

SUNPORT PARK

BLOCKS 4-A AND 4-B

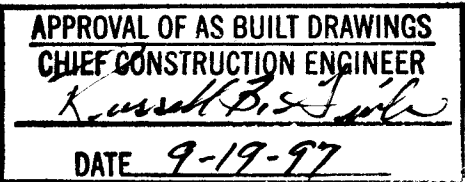
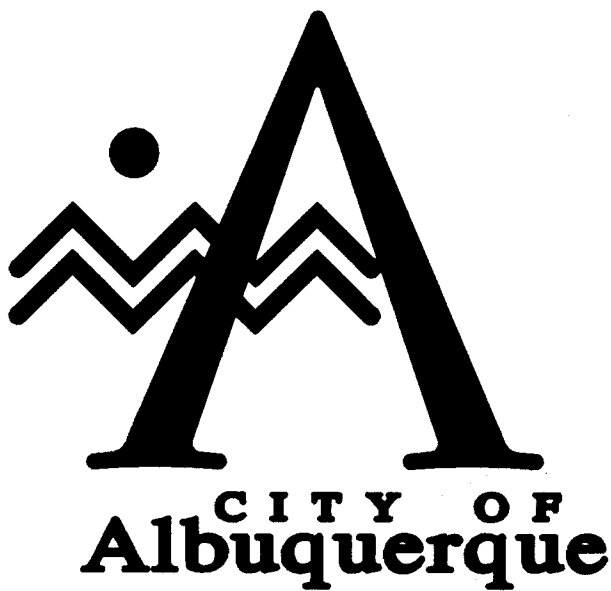
INFRASTRUCTURE IMPROVEMENTS

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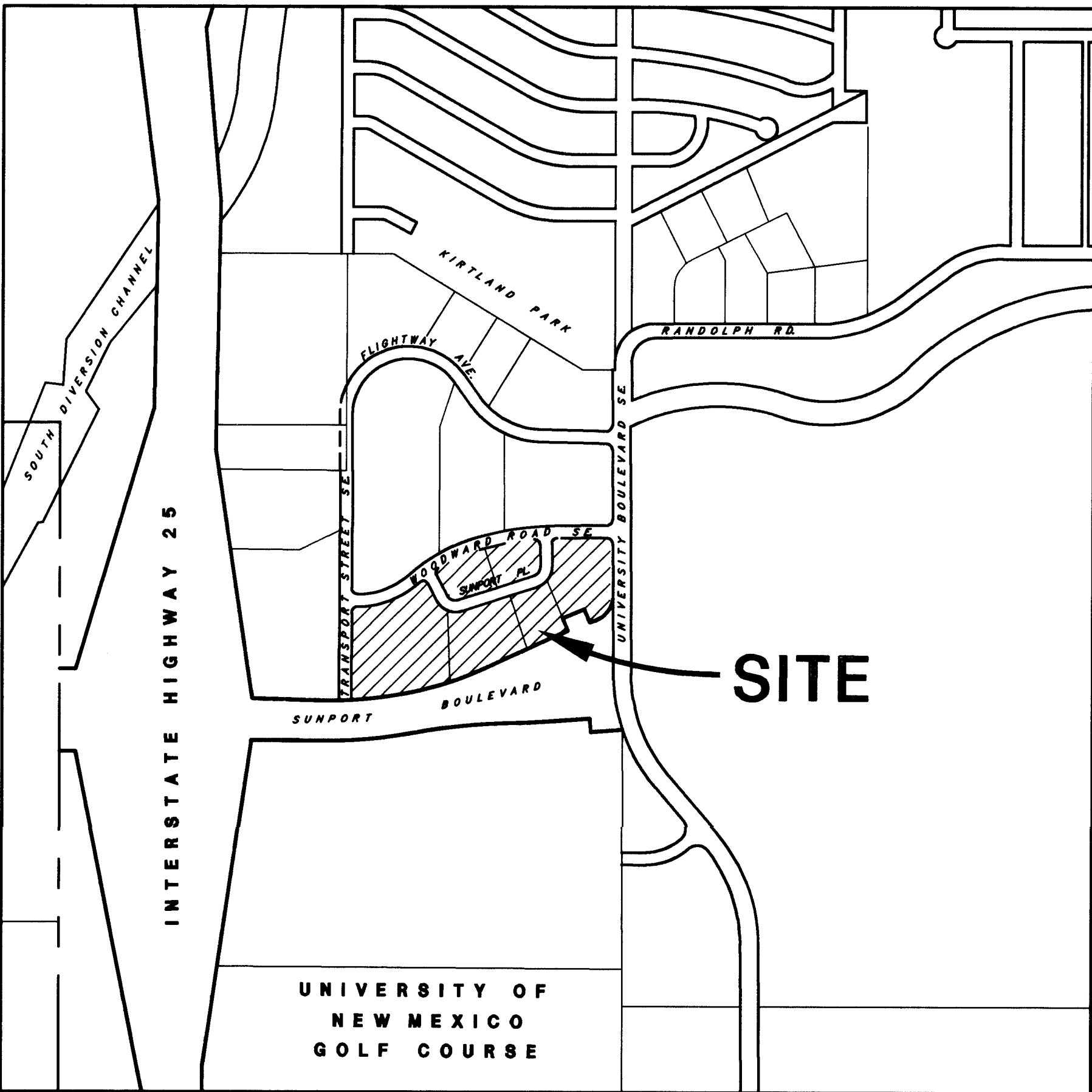
SUNPORT JOINT VENTURE

