

CONSTRUCTION PLANS FOR WEST PLATEAU MOBILE HOME SUBDIVISION

PAVING AND UTILITY IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
APRIL 2003

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RECORD DRAWING

I, SHAHAB BIAZAR, OF THE FIRM OF ADVANCED ENGINEERING, 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 AND SURVEY INFORMATION PROVIDED BY LEONARD MARTINEZ OF ADVANCED ENGINEERING, NMPS NUMBER 8901.

SHAHAB BIAZAR, PE
NMPE NO. 13479
Advanced Eng. & Cons., LLC
10/11/03

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY ENGINEER
DATE: 4/14/03

TRAFFIC CONTROL PLAN

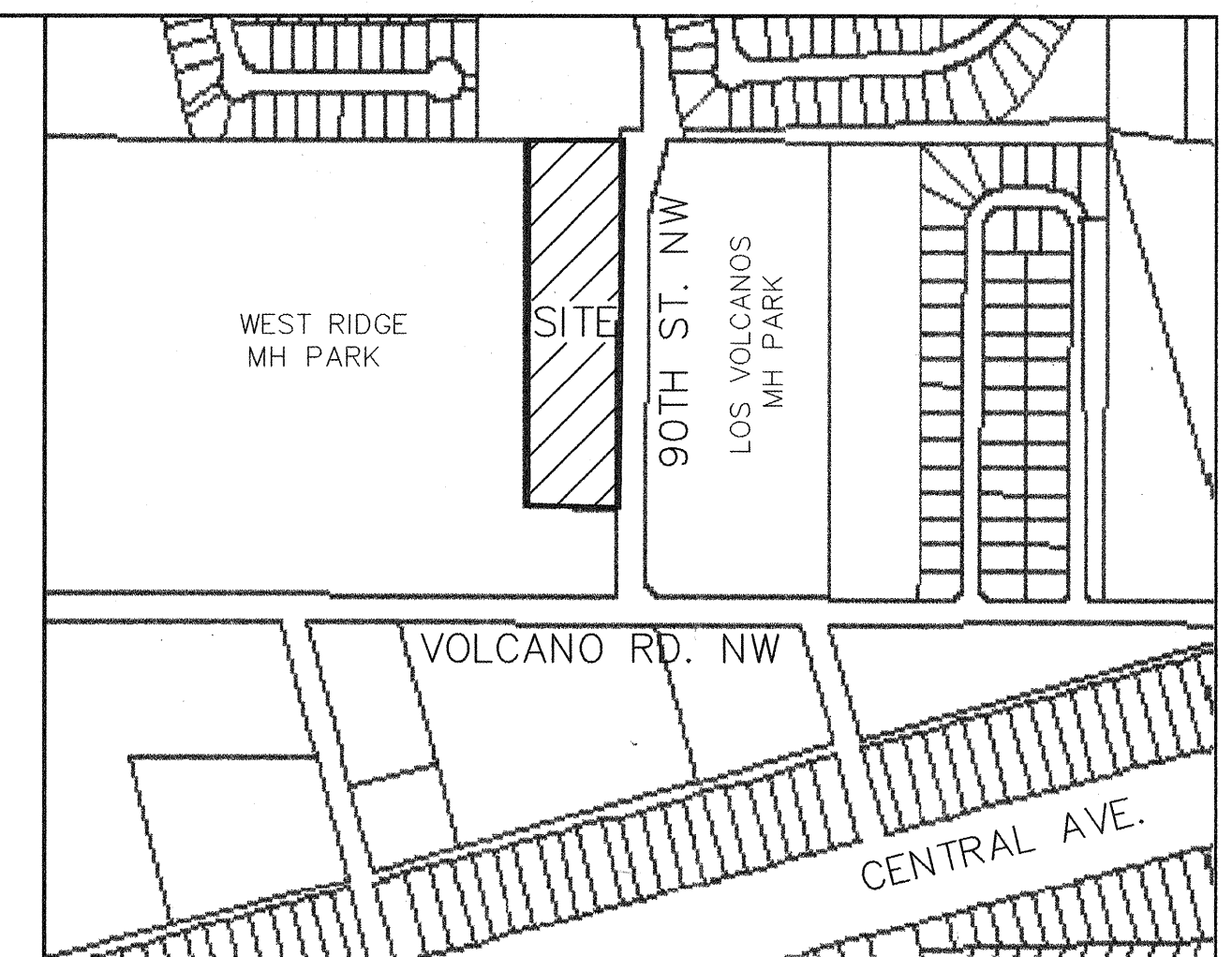
USE TYPICAL RIGHT LANE CLOSURE
SEE SHEET 13 OF 14 FOR DETAILS.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 70788 81 0104

DRB CASE NUMBER 1002025



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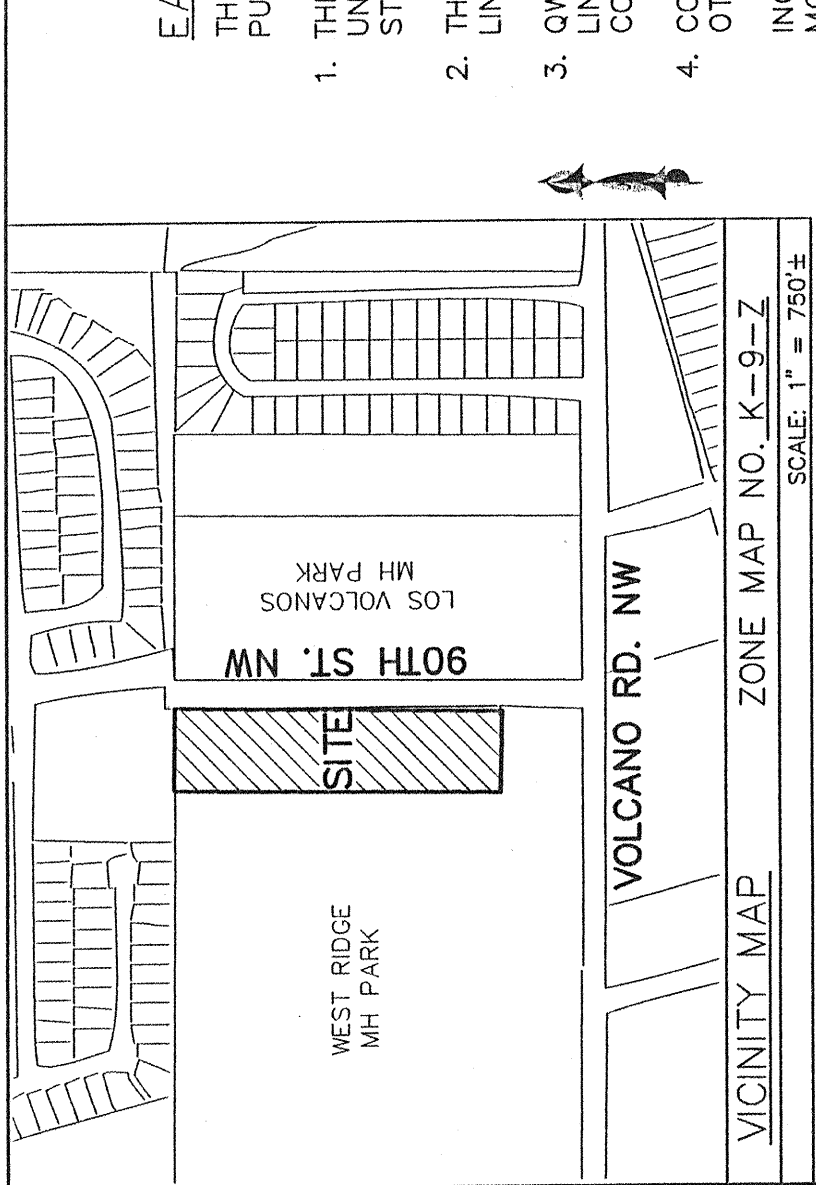
VICINITY MAP ZONE ATLAS K-9-Z

N.T.S. NOTICE TO CONTRACTORS SCALE NONE

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. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF 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 (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. 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.

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 DESIGN ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSIONED 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.



DISCLOSURE STATEMENT:
THE PURPOSE OF THIS PLAT IS TO REPLAT THE EXISTING LOT INTO 29 NEW RESIDENTIAL LOTS.
GRANT NEW EASEMENTS AS SHOWN AND DEDICATE NEW RIGHT-OF-WAY AS SHOWN.

- GENERAL NOTES:**
- 1: TOTAL AREA OF PROPERTY.....4.0000 ACRES
 - 2: NUMBER OF EXISTING TRACTS/LOTS.....1 LOTS
 - 3: NUMBER OF TRACTS/LOTS CREATED.....29 LOTS
 - 4: MILES OF FULL STREETS CREATED.....0.2059
 - 5: MILES OF HALF STREETS CREATED.....0.0000
 - 6: AREA DEDICATED TO CITY OF ALBUQUERQUE.....1.0848 ACRES
 - 7: DATE OF SURVEY.....OCTOBER 2002

- GENERAL NOTES:**
- 1: UNLESS NOTED, NO.4 REBAR WITH CAP STAMPED P.S. #9801 WERE SET AT ALL PROPERTY CORNERS.
 - 2: THIS PLAT SHOWS ALL EASEMENTS OF RECORD.
 - 3: TALUS LOC NO. SP-0030222516
 - 4: BASIS OF BEARING IS THE BEARING BETWEEN ALBUQUERQUE CORNER STATION 19 AND 19+8.96
 - 5: BEARINGS ARE GRID. DISTANCES ARE GROUND.
 - 6: THIS PROPERTY LIES WITHIN THE "Z" ZONE OF THE ATRISCO GRANT, BERNALILLO COUNTY, NEW MEXICO.
 - 7: MISC. DATA: ZONING IS SU-1 FOR MH.
 - 8: CITY OF ALBUQUERQUE WATER AND SANITARY SEWER SERVICES TO THESE LOTS MUST BE VERIFIED AND COORDINATE WITH THE WATER RESOURCES DEPARTMENT, CITY OF ALBUQUERQUE.

LEGAL DESCRIPTION:
A TRACT OF LAND LYING AND SITUATE WITHIN PROJECTED SECTION 21, TOWNSHIP 10 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, TOWN OF ATRISCO GRANT, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, COMPRISING OF THE NORTH EIGHT HUNDRED TWENTY NINE AND SIX TENTHS FEET (829.60') OF TRACT SIX (6), AS THE SAME ARE SHOWN AND DESIGNATED ON THE PLAT ENTITLED "PLAT SHOWING LANDS OF CH. HALL COMPRISING OF TRACTS 4, 7, 8, 9, 10, 11 AND 12 OF TRACTS ALLOTTED FROM THE NORTH OF ATRISCO GRANT, BERNALILLO COUNTY, BERNALILLO COUNTY, NEW MEXICO, BY ACT OF THE LEGISLATURE OF BERNALILLO COUNTY, NEW MEXICO ON DECEMBER 30, 1946, IN VOLUME B1, FOLIO 120, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID TRACT BEING A POINT ON THE WEST RIGHT OF WAY LINE OF 90TH STREET, N.W., MARKED BY A SET REBAR WITH CAP "PS 9801" FROM WHENCE A TIE TO ACS MONUMENT "7"-K9" BEARS N. 56°30'14" W., A DISTANCE OF 1338.70 FEET; THENCE;

FROM SAID BEGINNING POINT N. 89°40'43" W., A DISTANCE OF 209.50 FEET TO THE SOUTHWEST CORNER OF SAID TRACT; THENCE, N. 00°19'17" E., A DISTANCE OF 829.60 FEET TO THE NORTHWEST CORNER OF SAID TRACT; THENCE, S. 89°40'43" E., A DISTANCE OF 209.50 FEET TO THE WEST RIGHT OF WAY LINE OF 90TH STREET; THENCE,

LEAVING THE SAID POINT ALONG WEST RIGHT OF WAY LINE S. 00°19'17" W., A DISTANCE OF 829.60 FEET TO SOUTHEAST CORNER OF SAID TRACT; THENCE, S. 89°40'43" E., A DISTANCE OF 209.50 FEET TO THE SOUTHWEST CORNER OF SAID TRACT; THENCE, S. 89°40'43" E., A DISTANCE OF 209.50 FEET TO THE WEST RIGHT OF WAY LINE OF 90TH STREET; THENCE,

LEAVING THE SAID POINT ALONG WEST RIGHT OF WAY LINE S. 00°19'17" W., A DISTANCE OF 829.60 FEET TO SOUTHEAST CORNER OF SAID TRACT; THENCE, S. 89°40'43" E., A DISTANCE OF 209.50 FEET TO THE SOUTHWEST CORNER OF SAID TRACT; THENCE, S. 89°40'43" E., A DISTANCE OF 209.50 FEET TO THE WEST RIGHT OF WAY LINE OF 90TH STREET; THENCE,

SCANNED BY
MESA REPRO

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

2. THE PNM GAS SERVICES DIVISION FOR THE INSTALLATION, MAINTENANCE, AND SERVICES OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS. 3. QUEST 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 COMMUNICATION, INC. FOR THE INSTALLATION, 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 OR THE PURPOSES DESCRIBED ABOVE, INCLUDING BUT NOT LIMITED TO 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. WHICH INTERFER WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SING, POOL (ABOVE GROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD POOL DECKING, OR OTHER STRUCTURE SHALL BE ERRECTED 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 OR POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO WITHIN OR NEAR EASEMENTS SHOWN ON THIS PLAT.

IN APPROVING THIS PLAT, THE UTILITY COMPANIES DID NOT CONDUCT A TITLE SEARCH OR FIELD SURVEY TO DETERMINE THE EXISTENCE OF ANY OTHER EASEMENTS OR INTERESTS IN THE PROPERTY OR THE UTILITY COMPANIES MAY HAVE BEEN GRANTED BY PRIOR PLAT, REPLAT OR OTHER DOCUMENT AND WHICH ARE NOT SHOWN ON THIS PLAT.

EASEMENTS FOR ELECTRIC TRANSFORMERS/SWITCHGEARS, AS INSTALLED, SHALL EXTEND TEN FEET (10') IN FRONT OF TRANSFORMER/SWITCHGEAR DOORS AND FIVE FEET (5') ON EACH SIDE.

FREE CONSENT AND DEDICATION

THE SUBDIVISION HEREON DESCRIBED IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNERS(S) AND/OR PROPRIETOR(S) THEREOF AND SAID OWNERS(S) AND/OR PROPRIETOR(S) DO HEREBY DEDICATE ALL STREET AND PUBLIC RIGHT-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 DISTRIBUTION LINES, CONDUITS, AND CABLES; AND THE RIGHT OF EGRESS AND ACCESS FOR CONSTRUCTION AND MAINTENANCE; AND THE RIGHT TO TRIM INTERFERING TREES AND SHRUBS; SAID OWNERS(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.

OWNER SIGNATURE: [Signature] DATE: 1-9-03
OWNER PRINT NAME: Fred Seely, Doner
ACKNOWLEDGMENT
STATE OF NEW MEXICO) S.S.
COUNTY OF BERNALILLO)
THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 9th DAY OF January

20. 03 BY: Fred Seely, Doner DATE: 1-9-03
NOTARY
OFFICIAL SEAL
SHAHRAM BIAZAR
NOTARY PUBLIC
My Commission Expires 5-26-03

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON
UPC # _____
PROPERTY OWNER OF RECORD: _____
BERNALILLO CO. TREASURER'S OFFICE: _____

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CORD	CORD DIRECTION
C1	39.27	25.00	90°00'00"	25.00	35.36	N44°40'43"W
C2	39.27	25.00	90°00'00"	25.00	35.36	S45°19'17"W
C3	39.27	25.00	90°00'00"	25.00	35.36	N45°19'17"E
C4	39.27	25.00	90°00'00"	25.00	35.36	S44°40'43"E
C5	39.27	25.00	90°00'00"	25.00	35.36	N44°40'43"W
C6	39.27	23.00	90°00'00"	23.00	35.36	S45°19'17"W
C7	39.27	25.00	90°00'00"	25.00	35.36	S44°40'43"E
C8	39.27	25.00	90°00'00"	25.00	35.36	N45°19'17"E

ABBREVIATIONS:
PUE PUBLIC UTILITY EASEMENT
ROW RIGHT-OF-WAY
ACRES ACRES
N.W. NORTH WEST
A.V.E. AVENUE
ST. STREET

ACS MONUMENT "8-K9"
NM STATE PLANE COORDINATES
CENTRAL ZONE-NAD 1927
X = 352,217.80
Y = 1,482,842.09
EL = 5247.434 NGVD 1929
G-G = 0.99967415
DELTA ALPHA = -01°7'02"

ACS MONUMENT "7-K9"
NM STATE PLANE COORDINATES
CENTRAL ZONE-NAD 1927
X = 355,815.77
Y = 1,482,842.09
EL = 5137.363 NGVD 1929
G-G = 0.99967620
DELTA ALPHA = -01°6'37"

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DELTA ALPHA = -01°6'37"

ACS MONUMENT "7-K9"
NM STATE PLANE COORDINATES
CENTRAL ZONE-NAD 1927
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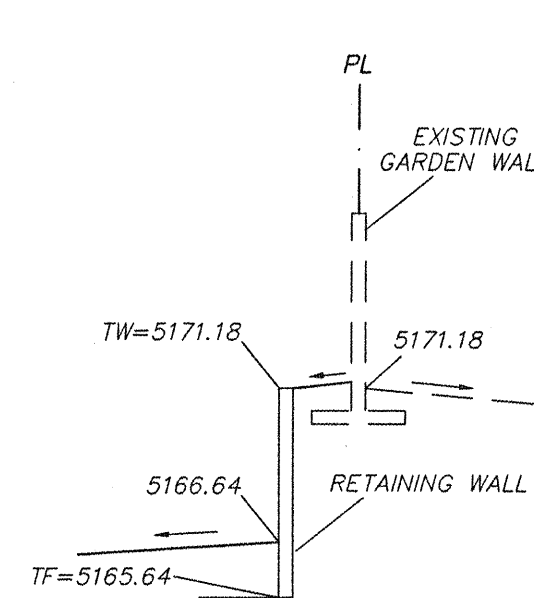
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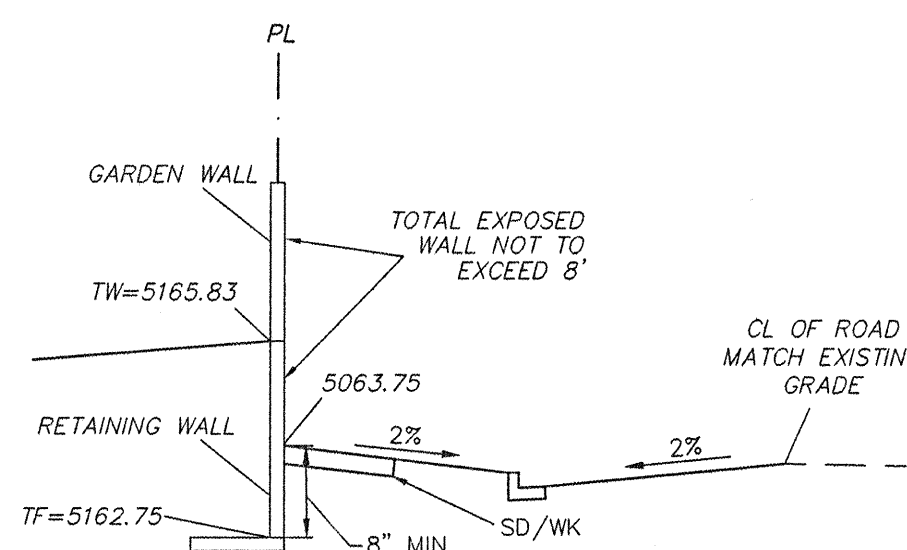
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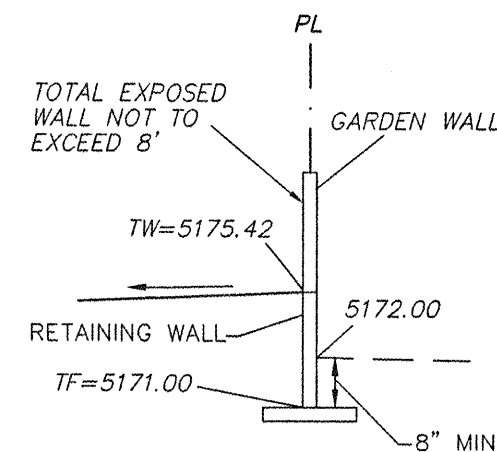
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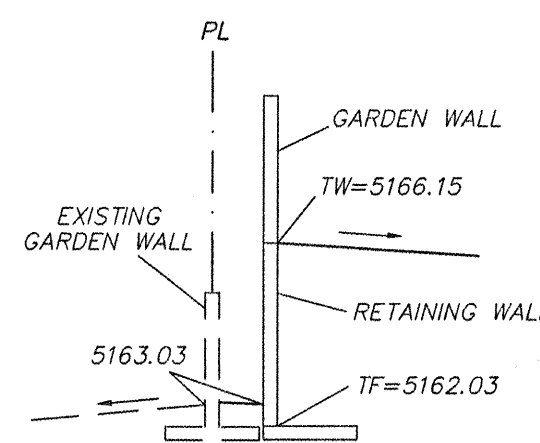
SECTION A-A
NTS



