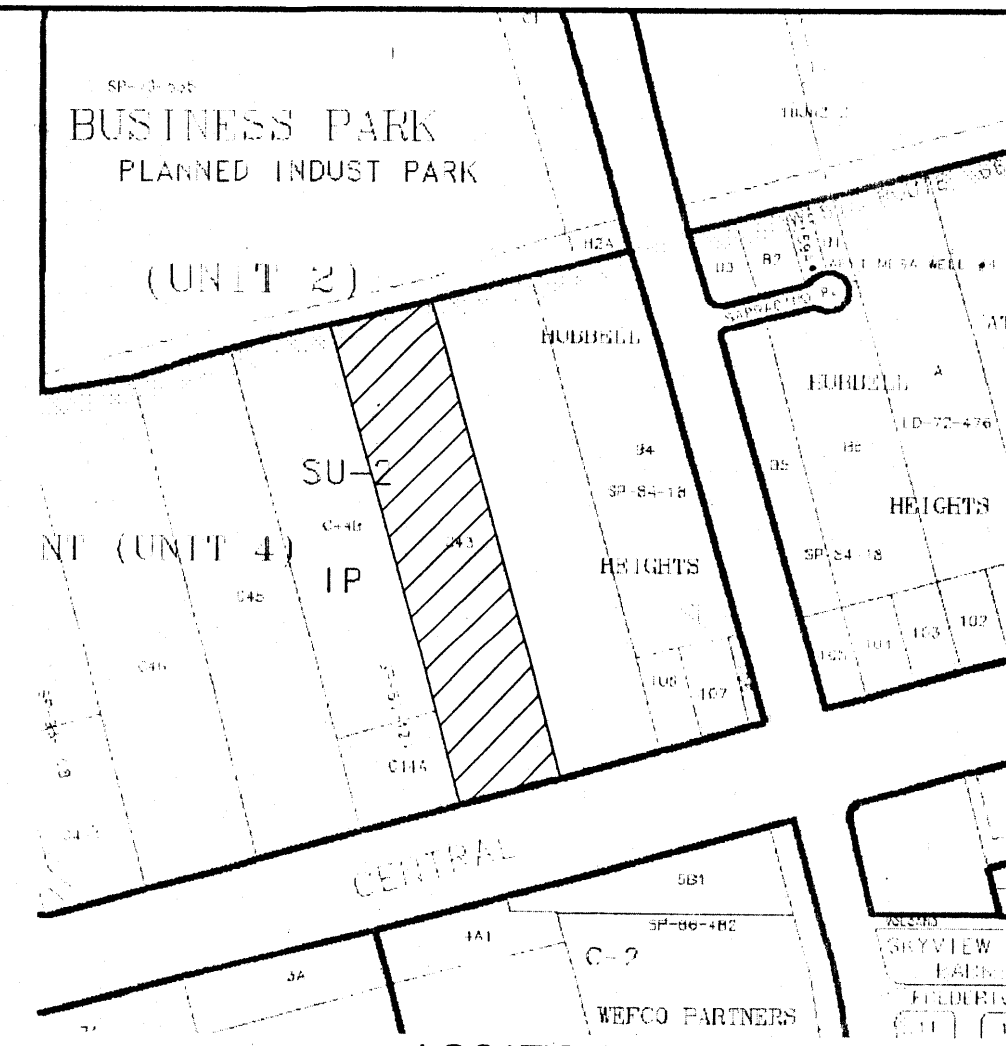


PROJECT # 1007720



LOCATION MAP  
ZONE ATLAS INDEX MAP K-10-Z  
NOT TO SCALE

**SHEET INDEX**

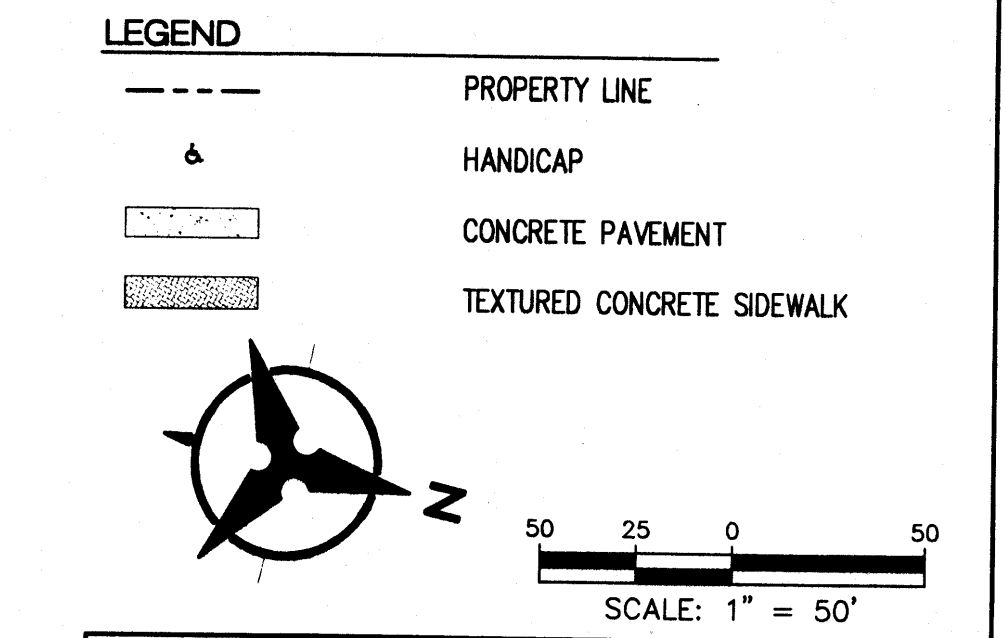
SHEET 1	SITE PLAN
SHEET 2	LANDSCAPING PLAN
SHEET 3	DRAINAGE MANAGEMENT PLAN
SHEET 4	BUS SHELTER ELEVATIONS
SHEET 5	CONCEPTUAL UTILITY PLAN

**SITE DATA**  
LEGAL DESCRIPTION: TR C-43 UNIT 4 OF TOWN OF ATRISCO GRANT.  
SIZE: 3.1 ACRES  
ZONING: IPSU-2

**PARKING CALCULATIONS**

STANDARD SPACES (8.5' X 20')	165
COMPACT SPACES (8.5' X 15')	8
HANDICAP SPACES	8
TOTAL	181
MOTORCYCLE PARKING REQUIRED	5 SPACES
MOTORCYCLE PARKING PROVIDED	6 SPACES
BICYCLE PARKING (1 PER 20 PARKING SPACES)	
BICYCLE PARKING REQUIRED	10 SPACES
BICYCLE PARKING PROVIDED	20 SPACES
(BICYCLE LOCKERS-8, BICYCLE RACKS-12)	

**SIGN LEGEND**  
SIGN A (BUSES ONLY)  
SIGN B (R5-1 DO NOT ENTER)  
SIGN C (R1-1 STOP)  
SIGN D (D4-2 PARK AND RIDE)



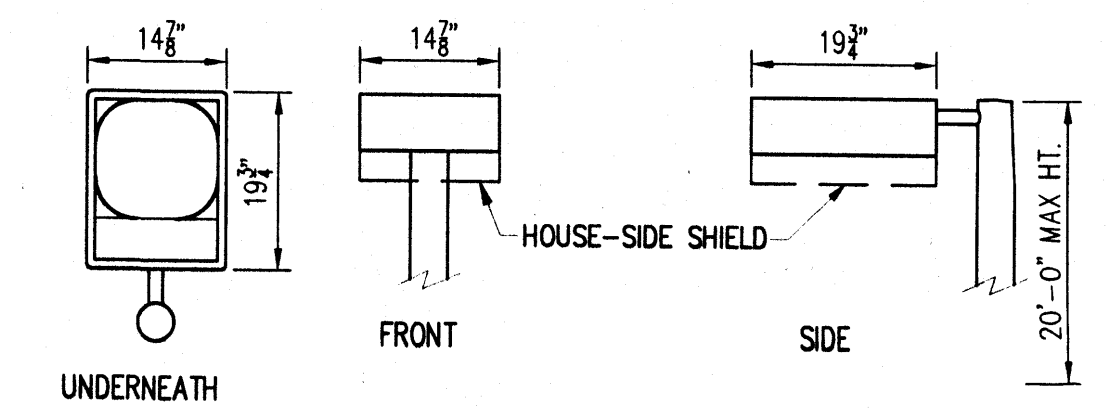
**Bohannon & Huston**  
Court yard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335  
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**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
SOUTHWEST MESA PARK & RIDE  
SITE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO. 7616.91		ZONE MAP NO. K-10	SHEET 1 OF 5

