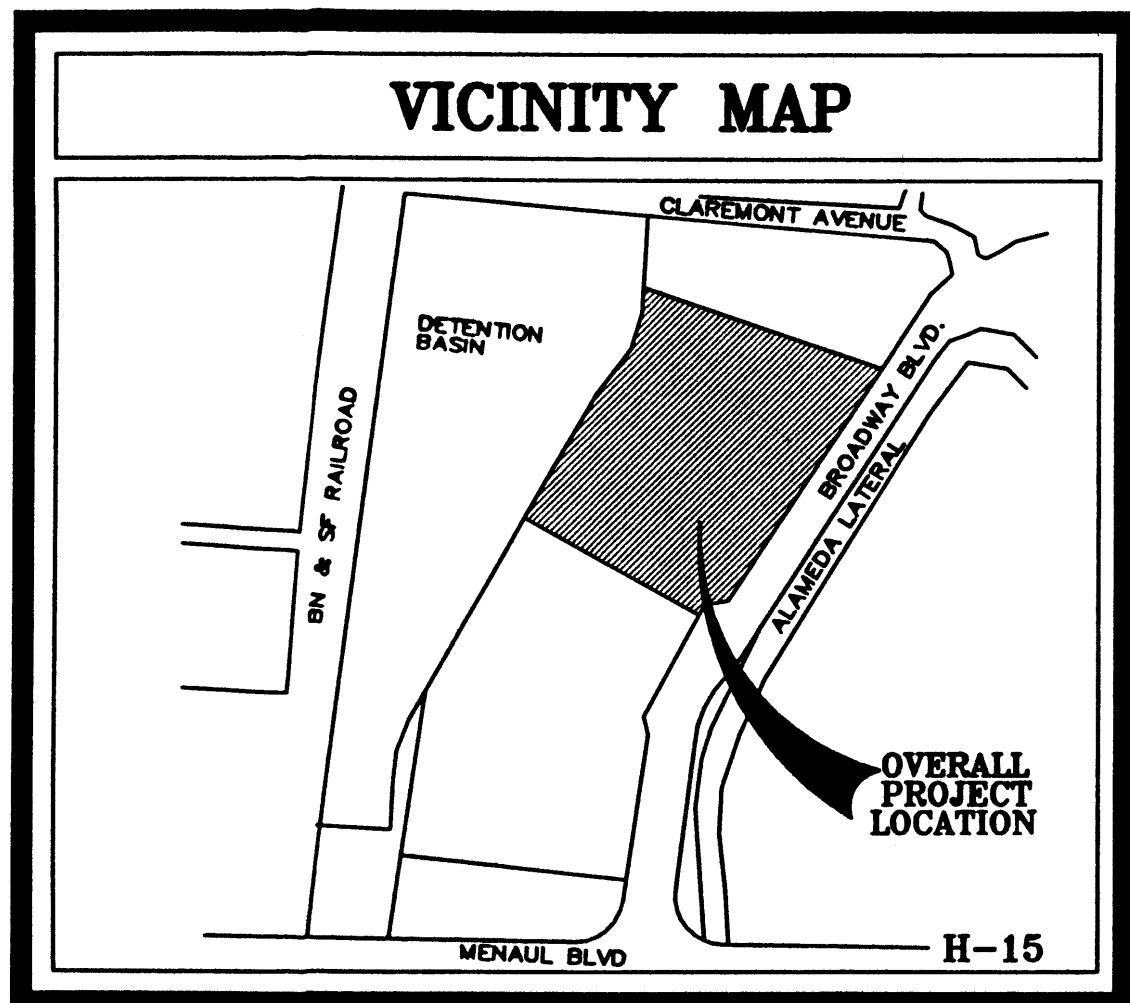
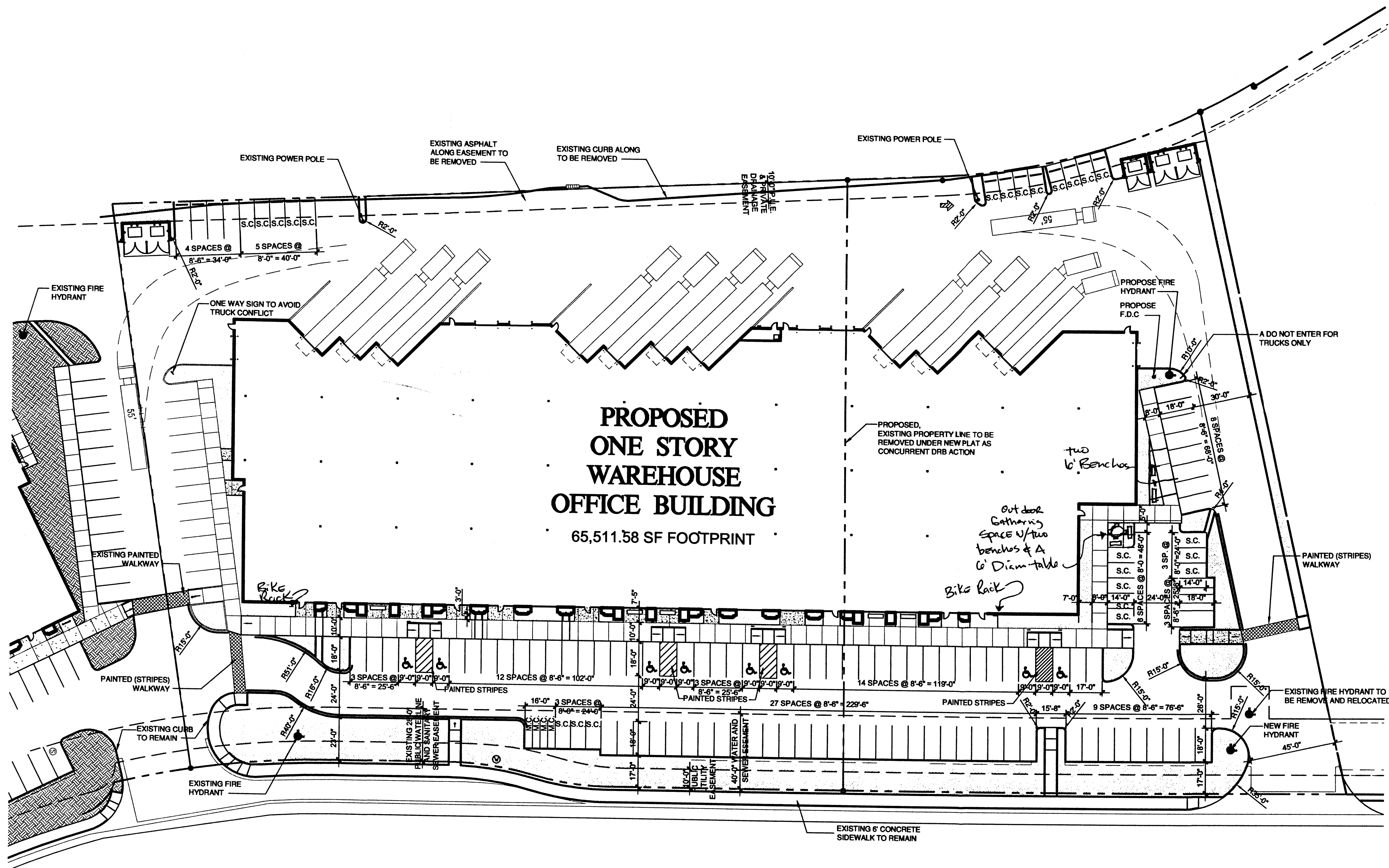


ADMINISTRATIVE AMENDMENT	
File # 07-00683	Project # 1005240
consolidating 2 lots and 2	
bldgs to form one lot &	
one bldg.	
APPROVED BY	DATE
<i>M. M. M.</i>	7/23/07



PROJECT INFORMATION

PROJECT: GATEWAY II 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 H-1
LAND AT BROADWAY AND MENAUL
ZONING ATLAS MAP: H-15
ZONING CLASSIFICATION: EXISTING: IP
PROPOSED: NO CHANGE
APPLICABLE BUILDING CODE: 2005 IBC
BUILDING TYPE: OFFICE/WAREHOUSE
CONSTRUCTION TYPE: TYPE IIB 100% SPRINKLED
OCCUPANCY GROUP: GROUP B, AND S-2
NUMBER OF FLOORS: ONE
43,237.64 WAREHOUSE (66%)
GROSS SQUARE FOOTAGE: 22,273.94 OFFICE (34%)
65,511.58 TOTAL SQ. FT.

ALLOWABLE AREA:
GROUP S-2 TYPE IIB = 26,000 SQ. FT. + 300% SPRINKLER INCREASE = 104,000 SQ. FT.
TOTAL PARKING/PAVED AREA:
OCCUPANT LOAD: OFFICE AREA: 22,273.94/100 = 222.74 OCCUPANTS
WAREHOUSE AREA: 43,237.64/500 = 86.48 OCCUPANTS
TOTAL = 309.22 OCCUPANTS

EXIT WIDTH REQUIRED: 309.22 x 2 = 61.84' = 5'-2"
EXIT WIDTH PROVIDED: 61'2" = 5'-1"
NUMBER OF EXITS PROVIDED: SEVENTEEN
BUILDING HEIGHT ABOVE GRADE: 32'
PARKING ANALYSIS:
REQUIRED PARKING = 43,237.64 (WAREHOUSE)/200 = 21.62 = 22 SPACES
REQUIRED PARKING = 22,273.94 (OFFICE)/200 = 111.36 = 112 SPACES
TOTAL PARKING REQUIRED = 134 SPACES
TOTAL PARKING SPACES PROVIDED:
97 REGULAR + 8 H.C. + 25 SMALL CAR + 4 MOTORCYCLE = 134 PARKING SPACES
PARKING SPACES SIZES:
REGULAR CAR PARKING SPACES = 9'-0" x 18'-0" WITH A 2'-0" OVERHANG
8'-6" x 18'-0" WITH A 2'-0" OVERHANG
HANDICAP PARKING SPACE = 9'-0" x 18'-0" WITH A 2'-0" OVERHANG
COMPACT PARKING SPACE = 8'-0" x 15'-0"
BICYCLE SPACES:
REQUIRED PARKING - 134/20 = 6.7 BICYCLES (7 SPACES)
TOTAL BICYCLE SPACES PROVIDED = 8 BICYCLE SPACES
TOTAL LOT AREA: 188,446 SQUARE FEET, 4.15 ACRES
NET LOT AREA: 122,934.42 SQUARE FEET
TOTAL LANDSCAPE AREA REQUIRED: 18,440.16 SQ. FT.
TOTAL LANDSCAPE AREA PROVIDED: 18,799 SQ. FT.
LANDSCAPE TO PARKING AREA RATIO: 1 TO 3


**CLAUDIO VIGIL
ARCHITECTS**

1801 Rio Grande Boulevard, N.W.
Albuquerque, New Mexico
Phone: (505) 842-1113
Fax: (505) 842-1330

OWNERSHIP OF INSTRUMENTS OF SERVICE
All design concepts, details, specifications, plans, computer files, field data, notes and other documents and instruments prepared by Ambysis P.C., D.B.A. Claudio Vigil Architects, as instruments of service shall remain the property of Ambysis P.C., Claudio Vigil Architects, P.C. Architect shall retain all common law, statutory and other reserved rights, including the copyright thereto.

