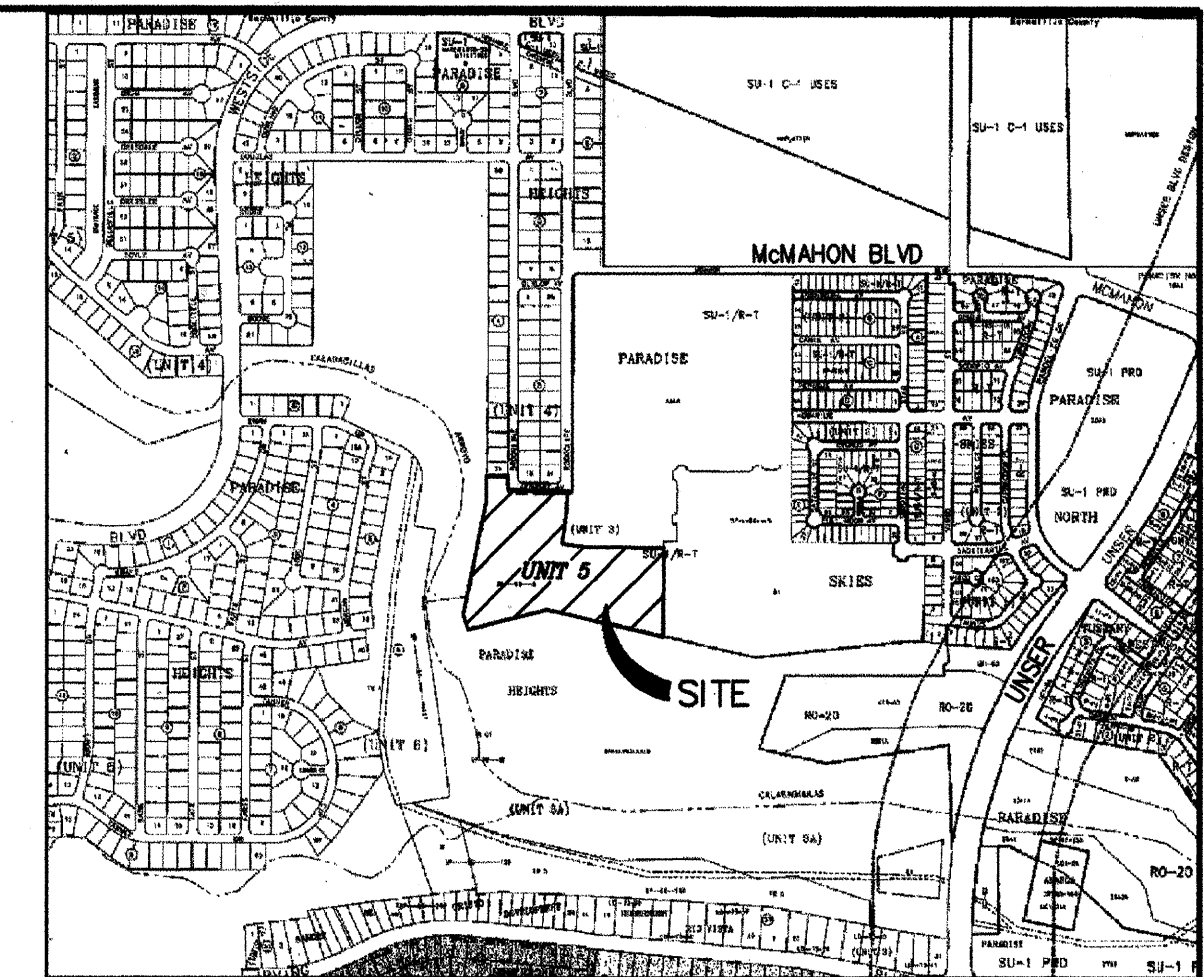


SCANNED BY
MESA REPRO

CONSTRUCTION PLANS FOR *PARADISE SKIES* *UNIT 5* ALBUQUERQUE, NEW MEXICO



VICINITY MAP ZONE ATLAS A10-A11
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. 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 AS REVISED THROUGH UPDATE #6.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
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 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 THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (768-2521) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. ALL UTILITY WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES, INC. SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES (MOST RECENT REVISIONS). THE CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES (898-2661) THREE (3) WORKING DAYS PRIOR TO BEGINNING THE CONSTRUCTION OF THE UTILITIES.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

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

INDEX TO DRAWINGS

SHEET NO.	SHEET
1	TITLE SHEET
2-4	PLAT
5	GRADING AND DRAINAGE PLAN
6	MASTER PAVING PLAN
7-15	PAVING IMPROVEMENTS
16	MASTER UTILITY PLAN
17-21	UTILITY IMPROVEMENTS
22-23	TRAFFIC CONTROL

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering or intent of the record drawings.

Timothy Aldrich, P.S. No. 7719

12-15-01

Date

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, and by the surveyor, D. Mark Goodwin & Associates, P.A., and reflects the construction as actually accomplished. This drawing is constructed in substantial compliance with the Approved Plan.

Gregory A. Krenik

NMPE 11029

26 6526.81 6/10/04

DRB 1000788

APPROVAL OF RECORD DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Wei Chang
DATE 6/29/04

CAUTION:

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

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

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
		ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****	
				DRC CHAIRMAN	6/20/01	APPROVED FOR CONSTRUCTION	
				TRANSPORTATION	1/31/01		
				WATER/WASTEWATER	3-14-01		
				HYDROLOGY	1/30/01		
				A.M.A.F.C.A.	3-9-01		
				M.N.U.I.	1/30/01		
				CONSTR. COORD.	1/30/01		
				CITY PROJECT NO.		SHEET OF	
						1 23	

6526.81

PROPERTY CORNERS

- FOUND 5/8" REBAR WITH CAP "LS 7719" (TYP.)
- FOUND 1/2" REBAR WITH CAP "LS 1193" (TYP.)
- FOUND 1/2" REBAR WITH CAP "LS 4078" (TYP.)
- FOUND A.M.A.F.C.A. "BRASS CAP" (TYP.)

SEE SHEET 5 OF 5 FOR CURVE AND LINE TABLE

DRAINAGE RIGHT-OF-WAY DEDICATED TO A.M.A.F.C.A. BY THIS PLAT IN FEE SIMPLE WITH WARRANTY COVENANTS (AREA 0.0055 AC)

ARROYO DE LAS CALABACILLAS (UNPLATTED)

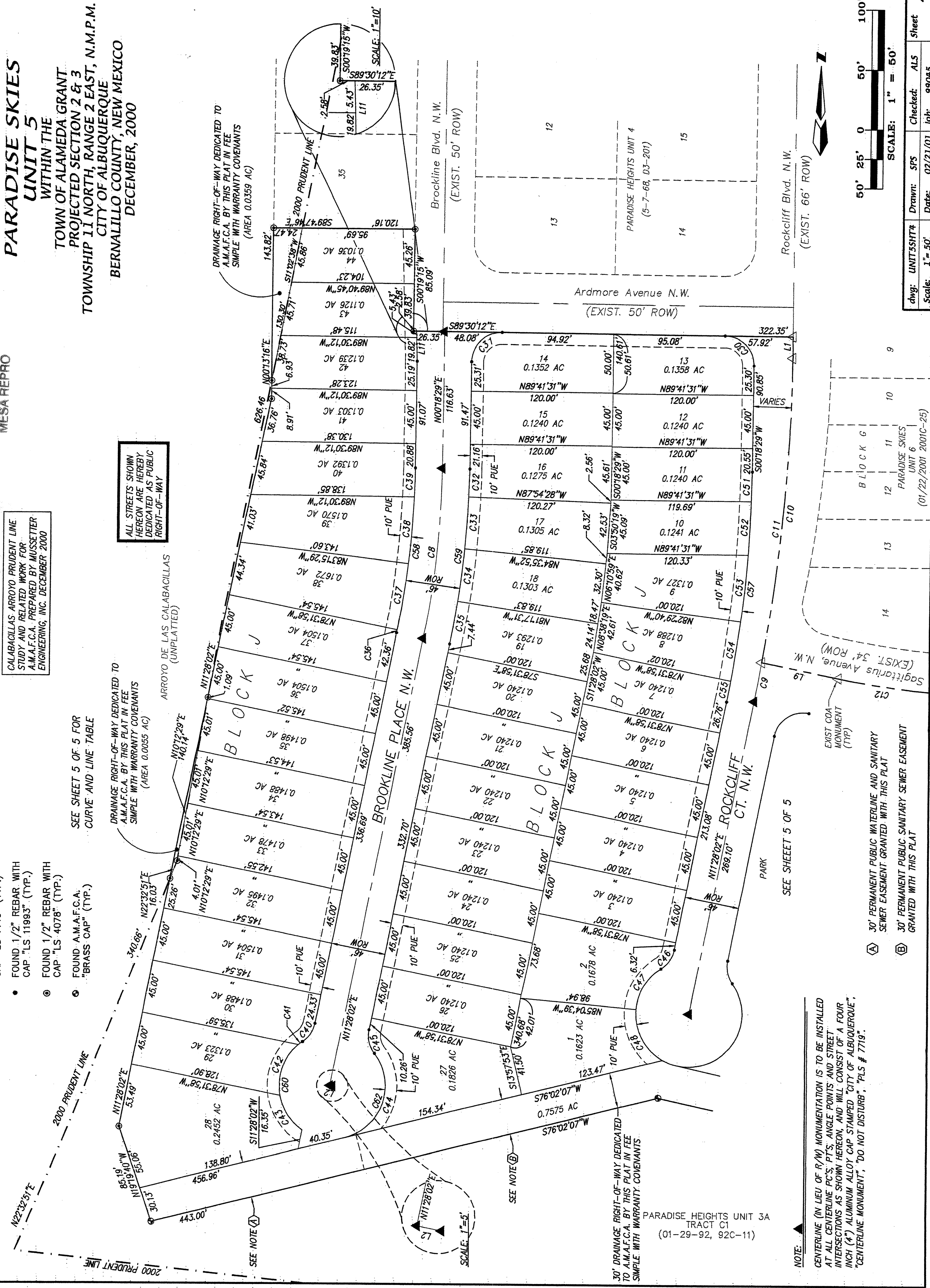
ALL STREETS SHOWN ARE HEREBY DEDICATED TO THE PUBLIC RIGHT-OF-WAY

SCANNED BY MESA REPRO

CALABACILLAS ARROYO PRUDENT LINE STUDY AND RELATED WORK FOR A.M.A.F.C.A. PREPARED BY MUSSETTER ENGINEERING, INC. DECEMBER 2000

PLAT OF PARADISE SKIES UNIT 5

TOWN OF ALAMEDA GRANT
PROJECTED SECTION 2 & 3
TOWNSHIP 11 NORTH, RANGE 2 EAST, N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 2000



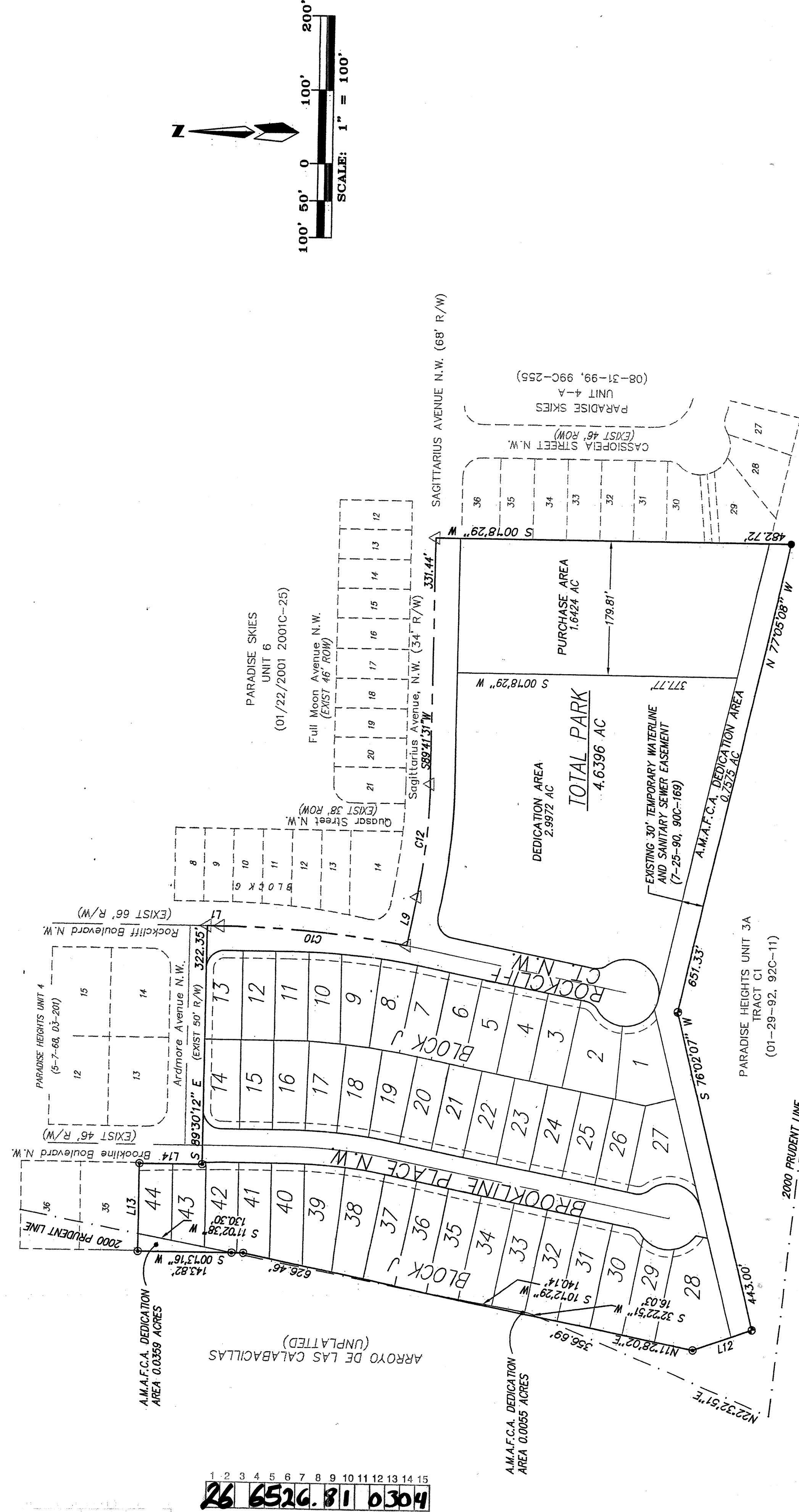
NOTE: CENTERLINE (IN LIEU OF B.M.) MONUMENTATION IS TO BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T.'S, ANGLE POINTS, AND STREET INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE," "CENTERLINE MONUMENT," "DO NOT DISTURB," "PLS # 7719".

- Ⓐ 30' PERMANENT PUBLIC WATERLINE AND SANITARY SEWER EASEMENT GRANTED WITH THIS PLAT
- Ⓑ 30' PERMANENT PUBLIC SANITARY SEWER EASEMENT GRANTED WITH THIS PLAT

dwg: UNIT55HT# Drawn: SPS Checked: ALS Sheet 4 of 5
Scale: 1"=50' Date: 02/21/01 Job: 99045

PLAT OF PARADISE SKIES UNIT 5

WITHIN THE TOWN OF ALAMEDA GRANT
PROJECTED SECTION 2 & 3
TOWNSHIP 11 NORTH, RANGE 2 EAST, N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 2000



26 6526.81 0304

SHEET 3 OF 23

CALABACILLAS ARROYO PRUDENT LINE STUDY AND RELATED WORK FOR A.M.A.F.C.A. PREPARED BY MUSSETTER ENGINEERING, INC. DECEMBER 2000

dwg: UNIT55HT# Drawn: SPS Checked: ALS Sheet 3 of 5
Scale: 1"=100' Date: 12/29/00 Job: 99045

SCANNED BY
MESA REPRO

PLAT OF
**PARADISE SKIES
UNIT 5**

WITHIN THE
TOWN OF ALAMEDA GRANT
PROJECTED SECTION 2 & 3
TOWNSHIP 11 NORTH, RANGE 2 EAST, N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 2000

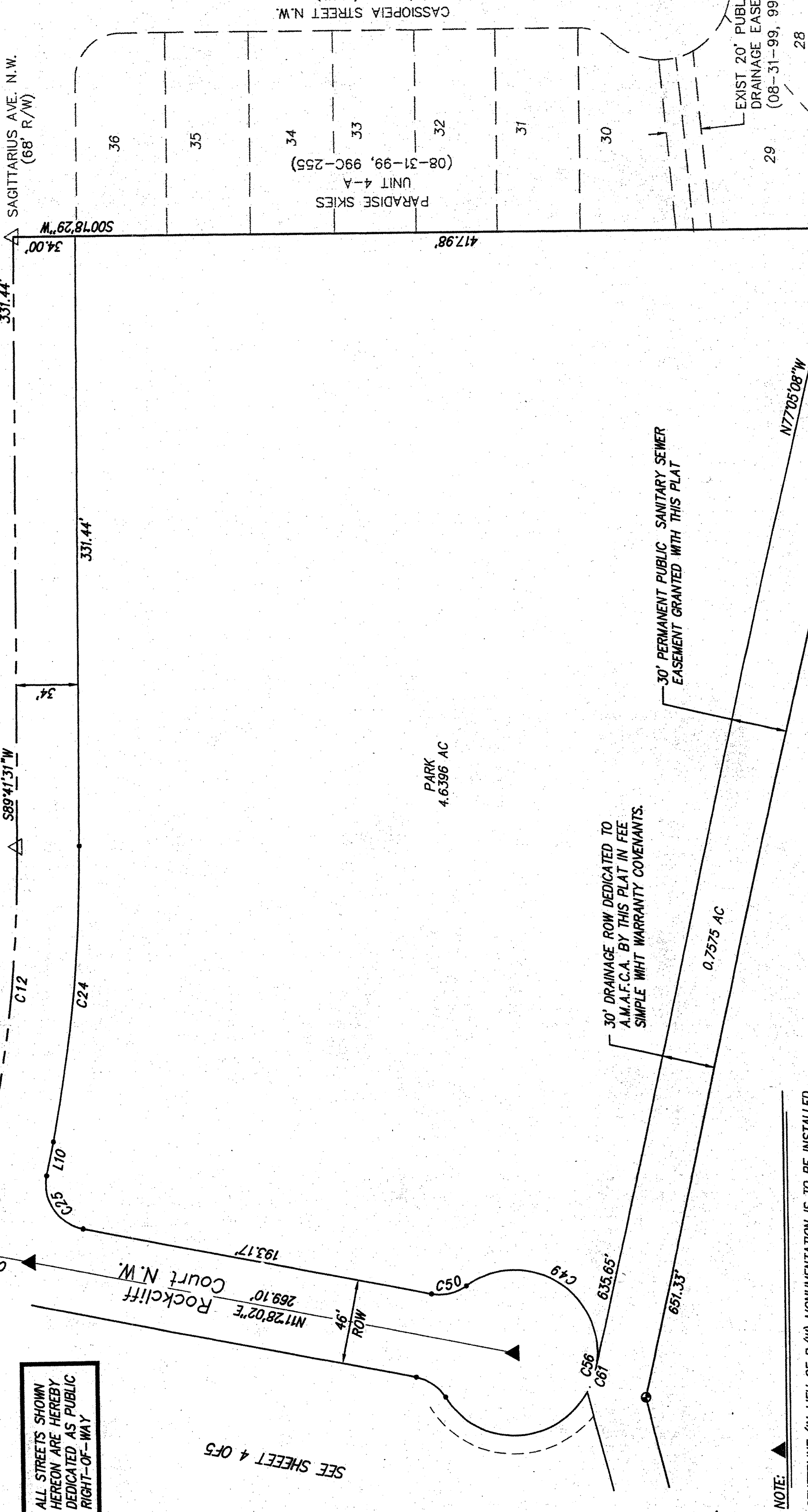
LINE TABLE		
NUMBER	BEARING	DISTANCE
L1	S00°18'29"W	17.85'
L2	N11°28'02"E	2.11'
L9	S 78°31'58" E	67.22'
L10	S 78°31'58" E	18.84'
L11	N01°25'07"W	25.25'
L12	N09°19'40"W	65.19'
L13	S89°42'46"E	120.16'
L14	S00°19'15"W	65.08'

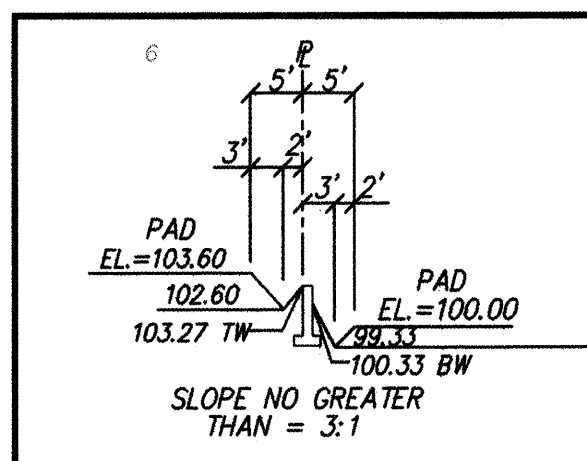
50' 25' 0 50' 100'
SCALE: 1" = 50'

PARADISE SKIES UNIT 6
(01/22/2001 2001C-25)

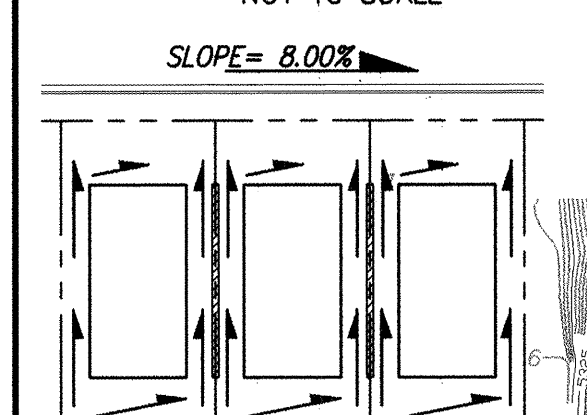
ALL STREETS SHOWN
HEREON ARE HEREBY
DEDICATED TO THE PUBLIC
RIGHT-OF-WAY.