**LIGHTING**

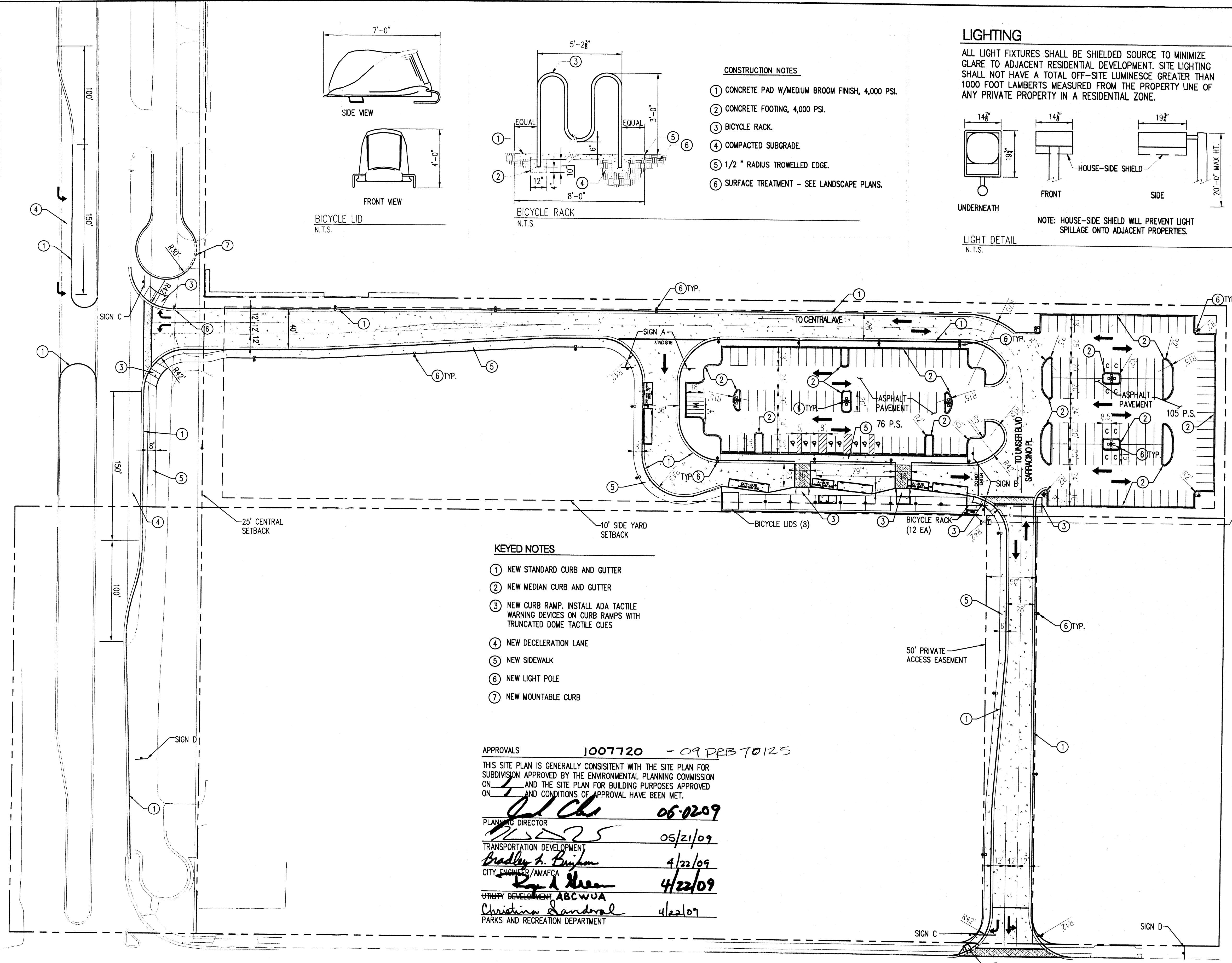
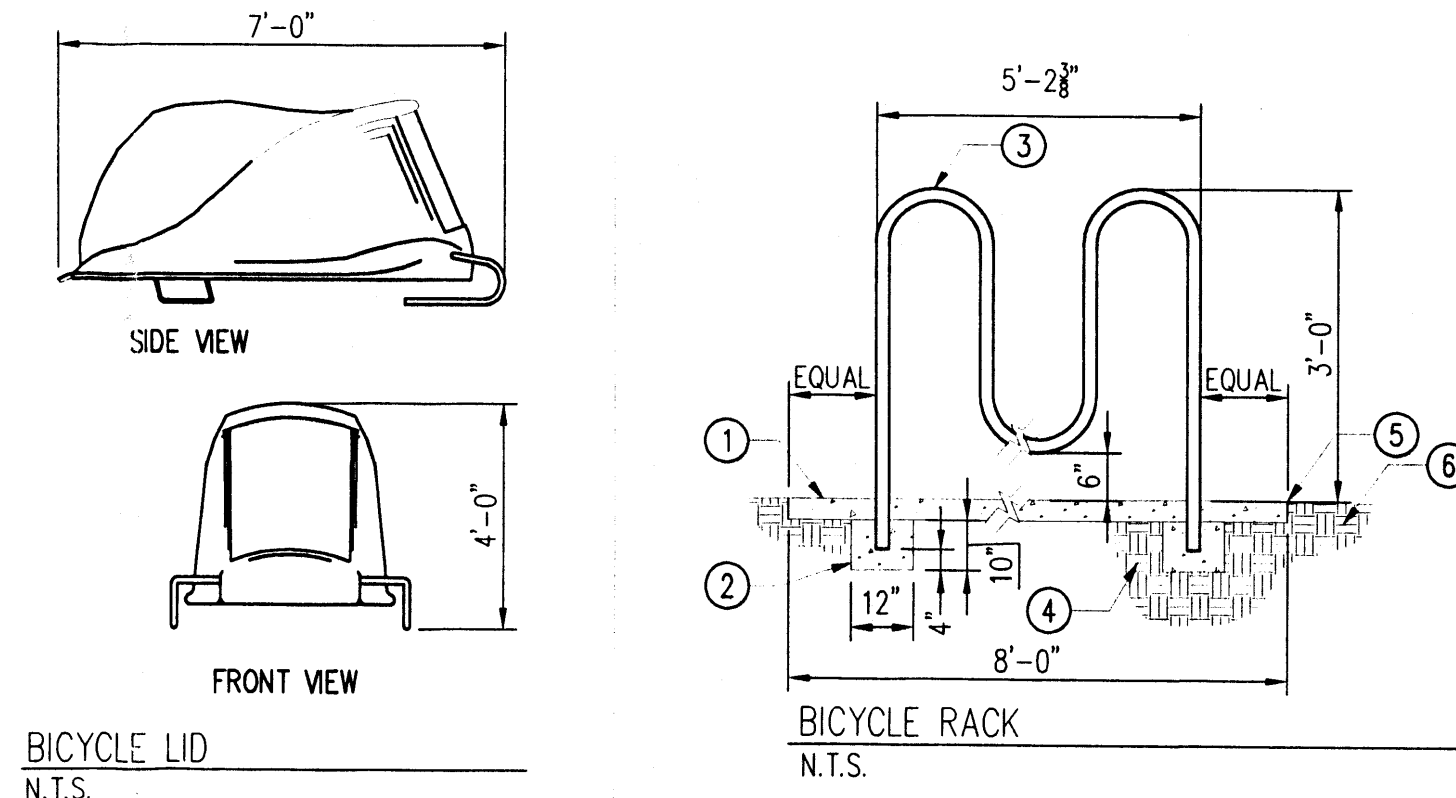
ALL LIGHT FIXTURES SHALL BE SHIELDED SOURCE TO MINIMIZE GLARE TO ADJACENT RESIDENTIAL DEVELOPMENT. SITE LIGHTING SHALL NOT HAVE A TOTAL OFF-SITE LUMINESCE GREATER THAN 1000 FOOT LAMBERTS MEASURED FROM THE PROPERTY LINE OF ANY PRIVATE PROPERTY IN A RESIDENTIAL ZONE.



NOTE: HOUSE-SIDE SHIELD WILL PREVENT LIGHT SPILLAGE ONTO ADJACENT PROPERTIES.  
LIGHT DETAIL  
N.T.S.

**CONSTRUCTION NOTES**

- 1 CONCRETE PAD W/MEDIUM BROOM FINISH, 4,000 PSI.
- 2 CONCRETE FOOTING, 4,000 PSI.
- 3 BICYCLE RACK.
- 4 COMPACTED SUBGRADE.
- 5 1/2" RADIUS TROWELLED EDGE.
- 6 SURFACE TREATMENT - SEE LANDSCAPE PLANS.



