ADDENDUM #1

Addendum #	1	Date Issued	05/28/2026

Project Name | Job #	GF ND Mill Office Building HVAC Upgrades	20255550

THIS ADDENDUM AMENDS AND BECOMES PART OF THE CONTRACT DOCUMENTS FOR EAPC PROJECT 20255550 DATED 05/13/2026, RESPECTIVELY. EACH BIDDER SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY MARKING THE ADDENDUM NUMBER AND DATE ON THE BID FORM.

PRIOR APPROVALS

SPEC SECTION	ITEM	MANUFACTURER
23 0900	Control Systems	Energy Tech Systems Honeywell / Alerton Commercial / Industrial line by R&D Sales
23 0923	Control Systems	Energy Tech Systems Honeywell / Alerton Commercial / Industrial line by R&D Sales
23 3713	Diffusers, Registers, Grilles	Anemostat
23 2113	Expansion Tanks	Calefactio
23 2113	Air Separators	Calefactio
23 2113	Flexible Connectors	Twin City Hose
23 2113	Glycol Make Up Units	Calefactio

DRAWINGS

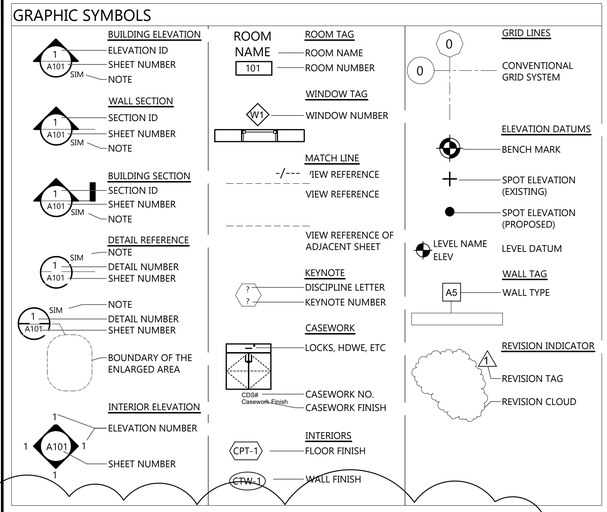
A001	Add Steel Pipe Bollard detail and Keynote Legend.
M100	Existing 1-1/2” piping from the factory to the office building shall be abandoned in place instead of being removed.
M120	Existing 1-1/2” piping from the factory to the office building shall be abandoned in place instead of being removed.

M200	Existing 1-1/2” piping to remain abandoned in place. Shifted route of new 3” piping.
M201	Added bollards by General Contractor around the new chiller location. Specified grooved mechanical – joint couplings for exterior chilled water piping. Updated plan to show the existing emergency egress ladder.
M220	Existing 1-1/2” piping to remain abandoned in place. Shifted route of new 3” piping.

ATTACHMENTS

A001	GENERAL ARCHITECTURAL INFORMATION
M100	BASEMENT MECHANICAL DEMO PLAN
M120	MILL BUILDING No. 1 PARTIAL BASEMENT MECHANICAL DEMO PLAN
M200	BASEMENT MECHANICAL PLAN
M201	FIRST FLOOR HYDRONIC PLAN
M220	MILL BUILDING No.1 PARTIAL BASEMENT MECHANICAL PLANS

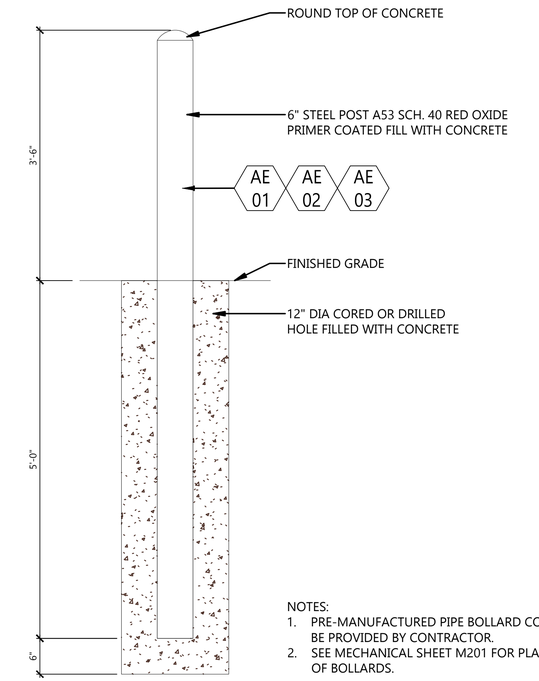
GRAPHIC SYMBOLS



KEYNOTE LEGEND:

AE ## < < < INDICATES KEYNOTE ON PLAN

AE 01	PRIME COAT: PRIMER WATER BASED. S-W PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER, B66-310 SERIES, 5.0 TO 10.0 MILS WET, 2.0 TO 4.0 MILS DRY.
AE 02	INTERMEDIATE COAT: LIGHT INDUSTRIAL COATING, EXTERIOR, WATER BASED, MATCHING TOPCOAT.
AE 03	TOP COAT: LIGHT INDUSTRIAL COATING, EXTERIOR, WATER BASED, GLOSS. S-W PRO INDUSTRIAL ACRYLIC GLOSS COATING. B66-600 SERIES, AT 2.5 TO 4.0 MILS DRY, PER COAT.



NOTES:
1. PRE-MANUFACTURED PIPE BOLLARD COVER TO BE PROVIDED BY CONTRACTOR.
2. SEE MECHANICAL SHEET M201 FOR PLACEMENT OF BOLLARDS.

1 / A001 TYPICAL STEEL PIPE BOLLARD
1" = 1'-0"

A	
A/C	AIR CONDITIONING
AB	ANCHOR BOLT
ACC	ACCESSIBLE
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICAN WITH DISABILITIES ACT
ADD	ADDENDUM
ADJ	ADJACENT / ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AL	ALUMINUM
ALT	ALTERNATE
AP	ACCESS PANEL
APL	ACRYLIC PANEL
APPROX	APPROXIMATE
APT	APARTMENT
ARCH	ARCHITECT / ARCHITECTURAL
AVE	AVENUE
AVG	AVERAGE
AWP	ACOUSTIC WALL PANEL

B	
BD	BOARD
BFD	BI-FOLD DOOR
BITUM	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING
BLVD	BOULEVARD
BM	BEAM
BO	BOTTOM OF / BY OTHERS
BOT	BOTTOM
BR	BEDROOM
BRG	BEARING
BSMT	BASEMENT
BTWN	BETWEEN

