



MONTANA FISH, WILDLIFE & PARKS

ADDENDUM NO. 1

TO: ALL BIDDERS OF RECORD

PROJECT: Fort Owen State Park – East Barracks Preservation – Phase II

FWP PROJECT #: 7216207

DATE: March 29, 2023

FROM: Gilmore Franzen Consulting, LLC

Acknowledge receipt of this addendum by inserting its number and date in the Proposal Form and on the Bid Envelope. Failure to do so may subject bidder to disqualification.

This Addendum forms a part of the Contract Documents. Clarification and/or modifications are as follows:

1. **Drawing Sheets:**
 - a. Replace Sheet 5 with the attached revised Sheet 5R, dated 3/30/2023.
 - b. Replace Sheet 7 with the attached revised Sheet 7R, dated 3/30/2023.

2. **Technical Specifications:** Replace the following items in Technical Specification Section 029000 – Unit Prices:
 - 2.1 A. Replace in its entirety with: “Topsoil for landscape work is not available at site and shall be furnished as specified.”
 - a. Provide new topsoil that is fertile, friable, natural loam, surface soil, reasonably free of subsoil, clay lumps, brush, weeds, and other litter, and free of roots, stumps, stones larger than 2 inches (51 mm) in any dimension, and other extraneous or toxic matter harmful to plant growth.
 - b. Obtain topsoil from local sources or from areas having similar soil characteristics to that found at the Project site. Obtain topsoil only from naturally, well-drained sites where topsoil occurs in a depth of not less than 4 inches (102 mm). Do not obtain from bogs or marshes.”

Concrete masonry units wrapping around corner from south elevation, installed c.1948, are to remain above the apron line.

Concrete masonry units wrapping around corner from south elevation, installed c.1948, are to remain above the apron line.

Concrete foundation and footing at south and north walls, per drawings dated 4/16/1993.

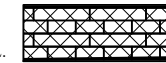
18"-24" deep rubble stone foundation, have been partially replaced with poured concrete.

- GENERAL CONSTRUCTION NOTES:
1. SEE OTHER SHEETS IN THIS SET FOR ADDITIONAL INFORMATION.
 2. SEE SHEET 3 FOR TERMINOLOGY AND BUILDING CROSS-SECTION.
 3. THE GOAL OF THIS PROJECT IS TO PRESERVE AND STABILIZE THE EAST FACADE. ROUGH EDGES AND UNLEVEL COURSING WILL REMAIN.
 4. SEE SPECIFICATIONS SECTION 045000 FOR SEQUENCING OF WORK.
 5. THE ADOBE ARE APPROXIMATELY 18" X 8" X 3 1/2" TO 4" TALL. THE MORTAR JOINTS RANGE FROM 1" TO 1 1/2" WIDE.
 6. REPLICA ADOBE HAVE BEEN FABRICATED AND SHALL BE FURNISHED TO THE CONTRACTOR FOR INSTALLATION. THERE IS NO ADOBE FABRICATION IN THIS PROJECT.

- ITEMIZED SELECTIVE DEMOLITION NOTES:
- D1. REMOVE CONCRETE APRON IN 4'-LONG SECTIONS, TO THICKNESS OF 5", DOWN TO GRADE. USE WOOD CRIBBING TO SUPPORT ADOBE WALL ABOVE. REVEAL THE ORIGINAL ADOBE, TAKING CARE TO RETAIN AS MUCH ADOBE AS POSSIBLE. UPON EXPOSURE, REMOVE ANY LOOSE AND CRUMBLING CONCRETE AND ADOBE. SEE SPECIFICATIONS FOR REMOVAL METHOD.

REMOVAL LEGEND:

REMOVE 5" THICKNESS OF CONCRETE APRON, DOWN TO GRADE LEVEL.



