SOUTH DAKOTA DEPARTMENT OF THE MILITARY 466527 - NATIONAL GUARD

CONSTRUCTION **DOCUMENTS BID SET**

REPLACE EXTERIOR DOORS SIOUX FALLS RTI BID PACKAGE 1

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BID ALTERNATES

ALTERNATE A1 - MOVE AI PHONE

CONTACT INFORMATION

ARCHITECT

FEH DESIGN 1201 4TH STREET, SUITE 201 SIOUX CITY IA 51101

PH: (712)252-3889



Vicinity Map

ARCHITECTURAL GENERAL NOTES

- 1. THESE CONSTRUCTION DRAWING SHEETS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT MANUAL.
- 2. WHEN DRAWINGS AND PROJECT MANUAL CONFLICT, BIDDER SHALL REQUEST WRITTEN CLARIFICATION FROM THE ARCHITECT PRIOR TO BIDDING. IF CLARIFICATION IS NOT OBTAINED PRIOR TO BIDDING, THE FOLLOWING SHALL BE USED TO DETERMINE SCOPE OF BID: MATERIAL SIZE AND QUANTITY SHALL BE DETERMINED BY DRAWINGS, QUALITY IS DETERMINED BY PROJECT MANUAL. FINAL DETERMINATION SHALL BE BY THE ARCHITECT OR ENGINEER PRIOR TO CONSTRUCTION OR FABRICATION.
- ERRORS ARE TO BE REPORTED IMMEDIATELY TO THE ARCHITECT.
- STRUCTURAL DRAWINGS GOVERN FOR SIZES, SPACING, AND CONNECTIONS OF ALL STRUCTURAL MATERIALS AND MEMBERS. IN THE CASE OF DISCREPANCIES, CONSULT WITH THE ARCHITECT/ENGINEER BEFORE COMMENCEMENT OF WORK.
- 5. THE CONTRACTOR SHALL ARRANGE FOR THE PREMISES TO BE MAINTAINED IN AN ORDERLY MANNER THROUGHOUT THE COURSE OF THE JOB. MAINTAIN CLEANLINESS THROUGHOUT - DO NOT BLOCK EXITS. ENTRANCES, LOBBIES, CORRIDORS, ETC. PROTECT AREA FROM DAMAGE WHICH MAY OCCUR FROM DEMOLITION DUST, WATER, ETC. PROVIDE AND MAINTAIN TEMPORARY BARRICADES, CLOSURE WALLS, ETC. AS REQUIRED TO PROTECT THE PUBLIC DURING THE PERIOD OF CONSTRUCTION. DAMAGE OF EXISTING STRUCTURES AND EQUIPMENT SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE
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- CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT WORKERS FROM INJURY OR EXPOSURE TO DANGEROUS MATERIALS DURING THE WORK BY THE CONTRACTOR, AS PER OSHA REGULATIONS AND FIRE-WATCH AS PER THE SUPPLEMENTAL CONDITIONS IN THE PROJECT MANUAL.
- DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT / ENGINEER IF ADDITIONAL DIMENSIONS ARE REQUIRED OR DISCREPANCIES DISCOVERED.
- ALL EXISTING FACILITY DIMENSIONS ARE TO BE VERIFIED ON SITE.
- 10. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO SHOP DRAWING APPROVAL AND CONSTRUCTION. SEE PROJECT MANUAL WHERE FIELD VERIFICATION CANNOT BE OBTAINED PRIOR TO SHOP DRAWING APPROVAL.





