CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director

Mayor Timothy M. Keller

August 1, 2024

Fred Arfman, P.E.
Isaacson & Arfman, P.A.
128 Monroe St. N.E
Albuquerque, NM 87108

RE: Nuevo Atrisco
7901 Central NW
30-Day Temporary C.O. – Accepted
Engineer's Certification Date: 07/29/2024
Engineer's Stamp Date: 09/26/2023
Hydrology File: K10D058

Dear Mr. Arfman:

Based on the Engineer's Drainage Certification received 07/30/2024 and site visit on 7/31/2024, this letter serves as a "green tag" from Hydrology Section for a **30-day Temporary Certificate of Occupancy** for the Nuevo Atrisco project located at 7901 Central NW to be issued by the Building and Safety Division. The following comments needs to be addressed prior to acceptance for Permanent C.O. of the above referenced project:

1. Please provide the executed paper Drainage Covenant (latest revision) printed on one-side only with Exhibit A and a check for **$25.00** made out to "**Bernalillo County**" for the stormwater quality ponds per Article 6-15(C) of the DPM to Hydrology.
2. Please pay the Payment-in-Lieu of $ 5,360.00 by emailing the attached approved Waiver Application from Stormwater Quality Volume Management On-site to PLNDRS@cabg.gov. Once this is received, a receipt will then produce and email back with instructions on how to pay online. Once paid, please email me proof of payment.

Please resubmit for a request for permanent release of Certificate of Occupancy once the above items are complete.

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

Sincerely,

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

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

CITY OF ALBUQUERQUE
PLANNING DEPARTMENT
HYDROLOGY DEVELOPMENT SECTION

WAIVER APPLICATION FROM STORMWATER QUALITY VOLUME MANAGEMENT ON-SITE

GENERAL INFORMATION

APPLICANT: Isaacson & Arfman, Inc. DATE: 09/26/2023

DEVELOPMENT: Nuevo Atrisco - 7921 Central Ave. NW

LOCATION: SW of Central Ave. and Unser Blvd. SW

STORMWATER QUALITY POND VOLUME

Per the DPM Article 6-12 - Stormwater Quality and Low-Impact Development, the calculated sizing for required Stormwater Quality Pond volume is equal to the impervious area draining to the BMP multiplied by 0.42 inches for new development sites and by 0.26 inches for redevelopment sites.

The required volume is 1,438 cubic feet

The provided volume is 768 cubic feet

The deficient volume is 670 cubic feet

WAIVER JUSTIFICATION

Per the DPM Article 6-12(C), private off-site mitigation and payment-in-lieu may only be considered if management on-site is waived in accordance with the following criteria and procedures.

1. Management on-site shall be waived by the City Engineer if the following conditions are met:

a. Stormwater quality can be effectively controlled through private off-site mitigation or through an arrangement (approved by the City) to use a cooperator's existing regional stormwater management infrastructure or facilities that are available to control stormwater quality.
b. Any of the following conditions apply:
    i. The lot is too small to accommodate management on site while also accommodating the full plan of development.
    ii. The soil is not stable as demonstrated by a geotechnical report certified by a professional engineer licensed in the State of New Mexico.
    iii. The site use is inconsistent with the capture and reuse of stormwater.
    iv. Other physical conditions exist where compliance with on-site stormwater quality control leaves insufficient area.
    v. Public or private off-site facilities provide an opportunity to effectively accomplish the mitigation requirements of the Drainage Ordinance (Part 14-5-2 ROA 1994) as demonstrated on as-built construction drawings and an approved drainage report.
    vi. The developer constructs a project to replenish regional groundwater supplies at an off-site location.
    vii. A waiver to State water law or acquisition of water rights would be required in order to implement management on site.

2. The basis for requesting payment-in-lieu or private off-site mitigation is to be clearly demonstrated on the drainage plan.

This project's justification: Every reasonable effort has been made to provide stormwater quality volume within landscaped areas throughout the site.

Fred C. Arfman, PE

Professional Engineer or Architect

PAYMENT-IN-LIEU

Per the DPM Article 6-12(C)(1), the amount of payment-in-lieu is deficient volume (cubic feet) times $6 per cubic feet for detached single-family residential projects or $8 per cubic feet for all other projects.

AMOUNT OF PAYMENT-IN-LIEU = $ 5,360.00

THIS SECTION IS FOR CITY USE ONLY

[X] Waiver is approved. The amount of payment-in-lieu from above must be paid prior to Certificate of Occupancy.

[ ] Waiver is DENIED.

Renée C. Brissette 09/26/23

City of Albuquerque
Hydrology Section

City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title: Nuevo Atrisco Hydrology File # K10D058
Legal Description: Tract B, Nuevo Atrisco
City Address, UPC, OR Parcel: 7901 Central Ave

Applicant/Agent: Isaacson & Arfamn, Inc. Contact: Justin Thor Simenson
Address: 128 Monroe St NE Phone: 505-268-8828
Email: thors@iacivil.com

Applicant/Owner: Nuevo Atrisco LLC. Contact: _____
Address: _____ Phone: _____
Email: _____

(Please note that a DFT SITE is one that needs Site Plan Approval & ADMIN SITE is one that does not need it.)