1 EAST ELEVATION - SELECTIVE DEMOLITION

Scale: 1/8" = 1'-0"

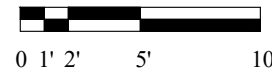
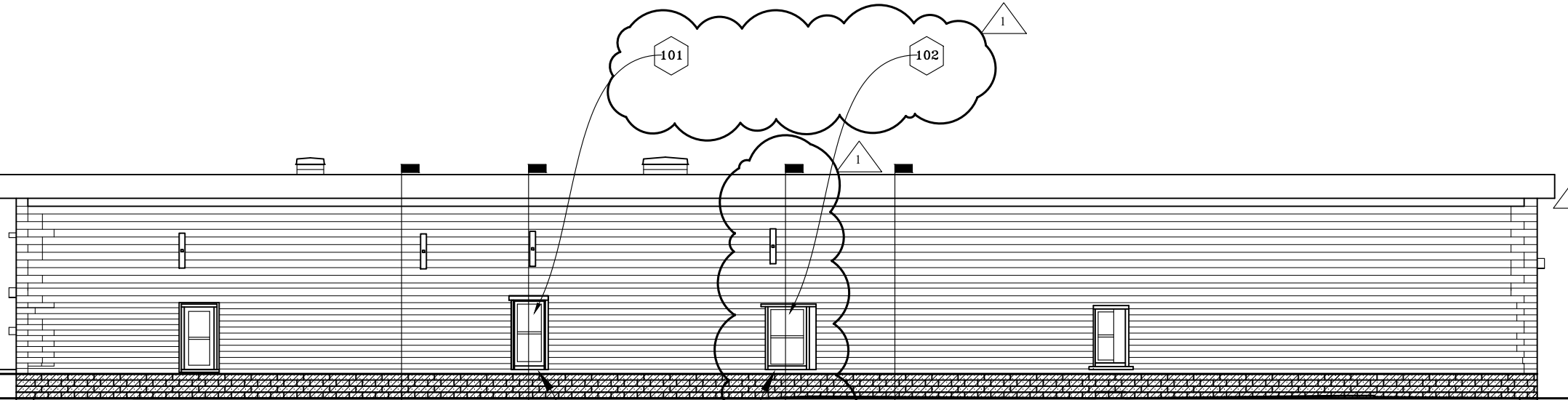


Photo of Representative Wall Area
Window into Room #102, at East Wall



Photo of Representative Test Pit at East Wall
Showing stone foundation and concrete plinth above

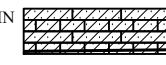


ITEMIZED REPAIR NOTES:

- R1. INSTALL REPLICA ADOBE FACES, IN ORIGINAL COURSING AND BONDING PATTERNS, PER DETAILS ON SHEET 6.
- R2. REMOVE EXISTING WOOD SILL EXTENSION AND PROVIDE WOOD SILL EXTENSION PER DETAIL ON SHEET 7.
- R3. PROVIDE SLOPED FOUNDATION DRAIN PER DETAIL 2 SHEET 6.
- R4. DASHED LINE IS STONE FOOTING.
- R5. CAP END OF DRAIN PIPE.
- R6. DRAIN PIPE HEADS NORTHEAST AT THIS POINT. SEE PLAN 1 SHEET 2, PLAN 1 SHEET 4, AND DETAIL 3 SHEET 7.

REPAIR LEGEND:

INSTALL ADOBE FACES IN ORIGINAL BONDING PATTERN, FOR EXTENT SHOWN.



2 EAST ELEVATION - REPAIRS

Scale: 1/8" = 1'-0"

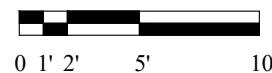


Photo of Representative Wall Area
Exterior of Window into Room #100, at East Wall



Photo of Representative Wall Area
South End of East Wall

NOTE: THE DRAWING SCALES ARE ONLY APPLICABLE WHEN THE SHEET IS PRINTED ON 11" X 17" PAPER.