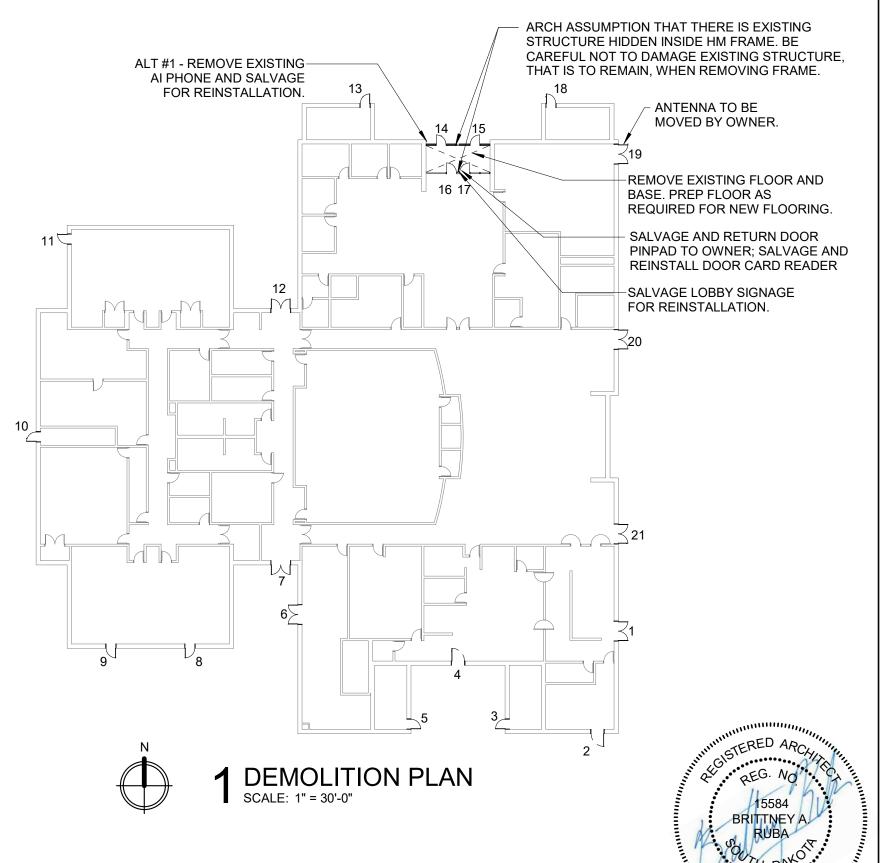
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- 1. THE CONTRACTOR SHALL EXAMINE SITE AND PORTIONS THEREOF TO ASCERTAIN AND CHECK ALL EXISTING CONDITIONS AND DIMENSIONS WHICH MAY AFFECT THE CONTRACTOR'S WORK. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE IN THE CONTRACTOR'S BEHALF FOR ANY EXPENSE TO WHICH THE CONTRACTOR MAY PAY DUE TO FAILURE OR NEGLECT ON ONE'S PART TO MAKE AN EXAMINATION. ANY CONFLICTS OR OMISSIONS, ETC. SHALL BE REPORTED TO THE ARCHITECT PRIOR TO BID SUBMISSION.
- 2. CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE DUST AND NOISE TO SURROUNDING PROPERTIES. SITE ACCESS SHALL BE LIMITED TO LOCATIONS SHOWN OR COORDINATIED WITH OWNER.
- 3. PROVIDE PLASTIC SHEETS (OR OTHER) FOR SAFETY AND PROTECTION FROM NOISE, DUST, ETC. OF OCCUPIED AREAS DURING CONSTRUCTION AND DEMOLITION.
- 4. PROVIDE TEMPORARY WEATHER ENCLOSURES OR OTHER PROTECTIVE MEASURES IN EACH AREA OF WORK THROUGH COMPLETION OF NEW DOOR INSTALLATION. BUILDING IS TO REMAIN SECURE AT ALL TIMES.
- 5. REMOVE PORTIONS OF EXISTING CONSTRUCTION AS NOTED ON THE DRAWINGS AND AS NECESSARY TO ACCOMMODATE THE NEW CONSTRUCTION AND REPLACE OR REPAIR AS NEEDED.
- 6. CONTRACTOR NOTE: SOME ANCILLARY/MINOR DEMOLITION AND PATCH/REPAIR MAY NOT BE SHOWN SPECIFICALLY. CONTRACTOR SHALL PROVIDE AND COORDINATE ALL ANCILLARY/MINOR WORK REQUIRED TO COMPLETE NEW WORK AS DESIGNED. VERIFY CONDITIONS WITH OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
- 7. THE CONTRACTOR IS CAUTIONED THAT THIS PROJECT INVOLVES ALTERATION TO EXISTING FACILITIES. WORK WHICH IS REQUIRED TO BE PERFORMED TO PROVIDE A COMPLETELY OPERABLE INSTALLATION WITHIN THE SCOPE OF THE WORK, BUT WHICH IS NOT SPECIFICALLY INCLUDED ON THE PLANS, SHALL BE PERFORMED AS PART OF THE CONTRACT AND INCLUDED IN THE BID.
- 8. ANY ITEMS DESCRIBED IN THESE DRAWINGS WITHOUT A "NEW" (N) OR "EXISTING" (E) DESIGNATION SHALL BE CONSIDERED NEW.
- EXISTING BUILDING DIMENSIONS AS SHOWN ON THE PLANS MAY DIFFER PLUS OR MINUS; FIELD VERIFY.
- 10. PREPARE SURFACES TO RECEIVE FINISHES. PATCH ALL EXISTING WORK ALTERED BY NEW WORK. ALL NEW AND PATCHED SURFACES SHALL BE SMOOTH, CONTINUOUSLY FREE OF IMPERFECTIONS AND IN PROPER CONDITION TO RECEIVE THE FINISH PER THE PROJECT MANUAL. IN PATCHED AREAS OR ANY AREA WHERE A FINISH IS NOT IDENTIFIED, THE AREA SHALL MATCH ADJACENT MATERIAL IN CONSTRUCTION, COLOR, TEXTURE, AND MANUFACTURE. ANY EXISTING WORK, I.E. FLOOR TILES, WALL TILES, ETC. WHICH ARE DAMAGED OR STAINED, ETC. SHALL BE REPAIRED OR REPLACED AS NECESSARY WITH NEW MATCHING MATERIAL.
- 11. FASTENER ATTACHMENTS ONTO EXISTING CONCRETE SURFACES: DO NOT DAMAGE EXISTING EMBEDDED REINFORCEMENT BARS.LOCATE EXISTING REINFORCEMENT BARS WITH A PACHOMETER PRIOR TO INSTALLING FASTENERS TO AVOID DAMAGING EXISTING REINFORCING BARS.
- 12. THE EXISTING OCCUPANTS INTEND TO OCCUPY A DESIGNATED PORTION OF THE BUILDING AND MAINTAIN OPERATIONS. SUBMIT A DEMOLITION PLAN INDICATING PROCEDURES AND OPERATIONAL SEQUENCING FOR REVIEW AND ACCEPTANCE BY THE OWNER AND ARCHITECT.
- 13. OWNER SHALL HAVE FIRST OPTION TO KEEP ANY REMOVED DOOR HARDWARE. CONTRACTOR TO VERIFY WITH OWNER AND TURN OVER ANY SALVAGED HARDWARE TO A LOCATION DESIGNATED BY THE OWNER. REMOVE AND DISPOSE OF ALL REMAINING HARDWARE.

