

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

November 14, 2025

Josh Lutz, PE  
Bohannon Huston, Inc.  
7500 Jefferson St NE  
Albuquerque, NM 87109

**RE: Bedrock**  
**7640 Woodmont Ave NW**  
**Temporary Certificate of Occupancy – Bldg 20 and 21**  
**Engineer's Certification Date: 11/05/2025**  
**Engineer's Stamp Date: 08/27/2024**  
**Hydrology File: C09D011B**

Dear Mr. Lutz:

Based on the Engineer's Partial Grading and Drainage Certification received 11/12/2025 and site visit on 11/14/2025, this letter serves as a conditional approval from Hydrology Section for a 30-day Temporary Certificate of Occupancy for Buildings 20 and 21 to be issued by the Building and Safety Division. The following comment needs to be addressed prior to acceptance for Permanent C.O. of the above referenced project:

Please provide the Drainage Covenant with Exhibit A for the stormwater quality ponds per Article 6-15(C) of the DPM prior to Permanent Release of Occupancy. Please submit the original copies along with the **\$ 25.00** recording fee check made payable to Bernalillo County to the Hydrology Section of Development Review Services on the Ground floor of Plaza de Sol. Electronic submittal through ABQ-PLAN is also required.

Please resubmit for a request for permanent release of Certificate of Occupancy once the above item is complete.

If you have any questions, please contact me at 505-924-3314 or [amontoya@cabq.gov](mailto:amontoya@cabq.gov).

Sincerely,

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

November 5, 2025

Mr. Tiequan Chen, P.E.  
Principal Engineer  
City of Albuquerque  
600 2<sup>nd</sup> Street NW  
Albuquerque, NM 87102

Re: Grading and Drainage Certification (Building 20/21) for Bedrock; Hydrology File  
C09D0118

Dear Tiequan,

We are submitting a grading and drainage certification for the Bedrock project. The certification includes Building 20 and 21. Enclosed for your review is the approved grading and drainage plan dated 06/27/2025. The phase 1 Public Work Order package has been constructed, including all three ponds; retaining walls and curb and gutter have been constructed to support the buildings that we are requesting C.O. for.

After reviewing these as-built elevations and visiting the site on 11-05-2025 it is my belief that the above buildings have been graded in substantial compliance with the approved grading and drainage plan.

Your review and approval is requested for C.O. Approval of the above listed buildings. I appreciate your time and consideration. If you have questions or require additional information, please contact me at 823-1000.

Sincerely,

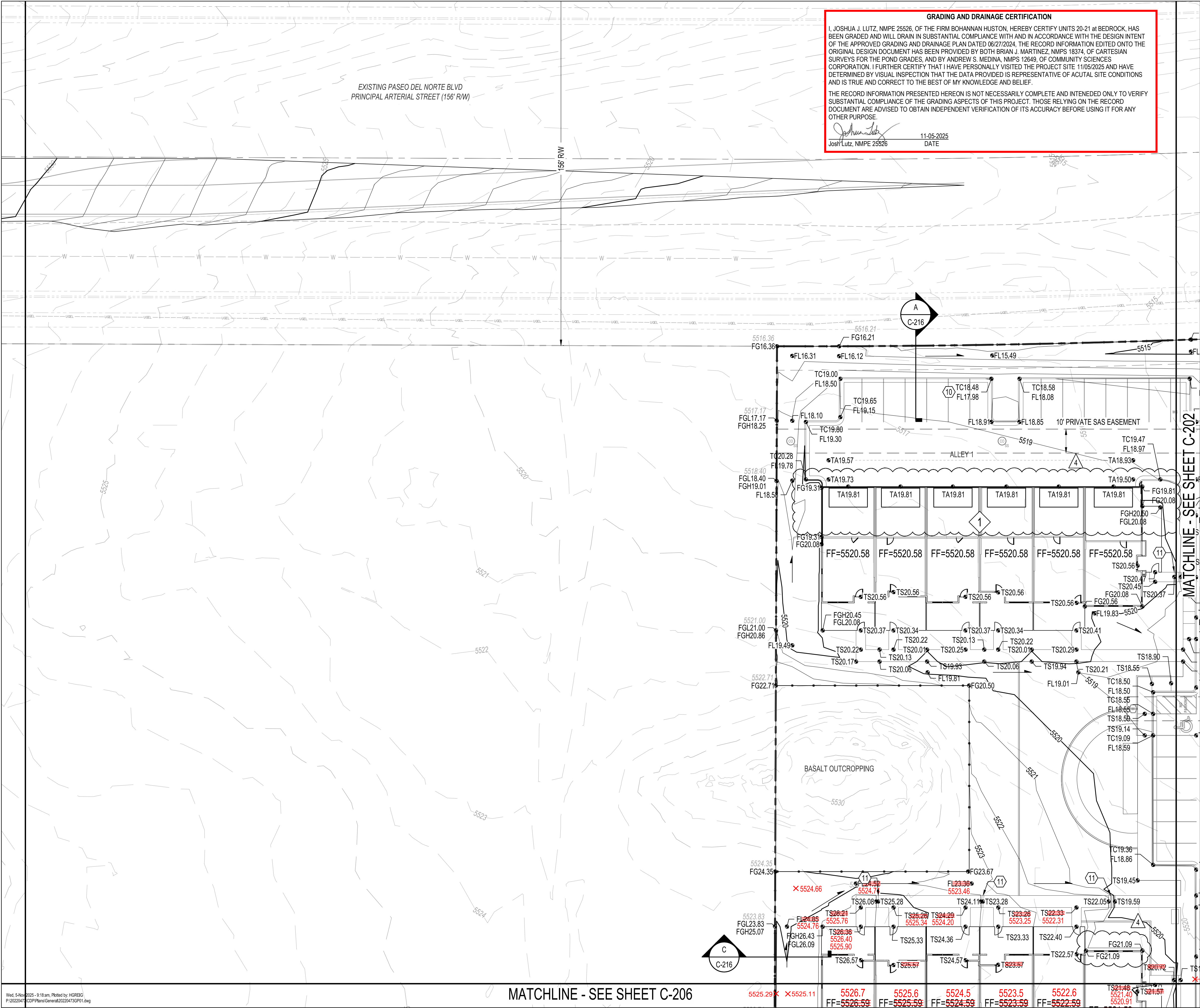


Josh Lutz, P.E.  
Senior Project Manager  
Community Development & Planning

Enclosure

cc: Scott Steffen, PLDG





**GRADING AND DRAINAGE CERTIFICATION**

I, JOSHUA J. LUTZ, NMPE 25526, OF THE FIRM BOHANNAN HUSTON, HEREBY CERTIFY UNITS 20-21 at BEDROCK, HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING AND DRAINAGE PLAN DATED 06/27/2024. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN PROVIDED BY BOTH BRIAN J. MARTINEZ, NMPS 18374, OF CARTESIAN SURVEYS FOR THE POND GRADES, AND BY ANDREW S. MEDINA, NMPS 12649, OF COMMUNITY SCIENCES CORPORATION. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE 11/05/2025 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED IS REPRESENTATIVE OF ACUTAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