C	
CAB	CABINET
CC	CUBICAL CURTAINS
CD	CONSTRUCTION DOCUMENTS
CF	CUBIC FOOT
CFCI	CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED
CFS	CORK FLOOR SHEET / CONCRETE FLOOR SYSTEM
CFT	CORK FLOOR TILE
CG	CORNER GUARD
CG	CORNER GUARDS
CHRL	CHAIR RAIL
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COIL	COILING DOOR
COL	COLUMN
COMP	COMPOSITE / COMPOSITION
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPT	CARPET
CPTD	COMMON PATH TRAVEL DISTANCE
CR	CURTAIN ROD
CT	CERAMIC TILE
CTOP	COUNTER TOP
CTR	CENTER
CU	CUBIC
CY	CUBIC YARD

D	
D	DEPTH / CLOTHES DRYER
d	PENNY (NAILS)
dB	DECIBLE
DBL	DOUBLE
DEMO	DEMOLISH / DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN / DECORATIVE FILM
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIV	DIVISION
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER

E	
E	EAST
EA	EACH
EB	EXPANSION BOLT
EC	ELECTRICAL CONTRACTOR
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EM	EMERGENCY
EP	ELECTRICAL PANEL / END PANEL
EPS	EXPANDED POLYSTYRENE
EQ	EQUAL
EQUIP	EQUIPMENT
ESD	ELECTRO STATIC DISCHARGE VINYL TILE
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EX	EXISTING
EXA	EXIT ACCESS
EXD	EXIT DISCHARGE
EXT	EXTERIOR

F	
F	FAHRENHEIT
F/R	FIRE RATED
FB	FIRE BARRIER
FBD	FIBER BOARD
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FG	FLOAT GLASS
FIN	FINISH
FLASH	FLASHING
FLR	FLOOR
FOF	FACE OF FINISH
FOS	FACE OF STUDS
FOW	FACE OF WALL
FP	FIRE PROTECTION / FIRE PARTITION
FR	FIRE RESISTANT
FRMG	FRAMING
FRP	FIBERGLASS REINFORCED PANEL
FRZ	FREEZER
FT	FEET / FIRE TREATED
FTG	FOOTING
FURN	FURNISH / FURNISHINGS
FURR	FURRING
FUT	FUTURE
FW	FIRE WALL
FWP	FABRIC WRAP PANEL

G	
G	GENERAL
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GDC	GYMNASIUM DIVIDER CURTAINS
GL	GLASS / GLAZING / GLAZED
GLAM	GLUE-LAMINATED WOOD
GWB	GYPSUM WALL BOARD
GYP	GYPSUM

H	
H	HIGH
HC	HOLLOW CORE
HDBD	HARDBOARD
HDR	HEADER
HDWD	HARDWOOD
HDWE	HARDWARE
HEX	HORIZONTAL EXIT
HM	HOLLOW METAL
HNR	HANDRAILS
HOLD	HOLD TO INDICATED DIMENSION
HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HSKP	HOUSEKEEPING
HT	HEIGHT

I	
ID	INSIDE DIAMETER / INSIDE DIMENSION
IG	INSULATING GLASS
IJ	ISOLATION JOINT
IN	INCHES
INFO	INFORMATION
INSP	INSPECTION / INSPECTOR
INST	INSTALLATION
INSUL	INSULATION
INT	INTERIOR
INT STN	INTERIOR STONEWORK
IR	IMPACT RESISTANT
ISO	ISOLATION / INTERNATIONAL STANDARDS ORGANIZATION

J	
JAN	JANITOR
JBE	JOIST BEARING ELEVATION
JST	JOIST
JT	JOINT

K	
KIT	KITCHEN
KO	KNOCK OUT
KP	KICK PLATE

L	
L	LEFT / LENGTH
LAB	LABORATORY
LAM	LAMINATED
LAV	LAVATORY
LB	POUND
LGSF	LIGHT GAUGE STEEL FRAMING
LH	LEFT-HAND
LHR	LEFT-HAND REVERSED
LKR	LOCKER
LP	LOW POINT
LR	LIVING ROOM
LSC	NFPA 101 LIFE SAFETY CODE
LSG	LAMINATED SAFETY GLASS
LT	LIGHT
LTWT	LIGHTWEIGHT
LVT	LUXURY VINYL TILE

M	
MA	MEDICAL AIR
MACH	MACHINE
MAINT	MAINTENANCE / MAINTAIN
MAS	MASONRY
MAX	MAXIMUM
MBR	MASTER BEDROOM
MC	MECHANICAL CONTRACTOR
MCW	MINERAL CORE WOOD
MDF	MEDIUM-DENSITY FIBERBOARD
MECH	MECHANICAL
MED	MEDICAL / MEDICINE
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER / MANUFACTURING
MIN	MINIMUM / MINUTE
MIRR	MIRROR
MISC	MISCELLANEOUS
MKBD	MARKER BOARD
MO	MASONRY OPENING
MOD	MODIFY / MODULE
MP	METAL PANEL
MTC	METAL TOILET COMPARTMENT
MTD	MOUNTED
MTL	METAL
MTRL	MATERIAL
MULL	MULLION
MULT	MULTIPLE
MWP	MODULAR/FOLDING PARTITION

N	
N	NORTH / NITROGEN
N2O	NITROUS OXIDE
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NR	NOT RATED
NTS	NOT-TO-SCALE

O	
O2	OXYGEN
O/C	ON-CENTER
OA	OVERALL
OD	OUTSIDE DIAMETER / OUTSIDE DIMENSION
OFCI	OWNER FURNISHED AND CONTRACTOR INSTALLED
OFD	OVERFLOW DRAIN
OFF	OFFICE
OFOI	OWNER FURNISHED AND OWNER INSTALLED
OH	OVERHEAD
OL	OCCUPANT LOAD
OLF	OCCUPANT LOAD FACTOR
OPNG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
OZ	OUNCE

P	
P	POWER
PA	PUBLIC ADDRESS
PB	PARTICLE BOARD
PC	PRECAST
PERF	PERFORATED
PERP	PERPENDICULAR
PG	PLATE GLASS
PH	PHASE
PIR	POLYISOCYANURATE RIGID INSULATION
PL	PLASTIC LAMINATE / PLATE / PROPERTY LINE
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
POL	POLISH
PP	PUSH PLATE
PPT	PORCELAIN PAVER TILE
PR	PAIR
PREFAB	PREFABRICATE
PROV(D)	PROVIDE(D)
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESERVATIVE TREATED / POINT / POST-TENSIONED
PTC	PLASTIC TOILET COMPARTMENT
PTD	PAPER TOWEL DISPENSER
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PWC	PROTECTIVE WALL COVERING

