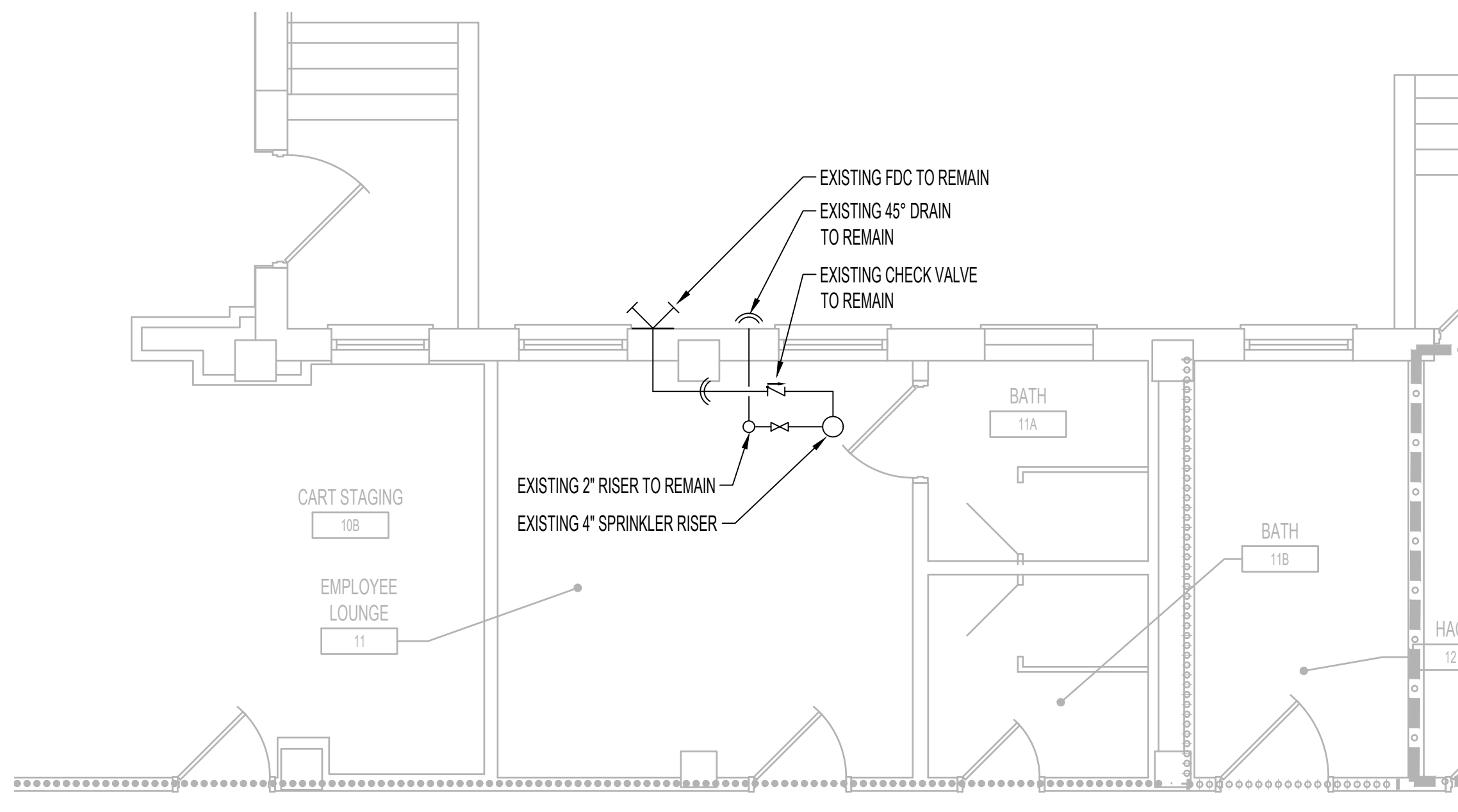


3 FIRE SUPPRESSION SERVICE ELEVATION DEMOLITION PLAN
1/4"=1'-0"



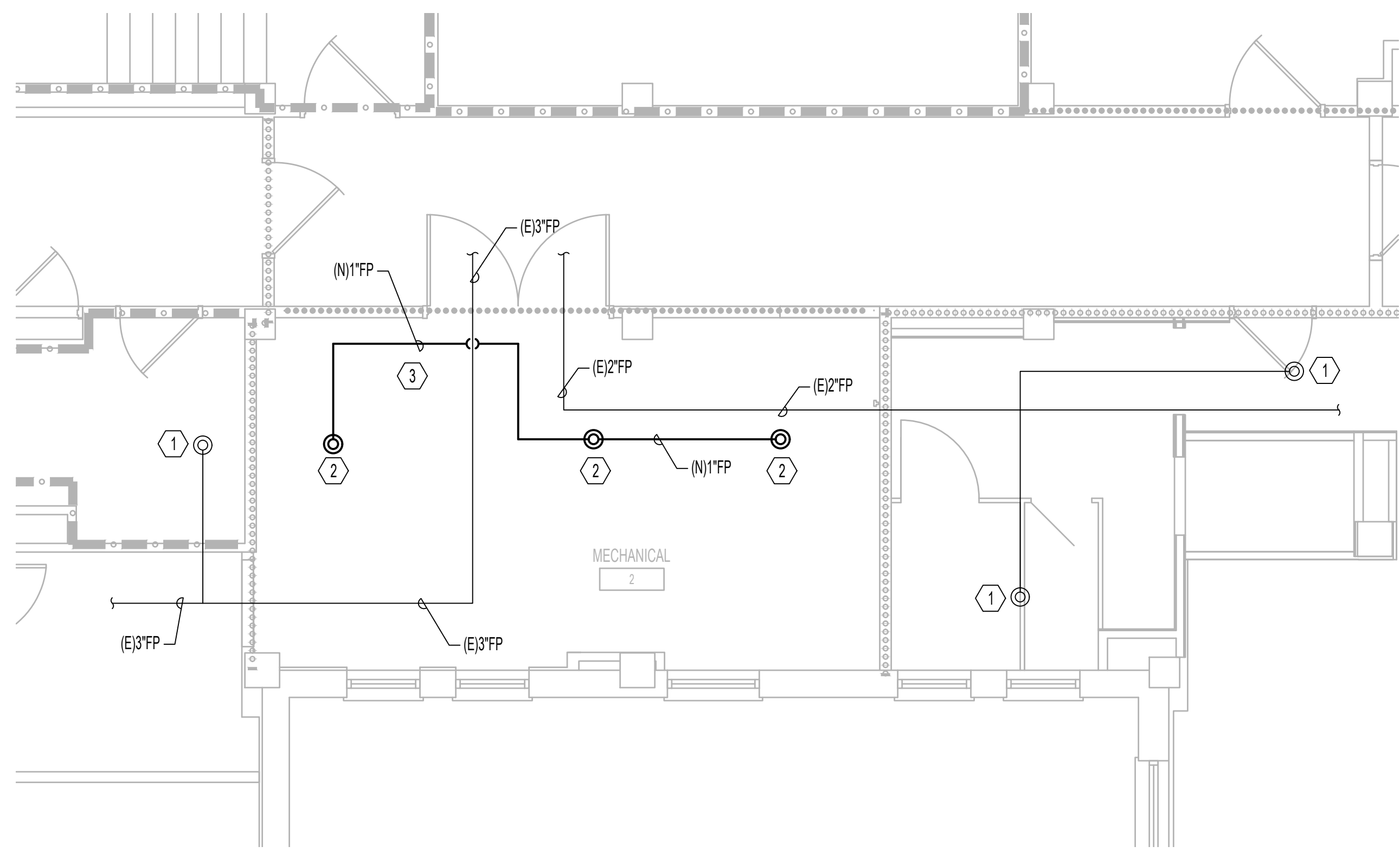
1 FIRE SUPPRESSION SERVICE DEMOLITION PLAN
1/4"=1'-0"



