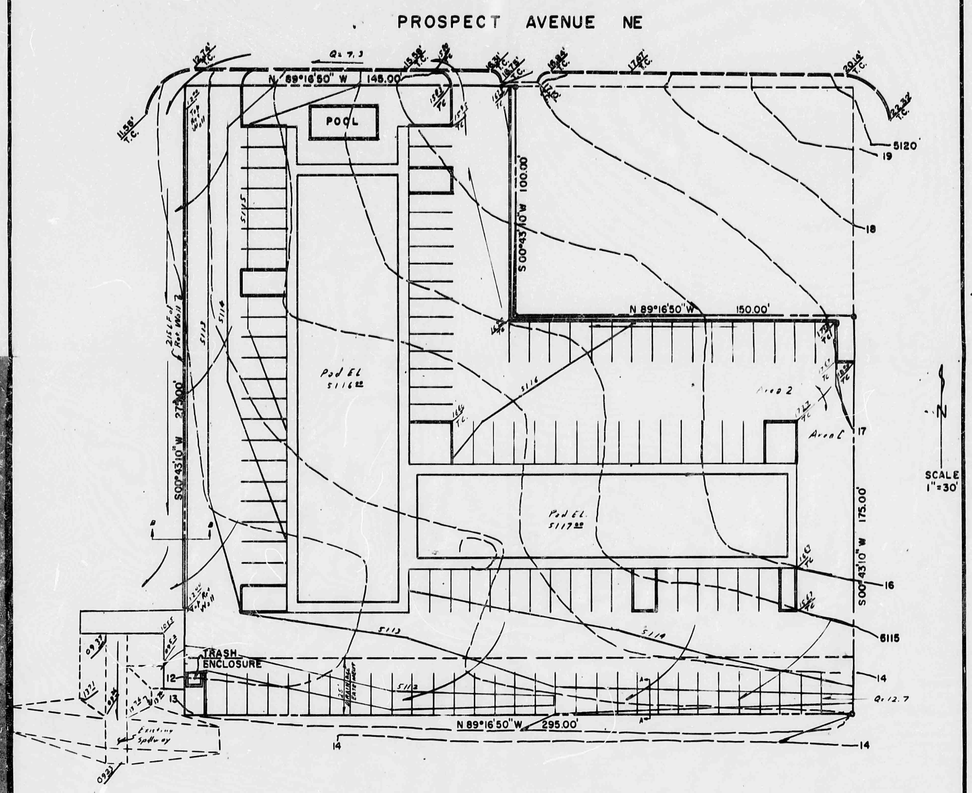
HYDROLOGY

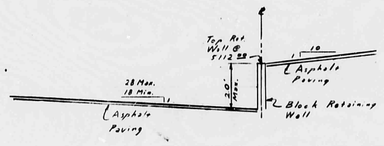
H16/D24
2 PLANS

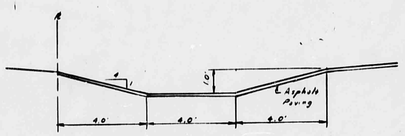
H16/D24

2 Plans

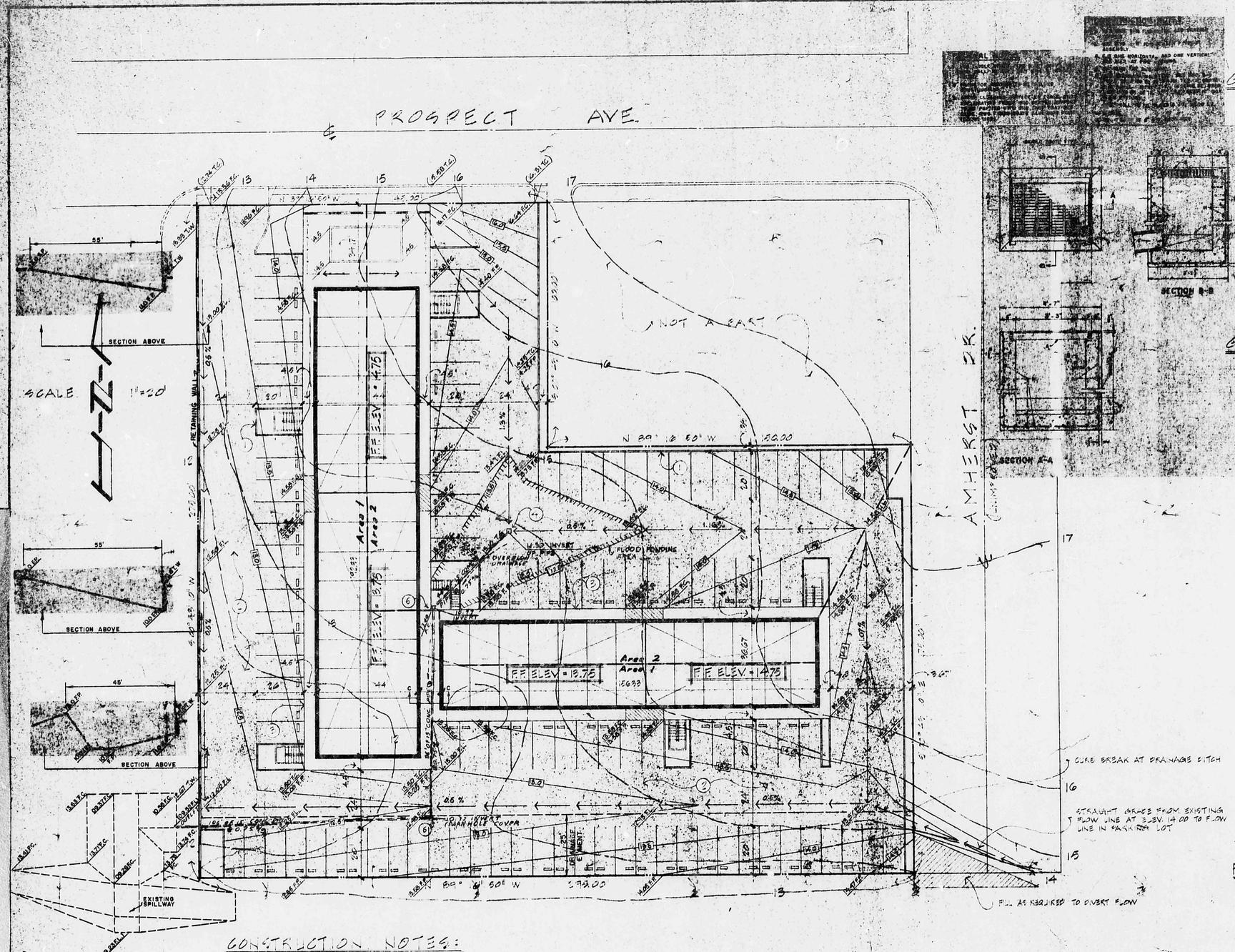
DRAINAGE PLAN FOR THE WESTERN "6" MOTEL
LOT 2 OF THE "LAND OF RAY SHOLLENBARGER"
PREPARED FOR RON WHITNEY MARCH, 1978







SWALE DETAIL, SECTION A-A, TYPICAL
(GRADE 0.7 % AT FLOW-LINE)



GRADING LEGEND

937	PROPOSED ELEVATION
(937)	EXISTING ELEVATION
937	PROPOSED CONTOUR
937	EXISTING CONTOUR
F.C.	FINISH CONCRETE SURFACE
F.A.	FINISH A.C. PAVING
F.F.	FINISH FLOOR
F.L.	FLOW LINE
T.W.	TOP OF WALL
T.G.	TOP OF GRATE
T.C.	TOP OF CURB

GENERAL NOTES:

