# MONTANA FISH, WILDLIFE & PARKS Fort Owen East Barracks Preservation - Phase II Stevensville, Montana **100% Construction Drawings** Project #7216207 February 14, 2023

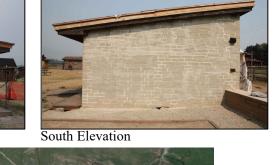




West Elevation (New ramp not shown)



North Elevation



BUILDING. 4

INTRUSION

THE GENERAL CONTRACTOR SHALL PROTECT ALL SURFACES TO REMAIN. ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, AND REGULATIONS, INCLUDING BUT NOT LIMITED TO, THE 2021 INTERNATIONAL EXISTING BUILDING CODE - CHAPTER 3 FOR REPAIRS. DO NOT SCALE THE DRAWINGS. VERIFY ALL DIMENSIONS IN THE FIELD. CONTACT THE ARCHITECT FOR FURTHER CLARIFICATION.

THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY INCONSISTENCIES OR DISCREPANCIES IN THE DRAWINGS AND/OR SPECIFICATIONS.

ALL WORK SHOWN ON THESE DRAWINGS IS NEW UNLESS OTHERWISE INDICATED. ALL MATERIALS SHOWN ON THESE DRAWINGS ARE EXISTING UNLESS OTHERWISE

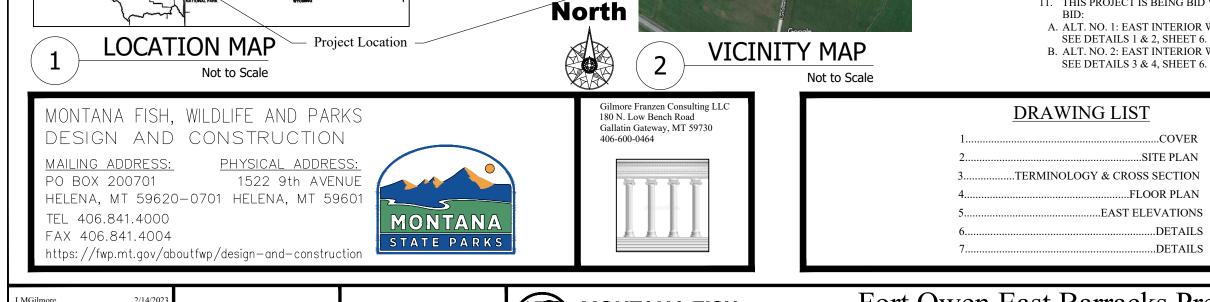
INDICATED.

-FORT OWEN RANCH

ROAD

10

BID



LMGilmore DRAWN BY: D	2/14/2023 DATE:	APPROVED BY: DATE:	APPROVED BY: DATE:	VED BY: DATE: MONTANA FISH,	Fort Owen East Barrack
? CHECKED BY:	PATE:	APPROVED BY: DATE:	APPROVED BY: DATE:	WILDLIFE & PARKS	Cover Sheet

## **GENERAL PROJECT NOTES**

THE FORT OWEN STATE PARK IS LISTED INDIVIDUALLY IN THE NATIONAL REGISTER OF HISTORIC PLACES. THE GENERAL CONTRACTOR SHALL FOLLOW THE SECRETARY OF THE INTERIOR'S STANDARDS FOR PRESERVATION FOR ALL WORK PERFORMED ON THE EAST BARRACKS. THE INTENT IS TO SAVE AS MUCH ORIGINAL ADOBE AND MORTAR AS POSSIBLE. WHILE STABILIZING THE BUILDING AND PREVENTING WATER

THE GENERAL CONTRACTOR SHALL COORDINATE ALL DIGGING ON SITE WITH MONTANA FISH WILDLIFE & PARK'S ARCHAEOLOGIST & CONSULTANT. THE GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY STRUCTURAL BRACING AND/OR SHORING AS REQUIRED TO SUPPORT THE WORK AND PROTECT THE

