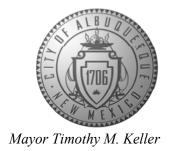
CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



March 28, 2022

Dana Peterson, P.E. AECOM 6501 Americas Pkwy NE Suite 900 Albuquerque, NM 87107

RE: ABCWUA Distribution Fill Soils Yard

5408 2nd St. NW

Grading and Drainage Plan Engineer's Stamp Date: 1/13/22 Hydrology File: F15D056

Dear Mr. Peterson:

Based upon the information provided in your submittal received 2/10/22, the Revised Grading and Drainage Plan is approved for Building Permit and SO-19 Permit.

Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter. Prior to approval in support of Permanent Release of Occupancy by Hydrology, Engineer Certification per the DPM checklist will be required.

If the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality

Engineer (Doug Hughes, PE, jhughes@cabq.gov, 924-3420) 14 days prior to any earth

disturbance.

Albuquerque

NM 87103

www.cabq.gov

Please provide Drainage Covenant for the stormwater quality ponds per Article 6-15(C) of the DPM prior to Permanent Release of Occupancy. Please submit an electronic file of the Covenant and Exhibit for completeness to Marion G. Velasquez at mgvelasquez@cabq.gov. Once the electronic file is approved for completeness, please submit the original copies along with the \$ 25.00 recording fee check made payable to Bernalillo County to Marion on the 4th floor of Plaza de Sol. Please note that Hydrology will need a pdf copy of the recorded Drainage Covenant prior to Hydrology's approval of Permanent Release of Occupancy.

If you have any questions, please contact me at 924-3695 or rbrissette@cabq.gov.

Sincerely,

David G. Gutierrez, P.E. Senior Engineer, Hydrology

Planning Department

Die Gul



City of Albuquerque

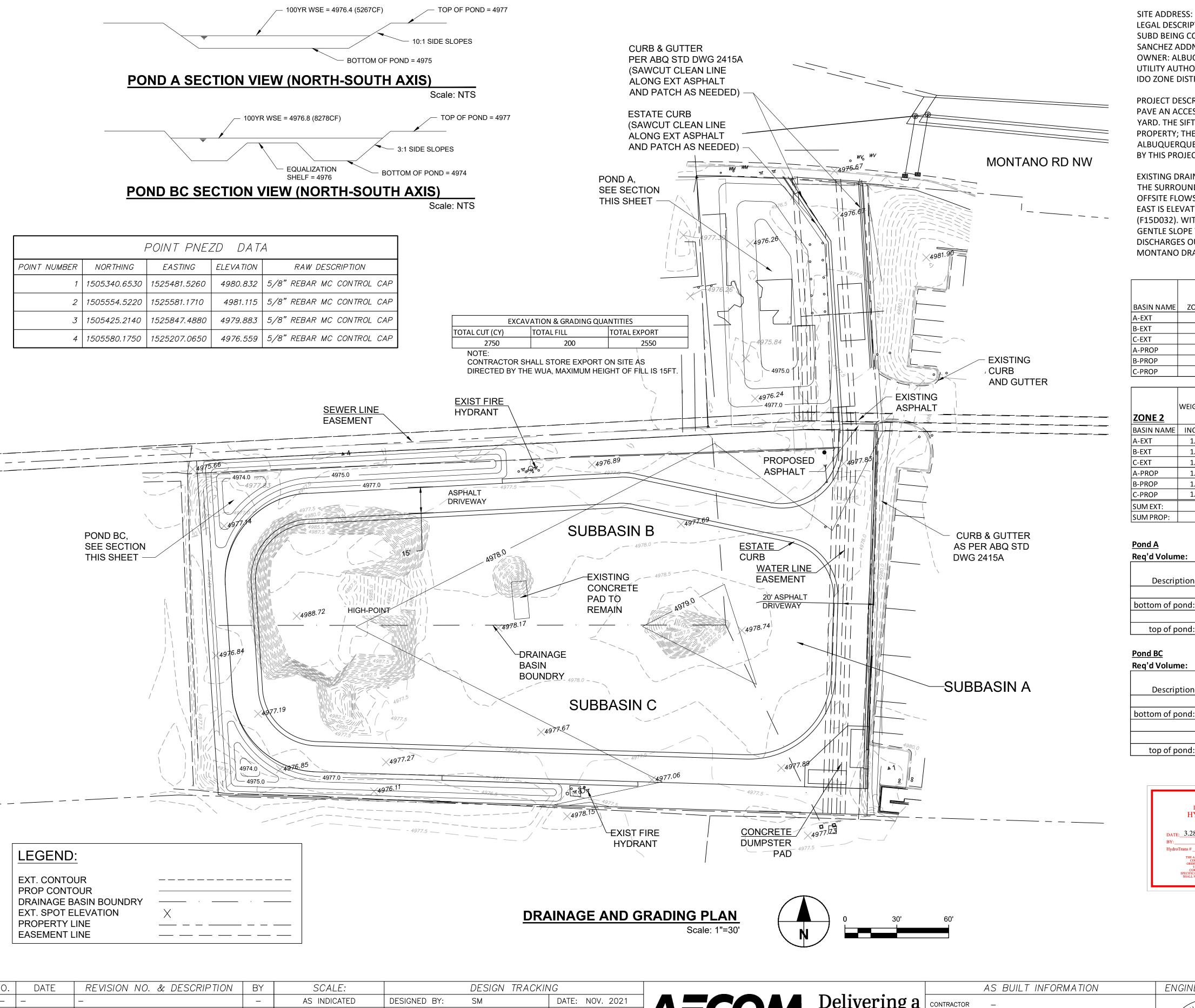
Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

