

LEASE BUILDING FOR
PROJECT TITLE: MARVIN DOLLIN ZONE ATLAS/DRNG. FILE #: L-19/D-48
LEGAL DESCRIPTION: TRACT "X", A REPLAT OF LOTS 1 THRU 6, BK. 19, EMIL MANN ADDITION
CITY ADDRESS: 600 Louisiana Blvd. S.E.

ENGINEERING FIRM: Lovelady & Associates CONTACT: Frank Lovelady

ADDRESS: 7408 Morrow Ave. NE 87110 PHONE: 883-7973

OWNER: Marvin Dollin CONTACT: Jeff Foss

ADDRESS 4808 Jefferson, N.E. PHONE: 883-9100

ARCHITECT: Dura-Bilt Products, Inc. CONTACT: Jeff Foss

ADDRESS: 4808 Jefferson NE PHONE: 883-9100

SURVEYOR: Lovelady & Associates CONTACT: Frank Lovelady

ADDRESS: 7408 Morrow Ave. NE 87110 PHONE: 883-7973

CONTRACTOR: Dura-Bilt Products, Inc. CONTACT: Jeff Foss

ADDRESS: 4808 Jefferson NE PHONE: 883-9100

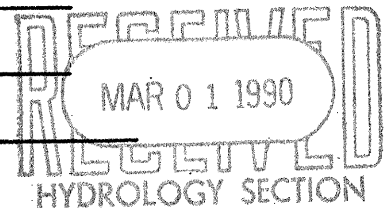
PRE-DESIGN MEETING:

X YES
 NO
 COPY OF CONFERENCE RECAP
SHEET PROVIDED

DRB NO.

EPC NO.

PROJECT NO.



TYPE OF SUBMITTAL:

 DRAINAGE REPORT
X DRAINAGE PLAN
 CONCEPTUAL GRADING & DRAIN. PLAN
 GRADING PLAN
 EROSION CONTROL PLAN
✓ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

 SKETCH PLAT APPROVAL
 PRELIMINARY PLAT APPROVAL
 SITE DEVELOPMENT PLAN APPROVAL
 FINAL PLAT APPROVAL
 BUILDING PERMIT APPROVAL
 FOUNDATION PERMIT APPROVAL
✓ CERTIFICATE OF OCCUPANCY APPROVAL
 ROUGH GRADING PERMIT APPROVAL
 GRADING/PAVING PERMIT APPROVAL

DATE SUBMITTED: March 1, 1990

BY: Frank D. Lovelady
Frank D. Lovelady, P.E.

OTHER (SPECIFY)

FILE COPY



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 5, 1990

Frank Lovelady, P.E.
Lovelady & Associates
7408 Morrow, NE
Albuquerque, New Mexico 87110

RE: ENGINEER'S CERTIFICATION FOR LEASE BUILDING FOR MARVIN
DOLLIN (L-19/D48) CERTIFICATION STATEMENT DATED MARCH 1, 1990

Dear Mr. Lovelady:

