

# PROJECT INFORMATION

PROJECT: GATEWAY INDUSTRIAL PARK OWNER: MECH-CON INVESTMENTS 216 CLAREMONT NW ALBUQUERQUE, NM 87107 ARCHITECT: CLAUDIO VIGIL ARCHITECTS
1801 RIO GRANDE BLVD. NW
ALBUQUERQUE NM, 87104

LEGAL DESCRIPTION: TRACT K-1
LAND AT BROADWAY AND MENAUL ZONING ATLAS MAP: H-15-Z
ZONING CLASSIFICATION: EXISTING: IP
PROPOSED: NO CHANGE APPLICABLE BUILDING CODE: 2006 IBC

BUILDING TYPE: OFFICE/WAREHOUSE CONSTRUCTION TYPE: TYPE IIB FULLY SPRINKLED OCCUPANCY GROUP: GROUP B & S-2

NUMBER OF FLOORS: ONE GROSS SQUARE FOOTAGE:

16,325.56 WAREHOUSE (76%) 5,155.44 OFFICE (24%) 21,481.00 TOTAL SQ. SF.

ALLOWABLE AREA: GROUP S-2 TYPE II-B = 26,000 SQ. FT. + 300% SPRINKLER INCREASE = 104,000 SQ. FT. TOTAL PARKING/PAVED AREA: 80,777 SQUARE FEET OCCUPANT LOAD: OFFICE AREA: 5,155.44/100 =51.55 OCCUPANTS WAREHOUSE AREA: 16,325.56/500 = 32.65 OCCUPANTS

TOTAL = 84.2 OCCUPANTS

**EXIT WIDTH REQUIRED:** 85 x .2 = 17" = 1'-5" EXIT WIDTH PROVIDED: 144" NUMBER OF EXITS PROVIDED: THREE BUILDING HEIGHT ABOVE GRADE: 32'

PARKING ANALYSIS:

REQUIRED PARKING = 16,325.56 (WAREHOUSE)/2000 =8.16 = 9 SPACES

REQUIRED PARKING = 5,155.44 (OFFICE) /200 =25.77 = 26 SPACES

TOTAL PARKING REQUIRED = / 35 SPACES

TOTAL PARKING SPACES PROVIDED
29 REGULAR + 4 H.C. + 4 SMALL CAR +2 MOTORCYCLE= 39 PARKING SPACES

PARKING SPACES SIZES:
REGULAR CAR PARKING SPACES = 9'-0" x 18'-0" WITH A

REQUIRED PARKING - 39/20 = 1.95 BICYCLES ( 2 SPACES)

TOTAL BICYCLE SPACES PROVIDED = 4 BICYCLE SPACES

2'-0" OVERHANG.

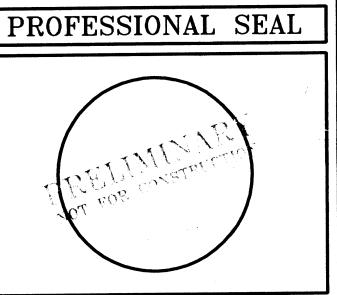
VAN ACCESSIBLE HANDICAP PARKING SPACE = 9'-0" x 18'-0" WITH A 2'-0" OVERHANG AND A 9'-0" WIDE ACCESS STRIP. BICYCLE SPACES:

CLAUDIO VIGIL **ARCHITECTS** 

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**GATEWAY** INDUSTRIAL **PARK** 