GENERAL KEYNOTE:

AT ALL DOORS SHOWN ON DEMOLITION PLAN AND INDICATED WITH A NUMBER - REMOVE EXISTING DOOR AND FRAME; PREP FOR NEW DOOR AND FRAME.



SIGN RING / INTERIORS MILWAUKEE, W (414) 200-9660

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SIOUX CITY, IA 712) 252-3889

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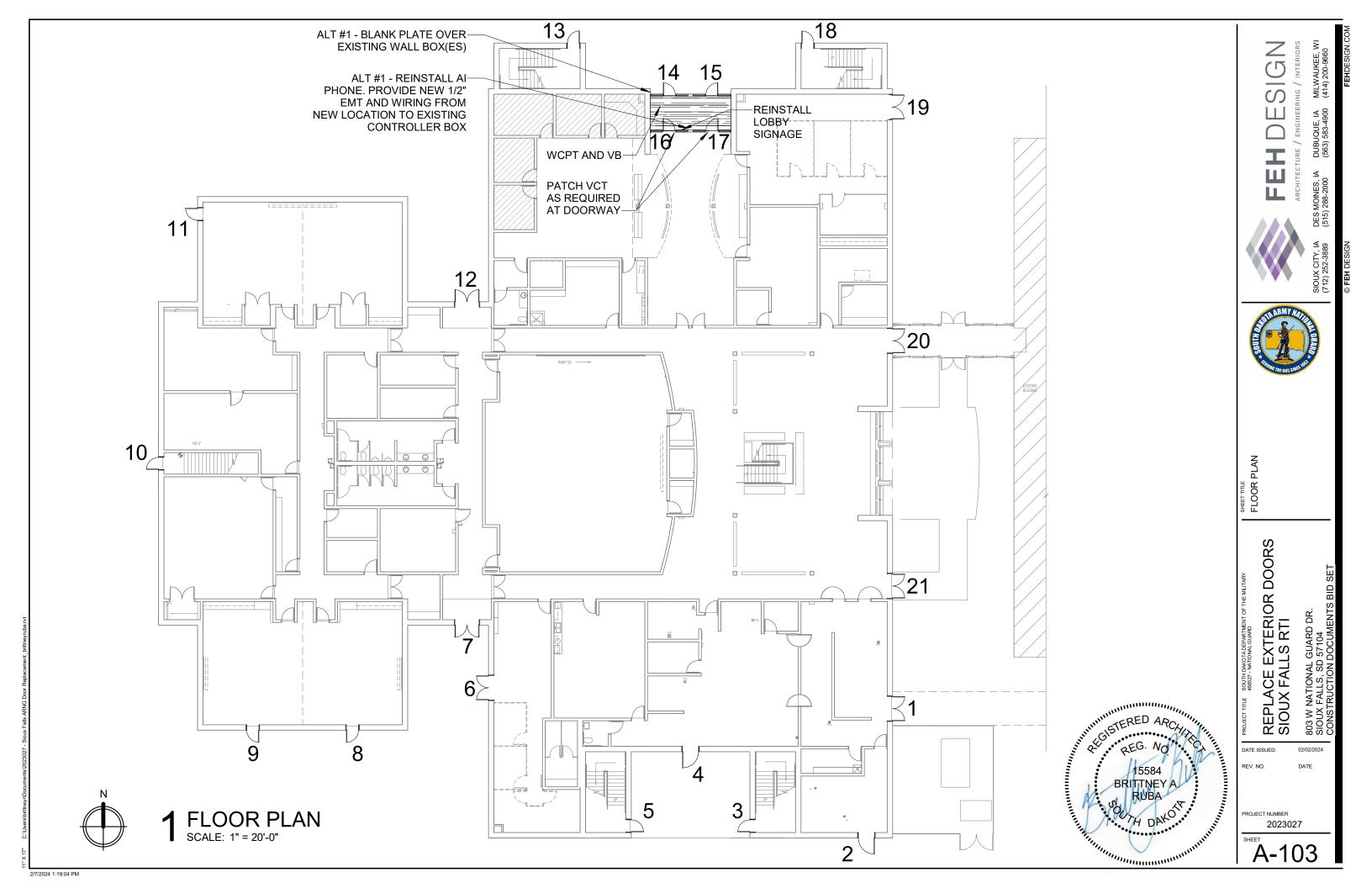
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DATE ISSUED: 02/02/2
REV. NO. DATE