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*Joshua J. Lutz*  
Josh Lutz, NMPE 25526  
11-05-2025  
DATE

- GRADING KEYED NOTES**
- INSTALL STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE.
  - CONSTRUCT 4" DIA TYPE "C" STORM DRAIN MANHOLE PER COA STD DWG 2208.
  - CONSTRUCT 4" DIA TYPE "E" STORM DRAIN MANHOLE PER COA STD DWG 2209.
  - CONSTRUCT TYPE "A" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
  - CONSTRUCT 18" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH DOME GRATE.
  - CONSTRUCT TYPE "C" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2205.
  - CONSTRUCT TYPE "D" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
  - CONSTRUCT TYPE "A" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
  - INSTALL STORM DRAIN FLARED END SECTION. SIZE PER PLANS.
  - INSTALL 2" CONCRETE CURB OPENING.
  - INSTALL STAIRS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
  - INSTALL STAIRS PER TYPICAL SECTION. SEE SHEET C-218, DETAIL L.
  - INSTALL PRE-MANUFACTURED STORM DRAIN FITTING. SIZE PER PLANS.
  - INSTALL SIDEWALK CULVERT PER COA STD DWG 2236.
  - INSTALL 8" DIAMETER PIPE CULVERT.
  - CONNECT TO EXISTING INFRASTRUCTURE. CONTRACTOR TO VERIFY ELEVATION.
  - 2X2 NYLOPLAST CURB INLET
  - INSTALL 12" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH ADA RATED PEDESTRIAN GRATE.
  - CONSTRUCT TYPE "D" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
  - INSTALL CONCRETE RUNDOWN PER DETAIL 1, SHEET C-218.
  - INSTALL RIPRAP BLANKET PER DETAIL 2, SHEET C-218.

- LEGEND**
- PROPERTY LINE
  - 5320 PROPOSED INDEX CONTOUR
  - 5319 PROPOSED INTERMEDIATE CONTOUR
  - 5320 EXISTING INDEX CONTOUR
  - 5319 EXISTING INTERMEDIATE CONTOUR
  - PROPOSED DRAINAGE SWALE
  - DIRECTION OF FLOW
  - WATER BLOCK/GRADE BREAK
  - PROPOSED STORM DRAIN MANHOLE
  - PROPOSED STORM DRAIN INLETS
  - PROPOSED STORM DRAIN CAP
  - PROPOSED WATER LINE
  - PROPOSED SANITARY SEWER LINE
  - PROPOSED WUA EASEMENT
  - SLOPE BREAK
  - RETAINING WALL
  - PROPOSED STORM DRAIN EASEMENT
  - BUILDING NUMBER

**BOHANNAN HUSTON**  
www.bhinc.com 800.877.5332

**DESIGN**

DATE: 03/07/2025

NO. 4

DESIGNED BY: JL

CHECKED BY: JL

DRAWN BY: AR

|                                             |  |     |  |            |  |                                                |  |                      |  |                 |  |      |  |
|---------------------------------------------|--|-----|--|------------|--|------------------------------------------------|--|----------------------|--|-----------------|--|------|--|
| SHEET                                       |  | OF  |  |            |  |                                                |  |                      |  |                 |  |      |  |
| 21                                          |  | 55  |  |            |  |                                                |  |                      |  |                 |  |      |  |
| DESIGN                                      |  | NO. |  | DATE       |  | REVISIONS                                      |  | AS-BUILT INFORMATION |  | BENCH MARKS     |  |      |  |
|                                             |  | JL  |  | 03/07/2025 |  | ASH-1004 RETAINING WALLS AND GARAGE ELEVATIONS |  | BY                   |  |                 |  |      |  |
| DESIGNED BY                                 |  | JL  |  | 03/07/2025 |  | ASH-1004 RETAINING WALLS AND GARAGE ELEVATIONS |  | HG                   |  | CONTRACTOR      |  | DATE |  |
| CHECKED BY                                  |  | JL  |  | 03/07/2025 |  | ASH-1004 RETAINING WALLS AND GARAGE ELEVATIONS |  | 03/07/2025           |  | WORK            |  | DATE |  |
| DRAWN BY                                    |  | AR  |  | 03/07/2025 |  | ASH-1004 RETAINING WALLS AND GARAGE ELEVATIONS |  | 03/07/2025           |  | INSPECTORS      |  | DATE |  |
|                                             |  |     |  |            |  |                                                |  |                      |  | ACCEPTANCE BY   |  | DATE |  |
|                                             |  |     |  |            |  |                                                |  |                      |  | FIELD           |  | DATE |  |
|                                             |  |     |  |            |  |                                                |  |                      |  | VERIFICATION BY |  | DATE |  |
|                                             |  |     |  |            |  |                                                |  |                      |  | DRAWINGS        |  | DATE |  |
|                                             |  |     |  |            |  |                                                |  |                      |  | CORRECTED BY    |  | DATE |  |
|                                             |  |     |  |            |  |                                                |  |                      |  |                 |  |      |  |
| ENGINEER'S SEAL                             |  |     |  |            |  |                                                |  |                      |  |                 |  |      |  |
| ALBUQUERQUE CONTROL SURVEY MONUMENT "UNION" |  |     |  |            |  |                                                |  |                      |  |                 |  |      |  |
| GEOGRAPHIC POSITION (NAD 83)                |  |     |  |            |  |                                                |  |                      |  |                 |  |      |  |
| N.M. STATE PLANE COORDINATES (CENTRAL ZONE) |  |     |  |            |  |                                                |  |                      |  |                 |  |      |  |
| N = 1523.503.475, E = 1,493.655.030         |  |     |  |            |  |                                                |  |                      |  |                 |  |      |  |
| GROUND TO GRD FACTOR = 0.999864360          |  |     |  |            |  |                                                |  |                      |  |                 |  |      |  |
| DELTA ALPHA = 00° 16'38.96"                 |  |     |  |            |  |                                                |  |                      |  |                 |  |      |  |
| ELEVATION = 5524.950 (NAVD 88)              |  |     |  |            |  |                                                |  |                      |  |                 |  |      |  |

MATCHLINE - SEE SHEET C-206



I, JOSHUA J. LUTZ, NMPE 25526, OF THE FIRM BOHANNAN HUSTON, HEREBY CERTIFY UNITS 20-21 at BEDROCK, HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING AND DRAINAGE PLAN DATED 06/27/2024. THE RECORD INFORMATION EDITED INTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN PROVIDED BY BOTH BRIAN J. MARTINEZ, NMPS 18374, OF CARTESIAN SURVEYS FOR THE POND GRADES, AND BY ANDREW S. MEDINA, NMPS 12649, OF COMMUNITY SCIENCES CORPORATION. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE 11/05/2025 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

