CONCRETE SWALE SECTION

N.T.S.

DRAINAGE CERTIFICATION

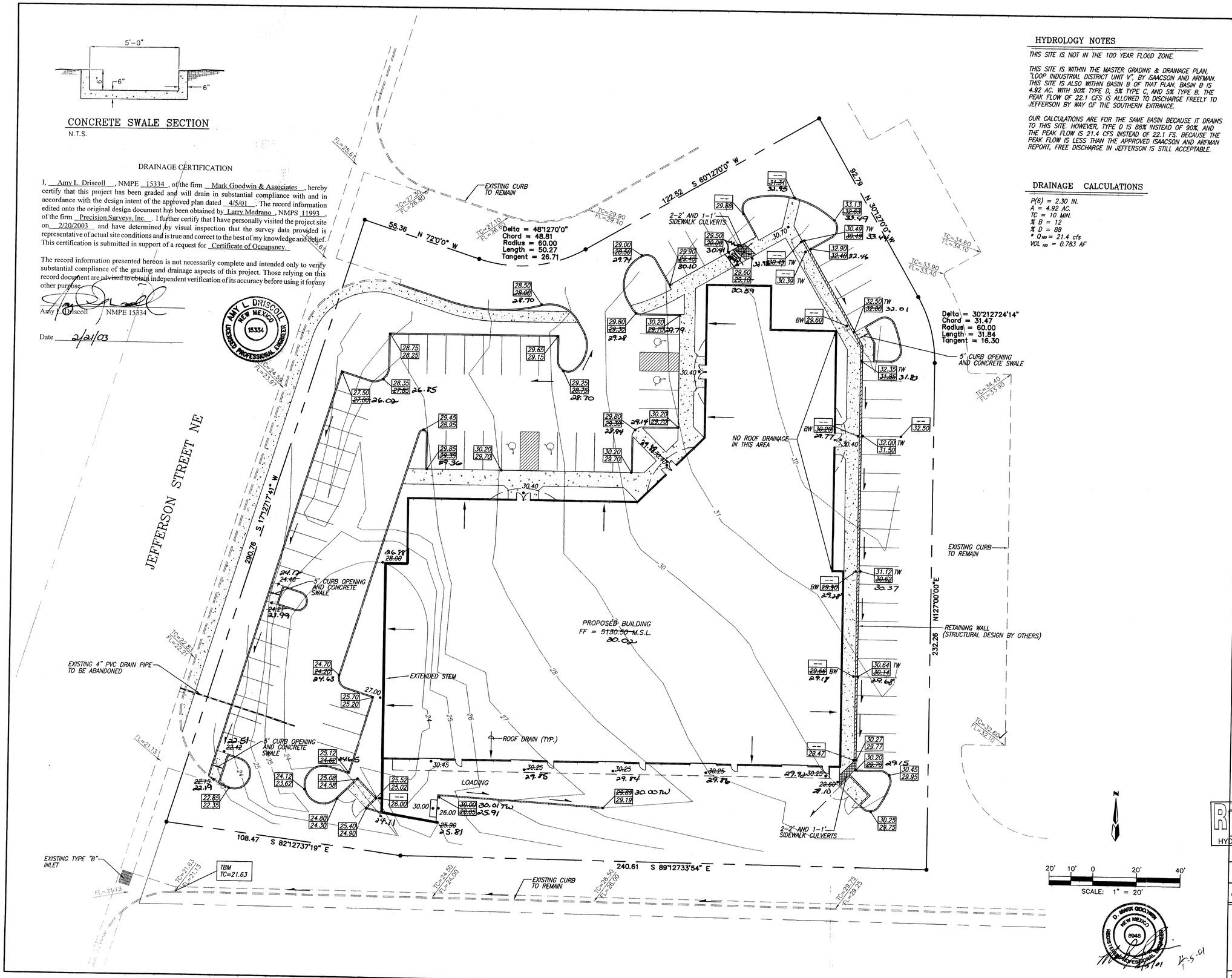
I, Amy L. Driscoll, NMPE 15334, of the firm Mark Goodwin & Associates, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 4/5/01. The record information edited onto the original design document has been obtained by Larry Medrano, NMPS 11993, of the firm Precision Surveys, Inc. I further certify that I have personally visited the project site on 2/20/2003 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for 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 are advised to obtain independent verification of its accuracy before using it for any other purpose.