TYPE OF DEVELOPMENT: ☐ PLAT (#of lots) _____ ☑ RESIDENCE
☑ DFT SITE ☐ ADMIN SITE

RE-SUBMITTAL: ☑ YES ☐ NO

DEPARTMENT: ☐ TRANSPORTATION ☑ HYDROLOGY/DRAINAGE

Check all that apply under Both the Type of Submittal and the Type of Approval Sought:

TYPE OF SUBMITTAL:

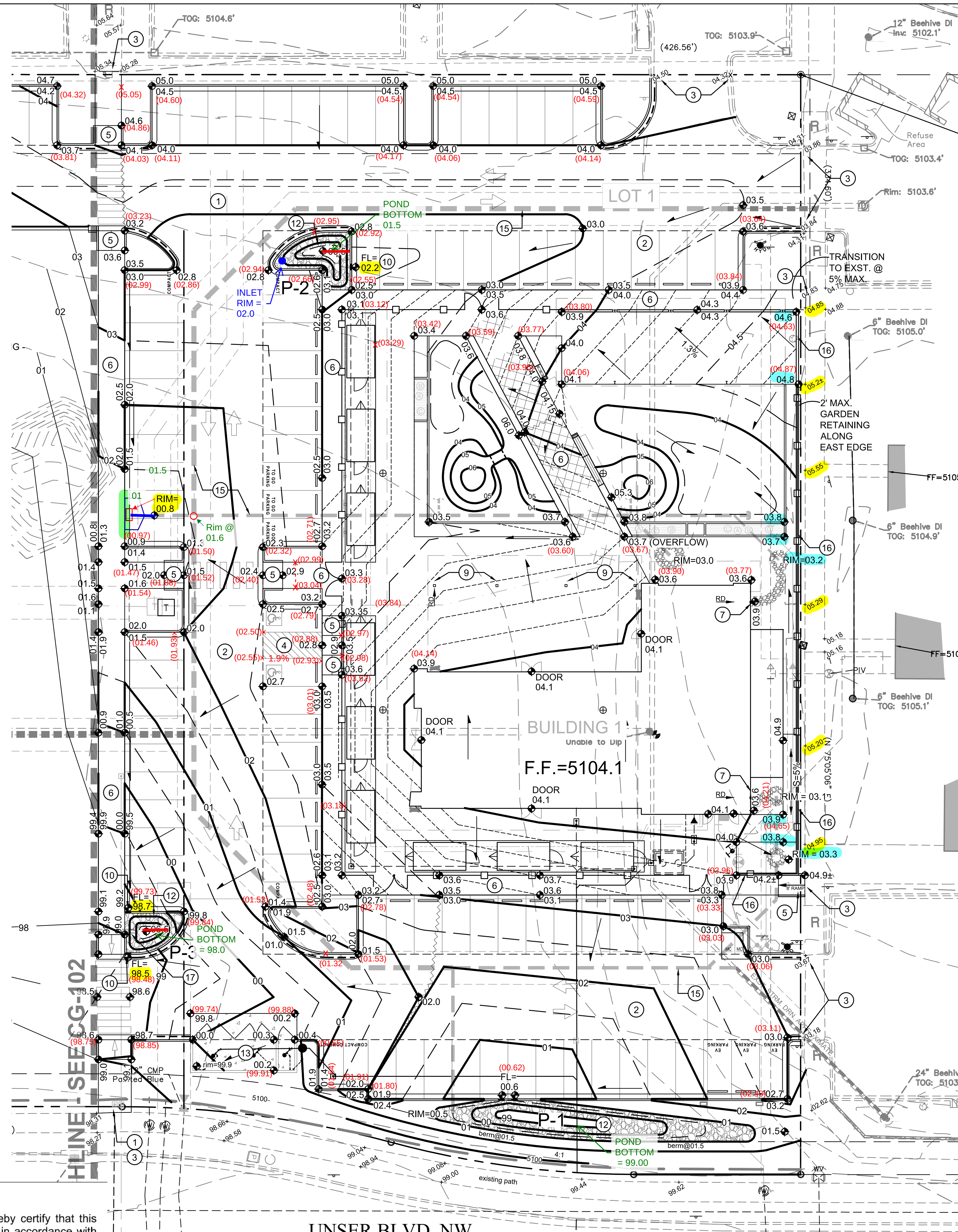
- ☑ ENGINEER/ARCHITECT CERTIFICATION
- ☐ PAD CERTIFICATION
- ☐ CONCEPTUAL G&D PLAN
- ☐ GRADING & DRAINAGE PLAN
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE MASTER PLAN
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL) ADMINISTRATIVE
- ☐ TRAFFIC CIRCULATION LAYOUT FOR DFT APPROVAL
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ STREET LIGHT LAYOUT
- ☐ OTHER (SPECIFY)_____

TYPE OF APPROVAL SOUGHT:

- ☐ BUILDING PERMIT APPROVAL
- ☑ CERTIFICATE OF OCCUPANCY
- ☐ CONCEPTUAL TCL DFT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SITE PLAN FOR BLDG PERMIT DFT 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
- ☐ OTHER (SPECIFY)_____

DATE SUBMITTED: 07-29-24

REV. 09/13/23



0 10 20 40 60

SCALE 1"=20'

DRAINAGE CERTIFICATION

I, Fred C. Arfman, NMPE 7322, of the firm Isaacson & Arfman, Inc., 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 **09-26-2023**. The record information edited onto the original design document has been obtained by **Brian Martinez**, NMPS **18374** of the firm **CSI-Cartesian Surveys, Inc**.. I further certify that I have personally visited the project site on **07-29-24** 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 Permanent 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.

Fred C. Arfman, PE NMPE 7322

July 29, 2024

Date

FRED C. ARFMAN NEW MEXICO 7322 LICENSED PROFESSIONAL ENGINEER

M:\PROJECTS\2400-2499\2470\DWG\BP SET\2470 CG-101.dwg Bryan 9/22/2023 2:09 PM

KEYED NOTES

THESE NOTES ARE REFERENCED ON SHEETS CG-101 AND CG-102. NOT ALL NOTES ARE USED ON EACH SHEET. SEE ADA COMPLIANCE NOTES THIS SHEET FOR TARGET SLOPES AND MAXIMUM SLOPES.