**BUILDING III** 

BROADWAY BLVD. NE ALBUQUERQUE, NEW MEXICO

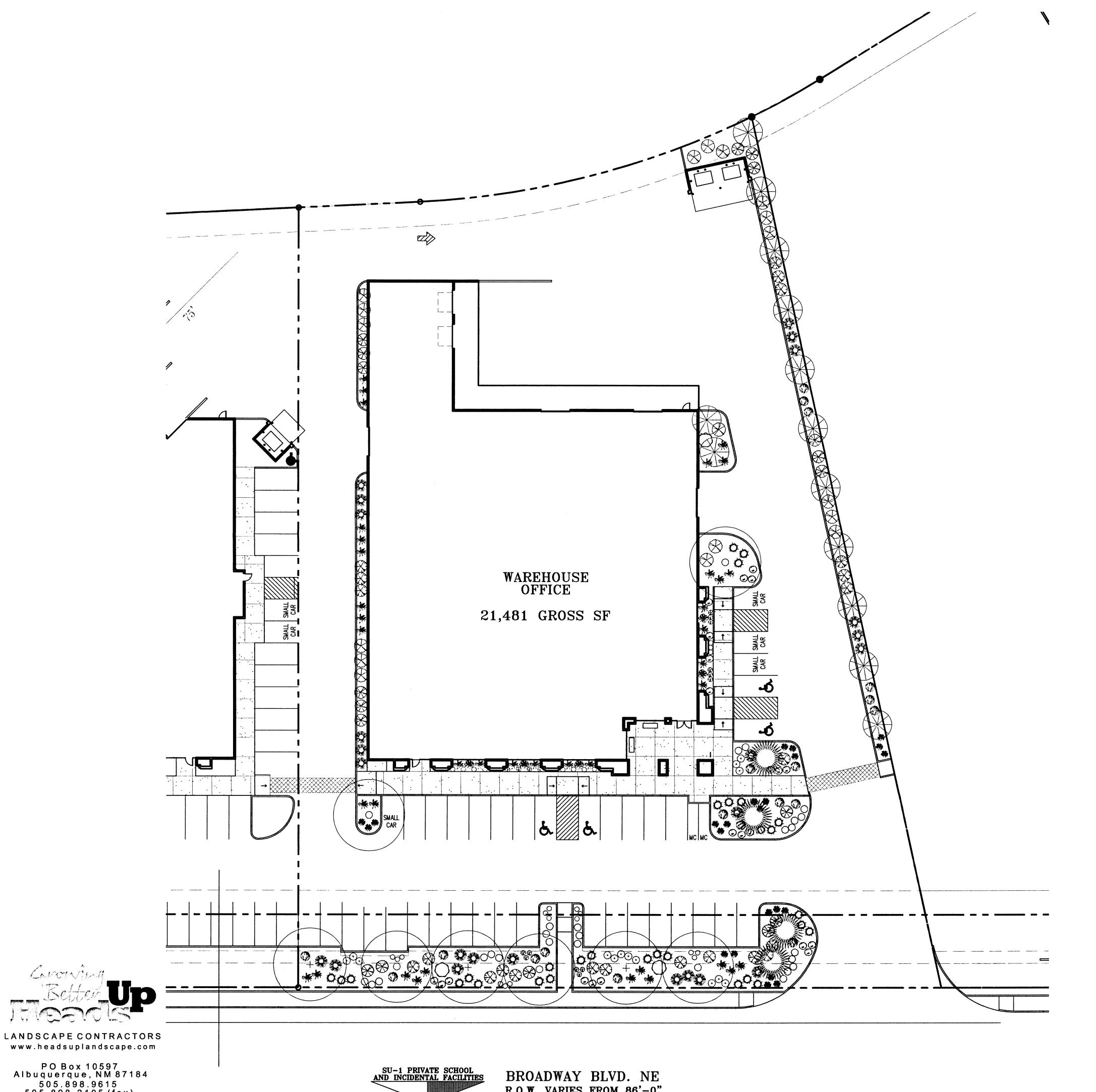
A	5.14.07	EPC CONDITIONS
MARK	DATE	DESCRIPTION

PROJECT NUM	<b>BER:</b> 06180
DRAWING FILE	<b>:</b>
DRAWN BY:	JJF
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DATE:	OCTOBER 30, 2006

