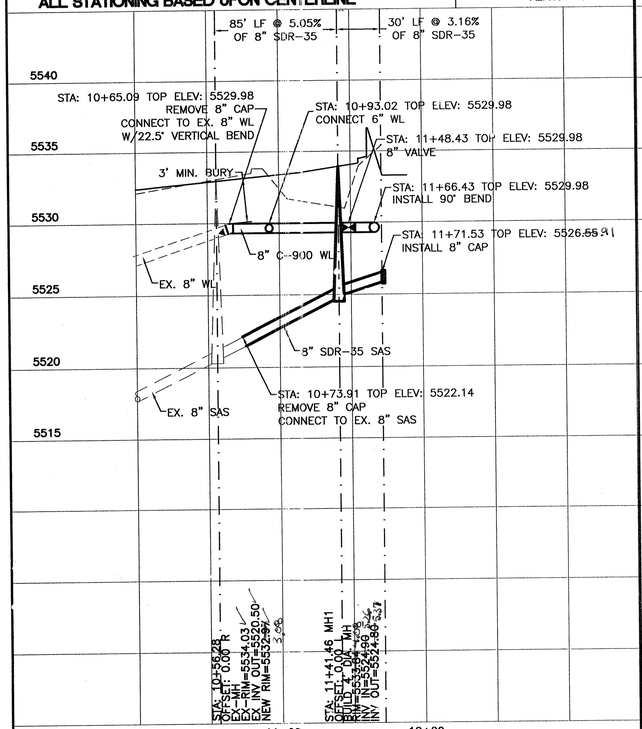
SCANNED BY MESA REPRO




| LINE TABLE | | |
|---|---|---|
| LINE | LENGTH | BEARING |
| L5 | 106.07 | S89°38'22"E |
| L6 | 65.21 | S89°33'44"E |
| L7 | 29.94 | S89°33'44"E |

## PALOMAR AVENUE UTILITY STA: 10+00.00 TO 11+71.53
## ALL STATIONING BASED UPON CENTERLINE

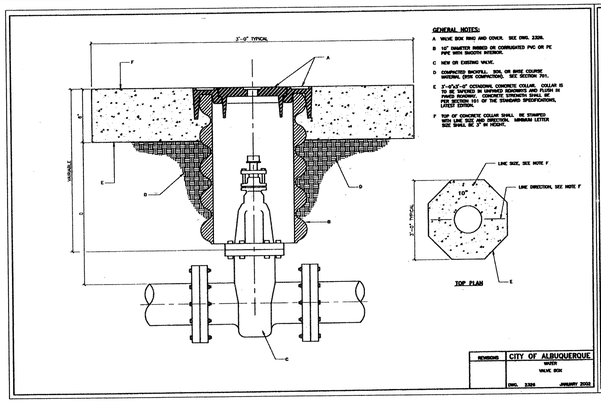
SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

