CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



October 28, 2024

Jackie McDowell, P.E. McDowell Engineering, Inc. 7820 Beverly Hills Ave. NE Albuquerque, NM 87122

RE: Wilkie Home

501 Tres Lagunas Ln. NE Permanent C.O. – Accepted

Engineer's Certification Date: 9/30/24

Engineer's Stamp Date: 3/20/23 Hydrology File: E16D016A

Dear Ms. McDowell:

PO Box 1293

Based on the Certification received 10/01/2024 and the site visit on 10/28/2024, 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.

Albuquerque

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

NM 87103

Sincerely,

www.cabq.gov

Anthony Montoya, Jr., P.E. Senior Engineer, Hydrology

anth Mars

Planning Department, Development Review Services



City of Albuquerque

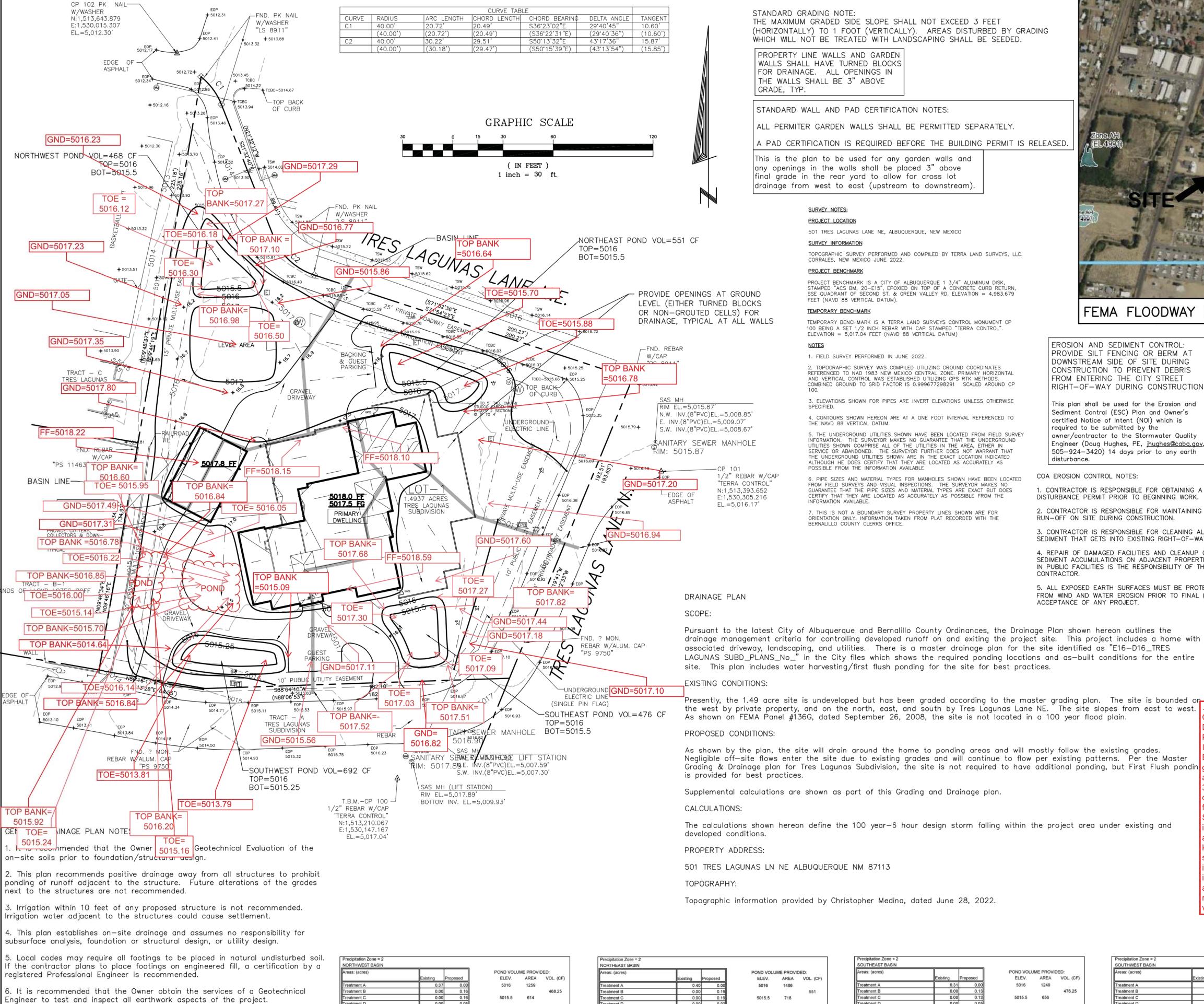
Planning Department

Development & Building Services Division

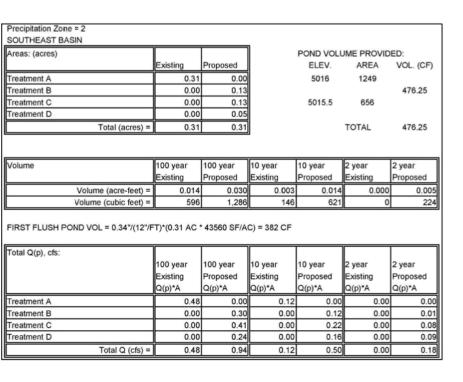
DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

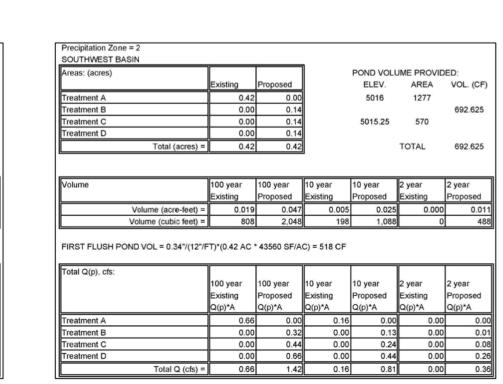
| | _ Building Permit #: | | |
|---|--|--|--|
| DRB#: | | Work Order#: | |
| Legal Description: LOT 1, TRES LAGUNAS SU | | | |
| City Address: 501 TRES LAGUNAS LN NE ALBUC | QUERQUE NM 87113 | | |
| | | Contact: JACKIE MCDOWELL | |
| Address: 7820 BEVERLY HILLS AVE. NE | | | |
