HYDROLOGY

L19/D23
ONE PLAN

L 19 / D 23

1 PLAN

APACA MOVING AND STORAGE

HAGER INDUSTRIAL PARK- TRACT 2E

ALBUQUERQUE, NEW MEXICO

DRAINAGE PLAN

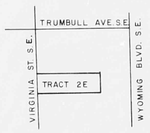
NOTES:

1. THE PROPOSED SITE TO BE DEVELOPED IS APPROXIMATELY 1 ACRE IN SIZE. THE EASTERN PORTION OF THE TRACT COMPRISING APPROXIMATELY 0.4 ACRES IS PAVED. THE WESTERLY PORTION IS COMPACTED NATIVE SOIL WHICH HAS BEEN USED FOR STORING LARGE WOODEN CRATES.
2. THE AREA TO THE SOUTH OF THE PROPERTY IS OCCUPIED BY MOBILE HOMES. THE DRAINAGE FOR THIS AREA FLOWS TO THE WEST TO VIRGINIA STREET.
3. WYOMING BOULEVARD ON THE EAST TAKES STORM WATER RUN-OFF TO THE NORTH. OFF-SITE DRAINAGE WHICH CONTRIBUTES TO TRACT 2-E IS FROM THE SOUTH HALF OF THE EXISTING WAREHOUSE AT 423 WYOMING AND TRACT 2-F (NOT-A-PART). A PORTION OF THE RUN-OFF, APPROXIMATELY .3 CFS, FROM THE EXISTING WAREHOUSE IS DISCHARGED TO WYOMING BOULEVARD. RUN-OFF FROM THE PROPERTY TO THE SOUTH DRAINS BASICALLY TO THE WEST AND WILL NOT BE ADVERSELY AFFECTED BY THE PROPOSED CONSTRUCTION.
4. THE ROOF OF THE PROPOSED WAREHOUSE WILL BE DRAINED BY DOWNSPOUTS INTO A SWALE ON THE NORTH AND INTO A CONCRETE CHANNEL ON THE SOUTH TO BE CONVEYED TO THE WEST INTO A SWALE WHICH WILL DISCHARGE THE RUN-OFF TO AN EXISTING DRIVE PAD ON VIRGINIA STREET.
5. THE PROPOSED CONSTRUCTION AND DEVELOPED DRAINAGE FROM TRACT 2-E WILL CONTRIBUTE A MINIMAL AMOUNT OF ADDITIONAL RUN-OFF INTO VIRGINIA STREET. THIS INCREASE IS NOT SIGNIFICANTLY MORE THAN THE DISCHARGE WHICH EXISTS NOW AND WILL NOT ADVERSELY AFFECT DOWNSTREAM DRAINAGE CHARACTERISTICS.
6. THE TEMPORARY BENCH MARK SHOWN WAS ESTABLISHED FROM THE CITY OF ALBUQUERQUE BENCH MARK 8-L20 LOCATED IN THE CENTERLINE OF WYOMING BOULEVARD JUST SOUTH OF SUSAN AVE. EL. 5402.03.

DRAINAGE DATA

AREA	ACRES	Q 100 (CFS)
A	1.2	8.0
B	.13	0.9
C*	1.6	8.3

* AREA C IS TOTAL AREA DISCHARGING INTO VIRGINIA STREET.

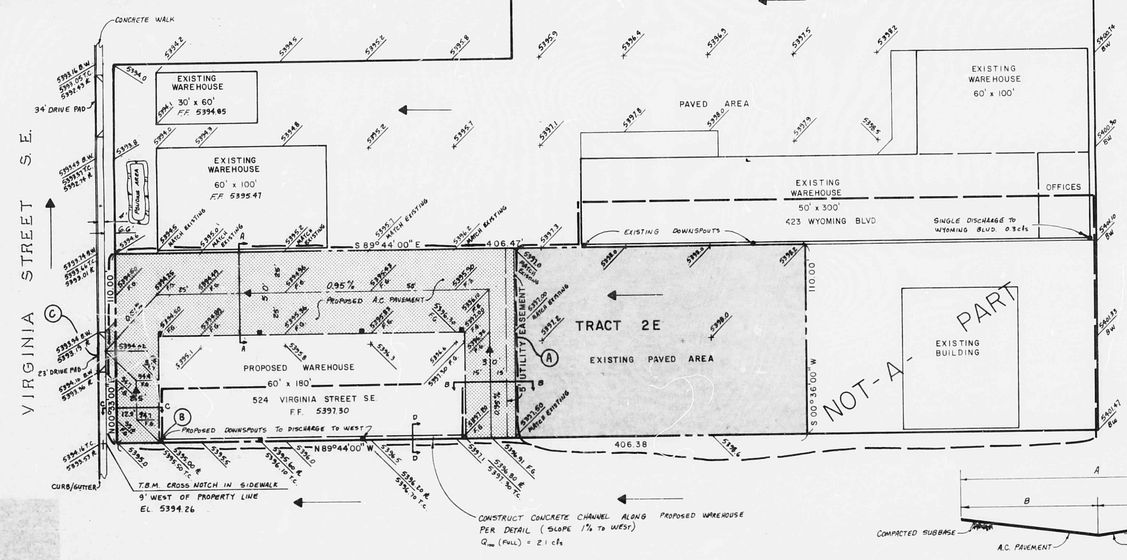


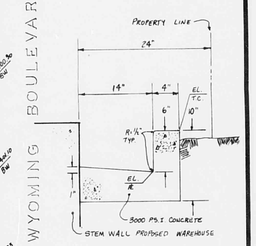
ZONING INDEX L-19

VICINITY MAP

NO SCALE

SCALE: 1" = 40'

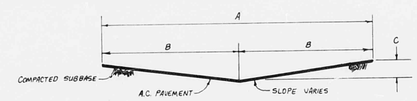




CONCRETE CHANNEL

SECTION D-D

NO SCALE



SWALE DETAIL

NO SCALE

SECTION	A	B	C*	Q FULL (CFS)
A-A	50'	25'	.25	15
B-B	30'	15'	0.4	20
C-C	25'	12.5'	0.3	9

* MINIMUM DEPTH OF SWALE

LEGEND

B.W.	BACK OF WALK
T.C.	TOP OF CURB
⊥	FLOW LINE
F.G.	PROPOSED FINISH GRADE
T.B.M.	TEMPORARY BENCH MARK
F.F.	FINISH FLOOR
——	DRAINAGE FLOW ARROW
—·—·—	PROPERTY LINE TRACT 2E
—··—	DRAINAGE BOUNDARY
●	PROPOSED DOWNSPOUTS
—·—·—	CENTERLINE

11/11/82

Samuel A. Bateman N.M.L.S. No. 3509

REGISTERED LAND SURVEYOR NO. 3509 STATE OF NEW MEXICO SAMUEL A. BATEMAN

TRICO INTERNATIONAL INC.
NOVEMBER 3, 1982

REV. NOV. 17, 1982

L19/D23