Q	
QT	QUARRY TILE
QTR	QUARTER
QZ	QUARTZ

R	
R	RISER / RADIUS
R&S	ROD & SHELF
RAD	RADIUS
RAF	RESILIENT ATHLETIC FLOORING
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN / ROAD
REBAR	REINFORCING BAR
REC	RECESSED
RECEP	RECEPTION
RECEPT	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTRATION / REGISTER
REINF	REINFORCED
REM	REMOVE / REMOTE
REQ(D)	REQUIRE(D)
RES	RESINOUS FLOORING
RET	RETAINING / RETURN
REV	REVERSE / REVISION
RH	RIGHT HAND
RL	RAINLEADER
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RSF	RESILIENT SHEET FLOOR
RTF	RESILIENT TILE FLOOR

S	
S	SOUTH / SHELF
SAFB	SOUND ATTENUATION FIRE BLANKET
SB	SMOKE BARRIER
SC	SOLID CORE / SHOWER CURTAINS / SMOKE COMPARTMENT
SCD	SEAT COVER DISPENSER
SCHED	SCHEDULE
SCR	SHOWER CURTAIN ROD
SCS	SPECIALTY CEILING SYSTEM
SCWD	SOLID CORE WOOD DOOR
SCX	SMOKE COMPARTMENT EXIT
SD	SOAP DISPENSER / SEE DETAIL
SEC	SECOND
SECT	SECTION
SF	SQUARE FEET
SGC	STAGE CURTAINS
SHT	SHEET
SHTG	SHEATHING
SHWR	SHOWER
SIM	SIMILAR
SL	SLOPE
SLNT	SEALANT
SND	SANITARY NAPKIN DISPENSER
SNW	SANITARY NAPKIN WASTE RECEPTICAL
SP	SPANDREL PANEL / SMOKE PARTITION
SPEC	SPECIFICATION
SQ	SQUARE
SSF	SOLID SURFACE
SSTL	STAINLESS STEEL
ST	STONE
STA	STATION
STC	SOUND-TRANSMISSION CLASS
STD	STANDARD
STE	SUITE
STL	STEEL
STN	WOOD STAINING
STOR	STORAGE
STR	STAIR TREADS/RISERS
STRUCT	STRUCTURE / STRUCTURAL
STX	SUITE EXIT
SURF	SURFACE
SUSP	SUSPENDED
SYM	SYMMETRICAL

T	
T	TOP / TREAD / TILE
T&B	TOP & BOTTOM
T&G	TONGUE & GROOVE
TA	TOILET ACCESSORIES
TB	TOWEL BAR
TBD	TO BE DETERMINED
TDX	TRAVEL DISTANCE TO EXIT
TEL	TELEPHONE
TEMP	TEMPERED / TEMPORARY / TEMPERATE
TER	TERRAZZO
TFE	TOP OF FOOTING ELEVATION
TFF	TOP OF FINISH FLOOR
TG	TEMPERED GLASS
THK	THICK
THS	THRESHOLD
TJE	TOP OF JOIST ELEVATION
TKBD	TACK BOARD
TLT	TOILET
TO	TOP OF
TOL	TOLERANCE
TOPO	TOPOGRAPHICAL
TPD	TOILET PAPER DISPENSER
TS	TRANSITION STRIPS
TSE	TOP OF SLAB ELEVATION
TWE	TOP OF WALL ELEVATOIN
TYP	TYPICAL

U	
UC	UNDER COUNTER
UG	UNDERGROUND
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UPH	FABRIC/VINYL
UTIL	UTILITY

V	
V	VINYL
VAC	VACUUM
VAR	VARIABLE / VARNISH / VARIES
VCT	VINYL-COMPOSITTON TILE
VER	VERIFY
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VOL	VOLUME
VWC	VINYL WALL COVERING

W	
W	WEST / WIDE / CLOTHES WASHER
W/	WITH / WHERE
W/O	WITHOUT
WAIN	WAINSCOT
WC	WATER CLOSET
WD	WOOD
WDF	WOOD FLOORING
WDT	WINDOW TREATMENTS
WDW	WINDOW
WG	WALL GUARD
WH	WATER HEATER / WALL HYDRANT
WP	WATER PROOF
WR	WASTE RECEPTICALE
WRL	WALL RAIL
WS	WEATHER STRIPPING
WT	WEIGHT

X	
XFMR	POWER TRANSFORMER
XPS	EXTRUDED POLYSTYRENE

Y	
YD	YARD

SPECIAL SYMBOLS	
#	POUND / NUMBER
/	PER
@	AT
°	DEGREE
Ø	DIAMETER
℄	CENTERLINE
∠	ANGLE
⊥	PERPINDICULAR

EAPC
Architecture | Engineering
Interior Design | Industrial
TELE 701.775.3000 FAX 701.772.3605
3100 DeMers Avenue, Grand Forks ND 58201
www.eapc.net

CONSULTANTS

CLIENT
NORTH DAKOTA STATE MILL

PROJECT DESCRIPTION
OFFICE HVAC UPGRADES

CITY GRAND FORKS
STATE NORTH DAKOTA

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM#1	05/28/2026
CD	CONSTRUCTION DOCUMENTS	05/13/2026

PROJECT NO: 20255550
DRAWN BY: JC
CHECKED BY: CLH

STAMP

DRAWING TITLE
GENERAL ARCHITECTURAL INFORMATION

A001

File Location:W:\2025\20255550\ GF ND Mill Office Bldg HVAC Upgraded\Drawings\20255550-A001.dwg
Plot Date:28-May-26

DEMOLITION NOTES:

MD 1 — MODIFY EXISTING FTR LOOP PIPING AS REQUIRED TO SEPARATE LOOP INTO TWO ZONES (FIRST FLOOR AND SECOND FLOOR). REMOVE EXISTING HWS/R PIPING AS INDICATED BY HATCH. PREPARE FOR NEW PIPING AND CONTROL VALVES. REFER TO DETAIL 4/M601.

MD 2 — REMOVE EXISTING PCS/R LOOP PIPING.