PRELIMINARY
SITE PLAN
FOR BUILDING PERMIT

C - 101

SITE PLAN



#### PLANT LEGEND

Qty.	Symbol	Scientific Name Common Name	Size	Water Use	Coverage
Qty.	Trees	Common Name	<u> </u>	***************************************	
3	•	Pistacia chinensis Chinese Pistache	2"	Medium+	
5	•	Robinia ambigua 'Purple Robe' Purple Robe Locust	2"	Medium+	
4		Pinus eldarica Afghan Pine	10'	Medium	
Shrub	s/Groundc	overs			
3	$\bigcirc$	Buddleia davidii Butterfly Bush	5G	Medium	36SF X 3 = 108SF
18		Chamaebatiaria millefolium Fernbush	5G	Low	25SF X 18= 450SF
22		Callirhoe involucrata Winecups	1G	Low+	8SF X 22 = 176SF
26	$\bigcirc$	Calylophus sp. Sundrops	1G	Low	6SF X 26= 156SF
13	$\otimes$	Chilopsis linearis Desert Willow	5G	Medium	50SF X 13 = 650S
23	*	Achillea filipendulina Moonshine Yarrow	1G	Medium	8SF X 23= 184SF
19		Caryopteris clandonensis Blue Mist	5G	Medium	32SF X 19= 608SI
18	$\otimes$	Artemisia tridentata Big Sage	1G	Low+	18SF X 18= 324SI
29	mark the second	Rhus aromatica 'Grow Low' Grow Low Sumac	5G	Low +	50SF X 29= 1450S
24	0	Lavandula angustifolia English Lavender	1G	Low	12SF X 24= 288SI
22		Perovskia atriplicifolia Russian Sage	1G	Medium	25SF X 22 = 550S
38		Rosmarinus officinalis 'Arp' Arp Rosemary	5G	Low +	30SF X 38 =1140S
14	+	Oenethera berlandieri Mexican Evening Primrose	1G	Medium	25SF X 14= 350SI
16		Hymenoxys argentea Perky Sue	1G	Low	2SF X 16= 32SF
<u>Ornal</u>	mental Gra	sses			
5	**	Panicum virgatum 'Shenandoah' Shenandoah Switchgrass	5G	Medium	20SF X 5= 100SF
					0505 V 04 0000

Miscanthus sinensis 'Gracillimus'

Medium 25SF X 24= 600SF

TOTAL GROUNDCOVER REQ. 75% OF 8219SF= 6164SF TOTAL GROUNDCOVER SF PROVIDED (87%) 7166SF

## PLANTING RESTRICTIONS APPROACH

A MINIMUM OF 80% OF THE PLANTINGS TO BE LOW OR MEDIUM WATER USE PLANTS HIGH WATER USE TURF SHALL NOT BE USED

## NOTE

MAINTENANCE OF LANDSCAPE PROVIDED BY OWNER

PLANTINGS TO BE WATERED BY AUTO. DRIP IRRIGATION SYSTEM WITH REDUCED PRESSURE BACKFLOW PREVENTER PER CITY OF ALBUQUERQUE

WATER MANAGEMENT IS THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER

THIS PLAN IS TO COMPLY WITH C.O.A. LANDSCAPE AND WATER WASTE ORDINANCE PLANTING RESTRICTIONS APPROACH

IT IS THE INTENT OF THIS PLAN TO PROVIDE MIN. 75% LIVE GROUNDCOVER OF LANDSCAPE AREAS AT MATURITY

LANDSCAPE AREAS TO BE MULCHED WITH CRUSHER FINES AT 2"-3" DEPTH OVER FILTER FABRIC

APPROVAL OF THE LANDSCAPE PLAN DOES NOT CONSTITUTE OR IMPLY COMPLIANCE WITH, OR EXEMPTION FROM, THE C.O.A LANDSCAPE AND WATER WASTE ORDINANCE

TREES ARE NOT TO BE PLACED IN PUBLIC UTILITY EASEMENTS

NO PARKING SPACE SHALL BE MORE THEN 100' FROM A TREE.

## SITE DATA

**GROSS LOT AREA** LESS BUILDING(S)
NET LOT AREA

REQUIRED LANDSCAPE 15% OF NET LOT AREA PROPOSED LANDSCAPE

PERCENT OF NET LOT AREA REQUIRED STREET TREES

PROVIDED AT 30' O.C. SPACING ALONG STREET 8 REQUIRED PARKING LOT TREES PROVIDED AT 1 PER 10 SPACES (37 SPACES/10) 4

<u>76276sf</u> SF <u>21481sf</u> SF

\_\_\_\_54795sf\_\_\_SF

9051sf

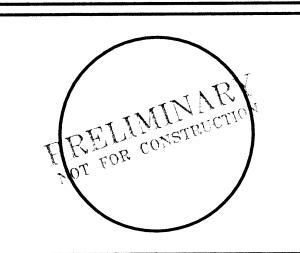


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**GATEWAY** INDUSTRIAL **PARK** 