Amy L. Driscoll NMPE 15334

Date 2/21/03

AMY L. DRISCOLL NEW MEXICO 15334 LICENSED PROFESSIONAL ENGINEER



SCALE: 1" = 20'

HYDROLOGY NOTES

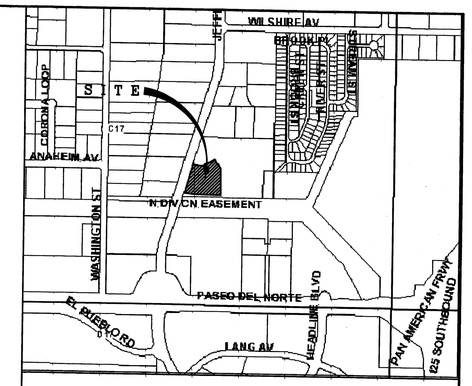
THIS SITE IS NOT IN THE 100 YEAR FLOOD ZONE.

THIS SITE IS WITHIN THE MASTER GRADING & DRAINAGE PLAN, "LOOP INDUSTRIAL DISTRICT UNIT V", BY ISAACSON AND ARFMAN. THIS SITE IS ALSO WITHIN BASIN B OF THAT PLAN. BASIN B IS 4.92 AC. WITH 90% TYPE D, 5% TYPE C, AND 5% TYPE B. THE PEAK FLOW OF 22.1 CFS IS ALLOWED TO DISCHARGE FREELY TO JEFFERSON BY WAY OF THE SOUTHERN ENTRANCE.

OUR CALCULATIONS ARE FOR THE SAME BASIN BECAUSE IT DRAINS TO THIS SITE. HOWEVER, TYPE D IS 88% INSTEAD OF 90%, AND THE PEAK FLOW IS 21.4 CFS INSTEAD OF 22.1 FS. BECAUSE THE PEAK FLOW IS LESS THAN THE APPROVED ISAACSON AND ARFMAN REPORT, FREE DISCHARGE IN JEFFERSON IS STILL ACCEPTABLE.

DRAINAGE CALCULATIONS

P(6) = 2.30 IN.
A = 4.92 AC.
TC = 10 MIN.
% B = 12
% D = 88
* Q_{100} = 21.4 cfs
VOL_{100} = 0.783 AF



VICINITY MAP ZONE MAP: C-17-Z

TBM (TEMPORARY BENCHMARK)

TOP OF CURB ON JEFFERSON STREET ON SOUTH SIDE OF PROPERTY TC=5121.63

ACS BENCHMARK

THE STATION "NAA-9" IS LOCATED 6.8 MILES NORTHEAST OF DOWNTOWN ALBUQUERQUE, AT THE INTERSECTION OF PASEO DEL NORTE AVENUE AND THE NORTH DIVERSION.

TO REACH THE STATION "NAA-9" FROM THE INTERSECTION OF WYOMING BLVD. AND PASEO DEL NORTE AVENUE, GO WEST ON PASEO DEL NORTE AVENUE 2.5 MILES TO THE CROSSING OF THE DIVERSION CHANNEL. THE STATION IS LOCATED IN THE SOUTHEAST QUADRANT OF THE CROSSING.

THE STATION MARK IS A STANDARD BRASS TABLET (AMAFCA RIGHT-OF-WAYMARKER), STAMPED, "NAA-9", SET IN CONCRETE, PROJECTING 0.3 FEET.

X=393134.18 Y=1518711.30 ELEVATION=5069.270'

LEGAL DESCRIPTION

TRACT 14-A-1-B LOOP INDUSTRIAL DISTRICT UNIT V.

