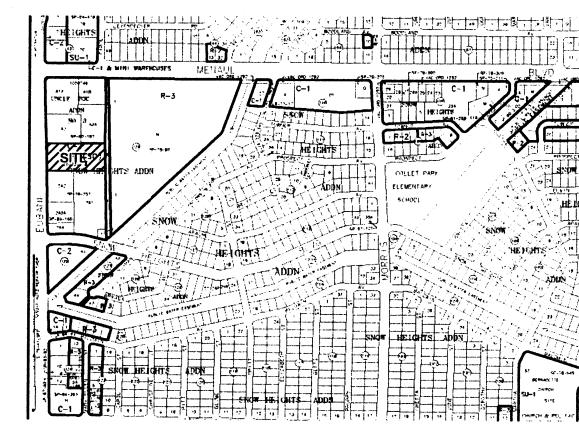


SECTION

SIDEWALK CULVERT



### H-21-Z

# VICINITY MAP

PROJECT
CHARTER BANK ADDITION 2130 EUBAK BLVD.

LEGAL DESCRIPTION: LOT 1A, BLOCK 129 SNOW HEIGHTS

EXISTING SPOT ELEVATION • 51.00 NEW SPOT ELEVATION

FLOW LINE GROUND **INVERT** TOP OF ASPHALT TOP OF CURB TOP OF GRATE TOP OF CONCRETE SLAB TOP OF WALL TEMPORARY BENCH MARK

CONCRETE

**GRAVEL** ASPHALT PAVING

**BUILDING & SAFETY** 

JUN 0 5 2006

I .R.C. PLAN CHECK SECTION

THE PROPOSED IMPROVEMENTS AS SHOWN BY THE VICINITY MAP, ARE LOCATED ON

THE EAST SIDE OF EUBANK BOULEVARD SOUTH OF THE MENAUL BOULEVARD. THE

SITE IS DEVELOPED. THE SITE DOES NOT LIE WITHIN A FLOOD HAZARD ZONE. THE

THE PREVIOUS DRAINAGE PLAN PREPAIRED BY ISAACSON AND ARFMAN ESTABLISHED

THE PROPOSED IMPROVEMENTS CONSIST OF AN ADDITION TO THE EXISTING OFFICE

PREVIOUS DRAINAGE PLAN ASSUMED THE SITE TO BE FULLY DEVELOPED (90%

THE CALCULATIONS ANALYZE THE EXISTING AND PROPOSED CONDITIONS FOR

V = 2.32 (2.50) / 12 = 0..502 ACRE FEET (21,074 CF)

CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL VOLUME II.

PRECIPITATION ZONE = 4 AREA = 2.50 ACRES

Q = [2.92(0.10) + 5.25(0.9)](2.50) = 12.54 CFS

 $C = 0.90 P_{100} = 2.5 INCHES I_{100} = 5.88 CFS$ 

V = 0.9(2.50)(108,909)(0.0833) = 20,412 CUBIC FEET

Q =12.46/2.50=5.02 CFS/ACRE

EXISTING CONDITIONS (PREVIOUS DRAINAGE PLAN)

LAND TREATMENT B=10% D=90%

Q = 0.90(5.88) (2.50) = 13.23 CFS

LAND TREATMENT B=10% D=90%

E = 0.1(1.08) + 0.9(2.46) = 2.32 INCHES

BUILDING WITH MINOR REVISIONS TO THE EXISTING PARKING AND LANDSCAPING. THE

IMPERVIOUS AREA). THE EXISITNG RATE OF DISCHARGE IS 14.8 CFS (5.0 CFS/ACRE).

6-HOUR, 100 YEAR RAINFALL EVENT. THE ANALYSIS IS IN ACCORDANCE WITH THE

LANDS SUROUNDING THE SITE ARE DEVELOPED AND ACCEPTS OFFSITE FLOWS.

FREE DISCHARGE OF STROM WATER FROM THE SITE.

REVISED CALCULATIONS PER DPM

BENCH MARK: CITY OF ALBUQUERQUE BRASS CAP 1-H21 ELEVATION 5492.85 FT

**CONSULTANTS** 

CLAUDIO

ARCHITECTS

801 Rio Grande Boulevard, N.W

Albuquerque, New Mexico

Phone: (505) 842-1113

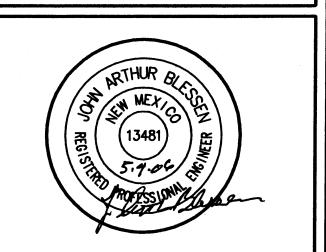
Fax: (505) 842-1330

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PROFESSIONAL SEAL



CHARTER BANK

ADDITION AND TENANT IMPROVEMENT 2130 EUBANK, NE ALBUQUERQUE, NEW MEXICO

MARK DATE

PROJECT NUMBER: DRAWING FILE: 5285 CHARTERBANK-C102-GRO.DV DRAWN BY: COPYRIGHT: CLAUDIO VIGIL ARCHITECTS 2005 MAY 4, 2006

DESCRIPTION

SHEET TITLE

**GRADING PLAN** 

SHEET NUMBER C-102

GRADING PLAN

**CONSTRUCTION NOTES** 

1. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL FOR

2. ALL WORK WITHIN THE CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH

3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL STATE, AND LOCAL REGULATIONS, LAWS, AND RULES CONCERNING SAFETY AND HEALTH.