ROJECT NUMBER 2023027



			DOOR				FRAN							
Ī	SIZE					SIZE			DETAILS					
NUMBER	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	GLAZING	FRAME WIDTH	FRAME HEIGHT	FRAME TYPE	HEAD	JAMB	SILL	FIRE RATING	FINISH NOTES	COMMENTS
1	6'-0"	7'-0"	G1	НМ	IG - SG	6'-4"	7'-4"	HM-2	1	2	3		(1)	(3)
2	4'-0"	7'-0"	F	НМ	-	4'-4"	7'-4"	HM-1	1	2	3		(1)	(3)
3	3'-0"	7'-0"	G1	НМ	IG - SG	3'-4"	7'-4"	HM-1	1	2	3		(1)	(3)
4	4'-0"	7'-0"	G1	HM	IG - SG	4'-4"	7'-4"	HM-1	1	2	3		(1)	(9)
5	3'-0"	7'-0"	G1	НМ	IG - SG	3'-4"	7'-4"	HM-1	1	2	3		(1)	(3)
6	6'-0"	7'-0"	F	HM	-	6'-4"	7'-4"	HM-2	1	2	3		(1)	(3)
7	6'-0"	7'-0"	G1	HM	IG - SG	6'-4"	7'-4"	HM-2	1	2	3		(2)	(3)
8	3'-0"	7'-0"	F	HM	-	3'-4"	7'-4"	HM-1	1	2	3		(1)	(3)
9	3'-0"	7'-0"	F	HM	-	3'-4"	7'-4"	HM-1	1	2	3		(1)	(3)
10	3'-0"	7'-0"	G1	HM	IG - SG	3'-4"	7'-4"	HM-1	1	2	3		(1)	(3)
11	3'-0"	7'-0"	F	HM	-	3'-4"	7'-4"	HM-1	1	2	3		(1)	(3)
12	6'-0"	7'-0"	G1	HM	IG - SG	6'-4"	7'-4"	HM-2	1	2	3		(2)	(3)
13	3'-0"	7'-0"	G1	HM	IG - SG	3'-4"	7'-4"	HM-1	1	2	3		(1)	(3)
14	3'-0"	7'-0"	G2	AL	IG - SG	20'-0"	8'-8"	AL-1					(4)	(7)
15	3'-0"	7'-0"	G2	AL	IG - SG	20'-0"	8'-8"	AL-1					(4)	(7)
16	3'-0"	7'-0"	G2	AL	SG	20'-0"	8'-4"	AL-2					(5)	(7)
17	3'-0"	7'-0"	G2	AL	SG	20'-0"	8'-4"	AL-2					(5)	(7)
18	3'-0"	7'-0"	G1	HM	IG - SG	3'-4"	7'-4"	HM-1	1	2	3		(1)	(3)
19	6'-0"	7'-0"	F	HM	-	6'-4"	7'-4"	HM-2	1	2	3		(1)	(3)
20	6'-0"	7'-0"	G1	HM	SG (8)	6'-4"	7'-4"	HM-2	1	2		90M	(2)	(3)
21	6'-0"	7'-0"	G1	HM	IG - SG	6'-4"	7'-4"	HM-2	1	2	3		(2) (6)	(3)

GENERAL DOOR NOTES

- 1. ALL DOORS TO BE 1-3/4" THICK U.O.N.
- 2. ADJUST DOOR CLOSURES SO THAT MAXIMUM EFFORTS TO OPERATE DOORS SHALL NOT EXCEED 5 LBS. FOR INTERIOR DOORS (EXCEPT FIRE DOORS) AS PER STATE HANDICAP REQUIREMENTS.
- 3. RATED DOORS ARE TO BE SELF-CLOSING AND POSITIVE LATCHING.
- 4. ALL FIRE-RATED ASSEMBLIES SHALL BE PROVIDED WITH APPROVED GASKETING MATERIAL INSTALLED TO PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND AT THE TOP.
- 5. GLASS AND GLAZING SHALL COMPLY WITH THE CURRENT INTERNATIONAL BUILDING CODE (IBC) FOR HUMAN IMPACT. GLASS DOORS, ADJACENT PANELS, AND ALL GLAZED OPENINGS WITHIN 18" OF ADJACENT FLOOR SHALL BE OF GLASS APPROVED FOR IMPACT HAZARD.
- 6. DIMENSIONS FOR DOORS, WINDOWS, AND LOUVERS IN CONCRETE MASONRY AND PRECAST WALLS ARE NOMINAL FRAME SIZES. COORDINATE MANUFACTURER'S REQUIREMENTS WITH ACTUAL ROUGH OPENING DIMENSIONS.
- WHERE METAL THRESHOLDS ARE CUT TO FIT DOOR JAMBS, PROVIDE SEALANT ALONG EDGES OF THRESHOLD AT JAMB.
- 8. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE AVAILABLE ON THE JOB SITE FOR ALL RATED DOOR ASSEMBLIES.
- 9. ALL EXISTING OPENING SIZES SHALL BE VERIFIED BY CONTRACTOR.
- 10. INTENT IS TO USE STANDARD SIZE DOORS AND FRAMES. WHERE REQUIRED, CUT DOWN NEW DOORS/FRAMES TO FIT EXISTING OPENINGS.

