

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Roller drome ZONE ATLAS/DRNG, FILE#: K-17 83
_DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: lots 1-16 ,block2, evans addition, city of Albuquerque, Bernalillo County, New Mexico
CITY ADDRESS: _____

ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: David Soule
ADDRESS: PO Box 90602, Alb, NM 87199 PHONE: 828-2200
OWNER: Ted Waterman CONTACT: Scott Dorman
ADDRESS: 13604 Rebonita Court, Alb, NM, 87112 PHONE: 299-5946
ARCHITECT: Dorman and Breen CONTACT: Scott Dorman
ADDRESS: 13604 Rebonita Court, Alb, NM, 87112 PHONE: 299-5946
SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

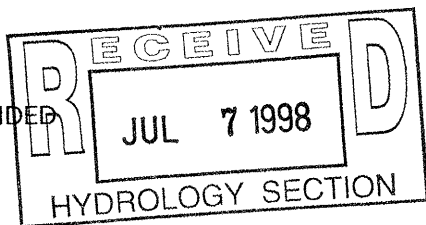
CHECK TYPE OF APPROVAL SOUGHT:

____ DRAINAGE REPORT
☒ DRAINAGE PLAN
____ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
____ EROSION CONTROL PLAN
____ ENGINEER'S CERTIFICATION
____ OTHER

____ SKETCH PLAT APPROVAL
____ PRELIMINARY PLAT APPROVAL
____ S. DEV. PLAN FOR SUB'D APPROVAL
____ S. DEV. PLAN FOR BLDG PERMIT APPROVAL
____ SECTOR PLAN APPROVAL
____ FINAL PLAT APPROVAL
____ FOUNDATION PERMIT APPROVAL
☒ BUILDING PERMIT APPROVAL
____ CERTIFICATION OF OCCUPANCY APPROVAL
____ GRADING PERMIT APPROVAL
____ PAVING PERMIT APPROVAL
____ S.A.D. DRAINAGE REPORT
____ DRAINAGE REQUIREMENTS
____ OTHER _____ (Specify)

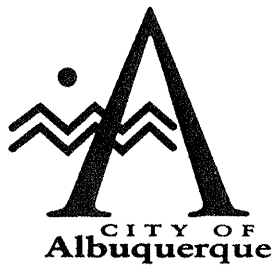
PRE-DESIGN MEETING:

____ YES
☒ NO
____ COPY PROVIDED



DATE SUBMITTED: 7/8/98

BY: David Soule
DAVID SOULE



July 24,1998

Mark Goodwin
D. Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, New Mexico 87199

RE: DRAINAGE PLAN FOR ROLLER DROME @ SAN MATEO (K17-D83) ENGINEER'S
STAMP DATED 7/8/98

Dear Mr. Goodwin:

Based on the information provided on your July 7,1998 submittal, the above referenced site is approved for Grading/Paving & Building Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology..

Also, prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
File ✓

Sincerely

Bernie J. Montoya CE
Associate Engineer

Good for You, Albuquerque!