LEGEND

- PROPERTY LINE
- PROPOSED CURB
- EXISTING CURB
- 28 — EXISTING CONTOUR
- PROPOSED RETAINING WALL
- DIRECTION OF FLOW
- 28.50 / 28.00 — PROPOSED TOP OF CURB SPOT ELEVATION / PROPOSED FLOWLINE SPOT ELEVATION
- 31.12 TW / 30.62 — PROPOSED TOP OF WALL SPOT ELEVATION / PROPOSED FLOWLINE SPOT ELEVATION
- 30.20 BW — PROPOSED BOTTOM OF WALL SPOT ELEVATION
- 30.40 — PROPOSED FLOWLINE SPOT ELEVATION

RECEIVED FEB 21 2003 HYDROLOGY SECTION

JEFFERSON COMMERCIAL
GRADING AND DRAINAGE PLAN

dmg
MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505)828-2200, FAX (505)797-9539

D. MARK GOODWIN NEW MEXICO 8948 REGISTERED PROFESSIONAL ENGINEER 4-5-01

Designed: DMG	Drawn: WLV	Checked: DMG	Sheet 1 of 1
Scale: 1" = 20'	Date: 04/01	Job: A00013	

A0013JFC\A013GD20.DWG\04-05-01\WLV DER

GENERAL NOTES

1/ STREET ADDRESS :

2/ TRACT 14-A-1-B, LOOP INDUSTRIAL DISTRICT, UNIT V

3/ THE AS-BUILT SUBMITTAL BY THE DESIGNER OF RECORD, AS REQUIRED BY TRANSPORTATION DEVELOPMENT, MUST ALSO INCLUDE A LETTER OF CERTIFICATION THAT THE SITE HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE TCL BEFORE A CERTIFICATE OF OCCUPANCY

3/ CONTRACTOR SHOULD BE AWARE THAT ANY AGREEMENT WITH THE OWNER STATING THAT ANY PORTIONS OF PERMIT CONSTRUCTION COMPLETED BY OTHER THAN THAT CONTRACTOR, WILL PROBABLY CAUSE DELAY, THEREFORE CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL ALL WORK IS FINISHED

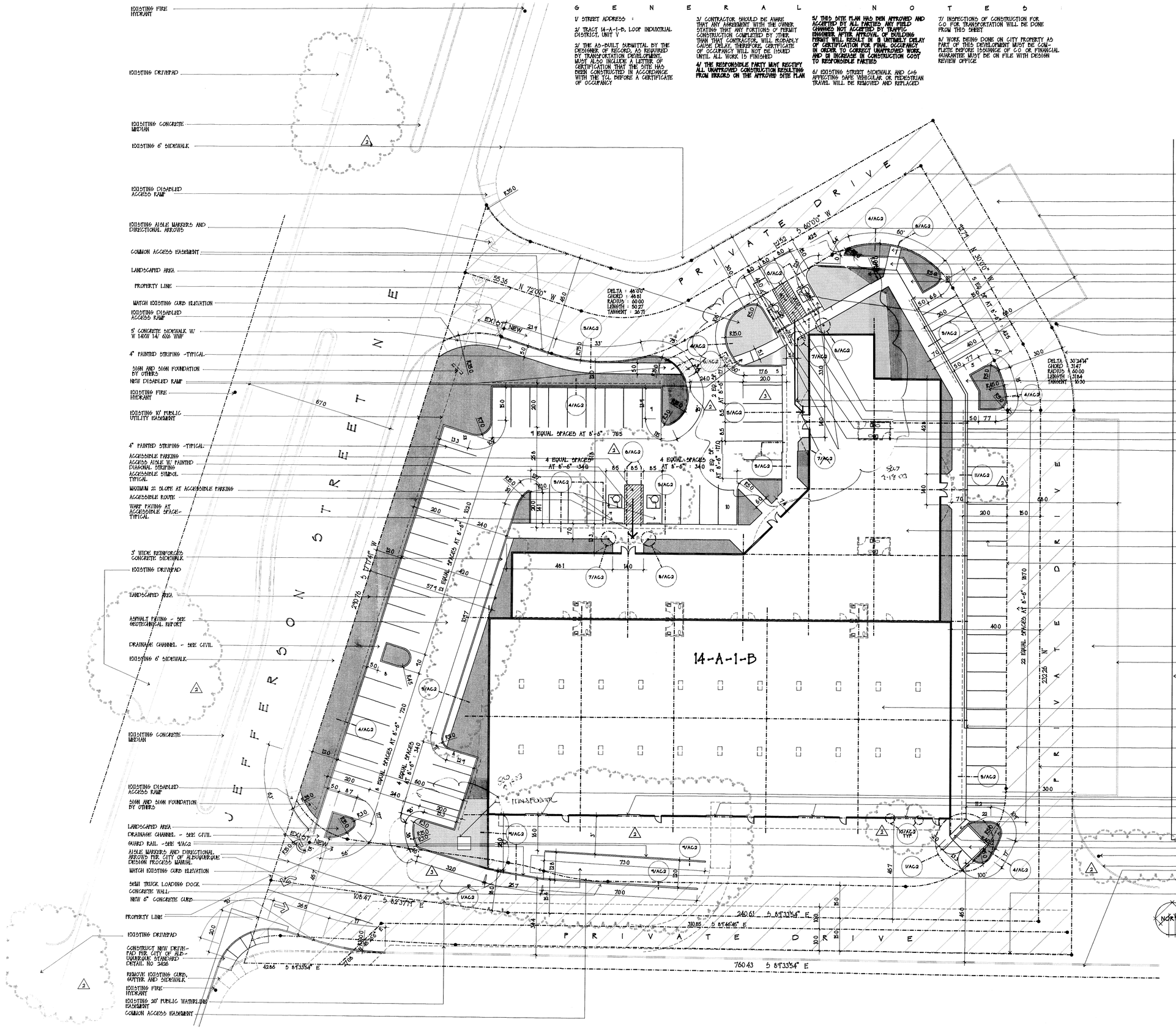
4/ THE RESPONSIBLE PARTY MUST RECTIFY ALL UNAPPROVED CONSTRUCTION RESULTING FROM ERRORS ON THE APPROVED SITE PLAN