CONSULTANTS

PROFESSIONAL SEAL



GATEWAY INDUSTRIAL PARK BUILDING II

BROADWAY BLVD. NE
ALBUQUERQUE, NEW MEXICO

MARK	DATE	ADMINISTRATIVE AMENDMENT	DESCRIPTION

PROJECT NUMBER: 08065
DRAWING FILE: CD\SHEET\GIP-C1-SITE.dwg
DRAWN BY: J.J.F.
CHECK BY:
COPYRIGHT: CLAUDIO VIGIL ARCHITECTS 2006
DATE: DECEMBER 18, 2006

SHEET TITLE
**SITE PLAN
FOR BUILDING PERMIT**

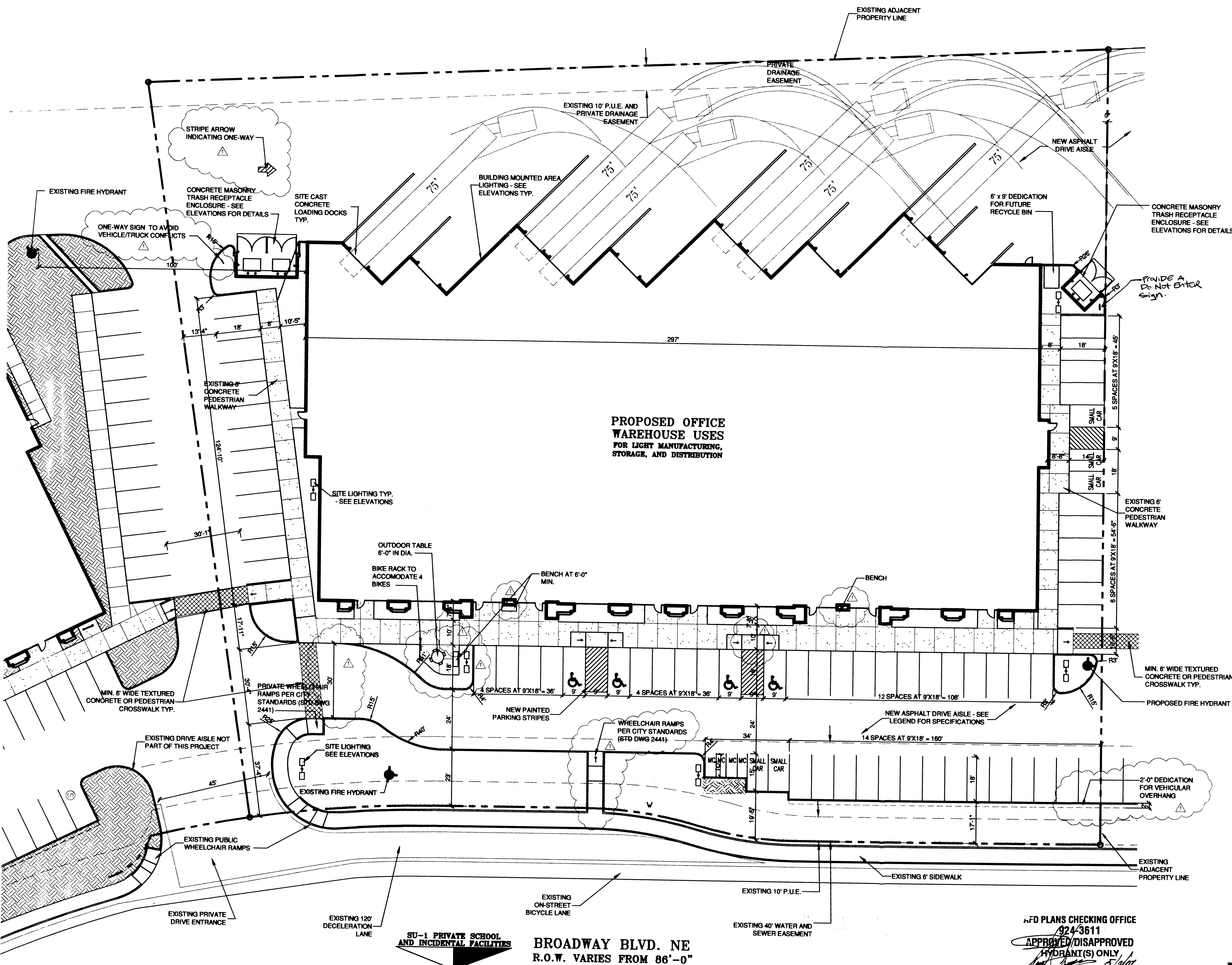
SHEET NUMBER

A-1

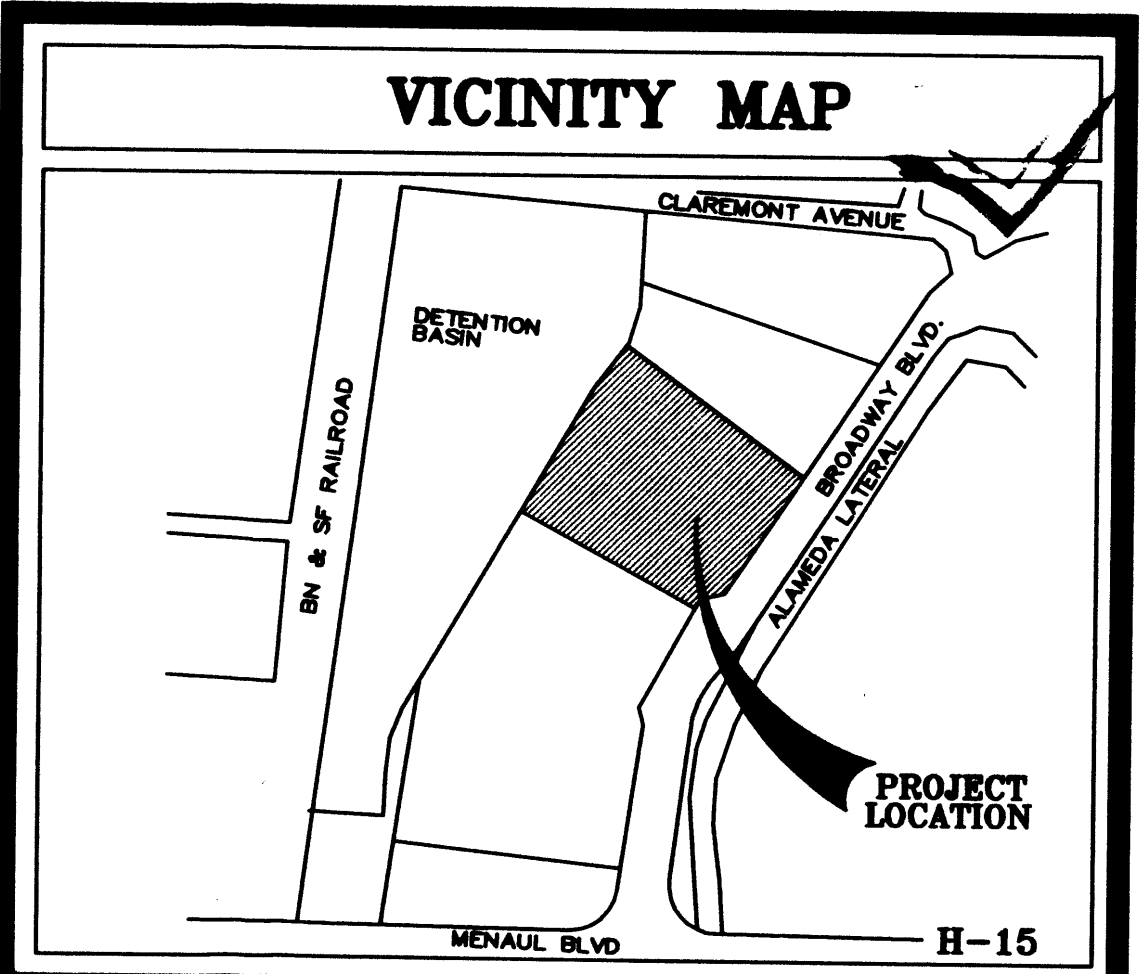
A-1

SCALE: 1" = 30'-0"


SITE PLAN



SIGNATURE BLOCK	
PROJECT NUMBER: 1005240	
APPLICATION CASE NUMBER: 07028-70007	
THIS PLAN IS CONSISTENT WITH THE SPECIFIC SITE DEVELOPMENT PLAN APPROVED BY THE ENVIRONMENTAL PLANNING COMMISSION (EPC), DATED 12/10/06 AND THE FINDINGS AND CONDITIONS IN THE OFFICIAL NOTIFICATION OF DECISION ARE SATISFIED.	
IS AN INFRASTRUCTURE LIST REQUIRED? () YES (X) NO IF YES, THEN A SET OF APPROVED DRC PLANS WITH A WORK ORDER IS REQUIRED FOR ANY CONSTRUCTION WITHIN PUBLIC-RIGHT-OF-WAY OR FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS	
DRC SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:	
TRANSPORTATION DIVISION	5-30-07
WATER UTILITY DEVELOPMENT	5-30-07
PARKS & RECREATION DEPARTMENT	5-30-07
CITY ENGINEER, ENGINEERING DIVISION / AMAPCA	5-30-07
ENVIRONMENTAL HEALTH DEPARTMENT (conditional)	5-30-07
WASTE MANAGEMENT	5-30-07
PLANNING DEPARTMENT	5-30-07



PROJECT INFORMATION

PROJECT: GATEWAY II INDUSTRIAL PARK
OWNER: MECH-CON INVESTMENTS
218 CLAREMONT NW
ALBUQUERQUE, NM 87107
ARCHITECT: CLAUDIO VIGIL ARCHITECTS
1801 RIO GRANDE BLVD. NW
ALBUQUERQUE, NM 87104
LEGAL DESCRIPTION: TRACT H-1
LAND AT BROADWAY AND MENAUL
H-15
ZONING ATLAS MAP: EXISTING: IP
PROPOSED: NO CHANGE
ZONING CLASSIFICATION: EXISTING: IP
PROPOSED: NO CHANGE
APPLICABLE BUILDING CODE: 2005 IBC
BUILDING TYPE: OFFICE/WAREHOUSE
CONSTRUCTION TYPE: TYPE IIB 100% SPRINKLED
OCCUPANCY GROUP: GROUP B, AND S-2
NUMBER OF FLOORS: ONE
GROSS SQUARE FOOTAGE: 31,581.75 WAREHOUSE (75%)
10,527.25 OFFICE (25%)
42,109 TOTAL SQ. FT.

ALLOWABLE AREA:
GROUP S-2 TYPE IIB = 26,000 SQ. FT. + 300% SPRINKLER INCREASE = 104,000 SQ. FT.