DRAINAGE CALCULATIONS

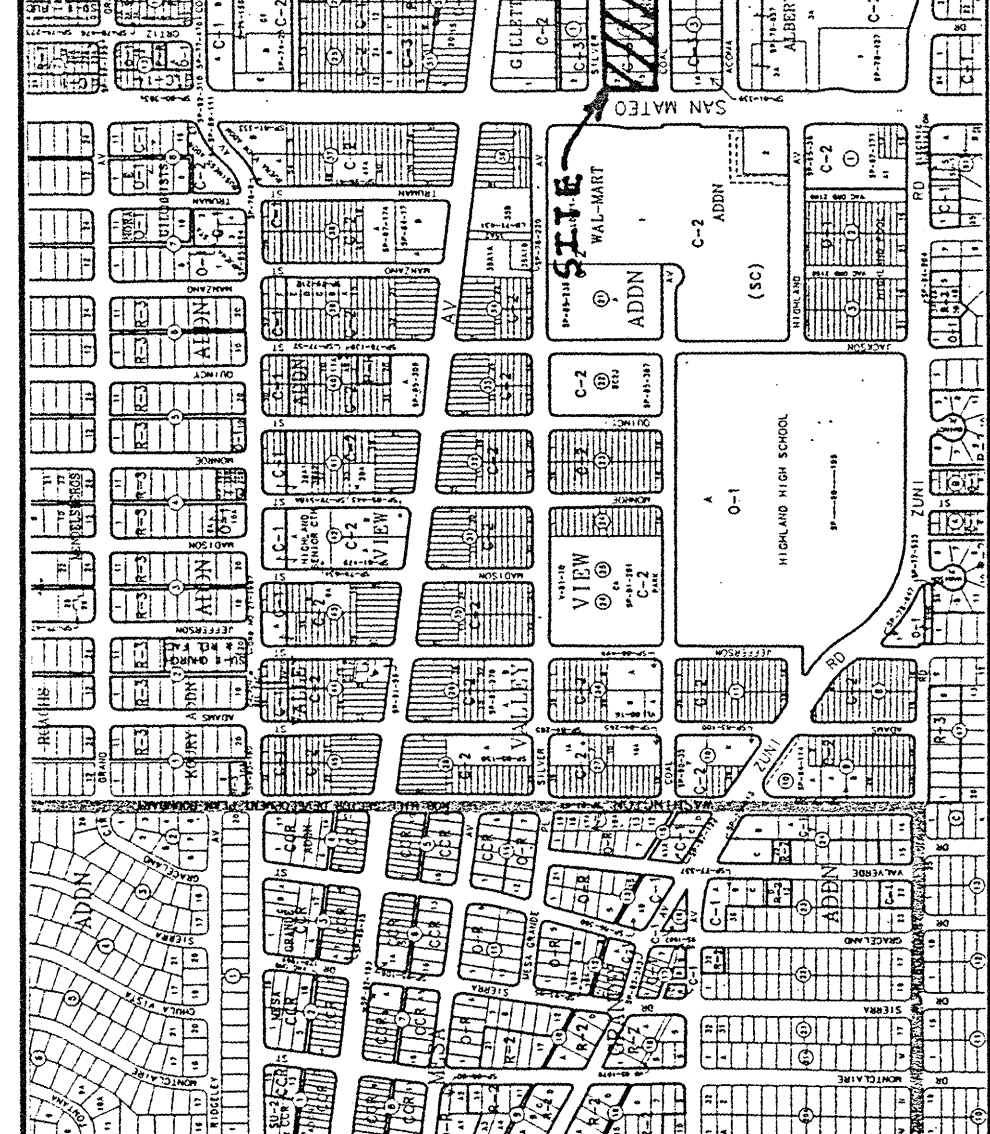
P₆₀=2.14
P₃₀=2.60
P₁₀=3.10
D_T = 0.033 HR
T_P = 0.133 HR
A TOTAL = 0.01672 SQ MI

EXISTING CONDITION
BASIN A
AREA=0.001544 SQ. MI.
TREATMENT
TYPE "A"= 100.0 %
TYPE "B"= 100.0 %
TYPE "C"= 00.0 %
TYPE "D"= 80.0 %
Q₁₀₀= 5.45 CFS
BASIN B
AREA=0.001837 SQ. MI.
TREATMENT
TYPE "A"= 05.0 %
TYPE "B"= 00.0 %
TYPE "C"= 00.0 %
TYPE "D"= 95.0 %
Q₁₀₀= 4.82 CFS
TOTAL
Q₁₀₀=10.27 CFS

