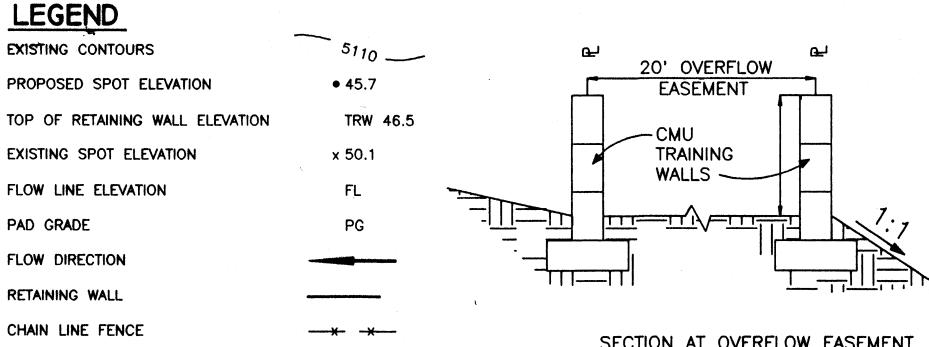
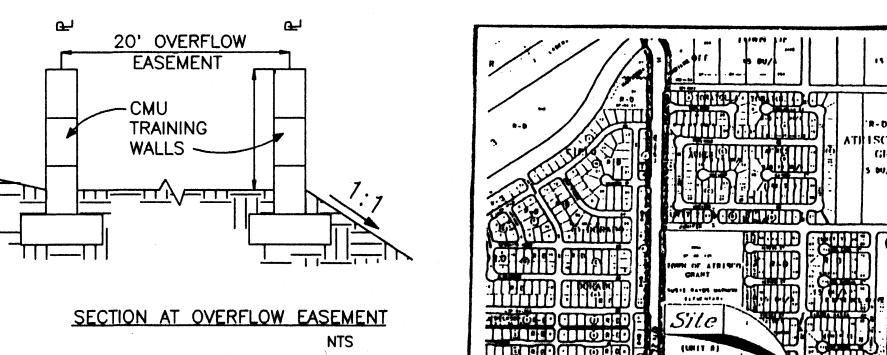


10 30



SAW CUT EXISTING ASPHALT

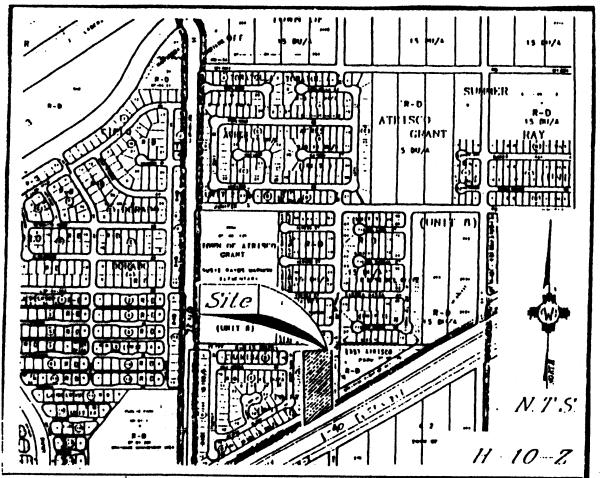


3 - #4 bars ● 12"O.C.

ALLEY GUTTER

#4 BARS • 24"O.C.

INVERTED CROWN



VICINITY MAP

LEGAL DESCRIPTION

TRACT 271, TOWN OF ATRISCO GRANT, AIRPORT UNIT. FILED IN VOL. D, FOLIO 117 ON DECEMBER 5, 1944

ENGINEER

DRAINAGE BASIN BOUNDARY

DOUBLE "A" INLET

HEWITT ENGINEERING & ENVIRONMENTAL CONSULTANTS 2433 PALOMAS DRIVE, NE ALBUQUERQUE, NEW MEXICO 87110 (505) 889-4040

SURVEYOR

SOUTHWEST SURVEYING CO., INC. 333 LOMAS BOULEVARD, N.E. ALBUQUERQUE, NEW MEXICO 87102 (505) 247-4444

BENCHMARK

ACS "6-J10," 3-1/4" ALUMINUM CAP IN THE CENTER MEDIAN OF I-40 0.81 MILES WEST OF COORS BLVD. ELEVATION 5117.13, SLD 1929.