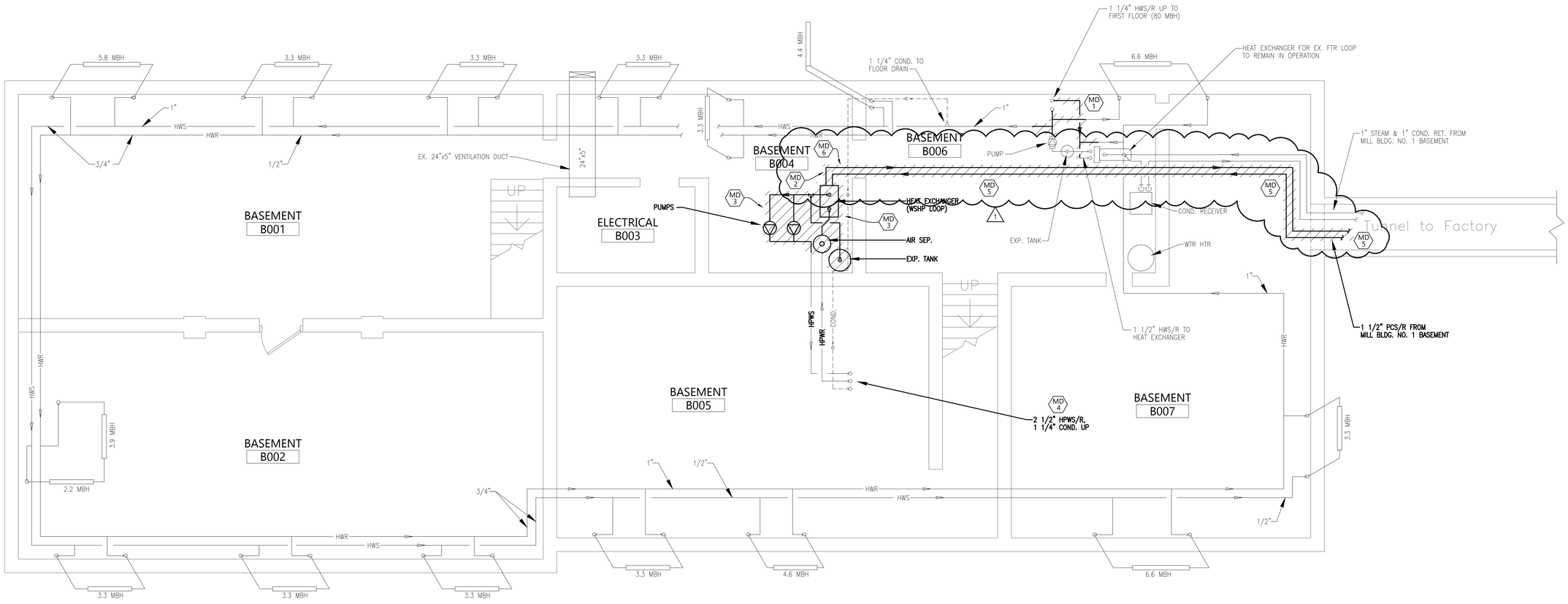
MD 3 — REMOVE EXISTING HEAT EXCHANGER, PUMPS, AIR SEPARATOR, EXPANSION TANK, AND ASSOCIATED PIPING, VALVES, ETC. AS INDICATED BY HATCH. REFER TO DETAIL 3/M601.

MD 4 — EXISTING HPWS/R PIPING WILL BE CONVERTED TO USE AS HWS/R PIPING TO NEW FAN COIL UNITS.

MD 5 — EXISTING PCS/R LOOP PIPING TO BE ABANDONED IN PLACE. CAP OPEN PIPING ON BOTH ENDS.

MD 6 — CAP ABANDONED PIPING AT THIS APPROXIMATE LOCATION.

1



1 / M100 BASEMENT MECHANICAL DEMO PLAN
1/4" = 1'-0"

PLAN N — ACTUAL N

File Location:W:\2025\20255550 - GF ND Mill Office Bldg HVAC Upgrades\Drawings\20255550-M100.dwg
Plot Date:28-May-26

EAPC
Architecture | Engineering | Interior Design | Industrial
TELE 701.775.3000 FAX 701.772.3605
3100 DeMers Avenue, Grand Forks ND 58201
www.eapc.net

CONSULTANTS

CLIENT
NORTH DAKOTA STATE MILL

PROJECT DESCRIPTION
OFFICE HVAC UPGRADES

CITY GRAND FORKS
STATE NORTH DAKOTA

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM#1	05/28/2026
CD	CONSTRUCTION DOCUMENTS	05/13/2026

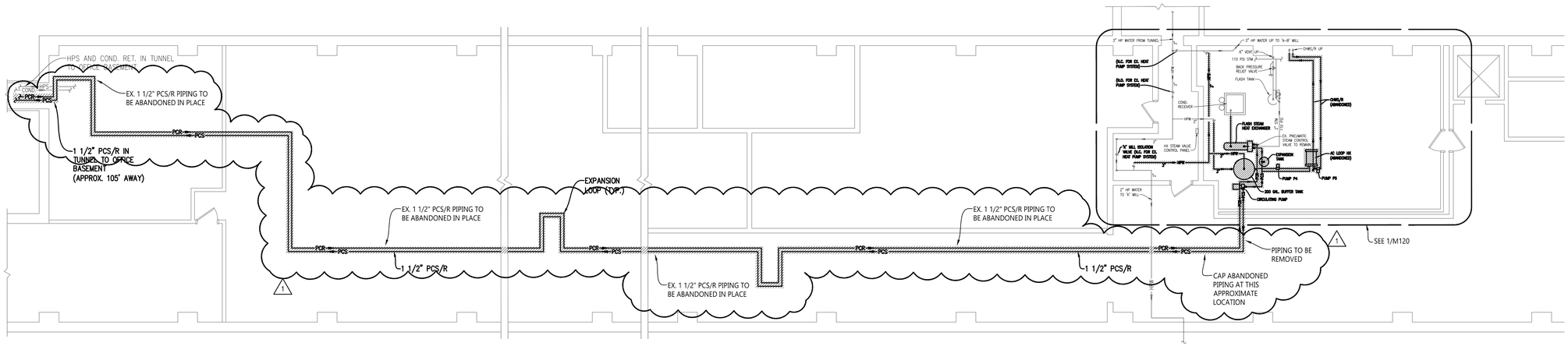
PROJECT NO: 20255550
DRAWN BY: MCH
CHECKED BY: DJL