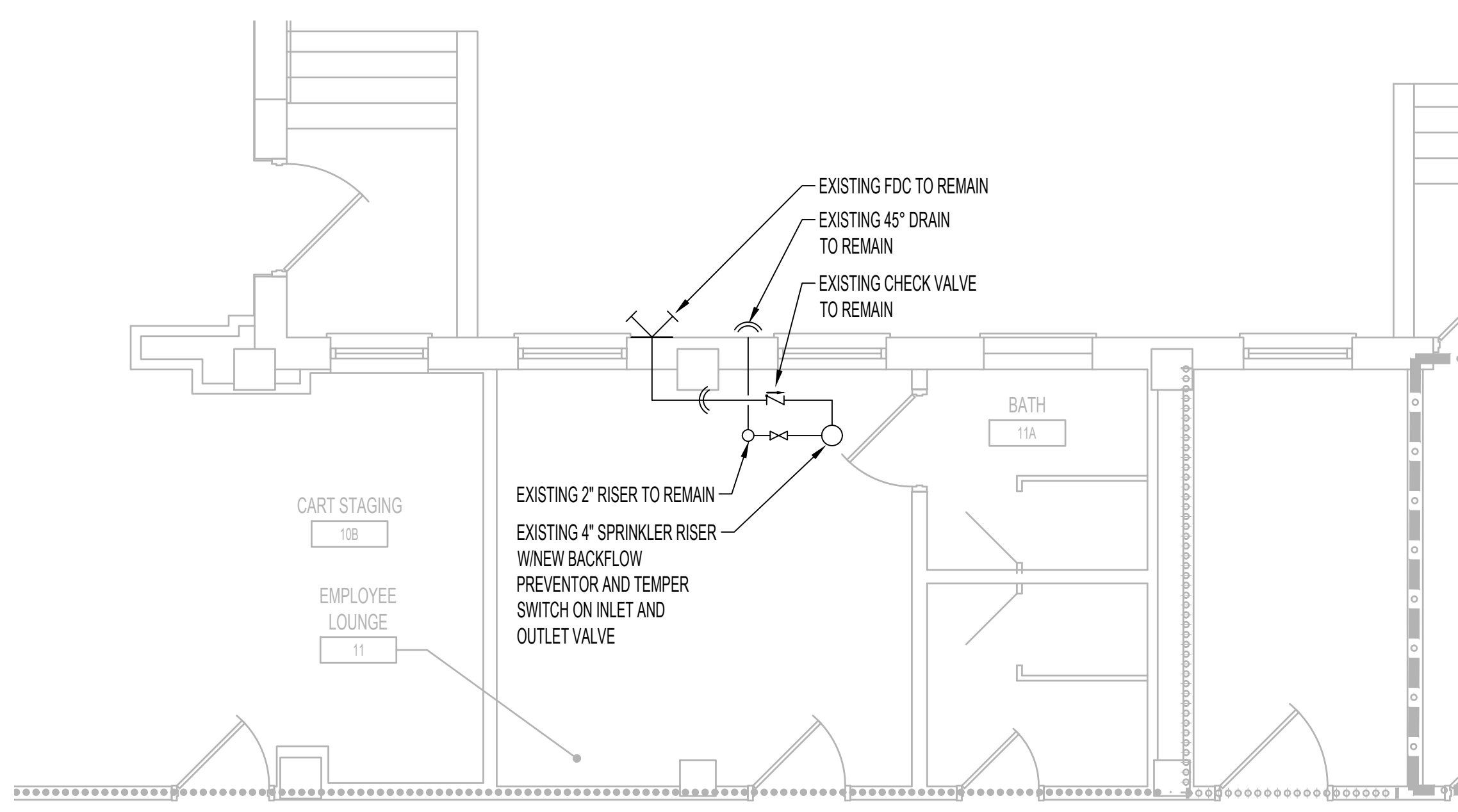
CONTRACTOR TO VERIFY EXISTING DRAIN IS SUFFICIENT FOR TESTING OF SYSTEM

- ADJUST EXISTING 4" FEED MAIN, FDC CONNECTION, AND DRAIN PIPE AS REQUIRED TO ACCESS NEW RPZ
- REMOVE EXISTING AIS DETECTION ALARM VALVE & INSTALL NEW BACKFLOW (RPZ) PREVENTOR W/TEMPER SWITCH ON INLET AND OUTLET VALVE

5 FIRE SUPPRESSION SERVICE ELEVATION
1/2"=1'-0"



4 FIRE SUPPRESSION SERVICE ELEVATION PLAN
1/4"=1'-0"



2 FIRE SUPPRESSION SERVICE PLAN
1/4"=1'-0"

FIRE PROTECTION DEMOLITION GENERAL NOTES

- FIRE PROTECTION CONTRACTOR TO COORDINATE WITH (VA COR) (OWNER'S REPRESENTATIVE) FOR ALL FIRE PROTECTION SERVICE OUTAGES.
- THE FIRE PROTECTION DRAWINGS ARE CONCEPTUAL FOR GENERAL INFORMATION ONLY AND NOT AN EXACT INDICATOR OF PIPE OR SPRINKLER HEAD LOCATIONS.
- FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILING, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS.
- AREA OF WORK WHERE EXISTING CEILINGS ARE TO BE REMOVED AND NEW FINISHED CEILING TO BE INSTALLED; ALL EXISTING MOUNTED ITEMS SHALL BE REMOVED, STORED AND REINSTALLED IN SAME LOCATION.
- FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH CEILING DISASSEMBLY AND REASSEMBLY TO ACCOMMODATE THIS WORK. CONTRACTOR TO SALVAGE, STORE, AND REINSTALL ALL CEILING MOUNTED DEVICES.
- REMOVE ALL ASSOCIATED CLAMPS, HANDERS, SUPPORTS, ETC., ASSOCIATED WITH PIPING REMOVAL.
- FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
- DURING DEMOLITION, WHERE COMPLETION OF AIS HEAD CHANGEOUT CANNOT BE COMPLETED IN A SINGLE WORK PERIOD, FIRE PROTECTION CONTRACTOR SHALL REVERSE AIS HEAD CONNECTION TO UPRIGHT POSITION, PROVIDE A NEW UPRIGHT SPRINKLER AND SPRIG IF NECESSARY, TO KEEP SYSTEM ACTIVE DURING CONSTRUCTION. ON COMPLETION OF THE CEILING WORK, REPLACE UPRIGHT AIS HEAD (AND DISPOSE OF) WITH THE DESIGNATED NEW FINAL TYPE, TO COMPLETE CONSTRUCTION WORK.