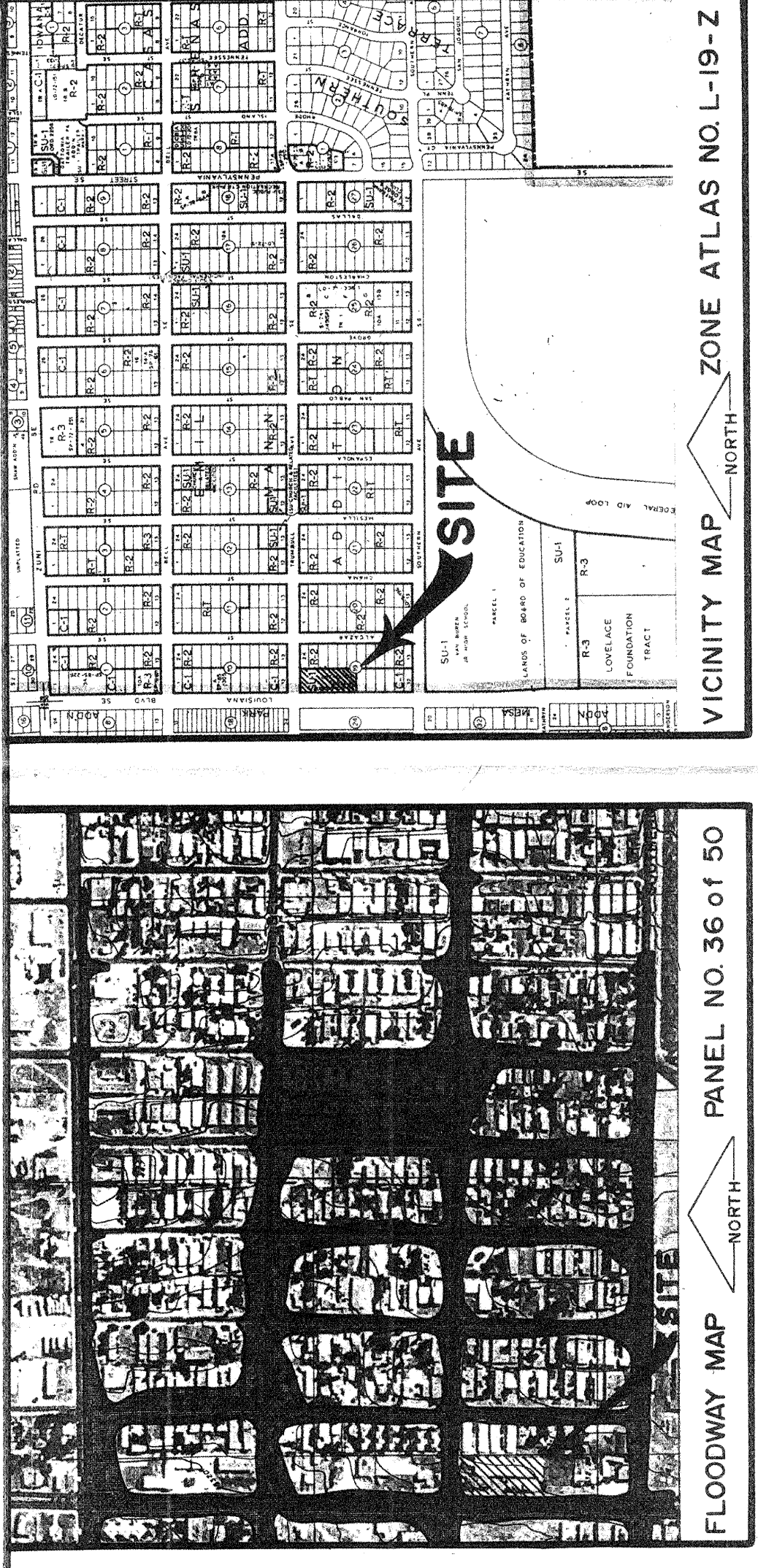
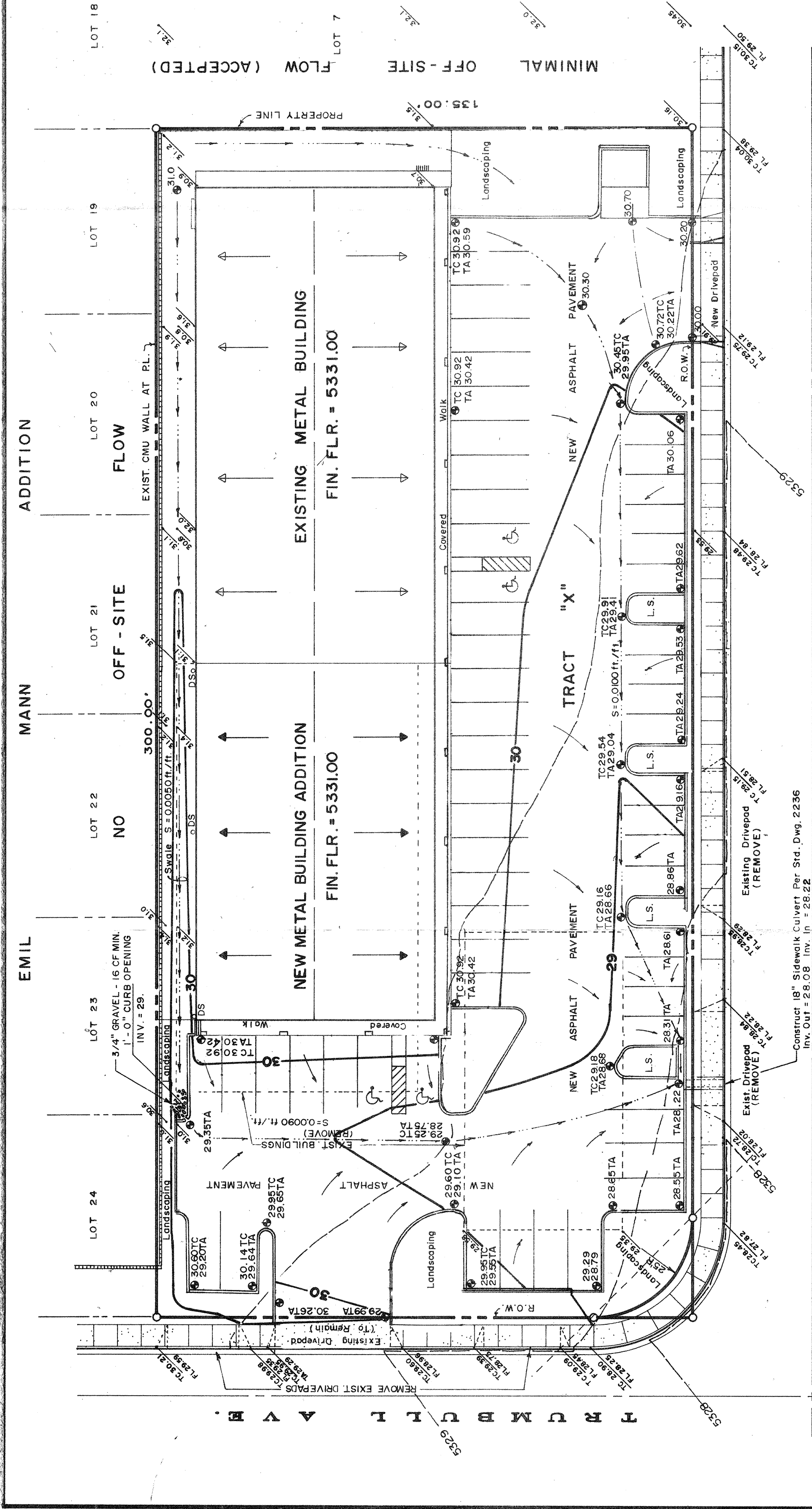
Based on the information provided on your submittal of March 1, 1990,
Certification for the referenced site is acceptable.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya
Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
(WP+1315)