TOTAL PARKING/PAVED AREA:

OCCUPANT LOAD: OFFICE AREA: 10,527.25/100 = 105.27 OCCUPANTS
WAREHOUSE AREA: 31,581.75/500 = 63.16 OCCUPANTS
TOTAL = 168.43 OCCUPANTS

EXIT WIDTH REQUIRED: 169 x 2 = 33.8" = 3'-8"

EXIT WIDTH PROVIDED: 396"

NUMBER OF EXITS PROVIDED: ELEVEN

BUILDING HEIGHT ABOVE GRADE: 32'

PARKING ANALYSIS:
REQUIRED PARKING = 31,581.75 (WAREHOUSE)/200 = 157.91 SPACES
REQUIRED PARKING = 10,527.25 (OFFICE)/200 = 52.64 SPACES
TOTAL PARKING REQUIRED = 210.55 SPACES
TOTAL PARKING SPACES PROVIDED = 70 SPACES
PARKING SPACES SIZES:
REGULAR CAR PARKING SPACES = 9'-0" x 18'-0" WITH A 2'-0" OVERHANG
HANDICAP PARKING SPACE = 9'-0" x 18'-0" WITH A 2'-0" OVERHANG
COMPACT PARKING SPACE = 8'-0" x 15'-0"

BICYCLE SPACES:
REQUIRED PARKING - 70/20 = 3.5 BICYCLES (4 SPACES)
TOTAL BICYCLE SPACES PROVIDED = 4 BICYCLE SPACES

AFD PLANS CHECKING OFFICE
924-3611
APPROVED/DISAPPROVED
HYDRANT(S) ONLY
SIGNATURE & DATE



CLAUDIO VIGIL ARCHITECTS

1801 Rio Grande Boulevard, N.W.
Albuquerque, New Mexico
Phone: (505) 842-1113
Fax: (505) 842-1330

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CONSULTANTS

PROFESSIONAL SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

GATEWAY INDUSTRIAL PARK BUILDING II

BROADWAY BLVD., NE
ALBUQUERQUE, NEW MEXICO

MARK	DATE	EPC CONDITIONS	DESCRIPTION
	5.14.07		

PROJECT NUMBER: 06065

DRAWING FILE:

DRAWN BY: JVF

CHECK BY:

COPYRIGHT: CLAUDIO VIGIL ARCHITECTS 2006

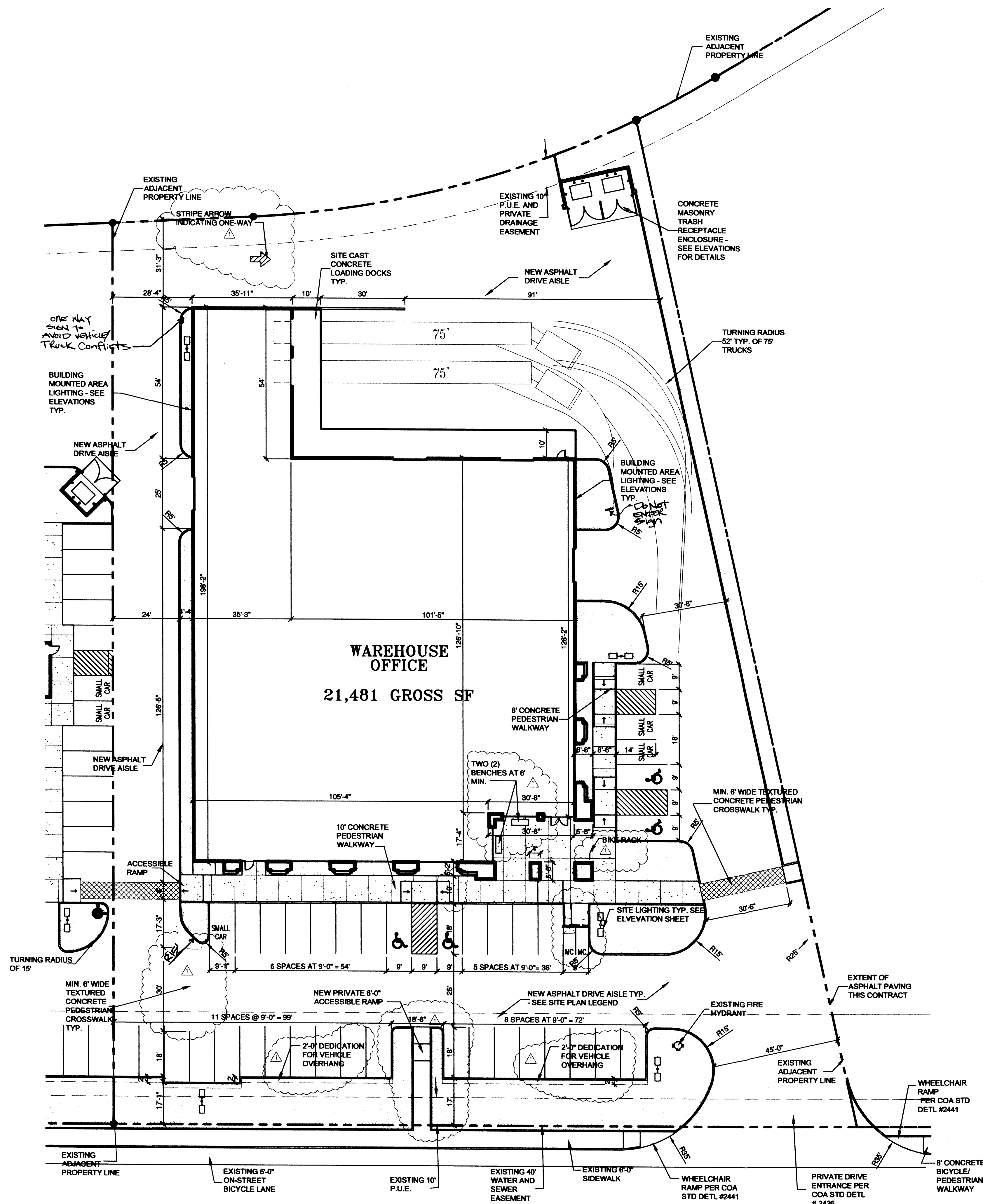
DATE: OCTOBER 30, 2006

PRELIMINARY SITE PLAN FOR BUILDING PERMIT

SHEET NUMBER

C-101





SIGNATURE BLOCK

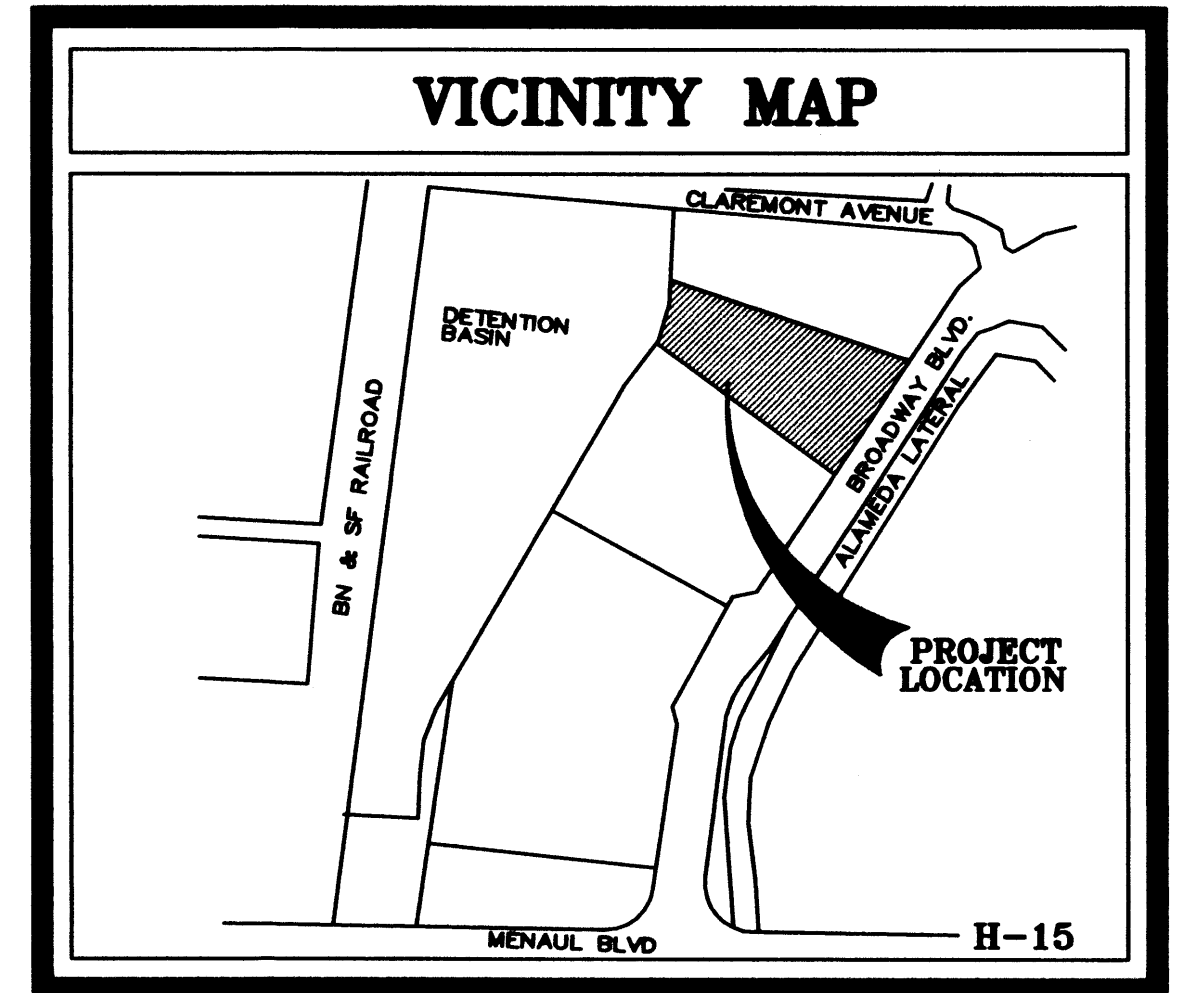
PROJECT NUMBER: 100912A
APPLICATION CASE NUMBER: 07 DRB-70009

THIS PLAN IS CONSISTENT WITH THE SPECIFIC SITE DEVELOPMENT PLAN APPROVED BY THE ENVIRONMENTAL PLANNING COMMISSION (EPC), DATED December 11, 2006, AND THE FINDINGS AND CONDITIONS IN THE OFFICIAL NOTIFICATION OF DECISION ARE SATISFIED.