1. NO WORK SHALL BE PERFORMED IN THE PUBLIC R/W WITHOUT AN APPROVED WORK ORDER OR EXCAVATION PERMIT.
2. NEW PAVING AT ELEVATIONS SHOWN. SLOPES AND CROSS-SLOPES VARY TO ACHIEVE ADA COMPLIANCE, REQUIRED PIPE COVERAGE, DRAINAGE, ETC. ELEVATIONS SHOWN IN GUTTER REPRESENT FLOWLINE. ADD 6" TYPICAL FOR ADJACENT TOP OF WALK / TOP OF CURB ELEVATION UNLESS NOTED. 0.5' AND 0.1' DESIGN CONTOURS SHOWN DASHED WHERE NECESSARY TO CLARIFY GRADING CONCEPT. SEE LEGEND FOR ADDITIONAL INFORMATION.
3. PROVIDE SMOOTH TRANSITION TO EXISTING PAVEMENT.
4. ADA COMPLIANT PARKING SPACES AND ACCESS AISLES AT ELEVATIONS SHOWN.
5. ADA COMPLIANT CURB RAMP AT ELEVATIONS SHOWN.
6. ADA COMPLIANT PEDESTRIAN ACCESS WALK AT ELEVATIONS SHOWN.
7. ROOF DISCHARGE TO BE RELEASED AT GRADE. CONSTRUCT 3' WIDE ANGULAR ROCK SWALE (SEE CG-501 FOR DETAIL) FROM BUILDING TO LANDSCAPE DOMED STORM DRAIN INLET. SEE CG-102 FOR DETAIL.
8. CONCENTRATED ROOF DISCHARGE TO 12" WIDE (BOTTOM WIDTH) COVERED SIDEWALK CULVERT PER COA STD. DWG. 2236. CONSTRUCT 3' WIDE ANGULAR ROCK SWALE FROM BUILDING TO EXISTING STORM DRAIN INLET. SEE CG-102 FOR DETAIL.
9. COVERED PATIO DISCHARGE TO BE PIPED DIRECTLY TO STORM DRAIN. SEE ARCHITECTURAL FOR DOWNSPOUT LOCATIONS.
10. 18" WIDE CURB OPENING TO PASS FLOW. SLOPE GUTTER AT IN DIRECTION OF FLOW (EACH CURB OPENING LOCATION). SEE CG-102 FOR DETAIL.
11. GRADE 1' DEEP TEMPORARY SEDIMENT POND THIS AREA.
12. STORMWATER QUALITY RETENTION POND AT ELEVATIONS SHOWN. TYPICAL SIDESLOPE = 2:1. ALL STORMWATER QUALITY PONDING VOLUMES WILL BE VERIFIED AS PART OF AS-BUILT CERTIFICATION. PONDS WHICH DO NOT PROVIDE THE REQUIRED VOLUME WILL BE CORRECTED AT CONTRACTOR'S EXPENSE. GRADES SHOWN REFLECT FINAL GRADES INCLUDING EROSION PROTECTION. SEE CG-100 FOR EROSION PROTECTION REQUIREMENTS.
13. DUMPSTER PAD SLOPED TO INTERIOR SANITARY SEWER DRAIN INLET(S). SEE UTILITY PLAN FOR CONTINUATION.
14. NOT USED
15. PRIVATE STORM DRAIN SYSTEM. SEE SHEET CG501 FOR SIZES / SLOPES / INLET INFORMATION / MATERIALS.
16. GRADE TRANSITION WALL(S) (RETAINING < 30") TO ACHIEVE GRADE DIFFERENCE SHOWN. FINISH GRADE ON BOTH SIDES OF WALL ARE SHOWN. RETAINING HEIGHT VARIES. STRUCTURAL DESIGN TO BE PROVIDED BY WALL CONTRACTOR.
17. TWO 6" DIA. PIPES THROUGH WALK. FLOWLINE ELEVATION = 5098.0 BOTH SIDES.

STORMWATER QUALITY

FOR REDEVELOPMENT SITES, THE CABQ STORMWATER QUALITY VOLUME (SWQV) IS BASED ON THE 80TH PERCENTILE STORM EVENT OR 0.26". THE ESTIMATED IMPERVIOUS AREA FOR THIS PROPERTY IS CALCULATED AS 66,357 SF. THE TOTAL REQUIRED SWQV= 0.26" * TYPE 'D' AREA: 0.26/12 * 66,357 SF = 1,438 CF.

SWQV PONDS WILL BE CONSTRUCTED THROUGHOUT THE PROPERTY. THE TOTAL PROVIDED SWQV=768 CF.

IN-LIEU PAYMENT WILL BE PROVIDED FOR THE DEFICIENT SWQV OF 670 CF @ $8 / CF = $5,630.