PROPOSED CONDITION
BASIN A
AREA=0.001544 SQ. MI.
TREATMENT
TYPE "A"= 00.0 %
TYPE "B"= 100.0 %
TYPE "C"= 05.0 %
TYPE "D"= 85.0 %
Q₁₀₀= 5.44 CFS
BASIN B
AREA=0.001837 SQ. MI.
TREATMENT
TYPE "A"= 00.0 %
TYPE "B"= 00.0 %
TYPE "C"= 25.0 %
TYPE "D"= 75.0 %
Q₁₀₀= 4.59 CFS
TOTAL
Q₁₀₀=10.03 CFS

Offsite flows do not impact the site. The entire site is located within Zone X as shown in the Bernalillo County, New Mexico and incorporated areas, flood insurance rate map number 55001C0354D. The existing site is developed, the only improvements will occur to the parking lot configuration and the exterior facade of the building. The proposed improvements will maintain the historic drainage patterns while decreasing the peak discharge slightly.

RECEIVED
JUL 7 1998
HYDROLOGY SECTION



VICINITY MAP ZONE MAP: K-17-Z

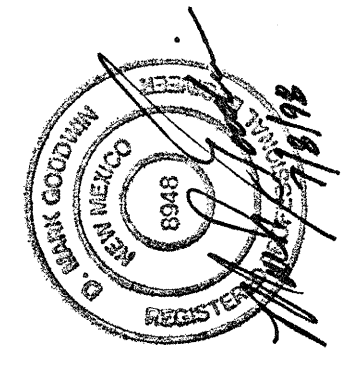
T B M (TEMPORARY BENCHMARK)
EXISTING BUILDING FINISH FLOOR ELEVATION=5265.96'

A C S B E N C H M A R K

THE STATION MHP-1 IS LOCATED 3.9 MILES EAST OF DOWNTOWN ALBUQUERQUE AT THE INTERSECTION OF CENTRAL AVENUE AND VALENCIA DRIVE.
TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD AND CENTRAL AVENUE, GO WEST OF CENTRAL 0.7 MILES TO VALENCIA DRIVE AND THE STATION IN THE MIDDLE OF THE STREET.
THE STATION MARK MHP-1 IS A STANDARD ACS ALUMINUM CAP STAMPED "ELEV 5280.0 1982 SET 0.1 FEET ABOVE THE PAVEMENT. ELEVATION=5280.00"

L E G A L D E S C R I P T I O N
LOTS 1 THROUGH 16, BLOCK 2 EVANS ADDITION, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