NUMBER	R	L	T	D	CH BEARING	CHORD LE
C9	1500.00	34.03	01°17'59"	17.01	N07°49'03"E	34.03
C10	1500.00	238.12	09°51'34"	128.38	N05°14'16"E	267.80'
C11	1500.00	292.15	11°09'33"	146.54	N03°53'15"E	291.69'
C12	800.00	155.81	11°09'33"	78.15	N04°08'43"W	155.57'
C24	834.00	162.43	11°09'33"	81.48	N04°08'43"W	162.16'
C25	25.00	39.27	90°00'00"	25.00	N05°28'02"E	35.36'
C30	25.00	39.19	89°48'41"	24.82	N44°35'32"W	35.30'
C31	25.00	39.35	90°11'19"	25.08	N45°24'08"E	35.41'
C36	714.00	2.64	00°12'44"	1.32	N12°14'07"E	2.64'
C37	714.00	56.24	04°30'47"	28.13	N05°59'55"E	56.23'
C38	714.00	56.06	04°29'54"	28.04	N04°29'54"E	56.04'
C39	714.00	24.12	01°56'08"	12.06	N07°16'33"E	24.12'
C40	25.00	18.39	44°16'50"	10.17	N33°58'32"E	18.64'
C41	45.00	4.39	05°27'58"	2.15	N63°10'03"E	4.29'
C42	45.00	47.70	60°14'17"	26.36	N05°55'14"E	45.49'
C43	45.00	35.92	43°44'17"	18.98	N33°18'45"W	34.98'
C44	45.00	104.32	13°04'45"	103.68	N28°59'01"E	182.56'
C45	25.00	21.40	48°02'24"	11.40	N03°03'10"W	20.75'
C46	25.00	16.84	38°35'21"	8.75	N38°55'59"E	16.52'
C47	45.00	41.82	53°15'11"	22.56	N31°32'59"E	40.34'
C48	45.00	51.65	65°48'47"	29.09	N27°57'33"W	48.66'
C50	25.00	20.39	46°42'29"	10.79	N17°53'13"W	18.82'
C51	1000.00	23.59	07°21'06"	11.80	N07°03'22"E	23.59'
C52	1000.00	45.05	02°34'53"	22.53	N03°01'22"E	45.05'
C53	1000.00	55.71	03°11'32"	27.86	N05°54'34"E	55.71'
C54	1000.00	50.90	02°54'40"	25.46	N05°57'50"E	50.90'
C55	1000.00	16.24	01°02'43"	9.12	N10°55'41"E	16.24'
C56	45.00	214.74	27°32'59"	—	N08°53'15"E	61.71'
C57	1000.00	194.66	11°09'33"	97.69	N05°53'15"E	194.46'
C58	714.00	139.06	11°09'33"	69.75	N05°53'15"E	138.84'
C59	780.00	148.02	11°09'33"	74.24	N05°53'15"E	147.79'
C60	43.00	87.99	11°55'56"	66.63	N00°12'56"W	74.58'
C61	43.00	12.76	15°14'41"	6.12	S08°57'47"E	12.72'
C62	43.00	189.23	17°56'29"	68.78	N19°13'33"E	75.31'





TYPICAL LOT LAYOUT: SECTION
NOT TO SCALE

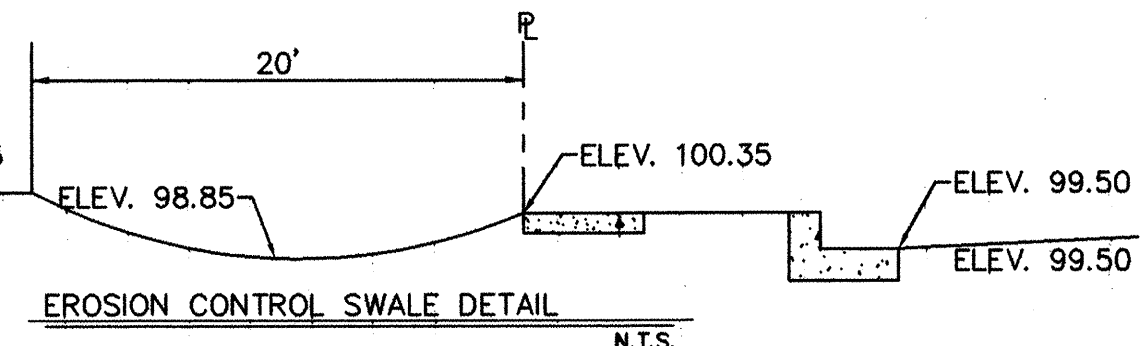


TYPICAL LOT LAYOUT: PLAN VIEW
NOT TO SCALE

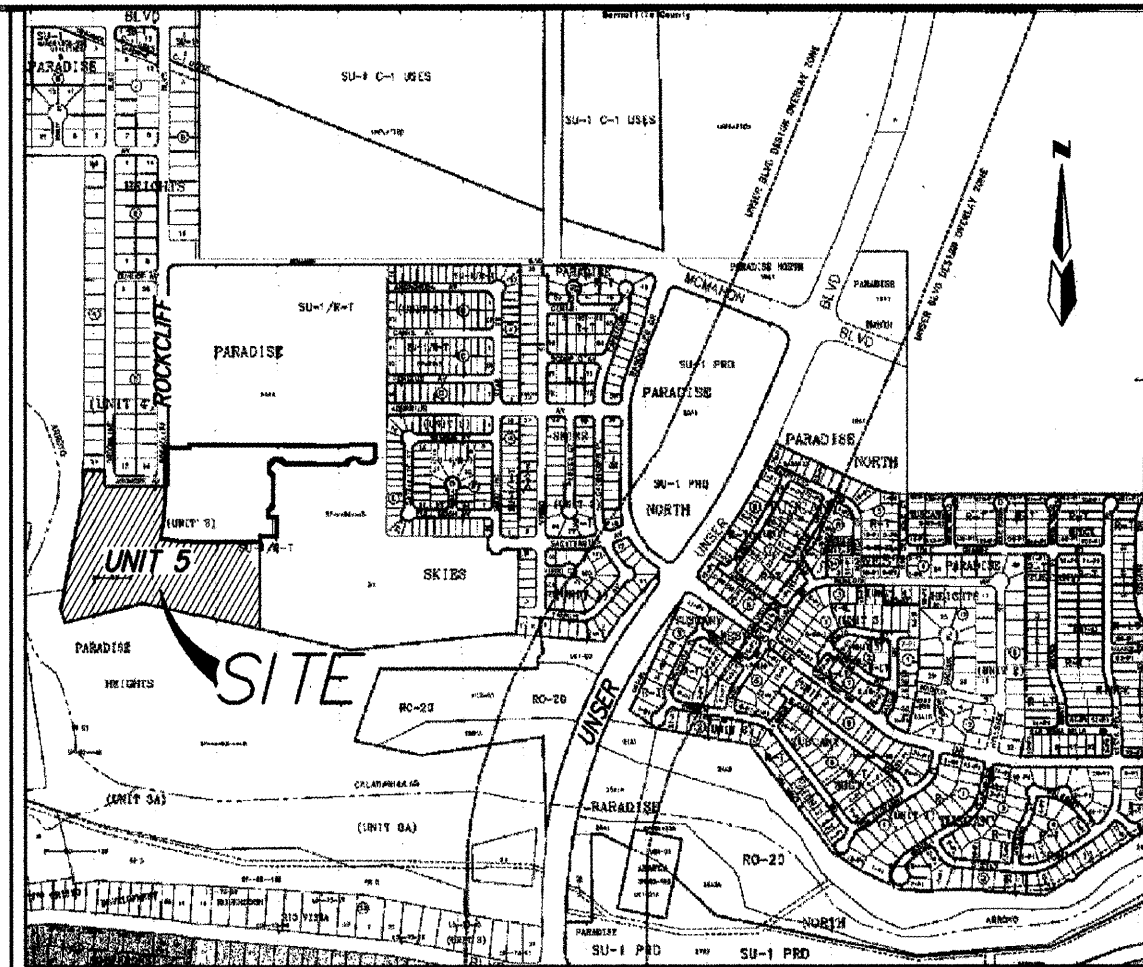
NOTE: ALL LOT RUNOFF DRAINS TO THE STREET IN FRONT OF THE LOT

EROSION CONTROL NOTES

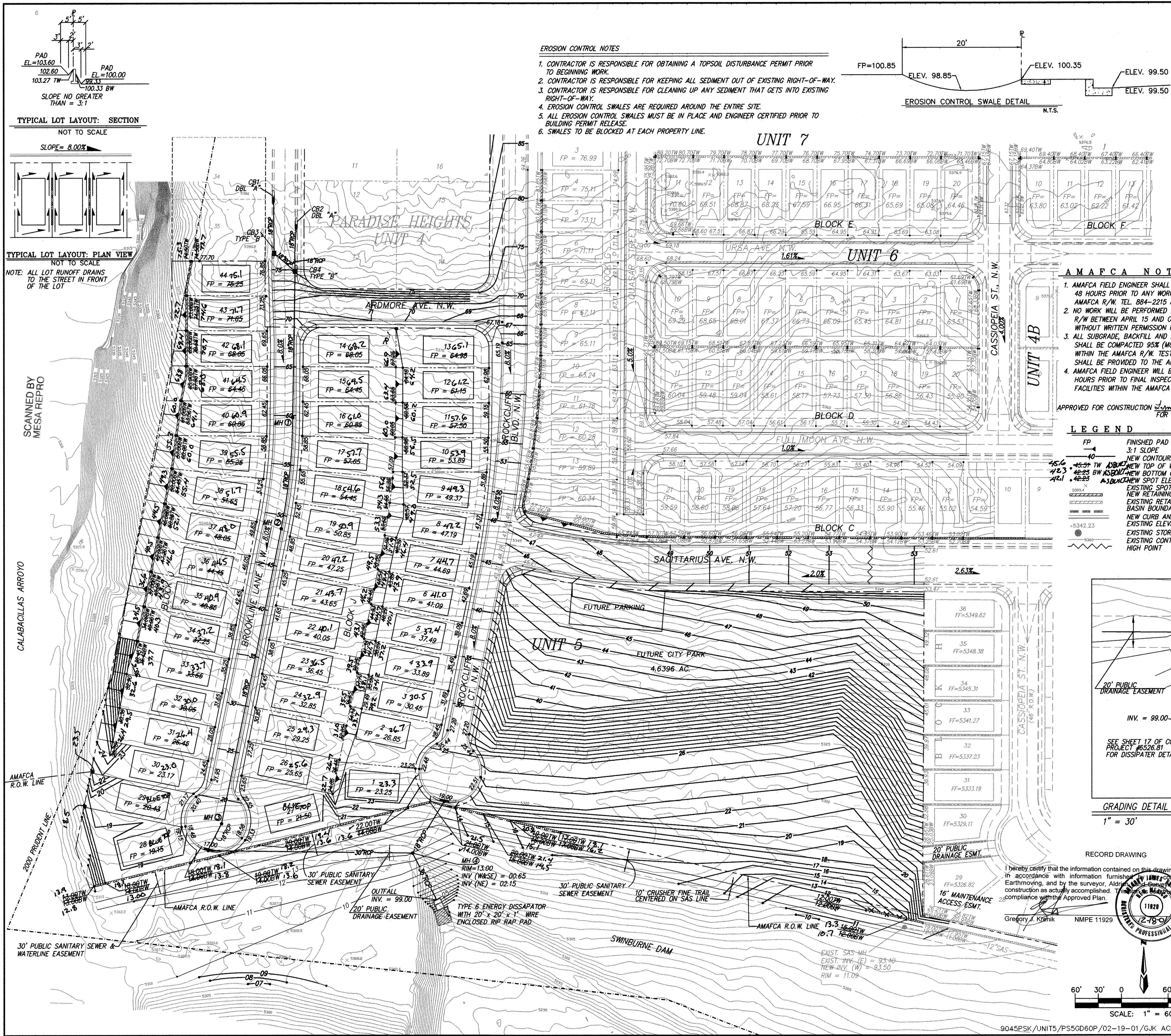
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING UP ANY SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. EROSION CONTROL SWALES ARE REQUIRED AROUND THE ENTIRE SITE.
5. ALL EROSION CONTROL SWALES MUST BE IN PLACE AND ENGINEER CERTIFIED PRIOR TO BUILDING PERMIT RELEASE.
6. SWALES TO BE BLOCKED AT EACH PROPERTY LINE.



EROSION CONTROL SWALE DETAIL
N.T.S.



VICINITY MAP A-11



AMAFCA NOTES

1. AMAFCA FIELD ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY WORK WITHIN THE AMAFCA R/W. TEL. 884-2215 JERRY LOVATO.
2. NO WORK WILL BE PERFORMED IN THE AMAFCA R/W BETWEEN APRIL 15 AND OCTOBER 15 WITHOUT WRITTEN PERMISSION FROM AMAFCA.
3. ALL SUBGRADE, BACKFILL AND EMBANKMENT SHALL BE COMPACTED 95% (MODIFIED PROCTOR) WITHIN THE AMAFCA R/W. TESTING REPORTS SHALL BE PROVIDED TO THE AMAFCA ENGINEER.
4. AMAFCA FIELD ENGINEER WILL BE NOTIFIED 48 HOURS PRIOR TO FINAL INSPECTION OF ANY FACILITIES WITHIN THE AMAFCA R/W.

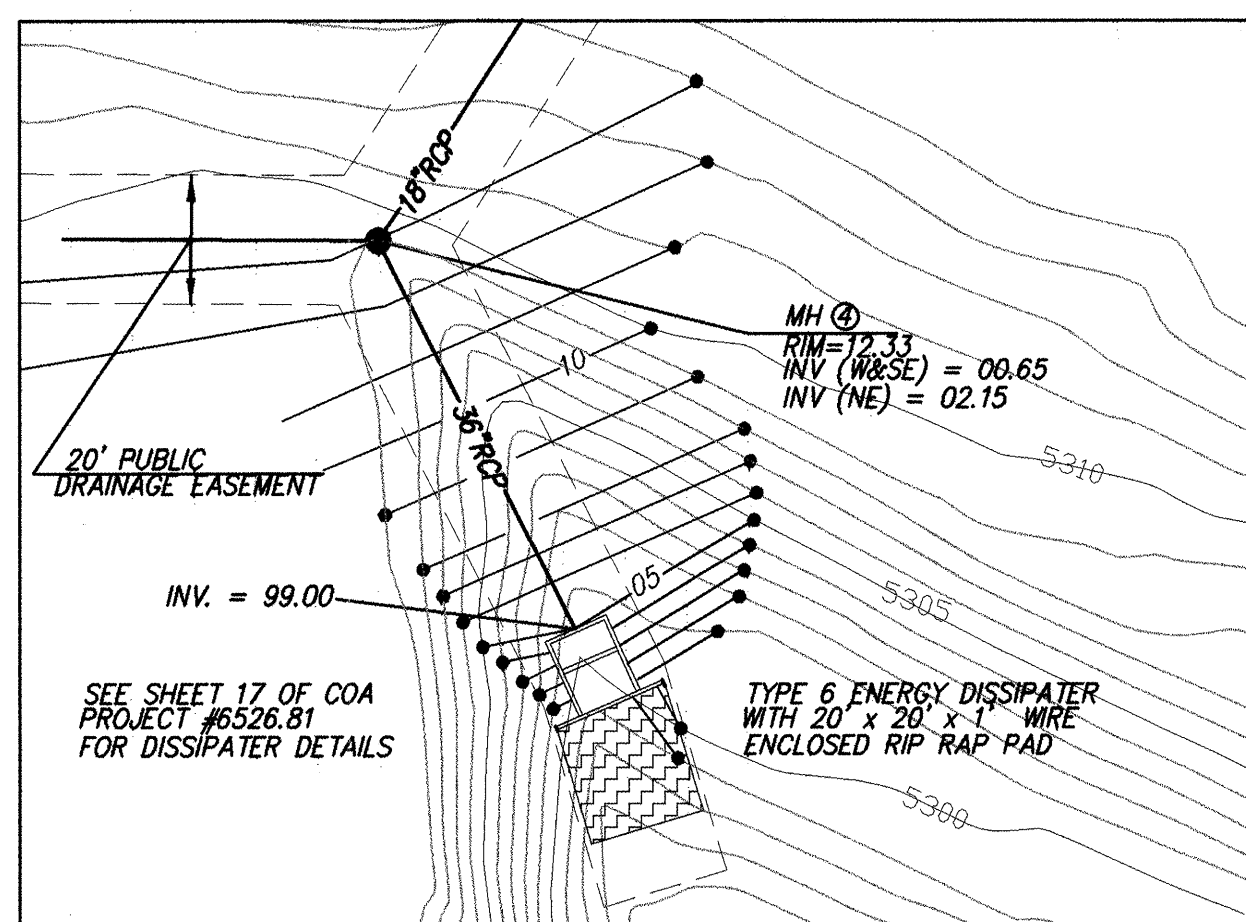
APPROVED FOR CONSTRUCTION *[Signature]* 3-9-01
FOR AMAFCA DATE

LEGEND

- FP FINISHED PAD
- 3:1 SLOPE
- NEW CONTOURS
- NEW TOP OF WALL ELEVATION
- NEW BOTTOM OF WALL ELEVATION
- EXISTING SPOT ELEVATION
- NEW RETAINING WALL
- EXISTING RETAINING WALL
- NEW CURB AND GUTTER
- EXISTING ELEVATION
- EXISTING STORM DRAIN MANHOLE
- EXISTING CONTOURS
- HIGH POINT

NOTES

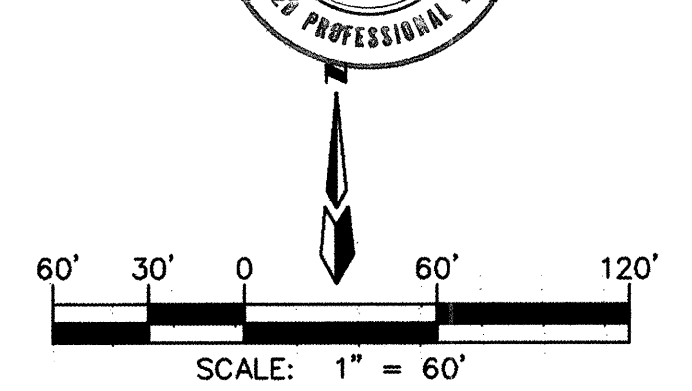
1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DTL. THIS SHT. AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.
6. A PERIMETER WALL WILL BE BUILT ALONG THE EXTERIOR PROPERTY LINES ON THE EAST AND SOUTH SIDES.
7. ALL STORM DRAIN AND LATERALS ARE BUILT WITH REINFORCED CONCRETE PIPE.
8. SITE IS NOT IN A 100 YR. ZONE.
9. CONSTRUCTION WITHIN AMAFCA RIGHT-OF-WAY WILL BE PROHIBITED BETWEEN MAY 15 AND OCTOBER 15.



GRADING DETAIL
1" = 30'

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, and by the surveyor, Aldrich & Associates, Inc. and reflects the construction as actually accomplished. This drawing is in substantial compliance with the Approved Plan.