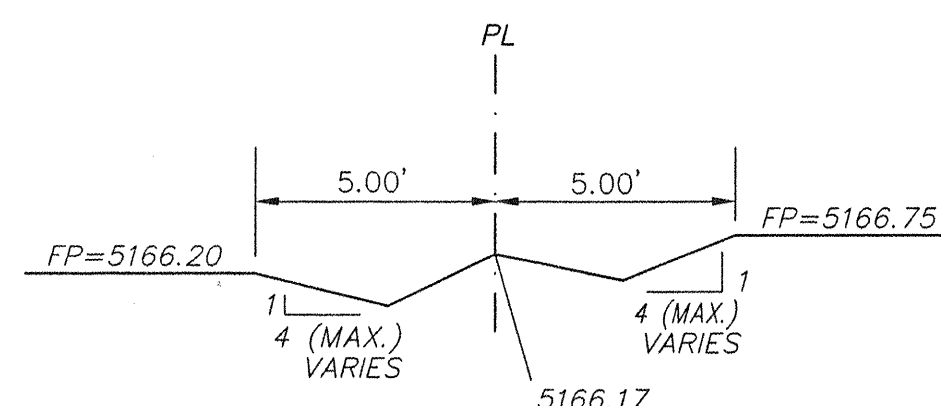
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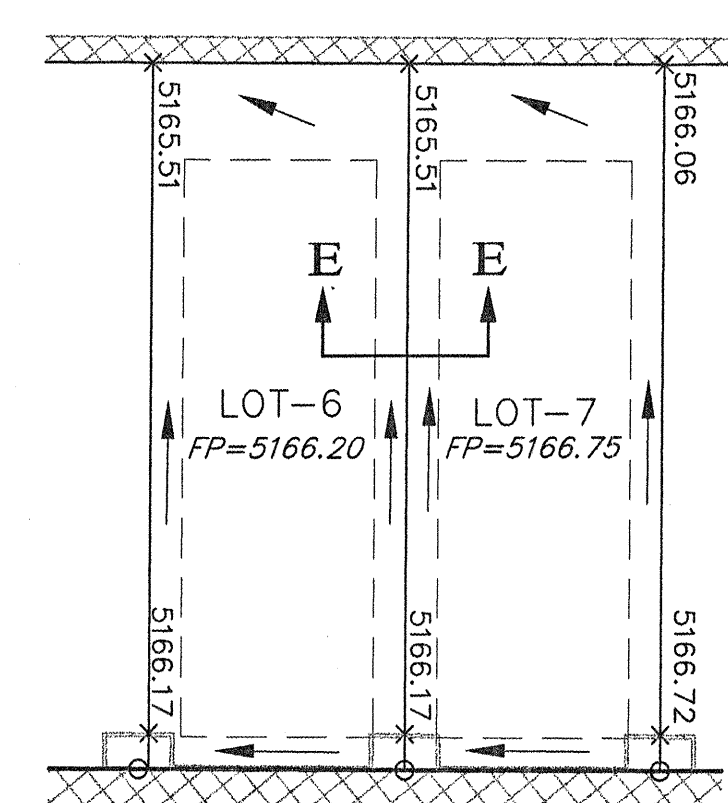
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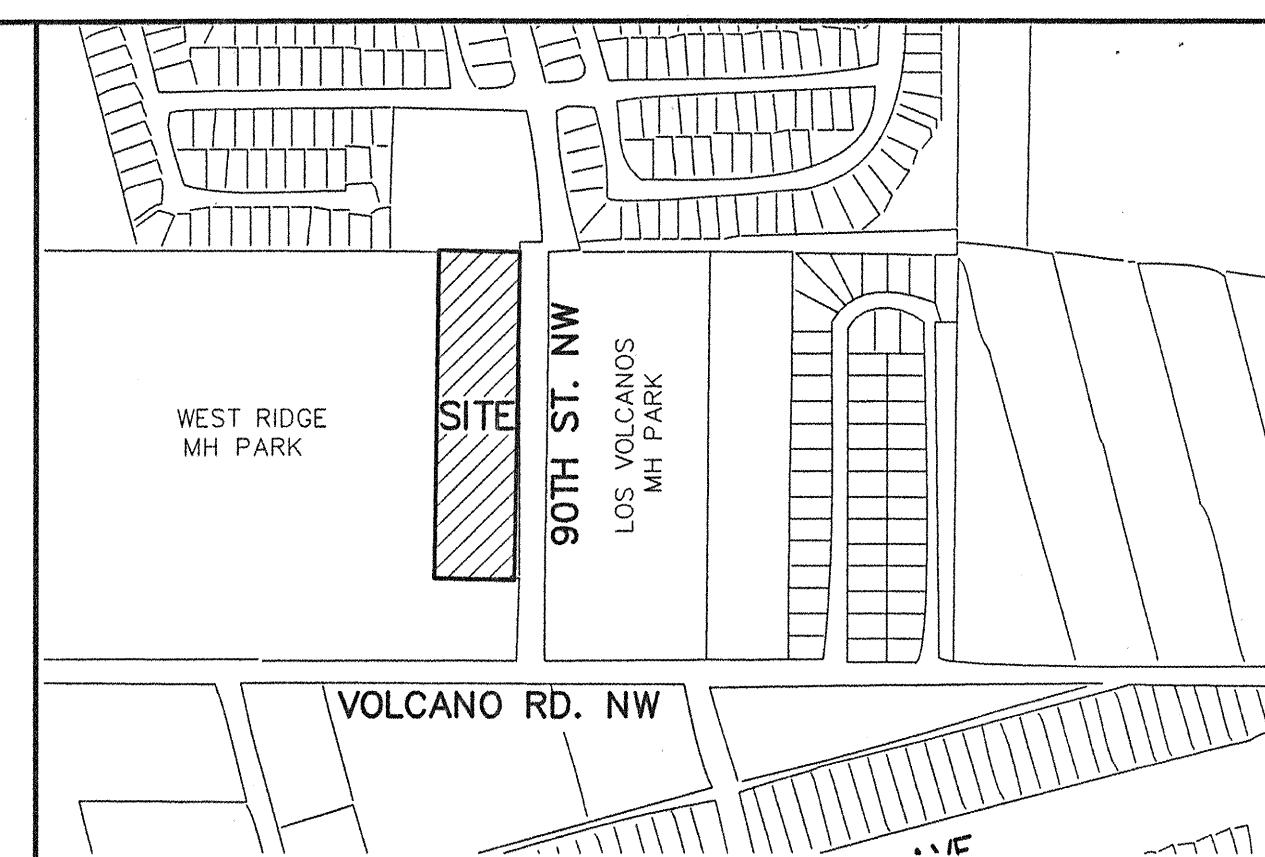
SECTION D-D
NTS



SECTION E-E
NTS



TYPICAL LOT GRADING
NTS

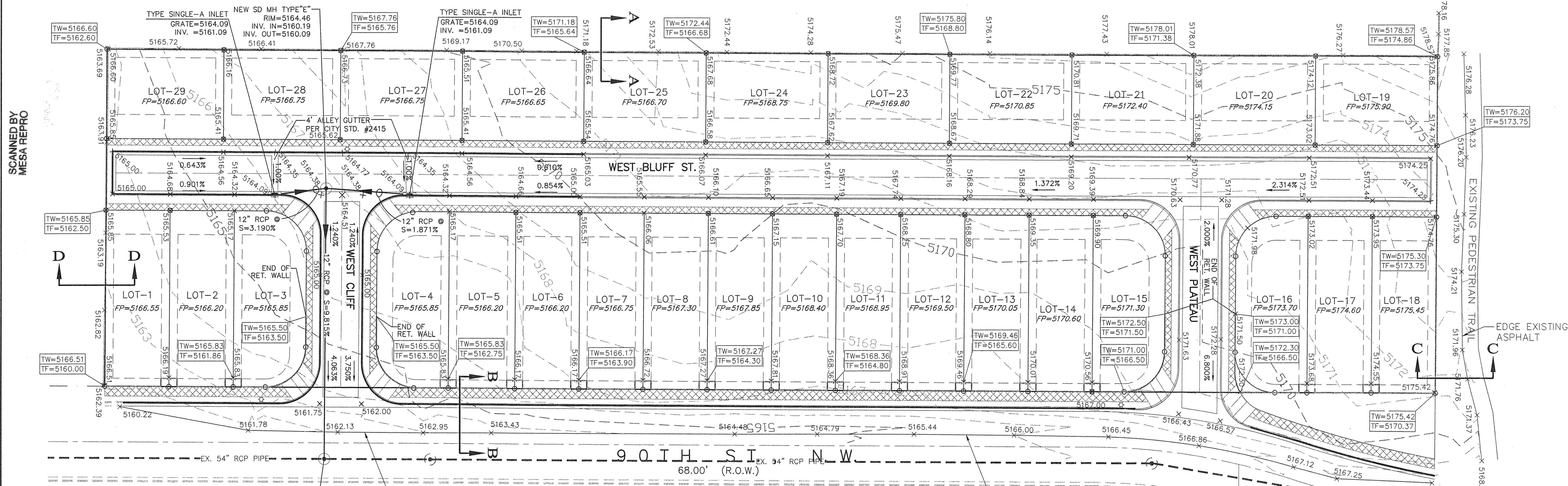


VICINITY MAP:

K-9-Z

LEGAL DESCRIPTION:

TRACT 6, LANDS OF C.H. HALL
CONTAINING ± 4 ACRES MORE OR LESS.



LEGEND

- EXISTING CURB & GUTTER
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- EXISTING SD PIPE
- RETAINING WALL
- NEW CURB & GUTTER
- SET BACK
- BOUNDARY LINE
- PROPOSE LOT LINE
- CENTER LINE
- NEW SIDEWALK
- STD. CURB & GUTTER
- PROPOSED SPOT ELEVATION
- PROPOSED DROP INLET
- EXISTING STORM SEWER MH
- NEW STORM SEWER MH
- TOP OF RETAINING WALL
- TOP OF FOOTING

NEW 4" DIA. MH TYPE "E"
RIM=5162.00
INV. IN=5143.60
INV. OUT=5143.50
TIE TO THE
EXISTING SD PIPE

NOTICE TO CONTRACTORS

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- 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.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- 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.
- BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

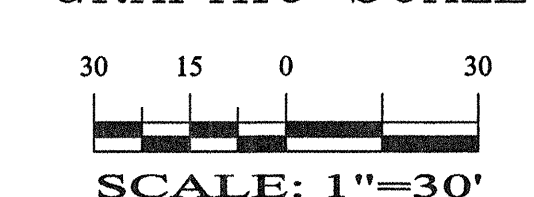
ROUGH GRADING APPROVAL

DATE

EROSION CONTROL PLAN AND POLLUTION PREVENTION NOTES

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUNOFF ON SITE.
- REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
- ALL THE DISTURBED AREAS MUST BE REVEGETATED.

GRAPHIC SCALE



GENERAL NOTES:

- CONTOUR INTERVAL IS ONE (1) FOOT.
- ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL STATION HAVING AN ELEVATION OF 5085.00 FEET ABOVE SEA LEVEL.
- UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
- THIS IS NOT A BOUNDARY SURVEY. BEARINGS ARE ASSUMED, DISTANCES AND FOUND PROPERTY CORNERS ARE FOR INFORMATIONAL PURPOSES ONLY.
- SLOPES ARE AT 3:1 MAXIMUM.

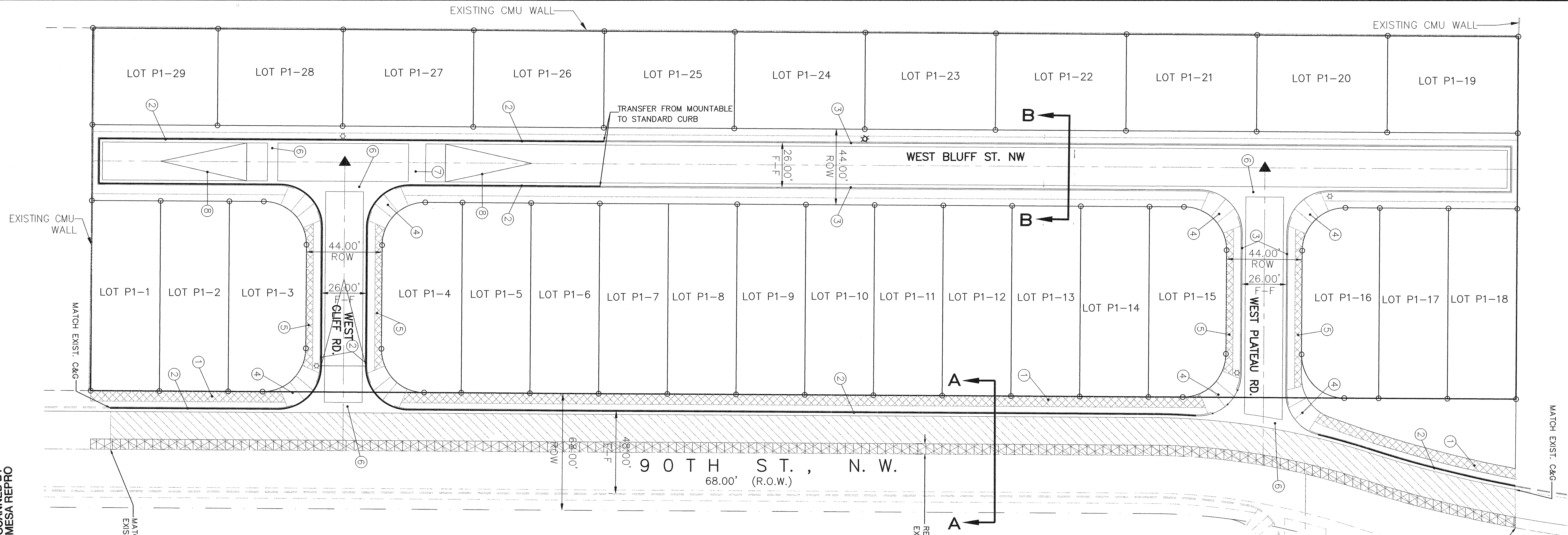
**ADVANCED
ENGINEERING
and CONSULTING, LLC**

10205 SNOWFLAKE CT., NW
ALBUQUERQUE, NEW MEXICO 87114
(505) 899-5370

**WEST PLATEAU MH SUBDIVISION
GRADING AND DRAINAGE PLAN**

DRAWING: 200226-GR.DWG	DRAWN BY: SHH	DATE: 10-09-02	SHEET # 3 OF 14
---------------------------	------------------	-------------------	--------------------

SCANNED BY
MESA REPHO

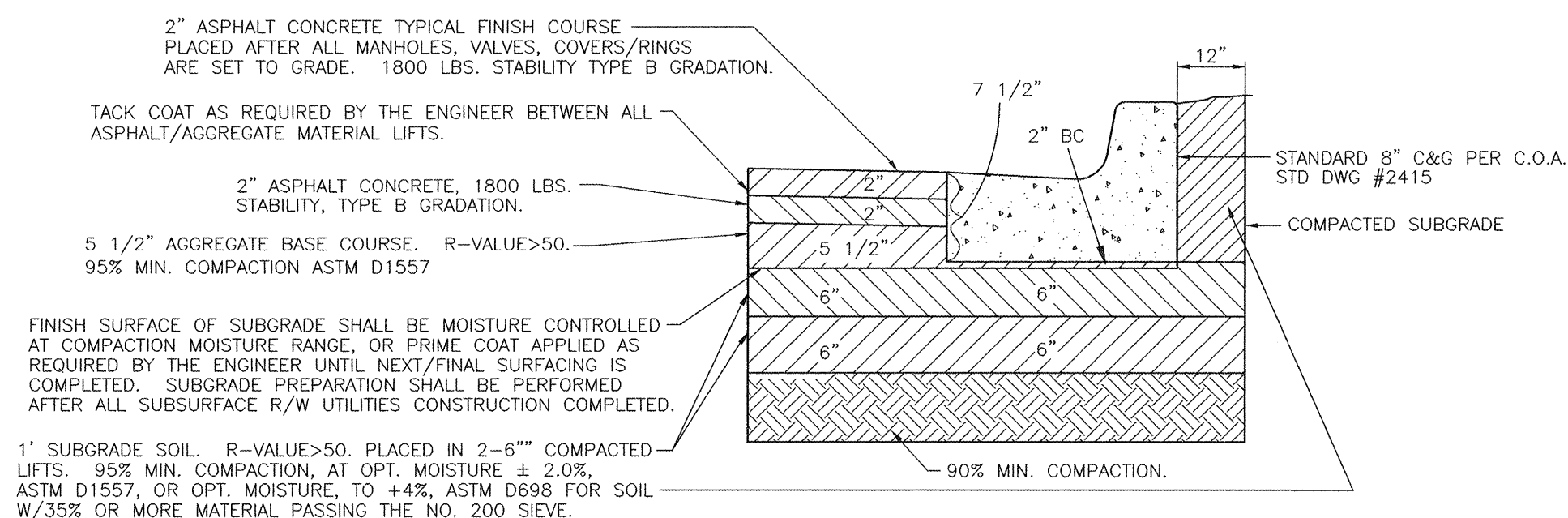


NOTES:

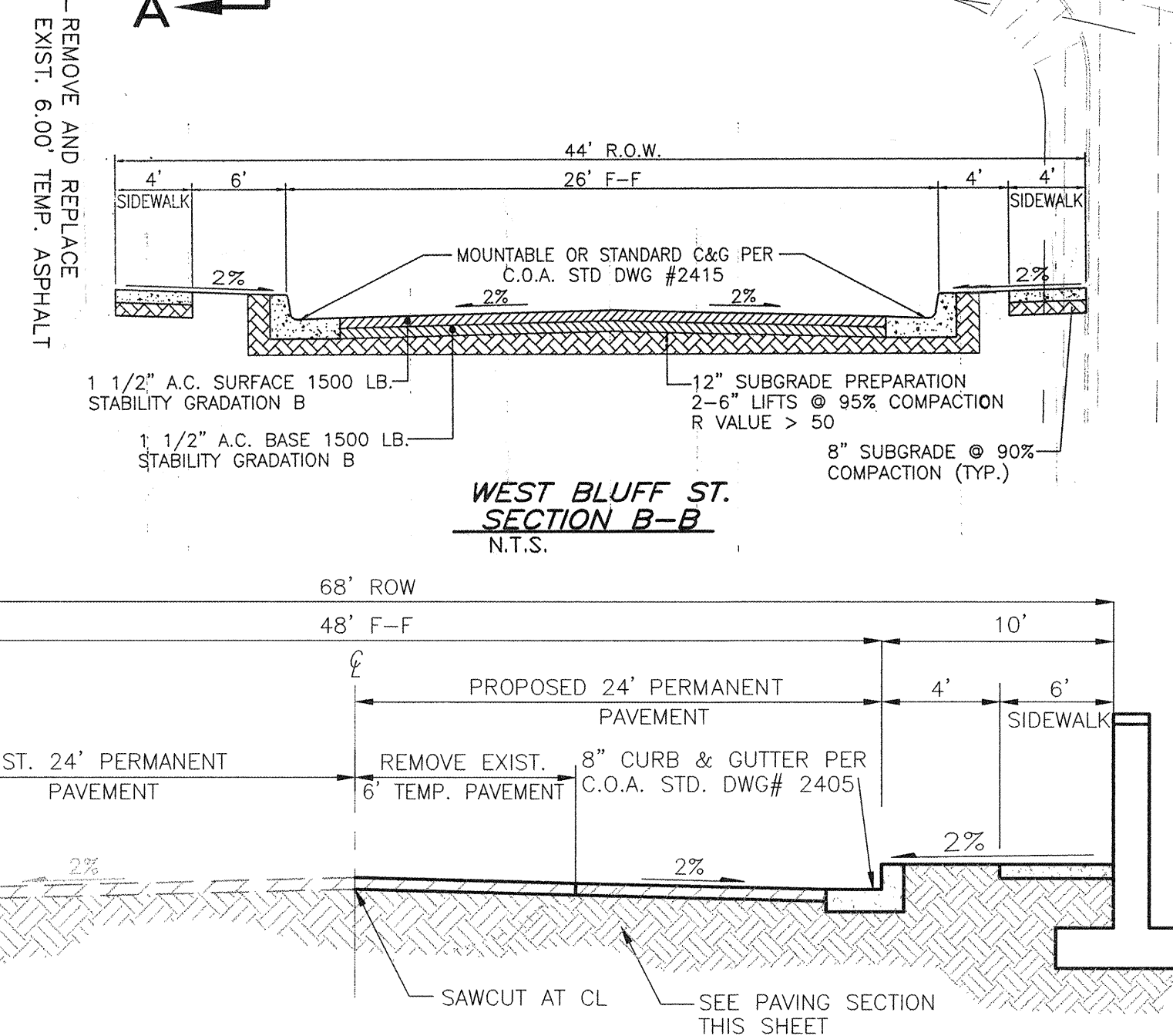
1. NEW 6' SIDEWALKS PER COA STANDARD DRAWING 2430.
2. STANDARD CURB AND GUTTER PER COA STANDARD DRAWING 2415.
3. MOUNTABLE CURB AND GUTTER PER COA STANDARD DRAWING 2415.
4. NEW WHEEL CHAIR RAMP PER COA STANDARD DRAWING 2441, CASE II.
5. NEW 4' SIDEWALKS PER COA STANDARD DRAWING 2430.
6. NEW 6' VALLEY GUTTER PER COA STANDARD DRAWING 2420.
7. NEW 10' VALLEY GUTTER PER COA STANDARD DRAWING 2422.
8. CROWN TRANSMISSION PER COA STANDARD DRAWING 2401.