SEE SHEET 3 FOR TERMINOLOGY AND DEFINITIONS SPECIFIC TO THIS PROJECT. 11. THIS PROJECT IS BEING BID WITH TWO ALTERNATE BIDS IN ADDITION TO THE BASE

A. ALT. NO. 1: EAST INTERIOR WALL OF ROOM #101 - RESTORATION OF BASE OF WALL.

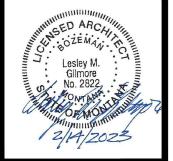
B. ALT. NO. 2: EAST INTERIOR WALL OF ROOM #102 - RESTORATION OF BASE OF WALL.

..COVER

.SITE PLAN

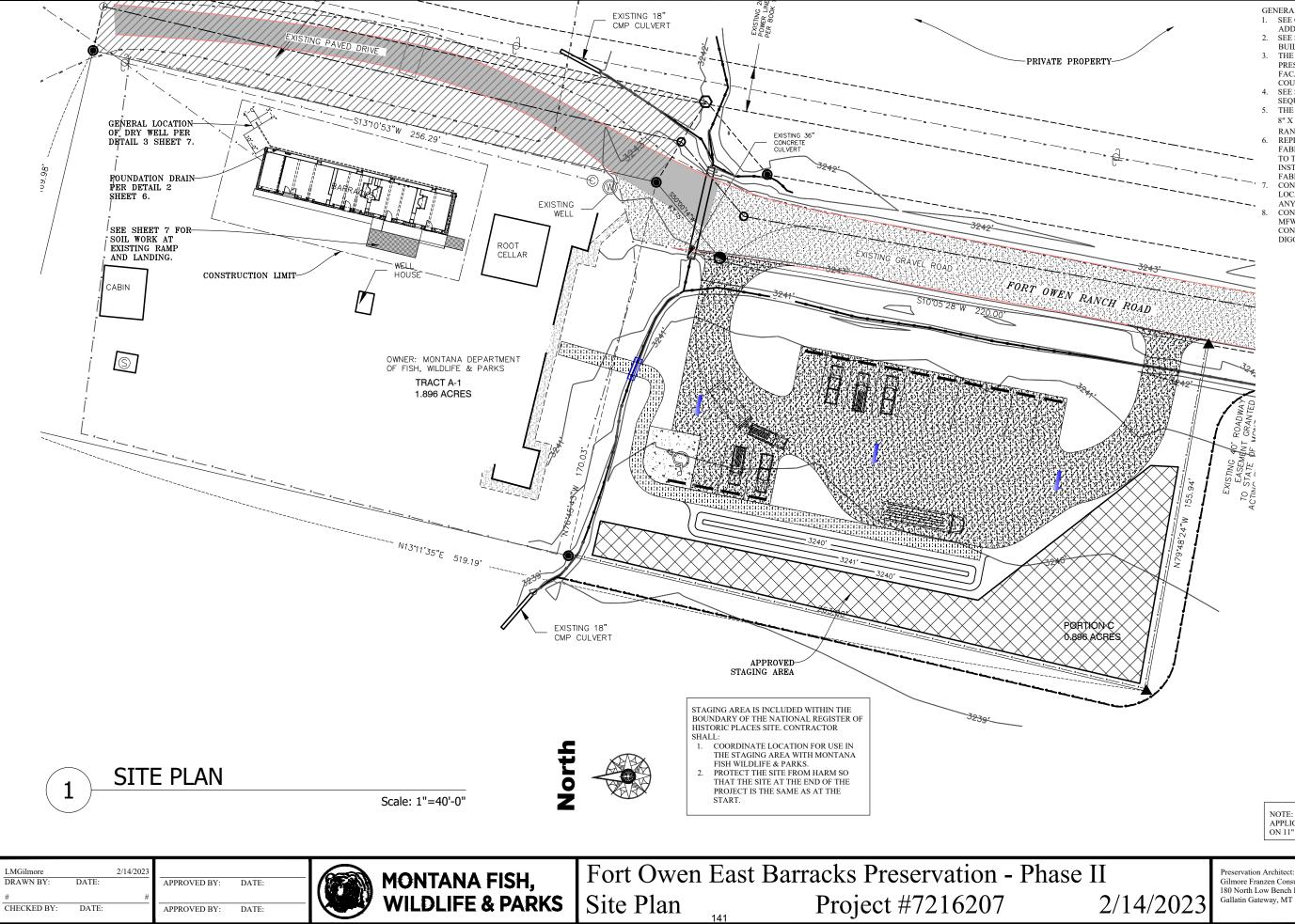
..FLOOR PLAN

.DETAILS ..DETAILS