| Phone#: 505-828-2430 | _ Fax#: <u>505-821-4857</u> | E-mail: jackmcdowell@comcast.net | |
| | | Contact: WILKIE STEVEN | |
| Address: 7209 CIENEGA RD NW ALBUQUERQUE | NM 87120 | | |
| Phone#: 505-263-5375 | _ Fax#: | E-mail: swilkie@souers-const.com | |
| TYPE OF DEVELOPMENT: PLAT (IS THIS A RESUBMITTAL? Yes DEPARTMENT TRANSPORTATION | XNo | | |
| Check all that Apply: TYPE OF SUBMITTAL: X ENGINEER/ARCHITECT CERTIFICATION PAD CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE REPORT DRAINAGE MASTER PLAN FLOODPLAIN DEVELOPMENT PERMIT A ELEVATION CERTIFICATE | BUILDING P X CERTIFICAT PRELIMINAL SITE PLAN I SITE PLAN I FINAL PLAT APPLIC SIA/ RELEA | TYPE OF APPROVAL/ACCEPTANCE SOUGHT: BUILDING PERMIT APPROVAL X CERTIFICATE OF OCCUPANCY PRELIMINARY PLAT APPROVAL SITE PLAN FOR SUB'D APPROVAL SITE PLAN FOR BLDG. PERMIT APPROVAL FINAL PLAT APPROVAL SIA/ RELEASE OF FINANCIAL GUARANTEE FOUNDATION PERMIT APPROVAL | |
| CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT OTHER (SPECIFY) PRE-DESIGN MEETING? | GRADING P SO-19 APPR PAVING PEI GRADING/ P WORK ORDE CLOMR/LOM FLOODPLAI | ERMIT APPROVAL OVAL RMIT APPROVAL PAD CERTIFICATION ER APPROVAL | |
| DATE SUBMITTED: 9-30-24 | By: JACKIE MCDOWELL | | |
| COA STAFF: | ELECTRONIC SUBMITTAL RECEIVED:_ | | |