LEGEND

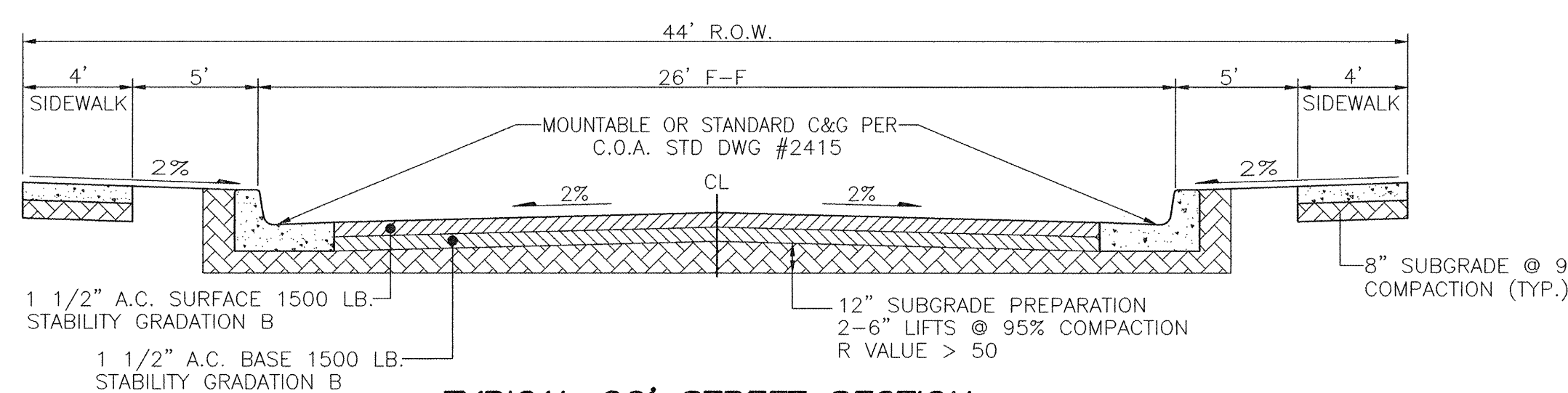
- BOUNDARY LINE
- LOT LINE
- NEW SIDEWALK
- NEW MOUNTABLE CURB & GUTTER
- NEW STANDARD CURB
- EXISTING CURB & GUTTER
- EXISTING CMU WALL
- NEW PERMANENT PAVEMENT
- REMOVE TEMPORARY ASPHALT AND REPLACE WITH PERMANENT PAVEMENT SEE SECTION A-A THIS SHEET
- NEW STREET LIGHT
- WHEELCHAIR RAMP



90TH STREET PAVING SECTION
PER CITY PROJECT NO. 593081



90TH STREET
SECTION A-A
N.T.S.



TYPICAL 26' STREET SECTION
N.T.S. (PER COA STD DWG 2405)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 3078.81 0404



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

ADVANCED ENGINEERING and CONSULTING, LLC
10205 SNOWFLAKE CT., NW
ALBUQUERQUE, NEW MEXICO 87114
(505)899-5570

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **MASTER PAVING PAVING IMPROVEMENTS**

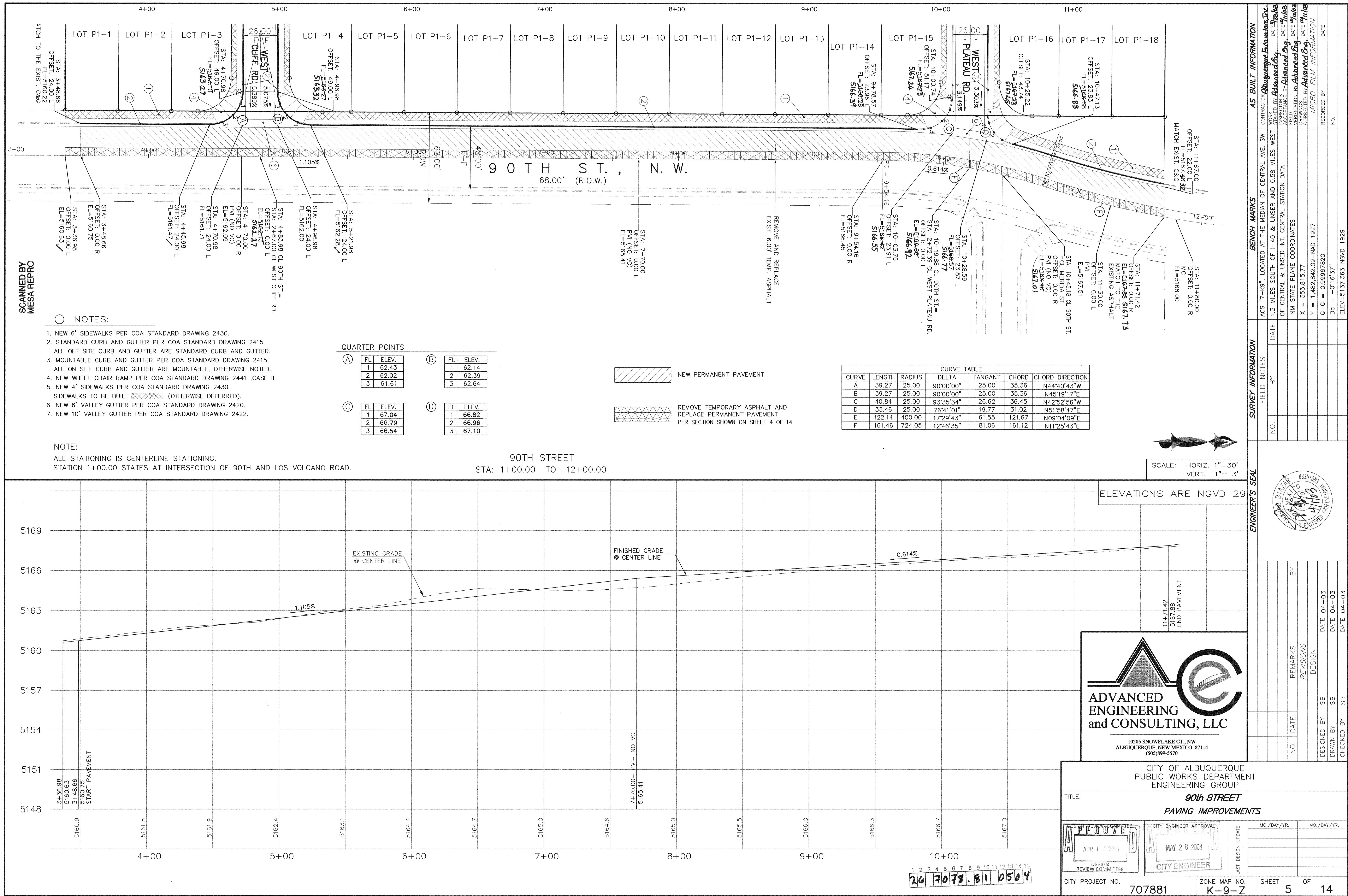
APPROVED
APR 14 2003
DESIGN REVIEW COMMITTEE

APPROVED
MAY 28 2003
CITY ENGINEER

LAST DESIGN UPDATE

CITY PROJECT NO. 707881
ZONE MAP NO. K-9-Z

SURVEY INFORMATION				ENGINEER'S SEAL			
NO.	BY	DATE	FIELD NOTES	NO.	BY	DATE	REMARKS
							REVISIONS
							DESIGN
					SB	DATE 04-03	
					SB	DATE 04-03	
					SB	DATE 04-03	
AS BUILT INFORMATION				BENCH MARKS			
CONTRACTOR	DATE	STARTED BY	DATE	ACS 7+K9, LOCATED AT THE MEDIAN OF CENTRAL AVE. SW	1.3 MILES SOUTH OF I-40 & UNSEER AND 0.88 MILES WEST	OF CENTRAL & UNSEER INT. CENTRAL STATION DATA	
INSPECTOR	DATE	FIELD CHECKED BY	DATE	NM STATE PLANE COORDINATES	X = 355,815.77	Y = 1,482,842.09	NAD 1927
VERIFICATION BY	DATE	CORRECTED BY	DATE	G-C = 0.99967820	Da = -016'37"	ELEV=5137.363	NGVD 1929
MICRO-FILM INFORMATION				RECORDED BY	NO.		



SCANNED BY
MESA REPRO

NOTES:

1. NEW 6' SIDEWALKS PER COA STANDARD DRAWING 2430.
2. STANDARD CURB AND GUTTER PER COA STANDARD DRAWING 2415.
ALL OFF SITE CURB AND GUTTER ARE STANDARD CURB AND GUTTER.
3. MOUNTABLE CURB AND GUTTER PER COA STANDARD DRAWING 2415.
ALL ON SITE CURB AND GUTTER ARE MOUNTABLE, OTHERWISE NOTED.
4. NEW WHEEL CHAIR RAMP PER COA STANDARD DRAWING 2441 ,CASE II.
5. NEW 4' SIDEWALKS PER COA STANDARD DRAWING 2430.
SIDEWALKS TO BE BUILT (OTHERWISE DEFERRED).
6. NEW 6' VALLEY GUTTER PER COA STANDARD DRAWING 2420.
7. NEW 10' VALLEY GUTTER PER COA STANDARD DRAWING 2422.

NOTE:

ALL STATIONING IS CENTERLINE STATIONING.

QUARTER POINTS

FL	ELEV.
1	62.43
2	62.02
3	61.61

FL	ELEV.
1	62.14
2	62.39
3	62.64

FL	ELEV.
1	64.81
2	64.59
3	64.36

FL	ELEV.
1	64.36
2	64.59
3	64.81

NEW PERMANENT PAVEMENT

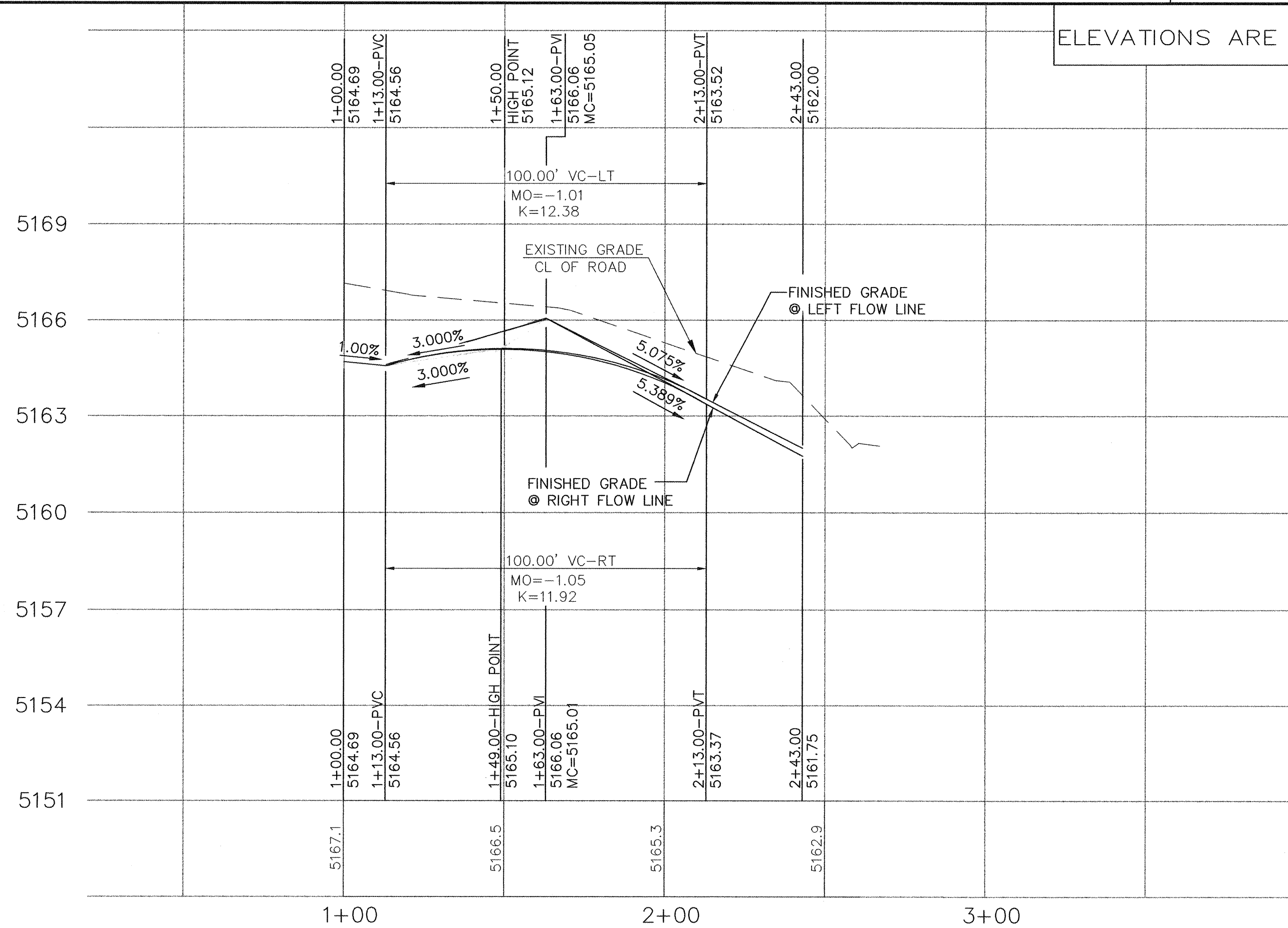
REMOVE TEMPORARY ASPHALT AND
REPLACE PERMANENT PAVEMENT
PER SECTION SHOWN ON SHEET 4 OF 14

SCALE: HORIZ. 1"=30'
VERT. 1"= 3'

WEST CLIFF

STA: 1+00.00 TO 2+67.00

ELEVATIONS ARE NGVD 29



NOTES:

1. NEW 6' SIDEWALKS PER COA STANDARD DRAWING 2430.
2. STANDARD CURB AND GUTTER PER COA STANDARD DRAWING 2415.
ALL OFF SITE CURB AND GUTTER ARE STANDARD CURB AND GUTTER.
3. MOUNTABLE CURB AND GUTTER PER COA STANDARD DRAWING 2415.
ALL ON SITE CURB AND GUTTER ARE MOUNTABLE, OTHERWISE NOTED.
4. NEW WHEEL CHAIR RAMP PER COA STANDARD DRAWING 2441 ,CASE II.
5. NEW 4' SIDEWALKS PER COA STANDARD DRAWING 2430.
SIDEWALKS TO BE BUILT (OTHERWISE DEFERRED).
6. NEW 6' VALLEY GUTTER PER COA STANDARD DRAWING 2420.
7. NEW 10' VALLEY GUTTER PER COA STANDARD DRAWING 2422.

NOTE:

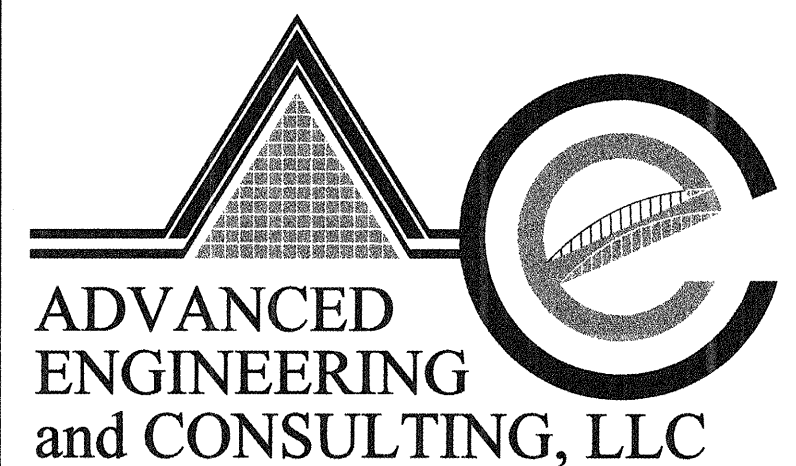
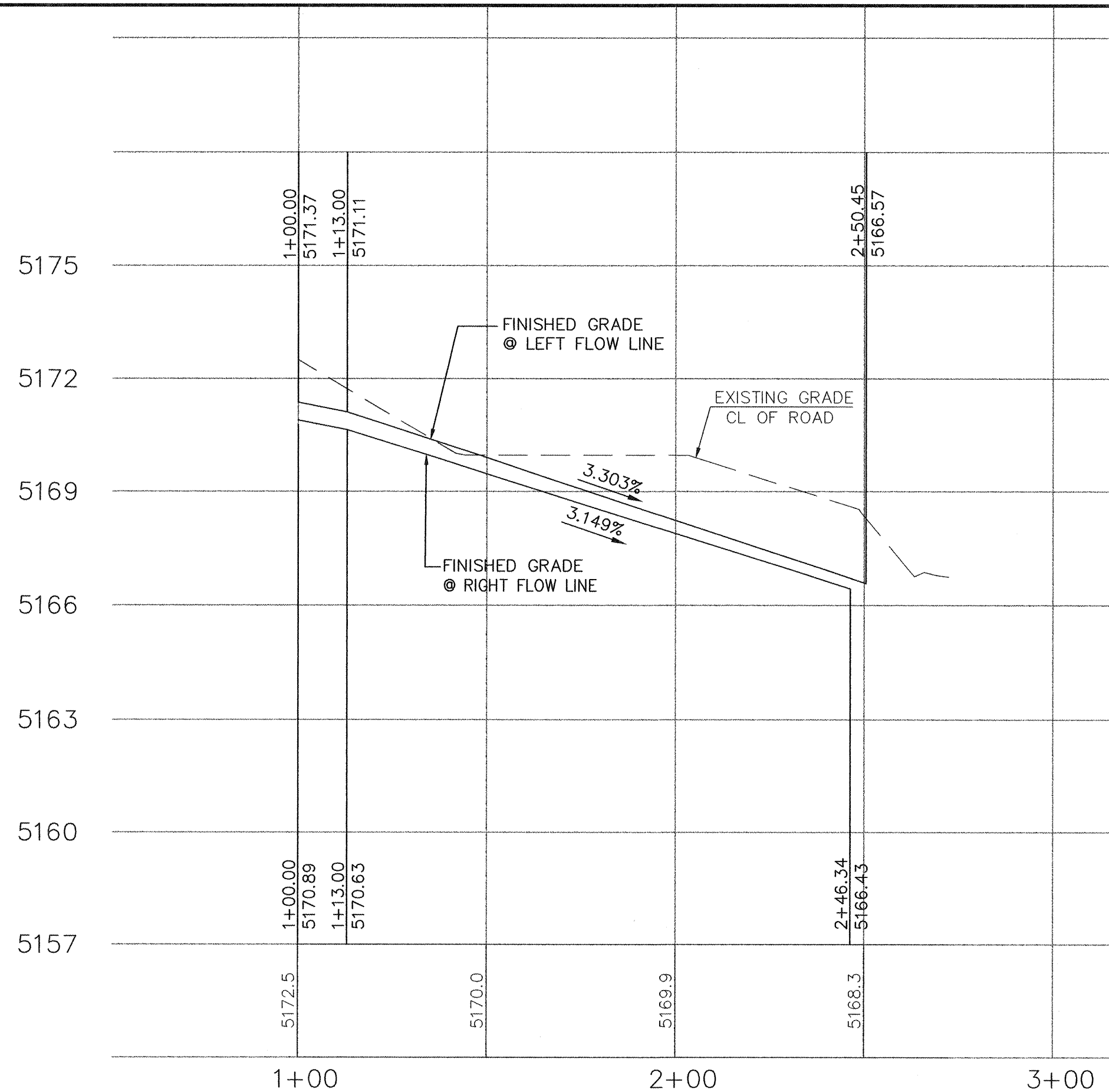
ALL STATIONING IS CENTERLINE STATIONING.

WEST PLATEAU

STA: 1+00.00 TO 2+72.39

SCALE: HORIZ. 1"=30'
VERT. 1"= 3'

ELEVATIONS ARE NGVD 29



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **WEST CLIFF RD. AND WEST PLATEAU RD.
PAVING IMPROVEMENTS**

DESIGNED BY	SB	DATE	04-03
DRAWN BY	SB	DATE	04-03
CHECKED BY	SB	DATE	04-03

CITY PROJECT NO. **707881** ZONE MAP NO. **K-9-Z** SHEET **6** OF **14**

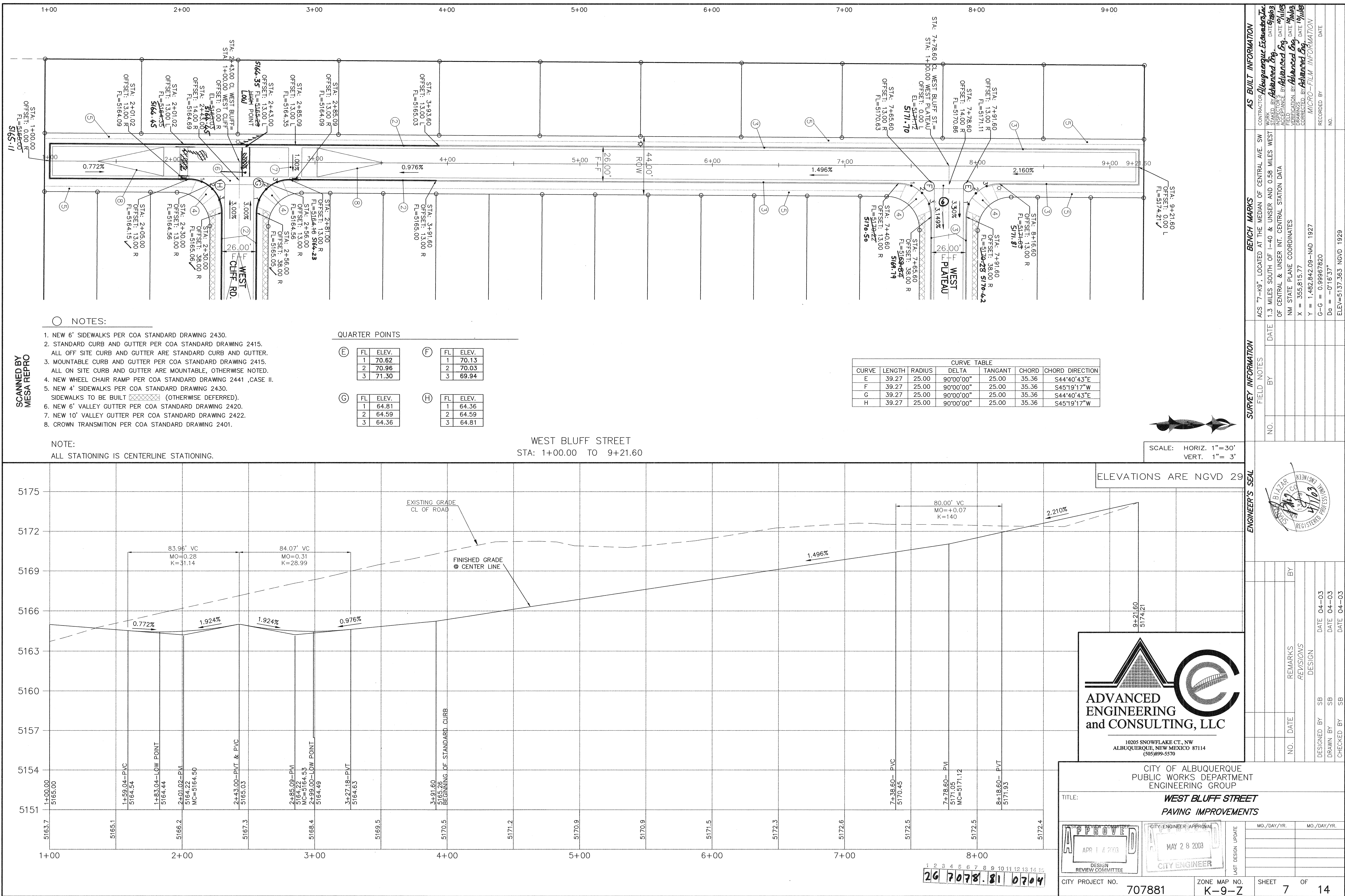
CONTRACTOR: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
WORK: **PAVING IMPROVEMENTS**
DATE: **04/03/2003**
BY: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
DRAWINGS: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
CORRECTED BY: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
RECORDED BY: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
NO.