DOOR SCHEDULE LEGEND

COMMENTS/NOTES

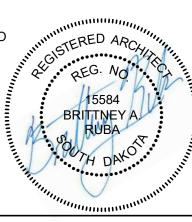
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- (2) PREP AND PAINT NEW HM DOOR(S) AND FRAME. PAINT LINTEL.
- (3) INSTALL NEW FRAME CENTERED OVER OLD FRAME'S JAMB DEPTH. NEW FRAME IS TO BE A 6 3/4" FRAME. FRAME MAY GO UP IN SIZE IF NOT GOING TO COVER EXISTING JAMB CONNECTIONS/SCARS.
- (4) PAINT SOIFFIT IN THEIR ENTIRETY ON BOTH SIDES OF NEW FRAME.
- (5) PAINT SOFFIT IN VESTIBULE AND WALL ABOVE NEW FRAME.
- (6) FILL GAP BETWEEN EXISTING LINTEL AND CMU WITH PAINTABLE CAULK. PAINT.
- (7) NEW AL DOORS/FRAME AND HARDWARE. VERIFY ROUGH OPENING SIZE. ADJUST SIDELIGHT DIMENTIONS AS NEEDED. INSTALL NEW AL FRAME OVER OLD HM FRAME JAMB DEPTH. NEW AL FRAME IS TO BE 6" DEPTH.
- (8) 90M DOORS WITH DOOR VISION PANEL >100 SQ. IN. = D-H-T-W-90 AND TESTED TO ASTM E119.
- (9) INSTALL NEW FRAME CENTERED OVER OLD FRAME'S JAMB DEPTH. NEW FRAME IS TO BE A 8 3/4" FRAME. FRAME MAY GO UP IN SIZE IF NOT GOING TO COVER EXISTING JAMB CONNECTIONS/SCARS.

MATERIAL

AL ALUMINUM HM HOLLOW METAL

GLAZING

IG INSULATED GLAZING SG SAFETY GLAZING



ESIGN INEERING / INTERIORS 5, IA MILWAUKEE, WI 4900 (414) 200-9660

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HEET TITLE DOOR SCHEDULE AN

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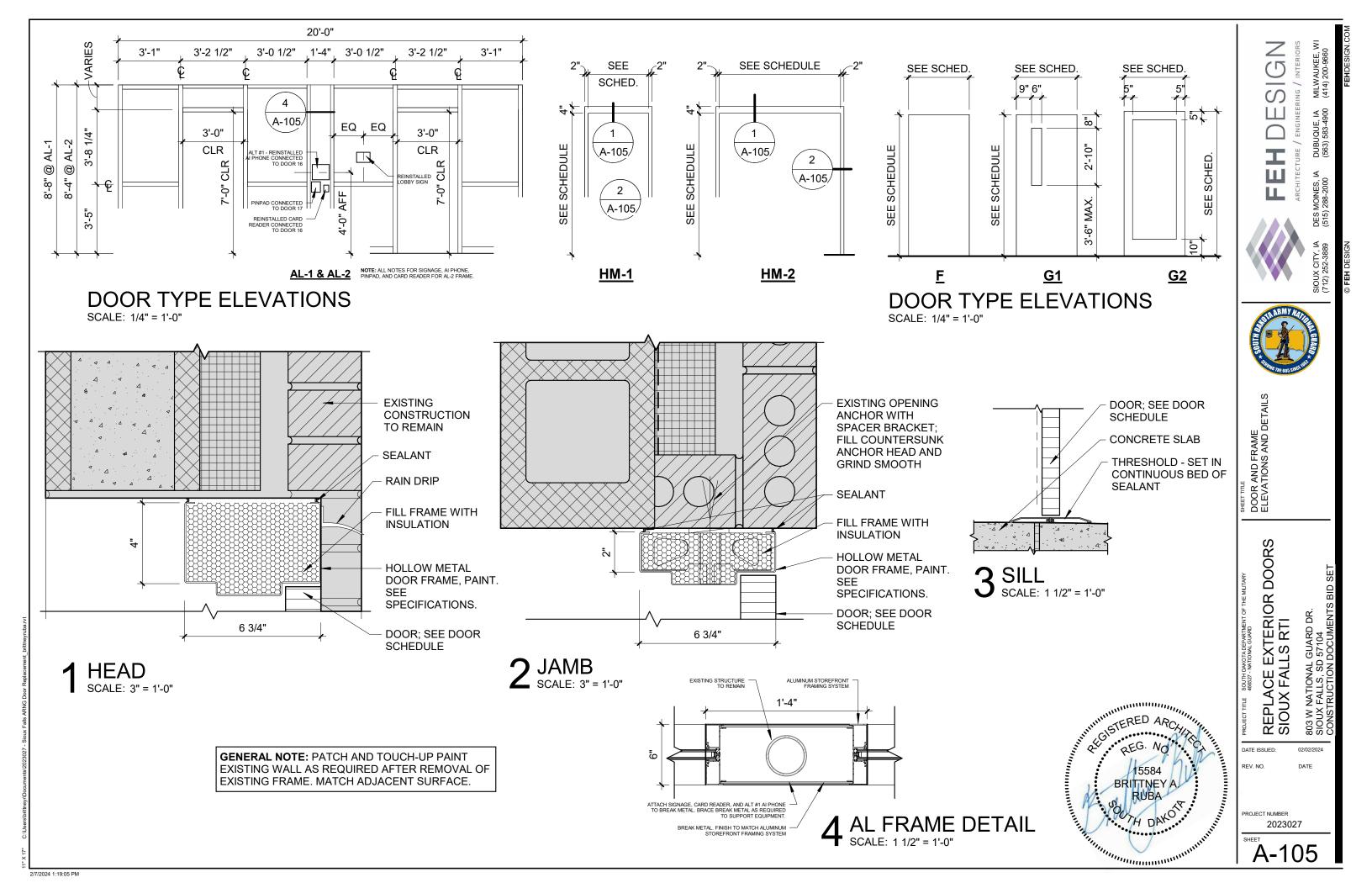
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DATE ISSUED: 02/02/2024

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REV. NO.

