PUBLIC WORKS/HYDROLOGY
D23/D16

1 OF 2

DRAINAGE PLAN

The following items concerning the Lot 1518, Unit 1518, Unit 15, Sandia Heights South Drainage Plan are contained hereon:

1. Vicinity Map
2. Grading Plan

As shown by the Vicinity Map, this site is located on Eagle Ridge Terrace. The northerly portion of the site lies within the 100 year floodplain with a 2' design depth. This has been determined through a review of Panel 11 of 50 of the National Flood Insurance Program Flood Boundary and Floodway Maps for the City of Albuquerque, New Mexico. In accordance with the County Floodplain Ordinance, the corresponding floor elevations of the proposed structures should be at or above the corresponding floodplain elevation.

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• DEDICATION OF FLOODPLAIN ?
• CUT OFF WALL
• Recordable document to inform future owners of required cut off wall responsibilities.
• certified topo map + property survey (old version from Lynn Rice)

LEGEND

05	PROPOSED CONTOUR
6200	EXISTING CONTOUR
98.0	PROPOSED SPOT ELEVATION
	PROPOSED RETAINING WALL
	PROPOSED GRADE SWALE
	EXISTING 2' DEPTH LINE
	EXISTING 100 YEAR FLOOD PLAIN EASEMENT PER PLAT C24-41-4
	BOUNDARY LINE

GRADING AND DRAINAGE PLAN PREPARED UNDER THE SUPERVISION OF

JEFFREY E. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

5-5-2.2

TOPOGRAPHIC SURVEY PREPARED BY OTHERS AND PROVIDED BY OWNER. ITS ACCURACY IS HEREBY DISCLAIMED AS IT RELATES TO THIS DRAWING.

EAGLE RIDGE TERRACE

Δ = 59°36'54"
R = 40.00'
L = 41.62'

JMA

JEFF MORTENSEN & ASSOCIATES, INC.
BUDDIN NE ALBUQUERQUE NORTH
ENGINEERS (505) 345-8211

880591

LEGAL DESCRIPTION
LOT 1518, UNIT 15, SANDIA HEIGHTS SOUTH

VICINITY MAP D-23
SCALE 1" = 800'

RE 24 DATE 3.15.02 OD

CITY OF ALBUQUERQUE

This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the **Public Works Department** and was created in the normal course of business.

The photographic process used meets the Basic Microfilm Standards of the National Micrographics Association (MS1A5-1977)

3/15/02
DIRECTOR

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Roberta Duran
NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
07/02/02