AS BUILT INFORMATION
WORK: **PAVING IMPROVEMENTS**
DATE: **04/03/2003**
BY: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
DRAWINGS: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
CORRECTED BY: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
RECORDED BY: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
NO.

SURVEY INFORMATION
DATE: **04/03/2003**
BY: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
NO.

ENGINEER'S SEAL
DATE: **04/03/2003**
BY: **Advanced Engineering and Consulting, LLC**
DATE: **04/03/2003**
NO.

REVISIONS
DATE: **04-03**
BY: **SB**



- NOTES:
- NEW 6' SIDEWALKS PER COA STANDARD DRAWING 2430.
 - STANDARD CURB AND GUTTER PER COA STANDARD DRAWING 2415.
 - ALL OFF SITE CURB AND GUTTER ARE STANDARD CURB AND GUTTER.
 - MOUNTABLE CURB AND GUTTER PER COA STANDARD DRAWING 2415.
 - ALL ON SITE CURB AND GUTTER ARE MOUNTABLE, OTHERWISE NOTED.
 - NEW WHEEL CHAIR RAMP PER COA STANDARD DRAWING 2441 ,CASE II.
 - NEW 4' SIDEWALKS PER COA STANDARD DRAWING 2430.
 - SIDEWALKS TO BE BUILT (OTHERWISE DEFERRED).
 - NEW 6' VALLEY GUTTER PER COA STANDARD DRAWING 2420.
 - NEW 10' VALLEY GUTTER PER COA STANDARD DRAWING 2422.
 - CROWN TRANSITION PER COA STANDARD DRAWING 2401.

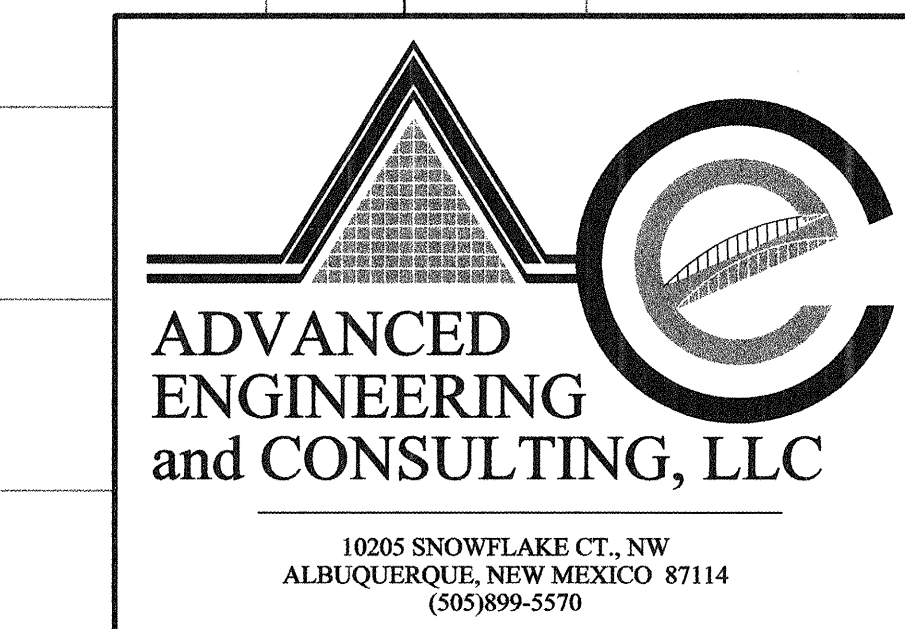
NOTE:
ALL STATIONING IS CENTERLINE STATIONING.

QUARTER POINTS

E	FL	ELEV.	F	FL	ELEV.
	1	70.62		1	70.13
	2	70.96		2	70.03
	3	71.30		3	69.94

G	FL	ELEV.	H	FL	ELEV.
	1	64.81		1	64.36
	2	64.59		2	64.59
	3	64.36		3	64.81

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	CHORD DIRECTION
E	39.27	25.00	90°00'00"	25.00	35.36	S44°40'43"E
F	39.27	25.00	90°00'00"	25.00	35.36	S45°19'17"W
G	39.27	25.00	90°00'00"	25.00	35.36	S44°40'43"E
H	39.27	25.00	90°00'00"	25.00	35.36	S45°19'17"W



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **WEST BLUFF STREET
PAVING IMPROVEMENTS**

APPROVED: APR 1 4 2003
DESIGN REVIEW COMMITTEE

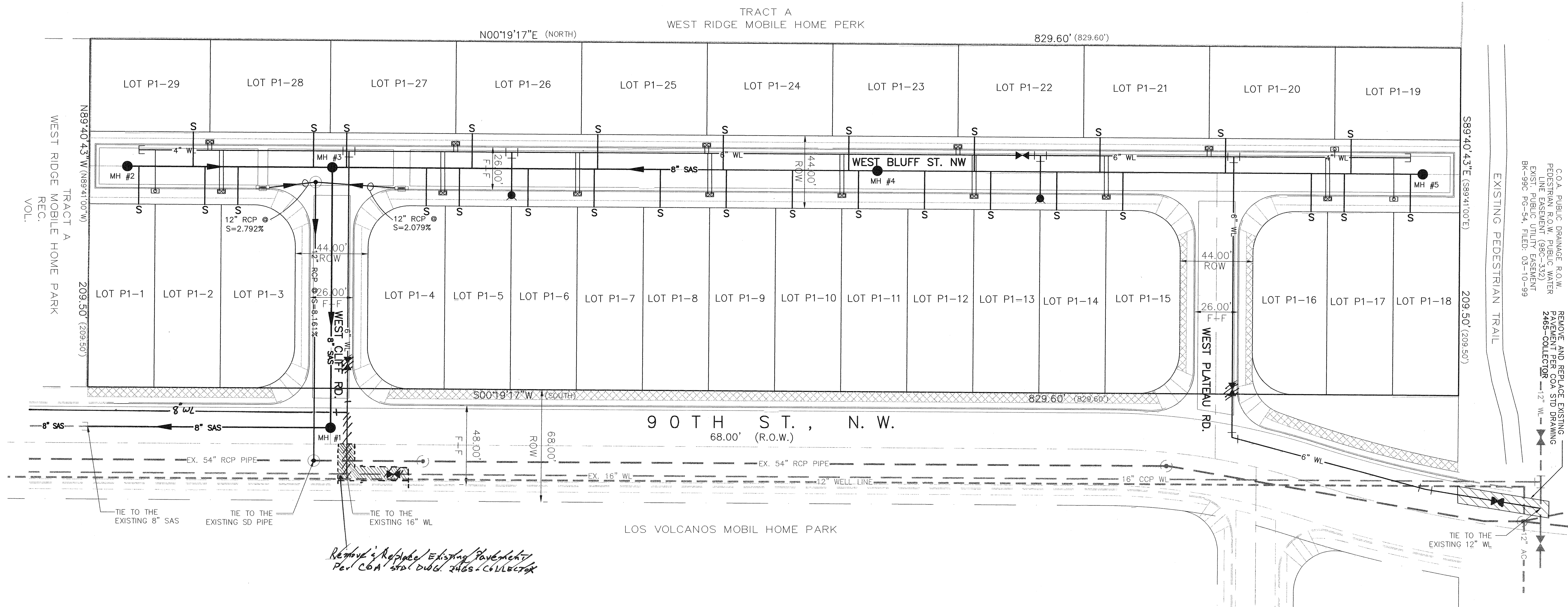
CITY ENGINEER APPROVAL: MAY 2 8 2003
CITY ENGINEER

LAST DESIGN UPDATE

DESIGNED BY: SB DATE: 04-03
DRAWN BY: SB DATE: 04-03
CHECKED BY: SB DATE: 04-03

CITY PROJECT NO. 707881 ZONE MAP NO. K-9-Z SHEET 7 OF 14

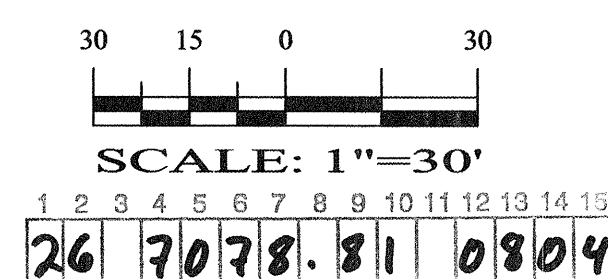
SCANNED BY
MESA REPRO



LEGEND

- | | |
|--|----------------------|
| | EXISTING SAS MANHOLE |
| | EXISTING SD MANHOLE |
| | EXISTING 54" SD |
| | EXISTING 8" SAS |
| | EXISTING 16" WL |
| | NEW 8" SAS |
| | NEW 6" WL |
| | NEW 12" SD |
| | NEW SAS SERVICE |
| | NEW WATER SERVICE |
| | NEW SAS MANHOLE |
| | STORM SEWER MANHOLE |
| | SINGLE SERVICE METER |
| | DOUBLE SERVICE METER |
| | NEW GATE VALVE |
| | NEW FIRE HYDRANT |
| | TEE |
| | CAP (WL) |
| | NEW CATCH BASIN |

GRAPHIC SCALE



LEGAL DESCRIPTION:

TRACT 6, LANDS OF C.H. HALL



SHAHAB BIAZAR
P.E. #13479

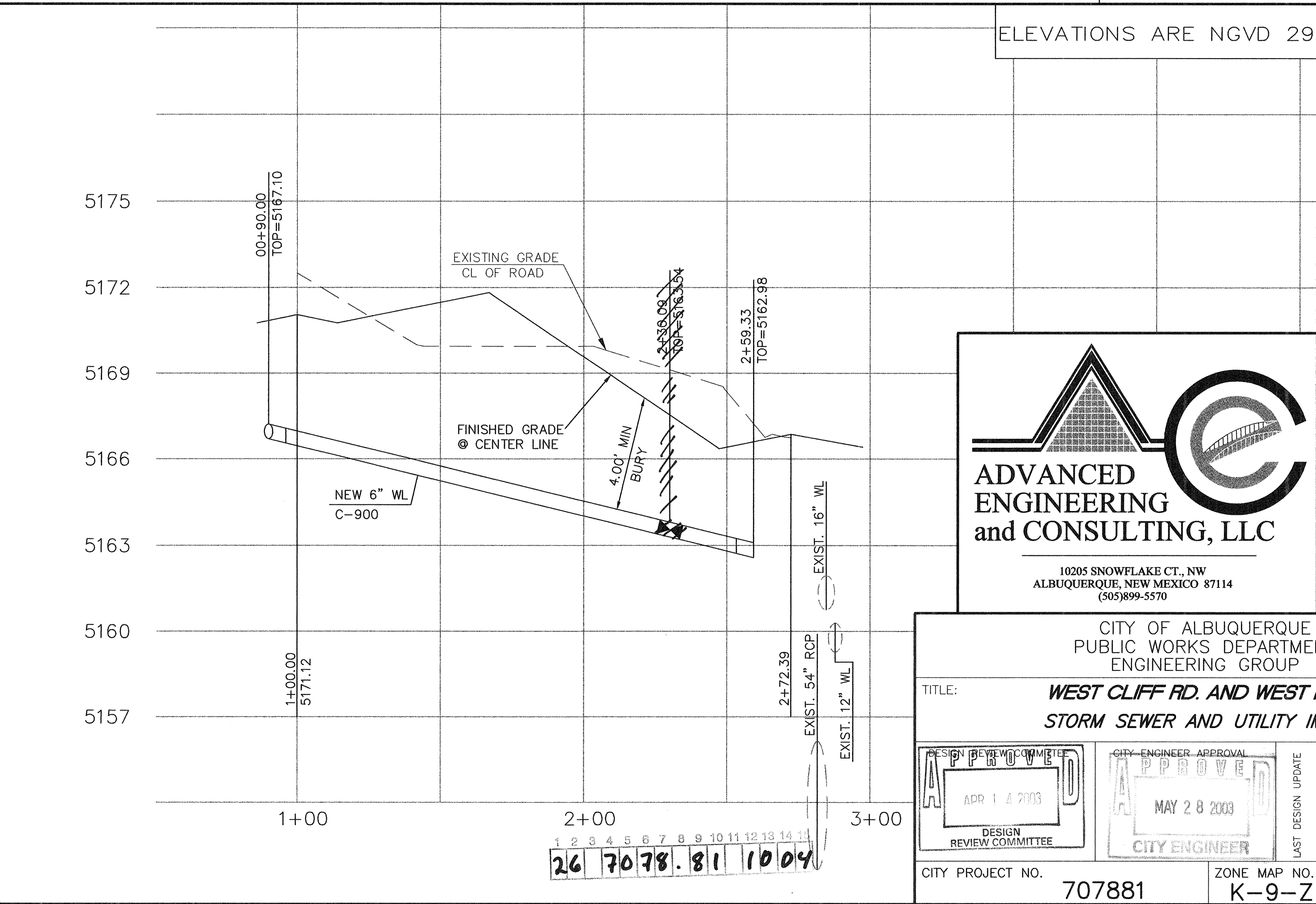
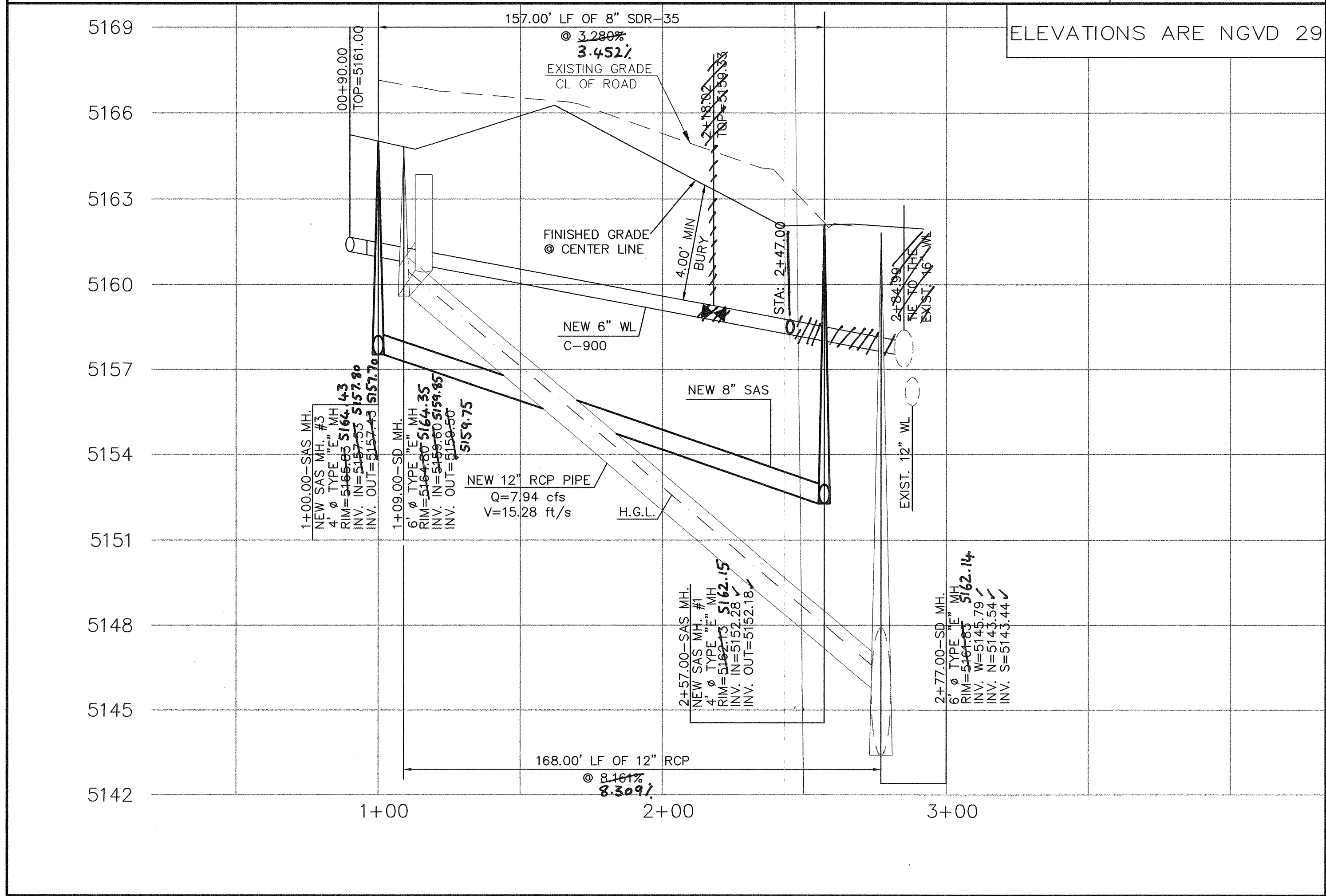
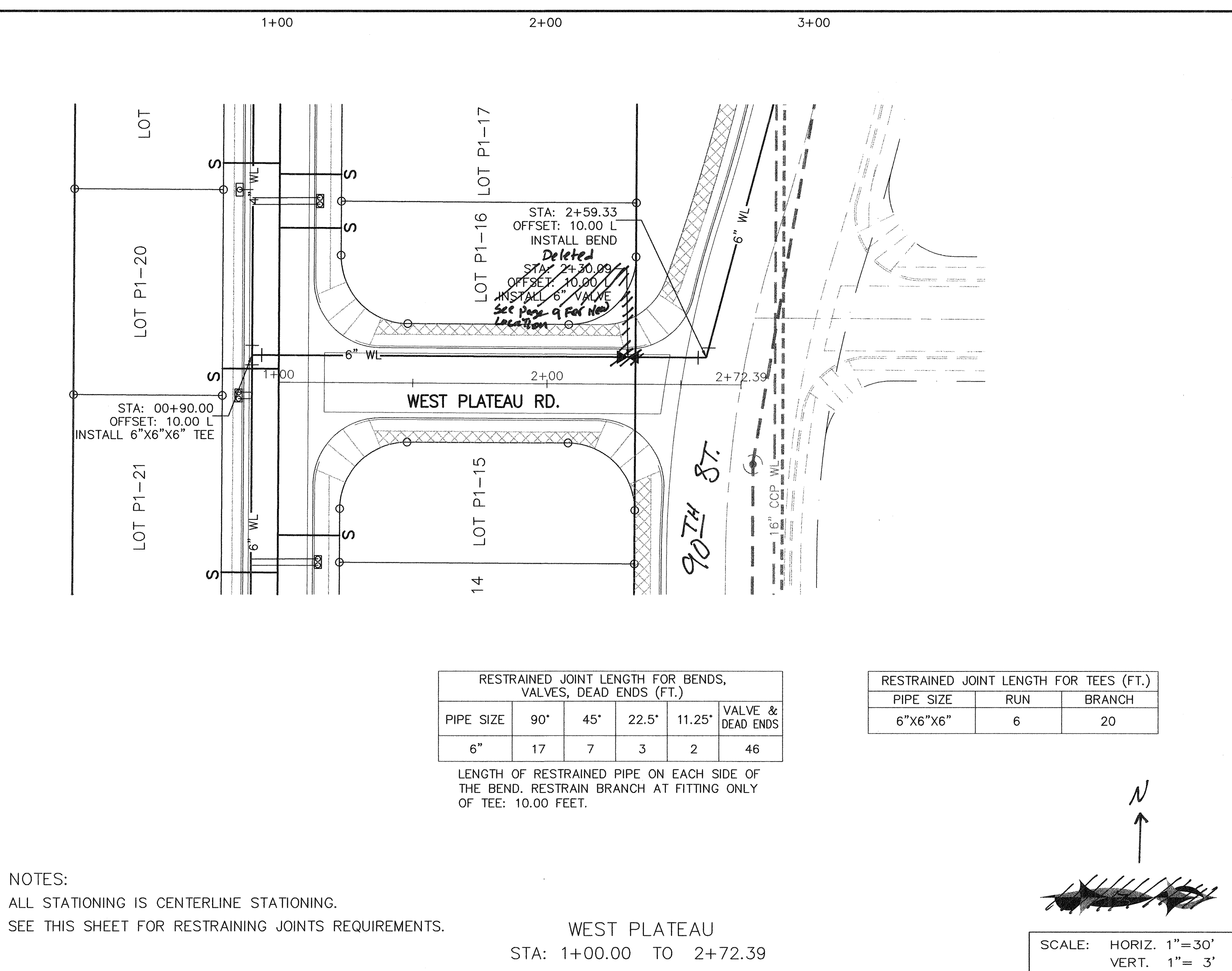
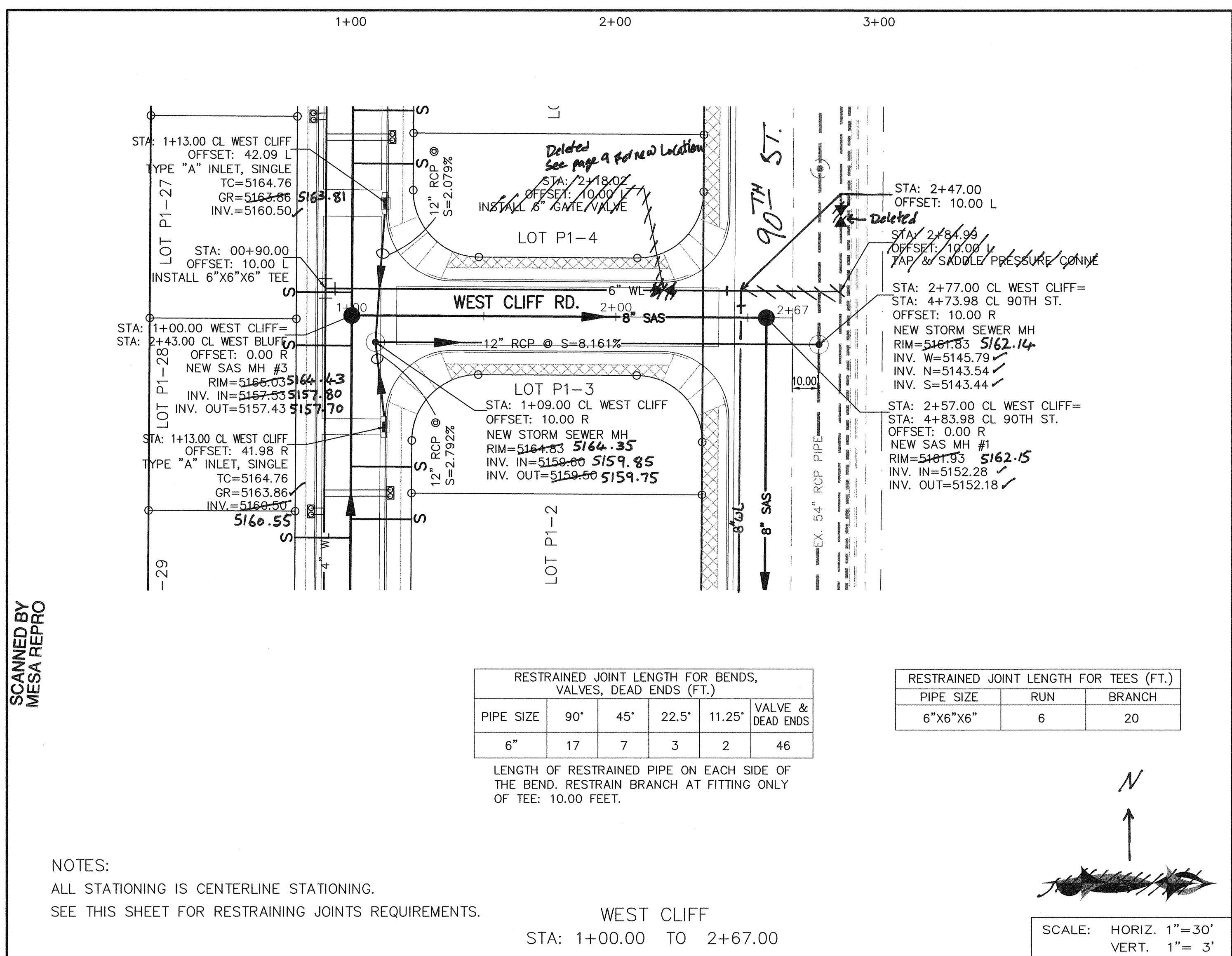