POND P-1		
Contour	Area	Volume
5099.00	80	
5100.50	540	465 CF
POND VOLUME =	**465** CF	

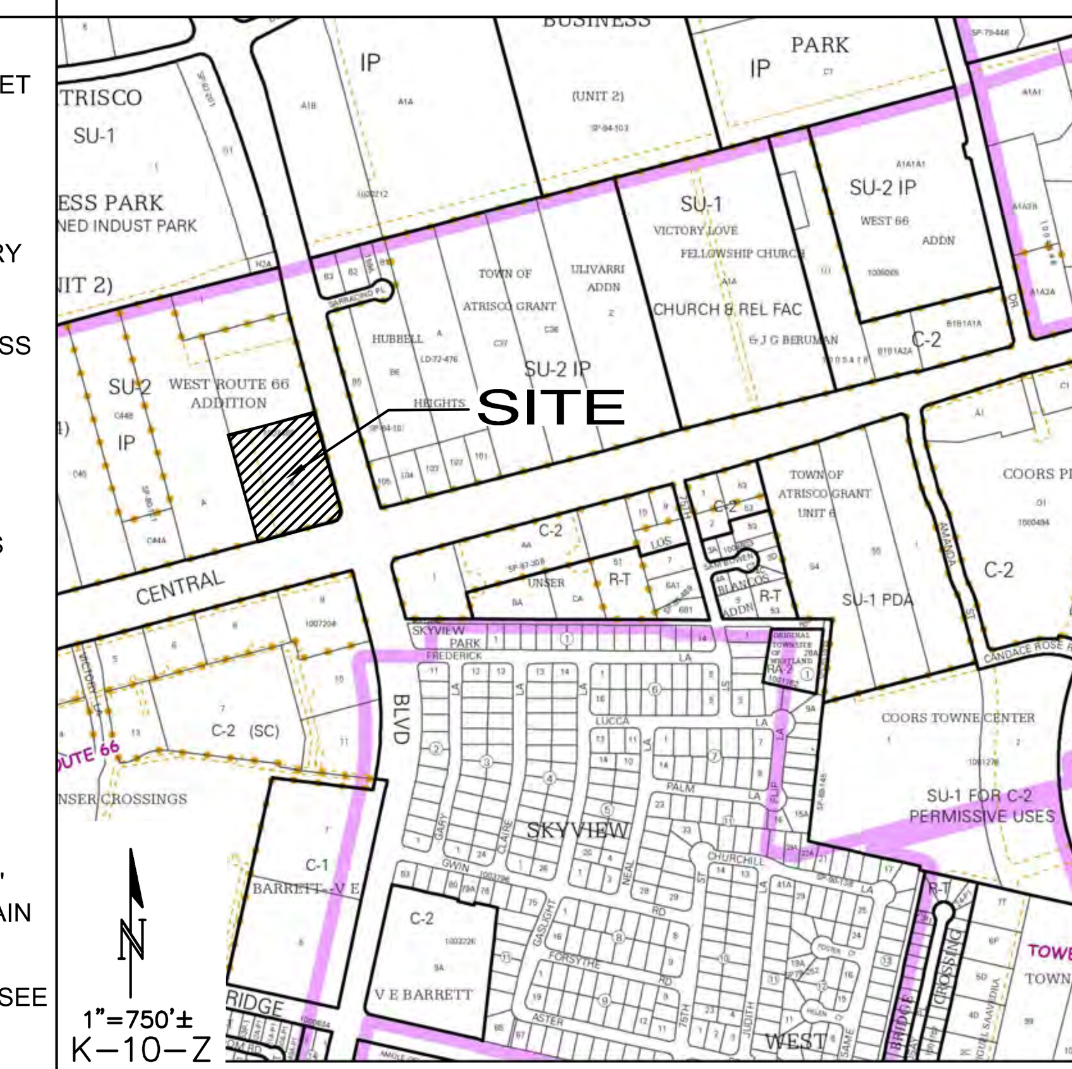
POND P-2		
Contour	Area	Volume
5100.50	30	
5102.00	183	160 CF
POND VOLUME =	**160** CF	

POND P-3		
Contour	Area	Volume
5096.50	35	
5098.30	124	143 CF
POND VOLUME =	**143** CF	

EROSION PROTECTION NOTES

INSTALL 4" AVG. DIA. X 8" DEPTH EROSION PROTECTION TO EXTENTS SHOWN. ANGULAR ROCK MUST BE PLACED TO PERMIT STORMWATER TO PASS SMOOTHLY. HAND PLACE AT CURB OPENINGS AND SWALES TO ENSURE RUNOFF CAN BE CAPTURED AND CONVEYED PROPERLY. SEE CG-501 FOR DETAIL.

VICINITY MAP K-10



PROJECT INFORMATION

PROPERTY: THE SITE IS A PARTIALLY DEVELOPED COMMERCIAL PROPERTY LOCATED WITHIN C.O.A. VICINITY MAP K-10. THE SITE IS BOUND TO THE EAST BY UNSER BLVD, TO THE NORTH AND WEST BY DEVELOPED COMMERCIAL PROPERTY AND TO THE SOUTH BY CENTRAL AVE.

PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE, COMMERCIAL RESAURANTS(S), RETAIL/OFFICE, FOOD PARK, PARKING, AND LANDSCAPING.

LEGAL: TRACT B, NUEVO ATRISCO, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

BENCHMARK: VERTICAL DATUM IS BASED UPON THE ALBUQUERQUE CONTROL SURVEY MONUMENT "9-K10", ELEVATION = 5117.72 FEET (NAVD 1988).

OFF-SITE FLOW: OFF-SITE FLOW FROM THE ADJACENT HOUSING PROJECT IS ROUTED THROUGH THIS PROPERTY WITHIN AN EXISTING STORM DRAIN SYSTEM WITH DRAINAGE EASEMENT. MINOR SURFACE FLOW IS ALSO ACCEPTED WITHIN A BLANKET DRAINAGE EASEMENT.

FLOOD HAZARD: PER BERNALILLO COUNTY FIRM MAP 35001C0328J, MAP (REVISION DATE NOVEMBER 4, 2016), THE SITE IS LOCATED WITHIN FLOODZONE 'X' DESIGNATED AS AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN. CENTRAL AVENUE ADJACENT TO THE PROPERTY IS ENCUMBERED BY ZONE AO (DEPTH 1').