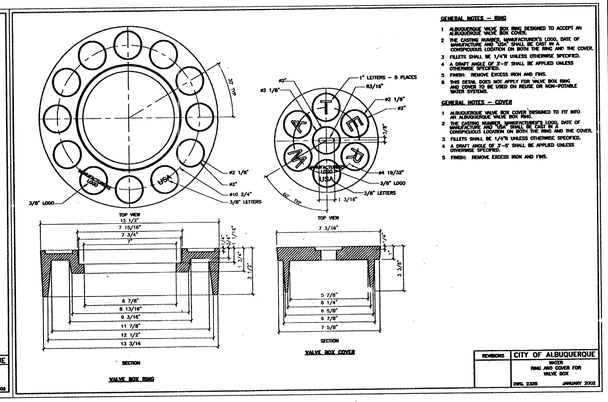


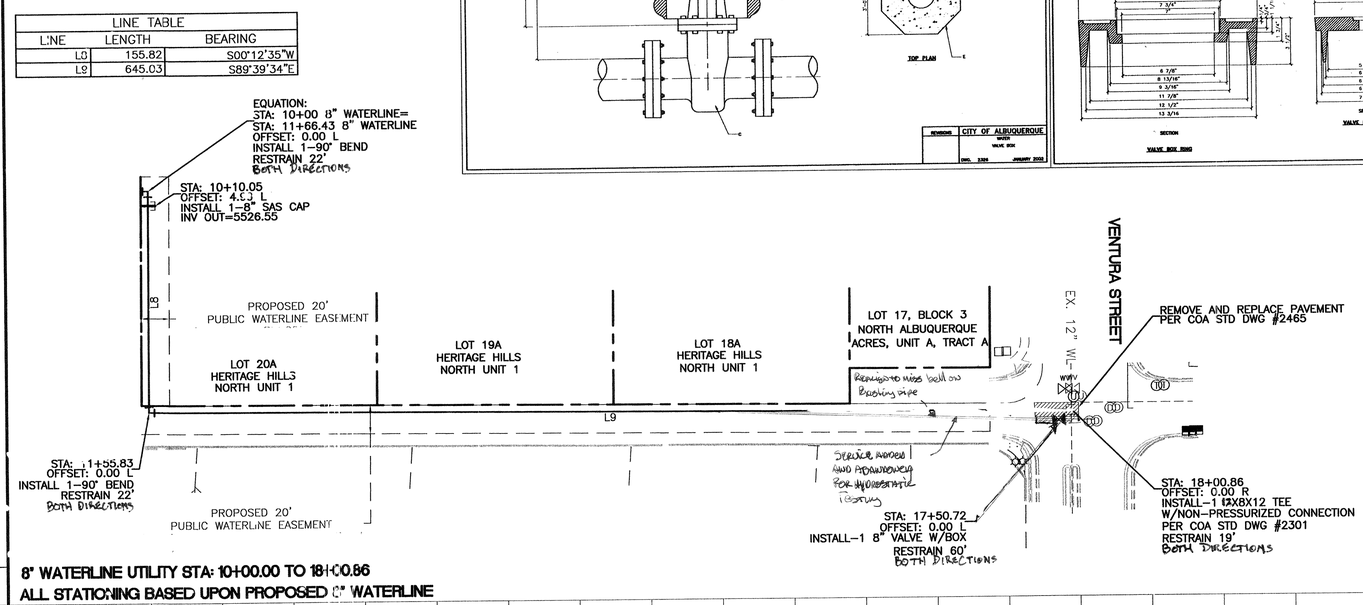

NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE TO BE BUILT PER C.O.A. STD DWG #2340 FULLY RESTRAINED
3. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO AND CONSTRUCTION OF UTILITIES.