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A-201

REPLACE EXTERIOR DOORS SIOUX FALLS UTES BID PACKAGE 2

SHEET INDEX

ARCHITECTURAL

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A-202 DEMOLITION PLAN AND NOTES

A-203 FLOOR PLAN

A-204 DOOR SCHEDULE, DOOR ELEVATIONS AND NOTES

A-205 DOOR DETAILS

CONTACT INFORMATION

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FEH DESIGN 1201 4TH STREET, SUITE 201 SIOUX CITY IA 51101

PH: (712)252-3889



Vicinity Map

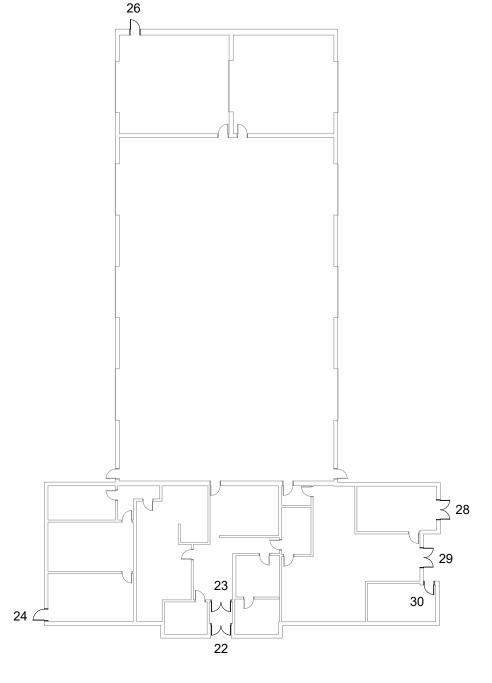
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GENERAL KEYNOTE:

AT ALL DOORS SHOWN ON DEMOLITION PLAN AND INDICATED WITH A NUMBER -REMOVE EXISTING DOOR AND FRAME: PREP FOR NEW DOOR AND FRAME.





DEMOLITION PLAN





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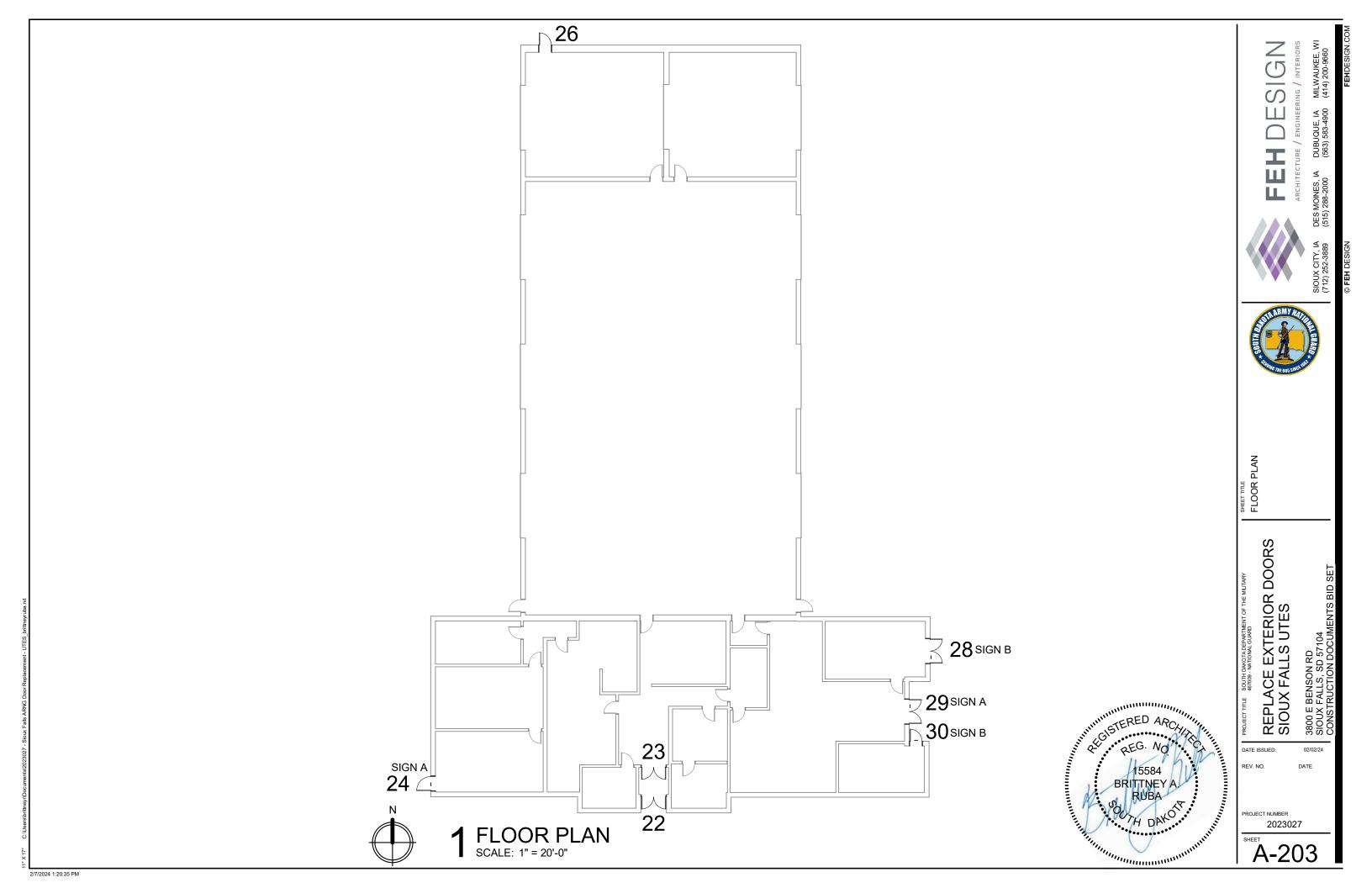
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DOORS REPLACE EXTERIOR SIOUX FALLS UTES

