



# TOWN OF JACKSON PLANNING & BUILDING DEPARTMENT

## TRANSMITTAL MEMO

### Town of Jackson

- ☒ Public Works/Engineering
- ☐ Building
- ☐ Title Company
- ☒ Town Attorney
- ☐ Police

### Joint Town/County

- ☐ Parks and Recreation
- ☐ Pathways
- ☐ Housing Department

### Teton County

- ☐ Planning Division

- ☐ Engineer
- ☐ Surveyor- *Nelson*
- ☐ Assessor
- ☐ Clerk and Recorder
- ☐ Road and Levee

### State of Wyoming

- ☐ Teton Conservation
- ☐ WYDOT
- ☐ TC School District #1
- ☐ Game and Fish
- ☐ DEQ

### Federal Agencies

- ☐ Army Corp of Engineers

### Utility Providers

- ☐ Qwest
- ☐ Lower Valley Energy
- ☐ Bresnan Communications

### Special Districts

- ☐ START
- ☐ Jackson Hole Fire/EMS
- ☐ Irrigation Company

|   |   |
|---|---|
| Date: August 3, 2021  | <b>REQUESTS:</b><br><br>The applicant is submitting a request for an Encroachment Agreement for the property located at 580 S Willow St., Legally known as LOTS 9,10, BLK 4, MEADOWLAND, PIDN: 22-41-16-34-2-36-011<br><br>For questions, please call Brian Lenz at 733-3097, x1410 or email to the address shown below. Thank you. |
| Item #: P21-210   |   |
| Planner: Tyler Valentine<br><br>Phone: 733-0440 ext. 1305<br><br>Email: tvalentine@jacksonwy.gov  |   |
| <b>Owner:</b><br>DW 580 LLC<br>PO 910<br>Jackson, WY 83001<br><br><b>Applicant:</b><br>Bulley & Andrews, LLC<br>1755 W Armitage Ave.<br>Chicago, IL 60622 |   |
| <b>Please respond by: August 24, 2021 (with Comments)</b>   |   |

**RESPONSE:** For Departments not using Trak-it, please send responses via email to:  
alangle@jacksonwy.gov



## ENCROACHMENT AGREEMENT APPLICATION

### Planning & Building Department Planning Division

150 E Pearl Ave. | ph: (307) 733-0440  
P.O. Box 1687 | fax: (307) 734-3563  
Jackson, WY 83001 | www.townofjackson.com

#### OWNER OF PROPERTY:

Name: DW580 LLC Phone: 307-200-4881  
Mailing Address: PO Box 910, Jackson WY ZIP: 83001  
E-mail: klaus@wrjdesign.com

#### APPLICANT/AGENT:

Name: Bulley & Andrews, LLC Phone: 312-502-8931  
Mailing Address: 1755 W Armitage Ave, Chicago IL ZIP: 60622  
E-mail: aheineman@bulley.com

#### DESIGNATED PRIMARY CONTACT:

Owner \_\_\_\_\_ Applicant/Agent X

#### PROPERTY:

Physical Address of Property: 580 South Willow Street, Jackson, WY 83001  
Lot, Subdivision: Meadowland Addition  
PIDN: Located within the SW1/4 NW1/4 Section 34 T41N, R116W 6th P.M. Teton County, Wyoming

Temporary shoring installed during excavation; all shoring caps and piles have been removed  
Description of Public Right-of Way: to a minimum depth of 5'-0" subgrade, with remaining length of micropiles to remain.

**SUBMITTAL REQUIREMENTS.** Three (3) hard copies and one (1) digital copy of the application package (this form, plus all applicable attachments) should be submitted to the Planning Department. Please ensure all submittal requirements are included. The Planning Department will not hold or process incomplete applications. Partial or incomplete applications will be returned to the applicant.

Have you attached the following?

N/A **Application Fee.** Fees are cumulative. Applications for multiple types of permits, or for multiple permits of the same type, require multiple fees. See the currently adopted Fee Schedule in the Administrative Manual for more information.

10/29/15

\_\_\_\_\_**Notarized Letter of Authorization.** A notarized letter of consent from the landowner is required if the applicant is not the owner, or if an agent is applying on behalf of the landowner. If the owner is a partnership or corporation, proof that the owner can sign on behalf of the partnership or corporation is also required. Please see the Letter of Authorization template in the Administrative Manual for a sample.

\_\_\_\_\_**Narrative Description of the Request.** Provide a detailed narrative description explaining the use of the noted public right-of-way.

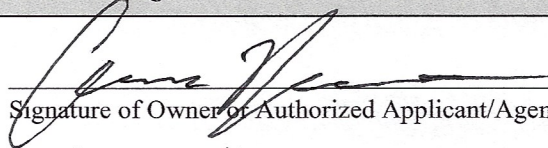
\_\_\_\_\_**Exhibit.** Provide an exhibit (picture, drawings, maps, plans) of the use of the noted public right-of-way including dimensions of requested encroachment.

**FORMAT:**

The main component of any application is demonstration of compliance with all applicable Land Development Regulations (LDRs) and Resolutions.

Note: Information provided by the applicant or other review agencies during the planning process may identify other requirements that were not evident at the time of application submittal. Staff may request additional materials during review as needed to determine compliance with the LDRs.

Under penalty of perjury, I hereby certify that I have read this application and state that, to the best of my knowledge, all information submitted in this request is true and correct. I agree to comply with all county and state laws relating to the subject matter of this application, and hereby authorize representatives of the Town of Jackson to enter upon the abovementioned property during normal business hours, after making a reasonable effort to contact the owner/applicant prior to entering.