STAMP

REGISTERED PROFESSIONAL ENGINEER
TYLER COULOMBE
PE-7492
DATE 05/28/2026
NORTH DAKOTA

DRAWING TITLE
BASEMENT MECHANICAL DEMO PLAN

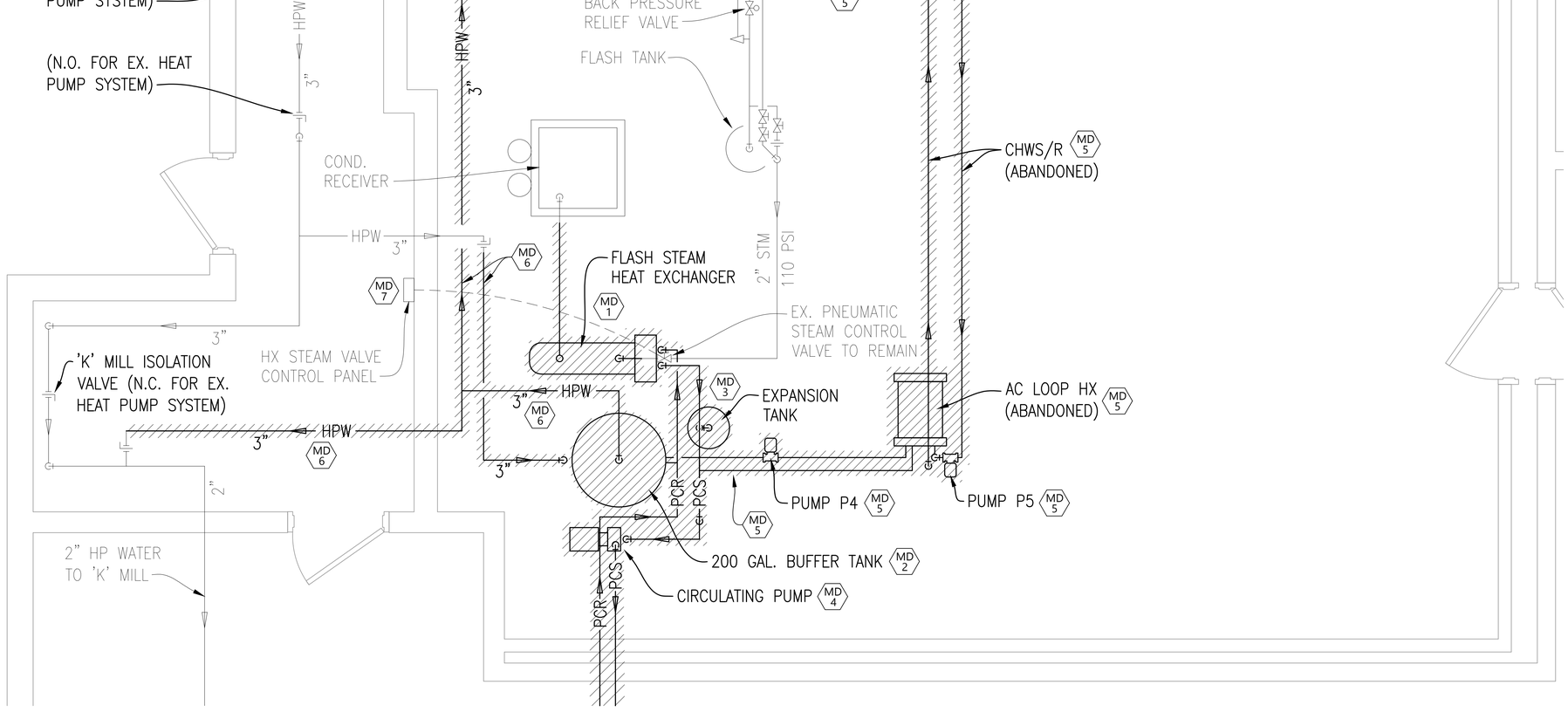
M100



2 / M120 MILL BUILDING No.1 PARTIAL BASEMENT MECHANICAL DEMO PLAN

1/16" = 1'-0"

PLAN ACTUAL



1 / M120 MILL BUILDING No.1 ENLARGED MECHANICAL ROOM DEMO PLAN

1/4" = 1'-0"

PLAN ACTUAL

DEMOLITION NOTES:

MD 1 REMOVE EX. HEAT EXCHANGER AND ASSOCIATED INSULATION, SUPPORT STAND, AND STEAM, CONDENSATE, & PCS/R PIPING AS INDICATED BY HATCH. EX. PNEUMATIC CONTROL VALVE TO REMAIN. REFER TO DETAIL 2/M601.

MD 2 REMOVE EX. 200 GALLON BUFFER TANK AND ASSOCIATED INSULATION, PIPING, VALVES, ETC. AS INDICATED BY HATCH. REFER TO DETAILS 1/M601 AND 2/M601.

MD 3 REMOVE EX. EXPANSION TANK AND ASSOCIATED PIPING, VALVES, ETC. AS INDICATED BY HATCH. REFER TO DETAIL 2/M601.

MD 4 REMOVE EX. CIRCULATING PUMP AND ASSOCIATED PIPING, VALVES, CONTROLS, ETC. AS INDICATED BY HATCH. REFER TO DETAIL 2/M601.

MD 5 REMOVE EX. ABANDONED CHILLED WATER LOOP SECTION INCLUDING: HEAT EXCHANGER, CIRCULATING PUMPS P-4 & P-5, CHILLED WATER PIPING, AND ALL ASSOCIATED INSULATION, HANGERS, SUPPORTS, VALVES, AND CONTROLS. CAP EX. ABANDONED CHILLED WATER PIPING NEAR THE VERTICAL RISERS TO FIRST FLOOR. REFER TO DETAIL 2/M601.

MD 6 REMOVE EX. HPW (HIGH-PRESSURE WATER) PIPING AND ASSOCIATED INSULATION, HANGERS, SUPPORTS, VALVES, ETC. AS INDICATED BY HATCH. CAP PIPING AS REQUIRED. REFER TO DETAIL 1/M601.

MD 7 TEMPERATURE CONTROLS CONTRACTOR TO CONNECT TO EXISTING PNEUMATIC CONTROL VALVE RELAY TO TAKE OVER CONTROL OF EXISTING STEAM VALVE. EXISTING PNEUMATIC STEAM CONTROL VALVE TO BE REUSED.

EAPC
Architecture | Engineering
Interior Design | Industrial
TELE 701.775.3000 FAX 701.772.3605
3100 DeMers Avenue, Grand Forks ND 58201
www.eapc.net

