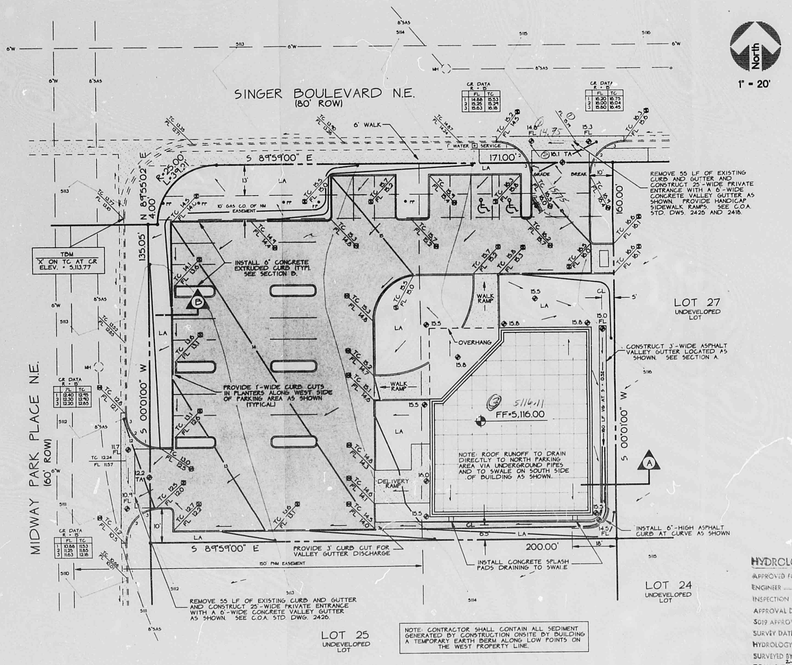
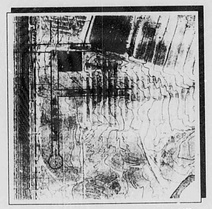
PUBLIC WORKS/HYDROLOGY

F17/D61F



1" = 20'

VICINITY MAP F-17



FLOOD HAZARD MAP

HYDROLOGY APPROVAL & INSPECTION

APPROVED FOR BUILDING PERMIT

ENGINEER _____ DATE _____

INSPECTION REQUESTED DATE 2-13-91

APPROVAL DATE _____ DISAPPROVED _____

SUB APPROVAL DATE _____

SURVEY DATE 2-14-91

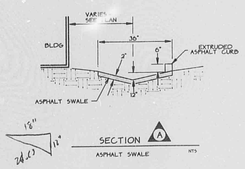
HYDROLOGY BOOK NO / PAGE NO 89-1 pg 143

SURVEYED BY _____

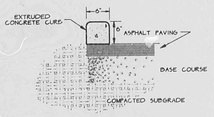
COMMENTS Asphalt swale not in

LEGEND

	SIDEWALK, CURB AND GUTTER (EXISTING, PROPOSED)
	PROPOSED ASPHALT
	BUILDING (EXISTING, PROPOSED)
	PROPERTY LINE
x 657	EXISTING SPOT ELEVATION
90	EXISTING CONTOUR
752	PROPOSED SPOT ELEVATION
90	PROPOSED CONTOUR
	SURFACE FLOW DIRECTION (EXISTING, PROPOSED)
LA	LANDSCAPED AREA
TGW	TOP OF GRADE WALL (< 18" HIGH)
TRW	TOP OF RETAINING WALL (> 18" HIGH)
TA	TOP OF ASPHALT
TC	TOP OF CURB
FL	FLOW LINE
FF	FINISHED FLOOR
R/W	RIGHT OF WAY
PL	PROPERTY LINE
PP	POWER POLE



SECTION A
ASPHALT SWALE
NTS



GENERAL NOTES

1. PROVIDE CONTRACTION JOINTS @ 6' O.C. MAX. ADJACENT TO BUILDING WALLS AND CURB RETURNS ADJACENT TO BUILDING WALLS.
2. EDGES SHOULD BE REMOVED WITH 1/4" EDGING TOOL.