FIRE PROTECTION GENERAL NOTES

- THE FIRE PROTECTION DRAWINGS ARE CONCEPTUAL FOR GENERAL INFORMATION ONLY AND SHALL NOT BE CONSTRUED AS FINAL DESIGN OR INSTALLATION DOCUMENTS. THE SPRINKLER DESIGN AND INSTALLATION SHALL BE THE RESPONSIBILITY OF THE DESIGN BUILD FIRE PROTECTION CONTRACTOR. THIS INCLUDES THE RELOCATION OF SPRINKLER MAINS, BRANCH PING AND HEADS AS NECESSARY FOR THE NEW DESIGN. REFER TO SPECIFICATION FOR DESIGN CRITERIA.
- DESIGN TO BE IN ACCORDANCE WITH THE E VA FIRE PROTECTION DESIGN MANUAL, DATED JUNE 1, 2021 AND THE LATEST EDITION OF NATIONAL FIRE PROTECTION STANDARD #13.
- CONTRACTOR TO PROTECT EXISTING HEADS FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
- CONTRACTOR TO UTILIZE EXISTING BRANCH LINES, CROSS MAINS, AND FEED MAINS, SERVING NEW SPRINKLER LOCATIONS WITH MODIFIED ARM OVER CONNECTIONS FED FROM EXISTING OUTLET. SHOW ALL PIPING ON SHOP DRAWING SUBMITTAL.
- CONTRACTOR TO TURN SPRINKLER HEADS OVER AND KEEP FIRE PROTECTION PIPING ACTIVE DURING CONSTRUCTION.
- DURING DEMOLITION, WHERE COMPLETION OF AIS HEAD CHANGEOUT CANNOT BE COMPLETED IN A SINGLE WORK PERIOD, FIRE PROTECTION CONTRACTOR SHALL REVERSE AIS HEAD CONNECTION TO UPRIGHT POSITION, PROVIDE A NEW UPRIGHT SPRINKLER AND SPRIG IF NECESSARY, TO KEEP SYSTEM ACTIVE DURING CONSTRUCTION. ON COMPLETION OF THE CEILING WORK, REPLACE UPRIGHT AIS HEAD (AND DISPOSE OF) WITH THE DESIGNATED NEW FINAL TYPE, TO COMPLETE CONSTRUCTION WORK.

FIRE PROTECTION DEMOLITION KEY NOTES

- REMOVE EXISTING UPRIGHT AUTOMATIC SPRINKLER HEAD.
- EXISTING UPRIGHT AUTOMATIC SPRINKLER HEAD TO REMAIN.

FIRE PROTECTION KEY NOTES

- EXISTING UPRIGHT AUTOMATIC SPRINKLER TO REMAIN.
- NEW UPRIGHT UPRIGHT AUTOMATIC SPRINKLER HEAD WITH PROTECTIVE CAGE.
- CONNECT NEW 1 1/2" BRANCH TO EXISTING 3" CROSS MAIN.

6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: **RAED HAMID**
Signature: *Raed Hamid*
Date: **06-01-2023** License # **57080**

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www.bancroft-ae.com
BAE PROJECT NO. 18-116

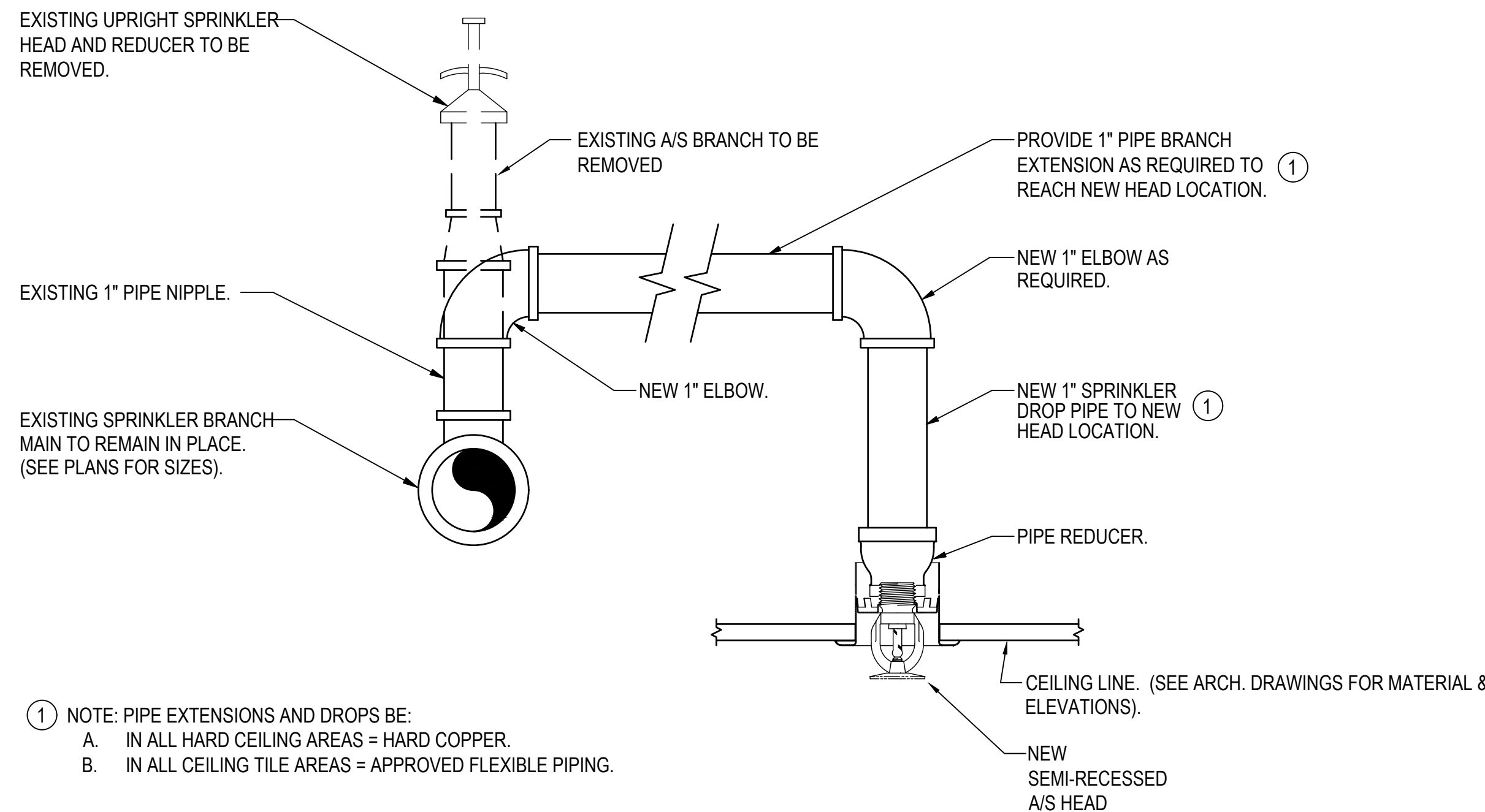
APPROVED PROJECT GDR	DATE:	APPROVED SERVICE LINE DIRECTOR	DATE:	APPROVED INFECTION CONTROL NURSE	DATE:
APPROVED ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:	APPROVED GENR PROJECT MANAGER	DATE:	APPROVED PATIENT SAFETY	DATE:
APPROVED CHIEF OF STAFF	DATE:	APPROVED PROJECTS SECTION MANAGER	DATE:	APPROVED CHIEF OF POLICE	DATE:
APPROVED HEALTH CARE SYSTEM DIRECTOR	DATE:	APPROVED DIRECTOR PMS	DATE:	APPROVED SAFETY MANAGER	DATE:

DRAWING TITLE FIRE PROTECTION - ENLARGED BASEMENT PLANS		DATE: 06/02/2023
PROJECT TITLE CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS		PROJECT NO. 656-19-309
BUILDING NO. 50	CHECKED BY TH	DRAWN BY TH
LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303		DWG. NO. FX-400

06/02/2023 - ISSUE FOR BID

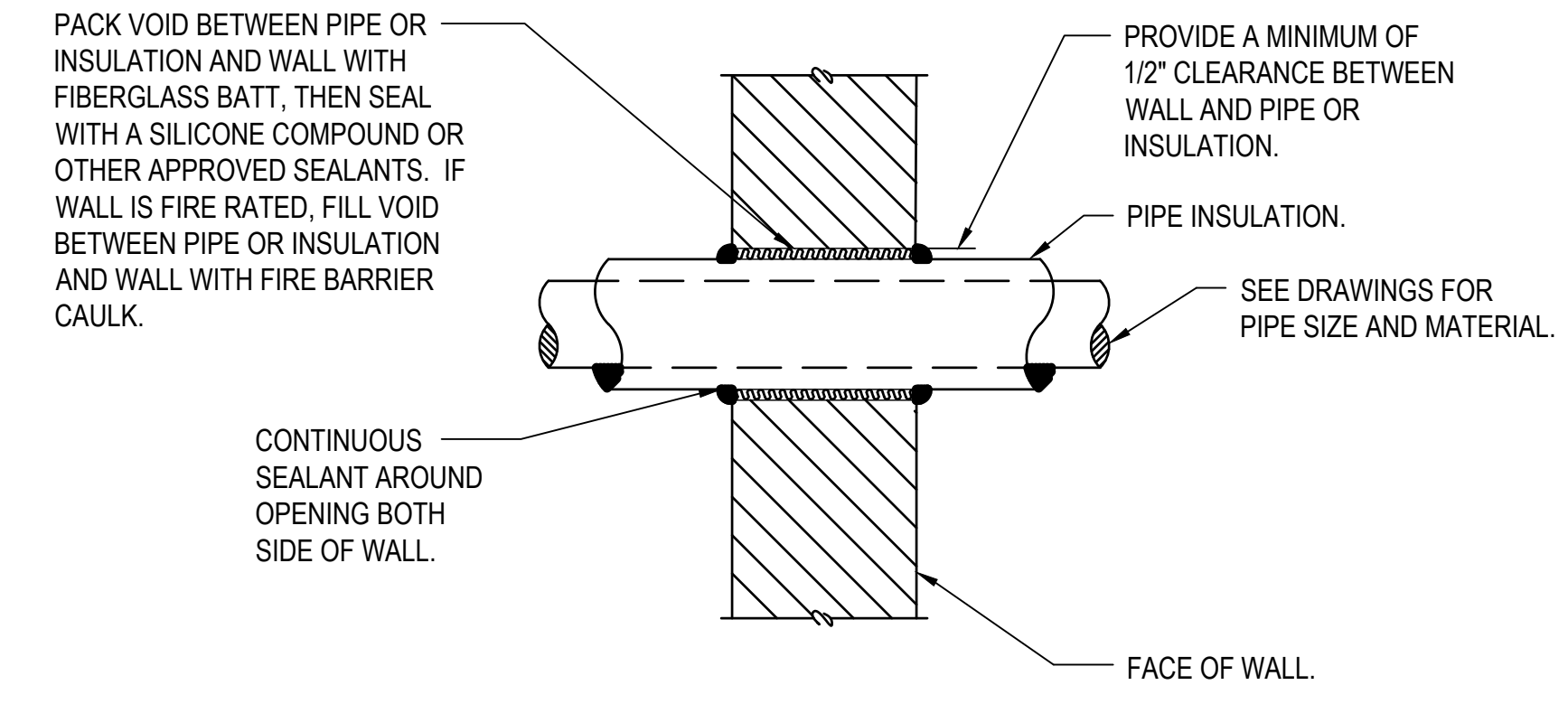
VA

U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System



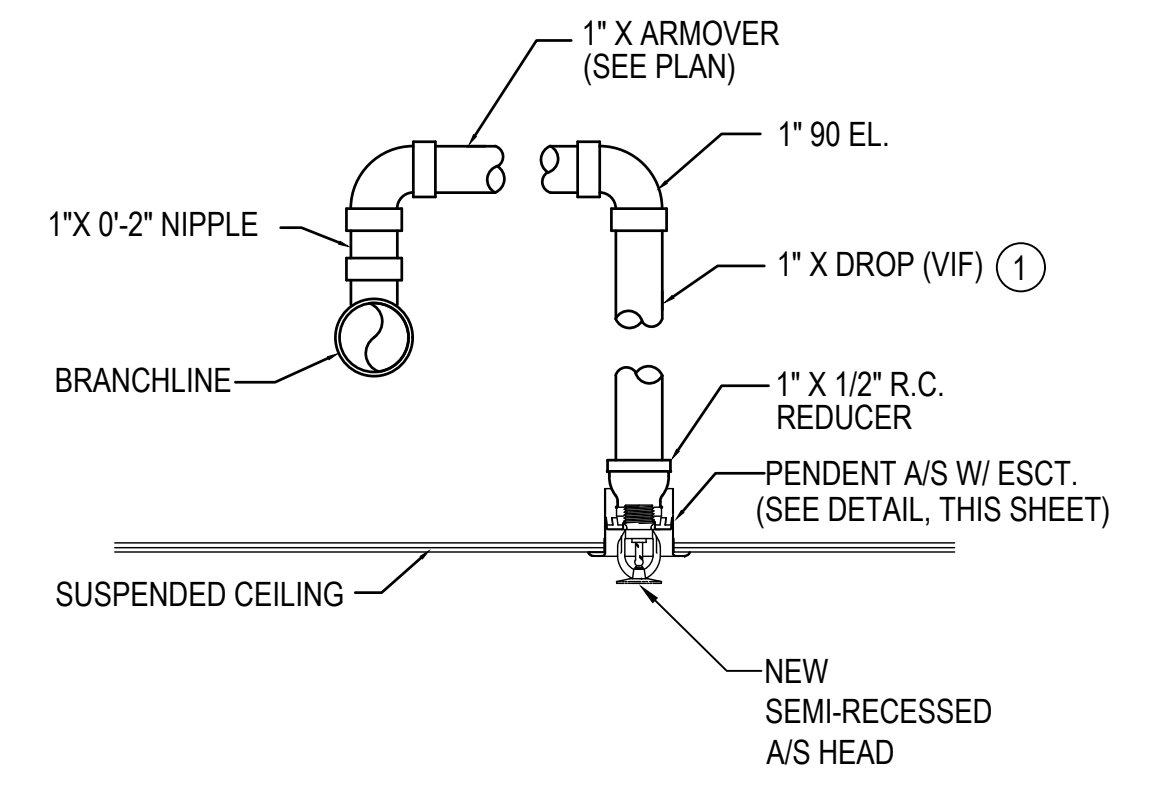
1 NOTE: PIPE EXTENSIONS AND DROPS BE:
 A. IN ALL HARD CEILING AREAS = HARD COPPER.
 B. IN ALL CEILING TILE AREAS = APPROVED FLEXIBLE PIPING.

3 TYPICAL UPRIGHT/PENDENT SPRINKLER HEAD CONVERSION DETAIL