**BUILDING III** 

BROADWAY BLVD. NE ALBUQUERQUE, NEW MEXICO

MARK	DATE	DESCRIPTION

PROJECT NUMI	BER:	06065
DRAWING FILE:		
DRAWN BY:		LH
CHECK BY:		
COPYRIGHT:	CLAUDIO VIGIL ARCHITECTS	2005
DATE:	SEPTEMBER 28	, 2006

SHEET TITLE PRELIMINARY LANDSCAPE PLAN

SHEET NUMBER L-101

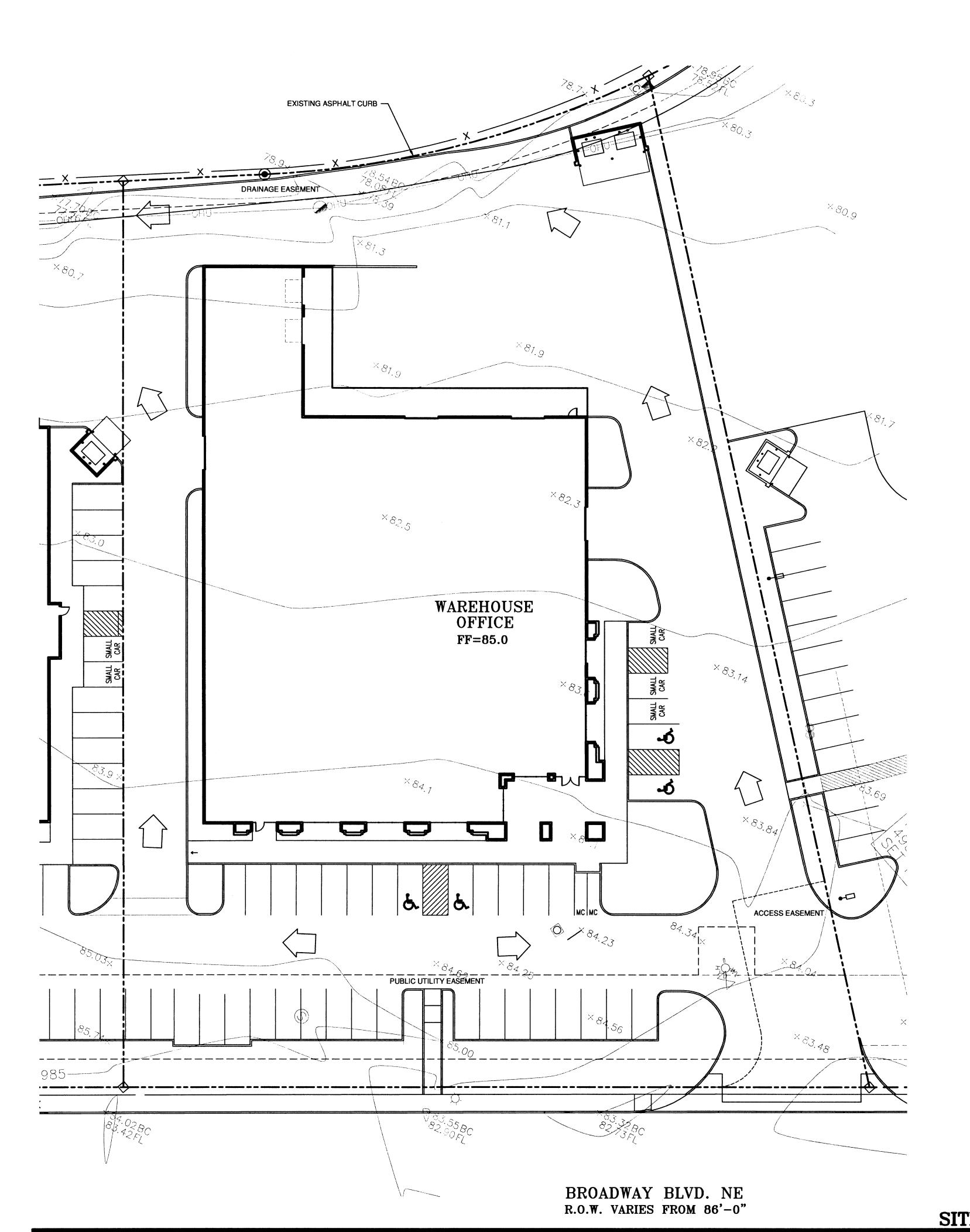


PO Box 10597 Albuquerque, NM 87184

505.898.9615 505.898.2105 (fax)