of

ks Preservation - Phase II SHEE Project #7216207



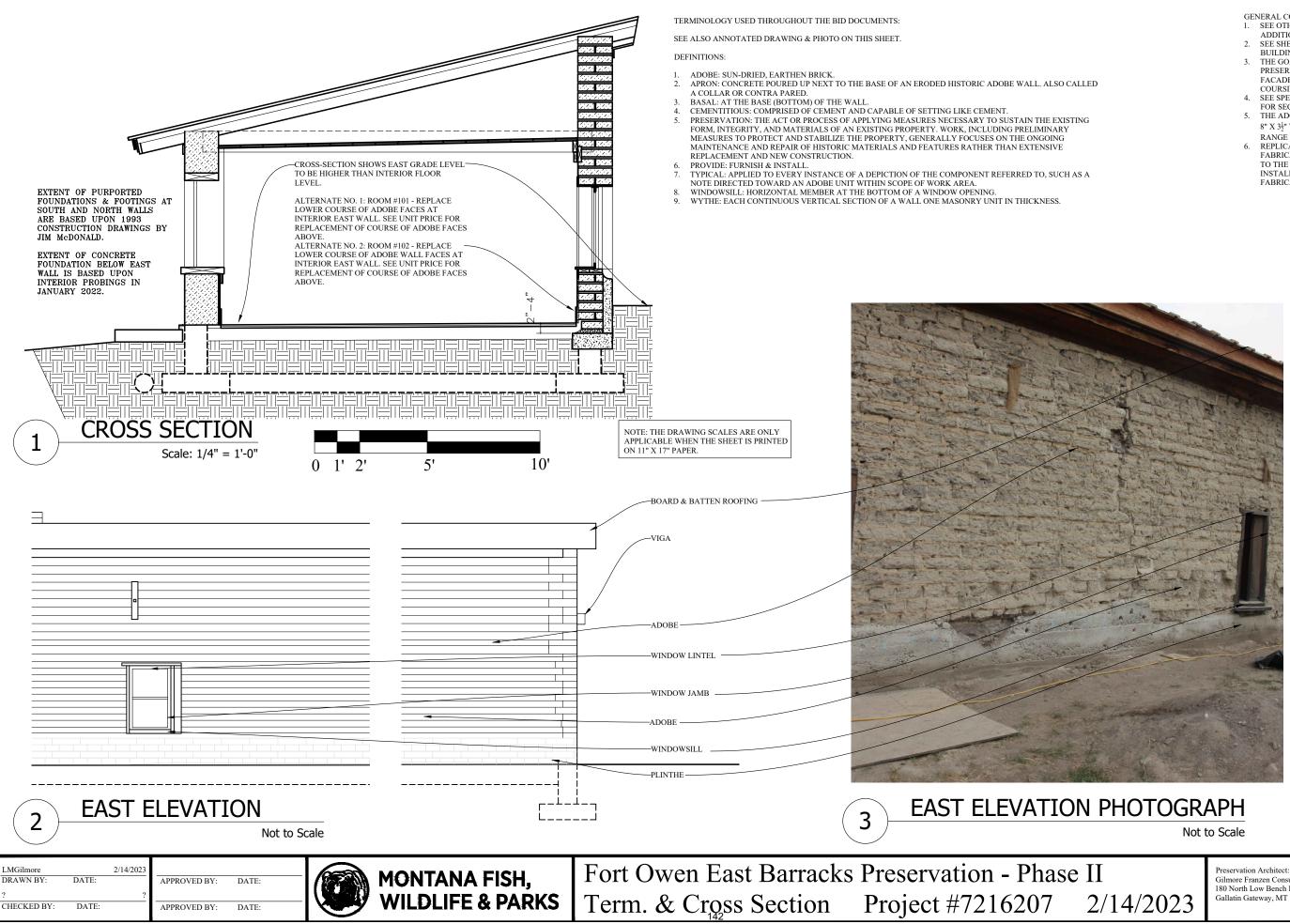
GENERAL CONSTRUCTION NOTES: 1. SEE OTHER SHEETS IN THIS SET FOR

- ADDITIONAL INFORMATION.
- 2. SEE SHEET 3 FOR TERMINOLOGY AND
- BUILDING CROSS-SECTION. 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  $3\frac{1}{2}$ " TO 4" TALL. THE MORTAR JOINTS RANGE FROM 1" TO 1<sup>3</sup>/<sub>4</sub>" WIDE.
- REPLICA ADOBE HAVE BEEN FABRICATED AND SHALL BE FURNISHED TO THE CONTRACTOR FOR
- INSTALLATION. THERE IS NO ADOBE FABRICATION IN THIS PROJECT.
- CONTRACTOR SHALL CALL 811 TO LOCATE ALL UTILITY LINES PRIOR TO ANY DIGGING ON SITE.
- CONTRACTOR SHALL COORDINATE WITH MFWP AND THEIR ARCHAEOLOGICAL CONSULTANT BEFORE AND DURING ANY DIGGING ON SITE.

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

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

SHEET:

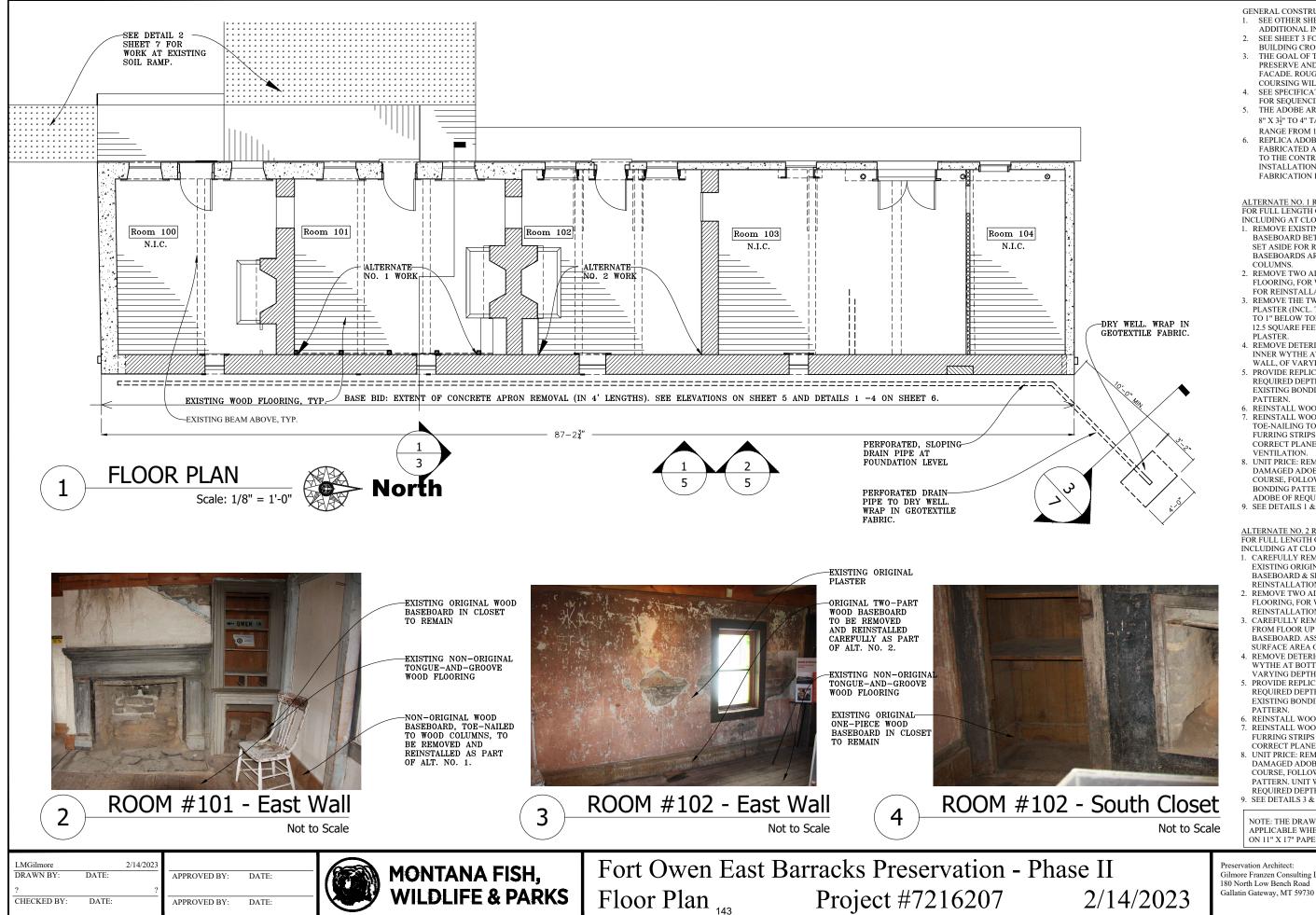


GENERAL CONSTRUCTION NOTES: 1 SEE OTHER SHEETS IN THIS SET FOR

- ADDITIONAL INFORMATION. SEE SHEET 3 FOR TERMINOLOGY AND
- BUILDING CROSS-SECTION. 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.
- THE ADOBE ARE APPROXIMATELY 18" X 8" X  $3\frac{1}{2}$ " TO 4" TALL. THE MORTAR JOINTS RANGE FROM 1" TO  $1\frac{3}{4}$ " WIDE.
- REPLICA ADOBE HAVE BEEN FABRICATED AND SHALL BE FURNISHED TO THE CONTRACTOR FOR INSTALLATION. THERE IS NO ADOBE FABRICATION IN THIS PROJECT.

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3 of SHEET



GENERAL CONSTRUCTION NOTES: SEE OTHER SHEETS IN THIS SET FOR

- ADDITIONAL INFORMATION. SEE SHEET 3 FOR TERMINOLOGY AND BUILDING CROSS-SECTION.
- 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.
- THE ADOBE ARE APPROXIMATELY 18" X 8" X  $3\frac{1}{2}$ " TO 4" TALL. THE MORTAR JOINTS RANGE FROM 1" TO  $1\frac{3}{4}$ " WIDE.
- REPLICA ADOBE HAVE BEEN FABRICATED AND SHALL BE FURNISHED TO THE CONTRACTOR FOR INSTALLATION. THERE IS NO ADOBE FABRICATION IN THIS PROJECT.