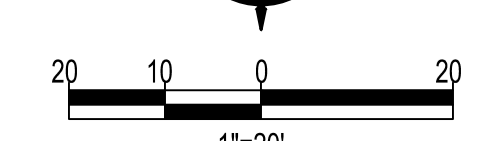
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Josh Lutz, NMPE 25526      11-05-2025  
DATE

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1. INSTALL STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE.
2. CONSTRUCT 4" DIA TYPE "C" STORM DRAIN MANHOLE PER COA STD DWG 2208.
3. CONSTRUCT 4" DIA TYPE "E" STORM DRAIN MANHOLE PER COA STD DWG 2209.
4. CONSTRUCT TYPE "A" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
5. CONSTRUCT 16" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH DOME GRATE.
6. CONSTRUCT TYPE "C" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2205.
7. CONSTRUCT TYPE "C" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
8. CONSTRUCT TYPE "A" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
9. INSTALL STORM DRAIN FLARED END SECTION. SIZE PER PLANS.
10. INSTALL 2" CONCRETE CURB OPENING.
11. INSTALL STAIRS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
12. INSTALL STAIRS PER TYPICAL SECTION. SEE SHEET C-218, DETAIL L.
13. INSTALL PRE-MANUFACTURED STORM DRAIN FITTING. SIZE PER PLANS.
14. INSTALL SIDEWALK CULVERT PER COA STD DWG 2236.
15. INSTALL 8" DIAMETER PIPE CULVERT.
16. CONNECT TO EXISTING INFRASTRUCTURE. CONTRACTOR TO VERIFY ELEVATION.
17. 2X2 NYLOPLAST CURB INLET
18. INSTALL 12" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH ADA RATED PEDESTRIAN GRATE.
19. CONSTRUCT TYPE "D" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
20. INSTALL CONCRETE ROUNDOFF PER DETAIL 1, SHEET C-218.
21. INSTALL RIPRAP BLANKET PER DETAIL 2, SHEET C-218.

|  |                               |
|--|-------------------------------|
|  | PROPERTY LINE                 |
|  | PROPOSED INDEX CONTOUR        |
|  | PROPOSED INTERMEDIATE CONTOUR |
|  | EXISTING INDEX CONTOUR        |
|  | EXISTING INTERMEDIATE CONTOUR |
|  | PROPOSED DRAINAGE SWALE       |
|  | DIRECTION OF FLOW             |
|  | WATER BLOCK/GRADE BREAK       |
|  | PROPOSED STORM DRAIN MANHOLE  |
|  | PROPOSED STORM DRAIN INLETS   |
|  | PROPOSED STORM DRAIN CAP      |
|  | PROPOSED WATER LINE           |
|  | PROPOSED SANITARY SEWER LINE  |
|  | PROPOSED WUA EASEMENT         |
|  | SLOPE BREAK                   |
|  | RETAINING WALL                |
|  | PROPOSED STORM DRAIN EASEMENT |
|  | BUILDING NUMBER               |



## BEDROCK GRADING PLAN

| DESIGN      |     | REVISIONS |          |                                               | AS-BUILT INFORMATION |                           |
|-------------|-----|-----------|----------|-----------------------------------------------|----------------------|---------------------------|
|             | NO. | DATE      |          | BY                                            |                      |                           |
| DESIGNED BY | JL  | 2         | 05-09-24 | ASH-002 VE EFFORTS                            | HG                   | CONTRACTOR                |
|             |     | 4         | 03-07-25 | ASH-004 RETAINING WALLS AND GARAGE ELEVATIONS | HG                   | WORK STARTED BY           |
| CHECKED BY  |     | ----      | 03-07-25 | ASH-004 RETAINING WALLS AND GARAGE ELEVATIONS | HG                   |                           |
|             | JL  | ----      | ----     | ----                                          | ----                 | INSPECTOR'S ACCEPTANCE BY |
| DRAWN BY    |     |           |          |                                               |                      | FIELD VERIFICATION BY     |
|             | AR  |           |          |                                               |                      | DRAWINGS CORRECTED BY     |
|             |     |           |          |                                               |                      | DATE                      |

|                 |         |       |    |
|-----------------|---------|-------|----|
| BHI PROJECT NO. | DWG NO. | SHEET | OF |
| 20220473        | C-202   | 22    | 55 |



GRADING AND DRAINAGE CERTIFICATION

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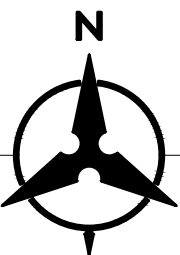
Josh Lutz, NMPE 25526  
11-05-2025  
DATE

GRADING KEYED NOTES

1. INSTALL STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE.
2. CONSTRUCT 4" DIA TYPE "C" STORM DRAIN MANHOLE PER COA STD DWG 2208.
3. CONSTRUCT 4" DIA TYPE "E" STORM DRAIN MANHOLE PER COA STD DWG 2209.
4. CONSTRUCT TYPE "A" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
5. CONSTRUCT 18" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH DOME GRATE.
6. CONSTRUCT TYPE "C" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2205.
7. CONSTRUCT TYPE "D" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
8. CONSTRUCT TYPE "A" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
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10. INSTALL 2" CONCRETE CURB OPENING.
11. INSTALL STAIRS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
12. INSTALL STAIRS PER TYPICAL SECTION. SEE SHEET C-218, DETAIL L.
13. INSTALL PRE-MANUFACTURED STORM DRAIN FITTING. SIZE PER PLANS.
14. INSTALL SIDEWALK CULVERT PER COA STD DWG 2236.
15. INSTALL 8" DIAMETER PIPE CULVERT.
16. CONNECT TO EXISTING INFRASTRUCTURE. CONTRACTOR TO VERIFY ELEVATION.
17. 2X2 NYLOPLAST CURB INLET
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19. CONSTRUCT TYPE "D" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
20. INSTALL CONCRETE RUNDOWN PER DETAIL 1, SHEET C-218.
21. INSTALL RIPRAP BLANKET PER DETAIL 2, SHEET C-218.