SEE DRAINAGE REPORT FOR ADDITIONAL INFORMATION AND CALCULATIONS.

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED
DATE: 09/26/23
BY:
HydroTrans # K10D058

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APPROVAL OF GRADING & DRAINAGE PLAN(S) SHALL EXPIRE TWO (2) YEARS AFTER THE APPROAL DATE BY THE CITY IF NO BUILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT.

ADA COMPLIANCE

SIDEWALK(S) AND RAMP(S):
- LONGITUDINAL SLOPE SHALL NOT EXCEED 20:1 (5% SLOPE).
- TARGET CROSS SLOPE = 1% TO 1.5%. CROSS SLOPE SHALL NOT EXCEED 2%

ACCESSIBLE RAMP(S):
- TARGET LONGITUDINAL SLOPE = 7% LONGITUDINAL SLOPE SHALL NOT EXCEED 12:1 (8.3%).
- TARGET CROSS SLOPE = 1% TO 1.5%. CROSS SLOPE SHALL NOT EXCEED 2%

ACCESSIBLE PARKING: TARGET SLOPE = 1% TO 1.5%. SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION

LEGEND

Symbol	Description
——39——	PROPOSED 1.0' CONTOUR
- - -38.5- - -	PROPOSED 0.5' CONTOUR
- - -38.2- - -	PROPOSED 0.1' CONTOUR
⊕ 37.5	PROPOSED SPOT ELEVATION
→	SURFACE FLOW DIRECTION
FF = 5237.5	FINISH FLOOR ELEVATION
■ ■ ■ ◎ ■ ■	PROPOSED STORM DRAIN / INLET
P-X	STORMWATER QUALITY POND

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Civil Engineering Consultants
128 Monroe Street NE
Albuquerque, NM 87108
505-268-8828 | www.iacivil.com