10205 SNOWLAKE CT., NW
ALBUQUERQUE, NEW MEXICO 87114
(505)899-5570

WEST PLATEAU MH SUBDIVISION
MASTER UTILITY PLAN

DRAWING: 200226-MU.DWG	DRAWN BY: SHH	DATE: 02-24-03	SHEET # 8 OF 14
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LAST REVISION: 02-24-03



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **WEST CLIFF RD. AND WEST PLATEAU RD.
STORM SEWER AND UTILITY IMPROVEMENTS**

DESIGN REVIEW COMMITTEE
APPROVED
APR 1 8 2003
DESIGN REVIEW COMMITTEE

CITY ENGINEER
APPROVED
MAY 2 8 2003
CITY ENGINEER

MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO. **707881** ZONE MAP NO. **K-9-Z** SHEET **10** OF **14**

AS BUILT INFORMATION

CONTRACTOR: **Albuquerque Excavators, Inc.** WORK: **STORM SEWER AND UTILITY IMPROVEMENTS** DATE: **04/03/03**

BENCH MARKS

ACS 77-K9, LOCATED AT THE MEDIAN OF CENTRAL AVE. SW 1.3 MILES SOUTH OF I-40 & UNSER AND 0.58 MILES WEST OF CENTRAL & UNSER INT. CENTRAL STATION DATA

FIELD NOTES

NO. BY DATE

NO. STATE PLANE COORDINATES

X = 355,815.77 Y = 1,482,842.09 -NAD 1927

G-G = 0.9967820 Da = -0'16.37" ELEV=5137.363 NGVD 1929

RECORDING BY: **NO.** DATE

ENGINEER'S SEAL

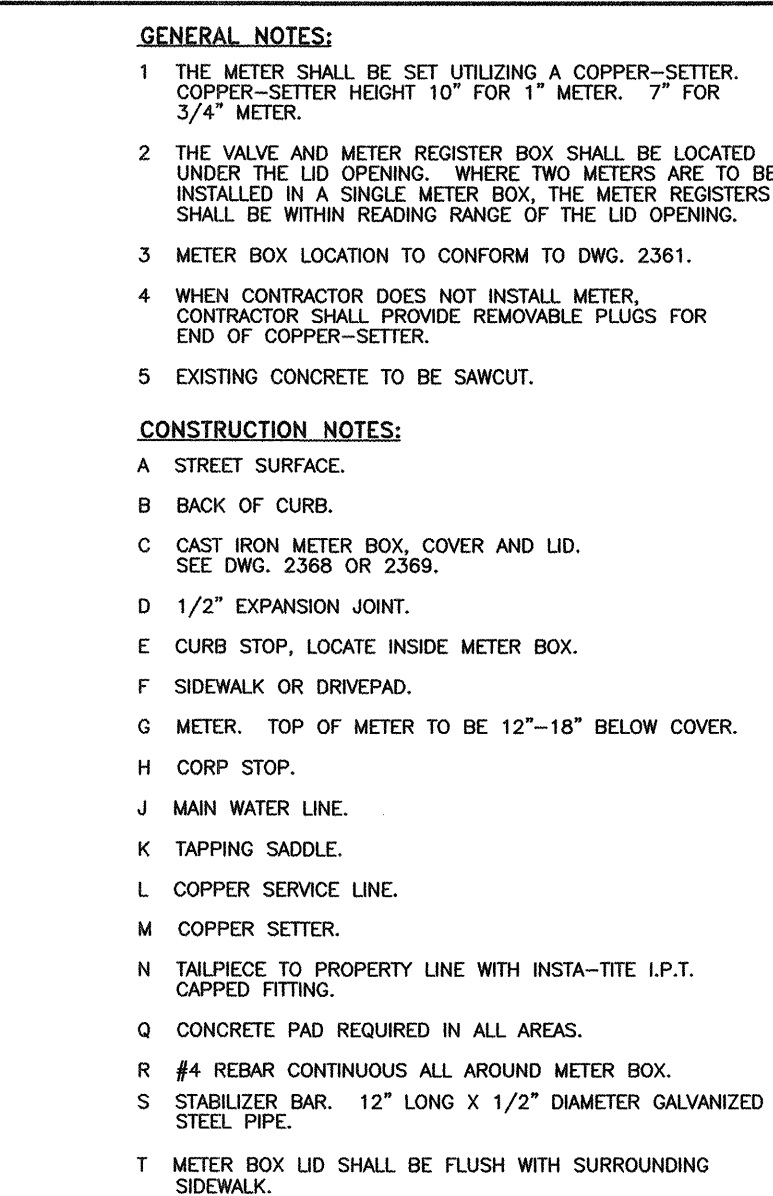
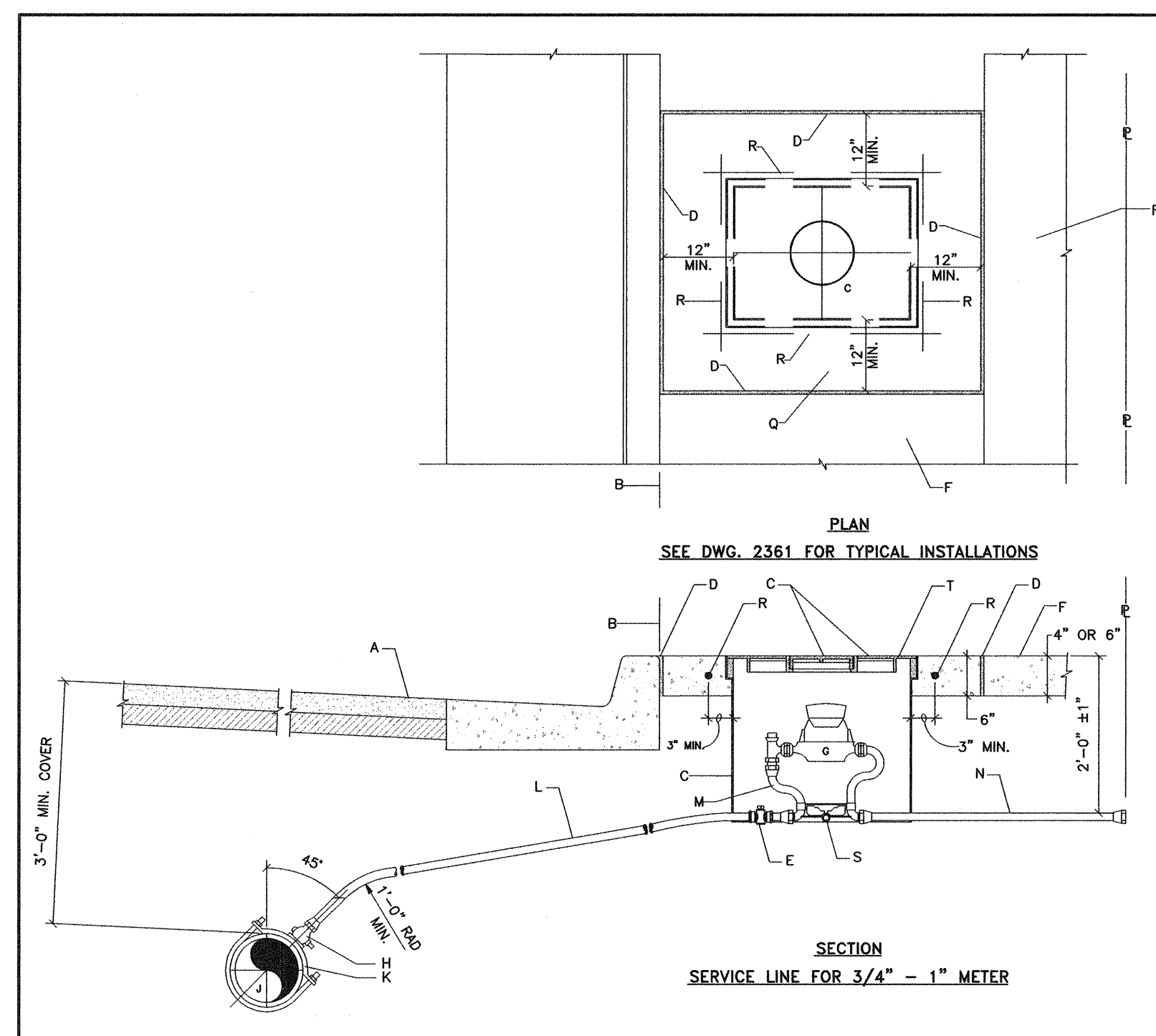
NO. DATE REMARKS

DESIGNED BY: **SB** DATE: **04-03**

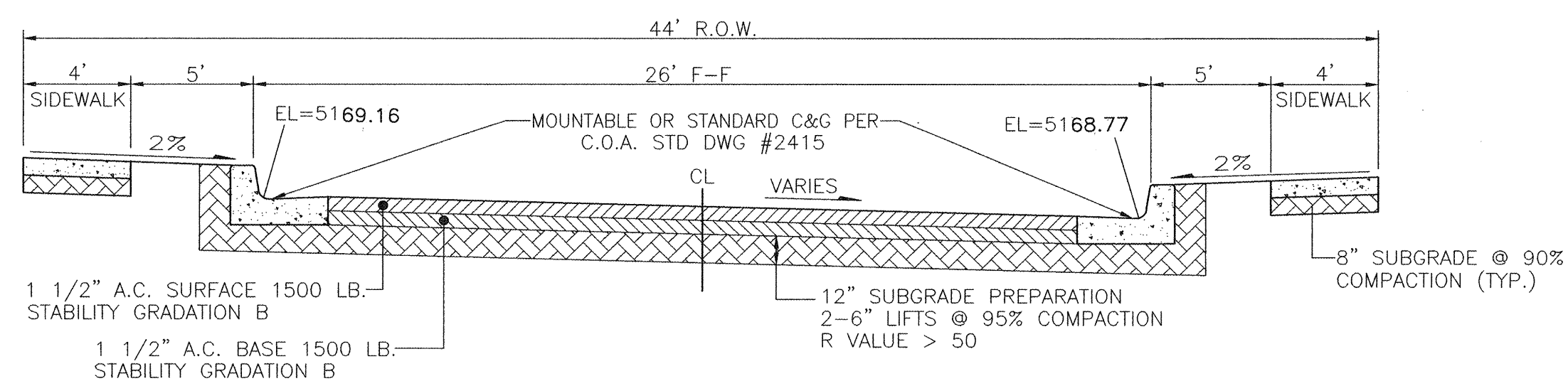
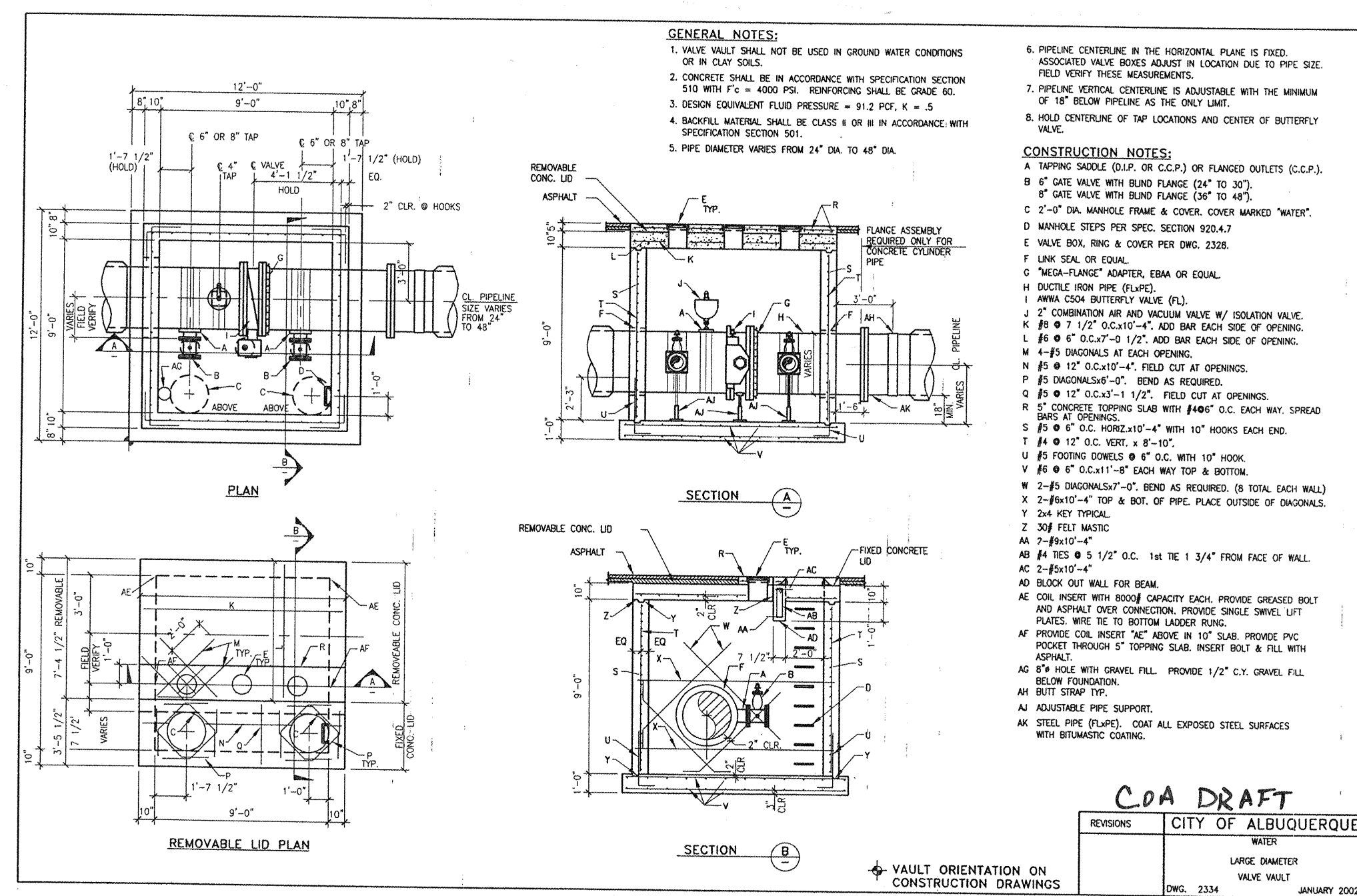
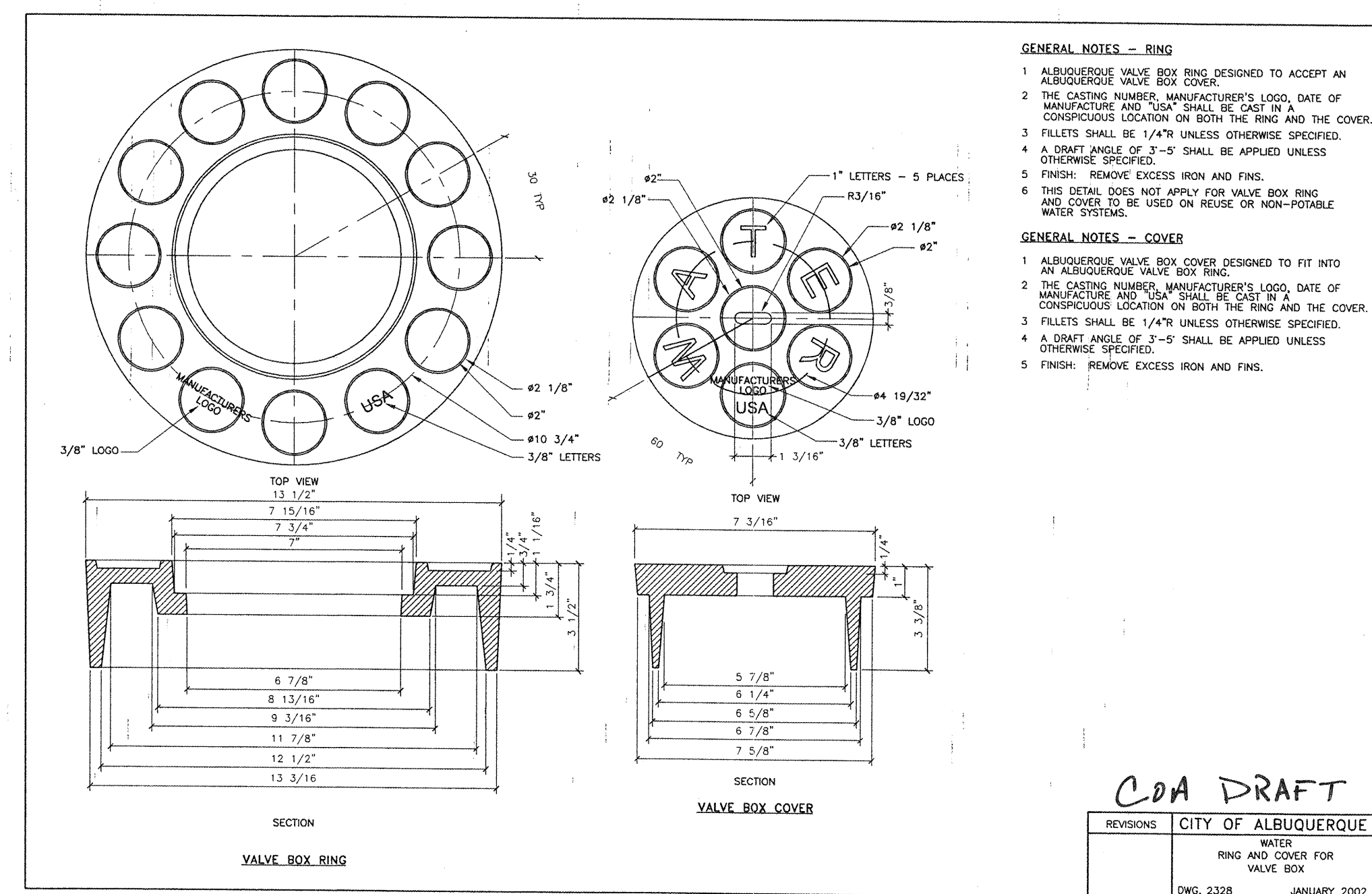
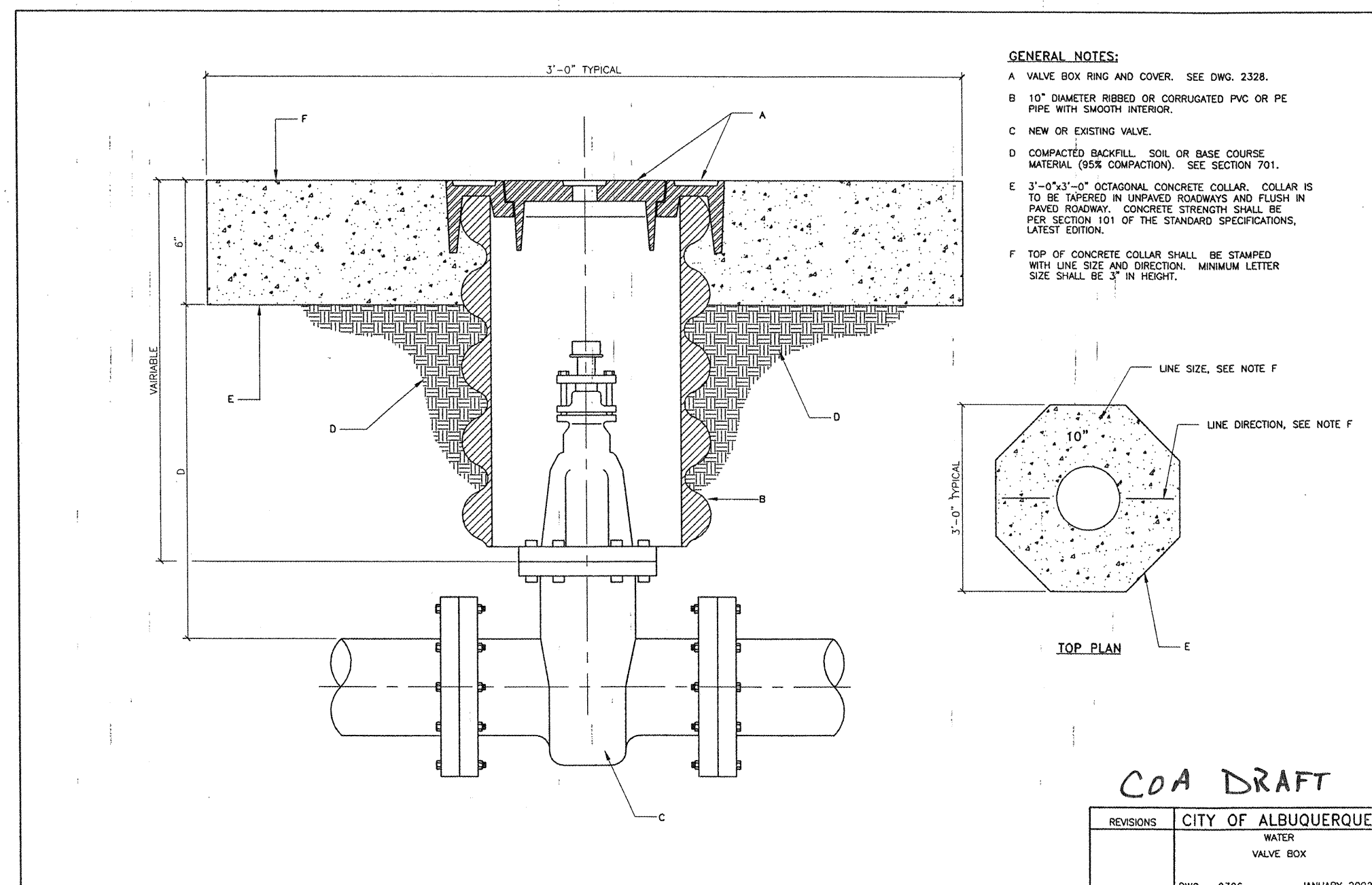
DRAWN BY: **SB** DATE: **04-03**