**CAUTION:**
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

| LINE TABLE | | |
|---|---|---|
| LINE | LENGTH | BEARING |
| L8 | 155.82 | S00°12'35"W |
| L9 | 645.03 | S89°39'34"E |

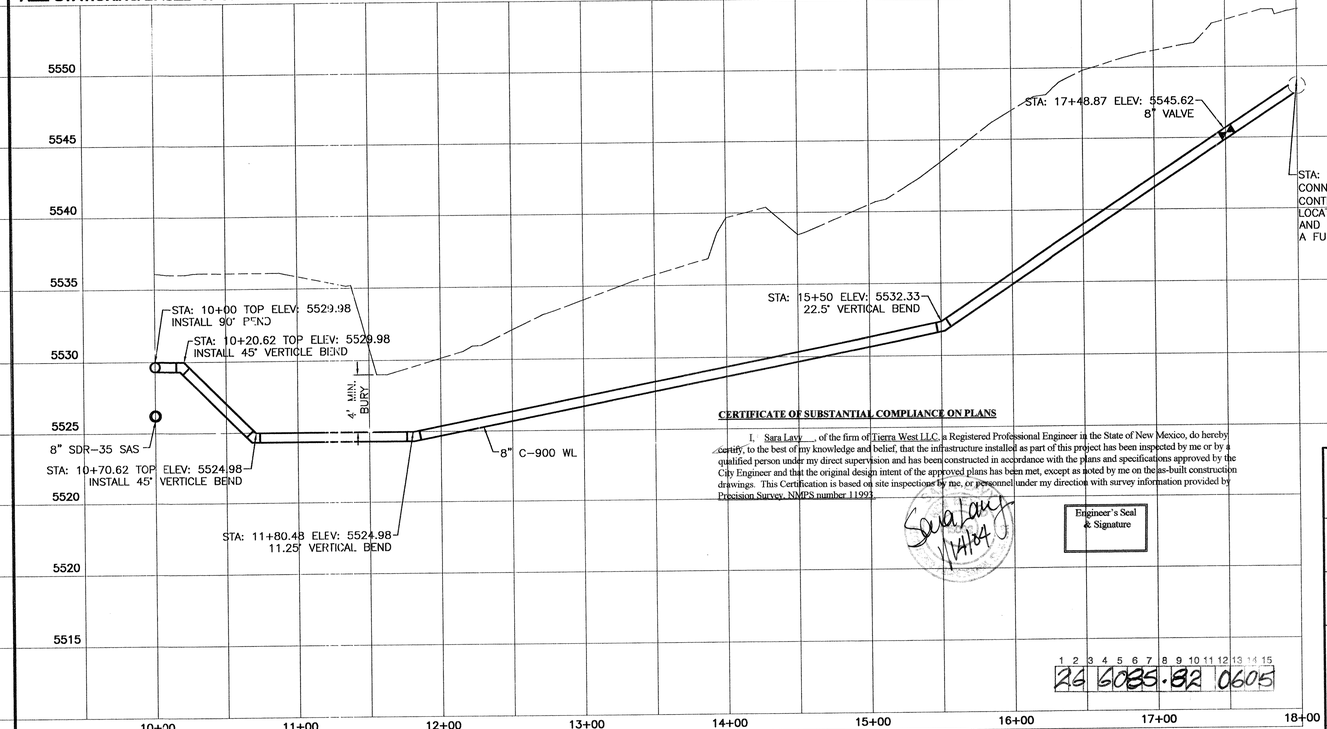



## 8" WATERLINE UTILITY STA: 10+00.00 TO 18+00.86
## ALL STATIONING BASED UPON PROPOSED 8" WATERLINE

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'




**CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS**

I, Sara Lavy, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Precision Survey, NMPS number 11993.

Engineer's Seal & Signature

1/14/04

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6085.82 0605

*AS BUILT INFORMATION*

BENCH MARKS
NGS MONUMENT "2–D20–A"
CONTRACTOR SALLS BROS 2003/4
WORK PERFORMED BY PRECISION SURVEYS DATE 2003/4
STAKED BY CENTRAL STATION DATA DATE 2003/4
INSPECTED BY NM STATE PLANE COORDINATES DATE 2003/4
FIELD VERIFICATIONS BY Central Zone DATE 2003/4
CORRECTED BY X=410,218.35 DATE 2003/4
Y=1,516,110.28
G–G=0.99964777
Δ –0°10'23"
EL=5378.787 NGVD 1929

*MICRO–FILM INFORMATION*
RECORDED BY
DATE
NO.

*SURVEY INFORMATION*
FIELD NOTES
NO. BY DATE

*ENGINEER'S SEAL*

9/5/03

| NO. | DATE | REMARKS / REVISIONS | BY |
|---|---|---|---|
| | | DESIGN | |
| | | DESIGNED BY: WCWJ | DATE: 5–14–03 |
| | | DRAWN BY: WCWJ | DATE: 5–14–03 |
| | | DRAWN NAME: 9832_PH3_PP_UT.DWG | DATE: 5–14–03 |
| | | CHECKED BY: SL | |

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858–3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **NORTH HERITAGE HILLS PHASE III**
*PAVING AND UTILITY IMPROVEMENTS*
*PALOMAR AVENUE STA: 10+00.00 TO 11+71.53*

| DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR. |
|---|---|---|---|---|
| | | | | |