R.O.W. VARIES FROM 86'-0"

LANDSCAPE PLAN





THE PROPOSED IMPROVEMENTS AS SHOWN BY THE VICINITY MAP, ARE LOCATED WEST OF BROADWAY BOULEVARD NORTH OF THE MENAUL BOULEVARD. THE SITE IS UNDEVELOPED AND SLOPES FROM EAST TO WEST AT AN APPROXIMATE SLOPE OF 1.5%. THE SITE DOES NOT LIE WITHIN A FLOOD HAZARD ZONE. THE SITE IS HIGHER THAN THE LANDS TO THE WEST. THE EXISTING STREET BLOCKS THE FLOWS FROM THE NORTH AND EAST THE LAND TO THE SOUTH SLOPE TO THE EXISTING ASPHALT DRAINAGE CHANNEL ALONG THE WEST PROPERTY LINE. THEREFORE OFFSITE FLOWS ARE CONSIDERED NEGLIGIBLE.

THE PROPOSED DEVELOPMENT LIE WITHIN GATEWAY INDUSTRIAL PARK TRACT K-1 (PREVIOUSLY TRACTS J & K) A CONCEPTUAL MASTER DRAINAGE PLAN FOR THIS SITE WAS PREPARED BY MARK GOODWIN & ASSOCIATES. THE MASTER DRAINAGE PLAN ESTABLISHED UNRESTRICTED DISCHARGE OF DEVELOPED FLOWS INTO THE ADJACENT CITY DETENTION POND TO THE WEST.

THE PROPOSED IMPROVEMENTS CONSIST OF A NEW OFFICE BUILDING WITH ASSOCIATED PARKING AND LANDSCAPING. AS SHOWN BY THE CALCULATION THE PROPOSED DEVELOPMENT WILL INCREASE THE RATE AND VOLUME OF RUNOFF. THE PROPOSED SITE IMPROVEMENTS ARE DRAIN TO THE EXISTING DRAINAGE CHANNEL ALONG THE WEST PROPERTY LINE. THE PROPOSED RATE OF DISCHARGE IS 7.8 CFS (4.5 CFS/ACRE).

THE CALCULATIONS ANALYZE THE EXISTING AND PROPOSED CONDITIONS FOR 6-HOUR, 100 YEAR RAINFALL EVENT. THE ANALYSIS IS IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL VOLUME II.

**CALCULATIONS** PRECIPITATION ZONE = 2 TOTAL SITE AREA = 1.750 ACRES

EXISTING CONDITIONS

LAND TREATMENT A=100%

E = 0.53(1.00) = 0.53 INCHES V = 0.53(1.750) / 12 = 0.077 ACRE FEET Q = 1.56(1.00) (1.750) = 2.7 CFS DEVELOPED CONDITIONS

LAND TREATMENT B=10% D=90% E = 0.78(0.10) + 2.12(0.90) = 1.99 INCHES V = 1.99 (1.750) / 12 = 0.290 ACRE FEET

INCREASE IN RATE OF RUNOFF = 5.1 CFS

Q = [2.28(0.10) + 4.7(0.90)](1.750) = 7.8 CFSQ =7.8/1.75=4.5 CFS/ACRE INCREASE IN VOLUME OF RUNOFF = 0.212 ACRE FT

- INDUSTRIAL INDUSTRIAL SU-1 PRIVATE SCHOOL ≓ BROADBENT

VICINITY MAP

PROJECT GATEWAY INDUSTRIAL PARKS BUILDING III

ADDRESS: XXXX BROADWAY BLVD., N.W. <u>LEGAL DESCRIPTION:</u>
TRACT K-1 GATEWAY INDUSTRIAL PARK

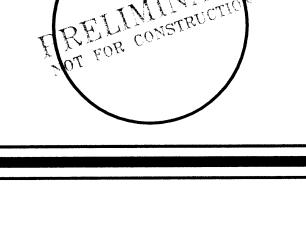


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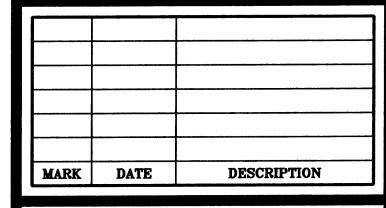
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BROADWAY BLVD. NE ALBUQUERQUE, NEW MEXICO