**KEYED NOTES**

- 1 NEW STANDARD CURB AND GUTTER
- 2 NEW MEDIAN CURB AND GUTTER
- 3 NEW CURB RAMP. INSTALL ADA TACTILE WARNING DEVICES ON CURB RAMPS WITH TRUNCATED DOME TACTILE CUES
- 4 NEW DECELERATION LANE
- 5 NEW SIDEWALK
- 6 NEW LIGHT POLE
- 7 NEW MOUNTABLE CURB

APPROVALS 1007720 - 09 DEB 70125

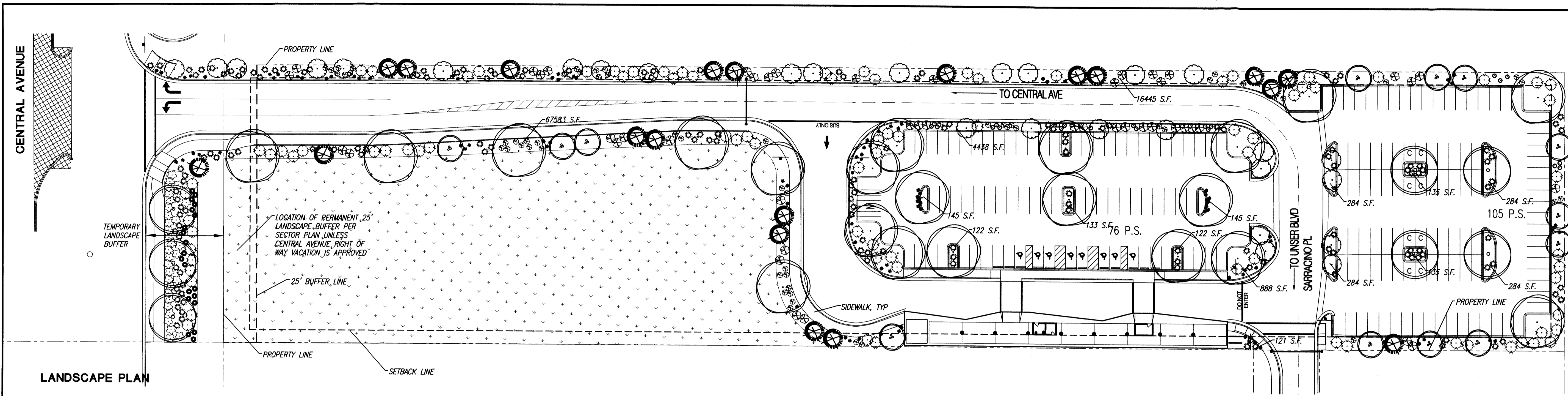
THIS SITE PLAN IS GENERALLY CONSISTENT WITH THE SITE PLAN FOR SUBDIVISION APPROVED BY THE ENVIRONMENTAL PLANNING COMMISSION ON 1/1/09 AND THE SITE PLAN FOR BUILDING PURPOSES APPROVED ON 1/1/09 AND CONDITIONS OF APPROVAL HAVE BEEN MET.

*Paul Cho* 06/02/09  
PLANNING DIRECTOR

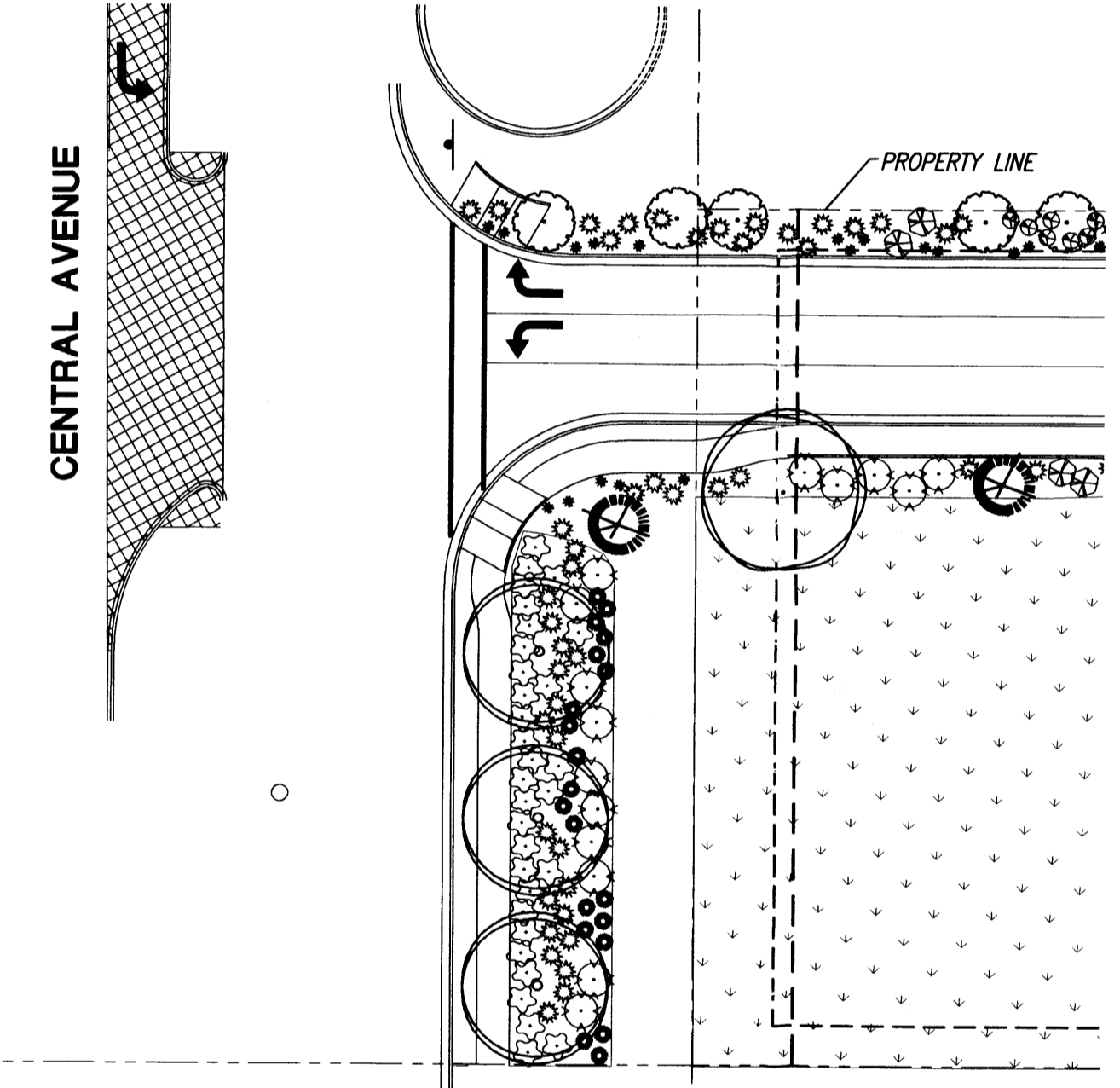
*Bradley S. Brigham* 05/21/09  
TRANSPORTATION DEVELOPMENT

*Ray A. Hearn* 4/22/09  
CITY ENGINEER / AMAFCA

*Christine Sandoval* 4/22/09  
UTILITY DEVELOPMENT ABC/WA  
PARKS AND RECREATION DEPARTMENT



LANDSCAPE PLAN



STREET TREE PLAN

**PLANT LEGEND**

BOTANICAL	COMMON	SIZE	QTY	MATURE HEIGHT X SPREAD
Fraxinus velutina	ARIZONA ASH	2 1/2" cal.	21	45' X 45'
Fraxinus oxycarpa 'Raywood'	RAYWOOD ASH	2" cal.	7	35' X 35'
Quercus alba 'Crimschmidt'	CRIMSON SPIRE OAK	2" cal.	29	45' X 15'
Chilopsis linearis 'Art's Seedless'	DESERT WILLOW	8' - 10' Ht. multi-trunk	13	25' X 25'
Juniperus monosperma	ONE-SEED JUNIPER (FEMALE ONLY)	B&B	19	15' X 15'
Juniperus virginiana 'Skyrocket'	SKYROCKET JUNIPER (FEMALE ONLY)	B&B	4	20' X 3'
Artemisia tridentata	BIG SAGE		77	4' x 4'
Rhus trilobata	THREE-LEAF SUMAC	5 gal.	46	6' x 6'
Fallugia paradoxa	APACHE PLUME	5 gal.	X	4' x 4'
Rhus trilobata 'Autumn amber'	CREEPING THREE LEAF SUMAC	3 gal.	X	1.5' x 6-8'
Artemisia filifolia	SAND SAGE	5 gal.	55	4' x 4'
Nolina texana	BEARGRASS	3 gal.	137	3' x 4'
Baileya multiradiata	DESERT MARGOLD	1 gal.	95	1' x 2'

**SEEDING MIX**

CALL FIRST SIDE BIRD MIX PER SECTION ONE  
DOUBLE TOTAL SEEDING RATE AND WITH ADDITIONS AS NOTED BELOW

Seeded Area	Seeding Rate	lbs./sq. ft.
Asphalt	1.0	1.0
Concrete	0.5	0.5
Gravel	1.0	1.0
Other	1.0	1.0

**LANDSCAPING NOTES**

ALL PLANTING BEDS SHALL BE MULCHED WITH A 3" LAYER OF SANTA FE BROWN (OR EQUAL) CRUSHER FINES.

