UPDATE WING 4B

PROJECT NO. 437-23-103

FARGO VA HEALTH CARE SYSTEM
DEPARTMENT OF VETERAN'S AFFAIRS
2101 ELM STREET
FARGO, NORTH DAKOTA 58102

VA

U.S DEPARTMENT OF VETERAN'S AFFAIRS
VETERAN'S HEALTH ADMINISTRATION

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

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4F PROJECT NUMBER: 19.2481.A22

Drawing Title: COVER SHEET
Approved: Project Director
Project Title: UPDATE WING 4B
Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date: 7/17/2024
Checked: JL
Drawn: KZ
Project Number: 437-23-103
Building Number: 9
Drawing Number: G0.00
Dwg. 1 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

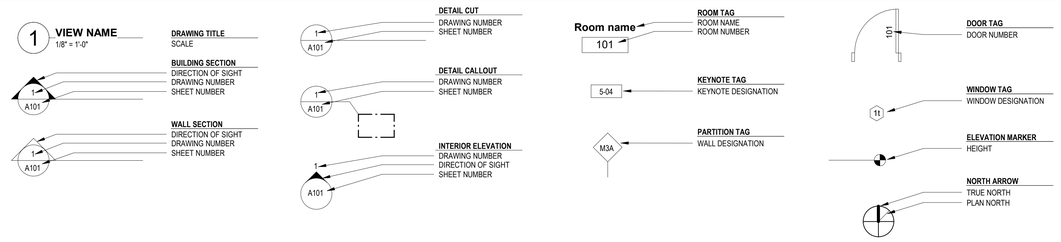
7/15/2024 6:19:24 PM

VA FORM 08-6231

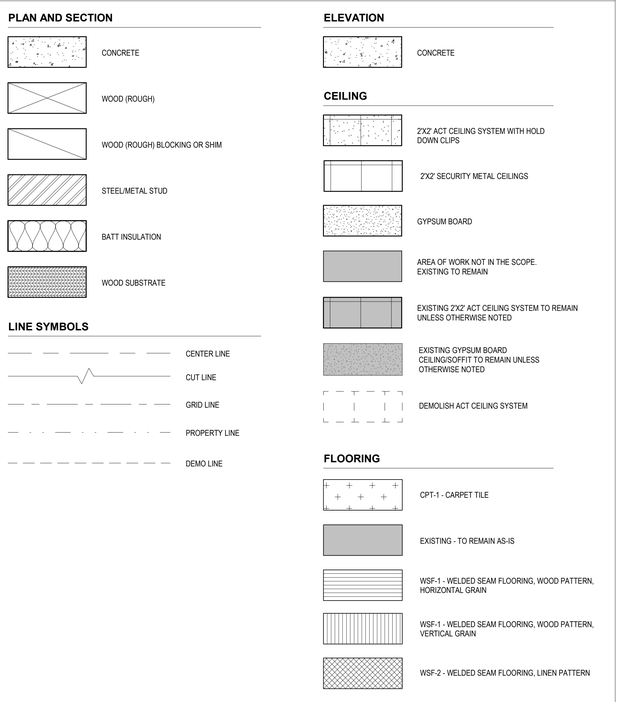
ABBREVIATIONS

#	POUND OR NUMBER
&	AND
@	AT
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ACT	ACOUSTIC CEILING TILE
AD	AREA DRAIN
AFF	ABOVE FINISH FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
ALUM	ALUMINUM
ANOD	ANODIZED
ASD	ALTERNATE STRESS DESIGN
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
BD	BOARD
BLK	BLOCK
BM	BEAM
B.O.	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BRKT	BRACKET
BSMT	BASEMENT
BLDG	BUILDING
BYND	BEYOND
CAB	CABINET
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CLG	CEILING
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
CONST JT	CONSTRUCTION JOINT
CONT	CONTINUOUS
CPT	CARPET TILE
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
DBL	DOUBLE
DEMO	DEMOLISH OR DEMOLITION
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DIR	DIRECTION
DN	DOWN
DR	DOOR
DWG	DRAWING
EA	EACH
EE	EACH END
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR OR ELEVATION
EQ	EQUAL
ES	EACH SIDE
EXIST	EXISTING
FD	FLOOR DRAIN OR FIRE DEPARTMENT
FIN	FINISH
FIXT	FIXTURE
FLR	FLOOR
F.O.	FACE OF
FT	FOOT OR FEET
GA	GAUGE
GR	GRADE
GYP	GYPSUM
HDR	HEADER
HEF	HORIZONTAL EACH FACE
HI	HIGH
HM	HOLLOW METAL
HOR	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
ICBO	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
ID	INSIDE DIAMETER
ILO	IN LIEU OF
IN	INCH
INCL	INCLUDE
INSUL	INSULATED OR INSULATION
INT	INTERIOR
JT	JOINT
K	KIP (1000 POUNDS)
LP	LOW POINT
LVL	LEVEL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURED
MIN	MINIMUM
MTL	METAL
NF	NEAR FACE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OPNG	OPENING
OZ	OUNCE
P	PAINT
PL	PLATE
PLUMB	PLUMBING
PLY	PLYWOOD
PNL	PANEL
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PT	POINT
PR	PAIR
PROP	PROPERTY
R	RADIUS
RBR	RUBBER
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RE	RIGHT END
REF	REFERENCE
REQD	REQUIRED
RET	RETURN
RM	ROOM
R.O.	ROUGH OPENING
SDI	STEEL DECK INSTITUTE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SOG	SLAB ON GRADE
SPEC	SPECIFIED OR SPECIFICATION
SPK	SPRINKLER OR SPEAKER
SQ	SQUARE
SSTL	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTURE OR STRUCTURAL
SUP	SUPPORT
SYM	SYMMETRICAL
T&B	TOP AND BOTTOM
TBD	TO BE DETERMINED
TEMP	TEMPERATURE
THK	THICK OR THICKNESS
THRD	THREADED
T.O.	TOP OF
T.O.C	TOP OF CONCRETE
T.O.F	TOP OF FRAMING
T.O.S	TOP OF STEEL/STUD
T.O.W	TOP OF WALL
TYP	TYPICAL
U/S	UNDERSIDE
UNO	UNLESS NOTED OTHERWISE
US	UNDERSIDE
VB	VAPOR BARRIER
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
WD	WOOD
WDW	WINDOW
WSF	WELDED SHEET FLOORING

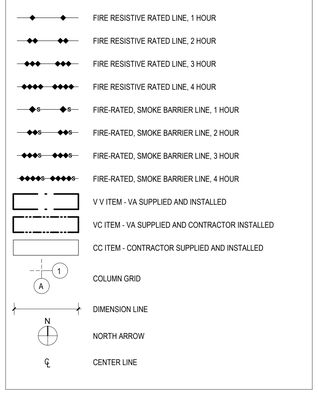
ARCHITECTURAL SYMBOLS



MATERIAL LEGEND



V.A. SYMBOLS



LEGEND NOTES

1. THESE LEGENDS ARE COMPOSED OF STANDARD SYMBOLS AND ARE PERTINENT TO THE CONDITIONS ON THIS SET OF DRAWINGS TO THE EXTENT APPLICABLE.
2. ADDITIONAL LEGENDS AND/OR OTHER LEGENDS MAY APPEAR IN THIS SET OF DRAWINGS TO INDICATE SPECIFIC CONDITIONS IN LIEU OF SYMBOLS SHOWN ON THIS SHEET.

GENERAL NOTES:

1. ALL WORK SHALL COMPLY WITH APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
2. THE CONTRACTOR SHALL PERFORM ALL TESTING AND INSPECTIONS AS SPECIFIED, OR AS NECESSARY TO DEMONSTRATE A COMPLETE AND SATISFACTORY INSTALLATION.
3. THE CONTRACTOR SHALL PROTECT EXISTING BUILDING AND MATERIALS NOTED TO REMAIN, AND SHALL BE RESPONSIBLE FOR DAMAGE TO THE SAME RESULTING FROM WORK UNDER THIS CONTRACT. THE CONTRACTOR SHALL RESTORE DAMAGED EXISTING BUILDING MATERIALS TO THEIR ORIGINAL CONDITION.
4. CONTRACTOR SHALL INSPECT SITE AND FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT/CONTRACTING OFFICER REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCIES.
5. CONTRACTOR SHALL COORDINATE ALL WORK AND SHOP DRAWINGS WITH OTHER TRADES.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL WORK. CONTRACTOR SHALL ANTICIPATE AREAS WHERE THE INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WILL BE RESTRICTED, CONGESTED, OR DIFFICULT TO INSTALL, AND SHALL COORDINATE INSTALLATION BETWEEN ALL TRADES.
7. SUB-CONTRACTOR SHALL COORDINATE LOCATIONS FOR ALL MECHANICAL AND ELECTRICAL ITEMS WITH THE GENERAL CONTRACTOR. CONTRACTOR SHALL NOTIFY ARCHITECT/CONTRACTING OFFICER REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO INSTALLATION AND/OR FABRICATION.
8. ALL ANGLES ON PLANS ARE 45- OR 90-DEGREES, UNLESS NOTED OTHERWISE. CURVED ELEMENTS ARE LOCATED AS DIMENSIONED.
9. ALL ITEMS ARE NEW UNLESS SPECIFICALLY IDENTIFIED AS EXISTING.
10. SEE LIFE SAFETY PLAN FOR LOCATIONS OF FIRE- AND SMOKE-RATED PARTITIONS.
11. INSTALL BLOCKING WITHIN PARTITIONS AS REQUIRED FOR INSTALLATION OF WALL-MOUNTED CABINETS, TOILET ACCESSORIES, WALL STOPS, AND MISCELLANEOUS ITEMS.
12. ALL CONTRACTORS WORKING WITHIN THE CONSTRUCTION LIMITS MUST PARTICIPATE IN AN HOUR LONG ORIENTATION PROVIDED BY THE COR.
13. ALL CONTRACTORS MAY BE SUBJECT TO A TOOL AND MATERIAL CHECK PRIOR TO AND IMMEDIATELY AFTER LEAVING THE CONSTRUCTION LIMITS.
14. ALL CONSTRUCTION ACTIVITIES WHICH ARE CONSIDERED BY OSHA TO BE "HOT WORK" SHALL ABIDE BY THE FARGO VA HOT WORK PERMITTING POLICY. HOT WORK MAY BE INSPECTED AT ANY TIME.
15. CONTRACTOR SHALL COORDINATE A BEHIND THE WALL INSPECTION WITH THE OWNER PRIOR TO REPLACING ANY FINISHES WHICH MAY OBSTRUCT FROM PLAIN SIGHT WORK THAT HAS BEEN COMPLETED.

SHEET INDEX

GENERAL	
G0.00	COVER SHEET
G0.01	SHEET INDEX, ABBREVIATIONS, SYMBOLS, LEGENDS AND GENERAL NOTES
G0.02	LOCATION MAP AND CONTRACTOR STAGING
G1.00	PHASING PLAN
G2.00	INFECTION CONTROL RISK ASSESSMENT
G3.00	LIFE SAFETY PLAN
ARCHITECTURAL	
AD1.00	DEMOLITION PLAN
AD1.10	DEMOLITION REFLECTED CEILING PLAN
A1.00	FLOOR PLAN
A1.10	REFLECTED CEILING PLAN
A5.00	ROOM FINISH SCHEDULE
A5.10	FLOOR AND WALL FINISH PLAN
A5.20	INTERIOR ELEVATIONS
A5.21	INTERIOR ELEVATIONS AND CASEWORK DETAILS
A5.30	WALL PROTECTION PLAN AND DETAILS
A5.40	SIGNAGE PLAN, SCHEDULE AND DETAILS
A6.00	DOOR SCHEDULE, ELEVATIONS AND DETAILS
MECHANICAL	
M0.00	GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS
MD1.01	HVAC DEMOLITION PLAN
M1.01	NEW HVAC PLAN
M2.00	MECHANICAL DETAILS AND SCHEDULES
PLUMBING	
P0.00	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
P1.01	PLUMBING REMODEL PLAN
ELECTRICAL	
E0.00	ELECTRICAL LEGENDS AND ABBREVIATIONS
E0.01	ELECTRICAL SCHEDULES
E0.02	DOOR ACCESS CONTROL DETAILS AND SEQUENCES
E0.03	ELECTRICAL DETAILS AND SCHEMATIC DIAGRAMS
E0.04	ELECTRICAL CONSTRUCTION PHASING PLAN
ED1.00	POWER DEMOLITION PLAN
ED2.00	LIGHTING DEMOLITION PLAN
ED3.00	SPECIAL SYSTEMS DEMOLITION PLAN
E1.00	POWER PLAN - NEW CONSTRUCTION
E2.00	LIGHTING PLAN - NEW CONSTRUCTION
E3.00	SPECIAL SYSTEMS PLAN - NEW CONSTRUCTION
FAD1.00	FIRE ALARM DEMOLITION PLAN
FA1.00	FIRE ALARM PLAN - NEW CONSTRUCTION
FIRE PROTECTION	
FD1.01	FIRE PROTECTION DEMOLITION PLAN
FP1.01	NEW FIRE PROTECTION PLAN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT — JAMES W. LUSEBRINK — SOUTH DAKOTA — 7.17.24

ARCHITECT/ENGINEER OF RECORD

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4F PROJECT NUMBER: 19.2481.A22

Drawing Title: SHEET INDEX, ABBREVIATIONS, SYMBOLS, LEGENDS AND GENERAL NOTES

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102

Date: 7/17/2024 | Checked: JL | Drawn: KZ

Project Number: 437-23-103

Building Number: 9

Drawing Number: G0.01

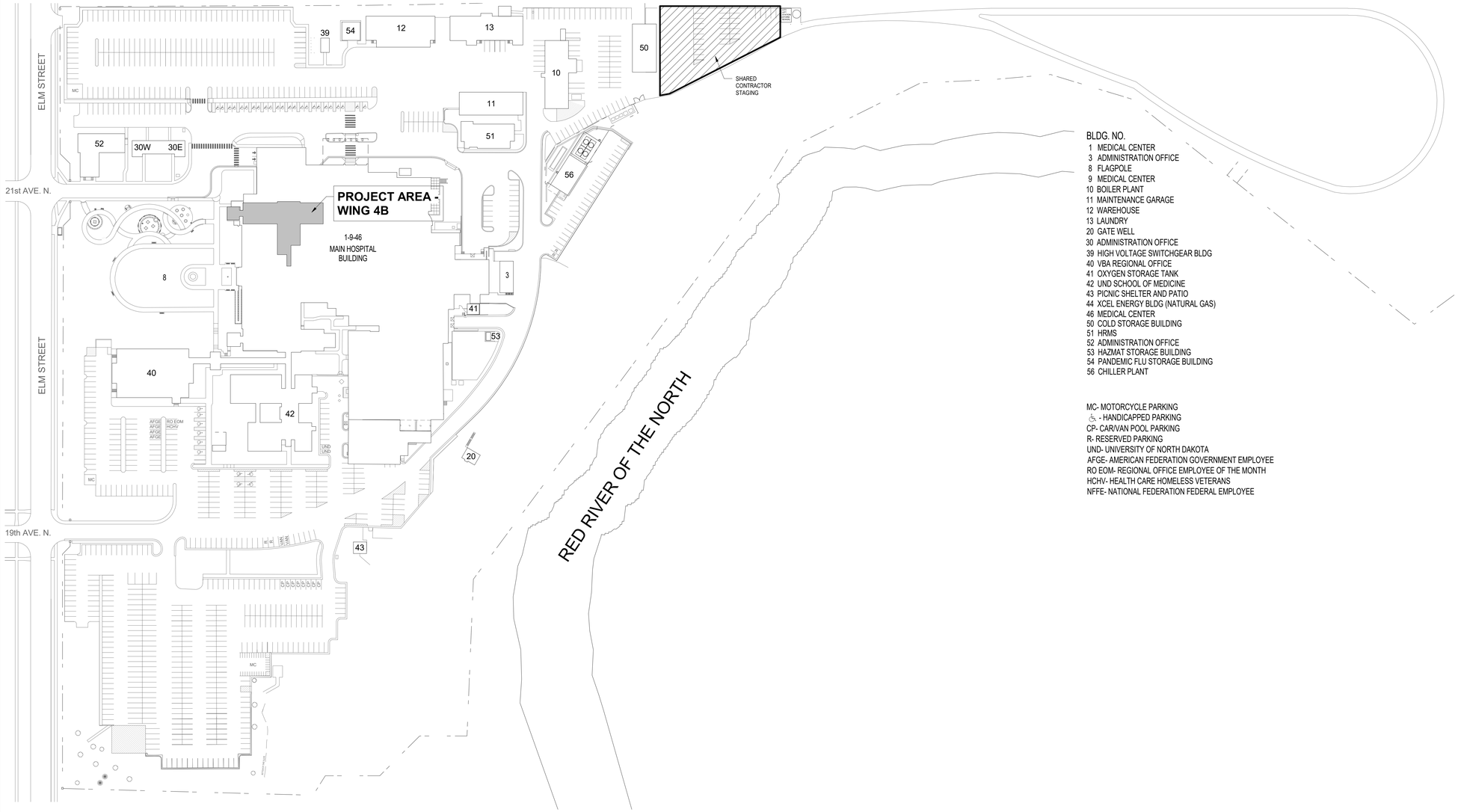
Dwg. 2 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

7/15/2024 8:12:46 PM

VA FORM 08-6231



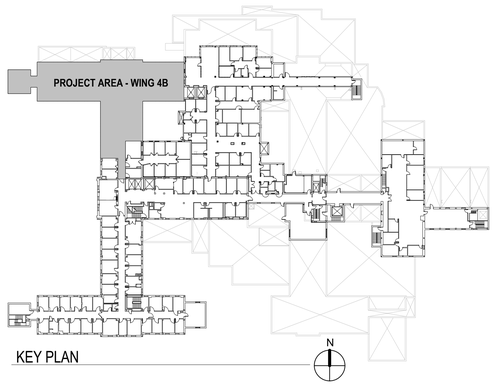
1 LOCATION MAP

BLDG. NO.
1 MEDICAL CENTER
3 ADMINISTRATION OFFICE
8 FLAGPOLE
9 MEDICAL CENTER
10 BOILER PLANT
11 MAINTENANCE GARAGE
12 WAREHOUSE
13 LAUNDRY
20 GATE WELL
30 ADMINISTRATION OFFICE
39 HIGH VOLTAGE SWITCHGEAR BLDG
40 VBA REGIONAL OFFICE
41 OXYGEN STORAGE TANK
42 UND SCHOOL OF MEDICINE
43 PICNIC SHELTER AND PATIO
44 XCEL ENERGY BLDG (NATURAL GAS)
46 MEDICAL CENTER
50 COLD STORAGE BUILDING
51 HRMS
52 ADMINISTRATION OFFICE
53 HAZMAT STORAGE BUILDING
54 PANDEMIC FLU STORAGE BUILDING
56 CHILLER PLANT

MC- MOTORCYCLE PARKING
♿ - HANDICAPPED PARKING
CP- CARVAN POOL PARKING
R- RESERVED PARKING
UND- UNIVERSITY OF NORTH DAKOTA
AFGE- AMERICAN FEDERATION GOVERNMENT EMPLOYEE
RO EOM- REGIONAL OFFICE EMPLOYEE OF THE MONTH
HCHV- HEALTH CARE HOMELESS VETERANS
NFFE- NATIONAL FEDERATION FEDERAL EMPLOYEE

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.



KEY PLAN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

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SOUTH DAKOTA
7.17.24

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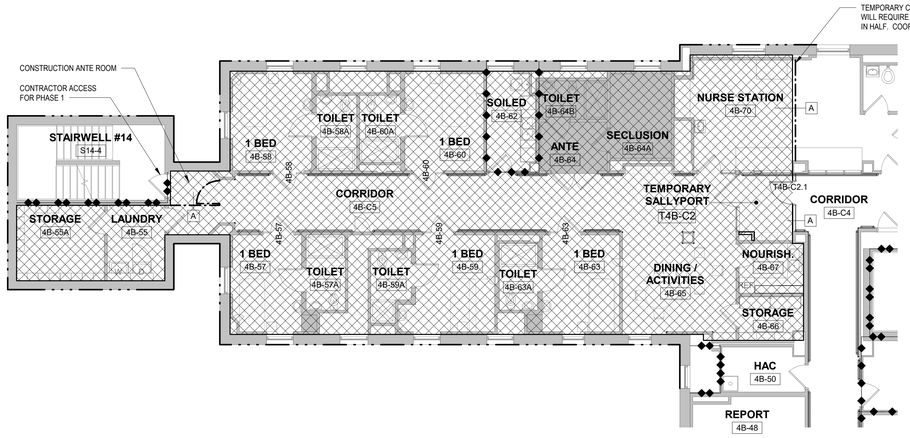
4F PROJECT NUMBER: 19.2481.A22

Drawing Title: LOCATION MAP AND CONTRACTOR STAGING
Approved: Project Director
Project Title: UPDATE WING 4B
Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date: 7/17/2024 | Checked: JL | Drawn: KZ
Project Number: 437-23-103
Building Number: 9
Drawing Number: G0.02
Dwg. 3 of 39

Office of Construction and Facilities Management
Department of Veterans Affairs

7/15/2024 8:12:47 PM
VA FORM 08-6231



1 ENLARGED PLAN - WING 4B - PHASE 1

1/8" = 1'-0"

SECURITY NOTE: ALL CONTRACTOR STAFF IS REQUIRED TO CHECK IN AND OUT WITH THE CHARGE NURSE DAILY AND ENTER AND EXIT THROUGH THE MAIN CORRIDOR SALLY PORT. CONTRACTOR WILL ALSO BE REQUIRED TO PROVIDE AN ONGOING INVENTORY OF ALL MATERIALS AND EQUIPMENT BROUGHT INTO AND OUT OF THE CONSTRUCTION ZONE. THIS INVENTORY CONTROL WILL BE REQUIRED TO BE IN WRITTEN FORM AND GIVEN TO THE CHARGE NURSE IN ORDER TO MAINTAIN CONSISTENT VIGILANT INVENTORY OF **ANY** ITEM USED FOR THE PURPOSES OF THIS PROJECT.

PHASING LEGEND:

- PHASE 1
- PHASE 2
- PHASE 3

SHEET LEGEND:

- LIMITS OF PROJECT/CONSTRUCTION UNDER THIS CONTRACT
- AREA OF WORK NOT IN THE SCOPE. EXISTING TO REMAIN

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

WALL RATING LEGEND:

- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER

TEMP. CONSTRUCTION BARRIER:

- 1HR TEMPORARY CONSTRUCTION PARTITION - WALL TYPE A. SECURE WALL TO FLOOR AND SURFACES THAT MEETS FIRE RATED ASSEMBLY REQUIREMENTS AND FIRE TAPED AND SEALED. CONTRACTOR SHALL NOT DRILL ANY HOLES INTO FLOOR TO SECURE TEMPORARY CONSTRUCTION PARTITIONS. SEE SHEET G2.00 FOR WALL TYPE A.

PHASING NOTES:

1. THE CONTRACTOR SHALL ACCOMPLISH THE WORK FOR EACH PHASE WITH MINIMAL INTERRUPTIONS AND AGITATION OF PATIENTS. IF PATIENTS BECOME AGITATED, WORK WILL BE SUSPENDED AND MAY START AGAIN WITH APPROVAL OF THE CO,CS, COR OR THE NURSE MANAGER.
2. THE GENERAL CONTRACTOR SHALL OBTAIN THE ICRA AND ILSM FORMS FROM THE VA SAFETY FOR EACH WORK AREA AND/OR PHASE OF WORK.
3. THE PROVIDED PHASING PLAN AND NOTES ARE GENERAL IN NATURE BUT REFLECT THE VA REQUIREMENTS FOR THE PROJECT. THE GENERAL CONTRACTOR SHALL PROVIDE THE FINAL PHASING PLAN AND CPM SCHEDULE. PROCURE THE VA'S AGREEMENT OF THOSE PLANS, AND BE RESPONSIBLE FOR RECOGNIZING AND SCHEDULING ALL ASPECTS OF THE WORK WITH THE VA. ALL PHASES SHALL BE APPROVED BY THE VACOR BEFORE COMMENCEMENT OF WORK AND BE UPDATED AS WORK PROCEEDS. THE VA MUST BE NOTIFIED IN WRITING OF ANY UNFORESEEN DELAYS.
4. THE MEDICAL CENTER MUST MAINTAIN ITS OPERATION 24 HOURS A DAY 7 DAYS A WEEK. THEREFORE, ANY INTERRUPTION IN SERVICE MUST BE SCHEDULED AND COORDINATED WITH THE COR TO ENSURE THAT NO LAPSES IN OPERATION OCCUR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP A WORK PLAN AND SCHEDULE DETAILING, AT A MINIMUM, THE PROCEDURES TO BE EMPLOYED, THE EQUIPMENT AND MATERIALS TO BE USED, THE INTERIM LIFE SAFETY MEASURE TO BE USED DURING THE WORK, AND A SCHEDULE DEFINING THE DURATION OF THE WORK WITH MILESTONE SUBTASKS. THE WORK TO BE OUTLINED SHALL BE COORDINATED WITH VA COR TO PROTECT PATIENT SAFETY FOR ALL PHASES OF WORK.
5. CONTRACTOR SHALL FURNISH THE COR WITH A SCHEDULE OF APPROXIMATE PHASING DATES ON WHICH THE CONTRACTOR INTENDS TO ACCOMPLISH WORK IN EACH SPECIFIC AREA OF THE BUILDING OR PORTION THEREOF. THE VA WILL REVIEW THE PROJECT WORK DATES FOR APPROVAL AND NOTICE OF WORK. IF PROPOSED DATES DO NOT WORK, THE VA SHALL PROVIDE DATES FOR ACCOMPLISHMENT OF WORK IN SPECIFIC AREA OF THE PROJECT. IN ADDITION, THE CONTRACTOR SHALL NOTIFY THE COR TWO WEEKS IN ADVANCE OF COMPLETION OF WORK IN SPECIFIC AREA OR PHASE.
6. CONTRACTOR'S SCHEDULE HAS TO INCLUDE VA MOVE TIME.
7. THE PROJECT DURATION HAS 90 DAYS INCLUDED IN THE BEGINNING OF THE JOB FOR THE GENERAL CONTRACTOR AND SUBCONTRACTORS TO COORDINATE WITH THE VA FOR ID BADGES. BACKGROUND CHECKS, ETC. WILL NEED TO BE COMPLETED FOR ID BADGING. NO CONTRACTOR SHALL BE ABLE TO BE ON A JOB SITE WITHOUT THE OFFICIAL ID BADGE. TRAINING IS REQUIRED FOR ALL CONTRACTORS WHO WISH TO ACCESS THE SITE.
8. REMODEL WING 4B – PHASING SCHEDULE STANDARD WORK HOURS FOR THE FARGO VA MEDICAL CENTER ARE MONDAY–FRIDAY, 8:00 A.M. TO 4:00 P.M. AFTER HOURS WORK MAY BE REQUIRED BY THE CONTRACTOR PENDING NOISE, VIBRATION OR OTHER CONSTRUCTION IMPACTS THAT WOULD LIMIT CARE TO PATIENTS.
9. ANY CONTRACTOR WORKING ON SITE SHALL CHECK IN AND OUT OF WING 4B WITH THE CHARGE NURSE AND WILL CREATE AN INVENTORY SHEET FOR ANYTHING BROUGHT ONTO WING 4B. CONTRACTORS SHALL ONLY BRING WHAT IS ACTUALLY NEEDED SINCE EACH ITEM NEEDS TO BE ACCOUNTED FOR WHETHER INSTALLED BY CONTRACTOR OR BEING TAKEN OFF THE SITE WHEN WORK IS DONE. THE INVENTORY SHEET SHALL BE CHECKED AGAINST THE INVENTORY SHEET GENERATED WHEN THE CONTRACTOR ENTERED THE SITE. EVERYTHING SHALL BE ACCOUNTED FOR BEING BROUGHT OFF SITE OR INSTALLED DOWN TO INDIVIDUAL SCREWS.
10. IF THE GENERAL CONTRACTOR NEEDS TO ACCESS ANY AREA OUTSIDE OF THE PHASE WHERE THE STAIRWELL CANNOT BE ACCESSED TO THE PHASE AND NEEDS TO BE IN AN AREA WHERE PATIENTS ARE PRESENT, FOR THESE SITUATIONS THE CONTRACTOR WILL NEED TO ACCESS THROUGH THE MAIN SALLY PORT DOORS OF WING 4B AND SHALL GO THROUGH ALL THE PROCEDURES, CHECKS, TRAINING, AND INVENTORY SHEETS TO ACCESS WORK.
11. CONTRACTOR SHALL NOT DRILL ANY HOLES INTO FLOOR TO SECURE TEMPORARY CONSTRUCTION PARTITIONS.

PRE-CONSTRUCTION PHASING ACTIVITIES:

- IT IS THE INTENT THAT THE MENTAL HEALTH DEPARTMENT SHALL STAY OPERATIONAL DURING THE COURSE OF THIS CONSTRUCTION PROJECT. ESTABLISH CONTRACTOR STAGING AREA IN COORDINATION WITH THE COR ON STATION.
- SUBMIT PROJECT SCHEDULE TO THE COR. IDENTIFY ALL TRADES THAT WILL BE NECESSARY TO COMPLETE DEMOLITION EFFICIENTLY AND CONCURRENTLY.
- INSTALL TEMPORARY ONE-HOUR FIRE RATED CONSTRUCTION BARRIERS TO SEPARATE AREAS OF CONSTRUCTION ACTIVITY FROM ADJACENT AREAS OF THE LOCKED WARD THAT WILL REMAIN OCCUPIED AND OPERATIONAL.
- ALL TEMPORARY CONSTRUCTION PARTITIONS AND DOOR HARDWARE TO BE LIGATURE RESISTANT. PICK PROOF, AND DAMAGE RESISTANT ON THE PATIENT SIDE OF TEMPORARY PARTITION. THE VA SHALL INSPECT AND APPROVE TEMPORARY PARTITIONS PRIOR TO CONSTRUCTION WORK STARTING IN EACH AREA OR PHASE OF WORK.
- INSTALL HEPA FILTERS AND SEAL PROJECT BOUNDARY TO ENSURE NEGATIVE AIR PRESSURE AS PER INFECTION CONTROL REQUIREMENTS. OBTAIN FROM THE VA A PRE-CONSTRUCTION RISK ASSESSMENT AS PER VA REQUIREMENTS.
- PROTECT ALL ITEMS AND EQUIPMENT NOTED TO REMAIN AS NECESSARY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE EXISTING CONDITION AND REPAIR ANY DAMAGE TO PRE-CONSTRUCTION CONDITION PRIOR TO PROJECT COMPLETION.

PHASE 1

- THE GENERAL CONTRACTOR SHALL USE STAIRWELL #14 FOR ENTERING AND LEAVING THE PROJECT WORK AREA FOR PHASE 1. THIS INCLUDES REMOVING DEMOLITION MATERIALS AND TRANSPORTING NEW MATERIALS TO THE PHASE 1 WORK AREA.
- CONSTRUCT TEMPORARY SALLY PORT WITH ALL ELECTRICAL AND SECURITY MEASURES AND HARDWARE. COODINATE WITH FARGO VA.
- AT THE NURSE STATION, THE CONTRACTOR SHALL WORK WITH THE VA COR TO DETERMINE WORK AREA SIZE AND LOCATION OF THE CONSTRUCTION BARRIER.
- PERFORM DEMOLITION WORK IDENTIFIED IN PHASE 1.
- TURN OVER ITEMS NOTED TO BE SALVAGED TO THE OWNER TO A LOCATION DESIGNATED BY THE COR (ON-SITE). IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO RELOCATE SALVAGED ITEMS AND TO PREVENT DAMAGE TO THEIR PRE-CONSTRUCTION CONDITION.
- REMOVE ALL MECHANICAL AND ELECTRICAL SYSTEMS NOTED FOR DEMOLITION.
- PERFORM DEMOLITION OF AREAS WITHIN PHASING AREA IN OCCUPIED WORK AREA. COORDINATE TIME OF DEMOLITION WITH THE COR.
- CLEAN AND REPAIR EXISTING CONCRETE SLAB FOR FUTURE INSTALLATION OF FINISH FLOORING SEALANT.
- INSTALL NEW ITEMS AS SHOWN IN THE CONSTRUCTION DOCUMENTS.
- COORDINATE THE INSTALLATION OF OWNER PROVIDED CONTRACTOR INSTALLED ITEMS INDICATED IN THE DOCUMENTS
- COMPLETE FINISH AND REMOVE TEMPORARY PARTITIONS. REPAIR EXISTING AS NECESSARY.
- TURN THE NEWLY REMODELED SPACE OVER TO THE WING 4B.

PHASE 2

- THE GENERAL CONTRACTOR SHALL USE STAIRWELL #15 FOR ENTERING AND LEAVING THE PROJECT WORK AREA FOR PHASE 2. THIS INCLUDES REMOVING DEMOLITION MATERIALS AND TRANSPORTING NEW MATERIALS TO THE PHASE 2 WORK AREA.
- AT THE NURSE STATION, THE CONTRACTOR SHALL WORK WITH THE VA COR TO DETERMINE WORK AREA SIZE AND LOCATION OF THE CONSTRUCTION BARRIER.
- PERFORM DEMOLITION WORK IDENTIFIED IN PHASE 2.
- TURN OVER ITEMS NOTED TO BE SALVAGED TO THE OWNER TO A LOCATION DESIGNATED BY THE COR (ON-SITE).
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO RELOCATE SALVAGED ITEMS AND TO PREVENT DAMAGE TO THEIR PRE-CONSTRUCTION CONDITION.
- REMOVE ALL MECHANICAL AND ELECTRICAL SYSTEMS NOTED FOR DEMOLITION.
- PERFORM DEMOLITION OF AREAS OUTSIDE OF PHASING AREA IN OCCUPIED WORK AREA. COORDINATE TIME OF DEMOLITION WITH COR.
- CLEAN AND REPAIR EXISTING CONCRETE SLAB FOR FUTURE INSTALLATION OF FINISH FLOORING SEALANT.
- INSTALL NEW ITEMS AS SHOWN IN THE CONSTRUCTION DOCUMENTS.
- COORDINATE THE INSTALLATION OF OWNER PROVIDED CONTRACTOR INSTALLED ITEMS INDICATED IN THE DOCUMENTS.
- COMPLETE FINISHES AND REMOVE TEMPORARY PARTITIONS. REPAIR EXISTING AS NECESSARY.
- COMPLETE DEMO AND FINISHES INSTALLATION IN CORRIDOR 4B-C1 OUTSIDE OF LOCKED WARD SALLY PORT AT THE END OF PHASE 2.
- REMOVE TEMPORARY SALLY PORT AT THE END OF PHASE 2.
- TURN THE NEWLY REMODELED SPACE OVER TO THE FARGO VA WING 4B.

PHASE 3

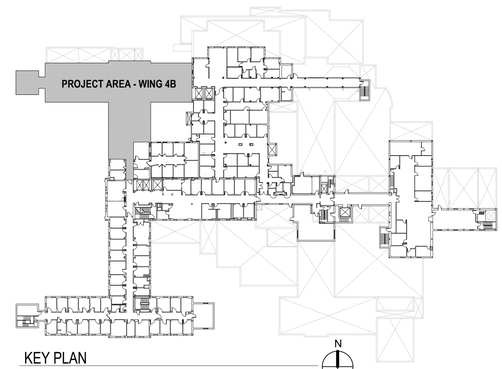
- THE GENERAL CONTRACTOR SHALL USE STAIRWELL #14 FOR ENTERING AND LEAVING THE PROJECT WORK AREA FOR PHASE 3. THIS INCLUDES REMOVING DEMOLITION MATERIALS AND TRANSPORTING NEW MATERIALS TO THE PHASE 3 WORK AREA.
- PERFORM DEMOLITION WORK IDENTIFIED IN PHASE 3.
- TURN OVER ITEMS NOTED TO BE SALVAGED TO THE OWNER TO A LOCATION DESIGNATED BY THE COR (ON-SITE).
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO RELOCATE SALVAGED ITEMS AND TO PREVENT DAMAGE TO THEIR PRE-CONSTRUCTION CONDITION.
- REMOVE ALL MECHANICAL AND ELECTRICAL SYSTEMS NOTED FOR DEMOLITION.
- PERFORM DEMOLITION OF AREAS OUTSIDE OF PHASING AREA IN OCCUPIED WORK AREA. COORDINATE TIME OF DEMOLITION WITH COR.
- CLEAN AND REPAIR EXISTING CONCRETE SLAB FOR FUTURE INSTALLATION OF FINISH FLOORING SEALANT.
- INSTALL NEW ITEMS AS SHOWN IN THE CONSTRUCTION DOCUMENTS.
- COORDINATE THE INSTALLATION OF OWNER PROVIDED CONTRACTOR INSTALLED ITEMS INDICATED IN THE DOCUMENTS.
- COMPLETE FINISHES AND REMOVE TEMPORARY PARTITIONS. REPAIR EXISTING AS NECESSARY.
- COMPLETE DEMO AND FINISHES INSTALLATION IN CORRIDOR 4B-C1 OUTSIDE OF LOCKED WARD SALLY PORT AT THE END OF PHASE 3.
- TURN THE NEWLY REMODELED SPACE OVER TO THE FARGO VA WING 4B.

2 PHASING PLAN - WING 4B - PHASE 3

1/8" = 1'-0"

3 ENLARGED PLAN - WING 4B - PHASE 2

1/8" = 1'-0"



KEY PLAN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

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4F PROJECT NUMBER: 19.2481.A22

Drawing Title	PHASING PLAN
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date	7/17/2024
Checked	JL
Drawn	KZ
Project Number	437-23-103
Building Number	9
Drawing Number	G1.00
Dwg.	4 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

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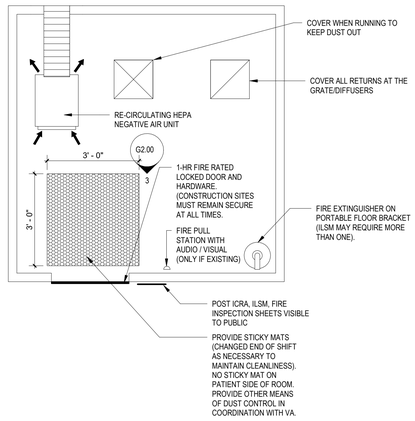
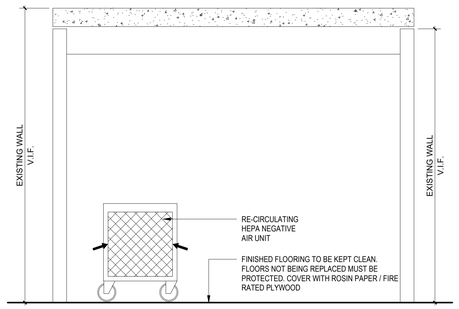
VA FORM 08-6231



* ALL TEMPORARY CONSTRUCTION PARTITIONS AND DOOR HARDWARE TO BE LIGATURE RESISTANT, PICK RESISTANT, AND DAMAGE RESISTANT ON THE PATIENT SIDE OF TEMPORARY PARTITION. THE VA SHALL INSPECT AND APPROVE TEMPORARY PARTITIONS PRIOR TO CONSTRUCTION WORK STARTING IN EACH AREA OR PHASE OF WORK.

1 TYPICAL CONSTRUCTION PLAN LAYOUT

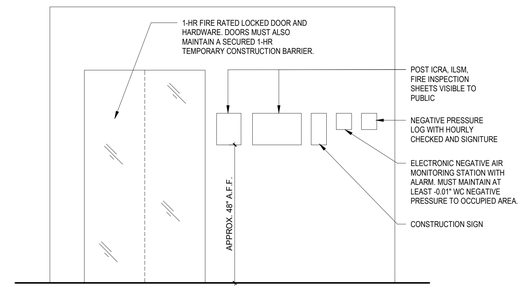
1/2" = 1'-0"



* ALL TEMPORARY CONSTRUCTION PARTITIONS AND DOOR HARDWARE TO BE LIGATURE RESISTANT, PICK RESISTANT, AND DAMAGE RESISTANT ON THE PATIENT SIDE OF TEMPORARY PARTITION. THE VA SHALL INSPECT AND APPROVE TEMPORARY PARTITIONS PRIOR TO CONSTRUCTION WORK STARTING IN EACH AREA OR PHASE OF WORK.

2 CROSS SECTION 'A'

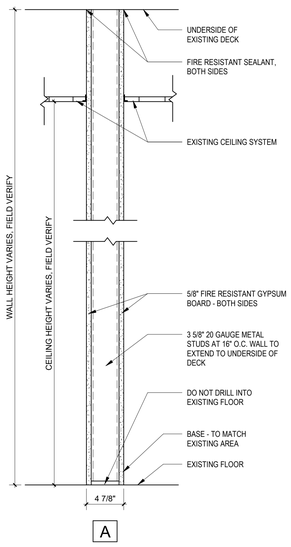
1/2" = 1'-0"



* ALL TEMPORARY CONSTRUCTION PARTITIONS AND DOOR HARDWARE TO BE LIGATURE RESISTANT, PICK RESISTANT, AND DAMAGE RESISTANT ON THE PATIENT SIDE OF TEMPORARY PARTITION. THE VA SHALL INSPECT AND APPROVE TEMPORARY PARTITIONS PRIOR TO CONSTRUCTION WORK STARTING IN EACH AREA OR PHASE OF WORK. ALL MONITORS, CONSTRUCTION SIGNS, LOG SHEETS, AND INSPECTION SHEET SHALL BE PLACED ON THE INSIDE OF TEMPORARY WALL/ROOM AWAY FROM PATIENTS.

3 INTERIOR ELEVATION

1/2" = 1'-0"



** ALL TEMPORARY CONSTRUCTION PARTITIONS AND DOOR HARDWARE TO BE LIGATURE RESISTANT, PICK RESISTANT, AND DAMAGE RESISTANT ON THE PATIENT SIDE OF TEMPORARY PARTITION. THE VA SHALL INSPECT AND APPROVE TEMPORARY PARTITIONS PRIOR TO CONSTRUCTION WORK STARTING IN EACH OF PHASE OF WORK.