CONSULTANTS

CLIENT
NORTH DAKOTA STATE MILL

PROJECT DESCRIPTION
OFFICE HVAC UPGRADES

CITY GRAND FORKS
STATE NORTH DAKOTA

ISSUE DATES

1	ADDENDUM#1	05/28/2026
CD	CONSTRUCTION DOCUMENTS	05/13/2026
MARK	DESCRIPTION	DATE

PROJECT NO: 20255550
DRAWN BY: MCH
CHECKED BY: DJL

STAMP

REGISTERED PROFESSIONAL ENGINEER
TYLER COULOMBE PE-7482
DATE 05/28/2026
NORTH DAKOTA

DRAWING TITLE
MILL BUILDING No. 1 PARTIAL BASEMENT MECHANICAL DEMO PLANS

M120

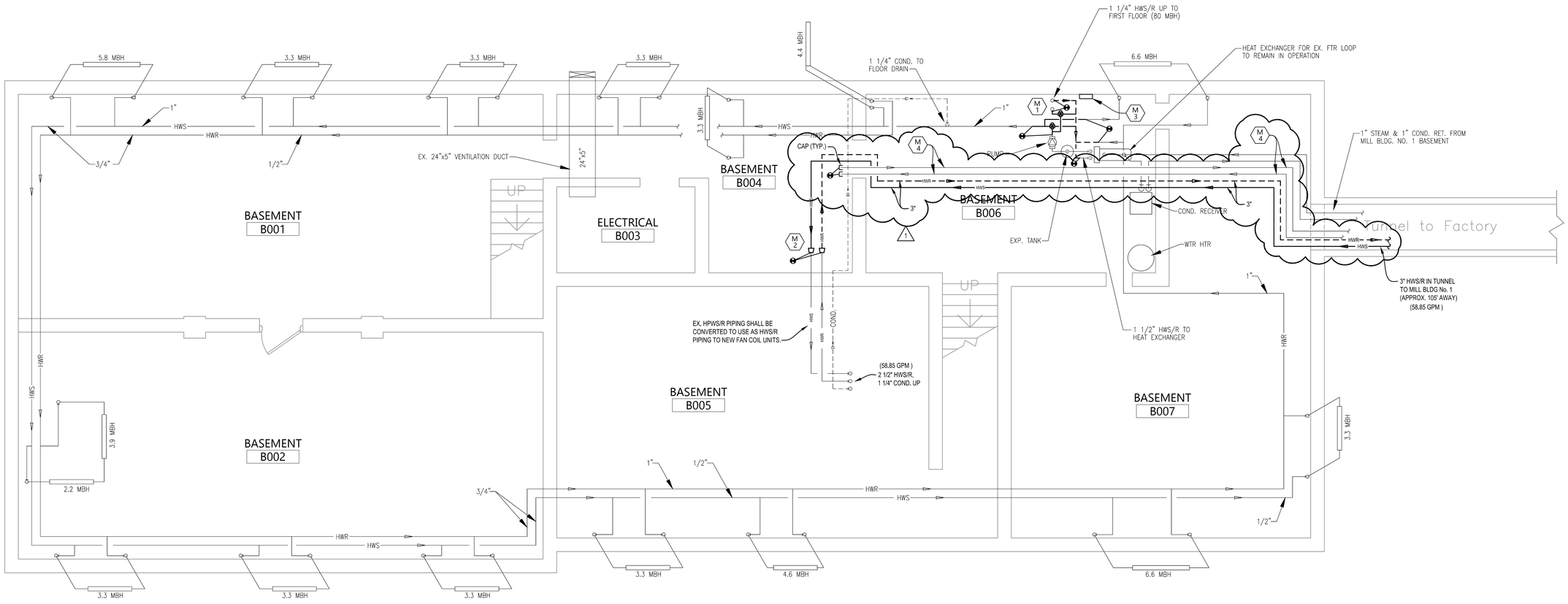
File Location:W:\2025\20255550 - GF ND Mill Office Bldg HVAC Upgrades\Drawings\20255550-M120.dwg
Plot Date:28-May-26

GENERAL NOTES:

1. FOR ALL REUSED HPWS/R PIPING: REPAIR OR REPLACE EXISTING INSULATION, HANGERS, AND SUPPORTS WHEREVER REQUIRED. RE-LABEL FROM "HPWS / HPWR" TO "HWS / HWR" AS REQUIRED. ALL REUSED PIPING SHALL BE THOROUGHLY CLEANED AND FLUSHED PRIOR TO BEING PLACED BACK INTO SERVICE.
2. COMPLETE CONTROLS FOR THE ENTIRE NEW HVAC SYSTEM ARE TO BE PROVIDED BY THE MECHANICAL CONTRACTOR. THIS INCLUDES ALL CONTROL WIRING, CONDUIT, AND OTHER COMPONENTS AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.

REFERENCE NOTES:

- M1 MODIFY EXISTING FTR LOOP PIPING AS REQUIRED TO SEPARATE LOOP INTO TWO ZONES (FIRST FLOOR AND SECOND FLOOR). PROVIDE NEW PIPING AND CONTROL VALVES AS SHOWN. REFER TO DETAIL 4/M602.
- M2 CONNECT 3" HWS/R PIPING TO EXISTING 2-1/2" PIPING AS REQUIRED. REFER TO DETAIL 3/M602. EXISTING HPWS/R PIPING SHALL BE CONVERTED TO USE AS HWS/R PIPING TO NEW FAN COIL UNITS.
- M3 APPROXIMATE LOCATION OF MAIN HVAC CONTROLS PANEL, COORDINATE WITH OWNER AND EXISTING CONDITIONS.
- 1 M4 EXISTING 1 1/2" PCS/R PIPING ABANDONED IN PLACE.



1 M200 BASEMENT MECHANICAL PLAN
1/4" = 1'-0"

PLAN ACTUAL

EAPC
Architecture | Engineering
Interior Design | Industrial
TELE 701.775.3000 FAX 701.772.3605
3100 DeMers Avenue, Grand Forks ND 58201
www.eapc.net

CONSULTANTS

CLIENT
NORTH DAKOTA STATE MILL

PROJECT DESCRIPTION
OFFICE HVAC UPGRADES

CITY GRAND FORKS
STATE NORTH DAKOTA

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM#1	05/28/2026
CD	CONSTRUCTION DOCUMENTS	05/13/2026

PROJECT NO: 20255550
DRAWN BY: MCH
CHECKED BY: DJL

STAMP

REGISTERED PROFESSIONAL ENGINEER
TYLER COULOMBE
PE-7492
DATE 05/28/2026
NORTH DAKOTA

DRAWING TITLE
BASEMENT MECHANICAL PLAN

M200

File Location:W:\2025\20255550 - GF ND Mill Office Bldg HVAC Upgrades\Drawings\20255550-M200.dwg
Plot Date:28-May-26

GENERAL NOTES:

1. FOR ALL REUSED HPWS/R PIPING: REPAIR OR REPLACE EXISTING INSULATION, HANGERS, AND SUPPORTS WHEREVER REQUIRED. RE-LABEL FROM "HPWS / HPWR" TO "HWS / HWR" AS REQUIRED. ALL REUSED PIPING SHALL BE THOROUGHLY CLEANED AND FLUSHED PRIOR TO BEING PLACED BACK INTO SERVICE.
2. PROVIDE ALL REQUIRED CLEARANCES AROUND FAN COILS SO THAT FILTERS, COILS, AND CONTROLS CAN BE EASILY ACCESSED AND MAINTAINED.
3. NEW CEILINGS ARE TO BE PROVIDED BY THE GENERAL CONTRACTOR. NEW CEILINGS TO BE INSTALLED AT APPROXIMATELY THE SAME HEIGHT AS EXISTING CEILINGS. COORDINATE WITH G.C. TO LOWER CEILINGS AS NECESSARY IF MORE PLENUM SPACE IS REQUIRED IN CERTAIN AREAS. ANY NEW CEILINGS LOWER THAN 8'-0" A.F.F. MUST GET PRIOR APPROVAL FROM OWNER/ARCHITECT.
4. COMPLETE CONTROLS FOR THE ENTIRE NEW HVAC SYSTEM ARE TO BE PROVIDED BY THE MECHANICAL CONTRACTOR. THIS INCLUDES ALL CONTROL WIRING, CONDUIT, AND OTHER COMPONENTS AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.