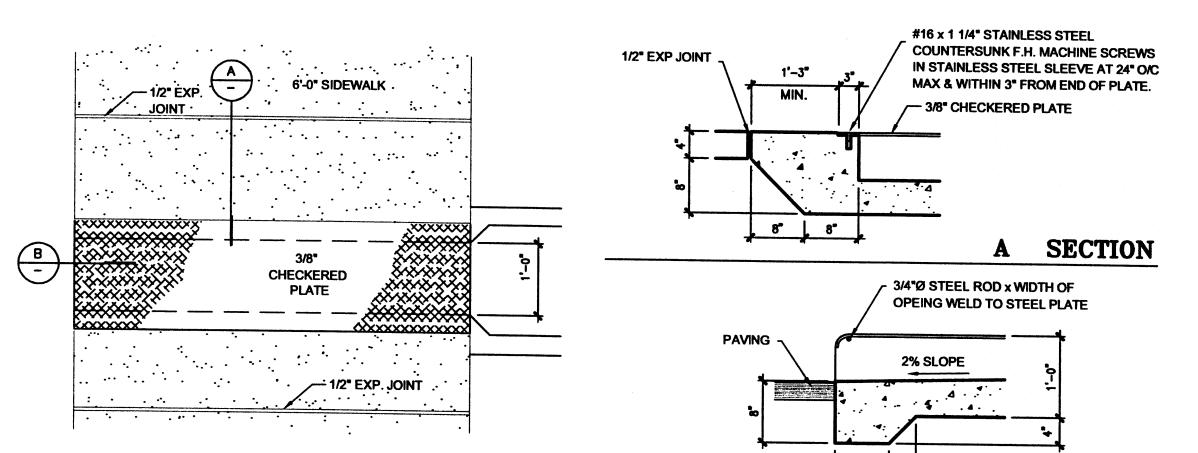
AND INFORM THE ARCHITECT/ ENGINEER OF ANY DISCREPANCY BETWEEN THE

SURVEY FOR ENGINEER'S CERTIFICATION.

FLOW LINE, PIPE INVERTS, ETC.), ON THE RECORD SET. THE RECORD SET SHALL BE MAINTAINED ON THE PROJECT SITE AND SHALL BE AVAILABLE TO THE OWNER AND

PRIOR TO BÉGINNING OF CONSTRUCTION.

8. CONTRACTOR SHALL COMPLY WITH STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SPECIFIC TO THIS PROJECT.



**PLAN** 

**B1** 

SCALE: 1" = 20'

SCALE: NOT TO SCALE

FACILITY ACCESSIBILITY ALL SURFACES ALONG THE ACCESSIBLE ROUTE SHALL COMPLY WITH ANSI

WALKING SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 WITH A CROSS SLOPE NOT STEEPER THAN 1:48.

CURB RAMP AND RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 WITH A CROSS SLOPE NOT STEEPER THAN 1:48. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP OR ACCESSIBLE ROUTE SHALL NOT BE STEEPER THAN 1:20. TRANSITIONS FROM RAMPS TO WALKS, GUTTERS OR STREETS SHALL BE AT THE SAME LEVEL. WHERE PEDESTRIANS MUST WALK ACROSS A CURB RAMP, THE RAMP SHALL HAVE FLARED SIDES WITH SLOPES NOT STEEPER THAN 1:10: WHERE THE TOP OF THE RAMP PARALLEL TO THE RUN OF THE RAMP IS LESS THAN 48 INCHES WIDE, THE FLARED SIDES SHALL HAVE A SLOPE NOT STEEPER THAN 1:12.

HANDICAP PARKING SPACES AND ACCESS AISLES SHALL HAVE SURFACE SLOPES NOT STEEPER THAN 1:48. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE. TRAFFIC CONTROL

THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TRAFFIC CONTROL PLANS AND DEVICES. ALL SIGNS, BARRICADES, CHANNELIZATION DEVICES, SIGN FRAMES AND ERECTION OF SUCH DEVICES SHALL CONFORM THE THE REQUIREMENTS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" LATEST EDITION. PRIOR TO CONSTRUCTION PRIOR TO CONSTRUCTION, THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED AND APPROVED BY THE GOVERNING AUTHORITY.

THE APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

4. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERITY THE EXISTING SITE CONDITIONS