4 1-HR TEMPORARY WALL TYPES

GENERAL NOTES:

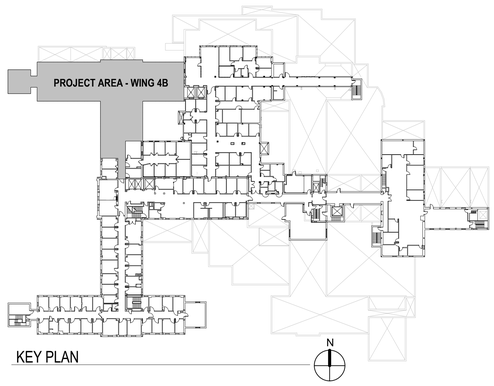
1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

1. SEE SHEET G-100 FOR PHASING PLANS AND DESCRIPTIONS.
2. SEE PHASING PLANS FOR TEMPORARY CONSTRUCTION BARRIER LOCATIONS AS IT RELATES TO ICRA.
3. WORK REQUIRED BY INFECTION CONTROL SHALL BE PERFORMED FOR EACH PHASE OF THE PROJECT.
4. ALL APPLICABLE PERMITS AND COR APPROVALS SHALL BE COMPLETED PRIOR TO BEGINNING ANY WORK FOR EACH PHASE. PERMITS INCLUDE ICRA, INTERIM LIFE SAFETY MEASURES, ABOVE CEILING FIRE / SMOKE WALL, UTILITY, FIRE ALARM SYSTEM, MEDICAL GASES AND CONFINED SPACES.
5. THE GENERAL CONTRACTOR SHALL OBTAIN THE ICRA,ISLM, PCRA FORMS PRIOR TO WORK STARTING FROM THE COR AND VA SAFETY FOR EACH WORK AREA AND/OR PHASE OF WORK. SEE SPECIFICATIONS FOR ICRA AND PCRA EXAMPLE BLANK FORMS.
6. REFER TO SHEET G2.00 FOR ICRA TEMPORARY WALLS A AND B.

INFECTION CONTROL NOTES - CLASS IV CONSTRUCTION:

1. THE ONE-HOUR FIRE-RATED CONSTRUCTION BARRIERS SHALL BE CONSTRUCTED PRIOR TO BEGINNING OTHER WORK.
2. ALL TEMPORARY CONSTRUCTION PARTITIONS AND DOOR HARDWARE TO BE LIGATURE RESISTANT, PICK RESISTANT, AND DAMAGE RESISTANT ON THE PATIENT SIDE OF TEMPORARY PARTITION. THE VA SHALL INSPECT AND APPROVE TEMPORARY PARTITIONS PRIOR TO CONSTRUCTION WORK STARTING IN EACH AREA OR PHASE OF WORK.
3. FIRE PROTECTION SYSTEMS SHALL REMAIN FUNCTIONAL FOR OCCUPIED AREAS OF THE FLOOR.
4. PROVIDE FIRE EXTINGUISHERS IN CONSTRUCTION AREA; REVIEW WITH COR AND VA SAFETY GROUP.
5. CONTRACTOR SHALL PROVIDE FIRE WATCH FOR ALL HOT WORK ACTIVITIES AND WHEN FIRE ALARM OR SPRINKLER SYSTEMS ARE IMPAIRED MORE THAN 4 HOURS IN A 24 HOUR PERIOD.
6. MAINTAIN NEGATIVE AIR PRESSURE IN CONSTRUCTION AREA AT ALL TIMES (24/7), WHETHER OCCUPIED OR NOT, THROUGHOUT DURATION OF PROJECT USING HEPA EQUIPPED AIR FILTRATION UNITS.
7. MAINTAIN EXIT LIGHTS IN CONSTRUCTION AREA.
8. CONSTRUCTION AREA SHALL REMAIN ISOLATED FROM THE OTHER AREAS OF THE MEDICAL CENTER; NO HVAC RETURN OR EXHAUST SHALL PASS INTO THE AREAS OUTSIDE THE CONSTRUCTION AREA.
9. REDIRECT ALL MEDICAL CENTER PERSONNEL, PATIENTS, AND VISITORS SO THEY DO NOT EXIT THROUGH THE CONSTRUCTION AREA. PROVIDE SIGNS ON DOORS INTO THE CONSTRUCTION AREA THAT READ: "CONSTRUCTION AREA -DO NOT ENTER". THIS INCLUDES ALL LIFE SAFETY DEVICES FOR TEMPORARY CHANGE TO EMERGENCY SERVICES.
10. THE CONTRACTOR SHALL MEET WITH VA SAFETY FOR EACH PHASE AREA, PRIOR TO BEGINNING WORK, TO REVIEW CORRECT EXIT SIGNAGE FOR CHANGES IF NECESSARY. IF EXIT SIGNS MUST BE MOVED OR TAKEN OUT OF SERVICE, THE EXIT SIGNS MUST BE COVERED FULLY SO AS TO NOT BE VISIBLE FROM ANY ANGLE.
11. GENERAL CONTRACTOR SHALL MAINTAIN DAILY LOGS AND KEEP A CURRENT HOT WORK PERMIT ON SITE.
12. WHERE REQUIRED, TACKY MATS SHALL BE PLACED AT ALL DOORS INTO THE CONSTRUCTION AREA AND SHALL BE MONITORED TO MAKE SURE THEY REMAIN EFFECTIVE. TACKY MATS SHALL NOT BE PROVIDED AT AREAS INSIDE PATIENT AREAS.
13. MAINTAIN A CLEAN AND ORDERLY CONSTRUCTION AREA TO PREVENT CONTAMINATION OF EXISTING DUCT SYSTEMS.
14. OBTAIN INFECTION CONTROL PERMIT FROM VA PRIOR TO BEGINNING WORK.
15. ISOLATE HVAC SYSTEM WITHIN CONSTRUCTION AREA TO PREVENT CONTAMINATION OF EXISTING DUCT SYSTEM.
16. COMPLETE ALL CRITICAL BARRIERS I.E. SHEETROCK, PLASTIC, TO SEAL AREA FROM NON WORK AREA OR IMPLEMENT CONTROL CUBE METHOD (CART WITH PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT BEFORE CONSTRUCTION BEGINS.
17. AFTER COMPLETION OF WORK AND BETWEEN PHASES; VACUUM CONSTRUCTION AREA WITH HEPA FILTERED VACUUMS, WET MOP WITH DISINFECTANT, REMOVE CONSTRUCTION BARRIERS (UPON APPROVAL), PATCH OR REPAIR ANY DAMAGE FROM CONSTRUCTION BARRIER REMOVAL, AND REMOVE ISOLATION OF HVAC SYSTEM. UPON COMPLETION, RESTORE HVAC SYSTEM WHERE WORK WAS PERFORMED.
18. SEAL ALL HOLES, PUNCTURES, AND PENETRATIONS FROM PIPES AND/OR CONDUITS APPROPRIATELY AND IMMEDIATELY TO MAINTAIN FIRE RATING DUST PROTECTION AND NEGATIVE AIR PRESSURE.
19. CONSTRUCT ANTEROOM AT ENTRANCES TO CONSTRUCTION AREAS AND REQUIRE ALL CONSTRUCTION PERSONNEL TO PASS THROUGH THIS ROOM TO BE VACUUMED WITH A HEPA VACUUM CLEANER PRIOR TO LEAVING THE SITE OR THEY CAN WEAR CLOTH OR PAPER COVERALLS THAT ARE REMOVED EACH TIME THEY LEAVE WORK SITE (VA DOES NOT PROVIDE).
    A. CONSTRUCTION WORKERS WILL NOT BE ENTERING ANY OCCUPIED VA SPACES.
    B. DIRECT ACCESS TO OUT THROUGH ANTEROOM (EXIT/ENTRANCE)
20. CONSTRUCTION BARRIERS SHALL NOT BE REMOVED UNTIL PROJECT IS COMPLETED AND INSPECTION BY VA SAFETY PERSONNEL, INFECTION CONTROL GROUP, AND COR.
21. REMOVE BARRIERS MATERIAL CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.
22. FOLLOW FARGO VA FACE MASK POLICY.



KEY PLAN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT — JAMES W. CUSTIS — SOUTH DAKOTA — 7.17.24

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FOUR FRONT DESIGN INC.

4F PROJECT NUMBER: 19.2481.A22

Drawing Title: INFECTION CONTROL RISK ASSESSMENT	Project Title: UPDATE WING 4B	Project Number: 437-23-103	Office of Construction and Facilities Management
Approved: Project Director	Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102	Building Number: 9	
	Date: 7/17/2024 / Checked: JL / Drawn: KZ	Drawing Number: G2.00	Department of Veterans Affairs
		Dwg. 5 of 39	

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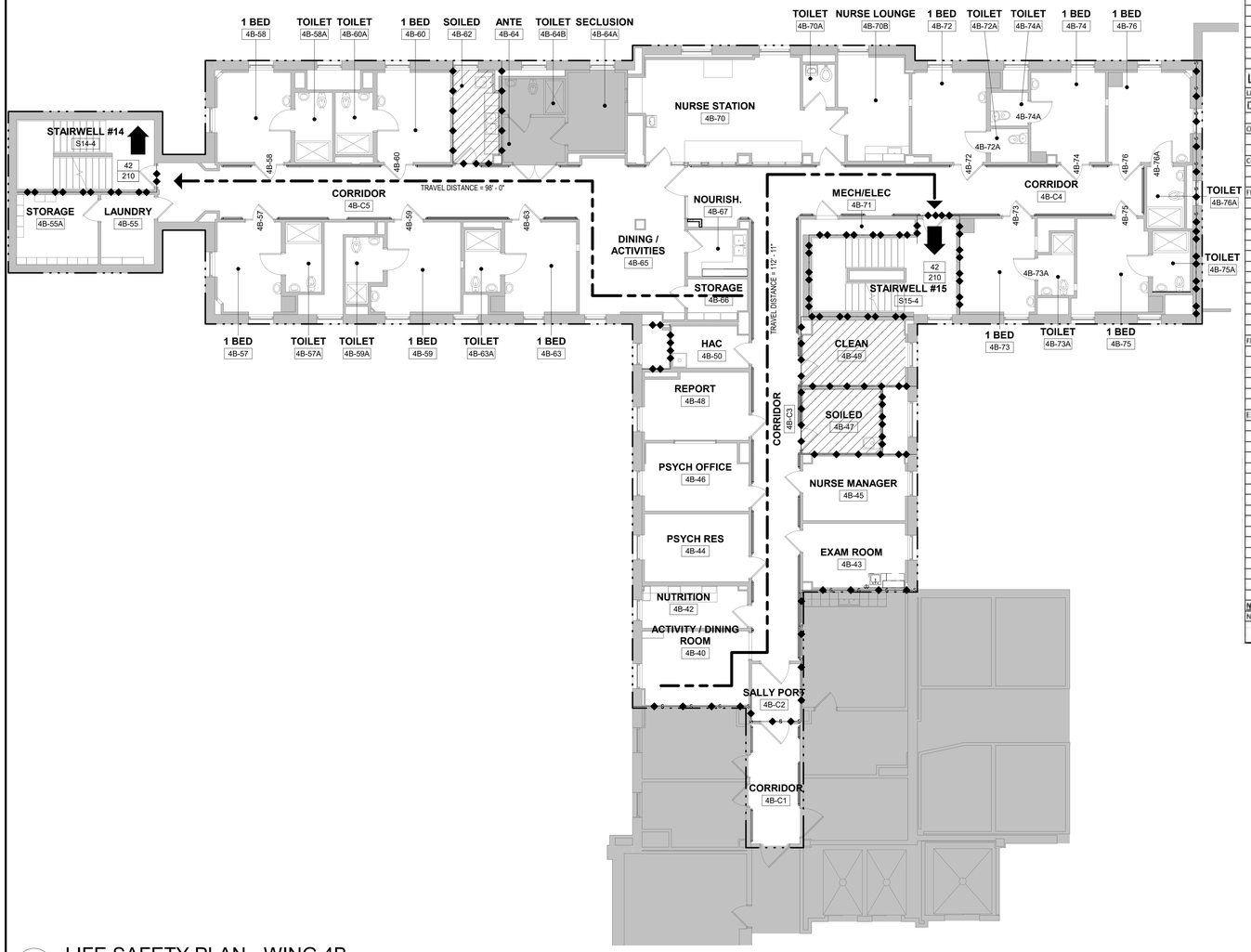


1 LIFE SAFETY PLAN - WING 4B

1/8" = 1'-0"

N

CODE ANALYSIS

GOVERNING CODES AND STANDARDS

	VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS
	NFPA 10 PORTABLE FIRE EXTINGUISHERS, 2022
	NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS, 2022
	NFPA 70 NATIONAL ELECTRICAL CODE (NEC) 2023
	NFPA 72 NATIONAL FIRE ALARM CODE, 2022
	NFPA 80 STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES, 2022
	NFPA FIRE CODES, WITH EXCEPTION OF NFPA 5000 & NFPA 900
	NFPA 101 LIFE SAFETY CODE 2024
	NFPA 220 STANDARD ON TYPES OF BUILDING CONSTRUCTION 2024
	DEPARTMENT OF VETERAN AFFAIRS FIRE PROTECTION DESIGN MANUAL 2023
	VETERANS ADMINISTRATION ELECTRICAL DESIGN MANUAL 2019
	OTHER GUIDELINES AS NOTED IN THE PROJECT REPORT AND THE VA TIL WEBSITE

LIFE SAFETY BUILDING REVIEW

LIFE SAFETY REVIEW BASED ON NFPA 101 2021

DESCRIPTION		RESULT	NFPA SECTION / TITLE
OCCUPANCY		HEALTHCARE	CHAPTER 18
	HEALTHCARE OCCUPANCY - NO CHANGE	-	-
	BUSINESS OCCUPANCY - NO CHANGE	-	-
CONSTRUCTION TYPE		-	-
		II(000)	TYPE II (000)
FIRE RESISTIVE REQUIREMENTS			
	STRUCTURAL FRAME		
	INCLUDING COLUMNS, GIRDERS & TRUSSES	0 HR	NFPA 220 TABLE 4.1.1
	BEARING WALLS		
	EXTERIOR	0 HR	NFPA 220 TABLE 4.1.1
	INTERIOR	0 HR	NFPA 220 TABLE 4.1.1
	NONBEARING WALLS & PARTITIONS		
	EXTERIOR	0 HR	NFPA 220 TABLE 4.1.1
	INTERIOR	0 HR	NFPA 220 TABLE 4.1.1
	FLOOR CONSTRUCTION		
	INCLUDING SUPPORTING BEAMS & JOISTS	0 HR	NFPA 220 TABLE 4.1.1
	ROOF CONSTRUCTION		
	INCLUDING SUPPORTING BEAMS & JOISTS	0 HR	NFPA 220 TABLE 4.1.1
FIRE DETECTION AND PREVENTION			
	AUTOMATIC SPRINKLERS	SPRINKLED	SPRINKLERED
	FIRE ALARM SYSTEM	INCLUDE	INCLUDE
	FIRE EXTINGUISHERS	NOT APPLICABLE	NOT APPLICABLE
EXITING REQUIREMENTS			
	OCCUPANT LOAD - INPATIENT TREATMENT	240 SF / PERSON	NFPA TABLE 7.3.1.2
	EGRESS WIDTH	48"	18.2.3.4: 48" MIN. ALSO SECT. 7.3.
	CORRIDORS	48" MIN	18.3.3.2: 48" MIN. ALSO SECT. 7.3.
	EXITING STAIRWAYS	PROVIDED	NFPA 101 7.2.2
	OTHER EGRESS COMPONENTS	-	-
	EGRESS DOORS	36" DOORS EXCEED MINIMUM REQUIREMENT	2" PER / OCC PER TABLE 7.3.3.1
	EXITING ACCESS TRAVEL DISTANCE	200 FEET	200' PER 18.2.5.7.2.4 (2) SPRINKLERED
	COMMON PATH OF TRAVEL	100 FEET	100' PER 18.2.5.2 SPRINKLERED
	DEAD END CORRIDOR	20 FEET	30' PER 18.2.5.3
			EGRESS DOORS NFPA 7.2.1.4.3 DOOR ENCROACHMENT

NFPA 101:

N/A

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET LEGEND:

LIMITS OF PROJECT/CONSTRUCTION UNDER THIS CONTRACT

AREA OF WORK NOT IN THE SCOPE. EXISTING TO REMAIN

LIFE SAFETY SYMBOLS:

EXIT DOOR TAG

0	PROVIDED CLEAR DOOR WIDTH (INCHES)
0	MAX OCCUPANT LOAD CAPACITY (NO. OF PEOPLE)

LINE TYPES FOR MEANS OF EGRESS:

TRAVEL DISTANCE — TD # →

EXIT DISCHARGE

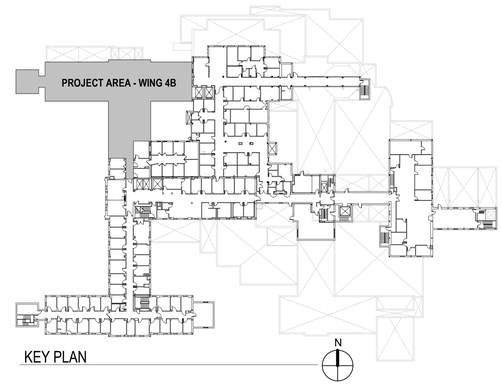
WALL RATING LEGEND:

1 HOUR FIRE BARRIER

1 HOUR SMOKE BARRIER

2 HOUR FIRE BARRIER

SMOKE RESISTIVE HAZARDOUS ROOM ENCLOSURE



KEY PLAN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

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JAMES W. LUSCOMBE
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4F PROJECT NUMBER: 19.2481.A22

Drawing Title	LIFE SAFETY PLAN
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date	7/17/2024
Checked	JL
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Office of Construction and Facilities Management

Department of Veterans Affairs

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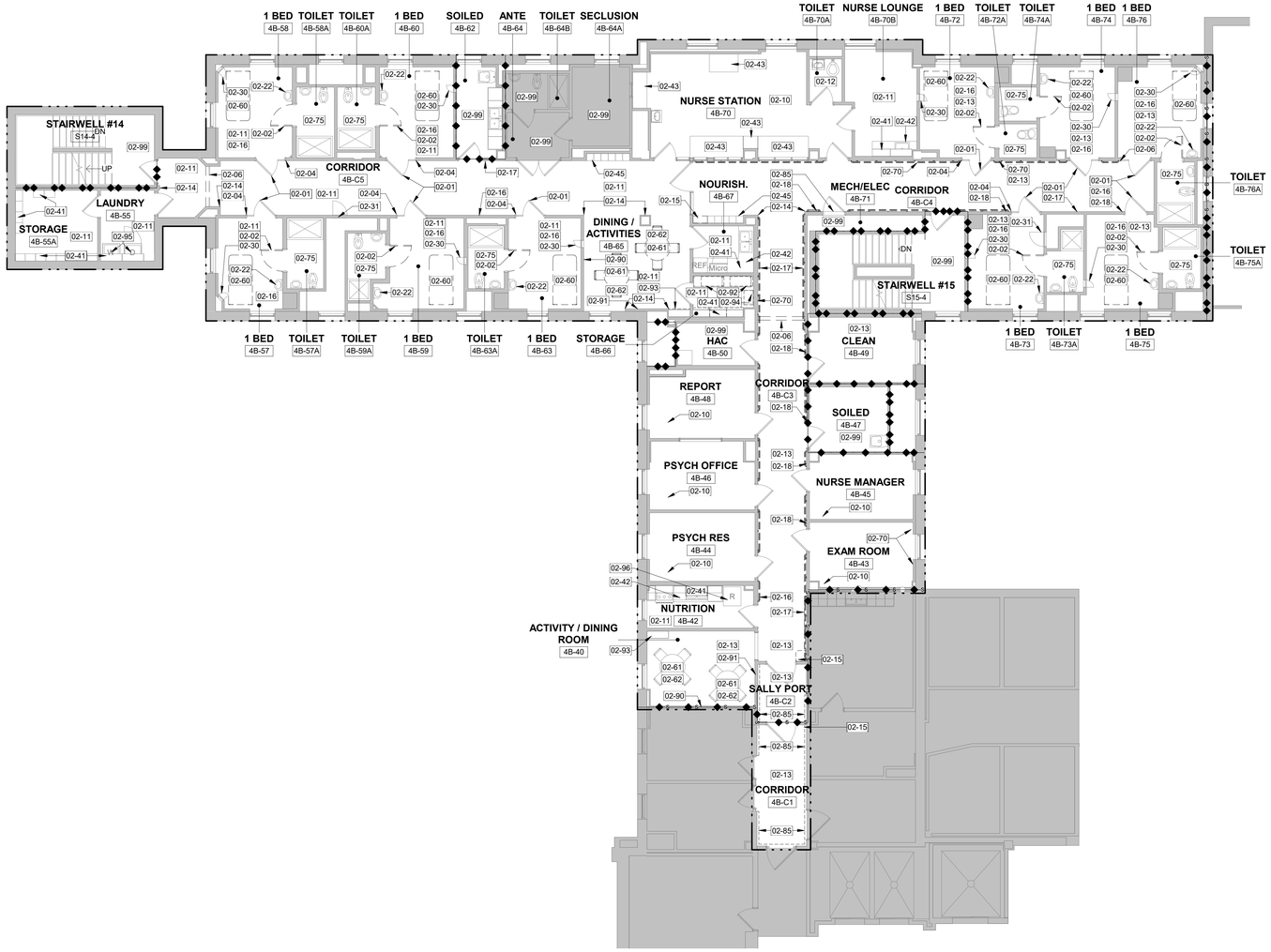


1 DEMOLITION PLAN - WING 4B
1/8" = 1'-0"

KEYNOTES:

02-01	REMOVE EXISTING DOOR LATCH AND LOCK, ALL OTHER DOOR HARDWARE TO REMAIN
02-02	REMOVE EXISTING VINYL/VELCRO SSPD DOOR
02-04	REMOVE EXISTING COVER TO HINGE AT NON-OPERABLE LEAF OF EXISTING DOOR. PREP FOR NEW ANTI-LIGATURE COVER PLATE. SEE DOOR SCHEDULE FOR NEW HARDWARE.
02-06	REMOVE EXISTING EXPANSION PLATE COVER, SALVAGE FOR RE-INSTALLATION
02-10	REMOVE EXISTING CARPET
02-11	REMOVE EXISTING SHEET FLOORING
02-12	EXISTING CERAMIC FLOOR TILE AND WALL TILE TO REMAIN
02-13	REMOVE EXISTING VCT FLOORING
02-14	REMOVE EXISTING CORNER GUARD
02-15	REMOVE EXISTING WOOD SHELF
02-16	REMOVE EXISTING CRASH RAIL
02-17	REMOVE EXISTING HANDRAIL
02-18	EXISTING HAND PAINTED SIGNAGE TO REMAIN AT PAINTED WALLS. FILL AND PRIME OVER EXISTING.
02-22	REMOVE EXISTING PATIENT ROOM SINK AND BASE SHROUD, SALVAGE SINK AND SHROUD FOR RE-INSTALLATION
02-30	REMOVE EXISTING 10"X10" FLUSH ACCESS PANEL
02-31	REMOVE EXISTING 22"X22" FLUSH ACCESS PANEL
02-41	EXISTING WALL CABINETS TO BE REMOVED AND SALVAGE FOR INSTALLATION BY THE GC.
02-42	EXISTING BASE CABINETS AND COUNTERTOPS TO REMAIN.
02-43	REMOVE EXISTING COUNTERTOP AND SALVAGE FOR REINSTALL BY GC. WALL TRACK TO REMAIN.
02-45	REMOVE AND SALVAGE EXISTING LOCKERS
02-60	REMOVE EXISTING BOLTED DOWN PATIENT BED
02-61	REMOVE EXISTING BOLTED DOWN DINING TABLE
02-62	REMOVE EXISTING PATIENT DINING CHAIRS
02-70	REMOVE EXISTING VINYL WALL COVERING, PATCH AND REPAIR GYPSUM BOARD WHERE PAPER IS DAMAGED
02-75	EXISTING RESINOUS FLOOR AT PATIENT BEDROOM TOILETS TO REMAIN
02-85	EXISTING TERAZZO FLOORING INLAY AT BASE TO REMAIN
02-90	EXISTING WHITE BOARD TO REMAIN. CONTRACTOR TO PROTECT AND PAINT AROUND EXISTING WHITEBOARD COATING
02-91	EXISTING TV TO REMAIN, CONTRACTOR TO PROTECT AND PAINT AROUND EXISTING TV
02-92	EXISTING MOBILE SHELVES, RELOCATED BY VA
02-93	EXISTING WALL MOUNTED SHELVES TO REMAIN
02-94	EXISTING LOCKED CABINET, RELOCATED BY VA
02-95	EXISTING WASHER AND DRYER, TO BE RELOCATED BY VA.
02-96	EXISTING KITCHEN APPLIANCES TO BE RELOCATED BY THE VA
02-99	NO WORK IN THIS ROOM EXISTING FINISHES TO REMAIN, DOOR HARDWARE TO REMAIN

WALL RATING LEGEND:

1 HOUR FIRE BARRIER

1 HOUR SMOKE BARRIER

2 HOUR FIRE BARRIER

SHEET LEGEND:

LIMITS OF PROJECT/CONSTRUCTION UNDER THIS CONTRACT

AREA OF WORK NOT IN THE SCOPE. EXISTING TO REMAIN

ABBREVIATION LEGEND:

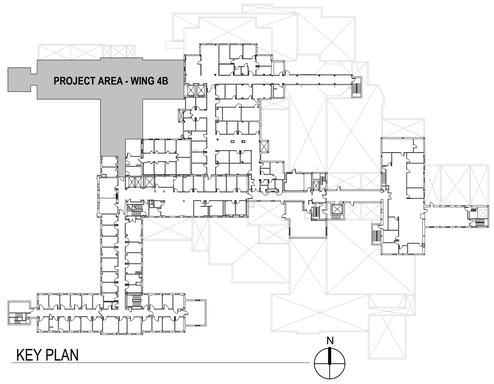
V/V: VA PROVIDED, VA INSTALLED
V/C: VA PROVIDED, CONTRACTOR INSTALLED
C/C: CONTRACTOR PROVIDED, CONTRACTOR INSTALLED

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VISIT THE PROJECT AND VERIFY EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL INSPECT AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK, INCLUDING ELEMENTS SUBJECT TO DAMAGE OR MOVEMENT DURING DEMOLITION, CUTTING, OR PATCHING. VISITS MUST BE COORDINATED AND PRE-APPROVED WITH PROJECT COR AND NURSE MANAGER.
2. THE DEMOLITION PLAN INDICATES GENERAL INFORMATION AND INTENT. THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH NEW CONSTRUCTION TO ENSURE QUALITY OF FINAL PRODUCT.
3. DASHED LINES INDICATE EXTENT OF DEMOLITION INCLUDING THE FOLLOWING: CEILINGS, INCLUDING CEILING SUSPENSION SYSTEM, MISC. STEEL SUPPORTS FOR SUSPENDED EQUIPMENT, SUSPENDED EQUIPMENT, LIGHT FIXTURES, DIFFUSERS AND GRILLES ETC., FLOOR FINISHES (TO CONCRETE) INCLUDING CARPET, RESILIENT TILE, SHEET VINYL AND ACCESS DOORS.
4. GENERAL CONTRACTOR SHALL COORDINATE DEMOLITION BETWEEN ALL TRADES. NOTIFY AIE IMMEDIATELY OF ANY CONFLICTS OR DISCREPANCIES.
5. REFER TO PHASING SHEET FOR PROJECT PHASING AND SEQUENCE OF WORK. ALL DEMOLITION AND REMODEL WORK MUST BE CLOSELY COORDINATED WITH THE COR.
6. THE GENERAL CONTRACTOR SHALL INSPECT AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK, INCLUDING ELEMENTS SUBJECT TO DAMAGE OR MOVEMENT DURING DEMOLITION, CUTTING OR PATCHING.
7. MATERIAL PRODUCT FROM DEMOLITION SHALL BECOME THE PROPERTY AND RESPONSIBILITY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIED ITEMS DESIGNATED EITHER IN THE PLANS OR VERBALLY REQUESTED BY THE (COR) TO BE RETAINED BY THE VA.
8. OFFSITE DISPOSAL OF THE DEMOLISHED ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DISPOSED OF LAWFULLY.
9. DEMOLITION MATERIALS SHALL BE REMOVED FROM SITE ON A DAILY BASIS. COORDINATE WITH THE COR THE IDENTIFICATION AND TRANSFER OF ANY ITEMS THAT NEED TO BE SALVAGED.
10. VERIFY LOCATION OF EXISTING UTILITY LINES PRIOR TO STARTING DEMOLITION. MAY NOT BE LIMITED TO UTILITIES SHOWN ON ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL PLANS. REFER TO THE THESE DRAWINGS FOR ADDITIONAL INFORMATION.
11. UPON ENCOUNTERING UNFORESEEN CONDITIONS DURING REMODEL WORK, THE CONTRACTOR SHALL NOTIFY THE COR BEFORE PROCEEDING.
12. COORDINATE DEMOLITION SHOWN ON THIS SHEET WITH DEMOLITION SHOWN ON MECHANICAL AND ELECTRICAL DEMOLITION DRAWINGS. CREATE PENETRATIONS AS REQUIRED FOR NEW CONSTRUCTION ON MECHANICAL AND ELECTRICAL DRAWINGS.
13. THE CONTRACTOR SHALL PROTECT EXISTING CONSTRUCTION TO REMAIN. DAMAGE TO EXISTING CONSTRUCTION SHALL BE REPAIRED TO EXISTING OR BETTER CONDITION.
14. ERECT AND MAINTAIN TEMPORARY PARTITIONS AND ENCLOSURES TO PREVENT THE TRANSMISSION OF DUST, ODOR, AND NOISE.
15. PROVIDE TEMPORARY MECHANICAL EXHAUST SYSTEMS TO MAINTAIN A NEGATIVE PRESSURE WITHIN DEMOLITION ZONES.
16. CONTRACTOR SHALL PROVIDE TEMPORARY SEAL AT ALL DOOR AND WALL OPENINGS AT PERIMETER WALLS DURING DEMOLITION WORK TO PROTECT ADJACENT AREAS FROM DUST INTRUSION.
17. SOLID SHADED (GRAY) REGIONS DEPICT EXISTING CONSTRUCTION TO REMAIN OR ITEMS/AREAS OUTSIDE OF SCOPE.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MOVING/RELOCATING ALL FURNISHINGS, FURNITURE, AND NON PERMANENTLY ATTACHED EQUIPMENT PRIOR TO COMMENCEMENT OF DEMOLITION. CONTRACTOR SHALL COORDINATE WITH COR ON LOCATION OF STORED FURNISHINGS.
19. CAP/ABANDON ALL UTILITIES NOT REMOVED TO MAKE ROOM FOR NEW CONSTRUCTION AS REQUIRED. COORDINATE WITH PROPOSED NEW CONSTRUCTION CONDITIONS.
20. ALL INFILL AND PATCHWORK SHALL MATCH ADJACENT SURFACES IN FINISH AND TEXTURE. ITEMS TO INCLUDE, BUT NOT LIMITED TO, WALLS, CEILINGS, AND FLOORING. MATCH NEW ADJACENT FINISHES WHERE PRESENT. SEE ROOM FINISH SCHEDULE.
21. DEMOLITION PLANS SHOW EXISTING ROOM NAMES AND NUMBERS. EXISTING ROOM SIGNS ARE PAINTED ON WALL. SEE INTERIOR SHEETS AND SPECIFICATIONS FOR PROCEDURE TO MATCH EXISTING.
22. REMOVE ALL EXISTING WALL MOUNTED ROOM ACCESSORIES, TOILET ACCESSORIES, CEILING EQUIPMENT COVER AND PLATE, AND ELECTRICAL AND DATE COVER PLATES FOR PAINTING AND REINSTALL.
23. REMOVE ALL WALL ARTWORK AND SALVAGE TO OWNER.
24. REMOVE ALL WALL MOUNTED ROOM ACCESSORIES (CHART FILES, WHITE BOARDS, CLOCKS, TACK BOARDS, GLOVE BOXES HOLDERS, FIRE EXTINGUISHERS, SHARPS CONTAINERS, ETC...) SHALL BE REMOVED, SALVAGED, AND REINSTALLED BY THE GENERAL CONTRACTOR.
25. WORK THAT RESULTS IN NOISE AND VIBRATION MUST BE COORDINATED WITH ADJACENT AREAS WITHIN THE HOSPITAL PRIOR TO WORK. WORK HOURS WILL BE WEEK DAYS DURING BUSINESS HOURS OR WEEKENDS.
26. CONTRACTOR SHALL COORDINATE WITH THE VA FOR ALL VA EQUIPMENT ITEMS NOT INDICATED ON THIS SHEET THAT IS TO BE RELOCATED BY VA PRIOR TO DEMOLITION WORK.
27. WALL MOUNTED PERSONAL ITEMS LOCATED IN OFFICES, BREAK ROOM, AND NURSE STATION SHALL BE REMOVED BY VA.
28. VA WILL REMOVE ALL APPLIANCES.



KEY PLAN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT — REG. NO. — JAMES W. LUEBOUGH — NORTH DAKOTA — 7.17.24

ARCHITECT/ENGINEER OF RECORD

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WWW.FOURFRONTDESIGN.COM

4F PROJECT NUMBER: 19.2481.A22

Drawing Title: DEMOLITION PLAN
Approved: Project Director
Project Title: UPDATE WING 4B
Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102
Project Number: 437-23-103
Building Number: 9
Drawing Number: AD1.00
Date: 7/17/2024
Checked: JL
Drawn: KZ, TB
Dwg. 8 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

7/15/2024 6:12:44 PM

VA FORM 08-6231

1 DEMOLITION REFLECTED CEILING PLAN - WING 4B

1/8" = 1'-0"

KEYNOTES:

02-31	REMOVE EXISTING 22"X22" FLUSH ACCESS PANEL
02-32	REMOVE EXISTING 16"X16" FLUSH ACCESS PANEL
02-52	EXISTING ACT TO REMAIN

WALL RATING LEGEND:

1 HOUR FIRE BARRIER

1 HOUR SMOKE BARRIER

2 HOUR FIRE BARRIER

SHEET LEGEND:

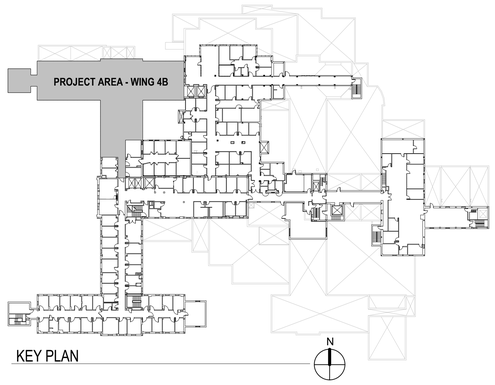
- LIMITS OF PROJECT/CONSTRUCTION UNDER THIS CONTRACT
- AREA OF WORK NOT IN THE SCOPE. EXISTING TO REMAIN
- EXISTING 2'X2' ACT CEILING SYSTEM TO REMAIN UNLESS OTHERWISE NOTED
- EXISTING GYPSUM BOARD CEILING/SOFFIT TO REMAIN UNLESS OTHERWISE NOTED
- EXISTING BULKHEAD TO REMAIN UNLESS OTHERWISE NOTED
- HEIGHT — CEILING HEIGHT
- DEMOLISH 16"X16" FLUSH ACCESS PANEL, HINGE SIDE TO MATCH EXISTING LOCATION FOR NEW ACCESS PANELS. VERIFY IN THE FIELD.
- DEMOLISH 22"X22" FLUSH ACCESS PANEL, HINGE SIDE TO MATCH EXISTING LOCATION FOR NEW ACCESS PANELS. VERIFY IN THE FIELD.
- EXISTING 2'X4' LIGHT FIXTURE TO REMAIN, SEE ELECTRICAL DRAWINGS
- DEMOLISH ACT CEILING SYSTEM
- EXISTING SUPPLY DIFFUSER, SEE MECHANICAL DRAWINGS
- EXISTING RETURN GRILLE, SEE MECHANICAL DRAWINGS
- EXISTING RADIANT PANEL, SEE MECHANICAL DRAWINGS

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VISIT THE PROJECT AND VERIFY EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL INSPECT AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK, INCLUDING ELEMENTS SUBJECT TO DAMAGE OR MOVEMENT DURING DEMOLITION, CUTTING, OR PATCHING. VISITS MUST BE COORDINATED AND PRE-APPROVED WITH PROJECT COR AND NURSE MANAGER.
2. THE DEMOLITION PLAN INDICATES GENERAL INFORMATION AND INTENT. THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH NEW CONSTRUCTION TO ENSURE QUALITY OF FINAL PRODUCT.
3. DASHED BOLD LINES INDICATE EXTENT OF DEMOLITION INCLUDING THE FOLLOWING: INTERIOR PARTITIONS (REMOVE TO STRUCTURE); CEILINGS, INCLUDING CEILING SUSPENSION SYSTEM, MISC. STEEL SUPPORTS FOR SUSPENDED EQUIPMENT, SUSPENDED EQUIPMENT, LIGHT FIXTURES, DIFFUSERS AND GRILLES ETC.; FLOOR FINISHES (TO CONCRETE) INCLUDING CARPET, RESILIENT TILE, SHEET VINYL, CERAMIC TILE ETC; DOORS AND FRAMES UNLESS NOTED OTHERWISE; CMU BLOCK/BRICK AND BACKUP WALL SYSTEM; CABINET WORK, SHELVING, BASES; TOILET PARTITIONS AND ACCESSORIES; EQUIPMENT ITEMS; PLUMBING FIXTURES.
4. GENERAL CONTRACTOR SHALL COORDINATE DEMOLITION BETWEEN ALL TRADES. NOTIFY A/E IMMEDIATELY OF ANY CONFLICTS OR DISCREPANCIES.
5. REFER TO PHASING SHEET FOR PROJECT PHASING AND SEQUENCE OF WORK. ALL DEMOLITION AND REMODEL WORK MUST BE CLOSELY COORDINATED WITH THE COR.
6. THE GENERAL CONTRACTOR SHALL INSPECT AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK, INCLUDING ELEMENTS SUBJECT TO DAMAGE OR MOVEMENT DURING DEMOLITION, CUTTING OR PATCHING.
7. MATERIAL PRODUCT FROM DEMOLITION SHALL BECOME THE PROPERTY AND RESPONSIBILITY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIED ITEMS DESIGNATED EITHER IN THE PLANS OR VERBALLY REQUESTED BY THE (COR) TO BE RETAINED BY THE VA.
8. OFFSITE DISPOSAL OF THE DEMOLISHED ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DISPOSED OF LAWFULLY.
9. DEMOLITION MATERIALS SHALL BE REMOVED FROM SITE ON A DAILY BASIS. COORDINATE WITH THE COR THE IDENTIFICATION AND TRANSFER OF ANY ITEMS THAT NEED TO BE SALVAGED.
10. VERIFY LOCATION OF EXISTING UTILITY LINES PRIOR TO STARTING DEMOLITION. MAY NOT BE LIMITED TO UTILITIES SHOWN ON ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL PLANS. REFER TO THE THESE DRAWINGS FOR ADDITIONAL INFORMATION.
11. UPON ENCOUNTERING UNFORESEEN CONDITIONS DURING REMODEL WORK, THE CONTRACTOR SHALL NOTIFY THE COR BEFORE PROCEEDING.
12. COORDINATE DEMOLITION SHOWN ON THIS SHEET WITH DEMOLITION SHOWN ON MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION AND DEMOLITION DRAWINGS. CREATE PENETRATIONS AS REQUIRED FOR NEW CONSTRUCTION ON MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
13. THE CONTRACTOR SHALL PROTECT EXISTING CONSTRUCTION TO REMAIN. DAMAGE TO EXISTING CONSTRUCTION SHALL BE REPAIRED TO EXISTING OR BETTER CONDITION.
14. ERECT AND MAINTAIN TEMPORARY PARTITIONS AND ENCLOSURES TO PREVENT THE TRANSMISSION OF DUST, ODOR, AND NOISE.
15. PROVIDE TEMPORARY MECHANICAL EXHAUST SYSTEMS TO MAINTAIN A NEGATIVE PRESSURE WITHIN DEMOLITION ZONES.
16. CONTRACTOR SHALL PROVIDE TEMPORARY SEAL AT ALL DOOR AND WALL OPENINGS AT PERIMETER WALLS DURING DEMOLITION WORK TO PROTECT ADJACENT AREAS FROM DUST INTRUSION.
17. SOLID SHADED (GRAY) REGIONS DEPICT EXISTING CONSTRUCTION TO REMAIN OR ITEMS/AREAS OUTSIDE OF SCOPE.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR MOVING ALL FURNISHINGS AND NON PERMANENTLY ATTACHED EQUIPMENT PRIOR TO COMMENCEMENT OF DEMOLITION. CONTRACTOR SHALL COORDINATE WITH COR ON LOCATION OF STORED FURNISHINGS.
19. ALL INFILL AND PATCHWORK SHALL MATCH ADJACENT SURFACES IN FINISH AND TEXTURE. ITEMS TO INCLUDE, BUT NOT LIMITED TO, WALLS, CEILINGS, AND FLOORING. MATCH NEW ADJACENT FINISHES WHERE PRESENT. SEE ROOM FINISH SCHEDULE.
20. DEMOLITION PLANS SHOW EXISTING ROOM NAMES AND NUMBERS. ALL OTHER DRAWINGS SHOW NEW ROOM NAMES AND NUMBERS.
21. REMOVE ALL EXISTING WALL MOUNTED ROOM ACCESSORIES, ROOM ACCESSORIES, TOILET ACCESSORIES, CEILING EQUIPMENT COVER AND PLATE, AND ELECTRICAL AND DATE COVER PLATES FOR PAINTING.
22. ALL EXISTING LIGHT FIXTURES IN CORRIDORS ARE TO REMAIN IN PLACE DURING DEMOLITION AND CONSTRUCTION OF NEW CEILING. SEE ELECTRICAL DRAWINGS FOR FURTHER I INFORMATIONAL.
23. CAREFULLY REMOVE AND TURN OVER DECORATIVE LENSES TO VA FOR REUSE.
24. WORK THAT RESULTS IN NOISE AND VIBRATION MUST BE COORDINATED WITH ADJACENT AREAS WITHIN THE HOSPITAL PRIOR TO WORK. WORK HOURS WILL BE WEEK DAYS DURING BUSINESS HOURS OR WEEKENDS.



BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT — REG. NO. — JAMES W. CUSHBOTH — SOUTH DAKOTA — 7.17.24

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4F PROJECT NUMBER: 19.2481.A22

Drawing Title	DEMOLITION REFLECTED CEILING PLAN
Project Title	UPDATE WING 4B
Project Number	437-23-103
Building Number	9
Approved: Project Director	
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Drawing Number	AD1.10
Date	7/17/2024
Checked	JL
Drawn	KZ, TB
Dwg.	9 of 39

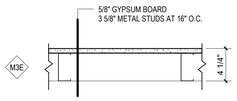
Office of Construction and Facilities Management

Department of Veterans Affairs

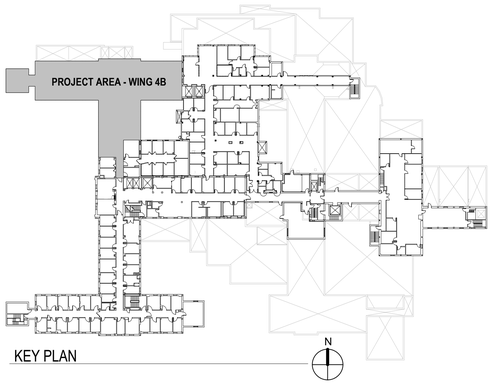
7/15/2024 8:12:46 PM

VA FORM 08-6231

1 FLOOR PLAN - WING 4B
1/8" = 1'-0"



WALL TYPES
1 1/2" = 1'-0"



GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

1. ANY DISCREPANCIES OR CONFLICTS FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE COR BEFORE PROCEEDING WITH THE WORK.
2. CONTRACTOR AND SUBCONTRACTORS TO VERIFY ALL EXISTING CONDITIONS AT THE PROJECT SITE.
3. INSTALL TAMPER-PROOF SEALANT IN ALL AREAS OF WORK. THIS IS NOT LIMITED TO SEAMS, JOINTS, NEW COVER PLATES, EXISTING COVER PLATES, FLANGES, ELECTRICAL FIXTURES, MECHANICAL AND PLUMBING FIXTURES, OR FIRE ALARM FIXTURES, BUT FOR ANY AREA THAT CAN CREATE A LIGATURE POINT AND SAFETY HAZARD FOR PATIENTS. TAMPER-PROOF SEALANT TO BE REVIEWED WITH COR.
4. INSTALL TAMPER-PROOF FLUSH SCREWS, ACCESSORIES, FIXTURES, AND FURNISHINGS IN PATIENT ROOMS AND CORRIDORS, AND AREAS WHERE PATIENTS WILL HAVE ACCESS TO. TAMPER-PROOF FLUSH SCREW ATTACHMENT TO BE REVIEWED WITH COR.
5. PATCH AND REPAIR WALL AND FINISH WHERE MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM ITEMS WERE REMOVED. PROVIDE TAMPERPROOF SEALANT WHERE REQUIRED.
6. ALL INFILL AND PATCHWORK SHALL MATCH ADJACENT SURFACES IN FINISH AND TEXTURE. ITEMS TO INCLUDE, BUT NOT LIMITED TO, WALLS, CEILINGS, AND FLOORING. MATCH NEW ADJACENT FINISHES WHERE PRESENT. SEE ROOM FINISH SCHEDULE.
7. THE CONTRACTOR SHALL REINSTALL ANY SALVAGED WALL MOUNTED ROOM ACCESSORIES (CHART FILES, WHITE BOARDS, CLOCKS, TACK BOARDS, GLOVE BOXES HOLDERS, FIRE EXTINGUISHERS, SHARPS CONTAINERS, ETC...) THESE ITEMS SHALL BE REINSTALLED IN THEIR EXISTING LOCATIONS. COORDINATE WITH THE VA FOR FINAL LOCATIONS OF ITEMS.
8. CUT BUMPER RAILS FLUSH TO FURNISHINGS, WHERE FURNISHINGS ARE TIGHT AGAINST A WALL. ADD TAMPER-PROOF SEALANT TO ALL SEAMS CREATED.
9. ADD TAMPER-PROOF SEALANT TO ALL GAPS CREATED WHERE FURNISHINGS MEET THE SELF-COVED BASE.

KEYNOTES:

08-31	NEW 22"X22" ACCESS DOOR
08-32	NEW 10"X10" ACCESS DOOR
08-87	INSTALL ARCHITECTURAL WINDOW FILM AT EXISTING WINDOW GLAZING AT NURSES STATION, INSTALL ON NURSE STATION SIDE OF GLAZING
09-61	EXISTING TERRAZZO FLOORING INLAY AT BASE TO REMAIN
10-14	NEW HAND-PAINTED ROOM SIGNAGE. SIGNAGE TO BE CREATED BY CONTRACTOR, SEE SPECIFICATION SECTION 10 14 00, C/C
11-27	EXISTING TELEVISION, V/C
12-01	INSTALL NEW OWNER PROVIDED BOLTED DOWN PATIENT BED, V/C
12-02	INSTALL NEW OWNER PROVIDED BOLTED DOWN DINING TABLE AT EXISTING LOCATION, V/C
12-03	INSTALL NEW OWNER PROVIDED BOLTED DOWN NIGHT STAND, V/C
12-04	RE-INSTALL EXISTING METAL LOCKERS, C/C
12-12	RE-INSTALL EXISTING WALL CABINETS
12-13	RE-INSTALL EXISTING COUNTERTOPS
22-01	RE-INSTALL EXISTING STAINLESS STEEL METAL SHROUD AT BASE OF EXISTING SINK, PROVIDE TAMPER-PROOF FLUSH SCREWS ATTACHMENT TO EXISTING SINK

ABBREVIATION LEGEND:

V/V: VA PROVIDED, VA INSTALLED
V/C: VA PROVIDED, CONTRACTOR INSTALLED
C/C: CONTRACTOR PROVIDED, CONTRACTOR INSTALLED

WALL RATING LEGEND:

1 HOUR FIRE BARRIER
1 HOUR SMOKE BARRIER
2 HOUR FIRE BARRIER

SHEET LEGEND:

LIMITS OF PROJECT/CONSTRUCTION UNDER THIS CONTRACT
AREA OF WORK NOT IN THE SCOPE. EXISTING TO REMAIN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT
JAMES W. LUSTGRAAF
SOUTH DAKOTA
7.17.24

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4F PROJECT NUMBER: 19.2481.A22

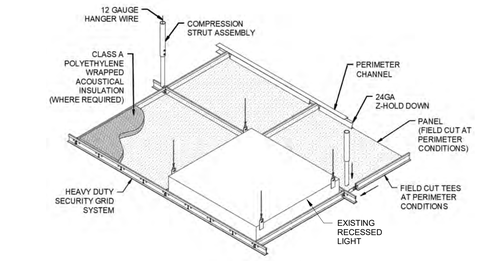
Drawing Title	FLOOR PLAN
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date	7/17/2024
Checked	JL
Drawn	KZ, TB
Project Number	437-23-103
Building Number	9
Drawing Number	A1.00
Dwg.	10 of 39

Office of Construction and Facilities Management
Department of Veterans Affairs

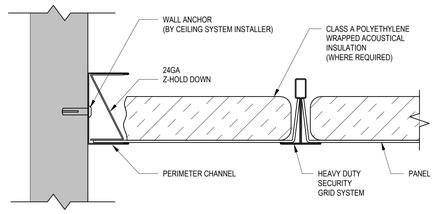
7/15/2024 8:12:15 PM
VA FORM 08-6231

1 REFLECTED CEILING PLAN - WING 4B

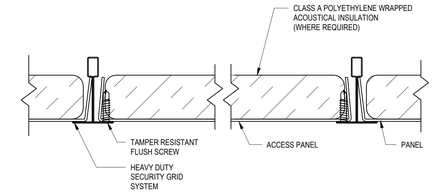
1/8" = 1'-0"



2 SECURITY CEILINGS - ISOMETRIC ASSEMBLY



3 SECURITY CEILING - PERIMETER SECTION



4 SECURITY CEILINGS - ACCESS PANEL SECTION

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

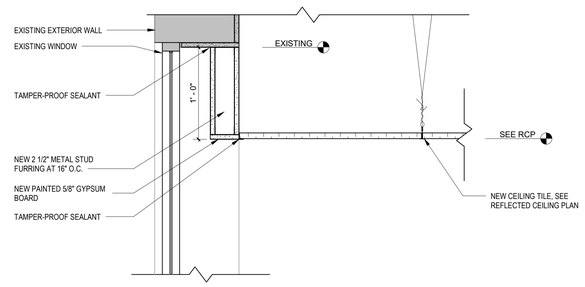
1. ANY DISCREPANCIES OR CONFLICTS FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE COR BEFORE PROCEEDING WITH THE WORK.
2. CONTRACTOR AND SUBCONTRACTORS TO VERIFY ALL EXISTING CONDITIONS AT THE PROJECT SITE.
3. REFLECTED CEILING PLANS SHOW LOCATIONS OF ITEMS THAT ARE ELECTRICAL ITEMS INDICATED ARE FOR REFERENCE ONLY. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS.
4. INSTALL TAMPER-PROOF SEALANT IN ALL AREAS OF WORK. THIS IS NOT LIMITED TO SEAMS, JOINTS, NEW COVER PLATES, EXISTING COVER PLATES, FLANGES, ELECTRICAL FIXTURES, MECHANICAL AND PLUMBING FIXTURES, OR FIRE ALARM FIXTURES, BUT FOR ANY AREA THAT CAN CREATE A LIGATURE POINT AND SAFETY HAZARD FOR PATIENTS. TAMPER-PROOF SEALANT TO BE REVIEWED WITH COR.
5. INSTALL TAMPER-PROOF FLUSH SCREWS, ACCESSORIES, ACCESS PANELS, FIXTURES, AND FURNISHINGS IN PATIENT ROOMS AND CORRIDORS, AND AREAS WHERE PATIENTS WILL HAVE ACCESS TO. TAMPER-PROOF FLUSH SCREW ATTACHMENT TO BE REVIEWED WITH COR.
6. INSTALL EXISTING LIGHT FIXTURES WITH NEW METAL CEILING. EXISTING LIGHT FIXTURES SHALL BE SUPPORTED INDEPENDENTLY FROM CEILING SYSTEM. SEE ELECTRICAL DRAWINGS FOR EXISTING LIGHT FIXTURE INFORMATION.
7. REINSTALL ALL EXISTING CEILING MOUNTED MECHANICAL, ELECTRICAL, AND FIRE PROTECTION FIXTURES WITH NEW CEILING. COORDINATE WITH EXISTING LOCATION AND COORDINATE WITH ALL OTHER NEW FIXTURES.
8. ALL CEILING MOUNTED MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE PROTECTION SHOWN AS REFERENCE ONLY. SEE DISCIPLINE DRAWINGS FOR ALL LOCATION OF FIXTURES.
9. PAINT HORIZONTAL AND VERTICAL FACES OF THE SOFFITS SPECIFIED PAINT COLOR, UNLESS NOTED OTHERWISE.
10. ALL BULKHEAD HORIZONTAL AND VERTICAL FACES TO BE PAINTED P-2, UNLESS NOTED OTHERWISE.
11. ALL GYPSUM BOARD CEILINGS TO BE PAINTED P-2, UNLESS NOTED OTHERWISE.
12. ALL CEILING HEIGHTS LISTED ON THE REFLECTED CEILING PLAN ARE FROM THE FINISH FLOOR OF THE LISTED ROOM, UNLESS NOTED OTHERWISE.
13. COORDINATE FLOORING WITH PHASING ON SHEET G1.00.

SHEET LEGEND:

- LIMITS OF PROJECT/CONSTRUCTION UNDER THIS CONTRACT
- AREA OF WORK NOT IN THE SCOPE. EXISTING TO REMAIN
- 2'X2' ACT CEILING SYSTEM WITH HOLD DOWN CLIPS
- EXISTING 2'X2' ACT CEILING SYSTEM TO REMAIN UNLESS OTHERWISE NOTED
- EXISTING GYPSUM BOARD CEILING/SOFFIT TO REMAIN UNLESS OTHERWISE NOTED
- EXISTING BULKHEAD TO REMAIN UNLESS OTHERWISE NOTED
- HEIGHT — CEILING HEIGHT
- NEW 16"X16" FLUSH ACCESS PANEL, HINGE SIDE TO MATCH EXISTING LOCATION. VERIFY IN THE FIELD.
- NEW 22"X22" FLUSH ACCESS PANEL, HINGE SIDE TO MATCH EXISTING LOCATION. VERIFY IN THE FIELD.
- EXISTING 2'X4' LIGHT FIXTURE TO REMAIN, SEE ELECTRICAL DRAWINGS
- 2'X2' SECURITY METAL CEILINGS
- EXISTING SUPPLY DIFFUSER, SEE MECHANICAL DRAWINGS
- EXISTING RETURN GRILLE, SEE MECHANICAL DRAWINGS
- EXISTING RADIANT PANEL, SEE MECHANICAL DRAWINGS

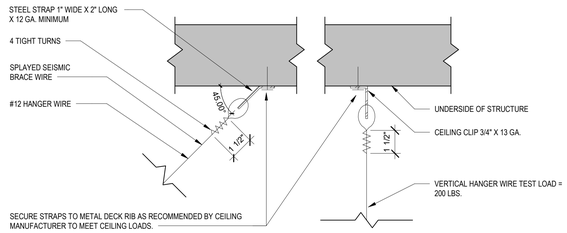
WALL RATING LEGEND:

- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER

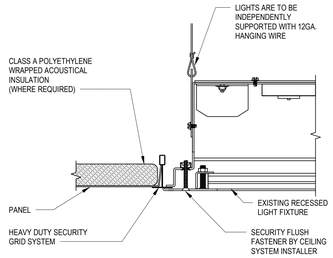


5 CEILING/WALL CONNECTION

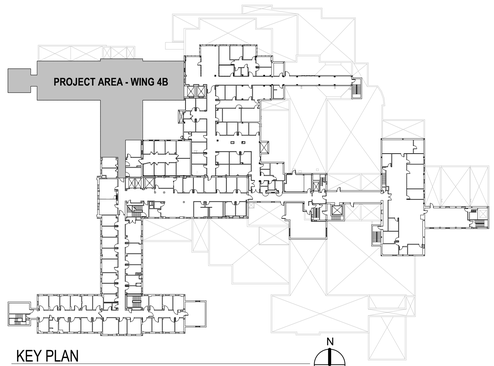
1 1/2" = 1'-0"



6 TYPICAL WIRE HANGING DETAIL



7 SECURITY CEILINGS - RECESSED LIGHT SECTION



KEY PLAN

BID DOCUMENTS

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT — REG. NO. — CRAIG W. DUEBOUIS — SOUTH DAKOTA — 7.17.24

ARCHITECT/ENGINEER OF RECORD

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WWW.FOURFRONTDESIGN.COM

4F PROJECT NUMBER: 19.2481.A22

Drawing Title	REFLECTED CEILING PLAN
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date	7/17/2024
Checked	JL
Drawn	KZ, TB
Project Number	437-23-103
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Dwg.	11 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

Revisions: | Date

7/15/2024 8:12:16 PM

VA FORM 08-6231

WING 4B ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALLS				CEILING	COMMENTS
				NORTH	EAST	SOUTH	WEST	FINISH	
4B-40	ACTIVITY / DINING ROOM	WSF-1/WSF-2	WSF-2	P-1	P-1	P-3	P-1	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, SEE FLOOR FINISH PLAN FOR WSF-1 PATTERN, GRAIN DIRECTION AND SEAMING
4B-42	NUTRITION	WSF-2	WSF-2	P-1	P-1	P-4	P-1	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, SEE FLOOR FINISH PLAN FOR WSF-1 PATTERN, GRAIN DIRECTION AND SEAMING
4B-43	EXAM ROOM	WSF-2	WSF-2	P-4	P-1	P-1	P-1	ACT-1	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM
4B-44	PSYCH RES	CPT	RB-1	P-4	P-1	P-1	P-1	ACT-1	
4B-45	NURSE MANAGER	CPT	RB-1	P-1	P-1	P-3	P-1	ACT-1	
4B-46	PSYCH OFFICE	CPT	RB-1	P-4	P-1	P-1	P-1	ACT-1	
4B-47	SOILED	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
4B-48	REPORT	CPT	RB-1	P-3	P-1	P-1	P-1	ACT-1	
4B-49	CLEAN	WSF-2	WSF-2	P-1	P-1	P-1	P-1	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM
4B-50	HAC	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
4B-55	LAUNDRY	WSF-2	WSF-2	P-1	P-1	P-1	P-1	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM
4B-55A	STORAGE	WSF-2	WSF-2	P-1	P-1	P-1	P-1	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM
4B-57	1 BED	WSF-1	WSF-1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, PATCH AND REPAIR BEDROOM WALLS AFTER NURSE CALL REMOVAL, MATCH EXISTING PAINT
4B-57A	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING, MATCH EXISTING PAINT
4B-58	1 BED	WSF-1	WSF-1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, PATCH AND REPAIR BEDROOM WALLS AFTER NURSE CALL REMOVAL, MATCH EXISTING PAINT
4B-58A	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING, MATCH EXISTING PAINT
4B-59	1 BED	WSF-1	WSF-1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, PATCH AND REPAIR BEDROOM WALLS AFTER NURSE CALL REMOVAL, MATCH EXISTING PAINT
4B-59A	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING, MATCH EXISTING PAINT
4B-60	1 BED	WSF-1	WSF-1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, PATCH AND REPAIR BEDROOM WALLS AFTER NURSE CALL REMOVAL, MATCH EXISTING PAINT
4B-60A	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING, MATCH EXISTING PAINT
4B-62	SOILED	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
4B-63	1 BED	WSF-1	WSF-1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, PATCH AND REPAIR BEDROOM WALLS AFTER NURSE CALL REMOVAL, MATCH EXISTING PAINT
4B-63A	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING, MATCH EXISTING PAINT
4B-64	ANTE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
4B-64A	SECLUSION	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
4B-64B	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING, MATCH EXISTING PAINT
4B-65	DINING / ACTIVITIES	WSF-1/WSF-2	WSF-2	P-1	P-1	P-3	P-1	METAL SECURITY	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, SEE FLOOR FINISH PLAN FOR WSF-1 PATTERN, GRAIN DIRECTION AND SEAMING
4B-66	STORAGE	WSF-2	WSF-2	P-1	P-1	P-1	P-1	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM
4B-67	NOURISH.	WSF-2	WSF-2	P-1	P-4	P-4	P-1	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM
4B-70	NURSE STATION	WSF-1/WSF-2	WSF-2	P-4	P-1	P-1	P-1	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, SEE FLOOR FINISH PLAN FOR WSF-1 PATTERN, GRAIN DIRECTION AND SEAMING
4B-70A	TOILET	EXISTING	EXISTING	P-1/EXISTING	P-1/EXISTING	P-1/EXISTING	P-1/EXISTING	EXISTING	P-1 ABOVE EXISTING TILE WAINSCOT
4B-70B	NURSE LOUNGE	WSF-1/WSF-2	WSF-1/WSF-2	P-1	P-3	P-1	P-1	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, SEE FLOOR FINISH PLAN FOR WSF-1 PATTERN, GRAIN DIRECTION AND SEAMING
4B-71	MECH/ELEC	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
4B-72	1 BED	WSF-1	WSF-1	P-1	P-1	P-1	P-4	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, PATCH AND REPAIR BEDROOM WALLS AFTER NURSE CALL REMOVAL
4B-72A	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING
4B-73	1 BED	WSF-1	WSF-1	P-1	P-1	P-1	P-4	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, PATCH AND REPAIR BEDROOM WALLS AFTER NURSE CALL REMOVAL
4B-73A	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING
4B-74	1 BED	WSF-1	WSF-1	P-1	P-4	P-1	P-1	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, PATCH AND REPAIR BEDROOM WALLS AFTER NURSE CALL REMOVAL
4B-74A	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING
4B-75	1 BED	WSF-1	WSF-1	P-1	P-1	P-1	P-4	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, PATCH AND REPAIR BEDROOM WALLS AFTER NURSE CALL REMOVAL
4B-75A	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING
4B-76	1 BED	WSF-1	WSF-1	P-1	P-1	P-1	P-4	EXISTING	ADD TAMPER-PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, PATCH AND REPAIR BEDROOM WALLS AFTER NURSE CALL REMOVAL
4B-76A	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PATCH AND REPAIR WALL AREA WHERE NURSE CALL IS REMOVED, ADD METAL PLATE WITH ROUNDED CORNERS TO COVER, MOUNT PLATE WITH FLUSH, TAMPER-PROOF SCREWS, SEAL ALL SEAMS WITH TAMPER-PROOF CAULKING
4B-C1	CORRIDOR	WSF-1/WSF-2/EXISTING TERRAZZO	RB-1	P-1	P-1	P-1	P-1	EXISTING	ADD TAMPER PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, SEE FLOOR FINISH PLAN FOR WSF-1 PATTERN, GRAIN DIRECTION AND SEAMING, EXISTING TERRAZZO INLAY TO REMAIN
4B-C2	SALLY PORT	WSF-1/WSF-2/EXISTING TERRAZZO	RB-1	P-1	P-1	P-1	P-1	METAL SECURITY	ADD TAMPER PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, SEE FLOOR FINISH PLAN FOR WSF-1 PATTERN, GRAIN DIRECTION AND SEAMING, EXISTING TERRAZZO INLAY TO REMAIN
4B-C3	CORRIDOR	WSF-1/WSF-2	WSF-2	P-1	P-1	P-1	P-1	METAL SECURITY	ADD TAMPER PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, SEE FLOOR FINISH PLAN FOR WSF-1 PATTERN, GRAIN DIRECTION AND SEAMING
4B-C4	CORRIDOR	WSF-1/WSF-2	WSF-2	P-1	P-1	P-1	P-1	METAL SECURITY	ADD TAMPER PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, SEE FLOOR FINISH PLAN FOR WSF-1 PATTERN, GRAIN DIRECTION AND SEAMING
4B-C5	CORRIDOR	WSF-1/WSF-2	WSF-2	P-1	P-1	P-1	P-1	METAL SECURITY	ADD TAMPER PROOF CAULKING TO ALL SEAMS AT TOP AND SIDES OF WSF SELF-COVING AND TRIM, SEE FLOOR FINISH PLAN FOR WSF-1 PATTERN, GRAIN DIRECTION AND SEAMING

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

1. INSTALL TAMPER-PROOF SEALANT IN ALL AREAS OF WORK. THIS IS NOT LIMITED TO SEAMS, JOINTS, NEW COVER PLATES, ACCESS PANELS, PLATES, FLOORS, BASE, WALL PROTECTION, EXISTING COVER PLATES, FLANGES, ELECTRICAL FIXTURES, MECHANICAL AND PLUMBING FIXTURES, OR FIRE ALARM FIXTURES. BUT FOR ANY AREA THAT CAN CREATE A LIGATURE POINT AND SAFETY HAZARD FOR PATIENTS. TAMPER-PROOF SEALANT TO BE REVIEWED WITH COR.
2. INSTALL TAMPER-PROOF, FLUSH SCREWS, ACCESSORIES, ACCESS PANELS, FIXTURES, AND FURNISHINGS IN PATIENT ROOMS AND CORRIDORS, AND AREAS WHERE PATIENTS WILL HAVE ACCESS. TAMPER-PROOF FLUSH SCREW ATTACHMENT TO BE REVIEWED WITH COR.
3. PATCH AND REPAIR WALL AND FINISH WHERE MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM ITEMS WERE REMOVED. PROVIDE TAMPER-PROOF SEALANT WHERE AROUND ALL SEAMS CREATED.
4. ALL INFILL AND PATCHWORK SHALL MATCH ADJACENT SURFACES IN FINISH AND TEXTURE. ITEMS TO INCLUDE, BUT NOT LIMITED TO, WALLS, CEILINGS, AND FLOORING. MATCH NEW ADJACENT FINISHES WHERE PRESENT. SEE ROOM FINISH SCHEDULE.

ROOM FINISH LEGEND:

CPT	CARPET TILE, 24"X24"
P-1	PAINT (FIELD)
P-2	PAINT (CEILING)
P-3	PAINT (ACCENT)
P-4	PAINT (ACCENT)
EXISTING	EXISTING FINISH TO REMAIN
METAL SECURITY	METAL SECURITY CEILING TILE SYSTEM
RB-1	RESILIENT BASE
WSF-1	WELDED SHEET FLOORING (WOOD GRAIN PATTERN), SEE FLOOR FINISH PLAN FOR PATTERN DIRECTION AND SEAMING
WSF-2	WELDED SHEET FLOORING (LINEN PATTERN)

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT — JAMES W. LUCKHURST — NO. 3 — SOUTH DAKOTA — 7.17.24

ARCHITECT/ENGINEER OF RECORD

FOURFRONT DESIGN, INC.
517 7TH STREET
RAPID CITY, SOUTH DAKOTA 57701
PH: (605) 342-9470
FAX: (605) 342-2377
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4F PROJECT NUMBER: 19.2481.A22

Drawing Title: ROOM FINISH SCHEDULE

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102

Date: 7/17/2024 | Checked: MD | Drawn: MD, ER

Project Number: 437-23-103

Building Number: 9

Drawing Number: A5.00

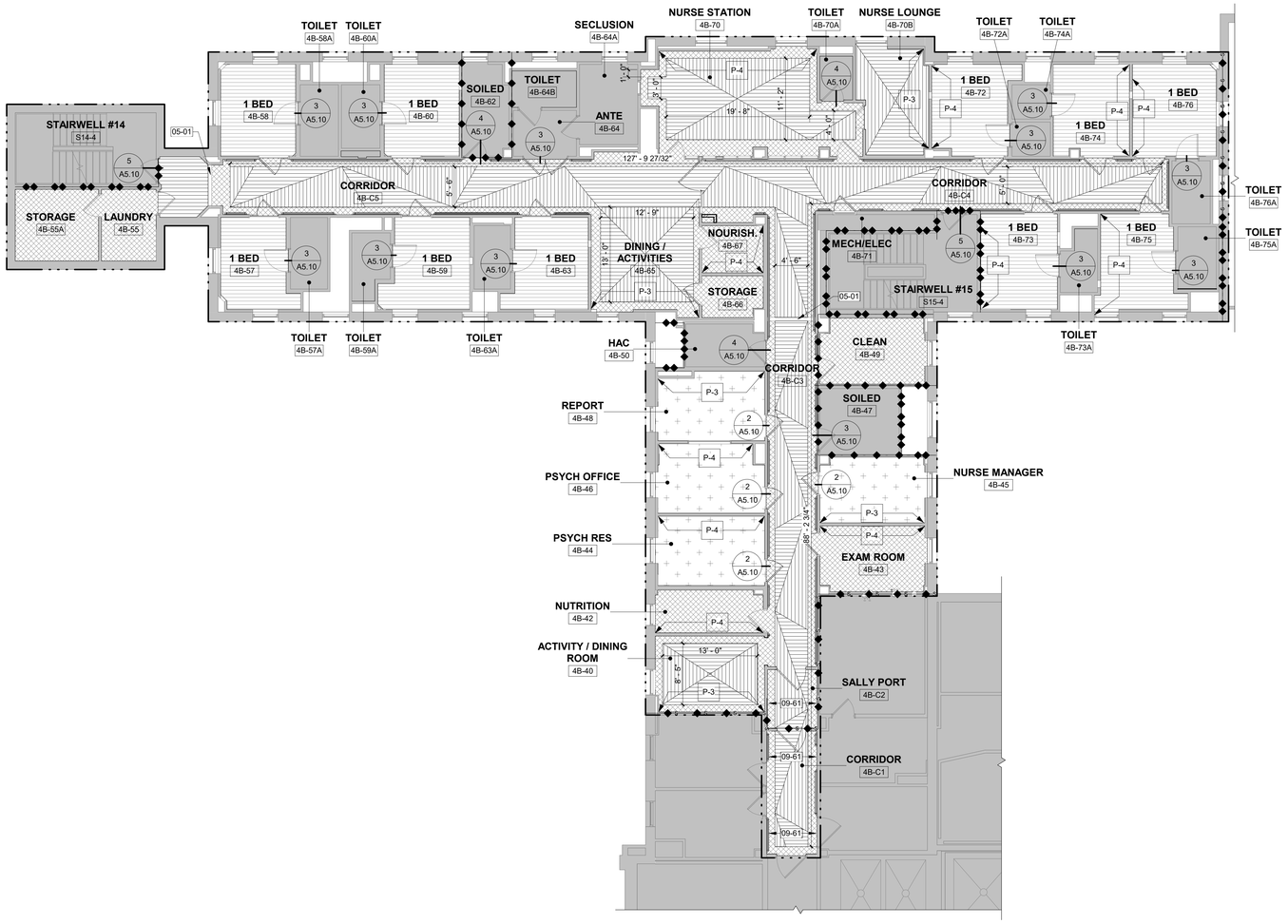
Dwg. 12 of 39

Office of Construction and Facilities Management

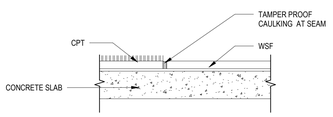
Department of Veterans Affairs

7/15/2024 8:12:16 PM

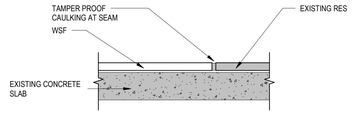
VA FORM 08-6231



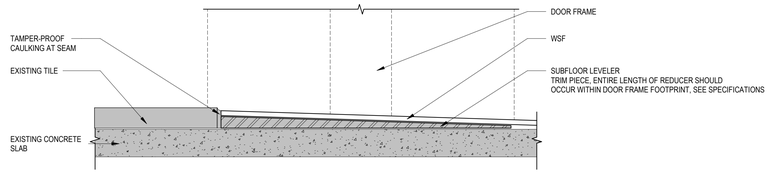
1 FLOOR & WALL FINISH PLAN - WING 4B
1/8" = 1'-0"



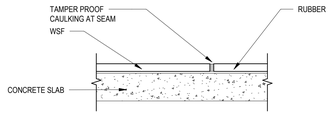
2 CPT TO WSF
12" = 1'-0"



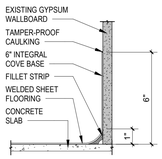
3 WSF TO RES
12" = 1'-0"



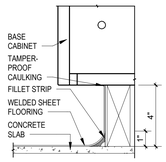
4 TILE TO WSF
12" = 1'-0"



5 WSF TO RUBBER
12" = 1'-0"



6 INTEGRAL COVE BASE
3" = 1'-0"



7 COVE BASE ON CASEWORK
3" = 1'-0"

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

1. INSTALL TAMPER-PROOF SEALANT IN ALL AREAS OF WORK. THIS IS NOT LIMITED TO SEAMS, JOINTS, NEW COVER PLATES, ACCESS PANELS, PLATES, FLOORS, BASE, WALL PROTECTION, EXISTING COVER PLATES, FLANGES, ELECTRICAL FIXTURES, MECHANICAL AND PLUMBING FIXTURES, OR FIRE ALARM FIXTURES, BUT FOR ANY AREA THAT CAN CREATE A LIGATURE POINT AND SAFETY HAZARD FOR PATIENTS. TAMPER-PROOF SEALANT TO BE REVIEWED WITH COR.
2. INSTALL TAMPER-PROOF, FLUSH SCREWS, ACCESSORIES, ACCESS PANELS, FIXTURES, AND FURNISHINGS IN PATIENT ROOMS AND CORRIDORS, AND AREAS WHERE PATIENTS WILL HAVE ACCESS. TAMPER-PROOF FLUSH SCREW ATTACHMENT TO BE REVIEWED WITH COR.
3. PATCH AND REPAIR WALL AND FINISH WHERE MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM ITEMS WERE REMOVED. PROVIDE TAMPER-PROOF SEALANT AROUND ALL SEAMS CREATED.
4. ALL INFILL AND PATCHWORK SHALL MATCH ADJACENT SURFACES IN FINISH AND TEXTURE. ITEMS TO INCLUDE, BUT NOT LIMITED TO, WALLS, CEILINGS, AND FLOORING. MATCH NEW ADJACENT FINISHES WHERE PRESENT. SEE ROOM FINISH SCHEDULE.
5. ALL CHANGES IN FLOOR MATERIALS OCCUR AT THE FOLLOWING LOCATIONS, UNLESS NOTED OTHERWISE: 1) AT THE CENTER LINE OF DOORS IN THE CLOSED POSITION, OR 2) AT THE CENTER LINE OF OPENINGS SEPARATING ROOMS.
6. SEE SHEET A5.00 FOR FINISH SCHEDULE AND PAINT LOCATIONS.
7. COORDINATE FLOORING WITH PHASING ON SHEET G1.00.

KEYNOTES:

05-01	INSTALL EXISTING EXPANSION COVER PLATE; USE TAMPER-PROOF FLUSH SCREW ATTACHMENT
09-61	EXISTING TERRAZZO FLOORING INLAY AT BASE TO REMAIN

FLOOR FINISH LEGEND:

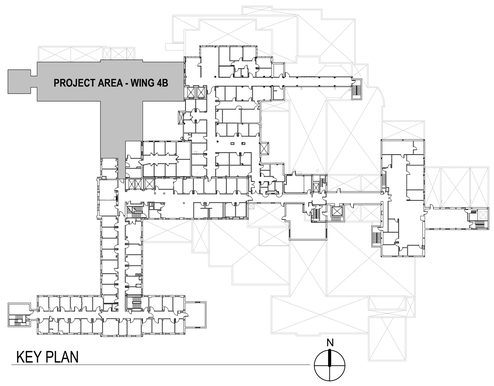
- CPT-1 - CARPET TILE
- EXISTING - TO REMAIN AS-IS
- WSF-1 - WELDED SEAM FLOORING, WOOD PATTERN, HORIZONTAL GRAIN
- WSF-1 - WELDED SEAM FLOORING, WOOD PATTERN, VERTICAL GRAIN
- WSF-2 - WELDED SEAM FLOORING, LINEN PATTERN

WALL RATING LEGEND:

- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER

SHEET LEGEND:

- LIMITS OF PROJECT/CONSTRUCTION UNDER THIS CONTRACT
- AREA OF WORK NOT IN THE SCOPE. EXISTING TO REMAIN
- P-# ACCENT WALL PAINT



KEY PLAN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT REG. NO. 7917 JAMES W. HOUGEN SOUTH DAKOTA 7.17.24

ARCHITECT/ENGINEER OF RECORD

FOURFRONT DESIGN, INC.
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4F PROJECT NUMBER: 19.2481.A22

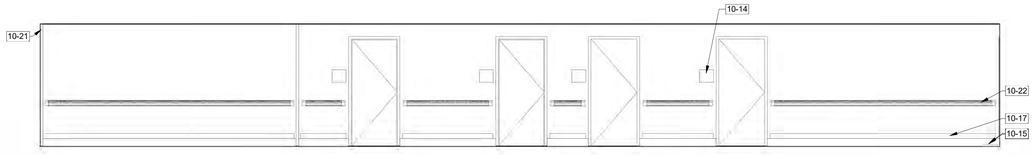
Drawing Title	FLOOR AND WALL FINISH PLAN
Project Title	UPDATE WING 4B
Project Number	437-23-103
Building Number	9
Approved: Project Director	
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Drawing Number	A5.10
Date	7/17/2024
Checked	MD
Drawn	MD, ER
Dwg.	13 of 39

Office of Construction and Facilities Management

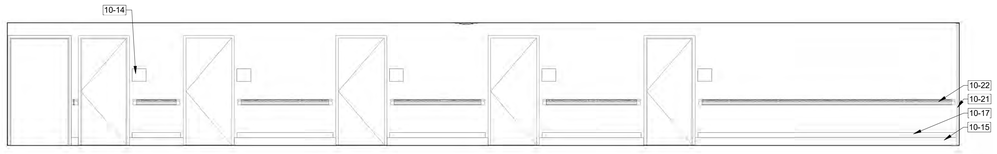
Department of Veterans Affairs

7/15/2024 8:12:19 PM

VA FORM 08-6231

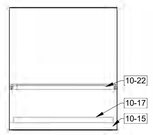


1 4B-C3 CORRIDOR EAST
1/4" = 1'-0"

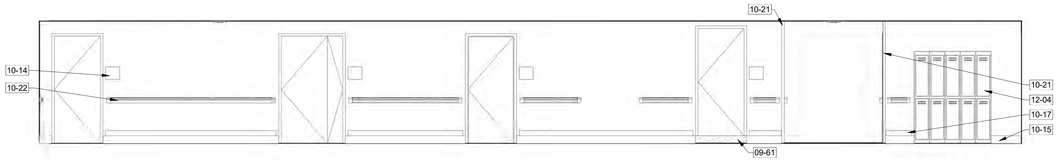


2 4B-C3 CORRIDOR WEST
1/4" = 1'-0"

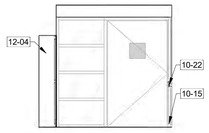
3 4B-C4 CORRIDOR NORTH
1/4" = 1'-0"



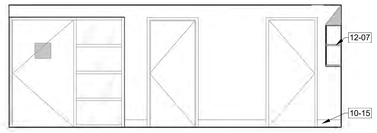
4 4B-C4 CORRIDOR EAST
1/4" = 1'-0"



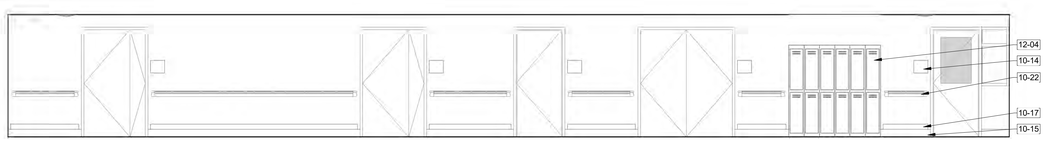
5 4B-C4 CORRIDOR SOUTH
1/4" = 1'-0"



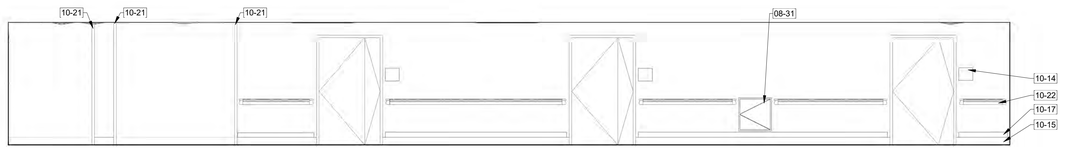
6 4B-C4 CORRIDOR WEST
1/4" = 1'-0"



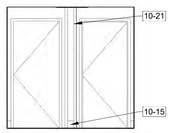
7 4B-C5 CORRIDOR EAST
1/4" = 1'-0"



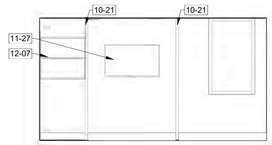
8 4B-C5 CORRIDOR NORTH
1/4" = 1'-0"



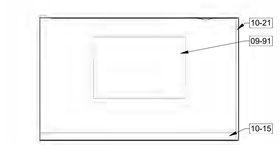
9 4B-C5 CORRIDOR SOUTH
1/4" = 1'-0"



10 4B-C5 CORRIDOR WEST
1/4" = 1'-0"



11 4B-65 ACTIVITIES SOUTH
1/4" = 1'-0"



12 4B-65 ACTIVITIES WEST
1/4" = 1'-0"

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

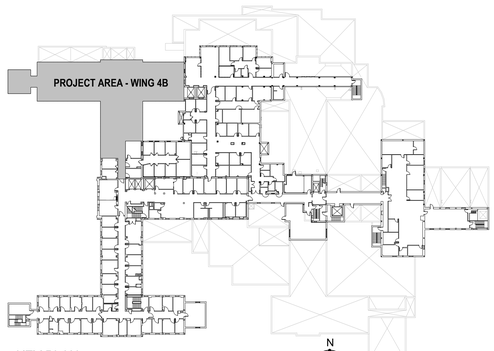
1. INSTALL TAMPER-PROOF SEALANT IN ALL AREAS OF WORK. THIS IS NOT LIMITED TO SEAMS, JOINTS, NEW COVER PLATES, EXISTING COVER PLATES, FLANGES, ELECTRICAL FIXTURES, MECHANICAL AND PLUMBING FIXTURES, OR FIRE ALARM FIXTURES, BUT FOR ANY AREA THAT CAN CREATE A LIGATURE POINT AND SAFETY HAZARD FOR PATIENTS. TAMPER-PROOF SEALANT TO BE REVIEWED WITH COR.
2. INSTALL TAMPER-PROOF, FLUSH SCREWS, ACCESSORIES, FIXTURES, AND FURNISHINGS IN PATIENT ROOMS AND CORRIDORS, AND AREAS WHERE PATIENTS WILL HAVE ACCESS TO. TAMPER-PROOF SCREW ATTACHMENT TO BE REVIEWED WITH COR.
3. PATCH AND REPAIR WALL AND FINISH WHERE MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM ITEMS WERE REMOVED. PROVIDE TAMPER-PROOF SEALANT AROUND ALL SEAMS CREATED.
4. ALL INFILL AND PATCHWORK SHALL MATCH ADJACENT SURFACES IN FINISH AND TEXTURE. ITEMS TO INCLUDE, BUT NOT LIMITED TO, WALLS, CEILINGS, AND FLOORING. MATCH NEW ADJACENT FINISHES WHERE PRESENT. SEE ROOM FINISH SCHEDULE.
5. SIGNAGE TO BE HAND PAINTED BY CONTRACTOR, UTILIZING FARGO VA HEALTHCARE SYSTEM'S ESTABLISHED PROCESS.
6. CONTRACTOR TO CREATE NECESSARY TEMPLATES FOR USE IN SIGN MAKING.
7. REFER TO SPECIFICATION 10 14 00 SIGNAGE AND 09 06 00 SCHEDULE FOR FINISHES FOR HAND PAINTED SIGNAGE, FONT, FONT SIZE AND DESCRIPTION OF PROCESS.