FRED C. ARFMAN NEW MEXICO 7322 LICENSED PROFESSIONAL ENGINEER

09-26-2023

Engineer

NUEVO ATRISCO
7901, 7911 & 7921 CENTRAL AVE NW
Albuquerque, NM 87121

ISSUE: -
PROJECT NUMBER: IA 2470
FILE:
DRAWN BY: BJB
CHECKED BY: ANW
DATE: OCTOBER, 2022

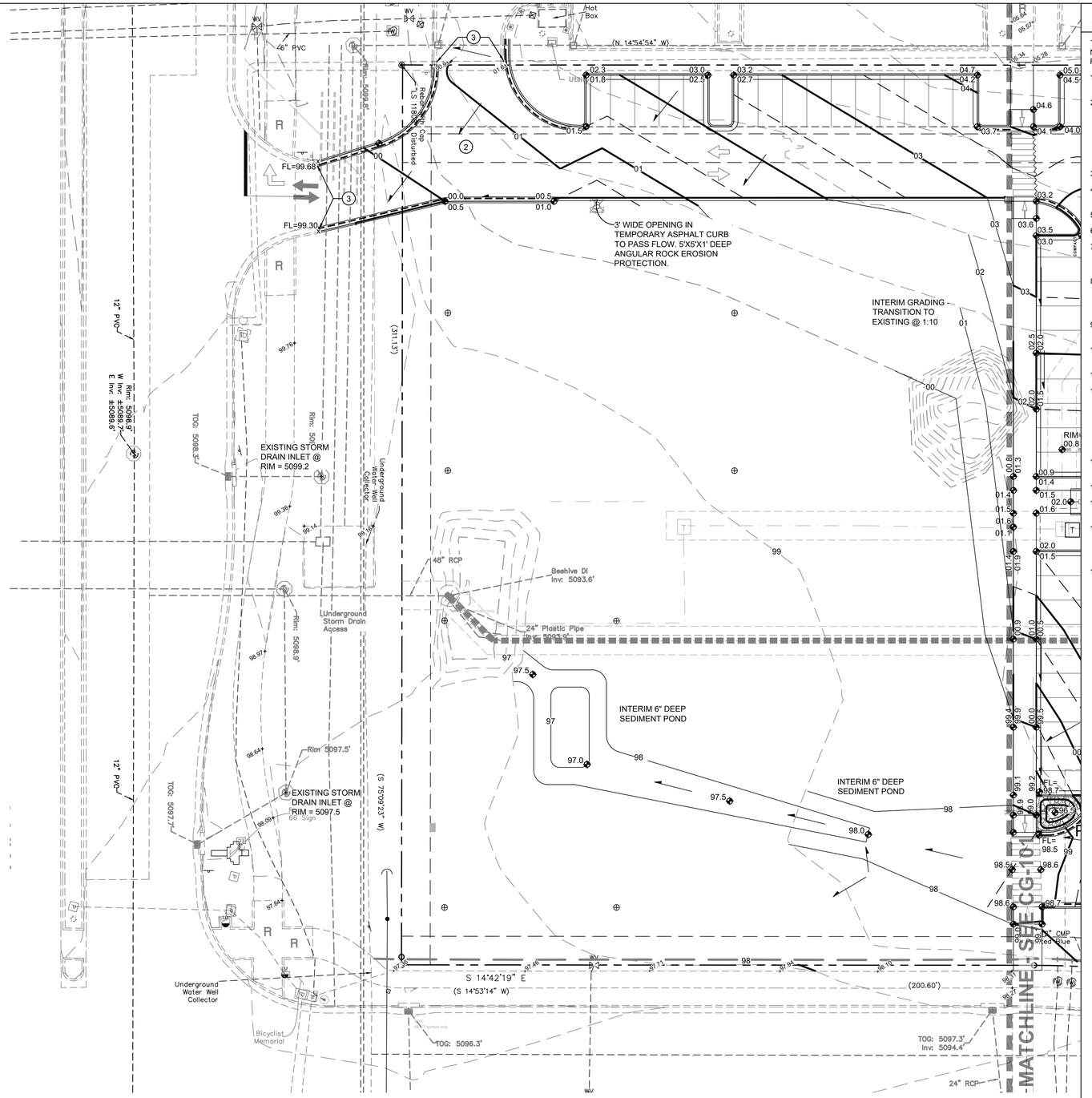
No	Date	Description

SHEET TITLE

GRADING & DRAINAGE PLAN 1 OF 2

SHEET NUMBER

CG101



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HYDROLOGY SECTION
APPROVED
DATE: 09/26/23
BY: Renée C. Brissette
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LEGEND

39	PROPOSED 1.0' CONTOUR
38.5'	PROPOSED 0.5' CONTOUR
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	SURFACE FLOW DIRECTION
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Engineer 09-26-2023

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Albuquerque, NM 87121

No	Date	Description

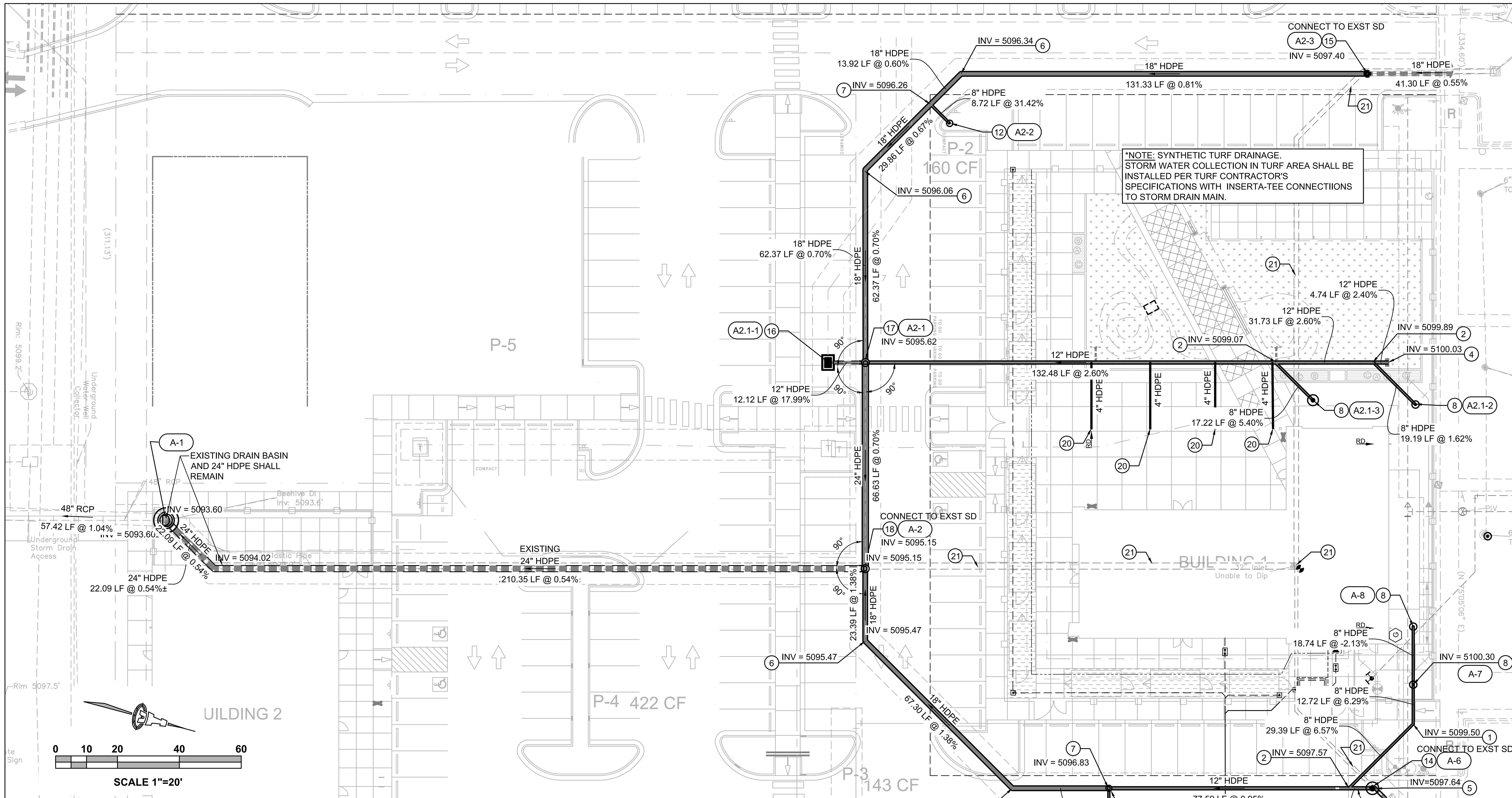
ISSUE: -
PROJECT NUMBER: IA 2470
FILE:
DRAWN BY: BJB
CHECKED BY: ANW
DATE: OCTOBER, 2022