DATE ISSUED 02/02/24 REV. NO. ROJECT NUMBER

2023027



			DOOR										
	S	IZE				SIZE			DETAILS - SHEET A-205 & A-206				
NUMBER	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	GLAZING	FRAME WIDTH	FRAME HEIGHT	FRAME TYPE	HEAD	JAMB	SILL	FINISH NOTES	COMMENTS
22	6'-0"	7'-2"	G2	AL	IG - SG	6'-4"	8'-4"	AL-2				(2)	(4)
23	6'-0"	7'-2"	G2	AL	SG	6'-4"	7'-4"	AL-1					(4)
24	3'-6"	7'-0"	F	HM	-	3'-10"	7'-4"	HM-1	1	2	3	(1)	(3)
26	3'-0"	7'-0"	F	HM	-	3'-4"	7'-4"	HM-1	1	2	3	(1) (5)	(3)
28	6'-0"	7'-0"	F	HM	-	6'-4"	7'-4"	HM-2	1	2	3	(1)	(3)
29	6'-0"	7'-0"	F	НМ	-	6'-4"	7'-4"	HM-2	1	2	3	(1)	(3)
30	3'-0"	7'-0"	F	HM	-	3'-4"	7'-4"	HM-1	1	2	3	(1)	(3)

DOOR NOTES

- ALL DOORS TO BE 1-3/4" THICK U.O.N.
- ADJUST DOOR CLOSURES SO THAT MAXIMUM EFFORTS TO OPERATE DOORS SHALL NOT EXCEED 5 LBS. FOR INTERIOR DOORS (EXCEPT FIRE DOORS) AS PER STATE HANDICAP REQUIREMENTS.
- GLASS AND GLAZING SHALL COMPLY WITH THE CURRENT INTERNATIONAL BUILDING CODE (IBC) FOR HUMAN IMPACT. GLASS DOORS, ADJACENT PANELS, AND ALL GLAZED OPENINGS WITHIN 18" OF ADJACENT FLOOR SHALL BE OF GLASS APPROVED FOR IMPACT HAZARD.
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- 6. ALL EXISTING OPENING SIZES SHALL BE VERIFIED BY CONTRACTOR.
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DOOR SCHEDULE LEGEND

COMMENTS / NOTES

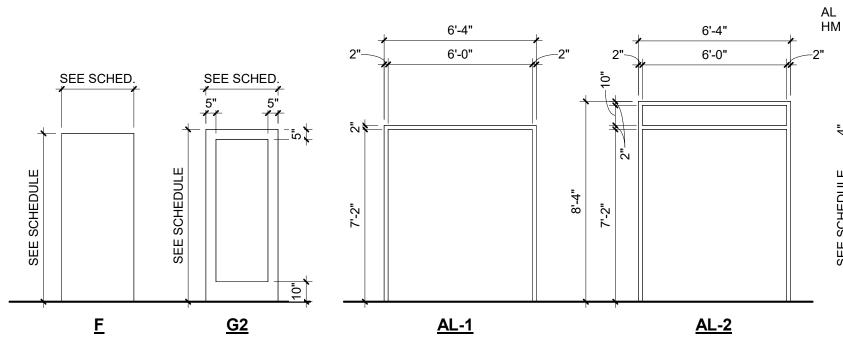
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- (2) PAINT LINTEL.
- INSTALL NEW FRAME CENTERED OVER OLD FRAME'S JAMB DEPTH. NEW FRAME IS TO BE A 6 3/4" FRAME. FRAME MAY GO UP IN SIZE IF NOT GOING TO COVER EXISTING JAMB CONNECTIONS/SCARS.
- (4) NEW AL DOORS/FRAME AND HARDWARE. VERIFY ROUGH OPENING SIZE. INSTALL NEW AL FRAME OVER OLD AL FRAME JAMB DEPTH. NEW AL FRAME IS TO BE 6"
- (5) DOOR AND FRAME ARE TO BE G90 GALVANIZED.