KEYNOTES:

08-31	NEW 22"X22" ACCESS DOOR
09-61	EXISTING TERRAZZO FLOORING INLAY AT BASE TO REMAIN
09-91	CONTRACTOR TO PROTECT AND PAINT AROUND EXISTING WHITEBOARD COATING, SEE ROOM FINISH SCHEDULE FOR PAINT COLOR
10-14	NEW HAND-PAINTED ROOM SIGNAGE. SIGNAGE TO BE CREATED BY CONTRACTOR, SEE SPECIFICATION SECTION 10 14 00, C/C
10-15	NEW WELDED SHEET FLOORING COVE BASE, C/C
10-16	RESILIENT WALL BASE, C/C
10-17	NEW BUMPER RAIL, C/C
10-21	NEW CORNER GUARD, C/C
10-22	NEW BEHAVIORAL HEALTH HANDRAIL, C/C
11-27	EXISTING TELEVISION, V/C
12-04	RE-INSTALL EXISTING METAL LOCKERS, C/C
12-07	EXISTING SLOPE TOP SHELVING

ABBREVIATION LEGEND:

V/V: VA PROVIDED, VA INSTALLED
V/C: VA PROVIDED, CONTRACTOR INSTALLED
C/C: CONTRACTOR PROVIDED, CONTRACTOR INSTALLED



KEY PLAN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT
MARK W. MUSBOUGH
NORTH DAKOTA
7.17.24

ARCHITECT/ENGINEER OF RECORD

FOURFRONT DESIGN, INC.
517 7TH STREET
RAPID CITY, SOUTH DAKOTA 57701
PH: (605) 342-9470
FAX: (605) 342-2377
WWW.FOURFRONTDESIGN.COM

4F PROJECT NUMBER: 19.2481.A22

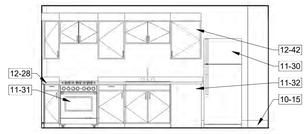
Drawing Title	INTERIOR ELEVATIONS
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date	7/17/2024
Checked	MD
Drawn	ER
Project Number	437-23-103
Building Number	9
Drawing Number	A5.20
	Dwg. 14 of 39

Office of Construction and Facilities Management

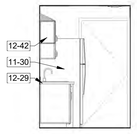
Department of Veterans Affairs

7/15/2024 6:12:24 PM

VA FORM 08-6231

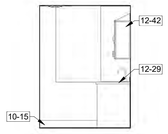


1 4B-42 NUTRITION NORTH
1/4" = 1'-0"

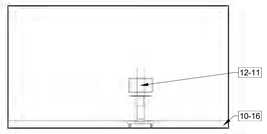


2 4B-42 NUTRITION EAST
1/4" = 1'-0"

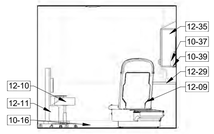
3 4B-42 NUTRITION SOUTH
1/4" = 1'-0"



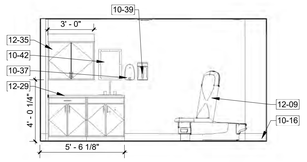
4 4B-42 NUTRITION WEST
1/4" = 1'-0"



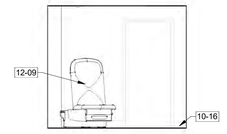
5 4B-43 EXAM ROOM NORTH
1/4" = 1'-0"



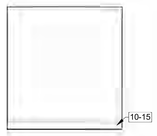
6 4B-43 EXAM ROOM EAST
1/4" = 1'-0"



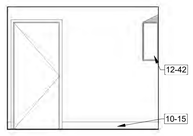
7 4B-43 EXAM ROOM SOUTH
1/4" = 1'-0"



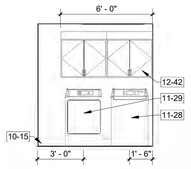
8 4B-43 EXAM ROOM WEST
1/4" = 1'-0"



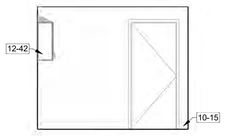
9 4B-55 LAUNDRY NORTH
1/4" = 1'-0"



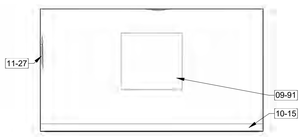
10 4B-55 LAUNDRY EAST
1/4" = 1'-0"



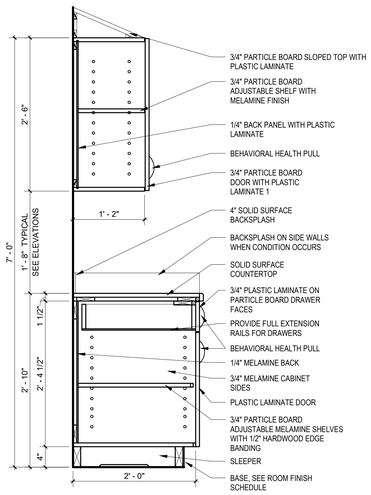
11 4B-55 LAUNDRY SOUTH
1/4" = 1'-0"



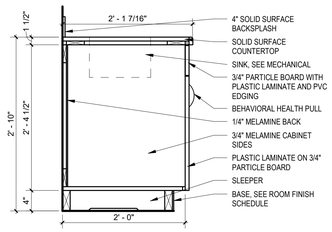
12 4B-55 LAUNDRY WEST
1/4" = 1'-0"



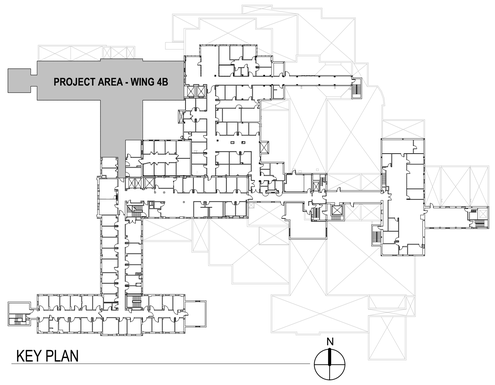
13 ACTIVITY / DINING ROOM SOUTH
1/4" = 1'-0"



14 BASE AND UPPER CABINETS
1" = 1'-0"



15 BASE CABINET WITH SINK
1" = 1'-0"



KEY PLAN

GENERAL NOTES:

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2. SEE SHEET G0.01 FOR GENERAL NOTES.

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6. CONTRACTOR TO CREATE NECESSARY TEMPLATES FOR USE IN SIGN MAKING.
7. REFER TO SPECIFICATION 10 14 00 SIGNAGE AND 09 06 00 SCHEDULE FOR FINISHES FOR HAND PAINTED SIGNAGE, FONT, FONT SIZE AND DESCRIPTION OF PROCESS.
8. EXISTING BASE CABINETS AND COUNTERTOPS TO REMAIN; FLOORING TO BE COVED UP ON FACE OF CABINETRY.
9. EXISTING WALL CABINETS TO BE REMOVED AND SALVAGED. TO BE REINSTALLED BY CONTRACTOR.
10. ALL APPLIANCES TO BE REINSTALLED BY THE VA.

KEYNOTES:

09-91	CONTRACTOR TO PROTECT AND PAINT AROUND EXISTING WHITEBOARD COATING, SEE ROOM FINISH SCHEDULE FOR PAINT COLOR
10-15	NEW WELDED SHEET FLOORING COVE BASE, C/C
10-16	RESILIENT WALL BASE, C/C
10-37	BEHAVIORAL HEALTH SOAP DISPENSER, V/V
10-39	BEHAVIORAL HEALTH SURFACE MOUNTED PAPER TOWEL DISPENSER, V/V
10-42	BEHAVIORAL HEALTH MIRROR, V/V
11-27	EXISTING TELEVISION, V/C
11-28	EXISTING WASHER, V/C
11-29	EXISTING DRYER, V/C
11-30	EXISTING REFRIGERATOR, V/C
11-31	EXISTING RANGE, V/C
11-32	EXISTING DISHWASHER, V/C
12-09	EXAM TABLE, V/V
12-10	PHYSICIAN'S STOOL, V/V
12-11	MOBILE LAPTOP STATION, V/V
12-28	EXISTING BASE CABINET AND COUNTERTOP TO REMAIN
12-29	SOLID SURFACE COUNTERTOP AND BACKSPLASH, TYPICAL, C/C
12-35	LOCKABLE SLOPE TOP PLASTIC LAMINATE WALL CABINETS, TYPICAL, C/C
12-42	REINSTALL EXISTING SALVAGED LOCKABLE SLOPE TOP PLASTIC LAMINATE WALL CABINETS, TYPICAL, GC TO VERIFY IN THE FIELD ALL EXISTING MOUNTING HEIGHTS FOR WALL CABINETS

ABBREVIATION LEGEND:

V/V: VA PROVIDED, VA INSTALLED
V/C: VA PROVIDED, CONTRACTOR INSTALLED
C/C: CONTRACTOR PROVIDED, CONTRACTOR INSTALLED

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT — JAMES W. HUSEBOUGH — NORTH DAKOTA — 7.17.24

ARCHITECT/ENGINEER OF RECORD

FOURFRONT DESIGN, INC.
517 7TH STREET
RAPID CITY, SOUTH DAKOTA 57701
PH: (605) 342-9470
FAX: (605) 342-2377
WWW.FOURFRONTDESIGN.COM

FOUR FRONT DESIGN INC.

4F PROJECT NUMBER: 19.2481.A22

Drawing Title	INTERIOR ELEVATIONS AND CASEWORK DETAILS
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date	7/17/2024
Checked	MD
Drawn	ER
Project Number	437-23-103
Building Number	9
Drawing Number	A5.21
Dwg.	15 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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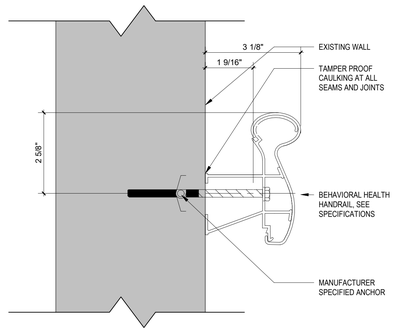
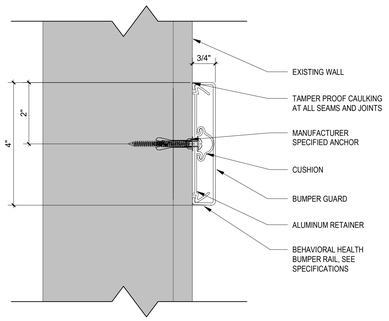
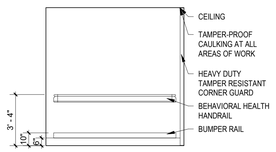


1 HANDRAIL DETAIL
6" = 1'-0"

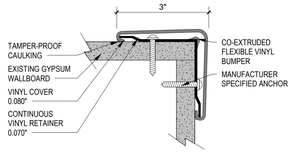


2 BUMPER RAIL DETAIL
6" = 1'-0"

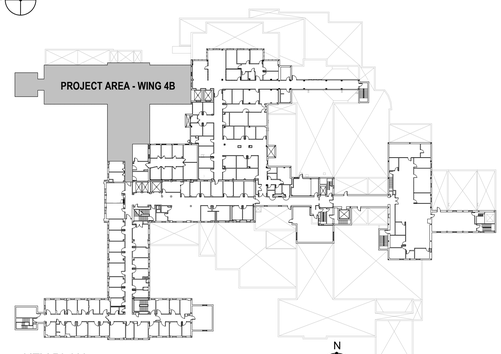
3 WALL PROTECTION PLAN - WING 4B
1/8" = 1'-0"



4 TYPICAL WALL PROTECTION ELEVATION
1/4" = 1'-0"



5 HEAVY DUTY TAMPER RESISTANT CORNER GUARD DETAIL
6" = 1'-0"



KEY PLAN

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2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

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2. CONTRACTOR TO CREATE NECESSARY TEMPLATES FOR USE IN SIGN MAKING.
3. REFER TO SPECIFICATION 10 14 00 SIGNAGE AND 09 06 00 SCHEDULE FOR FINISHES FOR HAND PAINTED SIGNAGE, FONT, FONT SIZE AND DESCRIPTION OF PROCESS.
4. DOCUMENT PLACEMENT AND CAREFULLY REMOVE AND STORE OVERHEAD SIGNAGE AND PLASTIC SIGNAGE THROUGHOUT THE UNIT. REINSTALL UPON WORK COMPLETION.
5. INSTALL TAMPER-PROOF SEALANT IN ALL AREAS OF WORK. THIS IS NOT LIMITED TO SEAMS, JOINTS, NEW COVER PLATES, EXISTING COVER PLATES, FLANGES, ELECTRICAL FIXTURES, MECHANICAL AND PLUMBING FIXTURES, OR FIRE ALARM FIXTURES, BUT FOR ANY AREA THAT CAN CREATE A LIGATURE POINT AND SAFETY HAZARD FOR PATIENTS. TAMPER-PROOF SEALANT TO BE REVIEWED WITH COR.
6. INSTALL TAMPER-PROOF, FLUSH SCREWS, ACCESSORIES, FIXTURES, AND FURNISHINGS IN PATIENT ROOMS AND CORRIDORS, AND AREAS WHERE PATIENTS WILL HAVE ACCESS TO. TAMPER-PROOF SCREW ATTACHMENT TO BE REVIEWED WITH COR.
7. PATCH AND REPAIR WALL AND FINISH WHERE MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM ITEMS WERE REMOVED. PROVIDE TAMPER-PROOF SEALANT WHERE REQUIRED.
8. ALL INFILL AND PATCHWORK SHALL MATCH ADJACENT SURFACES IN FINISH AND TEXTURE. ITEMS TO INCLUDE, BUT NOT LIMITED TO, WALLS, CEILINGS, AND FLOORING. MATCH NEW ADJACENT FINISHES WHERE PRESENT. SEE ROOM FINISH SCHEDULE.
9. CUT BUMPER RAILS FLUSH TO FURNISHINGS. WHERE FURNISHINGS ARE TIGHT AGAINST A WALL. ADD TAMPER-PROOF SEALANT TO ALL SEAMS CREATED.
10. ADD TAMPER-PROOF SEALANT TO ALL GAPS CREATED WHERE FURNISHINGS MEET THE SELF-COVED BASE.

KEYNOTES:

10-21	NEW CORNER GUARD, C/C

WALL RATING LEGEND:

1 HOUR FIRE BARRIER
1 HOUR SMOKE BARRIER
2 HOUR FIRE BARRIER

WALL PROTECTION LEGEND:

NEW BEHAVIORAL HEALTH HANDRAIL, SEE TYPICAL WALL PROTECTION ELEVATION, THIS SHEET

NEW BUMPER RAIL, SEE TYPICAL WALL PROTECTION ELEVATION, THIS SHEET

SHEET LEGEND:

LIMITS OF PROJECT/CONSTRUCTION UNDER THIS CONTRACT

AREA OF WORK NOT IN THE SCOPE. EXISTING TO REMAIN

P-# ACCENT WALL PAINT

ABBREVIATION LEGEND:

V/I: VA PROVIDED, VA INSTALLED
V/C: VA PROVIDED, CONTRACTOR INSTALLED
C/C: CONTRACTOR PROVIDED, CONTRACTOR INSTALLED

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT — REG. NO. — JAMES W. CUSHBOTH — SOUTH DAKOTA — 7.17.24

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4F PROJECT NUMBER: 19.2481.A22

Drawing Title: WALL PROTECTION PLAN AND DETAILS
Approved: Project Director
Project Title: UPDATE WING 4B
Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date: 7/17/2024 | Checked: MD | Drawn: ER
Project Number: 437-23-103
Building Number: 9
Drawing Number: A5.30
Dwg. 16 of 39

Office of Construction and Facilities Management
Department of Veterans Affairs

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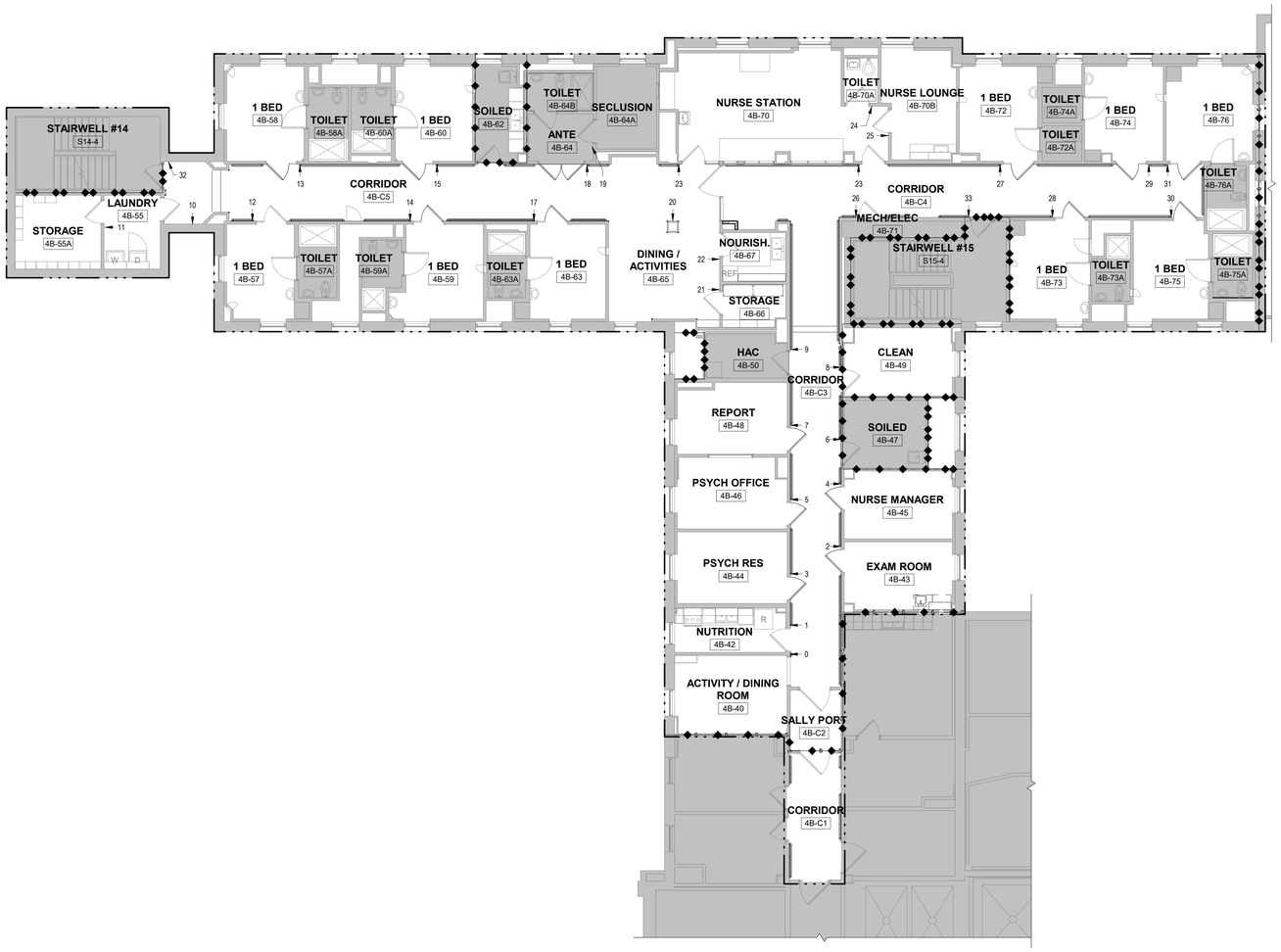
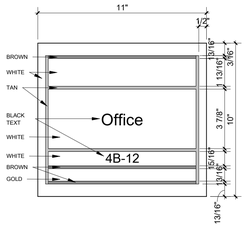
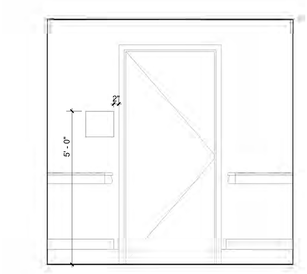
VA FORM 08-6231



1 SIGNAGE LOCATION PLAN - WING 4B
1/8" = 1'-0"



2 ENLARGED TYPICAL SIGN
3" = 1'-0"



3 SIGNAGE PLACEMENT, TYPICAL
1/2" = 1'-0"

SIGNAGE SCHEDULE

Sign Number	Room Number	Sign Title	Notes
0	4B-40	Activity / Dining Room	
1	4B-42	Nutrition Room	
2	4B-43	Clinical Social Worker	
3	4B-44	Workroom	
4	4B-45	Mental Health Nurse Manager	
5	4B-46	Inpatient Psychiatrist	
6	4B-47	Soiled Utility Room	Oxygen Storage No Open Flames (RED BACKGROUND, WHITE TEXT AT TOP PORTION OF SIGN)
7	4B-48	Interdisciplinary Room	
8	4B-49	Clean Supply / Linen Room	Oxygen Storage No Open Flames (RED BACKGROUND, WHITE TEXT AT TOP PORTION OF SIGN)
9	4B-50	Housekeeping Closet	
10	4B-55	Laundry	
11	4B-55A	Storage	
12	4B-57	Patient Room	
-	4B-57A	-	NO SIGN
13	4B-58	Patient Room	
-	4B-58A	-	NO SIGN
14	4B-59	Patient Room	
-	4B-59A	-	NO SIGN
15	4B-60	Patient Room	
-	4B-60A	-	NO SIGN
16	4B-62	Soiled Utility	
17	4B-63	Patient Room	
-	4B-63A	-	NO SIGN
18	4B-64	-	NO ROOM TITLE
19	4B-64A	-	NO ROOM TITLE
-	4B-64B	-	NO SIGN
20	4B-65	Activity / Dining Room	
21	4B-66	Storage	
22	4B-67	Nourishment Room	
23	4B-70	Nurse Station	1 SIGN AT EACH ENTRANCE
24	4B-70A	Restroom	
25	4B-70B	Nurse Lounge	
26	4B-71	Mech/Elect.	
27	4B-72	Patient Room	
-	4B-72A	-	NO SIGN
28	4B-73	Patient Room	
-	4B-73A	-	NO SIGN
29	4B-74	Patient Room	
-	4B-74A	-	NO SIGN
30	4B-75	Patient Room	
-	4B-75A	-	NO SIGN
31	4B-76	Patient Room	
-	4B-76A	-	NO SIGN
-	4B-C1	-	NO SIGN
-	4B-C2	-	NO SIGN
-	4B-C3	-	NO SIGN
-	4B-C4	-	NO SIGN
-	4B-C5	-	NO SIGN
32	S14-4	Stairwell 14	
33	S15-4	Stairwell 15	

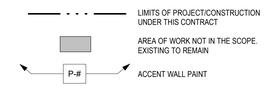
GENERAL NOTES:

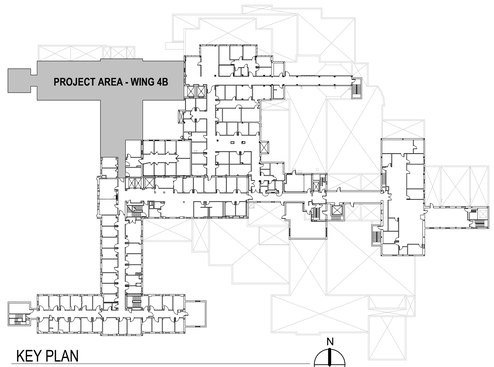
1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

1. SIGNAGE TO BE HAND PAINTED BY CONTRACTOR, UTILIZING FARGO VA HEALTHCARE SYSTEM'S ESTABLISHED PROCESS.
2. CONTRACTOR TO CREATE NECESSARY TEMPLATES FOR USE IN SIGN MAKING
3. REFER TO SPECIFICATION 10 14 00 SIGNAGE AND 09 06 00 SCHEDULE FOR FINISHES FOR HAND-PAINTED SIGNAGE, FONT, FONT SIZE, AND DESCRIPTION OF PROCESS.
4. DOCUMENT PLACEMENT AND CAREFULLY REMOVE AND STORE OVERHEAD SIGNAGE AND PLASTIC SIGNAGE THROUGHOUT THE UNIT REINSTALL UPON WORK COMPLETION.

SHEET LEGEND:





BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT — ALEX W. LUSBOUGH — NORTH DAKOTA — 7.17.24

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4F PROJECT NUMBER: 19.2481.A22

Drawing Title	SIGNAGE PLAN, SCHEDULE AND DETAILS
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date	7/17/2024
Checked	MD
Drawn	MD, ER
Project Number	437-23-103
Building Number	9
Drawing Number	A5.40
Dwg.	17 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

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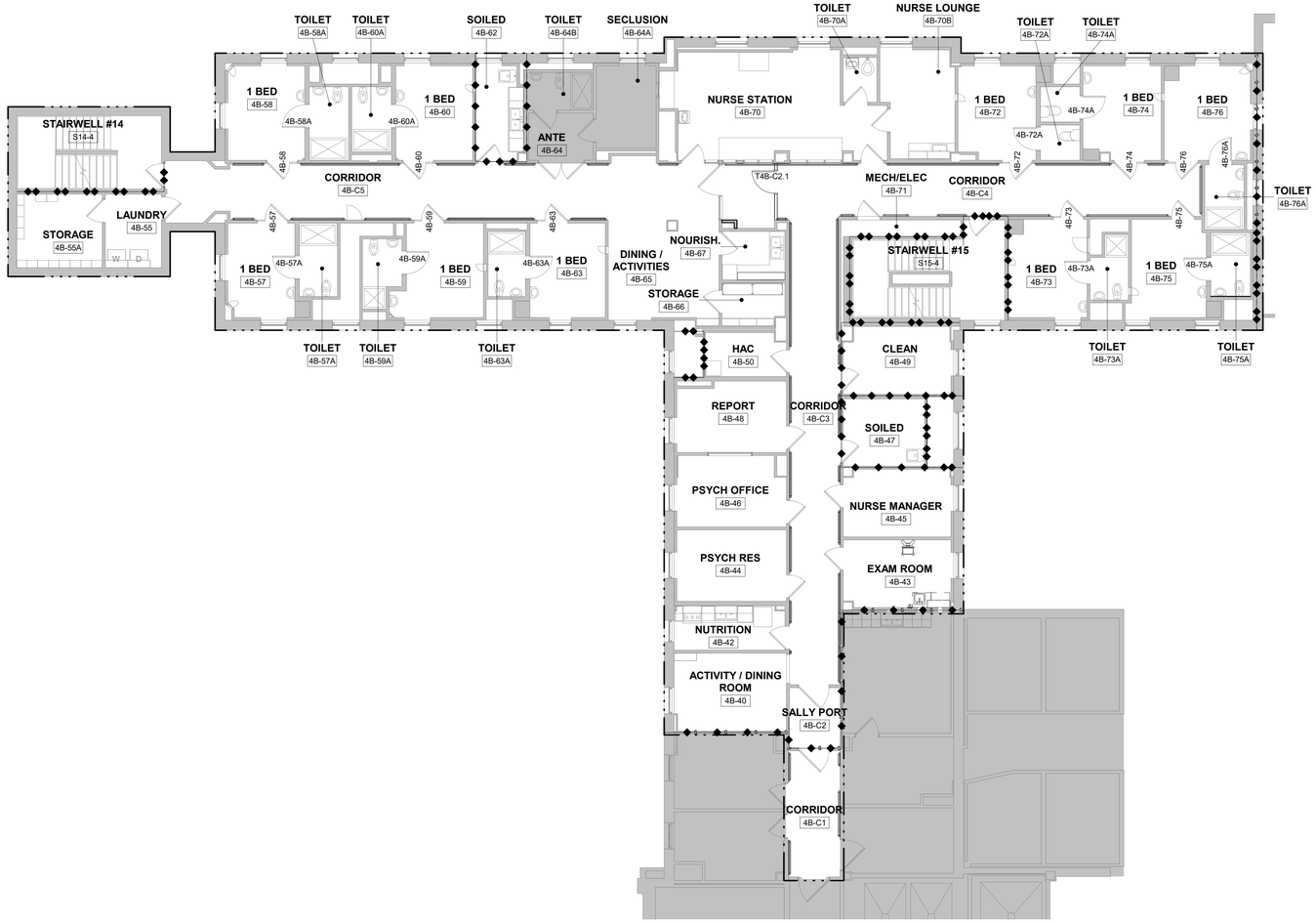
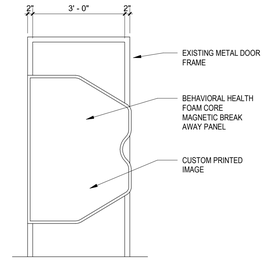
DOOR SCHEDULE

DOOR NUMBER	Room Name	FIRE RATING	PANEL COUNT	Panel Width	PANEL WIDTH 2	PANEL HEIGHT	PANEL THICKNESS	PANEL TYPE	PANEL MATERIAL	PANEL FINISH	GLAZING TYPE	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HEAD	JAMB	SILL	HARDWARE GROUP	COMMENTS
4B-57	1 BED	-	2	3' - 0"	1' - 0"	7' - 0"	EXISTING 1 3/4"	EXISTING WD-F	EXISTING WD	EXISTING PLAM	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING	2	REQUIRED ANTI-LIGATURE DEVICE, SEE DOOR HARDWARE SETS IN SPECIFICATIONS.
4B-57A	TOILET	-	1		3' - 0"	7' - 0"	-	SSPD-1	FC	CUSTOM PRINT IMAGE	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING		
4B-58	1 BED	-	2	3' - 0"	1' - 0"	7' - 0"	EXISTING 1 3/4"	EXISTING WD-F	EXISTING WD	EXISTING PLAM	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING	2	REQUIRED ANTI-LIGATURE DEVICE, SEE DOOR HARDWARE SETS IN SPECIFICATIONS.
4B-58A	TOILET	-	1		3' - 0"	7' - 0"	-	SSPD-1	FC	CUSTOM PRINT IMAGE	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING		
4B-59	1 BED	-	2	3' - 0"	1' - 0"	7' - 0"	EXISTING 1 3/4"	EXISTING WD-F	EXISTING WD	EXISTING PLAM	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING	2	REQUIRED ANTI-LIGATURE DEVICE, SEE DOOR HARDWARE SETS IN SPECIFICATIONS.
4B-59A	TOILET	-	1		3' - 0"	7' - 0"	-	SSPD-1	FC	CUSTOM PRINT IMAGE	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING		
4B-60	1 BED	-	2	3' - 0"	1' - 0"	7' - 0"	EXISTING 1 3/4"	EXISTING WD-F	EXISTING WD	EXISTING PLAM	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING	2	REQUIRED ANTI-LIGATURE DEVICE, SEE DOOR HARDWARE SETS IN SPECIFICATIONS.
4B-60A	TOILET	-	1		3' - 0"	7' - 0"	-	SSPD-1	FC	CUSTOM PRINT IMAGE	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING		
4B-63	1 BED	-	2	3' - 0"	1' - 0"	7' - 0"	EXISTING 1 3/4"	EXISTING WD-F	EXISTING WD	EXISTING PLAM	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING	2	REQUIRED ANTI-LIGATURE DEVICE, SEE DOOR HARDWARE SETS IN SPECIFICATIONS.
4B-63A	TOILET	-	1		3' - 0"	7' - 0"	-	SSPD-1	FC	CUSTOM PRINT IMAGE		EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING		
4B-72	1 BED	-	2	3' - 0"	1' - 0"	7' - 0"	EXISTING 1 3/4"	EXISTING WD-F	EXISTING WD	EXISTING PLAM	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING	2	REQUIRED ANTI-LIGATURE DEVICE, SEE DOOR HARDWARE SETS IN SPECIFICATIONS.
4B-72A	TOILET	-	1		3' - 0"	7' - 0"	-	SSPD-1	FC	CUSTOM PRINT IMAGE	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING		
4B-73	1 BED	-	2	3' - 0"	1' - 0"	7' - 0"	EXISTING 1 3/4"	EXISTING WD-F	EXISTING WD	EXISTING PLAM	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING	2	REQUIRED ANTI-LIGATURE DEVICE, SEE DOOR HARDWARE SETS IN SPECIFICATIONS.
4B-73A	TOILET	-	1		3' - 0"	7' - 0"	-	SSPD-1	FC	CUSTOM PRINT IMAGE	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING		
4B-74	1 BED	-	2	3' - 0"	1' - 0"	7' - 0"	EXISTING 1 3/4"	EXISTING WD-F	EXISTING WD	EXISTING PLAM	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING	2	REQUIRED ANTI-LIGATURE DEVICE, SEE DOOR HARDWARE SETS IN SPECIFICATIONS.
4B-75A	TOILET	-	1		3' - 0"	7' - 0"	-	SSPD-1	FC	CUSTOM PRINT IMAGE	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING		
4B-75	1 BED	-	2	3' - 0"	1' - 0"	7' - 0"	EXISTING 1 3/4"	EXISTING F	FC	EXISTING PLAM	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING	2	REQUIRED ANTI-LIGATURE DEVICE, SEE DOOR HARDWARE SETS IN SPECIFICATIONS.
4B-75A	TOILET	-	1		3' - 0"	7' - 0"	-	SSPD-1	FC	CUSTOM PRINT IMAGE	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING		
4B-76	1 BED	-	2	3' - 0"	1' - 0"	7' - 0"	EXISTING 1 3/4"	EXISTING WD-F	EXISTING WD	EXISTING PLAM	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING	2	REQUIRED ANTI-LIGATURE DEVICE, SEE DOOR HARDWARE SETS IN SPECIFICATIONS.
4B-76A	TOILET	-	1		3' - 0"	7' - 0"	-	SSPD-1	FC	CUSTOM PRINT IMAGE	-	EXISTING HM	EXISTING HM	PAINT	EXISTING	EXISTING	EXISTING		
T4B-C2.1		45 MIN	1		4' - 0"	7' - 0"	1 3/4"	HW	HW	PT	DT	HW	HW	PAINT	-	-	-	3	ELECTRICAL



1 DOOR REFERENCE PLAN - WING 4B
1/8" = 1'-0"



2 BEHAVIORAL HEALTH BATHROOM DOOR PANEL
1/2" = 1'-0"

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42.
2. SEE SHEET G0.01 FOR GENERAL NOTES.

SHEET SPECIFIC NOTES:

1. ANY DISCREPANCIES OR CONFLICTS FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE COR BEFORE PROCEEDING WITH THE WORK.
2. CONTRACTOR AND SUBCONTRACTORS TO VERIFY ALL EXISTING CONDITIONS AT THE PROJECT SITE.
3. COORDINATE DOOR HARDWARE WITH ELECTRICAL DRAWING FOR SAFETY AND SECURITY ITEMS.
4. INSTALL TAMPER-PROOF RESISTANT SEALANT IN ALL AREAS OF WORK. THIS IS NOT LIMITED TO JUST SEAMS, JOINTS, NEW COVER PLATES, EXISTING COVER PLATES, FLANGES, ELECTRICAL FIXTURES, MECHANICAL AND PLUMBING FIXTURES, OR FIRE ALARM FIXTURES, BUT FOR ANY AREA THAT CAN CREATE A LIGATURE POINT AND SAFETY HAZARD FOR PATIENTS. TAMPER RESISTANT SEALANT TO BE REVIEWED WITH COR.
5. INSTALL TAMPER-PROOF SCREWS, ACCESSORIES, FIXTURES, AND FURNISHINGS IN PATIENT ROOMS AND CORRIDORS, AND AREAS WHERE PATIENTS WILL HAVE ACCESS TO TAMPER RESISTANT SCREW ATTACHMENT TO BE REVIEWED WITH COR.

WALL RATING LEGEND:

1 HOUR FIRE BARRIER
1 HOUR SMOKE BARRIER
2 HOUR FIRE BARRIER

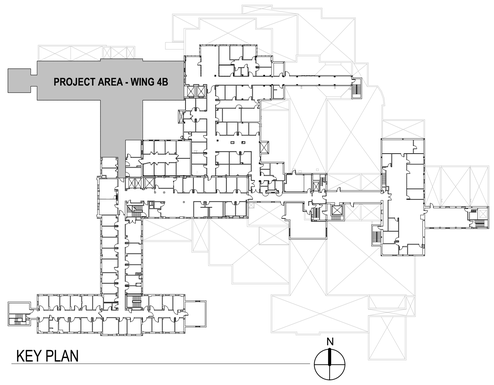
SHEET LEGEND:

LIMITS OF PROJECT/CONSTRUCTION UNDER THIS CONTRACT

AREA OF WORK NOT IN THE SCOPE. EXISTING TO REMAIN

DOOR LEGEND:

SSPD	SOFT SUICIDE PREVENTION DOOR
HM	HOLLOW METAL
PLAM	PLASTIC LAMINATE
WD-F	WOOD FLUSH FULL
FC	FOAM CORE



BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ARCHITECT — JAMES W. LUSEBRINK — SOUTH DAKOTA — 7.17.24

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WWW.FOURFRONTDESIGN.COM

4F PROJECT NUMBER: 19.2481.A22

Drawing Title: DOOR SCHEDULE, ELEVATIONS AND DETAILS

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102

Date: 7/17/2024 | Checked: JL | Drawn: KZ, TB

Project Number: 437-23-103

Building Number: 9

Drawing Number: A6.00

Dwg. 18 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

7/15/2024 8:12:40 PM

VA FORM 08-6231

MECHANICAL ABBREVIATIONS:

AC	ALTERNATING CURRENT
ADJ.	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AS	AIR SEPARATOR
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
BHP	BRAKE HORSEPOWER
BMS	BUILDING MANAGEMENT SYSTEM
CALC	CALCULATED
CC	CHILLED WATER COOLING COIL - AHU
CDR	STEAM CONDENSATE RETURN
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED (HYDRONIC) WATER RETURN
CHWS	CHILLED (HYDRONIC) WATER SUPPLY
C/L	CENTERLINE
CO	CLEANOUT
COEF	COEFFICIENT
COMLINK	COMMUNICATION LINK
COMB	COMBUSTION AIR
COND	CONDENSATE DRAIN
CONFIG	CONFIGURED
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CNTRL.	CONTROL
CP	CONDENSATE PUMP
CPVC	CHLORINATED POLYVINYL CHLORIDE
CPCI	CONTRACTOR-PROVIDED CONTRACTOR-INSTALLED
CPOI	CONTRACTOR-PROVIDED OWNER-INSTALLED
CV	CONTROL VALVE
CV	FLOW COEFFICIENT
CWR	CONDENSER (HYDRONIC) WATER RETURN
CWS	CONDENSER (HYDRONIC) WATER SUPPLY
DAMP.	DAMPER
DAT	DISCHARGE AIR TEMPERATURE
DB	DRY BULB
DC	DIRECT CURRENT
DCW	DOMESTIC (POTABLE) COLD WATER
DEG	DEGREES
DHW	DOMESTIC (POTABLE) HOT WATER
DHW-R	DOMESTIC (POTABLE) HOT WATER RETURN
DIFF.	DIFFERENTIAL
DIST	DISTRUBUTION
DS	DOWNSPOUT
DSP	DEHUMIDIFICATION SET POINT
DWV	DRAIN, WASTE AND VENT
(E)	EXISTING
E/A	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
ECC	ENERGY CONTROL CENTER
ELECT.	ELECTRICAL
ELEV	ELEVATION
ENT	ENTERING
ERC	ENERGY RECOVERY COIL - AHU
ES	END SWITCH
EWC	ELECTRIC WATER COOLER
F	FAHRENHEIT
FD	FLOOR DRAIN
FILT.	FILTER
FLUE	FLUE EXHAUST
FPM	FEET PER MINUTE
FP-W	FIRE PROTECTION - WET
FSNC	FORT SNELLING NATIONAL CEMETERY
FT	FEET
GAL	GALLONS
GALV	GALVANIZED
G.C.	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
GT	GLYCOL TANK
H	HEIGHT
H	HUMIDIFIER - AHU
HC	HVAC CONTRACTOR
HP	HORSEPOWER
HPS	HIGH PRESSURE STEAM
HR	HOUR
HRCR	HEAT RECOVERY RETURN
HRCS	HEAT RECOVERY SUPPLY
HRP	HEAT RECOVERY PUMP
HRV	HEAT RECOVERY VENTILATOR
HSP	HUMIDIFICATION SET POINT
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HWR	HOT (HYDRONIC) WATER RETURN
HWS	HOT (HYDRONIC) WATER SUPPLY
HX	HEAT EXCHANGER
Hz	HERTZ
IBC	INTERNATIONAL BUILDING CODE
IECC	INTERNAIONAL ENERGY CONSERVATION CODE
IFB	INTEGRAL FACE AND BYPASS
IJS	IN JOIST SPACE
IMC	INTERNATIONAL MECHANICAL CODE
I/O	INPUT/OUTPUT
IPC	INTERNATIONAL PLUMBING CODE
K.O.	COMMANDING OFFICER
L	LENGTH
LBS	POUNDS
LEED	LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN
LP	PROPANE GAS
LPS	LOW PRESSURE STEAM
LWA	SOUND POWER LEVEL
M/A	MIXED AIR
MAX	MAXIMUM
MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
MC	MECHANICAL CONTRACTOR
MD	MOTORIZED DAMPER
MECH	MECHANICAL
MFG	MANUFACTURER
MIN	MINIMUM
MIN	MINUTE
mm	MILLIMETER
MPS	MEDIUM PRESSURE STEAM
MT	MOISTURE (HUMIDITY) TRANSMITTER
MV	MANUAL VENT
N.C.	NORMALLY CLOSED
NC	NOISE CRITERIA LEVEL
NCA	NATIONAL CEMETERY ADMINISTRATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NG	NATURAL GAS
N.O.	NORMALLY OPEN
NPT	NATIONAL PIPE THREAD
O/A	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OPCI	OWNER-PROVIDED CONTRACTOR-INSTALLED
OPOI	OWNER-PROVIDED OWNER-INSTALLED
ORD	OVERFLOW ROOF DRAIN
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
Pa	PASCAL
PC	PUMPED CONDENSATE
PC	PREHEAT STEAM COIL - AHU
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PDS	PRESSURE DIFFERENTIAL SENSOR
PH	PHASE
PI	PROPORTIONAL INTEGRAL
PID	PROPORTIONAL INTEGRAL DERIVATIVE
PRESS.	PRESSURE
PSH	HIGH PRESSURE SWITCH
PSIG	POUNDS PER SQUARE INCH - GAUGE
PSL	LOW PRESSURE SWITCH
QUANT.	QUANTITY
R	RADIUS
R	RETURN
R/A	RETURN AIR
RE/A	RELIEF AIR
RC	REHEAT STEAM COIL - AHU
RD	ROOF DRAIN
RE	RESIDENT ENGINEER
RECT	RECTANGULAR
REQ'D	REQUIRED
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID (SUPPLY)
RS	REFRIGERANT SUCTION (RETURN)
RPM	REVOLUTIONS PER MINUTE
S	SUPPLY
S/A	SUPPLY AIR
SAN	SANITARY
S-DCW	SOFT DOMESTIC (POTABLE) COLD WATER
SD	SMOKE DAMPER
SF	FAN SECTION - AHU
SF	SQUARE FEET
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS ASSOCIATION
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SS	STAINLESS STEEL
SST	START/STOP
SUH	STEAM UNIT HEATER
SV	STEAM VALVE
SV	STEAM VENT
T	THERMOSTAT
TEMP.	TEMPERATURE
TSP	TOTAL STATIC PRESSURE
TT	TEMPERATURE SENSOR/TRANSMITTER
TYP	TYPICAL
UH	UNIT HEATER
V	VENT
V	VOLTS
VA	VETERANS' AFFAIRS
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VSMC	VARIABLE SPEED MOTOR CONTROLLER
VTR	VENT THROUGH ROOF
W	WIDTH
W/	WITH
WB	WET BULB
WG	INCHES OF WATER
ZAT	ZONE AIR TEMPERATURE
ZC	VALVE OR DAMPER CONTROLLER

MECHANICAL SYMBOLS

- SA — SUPPLY AIR DUCT FROM AHU
- S/A — SUPPLY AIR DUCT FROM VAV
- F/A — FRESH AIR DUCT FROM ERV
- O/A — OUTSIDE AIR DUCT TO AHU OR ERV
- EA — EXHAUST AIR DUCT TO AHU
- E/A — EXHAUST AIR DUCT TO EXTERIOR
- VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)
- VANED RADIUS ELBOW (SHORT RADIUS)
- RADIUS ELBOW (SHORT RADIUS)
- 10X8 — RECTANGULAR DUCT (INSIDE DIMENSIONS: WIDTH / DEPTH)
- 10/8 — OVAL DUCT (INSIDE DIMENSIONS: WIDTH / DEPTH)
- 10"ø — ROUND DUCT (INSIDE DIMENSIONS: WIDTH / DEPTH)
- 10X8 — SUPPLY DUCT UP
- 10X8 — SUPPLY DUCT DOWN
- 10X8 — RETURN DUCT UP
- 10X8 — RETURN DUCT DOWN
- 10X8 — EXHAUST DUCT UP
- 10X8 — EXHAUST DUCT DOWN
- M — MOTORIZED DAMPER W/ ACCESS DOOR
- FD — FIRE DAMPER W/ ACCESS DOOR
- FSD — FIRE AND SMOKE DAMPER W/ ACCESS DOOR
- SD — SMOKE DAMPER W/ ACCESS DOOR
- BD — BACKDRAFT DAMPER W/ ACCESS DOOR
- SUPPLY DIFFUSER
- RETURN GRILLE
- EXHAUST GRILLE
- S-1 / 575 CFM — GRILLE / REGISTER / DIFFUSER TAG W/ CFM
- DUCT FLEX CONNECTOR
- FLEX DUCT
- VARIABLE AIR VOLUME BOX (VAV) / TERMINAL UNIT (TU-XX-X)
- WALL MOUNTED EXHAUST FAN
- DUCT HOT WATER REHEAT COIL
- HEAT EXCHANGER
- BALL VALVE
- N.O. N.C. — GATE VALVE
- GLOBE VALVE
- CHECK VALVE
- OR — MODULATING CONTROL VALVE
- PRESSURE REDUCING VALVE
- MANUAL BALANCING / SHUT-OFF VALVE
- PRESSURE GAUGE
- TEMPERATURE GAUGE
- AHU-6 — MECHANICAL EQUIPMENT TAG WITH NUMBER DESIGNATION
- T — THERMOSTAT
- TS — TEMPERATURE SENSOR
- P — PRESSURE SENSOR
- SP — DIFFERENTIAL PRESSURE SENSOR
- H — HUMIDITY SENSOR
- STRAINER
- UNION
- CONCENTRIC PIPE REDUCER
- ECCENTRIC PIPE REDUCER
- PIPE ELBOW
- PIE TEE
- PIPE DOWN
- PIPE UP
- PIPE TEE DOWN
- PIPE TEE UP
- HWS — HOT WATER SUPPLY
- HWR — HOT WATER RETURN
- RHWS — REHEAT HOT WATER SUPPLY
- RHWR — REHEAT HOT WATER RETURN
- PHWS — PERIMETER HEATING WATER SUPPLY
- PHWR — PERIMETER HEATING WATER RETURN
- CHWS — CHILLED WATER SUPPLY
- CHWR — CHILLED WATER RETURN
- RL — REFRIGERANT - LIQUID
- RS — REFRIGERANT - SUCTION
- STM-LP — LOW PRESSURE STEAM
- STM-MP — MEDIUM PRESSURE STEAM
- STM-HP — HIGH PRESSURE STEAM
- CDR-L — LOW PRESSURE STEAM CONDENSATE RETURN
- CDR-M — MEDIUM PRESSURE STEAM CONDENSATE RETURN
- CDR-H — HIGH PRESSSURE STEAM CONDENSATE RETURN
- PC — PUMPED STEAM CONDENSATE RETURN
- STEAM BUCKET TRAP
- FLOAT & THERMOSTATIC TRAP
- STEAM THERMOSTATIC TRAP
- 2 — MECHANICAL PLAN NOTE
- POINT OF CONNECTION
- POINT OF DISCONNECTION
- TO BE DEMOLISHED
- S S — SMOKE BARRIER
- ONE HOUR FIRE BARRIER
- TWO HOUR FIRE BARRIER
- DIRECTION OF AIR FLOW

CONTROLS SYMBOLS

- T — ROOM THERMOSTAT/TRANSMITTER - WALL MOUNT
- M — ROOM HUMIDISTAT (MOISTURE)/TRANSMITTER - WALL MOUNT
- TT — TEMPERATURE TRANSMITTER
- TT — TEMPERATURE TRANSMITTER, AVERAGING ELEMENT
- MT — MOISTURE (HUMIDITY) TRANSMITTER
- PT — PRESSURE TRANSMITTER
- SPS — STATIC PRESSURE SENSOR
- FT — FLOW TRANSMITTER
- IT — CURRENT TRANSMITTER
- CT — CONDUCTIVITY TRANSMITTER
- SD — SMOKE DETECTOR
- PDT — PRESSURE DIFFERENTIAL TRANSMITTER
- PDS — PRESSURE DIFFERENTIAL SWITCH
- HS — HAND SWITCH (HAND-OFF-AUTO SWITCH)
- ZC — VALVE OR DAMPER POSITION CONTROLLER
- KR — LOCAL RECORDING TIME CLOCK (RUNTIME)
- TSL — TEMPERATURE SWITCH, LOW (FREEZESTAT)
- TSH — TEMPERATURE SWITCH, HIGH (FREEZESTAT)
- LC — LEVEL CONTROLLER
- CONTROL PANEL AND ENCLOSURE

CONTROLS SYMBOLS

- PSH — PRESSURE SWITCH HIGH
- PSL — PRESSURE SWITCH LOW
- EPT — ELECTRONIC TO PNEUMATIC TRANSDUCER
- AT CO2 — CARBON DIOXIDE TRANSMITTER
- AT CO — CARBON MONOXIDE TRANSMITTER
- AT OC — OCCUPANCY SENSOR
- LTCP — LOCAL TEMPERATURE CONTROL PANEL
- HVAC — HVAC CONTROL PANEL
- VSMC — VARIABLE SPEED MOTOR CONTROLLER
- PC — PROGRAMMABLE CONTROLLER
- ECC — INTEGRATE CONTROL POINT ON REMOTE GRAPHICS WORKSTATION AT ENERGY CONTROL CENTER
- TC — TEMPERATURE CONTROLLER. SEE SEQUENCE OF OPERATION
- PC — PRESSURE CONTROLLER. SEE SEQUENCE OF OPERATION
- SC — SPEED CONTROLLER. SEE SEQUENCE OF OPERATION
- FC — FLOW CONTROLLER. SEE SEQUENCE OF OPERATION
- FSH — FLOW SWITCH HIGH
- FSL — FLOW SWITCH LOW
- KC — TIME CLOCK CONTROLLING EQUIPMENT ON A SCHEDULE

GENERAL MECHANICAL NOTES:

ALL WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE (IMC 2021), INTERNATIONAL ENERGY CONSERVATION CODE (IEEC 2021), VA HVAC DESIGN MANUAL (REV 3/2024), SPECIFICATIONS AND GUIDELINES, AND ANY AUTHORITY HAVING JURISDICTION (AHJ). THIS IS A FEDERAL PROJECT, AS SUCH ALL CODE REQUIREMENTS ARE REQUIRED.