CHECKED BY: **SB** DATE: **04-03**

1. ONLY C.O.A. 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 VALVES INDICATED ON THE PLAN BELOW ().



COA DRAFT	
REVISIONS	CITY OF ALBUQUERQUE DRAFT
	WATER
	3/4" - 1" METERED SERVICE
	LINE INSTALLATION
DWG. 2362	MAR 2001



WEST PLATEAU ROAD SECTION B-B
N.T.S. (PER COA STD DWG 2405)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
26		7	0	7	8	.	8	1			1	2	0	4



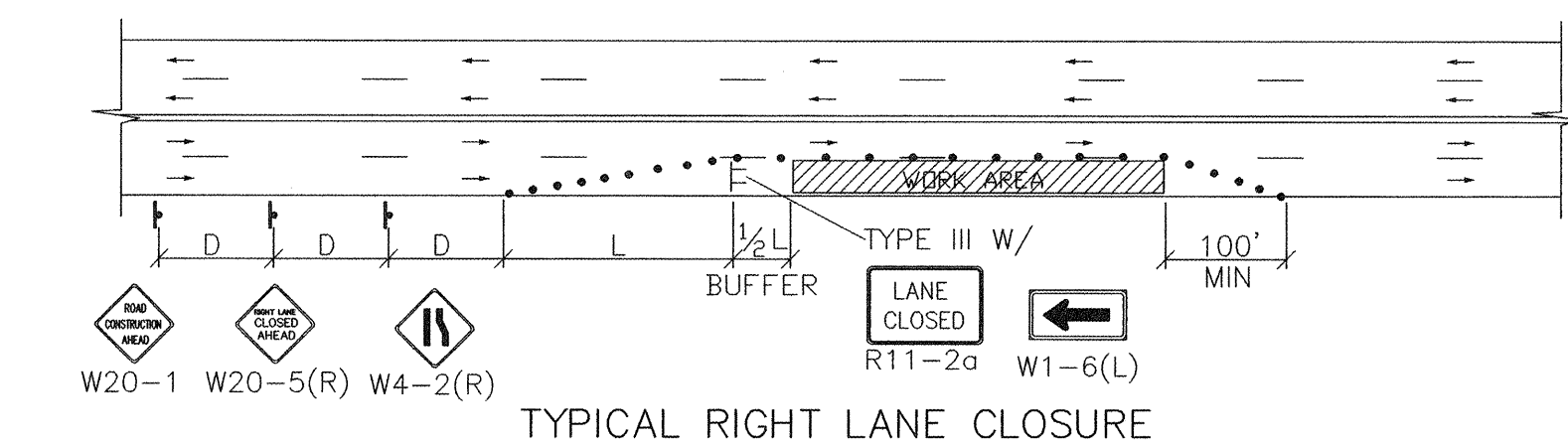
**ADVANCED
ENGINEERING
and CONSULTING, LLC**

10205 SNOWFLAKE CT. NW
ALBUQUERQUE, NEW MEXICO 87114
(505)899-5570

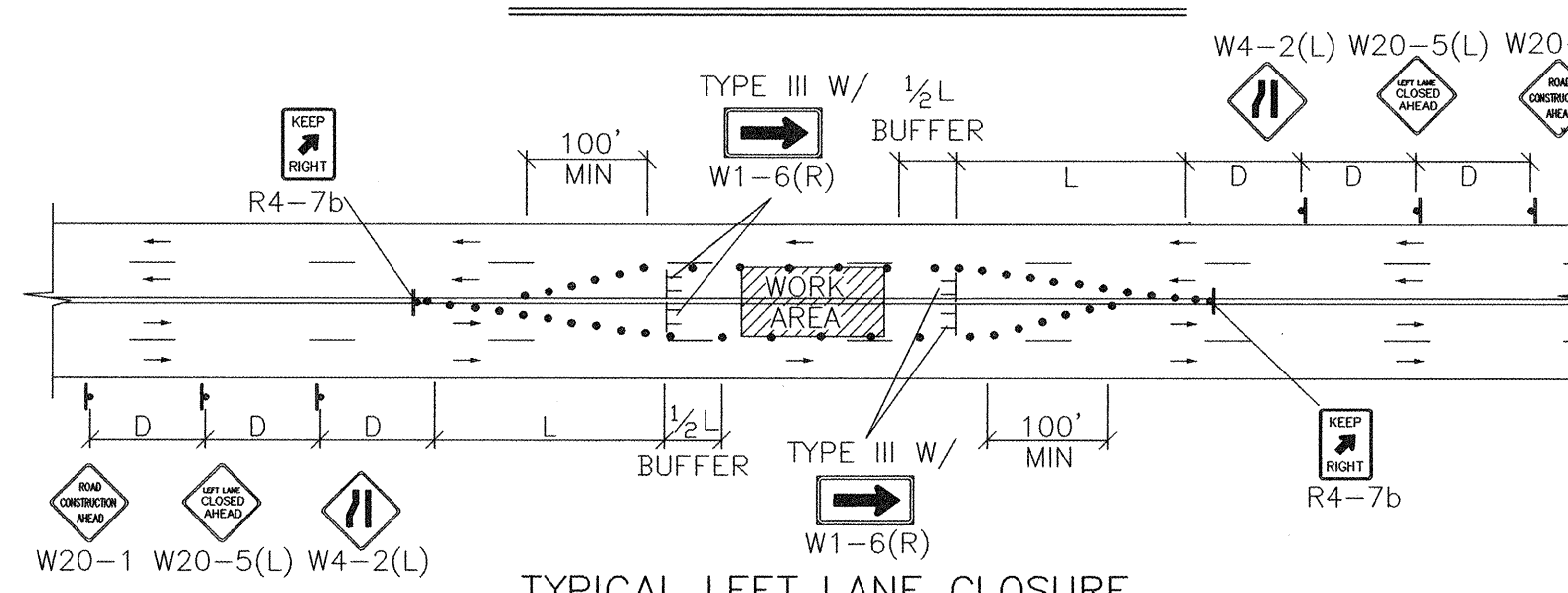
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: *DETAIL SHEET*
MISCELLANEOUS PLANS

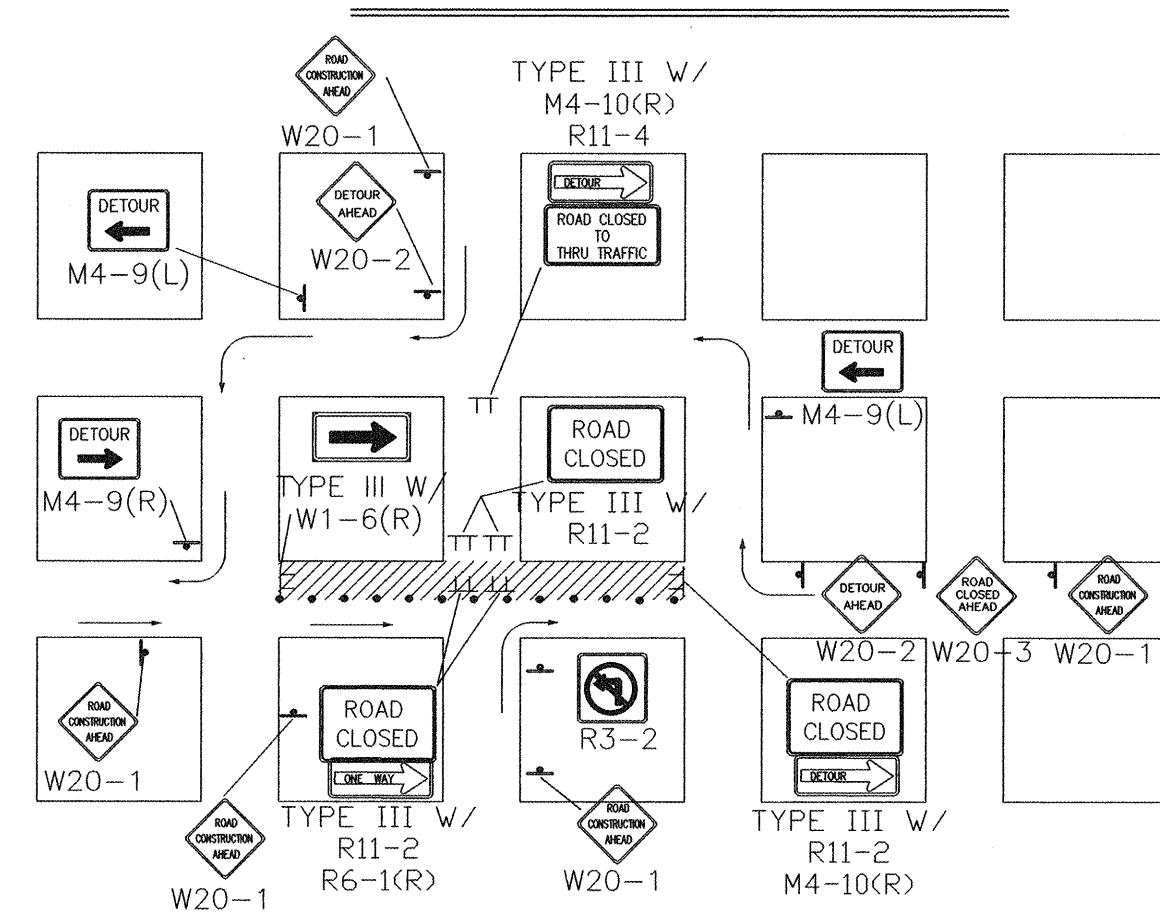
DESIGN REVIEW COMMITTEE 		CITY ENGINEER - APPROVAL 		LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.		ZONE MAP NO.	SHEET		OF	
707881		K-9-Z	12	14		



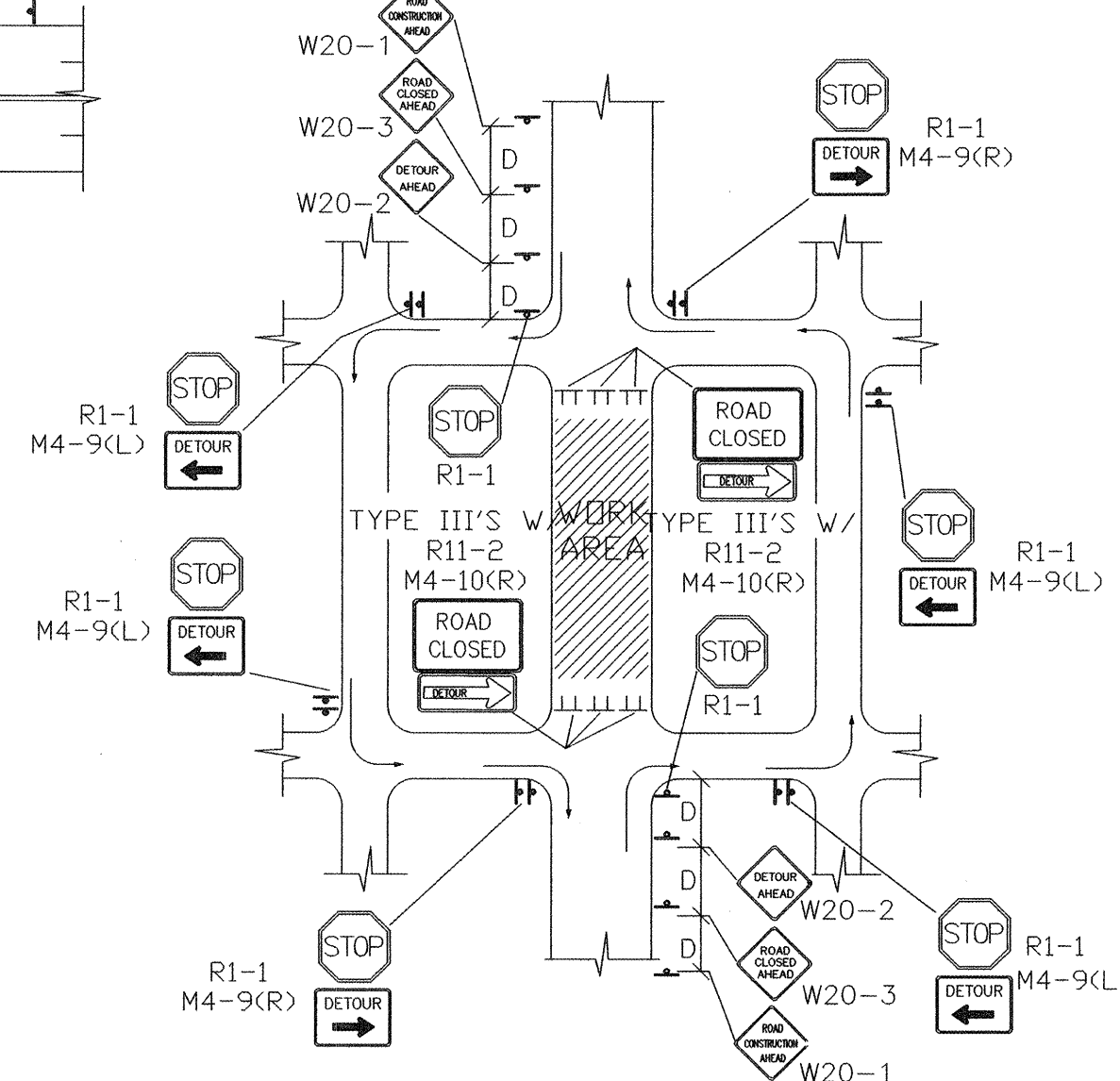
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE

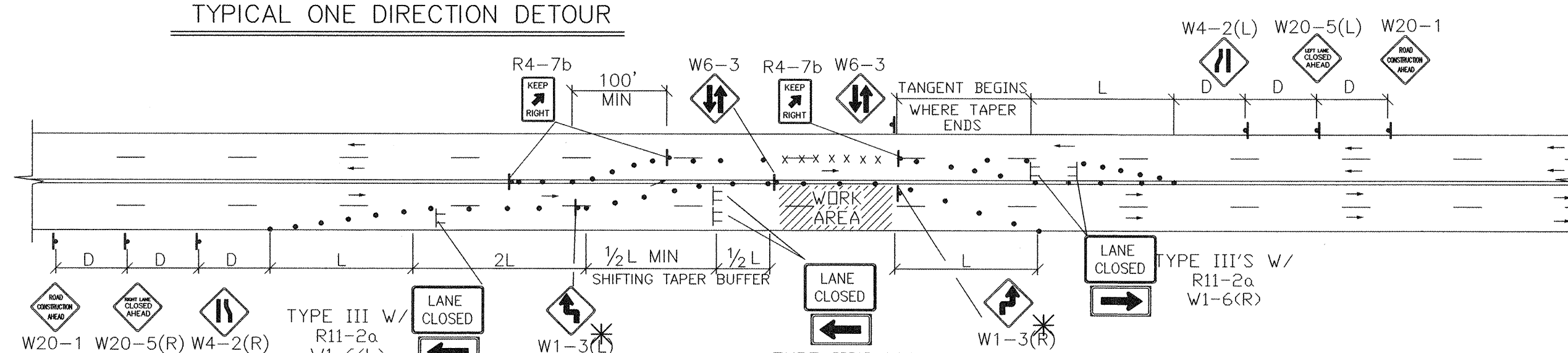


TYPICAL ONE DIRECTION DETOUR

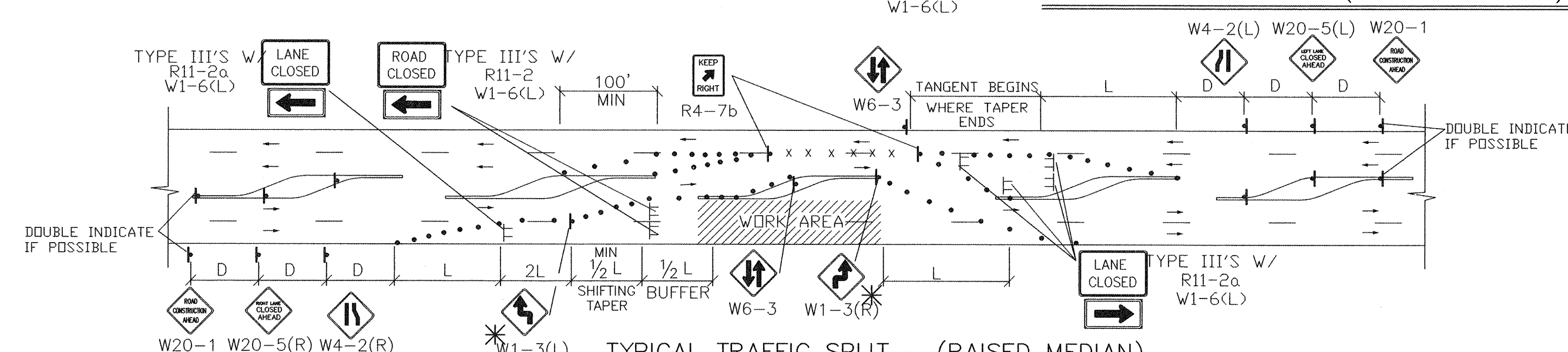


TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS



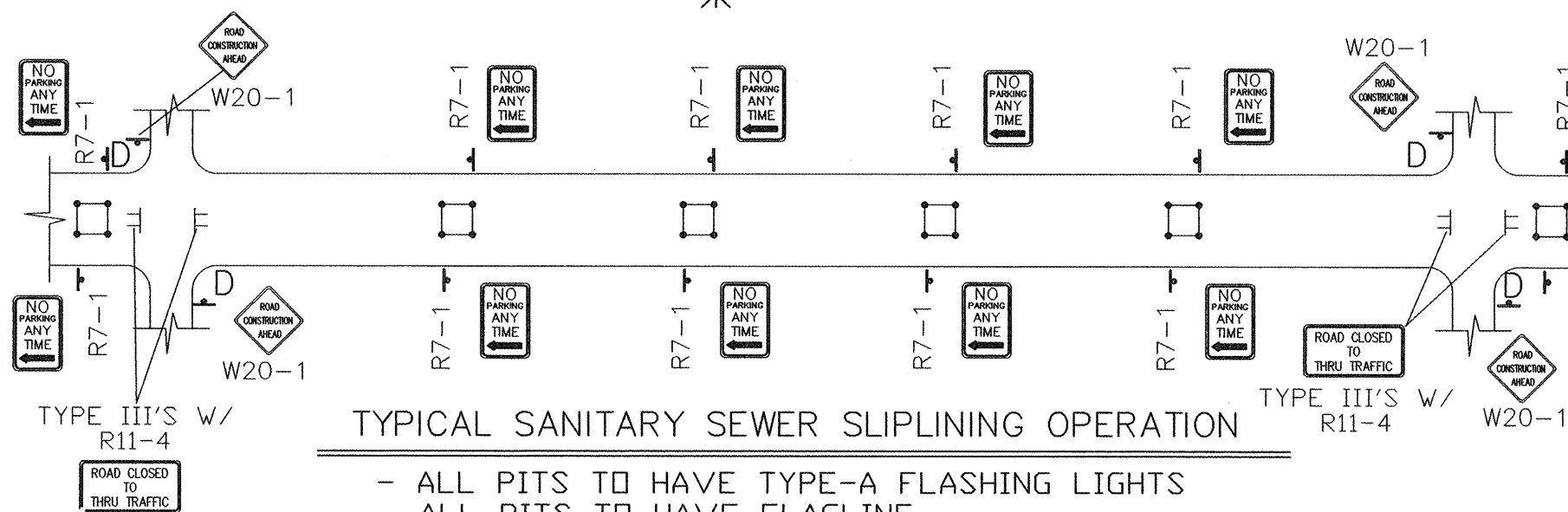
TYPICAL TRAFFIC SPLIT—(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT – (RAISED MEDIAN)