ALTERNATE NO. 1 REPAIR NOTES: FOR FULL LENGTH OF EAST WALL IN ROOM #101, INCLUDING AT CLOSET EAST OF FIREPLACE:

- 1. REMOVE EXISTING NON-ORIGINAL WOOD BASEBOARD BETWEEN WOOD COLUMNS & SET ASIDE FOR REINSTALLATION. THE BASEBOARDS ARE TOE-NAILED TO THE COLUMNS.
- 2. REMOVE TWO ADJACENT STRIPS OF WOOD FLOORING, FOR WALL ACCESS. SET ASIDE FOR REINSTALLATION.
- 3. REMOVE THE TWO COATS OF NON-ORIGINAL PLASTER (INCL. TOPCOAT) FROM FLOOR UP TO 1" BELOW TOP OF BASEBOARD, ASSUME 12.5 SQUARE FEET OF SURFACE AREA OF PLASTER.
- 4. REMOVE DETERIORATED ADOBE FROM INNER WYTHE AT BOTTOM COURSE OF WALL, OF VARYING DEPTH UP TO 9".
- 5. PROVIDE REPLICA ADOBE FACES FOR REQUIRED DEPTH OF CAVITY. FOLLOW THE EXISTING BONDING (HEADER/STRETCHER) PATTERN.
- 6. REINSTALL WOOD FLOORBOARDS. 7 REINSTALL WOOD BASEBOARD TOE-NAILING TO COLUMNS. PROVIDE FURRING STRIPS AS REQUIRED TO PLACE IN CORRECT PLANE AND PROVIDE VENTILATION.
- 8. UNIT PRICE: REMOVE AND REPLACE DAMAGED ADOBE UNITS FROM THE SECOND COURSE FOLLOWING THE EXISTING BONDING PATTERN, UNIT WILL BE A SINGLE ADOBE OF REQUIRED DEPTH.
- 9. SEE DETAILS 1 & 2 ON SHEET 6.

ALTERNATE NO. 2 REPAIR NOTES: FOR FULL LENGTH OF EAST WALL IN ROOM #102, INCLUDING AT CLOSET EAST OF FIREPLACE:

- 1. CAREFULLY REMOVE BOTH LENGTHS OF EXISTING ORIGINAL TWO-PART WOOD BASEBOARD & SET ASIDE FOR REINSTALLATION.
- 2. REMOVE TWO ADJACENT STRIPS OF WOOD FLOORING, FOR WALL ACCESS. SET ASIDE FOR REINSTALLATION. 3. CAREFULLY REMOVE ORIGINAL PLASTER
- FROM FLOOR UP TO 1" BELOW TOP OF BASEBOARD. ASSUME 12 SQUARE FEET OF SURFACE AREA OF PLASTER.
- 4. REMOVE DETERIORATED ADOBE FROM INNER WYTHE AT BOTTOM COURSE OF WALL, OF VARYING DEPTH UP TO 9".
- 5. PROVIDE REPLICA ADOBE FACES FOR REQUIRED DEPTH OF CAVITY. FOLLOW THE EXISTING BONDING (HEADER/STRETCHER) PATTERN
- 6. REINSTALL WOOD FLOORBOARDS.
- 7. REINSTALL WOOD BASEBOARD, PROVIDING FURRING STRIPS AS REQUIRED TO PLACE IN CORRECT PLANE AND PROVIDE VENTILATION.
- 8. UNIT PRICE: REMOVE AND REPLACE DAMAGED ADOBE UNITS FROM THE SECOND COURSE, FOLLOWING THE EXISTING BONDING PATTERN. UNIT WILL BE A SINGLE ADOBE OF REQUIRED DEPTH.
- 9. SEE DETAILS 3 & 4 ON SHEET 6.