DURA BILT

PRODUCTS, INC.

4808 JEFFERSON N.E.

ALBUQUERQUE N.M. 87109

(505) 883-9100

DESIGN/BUILDERS

LICENSE NO. 30444

JOB NO.: 89-134

DATE: 3/1/89

CONTRACT DATE: 3/1/89

DRAWN BY: JLD

REVISIONS: 1

PLOT DATE: 3/1/89

LBSH2

LEASE BUILDING

FOR

MARVIN DOLLIN

600 LOUISIANA BLVD. S.E.

ALBUQUERQUE, NEW MEXICO 87108

REVISED 3/1/89

REVISED 1/14/89

SEPTEMBER 12, 1989

DRAINAGE PLAN

SHEET NO. 2

JOB NO. 89-134 OF 9

DRAINAGE CALCULATIONS

SOIL INFORMATION:

(REFER TO "LOCAL SURVEY OF BERNALILLO COUNTY AND PARTS OF SANDOVAL AND VALUQUITA COUNTIES, NEW MEXICO", ISSUED JUNE, 1977.) PLATE 31 OF THE REFERENCED SURVEY SHOWS SOIL AT THE SITE TO BE T8B, TERAS GRAVELLY FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES, HYDROLOGIC SOIL GROUP "B".

RAINFALL, 100-YEAR, 4-HOUR:

(REFER TO D.P.M., PLATE 22.2 D-1)

$R_p = 2.35$ INCHES.

TIME OF CONCENTRATION:

USE MINIMUM TIME OF CONCENTRATION OF TEN (10) MINUTES.

RAINFALL INTENSITY:

(REFER TO PLATE 22.2 D-2.) $I = R_p \times 6.84 \times T_c^{-0.51}$

$I = 2.35 \times 6.84 (10)^{-0.51} = 4.97$ INCHES PER HOUR.

CURVE NUMBERS:

(REFER TO PLATE 22.2 C-2 FOR TYPE "B" SOILS.)

BUILDINGS AND PAVEMENT (PARKING LOTS, ROOFS, ETC.) CN = 98

LANDSCAPING, (OPEN SPACES, LAWNS, FAIR CONDITION.) CN = 69

UNPAVED DIRT, (STREETS AND ROADS, DIRT) CN = 82

AREA (SQUARE FEET) OF VARIOUS SURFACE TYPES:

	EXISTING	DEVELOPED
BUILDINGS	18620	12660
PAVEMENT	-	20616
LANDSCAPING	-	4446
UNPAVED	21746	2706
TOTAL	40366	40366

DIRECT RUNOFF VALUES:

(REFER TO D.P.M., PLATE 22.2 C-4 FOR THE ABOVE CURVE NUMBERS AND RAINFALL OF 2.35 INCHES.)

BUILDINGS AND PAVEMENT: 2.10 INCHES

LANDSCAPING: 0.35 INCHES

UNPAVED DIRT: 0.80 INCHES

RUNOFF COEFFICIENTS:

(REFER TO "NOTICE OF EMERGENCY RULE", CITY OF ALBUQUERQUE, JANUARY 14, 1989.)

