CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director

Mayor Timothy M. Keller

March 6, 2025

Ron Hensley, P.E.
THE Group
300 Branding Iron Rd. SE
Rio Rancho, NM 87124

RE: 13554 Ellena Gallegos Pl NE
Engineer's Certification Date: 03/04/2025
Engineer's Stamp Date: 09/02/2022
Hydrology File: E24D002B

Dear Mr. Hensley:

Based on the Certification received 03/04/2025 and a site visit on 03/05/2025, this letter serves as a "green tag" from Hydrology Section for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

Sincerely,

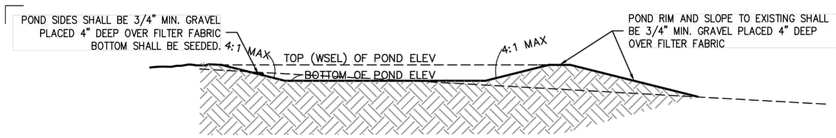
Anthony Montoya, Jr., P.E., CFM
Senior Engineer, Hydrology
Planning Department, Development Review Services

PO Box 1293

Albuquerque

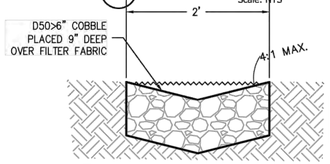
NM 87103

www.cabq.gov



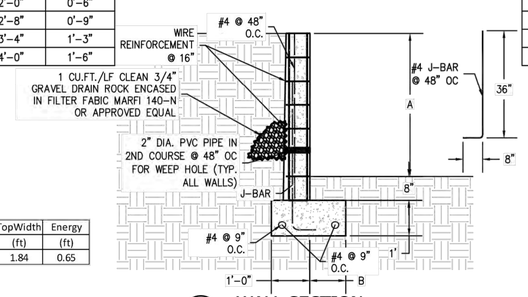
DIMENSION TABLE	
MAX A	B
2'-0"	0'-6"
2'-8"	0'-9"
3'-4"	1'-3"
4'-0"	1'-6"

1 POND SECTION
Scale: NTS



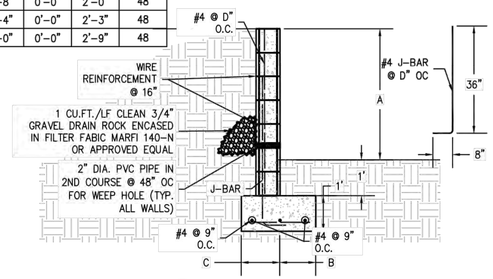
Slope	Depth	Q	Area	Veloc	Wp	Yc	TopWidth	Energy
(ft/ft)	(ft)	(cfs)	(sqft)	(ft/s)	(ft)	(ft)	(ft)	(ft)
0.25	0.23	1.1	0.21	5.2	1.9	0.35	1.84	0.65