 NO SCALE

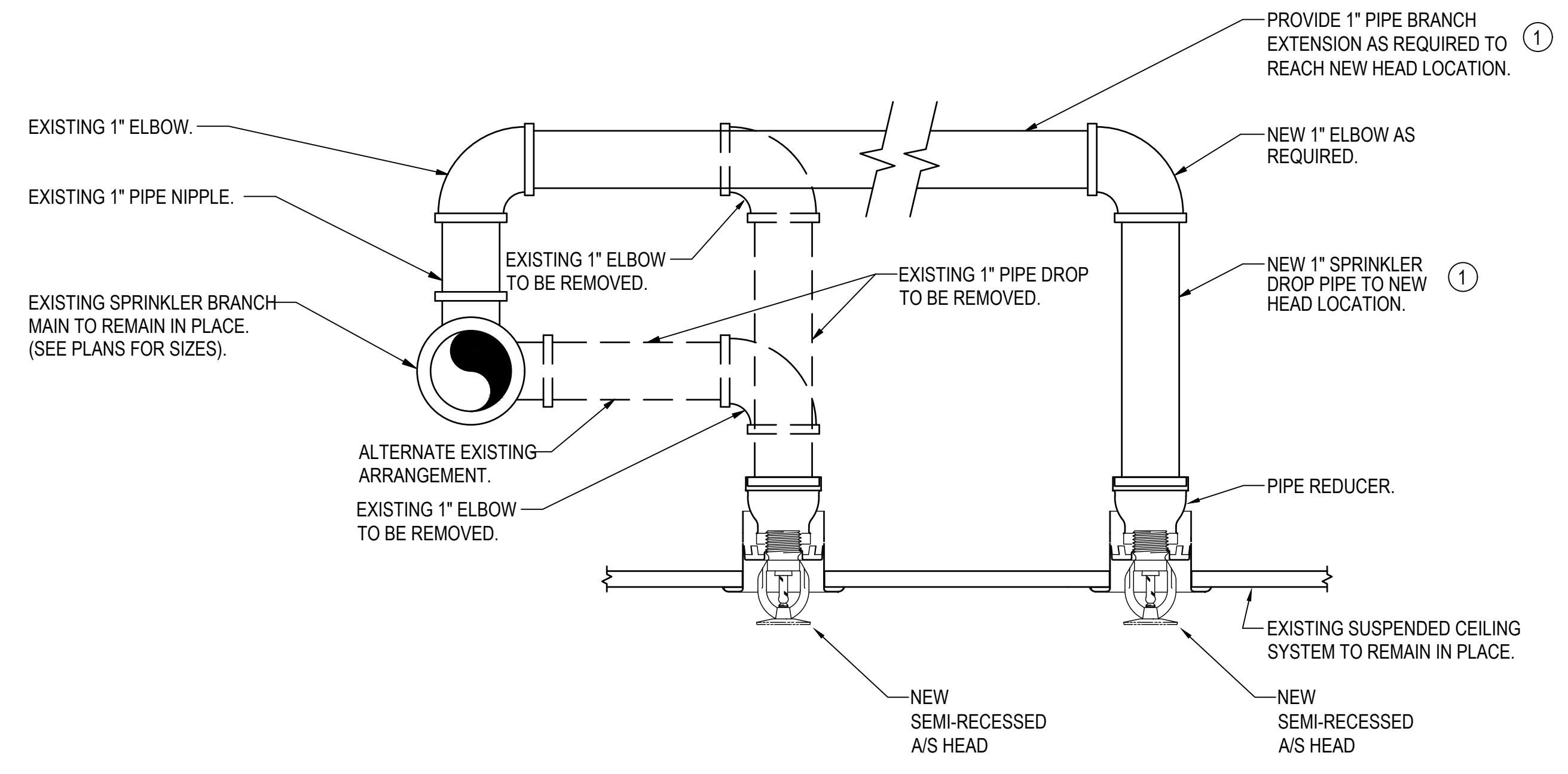


NOTES:
 1. I.D. OF WALL OPENING TO BE A MIN. OF 1/2" LARGER THAN O.D. OF PIPE OR INSULATION PASSING THROUGH WALL.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THEIR WALL OPENINGS WITH OTHER TRADES AND/OR CONTRACTORS.
 3. PIPE PENETRATIONS OF SMOKE OR FIRE WALLS SHALL BE IN COMPLIANCE WITH NFPA-90A.
 4. FIRE PROTECTION FOR PIPING PASSING THROUGH WALLS SHALL BE EQUAL TO AN APPROVED UL ASSEMBLY NUMBER. ACCEPTABLE PRODUCTS INCLUDE, BUT IS NOT LIMITED TO HILTI OR STI:
 HILTI PIPING THROUGH DRYWALL = #W-L-1054
 HILTI PIPING THROUGH BLOCK WALL = C-AJ-1226
 OR OTHER ACCEPTED PIPE PENETRATIONS.