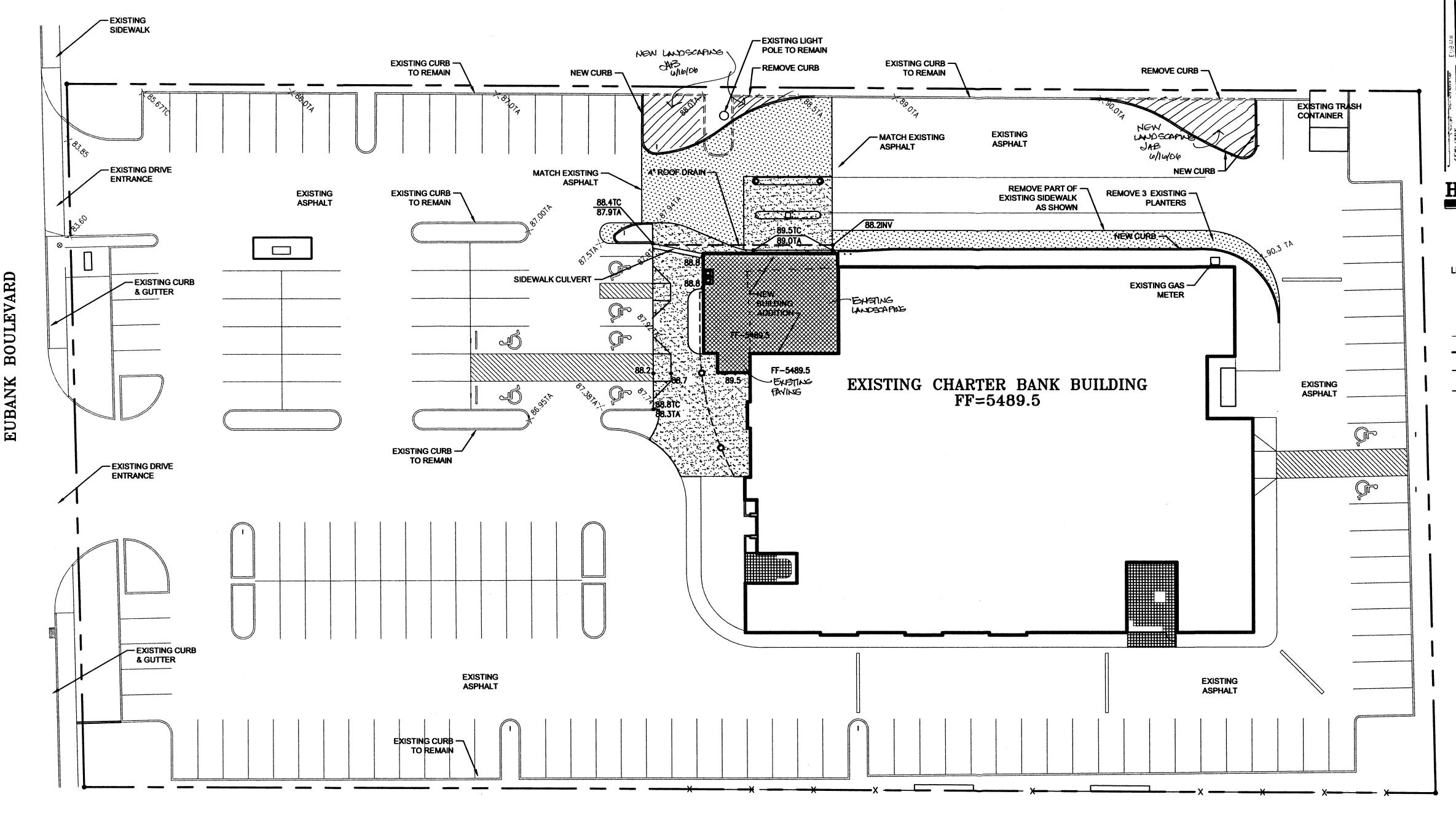
6. THE CONTRACTOR SHALL MAINTAIN A RECORD DRAWING SET OF PLANS AND PROMPTLY

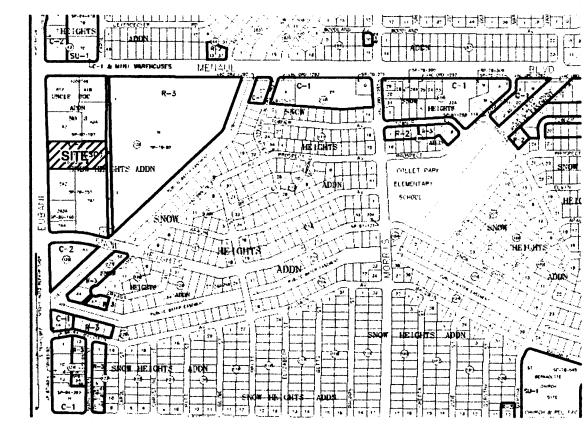
ARCHITECT AT ANY TIME DURING CONSTRUCTION. UPON COMPLETION OF THE PROJECT, THE RECORD SET SHALL BE TURNED OVER TO THE OWNER. 7. THE OWNER / CONTRACTOR SHALL SUBMIT A NOTICE OF INTENT (NOI) TO THE EPA

LOCATION OF EXISTING UTILITIES.

INFORMATION SHOWN ON THE PLANS AND THOSE OF THE EXISTING SITE. 5. THE CONTRACTOR SHALL PROVIDE THE ARCHITECT / ENGINEER WITH AN AS BUILT

LOCATE EXISTING AND NEW ELEVATIONS (FINISH FLOORS, TOPS OF CURBS AND ASPHALT,





H - 21 - Z

PROJECT CHARTER BANK ADDITION LEGAL DESCRIPTION: LOT 1A, BLOCK 129 SNOW HEIGHTS BENCH MARK: CITY OF ALBUQUERQUE BRASS CAP 1-H21 2130 EUBAK BLVD. ELEVATION 5492.85 FT

LEGEND:

EXISTING SPOT ELEVATION 51.00 NEW SPOT ELEVATION

GROUND INVERT TOP OF ASPHALT TOP OF CURB

TOP OF WALL TEMPORARY BENCH MARK GRAVEL

ASPHALT PAVING

CONCRETE

TOP OF GRATE

TOP OF CONCRETE SLAB

JUN 1 9 2006

HYDROLOGY SECTION

JN 1 9 7006

THE PROPOSED IMPROVEMENTS AS SHOWN BY THE VICINITY MAP, ARE LOCATED ON

THE EAST SIDE OF EUBANK BOULEVARD SOUTH OF THE MENAUL BOULEVARD. THE

THE PROPOSED IMPROVEMENTS CONSIST OF AN ADDITION TO THE EXISTING OFFICE

IMPERVIOUS AREA). THE EXISTING RATE OF DISCHARGE IS 14.8-CFS (5.0-CFS/ACRE).

6-HOUR, 100 YEAR RAINFALL EVENT. THE ANALYSIS IS IN ACCORDANCE WITH THE

PREVIOUS DRAINAGE PLAN ASSUMED THE SITE TO BE FULLY DEVELOPED (90%

THE CALCULATIONS ANALYZE THE EXISTING AND PROPOSED CONDITIONS FOR

V = 2.32 (2.50) / 12 = 0..502 ACRE FEET (21,074 CF) Q = [2.92(0.10)+5.25(0.9)](2.50)=12.54 CFS

V = 0.9(2.50)(108,909)(0.0833) = 20,412 CUBIC FEET

CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL VOLUME II.

REVISED CALCULATIONS PER DPM (PROPOSED)

LAND TREATMENT B=10% D=90%

E = 0.1(1.08) + 0.9(2.46) = 2.32 INCHES

Q =12.46/2.50=5.02 CFS/ACRE

 $C = 0.90 P_{100} = 2.5 INCHES I_{100} = 5.88 CFS$ 

EXISTING CONDITIONS (PREVIOUS DRAINAGE PLAN)

LAND TREATMENT B=10% D=90%

Q = 0.90(5.88) (2.50) = 13.23 CFS

**CALCULATIONS** 

PRECIPITATION ZONE = 4

BUILDING WITH MINOR REVISIONS TO THE EXISTING PARKING AND LANDSCAPING. THE

BOLOGY SECTION

ALDUCUERQUE

**BUILDING & SAFETY** 

JUN n 5 2006

I .B.C. PLAN CHECK SECTION

13,23 CFS (5,30FS,ACRE)

EXISTING!

HARD SUBFA

LANDSCAPING

PATIO APE

VERTUALLY

THE SAME

METHOD OF

CALCULATION

HAS CHANGE

ENETILE

CALCULATEL

SINCE

AREA = 2.50 ACRES (108,873 SF)

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ARCHITECTS

Rio Grande Boulevard, N.W.