2 POND SWALE SECTION
Scale: NTS

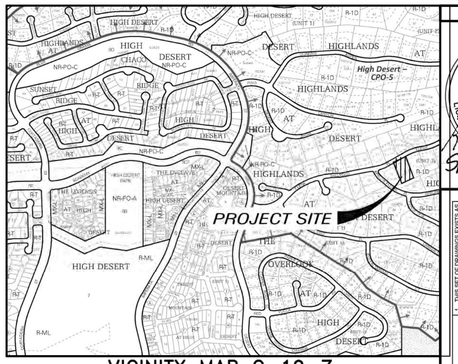


3 WALL SECTION
Scale: 1"=2'

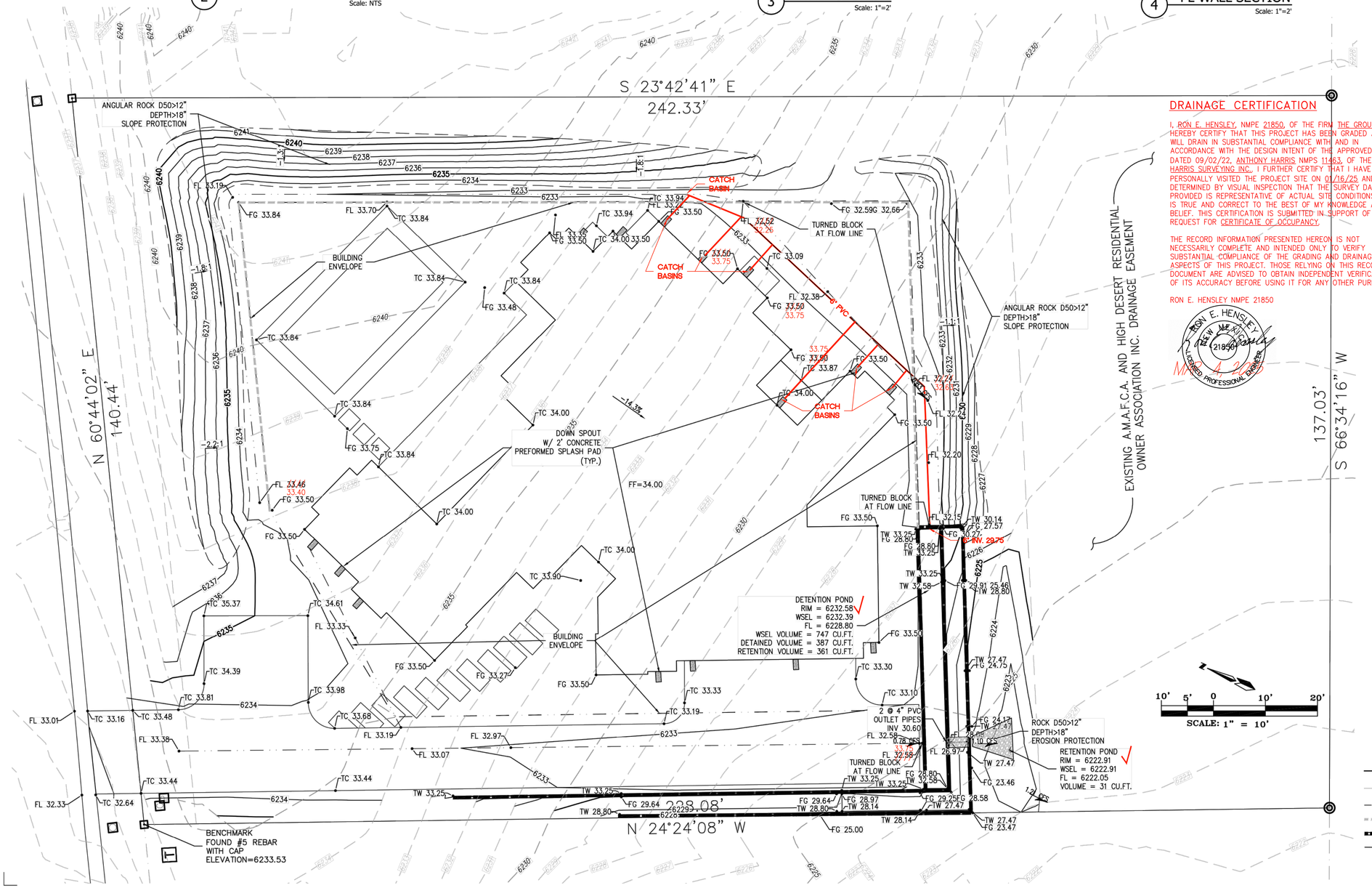
PL WALL DIM. TABLE			
MAX A	B	C	D
2'-0"	0'-0"	1'-6"	48
2'-8"	0'-0"	2'-0"	48
3'-4"	0'-0"	2'-3"	48
4'-0"	0'-0"	2'-9"	48



4 PL WALL SECTION
Scale: 1"=2'



VICINITY MAP C-19-Z



DRAINAGE CERTIFICATION

I, RON E. HENSLEY, NMPE 21850, OF THE FIRM, THE GROUP, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH, AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 09/02/22, ANTHONY HARRIS NMPS 11463, OF THE FIRM HARRIS SURVEYING INC.. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 01/16/25 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