LEGEND

- PROPERTY LINE
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- PROPOSED DRAINAGE SWALE
- DIRECTION OF FLOW
- WATER BLOCK/GRADE BREAK
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- PROPOSED STORM DRAIN INLETS
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- PROPOSED WATER LINE
- PROPOSED SANITARY SEWER LINE
- PROPOSED WUA EASEMENT
- SLOPE BREAK
- RETAINING WALL
- PROPOSED STORM DRAIN EASEMENT
- BUILDING NUMBER



20 10 0 20  
1"=20'

**Bohannon Huston**  
www.bhinc.com 800.877.5332

BEDROCK  
GRADING PLAN

BHI PROJECT NO. 20220473 DWG NO. C-204 SHEET 24 OF 55

| BENCH MARKS                                 |  |  |  |  |  |
|---------------------------------------------|--|--|--|--|--|
| ALBUQUERQUE CONTROL SURVEY MONUMENT "UNION" |  |  |  |  |  |
| GEOGRAPHIC POSITION (NAD 83)                |  |  |  |  |  |
| N.M. STATE PLANE COORDINATES (CENTRAL ZONE) |  |  |  |  |  |
| N = 1,523,503.475 E = 1,453,655.030         |  |  |  |  |  |
| GROUND TO GRD FACTOR = 0.99864560           |  |  |  |  |  |
| DELTA ALPHA = 00° 16'58.86"                 |  |  |  |  |  |
| ELEVATION = 5524.950 (NAVD 88)              |  |  |  |  |  |

ENGINEER'S SEAL



| AS-BUILT INFORMATION |            |                                                |     |            |             |
|----------------------|------------|------------------------------------------------|-----|------------|-------------|
| BY                   | CONTRACTOR | DATE                                           | BY  | CONTRACTOR | DATE        |
| BY                   | HG         |                                                | BY  | HG         |             |
| REVISIONS            |            |                                                |     |            |             |
| NO.                  | DATE       | DESCRIPTION                                    | NO. | DATE       | DESCRIPTION |
| 2                    | 09-05-24   | ASH-1000 VE EFFORTS                            |     |            |             |
| 4                    | 04-17-25   | ASH-1004 RETAINING WALLS AND GARAGE ELEVATIONS |     |            |             |

| DESIGN |  | DESIGNED BY | CHECKED BY | DRAWN BY |
|--------|--|-------------|------------|----------|
|        |  | JL          | JL         | AR       |



**TRACT 3  
FUTURE DEVELOPMENT  
MX-L (5.87 AC)**

**GRADING AND DRAINAGE CERTIFICATION**

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Josh Lutz, NMPE 25526      11-05-2025  
DATE

**MATCHLINE - SEE SHEET C-201**

**MATCHLINE - SEE SHEET C-205**

**MATCHLINE - SEE SHEET C-207**

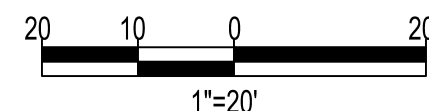
**MATCHLINE - SEE SHEET C-211**

I, JOSHUA J. LUTZ, NMEP 2555 OF THE FIRM BOHANNAN HUSTON, HEREBY CERTIFY UNITS 20-21 at BEDROCK, HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING AND DRAINAGE PLAN DATED 06/27/2024, THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN PROVIDED BY BOTH BRIAN J. MARTINEZ, NMEP 18374, OF CARTESIAN SURVEYS FOR THE POND GRADES, AND BY ANDREW S. MEDINA, NMEP 12649, OF COMMUNITY SCIENCES CORPORATION. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE 11/05/2025 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.


 11-05-2023  
 Josh Lutz, NMPE 25526 DATE

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|  |                               |
|--|-------------------------------|
|  | PROPERTY LINE                 |
|  | PROPOSED INDEX CONTOUR        |
|  | PROPOSED INTERMEDIATE CONTOUR |
|  | EXISTING INDEX CONTOUR        |
|  | EXISTING INTERMEDIATE CONTOUR |
|  | PROPOSED DRAINAGE SWALE       |
|  | DIRECTION OF FLOW             |
|  | WATER BLOCK/GRADE BREAK       |
|  | PROPOSED STORM DRAIN MANHOLE  |
|  | PROPOSED STORM DRAIN INLETS   |
|  | PROPOSED STORM DRAIN CAP      |
|  | PROPOSED WATER LINE           |
|  | PROPOSED SANITARY SEWER LINE  |
|  | PROPOSED WIJA EASEMENT        |
|  | SLOPE BREAK                   |
|  | RETAINING WALL                |
|  | PROPOSED STORM DRAIN EASEMENT |
|  | BUILDING NUMBER               |