CITY PROJECT NO. 6085.82 | ZONE MAP NO. D–20–Z | SHEET 6 OF 8

# 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.

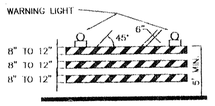
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

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

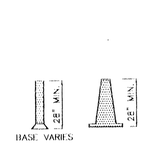
26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGTH AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D. (3)

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

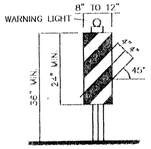
28. LANE CLOSURES IN VENTURA ST. ARE SUBJECT TO ARTERIAL/COLLECTOR ROAD USAGE FEES OF $0.01 PER SF OF BARRICADED AREA PER DAY.



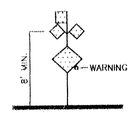
TYPE III BARRICADE



CONES



VERTICAL PANEL

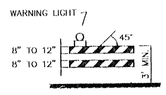


HIGH LEVEL WARNING DEVICE

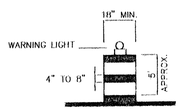
## LEGEND

- 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

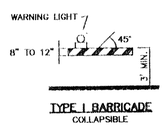
THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.



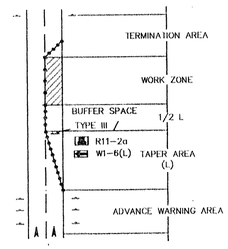
TYPE II BARRICADE COLLAPSIBLE



BARREL



TYPE I BARRICADE COLLAPSIBLE



TRAFFIC CONTROL ELEMENTS

## TAPER REQUIREMENTS

| SPEED LIMIT (MPH) | TAPER LENGTH (L) (FEET) 10' LANE | 11' LANE | 12' LANE | MINIMUM NUMBER OF DEVICES FOR TAPER | MAXIMUM DEVICE SPACING IN FEET 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

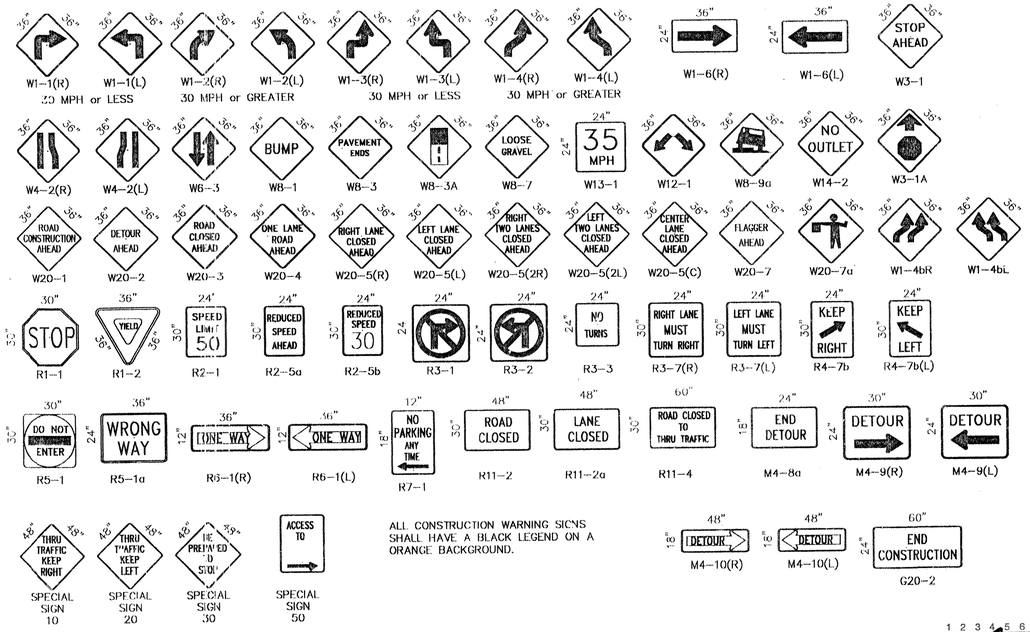
| TYPE OF TAPER | TAPER LENGTH |
|---|---|
| UPSTREAM TAPER: | |
| MERGING TAPER | L MINIMUM |
| SHIFTING TAPER | 1/2 L MINIMUM |
| SHOULDER TAPER | 1/2 L MINIMUM |
| TWO-WAY TRAFFIC TAPER | 100 FEET MAXIMUM |
| DOWNSTREAM TAPERS | 100 FEET PER LANE |