1 REVISION #ONE. 29 MARCH 2023

LMGilmore 2/14/2023
DRAWN BY: DATE:
CHECKED BY: DATE:

APPROVED BY: DATE:
APPROVED BY: DATE:



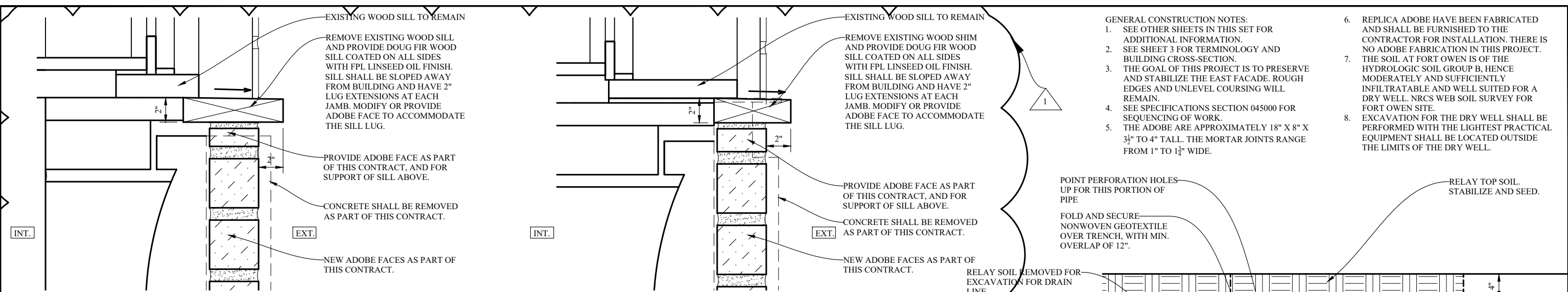
**MONTANA FISH,
WILDLIFE & PARKS**

Fort Owen East Barracks Preservation - Phase II
East Elevations Project #7216207

2/14/2023

Preservation Architect:
Gilmore Franzen Consulting LLC
180 North Low Bench Road
Gallatin Gateway, MT 59730

SHEET: 5R of 7



- GENERAL CONSTRUCTION NOTES:
1. SEE OTHER SHEETS IN THIS SET FOR ADDITIONAL INFORMATION.
 2. SEE SHEET 3 FOR TERMINOLOGY AND BUILDING CROSS-SECTION.
 3. THE GOAL OF THIS PROJECT IS TO PRESERVE AND STABILIZE THE EAST FACADE. ROUGH EDGES AND UNLEVEL COURSING WILL REMAIN.
 4. SEE SPECIFICATIONS SECTION 045000 FOR SEQUENCING OF WORK.
 5. THE ADOBE ARE APPROXIMATELY 18" X 8" X 3½" TO 4" TALL. THE MORTAR JOINTS RANGE FROM 1" TO 1¼" WIDE.
 6. REPLICA ADOBE HAVE BEEN FABRICATED AND SHALL BE FURNISHED TO THE CONTRACTOR FOR INSTALLATION. THERE IS NO ADOBE FABRICATION IN THIS PROJECT.
 7. THE SOIL AT FORT OWEN IS OF THE HYDROLOGIC SOIL GROUP B. HENCE MODERATELY AND SUFFICIENTLY INFILTRABLE AND WELL SUITED FOR A DRY WELL. NRCS WEB SOIL SURVEY FOR FORT OWEN SITE.
 8. EXCAVATION FOR THE DRY WELL SHALL BE PERFORMED WITH THE LIGHTEST PRACTICAL EQUIPMENT SHALL BE LOCATED OUTSIDE THE LIMITS OF THE DRY WELL.