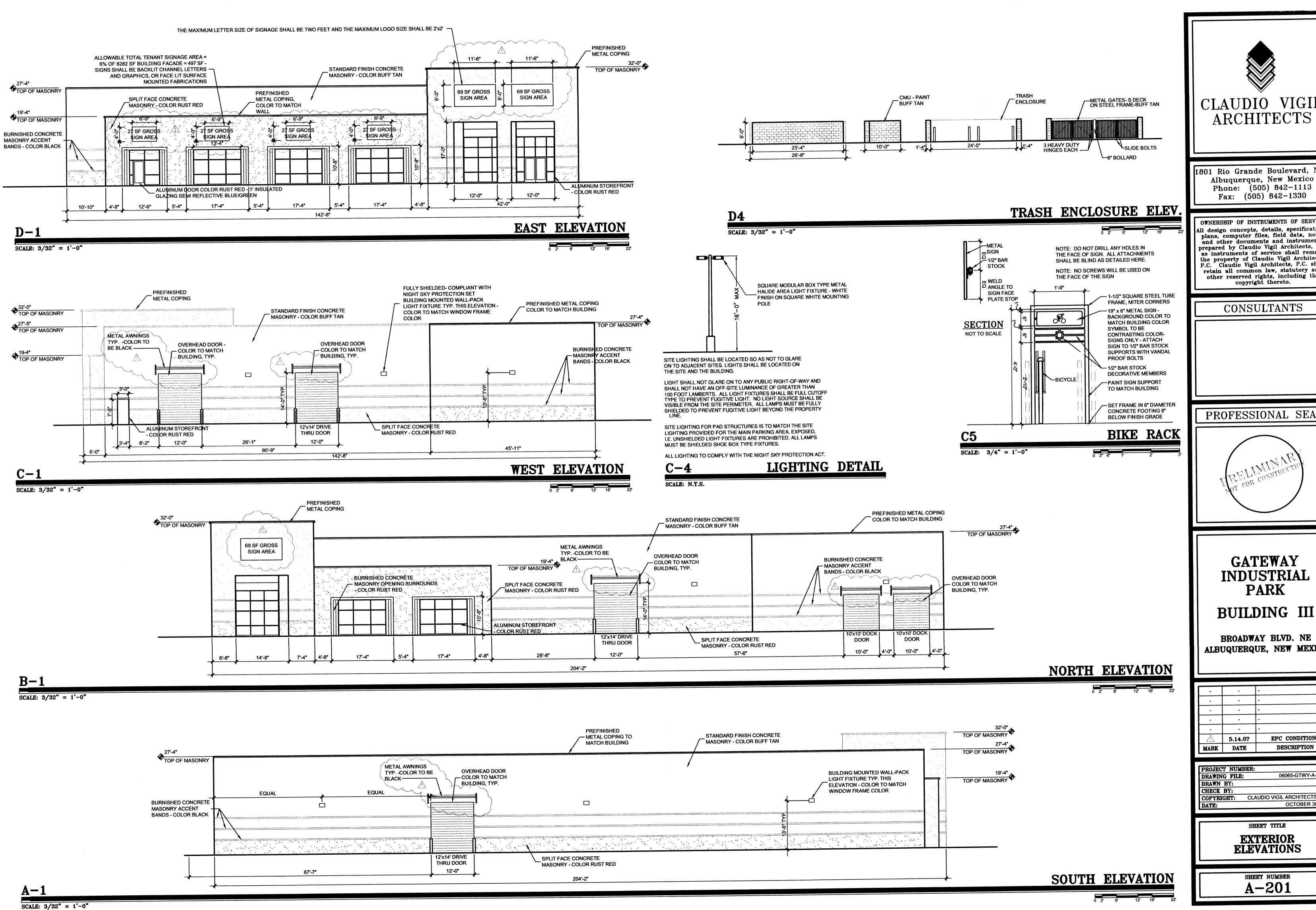


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> SHEET TITLE PRELIMINARY GRADING PLAN