SECTION B
EXTRUDED CONCRETE CURB
NTS

GENERAL NOTES:

LEGAL: LOT 26, JEFFERSON COMMONS, ALBUQUERQUE, NEW MEXICO

SURVEYOR: RONALD FORSTHUBLER SURVEYING, ALBUQUERQUE, NEW MEXICO

B.M.: "SC 37 18" A STANDARD BLM BRASS CAP SET IN CONCRETE PROJECTING 1/2" ABOVE THE GROUND. CAP IS LOCATED APPROXIMATE 1,200' NORTHWEST OF THE INTERSECTION OF SING. & AND MIDWAY PARK BLVDS., N.E. ELEVATION = 5,160.41

T.B.M.: 'X' ON TOP OF CURB AT THE SOUTH CURB RETURN AT THE SOUTHEAST CORNER OF THE INTERSECTION OF SINGER BOULEVARD AND MIDWAY PARK PLACE, N.E. ELEVATION = 5,117.77

SCOPE:

THE SITE IS AN UNDEVELOPED LOT LOCATED WITHIN THE JEFFERSON COMMONS SUBDIVISION. THE GROUND SLOPES SOUTHWESTERLY AT 2% TO MIDWAY PARK PLACE NE.

PROPOSED IMPROVEMENTS FOR THE SITE INCLUDE A 5,600 SF SLAB-ON-GRADE BUILDING, AN ASPHALT-PAVED PARKING AREA AND ASSOCIATED WALKS AND LANDSCAPED AREAS.

FREE DISCHARGE OF DEVELOPED FLOWS INTO MIDWAY PARK PLACE NE IS ALLOWED AS ESTABLISHED BY THE MASTER DRAINAGE PLAN FOR JEFFERSON COMMONS APPROVED BY THE ALBUQUERQUE PLANNING AND REVISED MIDLAND PIPES JEFFERSON COMMONS APPROVED. THE PARKING AREA TO THE DRIVE ENTRANCE AT THE SOUTHWEST CORNER OF THE SITE. TEMPORARY OFFSITE SHEET FLOWS FROM LOT 27 TOTALING 2 CFS WILL ENTER LOT 26 AT THE EAST PROPERTY LINE. LOT 27 FLOWS WILL BE ROUTED AROUND THE BUILDING AND INTO THE PARKING AREA. A NEGLIGABLE AMOUNT OF ROOF RUNOFFS WILL BE COLLECTED IN DOWNSPOUTS AND DISCHARGED EITHER DIRECTLY INTO THE PARKING AREA (NORTH SIDE) OR ONTO SPLASH PADS AND INTO THE ASPHALT SWALE ON THE SOUTH SIDE OF THE BUILDING.

CALCULATIONS:

AREA OF SITE: 31,766 SF = 0.729 AC.

Q_{100} AT DISCHARGE POINT (MASTER PLAN, DEVELOPED, AREA B):

Q_{100} = 10.8(8.6580)(.73) = 2.75 CFS

Q_{100} AT DISCHARGE POINT (MASTER PLAN, UNDEVELOPED, AREA B):

Q_{100} = 10.4(8.6580)(.73) = 1.36 CFS

OFFSITE FLOWS AFFECTING SITE:

(TO BE ROUTED TO SINGER BLVD) WHEN LOT 27 IS DEVELOPED:

Q_{100} = 10.4(8.6580)(.8) = 2 CFS

FLOW CAPACITY OF ASPHALT SWALE:

MANNING'S EQUATION FOR A TRIANGULAR CROSS-SECTION PER SECTION A AND S=0.5%, N=0.015, Q=2CFS:

D=0.7 OK

RECEIVED
SEP 7 1990
HYDROLOGY DIVISION

WESS-HINES ENGINEERING INC.
100 ALVARADO N.E.
ALBUQUERQUE, NEW MEXICO 87110

REVISIONS

Drawn: JC
Checked: JC
Checked: JCW

LANIER BUILDING
JEFFERSON COMMONS
DRAINAGE / GRADING PLAN

BUILDING SYSTEMS
ENGINEERING

CHRISTOPHER J. WESS
NEW MEXICO
8578
PROFESSIONAL ENGINEER

SHEET 1 OF 1

R# 55 DATE 3-19-92 OP

CITY OF ALBUQUERQUE

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DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
My Commission Expires 07/02/92

PLAN SHOT TWICE ONCE ON LIGHT ONCE ON DARK

CITY OF ALBUQUERQUE
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PLANS/PLATS ON FILE