PLANS/PLATS ON FILE

FILE DESC: D23/D16

PLANS/PLATS 5

F 30 D 24 C 20 B 16 A 12

CITY OF ALBUQERQUE

C D F

DRAINAGE PLAN

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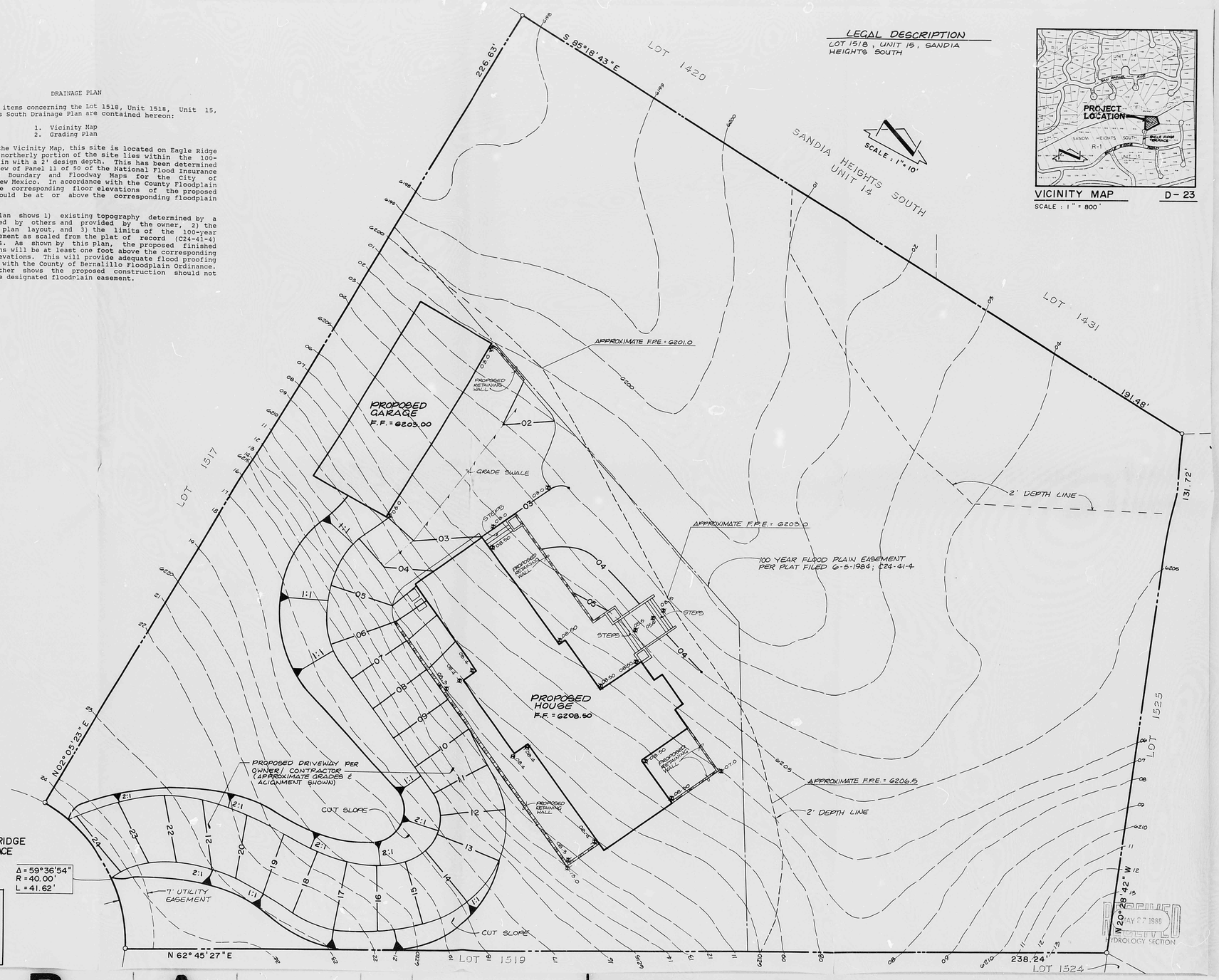

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CITY OF ALBUQUERQUE

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Roberta Duran
NOTARY PUBLIC

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Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
07/02/02

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

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LEGEND

- 05 — PROPOSED CONTOUR
- 6205 — EXISTING CONTOUR
- 6200 — PROPOSED SPOT ELEVATION
- PROPOSED RETAINING WALL
- PROPOSED GRADE SWALE
- EXISTING 2' DEPTH LINE
- EXISTING 100 YEAR FLOOD PLAIN EASEMENT PER PLAT C24-41-4
- BOUNDARY LINE

GRADING AND DRAINAGE PLAN PREPARED UNDER THE SUPERVISION OF

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

6-27-88

TOPOGRAPHIC SURVEY PREPARED BY OTHERS AND PROVIDED BY OWNER. ITS ADEQUACY IS HEREBY DISCLAIMED AS IT RELATES TO THIS DRAWING.