2 PIPE PENETRATION OF INTERIOR WALL DETAIL
 NTS

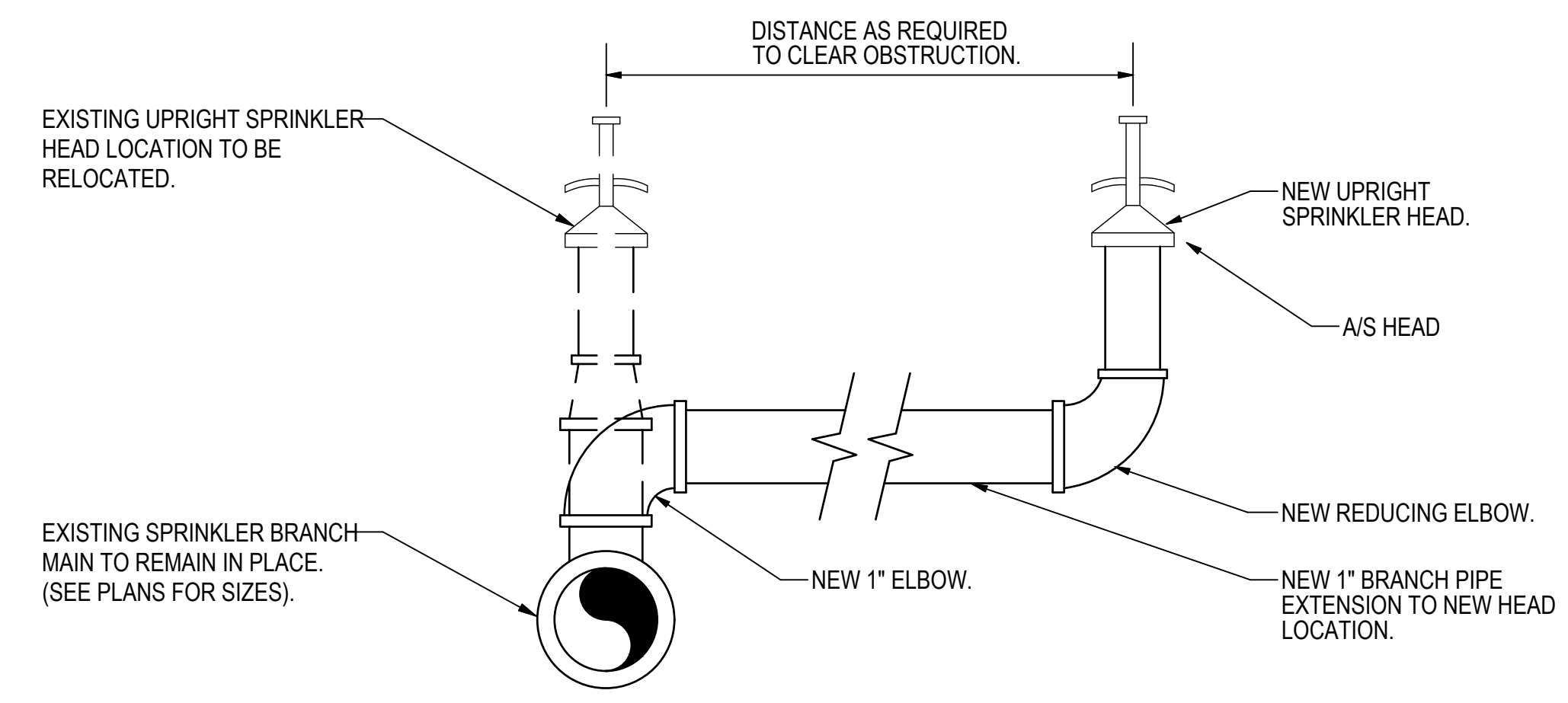


1 A/S HEAD PIPING DETAIL
 NO SCALE

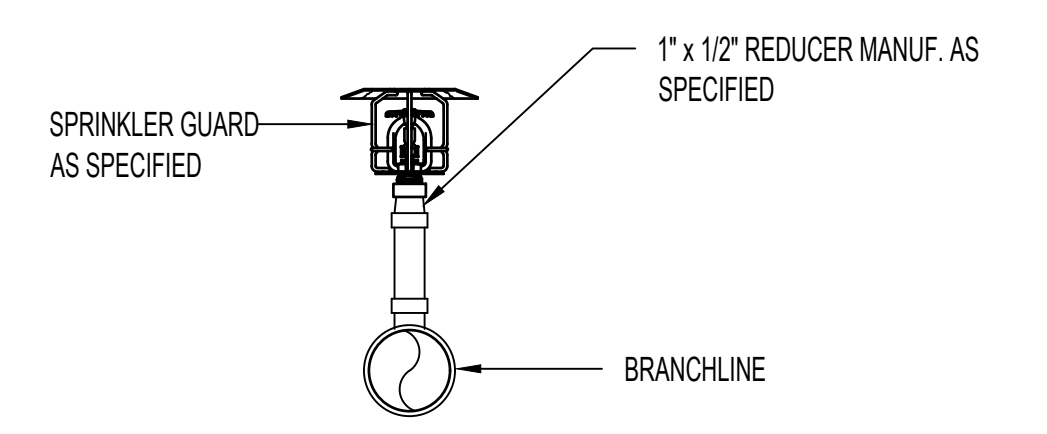


1 NOTE: PIPE EXTENSIONS AND DROPS BE:
 A. IN ALL HARD CEILING AREAS = HARD COPPER.
 B. IN ALL CEILING TILE AREAS = APPROVED FLEXIBLE PIPING.

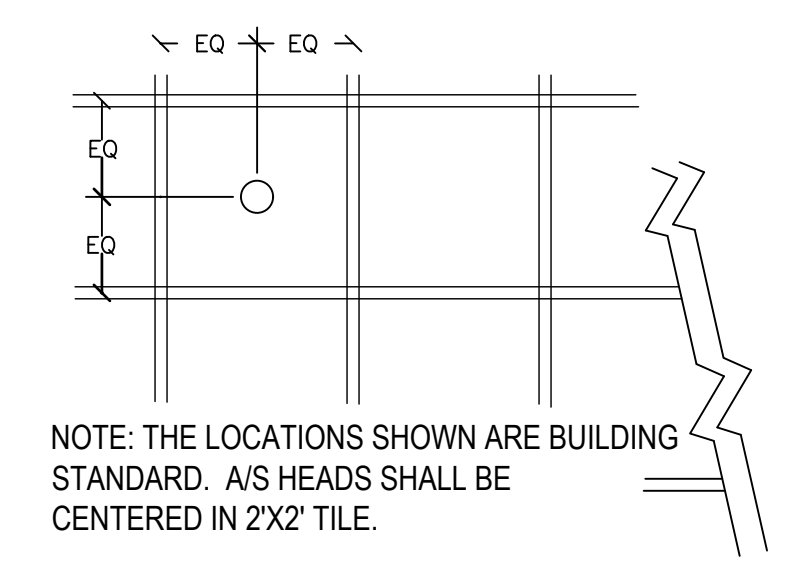
6 TYPICAL PENDENT SPRINKLER HEAD RELOCATION DETAIL
 NO SCALE