RESPONSIBILITY FOR LANDSCAPE MAINTENANCE ON THE SITE SHALL LIE WITH THE CITY OF ALBUQUERQUE. LANDSCAPE PLAN WILL MEET THE REQUIREMENTS OF THE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE C ORD 18-1995.

AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM IS TO BE DESIGNED AND CONSTRUCTED FOR ALL INSTALLED PLANT MATERIALS. TREES, SHRUBS AND GROUNDCOVERS WILL BE IRRIGATED WITH A LOW FLOW BUBBLER SYSTEM.

ALL LANDSCAPING IS INTENDED AS GENERAL LANDSCAPING, NO LANDSCAPE FOR SCREENING OR BUFFERING IS PROPOSED. ALL LANDSCAPE PLANTS SHALL BE NEW.

**AREA CALCULATIONS**

TOTAL SITE = 163,900 S.F.

LANDSCAPE AREA REQUIRED = 24,585 S.F.

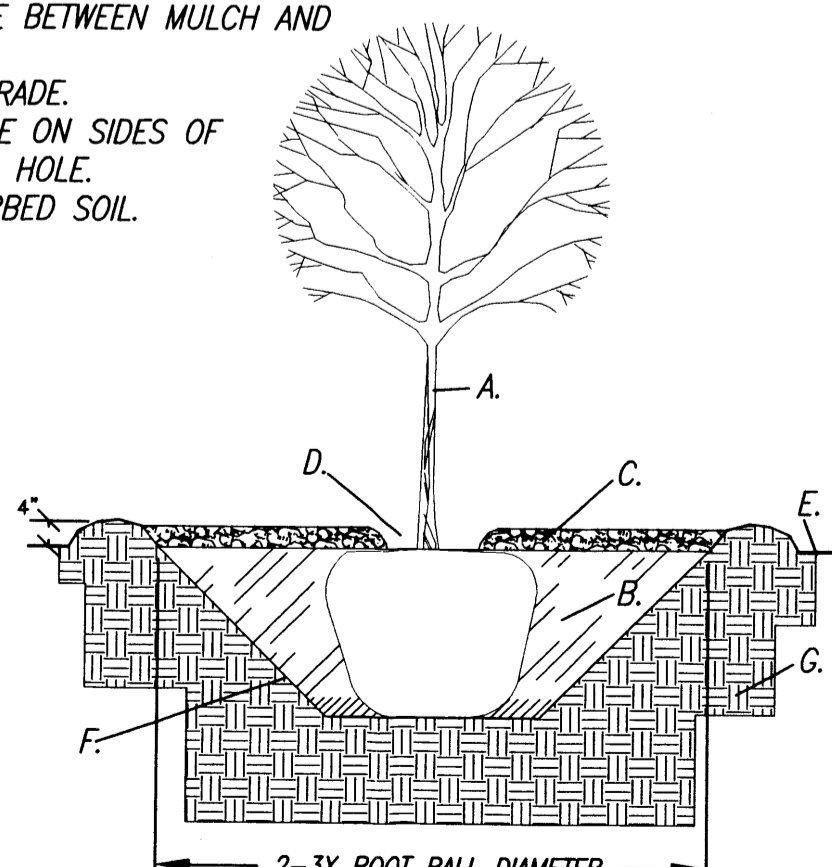
LANDSCAPE AREA REQUIRED AS PERCENT OF NET LOT AREA = 15%

LANDSCAPE AREA PROVIDED = 31,256 S.F.

LANDSCAPE AREA PROVIDED AS PERCENT OF NET LOT AREA = 19%

**CONSTRUCTION NOTES:**

- TREE.
- BACKFILL WITH EXISTING SOIL AND 10% ORGANIC AMENDMENTS. SEE SPECIFICATIONS.
- 3" DEPTH OF MULCH.
- 4" SPACE BETWEEN MULCH AND TREE.
- FINISH GRADE.
- 1:1 SLOPE ON SIDES OF PLANTING HOLE.
- UNDISTURBED SOIL.



A TREE PLANTING

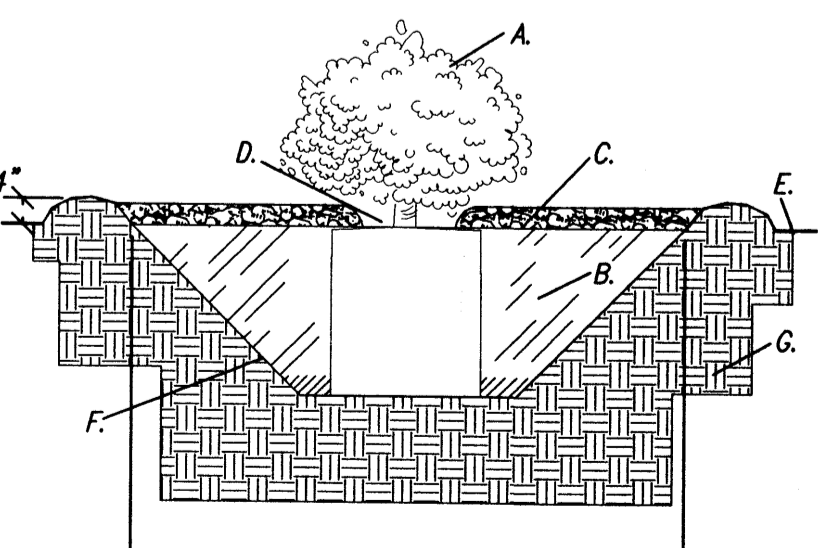
**GENERAL NOTES:**

- KEEP SOIL BELOW ROOT BALL UNDISTURBED TO PREVENT TREE FROM SETTLING.
- REMOVE ANY EXCESS SOIL FROM TOP OF ROOTBALL TO EXPOSE ROOT FLARE (WHERE TOP MOST ROOT EMERGES FROM THE TRUNK). PLANT WITH ROOT FLARE LEVEL TO FINISH GRADE (OR 1"-2" HIGHER IN SLOWLY DRAINING SOIL).
- TAMP SOIL FIRMLY AROUND BASE OF ROOTBALL WITH FOOT PRESSURE.
- PRIOR TO BACKFILLING, REMOVE BURLAP, ROPE, TWINE, AND WIRE FROM TOP HALF OF ROOTBALL AND FROM PLANTING HOLE.
- AT TIME OF PLANTING, ONLY PRUNE CO-DOMINANT LEADERS (DOES NOT APPLY TO MULTI-TRUNK SPECIMENS), CROSSOVER LIMBS, AND DEAD OR BROKEN BRANCHES.
- STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.
- DO NOT PLACE MULCH IN CONTACT WITH TREE, KEEP AT LEAST 4" AWAY FROM TRUNK.
- AFTER PLANTING, THOROUGHLY WATER TO ELIMINATE AIR POCKETS.

NOT TO SCALE

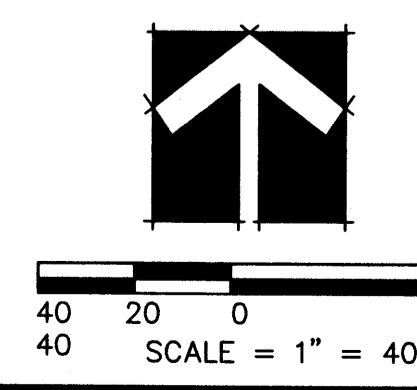
**CONSTRUCTION NOTES:**

- SHRUB.
- BACKFILL WITH EXISTING SOIL AND 10% ORGANIC AMENDMENTS. SEE SPECIFICATIONS.
- 3" DEPTH OF MULCH.
- 4" SPACE BETWEEN MULCH AND SHRUB.
- FINISH GRADE.
- 1:1 SLOPE ON SIDES OF PLANTING HOLE.
- UNDISTURBED SOIL.