jma

JEFF MORTENSEN & ASSOCIATES, INC.
8110 DALIAN N.E. ALBUQUERQUE NM 87110
ENGINEERS TELEPHONE (505) 265-5611

880591

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3/15/02
DIRECTOR

NOTARY PUBLIC
OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
07/02/02

MAY 27 1988
CITY OF ALBUQUERQUE
COPY SECTION

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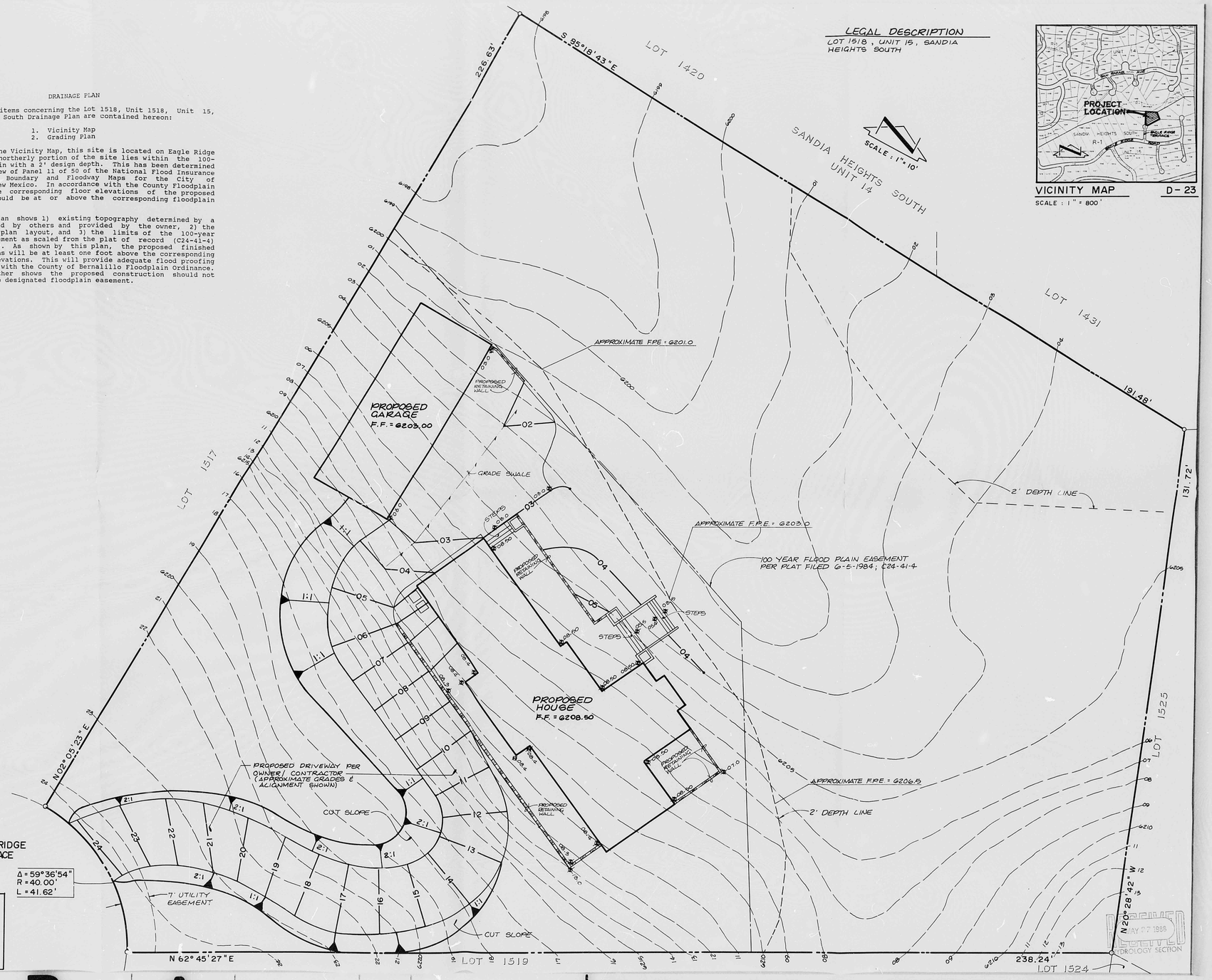

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CITY OF ALBUQUERQUE

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DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 07/07/02

D 24 C 20 B 16 A 12

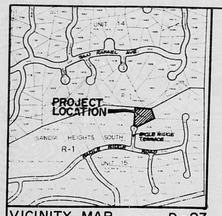
CITY OF ALBUQUERQUE

C D

PUBLIC WORKS/HYDROLOGY

D23/D16

2 OF 2



VICINITY MAP D-23

SCALE : 1" = 800'

PROJECT BENCHMARK

STATION IS A STANDARD A.C.S. BRASS TABLET, STAMPED "1-D24", CEMENTED IN TOP OF A 2 INCH IRON PIPE PROJECTING 1 FT. ABOVE GROUND. TO REACH STATION FROM INTERSECTION OF MONTGOMERY BLVD. & TRAMWAY RD., GO NORTH ON TRAMWAY 2.0 MILES TO A FENCE LINE ON THE EAST; GO EAST ON THE SOUTH SIDE OF FENCE LINE 1.0 MILES TO THE STA. AT A FENCE CORNER. ELEV.= 6262.0 FT. (M.S.L.D.)

T.B.M. # 1

TOP OF REBAR ELEVATION. REBAR LOCATED AT THE SOUTHWEST PROPERTY CORNER AS SHOWN ON THE DRAWING.
ELEV. = 6226.09 FEET (M.S.L.D.)

T.B.M. # 2

TOP OF REBAR ELEVATION. REBAR LOCATED AT NORTHEAST PROPERTY CORNER AS SHOWN ON THE DRAWING.
ELEV. = 6212.42 FEET (M.S.L.D.)