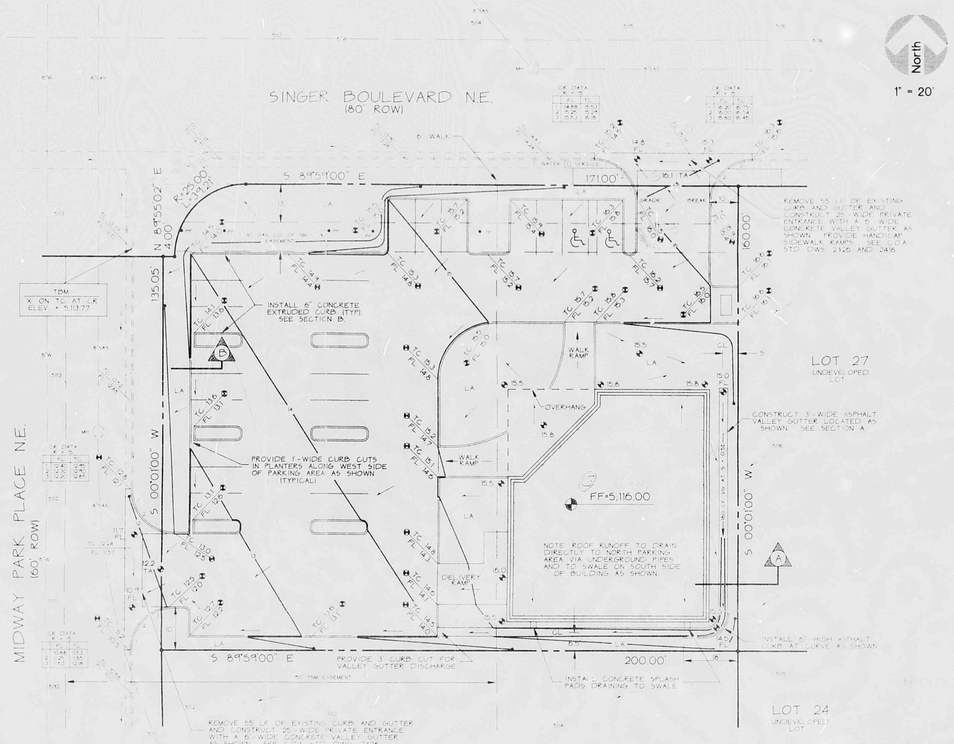
FILE DESC: F17/D61F

PLANS/PLATS 1

E 30 D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D F



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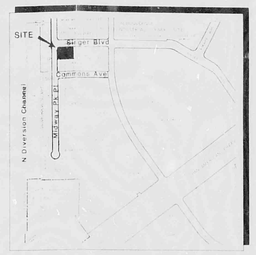
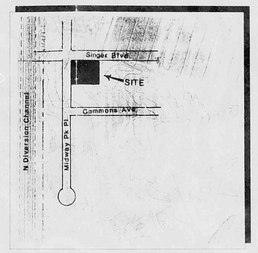
89/ Rg 143

2010 Asphalt SWALE NOT IN



VICINITY MAP F-17



FLOOD HAZARD MAP

GENERAL NOTES

LEGAL: LOT 26, JEFFERSON COMMONS, ALBUQUERQUE, NEW MEXICO

SURVEYOR: RONALD FIRSTBAUER SURVEYING, ALBUQUERQUE, NEW MEXICO

B.M.: "SC 27" 34-17-15 — A STANDARD BLM BRASS CAP SET IN CONCRETE PROJECTING 3" ABOVE THE GROUND. CAP IS LOCATED APPROXIMATELY 300 NORTHWEST OF THE INTERSECTION OF SINGER AND MIDWAY PARK BLVDS NE. ELEVATION = 5,103.41

T.B.M.: X ON TOP OF CURB AT THE SOUTH CURB RETURN AT THE SOUTHEAST CORNER OF THE INTERSECTION OF SINGER BOULEVARD AND MIDWAY PARK PLACE N.E. ELEVATION = 5,113.77

SCOPE:

THE SITE IS AN UNDEVELOPED LOT LOCATED WITHIN THE JEFFERSON COMMONS SUBDIVISION. THE GROUND SLOPES SOUTHWESTERLY AT 2% TO MIDWAY PARK PLACE NE.

PROPOSED IMPROVEMENTS FOR THE SITE INCLUDE A 5,500 SF SLAB-ON-GRADE BUILDING, AN ASPHALT PAVED PARKING AREA AND ASSOCIATED WALKS AND LANDSCAPED AREAS.