Gregory J. Krahik NMPE 11929



SCALE: 1" = 60'

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PARADISE SKIES UNIT 5
GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL
[Signature] *[Signature]*

CITY PROJECT NO. 6526.81 ZONE MAP NO. A-11 SHEET 5 OF 23

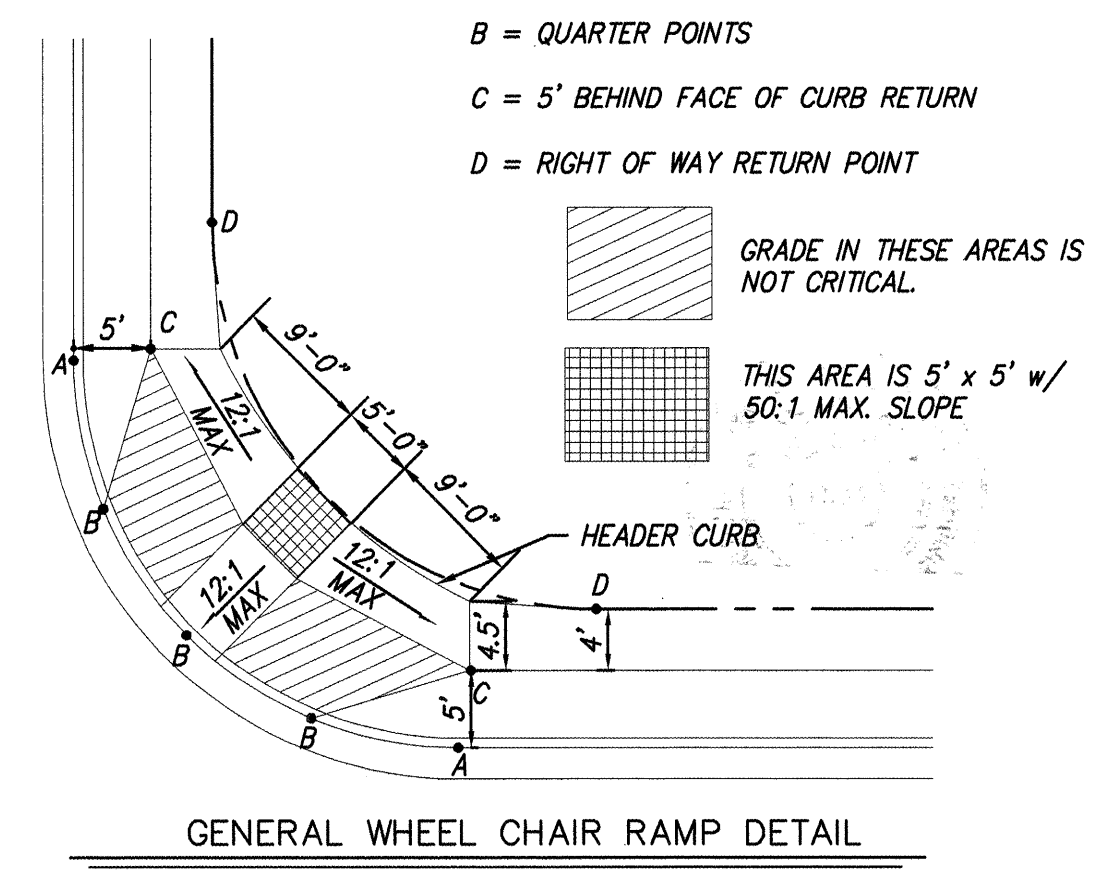
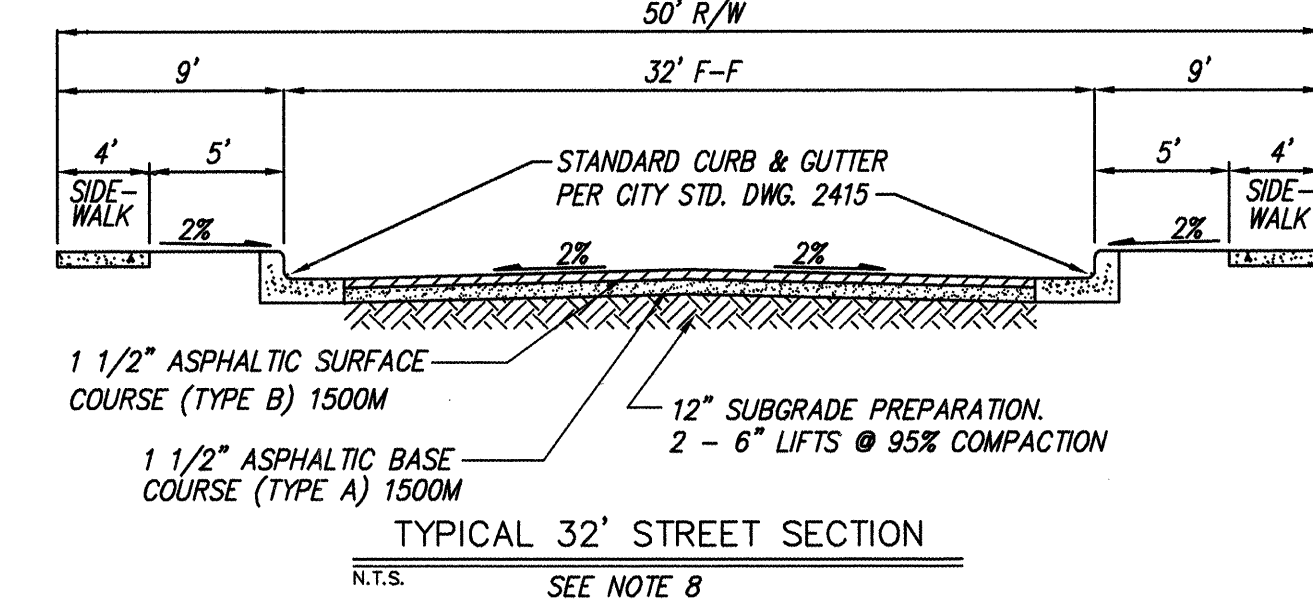
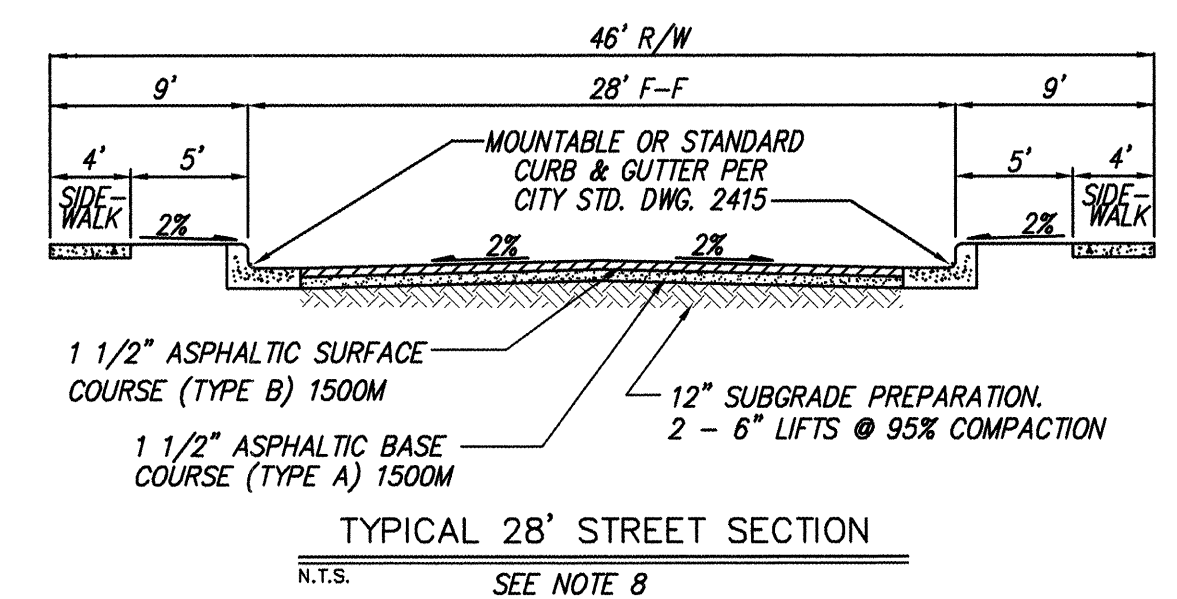
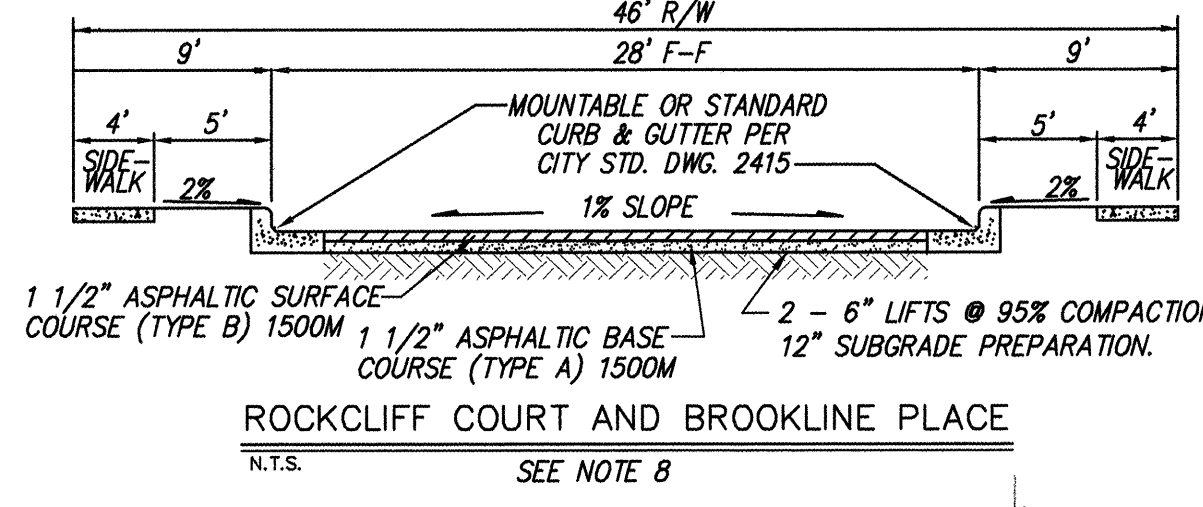
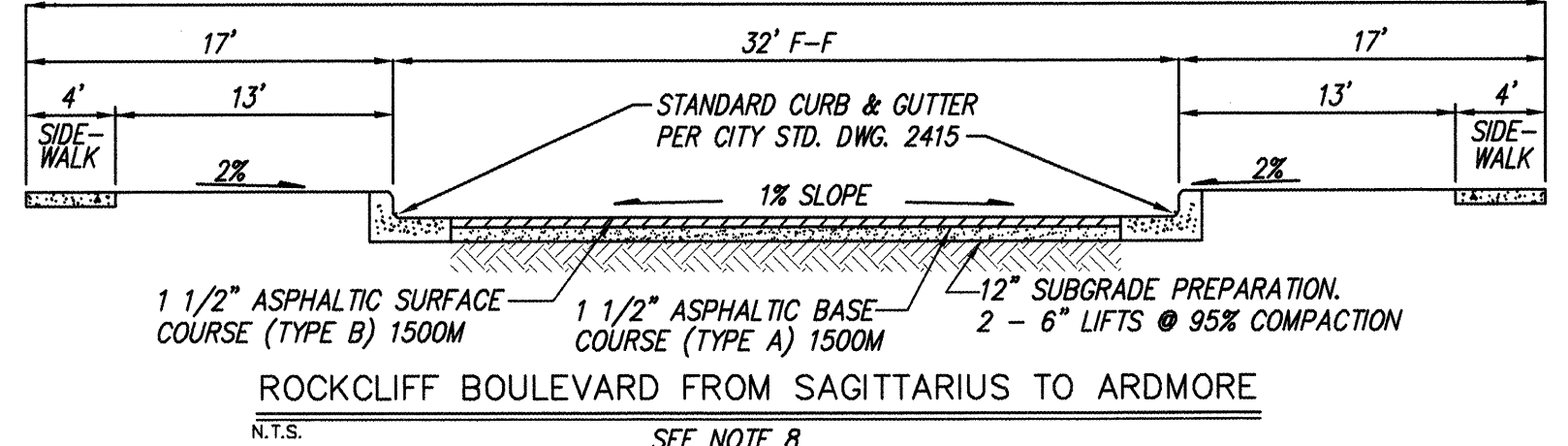
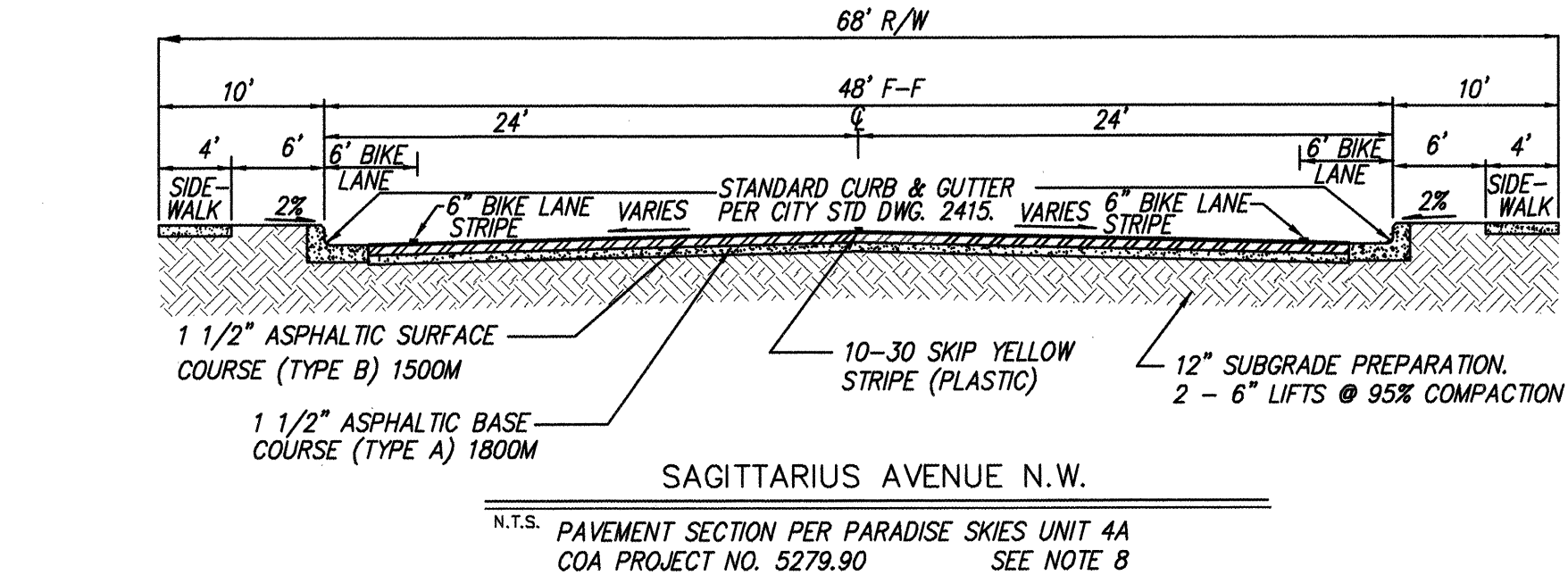
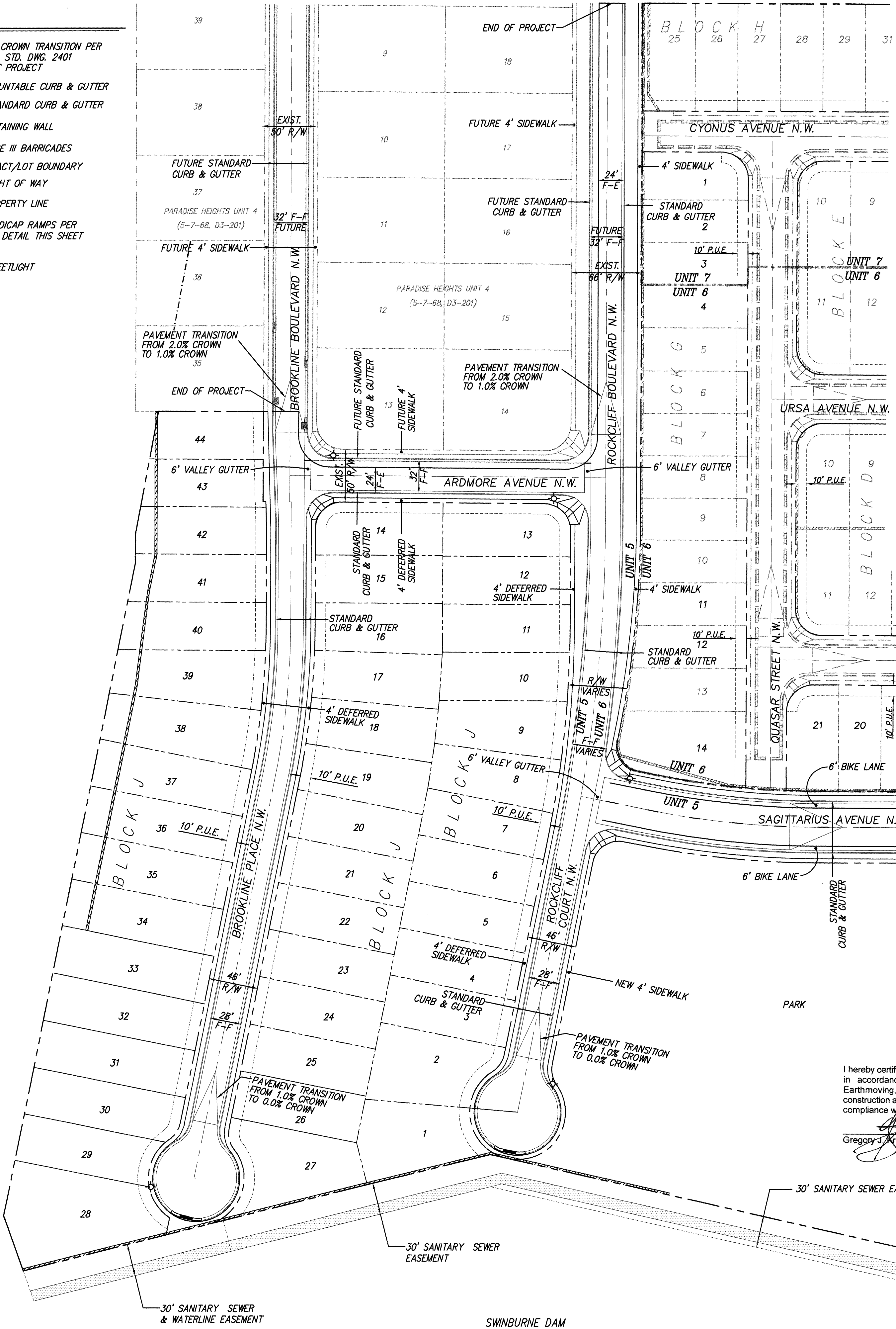
AS BUILT INFORMATION				BENCH MARKS			
CONTRACTOR	FRANKLIN'S	DATE	01/01/01	THE STATION IS A 3 1/4" ALUMINUM CAP FASTENED TO A PIPE	NO.	DATE	BY
STAKED BY	ALS	DATE	01/01/01	0.15 FT. ABOVE THE GROUND AND IS STAMPED "ACS 2-A-11, 1998"			
ACCEPTANCE BY	ALS	DATE	01/01/01	TO REACH THE STATION FROM THE INTERSECTION L-40 AND COOPS			
FIELD CHECK BY	ALS	DATE	01/01/01	RD. NW. TRAVEL NORTH ON COOPS 6.2 MILES TO IRVING BLVD.			
DRAWN BY	ALS	DATE	01/01/01	TURN WEST AND TRAVEL 1.4 MILES TO GOLF COURSE RD. TURN			
CHECKED BY	ALS	DATE	01/01/01	NORTH AND TRAVEL 1.3 MILES TO THE COUNTY LINE, TURN WEST			
RECORDED BY	ALS	DATE	01/01/01	JUST INSIDE THE COUNTY LINE ON A DIRT ROAD, TRAVEL 1.1 MILES			
NO.				TO THE STATION ON THE RIGHT.			
				X= 366738.57 Y= 1534676.72 ELEV= 5294.27			

LEGEND

- 50' CROWN TRANSITION PER COA STD. DWG. 2401 THIS PROJECT
- MOUNTABLE CURB & GUTTER
- STANDARD CURB & GUTTER
- RETAINING WALL
- TYPE III BARRICADES
- TRACT/LOT BOUNDARY
- RIGHT OF WAY
- PROPERTY LINE
- HANDICAP RAMPS PER PER DETAIL THIS SHEET
- STREETLIGHT

SCANNED BY
MESA REPRO

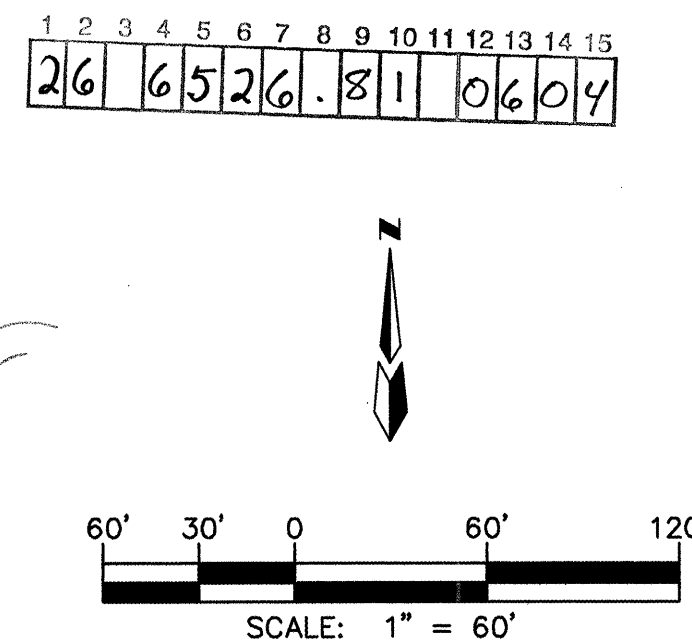
CALABACILLAS ARROYO



RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, and by the surveyor, Aldrich Surveying, and reflects the construction as actually accomplished. This drawing is constructed in substantial compliance with the Approved Plan.