IS AN INFRASTRUCTURE LIST REQUIRED? () YES (X) NO IF YES, THEN A SET OF APPROVED DRG PLANS WITH A WORK ORDER IS REQUIRED FOR ANY CONSTRUCTION WITHIN PUBLIC-RIGHT-OF-WAY OR FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS

DRG SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:

TRAFFIC ENGINEERING / TRANSPORTATION DIVISION	5-30-07
WATER UTILITY DEVELOPMENT	5-30-07
PARKS & RECREATION DEPARTMENT	5-30-2007
CITY ENGINEER, ENGINEERING DIVISION / AMAPCA	5-30-07
ENVIRONMENTAL HEALTH DEPARTMENT (conditional)	5-30-07
WASTE MANAGEMENT	5-30-07
CHIEF ENGINEER, PLANNING DEPARTMENT	5-30-07



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 IIB = 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: 14'
NUMBER OF EXITS PROVIDED: THREE
BUILDING HEIGHT ABOVE GRADE: 32'
PARKING ANALYSIS:
REQUIRED PARKING = 16,325.56 (WAREHOUSE) / 2000 = 8.16 = 9 SPACES
TOTAL PARKING REQUIRED = 135 SPACES
TOTAL PARKING 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 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:
REQUIRED PARKING - 39/20 = 1.95 BICYCLES / 2 SPACES
TOTAL BICYCLE SPACES PROVIDED = 4 BICYCLE SPACES

AFD PLANS CHECKING C.O.
224-3611
APPROVED/DISAPPROVED
HYDRAULICS ONLY
5-24-07
SIGNATURE & DATE

SITE PLAN

JUL 16 2007
HYDROLOGY SECTION



CLAUDIO VIGIL ARCHITECTS

1801 Rio Grande Boulevard, N.W.
Albuquerque, New Mexico
Phone: (505) 842-1113
Fax: (505) 842-1330

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CONSULTANTS

PROFESSIONAL SEAL



GATEWAY INDUSTRIAL PARK

BUILDING III

BROADWAY BLVD. NE
ALBUQUERQUE, NEW MEXICO

MARK	DATE	DESCRIPTION
5.14.07	EPC CONDITIONS	

PROJECT NUMBER:	06180
DRAWING FILE:	
DRAWN BY:	JVF
CHECK BY:	
COPYRIGHT:	CLAUDIO VIGIL ARCHITECTS 2006
DATE:	OCTOBER 30, 2006

PRELIMINARY SITE PLAN FOR BUILDING PERMIT

SHEET NUMBER
C-101

THE EXISTING SITE IS PREDOMINANTLY SILTY SANDS, LIGHTLY VEGETATED WITH VARIOUS GRASSES AND SHRUBS. THE SITE DRAINS IN A WESTERLY DIRECTION TO AN EXISTING DOUBLE GRATE TYPE "A" INLET. SHEET FLOWS ARE CONVEYED TO THE EXISTING INLET VIA AN ASPHALT SWALE. THE INLET THEN DISCHARGES TO THE EXISTING OFFSITE DETENTION FACILITY (CLAREMONT DETENTION BASIN) IMMEDIATELY ADJACENT TO THE SITE. THE SITE FALLS UNDER THE APPROVED DRAINAGE REPORT FOR THE "STEARNS INDUSTRIAL PARK" PREPARED BY MARK GOODWIN & ASSOCIATES, 1/14/2000. PER THIS REPORT, THE PROPOSED GATE HAS AN ALLOWABLE DISCHARGE RATE OF 23.12 cfs AT THE EXISTING INLET. THIS DISCHARGE RATE INCLUDES 18.72 cfs FOR ONSITE FLOWS AND 4.40 cfs FOR OFFSITE FLOWS (TRACT M-1).

THE PROPOSED SITE IMPROVEMENTS WILL INCLUDE THE CONSTRUCTION OF A SINGLE WAREHOUSE WITH ASSOCIATED INFRASTRUCTURE. ONSITE RUNOFF WILL CONTINUE TO DRAIN IN A WESTERLY DIRECTION VIA SHEET FLOW, VALLEY GUTTER, AND STORM DRAIN TO THE EXISTING STORM DRAIN OUTFALL. ONSITE DISCHARGE WILL BE 18.12 cfs. OFFSITE RUNOFF FROM TRACT M-1 WILL BE 4.40 cfs UNDER DEVELOPED CONDITIONS. TOTAL DISCHARGE TO THE ADJACENT DETENTION FACILITY WILL BE 22.52 cfs.

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.



BASINS	AREA (acres)	LAND TREATMENT PERCENTAGES BY TYPE				YIELD (cfs/ac)	Q 10 (cfs)	Q100 (cfs)	V100-24 (acft)
		A	B	C	D				
A1	0.88	0	40	20	40	3.43	2.01	3.55	0.13
A2	2.17	0	80	10	10	2.61	3.64	7.87	0.25

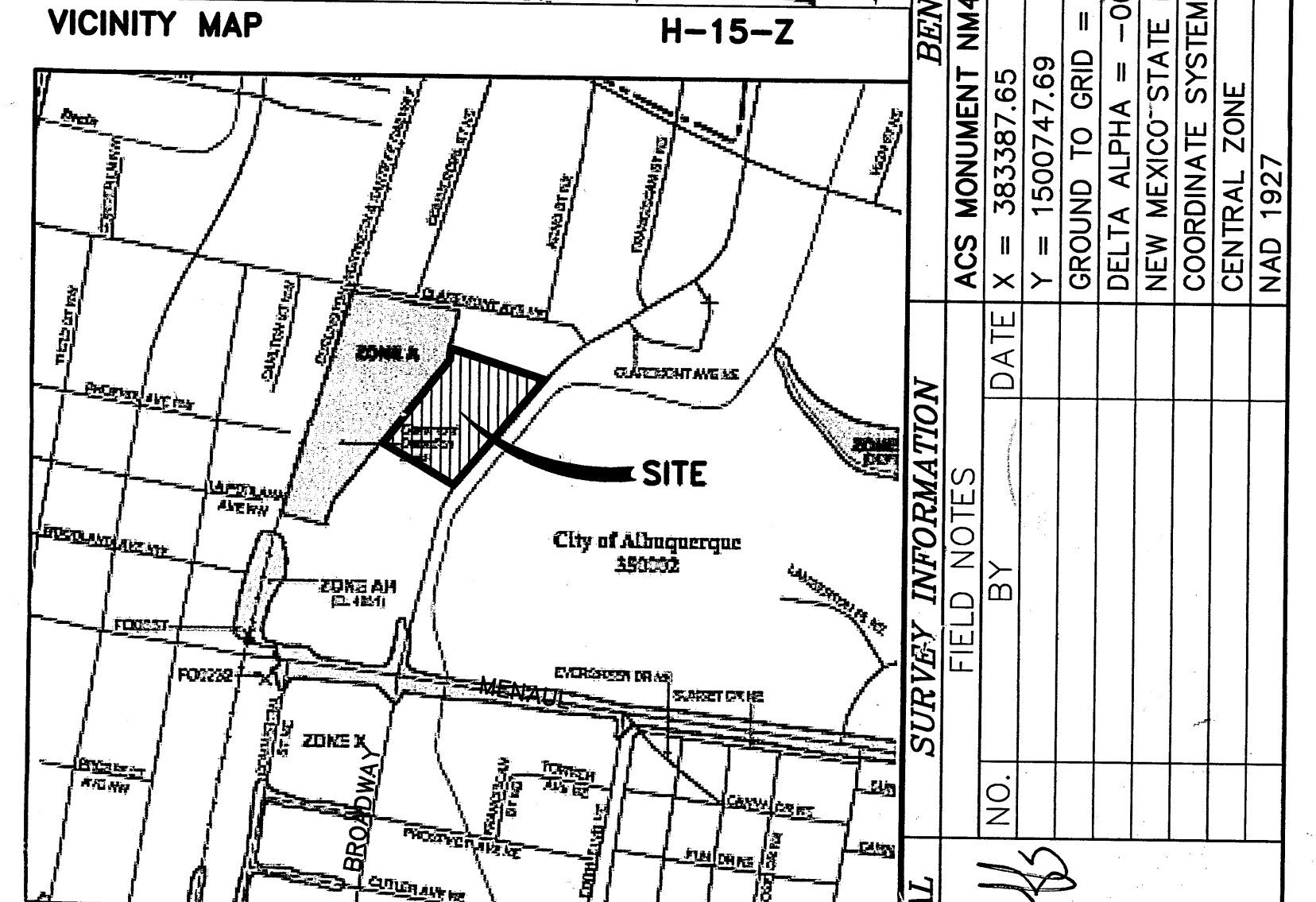
*PRECIPITATION ZONE 2 WAS USED IN THE HYDROLOGIC ANALYSIS

BASINS	AREA (acres)	LAND TREATMENT PERCENTAGES BY TYPE				YIELD (cfs/oc)	Q ¹⁰ (cfs)	Q ¹⁰⁰ (cfs)	Y ¹⁰⁰⁻²⁴ (acft)
		A	B	C	D				
A1	1.04	0	10	0	90	4.47	3.00	4.64	0.20
A2	3.02	0	10	0	90	4.46	8.73	13.48	0.57

*PRECIPITATION ZONE 2 WAS USED IN THE HYDROLOGIC ANALYSIS

AP	DESCRIPTION	SLOPE (%)	Q ¹⁰⁰ (cfs)
AP-1	STREET FLOW	1.00%	6.74
AP-2	STREET FLOW	VARIES	3.37
AP-3	OFFSITE FLOW	VARIES	4.40
AP-4	SUMP	—	7.77

NOTE:

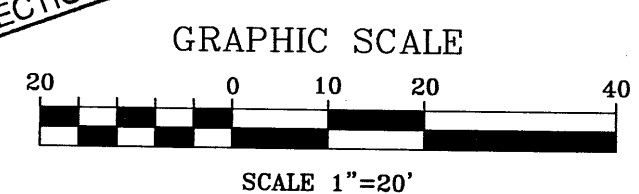
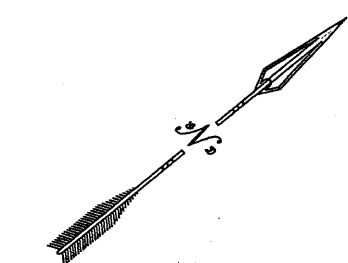


Tracts lettered H-1 and K-1, inclusive, of the plat for GATEWAY INDUSTRIAL PARK within the Town of Alameda Grant projected Sections 8 and 9, T10N, R3E NMPM, Bernalillo County, New Mexico.