TYPE OF SURFACE

UNDEVELOPED (UNPAVED)

LAWNS AND LANDSCAPING

ROOFS

STREETS, DRIVEWAYS, WALKS

WEIGHTED "C" VALUE:

EXISTING CONDITIONS: $21746 \times 0.40 = 8703$

$C_w = (18620 \times 0.95) + (40366)$

DEVELOPED CONDITIONS: 40366

$C_w = (12660 \times 0.40) + (20616 \times 0.95) + (4446 \times 0.25) + (2706 \times 0.40) = 12660$

PEAK RUNOFF:

CALCULATED BY RATIONAL EQUATION, $Q_{100} = C_w I A$; $Q_{100} = 0.657 \times Q_{100}$

EXISTING CONDITIONS:

$Q_{100} = 0.63 \times 4.97 \times 0.427 = 2.90$ CFS

$Q_{100} = 0.657 \times 2.90 = 1.91$ CFS

DEVELOPED CONDITIONS:

$Q_{100} = 0.82 \times 4.97 \times 0.427 = 3.78$ CFS

$Q_{100} = 0.657 \times 3.78 = 2.48$ CFS

6-HOUR VOLUME:

$V_{100} = \text{AREA IN SQUARE FEET} \times (Q_p / 12) \times V_{100} = 0.657 \times V_{100}$

$V_{100} = (18620 \times 2.10 + 21746 \times 0.35) = 708$ CF

$V_{100} = 0.657 \times 708 = 465$ CF

DEVELOPED CONDITIONS:

$V_{100} = (18620 \times 2.10 + 4446 \times 0.35 + 2706 \times 0.40) = 6123$ CF

PRE-DESIGN CONFERENCE FINDINGS

1. DRAINAGE PLAN PER D.P.M. GUIDELINES REQUIRED PRIOR TO BUILDING PERMIT RELEASE.

2. IF CROSS-LOT-DRIVE DRAINAGE TAKES PLACE THEN EITHER A REPEAT OF DRAINAGE EASEMENTS MAY BE REQUIRED. NOT REQUIRED BECAUSE BUILDINGS STABLE THE LOT LINES.

3. NO EXISTING STORM SEWER SYSTEMS EXIST CLOSE TO PROPOSED SITE.

4. HISTORY OF THE AMOS INDICATES THAT NO FLOODING EXISTS; THEREFORE, FREE DISCHARGE.

LEGAL DESCRIPTION

TRACT "B", 4 REPEAT OF LOTS 1 THROUGH 6 IN BLOCK 19, EUIL MAIN ADDITION TO THE CITY OF ALBUQUERQUE.

LOUISIANA BLVD. S.E.

NOTICE TO CONTRACTOR

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.

2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986.

3. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

5. BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.

6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF SAID PROPERTY SERVED.

7. THE ADDRESS OF THE PROPERTY SERVED IS 600 LOUISIANA BLVD. SE.

LEGEND:

EXISTING

NEW

DESCRIPTION

CONTOUR

SPOT ELEVATION

SHEET FLOW

SCALE

PROPERTY LINE

TOP OF CONCRETE

TOP OF ASPHALT

FL. FIN. LINE

ROOF FLOW

DRAINSPOT

DS

CERTIFICATION:

I, MARVIN DOLLIN, PROFESSIONAL ENGINEER, STATE OF NEW MEXICO, NO. 612, DO HEREBY CERTIFY THAT THE DRAINAGE PLAN AND EROSION CONTROL PLAN SUBMITTED TO THE CITY OF ALBUQUERQUE FOR THE PROJECT DESCRIBED IN THE ATTACHED PERMIT APPLICATION ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

3/1/89

Marvin Dollin

S.O. 19 BLOCK

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY

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APPROVALS:

HYDROLOGY

(NAME)

(DATE)

INSPECTOR

(NAME)

(DATE)

CONSTRUCTION

(NAME)

(DATE)

BENCH MARK

STATION 6+18, LOCATED AT THE INTERSECTION OF LOUISIANA BLVD. AND TRUMBULL STREET, S.E., IN THE NORTHWEST QUADRANT OF THE INTERSECTION. A SQUARE CHISEL-ED ON TOP OF CURB AT THE NW CURB RETURN. ELEVATION = 5327.676 FEET.

EROSION CONTROL

DURING CONSTRUCTION OF THE BUILDING, ALL RUNOFF FROM THE SITE SHALL BE CONTAINED BY THE USE OF A POND, BERM OR OTHER SUITABLE CONTAINMENT FACILITIES FROM WHICH SEDIMENT-FREE WATER SHALL BE RELEASED AT A CONTROLLED RATE.