5 TYPICAL UPRIGHT SPRINKLER HEAD RELOCATION DETAIL
 NO SCALE



4 TYPICAL SPRINKLER WITH WIRE GUARD DETAIL
 NTS



7 A/S HEAD LOCATIONS IN GRID CEILINGS
 NO SCALE

6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
 Print Name: **RAED HAMID**
 Signature: *Raed Hamid*
 Date: 06-01-2023 License # 57080

ARCHITECT/ENGINEER OF RECORD

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 BAE PROJECT NO. 18-116

APPROVED PROJECT GDR	DATE:	APPROVED SERVICE LINE DIRECTOR	DATE:	APPROVED INFECTON CONTROL NURSE	DATE:
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APPROVED DIRECTOR PMS	DATE:	APPROVED SAFETY MANAGER	DATE:		

DRAWING TITLE: FIRE PROTECTION - DETAILS		DATE: 06/02/2023
PROJECT TITLE: CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS		PROJECT NO: 656-19-309
BUILDING NO: 50	CHECKED BY: TH	DRAWN BY: FX500
LOCATION: ST. CLOUD VAHCS ST. CLOUD, MN 56303	DATE:	DWG. OF:

06/02/2023 - ISSUE FOR BID

VA

U.S. Department of Veterans Affairs
 Veterans Health Administration
 St. Cloud VA Health Care System

PLUMBING GENERAL NOTES

- SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL REQUIREMENTS LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AND AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED BELOW. SEE 1-G1001 & 1-G1019.
- EQUIVALENCY SUBSTITUTIONS: THE "BASIS OF DESIGN (BOD) PROTOCOLS" ARE TO BE FOLLOWED FOR ALL EQUIPMENT, MATERIALS AND ASSEMBLIES SPECIFIED AND DETAILED THROUGHOUT ALL DRAWINGS AND SPECIFICATION SECTIONS, WHETHER THE BOD DESIGNATE IS SPECIFICALLY REFERENCED THEREIN OR NOT. SEE THE GENERAL DRAWINGS SECTION FOR THE FULL BOD EQUIVALENCY SUBSTITUTION REQUIREMENTS AND PROTOCOLS TO BE FOLLOWED.
- THIS CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS, INCLUDING BUT NOT NECESSARILY LIMITED TO ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL DRAWINGS AND ENTIRE PROJECT SPECIFICATIONS. THIS CONTRACTOR SHALL ACKNOWLEDGE AND INCLUDE IN THE SCOPE OF WORK (CONTRACT) ALL CONDITIONS PERTINENT TO THE COMPLETION OF HIS WORK. THIS CONTRACTOR SHALL FULLY COORDINATE HISHER WORK WITH THE INSTALLATION OF WORK BY OTHER TRADES AND MAKE NECESSARY FIELD ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE INSTALLATION. ALL OF THE ABOVE SHALL BE INCLUDED IN THE SCOPE OF WORK.
 - THIS CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND FULLY INFORM THEMSELVES AS TO ALL CONDITIONS AND MATTERS THAT CAN, IN ANY WAY, AFFECT THE WORK OR THE COST THEREOF. SHOULD THIS CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM THE DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS, OR BE IN DOUBT AS TO THEIR MEANING, NOTIFY THE VA/CO AT ONCE, IN WRITING, OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND NEW WORK, OR BETWEEN THEIR WORK AND THE WORK OF OTHER TRADES AND OBTAIN CLARIFICATION PRIOR TO SUBMITTING ANY BID. LACK OF SUCH NOTIFICATION SHALL BE CONSIDERED AS TO INDICATE NO DISCREPANCIES OR CONFLICTS EXIST.
 - THE DRAWINGS INDICATE DIAGRAMMATICALLY THE INTENT, GENERAL CHARACTER, REQUIREMENTS AND LOCATION OF THE WORK SHOWN AND INCLUDED. THE WORK INDICATED, BUT HAVING MINOR DETAILS OBVIOUSLY OMITTED, SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE VA/GOVERNMENT.
 - THE CONTRACTOR IS REQUIRED TO BID, AS SPECIFIED, THE WORK SHOWN ON THE DRAWINGS AND PROVIDED IN THE SPECIFICATIONS WITHOUT DEVIATION, WITH THE EXCEPTION OF ANY BASIS OF DESIGN (BOD) EQUIVALENCY SUBSTITUTIONS. THESE REQUESTED SUBSTITUTIONS WILL NEED TO BE IDENTIFIED, SUBMITTED AND APPROVED BY THE VA/CO AND SHALL BE IN FULL COMPLIANCE WITH THE BASIS OF DESIGN COMPLIANCE PROTOCOLS. SEE G101.
 - THIS CONTRACTOR IS RESPONSIBLE TO FURNISH AND INSTALL ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM, WHERE THERE IS NO MENTION OF THE RESPONSIBLE PARTY FOR A SPECIFIC ITEM TO BE FURNISHED OR INSTALLED ON THE DRAWINGS, THE DRAWINGS TRADE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR ALL RELATED PURCHASES AND LABOR FOR PROVIDING A COMPLETE OPERATING SYSTEM FOR THIS ITEM.
 - WHEN PERFORMING ANY CUTTING OR PATCHING (RESTORE TO ORIGINAL STATE) ALL BUILDING MATERIALS AND FINISHES AS REQUIRED TO PROVIDE A FINISHED PRODUCT THAT IS LIKE NEW AND DOESN'T STAND OUT AS BEING DIFFERENT OR DISTINGUISHABLE AS A PATCH OR REPAIR.
 - THIS CONTRACTOR SHALL VERIFY AND COORDINATE ALL MOUNTING, ARRANGEMENTS, HEIGHTS AND LOCATIONS PRIOR TO ROUGH-IN AS REQUIRED BY THE VA DESIGN GUIDES/MANUALS ALONG WITH THE EXPRESSED DESIGN INTENT PRESENTED WITHIN THESE DOCUMENTS.
 - THIS CONTRACTOR SHALL FURNISH AND INSTALL ALL SLEEVES THRU WALLS AND THROUGH FLOORS, INCLUDING CORING IF REQUIRED.
 - PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL EXISTING SANITARY, STORM AND WATER SUPPLY ON THE SITE PRIOR TO THE PERFORMANCE OF ANY WORK.
 - PROVIDE SERVICE VALVES AT ALL BRANCH SUPPLY PIPING. SUCH SERVICE VALVES SHALL BE AS PER THE SPECIFICATIONS AND IN KEEPING WITH THE VA STANDARDS AND REQUIREMENTS.
 - ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL CURRENT GOVERNING LOCAL, COUNTY, STATE, AND FEDERAL BUILDING CODE REQUIREMENTS AND REGULATIONS PLUS COMPLIANCE WITH LOCAL UTILITY COMPANY AND VA REQUIREMENTS.
 - THIS CONTRACTOR SHALL BE LICENSED, BONDED, INSURED AND CAPABLE OF PERFORMING QUALITY WORKMANSHIP.
 - THIS CONTRACTOR SHALL ESTABLISH SAFE WORKING PROCEDURES FOR THE PROTECTION OF ALL PERSONNEL THRU ALL PHASES OF WORK, COMPLYING WITH ALL APPLICABLE PROVISIONS OF CITY, STATE, AND FEDERAL SAFETY LAWS (OSHA) AND AS RECOMMENDED IN THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" AS ISSUED BY THE ASSOCIATION OF GENERAL CONTRACTORS OF AMERICA, INC., 20TH AND E. STREETS, N.W. WASHINGTON, D.C.
 - THIS CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THE PURCHASE, DELIVERY, RECEIVING, UNLOADING, UNCRATING, STORING, SETTING IN PLACE, AND PROTECTING OF ALL NEW EQUIPMENT AND MATERIALS FURNISHED BY THIS CONTRACTOR ALONG WITH EQUIPMENT FURNISHED BY THE VA AND INSTALLED BY THIS CONTRACTOR. PROVIDE PROTECTION FROM DAMAGE BY THE CONSTRUCTION, HANDLING, VANDALISM AND WEATHER DURING ALL PHASES OF CONSTRUCTION UNTIL COMPLETION OF THE WORK.
 - THIS CONTRACTOR SHALL SUBMIT SHOP DRAWINGS IN THE NUMBERS REQUIRED BY THE SPECIFICATIONS PRIOR TO THE START OF INSTALLATION FOR VA/CO APPROVAL AND A SUCCESSFUL REVIEW BY THE ARCHITECT/ENGINEER.
 - THIS CONTRACTOR SHALL FURNISH AS-BUILT CONTRACT DOCUMENTS TO THE VA/CO BEFORE FINAL PROJECT CLOSE-OUT CAN OCCUR. THE CONTRACT RECORD AS-BUILT DOCUMENTS SHALL BE PROVIDED IN ELECTRONIC REPRODUCIBLE FORM.
 - BEFORE PLACING WATER SYSTEM IN OPERATION, CHLORINATE ENTIRE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS AND IN CONJUNCTION WITH ALL LOCAL, STATE AND FEDERAL PLUMBING CODES ALONG WITH ALL REQUIREMENTS OF THE VA, BOTH FEDERAL AND LOCAL. WHEN PROPERLY COMPLETED AND APPROVED BY THE VA/CO PROVIDE THE SPECIFIED CERTIFICATION(S).