CONTRACTOR IS TO VERIFY ALL DRAWING INFORMATION PRIOR TO STARTING WORK. MINOR CHANGES IN ROUTING IS EXPECTED. WHERE WORK VARIES GREATLY FROM THE PLANS CONTRACTOR SHALL CONTACT THE AE IMMEDIATELY BEFORE STARTING WORK.

EXCEPT WHERE INDICATED, ALL EQUIPMENT, MATERIALS, AND ARTICLES INCORPORATED IN THE WORK SHALL BE NEW AND OF COMPARABLE QUALITY AS SPECIFIED. ALL WORKMANSHIP SHALL BE FIRST-CLASS AND SHALL BE PERFORMED BY PERSONNEL SKILLED AND REGULARLY EMPLOYED IN THEIR RESPECTIVE TRADES. ITEMS RELISED AND/OR RELOCATED SHALL BE BROUGHT TO LIKE NEW CONDITION PRIOR TO BEING PLACED INTO SERVICE WITH COR APPROVAL.

ALL WORK SHALL BE COORDINATED WITH ALL AFFECTED DISCIPLINES AND TRADES PRIOR TO STARTING WORK. CONTRACTOR TO COORDINATE PHASING AND PERFORM WORK ACCORDING THE PHASING PLAN. REWORK REQUIRED DUE TO COORDINATION ISSUES SHALL BE DONE BY THE INSTALLATION CONTRACTOR WITHOUT INCREASED COST TO THE OWNER.

SYSTEMS DESIGNATED TO BE PROVIDED AND INSTALLED WITHIN THESE CONTRACT DOCUMENTS ARE INTENDED TO BE COMPLETE AND OPERATIONAL. PROVIDE EVERYTHING ESSENTIAL FOR THE COMPLETION OF THE WORK TO MAKE THE SYSTEM READY FOR NORMAL AND PROPER OPERATION. THIS INCLUDES ALL WORK OR MATERIALS NOT DIRECTLY SHOWN ON THE DRAWINGS OR IN THE SPECIFICATIONS, BUT NECESSARY FOR THE PROPER OPERATION OF THE SYSTEM.

IN GENERAL IT IS THE INTENT OF THESE DRAWINGS:
ITEMS INSTALLED WHERE THE STRUCTURE IS EXPOSED - INSTALLED AS HIGH AS POSSIBLE. ALL VALVES AND CONTROL DEVICES SHOULD BE INSTALLED AS LOW AS POSSIBLE OR WHERE IT WILL BE MAINTAINABLE FROM A LADDER OR LIFT. CLOSE COORDINATION WILL BE REQUIRED IN ORDER TO AVOID ALL CONFLICTS.

ALL DUCTS TO BE GALVANIZED STEEL. EXPOSED DUCTS SHALL BE OF SPIRAL CONSTRUCTION.

ALL SQUARE THROAT DUCT ELBOWS WITH ANY DIMENSIONS LARGER THAN 6" SHALL HAVE TURNING VANES, WHETHER SHOWN ON THE PLANS OR NOT.

MANUFACTURERS/MODEL NUMBERS INDICATED ON DRAWINGS ARE BASIS OF DESIGN. OTHER MANUFACTURERS/MODEL NUMBERS WILL BE ACCEPTED PROVIDING THEY MEET SPECIFICATIONS AND PERFORMANCE REQUIREMENTS OF THE BASIS OF DESIGN. CONTRACTORS SHALL COMMUNICATE WITH PRODUCT VENDORS ON LEAD TIMES, AND SHALL SELECT UNITS THAT MOST CLOSELY COMPLY WITH THE PROJECT SCHEDULE REQUIREMENTS.

MECHANICAL SHEET INDEX

M0.00	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
MD1.01	HVAC DEMOLITION PLAN
M1.01	NEW HVAC PLAN
M2.00	MECHANICAL DETAILS AND SCHEDULES

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER — RAYMOND DAWES PE-9611 — DATE: 07/17/2024 — NORTH DAKOTA

ARCHITECT/ENGINEER OF RECORD

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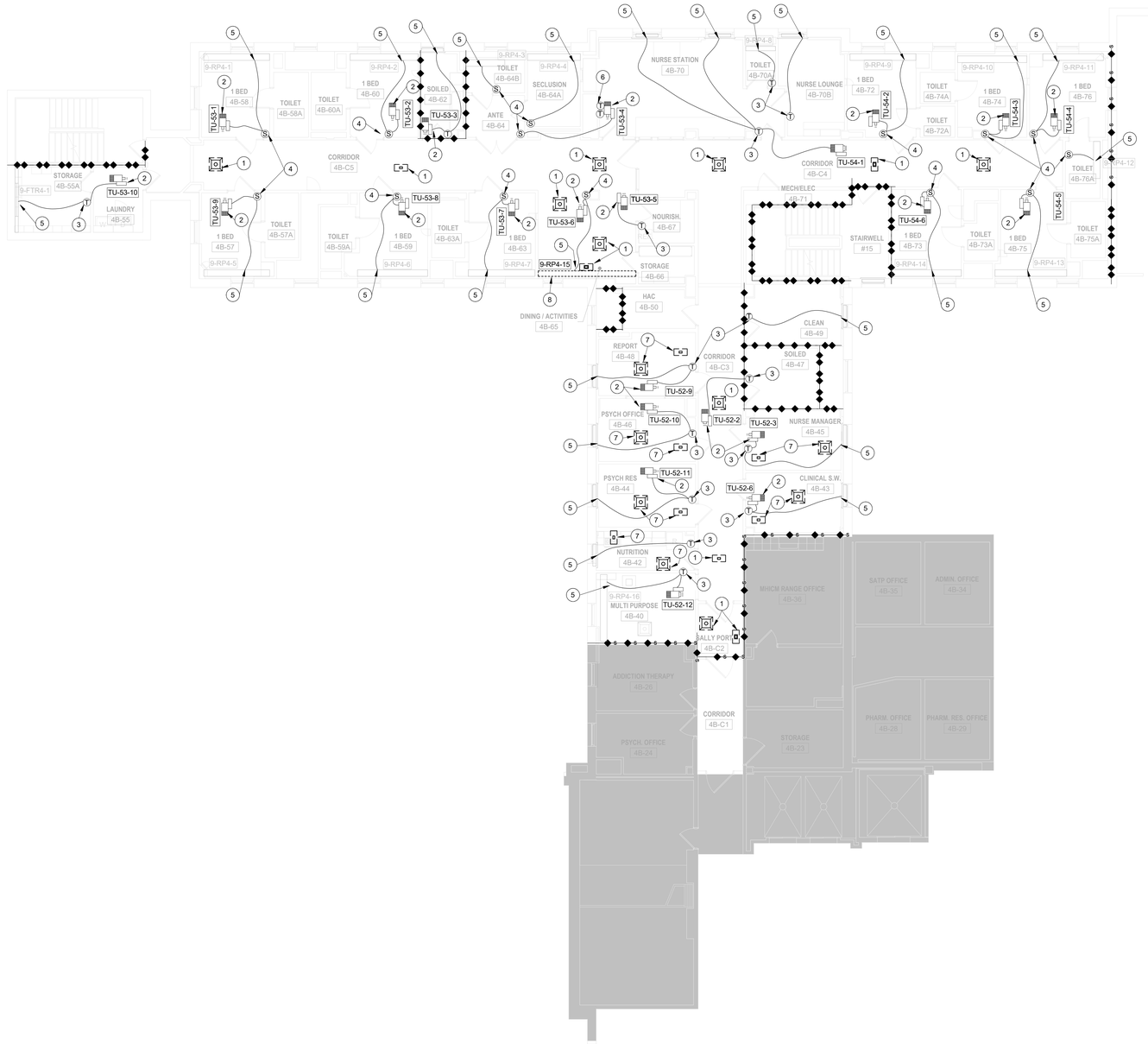
Drawing Title: GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
Approved: Project Director
Project Title: UPDATE WING 4B
Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date: 07/17/2024
Checked: RD
Drawn: PM
Project Number: 437-23-103
Building Number: 9
Drawing Number: M0.00
Dwg. 19 of 39

Office of Construction and Facilities Management
Department of Veterans Affairs

7/12/2024 10:50:22 AM

VA FORM 08-6231



1 WING 4B HVAC DEMOLITION PLAN

1/8" = 1'-0"

N

GENERAL NOTES

- CONTRACTOR TO COORDINATE WITH COR ON VA OPERATING HOURS AND WORK HOUR RESTRICTIONS FOR SHUTDOWNS TO SWITCH OVER CONTROL SYSTEMS.
- CONTRACTOR TO COORDINATE WORK WITH OTHER DISCIPLINES PRIOR TO STARTING WORK.
- EXISTING VAV AND DIFFUSER/GRILLE AIR VOLUMES TO BE MEASURED PRIOR TO CONSTRUCTION. NEW AND EXISTING DIFFUSERS/GRILLES TO BE RE-BALANCED TO EXISTING AIR VOLUMES ONCE INSTALLED. ALL FUNCTIONAL TESTING SHALL BE PERFORMED BY THE CONTRACTOR AND WITNESSED BY THE VA DURING STARTUP AND BEGINNING OPERATION.
- EXISTING VAVS CAN BE RUN MANUALLY DURING CONTROLLER CHANGEOVER TO PROVIDE VENTILATION AND COMFORT TO SPACE(S) SERVED. DURING EXTREME WINTER OR SUMMER TEMPERATURES, CONTRACTOR TO TEMPORARILY SHUTOFF OUTSIDE AIR TO EXISTING AIR HANDLER DURING SENSOR AND/OR ACTUATOR REPLACEMENT TO AVOID FREEZING OUT EXISTING AIR HANDLER OR OVERHEATING SPACES.

KEY NOTES

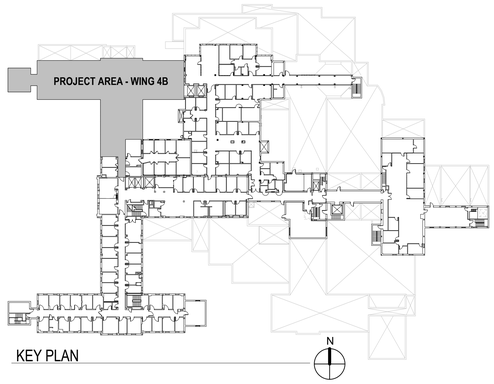
1. REMOVE EXISTING SUPPLY DIFFUSERS/RETURN GRILLES. EXISTING SUPPLY/RETURN DUCT TO REMAIN FOR RECONNECTION TO NEW SECURITY CEILING SUPPLY DIFFUSERS/RETURN GRILLES.
2. REMOVE EXISTING PNEUMATIC VAV CONTROLLER, DAMPER ACTUATOR AND REHEAT CONTROL VALVE (ACTUATOR AND BODY). REMOVE ALL EXISTING PNEUMATIC LINES BACK TO MAIN AND CAP. EXISTING CONTROLLER AND ACTUATORS TO BE REPLACED WITH NEW DDC CONTROLLERS AND ACTUATORS.
3. REMOVE EXISTING PNEUMATIC THERMOSTAT. REMOVE EXISTING PNEUMATIC LINES BACK TO MAIN AND CAP. EXISTING PNEUMATIC THERMOSTAT TO BE REPLACED WITH NEW DDC THERMOSTAT. RETAIN ANY EXISTING CONDUIT USED FOR PNEUMATIC LINES FOR RE-USE WITH NEW CONTROL WIRING.
4. REMOVE EXISTING PNEUMATIC TEMPERATURE SENSOR AND BLIND PLATE. REMOVE EXISTING PNEUMATIC LINES BACK TO MAIN AND CAP. EXISTING PNEUMATIC TEMPERATURE SENSOR TO BE REPLACED WITH NEW DDC TEMPERATURE SENSOR AND BLIND PLATE. RETAIN ANY EXISTING CONDUIT USED FOR PNEUMATIC LINES FOR RE-USE WITH NEW CONTROL WIRING.
5. REMOVE EXISTING HYDRONIC PNEUMATIC CONTROL VALVE (ACTUATOR AND BODY). REMOVE ALL PNEUMATIC LINES BACK TO MAIN AND CAP. EXISTING PNEUMATIC CONTROL VALVE TO BE REPLACED WITH NEW DDC CONTROL VALVE.
6. REMOVE ALL EXISTING PNEUMATIC THERMOSTATS AT THE NURSE STATION. REMOVE ALL PNEUMATIC LINES BACK TO MAIN AND CAP. NEW DDC DISPLAY TERMINAL TO BE INSTALLED IN PLACE OF REMOVED PNEUMATIC CONTROLS. RETAIN ANY EXISTING CONDUIT USED FOR PNEUMATIC LINES FOR RE-USE WITH NEW CONTROL WIRING.
7. EXISTING SUPPLY DIFFUSER AND RETURN GRILLE TO BE REMOVED FROM DEMOLISHED CEILING AND BE TEMPORARILY SUSPENDED IN PLACE FOR NEW CEILING INSTALLATION.
8. EXISTING RADIANT PANEL 9-RP4-15 TO BE TEMPORARILY SUSPENDED FROM STRUCTURE FOR CEILING DEMOLITION.

WALL RATING LEGEND:

1 HOUR FIRE BARRIER

1 HOUR SMOKE BARRIER

2 HOUR FIRE BARRIER



KEY PLAN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER
RAYMOND DAWES
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FOURFRONT DESIGN INC.

Drawing Title: HVAC DEMOLITION PLAN

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102

Date: 07/17/2024 | Checked: RD | Drawn: BM

Project Number: 437-23-103

Building Number: 9

Drawing Number: MD1.01

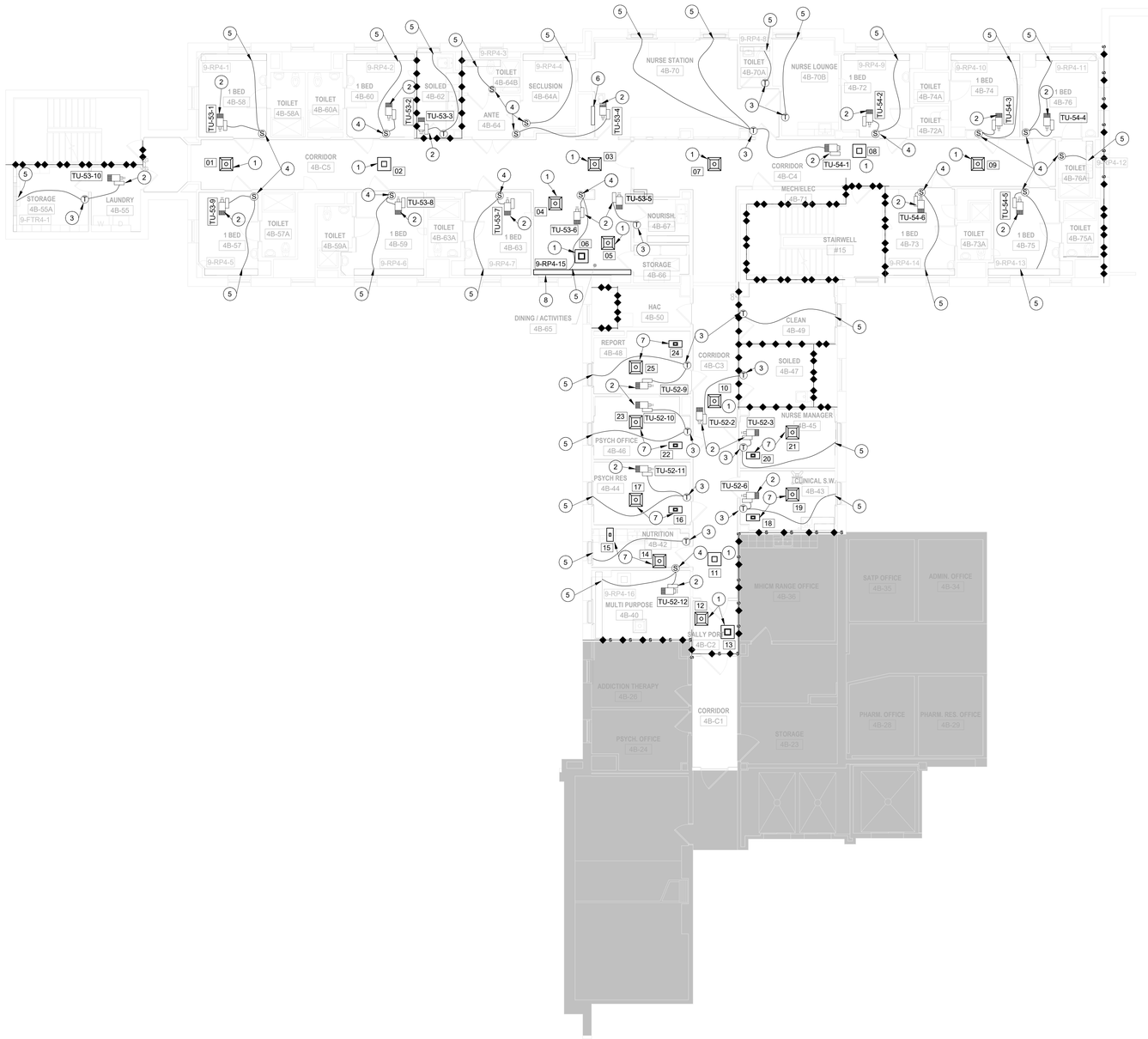
Dwg. 20 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

7/1/22024 10:50:23 AM

VA FORM 08-6231



GRD ID SCHEDULE			##
TAG	STYLE	CFM	NECK SIZE
01	SD-1	NOTE 1	8"∅
02	RG-1	NOTE 1	10"∅
03	SD-1	NOTE 1	8"∅
04	SD-1	NOTE 1	6"∅
05	SD-1	NOTE 1	6"∅
06	RG-1	NOTE 1	10"∅
07	SD-1	NOTE 1	6"∅
08	RG-1	NOTE 1	10"∅
09	SD-1	NOTE 1	6"∅
10	SD-1	NOTE 1	6"∅
11	RG-1	NOTE 1	6"∅
12	SD-1	NOTE 1	6"∅
13	RG-1	NOTE 1	6"∅
14	SD-2	NOTE 1	(E)
15	RG-2	NOTE 1	(E)
16	RG-2	NOTE 1	(E)
17	SD-2	NOTE 1	(E)
18	RG-2	NOTE 1	(E)
19	SD-2	NOTE 1	(E)
20	RG-2	NOTE 1	(E)
21	SD-2	NOTE 1	(E)
22	RG-2	NOTE 1	(E)
23	SD-2	NOTE 1	(E)
24	RG-2	NOTE 1	(E)
25	SD-2	NOTE 1	(E)

NOTES:
1. REFER TO BALANCING GENERAL NOTE

GENERAL NOTES

- CONTRACTOR TO COORDINATE WITH COR ON VA OPERATING HOURS AND WORK HOUR RESTRICTIONS FOR SHUTDOWNS TO SWITCH OVER CONTROL SYSTEMS.
- CONTRACTOR TO COORDINATE WORK WITH OTHER DISCIPLINES PRIOR TO STARTING WORK.
- EXISTING VAV AND DIFFUSER/GRILLE AIR VOLUMES TO BE MEASURED PRIOR TO CONSTRUCTION. NEW AND EXISTING DIFFUSERS/GRILLES TO BE RE-BALANCED TO EXISTING AIR VOLUMES ONCE INSTALLED. ALL FUNCTIONAL TESTING SHALL BE PERFORMED BY THE CONTRACTOR AND WITNESSED BY THE VA DURING STARTUP AND BEGINNING OPERATION.
- EXISTING VAVS CAN BE RUN MANUALLY DURING CONTROLLER CHANGEOVER TO PROVIDE VENTILATION AND COMFORT TO SPACE(S) SERVED. DURING EXTREME WINTER OR SUMMER TEMPERATURES, CONTRACTOR TO TEMPORARILY SHUTOFF OUTSIDE AIR TO EXISTING AIR HANDLER DURING SENSOR AND/OR ACTUATOR REPLACEMENT TO AVOID FREEZING OUT EXISTING AIR HANDLER OR OVERHEATING SPACES.
- DDC THERMOSTAT INTENDED TO BE A DDC TEMPERATURE SENSOR WITH DISPLAY AND CONTROL. DDC TEMPERATURE SENSOR INTENDED TO BE JUST THE TEMPERATURE SENSOR BEHIND A BLIND PLATE.

KEY NOTES

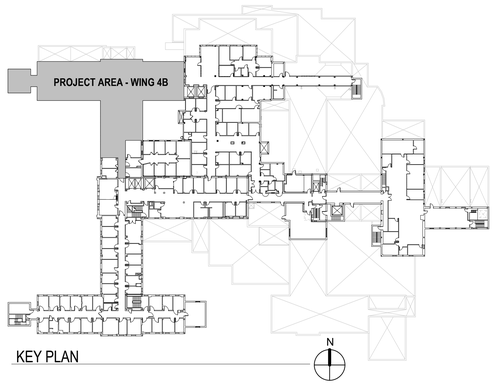
1. INSTALL NEW SECURITY CEILING SUPPLY DIFFUSER/RETURN GRILLE IN NEW CEILING, CONNECT TO EXISTING DUCTWORK.
2. REPLACE EXISTING PNEUMATIC VAV CONTROLLER, DAMPER ACTUATOR, AND CONTROL VALVE/ ACTUATOR WITH NEW DDC CONTROLLER, DAMPER ACTUATOR, AND 3/4" CONTROL VALVE/ACTUATOR. A/E OBSERVED 3/4" AND 1/2" HYDRONIC HEAT/REHEAT PIPING, CONTRACTOR TO FIELD VERIFY AND MATCH EXISTING SIZE.
3. REPLACE EXISTING PNEUMATIC THERMOSTAT WITH NEW DDC THERMOSTAT, INTEGRATE TO EXISTING BAS.
4. REPLACE EXISTING PNEUMATIC TEMPERATURE SENSOR WITH NEW DDC TEMPERATURE SENSOR. PATIENT ROOM TEMPERATURE TO BE MONITORED AND CONTROLLED WITH NEW DDC CONTROL TERMINAL INTEGRATED TO THE EXISTING BAS AT NURSE STATION.
5. REPLACED EXISTING PNEUMATIC CONTROL VALVE/ACTUATOR WITH NEW DDC CONTROL VALVE/ACTUATOR. A/E OBSERVED 3/4" AND 1/2" HYDRONIC HEAT/REHEAT PIPING, CONTRACTOR TO FIELD VERIFY AND MATCH EXISTING SIZE.
6. REPLACE EXISTING PNEUMATIC PATIENT ROOM TEMPERATURE CONTROLS WITH NEW DDC DISPLAY TERMINAL INTEGRATED TO THE EXISTING BAS AT NURSE STATION TO SET AND MONITOR ALL PATIENT ROOM, DINING ROOM, AND MULTI-PURPOSE ROOM TEMPERATURES. PATCH AND PAINT WALL TO MATCH NEW FINISHES.
7. RE-INSTALL EXISTING SUPPLY DIFFUSER/RETURN GRILLE IN NEW CEILING WITH HOLD DOWN CLIPS.
8. REINSTALL EXISTING RADIANT PANEL 9-RP4-15 IN NEW SECURITY CEILING. CONTRACTOR TO COORDINATE INSTALLATION WITH NEW SECURITY CEILING MANUFACTURER.

WALL RATING LEGEND:

1 HOUR FIRE BARRIER

1 HOUR SMOKE BARRIER

2 HOUR FIRE BARRIER



KEY PLAN

1 WING 4B HVAC PLAN
1/8" = 1'-0"

N

BID DOCUMENTS

CONSULTANTS:

Revisions: | Date

REGISTERED PROFESSIONAL ENGINEER
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Drawing Title: NEW HVAC PLAN
Approved: Project Director
Project Title: UPDATE WING 4B
Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date: 07/17/2024 | Checked: RD | Drawn: BM
Project Number: 437-23-103
Building Number: 9
Drawing Number: M1.01
Dwg. 21 of 39

Office of Construction and Facilities Management
Department of Veterans Affairs

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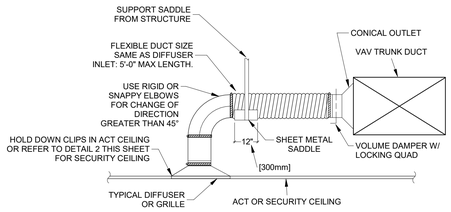
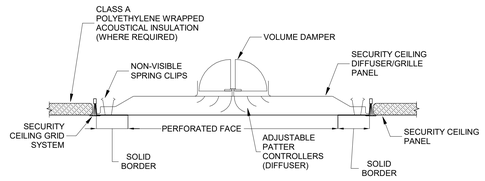


1 CEILING GRILLE/DIFFUSER DUCT CONNECTION DETAIL

1/8" = 1'-0"

NOTE: CONTRACTOR TO COORDINATE SECURITY CEILING DIFFUSER/GRILLE SELECTION AND INSTALLATION WITH SECURITY CEILING MANUFACTURER.



2 SECURITY CEILING GRILLE/DIFFUSER DETAIL

1/8" = 1'-0"

GRD ID SCHEDULE

TAG	STYLE	CFM	NECK SIZE
01	SD-1	NOTE 1	8"Ø
02	RG-1	NOTE 1	10"Ø
03	SD-1	NOTE 1	8"Ø
04	SD-1	NOTE 1	6"Ø
05	SD-1	NOTE 1	6"Ø
06	RG-1	NOTE 1	10"Ø
07	SD-1	NOTE 1	6"Ø
08	RG-1	NOTE 1	10"Ø
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10	SD-1	NOTE 1	6"Ø
11	RG-1	NOTE 1	6"Ø
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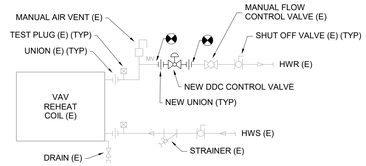
15	RG-2	NOTE 1	(E)
16	RG-2	NOTE 1	(E)
17	SD-2	NOTE 1	(E)
18	RG-2	NOTE 1	(E)
19	SD-2	NOTE 1	(E)
20	RG-2	NOTE 1	(E)
21	SD-2	NOTE 1	(E)
22	RG-2	NOTE 1	(E)
23	SD-2	NOTE 1	(E)
24	RG-2	NOTE 1	(E)
25	SD-2	NOTE 1	(E)

NOTE
1. REFER TO BALANCING GENERAL NOTE

GRILLE/REGISTER/DIFFUSER SCHEDULE

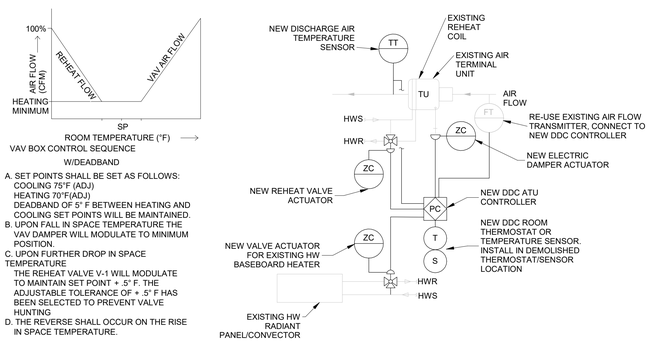
		RG=RETURN GRILLE	SD=SUPPLY DIFFUSER		
TAG NO.	NECK SIZE	TYPE	MANUFACTURER & MODEL	MFG'S FINISH	OPTIONS & ACCESSORIES
SD-1	VARIES	24"x24" SECURITY CEILING SUPPLY DIFFUSER	GORDON LOCKDOWN PLD-MS	WHITE	1,3
SD-2	VARIES	EXISTING CEILING SUPPLY DIFFUSER	EXISTING	-	2
RG-1	VARIES	24"x24" SECURITY CEILING RETURN GRILLE	GORDON LOCKDOWN 3RPLD-MS	WHITE	1,3
RG-2	VARIES	EXISTING CEILING RETURN GRILLE	EXISTING	-	2

NOTES:
1. DIFFUSER/GRILLE IS THE SAME MANUFACTURER AS THE BASIS OF DESIGN SECURITY CEILING. CONTRACTOR TO COORDINATE DIFFUSER/GRILLE SELECTION WITH SECURITY CEILING MANUFACTURER AND COORDINATE DIFFUSER/GRILLE INSTALLATION WITH NEW SECURITY CEILING MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. RE-INSTALL EXISTING CEILING DIFFUSER/GRILLE IN NEW CEILING WITH HOLD DOWN CLIPS.
3. SHOWN AS BASIS OF DESIGN, OR EQUAL PRODUCTS ALLOWED.



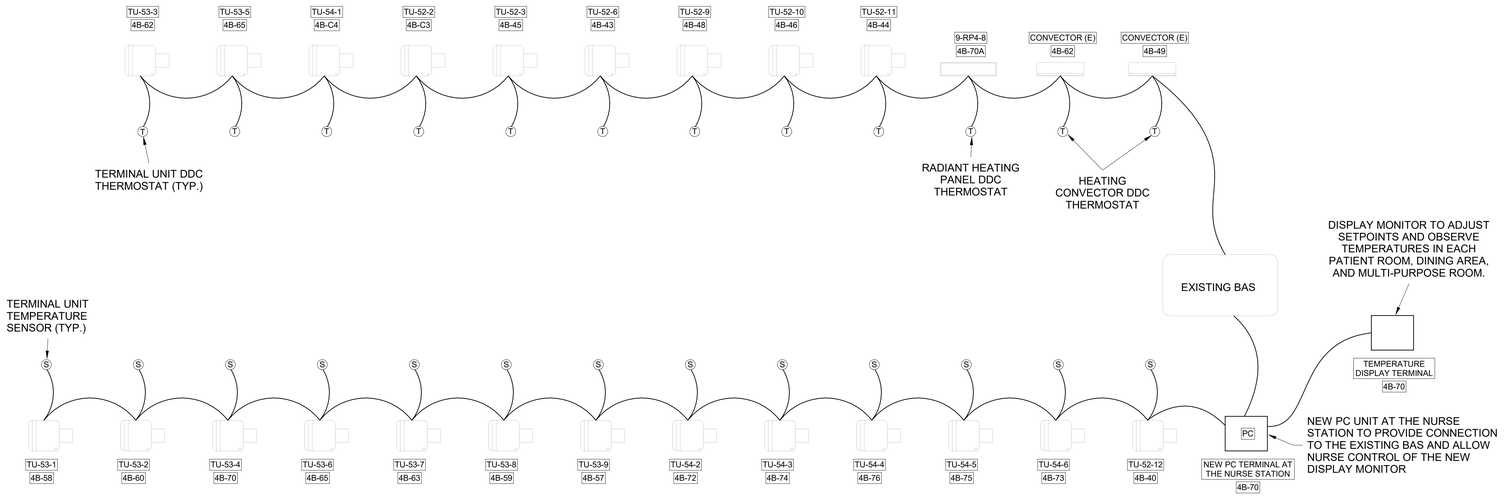
3 VAV REHEAT COIL PIPING DETAIL

1/8" = 1'-0"



4 VAV DETAIL

1/8" = 1'-0"



5 VAV NETWORK SINGLE LINE DIAGRAM

1/8" = 1'-0"

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

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DATE: 07/17/2024
NORTH DAKOTA

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Drawing Title: MECHANICAL DETAILS AND SCHEDULES

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102

Date: 07/17/2024 | Checked: RD | Drawn: PM

Project Number: 437-23-103

Building Number: 9

Drawing Number: M2.00

Dwg. 22 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

7/12/2024 10:50:23 AM

VA FORM 08-6231

PLUMBING ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
A/G	ABOVE GRADE
AP	ACCESS PANEL
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
AS	AIR SEPARATOR
BMS	BUILDING MANAGEMENT SYSTEM
B/G	BELOW GRADE
CA	COMPRESSED AIR
CDR	STEAM CONDENSATE RETURN
CFM	CUBIC FEET PER MINUTE
CO	CLEANOUT
COND	CONDENSATE DRAIN
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CP	CIRCULATING PUMP
CPCI	CONTRACTOR-PROVIDED CONTRACTOR-INSTALLED
CPOI	CONTRACTOR-PROVIDED OWNER-INSTALLED
CV	CONTROL VALVE
DAMP.	DAMPER
DAT	DISCHARGE AIR TEMPERATURE
DB	DRY BULB
DCW	DOMESTIC (POTABLE) COLD WATER
DE	DEIONIZED WATER
DEG	DEGREES
DHW	DOMESTIC (POTABLE) HOT WATER
DHW-R	DOMESTIC (POTABLE) HOT WATER RETURN
DIFF.	DIFFERENTIAL
DIST	DISTRUBUTION
DS	DOWNSPOUT
DWV	DRAIN, WASTE AND VENT
(E)	EXISTING
E/A	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
ECC	ENERGY CONTROL CENTER
EEW	EMERGENCY EYE WASH
ELECT.	ELECTRICAL
ELEV	ELEVATION
ERC	ENERGY RECOVERY COIL - AHU
ESH	EMERGENCY SHOWER
EWC	ELECTRIC WATER COOLER
F	FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FILT.	FILTER
FPM	FEET PER MINUTE
FP-W	FIRE PROTECTION - WET
FS	FLOOR SINK
FSNC	FORT SNELLING NATIONAL CEMETERY
FT	FEET
GAL	GALLONS
G.C.	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
G-SAN	GREASE SANITARY SEWER
GT	GLYCOL TANK
H	HEIGHT
H	HUMIDIFIER - AHU
HC	HVAC CONTRACOTR
HB	HOSE BIBB
HP	HORSEPOWER
HPS	HIGH PRESSURE STEAM
HR	HOUR
HRP	HEAT RECOVERY PUMP
HRV	HEAT RECOVERY VENTILATOR
HSP	HUMIDIFICATION SET POINT
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HX	HEAT EXCHANGER
Hz	HERTZ
IBC	INTERNATIONAL BUILDING CODE
IECC	INTERNAIONAL ENERGY CONSERVATION CODE
IFB	INTEGRAL FACE AND BYPASS
IJS	IN JOIST SPACE
IMC	INTERNATIONAL MECHANICAL CODE
I/O	INPUT/OUTPUT
IRR	IRRIGATION WATER
IPC	INTERNATIONAL PLUMBING CODE
L	LENGTH
LA	LABORATORY EQUIPMENT COMPRESSED AIR
LAV	LAVATORY
LBS	POUNDS
LEED	LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN
LP	PROPANE GAS
LPS	LOW PRESSURE STEAM
LV	LABORATORY EQUIPMENT VACUUM
MA	MEDICAL AIR
MAX	MAXIMUM
MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
MC	MECHANICAL CONTRACTOR
MD	MOTORIZED DAMPER
MECH	MECHANICAL
MFG	MANUFACTURER
MIN	MINIMUM
MIN	MINUTE
mm	MILLIMETER
MPS	MEDIUM PRESSURE STEAM
MT	MOISTURE (HUMIDITY) TRANSMITTER
MV	MANUAL VENT
N.C.	NORMALLY CLOSED
NC	NOISE CRITERIA LEVEL
NCA	NATIONAL CEMETERY ADMINISTRATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NG	NATURAL GAS
NPT	NATIONAL PIPE THREAD
O/A	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OE	ORAL EVACUATION
OPCI	OWNER-PROVIDED CONTRACTOR-INSTALLED
OPOI	OWNER-PROVIDED OWNER-INSTALLED
ORD	OVERFLOW ROOF DRAIN
O-SAN	OIL SANITARY SEWER
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
OXY	OXYGEN
Pa	PASCAL
PC	PUMPED CONDENSATE
PC	PREHEAT STEAM COIL - AHU
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PDS	PRESSURE DIFFERENTIAL SENSOR
PH	PHASE
PI	PROPORTIONAL INTEGRAL
PID	PROPORTIONAL INTEGRAL DERIVATIVE
PRESS.	PRESSURE
PSH	HIGH PRESSURE SWITCH
PSIG	POUNDS PER SQUARE INCH - GAUGE
PSL	LOW PRESSURE SWITCH
QUANT.	QUANTITY
R	RADIUS
R/A	RETURN AIR
RE/A	RELIEF AIR
RC	REHEAT STEAM COIL - AHU
RD	ROOF DRAIN
REQ'D	REQUIRED
RL	REFRIGERANT LIQUID (SUPPLY)
RS	REFRIGERANT SUCTION (RETURN)
RPM	REVOLUTIONS PER MINUTE
S	SINK
S/A	SUPPLY AIR
SAN	SANITARY
S-DCW	SOFT DOMESTIC (POTABLE) COLD WATER
SD	SMOKE DAMPER
SF	FAN SECTION - AHU
SF	SQUARE FEET
SH	SHOWER
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SS	SANITARY SEWER
SST	START/STOP
SV	STEAM VENT
T	THERMOSTAT
TEMP.	TEMPERATURE
TT	TEMPERATURE SENSOR/TRANSMITTER
TYP.	TYPICAL
UH	UNIT HEATER
V	VENT
VA	VETERANS' AFFAIRS
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VSMC	VARIABLE SPEED MOTOR CONTROLLER
VTR	VENT THROUGH ROOF
W/	WITH
WB	WET BULB
WC	WATER CLOSET
WCO	WALL CLEANOUT
WD	WATER DISPENSER
ZAT	ZONE AIR TEMPERATURE
ZC	VALVE OR DAMPER CONTROLLER

PLUMBING SYMBOLS

- 3-WAY CONTROL VALVE
- 2-WAY CONTROL VALVE
- CHECK VALVE
- THERMOSTATIC MIXING VALVE
- PRESSURE REDUCING VALVE
- REDUCED PRESSURE ZONE VALVE
- PRESSURE RELIEF VALVE
- SOLENOID VALVE
- PRESSURE GAUGE
- THERMOMETER
- PUMP
- STEAM TRAP
- STRAINER
- CONCENTRIC REDUCER
- POINT OF DISCONNECTION
- BALL VALVE
- PLUG VALVE
- TEMPERATURE SENSOR
- TRIPLE DUTY VALVE or
- VACUUM BREAKER
- TEST PORT
- HAMMER ARRESTOR
- PIPE UNION
- PIPE ELBOW
- PIPE DOWN
- PIPE UP
- PIPE TEE DOWN
- TEE
- (2) PLUMBING PLAN NOTE
- POINT OF CONNECTION

GENERAL PLUMBING NOTES:

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC 2021), INTERNATIONAL MECHANICAL CODE (IMC 2021), INTERNATIONAL PLUMBING CODE (IPC 2021), INTERNATIONAL FUEL GAS CODE (IFGC 2021), NFPA 101 LIFE SAFETY CODE (2015), VA PLUMBING DESIGN MANUAL (REV 2/24), SPECIFICATIONS AND GUIDELINES, AND ANY AUTHORITY HAVING JURISDICTION (AHJ). THIS IS A FEDERAL PROJECT, AS SUCH ALL CODE REQUIREMENTS ARE REQUIRED.