  
\_\_\_\_\_  
Signature of Owner or Authorized Applicant/Agent  
  
Aaron Heineman  
\_\_\_\_\_  
Name Printed

7/26/21  
\_\_\_\_\_  
Date  
  
PX  
\_\_\_\_\_  
Title

# LETTER OF AUTHORIZATION

DW580, LLC

, "Owner" whose address is: P.O. Box 910,

580 South Willow Street, Jackson, WY 83001

(NAME OF ALL INDIVIDUALS OR ENTITY OWNING THE PROPERTY)

DW580, LLC

, as the owner of property

more specifically legally described as: Lots 9 and 10 Block 4, Meadowland, Teton County,  
Jackson, WY

(If too lengthy, attach description)

HEREBY AUTHORIZES Bulley and Andrews, LLC

as

agent to represent and act for Owner in making application for and receiving and accepting on Owners behalf, any permits or other action by the Town of Jackson, or the Town of Jackson Planning, Building, Engineering and/or Environmental Health Departments relating to the modification, development, planning or replatting, improvement, use or occupancy of land in the Town of Jackson. Owner agrees that Owner is or shall be deemed conclusively to be fully aware of and to have authorized and/or made any and all representations or promises contained in said application or any Owner information in support thereof, and shall be deemed to be aware of and to have authorized any subsequent revisions, corrections or modifications to such materials. Owner acknowledges and agrees that Owner shall be bound and shall abide by the written terms or conditions of issuance of any such named representative, whether actually delivered to Owner or not. Owner agrees that no modification, development, platting or replatting, improvement, occupancy or use of any structure or land involved in the application shall take place until approved by the appropriate official of the Town of Jackson, in accordance with applicable codes and regulations. Owner agrees to pay any fines and be liable for any other penalties arising out of the failure to comply with the terms of any permit or arising out of any violation of the applicable laws, codes or regulations applicable to the action sought to be permitted by the application authorized herein.

Under penalty of perjury, the undersigned swears that the foregoing is true and, if signing on behalf of a corporation, partnership, limited liability company or other entity, the undersigned swears that this authorization is given with the appropriate approval of such entity, if required.

OWNER:

Klaus Baer  
(SIGNATURE) (SIGNATURE OF CO-OWNER)

Title: Manager

(if signed by officer, partner or member of corporation, LLC (secretary or corporate owner) partnership or other non-individual Owner)

STATE OF Wyoming )  
COUNTY OF Teton ) SS.

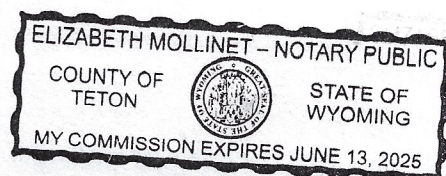
The foregoing instrument was acknowledged before me by Klaus Baer this 22 day of July, 2021.

WITNESS my hand and official seal.

(Seal)

Elizabeth Mollinet  
(Notary Public)

My commission expires: 6/13/25



# TEMPORARY SHORING PLANS

## DW580 TEMPORARY SHORING

JACKSON, WY  
FC EXCAVATION





*VICINITY MAP*  
(NOT TO SCALE)

### SHEET INDEX

| NO.  | DESCRIPTION                             |
|------|---|
| C-01 | COVER SHEET                             |
| C-02 | GENERAL NOTES                           |
| C-03 | SITE PLAN                               |
| C-04 | SECTION VIEW                            |
| C-05 | MICROPILE DETAILS                       |
| C-06 | MICROPILE CAP DETAILS                   |
| C-07 | MICROPILE SCHEDULE - PHASE I            |
| C-08 | MICROPILE SCHEDULE - PHASE II           |
| C-09 | MICROPILE SCHEDULE - PHASE II (SHEET 2) |

AB

| <i>SHEET REVISIONS</i>   |                                    |      | PROJECT NAME:<br><br><i>DW580 TEMPORARY SHORING</i> |                        |                       |                                   |                   |  |  |  |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|------------------------------------|------|---|------------------------|-----------------------|-----------------------------------|-------------------|---|--|---|--|-----|----------|-------------------------|-----|----------|------------------------------------|------|----------|--------------------|----|----------|-------------------------------|------|----------|---------------------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <table><thead><tr><th>DATE</th><th>DESCRIPTION</th><th>NO</th></tr></thead><tbody><tr><td>03/11/21</td><td>ISSUED FOR REVIEW</td><td>IFR</td></tr><tr><td>03/12/21</td><td>ISSUED FOR CONSTRUCTION</td><td>IFC</td></tr><tr><td>03/15/21</td><td>FIELD UPDATES TO SHORING LOCATIONS</td><td>REV1</td></tr><tr><td>03/24/21</td><td>AS-BUILT (PHASE I)</td><td>AB</td></tr><tr><td>04/08/21</td><td>ADDITIONAL SHORING QUANTITIES</td><td>REV2</td></tr><tr><td>07/13/21</td><td>AS-BUILT (PHASE II)</td><td>AB</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table> |                                    |      | DATE  | DESCRIPTION            | NO                    | 03/11/21                          | ISSUED FOR REVIEW |   |  |   |  | IFR | 03/12/21 | ISSUED FOR CONSTRUCTION | IFC | 03/15/21 | FIELD UPDATES TO SHORING LOCATIONS | REV1 | 03/24/21 | AS-BUILT (PHASE I) | AB | 04/08/21 | ADDITIONAL SHORING QUANTITIES | REV2 | 07/13/21 | AS-BUILT (PHASE II) | AB |  |  |  |  |  |  |  |  |  |  |  |  | SHEET TITLE:<br><br><i>COVER SHEET</i> |
| DATE   | DESCRIPTION                        | NO   |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/11/21   | ISSUED FOR REVIEW                  | IFR  |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/12/21   | ISSUED FOR CONSTRUCTION            | IFC  |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/15/21   | FIELD UPDATES TO SHORING LOCATIONS | REV1 |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/24/21   | AS-BUILT (PHASE I)                 | AB   |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/08/21   | ADDITIONAL SHORING QUANTITIES      | REV2 |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07/13/21   | AS-BUILT (PHASE II)                | AB   |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                                    |      |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                                    |      |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                                    |      |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                                    |      |   |                        |                       |                                   |                   |   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| THIS DRAWING IS FURNISHED SOLELY FOR THE USE OF OR IN CONNECTION WITH THIS PROJECT AND THE PROPRIETARY INFORMATION SHOWN HEREON IS NOT TO BE TRANSMITTED TO ANY OTHER ORGANIZATION WITHOUT SPECIFIC AUTHORIZATION BY GEOSTABILIZATION INTERNATIONAL (GSI). THE DESIGN IS ONLY VALID IF CONSTRUCTED AND SUPERVISED BY GSI OR ITS AUTHORIZED SUBCONTRACTOR.  |                                    |      | DRAWN BY:<br><br>NFD                                | CHECKED BY:<br><br>DEB | DATE:<br><br>07/13/21 | PROJECT NUMBER:<br><br>210066WY01 | SHEET<br><br>C-01 | Phone: 855.579.0536   Fax: 970.245.7737<br>www.geostabilization.com                   |  |   |  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |

- CONTRACTOR: GEOSTABILIZATION INTERNATIONAL "GSI"
- GSI PROJECT ENGINEER: DAMIEN BOSSE, PE
- ALL STEEL MATERIAL WILL BE NON-DOMESTIC ORIGIN, CERTIFICATIONS WILL BE PROVIDED UPON DELIVERY TO THE SITE.

- GSI WILL GENERATE A SITE SPECIFIC HEALTH AND SAFETY PLAN THAT MUST BE REVIEWED AND SIGNED BY ALL GSI EMPLOYEES, SUBCONTRACTORS, AND VISITORS TO THE SITE.
- ALL SAFETY PLANS FOR LIFTING, HEARING, DUST CONTROL, PPE ETC. ARE IN PLACE AND WILL BE FOLLOWED ACCORDINGLY. PPE WILL INCLUDE SAFETY VEST, STEEL TOED SHOES, HARD HAT, SAFETY GLASSES, AND GLOVES.
- GSI WILL LEAD A DAILY TAILGATE MEETING TO REVIEW JOB HAZARD ANALYSIS “JHA” FOR EACH OF THE DAYS ANTICIPATED TASKS.
- THE SITE WILL BE ORGANIZED AND CLEAR OF ANY TRASH OR DEBRIS. ALL TRASH WILL BE PLACED IN A PROPER CONTAINER AND SECURED OR REMOVED AT THE END OF EACH WORK DAY.

- 10-HOUR OCCUPATIONAL SAFETY AND HEALTH TRAINING COURSE IN CONSTRUCTION SAFETY & HEALTH
- AMERICAN RED CROSS STANDARD FIRST AID TRAINING
- AMERICAN RED CROSS BLOODBORNE PATHOGENS TRAINING: PDT

GS1 WILL PROVIDE AND INSTALL THE SPECIFIED MICROPILES AND MICROPILE CAP PER THESE DRAWINGS

1. EXCAVATE MICROPILE CAP TRENCH (BY OTHERS). GSI ENGINEERS OR THEIR DESIGNATED REPRESENTATIVE(S) CAN ADVISE ON EXCAVATION, AS NECESSARY.
2. INSTALLATION OF SELF-DRILLING MICROPILES.
  - 2.1. LAYOUT SHORING PATTERN.
  - 2.2. INSTALL MICROPILE ELEMENTS.
3. PREPARE CAP FOR CONCRETE.
  - 3.1. PLACE PLATES AND NUTS ON ANCHORS.
  - 3.2. PLACE STEEL REINFORCING WALERS.
4. PLACE CONCRETE AND TROWEL FLAT.
5. CLEAN AND FULLY DEMOBILIZE FROM SITE.

- MICROPILES WILL BE INSTALLED WITH A SUPERNAILER® MAST MOUNTED ON AN EXCAVATOR. A ROTARY PERCUSSION TOP HAMMER WILL BE UTILIZED IF NECESSARY.
- GROUT WILL BE MIXED AND PUMPED FROM A DOUBLE HOPPER GROUT PLANT UTILIZING A PROGRESSIVE CAVITY PUMP.

- PRIOR TO GSI MOBILIZATION ANY POTENTIAL CONFLICTS: UTILITIES, RIGHT-OF-WAY LIMITS, ETC SHALL BE MARKED (BY OTHERS). POTHOLING MAY BE REQUIRED TO DETERMINE ACTUAL LOCATION(S) AND DEPTH(S) OF UTILITY(IES) AND WILL BE PROVIDED BY OTHERS AS NEEDED TO ENSURE THE SAFETY OF WORKERS AND PROTECTION OF UTILITIES.
- GSI ENGINEERING STAFF OR THEIR DESIGNATED REPRESENTATIVE(S) WILL ADVISE ON LAYOUT OF THE SHORING ALIGNMENT.
- GSI WILL MARK THE LOCATIONS OF THE STABILIZATION ELEMENTS WITH SURVEY MARKING PAINT.
  - ADJUSTMENTS, AS DIRECTED BY GSI ENGINEERING STAFF, MAY BE REQUIRED TO MEET ON-SITE CONDITIONS.