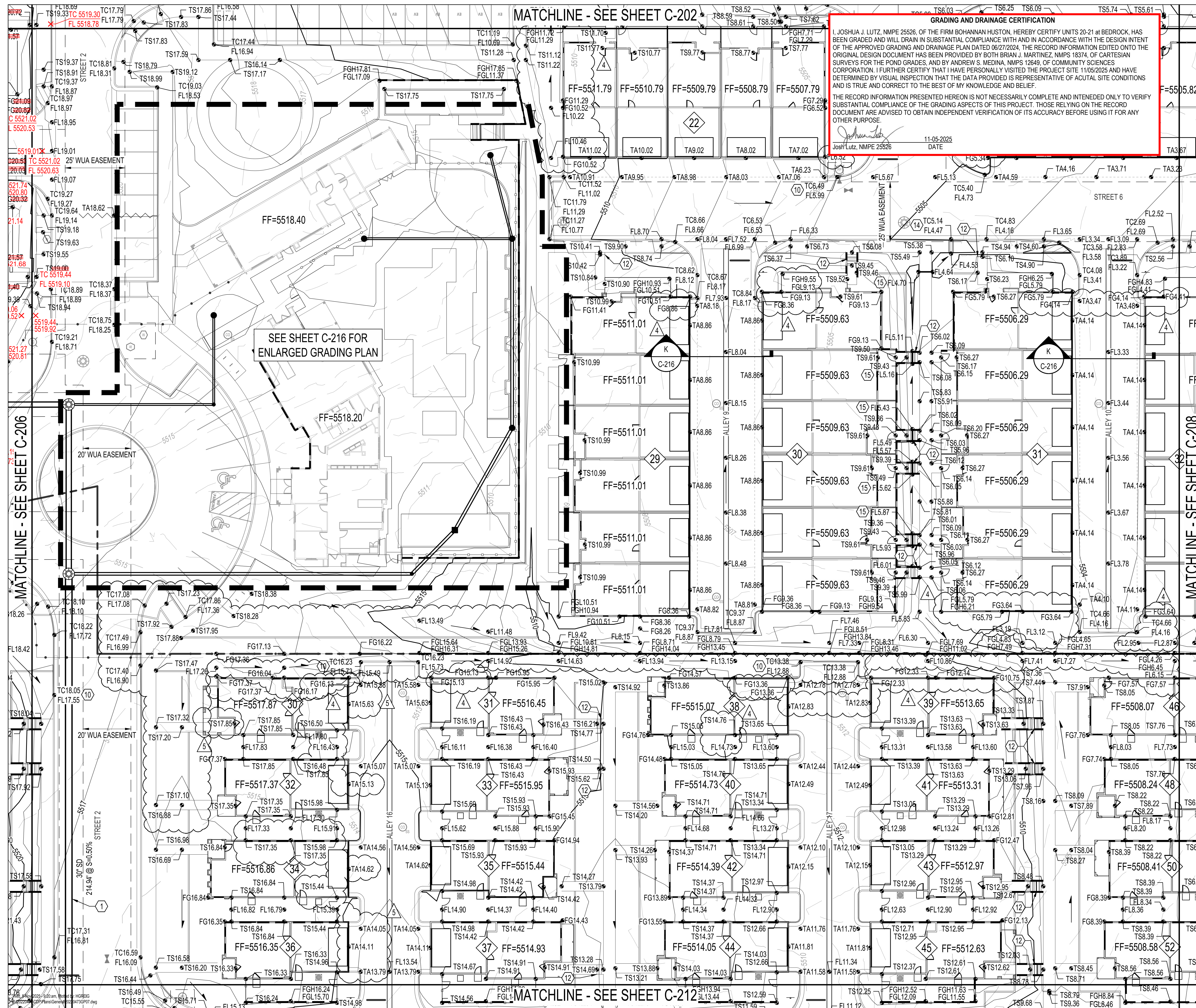


## BEDROCK GRADING PLAN

The seal is circular with the text "NEW MEXICO" at the top and "PROFESSIONAL ENGINEER" at the bottom. In the center is the number "25526". A signature "John Lutz" is written across the top half, and the date "06-27-2021" is written across the bottom half.

| DESIGN      |     | REVISONS |                                               | AS-BUILT INFORMATION |                                |
|-------------|-----|----------|-----------------------------------------------|----------------------|--------------------------------|
|             | NO. | DATE     |                                               | BY                   |                                |
| DESIGNED BY | JL  | 03-07-25 | AS1-004 RETAINING WALLS AND GARAGE ELEVATIONS | HC                   | CONTRACTOR DATE                |
|             |     |          |                                               |                      | WORK STARTED BY DATE           |
| CHECKED BY  | JL  |          |                                               |                      | INSPECTIONS ACCEPTANCE BY DATE |
|             |     |          |                                               |                      | FIELD VERIFICATION BY DATE     |
| DRAWN BY    | AR  |          |                                               |                      | PRINTINGS CORRECTED BY DATE    |

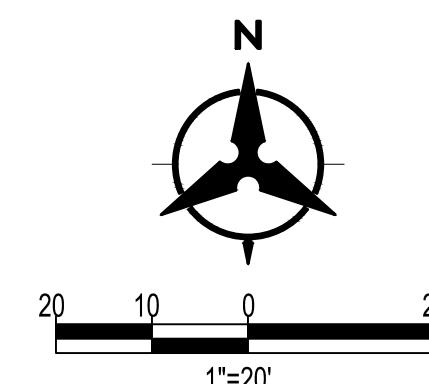
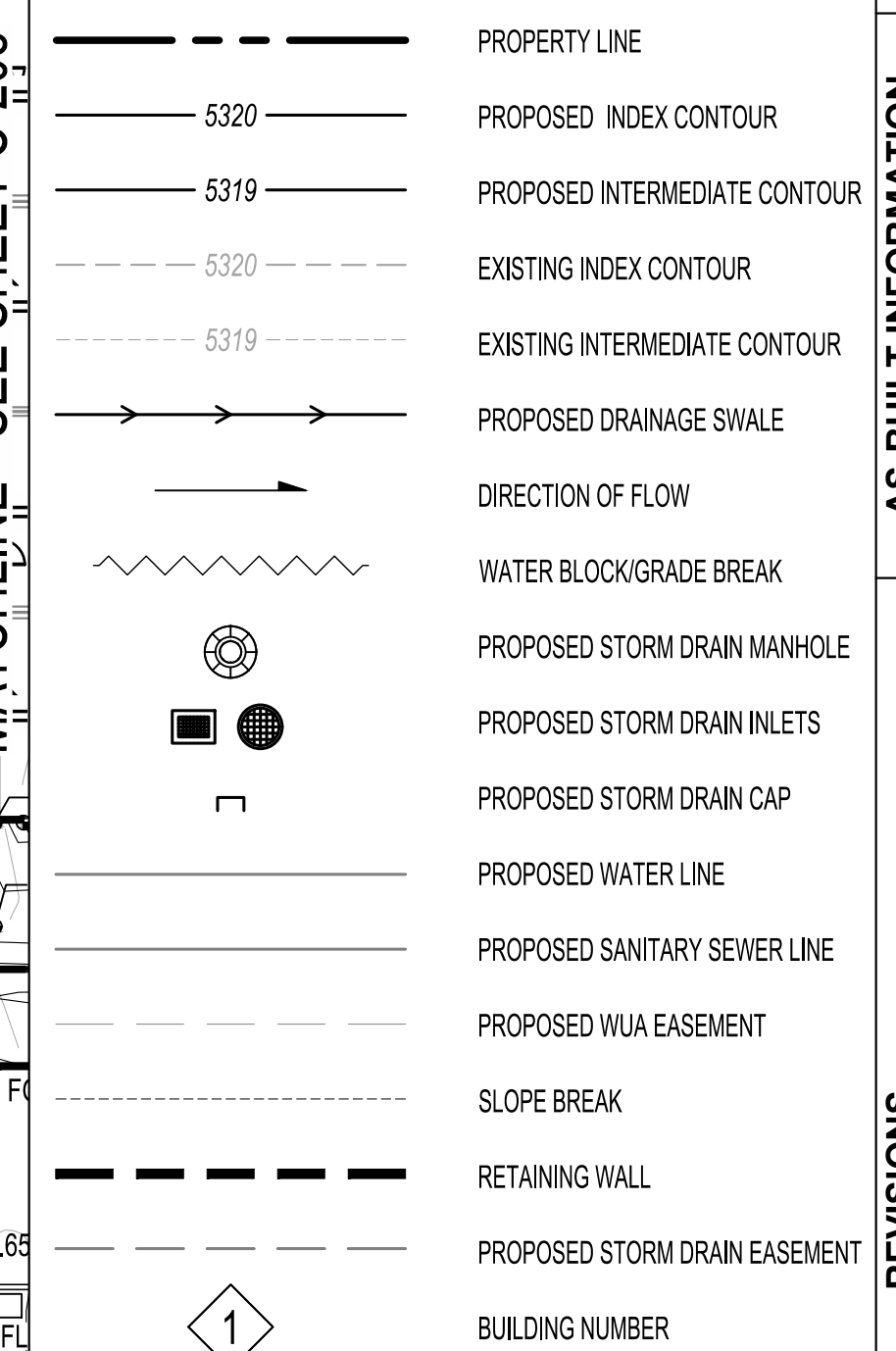