SHEET TITLE

GRADING & DRAINAGE PLAN 2 OF 2

SHEET NUMBER

CG102



STRUCTURE TABLE	
STRUCTURE NAME & TYPE:	STRUCTURE INFO:
A-1 EXST DRAINAGE STRUCTURE	RIM = 5099.10 INV 24", IN = 5093.90 (NE) INV 48", OUT = 5093.60 (S)
A-2 30" BASIN W/ SOLID TRAFFIC RATED COVER	RIM = 5101.40 INV 24", IN = 5095.15 (W) INV 18", IN = 5095.15 (E) INV 24", OUT = 5095.15 (S)
A-5 8" BASIN W/ DOMED GRATE	RIM = 5100.50 INV 8", OUT = 5097.50 (W)
A-6 12" INLINE DRAIN W/ 12" TEE 12"SOLID TRAFFIC RATED COVER	RIM = 5102.80 INV 12", OUT = 5097.64 (S) INV 12", OUT = 5097.64 (N)
A-7 8" BASIN W/ DOMED GRATE	RIM = 5103.30 INV 8", IN = 5100.30 (W) INV 8", OUT = 5100.30 (E)
A-8 8" BASIN W/ DOMED GRATE	RIM = 5103.10 INV 8", OUT = 5099.90 (E)
A2-1 24" BASIN W/ SOLID TRAFFIC RATED COVER	RIM = 5100.85 INV 18", IN = 5095.62 (W) INV 12", IN = 5095.62 (N) INV 12", IN = 5095.62 (S) INV 24", OUT = 5095.62 (E)
A2-2 12" BASIN W/ DOMED GRATE	RIM = 5102.00 INV 8", OUT = 5099.00 (SW)

STRUCTURE TABLE	
STRUCTURE NAME & TYPE:	STRUCTURE INFO:
A2-3 12" INLINE DRAIN WITH 18"X12" TEE SOLID TRAFFIC RATED COVER	RIM = 5103.45 INV 18", IN = 5097.40 (N) INV 18", OUT = 5097.40 (S)
A2.1-1 18" BASIN W/ 2'X3' ROAD & HWY GRATE INLET	RIM = 5100.80 INV 12", OUT = 5097.80 (N)
A2.1-2 8" BASIN W/ DOMED GRATE	RIM = 5103.20 INV 8", OUT = 5100.20 (SW)
A2.1-3 8" BASIN W/ DOMED GRATE	RIM = 5103.00 INV 8", OUT = 5100.00 (SW)

City of Albuquerque
Planning Department
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HYDROLOGY SECTION
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LEGEND

PROPOSED TRAFFIC RATED INLET

PROPOSED DRAIN BASIN OR INLINE DRAIN WITH GRATE

STORM DRAIN GENERAL NOTES

A. INSTALL ALL STORM DRAIN INLETS, PIPE AND FITTINGS PER MANUFACTURER'S SPECIFICATIONS.

B. PROPOSED INLETS IN LANDSCAPE AREAS CONSIST OF A NYLOPLAST BASIN (SIZE PER PLAN) AND A LOCKING GRATE. SEE KEYED NOTES AND DETAILS THIS SHEET.

C. PROPOSED INLETS IN COURTYARD AREA CONSIST OF A 12" NYLOPLAST INLINE DRAIN WITH 8" OUTLET, AND A LOCKING GRATE. SEE KEYED NOTES AND DETAILS THIS SHEET.

D. PROPOSED MANHOLES IN TRAFFIC AREA CONSIST OF A NYLOPLAST BASIN WITH LOCKING SOLID TRAFFIC RATED GRATE.

E. PROPOSED INLET IN TRAFFIC AREA CONSISTS OF A NYLOPLAST BASIN WITH 2'X3' TRAFFIC RATED GRATE.

F. ALL STORM DRAIN LINES AND FITTINGS TO BE ADS N-12WT WATERTIGHT.

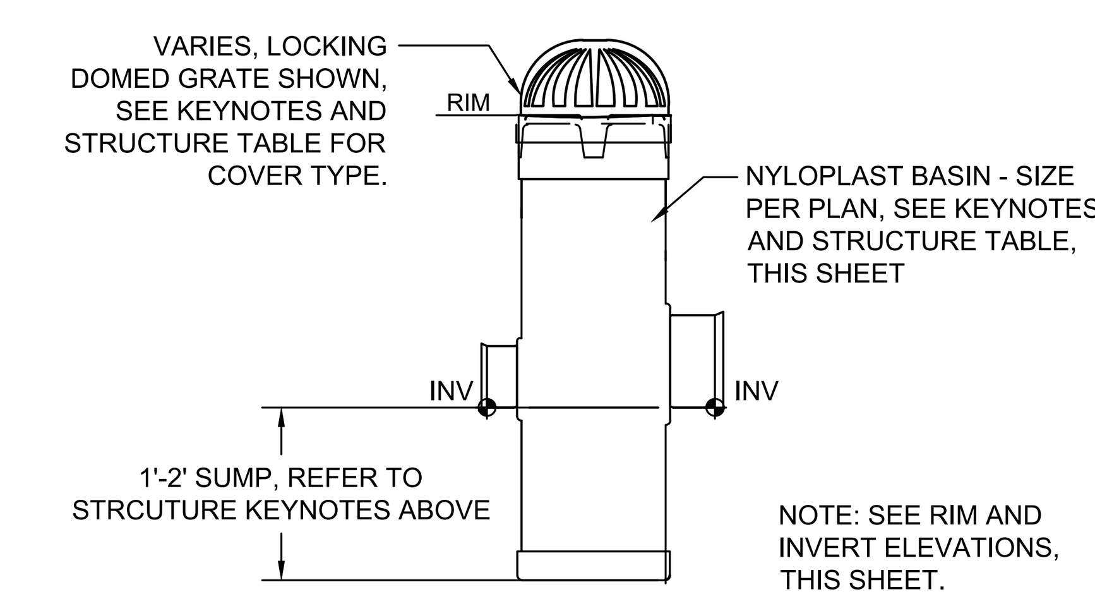
G. INSTALL PIPE WITH SLOPES AND INVERTS PER PLAN.