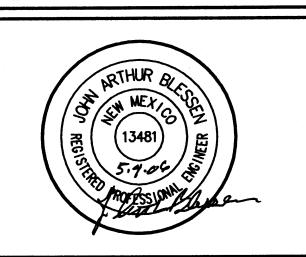
Albuquerque, New Mexico

Phone: (505) 842-1113

Fax: (505) 842-1330

CONSULTANTS

PROFESSIONAL SEAL



CHARTER BANK

ADDITION AND TENANT IMPROVEMENT

2130 EUBANK, NE ALBUQUERQUE, NEW MEXICO

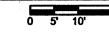
MARK DATE DESCRIPTION PROJECT NUMBER: DRAWING FILE: 5285 CHARTERBANK-C102-GFD.DM DRAWN BY: CHECK BY: COPYRIGHT: CLAUDIO VIGIL ARCHITECTS, 2005

> SHEET TITLE GRADING PLAN

MAY 4, 2006

C-102

GRADING PLAN



**CONSTRUCTION NOTES** 

THE APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

STATE, AND LOCAL REGULATIONS, LAWS, AND RULES CONCERNING SAFETY AND HEALTH.

Information shown on the plans and those of the existing site.

5. THE CONTRACTOR SHALL PROVIDE THE ARCHITECT / ENGINEER WITH AN AS BUILT SURVEY FOR ENGINEER'S CERTIFICATION.

LOCATE EXISTING AND NEW ELEVATIONS (FINISH FLOORS, TOPS OF CURBS AND ASPHALT, FLOW LINE, PIPE INVERTS, ETC.), ON THE RECORD SET. THE RECORD SET SHALL BE MAINTAINED ON THE PROJECT SITE AND SHALL BE AVAILABLE TO THE OWNER AND ARCHITECT AT ANY TIME DURING CONSTRUCTION. UPON COMPLETION OF THE PROJECT.

7. THE OWNER / CONTRACTOR SHALL SUBMIT A NOTICE OF INTENT (NOI) TO THE EPA PRIOR TO BEGINNING OF CONSTRUCTION.

1. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL FOR LOCATION OF EXISTING UTILITIES.

3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL,

AND INFORM THE ARCHITECT/ ENGINEER OF ANY DISCREPANCY BETWEEN THE

6. THE CONTRACTOR SHALL MAINTAIN A RECORD DRAWING SET OF PLANS AND PROMPTLY

THE RECORD SET SHALL BE TURNED OVER TO THE OWNER.

SITE IS DEVELOPED. THE SITE DOES NOT LIE WITHIN A FLOOD HAZARD ZONE. THE 2. ALL WORK WITHIN THE CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH LANDS SUROUNDING THE SITE ARE DEVELOPED AND ACCEPTS OFFSITE FLOWS. THE PREVIOUS DRAINAGE PLAN PREPAIRED BY ISAACSON AND ARFMAN ESTABLISHED FREE DISCHARGE OF STROM WATER FROM THE SITE.

4. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERITY THE EXISTING SITE CONDITIONS

8. CONTRACTOR SHALL COMPLY WITH STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SPECIFIC TO THIS PROJECT.

Qexist = 13.23 ets Qprop = 12.54 efs

8" 8"

**PAVING** 

**PLAN** SCALE: NOT TO SCALE

1/2" EXP JOINT

**B1** 

SCALE: 1" = 20'

~1/2" EXP. -

6'-0" SIDEWALK

CHECKERED

— 1/2" EXP. JOINT .

\*\*\*\*

\*\*\*\*

LATEST EDITION. PRIOR TO CONSTRUCTION PRIOR TO CONSTRUCTION, THE TRAFFIC SECTION CONTROL PLAN SHALL BE SUBMITTED AND APPROVED BY THE GOVERNING AUTHORITY. SIDEWALK CULVERT

#16 x 1 1/4" STAINLESS STEEL

- 3/8" CHECKERED PLATE

- 3/4"Ø STEEL ROD x WIDTH OF

2% SLOPE

OPEING WELD TO STEEL PLATE

**COUNTERSUNK F.H. MACHINE SCREWS** 

MAX & WITHIN 3" FROM END OF PLATE.

IN STAINLESS STEEL SLEEVE AT 24" O/C

SECTION

FACILITY ACCESSIBILITY

SLOPE NOT STEEPER THAN 1:48.

PARKING SPACES THEY SERVE.

TRAFFIC CONTROL

ALL SURFACES ALONG THE ACCESSIBLE ROUTE SHALL COMPLY WITH ANSI

WALKING SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. THE RUNNING

SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 WITH A CROSS

CURB RAMP AND RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN

ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB

WHERE PEDESTRIANS MUST WALK ACROSS A CURB RAMP, THE RAMP SHALL HAVE

FLARED SIDES WITH SLOPES NOT STEEPER THAN 1:10: WHERE THE TOP OF THE

FLARED SIDES SHALL HAVE A SLOPE NOT STEEPER THAN 1:12.