ALBUQUERQUE, NEW MEXICO



REGORD DRAWING
John A. Anderson

96-131
DRB Case No.



LOCATION MAP
SCALE: 1"=1000'
ZONE ATLAS MAP No. M-15

GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED THROUGH UPDATE NO. 6.
- REFERENCES MADE TO STANDARD DRAWINGS REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990), FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR WILL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 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 ENGINEER.
- WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED AS SHOWN PER CITY STANDARD DRAWING No. 2441, REVISION DATED 4/27/94, CASE No. II.
- CONTRACTOR SHALL PROVIDE SUBGRADE PREPARATION UNDER ALL NEW PAVEMENT, CURBS & GUTTERS, VALLEY GUTTERS, AND CONCRETE FILLETS.
- ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.

(GENERAL NOTES CONTINUED ON SHEET 5.)

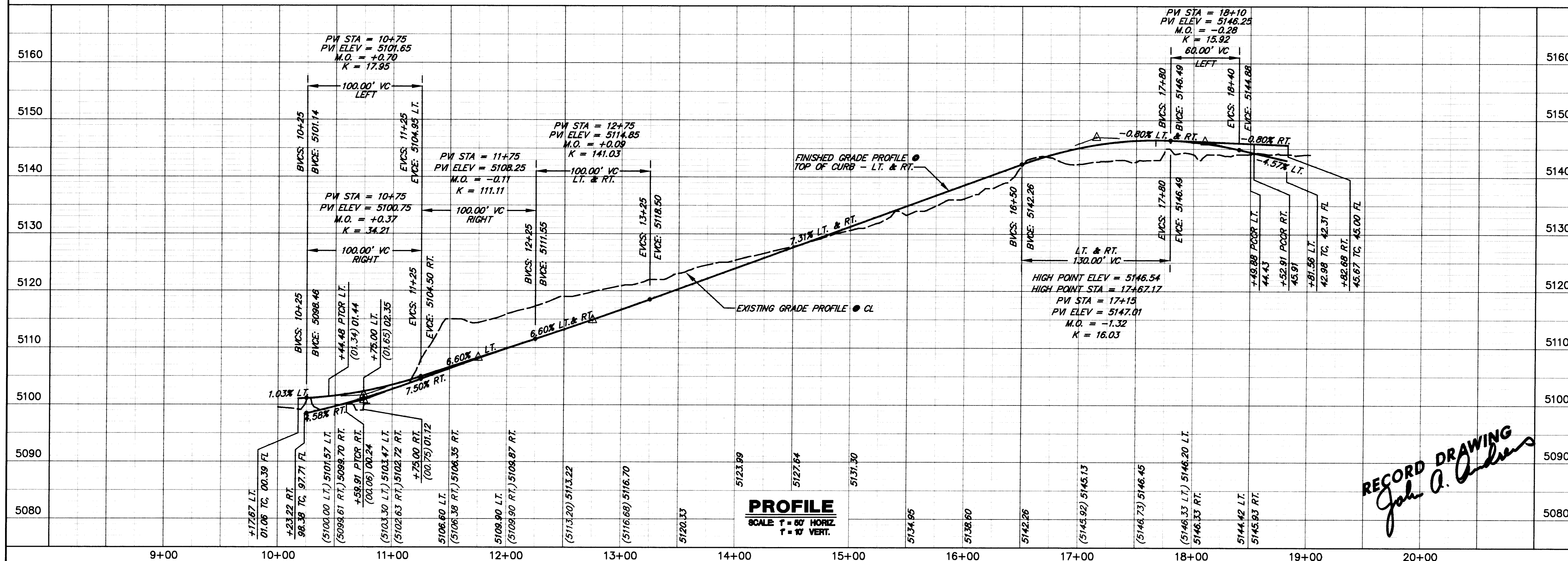
ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE 96-752 NEW MEXICO