## GRADING KEYED NOTES

1. INSTALL STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE.
2. CONSTRUCT 4' DIA TYPE "C" STORM DRAIN MANHOLE PER COA STD DWG 2208.
3. CONSTRUCT 4' DIA TYPE "E" STORM DRAIN MANHOLE PER COA STD DWG 2209.
4. CONSTRUCT TYPE "A" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
5. CONSTRUCT 18" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH DOME GRATE.
6. CONSTRUCT TYPE "C" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2205.
7. CONSTRUCT TYPE "D" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
8. CONSTRUCT TYPE "A" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
9. INSTALL STORM DRAIN FLARED END SECTION. SIZE PER PLANS.
10. INSTALL 2' CONCRETE CURB OPENING.
11. INSTALL STAIRS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
12. INSTALL STAIRS PER TYPICAL SECTION. SEE SHEET C-218, DETAIL L.
13. INSTALL PRE-MANUFACTURED STORM DRAIN FITTING. SIZE PER PLANS.
14. INSTALL SIDEWALK CULVERT PER COA STD DWG 2236.
15. INSTALL 8" DIAMETER PIPE CULVERT.
16. CONNECT TO EXISTING INFRASTRUCTURE. CONTRACTOR TO VERIFY ELEVATION.
17. 2X2 NYLOPLAST CURB INLET
18. INSTALL 12" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH ADA RATED PEDESTRIAN GRATE.
19. CONSTRUCT TYPE "D" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
20. INSTALL CONCRETE RUNDOWN PER DETAIL 1, SHEET C-218.

## LEGEND



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## BEDROCK GRADING PLAN

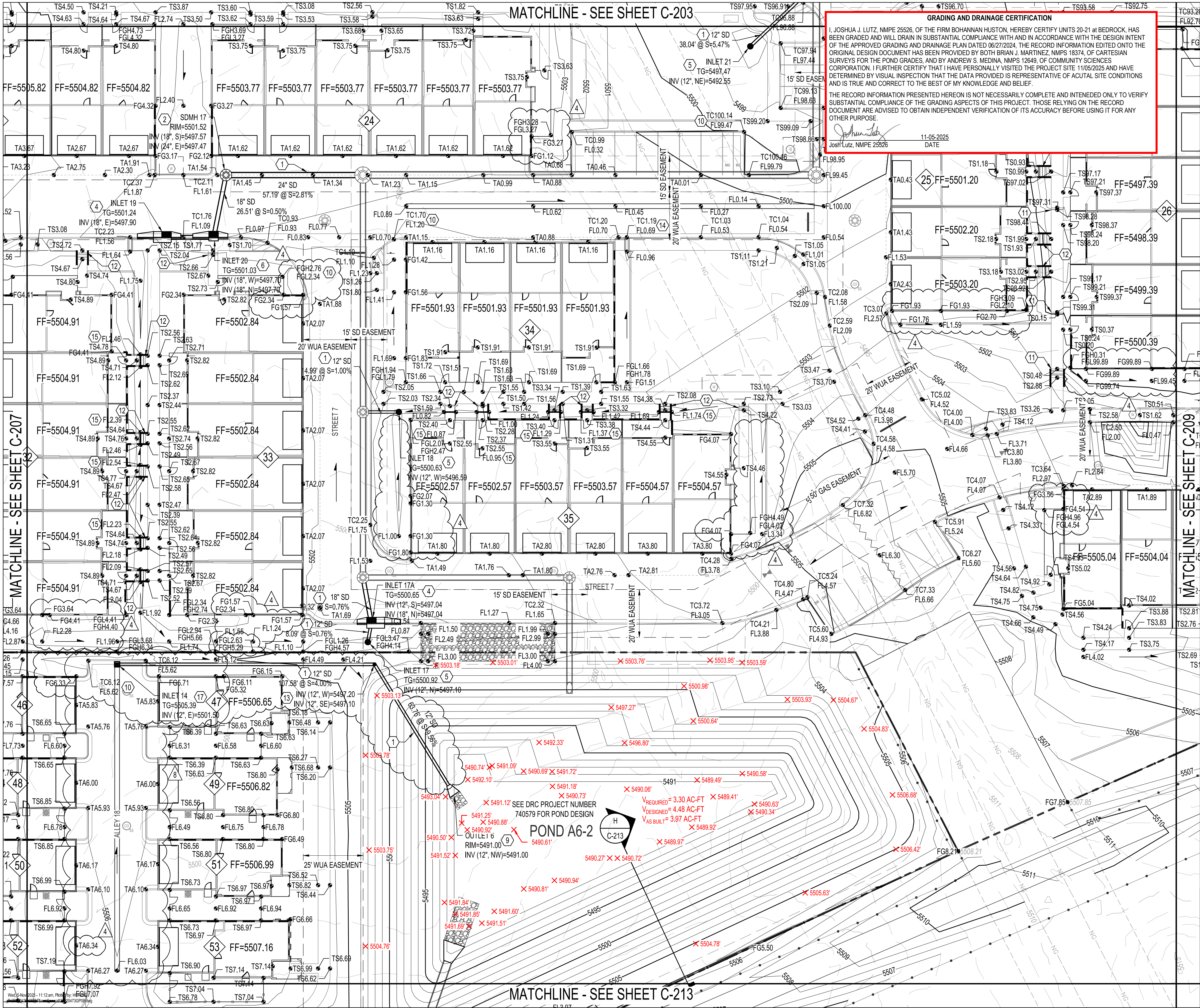
| BENCH MARKS                                 |
|---------------------------------------------|
| ALBUQUERQUE CONTROL SURVEY MONUMENT "UNION" |
| GEOGRAPHIC POSITION (NAD 83)                |
| N.M. STATE PLANE COORDINATES (CENTRAL ZONE) |
| N = 1523.503, 475. E = 1493.655, 030        |
| GROUND TO GROUND FACTOR = 0.999664360       |
| DELTA ALPHA = 00° 16'58.96"                 |
| ELEVATION = 5524.950 (NAVD 88)              |

## ENGINEER'S SEAL



| DESIGN      |     | REVISIONS |          |                                               | AS-BUILT INFORMATION |                           |      |
|-------------|-----|-----------|----------|-----------------------------------------------|----------------------|---------------------------|------|
|             | NO. | DATE      |          |                                               | BY                   |                           | DATE |
| DESIGNED BY | JL  | 2         | 09-05-24 | ASH-002 VE EFFORTS                            |                      | HG                        |      |
|             |     | 4         | 03-07-25 | ASH-004 RETAINING WALLS AND GARAGE ELEVATIONS |                      | HG                        |      |
|             |     | 5         | 05-27-25 | ASH-005 GARAGE ELEVATIONS                     |                      | HG                        |      |
| CHECKED BY  | JL  |           |          |                                               |                      | INSPECTOR'S ACCEPTANCE BY | DATE |
|             |     |           |          |                                               |                      |                           |      |
|             |     |           |          |                                               |                      | FIELD VERIFICATION BY     | DATE |
| DRAWN BY    | AR  |           |          |                                               |                      | DRAWINGS CORRECTED BY     | DATE |
|             |     |           |          |                                               |                      |                           |      |
|             |     |           |          |                                               |                      |                           |      |