LEGAL DESCRIPTION

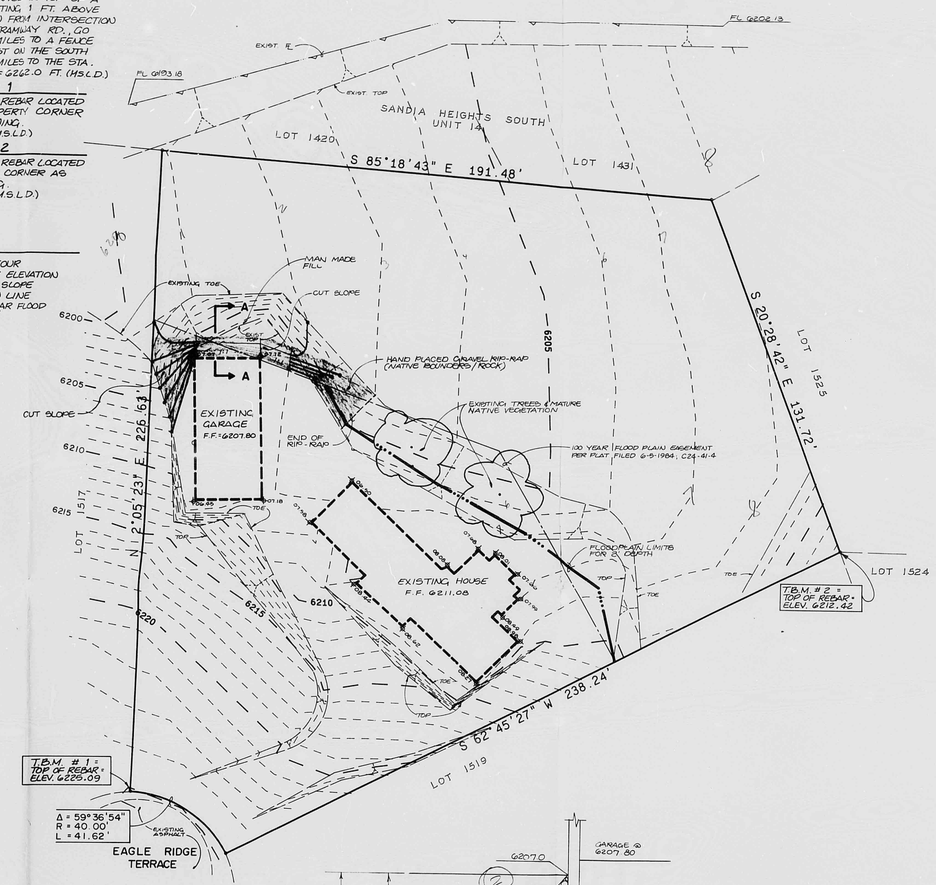
LOT 1518, UNIT 15, SANDIA HEIGHTS SOUTH

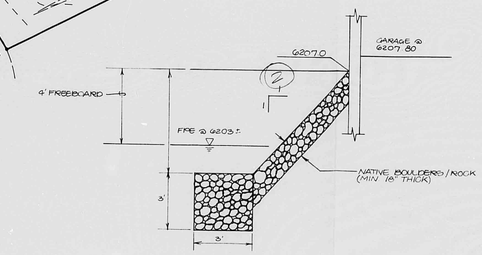
LEGEND

- 6210 — EXISTING CONTOUR
- + EXISTING SPOT ELEVATION
- EXISTING SIDE SLOPE
- EXISTING FLOW LINE
- EXISTING 100 YEAR FLOOD PLAIN EASEMENT

SCALE : 1" = 20'

20' 10' 0 20'





SECTION A-A

SCALE 1" = 3'-0"

DRAINAGE PLAN

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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 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 WETTING 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.

JMA JEFF MORTENSEN & ASSOCIATES, INC.
811 DALIAS N.E. ALBUQUERQUE, N.M. 87110
ENGINEERS TELEPHONE (505) 265-5611

TOPOGRAPHIC SURVEY &
GRADING AND DRAINAGE PLAN
SUMNER HOUSE

DESIGN BY	G.C.J.
DRAWN BY	S.G.H.
APPROVED BY	J.G.M.

No.	Date	By	Revision

JOB NO. 880591
DATE 6-88
SHEET 1 OF 1

LICENSED PROFESSIONAL ENGINEER JEFFREY G. MORTENSEN NEW MEXICO 8547

RECEIVED JUL 05 1988 HYDROLOGY SECTION

PLAN SHOT TWICE ONCE ON LIGHT ONCE ON DARK

CITY OF ALBUQUERQUE
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RL 24 DATE 7-15-02 OP BP

CITY OF ALBUQUERQUE
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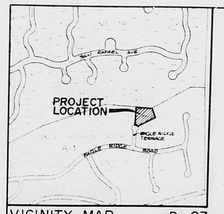
DIRECTOR

NOTARY PUBLIC
OFFICIAL SEAL Roberta Duran NOTARY PUBLIC STATE OF NEW MEXICO
My Commission Expires 07/02/02