149 JACKSON ST. NE.
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SCANNED BY
BY LASON

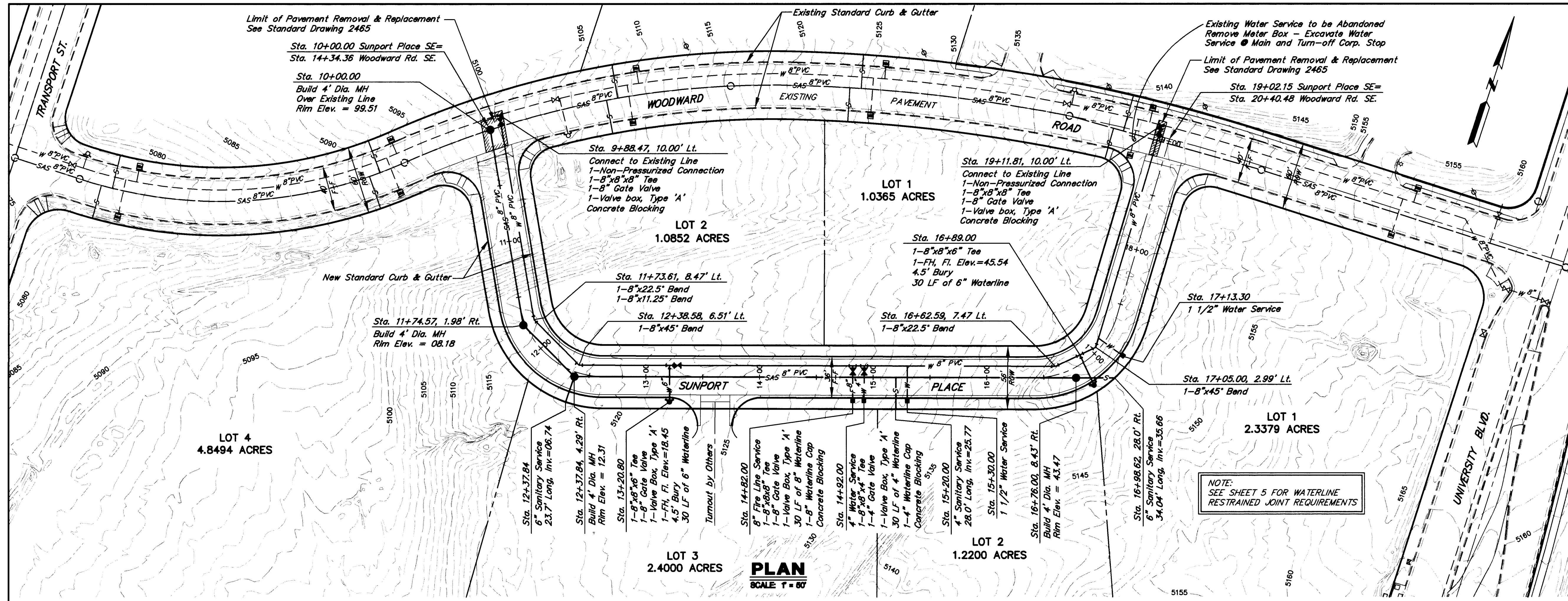
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2/6/97 5/6/97 8/1/97