NORTHWEST BONNET BOLT ON FIRE HYDRANT ALONG THE NORTH CURB OF ILIFF ROAD, N.W. (SOUTHWEST CORNER OF ALDEA SOLANA SUBDIVISION). ELEVATION 5122.65.

ZONING

RD (16 DWELLING UNITS/ACRE MAXIMUM)

PROPOSED DEVELOPMENT 16 SINGLE FAMILY RESIDENTIAL LOTS.

LAND AREAS

TRACT 271 1.9825 ACRES 20 FT. VACATION OF 68TH STREET R.O.W. 0.1563 ACRES TOTAL SUBDIVISION AREA 2.1388 ACRES DRAINAGE EASEMENT 0.5585 ACRES

FLOOD HAZARD

TRACT 271 IS LOCATED IN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN) DESIGNATED ON FEMA'S FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY-PANEL MAP NO. 35001C0327 D (SEPTEMBER 20, 1996). AN APPROVED LETTER OF MAP REVISION (LOMR) REMOVED THE SOUTHEASTERN CORNER OF TRACT 271 FROM THE SPECIAL FLOOD HAZARD AREA (SFHA) DESIGNATED ON THE PREVIOUS FIRM (I.E., COMMUNITY-PANEL NO. 350002 0021 C, OCTOBER 14, 1983).

LOCATION AND DESCRIPTION

TRACT 271 IS UNDEVELOPED AND UNDISTURBED. GROUND COVER IS SAGE AND NATIVE GRASSES.
TRACT 271 IS BOUNDED ON THE NORTH BY ILIFF ROAD, NW; ON THE SOUTH BY A DRAINAGE EASEMENT; ON THE WEST BY CHAMISA POINT, UNIT 2; AND ON THE EAST BY THE 68TH STREET R.O.W. (AND (VACANT LAND RESERVED FOR FUTURE DEVELOPMENT OF THE EAST ATRISCO PARK). THE WEST BLUFF OUTFALL, PHASE II STORM INTERCEPTOR (WEST BLUFF INTERCEPTOR) WILL BE CONSTRUCTED IN THE DRAINAGE EASEMENT.

EXISTING CONDITIONS

OFF-SITE DRAINAGE BASINS (TO THE NORTH AND WEST OF TRACT 271) ARE FULLY DEVELOPED. OFF-SITE STORM FLOWS CONVERGE AT ILIFF ROAD AND 68TH STREET. AN ASPHALT-LINED CHANNEL AND 48-INCH STORM DRAIN (WITHIN THE 68TH STREET R.O.W.) CONVEY THESE FLOWS TO THE RETENTION POND ADJACENT TO THE I-40 R.O.W.

STORM FLOW FROM TRACT 271 IS INTERCEPTED AND CONVEYED TO THE RETENTION POND BY THE ASPHALT-LINED CHANNEL.

PROPOSED IMPROVEMENTS

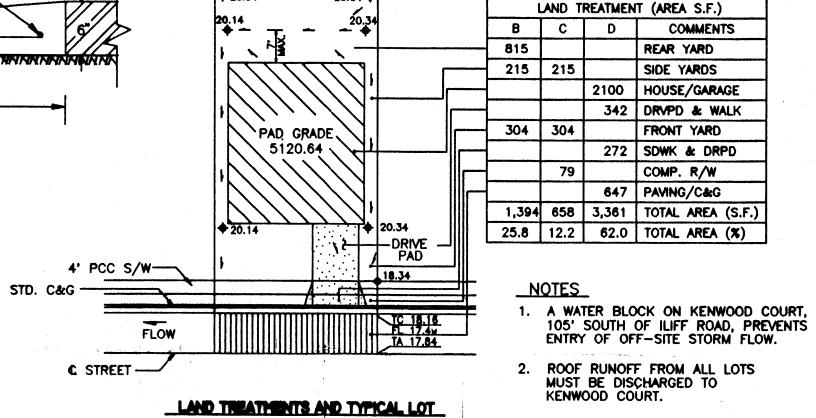
ON-SITE STORM FLOW (5.51 CFS) WILL BE DISCHARGED TO KENWOOD COURT. THIS FLOW WILL BE INTERCEPTED BY A STORM INLET AND CONVEYED TO AN INTERIM RETENTION POND (14,336 FT3 CAPACITY) LOCATED IN THE DRAINAGE EASEMENT. THE RETENTION POND WILL BE SURROUNDED BY A 6 FT HIGH CHAIN LINK FENCE.