1. SEE SHEET C4 FOR RETAINING WALL ELEVATIONS

2. SEE SHEET C5 FOR RETAINING WALL TYPICAL SECTIONS

3. SEE SHEET C4 FOR GRADING TYPICAL SECTIONS



	FLOW ARROW
	SWALE
	HYDRAULIC ANALYSIS POINT
	PROPOSED BASIN LINE AND DESIGNATION
	FLOWLINE ELEVATION
	RETAINING WALL
	RETAINING WALL POINT
	GRADE BREAK
	EXIST. EASEMENT
	PROPOSED EASEMENT
	PROPOSED STORM DRAIN LINE AND MANHOLE
	PROPOSED STORM DRAIN INLET

GND, LLC
CONSULTING ENGINEERS

5643 Paradise Blvd. NW
Albuquerque, NM 87114
Phone: (505)-899-6182
Fax: (505)-899-6184

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

GATEWAY II INDUSTRIAL PARK

GRADING AND DRAINAGE PLAN

LATEST DESIGN UPDATE	MONTH/DAY/YEAR	USER DEPARTMENT

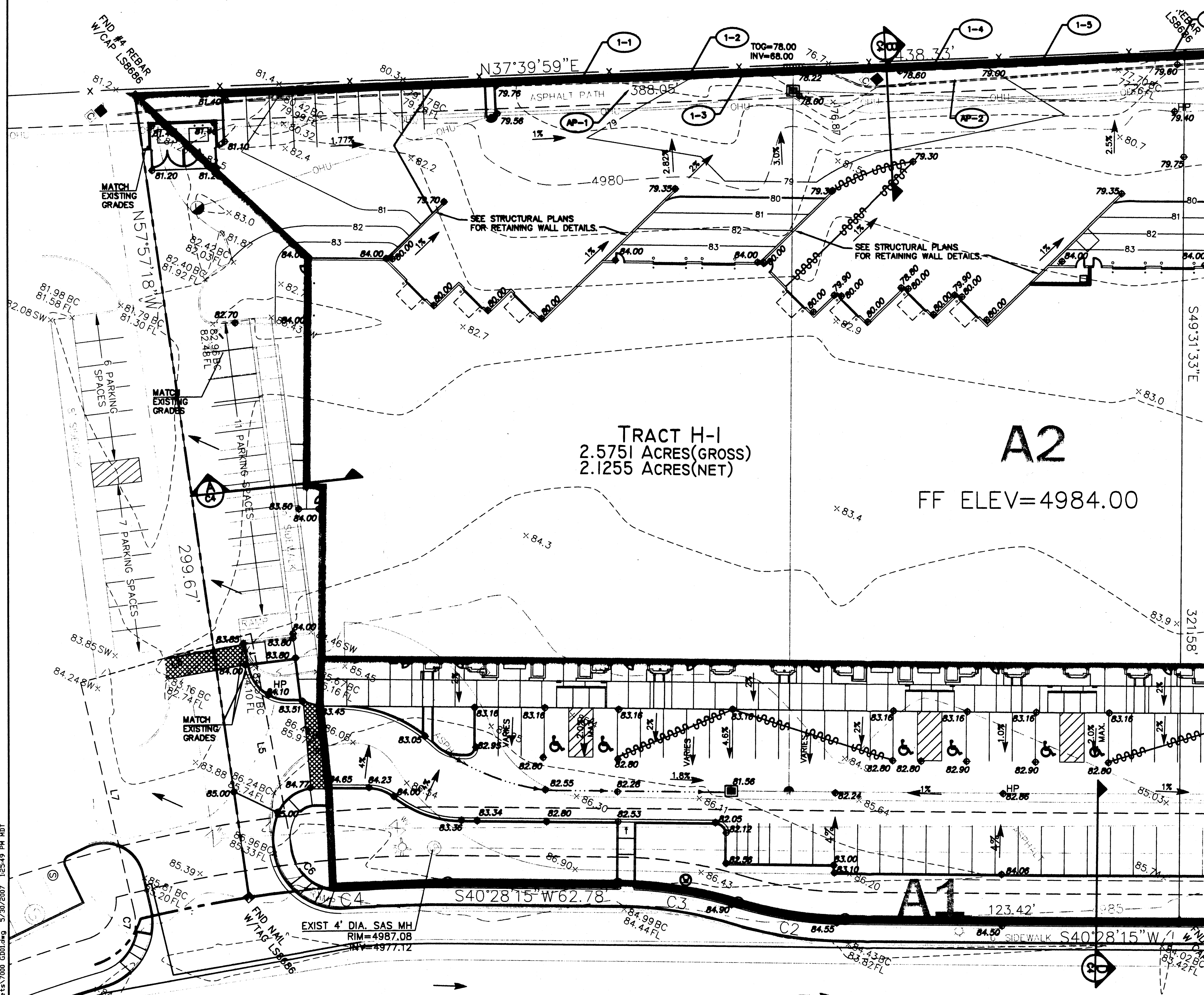
CITY PROJECT No.	ZONE MAP No.	SHEET
GND 7014	H-15-Z	

[illegible]

THE EXISTING SITE IS PREDOMINANTLY SILTY SANDS, LIGHTLY VEGETATED WITH VARIOUS GRASSES AND SHRUBS. THE SITE DRAINS IN A WESTERLY DIRECTION TO AN EXISTING DOWD GRATE TYPE "A" INLET. SHEET FLOWS ARE CONVEYED TO THE EXISTING INLET VIA AN ASPHALT SWALE. THE INLET THEN DISCHARGES TO THE EXISTING OFFSITE DETENTION FACILITY (CLAREMONT DETENTION BASIN) WHERE IT IS NOTED THAT THE SITE, THE SITE FALLS UNDER THE APPROVED DRAINAGE REPORT FOR THE METAL INDUSTRY PARK PREPARED BY MARK GOODWIN & ASSOCIATES, 1/4/2000. PER THIS REPORT, THE PROPOSED SITE HAS AN ALLOWABLE DISCHARGE RATE OF 23.12 CFS AT THE EXISTING INLET. THIS DISCHARGE RATE INCLUDES 18.72 cfs FOR ONSITE FLOWS AND 4.40 cfs FOR OFFSITE FLOWS (TRACT M-1).

THE PROPOSED SITE IMPROVEMENTS WILL INCLUDE THE CONSTRUCTION OF A SINGLE WAREHOUSE WITH ASSOCIATED INFRASTRUCTURE. ONSITE RUNOFF WILL CONTINUE TO DRAIN IN A WESTERLY DIRECTION VIA SHEET FLOW, VALLEY GUTTER, AND STORM DRAIN TO THE EXISTING STORM DRAIN OUTFALL. ONSITE DISCHARGE WILL BE 18.12 cfs. OFFSITE RUNOFF FROM TRACT M-1 WILL BE 4.40 cfs UNDER DEVELOPED CONDITIONS. TOTAL DISCHARGE TO THE ADJACENT DETENTION FACILITY WILL BE 22.52 cfs.

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.



BASINS	AREA (acres)	LAND TREATMENT PERCENTAGES BY TYPE				YIELD (cfs/ac)	Q ¹⁰ (cfs)	Q ⁹⁵ (cfs)	V ¹⁰⁻⁹⁵ (cfs)
		A	B	C	D				
A1	0.88	0	40	20	40	3.43	2.01	3.98	0.13
A2	2.17	0	80	10	10	2.81	3.84	7.87	0.25

*PRECIPITATION ZONE 2 WAS USED IN THE HYDROLOGIC ANALYSIS

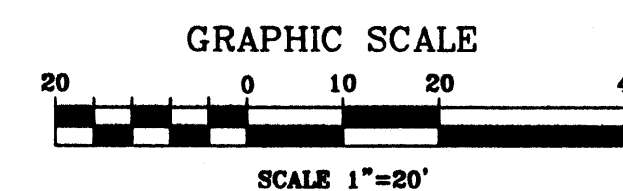
HYDROLOGIC DATA - DEVELOPED									
BASINS	AREA (acres)	LAND TREATMENT PERCENTAGES BY TYPE				YIELD (cfs/ac)	Q in (cfs)	Q out (cfs)	Y in-out (acft)
		A	B	C	D				
A1	1.04	0	10	0	90	4.47	3.00	4.84	0.20
A2	3.02	0	10	0	90	4.46	8.73	13.48	0.57

*PRECIPITATION ZONE 2 WAS USED IN THE HYDROLOGIC ANALYSIS

AP	DESCRIPTION	SLOPE (%)	Q ¹⁰⁰ (cfs)
AP-1	STREET FLOW	1.00%	6.74
AP-2	STREET FLOW	VARIES	3.37
AP-3	OFFSITE FLOW	VARIES	4.40
AP-4	SUMP	-	7.77

100

- ### LEGEND
- | | |
|---|--|
|  | FLOW ARROW |
|  | SWALE |
|  | HYDRAULIC ANALYSIS POINT |
|  | PROPOSED BASIN LINE
AND DESIGNATION |
|  | FLOWLINE ELEVATION |
|  | RETAINING WALL |
|  | RETAINING WALL POINT |
|  | GRADE BREAK |
|  | EXIST. EASEMENT |
|  | PROPOSED EASEMENT |
|  | PROPOSED STORM DRAIN
LINE AND MANHOLE |
|  | PROPOSED STORM DRAIN
MANHOLE |



GND, LLC
CONSULTING ENGINEERS

5643 Paradise Blvd. NW
Albuquerque, NM 87114
Phone: (505)-899-6182
Fax: (505)-899-6184

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

GATEWAY II INDUSTRIAL PARK

GRADING AND DRAINAGE PLAN

MONTH/DAY/YEAR	USER DEPARTMENT
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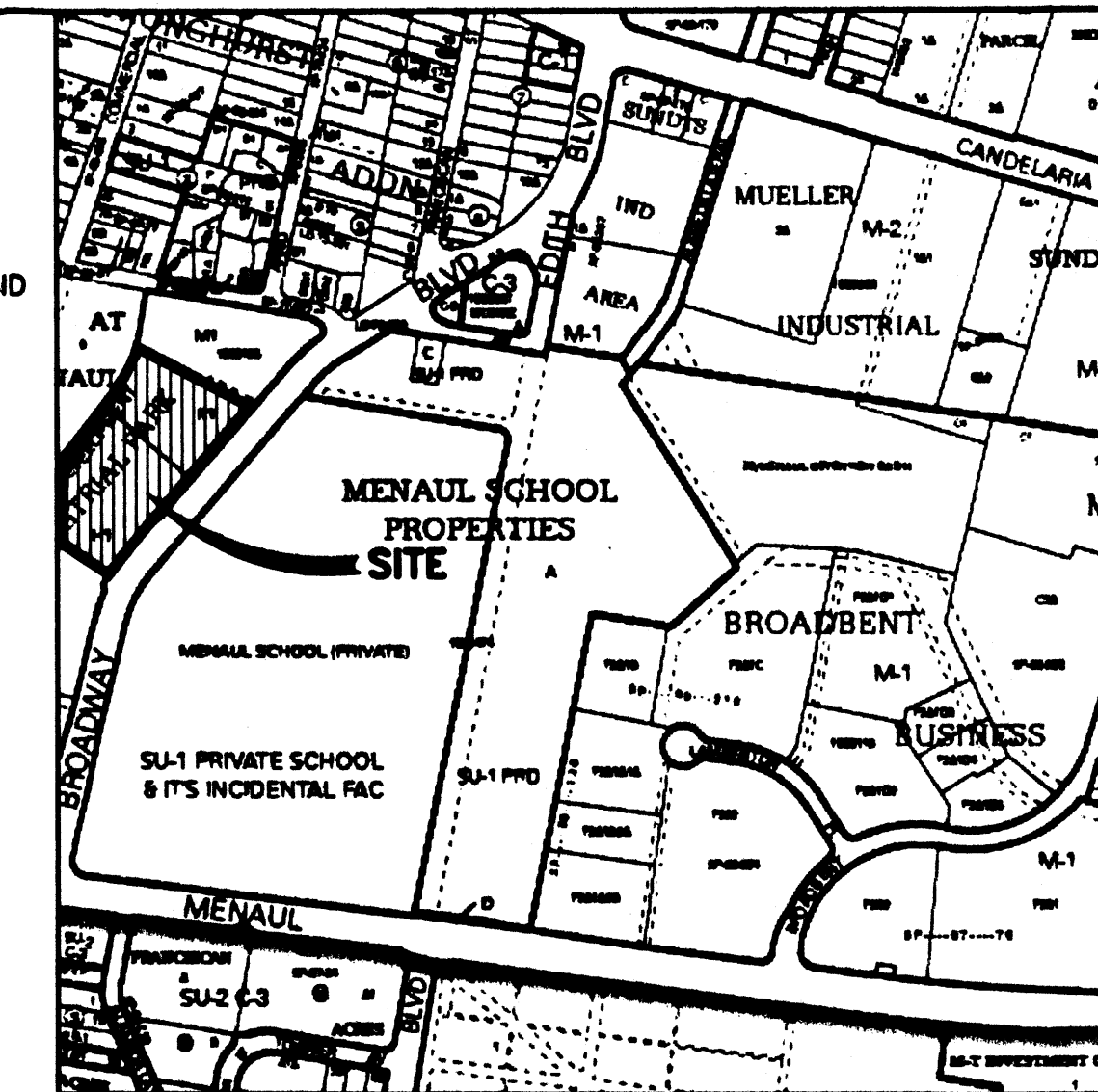
DESIGN E			