REV.	SHEETS	CITY	ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE	
ENGINEER'S STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE		*****			
		DRC Chairman		<i>John A. Anderson</i>		3-26-97		APPROVED FOR CONSTRUCTION <i>Robert R. [Signature]</i> City Engineer Date			
		Transportation		<i>John A. Anderson</i>		3-25-97					
		Water/Wastewater		<i>R.W. Kane</i>		3-26-97					
		Hydrology		<i>John A. Anderson</i>		3-25-97					
		Parks									
Constr. Mngmt.											
City Project No.		565181								Sheet 1 of 5	

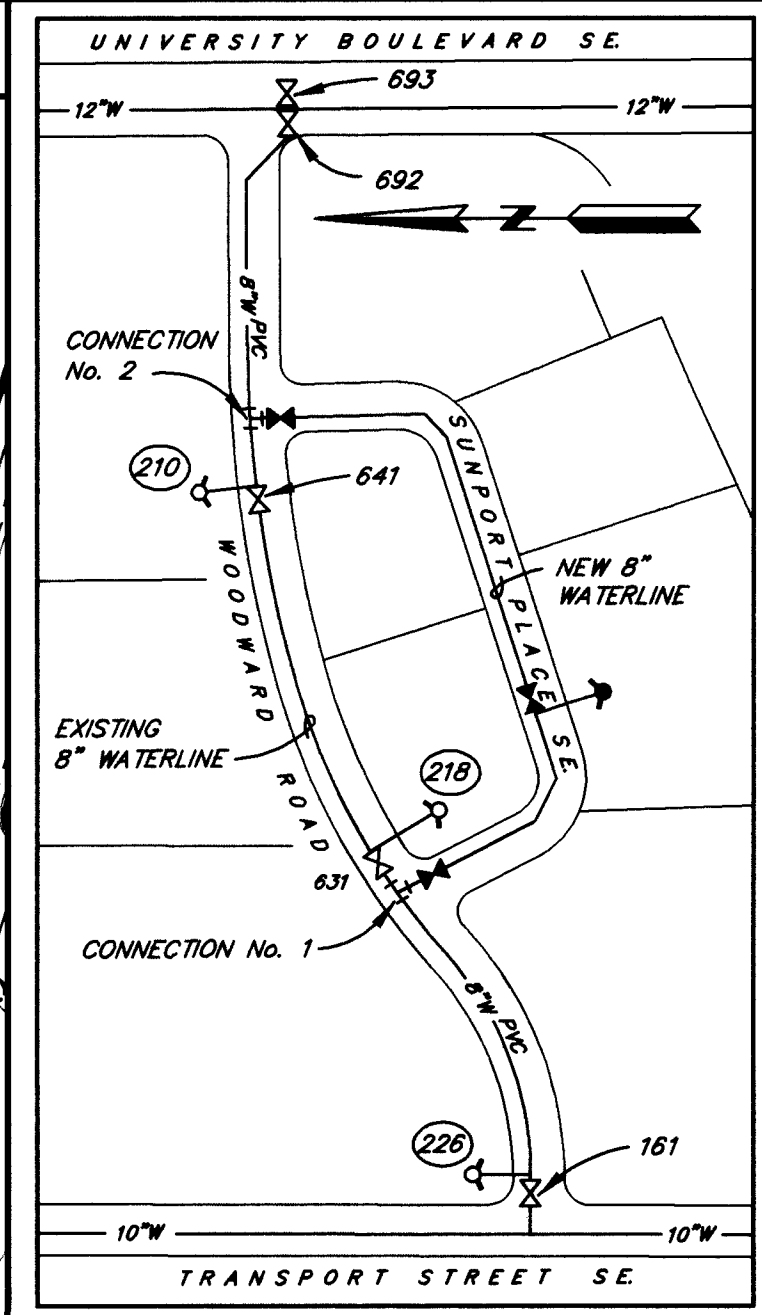
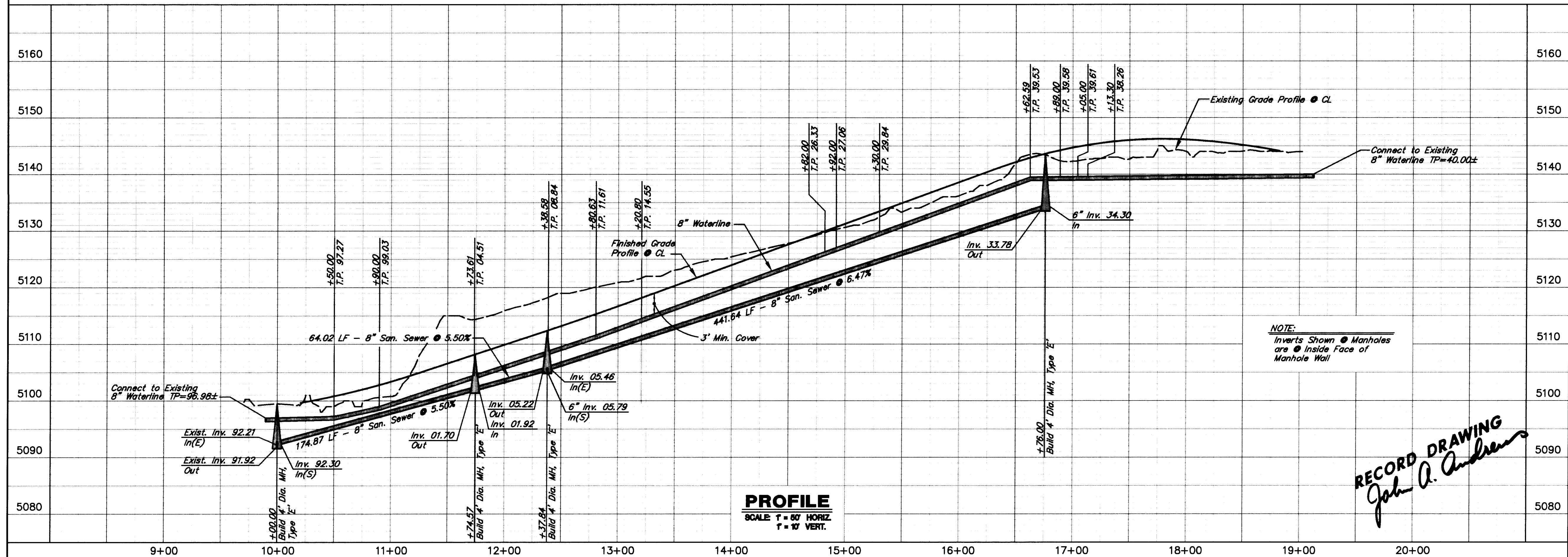
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City Project No.		Zone Map No.	Sheet	Of
565181		M-15	3	5