Gregory J. Krenik NMPE 11929



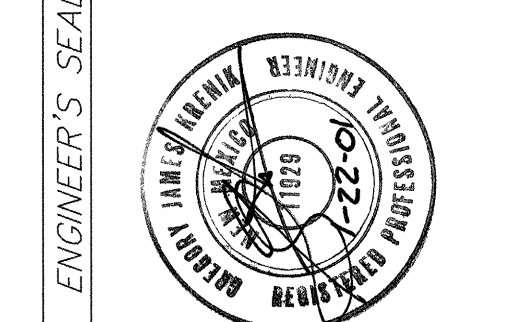
NOTES

- ALL SIDEWALKS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2430.
- ALL 6\"/>

AS BUILT INFORMATION			
CONTRACTOR	DATE	BY	DATE
FRANKLIN'S	01	ALS	01
WORK STAKED BY	DATE	BY	DATE
ALS	01	ALS	01
INSPECTION BY	DATE	BY	DATE
ALS	01	ALS	01
FIELD VERIFICATION BY	DATE	BY	DATE
ALS	01	ALS	01
DRAPING BY	DATE	BY	DATE
ALS	01	ALS	01
CORRECTED BY	DATE	BY	DATE
ALS	01	ALS	01
RECORDED BY	DATE	BY	DATE
ALS	01	ALS	01

SURVEY INFORMATION			BENCH MARKS
NO.	FIELD NOTES	BY DATE	
			THE STATION IS A 3 1/4" ALUMINUM CAP FASTENED TO A PIPE 0.15 FT. ABOVE THE GROUND AND IS STAMPED "ACS 2-A-11, 1986 TO REACH THE STATION FROM THE INTERSECTION I-40 AND COORS RD. NW, TRAVEL NORTH ON COORS 6.2 MILES TO IRVING BLVD., TURN WEST AND TRAVEL 1.4 MILES TO GOLF COURSE RD., TURN NORTH AND TRAVEL 1.3 MILES TO THE COUNTY LINE, TURN WEST AND TRAVEL 1.1 MILES TO THE COUNTY LINE ON A DIRT ROAD, TRAVEL 1.1 MILES TO THE STATION ON THE RIGHT.
			X= 366738.57, Y= 1534676.72, ELEV= 5294.27

SURVEY INFORMATION			
FIELD NOTES	DATE	BY	DATE
NO.			



ENGINEER'S SEAL			
REMARKS	DATE	BY	DATE
DESIGN	10/00	DMG	10/00
REVISIONS	DATE	BY	DATE
NO.			

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

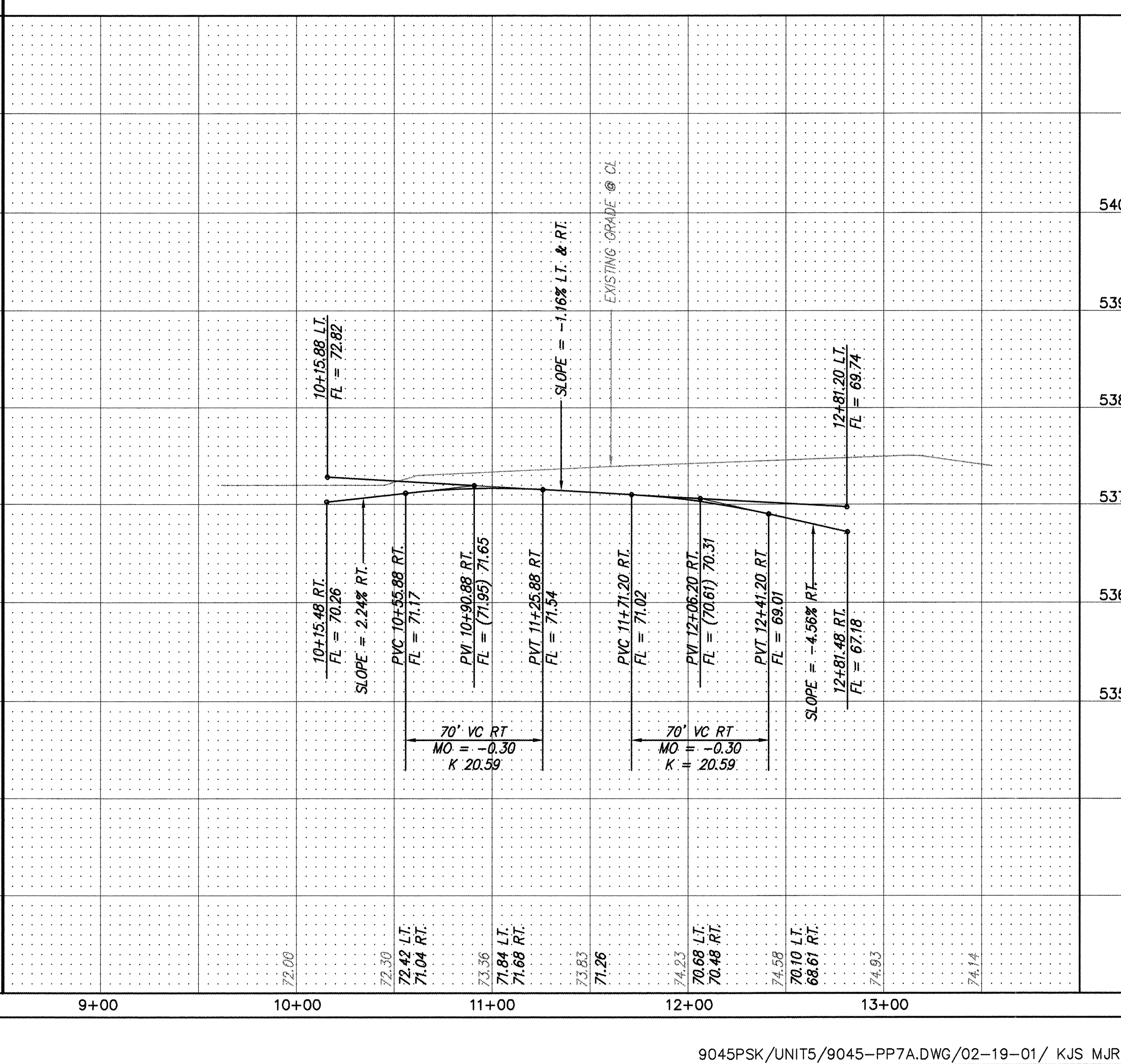
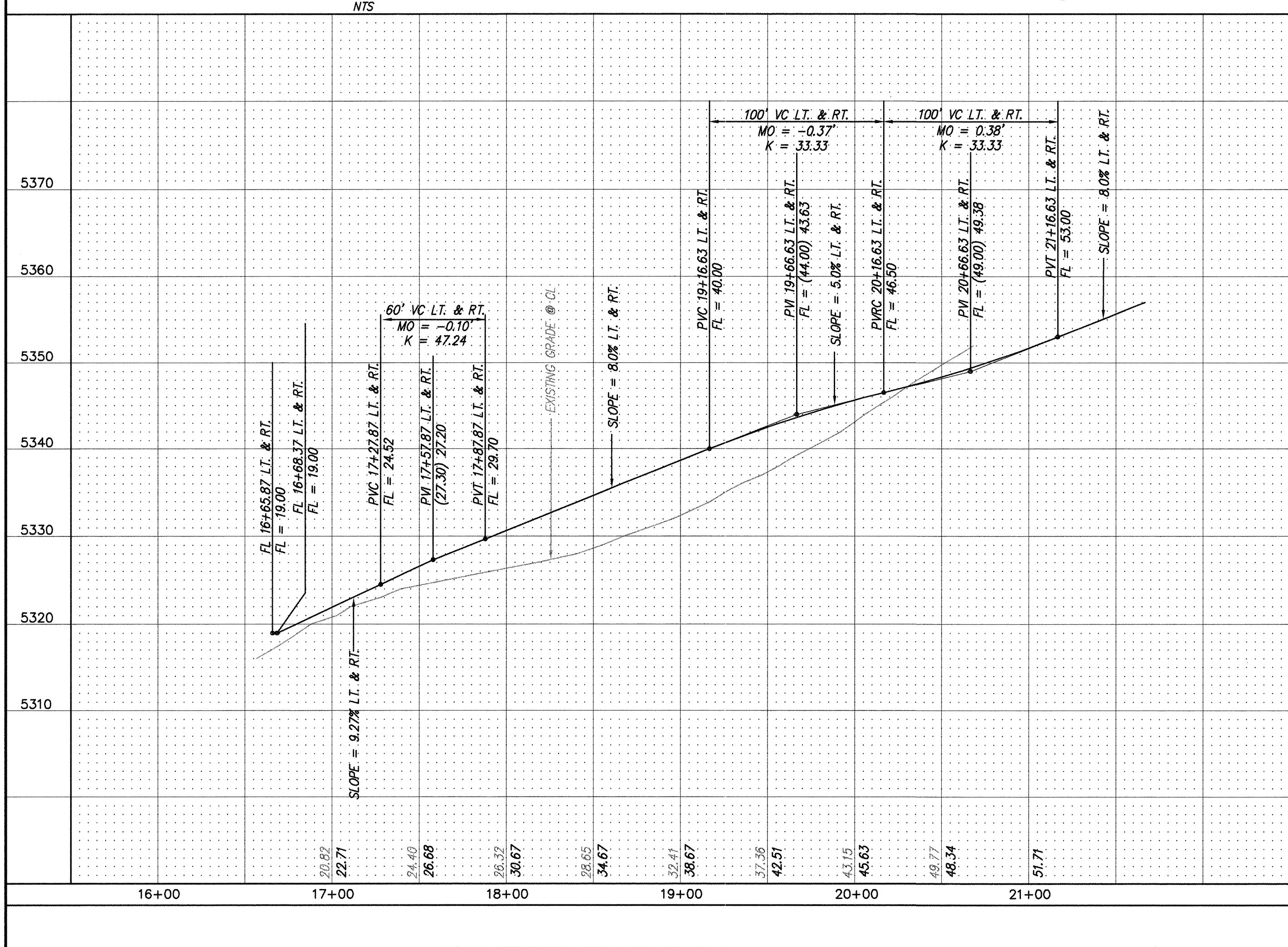
TITLE: **PARADISE SKIES UNIT 5 MASTER PAVING PLAN**

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

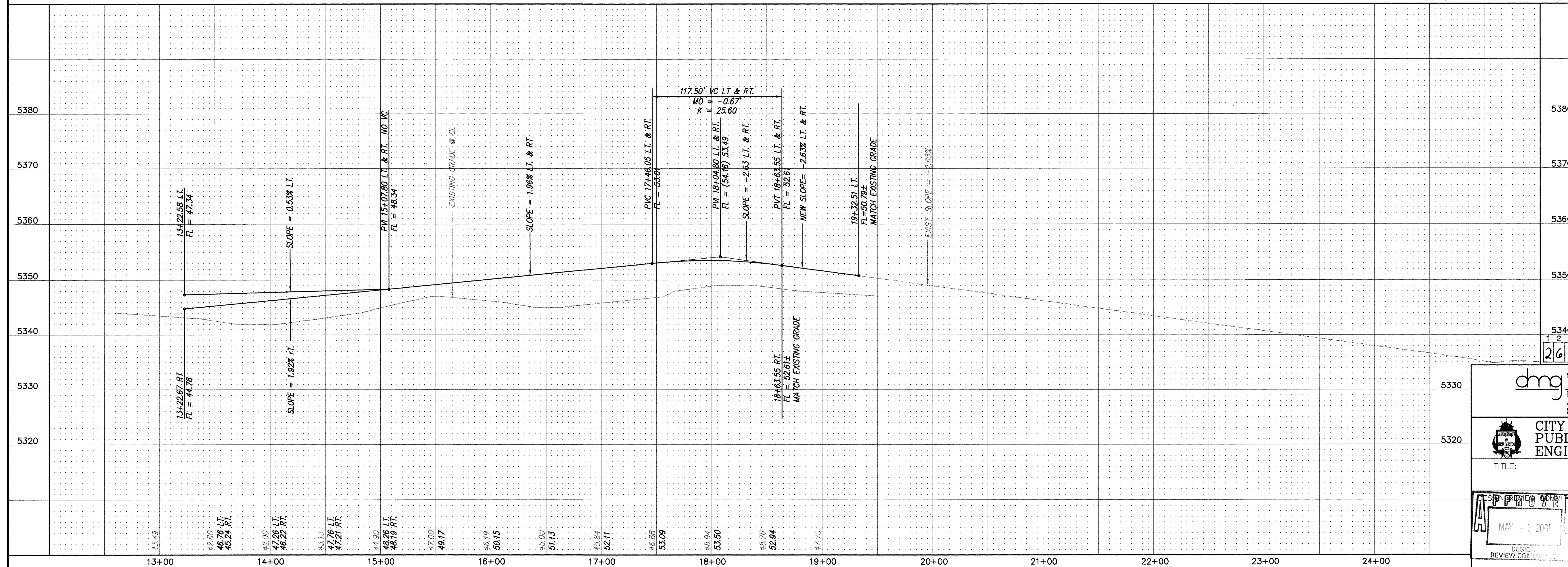
LAST DESIGN UPDATE

CITY PROJECT NO. **6526.81** ZONE MAP NO. **A10-A11** SHEET **6** OF **23**



SHEET OF

23

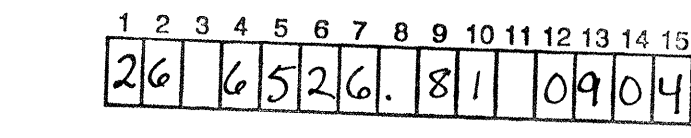
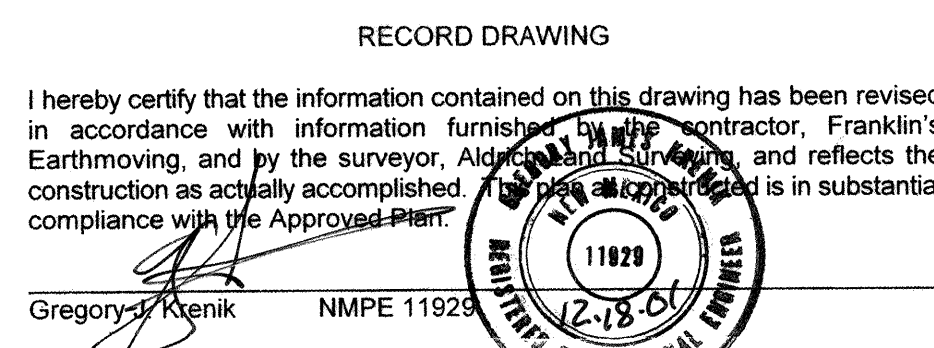


Gregory J. Krenik NMPE 11929

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

SHEET OF

OF




 CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP

DESIGN REVIEW COMMITTEE

A P P R O V E

MAY - 2 2001

DESIGN REVIEW

CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
652681	A10-A11	9	23

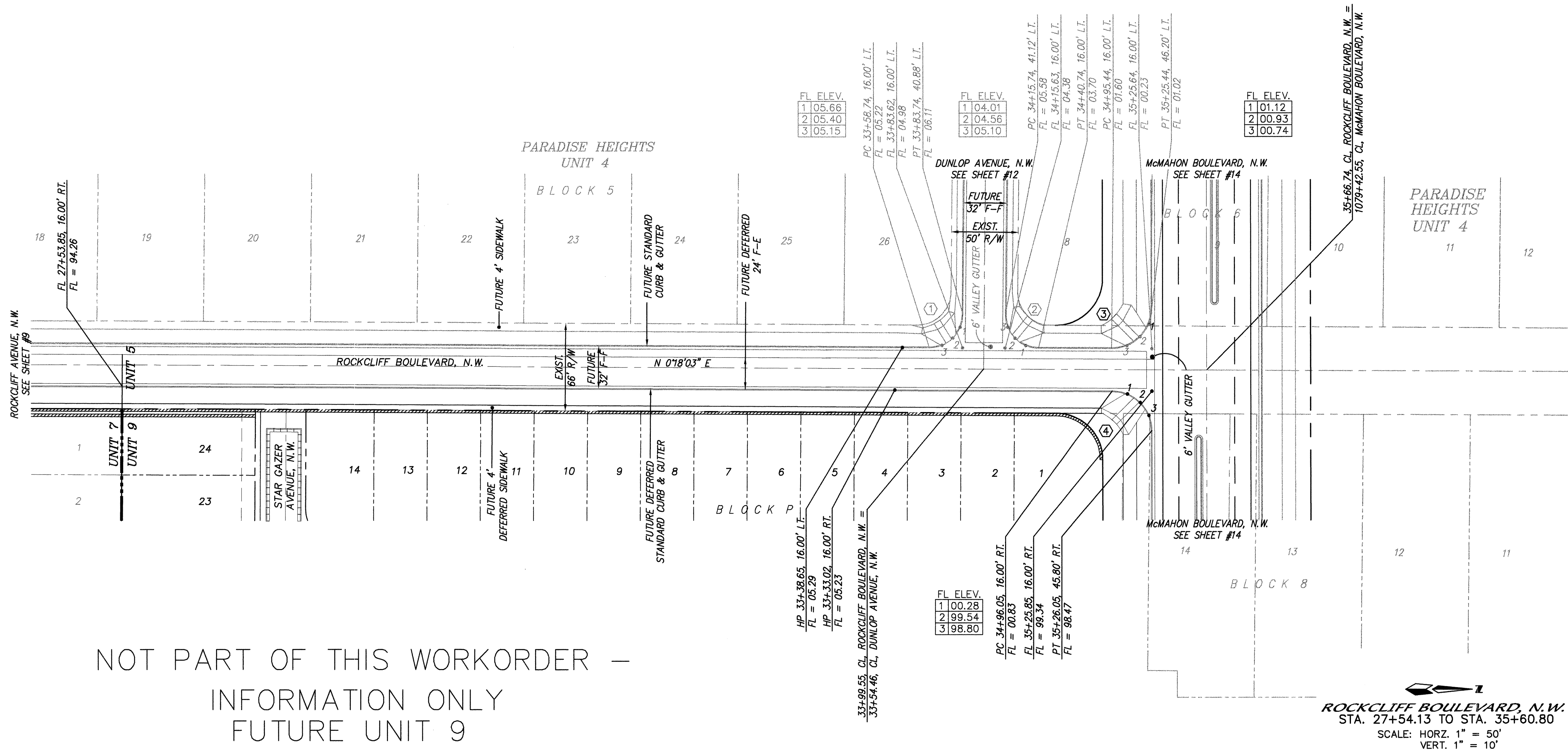
CURVE DATA - DESCRIBES CENTERLINE

① $\Delta = 1109'33''$
 $R = 1500.00'$
 $T = 292.15'$
 $L = 146.54'$

[illegible]

UNIT	
UNIT GROUP	
UNIT 5	
MENTS	
MO./DAY/YR.	MO./DAY/YR.
NO.	SHEET OF
111	9 23

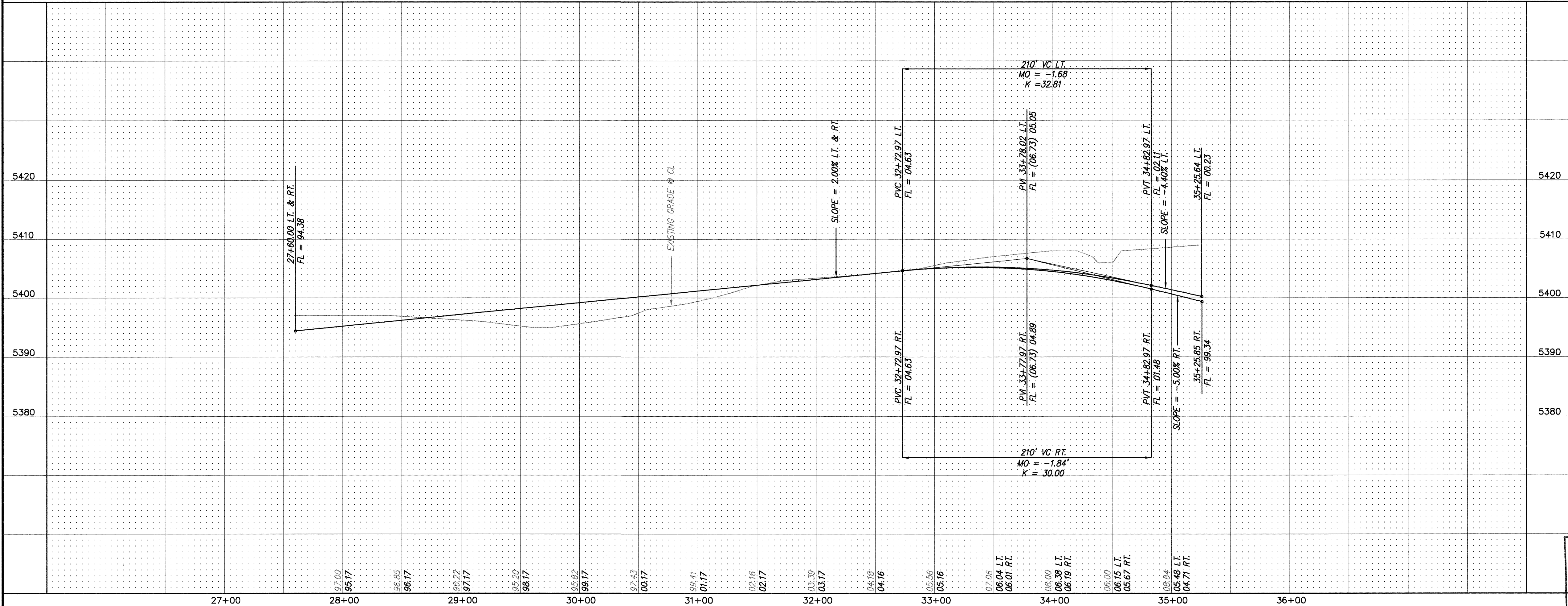
SCANNED BY
MESA REPRO



NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA — DESCRIBES FACE OF CURB

STATION	Δ	R	T	L
27+53.85	89°43'55"	25.00'	24.88'	39.15'
28+00.00	90°16'05"	25.00'	25.12'	39.39'
28+53.85	90°22'41"	30.00'	30.20'	47.32'
29+00.00	89°37'19"	30.00'	29.80'	46.93'



ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS
1	05/20/01	DESIGN
2	05/20/01	DESIGN
3	05/20/01	DESIGN
4	05/20/01	DESIGN
5	05/20/01	DESIGN
6	05/20/01	DESIGN
7	05/20/01	DESIGN
8	05/20/01	DESIGN
9	05/20/01	DESIGN
10	05/20/01	DESIGN
11	05/20/01	DESIGN
12	05/20/01	DESIGN
13	05/20/01	DESIGN
14	05/20/01	DESIGN
15	05/20/01	DESIGN

DESIGNED BY: G/K DATE: 10/00
DRAWN BY: NHM DATE: 10/00
CHECKED BY: DMG DATE: 10/00

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

TITLE: **PARADISE SKIES UNIT 5
PAVING IMPROVEMENTS**

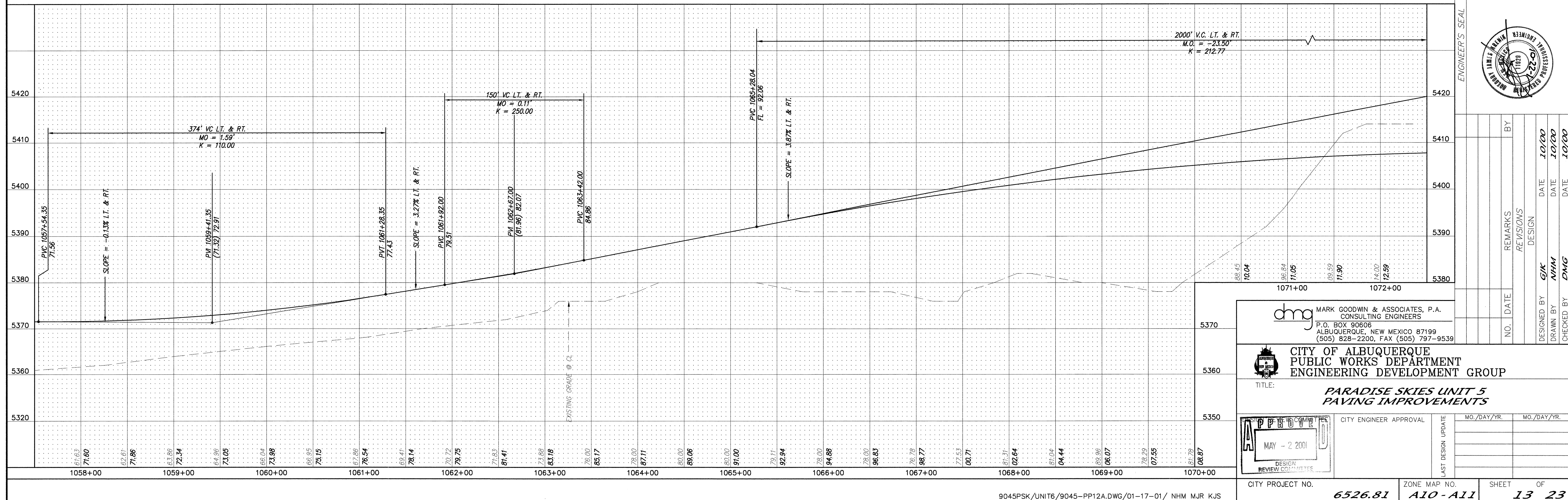
DESIGN REVIEW COMMITTEE: **APPROVED**
MAY - 2 2001

CITY PROJECT NO. **6526.81** ZONE MAP NO. **A10-A11** SHEET **11** OF **23**

1. ALL STATIONING IS CENTERLINE STATIONING.

NOT PART OF WORKORDER – INFORMATION ONLY
FUTURE WORK

McMAHON BOULEVARD, N.W.
STA. 1057+54.35 TO STA. 1072+14.91
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

[illegible]

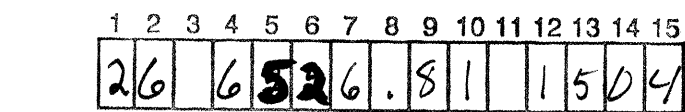
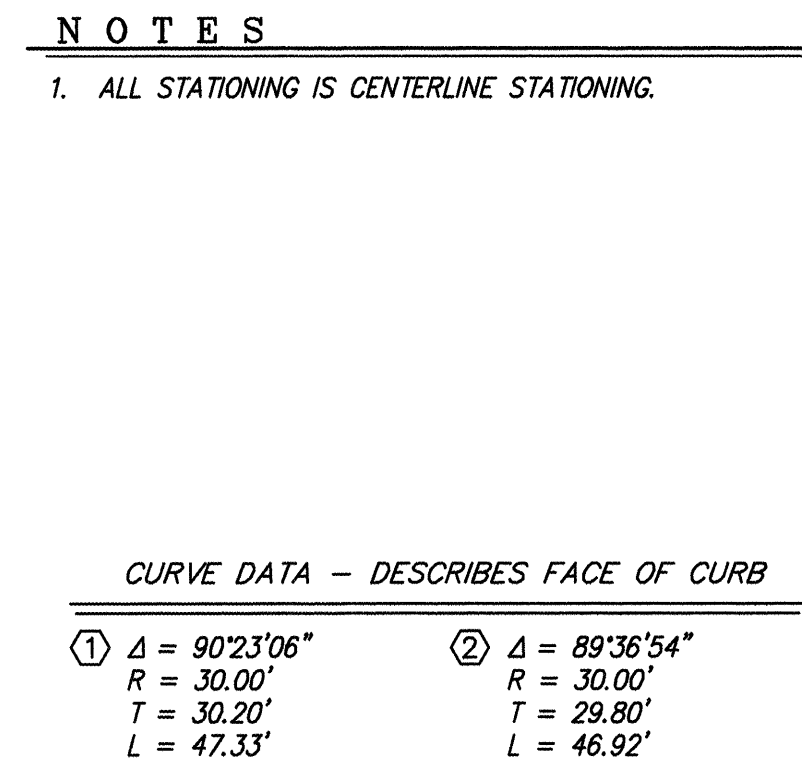
 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: *PARADISE SKIES UNIT 5
PAVING IMPROVEMENTS*

	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
6526.81	A10 - A11	13	23

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



 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

DESIGN REVIEW COMMITTEE
APPROVED
MAY - 2 2001
DESIGN REVIEW COMMITTEE

MO./DAY/YR.

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ZONE MAP NO	
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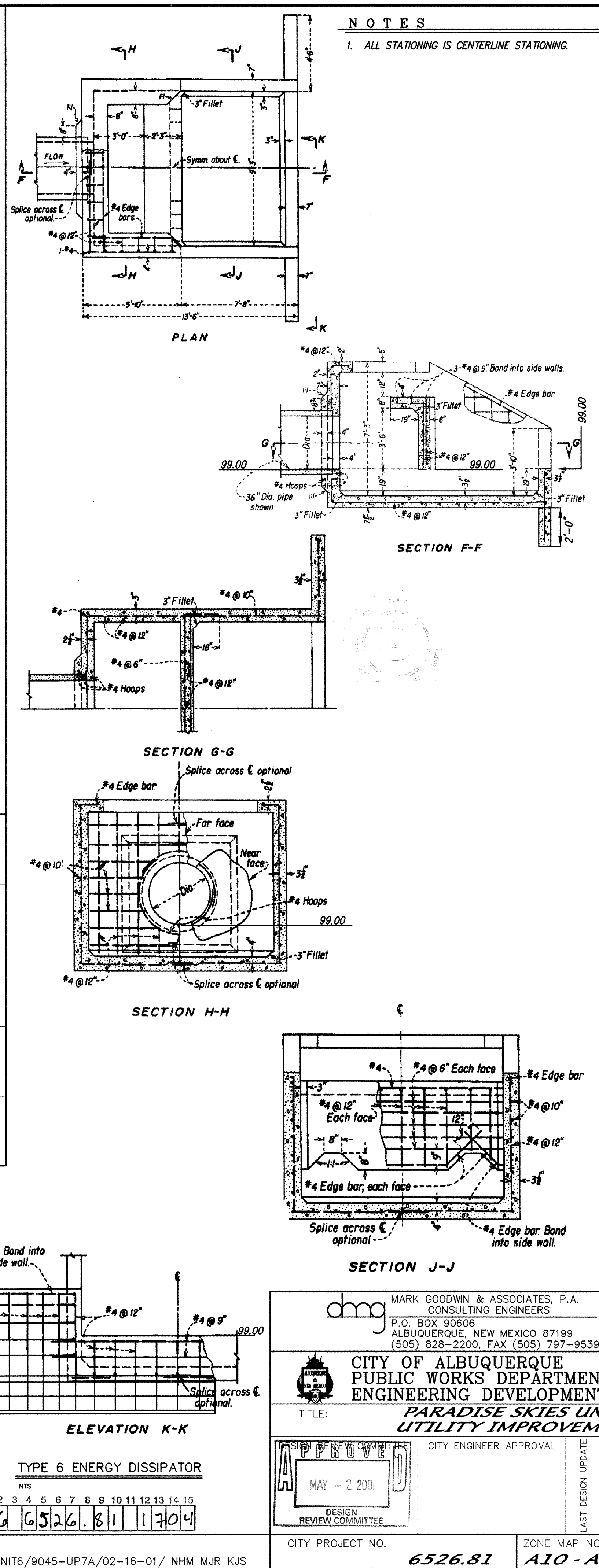
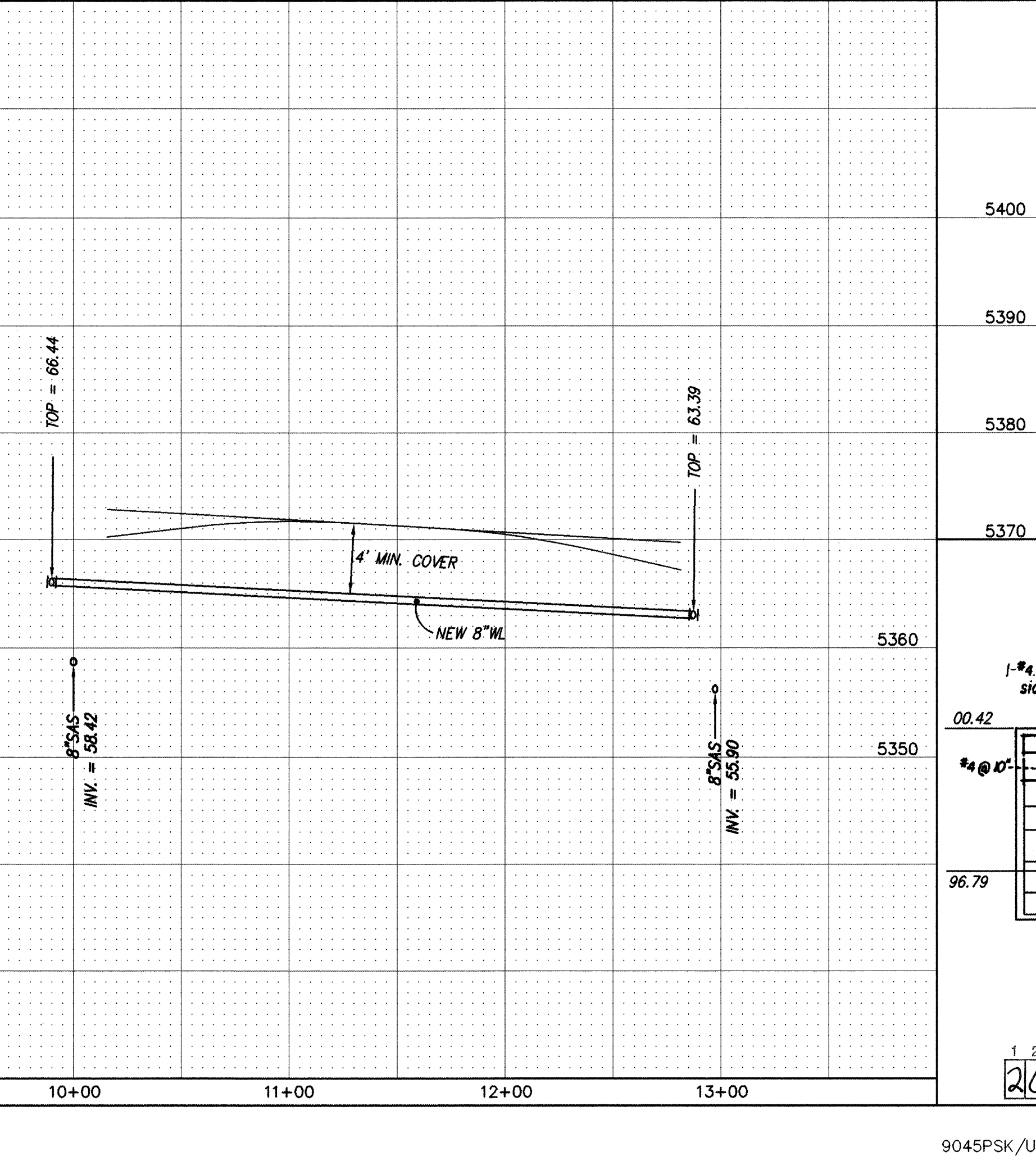
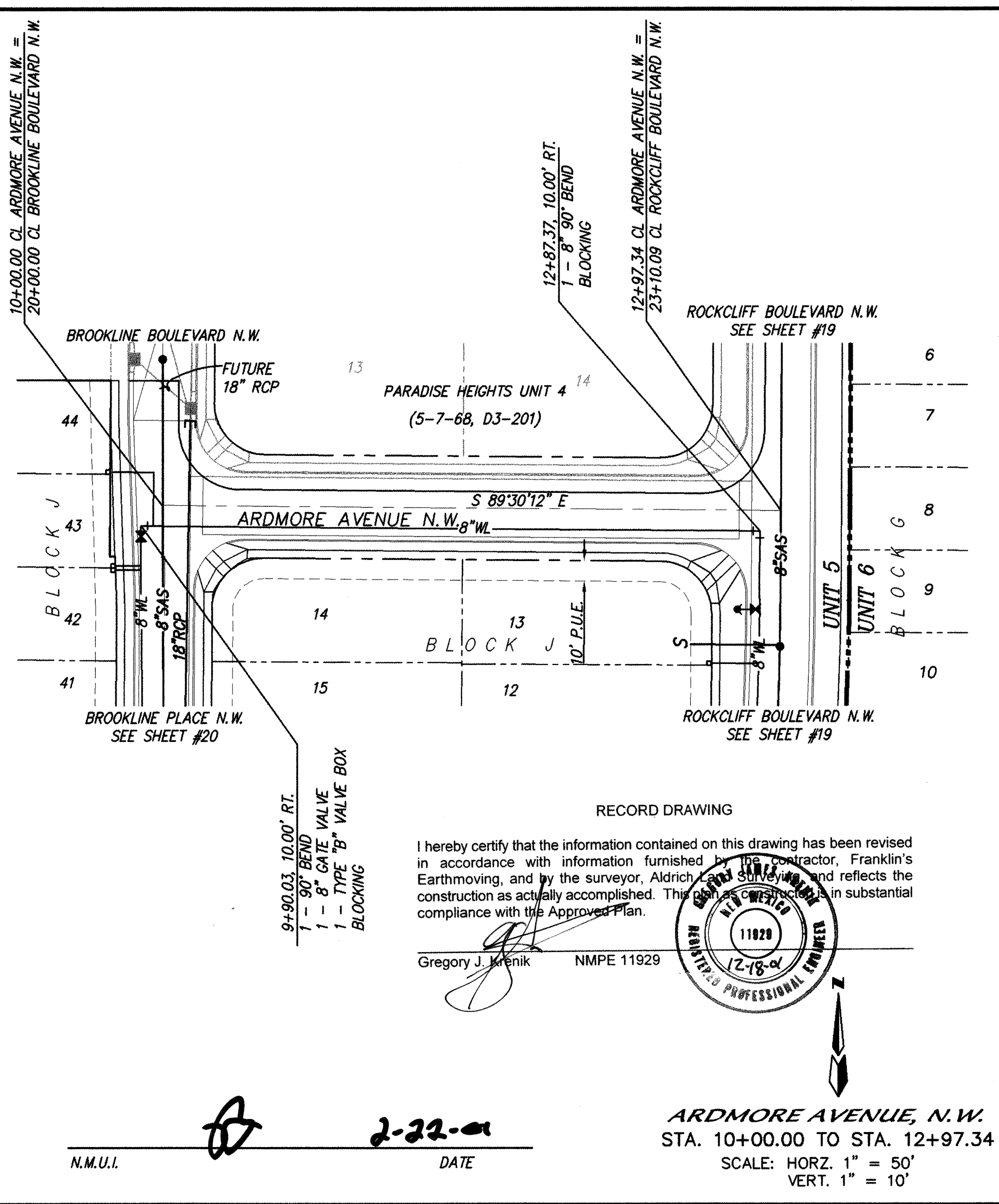
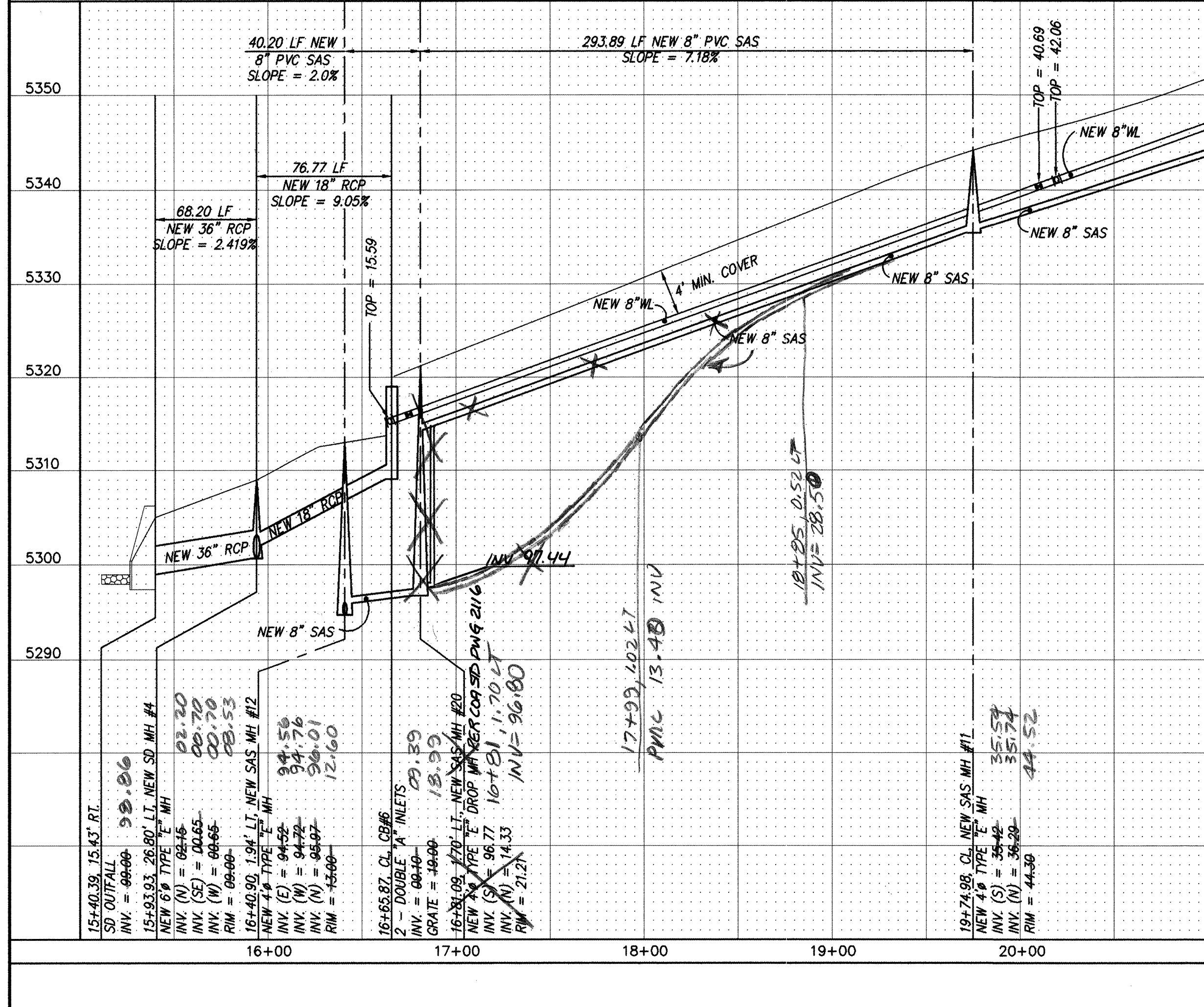
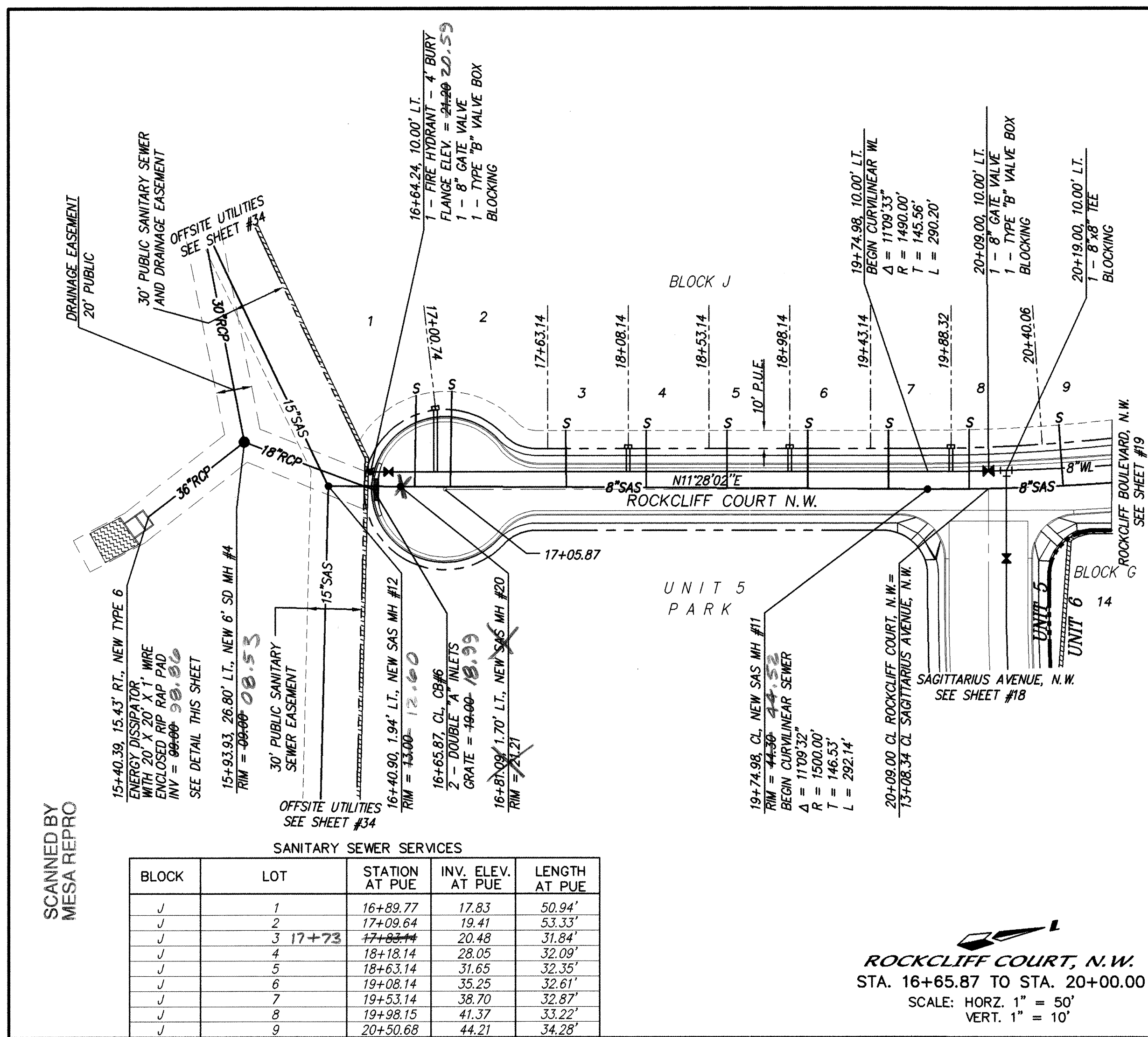
SHEET OF