### 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.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 ...
26 6085.BR 07705

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

SURVEY INFORMATION
BENCH MARKS
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

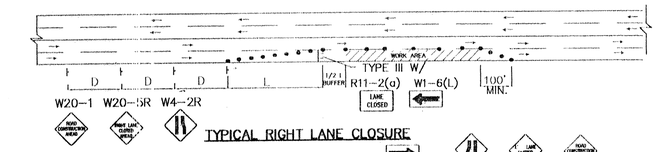
TITLE:
**SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS**

| DESIGN REVIEW COMMITEE | CITY ENGINEER APPROVAL | LAST UPDATE | MO./DAY/YR. | MO./DAY/YR. |
|---|---|---|---|---|
| COA STD | | | | |

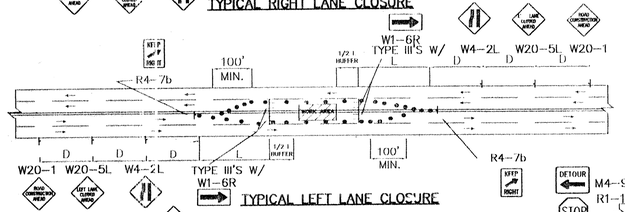
PROJECT NO. | MAP NO. | SHEET 7 OF 8

SCANNED BY MESA REPRO

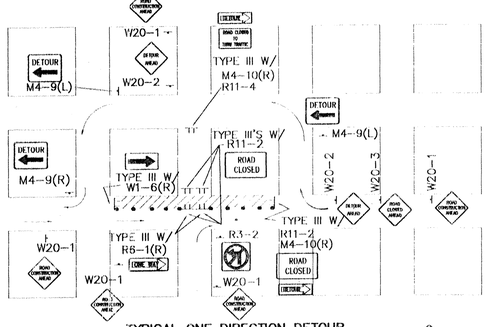
D:\SIGNS1.DWG



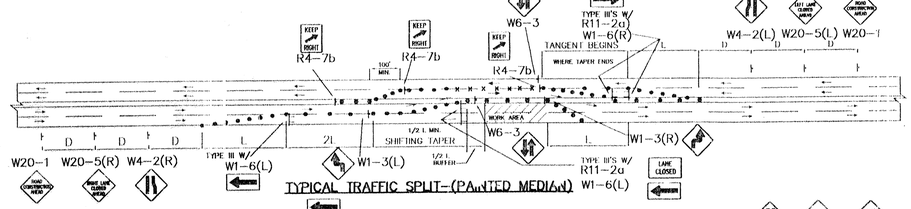

TYPICAL RIGHT LANE CLOSURE



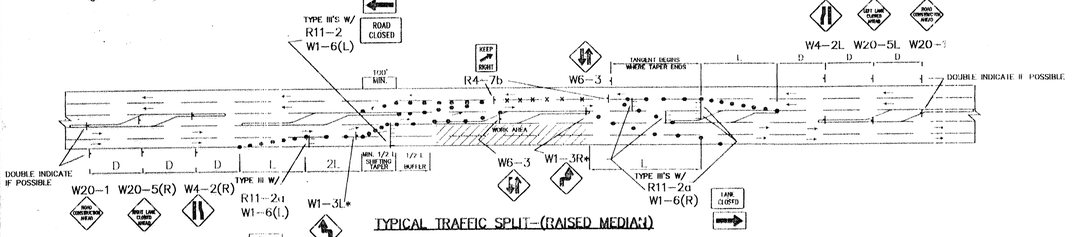