B SHRUB PLANTING

NOT TO SCALE



**SOUTHWEST MESA PARK & RIDE**

DATE: X COMMENT

REVISIONS

DRAWN BY: LB

REVIEWED BY: PA

SCALE: 1:40

DATE: Jun 02, 2009

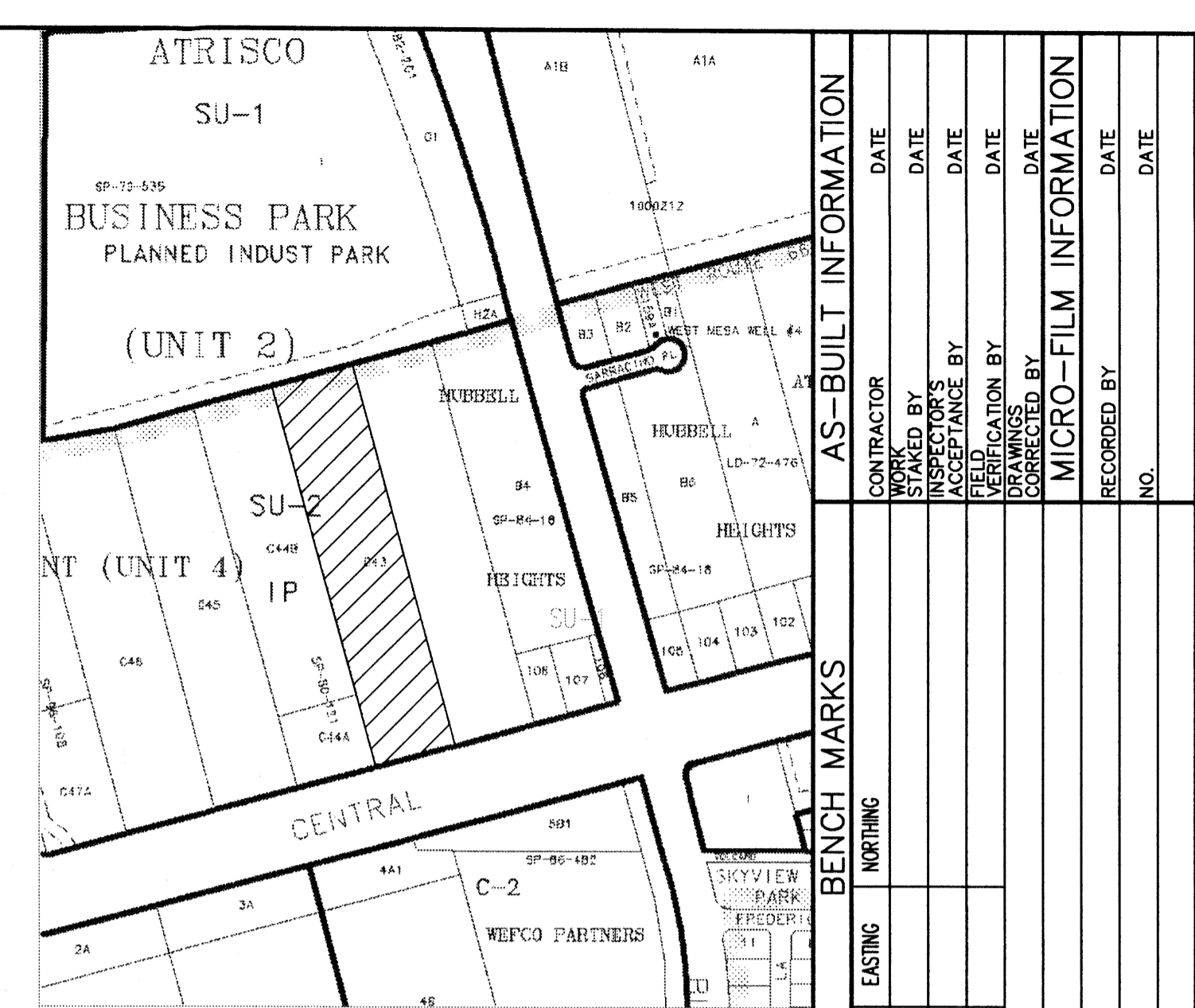
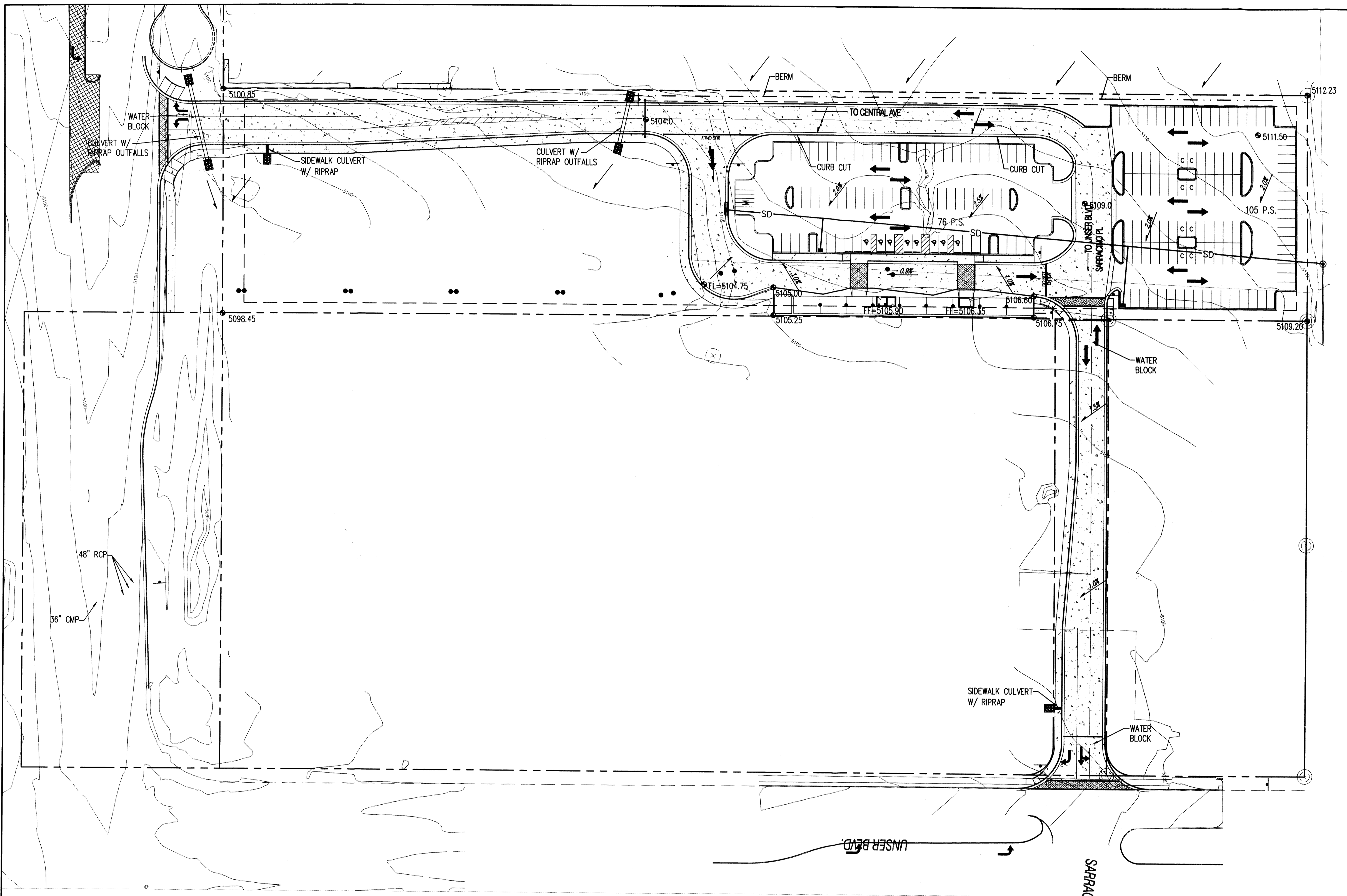
PROJECT NO: 09063

CALL BEFORE YOU DIG FOR UTILITY LOCATES 1-800-321-ALERT

151 TURNER DRIVE SUITE 2100 ALBUQUERQUE, NM 87102-3000 TEL: 505-263-1100 FAX: 505-263-1101 WWW.PLANNINGLANDSCAPEARCHITECTURE.COM