5/ THIS SITE PLAN HAS BEEN APPROVED AND ACCEPTED BY ALL PARTIES. ANY FIELD CHANGES NOT ACCEPTED BY TRAFFIC ENGINEER AFTER APPROVAL OF BUILDING PERMIT WILL RESULT IN A INTIMELY DELAY OF CERTIFICATION FOR FINAL OCCUPANCY IN ORDER TO CORRECT UNAPPROVED WORK, AND IS INCREASE IN CONSTRUCTION COST TO RESPONSIBLE PARTIES

6/ EXISTING STREET SIDEWALK AND C&G AFFECTING SAFE VEHICULAR OR PEDESTRIAN TRAVEL WILL BE REMOVED AND REPLACED

7/ INSPECTIONS OF CONSTRUCTION FOR C.O. FOR TRANSPORTATION WILL BE DONE FROM THIS SHEET

8/ WORK BEING DONE ON CITY PROPERTY AS PART OF THIS DEVELOPMENT MUST BE COMPLETE BEFORE ISSUANCE OF C.O. OR FINANCIAL GUARANTEE MUST BE ON FILE WITH DESIGN REVIEW OFFICE



SITE PLAN

SCALE 1"=20'-0"

NOTES

1/ SEE GRADING PLAN FOR ADDITIONAL INFORMATION

2/ SEE SEPARATE FUEL DRAWINGS AND SEPARATE CANOPY DRAWINGS FOR ADDITIONAL INFORMATION

3/ SEE SHEETS M1 AND E3 FOR ADDITIONAL INFORMATION

4/ SEE GEOTECHNICAL ENGINEERING SERVICES REPORT, COMMERCIAL DEVELOPMENT, SANTA FE, NEW MEXICO, JOB NO 1-10715, PREPARED BY GEO-TEST , INC FOR ADDITIONAL INFORMATION

5/ SEE COVER SHEET FOR WORK TO BE INCLUDED IN THIS CONTRACT AND FOR WORK TO BE PERFORMED BY OTHERS

STATE OF NEW MEXICO
Stephen C. Day
No. 579
REGISTERED ARCHITECT
7-16-02

Stephen C. Day
ARCHITECT

P.O. Box 2226
Corrales
New Mexico USA
87048

Tel 505.898.3774
Cell 505.269.7909
Fax 505.898.9015
SCDay@Compuserve.com

TRAFFIC CIRCULATION LAYOUT APPROVED

Signed 7/16/02 Date

RECEIVED
JUL 24 2003
HYDROLOGY SECTION

COMMERCIAL DEVELOPMENT
SOUTH JEFFERSON PROPERTY
ALBUQUERQUE, NEW MEXICO

DATE REVISIONS
2 07/16/2002

SHEET NUMBER
AC1.2

D:\SCD\DWG\SWH-DREADWG, 7/16/2002 10:08:07 AM, © STEPHEN C. DAY ARCHITECT