FREE DISCHARGE OF DEVELOPED FLOWS INTO MIDWAY PARK PLACE NE IS ALLOWED AS ESTABLISHED BY THE MASTER DRAINAGE/GRADING PLAN FOR JEFFERSON COMMONS APPROVED (JANUARY 1991) AND REVISED (AUGUST 1991). FLOWS WILL BE PARKED IN THE PARKING AREA TO THE DRIVE ENTRANCE AT THE SOUTHWEST CORNER OF THE SITE. TEMPORARY OFFSITE SHEET FLOWS FROM LOT 27 TOTALING 1 CFS WILL ENTER LOT 26 AT THE EAST PROPERTY LINE. LOT 27 FLOWS WILL BE ROUTED AROUND THE BUILDING AND INTO THE PARKING AREA. A NEGLIGABLE AMOUNT OF FLOW WILL ENTER THE SITE AT THE TRASH ENCLOSURE LOCATION. ROOF RUNOFFS WILL BE COLLECTED IN DOWNSPOUTS AND DISCHARGED EITHER DIRECTLY INTO THE PARKING AREA NORTH OF THE BUILDING OR ONTO SPLASH PADS AND INTO THE ASPHALT SWALE ON THE SOUTH SIDE OF THE BUILDING.

CALCULATIONS

AREA OF SITE: 31,760 SF = 0.7293 AC

Q_{100} AT DISCHARGE POINT (MASTER PLAN DEVELOPED AREA (B)

Q_{100} = (0.85)(5.50)(0.73) = 2.75 CFS

Q_{100} AT DISCHARGE POINT (MASTER PLAN UNDEVELOPED AREA (B)

Q_{100} = (0.40)(4.50)(0.73) = 1.32 CFS

OFFSITE FLOWS AFFECTING SITE:
TO BE ROUTED TO SINGER BLVD. WHEN LOT 27 IS DEVELOPED

Q_{100} = (0.40)(4.50)(0.5) = 1.2 CFS

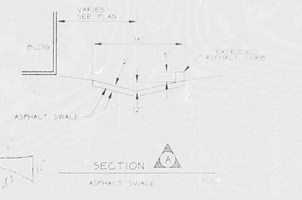
FLOW CAPACITY OF ASPHALT SWALE:

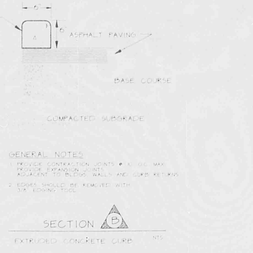
MANNING'S EQUATION FOR A TRIANGULAR CROSS-SECTION PER SECTION A AND SHOWS NHOWS Q=2CFS
DH = OK

RECEIVED
SEP 7 1990
HYDROLOGY DIV.

LEGEND

- SIDEWALK, CURB AND GUTTER (EXISTING, PROPOSED)
- PROPOSED ASPHALT
- BUILDING (EXISTING, PROPOSED)
- PROPERTY LINE
- 5100.0 EXISTING SPOT ELEVATION
- 80 EXISTING CONTOUR
- 75.2 PROPOSED SPOT ELEVATION
- 80 PROPOSED CONTOUR
- SURFACE FLOW DIRECTION (EXISTING, PROPOSED)
- LA LANDSCAPED AREA
- TGW TOP OF GRADE WALL (1'-6" HIGH)
- TKW TOP OF RETAINING WALL (1'-6" HIGH)
- TA TOP OF ASPHALT
- TC TOP OF CURB
- FL FLOW LINE
- FF FINISHED FLOOR
- R/W RIGHT OF WAY
- PL PROPERTY LINE
- PP POWER POLE





GENERAL NOTES
1. PROVIDE CONTRACTION JOINTS @ 6'-0" O.C. MAX. PROVIDE EXPANSION JOINTS @ 30'-0" O.C. MAX. AT ASPHALT TO BLDG. WALL AND CURB RETURNS.
2. EDGES SHOULD BE REMOVED WITH 1/4" EDGING TOOL.

LANIER BUILDING
JEFFERSON COMMONS
DRAINAGE / GRADING PLAN

WEISS-HINES ENGINEERING CO. INC.
1512 ALVARADO NE
TEL. (505) 242-1848
ALBUQUERQUE, NEW MEXICO 87110

REVISIONS
NO. DATE BY
1 5/10/15 KC

SHEET 1 OF 1

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

CITY OF ALBUQUERQUE
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R# 25 DATE 5-17-12 OP EP

CITY OF ALBUQUERQUE

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Greg T. Hadley 1/15/02
DIRECTOR

Roberta Duran
NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
07/07/02

D24 C20 B16 A12

CITY OF ALBUQUERQUE

C D