| Project Title: | Building P | Permit #: | Hydrology File #: | | |
|--|-------------------------|---|---|--|--|
| DRB#: | EPC#: | | Work Order#: | | |
| Legal Description: | | | | | |
| City Address: | | | | | |
| Applicant: | | | Contact: | | |
| Address: | | | | | |
| | | | E-mail: | | |
| Owner: | | | Contact: | | |
| Address: | | | | | |
| | | | E-mail: | | |
| TYPE OF SUBMITTAL:PLA | Γ (# OF LOTS) | RESIDENCE | _ DRB SITE ADMIN SITE | | |
| IS THIS A RESUBMITTAL?: | Yes | No | | | |
| DEPARTMENT: TRAFFIC/ T | RANSPORTATION _ | HYDROLOG | Y/ DRAINAGE | | |
| Check all that Apply: TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTON CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT FLOODPLAIN DEVELOPMENTON ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAY TRAFFIC IMPACT STUDY (TIEST) OTHER (SPECIFY) PRE-DESIGN MEETING? | PERMIT APPLIC OUT (TCL) | BUILI CERT PRELI SITE I SITE I FINAI SIA/ F FOUN GRAD SO-19 PAVII GRAD WORK CLOM FLOO | APPROVAL/ACCEPTANCE SOUGHT: DING PERMIT APPROVAL IFICATE OF OCCUPANCY IMINARY PLAT APPROVAL PLAN FOR SUB'D APPROVAL PLAN FOR BLDG. PERMIT APPROVAL RELEASE OF FINANCIAL GUARANTEE IDATION PERMIT APPROVAL DING PERMIT APPROVAL APPROVAL APPROVAL OF PERMIT APPROVAL | | |
| DATE SUBMITTED: | By: | | | | |

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED:____

FEE PAID:



SITE ADDRESS: 5408 2ND ST NW ALBUQUERQUE NM 87107 LEGAL DESCRIPTION: TR A PLAT OF MONTANO INDUSTRIAL SUBD BEING COMPRISED OF A POR OF LTS 4 THRU 9 FELIX S SANCHEZ ADDN & MRGCD TR 66B1B & 66B2 CONT 3.4600 AC OWNER: ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY

IDO ZONE DISTRICT: MX-M

PROJECT DESCRIPTION: THE PURPOSE OF THIS PROJECT IS TO PAVE AN ACCESS AND PERIMETER DRIVE FOR THE SIFTING YARD. THE SIFTING YARD (SITE) IS ON THE EAST HALF OF THE PROPERTY; THE WEST HALF IS USED BY THE CITY OF ALBUQUERQUE AS AN IMPOUND LOT AND IS NOT AFFECTED BY THIS PROJECT.

EXISTING DRAINAGE PATTERNS:

THE SURROUNDING AREA IS FLAT WITH NO DISCERNABLE OFFSITE FLOWS. THE MONTANO TRANSIT CENTER TO THE EAST IS ELEVATED BUT DRAINS TO INTERNAL PONDS (F15D032). WITHIN THE SITE, THE SIFTING YARD HAS A GENTLE SLOPE TOWARD THE IMPOUND LOT, WHICH THEN DISCHARGES OUT TO 2ND ST. THE DRIVE ACCESS FROM MONTANO DRAINS TO MONTANO.