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



VICINITY MAP D-23

SCALE : 1" = 800'

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LEGEND

- 6210 — EXISTING CONTOUR
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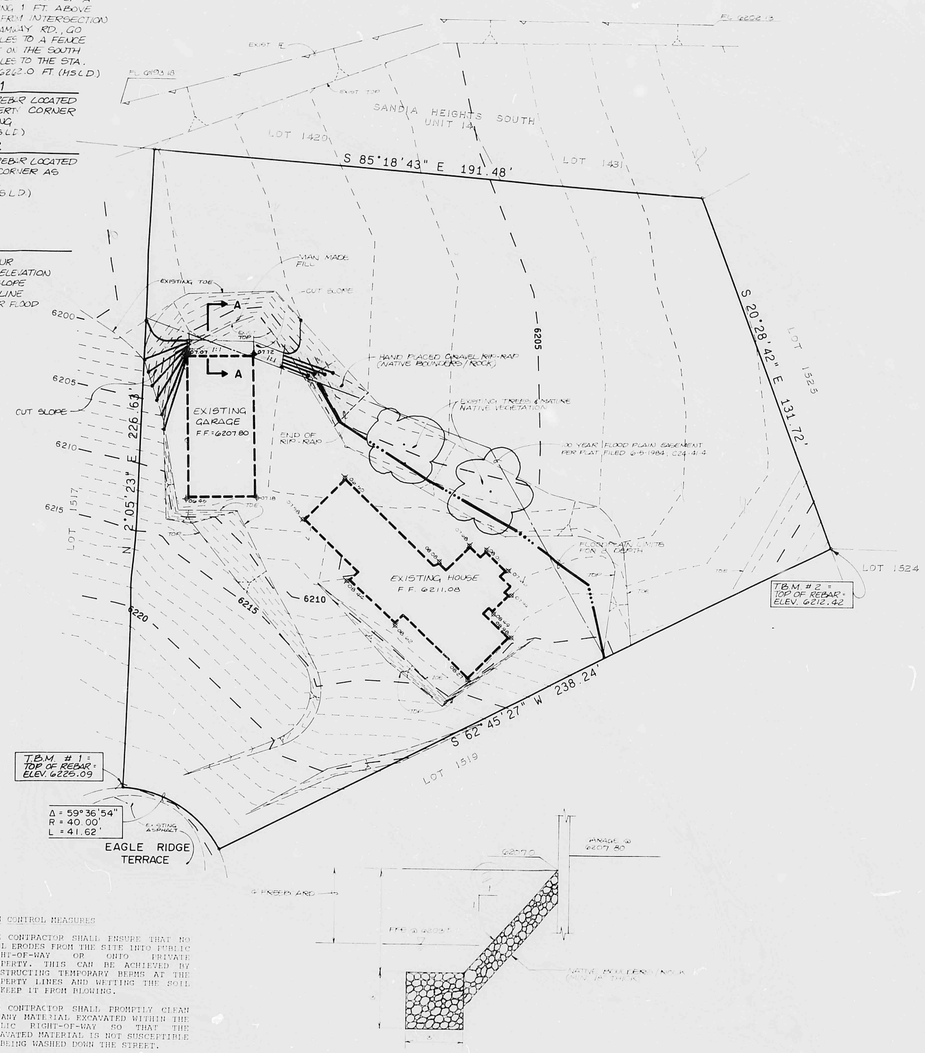
- EXISTING 100 YEAR FLOOD PLAIN EASEMENT

SCALE : 1" = 20'

20' 10' 0 20'

LEGAL DESCRIPTION

LOT 1518, UNIT 15, SANDIA HEIGHTS SOUTH



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SECTION A-A

SCALE 1" = 4'-0"

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JMA — JEFF MORTENSEN & ASSOCIATES, INC. SUMMER ST. ALBUQUERQUE, NM 87108 ENGINEERS TELEPHONE 265-2611

TOPOGRAPHIC SURVEY & GRADING AND DRAINAGE PLAN

SUMNER HOUSE

DESIGN BY	G.C.J.	No.	Date	By	Revision	JOB NO.	880591
DRAWN BY	S.G.H.					DATE	6-88
APPROVED BY	J.G.M.					SHEET 1 OF 1	

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

PLAN SHOT TWICE ONCE ON LIGHT ONCE ON DARK

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R# 24 DATE 3-15-02 OP

CITY OF ALBUQUERQUE

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DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL Roberta Duran NOTARY PUBLIC STATE OF NEW MEXICO 07/03/02

D24 C20 B16 A12 CITY OF ALBUQUERQUE C D