H. STORM DRAIN SYSTEM WILL REQUIRE REGULAR MAINTENANCE TO ENSURE PROPER FUNCTIONING DURING STORM EVENTS. ENGINEER RECOMMENDS THAT PROPERTY OWNER PUT IN PLACE INSPECTION AND MAINTENANCE CRITERIA SCHEDULED TO OCCUR MONTHLY AND AFTER EACH STORM EVENT.

I. STORM DRAIN PIPE LENGTHS NOTED ON PLAN ARE TO CENTER OF BASINS OR INLINE DRAINS.

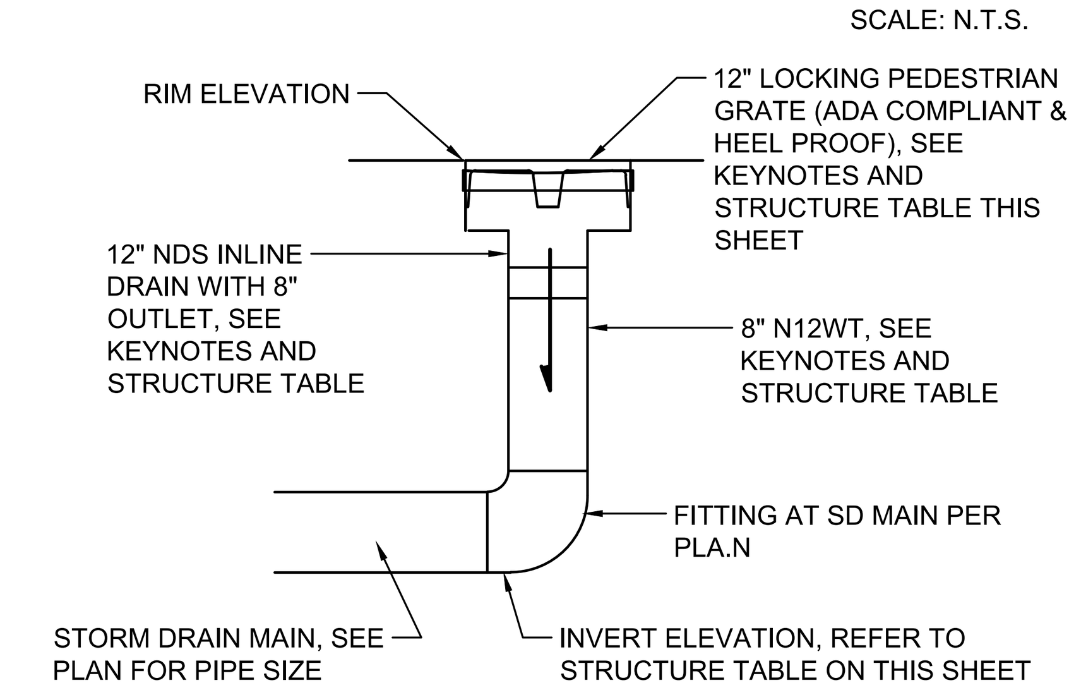
KEYED NOTES

1. 8" 45° BEND
2. 8"X12" 45° WYE
3. 12"x18" REDUCER
4. 12" STUB FOR FUTURE CONNECTION
5. 12" 45° BEND
6. 18" 45° BEND
7. INSERTA TEE CONNECTION TO LARGER STORM LINE.
8. 8" DIA. ADS INLINE DRAIN W/ LOCKING DOME GRATE AND CONCRETE COLLAR
9. NOT USED
10. NOT USED
11. NOT USED
12. 12" DIA. ADS INLINE DRAIN W/ LOCKING DOME GRATE AND CONCRETE COLLAR
13. NOT USED
14. 12" DIA. ADS INLINE DRAIN W/ 12"X12" TEE AND LOCKING SOLID TRAFFIC RATED COVER AND CONCRETE COLLAR
15. 12" DIA. ADS INLINE DRAIN W/ 12"X18" TEE AND LOCKING SOLID TRAFFIC RATED COVER AND CONCRETE COLLAR
16. 18" DIA. ADS NYLOPLAST BASIN W/ 2'X3' ADS ROAD & HIGHWAY TRAFFIC RATED GRATE (LOCKING) AND CONCRETE COLLAR
17. 24" DIA. NYLOPLAST BASIN W/ SOLID TRAFFIC RATED COVER (LOCKING) AND CONCRETE COLLAR, 2' SUMP
18. 30" DIA. NYLOPLAST BASIN W/ SOLID TRAFFIC RATED COVER (LOCKING) AND CONCRETE COLLAR, 2' SUMP
19. NOT USED
20. COVERED PATIO DRAINS. CONNECT TO STORM DRAIN MAIN USING INSERTA TEE. COORDINATE WITH ARCHITECTURAL PLANS FOR SPECIFIC DRAIN LOCATIONS.
21. DEMO EXISTING STORM DRAIN



ADS NYLOPLAST BASIN

SCALE: N.T.S.



IN-LINE DRAIN

SCALE: N.T.S.

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ISSUE: -
PROJECT NUMBER: IA 2470
FILE:
DRAWN BY: BJB
CHECKED BY: ANW
DATE: SEPTEMBER 2023

No	Date	Description

SHEET TITLE

STORM DRAIN PLAN

SHEET NUMBER

CG501

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May 16, 2024
Revisions to pond grading
P1 and P2

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