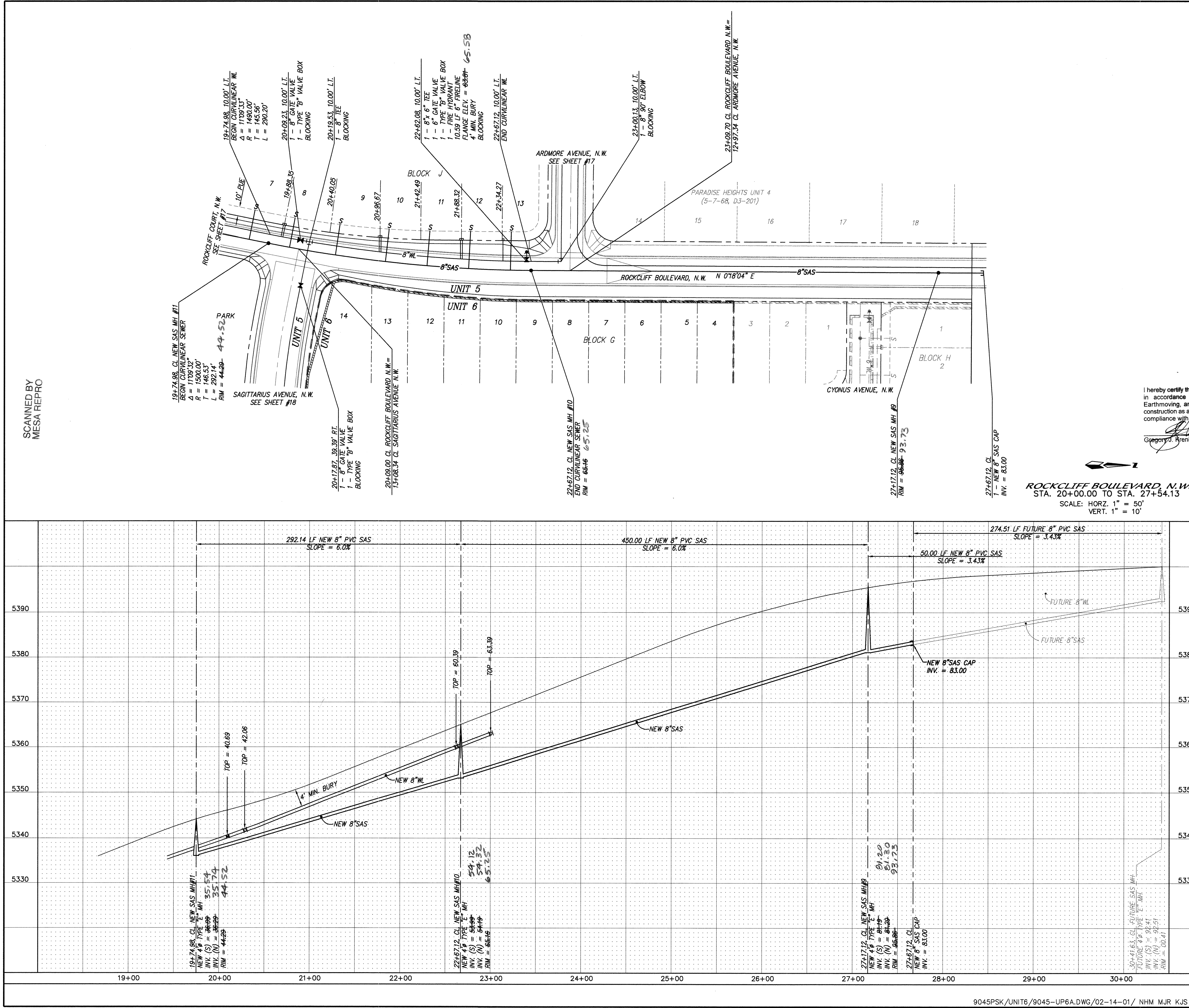
CITY PROJECT NO.	6526.81	ZONE MAP NO.	A10 - A11	SHEET	OF	16	2
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[illegible]

UNIT	
NT GROUP	
UNIT 5	
PLAN	
MO./DAY/YR.	MO./DAY/YR.
NO.	SHEET OF
ALL	16 2



F:\DATA\DWG\9045\9045PSK\UNIT6\9045-UP6A.DWG Tue Feb 20 10:35:52 2001 plotted by mike



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
J	8	19+98.67	38.87	33.22'
J	9	20+50.02	42.09	34.28'
J	10	21+05.76	46.80	36.35'
J	11	21+51.89	50.44	38.80'
J	12	21+98.05	54.13	41.45'
J	13	22+44.33	57.83	42.83'

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, and by the surveyor, Robert J. Krenik, and reflects the construction as actually accomplished. The plans as constructed are in substantial compliance with the Approved Plans.

Gregory J. Krenik
NMPE 11620
REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION

CONTRACTOR	DATE
FRANKLIN'S	01/01/96

THE STATION IS A 3 1/4" ALUMINUM CAP FASTENED TO A PIPE 0.15 FT. ABOVE THE GROUND AND IS STAMPED "ACS 2-A-11, 1996, TO REACH THE STATION FROM THE INTERSECTION I-40 AND CORPS RD. NW. TRAVEL NORTH ON CORPS 6.2 MILES TO IRVING BLVD., TURN WEST AND TRAVEL 1.4 MILES TO GOLF COURSE RD. TURN NORTH AND TRAVEL 1.3 MILES TO THE COUNTY LINE. TURN WEST JUST INSIDE THE COUNTY LINE ON A DIRT ROAD, TRAVEL 1.1 MILES TO THE STATION ON THE RIGHT.
X= 366738.57, Y= 1534676.72, ELEV= 5294.27

SURVEY INFORMATION

FIELD NOTES	DATE
NO.	BY

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

DESIGN REVIEW COMMITTEE

APPROVED
MAY - 2 2001
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

MO./DAY/YR.

MO./DAY/YR.

CITY PROJECT NO.

6526.51

ZONE MAP NO.

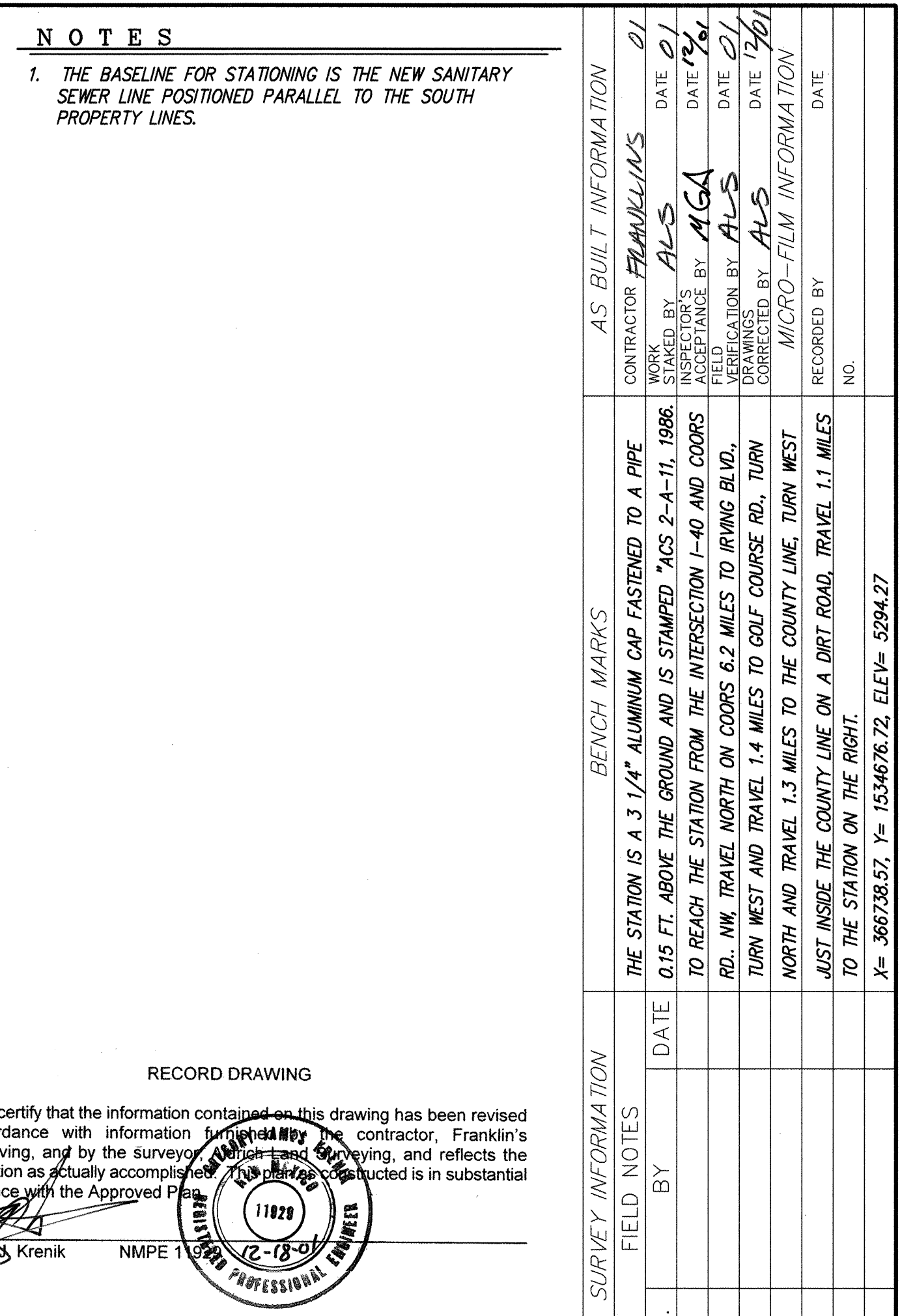
A10-A11

SHEET

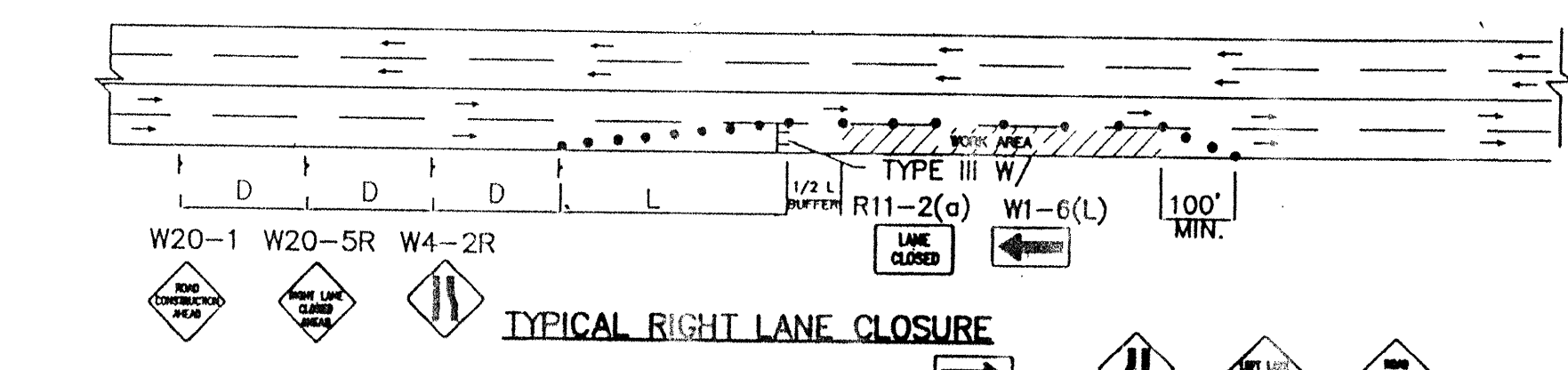
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OF

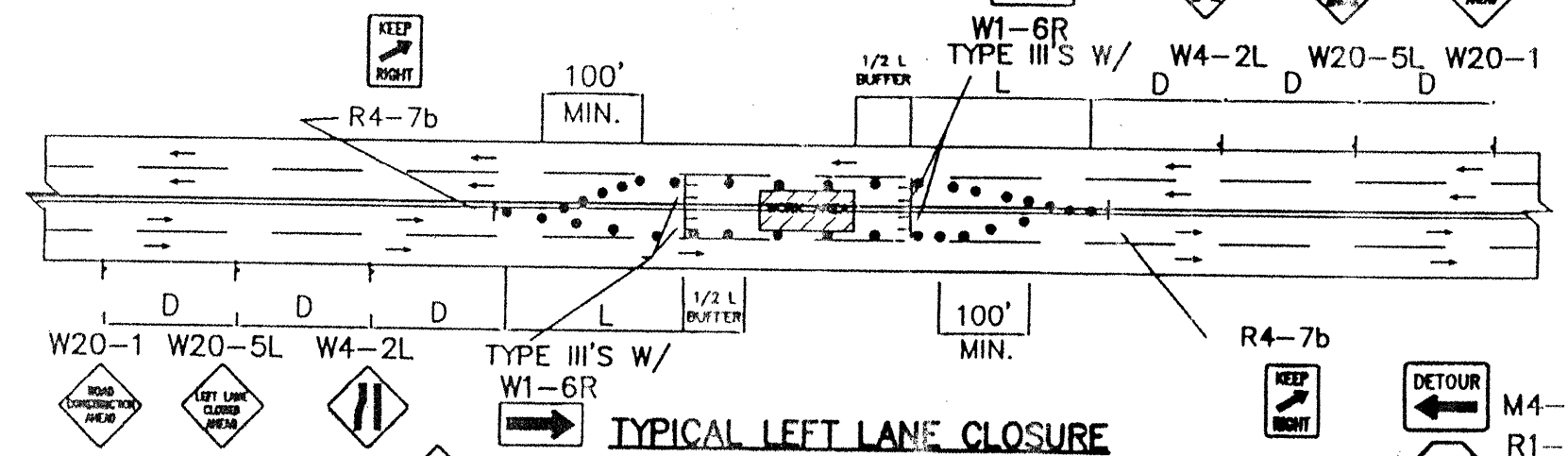
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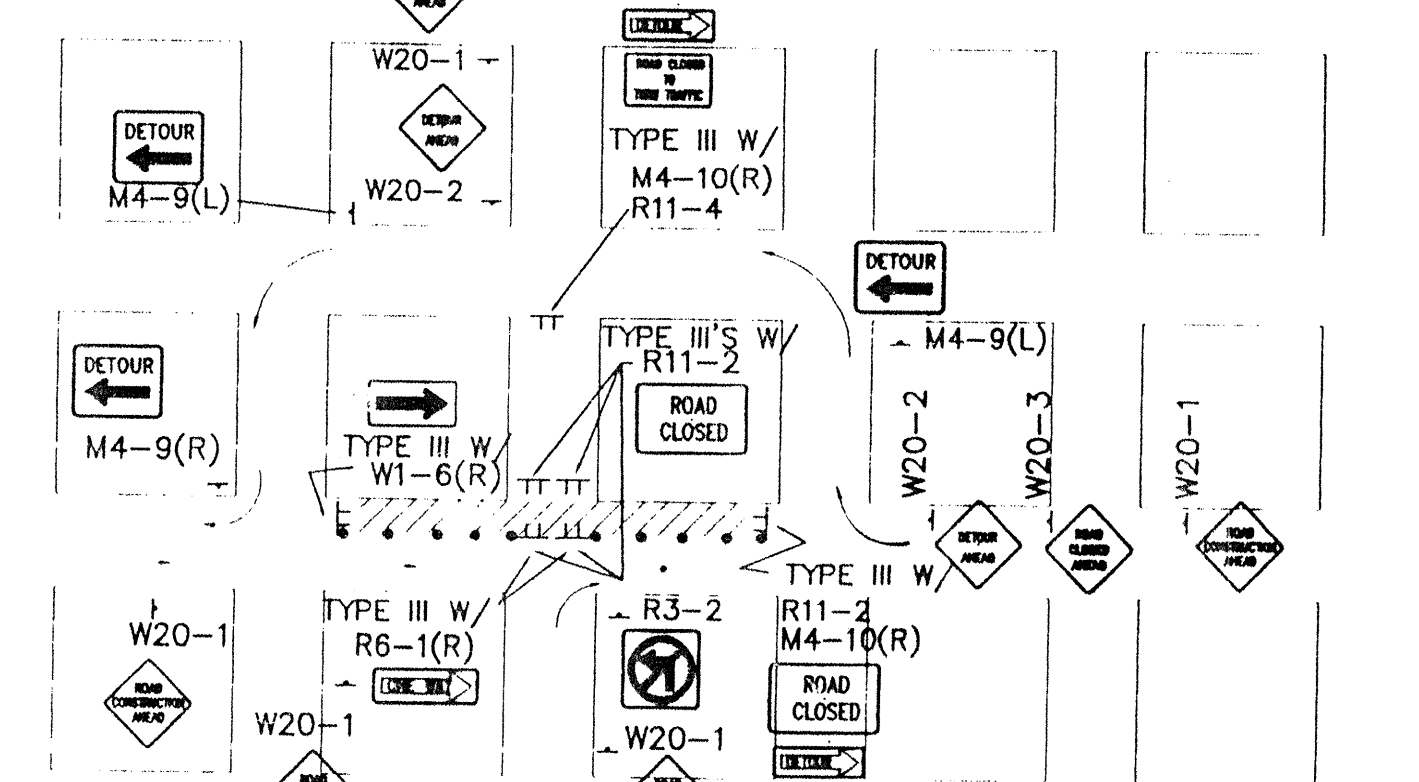
SCANNED BY
MESA REPRO