THE MICROPILE ELEMENTS CONSIST OF FULLY GROUTED, PASSIVE, SELF-DRILLING SUPERNAILS®, INSTALLED IN 5 OR 10 FOOT LENGTHS. ADDITIONAL LENGTHS WILL BE COUPLED TO THE DRILL STRING AS THE ANCHOR IS ADVANCED UNTIL DESIGN DEPTH IS ACHIEVED.

- PHYSICAL PROPERTIES:
  - MINIMUM BAR YIELD WILL BE 91 KIPS.
  - BAR DIAMETER (OD/ID): 40MM/ 21MM
  - THREAD TYPE: WILLIAMSFORM CORP. T-THREAD (MEETS ASTM A519 OR A513)
  - BIT DIAMETER WILL BE AS SHOWN.
- DESIGN UNIT ALLOWABLE PULLOUT STRESS IS MATERIAL DEPENDENT. NAIL LENGTHS MAY BE ADJUSTED BY GSI ENGINEERING STAFF DEPENDING ON SOIL/ROCK CONDITIONS ENCOUNTERED.
- THE SUPERNAILS® WILL BE INSTALL BY INJECTING NEAT CEMENT GROUT THROUGH THE CENTER OF THE BAR DURING DRILLING; GROUT RETURN ALONG THE ANNULUS BETWEEN SOIL AND BAR WILL FLUSH CUTTINGS, PROVIDE ENCAPSULATION OF THE BAR, AND CENTRALIZE THE ANCHOR.

- DESIGN 28 DAY COMPRESSIVE STRENGTH: 3,000 PSI
- TARGET RANGE WATER TO CEMENT RATIO: 0.5 TO 0.6
- SPECIFIC GRAVITY RANGE (MEASURED BY MUD BALANCE): 1.84 TO 1.75

| TYPICAL GROUT MIX DESIGN (PER 5 - 94 LB. BAG MIX) |               |                           |                     |
|---|---------------|---------------------------|---------------------|
| MATERIAL  | WEIGHT (LBS.) | VOLUME (FT <sup>3</sup> ) | FIELD UNIT VOLUME   |
| WATER   | 235-282       | 3.8-4.5                   | 28.4 - 33.7 GALLONS |
| CEMENT (TYPE I/II)                                | 470           | 2.37                      | 5 BAGS (94 LBS.)    |
| TOTAL UNIT  | 705 - 752     | 6.17-6.87                 | --                  |

| TYPICAL GROUT MIX DESIGN(PER 94 LB. BAG) |               |                           |                   |
|--|---------------|---------------------------|-------------------|
| MATERIAL                                 | WEIGHT (LBS.) | VOLUME (FT <sup>3</sup> ) | FIELD UNIT VOLUME |
| WATER                                    | 47 - 56.4     | 0.75 - 0.9                | 5.6 - 6.8 GALLONS |
| CEMENT (TYPE I/II)                       | 94            | 0.47                      | 1 BAG             |
| TOTAL UNIT                               | 141 - 150.4   | 1.22 - 1.37               | --                |



- ANCHOR HEAD ELEMENTS CONSIST OF 6" X 6" X 1/2", GRADE A36, STEEL PLATES ATTACHED WITH HEX NUT.
- SUPERNAIL® BAR EXTENDING BEYOND THE HEX NUTS WILL BE TRIMMED USING A GAS POWERED DEMOLITION SAW OR ELECTRICAL BAND SAW.

THE WET-MIX PROCESS CONSISTS OF THOROUGHLY MIXING ALL THE INGREDIENTS, INTRODUCING THE MIXTURE INTO THE DELIVERY EQUIPMENT AND DELIVERING IT, BY POSITIVE DISPLACEMENT, TO THE CAP.

|                                     |               |
|-------------------------------------|---------------|
| DESIGN 28 DAY COMPRESSIVE STRENGTH: | 3000 PSI      |
| TARGET RANGE WATER TO CEMENT RATIO: | 0.4 TO 0.5    |
| SLUMP:                              | 3 TO 4 INCHES |