TYPICAL LEFT LANE CLOSURE




TYPICAL ONE DIRECTION DETOUR



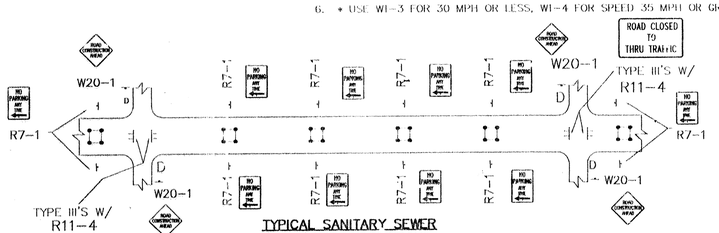

TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)




TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

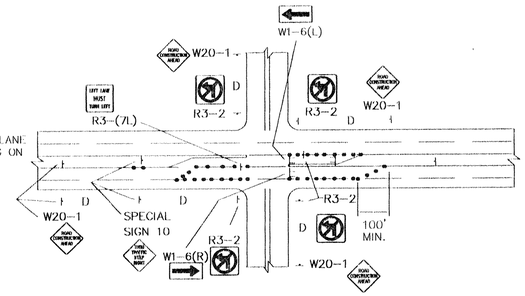
TRAFFIC SPLIT NOTES:

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.



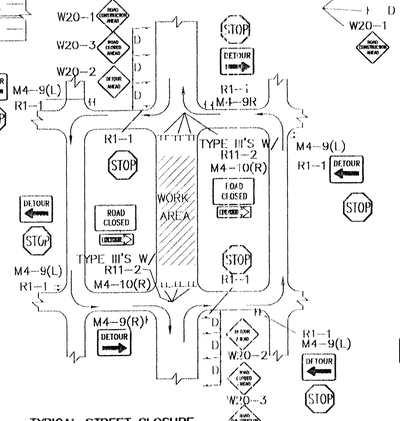

TYPICAL SANITARY SEWER SLIPLINING OPERATION

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




TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION



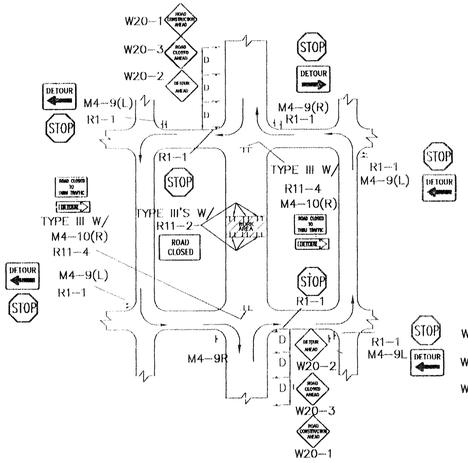

TYPICAL STREET CLOSURE

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

GENERAL NOTE:

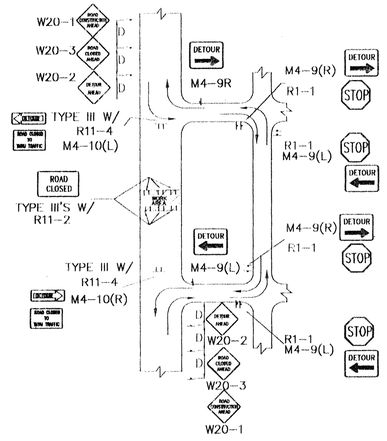
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