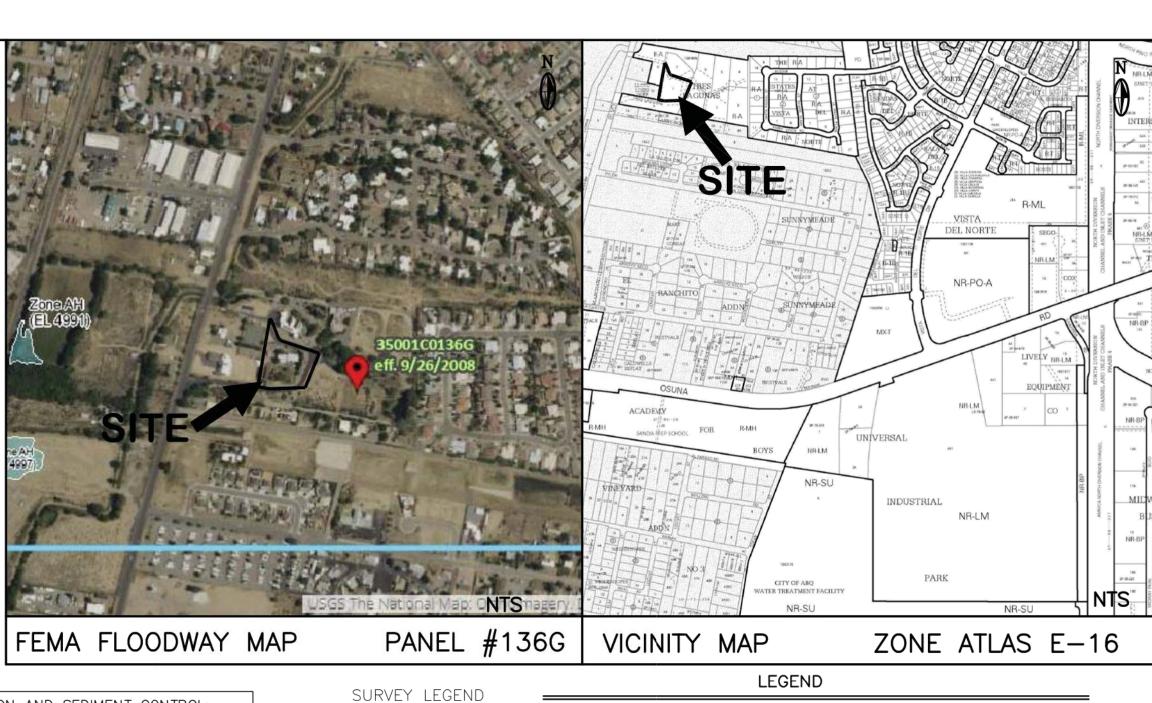
FEE PAID:_____



5015.5 614 TOTAL FIRST FLUSH POND VOL = 0.34"/(12"/FT)*(0.37 AC * 43560 SF/AC) = 456 CF Proposed Existing Q(p)*A POND VOLUME PROVIDED ELEV. AREA VOL. (CF) 5016 1486 5015.5 718







CONTOUR

SPOT ELEVATION

I, CHRISTOPHER A. MEDINA, NEW MEXICO PROFESSIONAL SURVEYOR NO.