ALL EQUIPMENT, MATERIALS, AND ARTICLES INCORPORATED IN THE WORK SHALL BE NEW AND OF COMPARABLE QUALITY AS SPECIFIED. ALL WORKMANSHIP SHALL BE FIRST-CLASS AND SHALL BE PERFORMED BY MECHANICS SKILLED AND REGULARLY EMPLOYED IN THEIR RESPECTIVE TRADES.

ALL WORK SHALL BE COORDINATED WITH ALL AFFECTED DISCIPLINES AND TRADES PRIOR TO STARTING WORK. REWORK REQUIRED DUE TO COORDINATION ISSUES SHALL BE DONE BY THE INSTALLATION CONTRACTOR WITHOUT INCREASED COST TO THE OWNER.

THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE. ALTHOUGH EVERY ATTEMPT HAS BEEN MADE TO INDICATE THE EXACT ROUTING AND LOCATION OF PROPOSED SYSTEMS, NOT ALL OFFSETS, REQUIRED FITTINGS AND/OR CONDITIONS CAN BE SHOWN. THE CONTRACTOR SHALL COORDINATE WORK AND MAKE REQUIRED CHANGES TO THE ROUTING IN ORDER TO AVOID CONFLICTS WITHOUT ANY INCREASED COST TO THE OWNER.

SYSTEMS DESIGNATED TO BE PROVIDED AND INSTALLED WITHIN THESE CONTRACT DOCUMENTS ARE INTENDED TO BE COMPLETE AND OPERATIONAL. PROVIDE EVERYTHING ESSENTIAL FOR THE COMPLETION OF THE WORK TO MAKE THE SYSTEM READY FOR NORMAL AND PROPER OPERATION, INCLUDING ALL WORK OR MATERIALS NOT DIRECTLY SHOWN ON THE DRAWINGS OR IN THE SPECIFICATIONS, BUT NECESSARY FOR THE PROPER OPERATION OF THE SYSTEM.

PLUMBING CONTRACTOR IS RESPONSIBLE FOR ENSURING PROPER MAINTENANCE CLEARANCES ARE MAINTAINED. CLOSE COORDINATION WILL BE REQUIRED WITH THE MECHANICAL PIPING, HVAC, FIRE PROTECTION, AND ELECTRICAL CONTRACTOR.

ALL DOMESTIC WATER PIPING ABOVE GRADE IS INTENDED TO BE INSULATED, TYPE K OR L HARD DRAWN COPPER PIPE AS SPECIFIED. TYPE M COPPER PIPE IS NOT ALLOWED.

ALL WASTE AND VENT PIPING ABOVE GRADE IS INTENDED TO BE CAST IRON OR DUCTILE IRON AS SPECIFIED. PVC IS NOT ALLOWED ABOVE GRADE. ALL WASTE AND VENT PIPING BELOW GRADE IS INTENDED TO BE EPOXY COATED STEEL AS SPECIFIED. CAST IRON OR OTHER METAL PIPING IS NOT ALLOWED BELOW GRADE.

FOR PIPE SIZES NOT SHOWN ON FLOOR PLANS SEE PIPING ISOMETRIC DRAWINGS.

MANUFACTURERS/MODEL NUMBERS INDICATED ON DRAWINGS ARE BASIS OF DESIGN. OTHER MANUFACTURERS/MODEL NUMBERS WILL BE ACCEPTED PROVIDING THEY MEET SPECIFICATIONS AND PERFORMANCE REQUIREMENTS OF THE BASIS OF DESIGN. CONTRACTORS SHALL COMMUNICATE WITH PRODUCT VENDORS ON LEAD TIMES, AND SHALL SELECT UNITS THAT MOST CLOSELY COMPLY WITH THE PROJECT SCHEDULE REQUIREMENTS.

PLUMBING SHEET INDEX

P0.00	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
P1.01	PLUMBING REMODEL PLAN

BID DOCUMENTS

Revisions: | Date

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Drawing Title: GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102

Date: 07/17/2024 | Checked: RD | Drawn: PM

Project Number: 437-23-103

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Dwg. 23 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

7/12/2024 10:50:23 AM

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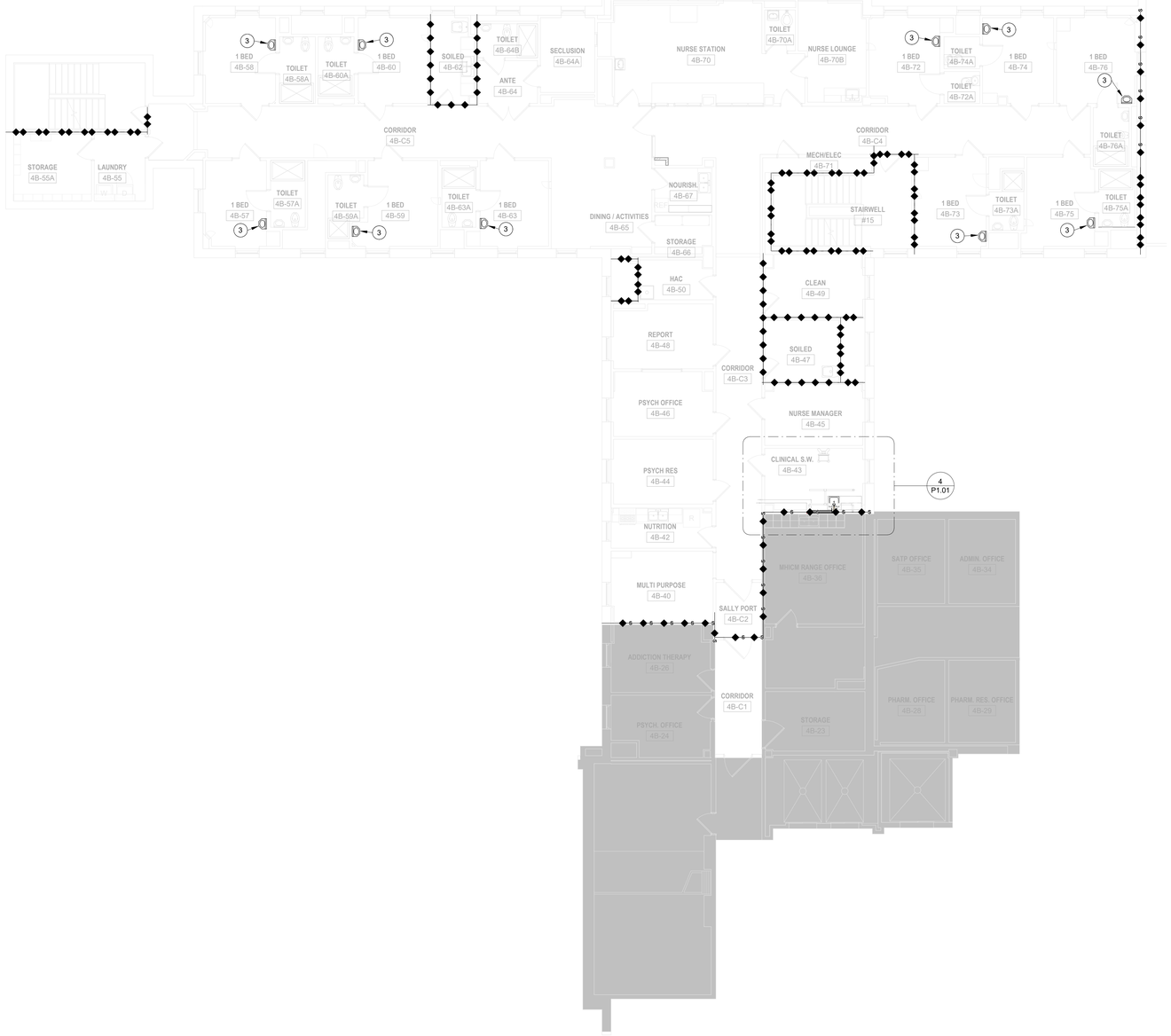
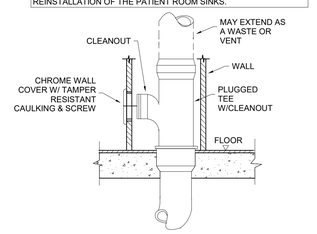
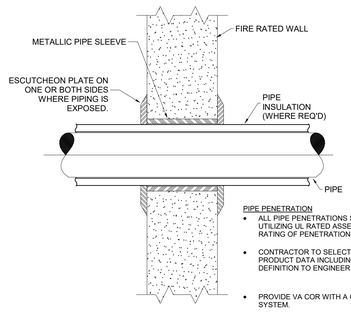


1 WING 4B A/G PLUMBING REMODEL PLAN
1/8" = 1'-0"

SINK LABELED S-1 IN ROOM 4B-23 SHALL BE REQUIRED TO CONTAIN THIS CLEANOUT DETAIL UNDER COUNTER. NO EXCEPTIONS. THIS DETAIL DOES NOT APPLY TO THE TEMPORARY REMOVAL AND REINSTALLATION OF THE PATIENT ROOM SINKS.



2 WALL CLEANOUT DETAIL
1/8" = 1'-0"



PIPE PENETRATION

- ALL PIPE PENETRATIONS SHALL BE SEALED UTILIZING UL RATED ASSEMBLY APPROPRIATE FOR RATING OF PENETRATION.
- CONTRACTOR TO SELECT VENDOR AND SUBMIT PRODUCT DATA INCLUDING UL RATING AND ASSEMBLY DEFINITION TO ENGINEER FOR APPROVAL.
- PROVIDE VA COR WITH A COPY OF THE APPROVED SYSTEM.
- FIRE WALL PENETRATION MUST NOT BE LEFT OPEN AT ANY POINT DURING CONSTRUCTION. CONTRACTOR SHALL INSTALL A TEMPORARY GYPSUM PATCH WITH FIRE RATED INSULATION OR EQUIVALENT ASSEMBLY UNTIL PIPING CAN BE INSTALLED.

3 FIRE RATED WALL PIPE PENETRATION DETAIL
1/8" = 1'-0"

PLUMBING FIXTURE SCHEDULE

MARK	SPEC REF	DESCRIPTION	MANUFACTURER & MODEL (OR EQUAL)	TYPE	WASTE	VENT	HOT WATER	COLD WATER	NOTES
S-1	P-528	SS SINGLE BOWL SINK 17X16	ELKAY LRAD151765PD. PROVIDE WITH CHICAGO FAUCETS 895-317GN2FCAB FAUCET, WATTS LFUSG-B LEAD FREE THERMOSTATIC MIXING VALVE, TEMP GAUGE, BRASSCRAFT KTCR19XC 1/4 TURN STOP KIT, ELKAY LK99 STRAINER, AND ELKAY LK500 P-TRAP.	DROP IN	1-1/2"	1-1/2"	1/2"	1/2"	1

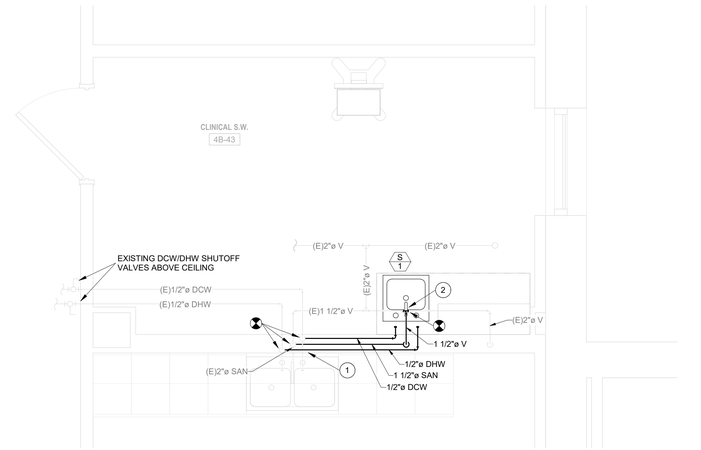
NOTES:
1. SHOWN AS BASIS OF DESIGN, EQUAL PRODUCTS TO BE ALLOWED.

KEY NOTES

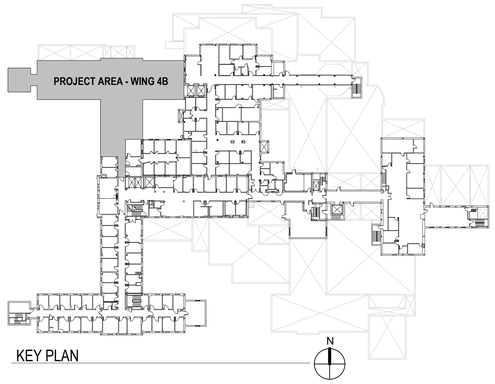
1. CONNECT NEW 1/2" DCW/DHW AND 1-1/2" SAN TO EXISTING 1/2" DCW/DHW AND 2" SAN IN WALL. PATCH AND REPAIR WALL TO MATCH NEW FINISHES.
2. CONNECT NEW 1-1/2" V TO EXISTING 2" V IN CEILING.
3. REMOVE AND RETAIN EXISTING PATIENT ROOM SINK AND BASE SHROUD FOR NEW FLOORING INSTALLATION. RE-INSTALL AFTER NEW FLOORING IS INSTALLED. REPLACE EXISTING TAILPIECE, P-TRAP, WATER SUPPLIES AND STOPS, AND ESCUTCHEONS FOR EXISTING SINK AND BASE SHROUD RE-INSTALLATION.

WALL RATING LEGEND:

1 HOUR FIRE BARRIER
1 HOUR SMOKE BARRIER
2 HOUR FIRE BARRIER



4 CLINICAL S.W. PLUMBING CALLOUT
1/2" = 1'-0"



KEY PLAN

BID DOCUMENTS

CONSULTANTS:

Revisions: | Date

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Dwg. 24 of 39

Office of Construction and Facilities Management
Department of Veterans Affairs

7/12/2024 10:54:47 AM

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ELECTRICAL LEGEND (FLOORPLAN)

SYMBOL	DESCRIPTION
	ITEMS SHOWN IN GRAY ARE EXISTING TO REMAIN
	DASHED ITEMS ARE INSTALLED BELOW REFERENCED PLAN
	DEMOLITION PLANS: SOLID DARK ITEMS ARE TO BE REMOVED OR MODIFIED. NEW PLANS: SOLID DARK ITEMS ARE TO BE ADDED OR MODIFIED.
	MOTOR, SINGLE-PHASE
	MOTOR, THREE-PHASE
T	TRANSFORMER
	WYE CONNECTION
	DUCT, CELL FLOOR HEADER
T T	DUCT, TROLLEY
	DUCT, UNDERFLOOR JUNCTION BOX
	EARTH GROUND
J	JUNCTION BOX
C C	LADDER CABLE TRAY
	BRANCH CIRCUIT HOMERUN. LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL, AND SWITCH LEG CONDUCTORS. ONE SEPARATE GREEN GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOMERUN; NOT SHOWN
PB	PULL BOX
W W	WIREWAY
RC	RIGID CONDUIT LINE = RC
DB	DIRECT BURIAL CABLE = DB
P	POWER DUCT = P
AV	AUDIO VISUAL LINE = AV
CATV	CABLE TELEVISION LINE = CATV
CCTV	CLOSED CIRCUIT TELEVISION LINE = CCTV
FO	FIBEROPTICS LINE = FO
COM	COMMUNICATIONS LINE = COM
I	INTERCOM LINE = I
NC	NURSE CALL LINE = NC
S	SUBSTATION
HVS	HI VOLTAGE SWITCH ON CONCRETE PAD
LVS	LOW VOLTAGE SWITCH ON CONCRETE PAD
P T	DUAL POWER AND TELECOMMUNICATIONS MANHOLE
B B	BUSWAY
DP#	DISTRIBUTION PANEL
	LIGHTING PANEL
	PANELBOARD CABINET, FLUSH MOUNTED
	PANELBOARD CABINET, SURFACE MOUNTED
C	RECEPTACLE, CLOCK HANGER
	RECEPTACLE, DUPLEX
	RECEPTACLE, DUPLEX ON EMERGENCY POWER
	RECEPTACLE, GFCI DUPLEX
	RECEPTACLE, QUADRAPLEX
A	RECEPTACLE, SPECIAL PURPOSE 120V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 5-20R.
B	RECEPTACLE, SPECIAL PURPOSE 208V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 6-20R.
C	RECEPTACLE, SPECIAL PURPOSE 120V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 5-30R.
D	RECEPTACLE, SPECIAL PURPOSE 208V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 6-30R.
E	RECEPTACLE, SPECIAL PURPOSE 208V, 60A, 1 PHASE, 3-POLE, 4W, NEMA 14-60R.
F	RECEPTACLE, SPECIAL PURPOSE 208V, 30A, 3 PHASE, 3-POLE 4W, NEMA 15-30R.
G	RECEPTACLE, SPECIAL PURPOSE 208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 15-50R.
H	RECEPTACLE, SPECIAL PURPOSE 208V, 60A, 3 PHASE, 3 POLE, 4W, NEMA 15-60R.
J	RECEPTACLE, SPECIAL PURPOSE 208V, 20A, 3 PHASE, 3 POLE, 4W, NEMA 15-20R.

SYMBOL	DESCRIPTION
	RECEPTACLE, SWITCHED DUPLEX
	DROP CORD, SINGLE CONVENIENCE OUTLET, 3-WIRE, GROUNDING TYPE, 20A, W/#12 CONDUCTORS IN FLEXIBLE CORD (CENTER LINE OF OUTLET: 6'-6" [1981mm] AFF. MINIMUM).
	ELECTRICAL STRIP MOLD (OUTLETS ON 2'-0" [610mm] CENTERS OR AS DESIGNATED ON DRAWINGS), MTD 3'-6" [1067mm] AFF OR AS INDICATED.
IR	INSTANTANEOUS OVERCURRENT RELAY
AT	AC-TIME OVERCURRENT RELAY
AD	AC-DIRECTIONAL OVERCURRENT RELAY
LR	LOCKING OUT RELAY
F	DISCONNECT SWITCH, FUSED
U	DISCONNECT SWITCH, UNFUSED
	STARTER, COMBINATION WITH DISCONNECT SWITCH
MC	STARTER OR MOTOR CONTROLLER
VFD	VARIABLE FREQUENCY DRIVE
TC	TIME CLOCK
R	RECTIFIER, CATHODIC PROTECTION SANITARY
	VENTILATOR OR FAN COIL UNIT OUTLET
	CONDUIT TERMINATED 6" [152mm] AFF IN STANDARD BOX FOR EXTENSION TO EQUIPMENT AS DIRECTED.
	CONDUIT TERMINATED W/COUPLING (FLUSH W/FINISHED FLOOR) FOR EXTENSION TO EQUIPMENT AS DIRECTED.
$	SWITCH, SPST
$2	SWITCH, DPST
$3	SWITCH, THREE WAY
$3D	SWITCH, THREE WAY DIMMER
$3OS	SWITCH, THREE WAY OCCUPANCY SENSOR
$4	SWITCH, FOUR WAY
$D	SWITCH, DIMMER
$DOOR	SWITCH, DOOR JAMB
$4OS	SWITCH, FOUR WAY OCCUPANCY SENSOR
$F	SWITCH, FUSED
$K	SWITCH, KEY OPERATED
$L	SWITCH, LOCK
$LW	SWITCH, LOW VOLTAGE MASTER
$M	SWITCH, MANUAL MOTOR STARTING
$MC	SWITCH, MOMENTARY CONTACT
$MP	SWITCH, MOTOR SNAP WITH PILOT LIGHT (THERMAL TYPE)
$OS	SWITCH, OCCUPANCY SENSOR
$OSD	SWITCH, OCCUPANCY SENSOR DIMMER
$P	SWITCH, WITH PILOT LIGHT
$PB	SWITCH, PUSH BUTTON
$PH	SWITCH, PHOTOCELL
$RC	SWITCH, REMOTE CONTROL
$WP	SWITCH, WEATHER PROOF
$X	SWITCH, EXPLOSION PROOF
	TELECOMMUNICATIONS MANHOLE
M	COMMUNICATIONS FLOOR RECEPTACLE
	COMMUNICATIONS WALL RECEPTACLE
	COMMUNICATIONS CEILING RECEPTACLE
M	TELEVISION FLOOR RECEPTACLE C =CAMERA (CCTV SYSTEM) M =MONITOR (CATV SYSTEM). AV= AUDIO VISUAL (CONFERENCE ROOM CONNECTION RECEPTACLES)
M	TELEVISION WALL RECEPTACLE C =CAMERA (CCTV SYSTEM) M =MONITOR (CATV SYSTEM). AV= AUDIO VISUAL (CONFERENCE ROOM CONNECTION RECEPTACLES)
M	TELEVISION CEILING RECEPTACLE C =CAMERA (CCTV SYSTEM) M =MONITOR (CATV SYSTEM). AV= AUDIO VISUAL (CONFERENCE ROOM CONNECTION RECEPTACLES)
S	PAGING SPEAKER, CEILING MOUNTED
S	PAGING SPEAKER, WALL MOUNTED
NCS	NURSE'S CALL MASTER STATION
NCT	NURSE CALL TERMINAL CABINET.

SYMBOL	DESCRIPTION
ND	NURSE CALL STATION. D = DUTY STATION. MTD 5' AFF E = MTD 6' AFF FOR SHOWER LOCATION MTD 4'-6" AFF FOR TUB LOCATION MTD 3' AFF FOR TOILET LOCATION P = PSYCHIATRIC CORRIDOR STATION WITH KEY SWITCH S = AUDIO VISUAL STAFF STATION MTD 5' AFF U = UTILITY CALL STATION, MTD 5' AFF
D	NURSE CALL STATION. D = CORRIDOR DOME LIGHT MTD 6" ABOVE DOOR I = AUXILIARY INTERSECTIONAL DOME LIGHT
	TELECOMMUNICATIONS TERMINAL CABINET
TTB	TELECOMMUNICATIONS BACKBOARD (WALL MTD)
EH	ELECTRIC POWER HINGE
DC	DOOR CONTACT
MD	MOTION INTRUSION DETECTOR
SSTV	SECURITY SURVEILLANCE TELEVISION
C	CAMERA
C	360 CAMERA
M T	CARD ACCESS READER; LETTER INDICATES AS FOLLOWS: M=MOUNT C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION P-PEDESTAL R-RACK S-SURFACE W-WALL T=TECHNOLOGY/TYPE B-BARCODE M-MAG STRIP F-ELEVATOR FLOOR CALL P-PROXIMITY H-ELEVATOR HALL CALL S-SMART CARD T-TOKEN K-BARRELL KEY
M T	ELECTRONIC LOCK; LETTER INDICATES AS FOLLOWS: M=MOUNT C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION P-PEDESTAL R-RACK S-SURFACE W-WALL T=TECHNOLOGY/TYPE D-DEADBOLT H-HYBRID L-LATCH SET M-MAGNETIC S-STRIKE
M T	INTERCOM; LETTER INDICATES AS FOLLOWS: M=MOUNT C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION P-PEDESTAL R-RACK S-SURFACE W-WALL T=TECHNOLOGY/TYPE M-MASTER S-SUBSTATION VS-VIDEO SUBSTATION
	DURESS/PANIC ALARM PUSH BUTTON
EH	ELECTROMAGNETIC TYPE DOOR HOLDER OUTLET
XLG	KEYED DOOR LOCK OVER-RIDE SWITCH
	DOOR PRESSURE SENSOR NOTIFICATION LIGHT
DPS	DOOR PRESSURE SENSOR

ANY NEW DATA CABLING INSTALLED TO BE CAT 6A

ELECTRICAL LEGEND (DETAILS)

SYMBOL	DESCRIPTION
	DELTA CONNECTION
	MOTOR, SINGLE-PHASE
	MOTOR, THREE-PHASE
	TRANSFORMER
	WYE CONNECTION
	EARTH GROUND
J	JUNCTION BOX
PB	PULL BOX
	PRESSURE SWITCH-CLOSE ON INCREASE
	PRESSURE SWITCH-OPEN ON INCREASE
	SWITCH, MULTIPOSITION
	SWITCH, NORMALLY CLOSED FLOAT
	SWITCH, NORMALLY CLOSED FOOT OPERATED
	SWITCH, NORMALLY CLOSED LIMIT
	SWITCH, NORMALLY CLOSED TEMPERATURE ACTIVATED
	SWITCH, NORMALLY CLOSED TIME DELAY
	SWITCH, NORMALLY OPEN FLOAT
	SWITCH, NORMALLY OPEN LIMIT
	SWITCH, NORMALLY OPEN TEMPERATURE ACTIVATED
	SWITCH, NORMALLY OPEN TIME DELAY
	SWITCH, SINGLE BREAK
	NORMALLY CLOSED RELAY CONTACT
	NORMALLY OPEN RELAY CONTACT
	FUSE WITH RATING
	MOLDED CASE CIRCUIT BREAKER
	LOW-VOLTAGE DRAWOUT AIR CIRCUIT BREAKER
O.C.B.	HIGH-VOLTAGE OIL CIRCUIT BREAKER
	HIGH-VOLTAGE DRAWOUT AIR CIRCUIT BREAKER
	SWITCH AND FUSE UNIT
	FUSED DRAWOUT POTENTIAL TRANSFORMER
IR	INSTANTANEOUS OVERCURRENT RELAY
AT	AC-TIME OVERCURRENT RELAY
AD	AC-DIRECTIONAL OVERCURRENT RELAY
LR	LOCKING OUT RELAY
	DISCONNECT SWITCH, FUSED
	DISCONNECT SWITCH, UNFUSED
	FUSIBLE LINK
	STARTER, COMBINATION WITH DISCONNECT SWITCH
MC	STARTER OR MOTOR CONTROLLER
TC	TIME CLOCK
G	GENERATOR, POWER
	BATTERY
	CAPACITOR
	POTHEAD
	STRESS CONE
	LIGHTNING ARRESTOR
R	RECTIFIER, CATHODIC PROTECTION SANITARY
M	METER
A	AMMETER
V	VOLTMETER
W	WATTMETER
WH	WATT-HOUR METER

ELECTRICAL ABBREVIATIONS

1PH	SINGLE-PHASE	ELEC	ELECTRIC OR ELECTRICAL	MW	MEGAWATT MICROWAVE
1P	SINGLE POLE	ELEV	ELEVATOR		
2/C	TWO-CONDUCTOR	EMCP	EMERGENCY MONITORING CONTROL	NA	NOT APPLICABLE
3/C	THREE-CONDUCTOR		PANEL	NEC	NATIONAL ELECTRICAL CODE
3PH	THREE-PHASE	EMER	EMERGENCY	NEMA	NATIONAL ELECTRICAL
4/C	FOUR-CONDUCTOR	EMI	ELECTROMAGNETIC INTERFERENCE		MANUFACTURERS ASSOCIATION
4W	FOUR-WIRE	EMT	ELECTRICAL METALLIC TUBING	NEUT OR N	NEUTRAL
		ENCL	ENCLOSURE	NFPA	NATIONAL FIRE PROTECTION
AAP	ALARM ANNUNCIATOR PANEL	EPO	EMERGENCY POWER OFF		ASSOCIATION
AC	ALTERNATING CURRENT OR ARMORED CABLE	EPRF	EXPLOSION PROOF	NIC	NOT IN CONTRACT
		ESMT	EASEMENT	NL	NIGHT LIGHT
ACC	ACCESSIBLE	EWC	ELECTRIC WATER COOLER	NO	NORMALLY OPEN
ADO	AUTOMATIC DOOR OPENER	EWH	ELECTRIC WATER HEATER	NS	NO SCALE
AFC	ABOVE FINISHED COUNTER, AUTOMATIC FREQUENCY CONTROL, OR AVAILABLE FAULT CURRENT	EXIST	EXISTING	NTS	NOT TO SCALE
		FA	FIRE ALARM	OC	ON CENTER
AFF	ABOVE FINISHED FLOOR	FAAP	FIRE ALARM ANNUNCIATOR PANEL	OD	OUTSIDE DIAMETER
AFG	ABOVE FINISHED GRADE	FABL	FIRE ALARM BELL	OF	OWNER FURNISHED
AH	AMPERE HOUR	FABX	FIRE ALARM BOX	OF/CI	OWNER FURNISHED/CONTRACTOR INSTALLED
AHJ	AUTHORITY HAVING JURISDICTION	FACP	FIRE ALARM CONTROL PANEL		
AIC	AMPERE INTERRUPTING CAPACITY	FC	FOOTCANDLE	OF/OI	OWNER FURNISHED/OWNER INSTALLED
AMP	AMPERE	FIXT	FIXTURE	OL	OVERLOAD
ASC	AMPS SHORT CIRCUIT	FLA	FULL LOAD AMPS	OS	OCCUPANCY SENSOR
AT	AMPERE TRIP	FLEX	FLEXIBLE METALLIC CONDUIT		
ATS	AUTOMATIC TRANSFER SWITCH	FLT	FLOODLIGHT	P	POLE
AUTO	AUTOMATIC	FLUOR	FLUORESCENT	PA	PUBLIC ADDRESS
AV	AUDIO VISUAL	FLUOR FIX	FLUORESCENT FIXTURE	PB	PANELBOARD, PULL BOX, OR PUSHBUTTON
		FOUTT	TELEPHONE FLOOR OUTLET		
BAS	BUILDING AUTOMATION SYSTEM	FP	FIRE PROTECTION	PBPU	PREFABRICATED BEDSIDE PATIENT UNIT
BFF	BELOW FINISH FLOOR	FT	FEET OR FOOT	PCB	POLYCHLORINATED BIPHENYL
BLDG	BUILDING	FU SW	FUSED SWITCH	PEC	PHOTOELECTRIC CELL
BPIP	BOILER PLANT INSTRUMENTATION PANEL	FVNR	FULL VOLTAGE NON-REVERSING	PED	PEDESTAL
BRKR	BREAKER	FVR	FULL VOLTAGE REVERSING	PEND	PENDANT
BYP	BYPASS			PF	POWER FACTOR
		G OR GND	GROUND	PH	PHASE
C	CONDUIT	GEN	GENERATOR	PNL	PANEL
CAB	CABINET	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	POD	POWER OPERATED DAMPER
CALC	CALCULATE	GTB	GROUND TERMINAL BOX	PT	POTENTIAL TRANSFORMER
CAP	CAPACITY			PTRV	POWER TYPE ROOF VENTILATION
CAT	CATALOG	HID	HIGH INTENSITY DISCHARGE	PVC	POLYVINYL CHLORIDE (PLASTIC)
CATV	COMMUNITY ANTENNA TELEVISION	HOA	HAND-OFF-AUTOMATIC	PWR	POWER
CCR	CONTROL CONTACTOR	HP	HORSEPOWER		
CCTV	CLOSED CIRCUIT TELEVISION	HT	HEIGHT	RCP	REFLECTED CEILING PLAN
cd	CANDELA	HZ	HERTZ	REC	RECESSED
CD	CONSTRUCTION DOCUMENTS			RECPT	RECEPTACLE
CF	CONTRACTOR FURNISHED	IESNA	ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA	RGS	RIGID GALVANIZED STEEL
CF/CI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED	IMC	INTERMEDIATE METAL CONDUIT	RM	ROOM
		INCAND	INCANDESCENT	RMS	ROOT MEAN SQUARE
CF/OI	CONTRACTOR FURNISHED/OWNER INSTALLED	IR	INFRARED	REQD	REQUIRED
		IWH	INSTANTANEOUS WATER HEATER	SCC	SHORT CIRCUIT CAPACITY
CHW	CHILLED WATER			SES	SERVICE ENTRANCE SECTION
CHWP	CHILLED WATER PUMP	J-BOX	JUNCTION BOX	SD	SMOKE DETECTOR
CKT	CIRCUIT			SF	SQUARE FOOT (FEET)
CKT BRKR	CIRCUIT BREAKER	KV	KILOVOLT	SHT	SHEET
CLF	CURRENT LIMITING FUSE	KVA	KILOVOLT AMPERE	SI	INTERNATIONAL SYSTEM OF UNITS
CLG	CEILING	KVAH	KILOVOLT AMPERE PER HOUR	SPEC	SPECIFICATION
CMU	CONCRETE MASONRY UNIT	KVAR	KILOVOLT AMPERE REACTIVE	SPST	SINGLE POLE, SINGLE THROW
COAX	COAX CABLE	KW	KILOWATT	SPDT	SINGLE POLE, DOUBLE THROW
COMM	COMMUNICATION	KWH	KILOWATT HOUR	SURF	SURFACE
CONC	CONCRETE	KWHM	KILOWATT HOUR METER	SW	SWITCH
CONT	CONTINUE			SWBD	SWITCHBOARD
CONTR	CONTRACTOR	LED	LIGHT EMITTING DIODE	SWGR	SWITCHGEAR
COORD	COORDINATE	LF	LINEAR FEET (FOOT)		
CPT	CONTROL POWER TRANSFORMER	LM	LUMEN	TC	TIME CLOCK
CRI	COLOR RENDERING INDEX	LP	LIGHT POLE	TEL	TELEPHONE
CT	CURRENT TRANSFORMER	LPS	LOW PRESSURE SODIUM	TP	TWISTED PAIR
CTV	CABLE TELEVISION	LRA	LOCKED ROTOR AMPS	TPS	TWISTED PAIR SHIELDED
CU	COPPER	LTCP	LOCAL TEMPERATURE CONTROL PANEL	TTB	TELEPHONE TERMINAL BOARD
CU FT	CUBIC FEET	LT	LIGHT	TV	TELEVISION
CUR	CURRENT	LTG	LIGHTING	TYP	TYPICAL
		LTG PNL	LIGHTING PANEL		
DAS	DISTRIBUTED ANTENNA SYSTEM	LTNG	LIGHTNING	UFD	UNDERFLOOR DUCT
DB	DECIBEL	LV	LOW VOLTAGE	UGND	UNDERGROUND
DC	DIRECT CURRENT			UL	UNDERWRITERS LABORATORY
DCP	DIMMER CONTROL PANEL	MATV	MASTER ANTENNA TELEVISION SYSTEM	UON	UNLESS OTHERWISE NOTED
DEG C	DEGREES CELSIUS	MAX	MAXIMUM	UPS	UNINTERRUPTIBLE POWER SUPPLY
DEG F	DEGREES FAHRENHEIT	MC	METAL-CLAD	UTIL	UTILITY
DEMO	DEMOLITION	MCA	MINIMUM CIRCUIT AMPS		
DIAG	DIAGRAM	MCB	MAIN CIRCUIT BREAKER	V	VOLT
DISC	DISCONNECT	MCC	MOTOR CONTROL CENTER	VA	VOLT AMPERE
DISTR	DISTRIBUTION	MDP	MAIN DISTRIBUTION PANEL	VAR	VOLT AMPERE REACTIVE
DISTR PNL	DISTRIBUTION PANEL	MECH	MECHANICAL	VFD	VARIABLE FREQUENCY DRIVE
DMR SW	DIMMER SWITCH	MG	MOTOR GENERATOR	VOLT	VOLTAGE
DN	DOWN	MH	MANHOLE	VS	VACANCY SENSOR
DPDT	DOUBLE POLE, DOUBLE THROW	MIN	MINIMUM		
DPST	DOUBLE POLE, SINGLE THROW	MOCP	MAXIMUM OVERCURRENT PROTECTION	W	WATT
DRSW	DOOR SWITCH	MLO	MAIN LUGS ONLY	WH	WATER HEATER
DS	DISCONNECT SWITCH	MT	MOUNT	WP	WEATHERPROOF
DWG	DRAWING	MTD	MOUNTED		
		MTG	MOUNTING	XFER	TRANSFER
EC	EMPTY CONDUIT	MTS	MANUAL TRANSFER SWITCH	XFMR	TRANSFORMER
EG	EQUIPMENT GROUND	MVA	MEGAVOLT-AMPERE		
EL	ELEVATION				

BID DOCUMENTS

Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

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Drawing Title: ELECTRICAL LEGENDS AND ABBREVIATIONS

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, ND 58102

Date: 7/17/2024 | Checked: WEW | Drawn: JS

Project Number: 437-23-103

Building Number: 9

Drawing Number: E0.00

Dwg. 25 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

12/2/2009 10:11:29 AM

VA FORM 08-6231

LIGHTING FIXTURE SCHEDULE

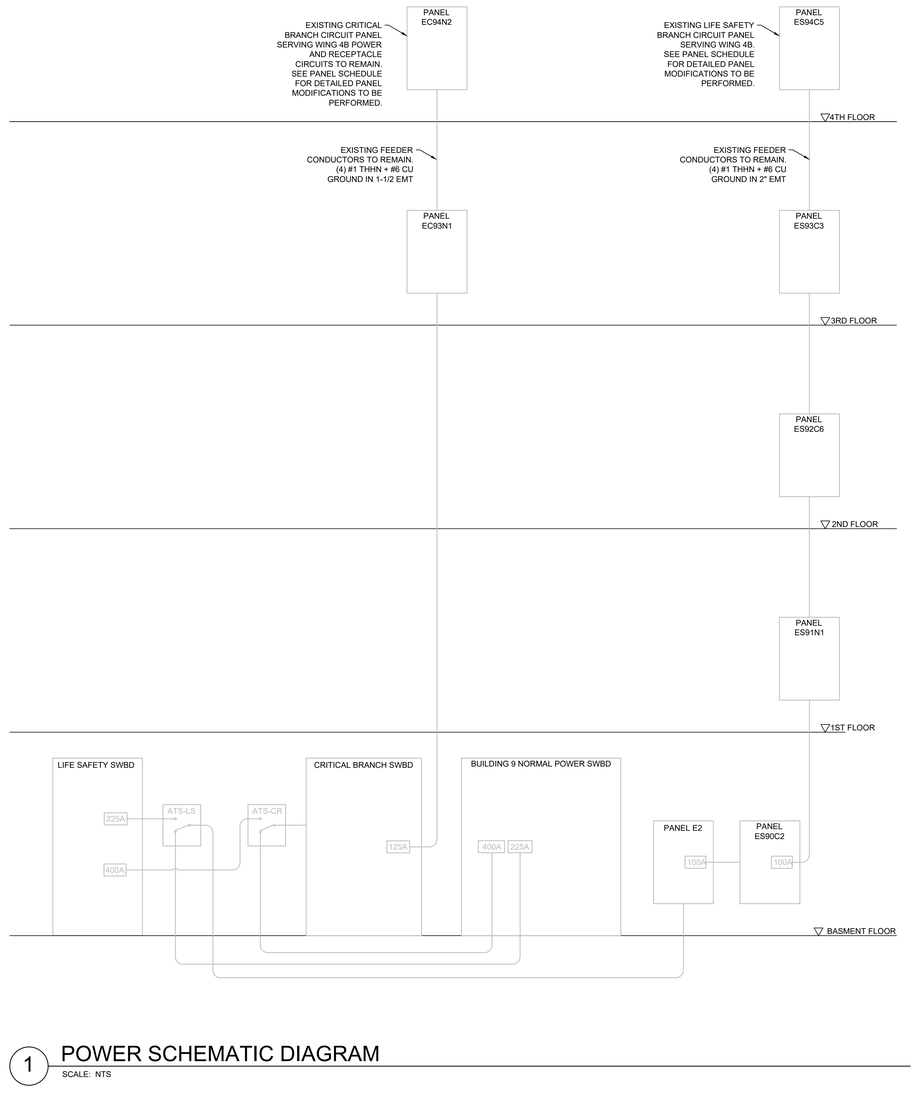
SYMBOL	LETTER DESIG.	FIXTURE MANUFACTURER	FIXTURE DESCRIPTION	FIXTURE CATALOG NO.	LOCATION	TYPE	HEIGHT	LAMP TYPE	LAMP # BULBS	LAMP WATTS	LAMP LUMENS	NOTES		HYPERLINK
	A	-	EXISTING RECESSED 2'x4' TROFFER	-	CEILING	RECESSED	8'	LED	4	-	-	1		
	B	-	EXISTING RECESSED LINEAR LUMINAIRE	-	CEILING	RECESSED	8'	LED	-	-	-	1		
	C	-	EXISTING 4' SURFACE MOUNT WRAP	-	CEILING	SURFACE	8'	LED	-	-	-	1		
	D	-	EXISTING RECESSED CAN	-	CEILING	RECESSED	8'	LED	-	-	-	1		
	F	-	EXISTING SURFACE MOUNT VANITY LIGHT	-	CELING/WALL	SURFACE	VARIES	LED	-	-	-	1		
	G	-	EXISTING WALL MOUNT NIGHT LIGHT	-	WALL	SURFACE	48" AFF	LED	-	-	-	1		
	H	-	EXISTING RECESSED STEP LIGHT	-	CEILING	SURFACE	18" AFF	LED	-	-	-	1		
	J	-	EXISTING WALL MOUNT EXIT LIGHT	-	CEILING	SURFACE	8'	LED	-	-	-	1		
	K	KENALL/LEGRAND	NEW CEILING MOUNT EXIT LIGHT	MMEX-R-DT-1	CEILING	SURFACE	8'	LED	-	-	-	1, 2		SPEC

LUMINAIRE NOTES:
1. LUMINAIRE IS OF ANTI-LIGATURE DESIGN AND MUST BE INSTALLED USING TAMPER PROOF SCREWS AND SEALED WITH ANTI-PICK CALKING WHERE IT JOINS GYPSUM WALL/CEILING.
2. ALTERNATE "AS EQUAL" OR SIMILAR SELECTIONS ARE NOT ALLOWED FOR NEW EXIT LIGHTING FIXTURES.

CONTROL NOTES:
A. ON BOARD PHOTO CONTROL.
B. 0-10 V DIMMING..
E. EMERGENCY BACKUP BATTERY ON FIXTURES WITH ADDITIONAL E TAG.

GENERAL PANEL SCHEDULE NOTE

CIRCUIT BREAKER AND LOAD INFORMATION WITHIN PANEL SCHEDULE SHOWN IN GRAY IS EXISTING TO REMAIN WITHOUT MODIFICATIONS.
INFORMATION SHOWN IN BLACK DENOTES PANEL MODIFICATIONS TO BE PERFORMED.