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



SUNPORT PLACE SE.



- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AN COORDINATION OF WATER SHUT-OFF, AT LEAST FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT THE CITY WATER SYSTEMS DIVISION, 857-8200, TO INITIATE IMPLEMENTATION OF THE NON-PRESSURIZED PLAN. IN ORDER TO COMPLETE THIS CONNECTION, THE FOLLOWING VALVES MUST BE CLOSED BY WATER SYSTEMS PERSONNEL:
 - VALVE NO. 631 AND VALVE NO. 161 WILL BE SHUT-OFF FOR THE CONNECTION TO THE 8" WATERLINE AT CONNECTION NO. 1.
 - VALVE NO. 692 AND VALVE NO. 641 WILL BE SHUT-OFF FOR THE CONNECTION TO THE 8" WATERLINE AT CONNECTION NO. 2.
- WATER SHUT-OFF PLAN**
NOT TO SCALE

- LEGEND**
- 5151 EXISTING 1' CONTOUR
 - 5155 EXISTING 5' CONTOUR
 - PROPERTY LINE
 - LOT LINE
 - EXIST. STANDARD CURB & GUTTER
 - NEW STANDARD CURB & GUTTER
 - W 8" PVC EXISTING WATERLINE
 - W 8" PVC NEW WATERLINE
 - SAS 8" PVC EXISTING SANITARY SEWER
 - SAS 8" PVC NEW SANITARY SEWER
 - EXISTING FIRE HYDRANT
 - NEW FIRE HYDRANT
 - EXISTING WATER VALVE
 - NEW WATER VALVE
 - WATER METER
 - EXISTING MANHOLE
 - NEW MANHOLE

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNPORT PARK BLOCKS 4-A AND 4-B INFRASTRUCTURE IMPROVEMENTS
SUNPORT PLACE SE. WATER & SANITARY SEWER PLAN & PROFILE

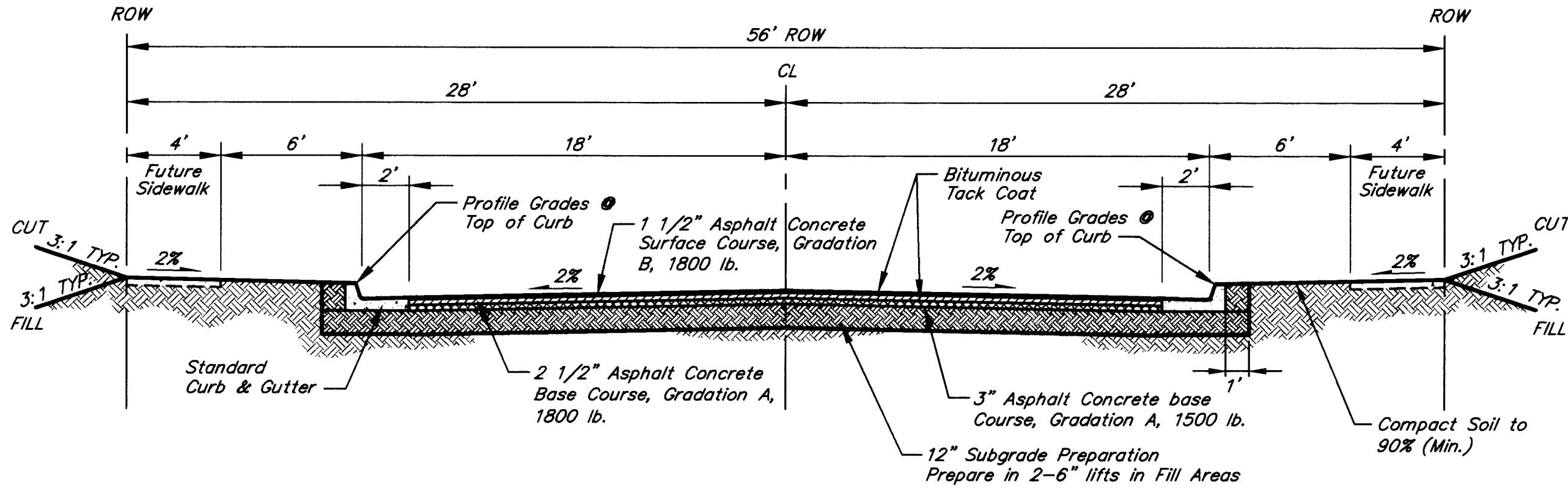
City Engineer Approval: [Signature]
City Project No. 565181
Zone Map No. M-15
Sheet 4 of 5

DESIGNED BY: MICHAEL J. RIORIAN
DRAWN BY: MICHAEL J. RIORIAN
CHECKED BY: JOHN A. ANDREWS

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL	
CONTRACTOR	DATE	STATION	MARK	NO.	DATE	BY	NO.	DATE	REMARKS
CONTRACTOR: New Concepts, Inc.	4/9/97	1-25-31"	STANDARD NMHC BRASS TABLET SET IN CONCRETE	1			4		
INSPECTOR: A.A.E.R. 4/9/97	4/9/97		POST LOCATED AT THE NORTHEAST CORNER OF THE	2			3		
ACCEPTANCE BY: A.A.E.R. 4/9/97	4/9/97		HIGHWAY 1-25 BRIDGE CROSSING OVER AN ABANDONED	3			2		
VERIFICATION BY: A.A.E.R. 4/9/97	4/9/97		RAILROAD SPUR LINE APPROXIMATELY 1.15 MILES	4			1		
COMPLETED BY: A.A.E.R.	4/9/97		NORTH OF RIO BRAVO BOULEVARD	5					
RECORDED BY:			ELEVATION 5062.528	6					
RECORDED BY:				7					