ON-SITE STORM FLOW (0.24 CFS) FROM THE BACKYARDS OF LOTS 1-7, WILL BE DISCHARGED TO THE ASPHALT-LINED CHANNEL. ON-SITE STORM FLOW (1.73 CFS) FROM LOTS 1, 2, 15, AND 16 WILL BE DISCHARGED TO ILIFF ROAD. A WATER BLOCK IN KENWOOD COURT WILL PREVENT ENTRY OF OFF-SITE STORM FLOW FROM ILLIF ROAD.

THE INTERIM RETENTION POND WILL BE ELIMINATED, AND THE KENWOOD COURT STORM DRAIN WILL BE EXTENDED, ON COMPLETION OF THE WEST BLUFF INTERCEPTOR.

SITE HYDROLOGY ('EXISTING AND FULLY DEVELOPED' CONDITIONS)

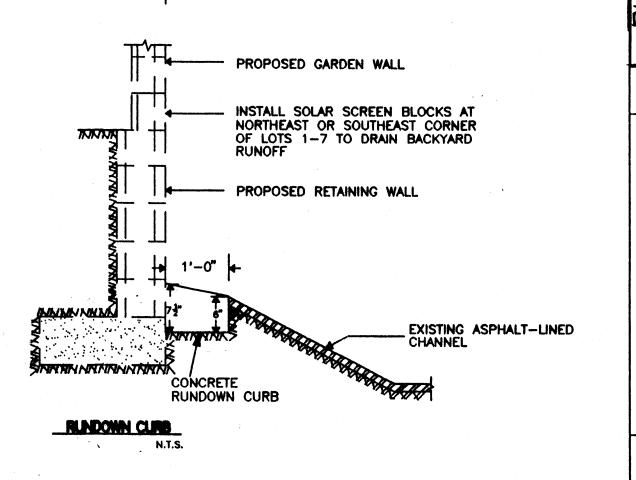
CALCULATIONS AND SUPPLEMENTAL HYDROLOGIC AND HYDRAULIC INFORMATION ARE INCLUDED IN THE DRAINAGE REPORT FOR THE CANDLEWOOD SUBDIVISION.



GRADING PLAN

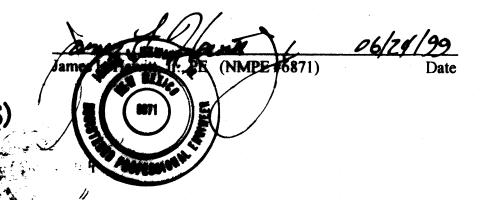
1 1

3. BACKYARD RUNOFF FROM LOTS 1-7 MUST BE DISCHARGED TO THE ASPHALT—
LINED CHANNEL VIA SOLAR SCREEN BLOCKS
INSTALLED AT THE BASE OF THE CMU
GARDEN WALL (AT THE NORTHEAST OR
SOUTHEAST CORNER OF EACH LOT.)



"AS BUILT" INFORMATION

I, the undersigned, being a Professional Engineer registered in the State of New Mexico, do hereby certify that this drawing was prepared by me, and that the as-built information shown hereon is based on actual field measurements performed by Aldrich Land Surveying. I further certify that this information is true and correct to the best of my knowledge.



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP									
TITLE: CANDLEWOOD SUBDIVISION CRADING AND DRAINAGE PLAN									
Design Review Co	ommittee	City Engine	er Approval	Jesign Update	Me	o./Dey	∕Yr.		Mo.,

City Project No. Zone Map No. Sheet DRB-97-46