TRAFFIC SPLIT NOTES:

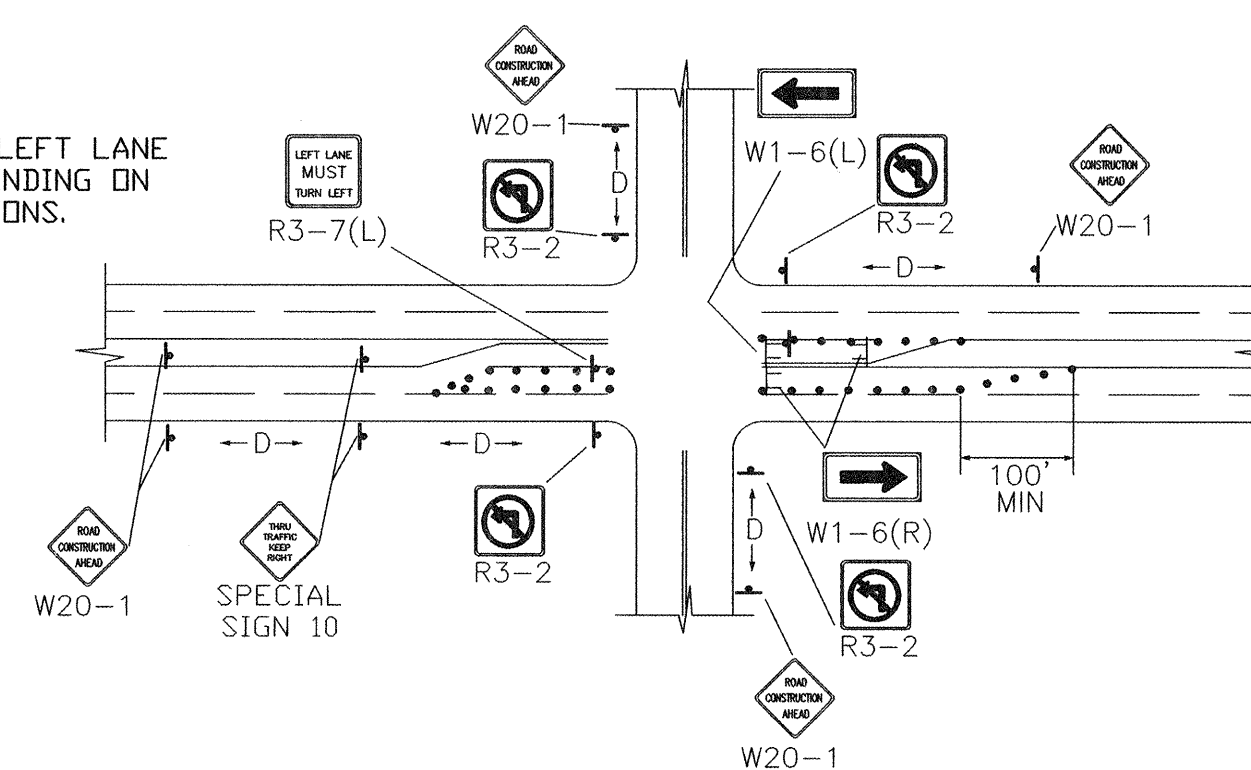
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCE SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS THE MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 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

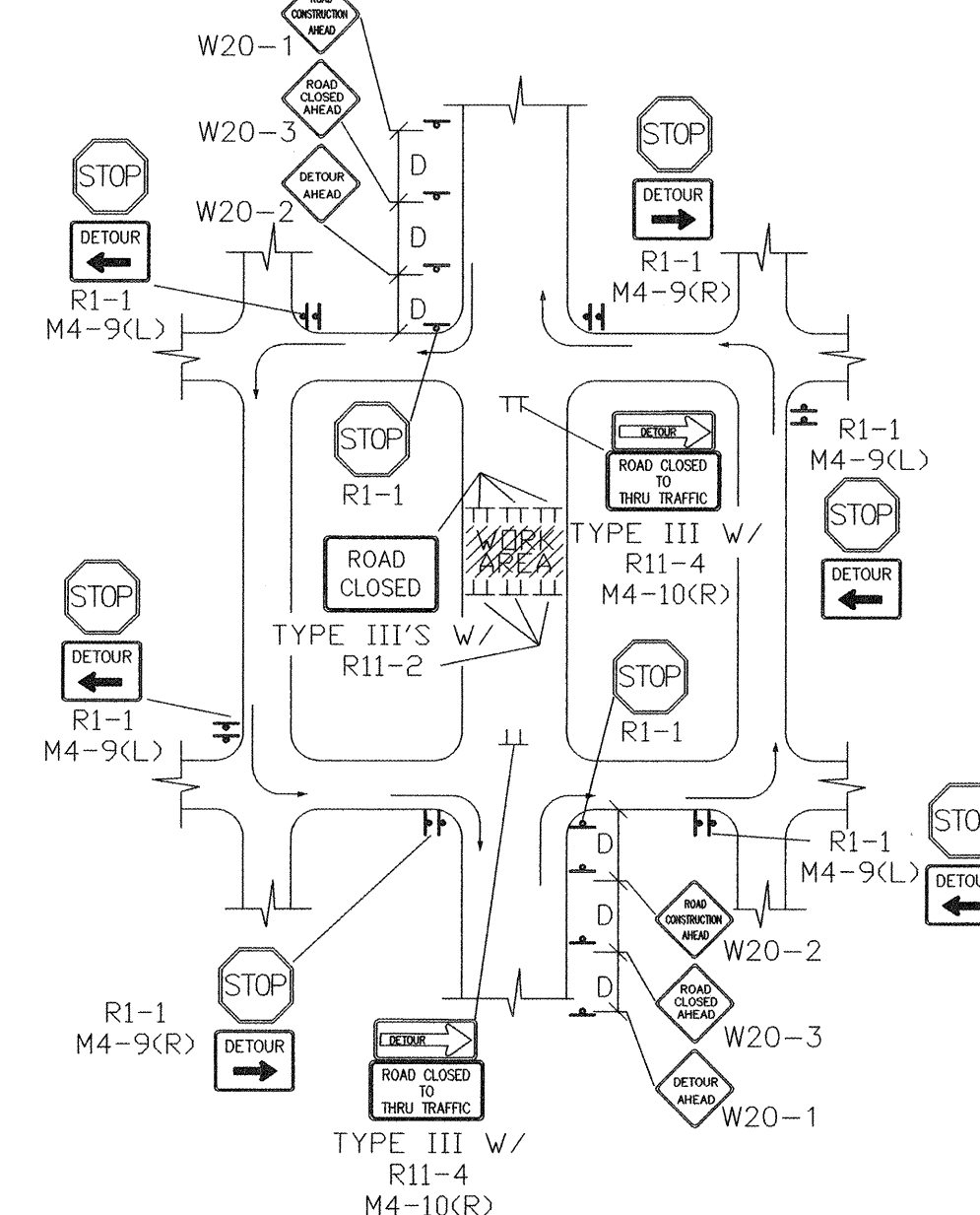
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

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



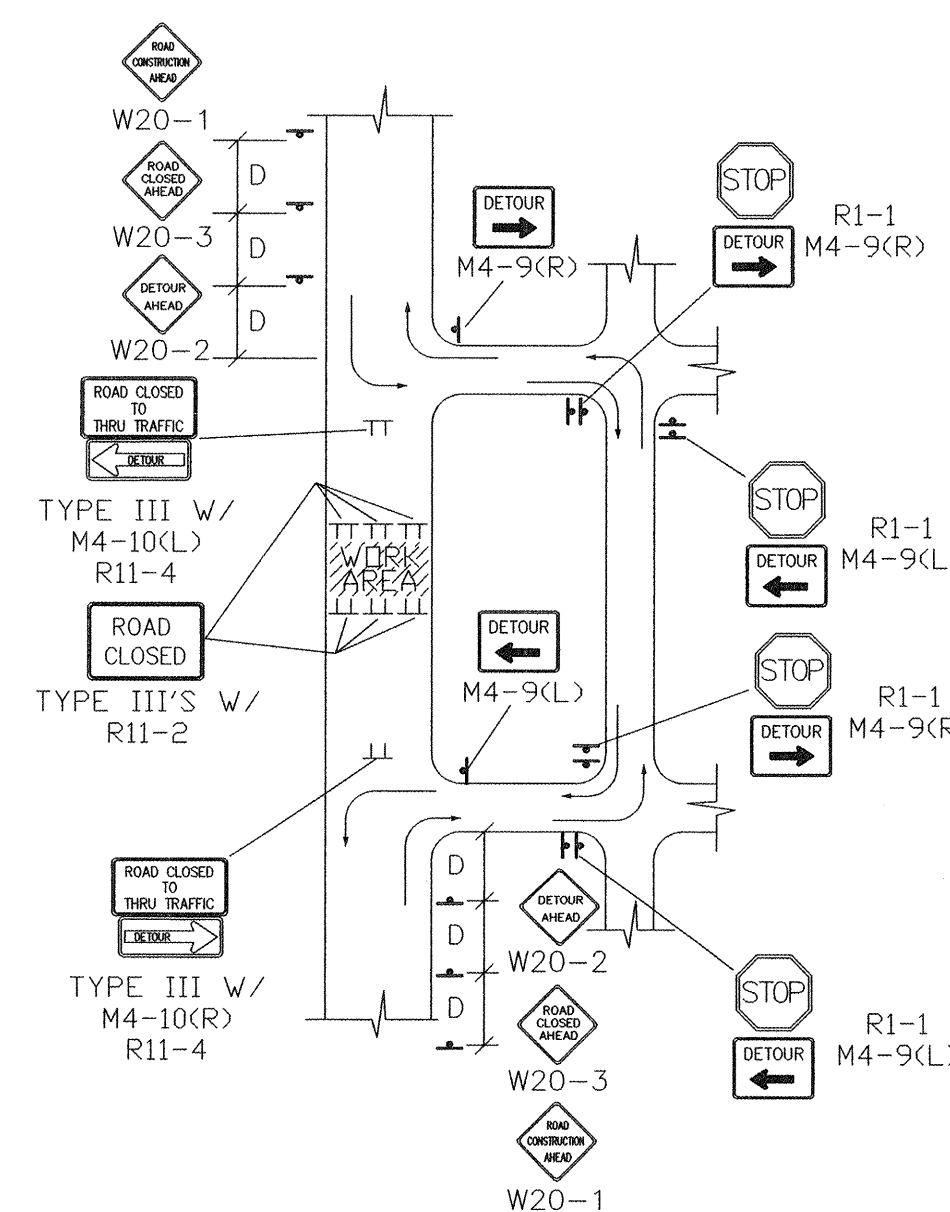
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION



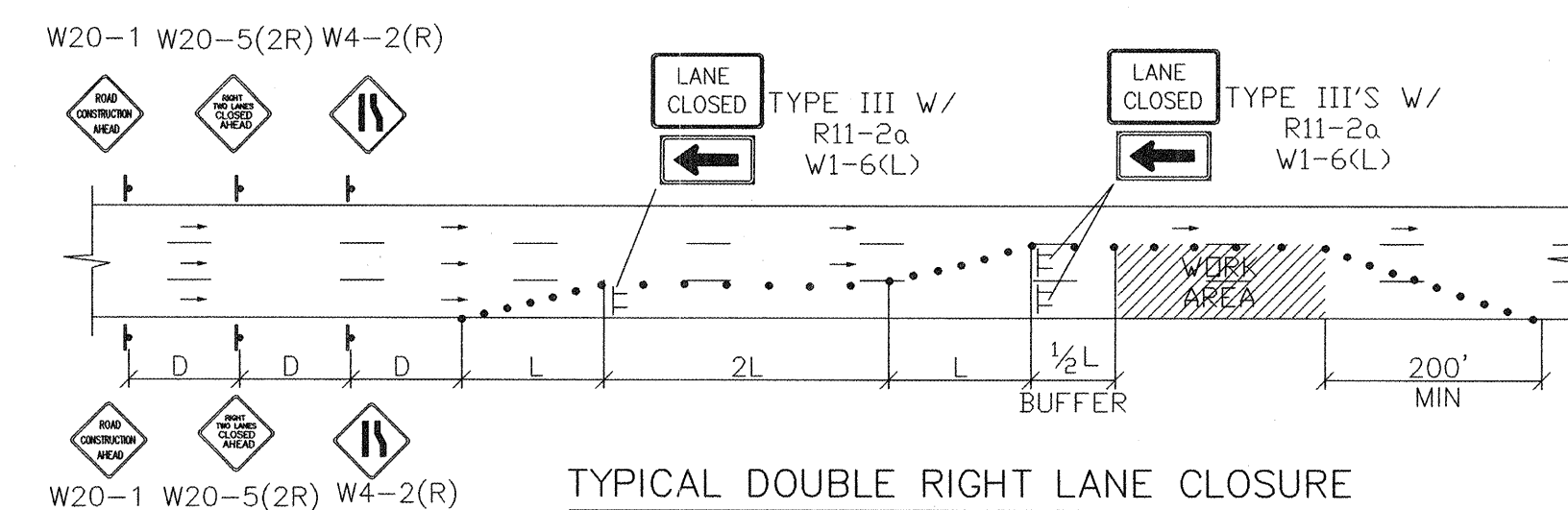
TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS

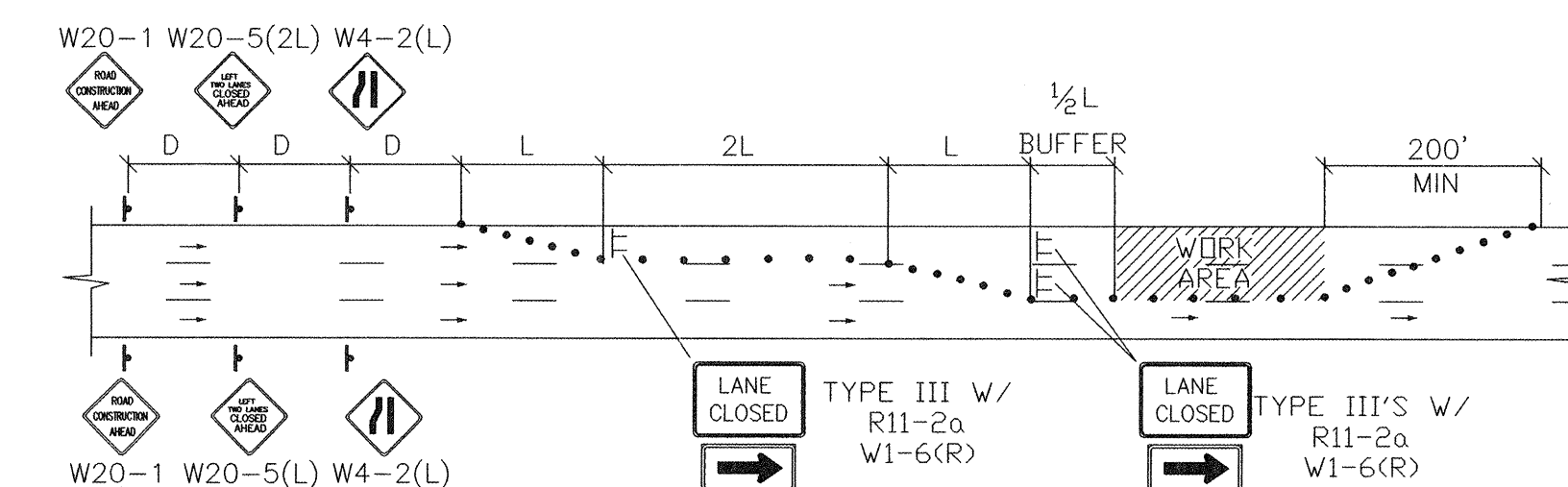


TYPICAL STREET CLOSURE

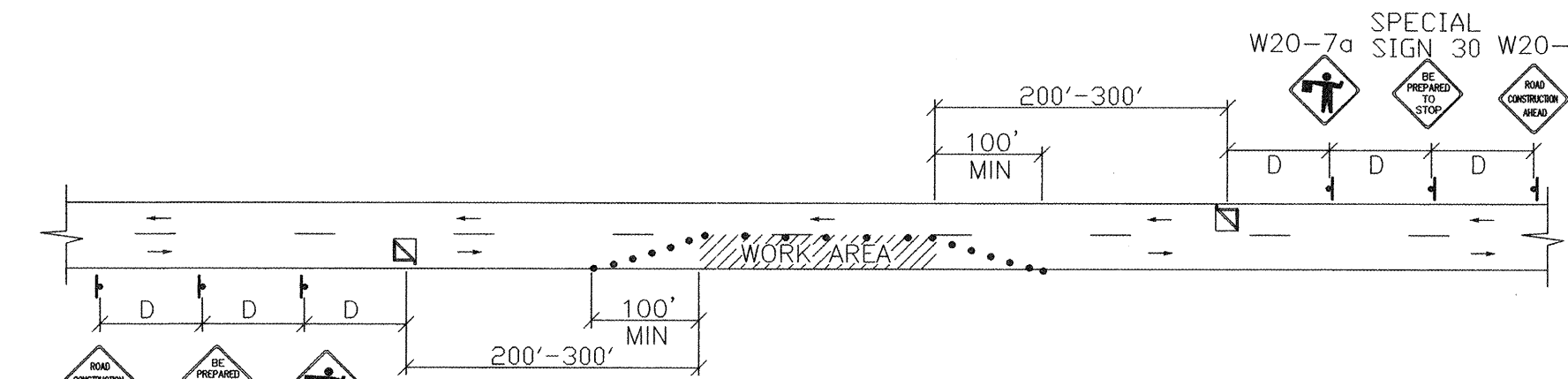
NOTE: (R1-1) BASED ON FIELD CONDITIONS



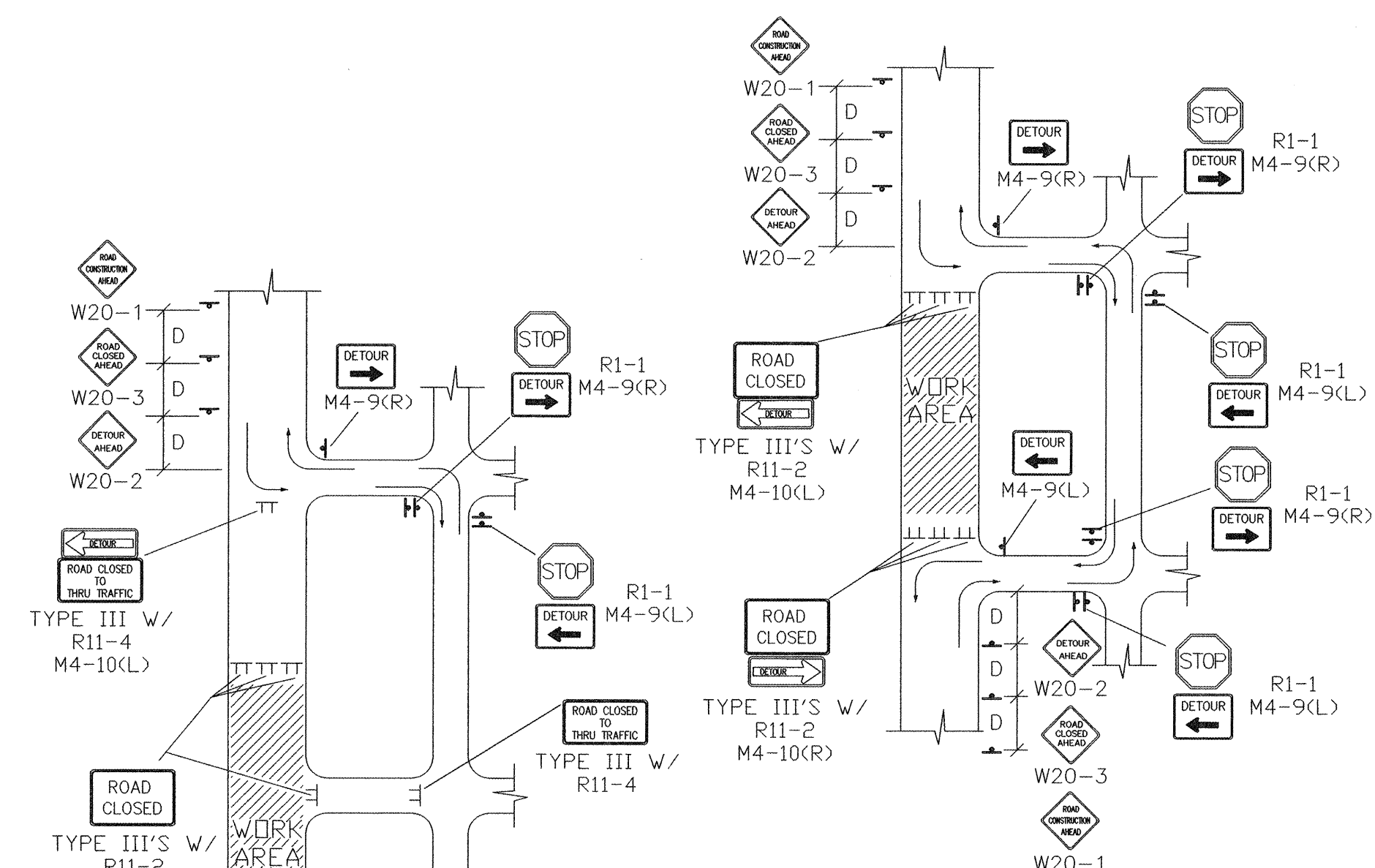
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE