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. ⚠



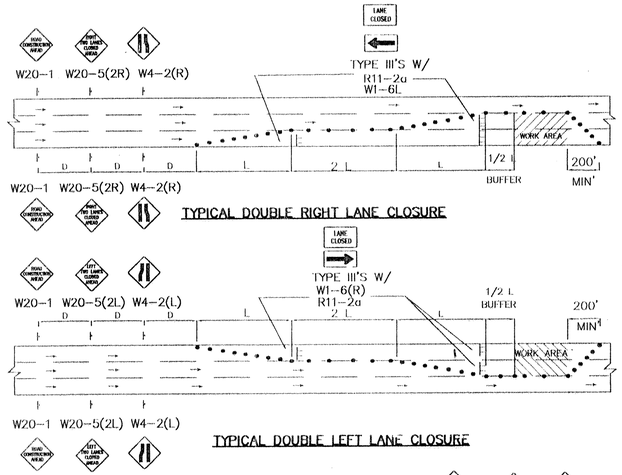

TYPICAL MID-BLOCK CLOSURE

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



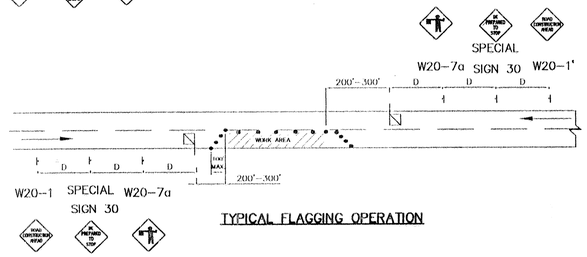

TYPICAL STREET CLOSURE

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

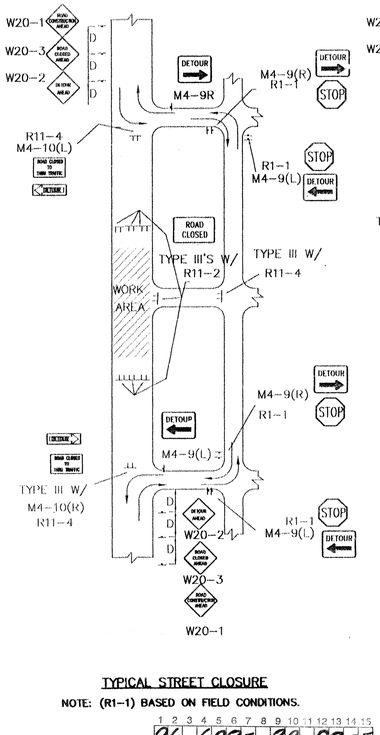



TYPICAL DOUBLE RIGHT LANE CLOSURE

TYPICAL DOUBLE LEFT LANE CLOSURE

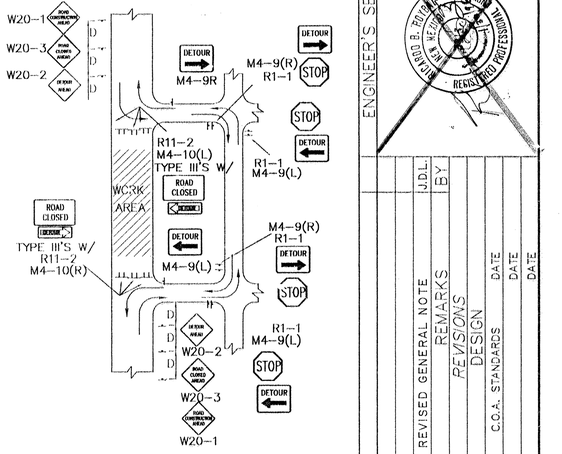



TYPICAL FLAGGING OPERATION




TYPICAL STREET CLOSURE

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




TYPICAL STREET CLOSURE

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

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STARTED BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY
NO.

SURVEY INFORMATION

BENCH MARKS

FIELD NOTES

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

ENGINEER'S SEAL

REVISIONS

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 1 | 9/2497 | REVISED GENERAL NOTE | J.D.L. |

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

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

| DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | LAST UPDATE | MO./DAY/YR. | MO./DAY/YR. |
|---|---|---|---|---|
| COA | STD | | | |

PROJECT NO. 26 6085.82 0805

MAP NO.

SHEET 8 OF 8

SCANNED BY MESA REPRO

OTCSTN2.DWG