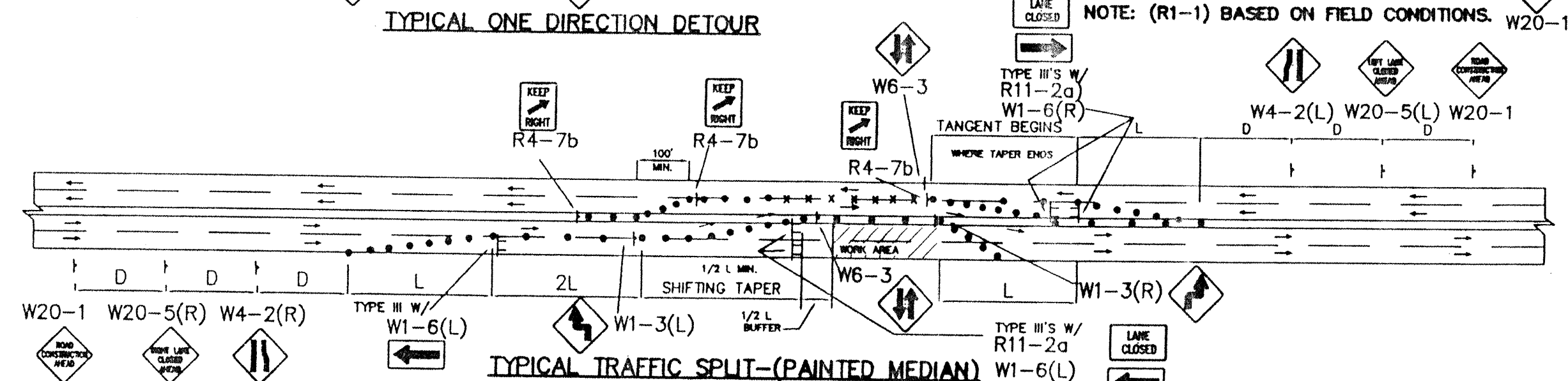
TYPICAL RIGHT LANE CLOSURE



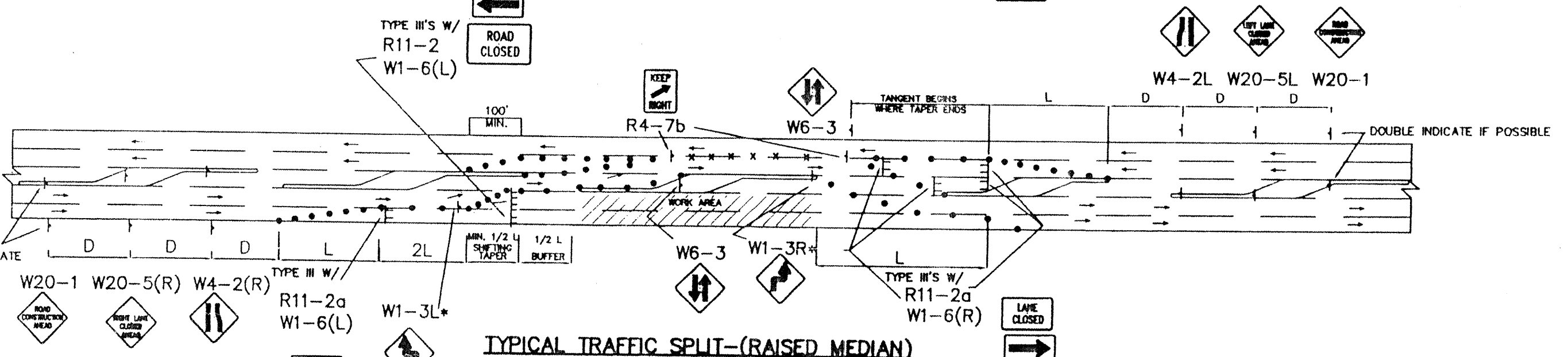
TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR



TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

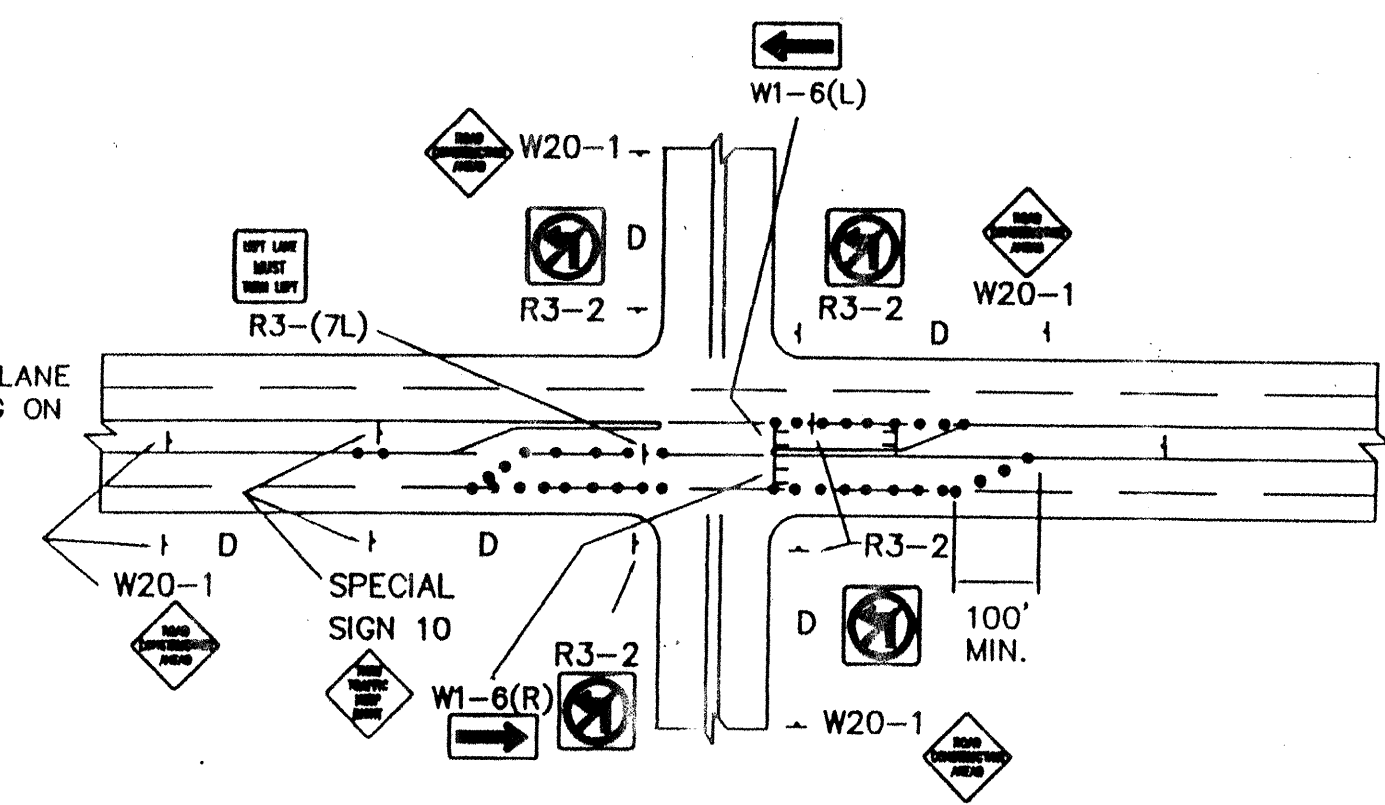
- TRAFFIC SPLIT NOTES:
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
 2. 1/2 L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
 3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
 4. MEDIAN REMOVAL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

GENERAL NOTE:

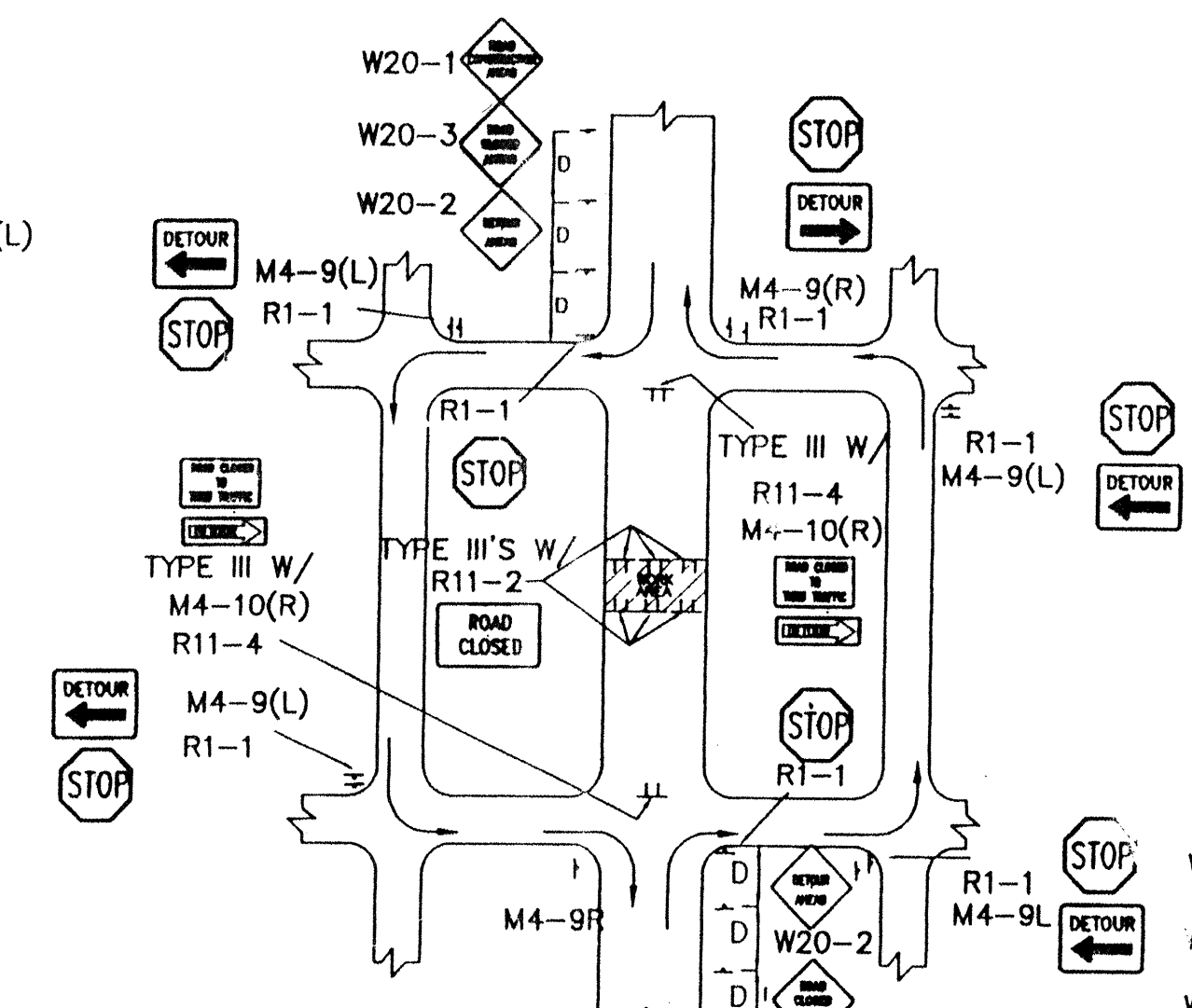
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

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.

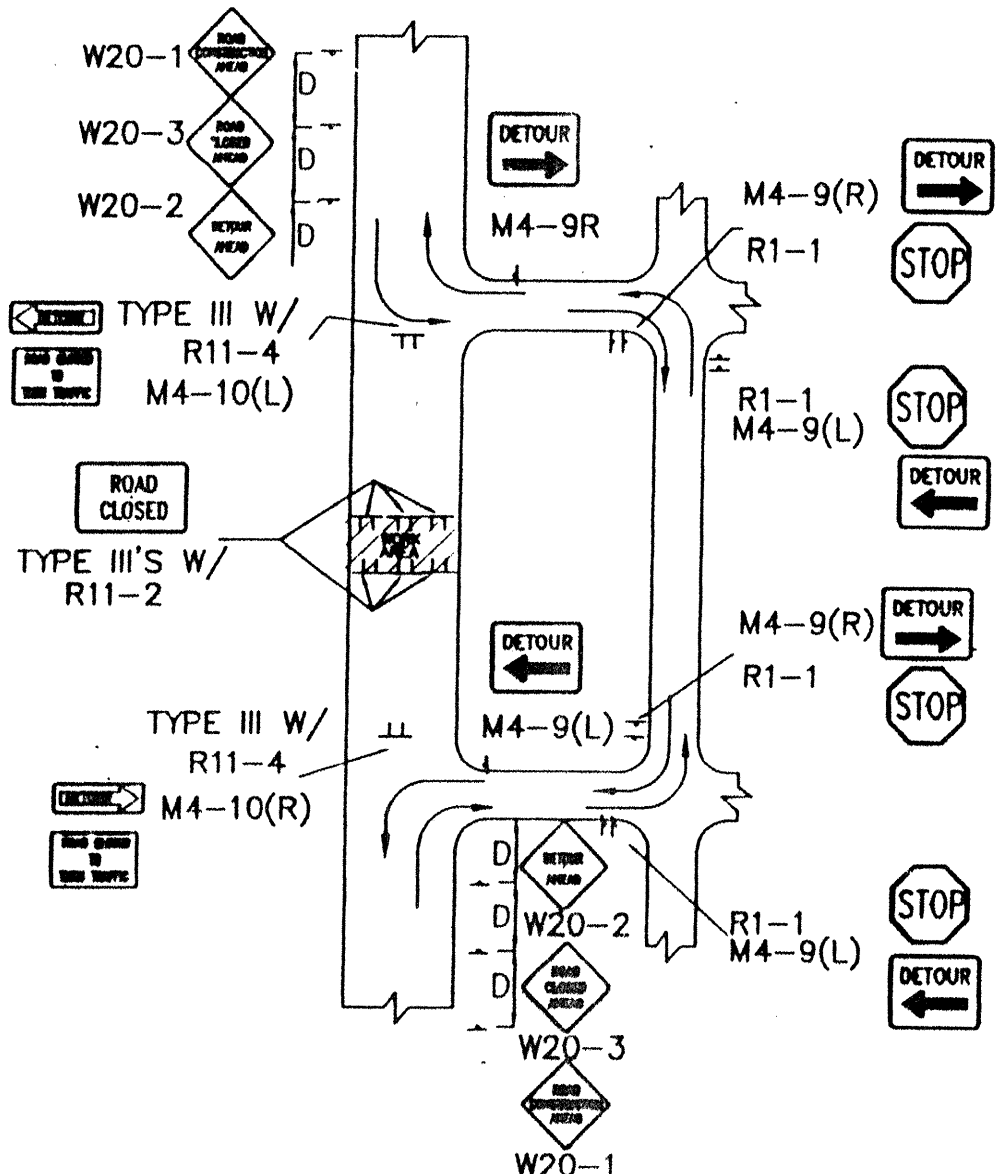
NOTE: MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.



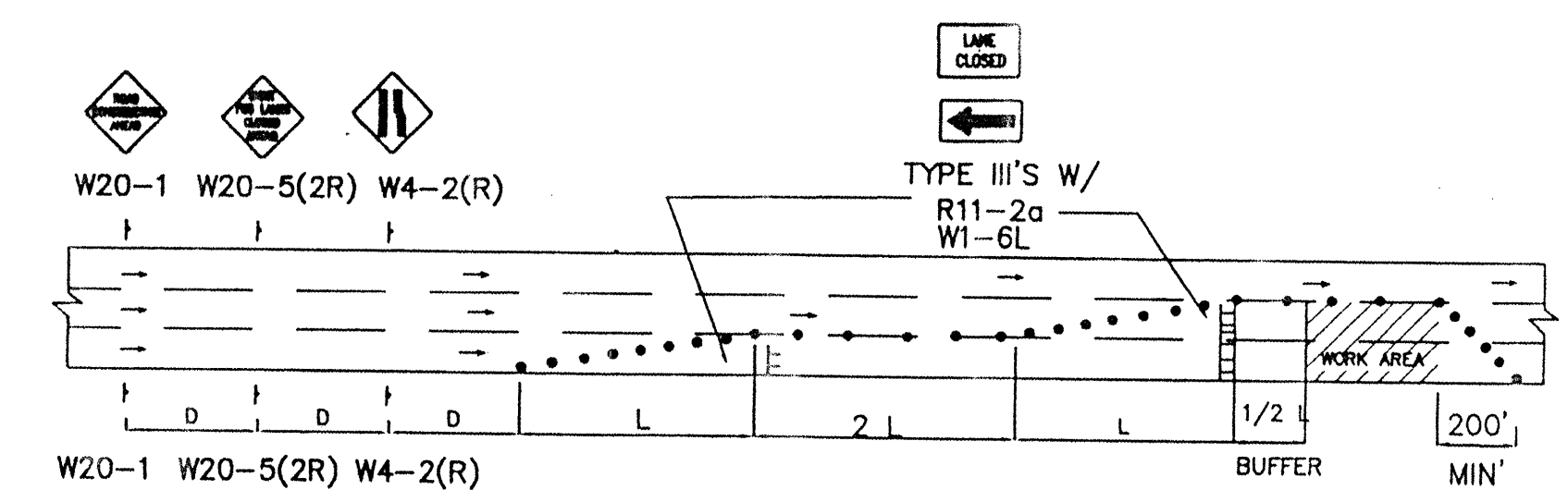
TYPICAL LANE CLOSURE AT INTERSECTION
NOTE: DEPENDING ON WORK ZONE LOCATION



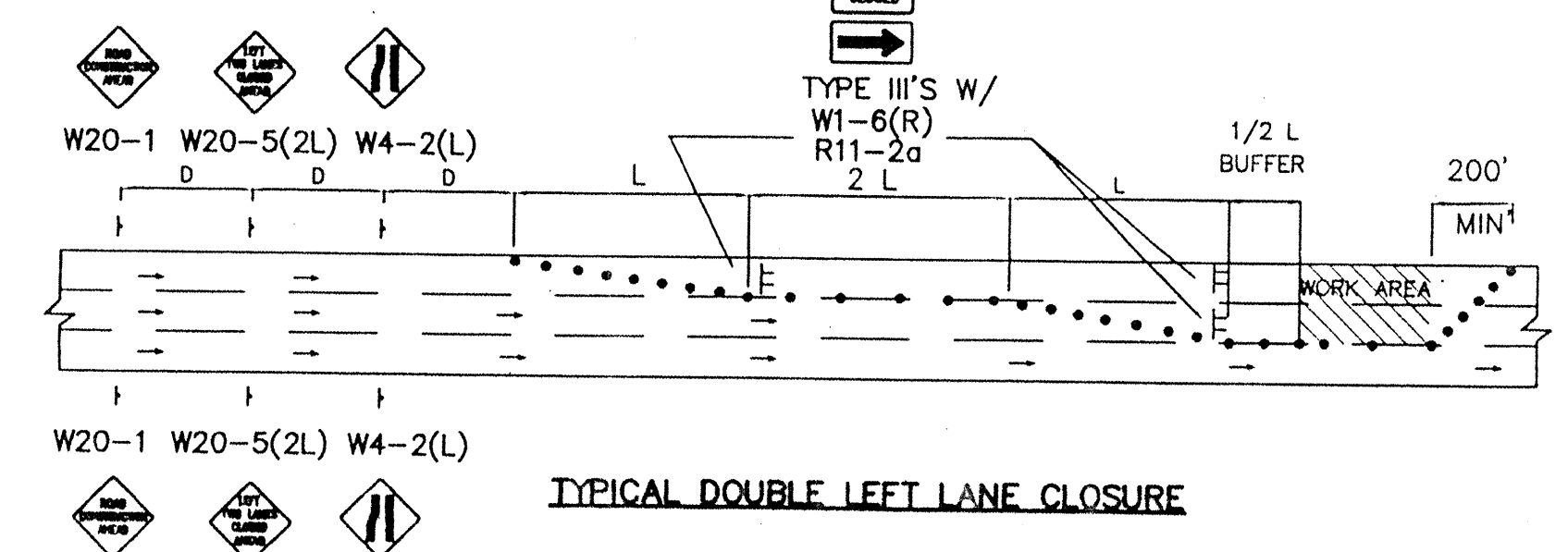
TYPICAL MID-BLOCK CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



