CITY OF ALBUQUER

Planning Department Alan Varela, Director



March 17, 2023

Olin M. Brown, P.E., Vice President Community Development and Planning Bohannan Huston, Inc. 7500 Jefferson St NE Albuquerque, NM 87109

RE: ABQ Studios Expansion WO #3 (CPN: 393587) **Drainage Management Plan** Engineer's Stamp Date: 3/8/2023 Hydrology File: R16DA2006

Dear Mr. Brown:

Based upon the information provided in your submittal received 3/8/2023, the Drainage Management Plan is approved for Grading Permit and Work Order.

Please provide the executed paper Drainage Covenant (latest revision) printed on one-side only with Exhibit A and a check for \$25 made out to "Bernalillo County" for the regional retention pond (OS-6) per Article 6-15(C) of the DPM to Hydrology for review. Once the review is done, Albuquerque Hydrology will send back an email stating our approval / comments.

As a reminder, 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 NM 87103 (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.

www.cabq.gov

PO Box 1293

If you have any questions, please contact me at 505-924-3695 or tchen@cabq.gov.

Sincerely,

- Che lipphe

Tiequan Chen, P.E. Principal Engineer, Hydrology Planning Department, Development Review Services



City of Albuquerque

Planning Department Development & Building Services Division DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 10/2018)

| Project Title:] | Building Permit | #: Hydrology File #: |
|---|-----------------|--|
| DRB#:I | EPC#: | Work Order#: |
| Legal Description: | | |
| City Address: | | |
| Applicant: | | Contact: |
| Address: | | |
| | | E-mail: |
| Other Contact: | | Contact: |
| Address: | | |
| | | E-mail: |
| TYPE OF DEVELOPMENT: PLAT (# of | lots)RES | IDENCE DRB SITE ADMIN SITE |
| IS THIS A RESUBMITTAL? Yes | No | |
| DEPARTMENT:TRAFFIC/TRANSPORTA | TION I | HYDROLOGY/DRAINAGE |
| Check all that Apply: | | TYPE OF APPROVAL/ACCEPTANCE SOUGHT: BUILDING PERMIT APPROVAL |
| TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTIFICATION PAD CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT FLOODPLAIN DEVELOPMENT PERMIT AP ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) OTHER (SPECIFY) PRE-DESIGN MEETING? | PPLIC | 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 GRADING PERMIT APPROVAL SO-19 APPROVAL PAVING PERMIT APPROVAL GRADING/ PAD CERTIFICATION WORK ORDER APPROVAL CLOMR/LOMR FLOODPLAIN DEVELOPMENT PERMIT OTHER (SPECIFY) |
| | • | |
| COA STAFF: | | MITTAL RECEIVED: |

FEE PAID:

Bohannan 🛦 Huston

March 8, 2023

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

www.bhinc.com

voice: 505.823.1000 facsimile: 505.798.7988 toll free: 800.877.5332

Tiequan Chen Principal Engineer, Hydrology Section City of Albuquerque Planning Department PO Box 1293 Albuquerque, NM 87103

Re: ABQ Studios Expansion WO #3 Drainage Report and Drainage Management Plan Comments Engineer's Stamp Date: 1/27/2023 Hydrology File: R16DA2006

Dear Mr. Chen,

In support of the resubmitted CPN #393587 Public Work Order plans, below you will find our responses to the comments provided to us by your office dated March 1, 2023.