1 POWER SCHEMATIC DIAGRAM
SCALE: NTS

EXISTING PANEL "EC94N2"

PANEL LOCATION: CORRIDOR (OUTSIDE 4B-71) | L-L VOLT: 208 | PHASE: 3 | MAIN: LUG N | BREAKER 225 A
MFR/MODEL: SQUARE D MHC56FHR | L-N VOLT: 120 | WIRES: 4 | WIRE SIZE: (EXISTING) (4) #1 THHN + #6 CU | FED FROM: PANEL ES93N1
AIC: 10,000 | RATED AMP: 225 | NEUTRAL 100% | COND. SIZE: (EXISTING) (1) 1-1/2 EMT | MOUNT: RECESSED

DESCRIPTION	BREAKER TYPE	POLE	AMP	BRANCH WIRE SIZE	INSULATION	GND	L-LOAD	R-LOAD	O-LOAD	T/S/O/M A/E/H	PHASE			T/S/O/M A/E/H	O-LOAD	R-LOAD	L-LOAD	BRANCH WIRE SIZE	INSULATION	GND	BREAKER AMP	POLE	TYPE	DESCRIPTION
LTS		1	20	(2)#12	THHN	#12	1920				1	A	2								20	1		SPARE
OUTLETS		1	20	(2)#12	THHN	#12		1080			3	B	4								20	1		SPARE
OUTLETS EM & TV		1	20	(2)#12	THHN	#12		1080			5	C	6								20	1		SPARE
SPARE		1	20								7	A	8								20	1		SPARE
4B-55,58,59,60,62,63,65 OTS		1	20	(2)#12	THHN	#12		1080			9	B	10								20	1		SPARE
4B-50,65 OUTLETS		1	20	(2)#12	THHN	#12		1080			11	C	12				1920	(2)#12	THHN	#12	20	1		LTS - NURSE STATION
SPARE		1	20								13	A	14			1080		(2)#12	THHN	#12	20	1		4B-50 OUTLETS
SPARE		1	20								15	B	16			1080		(2)#12	THHN	#12	20	1		OUTLETS - NURSE STATION
SPARE		1	20								17	C	18			1080		(2)#12	THHN	#12	20	1		OUTLETS - NURSE STATION
SPARE		1	20								19	A	20			1200		(2)#12	THHN	#12	20	1		OMNICELL - NURSE STATION
SPARE		1	20								21	B	22			1080		(2)#12	THHN	#12	20	1		OUTLETS - NURSE STATION
SPARE		1	20								23	C	24			1080		(2)#12	THHN	#12	20	1		OUTLETS - NURSE STATION
SPARE		1	20								25	A	26								20	1		SPARE
SPARE		1	20								27	B	28								20	1		SPARE
SPARE		1	20								29	C	30								20	1		SPARE
SPARE		1	20								31	A	32								20	1		SPARE
SPARE		1	20								33	B	34								20	1		SPARE
SPARE		1	20								35	C	36								20	1		SPARE
SPARE		1	20								37	A	38								20	1		SPARE
SPARE		1	20								39	B	40								20	1		SPARE
SPARE		1	20								41	C	42								20	1		SPARE
SUMMARY CONNECTED LOADS							1920	4320	0	M A S E H T O	LOAD (VOLT-AMPERES)			M A S E H T O	0	6600	1920						SUMMARY CONNECTED LOADS

DESCRIPTION	CONN. KVA			D.F	DEM. KVA	AMPERAGE FED TO PANEL	100 AMP		
LIGHTING	3.8			1.25	4.8	TOTAL CONNECTED LOAD	41.0 AMP	14.8 KVA	
RECEPTACLES (FIRST 10KW)	10.0			1.0	10.0	TOTAL DEMAND LOAD	42.4 AMP	15.3 KVA	
RECEPTACLES (REMAINDER)	0.9			0.5	0.5	DESIGN (MAX)	100 AMP	36.0 KVA	
MOTORS	0.0			1.0	0.0	SPARE LOAD	58 AMP	20.8 KVA	
LARGEST MOTOR	0.0			1.25	0.0				
APPLIANCES	0.0			1.0	0.0	CONNECTED LOAD BALANCE SUMMARY			
SUBFEED	0.0			0.8	0.0	PHASE A	35.0 AMP	4.2 KVA	
EQUIPMENT	0.0			1.0	0.0	PHASE B	36.0 AMP	4.32 KVA	
HEATING	0.0			1.0	0.0	PHASE C	52.0 AMP	6.24 KVA	
TRANSFORMER	0.0			1.0	0.0				
OTHER	0.0			1.0	0.0	A TO B	-3 %		
						B TO C	-44 %		
						C TO A	33 %		
TOTAL KVA	14.8 KVA				15.3 KVA	NOTE: ALL BRANCH WIRE SIZING IS BASED ON CIRCUIT SHOWN BEING THE ONLY CIRCUIT			
TOTAL AMP	41.0 AMP				42.4 AMP	WITHIN THE CONDUIT. AT CONTRACTOR OPTION UP TO 3 CIRCUITS MAY BE RUN TOGETHER IN			
DESIGN (MAX)					100 AMP	A SINGLE CONDUIT AS LONG AS THEY DO NO SHARE A NEUTRAL AND CONDUCTORS ARE			
SPARE					57.6 AMP	DERATED BASED ON 2016 NEC TABLE 310.15(B)(3)(a)			

LEGEND/KEY
T=TRANSFORMER
S=SUBFEED
O=OTHER
M=MOTOR
A=APPLIANCE
E=EQUIPMENT
H=HEATING
R=RECEPTACLES
L=LIGHTING
CONN=CONNECTED
DEM=DEMAND
SPR=SPARE
SPC=SPACE
D.F.=DEMAND FACTOR
GFCI=GROUND FAULT CIRCUIT
ST-SHUNT TRIP

REMOVE WIRING FOR NURSE CALL SYSTEM AND MAINTAIN BREAKER AS SPARE. RE-LABEL CIRCUIT IN PANEL.

REMOVE WIRING FOR NURSE CALL SYSTEM AND MAINTAIN EXISTING 20-AMP SINGLE POLE BREAKER AS SPARE. RE-LABEL CIRCUIT IN PANEL.

EXISTING PANEL "ES94C5"

PANEL LOCATION: CORRIDOR (OUTSIDE 4A-19) | L-L VOLT: 208 | PHASE: 3 | MAIN: LUG Y | BREAKER N
MFR/MODEL: GOULD INC. ITE PANELBOARD | L-N VOLT: 120 | WIRES: 4 | WIRE SIZE: (EXISTING) (4) #1 THHN + #6 CU | FED FROM: PANEL ES93C3
AIC: 10,000 | RATED AMP: 225 | NEUTRAL 100% | COND. SIZE: (EXISTING) (1) 2" EMT | MOUNT: RECESSED

DESCRIPTION	BREAKER TYPE	POLE	AMP	BRANCH WIRE SIZE	INSULATION	GND	L-LOAD	R-LOAD	O-LOAD	T/S/O/M A/E/H	PHASE			T/S/O/M A/E/H	O-LOAD	R-LOAD	L-LOAD	BRANCH WIRE SIZE	INSULATION	GND	BREAKER AMP	POLE	TYPE	DESCRIPTION
LIGHTS CORRIDOR		1	20	(2)#12	THHN	#12	1920				1	A	2				500	(2)#12	THHN	#12	15	1		LIGHTS - LOBBY & DOOR OP
SPARE WYE J-BOX		1	15	(2)#12	THHN	#12					3	B	4				1920	(2)#12	THHN	#12	20	1		LIGHTS - CORRIDOR
EXIT LIGHTS		1	20	(2)#12	THHN	#12	500				5	C	6				500	(2)#12	THHN	#12	20	1		LIGHTS - HALL SURGERY
BARCODE		1	15	(2)#12	THHN	#12			500	O	7	A	8				500	(2)#12	THHN	#12	20	1		LIGHTS - HALL SURGERY
BARCODE		1	20	(2)#12	THHN	#12			500	O	9	B	10			1080		(2)#12	THHN	#12	20	1		4047 & 4048 RECPS
LIGHTS CORRIDOR		1	20	(2)#12	THHN	#12	1920				11	C	12			1080		(2)#12	THHN	#12	20	1		4047 & 4048 RECPS
MED GAS ROOM 4011		1	20	(2)#12	THHN	#12			500	O	13	A	14			1080		(2)#12	THHN	#12	20	1		4053 TO 4057 RECPS
MJAAP RM 4032 NURSE ST		1	20	(2)#12	THHN	#12			1080	O	15	B	16				180	(2)#12	THHN	#12	20	1		ELEVATOR 1 LIGHTS
STICC FEEDING STROL		1	20	(2)#12	THHN	#12			1080	O	17	C	18				180	(2)#12	THHN	#12	20	1		ELEVATOR 2 LIGHTS
4B ACCESS CONTROLS		1	20	(2)#12	THHN	#12			1080	O	19	A	20				180	(2)#12	THHN	#12	20	1		ELEVATOR 3 LIGHTS
4B ACCESS CONTROLS		1	20	(2)#12	THHN	#12			1080	O	21	B	22				500	(2)#12	THHN	#12	20	1		ATTIC LIGHTS & EXIT
FIRE-ACTION PANEL COMP		1	20	(2)#12	THHN	#12			500	O	23	C	24	O	500			(2)#12	THHN	#12	20	1		4B TEMPERATURE PANEL
4B EM EGRESS LIGHTS		1	20	(2)#12	THHN	#12	500				25	A	26	O	500			(2)#12	THHN	#12	20	1		4B TEMP SALLY PORT
PANIC/SECURITY SYSTEM		1	20	(2)#12	THHN	#12			500	O	27	B	28	O	500			(2)#12	THHN	#12	20	1		4B ACCESS CONTROL PNL
4B DOOR CONTROLLER		1	20	(2)#12	THHN	#12			500	O	29	C	30											SPACE
SUMMARY CONNECTED LOADS							4840	0	0 6740	M A S E H T O	LOAD (VOLT-AMPERES)			M A S E O H T O	0 1500	3240	4460							SUMMARY CONNECTED LOADS

DESCRIPTION	CONN. KVA			D.F	DEM. KVA	AMPERAGE FED TO PANEL	100 AMP		
LIGHTING	9.3			1.25	11.6	TOTAL CONNECTED LOAD	57.7 AMP	20.8 KVA	
RECEPTACLES (FIRST 10KW)	3.2			1.0	3.2	TOTAL DEMAND LOAD	64.1 AMP	23.1 KVA	
RECEPTACLES (REMAINDER)	0.0			0.5	0.0	DESIGN (MAX)	100 AMP	36.0 KVA	
MOTORS	0.0			1.0	0.0	SPARE LOAD	36 AMP	12.9 KVA	
LARGEST MOTOR	0.0			1.25	0.0				
APPLIANCES	0.0			1.0	0.0	CONNECTED LOAD BALANCE SUMMARY			
SUBFEED	0.0			0.8	0.0	PHASE A	60.5 AMP	7.26 KVA	
EQUIPMENT	0.0			1.0	0.0	PHASE B	61.2 AMP	7.34 KVA	
HEATING	0.0			1.0	0.0	PHASE C	51.5 AMP	6.18 KVA	
TRANSFORMER	0.0			1.0	0.0				
OTHER	8.2			1.0	8.2	A TO B	-1 %		
						B TO C	16 %		
						C TO A	-17 %		
TOTAL KVA	20.8 KVA				23.1 KVA	NOTE: ALL BRANCH WIRE SIZING IS BASED ON CIRCUIT SHOWN BEING THE ONLY CIRCUIT			
TOTAL AMP	57.7 AMP				64.1 AMP	WITHIN THE CONDUIT. AT CONTRACTOR OPTION UP TO 3 CIRCUITS MAY BE RUN TOGETHER IN			
DESIGN (MAX)					100 AMP	A SINGLE CONDUIT AS LONG AS THEY DO NO SHARE A NEUTRAL AND CONDUCTORS ARE			
SPARE					35.9 AMP	DERATED BASED ON 2016 NEC TABLE 310.15(B)(3)(a)			

LEGEND/KEY
T=TRANSFORMER
S=SUBFEED
O=OTHER
M=MOTOR
A=APPLIANCE
E=EQUIPMENT
H=HEATING
R=RECEPTACLES
L=LIGHTING
CONN=CONNECTED
DEM=DEMAND
SPR=SPARE
SPC=SPACE
D.F.=DEMAND FACTOR
GFCI=GROUND FAULT CIRCUIT
ST-SHUNT TRIP

CIRCUIT LOADS WILL BE MODIFIED TO INCLUDE NEW DOOR ACCESS CONTROL DEVICES AT NURSES STATION.

CIRCUIT LOADS WILL BE MODIFIED TO INCLUDE NEW DOOR ACCESS CONTROL AND INTERCOM DEVICES WITHIN EXISTING SALLY PORT.

INSTALL NEW SINGLE POLE 20 AMP BREAKER IN EXISTING SPACE. CONNECT HOME RUN WIRING FOR NEW DDC TEMPERATURE CONTROL PANEL LOCATED IN NURSES STATION.

INSTALL NEW SINGLE POLE 20 AMP BREAKER IN EXISTING SPACE. CONNECT HOME RUN WIRING FOR POWER TO NEW TEMPORARY SALLY PORT DOOR ACCESS CONTROL, INTERCOM AND SECURITY DEVICES.

INSTALL NEW SINGLE POLE 20 AMP BREAKER IN EXISTING SPACE. CONNECT HOME RUN WIRING FOR POWER TO NEW DOOR ACCESS CONTROL PANEL.

BID DOCUMENTS

Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

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Drawing Title: ELECTRICAL SCHEDULES
Approved: Project Director
Project Title: UPDATE WING 4B
Location: 2101 ELM STREET FARGO, ND 58102
Date: 7/17/2024 | Checked: WEW | Drawn: JS
Project Number: 437-23-103
Building Number: 9
Drawing Number: E0.01
Dwg. 26 of 39

Office of Construction and Facilities Management
Department of Veterans Affairs

12/2/2009 10:11:29 AM

VA FORM 08-6231

EXISTING SALLY PORT DOOR 1 - OPERATIONAL DESCRIPTION:

DOOR IS NORMALLY CLOSED AND LOCKED.

EGRESS THROUGH DOOR WILL BE ALLOWED BY ANY OF THE FOLLOWING:
- A SWIPE OF A VALID CREDENTIAL AT THE WALL MOUNT CARD READER.
- A SIGNAL FROM THE DOOR ACCESS CONTROL BUTTON LOCATED WITHIN THE NURSE'S STATION. ACCESS IS TO BE REQUESTED BY CONTACTING THE NURSE'S STATION VIA THE VIDEO INTERCOM STATIONS LOCATED ADJACENT TO THE PASSAGE.
- A SIGNAL FROM THE WALL-MOUNT BARREL STYLE KEYED OVERRIDE SWITCH.

CONTROL OF THE TEMPORARY SALLY PORT ENTRANCE AND EXIT DOORS ARE TO BE ELECTRONICALLY INTERLOCKED SO THAT IF ONE DOOR IS OPENED, THE SECOND DOOR WILL NOT UNLOCK UNTIL THE FIRST DOOR IS CLOSED AND LOCKED.

THE STATUS OF EACH OF THE TEMPORARY SALLY PORT DOORS IS TO BE MONITORED WITH AN AUDIBLE NOTIFICATION WITHIN THE NURSE'S STATION IF EITHER DOOR IS LEFT IN THE UNLOCKED POSITION.

UPON A LOSS OF POWER, THE MAGNETIC LOCK AND THE ELECTRIC STRIKE ARE TO RELEASE ALLOWING FREE EGRESS.

1 DOOR OPERATIONAL DESCRIPTION - EXISTING SALLY PORT DOOR 1

SCALE: NTS

OPERATIONAL DESCRIPTION:

DOOR IS NORMALLY CLOSED AND LOCKED.

EGRESS THROUGH DOOR WILL BE ALLOWED BY ANY OF THE FOLLOWING:
- A SWIPE OF A VALID CREDENTIAL AT THE WALL MOUNT CARD READER.
- A SIGNAL FROM THE DOOR ACCESS CONTROL BUTTON LOCATED WITHIN THE NURSE'S STATION. ACCESS IS TO BE REQUESTED BY CONTACTING THE NURSE'S STATION VIA THE VIDEO INTERCOM STATIONS LOCATED ADJACENT TO THE PASSAGE.
- A SIGNAL FROM THE WALL-MOUNT BARREL STYLE KEYED OVERRIDE SWITCH.

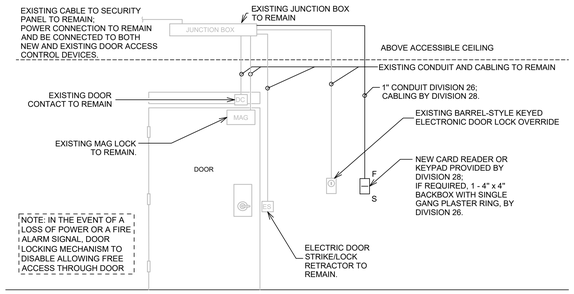
CONTROL OF THE TEMPORARY SALLY PORT ENTRANCE AND EXIT DOORS ARE TO BE ELECTRONICALLY INTERLOCKED SO THAT IF ONE DOOR IS OPENED, THE SECOND DOOR WILL NOT UNLOCK UNTIL THE FIRST DOOR IS CLOSED AND LOCKED.

THE STATUS OF EACH OF THE TEMPORARY SALLY PORT DOORS IS TO BE MONITORED WITH AN AUDIBLE NOTIFICATION WITHIN THE NURSE'S STATION IF EITHER DOOR IS LEFT IN THE UNLOCKED POSITION.

THE ELECTRIC STRIKE IS TO REMAIN LOCKED UPON LOSS OF POWER, SIGNAL FROM FIRE COMMAND CENTER, OR ACTIVATION OF FIRE ALARM SYSTEM. THE ELECTRIC STRIKE MUST BE EQUIPPED WITH A MANUAL, MECHANICAL BYPASS MECHANISM TO ALLOW NURSING STAFF TO RELEASE THE LOCKS USING A BARREL STYLE KEY, THUS ALLOWING SAFE EVACUATION OF PATIENTS IN EVENT OF EMERGENCY.

2 DOOR OPERATIONAL DESCRIPTION - EXISTING SALLY PORT DOOR 2 AND TEMPORARY SALLY PORT DOORS T1 & T2

SCALE: NTS

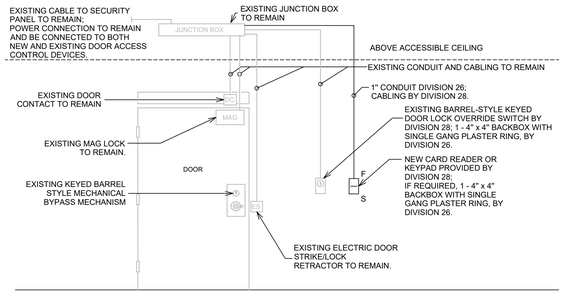


3 EXISTING SALLY PORT DOOR 1 ACCESS CONTROL DETAIL

SCALE: NTS

DOOR ACCESS CONTROL NOTE

THE DOOR LOCKING ARRANGEMENT SHOWN IS PERMITTED IN ACCORDANCE WITH NFPA 101 19.2.2.2.5 AS THE CLINICAL NEEDS OF PATIENTS REQUIRE SPECIALIZED SECURITY MEASURES OR POSE A SECURITY THREAT. STAFF MUST BE PROVIDED WITH KEYS TO THE MECHANICAL BYPASS MECHANISM THAT WILL BE CARRIED WITH THEM AT ALL TIMES.

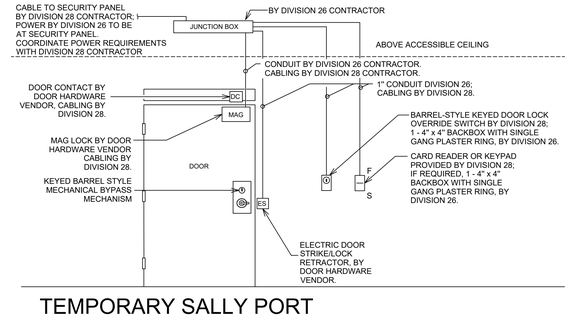


4 EXISTING SALLY PORT DOOR 2 ACCESS CONTROL DETAIL

SCALE: NTS

DOOR ACCESS CONTROL NOTE

THE DOOR LOCKING ARRANGEMENT SHOWN IS PERMITTED IN ACCORDANCE WITH NFPA 101 19.2.2.2.5 AS THE CLINICAL NEEDS OF PATIENTS REQUIRE SPECIALIZED SECURITY MEASURES OR POSE A SECURITY THREAT. STAFF MUST BE PROVIDED WITH KEYS TO THE MECHANICAL BYPASS MECHANISM THAT WILL BE CARRIED WITH THEM AT ALL TIMES.

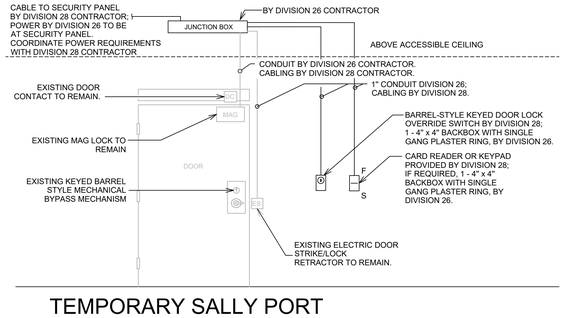


5 TEMPORARY SALLY PORT DOOR T1 ACCESS CONTROL DETAIL

SCALE: NTS

DOOR ACCESS CONTROL NOTE

THE DOOR LOCKING ARRANGEMENT SHOWN IS PERMITTED IN ACCORDANCE WITH NFPA 101 19.2.2.2.5 AS THE CLINICAL NEEDS OF PATIENTS REQUIRE SPECIALIZED SECURITY MEASURES OR POSE A SECURITY THREAT. STAFF MUST BE PROVIDED WITH KEYS TO THE MECHANICAL BYPASS MECHANISM THAT WILL BE CARRIED WITH THEM AT ALL TIMES.



6 TEMPORARY SALLY PORT DOOR T2 ACCESS CONTROL DETAIL

SCALE: NTS

BID DOCUMENTS

2 Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

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Drawing Title: ELECTRICAL DETAILS AND SCHEMATIC DIAGRAMS

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, ND 58102

Date: 7/17/2024 | Checked: WEW | Drawn: JS

Project Number: 437-23-103

Building Number: 9

Drawing Number: E0.02

Dwg. 27 of 39

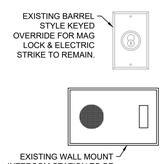
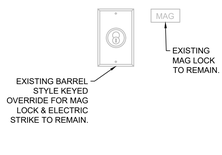
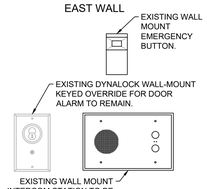
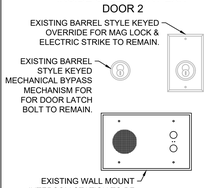
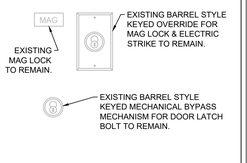
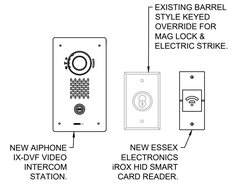
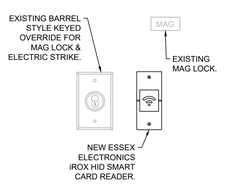
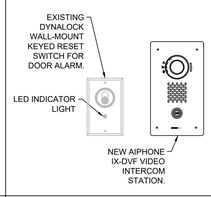
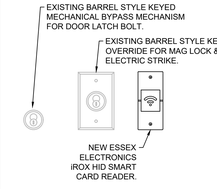
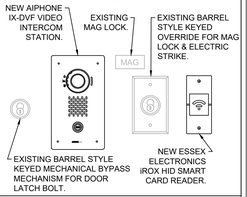
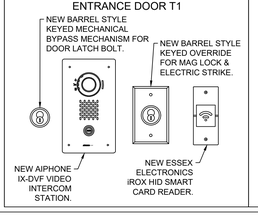
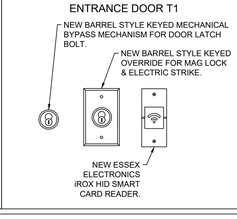
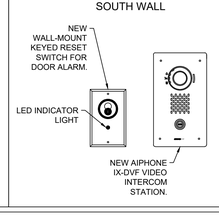
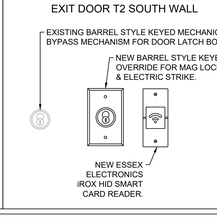
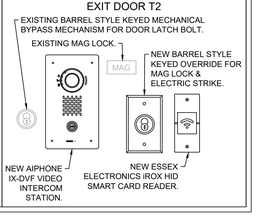
Office of Construction and Facilities Management

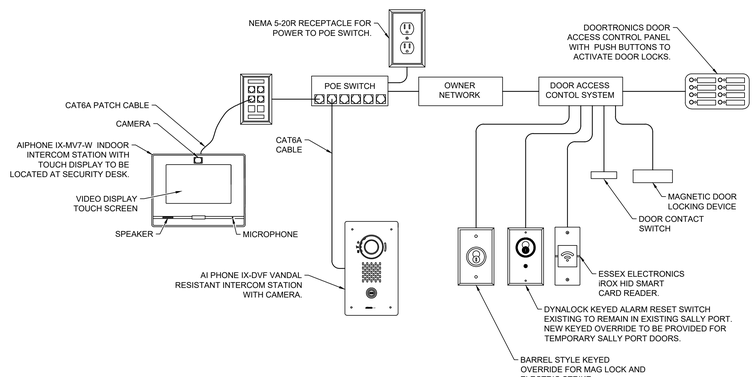
Department of Veterans Affairs

12/2/2009 10:11:29 AM

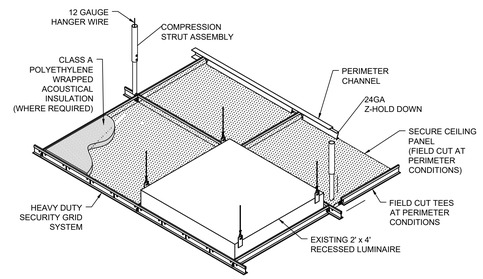
VA FORM 08-6231

SALLY PORT DOOR CONTROL AND INTERCOM EQUIPMENT MATRIX

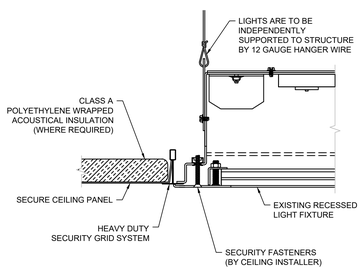
EXISTING SALLY PORT DEMO	OUTSIDE OF LOCKED WARD OUTSIDE SALLY PORT ENTRANCE DOOR 1 	SALLY PORT INTERIOR INSIDE SALLY PORT ENTRANCE DOOR 1 	SALLY PORT INTERIOR INSIDE SALLY PORT EAST WALL 	SALLY PORT INTERIOR INSIDE SALLY PORT EXIT DOOR 2 	INSIDE LOCKED WARD OUTSIDE SALLY PORT EXIT DOOR 2 
EXISTING SALLY PORT NEW CONST.	OUTSIDE OF LOCKED WARD OUTSIDE SALLY PORT ENTRANCE DOOR 1 	SALLY PORT INTERIOR INSIDE SALLY PORT ENTRANCE DOOR 1 	SALLY PORT INTERIOR INSIDE SALLY PORT EAST WALL 	SALLY PORT INTERIOR INSIDE SALLY PORT EXIT DOOR 2 	INSIDE LOCKED WARD OUTSIDE SALLY PORT EXIT DOOR 2 
NEW TEMP SALLY PORT	OUTSIDE OF LOCKED WARD AREA OUTSIDE OF TEMPORARY SALLY PORT ENTRANCE DOOR T1 	TEMPORARY SALLY PORT INTERIOR INSIDE OF SALLY PORT ENTRANCE DOOR T1 	TEMPORARY SALLY PORT INTERIOR INSIDE OF SALLY PORT SOUTH WALL 	TEMPORARY SALLY PORT INTERIOR INSIDE OF SALLY PORT EXIT DOOR T2 SOUTH WALL 	INSIDE LOCKED WARD OUTSIDE TEMPORARY SALLY PORT EXIT DOOR T2 



1 SALLY PORT INTERCOM & DOOR ACCESS CONTROL SCHEMATIC
SCALE: NTS



2 LUMINAIRE MOUNTING DETAIL
SECURE CEILING
SCALE: NTS



3 LUMINAIRE SUPPORT DETAIL
SECURE CEILING
SCALE: NTS

BID DOCUMENTS

Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

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Drawing Title: ELECTRICAL DETAILS AND SCHEMATIC DIAGRAMS

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, ND 58102

Date: 7/17/2024 | Checked: WEW | Drawn: JS

Project Number: 437-23-103

Building Number: 9

Drawing Number: E0.03

Dwg. 28 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

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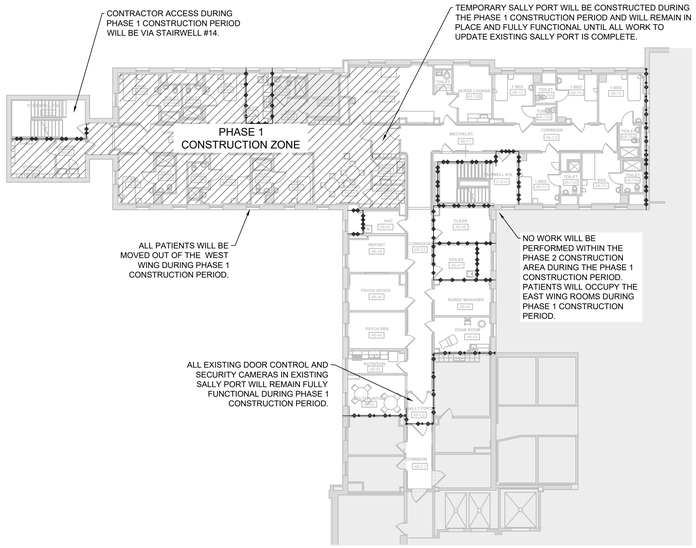
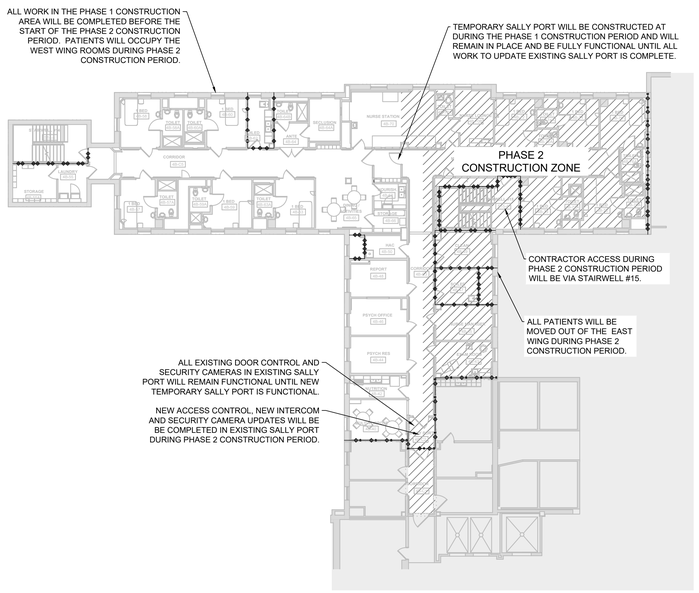
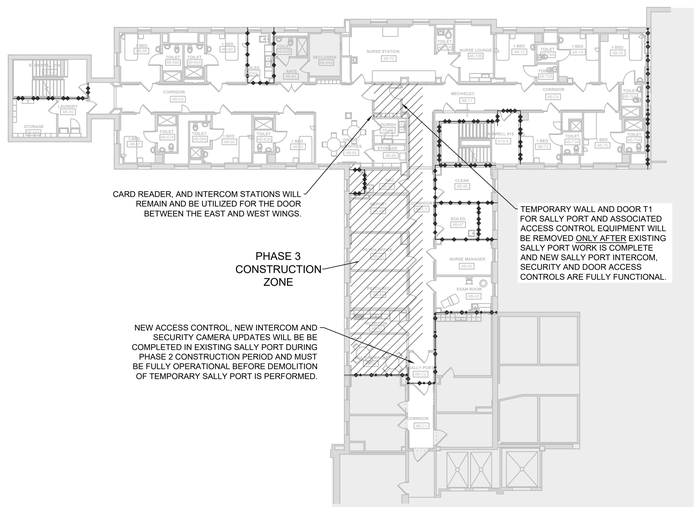


1 ELECTRICAL CONSTRUCTION PHASING PLAN - PHASE 1 N
1/8" = 1'-0"



2 ELECTRICAL CONSTRUCTION PHASING PLAN - PHASE 2 N
1/8" = 1'-0"



3 ELECTRICAL CONSTRUCTION PHASING PLAN - PHASE 3 N
1/8" = 1'-0"

BID DOCUMENTS

Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

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Drawing Title: ELECTRICAL CONSTRUCTION PHASING PLAN

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, ND 58102

Date: 7/17/2024 | Checked: WEW | Drawn: JS

Project Number: 437-23-103

Building Number: 9

Drawing Number: E0.04

Dwg. 29 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

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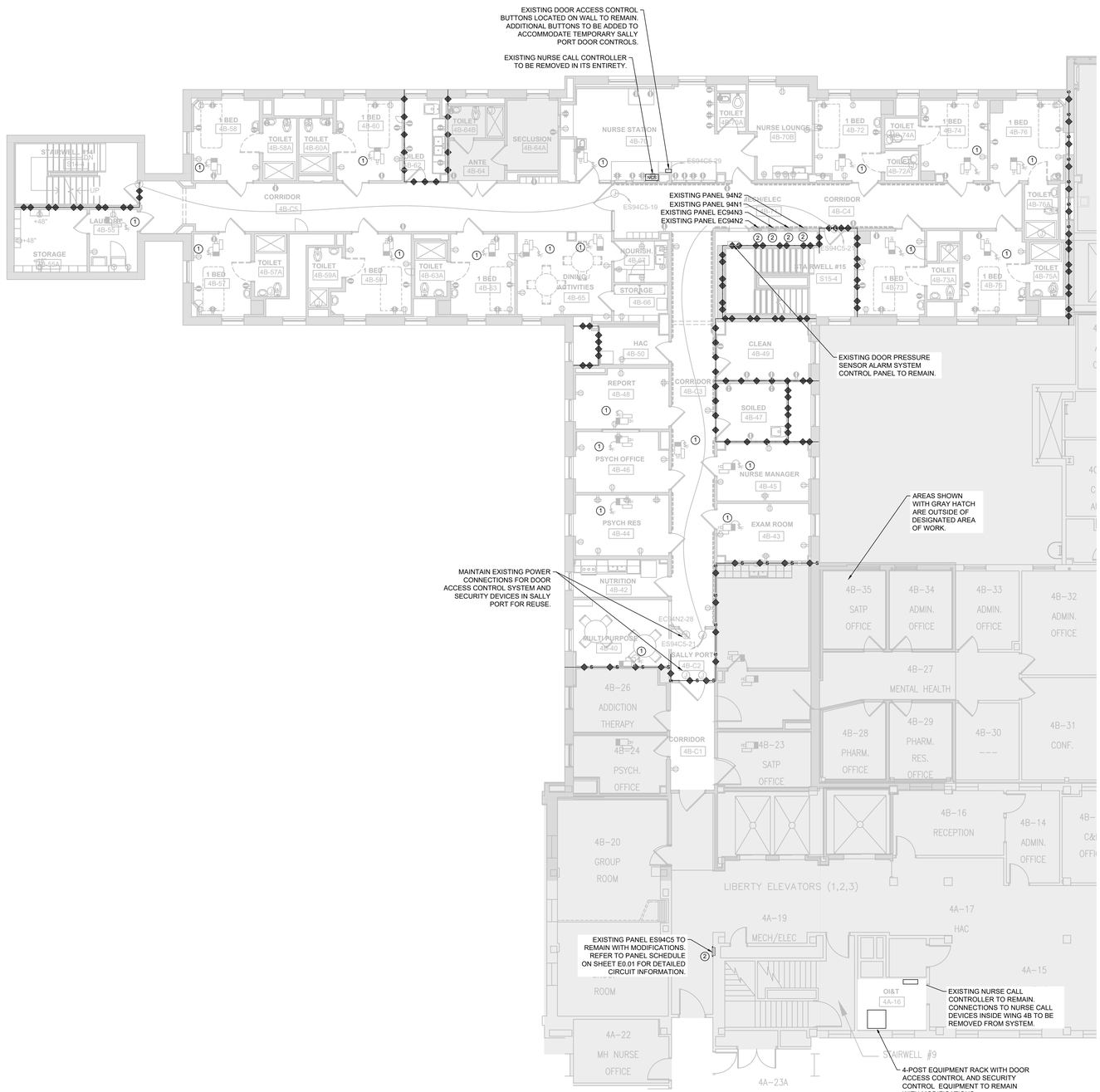
VA FORM 08-6231

RATED WALL LEGEND	
ONE-HOUR SMOKE BARRIER	
ONE-HOUR FIRE BARRIER	
TWO-HOUR FIRE BARRIER	

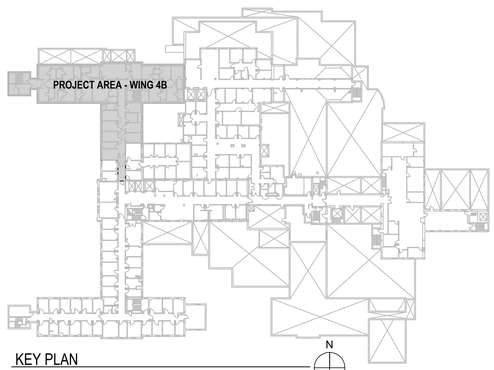
KEYED ELECTRICAL NOTES

1. EXISTING 120V POWER CONNECTION FOR TERMINAL UNITS TO BE MAINTAINED FOR FUTURE USE. EXISTING PNEUMATIC CONTROL MODULE TO BE REMOVED.
2. EXISTING ELECTRICAL PANEL TO REMAIN.



1 WING 4B POWER DEMOLITION PLAN

1/8" = 1'-0"



KEY PLAN

BID DOCUMENTS

Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

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Drawing Title	POWER DEMOLITION PLAN
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, ND 58102
Date	7/17/2024
Checked	WEW
Drawn	JS
Project Number	437-23-103
Building Number	9
Drawing Number	ED1.00
Dwg.	30 of 39

Office of Construction and Facilities Management

Department of Veterans Affairs

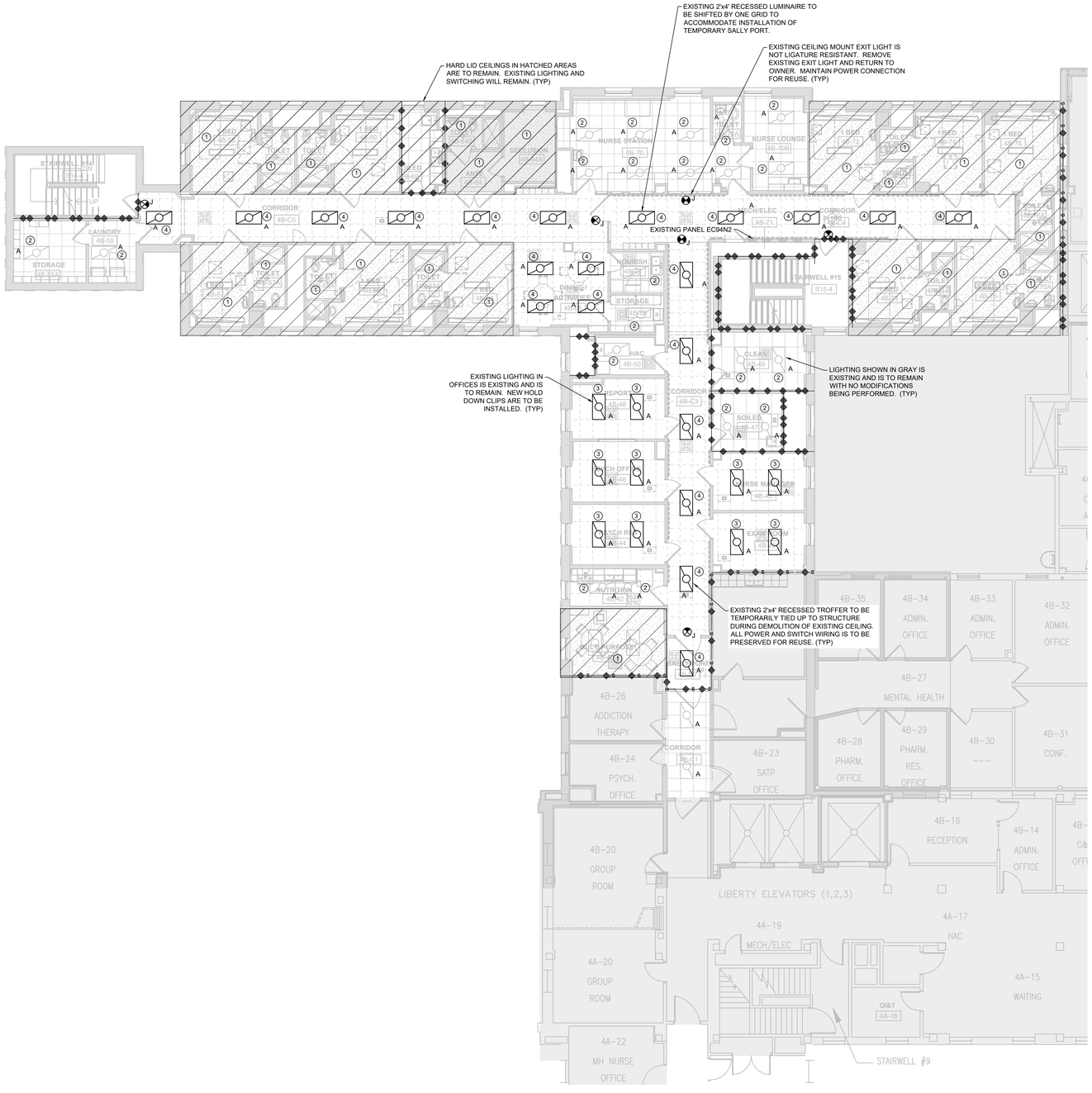
12/2/2009 10:11:29 AM

VA FORM 08-6231

RATED WALL LEGEND	
ONE-HOUR SMOKE BARRIER	
ONE-HOUR FIRE BARRIER	
TWO-HOUR FIRE BARRIER	

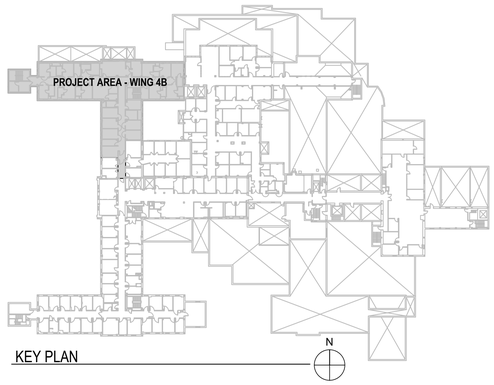
KEYED ELECTRICAL NOTES

1. EXISTING SURFACE MOUNT VANDAL-RESISTANT, ANTI-LIGATURE LUMINAIRES ARE TO REMAIN IN AREA WITH HARD LID CEILING. ALL POWER AND SWITCHING CONNECTIONS TO REMAIN.
2. EXISTING 2x4 RECESSED LUMINAIRE IS TO REMAIN IN EXISTING CEILING. ALL POWER AND SWITCHING CONNECTIONS TO REMAIN.
3. EXISTING 2x4 RECESSED LUMINAIRE IS TO REMAIN AND BE TEMPORARILY TIED UP TO STRUCTURE DURING INSTALLATION OF NEW HOLD DOWN CLIPS IN EXISTING CEILING. ALL POWER AND SWITCHING CONNECTIONS TO REMAIN.
4. EXISTING 2x4 RECESSED LUMINAIRE IS TO BE TEMPORARILY TIED UP TO STRUCTURE DURING INSTALLATION OF NEW HEAVY DUTY SECURE CEILING. ALL FIXTURES MUST BE INDEPENDENTLY SUPPORTED AND REINSTALLED INTO NEW SECURE CEILING GRID. ALL POWER AND SWITCHING CONNECTIONS TO REMAIN.