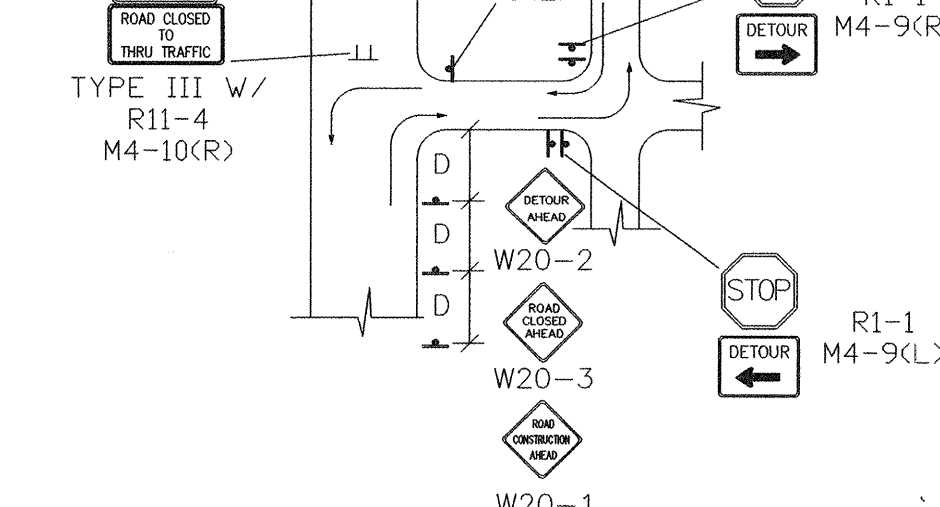


TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS



TYPICAL STREET CLOSURE

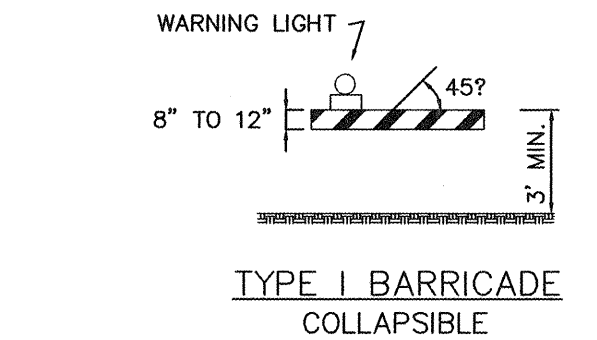
NOTE: (R1-1) BASED ON FIELD CONDITIONS

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		FIELD NOTES					
		NO.	BY	DATE			
J.D.L.					CONTRACTOR <i>Albuquerque Structures, Inc.</i>		
REMARKS					INSPECTOR'S <i>Advanced Eng.</i>		
NO. DATE					ACCEPTANCE BY <i>Advanced Eng.</i>		
REVISIONS					VERIFICATION BY <i>Advanced Eng.</i>		
DESIGN					DRAWINGS <i>Advanced Eng.</i>		
DESIGNED BY BOHANNAN HUSTON					CORRECTED BY <i>Advanced Eng.</i>		
DATE 5-97					MICRO-FILM INFORMATION		
DRAWN BY BOHANNAN HUSTON					RECORDED BY		
DATE 5-97					NO.		

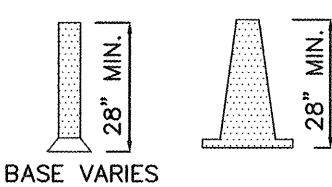
		CITY OF ALBUQUERQUE		
		PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP		
TITLE: TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF MUTCD)				
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
COA STANDARD	COA STANDARD			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF	
707881	K-9-Z	13	14	

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

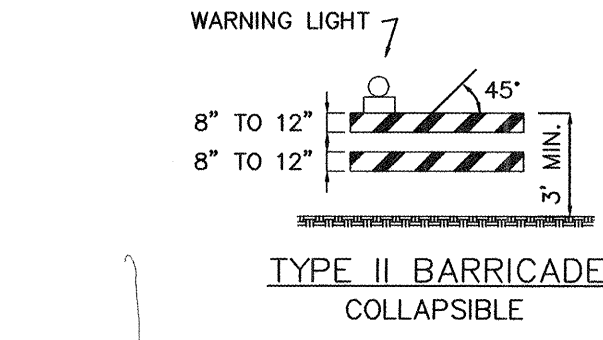
1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHT-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT 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 DRIVEWAY, LANE WIDTH, 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, SERVICES 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 POSED SPEED LIMIT. NO EXCEPTION UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.
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 TRAVELED 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 ON AS SUCH.
18. ALL ADVANCED 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. 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:
- STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 - THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 - SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORKS 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" X 36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D. 48"
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY. 48"



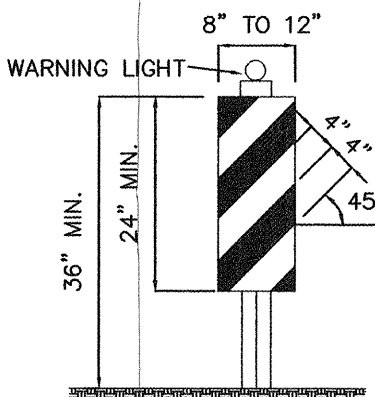
TYPE I BARRICADE COLLAPSIBLE



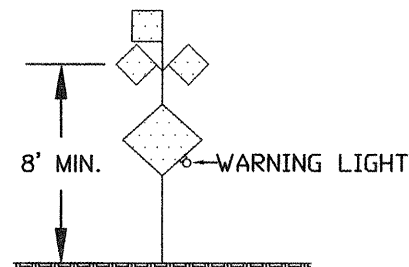
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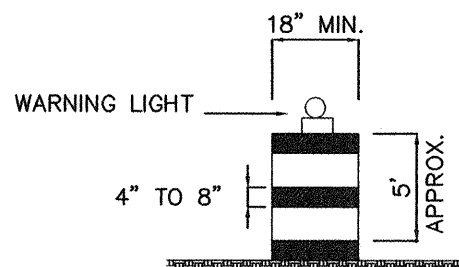
TYPE II BARRICADE COLLAPSIBLE



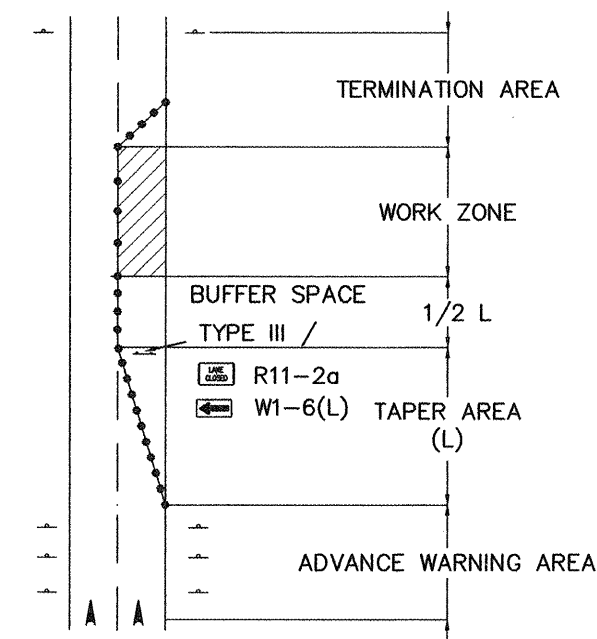
VERTICAL PANEL



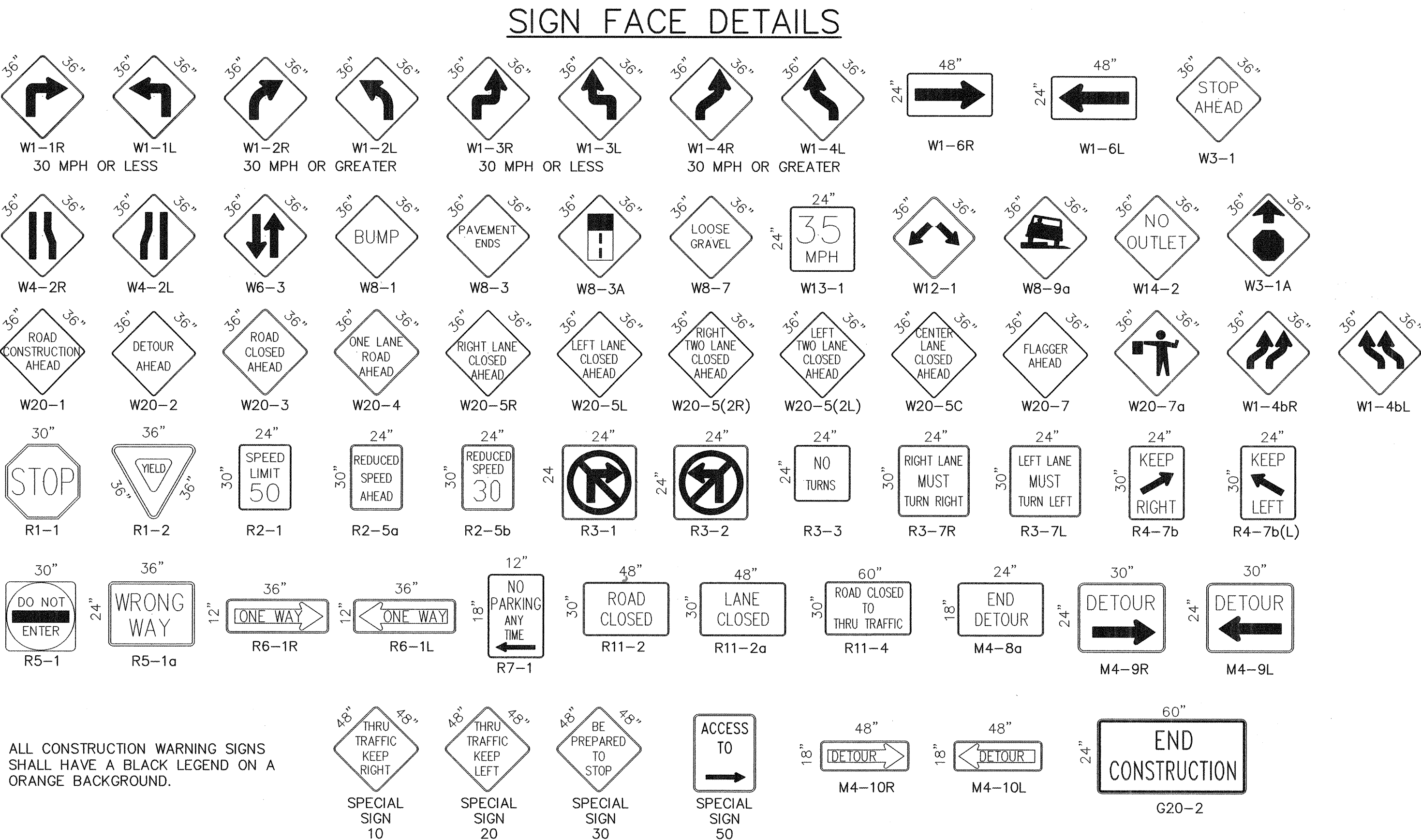
HIGH LEVEL WARNING DEVICE



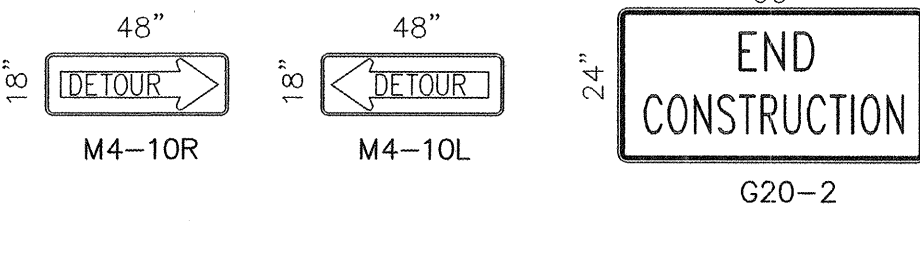
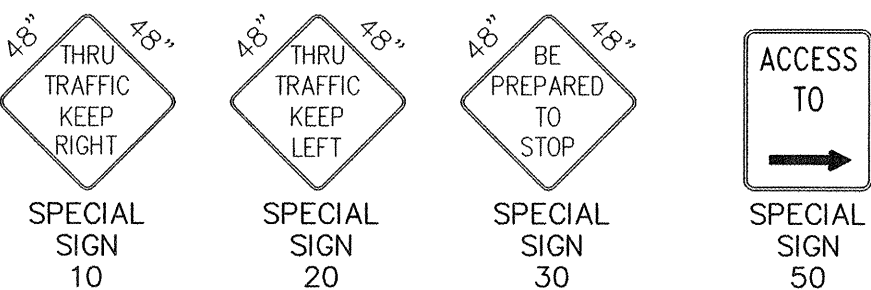
BARREL



TRAFFIC CONTROL ELEMENTS



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



SPEED LIMIT (MPH)	TAPER LENGTH (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	104	115	125	6	25	25
30	150	165	185	7	30	30
35	204	225	245	8	35	35
40	267	293	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

LEGEND

- WORK AREA
 - BARRICADE - TYPE I, TYPE II, OR TYPE "H" DRUM W/ REFLECTIVITY III-A SHEETING
 - BARRICADE - TYPE III
 - VERTICAL PANEL
 - WARNING SIGN
 - DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
 - FLAGMAN POSITION
 - 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 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	1/2 L MINIMUM
DOWNSTREAM TAPER	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = WS^2 / 60$
45 MPH OR GREATER	$L = W / S$
L = TAPER LENGTH	
W = WIDTH OF OFFSET IN FEET	
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH	

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: SIGNING & CONSTRUCTION TRAFFIC CONTROL STANDARDS	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
COA STANDARD	COA STANDARD
CITY PROJECT NO.	707881
ZONE MAP NO.	K-9-Z
SHEET	14
OF	14

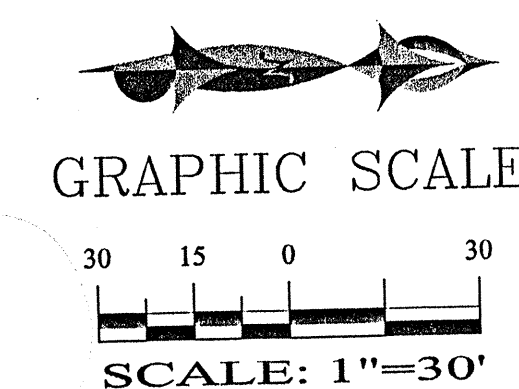
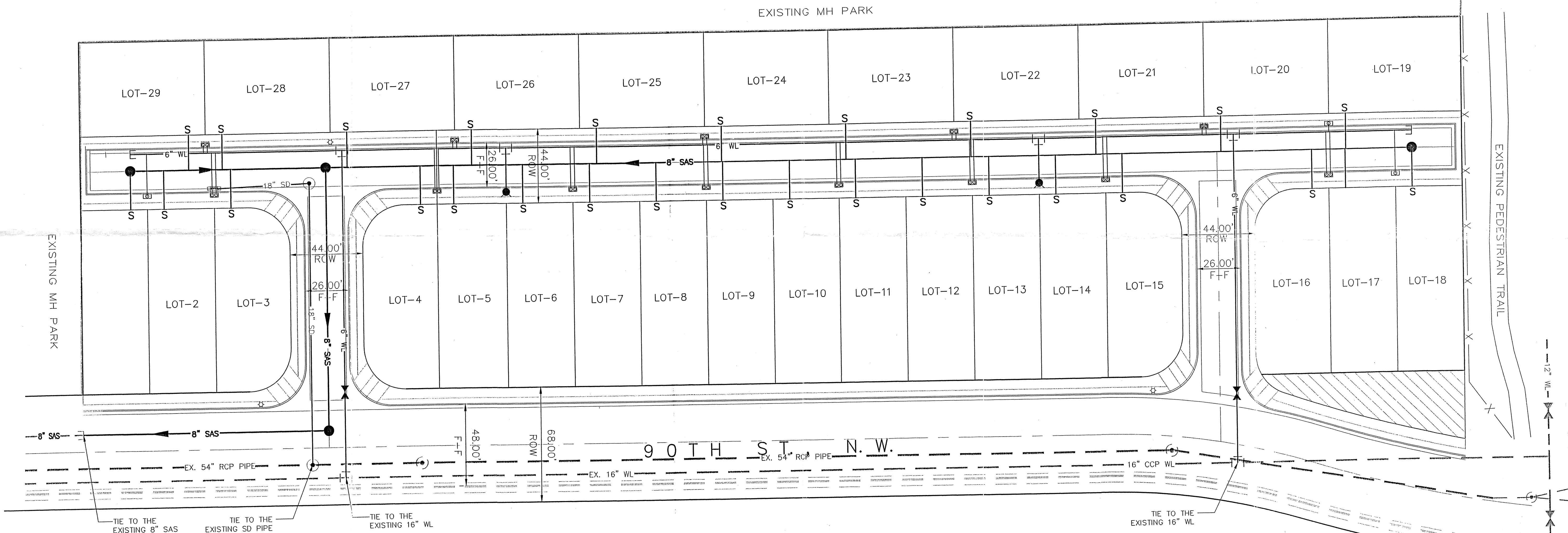
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PLANNING

LEGEND

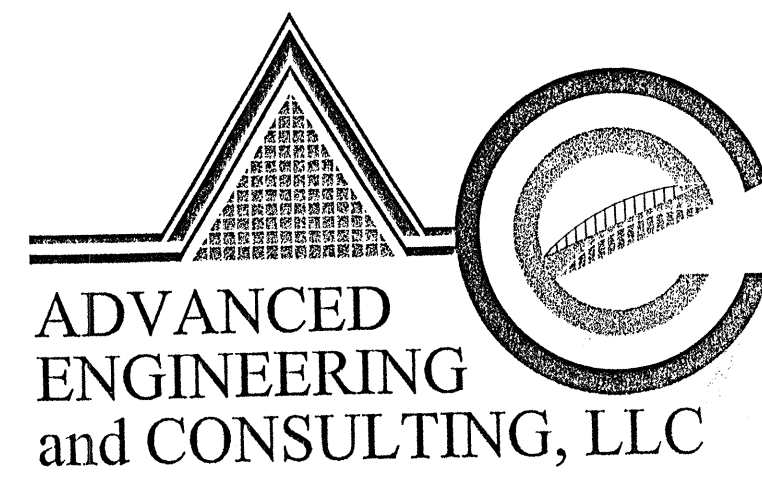
- EXISTING SAS MANHOLE
- EXISTING SD MANHOLE
- EX. 54" SD --- EXISTING STORM SEWER
- EX. 8" SAS --- EXISTING SANITARY SEWER LINE
- EX. 16" WL --- EXISTING WATER LINE
- 8" SAS --- NEW SANITARY SEWER LINE
- 6" WL --- NEW WATER LINE
- 18" SD --- NEW STORM SEWER
- 6" --- NEW SAS SERVICE
- 6" --- NEW WATER SERVICE
- NEW SAS MANHOLE
- STORM SEWER MANHOLE
- SINGLE SERVICE METER
- DOUBLE SERVICE METER
- ✕ NEW GATE VALVE
- NEW FIRE HYDRANT
- TEE
- CAP (WL)
- NEW CATCH BASIN

LEGAL DESCRIPTION:

TRACT 6, LANDS OF C.H. HALL



SHAHAB BIAZAR
P.E. #13479



10205 SNOWFLAKE CT. NW
ALBUQUERQUE, NEW MEXICO 87114
(505) 899-5570

WEST PLATEAU MH SUBDIVISION MASTER UTILITY PLAN

DRAWING:	DRAWN BY:	DATE:	SHEET #
200226-MU.DWG	SHH	07-24-02	4 OF 4

APPROVED
1/28/03

LAST REVISION: 07-24-02

CPN# 707881