RAMP PARALLEL TO THE RUN OF THE RAMP IS LESS THAN 48 INCHES WIDE, THE

HANDICAP PARKING SPACES AND ACCESS AISLES SHALL HAVE SURFACE SLOPES

THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TRAFFIC CONTROL PLANS AND

DEVICES. ALL SIGNS, BARRICADES, CHANNELIZATION DEVICES, SIGN FRAMES AND

ERECTION OF SUCH DEVICES SHALL CONFORM THE THE REQUIREMENTS OF THE

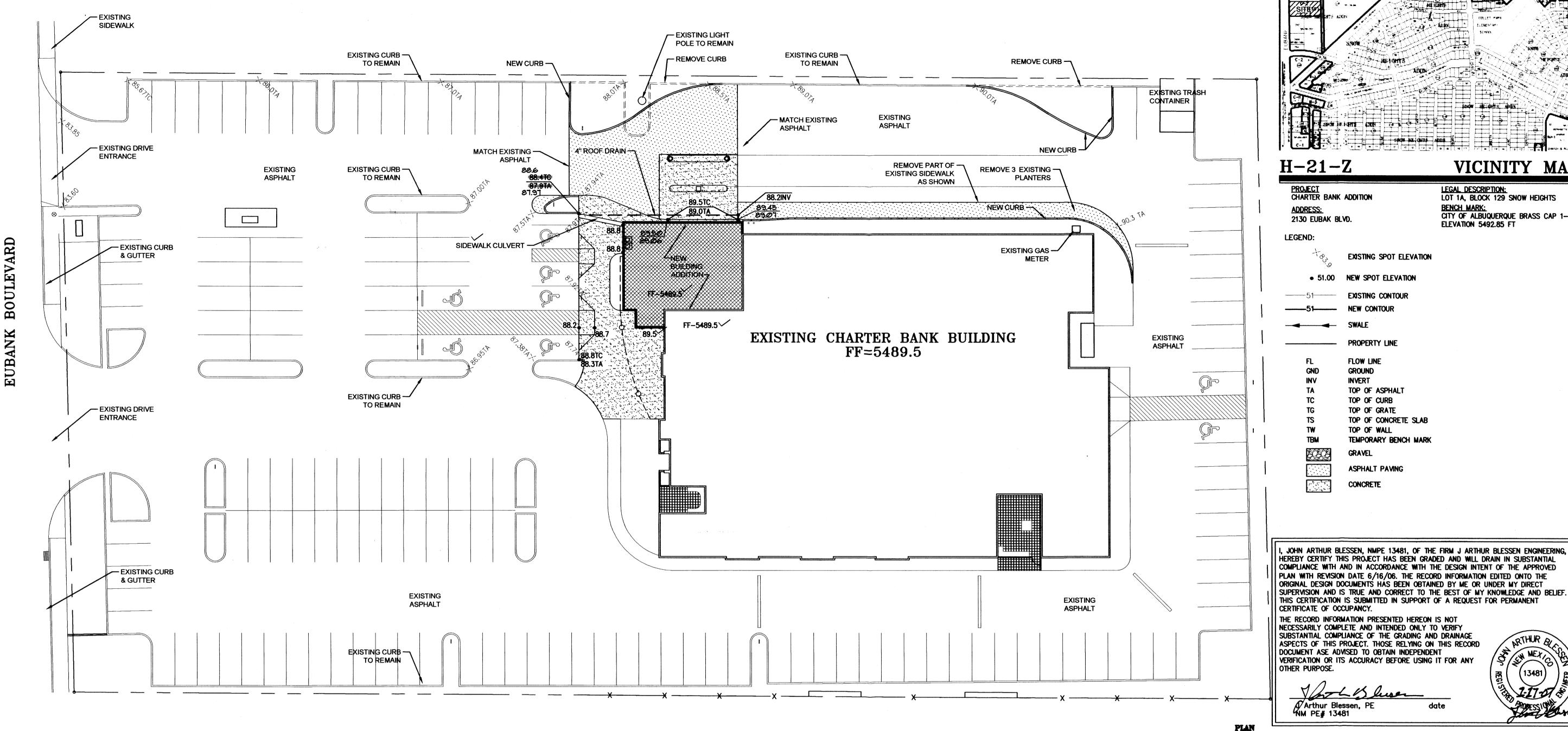
"MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"

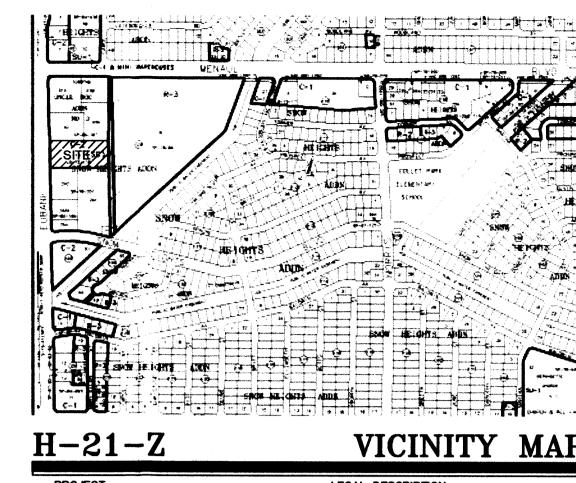
NOT STEEPER THAN 1:48. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE

RAMP OR ACCESSIBLE ROUTE SHALL NOT BE STEEPER THAN 1:20. TRANSITIONS

FROM RAMPS TO WALKS, GUTTERS OR STREETS SHALL BE AT THE SAME LEVEL.

1:12 WITH A CROSS SLOPE NOT STEEPER THAN 1:48. COUNTER SLOPES OF





PROJECT
CHARTER BANK ADDITION 2130 EUBAK BLVD.

LEGAL DESCRIPTION: LOT 1A, BLOCK 129 SNOW HEIGHTS CITY OF ALBUQUERQUE BRASS CAP 1-H21 ELEVATION 5492.85 FT

LEGEND:

**EXISTING SPOT ELEVATION** 

• 51.00 NEW SPOT ELEVATION

GROUND INVERT TOP OF ASPHALT TOP OF CURB TOP OF GRATE TOP OF CONCRETE SLAB TOP OF WALL TEMPORARY BENCH MARK

ASPHALT PAVING

301 Rio Grande Boulevard, N.W.

Albuquerque, New Mexico

Phone: (505) 842-1113

Fax: (505) 842-1330

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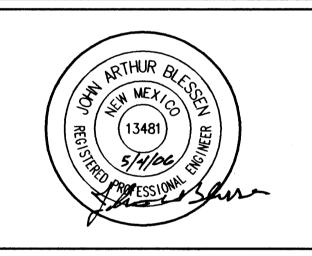
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CONSULTANTS

PROFESSIONAL SEAL



PLAN WITH REVISION DATE 6/16/06. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENTS HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR PERMANENT CERTIFICATE OF OCCUPANCY. THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY

SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ASE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OR ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