PROPOSED DRAINAGE PATTERNS:

THE MONTANO DRIVE ACCESS AND EAST PORTION OF THE SIFTING YARD (SUBBASIN A) WILL DRAIN TO POND A, SIZED FOR FULL RETENTION PER THE DPM SEC.6-11(A)(2)1

THE NORTH HALF OF THE SIFTING YARD (SUBBASIN B) WILL DRAIN TO POND BC, SIZED FOR FULL RETENTION PER THE DPM SEC.6-11(A)(2)1.

THE SOUTH HALF OF THE SIFTING YARD (SUBBASIN C) WILL ALSO DRAIN TO POND BC, SIZED FOR FULL RETENTION PER THE DPM SEC.6-11(A)(2)1.

STORM WATER QUALITY: THE SWQV WILL BE CAPTURED AND RETAINED ONSITE IN THE RETENTION PONDS. SIDE SLOPES WILL BE STABILIZED WITH NATIVE GRASS SEED (PER CITY SPEC 1012) WITH AGGREGATE MULCH OR EQUAL (MUST SATISFY THE "FINAL STABILIZATION CRITERIA" CGP 2.2.14.B.)

| | | | | | | | | | | | | AREA |
|------------|------|-------|--------|-------|----------|---------|---------|-------|----------|-----------|--------|-------|
| | | BASIN | N SIZE | LANDT | REATMENT | PERCENT | BY TYPE | LANDT | REATMENT | BY AREA (| ACRES) | CHECK |
| BASIN NAME | ZONE | SF | ACRES | А | В | С | D | Α | В | С | D | ACRES |
| A-EXT | 2 | 32020 | 0.74 | 0% | 0% | 100% | 0% | 0 | 0 | 0.74 | 0.00 | 0.735 |
| B-EXT | 2 | 30576 | 0.70 | 0% | 0% | 100% | 0% | 0 | 0 | 0.70 | 0.00 | 0.702 |
| C-EXT | 2 | 33014 | 0.76 | 0% | 0% | 100% | 0% | 0 | 0 | 0.76 | 0.00 | 0.758 |
| A-PROP | 2 | 32020 | 0.74 | 0% | 0% | 64% | 36% | 0 | 0 | 0.47 | 0.26 | 0.735 |
| B-PROP | 2 | 30576 | 0.70 | 0% | 0% | 81% | 19% | 0 | 0 | 0.57 | 0.14 | 0.702 |
| C-PROP | 2 | 33014 | 0.76 | 0% | 0% | 79% | 21% | 0 | 0 | 0.60 | 0.16 | 0.758 |

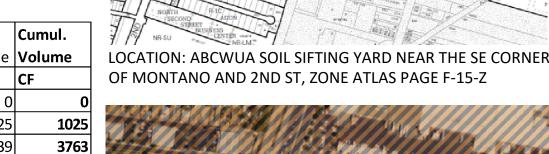
| | | | | | | | | | | | | NEW D | V LPIVI I |
|------------|----------|-----------------------|---------|------------------------|----------|----------------------|---------|------------------------|----------|-------|--------|---------------------|-----------|
| | WEIGHTED | | | | | | | | | | | SW | QV= |
| ZONE 2 | E | V ₃₆₀ / 6I | HR VOL. | V ₁₄₄₀ / 24 | 4HR VOL. | V _{4d} / 4D | AY VOL. | V _{10d} / 10l | DAY VOL. | Q_P | YIELD | AREA _D * | 0.42/12 |
| BASIN NAME | INCHES | AC-FT | CF | AC-FT | CF | AC-FT | CF | AC-FT | CF | CFS | CFS/AC | AC-FT | CF |
| A-EXT | 1.03 | 0.063 | 2748 | 0.063 | 2748 | 0.063 | 2748 | 0.063 | 2748 | 2.2 | 3.05 | 0.000 | 0 |
| B-EXT | 1.03 | 0.060 | 2624 | 0.060 | 2624 | 0.060 | 2624 | 0.060 | 2624 | 2.1 | 3.05 | 0.000 | 0 |
| C-EXT | 1.03 | 0.065 | 2834 | 0.065 | 2834 | 0.065 | 2834 | 0.065 | 2834 | 2.3 | 3.05 | 0.000 | 0 |
| A-PROP | 1.50 | 0.092 | 3993 | 0.098 | 4281 | 0.106 | 4635 | 0.121 | 5267 | 2.6 | 3.51 | 0.009 | 402 |
| B-PROP | 1.28 | 0.075 | 3270 | 0.078 | 3419 | 0.083 | 3602 | 0.090 | 3930 | 2.3 | 3.30 | 0.005 | 208 |
| C-PROP | 1.30 | 0.082 | 3582 | 0.086 | 3755 | 0.091 | 3968 | 0.100 | 4348 | 2.5 | 3.32 | 0.006 | 242 |
| SUM EXT: | | 0.188 | 8207 | 0.188 | 8207 | 0.188 | 8207 | 0.188 | 8207 | 6.7 | | 0.000 | 0 |
| SUM PROP: | | 0.249 | 10845 | 0.263 | 11454 | 0.280 | 12205 | 0.311 | 13545 | 7.4 | | 0.020 | 852 |