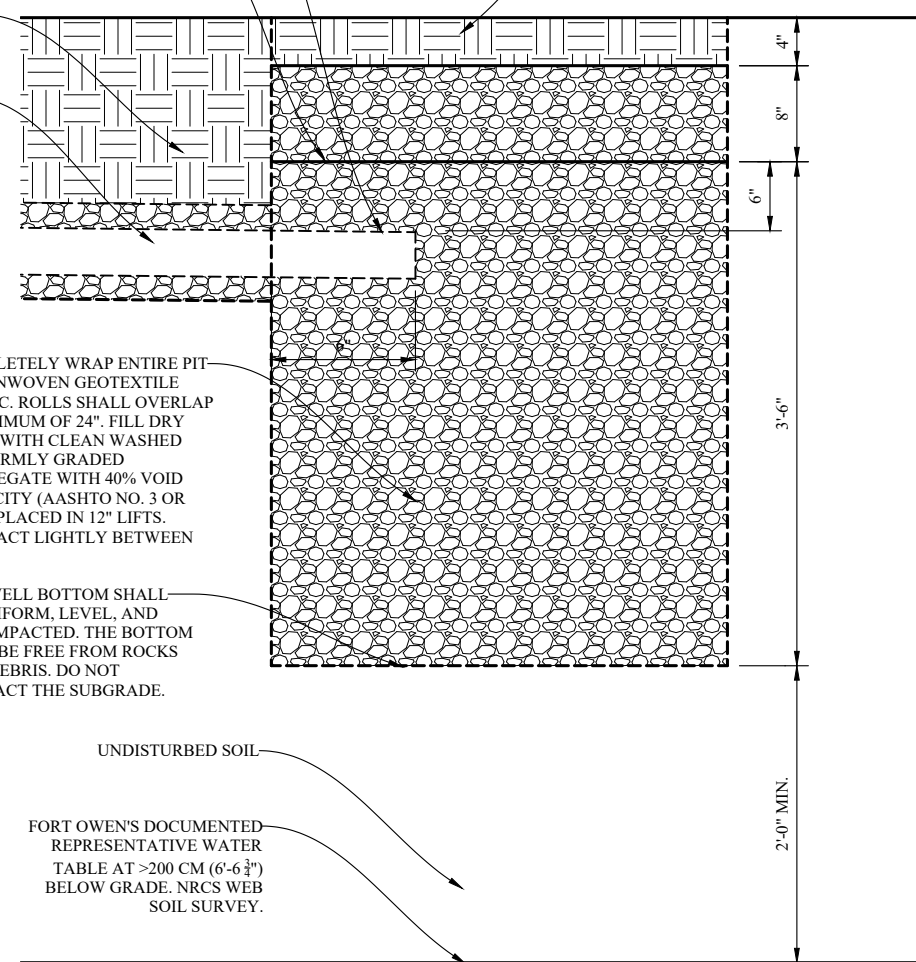
1 SUBSILL - WINDOW 101

Scale: 1-1/2" = 1'-0" 0" 1" 6" 12"

4 SUBSILL - WINDOW 101

Scale: 1-1/2" = 1'-0"

POINT PERFORATION HOLES UP FOR THIS PORTION OF PIPE
 FOLD AND SECURE NONWOVEN GEOTEXTILE OVER TRENCH, WITH MIN. OVERLAP OF 12".
 RELAY TOP SOIL. STABILIZE AND SEED.