[illegible]

LATE

AUG 1968

CITY PROJECT NO.	ZONE MAP NO.	SHEET
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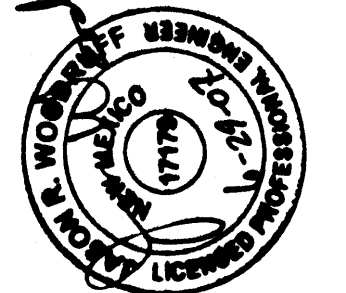
VICINITY MAP



FIRM MAP

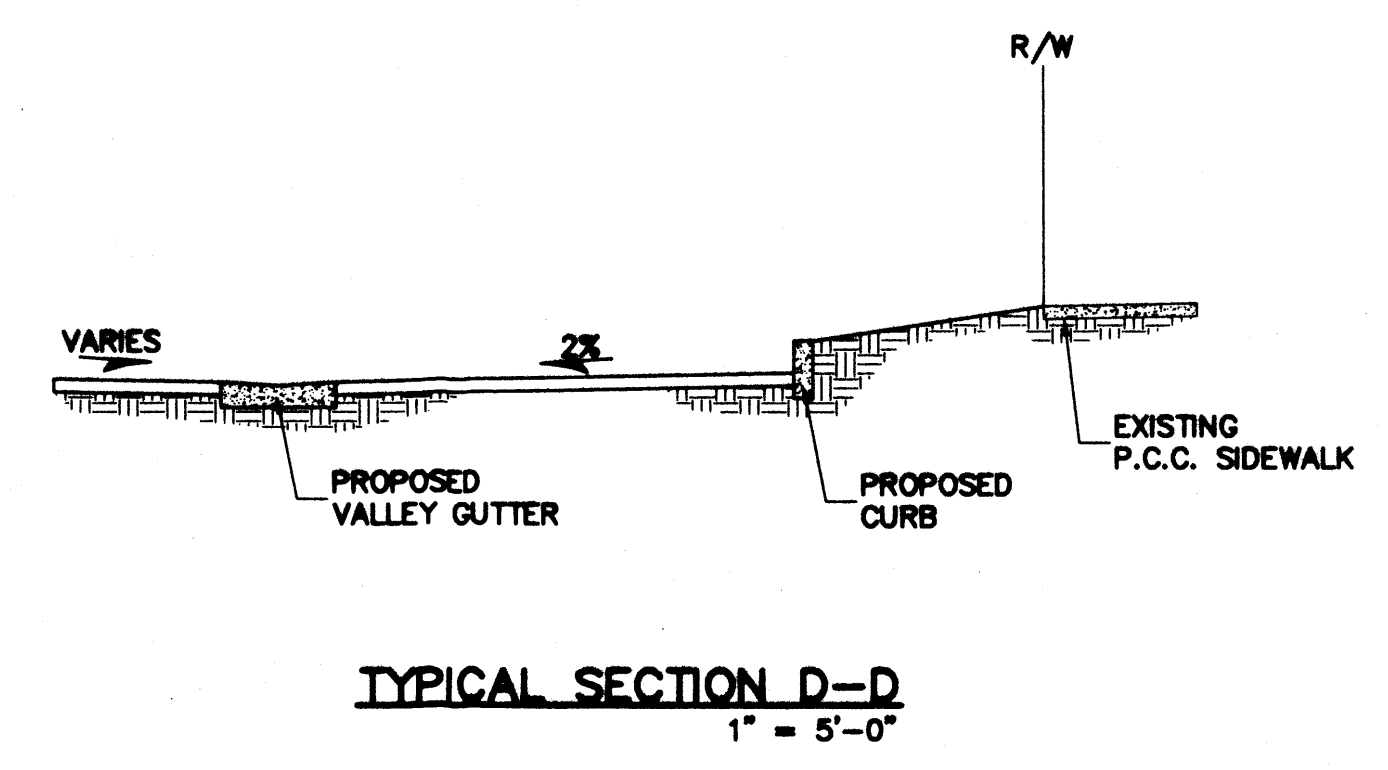
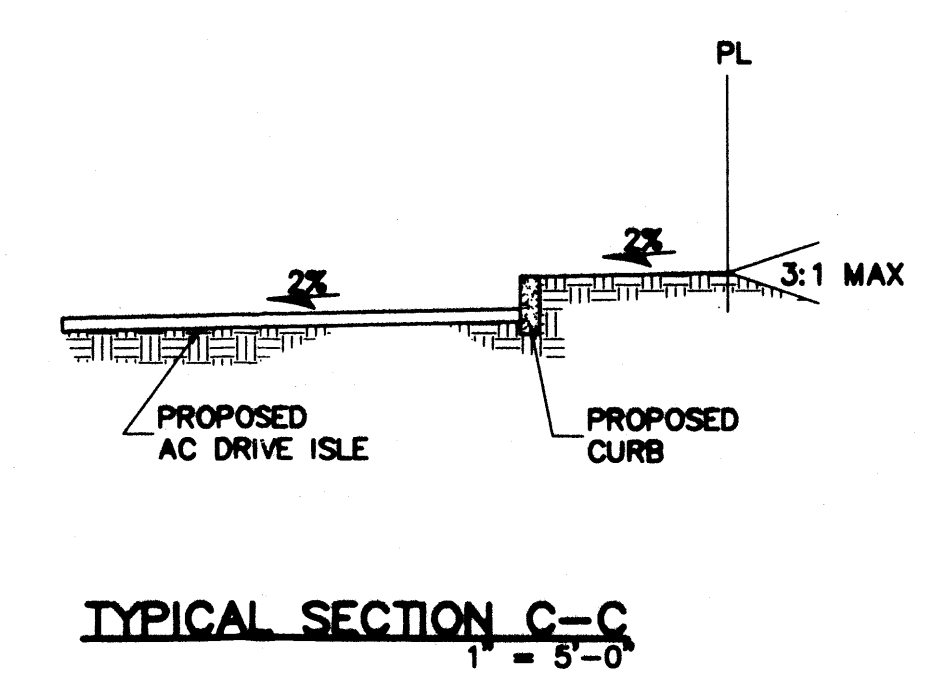
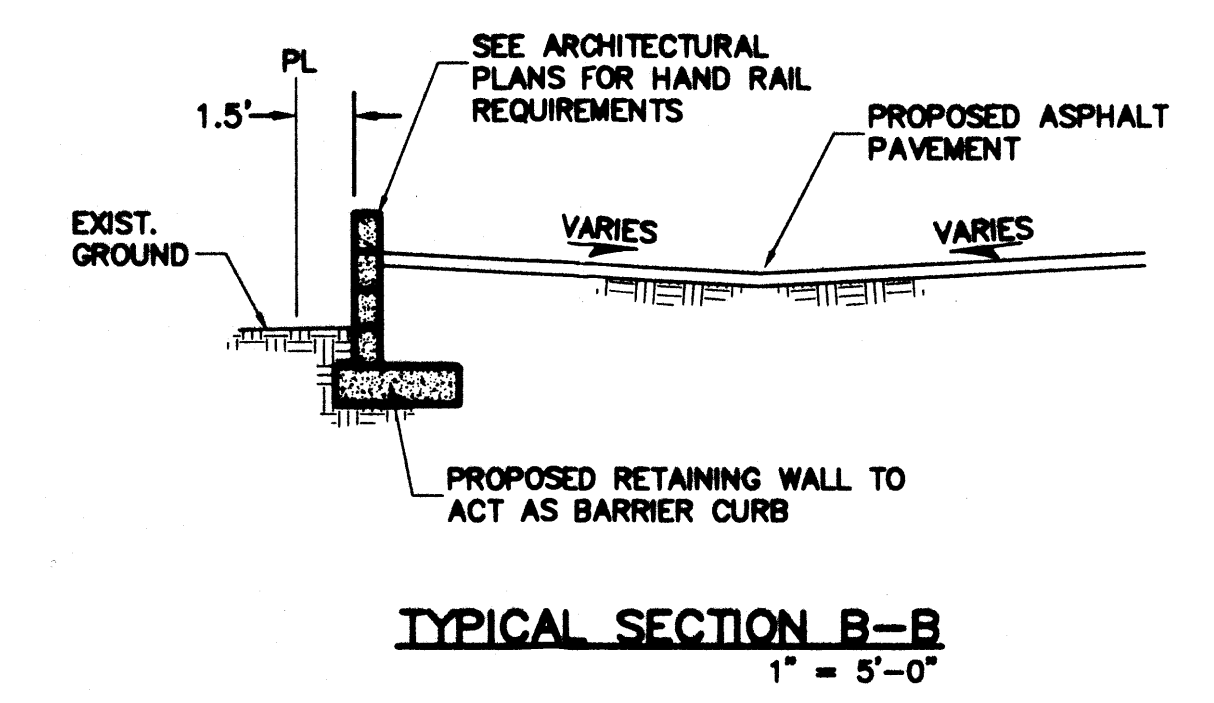