PLANNING LANDSCAPE ARCHITECTURE MARKET ANALYSIS

DRAWING	SHEET
L1	2 of 5



**LEGEND**

- 5104.0 PROPOSED SPOT ELEVATION
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- 5110 EXISTING CONTOUR W/ INDEX ELEVATION
- FLOW ARROW
- SD PROPOSED STORM DRAIN
- ⊙ PROPOSED STORM DRAIN MANHOLE
- ⊙ PROPOSED STORM DRAIN INLET

**AS-BUILT INFORMATION**

CONTRACTOR	DATE
STAKED BY	DATE
ACCEPTANCE BY	DATE
FIELD NOTES BY	DATE
REVISIONS BY	DATE
CORRECTED BY	DATE

**FIELD NOTES**

NO.	BY	DATE

**ENGINEER'S SEAL**


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**CITY OF ALBUQUERQUE**  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 SOUTHWEST MESA PARK & RIDE DRAINAGE MANAGEMENT PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. **7616.91** ZONE MAP NO. **K - 10** DRAWING SHEET **3 5**

**TABLE 1**  
**SOUTHWEST MESA PARK & RIDE - HYDRAULIC CALCULATIONS**  
**Existing and Ultimate Development Conditions Basin Data Table**

This table is based on the DPM Section 22.2, Zone 1

SUB-BASIN ID	Area (SQ. FT)	Area (AC.)	Land Treatment Percentages				Q(100) (cfs/ac.)	Q(100) (cfs)	WT E <sub>100YR</sub> (Inches)	V(100) <sub>500</sub> (CF)	V(100) <sub>100yr</sub> (CF)
			A	B	C	D					
EXISTING	216639	4.97	100.0%	0.0%	0.0%	0.0%	1.29	6.42	0.44	7943	7943
PROPOSED-A	130680	3.00	0.0%	0.0%	18.0%	82.0%	4.10	12.30	1.79	19532	33820
PROPOSED-B	85813	1.97	0.0%	70.0%	5.0%	25.0%	2.66	5.23	1.01	7230	10090
							<b>11.12</b>			<b>18876.03</b>	<b>35908.74</b>

**DRAINAGE MANAGEMENT PLAN**

I. INTRODUCTION  
 THE PURPOSE OF THIS SUBMITTAL IS TO PRESENT A DRAINAGE PLAN FOR THE PROPOSED SOUTHWEST MESA PARK & RIDE. THIS SITE IS LOCATED ON THE NORTHWEST CORNER OF CENTRAL AVENUE AND UNSER BOULEVARD. THERE IS VACANT LAND TO THE WEST AND WEST, ON THE NORTHSIDE IS A UTILITY EASEMENT AND UTILITY ACCESS ROAD AND TO THE SOUTH IS CENTRAL AVENUE. THIS PROJECT WILL INCLUDE A NEW PARK & RIDE FACILITY WITH SHADE STRUCTURE SIMILAR TO THE UPTOWN TRANSIT CENTER AND A NEW PARKING LOT. WITH THIS SUBMITTAL WE ARE SEEKING HYDROLOGY APPROVAL FOR SITE DEVELOPMENT FOR BUILDING PERMIT APPROVAL.

II. EXISTING HYDROLOGIC CONDITIONS  
 THE SITE IS APPROXIMATELY 4.97 ACRES AND IS CURRENTLY UNDEVELOPED. THE LAND SLOPES 1.0% TO 2.5% FROM THE NORTHWEST CORNER TO THE SOUTHEAST CORNER. THIS PARCEL AND THE SURROUNDING PARCELS SHEET FLOW THE NORTHEAST INTERSECTION OF CENTRAL AVENUE AND UNSER BOULEVARD WHERE FLOW IS THEN DIRECTED INTO 3-48" RCPS AND 1-36" CMP.

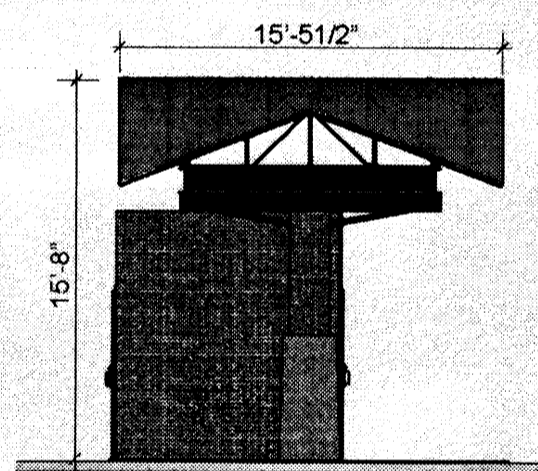
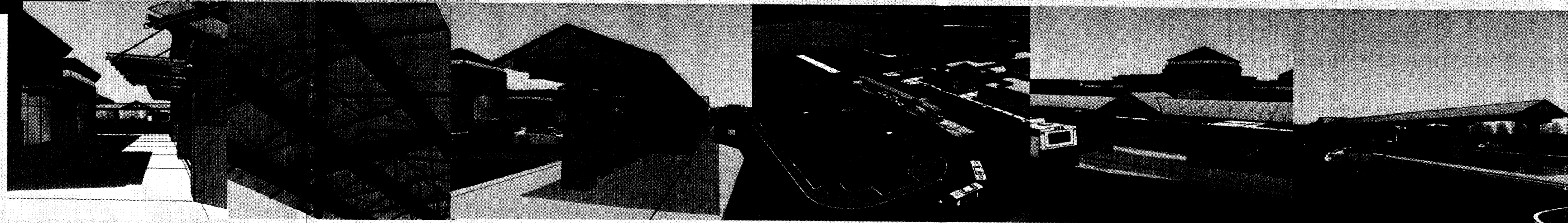
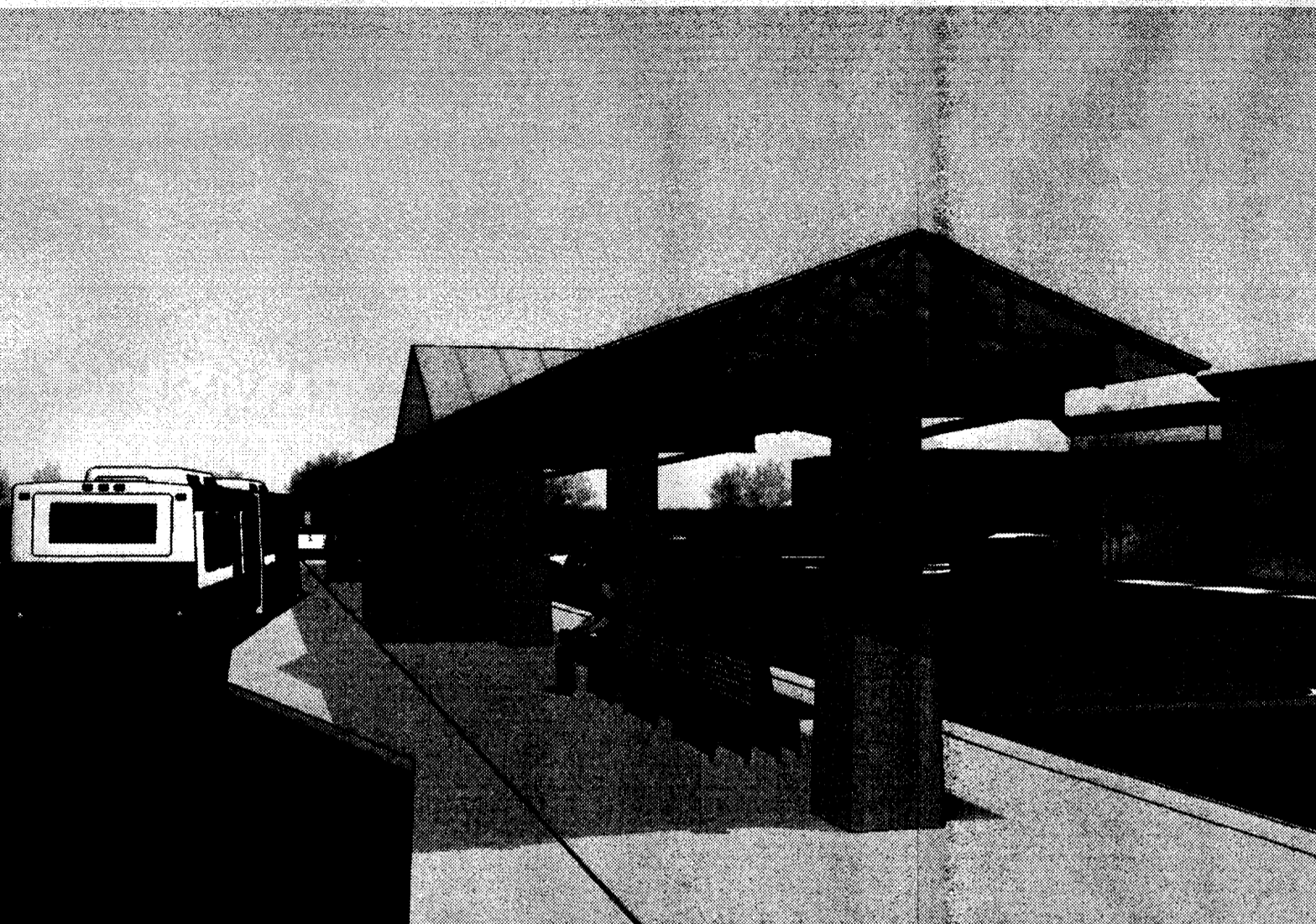
III. PROPOSED HYDROLOGIC CONDITIONS  
 THE PROPOSED SITE WILL CONSIST OF APPROXIMATELY 3.0 ACRES OF DEVELOPMENT AND THE REMAINING 2.97 ACRES BASIN B WILL BE NATIVELY RESEEDED AND WILL FOLLOW HISTORIC FLOW PATHS. THE DEVELOPED AREA WILL CONSIST OF IMPERVIOUS PAVING, SHADE STRUCTURE AND LANDSCAPING. WATER HARVESTING IN THE LANDSCAPING AREAS WILL BE UTILIZED AND WILL HELP TO CHANNEL FLOWS. ON THE PROPOSED DEVELOPMENT BASIN A SHEET FLOW AND STORM DRAIN TO CHANNEL STORM WATER TO THE