- 1. Please add contour elevation labels.
 - a. Elevation labels added throughout the plan to show elevation references for major contours.
- 2. Provide the Benchmark information (location, description and elevation) for the survey contour information provided.
 - a. Provided. These also correspond to the survey control sheet that was prepared with the CPN #393587 plan set.
- 3. Was the drainage report included? I only found the drainage management plan from the file downloading weblink.
 - a. A separate drainage report was not included, as BHI felt the drainage conditions and considerations were accurately and fully represented with the provided Drainage Management Plan.
- 4. I couldn't find "Basin 4A1" in the "Existing Conditions", do you mean "basin 2A1"
 - a. Yes, the updated narrative has been edited to reflect the reference to "Basin 2A1" that aligns with the tables and plan view.
- 5. Provide the regional retention pond number located to the south in the "Existing Conditions". Provide drainage calculations showing that this pond have enough volume capacity to accommodate discharge from the Stryker Road.
 - a. Pond MDS-OS7, CPN #775684, Hydrology File R16D097A. Calculations were not provided because no additional flows (compared to existing) are being discharged to the pond as a result of this Public Work Order improvements. The proposed changes to the northern curb line of Stryker Road actually <u>decreases</u> the amount of discharge reaching MDS-OS7. See CPN #775684, Hydrology File R16D097A for regional pond analysis.
 - Engineering **A**
 - Spatial Data 🔺
 - Advanced Technologies **▲**

March 8, 2023 Mr. Tiequan Chen Page 2

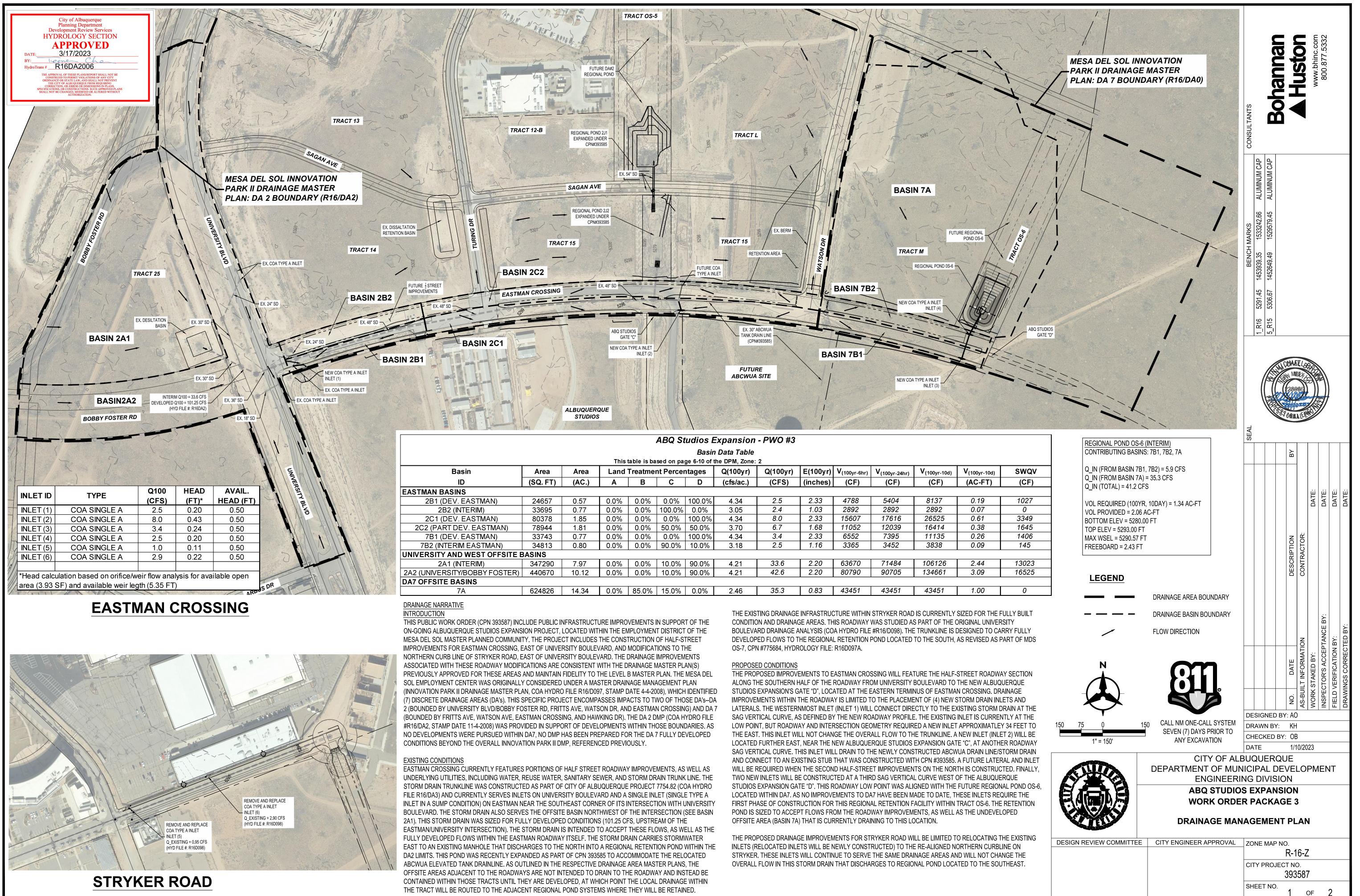
- 6. It'd be easier to read if the Eastman Crossing and Stryker Road plans being placed on to two separate sheets.
 - a. Understood, however as the improvements to Eastman, University, and Styker are all part of the same COA Public Work Order, we felt that it was most appropriate to have a single Drainage Management Plan that corresponds to the single Public Work Order plan set.