SHEET NUMBER C-102





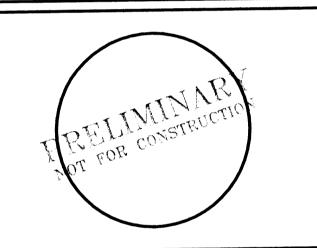


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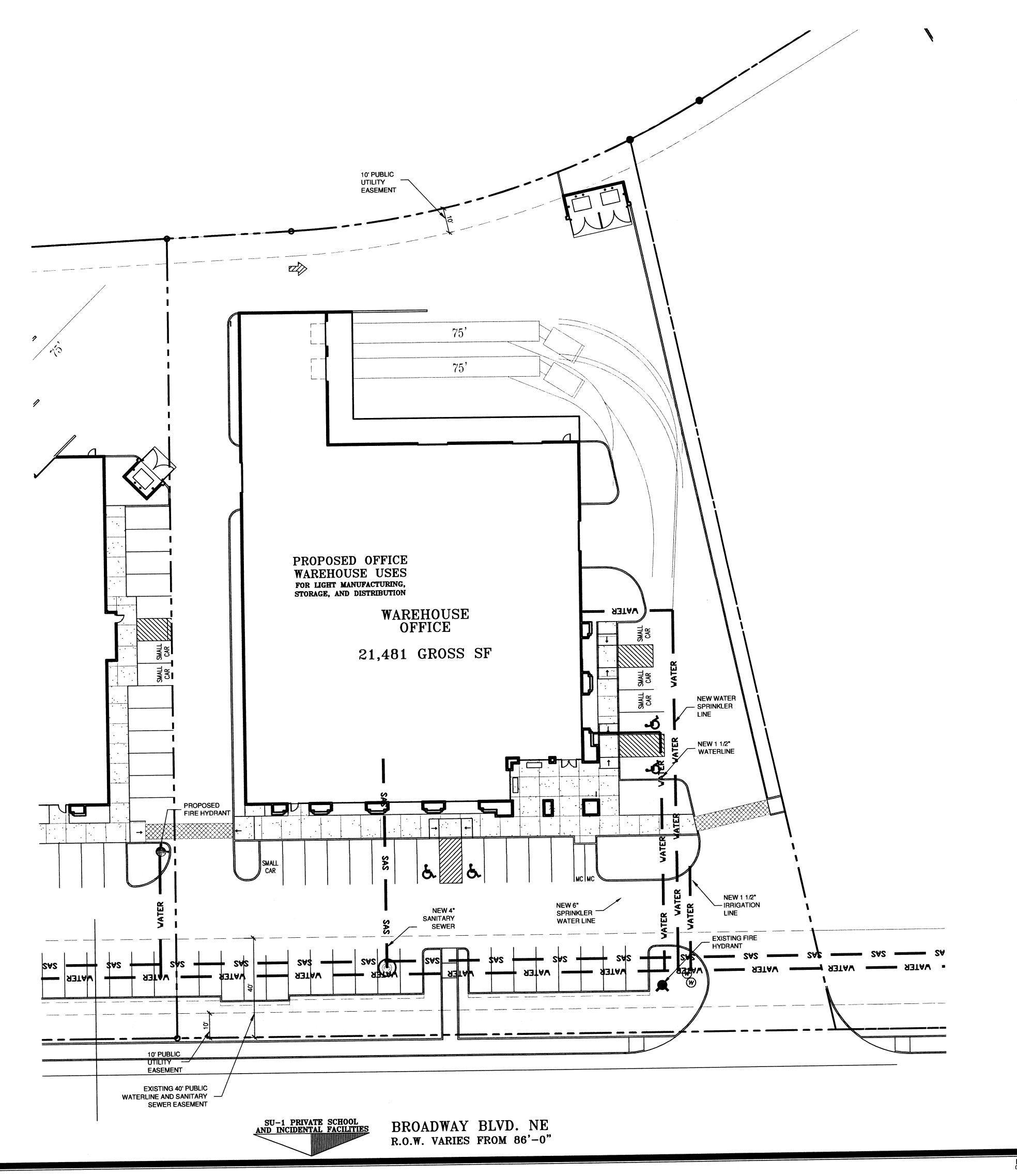
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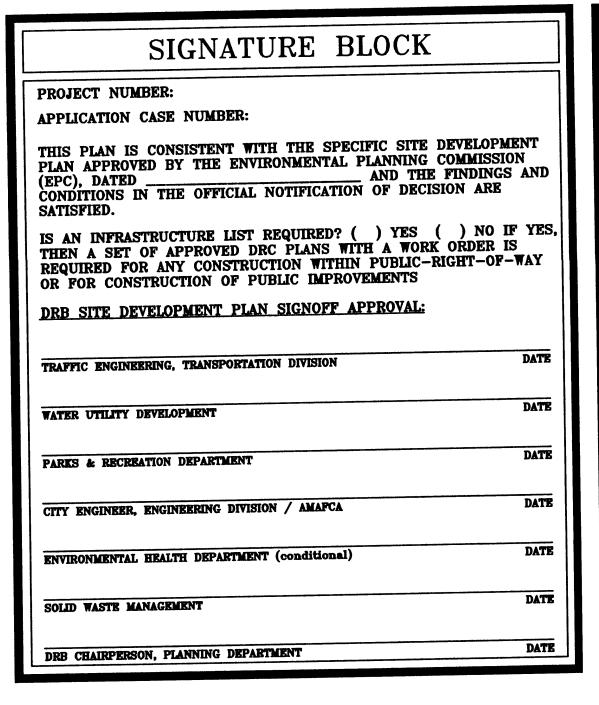
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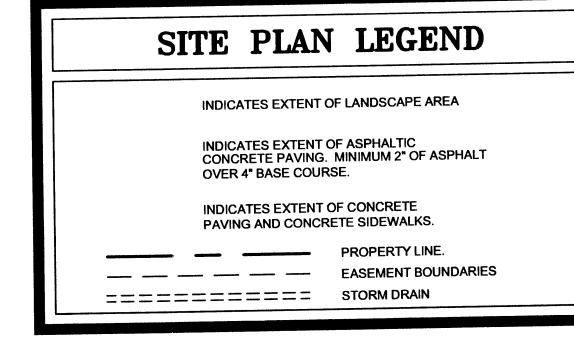
PROJECT NUMBER 06065-GTWY-A-201-E DRAWING FILE: DRAWN BY: CHECK BY: COPYRIGHT: CLAUDIO VIGIL ARCHITECTS 2006 OCTOBER 30, 200