REFERENCE NOTES:

M1 PROVIDE PACKAGED CHILLER CH-1 AS SCHEDULED. MOUNT UNIT ON CONCRETE PAD (BY M.C.) AS RECOMMENDED BY MFGR. COORDINATE EXACT LOCATION AND DIMENSIONS.

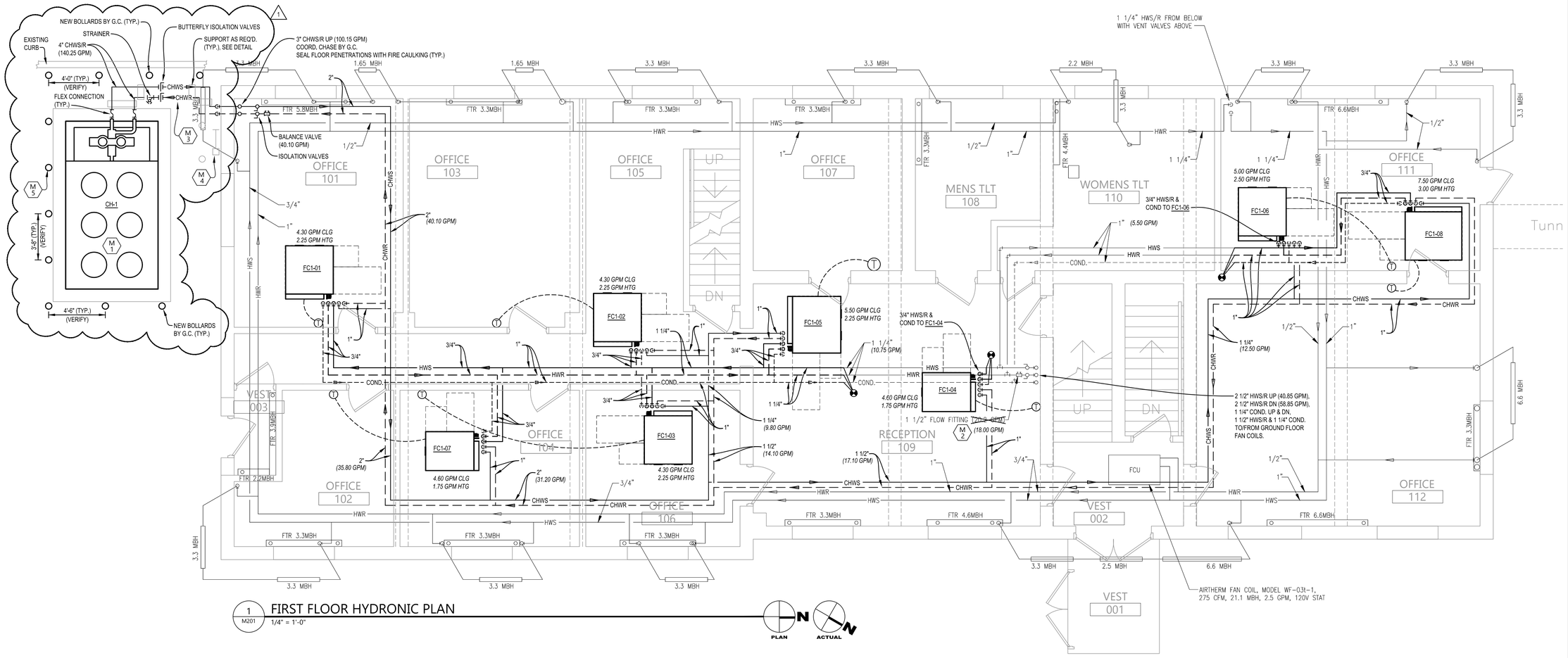
M2 RELABEL EXISTING BALANCING VALVE GPM SETTINGS AS REQUIRED.

M3 EXTERIOR CHILLED WATER PIPING SHALL BE SCHEDULE 40 STEEL PIPE WITH GROOVED MECHANICAL-JOINT COUPLINGS.

M4 MAINTAIN MINIMUM 36" CLEARANCE IN FRONT OF EXISTING EMERGENCY EGRESS LADDER.

M5 STRUCTURAL BOLLARDS BY GENERAL CONTRACTOR, REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETAIL. SPACING BETWEEN BOLLARDS SHALL NOT EXCEED 4'-6". COORDINATE EXACT LOCATIONS AND SPACING WITH GENERAL CONTRACTOR.

1



1 M201 FIRST FLOOR HYDRONIC PLAN

1/4" = 1'-0"

PLAN ACTUAL N

EAPC

Architecture | Engineering
Interior Design | Industrial

TELE 701.775.3000 FAX 701.772.3605

3100 DeMers Avenue, Grand Forks ND 58201

www.eapc.net

CONSULTANTS

CLIENT

NORTH DAKOTA STATE MILL

PROJECT DESCRIPTION

OFFICE HVAC UPGRADES

CITY GRAND FORKS

STATE NORTH DAKOTA

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM#1	05/28/2026
CD	CONSTRUCTION DOCUMENTS	05/13/2026

PROJECT NO: 20255550

DRAWN BY: MCH

CHECKED BY: DJL

STAMP

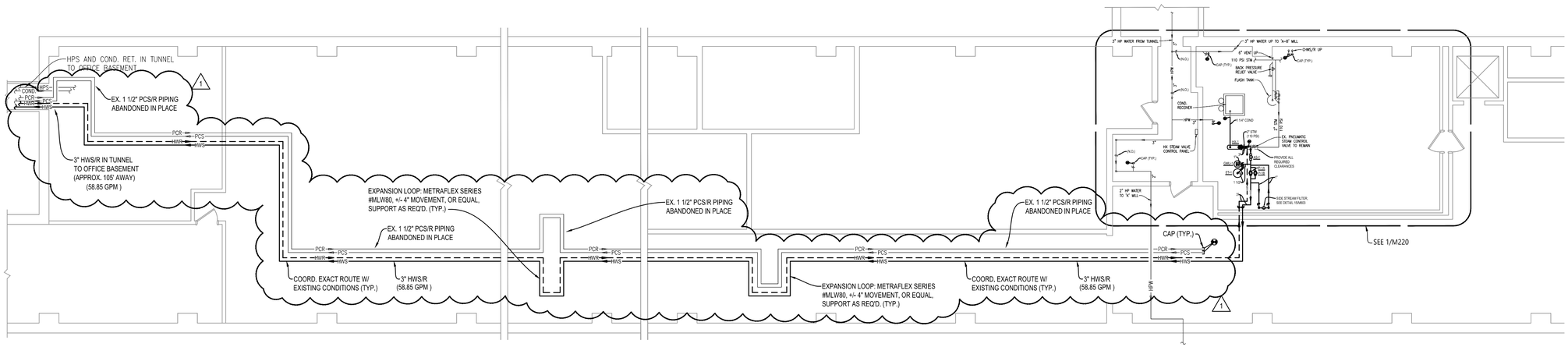
REGISTERED PROFESSIONAL ENGINEER
TYLER COULOMBE
PE-7492
DATE 05/28/2026
NORTH DAKOTA