MATERIAL

ALUMINUM

GLAZING

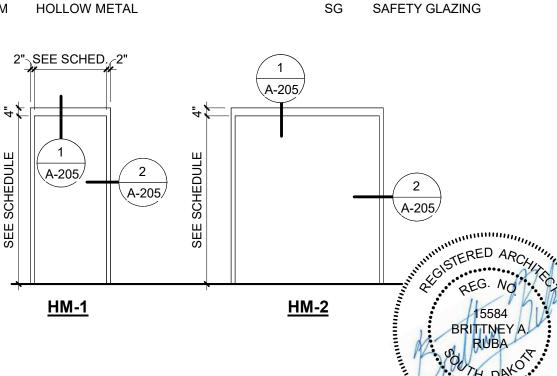
INSULATED GLAZING SAFETY GLAZING SG



DOOR TYPE ELEVATIONS SCALE: 1/4" = 1'-0"

FRAME TYPE ELEVATIONS

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



Z U S Ш

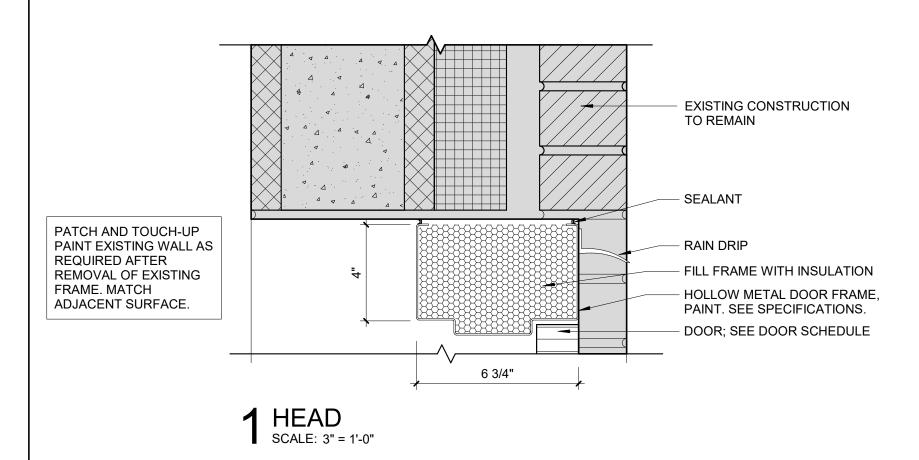
Ш

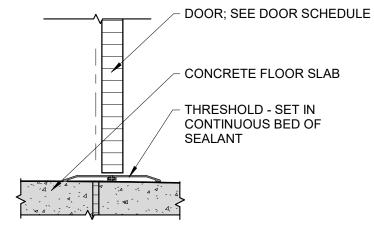
DOOR SCHEDULE, DOOR ELEVATIONS AND NOTES

REPLACE EXTERIOR DOORS SIOUX FALLS UTES

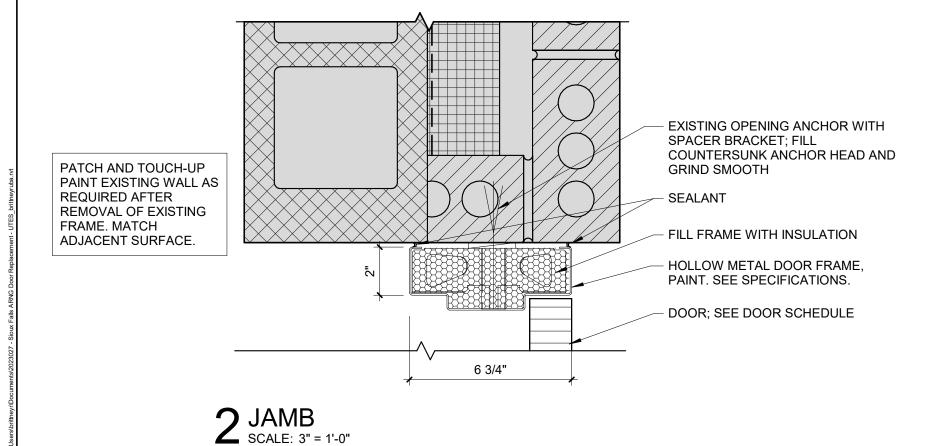
DATE ISSUED:

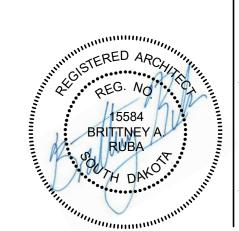
ROJECT NUMBER 2023027





3 SILL SCALE: 1 1/2" = 1'-0"





PROJECT TITLE SOUTH DAKOTA DEPARTMENT OF THE MILITARY

ON TAIL

SHEET TITLE

DOOR DETAILS

DOOR DETAILS

SOUNT FALLS UTES

3800 E BENSON RD

SIOUX FALLS, SD 57104

CONSTBILCTION DOO! MENTS RID SET

2/7/2024 1:20:36 PN

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FEH DARCHITECTURE / ENG

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PROJECT NUMBER
2023027