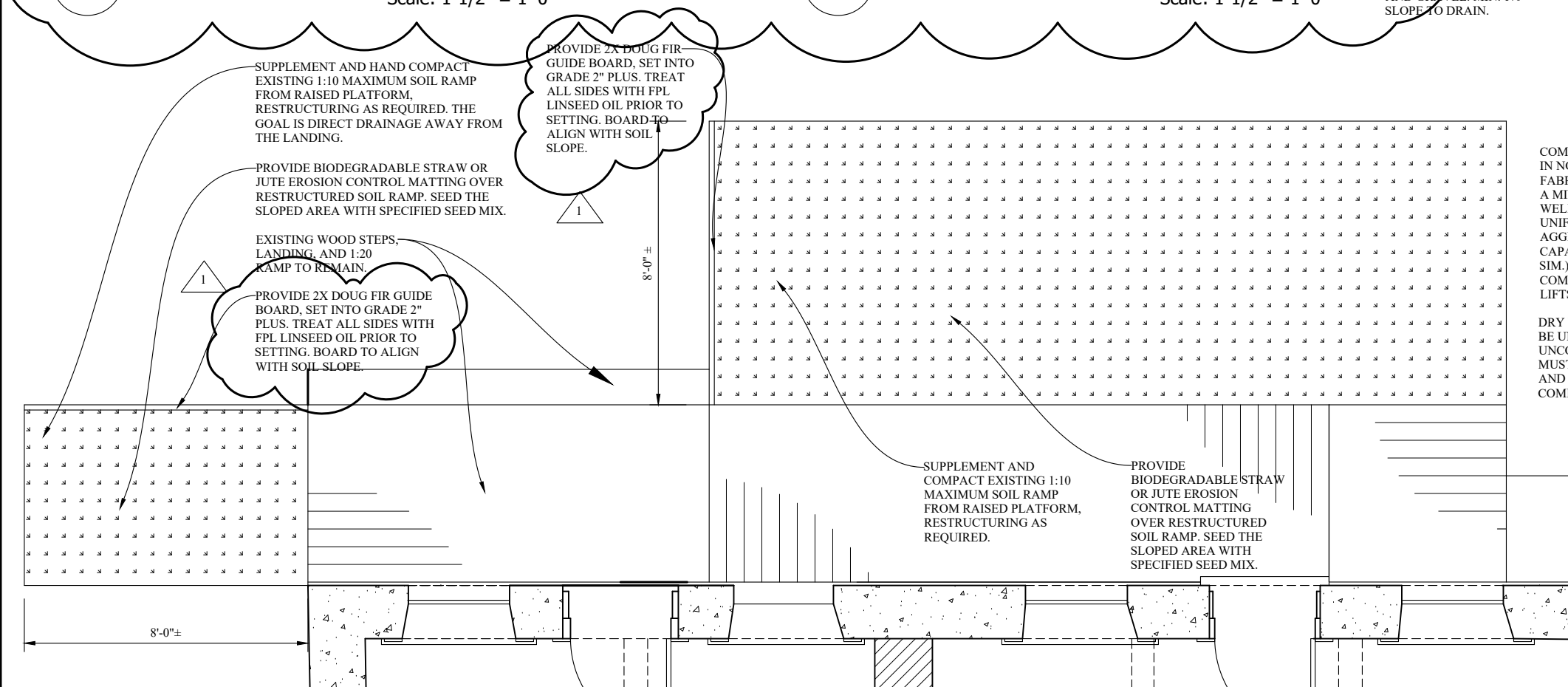


COMPLETELY WRAP ENTIRE PIT IN NONWOVEN GEOTEXTILE FABRIC. ROLLS SHALL OVERLAP A MINIMUM OF 24". FILL DRY WELL WITH CLEAN WASHED UNIFORMLY GRADED AGGREGATE WITH 40% VOID CAPACITY (AASHTO NO. 3 OR SIM.), PLACED IN 12" LIFTS. COMPACT LIGHTLY BETWEEN LIFTS.
 DRY WELL BOTTOM SHALL BE UNIFORM, LEVEL, AND UNCOMPACTED. THE BOTTOM MUST BE FREE FROM ROCKS AND DEBRIS. DO NOT COMPACT THE SUBGRADE.

UNDISTURBED SOIL
 FORT OWEN'S DOCUMENTED REPRESENTATIVE WATER TABLE AT >200 CM (6'-6 3/4") BELOW GRADE. NRCS WEB SOIL SURVEY.

2 SOIL AMENDMENT AT ENTRY

Scale: 1/4" = 1'-0"



3 DRY WELL SECTION

Scale: 3" = 1'-0"

NOTE: THE DRAWING SCALES ARE ONLY APPLICABLE WHEN THE SHEET IS PRINTED ON 11" X 17" PAPER.

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LMGilmore	2/14/2023
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#	#
CHECKED BY:	DATE:

APPROVED BY:	DATE:
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Fort Owen East Barracks Preservation - Phase II
 Details Project #7216207 2/14/2023

Preservation Architect:
 Gilmore Franzen Consulting LLC
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SHEET: 7R of 7