A Arthur Blessen, PE NM PE# 13481

ARTHUR BY SEN MEXIC 13481

JAN 1 8 2007

HYDROLOGY SECTION

CHARTER BANK

ADDITION AND |TENANT IMPROVEMENT| 2130 EUBANK, NE

ALBUQUERQUE, NEW MEXICO

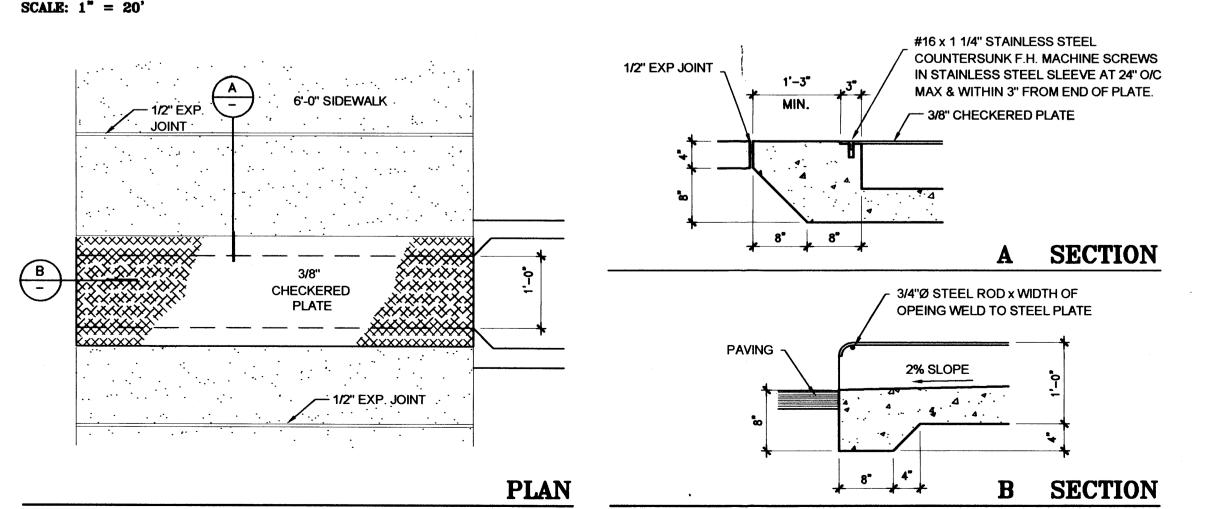
6/16/06 COMMENTS MARK DATE DESCRIPTION

MAIUN	DATE	DESCRIT HON	
PROJECT	NUMBER:		05285
DRAWING	FILE:	5285 CHARTERBANK-C10	2-GRD.DWG
DRAWN BY	7:		jab
CHECK BY	•		jab
COPYRIGH	T: CLAUI	DIO VIGIL ARCHITECTS	2005
DAME.		MAN/ 4	2000

SHEET TITLE GRADING PLAN

SHEET NUMBER C-102

GRADING PLAN



SIDEWALK CULVERT

**B1** 

SCALE: NOT TO SCALE

ALL SURFACES ALONG THE ACCESSIBLE ROUTE SHALL COMPLY WITH ANSI

WALKING SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 WITH A CROSS SLOPE NOT STEEPER THAN 1:48.

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THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TRAFFIC CONTROL PLANS AND DEVICES. ALL SIGNS, BARRICADES, CHANNELIZATION DEVICES, SIGN FRAMES AND ERECTION OF SUCH DEVICES SHALL CONFORM THE THE REQUIREMENTS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" LATEST EDITION. PRIOR TO CONSTRUCTION PRIOR TO CONSTRUCTION, THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED AND APPROVED BY THE GOVERNING AUTHORITY.

## **CONSTRUCTION NOTES**

- 1. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL FOR LOCATION OF EXISTING UTILITIES.
- 2. ALL WORK WITHIN THE CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES. 3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL
- STATE, AND LOCAL REGULATIONS, LAWS, AND RULES CONCERNING SAFETY AND HEALTH. 4. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERITY THE EXISTING SITE CONDITIONS AND INFORM THE ARCHITECT/ ENGINEER OF ANY DISCREPANCY BETWEEN THE
- 5. THE CONTRACTOR SHALL PROVIDE THE ARCHITECT / ENGINEER WITH AN AS BUILT

INFORMATION SHOWN ON THE PLANS AND THOSE OF THE EXISTING SITE.

- SURVEY FOR ENGINEER'S CERTIFICATION. 6. THE CONTRACTOR SHALL MAINTAIN A RECORD DRAWING SET OF PLANS AND PROMPTLY LOCATE EXISTING AND NEW ELEVATIONS (FINISH FLOORS, TOPS OF CURBS AND ASPHALT, FLOW LINE, PIPE INVERTS, ETC.), ON THE RECORD SET. THE RECORD SET SHALL BE MAINTAINED ON THE PROJECT SITE AND SHALL BE AVAILABLE TO THE OWNER AND ARCHITECT AT ANY TIME DURING CONSTRUCTION. UPON COMPLETION OF THE PROJECT, THE RECORD SET SHALL BE TURNED OVER TO THE OWNER.
- 7. THE OWNER / CONTRACTOR SHALL SUBMIT A NOTICE OF INTENT (NOI) TO THE EPA PRIOR TO BEGINNING OF CONSTRUCTION.
- 8. CONTRACTOR SHALL COMPLY WITH STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SPECIFIC TO THIS PROJECT.

### DRAINAGE PLAN

THE PROPOSED IMPROVEMENTS AS SHOWN BY THE VICINITY MAP, ARE LOCATED ON THE EAST SIDE OF EUBANK BOULEVARD SOUTH OF THE MENAUL BOULEVARD. THE SITE IS DEVELOPED. THE SITE DOES NOT LIE WITHIN A FLOOD HAZARD ZONE. THE LANDS SUROUNDING THE SITE ARE DEVELOPED AND ACCEPTS OFFSITE FLOWS.

THE PREVIOUS DRAINAGE PLAN PREPAIRED BY ISAACSON AND ARFMAN ESTABLISHED FREE DISCHARGE OF STROM WATER FROM THE SITE.

THE PROPOSED IMPROVEMENTS CONSIST OF AN ADDITION TO THE EXISTING OFFICE BUILDING WITH MINOR REVISIONS TO THE EXISTING PARKING AND LANDSCAPING. THE PREVIOUS DRAINAGE PLAN ASSUMED THE SITE TO BE FULLY DEVELOPED (90% IMPERVIOUS AREA). THE EXISTING RATE OF DISCHARGE IS 13.23 CFS (5.3 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.