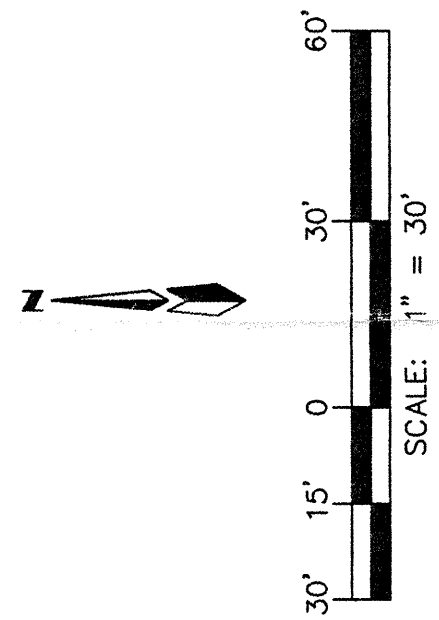
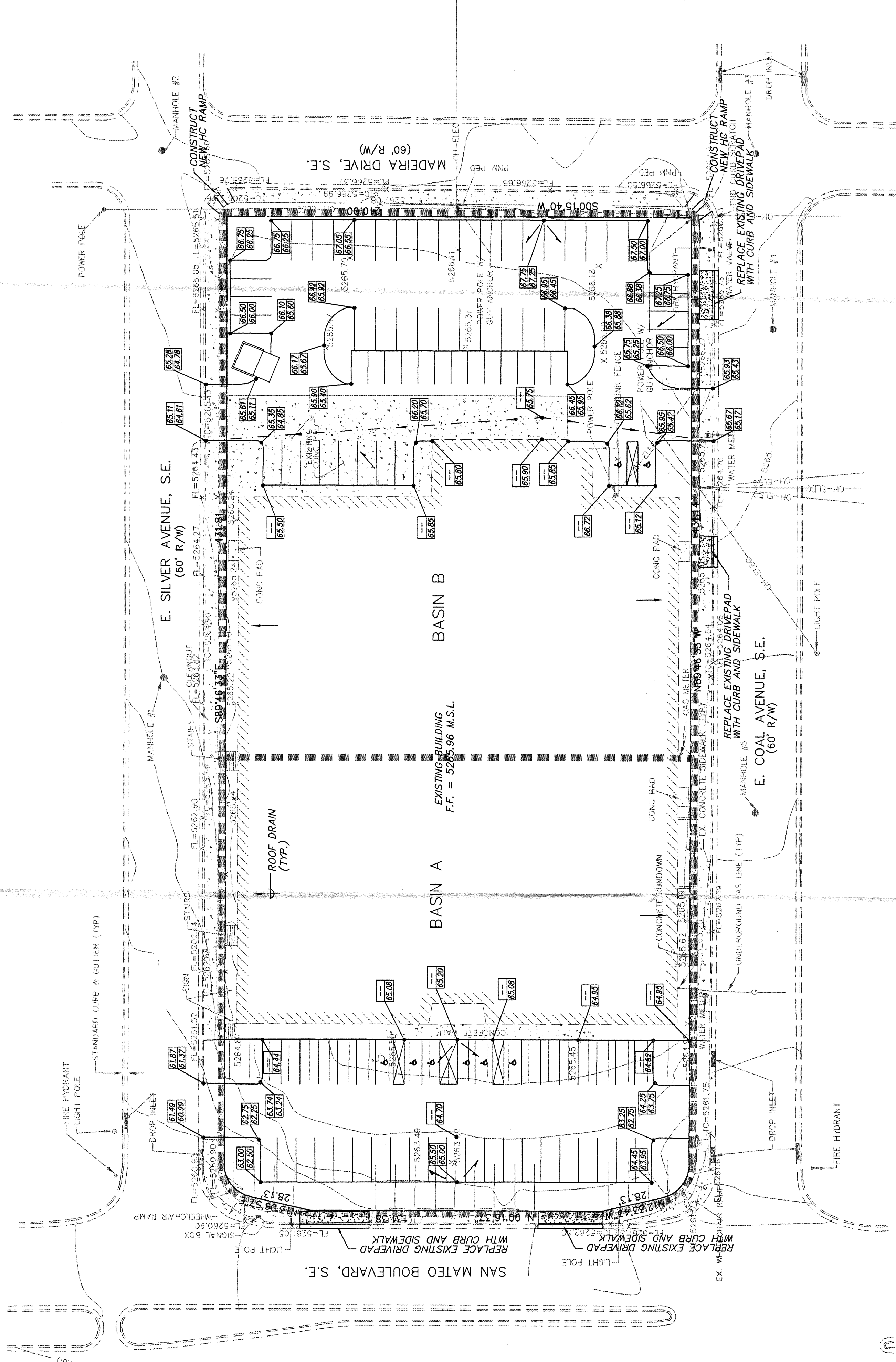
- L E G E N D
- PROPOSED TOP OF CURB AND FLOW LINE SPOT ELEVATION
 - EXISTING SPOT ELEVATION
 - EXISTING CURB AND GUTTER
 - PROPERTY LINE
 - EXISTING CONTOUR
 - EXISTING CONTOUR



ROLLERDROME
GRADING AND DRAINAGE

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

Designed: DPS Drawn: WLV Checked: DMG
Scale: 1" = 30' Date: 6/98 Job: 98072 Sheet 1 of 1



SITE & TOPO: INEW, ST.DWG 6-5-98
8072RD\80720030\07-08-98\WLV