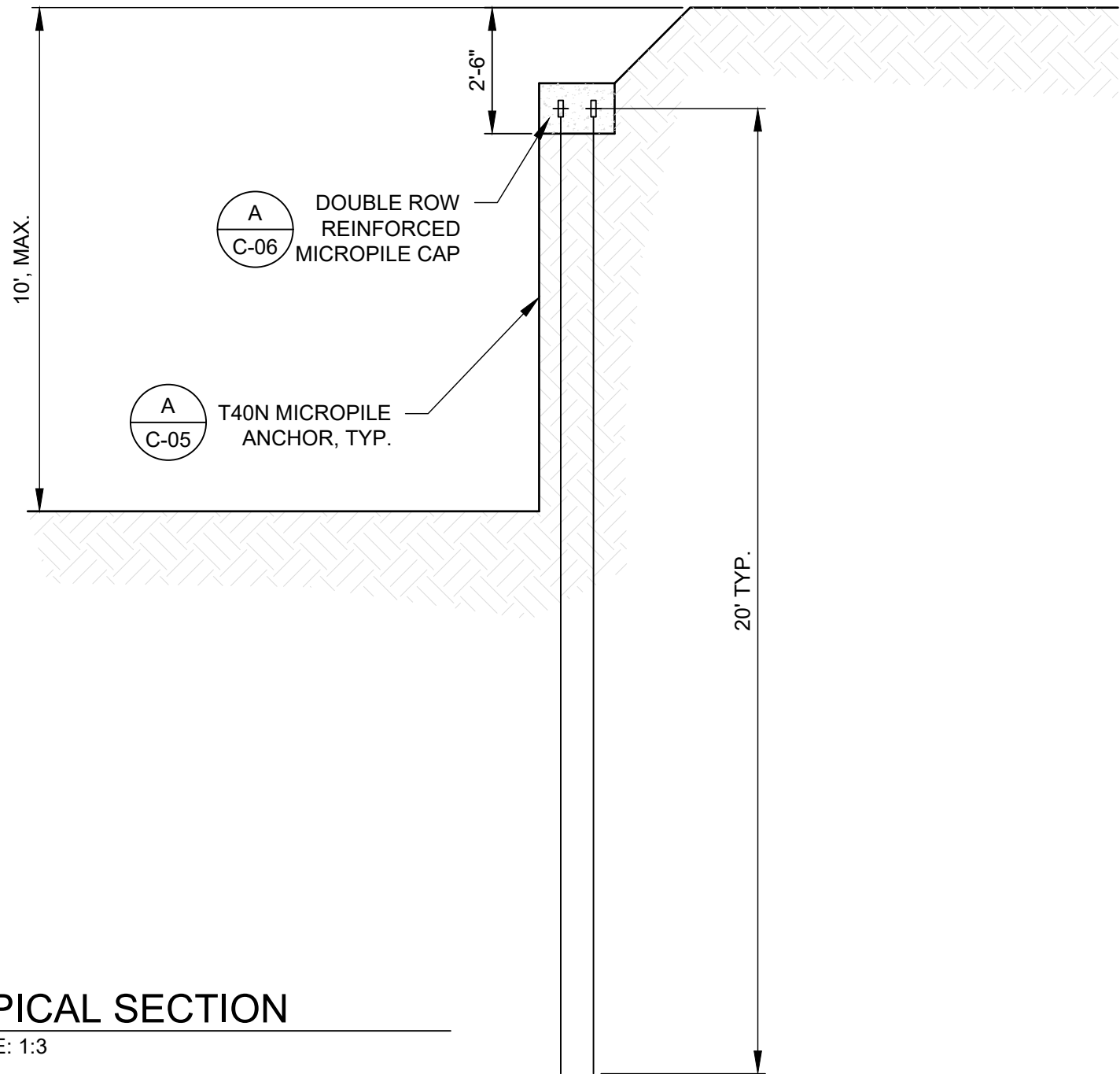
| TYPICAL CONCRETE MIX DESIGN (PER YD <sup>3</sup> ) |               |               |                           |
|--|---------------|---------------|---------------------------|
| MATERIAL   |               | WEIGHT (LBS.) | VOLUME (FT <sup>3</sup> ) |
| AGGREGATE NO. 1                                    | ¾" PEA        | 650           | 3.8                       |
| AGGREGATE NO. 2                                    | CONCRETE SAND | 1800          | 10.9                      |
| AIR  | 6% TOTAL      | --            | 1.6                       |
| WATER  | --            | 360           | 5.8                       |
| FLY ASH  | TYPE F        | 150           | 1.1                       |
| CEMENT   | TYPE I/II     | 750           | 3.8                       |
| TOTAL  | --            | 3710          | 27.0                      |

\* MIX DESIGN MAY BE ADJUSTED BASED ON LOCAL SUPPLIERS, SITE AND WEATHER CONDITIONS.

| <div>SHEET REVISIONS</div> <table><tr><th>DATE</th><th>DESCRIPTION</th><th>NO</th></tr><tr><td>03/11/21</td><td>ISSUED FOR REVIEW</td><td>IFR</td></tr><tr><td>03/12/21</td><td>ISSUED FOR CONSTRUCTION</td><td>IFC</td></tr><tr><td>03/15/21</td><td>FIELD UPDATES TO SHORING LOCATIONS</td><td>REV1</td></tr><tr><td>03/24/21</td><td>AS-BUILT (PHASE I)</td><td>AB</td></tr><tr><td>04/08/21</td><td>ADDITIONAL SHORING QUANTITIES</td><td>REV2</td></tr><tr><td>07/13/21</td><td>AS-BUILT (PHASE II)</td><td>AB</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table> |                                    |      | DATE   | DESCRIPTION                           | NO                                   | 03/11/21   | ISSUED FOR REVIEW                | IFR | 03/12/21 | ISSUED FOR CONSTRUCTION | IFC | 03/15/21 | FIELD UPDATES TO SHORING LOCATIONS | REV1 | 03/24/21 | AS-BUILT (PHASE I) | AB | 04/08/21 | ADDITIONAL SHORING QUANTITIES | REV2 | 07/13/21 | AS-BUILT (PHASE II) | AB |  |  |  |  |  |  |  |  |  |  |  |  | <div>PROJECT NAME:</div> <div>DW580 TEMPORARY SHORING</div> |  |  |  |  |
|---|------------------------------------|------|--|---------------------------------------|--------------------------------------|--|----------------------------------|-----|----------|-------------------------|-----|----------|------------------------------------|------|----------|--------------------|----|----------|-------------------------------|------|----------|---------------------|----|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|
| DATE  | DESCRIPTION                        | NO   |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
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| 03/12/21  | ISSUED FOR CONSTRUCTION            | IFC  |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
| 03/15/21  | FIELD UPDATES TO SHORING LOCATIONS | REV1 |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
| 03/24/21  | AS-BUILT (PHASE I)                 | AB   |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
| 04/08/21  | ADDITIONAL SHORING QUANTITIES      | REV2 |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
| 07/13/21  | AS-BUILT (PHASE II)                | AB   |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
|   |                                    |      |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
|   |                                    |      |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
|   |                                    |      |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
|   |                                    |      |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
|   |                                    |      | <div>SHEET TITLE:</div> <div>GENERAL NOTES</div> |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
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| <div>Phone: 855.579.0536   Fax: 970.245.7737</div> <div>www.geostabilization.com</div>  |                                    |      |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |
| <div><div></div><div><div>Professional Engineer</div><div>DAMIEN BOSSE</div><div>16901</div><div></div><div>Date</div><div>WYOMING</div></div></div>  |                                    |      |  |                                       |                                      |  |                                  |     |          |                         |     |          |                                    |      |          |                    |    |          |                               |      |          |                     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |

 $AB$





**A** TYPICAL SECTION  
SCALE: 1:3

AB

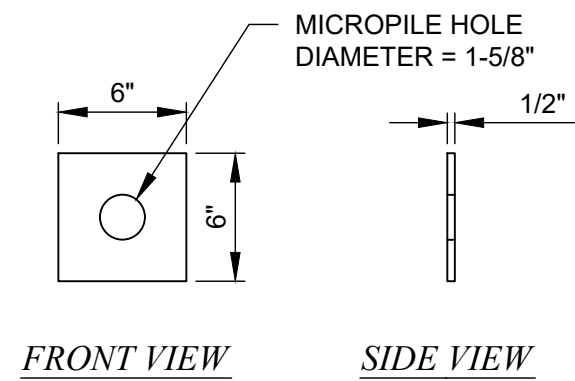
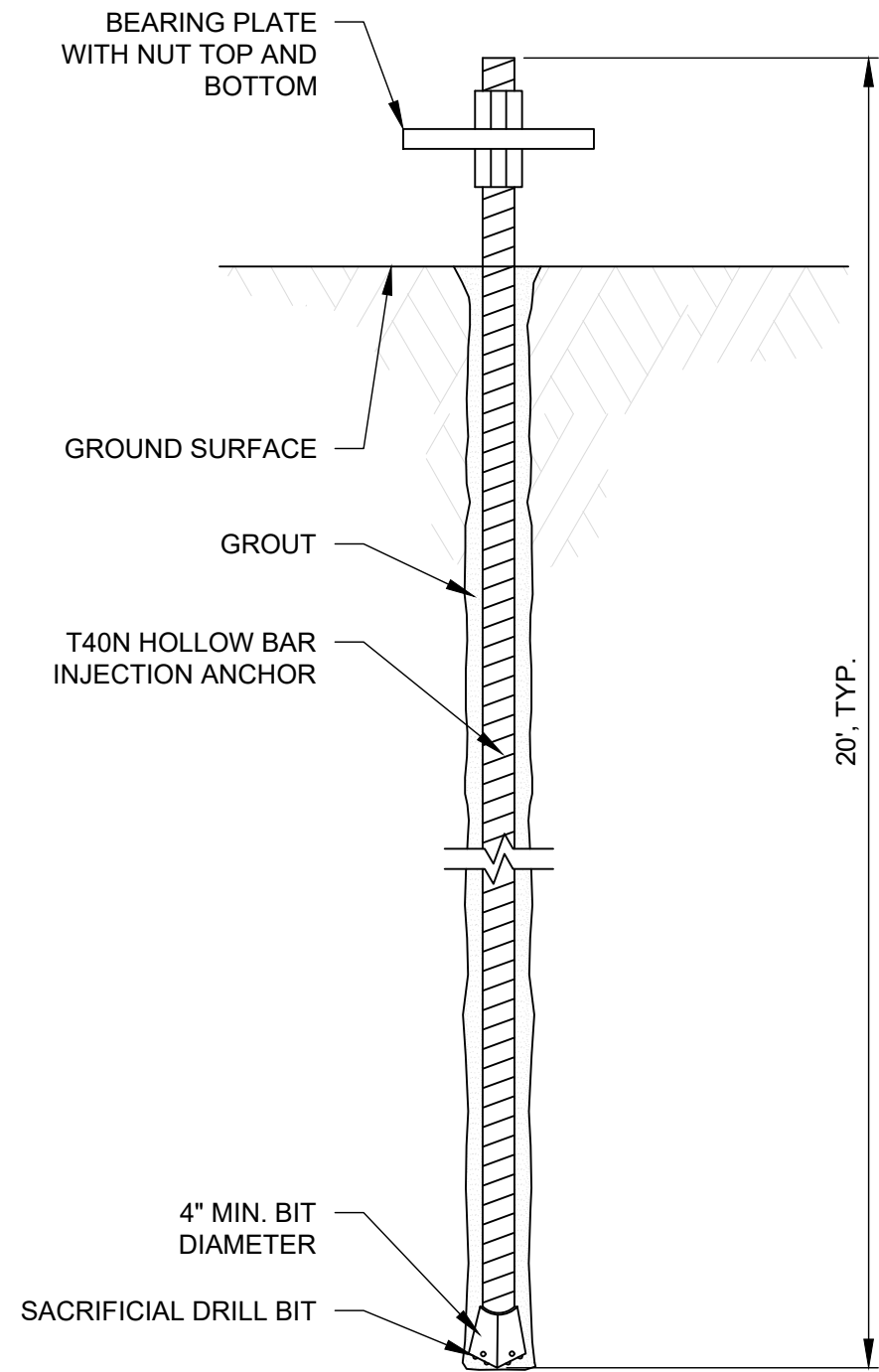
| SHEET REVISIONS   |                                    |      |
|---|------------------------------------|------|
| DATE  | DESCRIPTION                        | NO   |
| 03/11/21  | ISSUED FOR REVIEW                  | IFR  |
| 03/12/21  | ISSUED FOR CONSTRUCTION            | IFC  |
| 03/15/21  | FIELD UPDATES TO SHORING LOCATIONS | REV1 |
| 03/24/21  | AS-BUILT (PHASE I)                 | AB   |
| 04/08/21  | ADDITIONAL SHORING QUANTITIES      | REV2 |
| 07/13/21  | AS-BUILT (PHASE II)                | AB   |
|   |                                    |      |
|   |                                    |      |
|   |                                    |      |
|   |                                    |      |
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|   |                        |                       |                                   |                   |
|---|------------------------|-----------------------|-----------------------------------|-------------------|
| PROJECT NAME:<br><br><i>DW580 TEMPORARY SHORING</i> |                        |                       |                                   |                   |
| SHEET TITLE:<br><br><i>SECTION VIEW</i>             |                        |                       |                                   |                   |
| DRAWN BY:<br><br>NFD                                | CHECKED BY:<br><br>DEB | DATE:<br><br>07/13/21 | PROJECT NUMBER:<br><br>210066WY01 | SHEET<br><br>C-04 |

