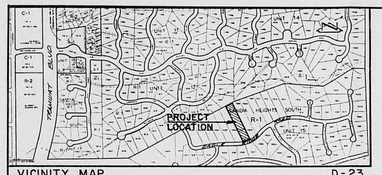


VICINITY MAP D-23

SCALE 1"=800'

LEGAL DESCRIPTION

LOT 1507, SANDIA HEIGHTS SOUTH, UNIT 15, ALBUQUERQUE, NEW MEXICO

PROJECT BENCHMARK

A.C.S. STA. 1-D24, A STANDARD A.C.S. BRASS TABLET STAMPED "1-D24", CAMPSETED IN TOP OF A 2" IRON PIPE PROJECTING 1FT. ABOVE GROUND, TO MARK THE STATION FROM THE INTERSECTION OF MONTGOMERY BLVD & TRAMWAY ROAD, GO NORTH ON TRAMWAY 2.0 MILES TO A POWER LINE ON THE EAST; GO EAST ON THE SOUTH SIDE OF POWER LINE 1.0 MILES TO THE STATION AT A POWER COMPANY.
ELEVATION = 6266.00 FEET (N.G.V.D.)

TEMPORARY BENCHMARK #1

REBAR W/ALUM CAP FOUND AT SOUTHEAST PROPERTY CORNER, AS SHOWN HEREON
ELEVATION = 6181.57 FEET

TEMPORARY BENCHMARK #2

REBAR W/ALUM CAP FOUND AT NORTHWEST PROPERTY CORNER, AS SHOWN HEREON
ELEVATION = 6123.17 FEET

LEGEND

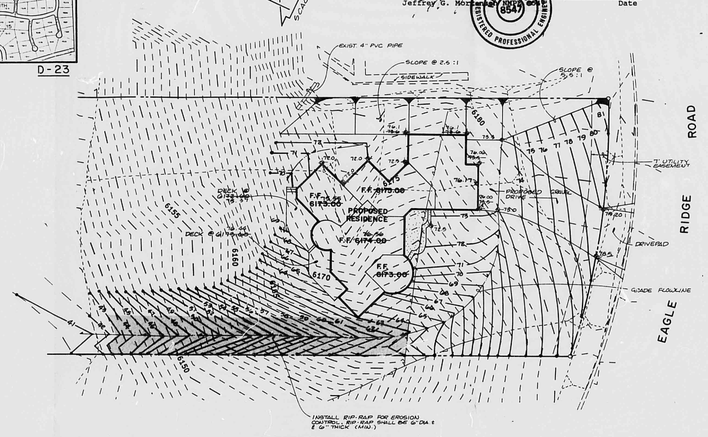
- 6150 — EXISTING CONTOUR
- 6145 — EXISTING SPOT ELEVATION
- EXISTING SCALE
- TC — TOP OF CURB
- TA — TOP OF ASPHALT
- TOP OF BUILT SLOPE
- TOE OF BUILT SLOPE
- R.P. BURIED AREA
- PROPOSED CONTOUR
- 7115 — PROPOSED SPOT ELEVATION
- 7117 — AS-BUILT ELEVATION

FINISHED FLOOR CERTIFICATION

The as-built elevations shown hereon indicate that the finished floor of the residence was constructed approximately 2.5 feet higher than the approved design elevation. This results in a higher elevation above the corresponding floodplain elevation. From visual observation, there does not appear to be any drainage of surface water into or toward the new residence.

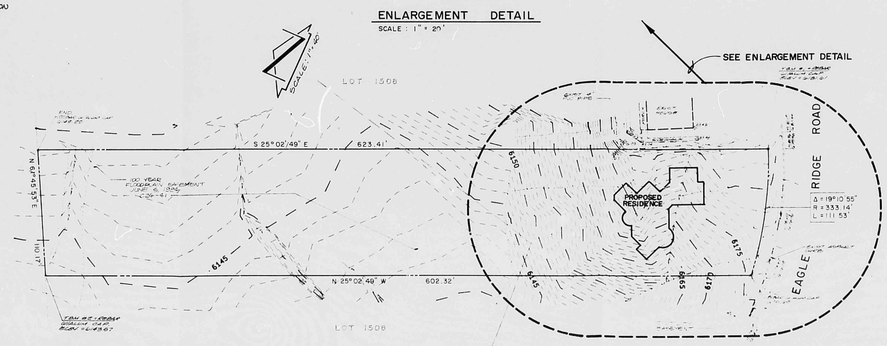
Jeffrey G. Morten 01-03-90
Date

JEFFREY G. MORTENSEN NEW MEXICO 6547 REGISTERED PROFESSIONAL ENGINEER



ENLARGEMENT DETAIL

SCALE 1" = 20'



DRAINAGE PLAN

The following items concerning the Lot 1507, Sandia Heights South - Unit 15 Drainage Plan are contained hereon:

1. Vicinity Map
2. Grading Plan

As shown by the Vicinity Map, this site is located on the north side of Eagle Ridge Road. The northerly portion of the site lies within a dedicated 100-year floodplain easement. Review of Panel 11 of 50 of the National Flood Insurance Program Flood Boundary and Floodway Maps for the City of Albuquerque, New Mexico, reveals that the northerly portion of this site lies within an "AO-2" zone. Consequently, no development is proposed within the dedicated easement. Furthermore, the proposed structure and development will be located approximately 30 feet vertically above the designated flood zone. This should provide ample protection of the structure from the flooding which has been mapped.