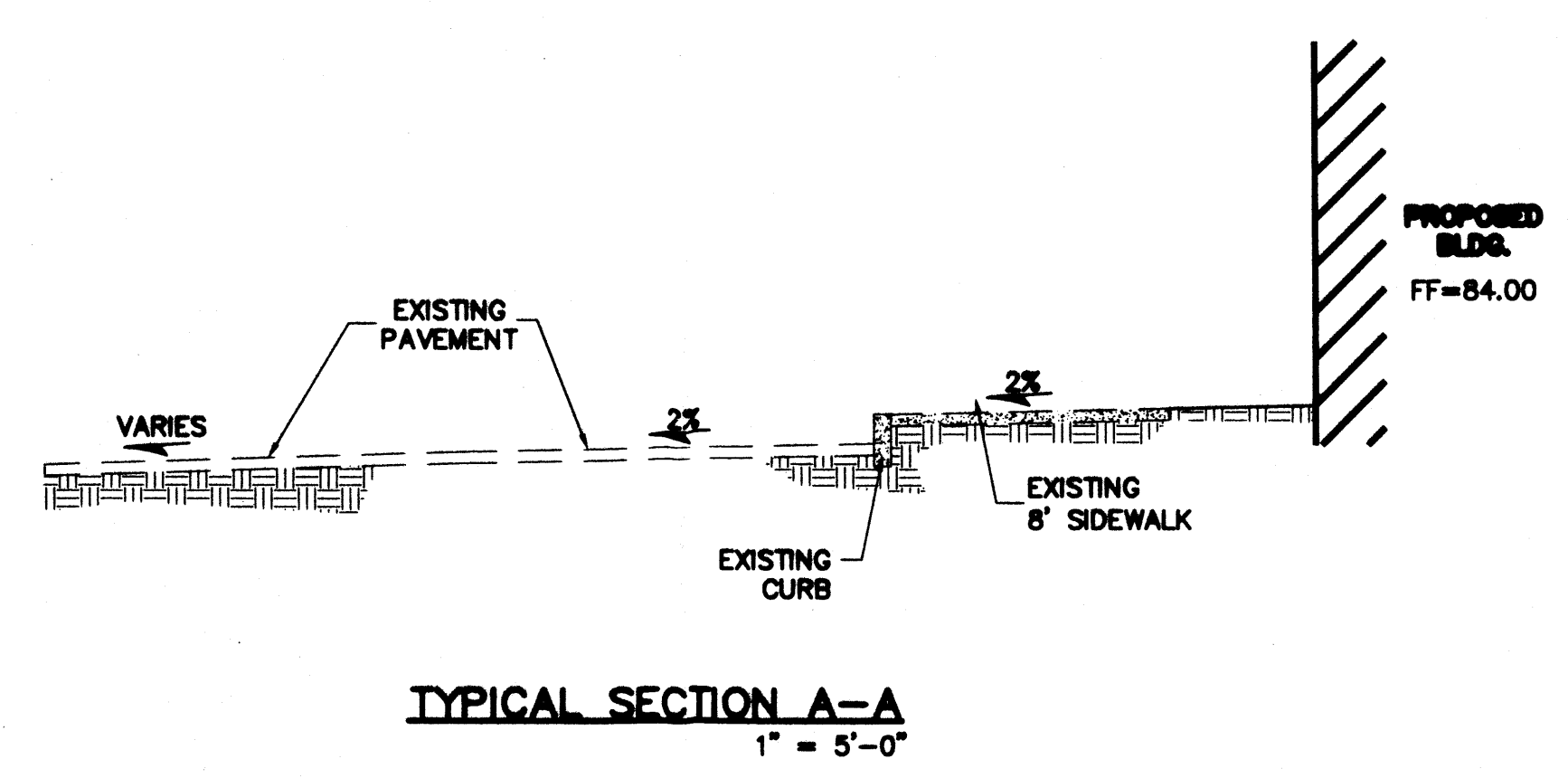
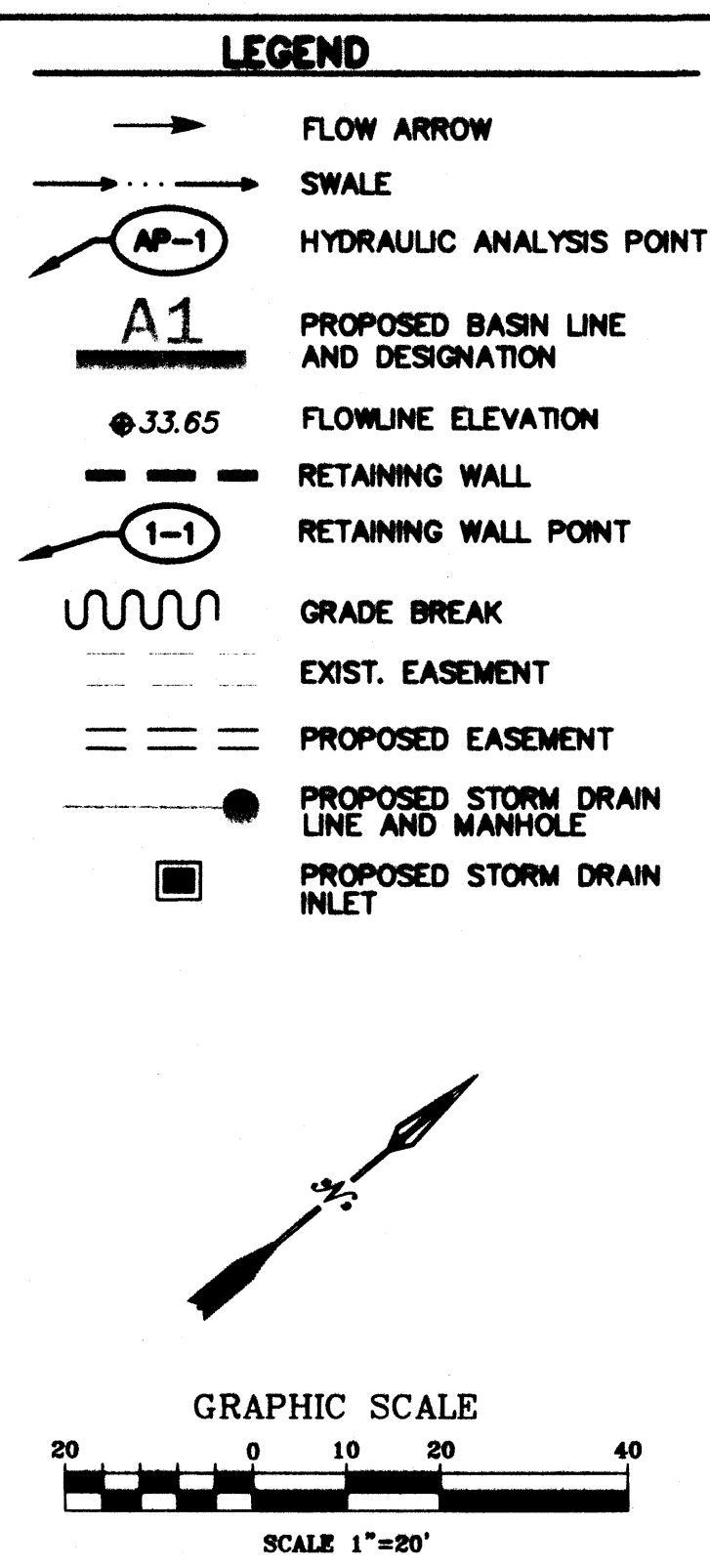
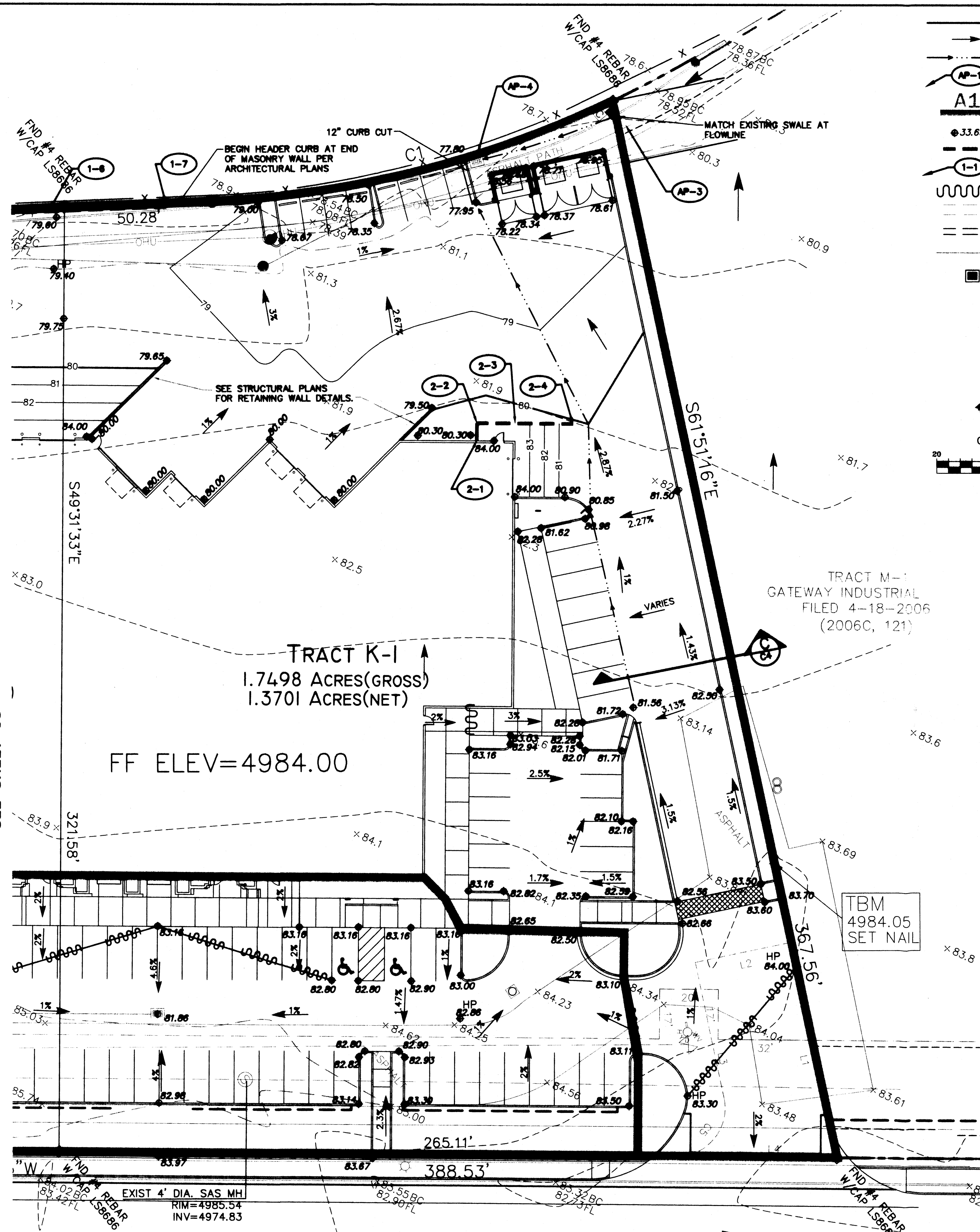
Tracts lettered H-1 and K-1, inclusive, of the plat for GATEWAY INDUSTRIAL PARK within the Town of Alameda Grant projected Sections 8 and 9, T10N, R3E NMPM, Bernalillo County, New Mexico.