Sincerely,

Olin Brown, P.E. Vice President Community Development & Planning

OB/KH

Enclosures (1)



| Basin Data Table | | | | | | | | | | | | | |
|--------------------|----------|-------|----------------------------|-------------|-----------|--------------|----------------|----------|---------------------------------|---------------------------|--------------------------|-------------------------|---------|
| | | | This | table is ba | sed on pa | ge 6-10 of t | the DPM, Zone: | 2 | | | | | |
| Basin | Area | Area | Land Treatment Percentages | | | Q(100yr) | Q(100yr) | E(100yr) | V _(100yr-6hr) | V _(100yr-24hr) | V _(100yr-10d) | V _{(100yr-100} | |
| ID | (SQ. FT) | (AC.) | Α | В | С | D | (cfs/ac.) | (CFS) | (inches) | (CF) | (CF) | (CF) | (AC-FT) |
| SINS | | | | | | | | | | | | | |
| EV. EASTMAN) | 24657 | 0.57 | 0.0% | 0.0% | 0.0% | 100.0% | 4.34 | 2.5 | 2.33 | 4788 | 5404 | 8137 | 0.19 |
| 2 (INTERIM) | 33695 | 0.77 | 0.0% | 0.0% | 100.0% | 0.0% | 3.05 | 2.4 | 1.03 | 2892 | 2892 | 2892 | 0.07 |
| EV. EASTMAN) | 80378 | 1.85 | 0.0% | 0.0% | 0.0% | 100.0% | 4.34 | 8.0 | 2.33 | 15607 | 17616 | 26525 | 0.61 |
| LDEV. EASTMAN) | 78944 | 1.81 | 0.0% | 0.0% | 50.0% | 50.0% | 3.70 | 6.7 | 1.68 | 11052 | 12039 | 16414 | 0.38 |
| EV. EASTMAN) | 33743 | 0.77 | 0.0% | 0.0% | 0.0% | 100.0% | 4.34 | 3.4 | 2.33 | 6552 | 7395 | 11135 | 0.26 |
| ERIM EASTMAN) | 34813 | 0.80 | 0.0% | 0.0% | 90.0% | 10.0% | 3.18 | 2.5 | 1.16 | 3365 | 3452 | 3838 | 0.09 |
| AND WEST OFFSITE E | BASINS | | | | | | | | | | | | |
| I (INTERIM) | 347290 | 7.97 | 0.0% | 0.0% | 10.0% | 90.0% | 4.21 | 33.6 | 2.20 | 63670 | 71484 | 106126 | 2.44 |
| SITY/BOBBY FOSTER) | 440670 | 10.12 | 0.0% | 0.0% | 10.0% | 90.0% | 4.21 | 42.6 | 2.20 | 80790 | 90705 | 134661 | 3.09 |
| BASINS | | | | | | | | | | | | | |
| 7A | 624826 | 14.34 | 0.0% | 85.0% | 15.0% | 0.0% | 2.46 | 35.3 | 0.83 | 43451 | 43451 | 43451 | 1.00 |
| | | | | | | | | | | | | | |