The Grading Plan shows 1) existing topography, 2) proposed grading, 3) the limit of the proposed improvements, 4) the limits of the 100-year floodplain easement as obtained from the plat of record (C24-41) filed June 5, 1984. As shown by this plan, the proposed construction will not encroach upon the aforementioned floodplain. In addition, the finished floor of the structure is located approximately 30 feet higher than the existing grade at the edge of the floodplain easement. Regrading of portions of the lot will be required to facilitate the construction of the house as well as to prevent the discharge of any developed runoff from this site onto neighboring parcels. A ditch is proposed along the west property line of the site to divert developed runoff from the structure to the aforementioned floodplain. Once the runoff reaches the floodplain easement, it will flow in its historic path. Rip-rap is proposed to stabilize the ditch so as not to accelerate the erosion of soil from the site. Eventually, this area will revegetate naturally, thereby providing additional stability.

CONSTRUCTION NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 765-1234, FOR LOCATION OF EXISTING UTILITIES.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
5. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

EROSION CONTROL MEASURES

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES AND METTING THE SOIL TO KEEP IT FROM BLOWING.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.

OWNER PHONE 292-8414

JEFFREY G. MORTENSEN NEW MEXICO 6547 REGISTERED PROFESSIONAL ENGINEER
4-17-89

RECEIVED JAN 03 1990 HYDROLOGY SECTION

REF 21 DATE 2-24-93 CP LSP

CITY OF ALBUQUERQUE

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Karen Aman
CITY CLERK RECORDER

OFFICIAL SEAL NORMERTA SANCHEZ NOTARY PUBLIC STATE OF NEW MEXICO My Commission Expires May 8, 1996
Normerta Sanchez

THIS PLAN SHOT TWICE ONCE ON LIGHT AND ONCE ON DARK.

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

PLANS/PLATS ON FILE

FILE DESC: D-23 / D022

PLANS/PLATS 1

JMA JEFFREY MORTENSEN & ASSOCIATES, INC.
811 DALLAS, N.E. ALBUQUERQUE, NM 87110
ENGINEERS TELEPHONE (505) 265-5611

GRADING & DRAINAGE PLAN

LOT 1507, SANDIA HEIGHTS SOUTH - UNIT 15

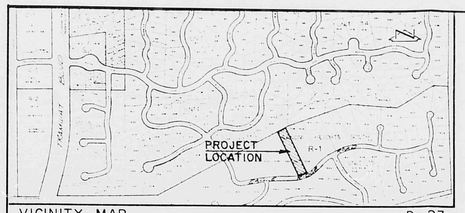
DESIGN BY	J.G.M.
DRAWN BY	J.M.A.
APPROVED BY	J.G.M.

NO.	Date	By	Revision

JOB NO 890302
DATE 4 - 1989
SHEET 1 OF 1

D-23 / D022

F 30 D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D F



VICINITY MAP D-23

SCALE 1" = 800'

LEGAL DESCRIPTION

LOT 1507, SANDIA HEIGHTS SOUTH, UNIT 15, ALBUQUERQUE, NEW MEXICO

PROJECT BENCHMARK

A.C.S. STA. 1024, A STANDARD A.C.S. BRASS TABLET STAMPED "1024" CEMENTED IN TOP OF A 12" ROW PAR PROJECTING 1FT ABOVE GROUND. TO REACH THE STATION FROM THE INTERSECTION OF MONTGOMERY BLVD & TRAMWAY ROAD, GO NORTH ON TRAMWAY 0.0 MILES TO A PIPELINE ON THE EAST, GO EAST ON THE SOUTH SIDE OF PIPELINE 1.0 MILES TO THE STATION AT A PIPELINE CROSSING.
ELEVATION = 6266.00 FEET (N.G.V.D.)