1. SEE SHEET C4 FOR RETAINING WALL ELEVATIONS
2. SEE SHEET C5 FOR RETAINING WALL TYPICAL SECTIONS
3. SEE SHEET C4 FOR GRADING TYPICAL SECTIONS

[illegible]

TAPOBCTS7014.CAD\SHEETS\7014_CDDIA.dwg 6/26/2007 11:59:42 AM WDT

SEE SHEET C3



RETAINING WALL TABLE

WALL POINT	TOP OF WALL ELEVATION	TOP OF FTG. ELEVATION	WALL HEIGHT (FT.)	APPROX. DIST. (FT.)
1-1	78.00	77.33	2.67	40
1-2	80.00/80.00	77.33/76.67	3.33	20
1-3	80.00/79.33	76.67/76.00	3.33-4.00	70
1-4	80.00/80.00	76.00/76.00	4.00	40
1-5	80.00/80.00	76.00/76.67	3.33	48
1-6	80.00/80.00	76.67/77.33	2.67	40
1-7	80.00/	77.33/		
2-1	78.00	77.33		
2-2	84.00/84.00	79.33/79.33	4.67	6
2-3	84.00/84.00	78.33/79.33	4.67	13
2-4	80.67/	79.33/	4.67-1.33	20

GND, LLC
CONSULTING ENGINEERS

5643 Paradise Blvd. NW
Albuquerque, NM 87114
Phone: (505) 899-6182
Fax: (505) 899-6184

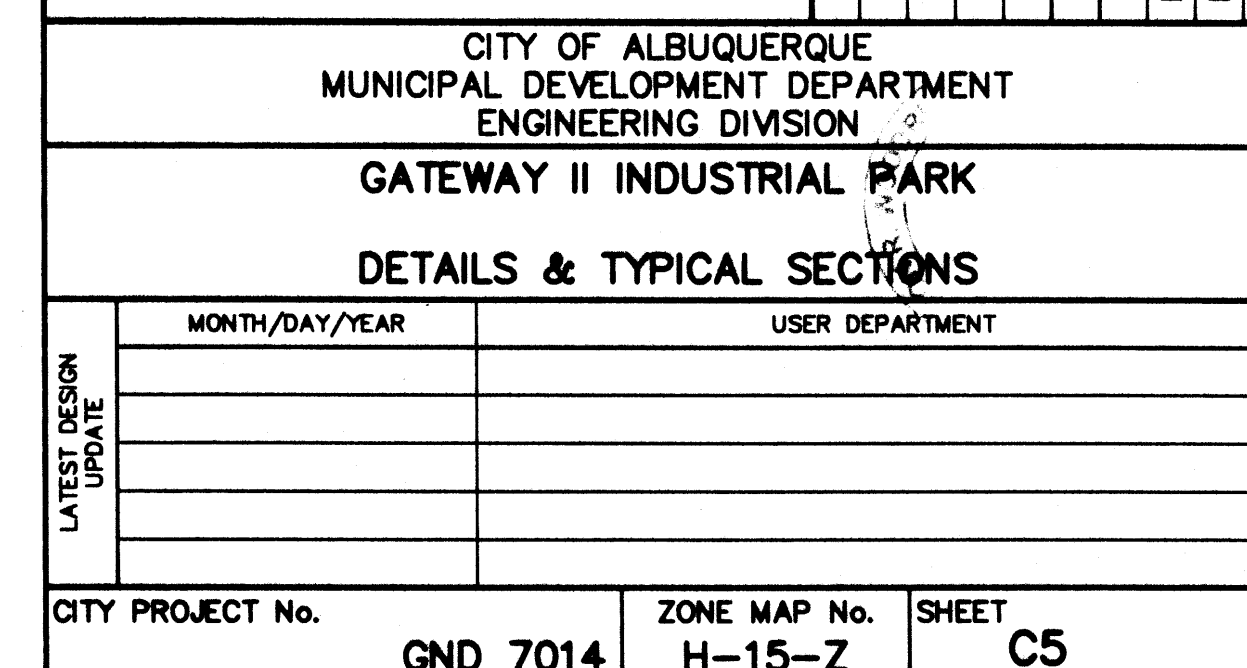
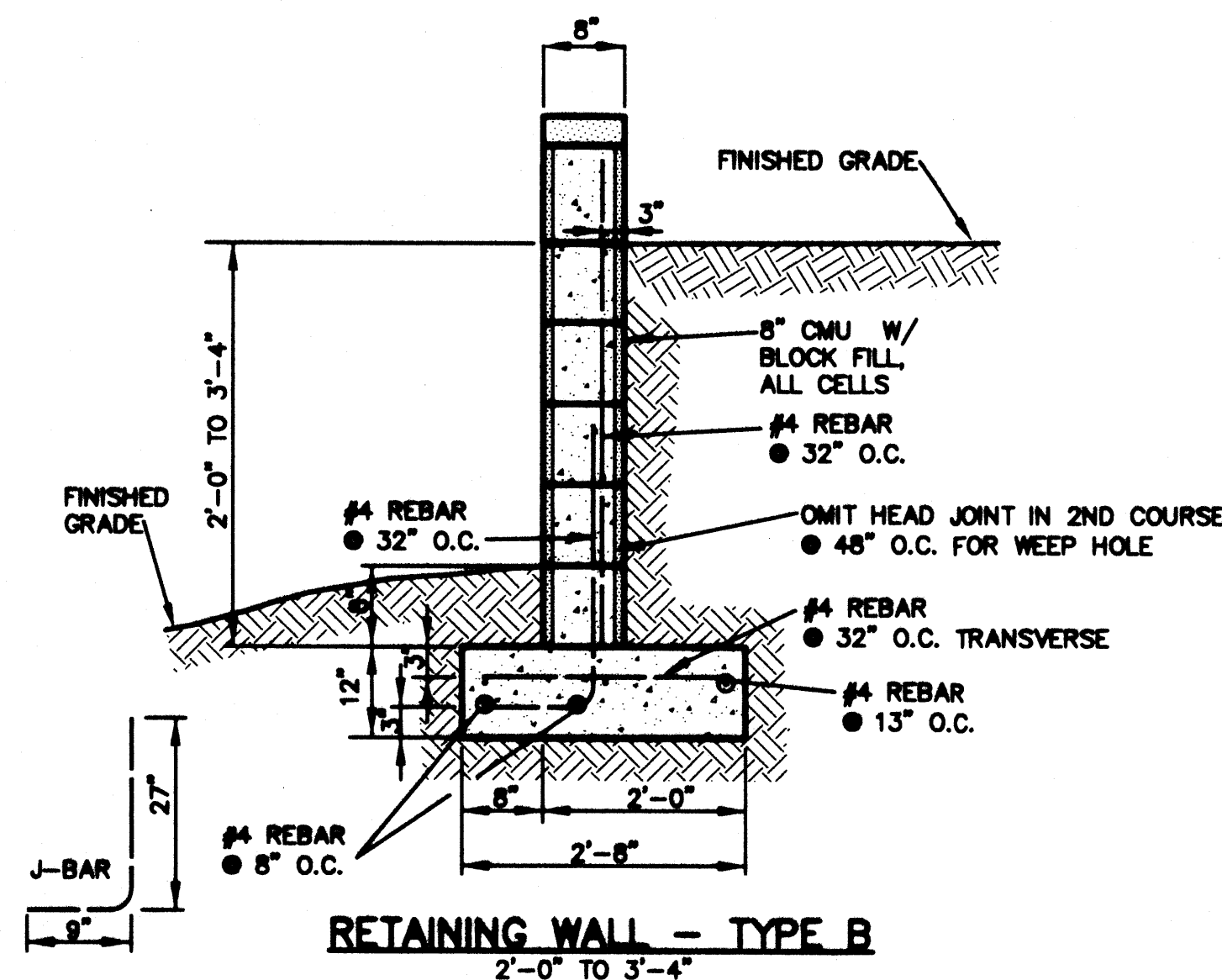
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

**GATEWAY II INDUSTRIAL PARK
GRADING AND DRAINAGE PLAN,
TYPICAL SECTIONS AND DETAILS**

MONTH/DAY/YEAR	USER DEPARTMENT

CITY PROJECT No. **GND 7014** ZONE MAP No. **H-15-Z** SHEET **C4**

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION			
CONTRACTOR	DATE	INSPECTOR	DATE	ACS MONUMENT	DATE	FIELD BY	NO.	ENGINEER'S SEAL	REVISIONS	DESIGNED BY	CHECKED BY
WORK BY	DATE	DATE	DATE	X = 383387.65	Y = 1500747.69	DATE				DATE: JUN 2007	DATE: JUN 2007
DATE	DATE	DATE	DATE	GROUND TO GRID = 0.99967781	DELTA ALPHA = -00°13'28"					DATE: JUN 2007	DATE: JUN 2007
DATE	DATE	DATE	DATE	NEW MEXICO STATE PLANE	CENTRAL ZONE					DATE: JUN 2007	DATE: JUN 2007
DATE	DATE	DATE	DATE	COORDINATE SYSTEM	NAD 1927						



LEGEND

NEW

EXISTING

WATERLINE

SANITARY SEWER LINE

STORMDRAIN LINE

FORCE MAIN

PUBLIC UTILITY EASEMENT

OVERHEAD UTILITIES

WATER VALVE

REDUCER

FIRE HYDRANT

SINGLE WATER SERVICE

SAS MANHOLE

STORM DRAIN MANHOLE

SANITARY SEWER SERVICE W/ CO

STORM DRAIN INLET

POWER POLE



EASEMENT NOTES

Ⓐ Existing 10' PUE per plat of July 5, 2000, Book 2000C, page 173.

ⓑ Existing 10' Private Drainage Easement intended to benefit Tracts C through K. Each individual property owner shall be responsible for maintaining the portion of the Easement fronting Grantee's respective tract. Book 2000C, page 173.

© Existing Public Waterline and Sanitary Sewer Easement granted to the City of Albuquerque, Book 2000C, page 173.

Ⓓ Existing private access easement intended to benefit existing Tracts A through M, including Tract C. Each individual property owner shall be responsible for maintaining the portion of the easement fronting respective Tract, Book 2000C, page 173.

Private reciprocal access easement per plat filed October 17, 2005, Book 2005C, page 345, to benefit Tracts K-1, L and M, and is to be maintained by owner of Tract K-1.

Ⓔ Private reciprocal access easement per plat filed October 17, 2005, Book 2005C, page 345, to benefit Tracts H-1 and E-1, and is to be maintained by owner of Tract H-1 and Tract E-1.

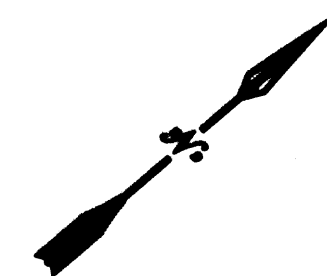
A Reciprocal private cross-access easement exists across the original Tracts A through M and is to be maintained by said tract owners, Book 2000C, page 173.

NOTES

WATER AND SANITARY SEWER LOCATIONS ARE ONLY ROUGH APPROXIMATIONS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITY LOCATIONS.

CONTRACTOR IS RESPONSIBLE FOR VERIFYING DEPTH OF WATER LINES AND, IF NECESSARY, RELOCATING TO ENSURE 4' BURY DEPTH THROUGHOUT PROJECT. SEE UTILITY PLAN FOR DETAILS.

CONTRACTOR IS RESPONSIBLE FOR ADJUSTING
MANHOLE RIMS AND VALVE BOXES AS
NECESSARY. SEE UTILITY PLAN FOR DETAILS.



GRAPHIC SCALE

SCALE 1"=30'

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CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

GATEWAY II INDUSTRIAL PARK STORM DRAIN PLAN

LATEST DESIGN UPDATE	MONTH/DAY/YEAR	USER DEPARTMENT		
CITY PROJECT No.		ZONE MAP No.	SHEET	
GND 7014		H-15-7	C6	