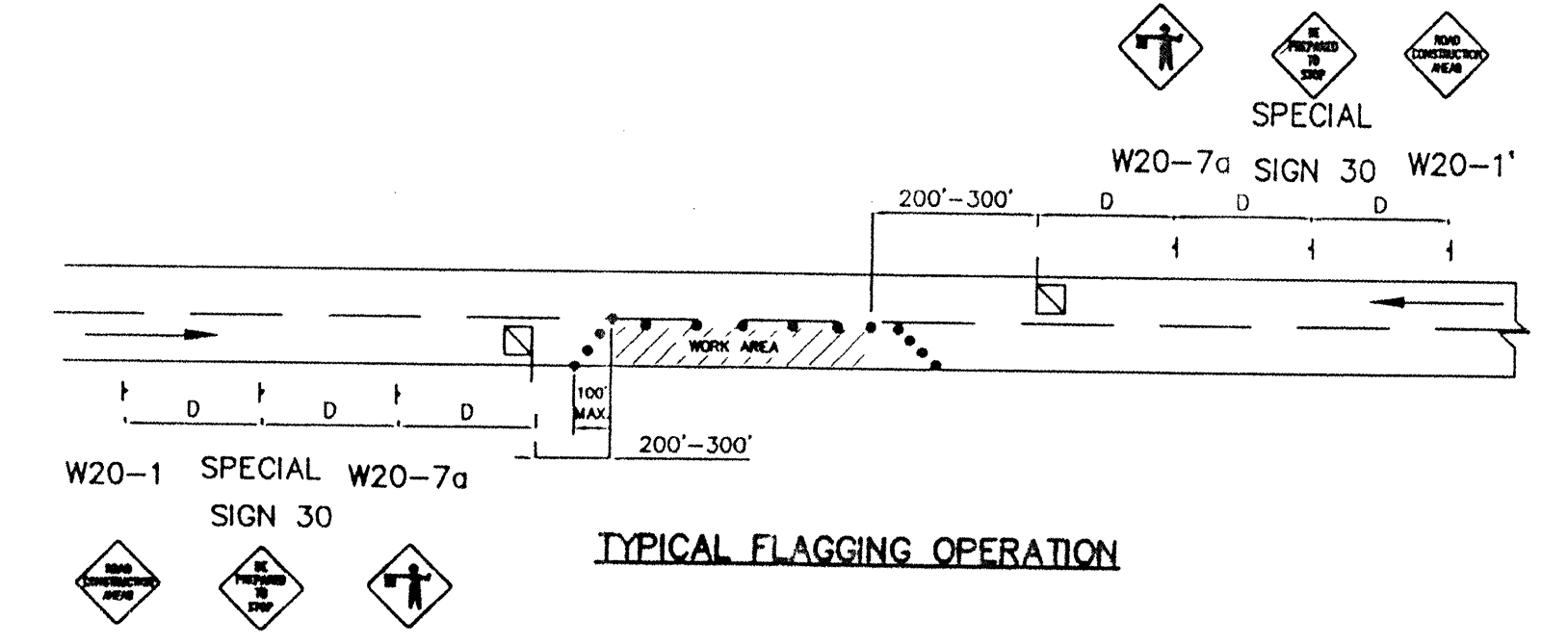
TYPICAL STREET CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



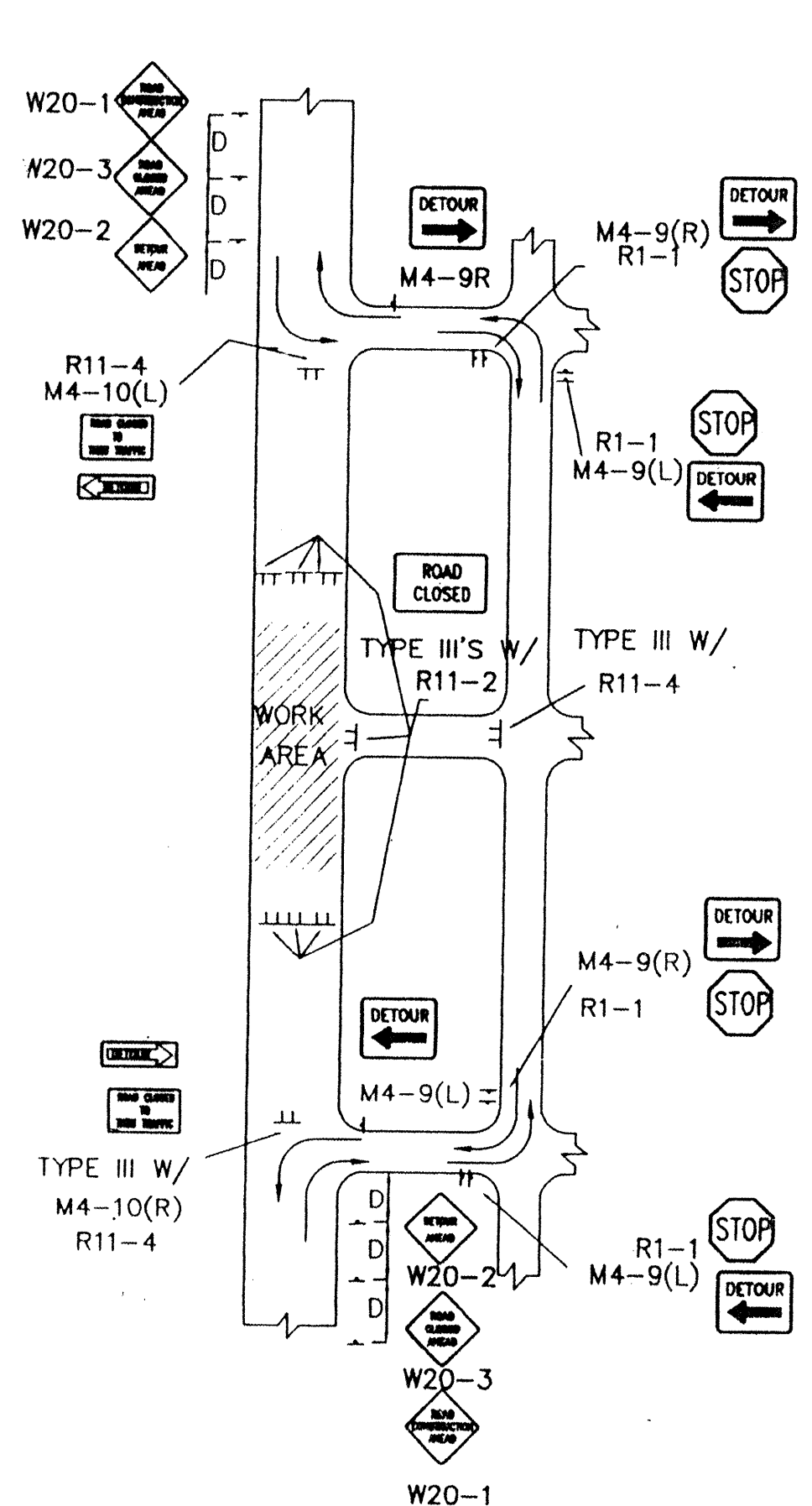
TYPICAL DOUBLE RIGHT LANE CLOSURE



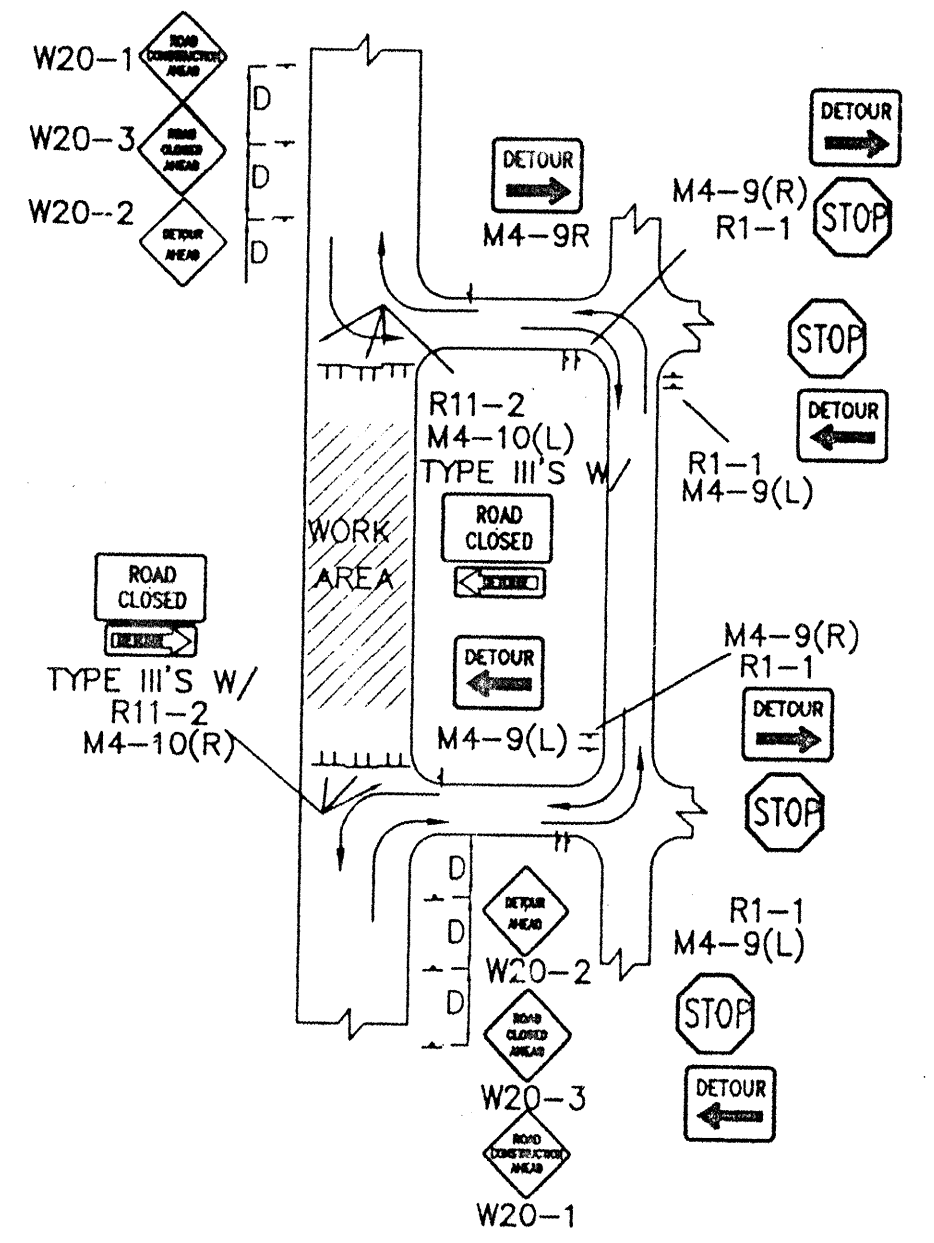
TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



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



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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6526.81 81 2204

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: PARADISE SKIES - UNIT 5 TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
DATE: 9/24/97	DATE: 9/24/97
NO. 26	NO. 81
DESIGNED BY: C.O.A. STANDARDS	
DRAWN BY: C.O.A. STANDARDS	
CHECKED BY: C.O.A. STANDARDS	
PROJECT NO. 6526.81	
MAP NO. A-10/A-11	
SHEET 22 OF 23	

AS BUILT INFORMATION	
CONTRACTOR: FARMILUMS	DATE: 9/24/97
STANDARD: A-15	DATE: 9/24/97
FIELD ASSESSMENT BY: A-15	DATE: 9/24/97
CORRECTED BY: A-15	DATE: 9/24/97
MICRO-FILM INFORMATION	
RECORDED BY: A-15	DATE: 9/24/97
NO.	

BENCH MARKS	
NO.	

SURVEY INFORMATION	
FIELD NOTES	
NO.	
DATE	

ENGINEER'S SEAL	
RECEIVED 9/24/97 CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
REVISIONS	
NO.	DATE
1	9/24/97
DESIGNED BY: C.O.A. STANDARDS	
DRAWN BY: C.O.A. STANDARDS	
CHECKED BY: C.O.A. STANDARDS	
DATE	

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.

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. 48 HOURS PRIOR TO OCCUPANCY 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.

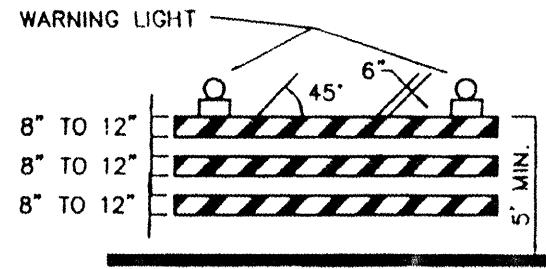
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

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

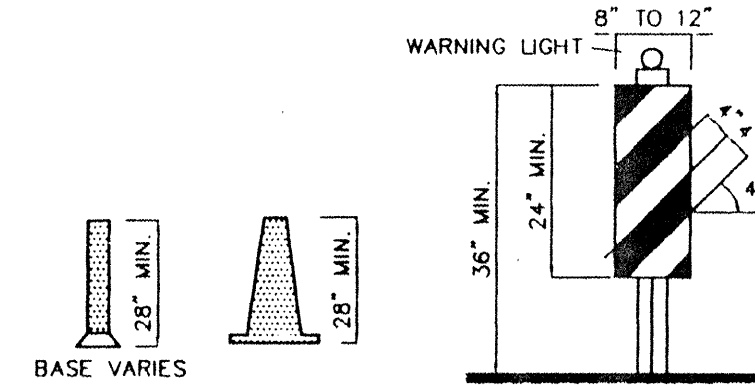
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

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

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



TYPE III BARRICADE



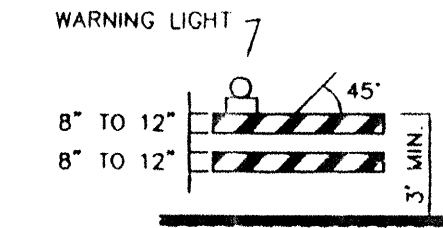
VERTICAL PANEL



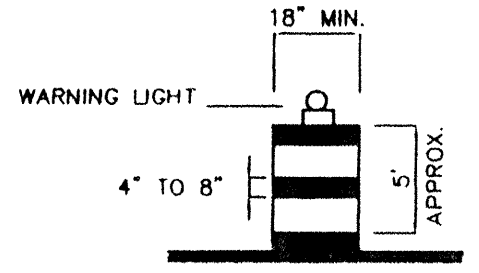
HIGH LEVEL WARNING DEVICE



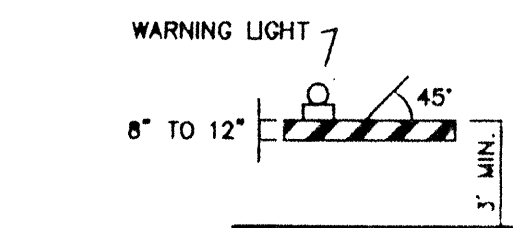
CONES



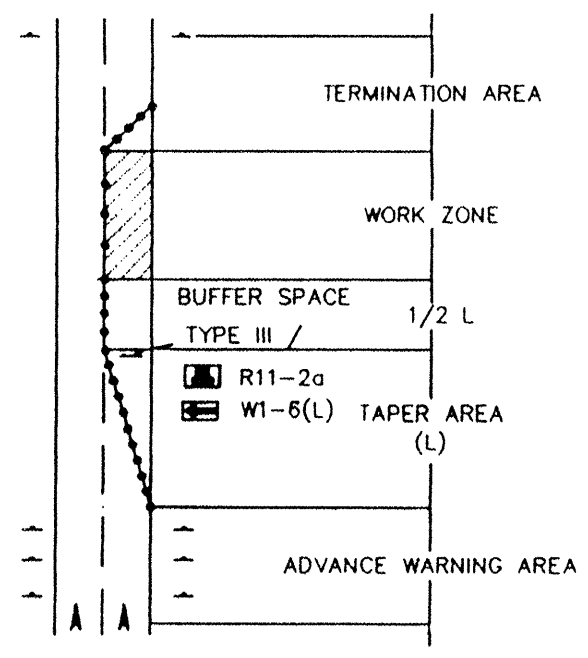
TYPE II BARRICADE COLLAPSIBLE



BARREL



TYPE I BARRICADE COLLAPSIBLE



TRAFFIC CONTROL ELEMENTS

LEGEND

- WORK AREA
BARRICADE - TYPE I, TYPE II, OR BARREL
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
TAPER LENGTH - SEE CHART BELOW
THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

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

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	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
DOWNSIDE TAPERS	100 FEET PER LANE

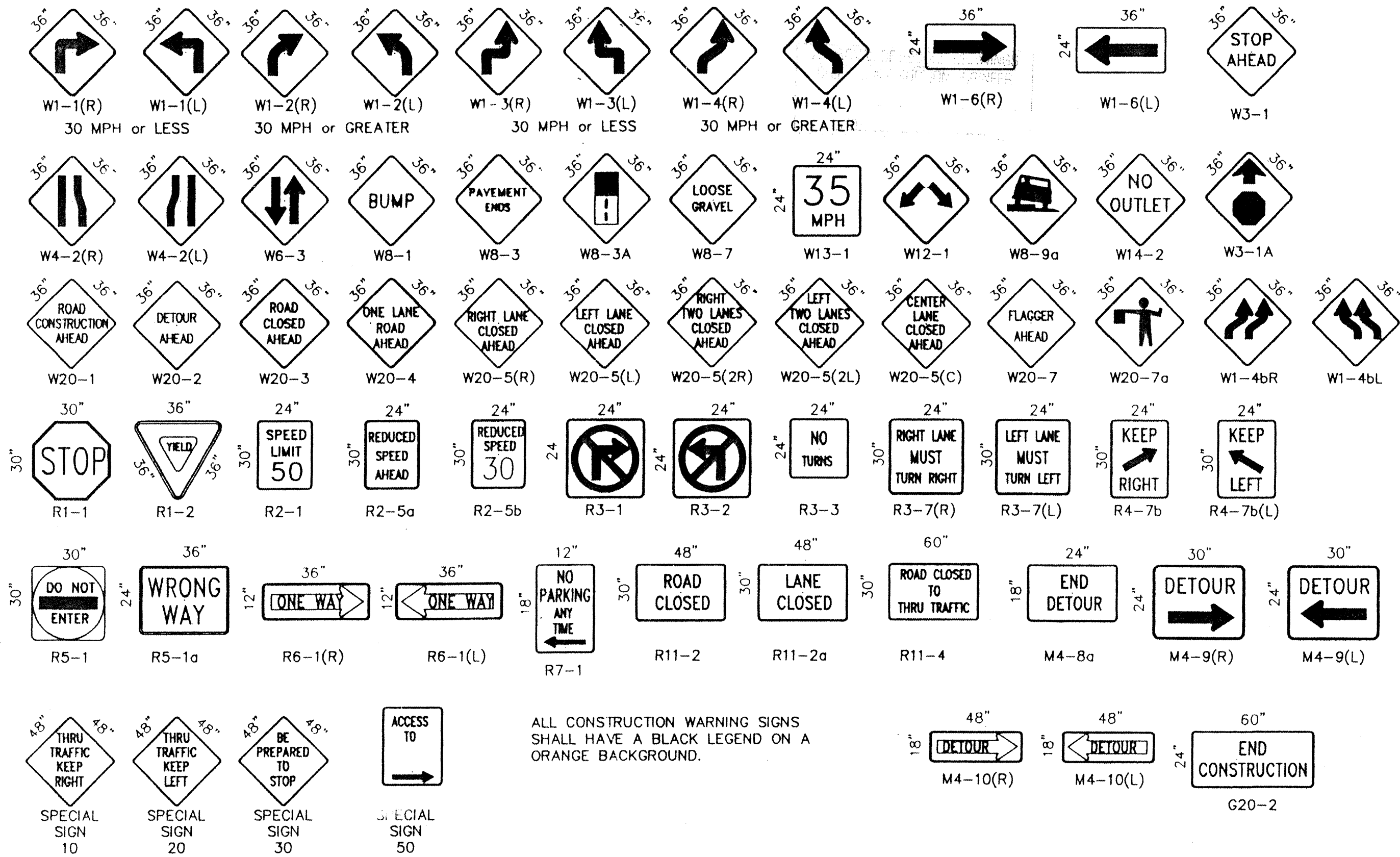
TAPER LENGTH COMPUTATION

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

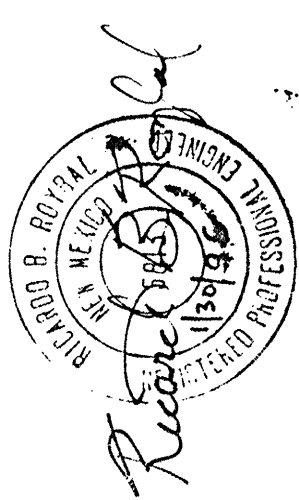
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 65 26 81 230 4

SIGN FACE DETAILS



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

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	DATE	J.D.L.	REMARKS
INSPECTOR	DATE						
VERIFICATION BY	DATE						
RECORDING BY	DATE						
MICRO-FILM INFORMATION							
RECORDED BY							
NO.							



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: PARADISE SKIES - UNIT 5 SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
LAST UPDATE	
PROJECT NO. 6526.81	
MAP NO. A-10/A-11	SHEET 23 OF 23