EXISTING 48" STORMDRAIN ON THE NORTH BOUNDARY. NO PONDING WILL BE NECESSARY DURING THIS PHASE OF DEVELOPMENT BASIN A WILL TAKE THE ENTIRE FLOW TO EXISTING STORMDRAIN AND BASIN B WILL BE ALLOWED TO SHEET FLOW TO THE EXISTING CULVERT CROSSING CENTRAL. THE TOTAL FLOW FROM BASIN A WILL BE 12.3CFS AND BASIN B 5.23CFS.

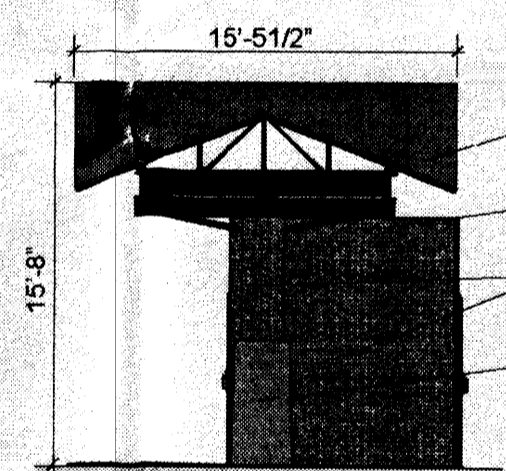
OFFSITE DRAINAGE  
 CURRENT DRAINAGE FROM THE PROPERTY TO THE WEST WILL BE DIVERTED ALONG THE WESTERN PROPERTY LINE TO THE PROPOSED CULVERT TO CROSS THE PROPOSED ACCESS TO CENTRAL AVENUE FLOW WILL THEN FOLLOW HISTORIC SHEET FLOWS TO THE EXISTING CULVERTS AT THE INTERSECTION OF UNSER AND CENTRAL.

FLOODPLAIN  
 IN ACCORDANCE WITH FEMA COMMUNITY MAP PANEL #35001C0328 G, THE SITE IS NOT LOCATED WITHIN A FLOODPLAIN.

IV. CONCLUSION  
 THE 100YR PEAK DISCHARGE FROM THE SITE WILL BE SEPERATED INTO TWO DIRECTIONS BASIN A WILL DISCHARGE 12.3CFS TO THE 48" STORMDRAIN TO THE NORTH, AND BASIN B WILL DIRECT 5.23CFS TO THE CULVERTS IN CENTRAL AVENUE THIS DRAINAGE MANAGEMENT PLAN IS CAPABLE OF SAFELY PASSING THE 100 YEAR STORM EVEN AND MEETS CITY REQUIREMENTS. WITH THIS SUBMITTAL WE ARE SEEKING SITE DEVELOPMENT FOR BUILDING PERMIT APPROVAL.

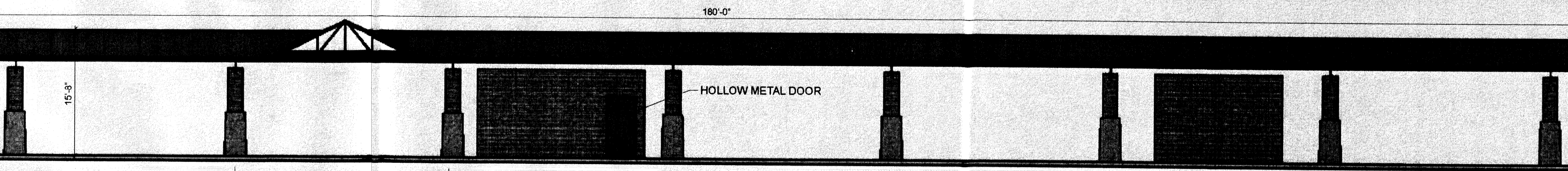


SOUTH ELEVATION  
1"=1/8"

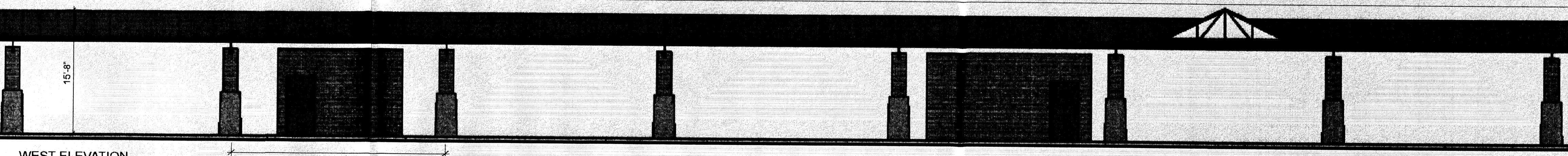


NORTH ELEVATION  
1"=1/8"

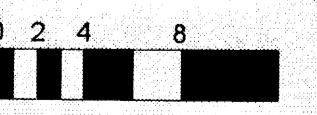
- STANDING SEAM METAL ROOF
- RED GALVANIZED STEEL STRUCTURE
- BRICK VENEER
- GREY CONCRETE BASE



EAST ELEVATION  
1"=1/8"



WEST ELEVATION  
1"=1/8"