<u>CALCULATIONS</u> PRECIPITATION ZONE = 4 AREA = 2.50 <u>ACRES (108,873 SF)</u> REVISED CALCULATIONS PER DPM

LAND TREATMENT B=10% D=90% E = 0.1(1.08) + 0.9(2.46) = 2.32 INCHES

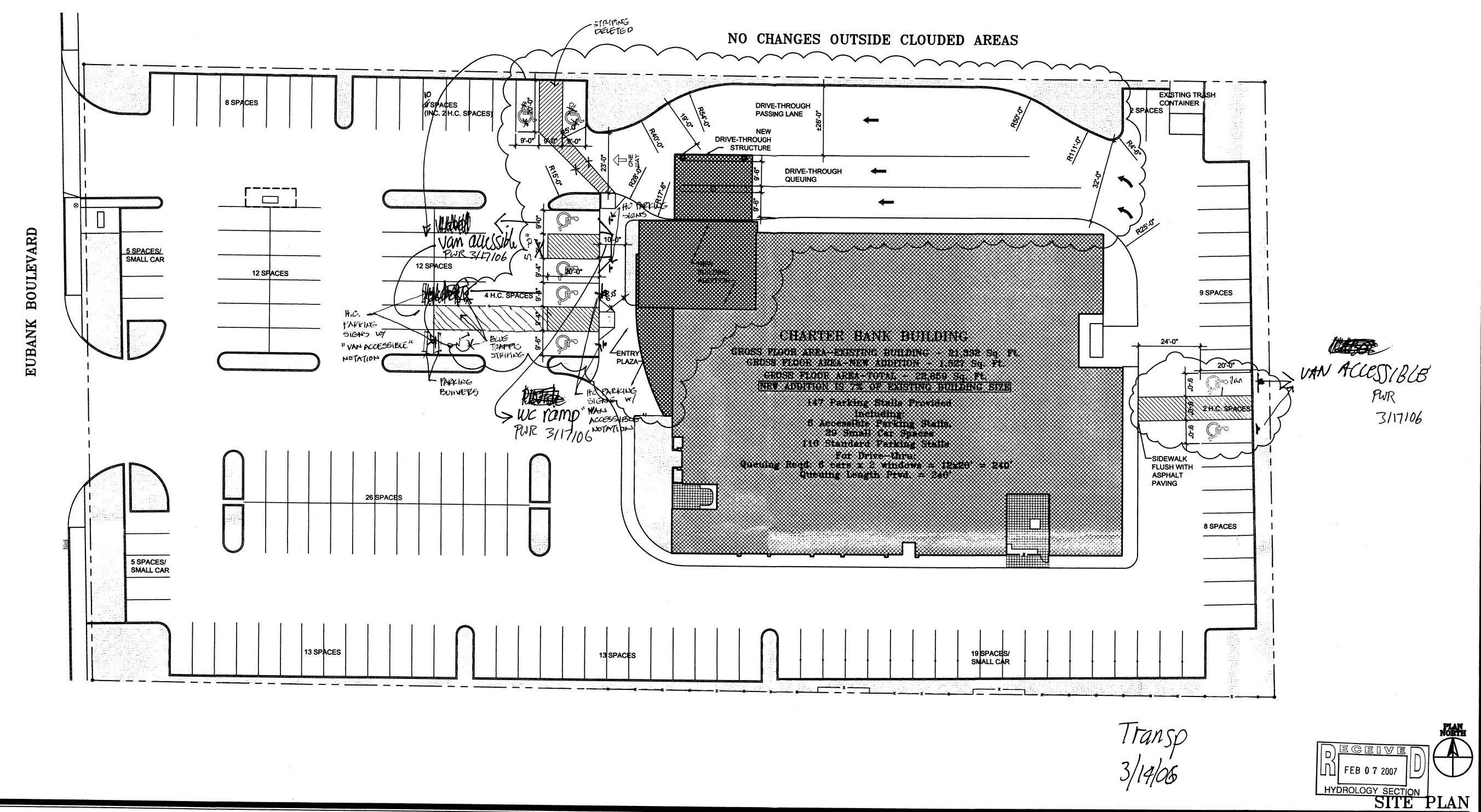
V = 2.32 (2.50) / 12 = 0..502 ACRE FEET (21,074 CF) Q = [2.92(0.10)+5.25(0.9)](2.50)=12.54 CFS