1. NO FILL SHALL BE PLACED UNTIL PREPARATION OF GROUND IS APPROVED BY CITY ENGINEER.
2. NO ROCK OR SIMILAR MATERIAL LARGER THAN 8" IN DIAMETER WILL BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE SOIL ENGINEER AND APPROVED BY THE BUILDING OFFICIAL.
3. ALL WORK SHALL CONFORM TO THE REQUIREMENTS AND SPECIFICATIONS OF THE U.B.C. AND CITY OF ALBUQUERQUE STANDARDS.
4. ALL FILL MATERIAL SHALL BE CLEAN EARTH, FREE OF VEGETABLE MATTER TAKEN FROM THE JOB SITE.
5. FILL TO BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SO. COMPACTION TEST D1557-64-T.
6. NUMBER OF SOILS TEST TO BE ONE PER EACH TWO FEET OF FILL BUT NOT LESS THAN ONE TEST PER EACH 1000 C.Y.
7. FILL MATERIALS SHALL BE PLACED IN LAYERS WHICH COMPACTED WILL NOT EXCEED 8".
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE UTILITIES OF EVERY NATURE WHETHER SHOWN HEREON OR NOT AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE COST OF REPAIR OR REPLACEMENT OF SAID UTILITIES DAMAGED BY OPERATION.
9. PROTECT IN PLACE ALL EXISTING TELEPHONE OR POWER POLES WITHIN THE VICINITY OF THIS PROJECT.
10. STATEMENT OF QUANTITIES:

CUT EXCAVATION CUT	C.Y.
FILL	C.Y.

SPECIAL NOTE:

THE QUANTITIES AS SHOWN HEREON ARE FOR PERMIT AND/OR BONDING PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES PRIOR TO THE START OF GRADING AND ACCOUNT FOR DISTRIBUTING ANY EXCESS MATERIAL OR SUPPLYING ANY DEFFICIENCIES TO BRING SITE TO DESIGN GRADE. QUANTITIES SHOWN HEREON WERE CALCULATED FROM EXISTING GROUND TO 6" BELOW FINISH CONCRETE OR A.C. SURFACE WITH NO ALLOWANCE FOR COMPACTION OR SUBSIDENCE.

BENCH MARK:

CONCRETE CROSS TOP OF CONCRETE WALL ON NORTH SIDE OF DIVERSION CHANNEL AT SOUTHERN EXTENSION OF WEST RIGHT OF WAY LINE OF AMHERST DRIVE.

ELEVATION = 5119.05

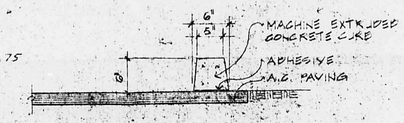
NOTE:

ADD 5100 FT. TO ALL ELEVATIONS SHOWN HEREON TO OBTAIN TRUE DATUM.

CONSTRUCTION NOTES:

1. CONSTRUCT 6" MACHINE EXTRUDED CONCRETE CURB
2. CONSTRUCT MIN. 2" A.C. PAVING OVER 2" A.B. VERIFY W/ GENERAL CONTRACTOR
3. A.C. PAVING TO BE FLUSH W/ FIN. SURFACE OF SIDEWALK AROUND BUILDING UNLESS OTHERWISE NOTED
4. CONSTRUCT 3 SINGLE CATCH BASIN PER CITY OF ALBUQUERQUE STD. DWG. NO 5-14
5. CONSTRUCT 236 L.F. OF 18 R.C.P.

SECTION C-C
SCALE 1"=2'0"



TYPICAL PLANTER CURB
SCALE 1"=1'0"

REVIEWED & CHECKED BY:
A & E ENGINEERING, INC.
5823 LOMAS BLVD. NE.
ALBUQUERQUE, NEW MEXICO

GRADING & DRAINAGE PLAN

REVISIONS			
NO.	DATE	BY	
1			
2			
3			
4			
5			

WESTERN 6 MOTEL
ALBUQUERQUE NEW MEX.

DRAWN BY: RDW
DATE: 8-1-72

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