1 WING 4B LIGHTING DEMOLITION PLAN

1/8" = 1'-0"



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Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER — RAYMOND DAWES PEGGAU — NORTH DAKOTA

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Drawing Title	LIGHTING DEMOLITION PLAN
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, ND 58102
Date	7/17/2024
Checked	WEW
Drawn	JS
Project Number	437-23-103
Building Number	9
Drawing Number	ED2.00
Dwg.	31 of 39

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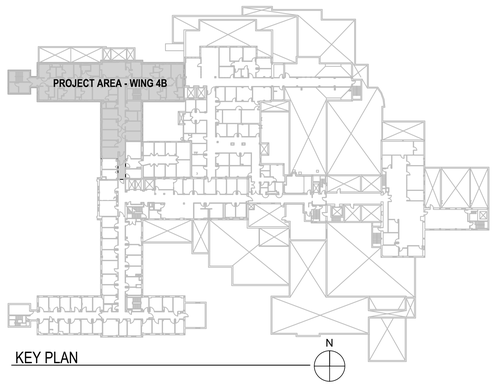
Department of Veterans Affairs

12/2/2009 10:11:29 AM

VA FORM 08-6231

1 WING 4B SPECIAL SYSTEMS DEMOLITION PLAN
1/8" = 1'-0"

N



KEY PLAN

RATED WALL LEGEND	
ONE-HOUR SMOKE BARRIER	
ONE-HOUR FIRE BARRIER	
TWO-HOUR FIRE BARRIER	

NURSE CALL DEMOLITION NOTE

ENTIRE EXISTING NURSE CALL SYSTEM IS TO BE REMOVED FROM THE AREA OF WORK SHOWN. THIS INCLUDES PATIENT BED STATIONS, DUTY STATIONS, PULL CORD STATIONS, SPEAKER STATIONS, CEILING MOUNT DOME LIGHTS AND MASTER STATION. ALL ASSOCIATED CONDUIT AND CABLING FOR THE NURSE CALL SYSTEM WILL BE REMOVED IN ITS ENTIRETY. EXISTING WALLS WILL BE PATCHED AND NEW WALL FINISHES APPLIED.

KEYED ELECTRICAL NOTES

1. EXISTING SECURITY CAMERA IS TO BE REMOVED TEMPORARILY WHILE NEW CEILING IS INSTALLED. EXISTING DATA AND POWER CONNECTIONS ARE TO BE MAINTAINED FOR REUSE. COORDINATE WORK CAREFULLY WITH PHASING PLAN IN ORDER TO MAINTAIN SECURITY OF LOCKED WARD AT ALL TIMES.
2. EXISTING SPEAKER IS TO BE TEMPORARILY TIED UP TO STRUCTURE WHILE NEW CEILING IS INSTALLED. EXISTING DATA AND POWER CONNECTIONS ARE TO BE MAINTAINED AND SPEAKER SYSTEM WILL REMAIN OPERATIONAL DURING CONSTRUCTION. COORDINATE WORK CAREFULLY WITH PHASING PLAN.

GENERAL CONSTRUCTION NOTE

ALL EXISTING CEILING MOUNT DEVICES THAT ARE NOT NOTED FOR DEMOLITION ON THESE PLANS ARE TO REMAIN. DEVICES SHALL BE TEMPORARILY TIED UP TO STRUCTURE AND THEN REINSTALLED IN NEW SECURE CEILING IN AREAS WHERE CEILINGS ARE BEING REPLACED.

BID DOCUMENTS

Revisions:	Date

Revision Number Associated with Clouded Area

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER — RAYMOND DAWES PE-9846 — NORTH DAKOTA

ARCHITECT/ENGINEER OF RECORD

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Drawing Title	SPECIAL SYSTEMS DEMOLITION PLAN
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, ND 58102
Date	7/17/2024
Checked	WEW
Drawn	JS
Project Number	437-23-103
Building Number	9
Drawing Number	ED3.00
Dwg.	32 of 39

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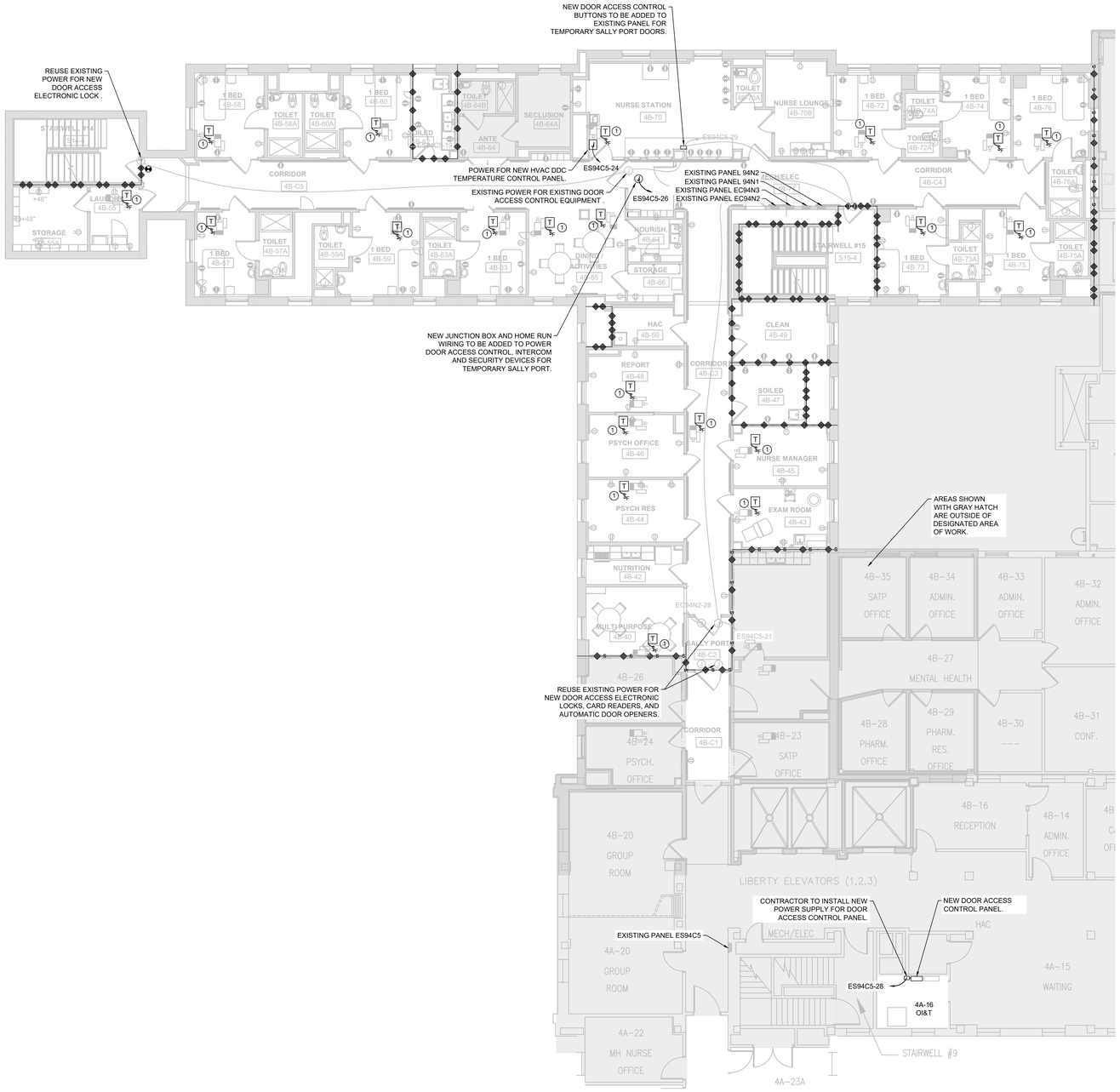
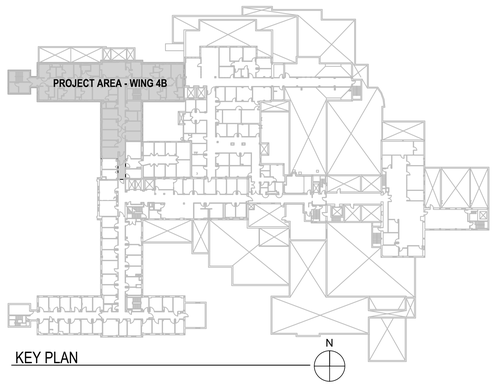
VA FORM 08-6231

RATED WALL LEGEND	
ONE-HOUR SMOKE BARRIER	
ONE-HOUR FIRE BARRIER	
TWO-HOUR FIRE BARRIER	

KEYED ELECTRICAL NOTES
(1) NEW FUSED SWITCH, 120V PRIMARY/24V SECONDARY STEP DOWN TRANSFORMER AND DDC CONTROL MODULE TO BE INSTALLED USING EXISTING 120V POWER SUPPLY.



1 WING 4B NEW POWER PLAN
1/8" = 1'-0"



BID DOCUMENTS

Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER
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FOURFRONT DESIGN INC.

Drawing Title	POWER PLAN - NEW CONSTRUCTION
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, ND 58102
Date	7/17/2024
Checked	WEW
Drawn	JS
Project Number	437-23-103
Building Number	9
Drawing Number	E1.00
Dwg.	33 of 39

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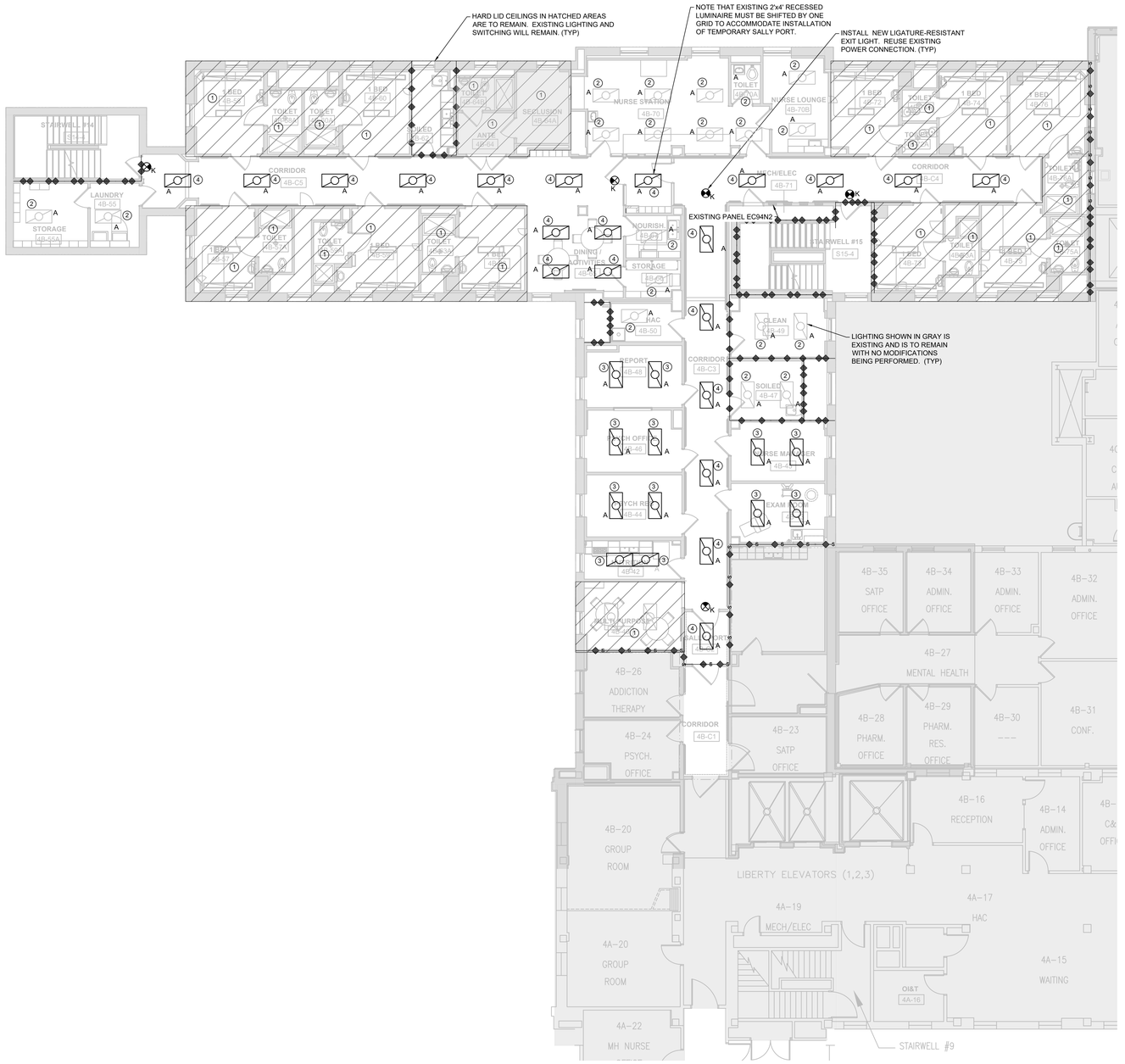
VA FORM 08-6231

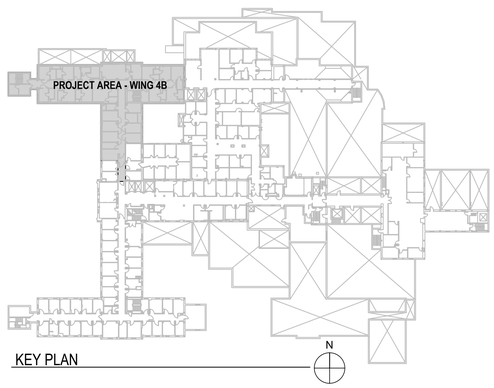
RATED WALL LEGEND	
ONE-HOUR SMOKE BARRIER	
ONE-HOUR FIRE BARRIER	
TWO-HOUR FIRE BARRIER	

KEYED ELECTRICAL NOTES

1. EXISTING SURFACE MOUNT VANDAL-RESISTANT, ANTI-LIGATURE LUMINAIRES ARE TO REMAIN IN AREA WITH HARD LID CEILING. ALL POWER AND SWITCHING CONNECTIONS BE MAINTAINED.
2. EXISTING 2x4 RECESSED LUMINAIRE IS TO REMAIN IN EXISTING CEILING. ALL POWER AND SWITCHING CONNECTIONS TO BE MAINTAINED.
3. EXISTING 2x4 RECESSED LUMINAIRE IS TO REMAIN IN EXISTING CEILING. NEW HOLD DOWN CLIPS TO BE INSTALLED IN EXISTING CEILING. ALL POWER AND SWITCHING CONNECTIONS BE MAINTAINED.
4. EXISTING 2x4 RECESSED LUMINAIRE IS TO BE REINSTALLED INTO NEW HEAVY DUTY SECURE CEILING. LUMINAIRE IS TO BE INDEPENDENTLY SUPPORTED FROM BUILDING STRUCTURE AT HEIGHT/LOCATION TO MATCH NEW SECURE CEILING. EXISTING LIGHTING IS TO BE SECURED WITHIN NEW CEILING GRID USING FLUSH, TAMPER-PROOF SCREWS. COORDINATE INSTALLATION WITH SECURE CEILING MANUFACTURER'S WRITTEN INSTRUCTIONS. ALL POWER AND SWITCH WIRING IS TO BE PRESERVED. REFER TO LUMINAIRE MOUNTING DETAILS 2 & 3 ON SHEET E0.03.



1 WING 4B NEW LIGHTING PLAN
1/8" = 1'-0"



BID DOCUMENTS

Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER — RAYMOND DAWES PE-9846 — NORTH DAKOTA

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Drawing Title	LIGHTING PLAN - NEW CONSTRUCTION
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, ND 58102
Date	7/17/2024
Checked	WEW
Drawn	JS
Project Number	437-23-103
Building Number	9
Drawing Number	E2.00
Dwg.	34 of 39

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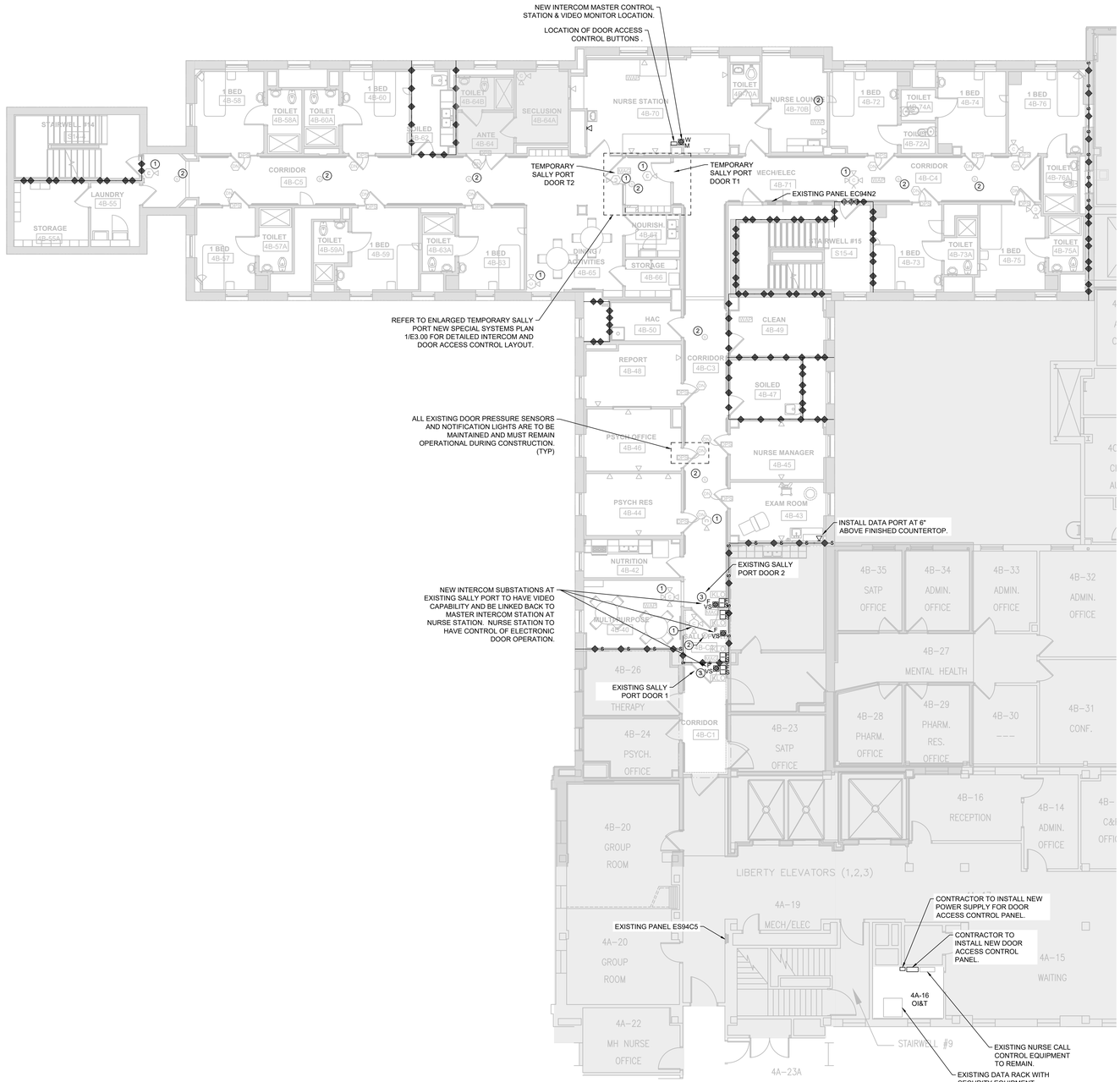
12/2/2009 10:11:29 AM

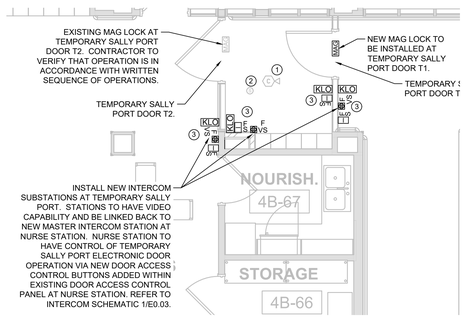
VA FORM 08-6231

RATED WALL LEGEND	
ONE-HOUR SMOKE BARRIER	
ONE-HOUR FIRE BARRIER	
TWO-HOUR FIRE BARRIER	

KEYED ELECTRICAL NOTES

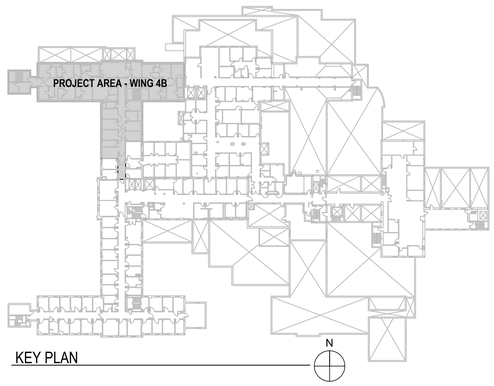
1. REINSTALL EXISTING SECURITY CAMERA AT SAME LOCATION IN NEW SECURITY CEILING. REUSE EXISTING DATA AND POWER CONNECTIONS. COORDINATE WORK CAREFULLY WITH PHASING PLAN IN ORDER TO MAINTAIN SECURITY OF LOCKED WARD AT ALL TIMES.
2. REINSTALL EXISTING SPEAKER AT SAME LOCATION IN NEW SECURITY CEILING. EXISTING WIRING TO BE MAINTAINED. SPEAKER SYSTEM WILL REMAIN OPERATIONAL DURING CONSTRUCTION. COORDINATE WORK CAREFULLY WITH PHASING PLAN.
3. NEW DOOR LOCK SYSTEM AT SALLY PORT MUST BE PROGRAMMED IN SUCH A WAY THAT WHEN EITHER DOOR IS OPENED, THE OTHER DOOR MUST REMAIN IN THE LOCKED POSITION. ONLY ONE DOOR IS ALLOWED TO BE OPEN AT A TIME.





1 ENLARGED TEMPORARY SALLY PORT NEW SPECIAL SYSTEMS PLAN
1/4" = 1'-0"

2 WING 4B NEW SPECIAL SYSTEMS PLAN
1/8" = 1'-0"



KEY PLAN

BID DOCUMENTS

Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER — RAYMOND DAWES PEDERSEN — NORTH DAKOTA

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Drawing Title	SPECIAL SYSTEMS PLAN
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, ND 58102
Date	7/17/2024
Checked	WEW
Drawn	JS
Project Number	437-23-103
Building Number	9
Drawing Number	E3.00
Dwg.	35 of 39

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VA FORM 08-6231

1 WING 4B FIRE ALARM DEMOLITION PLAN

1/8" = 1'-0"

N

RATED WALL LEGEND
ONE-HOUR SMOKE BARRIER
ONE-HOUR FIRE BARRIER
TWO-HOUR FIRE BARRIER

FIRE ALARM LEGEND

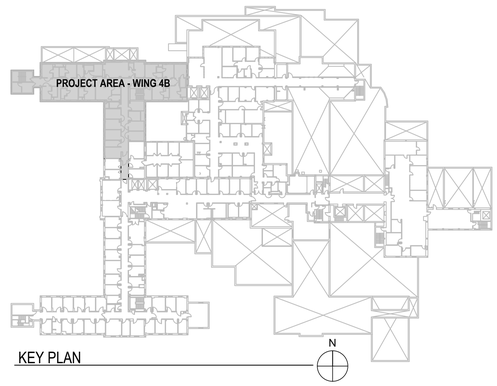
SYMBOL	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
S P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
	ALARM, LAMP LIGHT, SIGNAL LIGHT, STROBE - WALL MOUNT
	FIRE ALARM AUDIO DEVICE W/ STROBE
	FIRE ALARM AUDIO DEVICE
P	FIRE ALARM STATION, MANUAL PULL
FS	FIRE SPRINKLER FLOW SWITCH
	MAGNETIC DOOR HOLDER
SD	DUCT MOUNTED SMOKE DETECTOR

KEYED FIRE ALARM NOTES

1. EXISTING FIRE ALARM DEVICE TO REMAIN. EXISTING CONNECTIONS TO BUILDING FIRE ALARM SYSTEM ARE TO BE MAINTAINED.

GENERAL CONSTRUCTION NOTE

ALL EXISTING CEILING MOUNT DEVICES THAT ARE NOT NOTED FOR DEMOLITION ON THESE PLANS ARE TO REMAIN. DEVICES SHALL BE TEMPORARILY TIED UP TO STRUCTURE AND THEN REINSTALLED IN NEW SECURE CEILING IN AREAS WHERE CEILINGS ARE BEING REPLACED.



KEY PLAN

N

BID DOCUMENTS

Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER
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Drawing Title: FIRE ALARM DEMOLITION PLAN

Approved: Project Director

Project Title: UPDATE WING 4B

Location: 2101 ELM STREET FARGO, ND 58102

Date: 7/17/2024 | Checked: WEW | Drawn: JS

Project Number: 437-23-103

Building Number: 9

Drawing Number: FAD1.00

Dwg. 36 of 39

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12/2/2009 10:11:29 AM

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RATED WALL LEGEND	
ONE-HOUR SMOKE BARRIER	
ONE-HOUR FIRE BARRIER	
TWO-HOUR FIRE BARRIER	

FIRE ALARM LEGEND

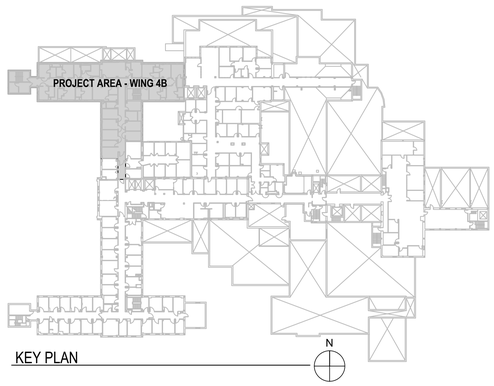
SYMBOL	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
(S)P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
	ALARM, LAMP LIGHT, SIGNAL LIGHT, STROBE - WALL MOUNT
	FIRE ALARM AUDIO DEVICE W/ STROBE
	FIRE ALARM AUDIO DEVICE
P	FIRE ALARM STATION, MANUAL PULL
FS	FIRE SPRINKLER FLOW SWITCH
	MAGNETIC DOOR HOLDER
SD	DUCT MOUNTED SMOKE DETECTOR

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING IBC VERSION 2021 THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

1 WING 4B FIRE ALARM PLAN

1/8" = 1'-0"



KEY PLAN

BID DOCUMENTS

Revision Number Associated with Clouded Area

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER — RAYMOND DAWES PEISER — NORTH DAKOTA

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Drawing Title	FIRE ALARM PLAN
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, ND 58102
Date	7/17/2024
Checked	WEW
Drawn	JS
Project Number	437-23-103
Building Number	9
Drawing Number	FA1.00
Dwg.	37 of 39

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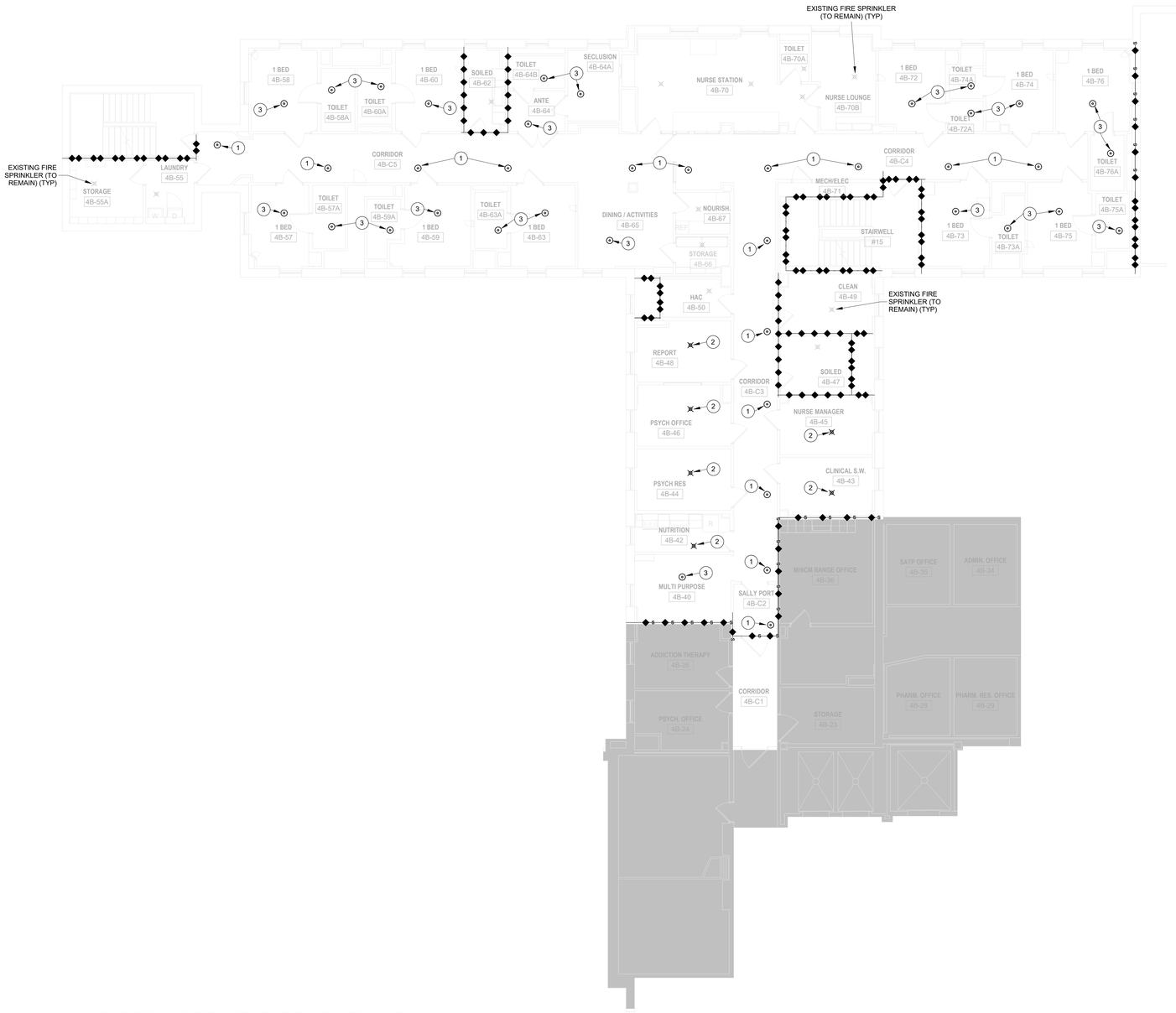


1 WING 4B SPRINKLER HEAD DEMOLITION PLAN

1/8" = 1'-0"

GENERAL NOTES

- CONTRACTOR TO COORDINATE WITH COR ON VA OPERATING HOURS AND WORK HOUR RESTRICTIONS FOR SHUTDOWNS TO REPLACE SPRINKLER HEADS. FIRE WATCH TO BE PROVIDED BY THE CONTRACTOR ANYTIME FIRE SPRINKLER SYSTEM IS DOWN FOR MORE THAN 4 HOURS DURING CONSTRUCTION.
- CONTRACTOR TO COORDINATE WORK WITH OTHER DISCIPLINES AND PHASING PLANS PRIOR TO STARTING WORK.
- THE FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING SPRINKLER SYSTEM COMPONENTS SHOWN ON THESE PLANS PRIOR TO BID.
- ALL DEMOLITION AND DISPOSAL OF EXISTING SYSTEM COMPONENTS SHALL BE PROVIDED AS REQUIRED.
- SPRINKLER HEADS SHOWN IN GREY ARE EXISTING TO REMAIN.
- TEMPORARY UPRIGHT SPRINKLER TO BE INSTALLED WITHIN 12" OF THE DECK FROM THE TIME WHEN CEILINGS ARE REMOVED UNTIL NEW CEILINGS ARE INSTALLED. ONCE NEW CEILINGS ARE INSTALLED, THE UPRIGHT SPRINKLERS CAN BE REMOVED AND REPLACED WITH THE NOTED PENDANT SPRINKLER IN THE NEW CEILING.

KEY NOTES

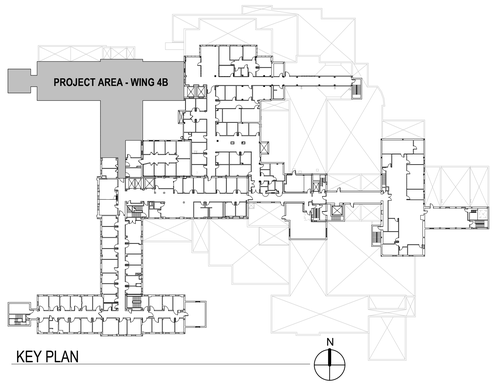
1. REMOVE EXISTING FIRE SPRINKLER AND ESCUTCHEON WITH DEMOLITION OF EXISTING CEILING. REFER TO LAST GENERAL NOTE ABOVE FOR TEMPORARY UPRIGHT SPRINKLER REQUIREMENTS. REFER TO FP1.01 FOR NEW SPRINKLER INSTALLATION.
2. REMOVE AND RETAIN EXISTING FIRE SPRINKLER AND ESCUTCHEON WITH DEMOLITION OF EXISTING CEILING. REFER TO LAST GENERAL NOTE ABOVE FOR TEMPORARY UPRIGHT SPRINKLER REQUIREMENTS. REFER TO FP1.01 FOR EXISTING SPRINKLER RE-INSTALLATION.
3. REMOVE EXISTING FIRE SPRINKLER AND ESCUTCHEON FOR REPLACEMENT IN EXISTING CEILING. REFER TO FP1.01 FOR NEW SPRINKLER REPLACEMENT.

WALL RATING LEGEND:

1 HOUR FIRE BARRIER

1 HOUR SMOKE BARRIER

2 HOUR FIRE BARRIER



KEY PLAN

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER
RAYMOND DAWES
PE-9846
Date: 07/17/2024
NORTH DAKOTA

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Drawing Title	FIRE PROTECTION DEMOLITION PLAN
Approved: Project Director	
Project Title	UPDATE WING 4B
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date	07/17/2024
Checked	RD
Drawn	PM
Project Number	437-23-103
Building Number	9
Drawing Number	FD1.01
Dwg.	38 of 39

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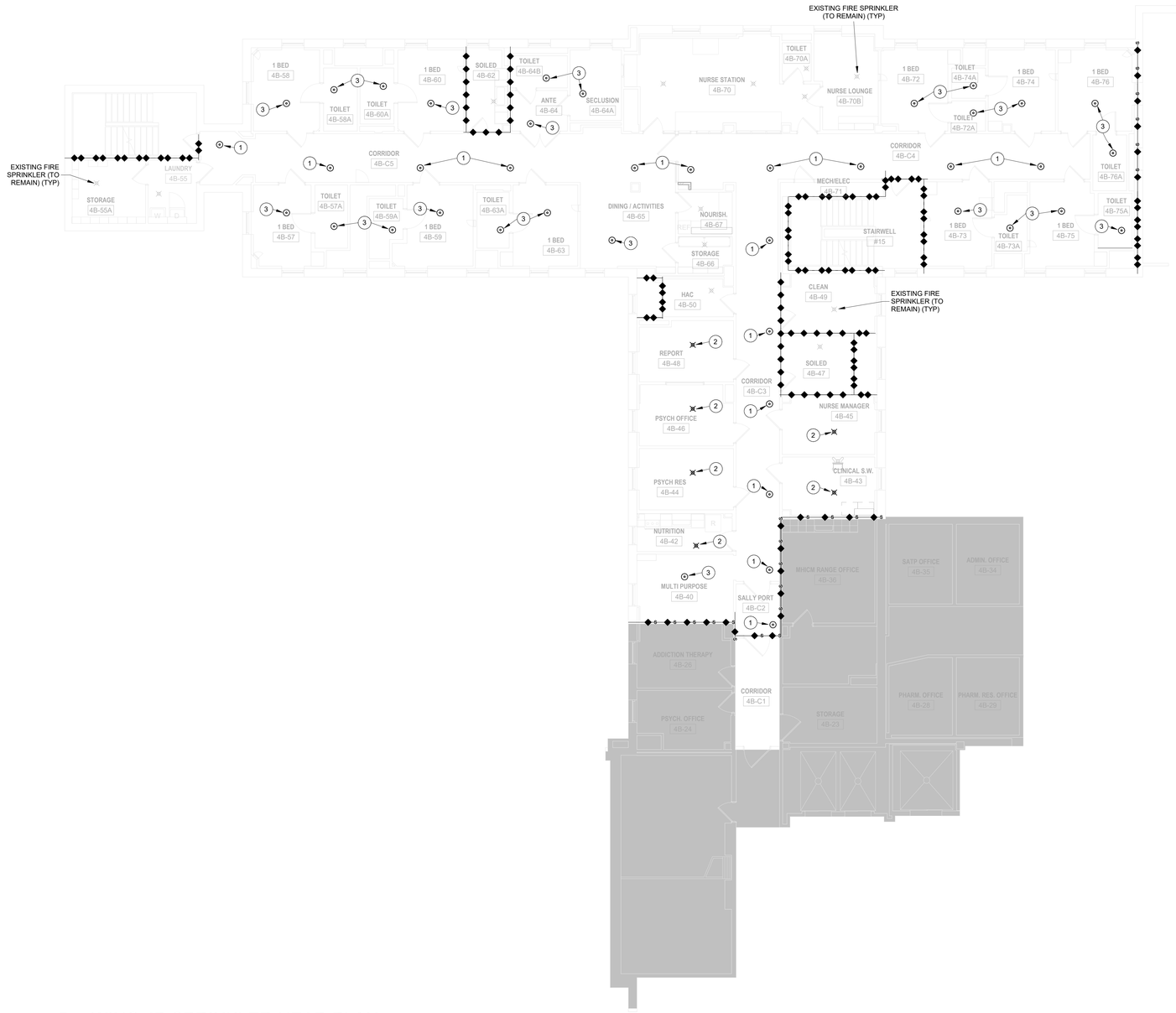


1 WING 4B SPRINKLER HEAD PLAN
1/8" = 1'-0"

GENERAL NOTES

- CONTRACTOR TO COORDINATE WITH COR ON VA OPERATING HOURS AND WORK HOUR RESTRICTIONS FOR SHUTDOWNS TO REPLACE SPRINKLER HEADS. FIRE WATCH TO BE PROVIDED BY THE CONTRACTOR ANYTIME FIRE SPRINKLER SYSTEM IS DOWN FOR MORE THAN 4 HOURS DURING CONSTRUCTION.
- CONTRACTOR TO COORDINATE WORK WITH OTHER DISCIPLINES AND PHASING PLANS PRIOR TO STARTING WORK.
- THE FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING SPRINKLER SYSTEM COMPONENTS SHOWN ON THESE PLANS PRIOR TO BID.
- ALL DEMOLITION AND DISPOSAL OF EXISTING SYSTEM COMPONENTS SHALL BE PROVIDED AS REQUIRED.
- SPRINKLER HEADS SHOWN IN GREY ARE EXISTING TO REMAIN.
- TEMPORARY UPRIGHT SPRINKLER TO BE INSTALLED WITHIN 12" OF THE DECK FROM THE TIME WHEN CEILINGS ARE REMOVED UNTIL NEW CEILINGS ARE INSTALLED. ONCE NEW CEILINGS ARE INSTALLED, THE UPRIGHT SPRINKLERS CAN BE REMOVED AND REPLACED WITH THE NOTED PENDANT SPRINKLER IN THE NEW CEILING.

KEY NOTES

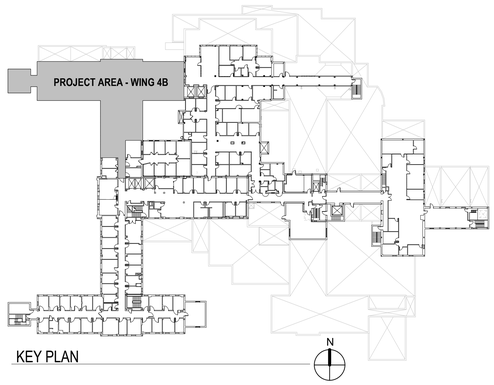
1. INSTALL NEW TYCO RAVEN 5.6K (TY3281-F), OR EQUAL, INSTITUTIONAL QUICK RESPONSE PENDANT FIRE SPRINKLER AND ESCUTCHEON IN NEW CEILING. REFER TO LAST GENERAL NOTE ABOVE FOR TEMPORARY UPRIGHT SPRINKLER REQUIREMENTS.
2. RE-INSTALL EXISTING FIRE SPRINKLER AND ESCUTCHEON IN NEW CEILING. REFER TO LAST GENERAL NOTE ABOVE FOR TEMPORARY UPRIGHT SPRINKLER REQUIREMENTS.
3. REPLACE EXISTING FIRE SPRINKLER WITH NEW TYCO RAVEN 5.6K (TY3281-F), OR EQUAL, INSTITUTIONAL QUICK RESPONSE PENDANT FIRE SPRINKLER AND ESCUTCHEON IN EXISTING CEILING.

WALL RATING LEGEND:

1 HOUR FIRE BARRIER

1 HOUR SMOKE BARRIER

2 HOUR FIRE BARRIER



KEY PLAN

BID DOCUMENTS

CONSULTANTS:

Revisions: | Date

REGISTERED PROFESSIONAL ENGINEER
RAYMOND DAWES
PE-9846
DATE: 07/17/2024
NORTH DAKOTA

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FOURFRONT DESIGN INC.

Drawing Title: NEW FIRE PROTECTION PLAN
Approved: Project Director
Project Title: UPDATE WING 4B
Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102
Date: 07/17/2024 | Checked: RD | Drawn: PM
Project Number: 437-23-103
Building Number: 9
Drawing Number: FP1.01
Dwg. 39 of 39

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