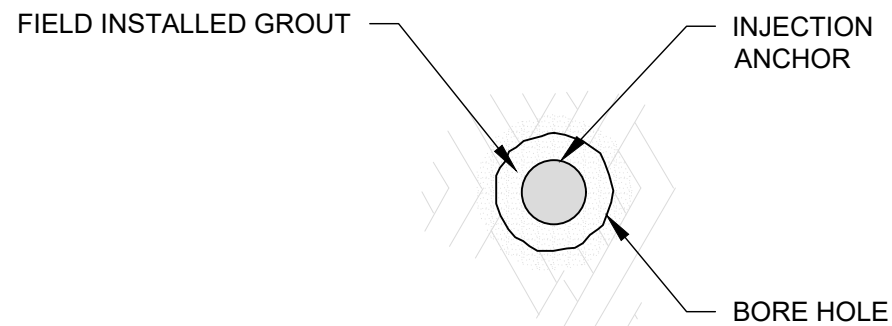


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BEARING PLATE



MICROPILE SECTION

A MICROPILE DETAIL  
N.T.S.

AB

| SHEET REVISIONS   |                                    |      |
|---|------------------------------------|------|
| DATE  | DESCRIPTION                        | NO   |
| 03/11/21  | ISSUED FOR REVIEW                  | IFR  |
| 03/12/21  | ISSUED FOR CONSTRUCTION            | IFC  |
| 03/15/21  | FIELD UPDATES TO SHORING LOCATIONS | REV1 |
| 03/24/21  | AS-BUILT (PHASE I)                 | AB   |
| 04/08/21  | ADDITIONAL SHORING QUANTITIES      | REV2 |
| 07/13/21  | AS-BUILT (PHASE II)                | AB   |
|   |                                    |      |
|   |                                    |      |
|   |                                    |      |
|   |                                    |      |
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|  |                        |                       |                                   |                   |
|--|------------------------|-----------------------|-----------------------------------|-------------------|
| PROJECT NAME:<br><br>DW580 TEMPORARY SHORING |                        |                       |                                   |                   |
| SHEET TITLE:<br><br>MICROPILE DETAILS        |                        |                       |                                   |                   |
| DRAWN BY:<br><br>NFD                         | CHECKED BY:<br><br>DEB | DATE:<br><br>07/13/21 | PROJECT NUMBER:<br><br>210066WY01 | SHEET<br><br>C-05 |



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**A** MICROPILE CAP DETAIL  
N.T.S.

 $AB$ 

|  |                                    |      |  |  |  |  |  |
|--|------------------------------------|------|--|--|--|--|--|
| SHEET REVISIONS  |                                    |      | PROJECT NAME:<br><br>DW580 TEMPORARY SHORING   |  |  |  |  |
| DATE   | DESCRIPTION                        | NO   |  |  |  |  |  |
| 03/11/21   | ISSUED FOR REVIEW                  | IFR  | SHEET TITLE:<br><br>MICROPILE CAP DETAILS  |  |  |  |  |
| 03/12/21   | ISSUED FOR CONSTRUCTION            | IFC  |  |  |  |  |  |
| 03/15/21   | FIELD UPDATES TO SHORING LOCATIONS | REV1 | DRAWN BY: NFD<br>CHECKED BY: DEB<br>DATE: 07/13/21<br>PROJECT NUMBER: 210066WY01<br>SHEET C-06 |  |  |  |  |
| 03/24/21   | AS-BUILT (PHASE I)                 | AB   |  |  |  |  |  |
| 04/08/21   | ADDITIONAL SHORING QUANTITIES      | REV2 |  |  |  |  |  |
| 07/13/21   | AS-BUILT (PHASE II)                | AB   |  |  |  |  |  |
|  |                                    |      |  |  |  |  |  |
|  |                                    |      |  |  |  |  |  |
|  |                                    |      |  |  |  |  |  |
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GeoStabilization International®