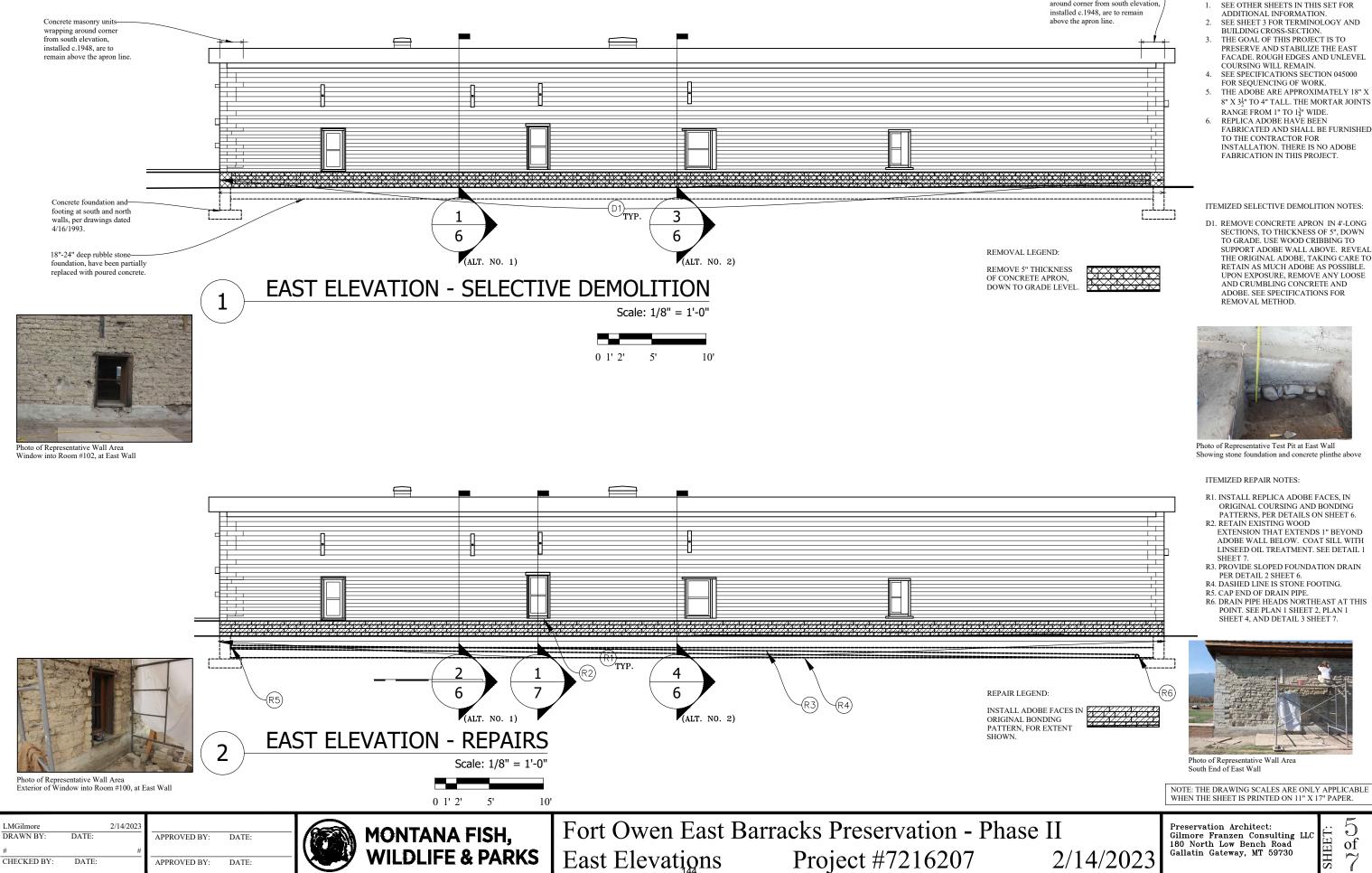
Preservation Architect

Gilmore Franzen Consulting LLC

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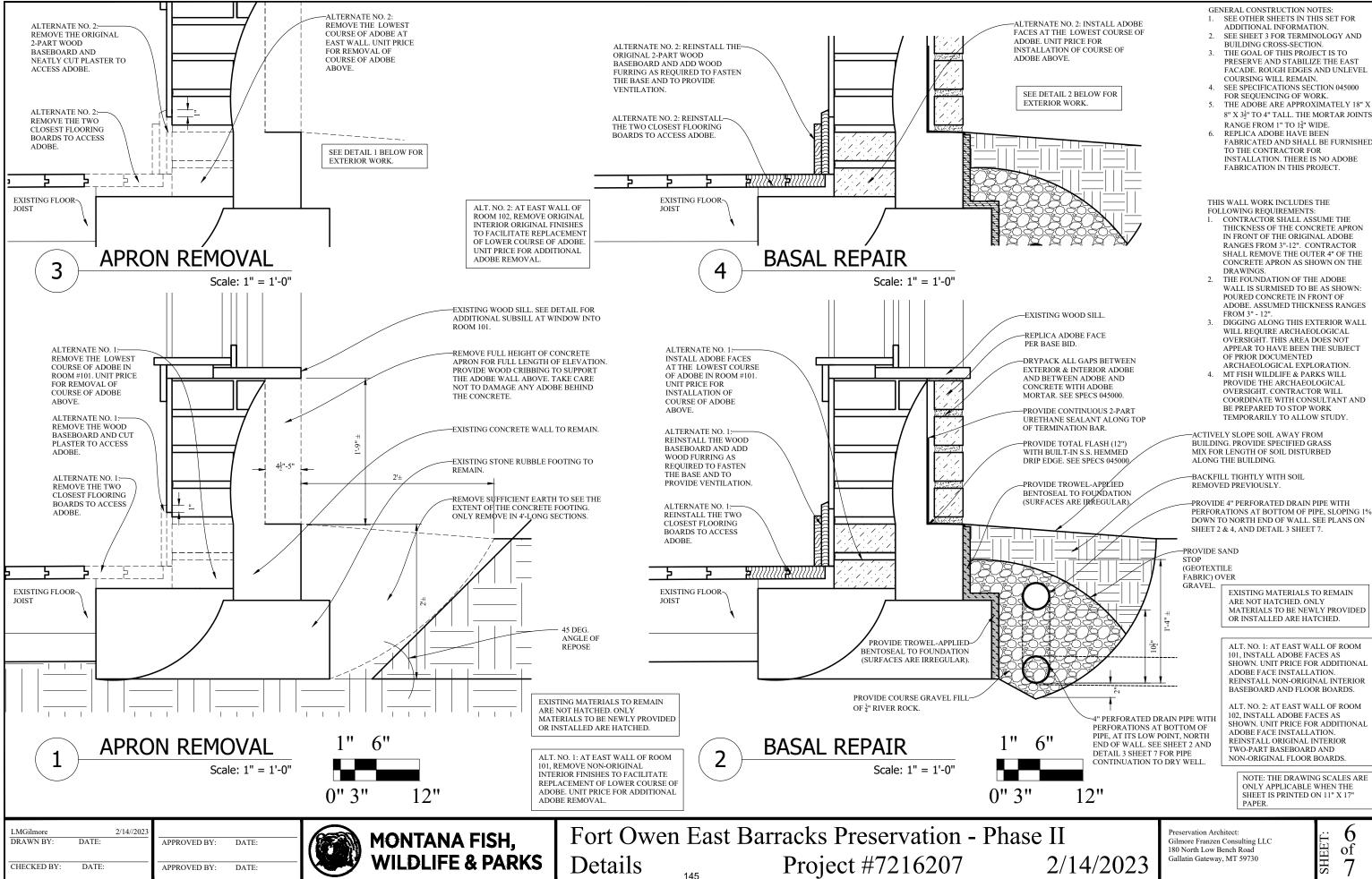
Not to Scale



Concrete masonry units wrapping around corner from south elevation GENERAL CONSTRUCTION NOTES:

- FACADE. ROUGH EDGES AND UNLEVEL
- 8" X  $3\frac{1}{2}$ " TO 4" TALL. THE MORTAR JOINTS
- FABRICATED AND SHALL BE FURNISHED

SECTIONS, TO THICKNESS OF 5", DOWN 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



- 8" X  $3\frac{1}{2}$ " TO 4" TALL. THE MORTAR JOINTS
- FABRICATED AND SHALL BE FURNISHED