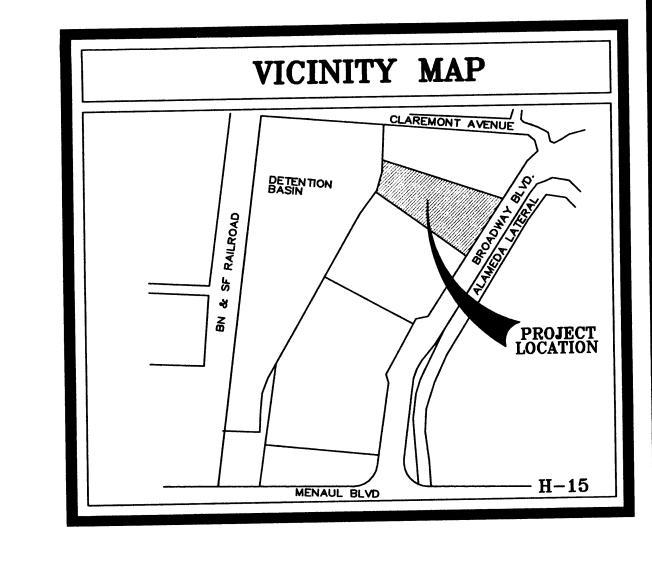
> SHEET TITLE EXTERIOR ELEVATIONS

SHEET NUMBER A - 201











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GATEWAY
INDUSTRIAL PARK
BUILDING III
PROJECT NAME
PROJECT NAME
PROJECT ADDRESS

ALBUQUERQUE, NEW MEXICO

- MARK	DATE	DESCRIPTION
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DATE:				OCTOBER	30, 200

SHEET TITLE

CONCEPTUAL

UTILITY PLAN

SHEET NUMBER
C-101

SITE PLAN