TEMPORARY BENCHMARK #1

REBAR W/ALUM CAP FOUND AT SOUTHEAST PROPERTY CORNER, AS SHOWN HEREON.
ELEVATION = 6181.61 FEET

TEMPORARY BENCHMARK #2

REBAR W/ALUM CAP FOUND AT NORTHWEST PROPERTY CORNER, AS SHOWN HEREON.
ELEVATION = 6173.57 FEET

LEGEND

- 6150 — EXISTING CONTOUR
- + 5.4 — EXISTING SPOT ELEVATION
- → EXISTING FLOWLINE
- TC — TOP OF CURB
- TA — TOP OF ASPHALT
- TOP OF EXIST SLOPE
- TOE OF EXIST SLOPE
- EP CUTTED AREA
- 71 — PROPOSED CONTOUR
- + 72.5 — PROPOSED SPOT ELEVATION
- × 72.5 — AS BUILT ELEVATION

FINISHED FLOOR CERTIFICATION

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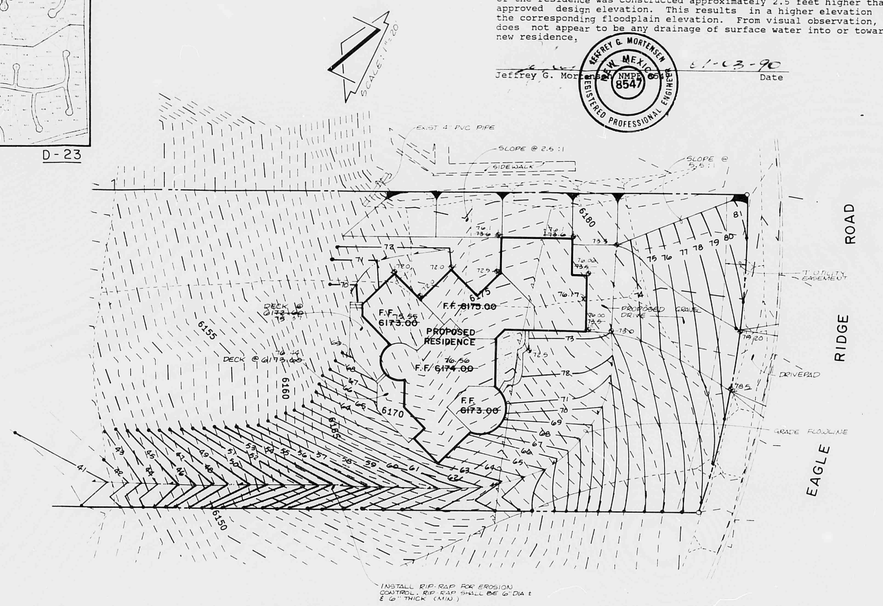
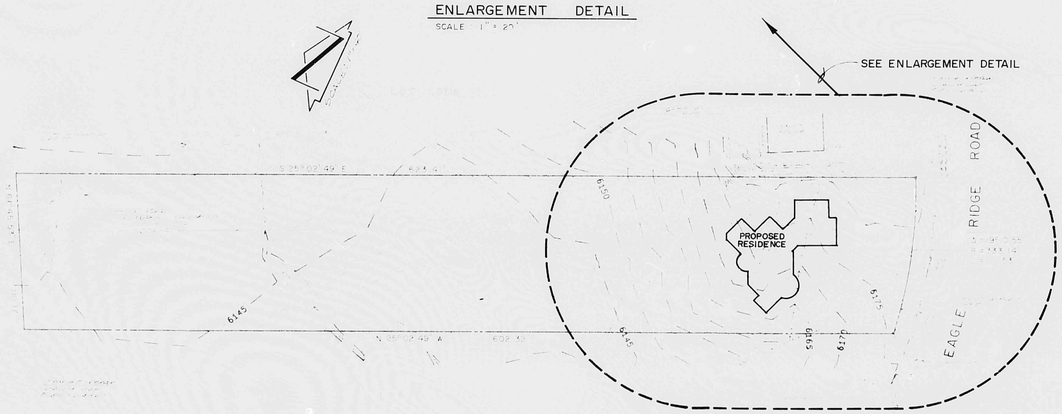
Jeffrey G. Mortensen — 5-23-90 Date

JEFFREY G. MORTENSEN NEW MEXICO NMPE 8547 REGISTERED PROFESSIONAL ENGINEER



ENLARGEMENT DETAIL

SCALE 1" = 20'



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JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

THIS PLAN SHOT TWICE ONCE ON LIGHT AND ONCE ON DARK.

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

RF 21 DATE 2-24-93 OP 02

CITY OF ALBUQUERQUE
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CITY CLERK RECORDER
OFFICIAL SEAL NORBERTA SANCHEZ NOTARY PUBLIC STATE OF NEW MEXICO My Commission Expires May 8, 1993

JMA — JEFF MORTENSEN & ASSOCIATES, INC. 8310 LAN NE ALBUQUERQUE, NM 87109 ENGINEERS TELEPHONE (505) 265-5411

GRADING & DRAINAGE PLAN

LOT 1507, SANDIA HEIGHTS SOUTH - UNIT 15

DESIGN BY	J.G.M.
DRAWN BY	J.M.A.
APPROVED BY	J.G.M.

NO.	DATE	BY	REVISION

JOB NO.	890302
DATE	4-1989
SHEET	1 OF 1

D-5 / 1022

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