RON E. HENSLEY NMPE 21850

RON E. HENSLEY NEW MEXICO 21850 REGISTERED PROFESSIONAL ENGINEER
SEPT. 2 2022

CONTRUCTOR NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

2. THE EROSION PROTECTION SPECIFIED ON THIS PLAN IS THE MINIMUM RECOMMENDED. THE OWNER IS ENCOURAGED TO INCORPORATE EROSION RESISTANT LANDSCAPING ON AREAS WHERE EROSION MAY OCCUR SUCH AS SLOPES AND SWALES. THE OWNER IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL FEATURES NECESSARY TO PRESERVE THE DESIGN INTENT OF THE GRADING PLAN.

3. THE DRAINAGE INFRASTRUCTURE SHOWN ON THIS PLAN IS THE RESPONSIBILITY OF THE PROPERTY OWNER.

4. ALL DISTURBED AREAS OUTSIDE THE BUILDING PAD MUST BE RESEEDED WITH MARIPOSA SEED MIX.

5. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.

6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.

GENERAL NOTES

THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY 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. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, ARE INTENDED FOR USE ON THIS PROJECT AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF THE GROUP. IN THE EVENT OF UNAUTHORIZED USE, THE USER ASSUMES ALL RESPONSIBILITY AND LIABILITY WHICH RESULTS.

REQUIRED WATER QUALITY VOLUME

LOT DRAINAGE AS DEPICTED ON THIS PLAN SHALL BE MAINTAINED.

LOT DEPICTED HEREON SHALL BE RESPONSIBLE FOR MAINTAINING WATER QUALITY RETENTION ON THE LOT IMMEDIATELY PRIOR TO DISCHARGE. THE VOLUME SHALL BE EQUAL TO: IMPERVIOUS AREA * 0.42/12 IN CUBIC FEET.

IMPERVIOUS AREA = 8,250 SQ.FT.

REQUIRED VOLUME = 8,250 * 0.42/12 = 289 CU.FT.
VOLUME PROVIDED = 361 +31 = 392 CU.FT.

LEGEND

- FLOW ARROW
- XXX SLOPE ARROW
- EL=11.28 PROPOSED ELEVATION
- 66.33 EXISTING ELEVATION
- GRADE BREAK
- 5000 PROPOSED CONTOUR
- 5000 EXISTING CONTOUR
- PROPOSED EASEMENT
- GARDEN WALL
- RETAINING WALL
- SWALE / FLOW LINE
- SPLASH PAD

THE group
THE HENSLEY ENGINEERING GROUP
300 BRANDING IRON RD. SE
RIO RANCHO, NEW MEXICO 87124
Phone:(505) 410-1622

1. THIS SET OF DRAWINGS EXISTS AS AN INSTRUMENT OF SERVICE. RESPONSIBILITY OF EACH PROFESSIONAL ENGINEER ON THE PROJECT TO REVIEW THESE DRAWINGS AND ALL OTHER SHEET MAY CONTAIN WORK PERTINENT TO THEIR RESPECTIVE DISCIPLINES.
2. THESE DRAWINGS SHALL NOT BE REPRODUCED FOR CONSTRUCTION PURPOSES.
3. FIELD VERIFY ALL DIMENSIONS. DIMENSIONS IS NOT RECOMMENDED.

PROJECT ADDRESS:
13554 ELEANA GALLEGOS PL. N.E.
ALBUQUERQUE, NM

CLIENT'S NAME:

DRAWING NAME:
GRADING & DRAINAGE PLAN

PROJECT NAME:
VIGIL RESIDENCE

PROJECT NUMBER:

PROJECT PROGRESS:
BLDG. PERMIT

DRAWN BY:
REH

CHECKED BY: / APPROVED BY:
REH / REH

DATE:
JULY 12, 2022

SCALE:
AS NOTED

SHEET:
C 2