### GRADING KEYED NOTES

- INSTALL STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE.
- CONSTRUCT 4" DIA TYPE "C" STORM DRAIN MANHOLE PER COA STD DWG 2208.
- CONSTRUCT 4" DIA TYPE "E" STORM DRAIN MANHOLE PER COA STD DWG 2209.
- CONSTRUCT TYPE "A" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
- CONSTRUCT 18" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH DOME GRATE.
- CONSTRUCT TYPE "C" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2205.
- CONSTRUCT TYPE "D" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
- CONSTRUCT TYPE "A" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
- INSTALL STORM DRAIN FLARED END SECTION. SIZE PER PLANS.
- INSTALL 2" CONCRETE CURB OPENING.
- INSTALL STAIRS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
- INSTALL STAIRS PER TYPICAL SECTION. SEE SHEET C-218, DETAIL L.
- INSTALL PRE-MANUFACTURED STORM DRAIN FITTING. SIZE PER PLANS.
- INSTALL SIDEWALK CULVERT PER COA STD DWG 2236.
- INSTALL 8" DIAMETER PIPE CULVERT.
- CONNECT TO EXISTING INFRASTRUCTURE. CONTRACTOR TO VERIFY ELEVATION.
- 2X2 NYLOPLAST CURB INLET
- INSTALL 12" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH ADA RATED PEDESTRIAN GRATE.
- CONSTRUCT TYPE "D" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
- INSTALL CONCRETE RUNDOWN PER DETAIL 1, SHEET C-218.
- INSTALL RIPRAP BLANKET PER DETAIL 2, SHEET C-218.

### LEGEND

|  |                               |
|--|-------------------------------|
|  | PROPERTY LINE                 |
|  | PROPOSED INDEX CONTOUR        |
|  | PROPOSED INTERMEDIATE CONTOUR |
|  | EXISTING INDEX CONTOUR        |
|  | EXISTING INTERMEDIATE CONTOUR |
|  | PROPOSED DRAINAGE SWALE       |
|  | DIRECTION OF FLOW             |
|  | WATER BLOCK/GRADE BREAK       |
|  | PROPOSED STORM DRAIN MANHOLE  |
|  | PROPOSED STORM DRAIN INLETS   |
|  | PROPOSED STORM DRAIN CAP      |
|  | PROPOSED WATER LINE           |
|  | PROPOSED SANITARY SEWER LINE  |
|  | PROPOSED WUA EASEMENT         |
|  | SLOPE BREAK                   |
|  | RETAINING WALL                |
|  | PROPOSED STORM DRAIN EASEMENT |
|  | BUILDING NUMBER               |

### ENGINEER'S SEAL

ALBUQUERQUE CONTROL SURVEY MONUMENT "UNION"

GEOGRAPHIC POSITION (NAD 83)  
N.M. STATE PLANE COORDINATES (CENTRAL ZONE)  
N = 1,523,503.475 E = 1,433,655.030  
GROUND TO GRID FACTOR = 0.999864360  
DELTA ALPHA = 00° 16'38.96"  
ELEVATION = 5524.950 (NAVD 88)

**ENGINEER'S SEAL**

Joshua J. Lutz  
NEW MEXICO  
25526  
11-25-2025  
PROFESSIONAL ENGINEER

### AS-BUILT INFORMATION

| BY | DATE | CONTRACTOR | WORK | INSPECTOR | DATE | DATE | DATE | DATE |
|----|------|------------|------|-----------|------|------|------|------|
| BY | DATE | CONTRACTOR | WORK | INSPECTOR | DATE | DATE | DATE | DATE |

### REVISIONS

| NO. | DATE     | DESCRIPTION                                   |
|-----|----------|-----------------------------------------------|
| 1   | 09-05-24 | ASH-002 V.E. EFFORTS                          |
| 2   | 03-07-25 | ASH-004 RETAINING WALLS AND GARAGE ELEVATIONS |
| 3   | 07-10-25 | ASH-006 DRIVEWAY GRADES                       |
| 4   | 09-12-25 | ASH-008 GRADING UPDATES                       |

### DESIGN

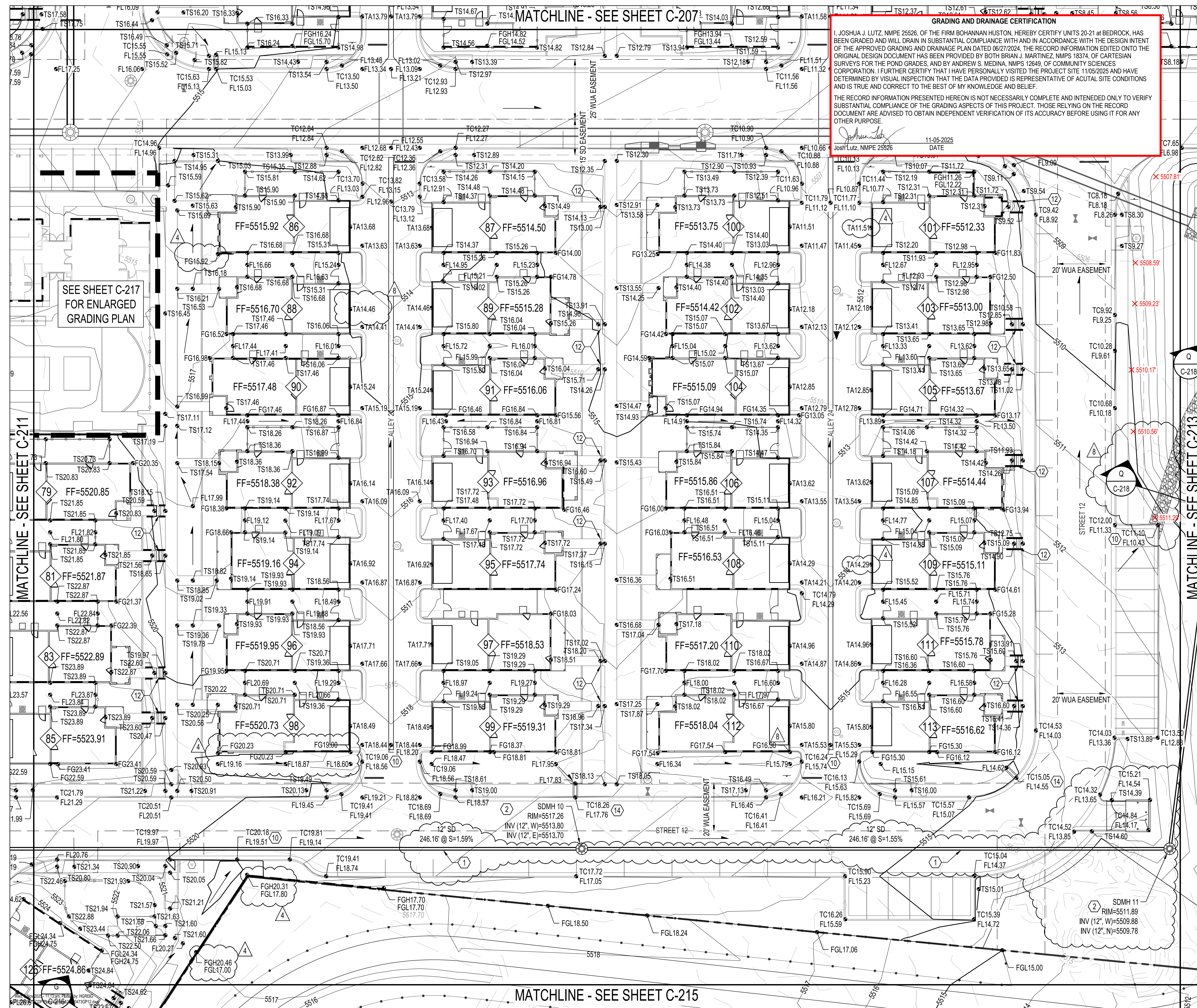
| DESIGNED BY | CHECKED BY | DRAWN BY |
|-------------|------------|----------|
| JL          | JL         | AR       |