Q = 12.46/2.50 = 5.02 CFS/ACRE

EXISTING CONDITIONS (PREVIOUS DRAINAGE PLAN) LAND TREATMENT B=10% D=90%

 $C = 0.90 P_{100} = 2.5 INCHES I_{100} = 5.88 CFS$ V = 0.9(2.50)(108,909)(0.0833) = 20,412 CUBIC FEET

Q = 0.90(5.88) (2.50) = 13.23 CFS



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

CHARTER BANK

ADDITION AND TENANT IMPROVEMENT 2130 EUBANK, NE ALBUQUERQUE, NEW MEXICO

- MARK	DATE	- DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
-	-	•

VICINITY MAP

PROJECT NUMBER: 05285

DRAWING FILE: 200905285-CHARTER BANK/IPREDES/6285 CHARTERBANK-A101-SP\_DWG

DRAWN BY: GL

CHECK BY: GL

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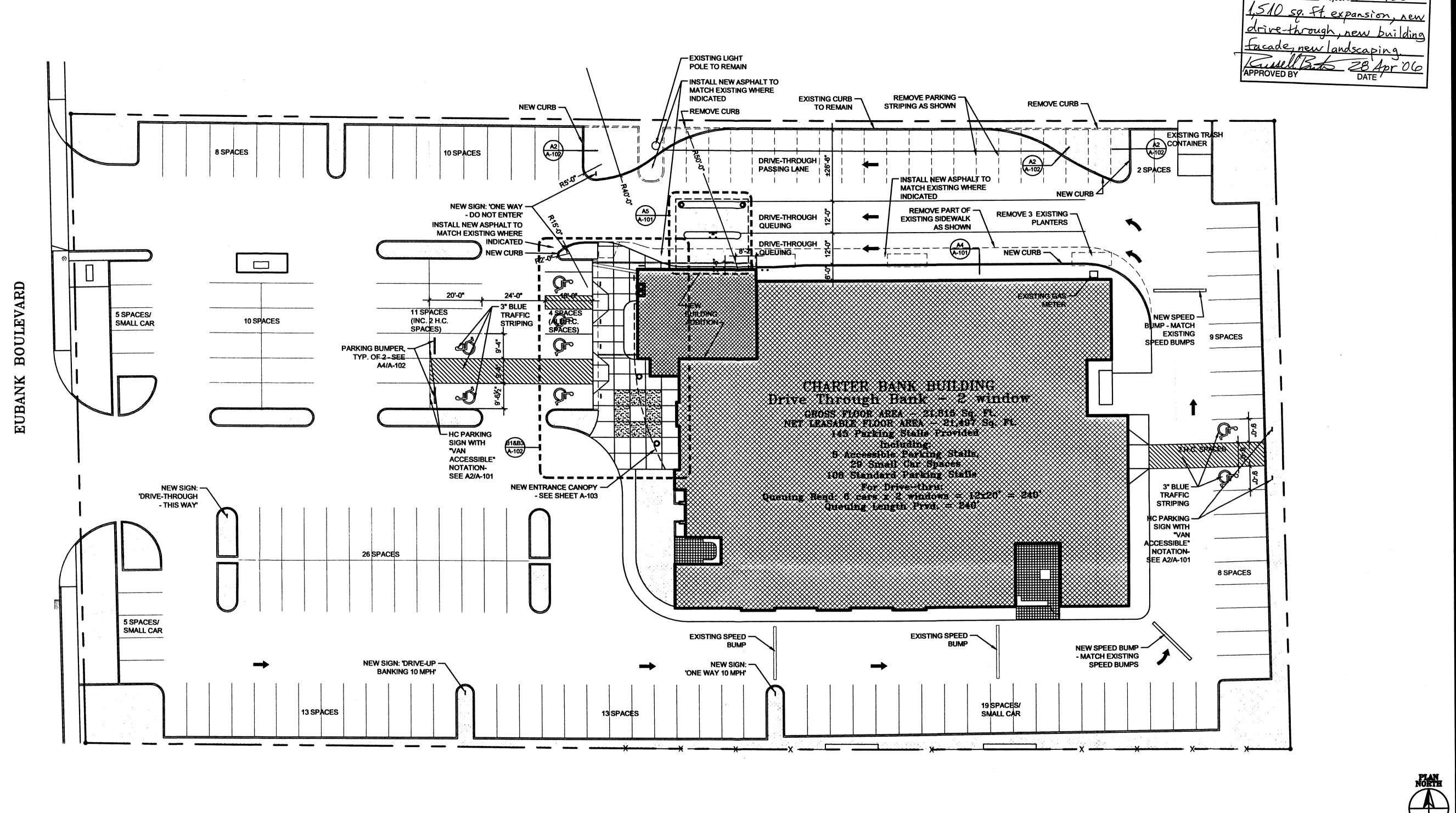
DATE: MARCH 6, 2006

SITE DEVELOPMENT PLAN

SHEET NUMBER
A-101

B1

SCALE: 1"-20'-0"





ADMINISTRATIVE AMENDMENT

File # 064 A - 00303 Project # 1004 738

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CONSULTANTS

PROFESSIONAL SEAL

CHARTER BANK

ADDITION AND INTERIOR REMODEL 2130 EUBANK, NE ALBUQUERQUE, NEW MEXICO

DESCRIPTION MARK DATE

PROJECT NUMBER: DRAWING FILE: 2006/05285-CHARTER BANK DRAWN BY: CHECK BY: COPYRIGHT: CLAUDIO VIGIL ARCHITECTS 2005

ARCHITECTURAL SITE PLAN

CITE DIAN

SCALE:  $1/8^{\circ} = 1'-0''$ 

71					SIIE PLAN
CALE: 1" :	= 20'				
2'-6"	6" DIAMETER STEEL PIPE - FILL WITH CONCRETE AND PAINT TO MATCH BUILDING  ASPHALTIC CONCRETE PAVING OR CONCRETE SLAB - SEE SITE PLAN	HANDICAP SIGN  11-5"  1-1/2" SQUARE STE FRAME, MITER & M CORNERS  15" x 24" METAL SIGN BACKGROUND CO BE BLUE, SYMBOL & LETTER TO BE W  VAN ACCESSIBLE PLATE STOP ANGLE 344" FROM EDGES  SECTION NOT TO SCALE NOTE: DO NOT DRILL ANY HOLES IN FACE OF SIGN.	THE FACE OF SIGN. ALL ATTACHMENTS SHALL BE BLIND AS DETAILED HERE.  NOTE: NO SCREWS WILL BE USED ON THE FACE OF THE SIGN  NOTE: NO SCREWS WILL BE USED ON THE FACE OF THE SIGN  1'-9"  1-1/2" SQUARE STEEL TUBE FRAME, MITER CORNERS  FACH STOCK VANDAL  SECTION  NOT TO SCALE  WHITE SIGNS ONLY - ATTACH SIGN TO 1/2" BAR STOCK SUPPORTS WITH VANDAL	EXISTING SIDEWALK  TOOL EDGE WITH 3/4" DIAMETER CONCRETE FINISHING TOOL  #4 REBAR - CONTINUOUS TOP & BOTTOM AS SHOWN  CONCRETE CURB  ASPHALTIC CONCRETE PAVING OR CONCRETE SLAB - SEE SITE PLAN	DNCRETE PAVING- SEE CIVIL  ONCRETE PAVING- SEE CIVIL  ONCRETE PAVING- SEE A1/A-101  ONCRETE PAVING- SEE A1/A-101
.9	IMBED STEEL PIPE IN 6" CONCRETE ALL AROUND  6" 6" 6" 6"  STEEL BOLLARD	ALL ATTACHMENTS SHALL B BLIND AS DETAILED HERE.  PAINT SIGN SUPPORTO MATCH BUILDING TO MATCH BUILDING  NO SCREWS WILL  SET ERAME IN 6° I	PORT ING  DIAMETER FING 8"  1/2" BAR STOCK DECORATIVE MEMBERS  PAINT SIGN SUPPORT TO MATCH BUILDING  SET FRAME IN 6" DIAMETER CONCRETE FOOTING 8"	COMPACTED SUB-GRADE - SEE SPECIFICATIONS  COMPACTED FILL	ADJICENT TO OWNERS VENDOR SEE ATTA-101
1	STEEL BOLLARD	A2 HANDICAP PARKING S	SIGN A3 BIKE RACK	A4 NEW CURB @ SIDEWALK	A5 DRIVE-THROUGH PLAN

SCALE: 1-1/2" = 1'-0"

SCALE: 3/4" = 1'-0"

SCALE: 3/4" = 1'-0"

SCALE: 3/4" = 1'-0"