DRAWING TITLE

FIRST FLOOR HYDRONIC PLAN

M201

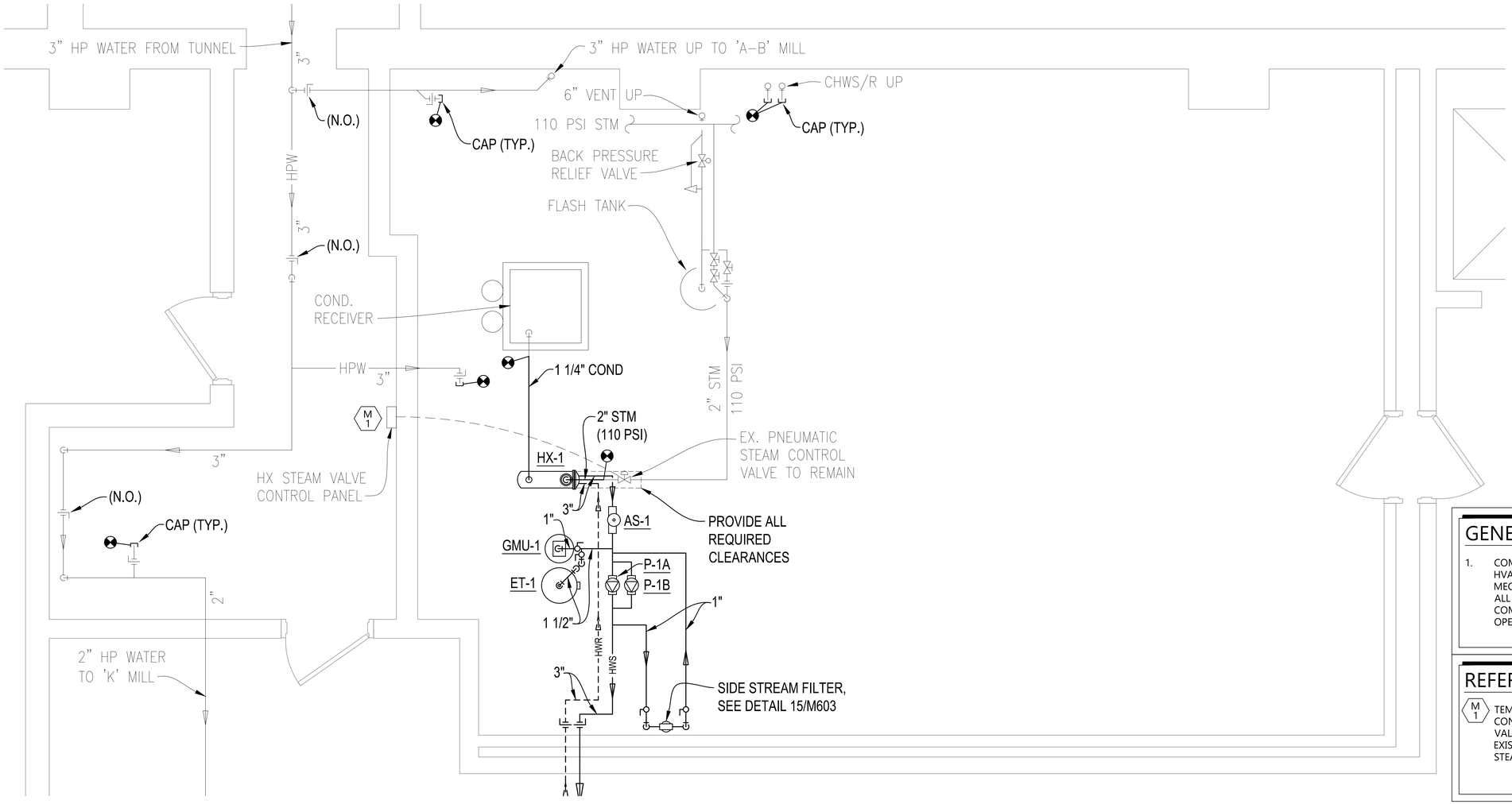
File Location:W:\2025\20255550 - GF ND Mill Office Bldg HVAC Upgrades\Drawings\20255550-M201.dwg
Plot Date:28-May-26



2 M220 MILL BUILDING No.1 PARTIAL BASEMENT MECHANICAL PLAN

1/16" = 1'-0"

PLAN ACTUAL



1 M220 MILL BUILDING No.1 ENLARGED MECHANICAL ROOM PLAN

1/4" = 1'-0"

PLAN ACTUAL

GENERAL NOTES:

1. COMPLETE CONTROLS FOR THE ENTIRE NEW HVAC SYSTEM ARE TO BE PROVIDED BY THE MECHANICAL CONTRACTOR. THIS INCLUDES ALL CONTROL WIRING, CONDUIT, AND OTHER COMPONENTS AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.

REFERENCE NOTES:

M 1 TEMPERATURE CONTROLS CONTRACTOR TO CONNECT TO EXISTING PNEUMATIC CONTROL VALVE RELAY TO TAKE OVER CONTROL OF EXISTING STEAM VALVE. EXISTING PNEUMATIC STEAM CONTROL VALVE TO BE REUSED.

EAPC
Architecture | Engineering
Interior Design | Industrial
TELE 701.775.3000 FAX 701.772.3605
3100 DeMers Avenue, Grand Forks ND 58201
www.eapc.net

CONSULTANTS

CLIENT
NORTH DAKOTA STATE MILL

PROJECT DESCRIPTION
OFFICE HVAC UPGRADES

CITY GRAND FORKS
STATE NORTH DAKOTA

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM#1	05/28/2026
CD	CONSTRUCTION DOCUMENTS	05/13/2026

PROJECT NO: 20255550
DRAWN BY: MCH
CHECKED BY: DJL

STAMP

REGISTERED PROFESSIONAL ENGINEER
TYLER COULOMBE
PE-7492
DATE 05/28/2026
NORTH DAKOTA

DRAWING TITLE
MILL BUILDING No. 1 PARTIAL BASEMENT MECHANICAL PLANS

M220

File Location:W:\2025\20255550 - GF ND Mill Office Bldg HVAC Upgrades\Drawings\20255550-M220.dwg
Plot Date:28-May-26