100-yr, 10-day volume, per DPM Sec.6-11(A)(2)1 5267 CF Req'd Volume:

| | Pond | | Surface | Net | Cumui. |
|-----------------|-------|-----------|---------|--------|--------|
| Description | Depth | Elevation | Area | Volume | Volume |
| | Ft | Ft | Sq Ft | CF | CF |
| bottom of pond: | 0 | 4975 | 1608 | 0 | 0 |
| | 1 | 4976 | 4053 | 2831 | 2831 |
| top of pond: | 2 | 4977 | 7269 | 5661 | 8492 |

100-yr, 10-day volume, per DPM Sec.6-11(A)(2)1

Req'd Volume: 8278 CF Surface Net Description Depth Volume Volume |Elevation | Area Sq Ft CF bottom of pond: 409 1640 1025 3837 2739 9245 7127 5482 4977





HAZARD AREA, PER FEMA FIRM PANEL 35001C0119G,

HYDROLOGY SECTION APPROVED

EFFECTIVE DATE 9/26/2008

2309.013

| | | | _ | | | |
|-----|------|----------------------------|----|-------------------------|-------------------|-----------------|
| NO. | DATE | REVISION NO. & DESCRIPTION | BY | SCALE: | DESIGN TRACKIN | NG |
| _ | _ | - | _ | AS INDICATED | DESIGNED BY: SM | DATE: NOV. 2021 |
| _ | _ | - | _ | ATTENTION | DRAWN BY: GH | DATE: NOV. 2021 |
| _ | _ | _ | _ | 0 1/2" 1" | CHECKED BY: SM | DATE: NOV. 2021 |
| _ | _ | _ | _ | | CROSS CHK'D BY: - | DATE: - |
| _ | _ | _ | _ | GRAPHIC SCALE | APPROVED BY: - | DATE: - |
| _ | _ | _ | _ | THIS BAR MEASURES 1" | MAPS/RECORDS II | NFO. |
| | | | | HAT FULL SCALE (ANSLID) | 1 | |

AECOM Delivering a better world

One Park Square, 6501 Americas Pkwy NE, Suite 900 Albuquerque, New Mexico 87110 (505)-855-7500

| | AS BUI | ILT INFORMATION | |
|-------------------------|--|---|---|
| CONTRACTOR | _ | | |
| WORK STAKED BY | _ | DATE — | |
| | | DATE — | |
| FIELD VERIFICATION | BY - | DATE — | |
| DRAWINGS CORRECTED E | | DATE — | |
| | WORK STAKED BY INSPECTOR'S ACCEPTANCE INSPECTOR'S FIELD VERIFICATION DRAWINGS | CONTRACTOR — WORK STAKED BY INSPECTOR'S — ACCEPTANCE BY INSPECTOR'S NAME — FIELD VERIFICATION BY | WORK STAKED BY INSPECTOR'S ACCEPTANCE BY INSPECTOR'S NAME — FIELD VERIFICATION BY DATE DATE DATE |

| ENGINEER'S SEAL |
|---|
| 16454 S. MEDINA 16454 S. MEDINA 16554 |

TITLE:

ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY ROADWAY FOR DISTRIBUTION FILL SOILS YARD

DRAINAGE AND GRADING PLAN