SCANNED BY LASON

26-56511.011 0497



SUNPORT PLACE
TYPICAL STREET SECTION

SCALE: 1"=5'

RESTRAINED JOINT LENGTHS, Lr. FOR TEES, (FT.) ALL JOINTS AT THE TEE MUST BE RESTRAINED.				
SIZE	MINIMUM RUN LENGTH		MINIMUM RUN LENGTH	
	RUN	BRANCH	RUN	BRANCH
12x12x12	15	17	18	3
12x12x10	10	18	13	1
12x12x8	6	19	8	5
12x12x6	3	19	5	1
12x12x4	1	19	2	6
10x10x10	12	18	15	5
10x10x8	8	15	10	4
10x10x6	4	16	6	1
10x10x4	2	4	3	1
8x8x8	9	20	13	3
8x8x6	5	17	7	5
8x8x4	2	15	3	7
6x6x6	6	20	10	2
6x6x4	2	20	4	7

Note:
This table is based upon the following criteria:
Depth of Bury 3.0 ft. minimum
Factor of Safety 1.25
Material PVC Pipe
Soil Type GM/SM-Silty gravels & silty sands,
gravel-sand-silt mixtures.
Test Pressure 150 psi
Trench Type 4 Pipe bedded in sand, gravel, or crushed stone
to depth of 1/8 pipe diameter, 4 inch minimum;
backfill compacted to top of pipe

WATERLINE
RESTRAINED JOINT TABLES

SCALE: 1"=5'

RESTRAINED JOINT LENGTHS, Lr. FOR HORIZONTAL BENDS, VALVES, AND DEAD ENDS, (FT.)					
SIZE	HORIZONTAL BENDS				VALVES & DEAD ENDS
	90°	45°	22-1/2°	11-1/4°	
12	30	12	6	3	86
10	26	11	5	3	72
8	22	9	4	2	60
6	17	7	3	2	46
4	12	5	2	1	32

RESTRAINED JOINT LENGTHS, Lr. FOR REDUCERS, (FT.) MINIMUM, UNOBSTRUCTED, STRAIGHT-RUN LENGTH RESTRAIN EITHER LARGE PIPE, OR SMALL PIPE					
SIZE	LARGE SIDE	SMALL SIDE	SIZE	LARGE SIDE	SMALL SIDE
12x10	25	30	10x8	44	73
12x8	45	68	10x4	58	141
12x6	62	121	8x6	25	33
12x4	74	213	8x4	43	83
10x8	24	30	6x4	24	35

Different criteria, e.g. ductile iron pipe, greater depth of bury, etc.,
will require different restrained lengths. These must be calculated
by a qualified Professional Engineer and approved by the Public
Works Department.

GENERAL NOTES – CONTINUED

- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVEPADS, WHEEL CHAIR RAMPS, AND SIDEWALKS DURING CONSTRUCTION, EXCEPT FOR THESE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER CITY OF ALBUQUERQUE STANDARDS AT THEIR OWN EXPENSE.
- TRAFFIC CONTROL
THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.

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ENGINEERING GROUP
TITLE: SUNPORT PARK BLOCKS 4-A AND 4-B
INFRASTRUCTURE IMPROVEMENTS
SUNPORT PLACE SE. TYPICAL SECTIONS, NOTES, & TABLES

Design Review Committee
APPROVE
MAR 26 1997
DESIGN REVIEW COMMITTEE
City Engineer Approval
Mo./Day/Yr. Mo./Day/Yr.
Least Design Update
DESIGNED BY: MICHAEL J. RIORDAN DATE: FEB. 1997
DRAWN BY: MICHAEL J. RIORDAN DATE: FEB. 1997
CHECKED BY: JOHN A. ANDREWS DATE: FEB. 1997

City Project No. 565181 Zone Map No. M-15 Sheet 5 Of 5

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