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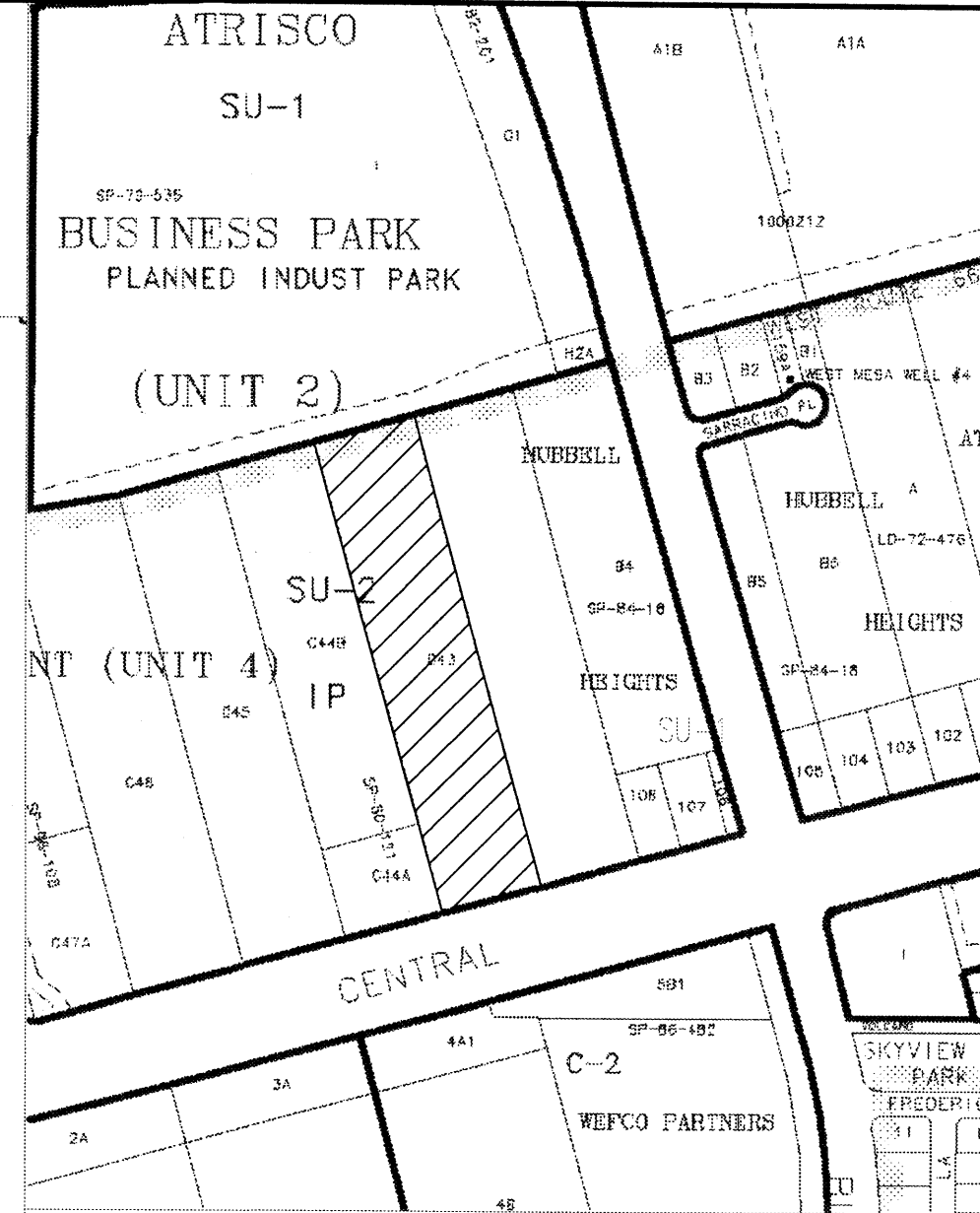
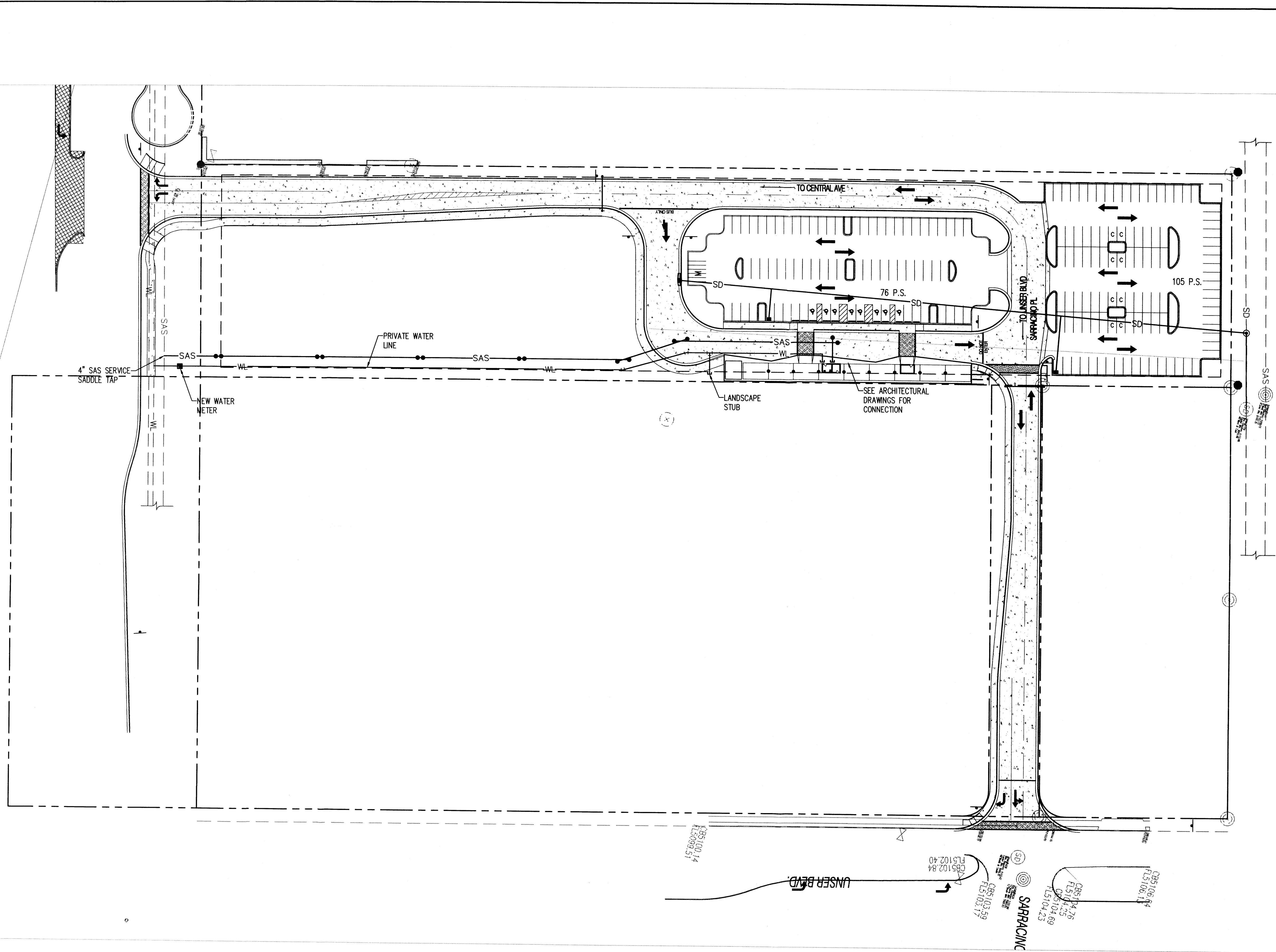
**CITY OF ALBUQUERQUE**  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT

**SOUTH-WEST MESA PARK & RIDE  
 BUS SHELTER ELEVATIONS**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

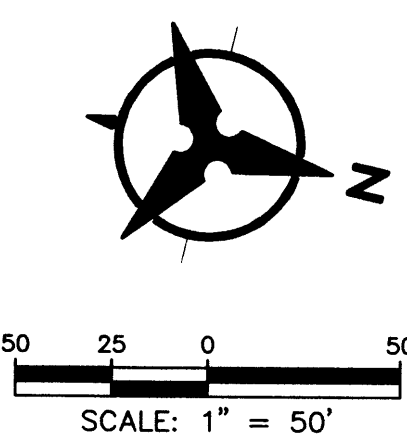
CITY PROJECT NO. **7616.91** ZONE MAP NO. **K - 10** SHEET **4** OF **5**

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	FIELD NOTES	EASTING	NORTHING	CONTRACTOR	DATE
	BY			WORKED BY	DATE
				INSPECTOR'S ACCEPTANCE BY	DATE
				REVISION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	DATE
				NO.	DATE



LOCATION MAP  
ZONE ATLAS INDEX MAP K-10-Z  
NOT TO SCALE

- LEGEND**
- SD— PROPOSED STORM DRAIN
  - PROPOSED STORM DRAIN MANHOLE
  - PROPOSED STORM DRAIN INLET
  - SAS— PROPOSED SANITARY SEWER
  - PROPOSED SANITARY SEWER CLEANOUT
  - WL— PROPOSED WATERLINE
  - PROPOSED WATERLINE METER
  - ⊙ EXISTING SANITARY SEWER MANHOLE
  - -SAS- - EXISTING SANITARY SEWER
  - -WL- - EXISTING WATERLINE
  - ⊙ EXISTING STORM DRAIN MANHOLE
  - -SD- - EXISTING STORM DRAIN LINE



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**CITY OF ALBUQUERQUE**  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 SOUTHWEST MESA PARK & RIDE  
 CONCEPTUAL UTILITY PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO./DAY/YR.	NO./DAY/YR.
CITY PROJECT NO.		ZONE MAP NO.	DRAWING SHEET
7616.91		K - 10	5 5

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORKED BY	DATE
INSPECTOR'S	DATE
FIELD PAGE BY	DATE
VERIFICATION BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	DATE

SURVEY INFORMATION	
FIELD NO.	DATE
BY	

ENGINEER'S SEAL	

REMARKS	BY
REVISIONS	
DESIGN	
DESIGNED BY EGC	DATE XX/2009
DRAWN BY EGC	DATE XX/2009
CHECKED BY RGC	DATE XX/2009