Professional Engineer

DAMIAN BOSSE

16901

*[Signature]*

Date

WYOMING

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| NAIL ID | DATE     |          | EMBEDMENT LENGTH (ft) |      |
|---------|----------|----------|-----------------------|------|
|         | DRILLED  | GROUTED  | SOIL                  | ROCK |
| 139     | 04/16/21 | 04/16/21 | 18                    | -    |
| 140     | 04/16/21 | 04/16/21 | 18                    | -    |
| 141     | 04/16/21 | 04/16/21 | 18                    | -    |
| 142     | 04/16/21 | 04/16/21 | 18                    | -    |
| 143     | 04/16/21 | 04/16/21 | 18                    | -    |
| 144     | 04/16/21 | 04/16/21 | 18                    | -    |
| 145     | 04/16/21 | 04/16/21 | 18                    | -    |
| 146     | 04/16/21 | 04/16/21 | 18                    | -    |
| 147     | 04/16/21 | 04/16/21 | 18                    | -    |
| 148     | 04/16/21 | 04/16/21 | 18                    | -    |
| 149     | 04/16/21 | 04/16/21 | 18                    | -    |
| 150     | 04/16/21 | 04/16/21 | 18                    | -    |
| 151     | 04/16/21 | 04/16/21 | 18                    | -    |
| 152     | 04/16/21 | 04/16/21 | 18                    | -    |
| 153     | 04/16/21 | 04/16/21 | 18                    | -    |
| 154     | 04/16/21 | 04/16/21 | 18                    | -    |
| 155     | 04/16/21 | 04/16/21 | 18                    | -    |
| 156     | 04/16/21 | 04/16/21 | 18                    | -    |
| 157     | 04/16/21 | 04/16/21 | 18                    | -    |
| 158     | 04/16/21 | 04/16/21 | 18                    | -    |
| 159     | 04/16/21 | 04/16/21 | 18                    | -    |
| 160     | 04/16/21 | 04/16/21 | 18                    | -    |
| 161     | 04/16/21 | 04/16/21 | 18                    | -    |
| 162     | 04/16/21 | 04/16/21 | 18                    | -    |
| 163     | 04/16/21 | 04/16/21 | 18                    | -    |
| 164     | 04/16/21 | 04/16/21 | 18                    | -    |
| 165     | 04/16/21 | 04/16/21 | 18                    | -    |
| 166     | 04/17/21 | 04/17/21 | 18                    | -    |
| 167     | 04/17/21 | 04/17/21 | 18                    | -    |
| 168     | 04/17/21 | 04/17/21 | 18                    | -    |
| 169     | 04/17/21 | 04/17/21 | 18                    | -    |
| 170     | 04/17/21 | 04/17/21 | 18                    | -    |
| 171     | 04/17/21 | 04/17/21 | 18                    | -    |
| 172     | 04/17/21 | 04/17/21 | 18                    | -    |
| 173     | 04/17/21 | 04/17/21 | 18                    | -    |
| 174     | 04/17/21 | 04/17/21 | 18                    | -    |
| 175     | 04/17/21 | 04/17/21 | 18                    | -    |
| 176     | 04/17/21 | 04/17/21 | 18                    | -    |
| 177     | 04/17/21 | 04/17/21 | 18                    | -    |
| 178     | 04/17/21 | 04/17/21 | 18                    | -    |
| 179     | 04/17/21 | 04/17/21 | 18                    | -    |
| 180     | 04/17/21 | 04/17/21 | 18                    | -    |
| 181     | 04/17/21 | 04/17/21 | 18                    | -    |
| 182     | 04/17/21 | 04/17/21 | 18                    | -    |
| 183     | 04/17/21 | 04/17/21 | 18                    | -    |
| 184     | 04/17/21 | 04/17/21 | 18                    | -    |
| 185     | 04/17/21 | 04/17/21 | 18                    | -    |

| NAIL ID | DATE     |          | EMBEDMENT LENGTH (ft) |      |
|---------|----------|----------|-----------------------|------|
|         | DRILLED  | GROUTED  | SOIL                  | ROCK |
| 186     | 04/17/21 | 04/17/21 | 18                    | -    |
| 187     | 04/17/21 | 04/17/21 | 18                    | -    |
| 188     | 04/17/21 | 04/17/21 | 18                    | -    |
| 189     | 04/17/21 | 04/17/21 | 18                    | -    |
| 190     | 04/17/21 | 04/17/21 | 18                    | -    |

| SHEET REVISIONS  |                                    |      |
|--|------------------------------------|------|
| DATE   | DESCRIPTION                        | NO   |
| 03/11/21   | ISSUED FOR REVIEW                  | IFR  |
| 03/12/21   | ISSUED FOR CONSTRUCTION            | IFC  |
| 03/15/21   | FIELD UPDATES TO SHORING LOCATIONS | REV1 |
| 03/24/21   | AS-BUILT (PHASE I)                 | AB   |
| 04/08/21   | ADDITIONAL SHORING QUANTITIES      | REV2 |
| 07/13/21   | AS-BUILT (PHASE II)                | AB   |
|  |                                    |      |
|  |                                    |      |
|  |                                    |      |
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|  |                               |                              |  |                          |
|--|-------------------------------|------------------------------|--|--------------------------|
| PROJECT NAME:<br><div>DW580 TEMPORARY SHORING</div>                |                               |                              |  |                          |
| SHEET TITLE:<br><div>MICROPILE SCHEDULE - PHASE II (SHEET 2)</div> |                               |                              |  |                          |
| DRAWN BY:<br><div>NFD</div>  | CHECKED BY:<br><div>DEB</div> | DATE:<br><div>07/13/21</div> | PROJECT NUMBER:<br><div>210066WY01</div> | SHEET<br><div>C-09</div> |



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AB



DW580  
580 SOUTH WILLOW  
JACKSON, WY 83001

## CONSTRUCTION SHORING OVERVIEW

|                 |            |
|-----------------|------------|
| DRAFTED BY:     | BS         |
| REVIEWED BY:    | TK         |
| PLAN VERSION    | DATE       |
| BUILDING PERMIT | 06.29.2018 |
| PERMIT REV 10   | 06.03.2021 |
| PERMIT REV 11   | 06.30.2021 |

PROJECT NUMBER  
18024.10  
SHEET  
C2.3

All temp shoring has been removed to minimum 5' below grade