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**BEDROCK GRADING PLAN**

BHI PROJECT NO. 20220473 DWG NO. C-208 SHEET 28 OF 55



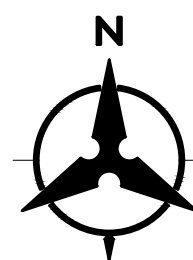


## GRADING KEYED NOTES

1. INSTALL STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE.
2. CONSTRUCT 4" DIA TYPE "C" STORM DRAIN MANHOLE PER COA STD DWG 2208.
3. CONSTRUCT 4" DIA TYPE "E" STORM DRAIN MANHOLE PER COA STD DWG 2209.
4. CONSTRUCT TYPE "A" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
5. CONSTRUCT 18" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH DOME GRATE.
6. CONSTRUCT TYPE "C" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2205.
7. CONSTRUCT TYPE "D" SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
8. CONSTRUCT TYPE "A" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2201.
9. INSTALL STORM DRAIN FLARED END SECTION. SIZE PER PLANS.
10. INSTALL 2' CONCRETE CURB OPENING.
11. INSTALL STAIRS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
12. INSTALL STAIRS PER TYPE/SECTION. SEE SHEET C-218, DETAIL L.
13. INSTALL PRE-MANUFACTURED STORM DRAIN FITTING. SIZE PER PLANS.
14. INSTALL SIDEWALK CULVERT PER COA STD DWG 2236.
15. INSTALL 8" DIAMETER PIPE CULVERT.
16. CONNECT TO EXISTING INFRASTRUCTURE. CONTRACTOR TO VERIFY ELEVATION.
17. 2X2 NYLOPLAST CURB INLET
18. INSTALL 12" (UNLESS OTHERWISE NOTED) NYLOPLAST STORM DRAIN INLET WITH ADA RATED PEDESTRIAN GRATE.
19. CONSTRUCT TYPE "D" DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
20. INSTALL CONCRETE ROUNDOFF PER DETAIL 1, SHEET C-218.
21. INSTALL RIPRAP BLANKET PER DETAIL 2, SHEET C-218.

## LEGEND

|  |                               |
|--|-------------------------------|
|  | PROPERTY LINE                 |
|  | PROPOSED INDEX CONTOUR        |
|  | PROPOSED INTERMEDIATE CONTOUR |
|  | EXISTING INDEX CONTOUR        |
|  | EXISTING INTERMEDIATE CONTOUR |
|  | PROPOSED DRAINAGE SWALE       |
|  | DIRECTION OF FLOW             |
|  | WATER BLOCK/GRADE BREAK       |
|  | PROPOSED STORM DRAIN MANHOLE  |
|  | PROPOSED STORM DRAIN INLETS   |
|  | PROPOSED STORM DRAIN CAP      |
|  | PROPOSED WATER LINE           |
|  | PROPOSED SANITARY SEWER LINE  |
|  | PROPOSED WUA EASEMENT         |
|  | SLOPE BREAK                   |
|  | RETAINING WALL                |
|  | PROPOSED STORM DRAIN EASEMENT |
|  | BUILDING NUMBER               |



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## BEDROCK GRADING PLAN

|                 |         |       |    |
|-----------------|---------|-------|----|
| BHI PROJECT NO. | DWG NO. | SHEET | OF |
| 20220473        | C-212   | 32    | 55 |

| BENCH MARKS | CONTROL SURVEY MONI |
|-------------|---------------------|
|-------------|---------------------|

| BENCH MARKS                                   |
|-----------------------------------------------|
| ALBUQUERQUE CONTROL SURVEY MONUMENT * UNION * |
| GEOGRAPHIC POSITION (NAD 83)                  |
| N.M. STATE PLANE COORDINATES (CENTRAL ZONE)   |
| N = 1523 503.475, E = 1493 655.030            |
| GROUND TO GRD FACTOR = 0.99864360             |
| DELTA ALPHA = 00° 16'58.98"                   |
| ELEVATION = 5524.950 (NAVD 88)                |

## ENGINEER'S SEAL



## **AS-BUILT INFORMATION**

| REVISIONS |          |                                               | AS-BUILT INFORMATION |                              |      |
|-----------|----------|-----------------------------------------------|----------------------|------------------------------|------|
| NO.       | DATE     |                                               | BY                   | CONTRACTOR                   | DATE |
| 2         | 09-05-24 | ASI-002 VE EFFORTS                            | HG                   |                              |      |
| 4         | 03-07-25 | ASI-004 RETAINING WALLS AND GARAGE ELEVATIONS | HG                   | WORK<br>STAGED BY            | DATE |
| 8         | 09-12-25 | ASI-008 GRADING UPDATES                       | HG                   | INSPECTOR'S<br>ACCEPTANCE BY | DATE |
|           |          |                                               |                      | FIELD<br>VERIFICATION BY     | DATE |
|           |          |                                               |                      | DRAWINGS<br>CORRECTED BY     | DATE |

## REVISIONS

| NO. | DATE     | REVISIONS                          |
|-----|----------|------------------------------------|
| 2   | 09-05-24 | ASH-002 VE EFFORTS                 |
| 4   | 03-07-25 | ASH-004 RETAINING WALLS AND GARAGE |
| 8   | 09-12-25 | ASH-008 GRADING UPDATES            |
|     |          |                                    |
|     |          |                                    |
|     |          |                                    |

## DESIGN

| DESIGN      |    |
|-------------|----|
| DESIGNED BY | JL |
| CHECKED BY  | JL |
| DRAWN BY    | AR |