15702, DO HEREBY CERTIFY THAT THIS AS-BUILT SURVEY AND THE

PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; THIS SURVEY

MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND

ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WAS

EROSION AND SEDIMENT CONTROL: PROVIDE SILT FENCING OR BERM AT DOWNSTREAM SIDE OF SITE DURING CONSTRUCTION TO PREVENT DEBRIS FROM ENTERING THE CITY STREET RIGHT-OF-WAY DURING CONSTRUCTION

This plan shall be used for the Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) which is required to be submitted by the owner/contractor to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov

505-924-3420) 14 days prior to any earth disturbance.

THE MAXIMUM GRADED SIDE SLOPE SHALL NOT EXCEED 3 FEET

PROPERTY LINE WALLS AND GARDEN WALLS SHALL HAVE TURNED BLOCKS

FOR DRAINAGE. ALL OPENINGS IN THE WALLS SHALL BE 3" ABOVE

SURVEY NOTES:

PROJECT LOCATION

SURVEY INFORMATION

STANDARD WALL AND PAD CERTIFICATION NOTES:

This is the plan to be used for any garden walls and

any openings in the walls shall be placed 3" above

|final grade in the rear yard to allow for cross lot drainage from west to east (upstream to downstream).

CORRALES, NEW MEXICO JUNE 2022.

FEET (NAVD 88 VERTICAL DATUM).

THE NAVD 88 VERTICAL DATUM.

BERNALILLO COUNTY CLERKS OFFICE.

TEMPORARY BENCHMARK

GRADE, TYP.

WHICH WILL NOT BE TREATED WITH LANDSCAPING SHALL BE SEEDED.

ALL PERMITER GARDEN WALLS SHALL BE PERMITTED SEPARATELY.

501 TRES LAGUNAS LANE NE, ALBUQUERQUE, NEW MEXICO

ELEVATION = 5,017.04 FEET (NAVD 88 VERTICAL DATUM)

1. FIELD SURVEY PERFORMED IN JUNE 2022.

A PAD CERTIFICATION IS REQUIRED BEFORE THE BUILDING PERMIT IS RELEASED.

TOPOGRAPHIC SURVEY PERFORMED AND COMPILED BY TERRA LAND SURVEYS, LLC.

PROJECT BENCHMARK IS A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 20-E15", EPOXIED ON TOP OF A CONCRETE CURB RETURN, SSE QUADRANT OF SECOND ST. & GREEN VALLEY RD. ELEVATION = 4,983.679

TEMPORARY BENCHMARK IS A TERRA LAND SURVEYS CONTROL MONUMENT CP 100 BEING A SET 1/2 INCH REBAR WITH CAP STAMPED "TERRA CONTROL".

. TOPOGRAPHIC SURVEY WAS COMPILED UTILIZING GROUND COORDINATES

REFERENCED TO NAD 1983 NEW MEXICO CENTRAL ZONE. PRIMARY HORIZONTAL AND VERTICAL CONTROL WAS ESTABLISHED UTILIZING GPS RTK METHODS.

COMBINED GROUND TO GRID FACTOR IS 0.999677298291 SCALED AROUND CP

3. ELEVATIONS SHOWN FOR PIPES ARE INVERT ELEVATIONS UNLESS OTHERWISE

4. CONTOURS SHOWN HEREON ARE AT A ONE FOOT INTERVAL REFERENCED TO

5. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY

6. PIPE SIZES AND MATERIAL TYPES FOR MANHOLES SHOWN HAVE BEEN LOCATED

INFORMATION. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL OF THE UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT

THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE

FROM FIELD SURVEYS AND VISUAL INSPECTIONS. THE SURVEYOR MAKES NO

CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE

7. THIS IS NOT A BOUNDARY SURVEY PROPERTY LINES SHOWN ARE FOR

DRIENTATION ONLY. INFORMATION TAKEN FROM PLAT RECORDED WITH THE

GUARANTEE THAT THE PIPE SIZES AND MATERIAL TYPES ARE EXACT BUT DOES

COA EROSION CONTROL NOTES: . CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL

2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.

DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL

SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY. 4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY)

> IS CORRECT AND TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE Christophen A Medine

SURVEYOR'S CERTIFICATION:

CONTROL MONUMENT (AS NOTED)

FOUND REBAR (AS NOTED)

♦ FOUND PK NAIL (AS NOTED)

SAS MANHOLE

WATER WELL

TYPE TARD HYDRAN

FIRE HYDRANT

ELECTRIC BOX

← GUY WIRE

D POWER POLE

■ TRANSFORMER

ELECTRIC METER

- STREET SIGN ♦50XX.XX SPOT ELEVATION

TELEPHONE PEDESTAL

UNKNOWN MANHOLE

----- RECORD PROPERTY LINE

OVERHEAD POWER

CONCRETE HATCH

- CHAIN LINK FENCE

UNDERGROUND WATER LINE

UNDERGROUND GAS LINE

UNDERGROUND FIBER OPTIC LINE

ELECTRIC PULLBOX

IRRIGATION VALVE WATER METER

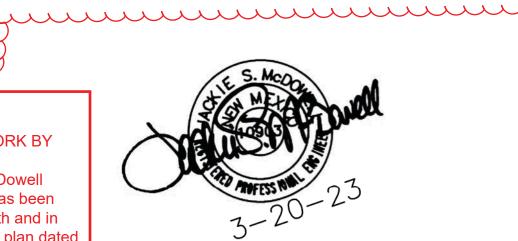
CHRISTOPHER A. MEDINA, NMPLS NO. 15702

CERTIFICATE OF OCCUPANCY DRAINAGE CERTIFICATION WITH SURVEY WORK BY

SEPT. 17, 2024

DATE

PROFESSIONAL SURVEYOR Jackie Mcdowell, NMPE #10903, of the firm McDowell Engineering, Inc., hereby certify that this project has been Grading & Drainage plan for Tres Lagunas Subdivision, the site is not required to have additional ponding, but First Flush ponding graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 3-20-23. The record information edited onto the original design document has been obtained by the surveyor. I further certify that I have personally visited the project site on September 30, 2024 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 the record document are advised to obtain independent verification of its accuracy before using it for any other



EXISTING

___5043----

PROPOSED

B 9/17/2024 6

NEW MEXICO

9-30-24 ENGR CERT FOR CO

ENGINEER'S CERTIFICATION:

I, Jackie S. McDowell, hereby certify that I personally inspected the site shown on this plan on July 20, 2022 and as of that date it appeared that no filling, grading, or excavation had occurred thereon since completion of the topographic survey used to prepare this plan.

501 TRES LAGUNAS LN NE ALBUQUERQUE NM 87113

CITY OF ALBUQUERQUE, BERNALILLO COUNTY

LOT 1 TRES LAGUNAS SUBDIVISION

WILKIE - GRADING & DRAINAGE PLAN

McDowell Engineering, 9nc. TELE: 505-828-2430 EMAIL: JackMcDdowell@comast.net

Checked JSM Drawn STAFF JSM OCTOBER,2022

O. Contactor shall ensure that no site soils/sediment or silt enters the igh—of—ways during construction. 11. Areas disturbed due to construction shall be restored per City of Albuquerque Spec. 1012 native seed mix.

Standard Specifications for Public Works Construction with updates.

not constitute a boundary survey.

safety and health.

7. The property boundary shown on this plan is given for information only to describe the project limits. Property boundary information shown hereon does

8. All work shall be constructed in accordance with the City of Albuquerque

9. All work on this project shall be performed in accordance with applicable

Federal, State, and Local laws, rules, and regulations concerning construction

IRST FLUSH POND VOL = 0.34"/(12"/FT)*(0.40 AC * 43560 SF/AC) = 494 CF