PLUMBING MATERIALS AND PROCEDURES NOTES

- DISCIPLINE SPECIFIC**
- DISINFECTION OF POTABLE WATER SYSTEM SHALL BE AT THE VERY MINIMUM AS DESCRIBED BELOW IN ITEMS A THRU D, OR THE MOST AGGRESSIVE SYSTEM REQUIRED BY THE FOLLOWING FOR CITED AUTHORITIES:
NEW POTABLE WATER SYSTEMS SHALL BE PURGED OF DELETERIOUS MATTER AND DISINFECTED PRIOR TO UTILIZATION. THE METHOD TO BE FOLLOWED SHALL BE THAT PRESCRIBED BY THE HEALTH AUTHORITY HAVING JURISDICTION (SEE ANSI/ASHRAE 188) OR, IN THE ABSENCE OF A PRESCRIBED METHOD, THE PROCEDURE DESCRIBED IN EITHER AWWA C651 OR AWWA C652 LISTED IN CHAPTER 19, AND AS DESCRIBED IN THE VA SPECIFICATION SECTION. THIS REQUIREMENT SHALL APPLY TO "ONSITE" OR "IN-PLANT" FABRICATION OF A SYSTEM OR TO A MODULAR PORTION OF A SYSTEM.
 - THE PIPE SYSTEM SHALL BE FLUSHED WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT THE POINTS OF OUTLET.
 - THE SYSTEM OR PART THEREOF SHALL BE FILLED WITH A WATER/CHLORINE SOLUTION AT LEAST 50 PARTS PER MILLION (50 mg/l) OF CHLORINE, AND THE SYSTEM OR PART THEREOF SHALL BE VALVED OFF AND ALLOWED TO STAND FOR 24 HOURS, OR THE SYSTEM OR PART THEREOF SHALL BE FILLED WITH A WATER CHLORINE SOLUTION AT LEAST 200 PARTS PER MILLION (200mg/l) OF CHLORINE AND ALLOWED TO STAND FOR 3 HOURS, FOLLOWING THE REQUIRED STANDING TIME, THE SYSTEM SHALL BE FLUSHED.
 - THE SYSTEM SHALL BE FLUSHED WITH CLEAN POTABLE WATER UNTIL THE CHLORINE IS PURGED FROM THE SYSTEM.
 - THE PROCEDURE SHALL BE REPEATED WHERE SHOWN BY A BACTERIOLOGICAL EXAMINATION THAT CONTAMINATION REMAINS PRESENT IN THE SYSTEM.
 - PIPING SERVICE MARKING:
VINYL CLOTH PRESSURE SENSITIVE MARKERS BLACK LETTER ON WHITE BACKGROUND
 - PIPES 2" AND LARGER SPACING 30'-0" O.C. PIPES 2 1/2" AND SMALLER SPACING 20'-0" O.C. INSTALL DIRECTIONAL ARROWS ON ALL PIPING AT SAME SPACING.
 - CONTRACTOR TO VERIFY IN FIELD AND PROVIDE EXTENSIONS REQUIRED TO ADJUST ALL FIXTURES TO GRADE LEVEL TO MAINTAIN INVERTS AS DETERMINED BY ALL FIXTURES RELATED (GREASE TRAPS, MAN HOLES, ETC.).
 - PROVIDE EXTERIOR ACCESS TO ISOLATION VALVES FOR HOT AND COLD WATER SUPPLY CUTOFF.

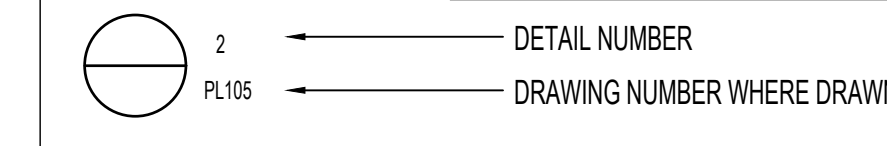
- MATERIALS**
- ALL MATERIALS SHALL BE NEW OF FIRST QUALITY AND UL LISTED FOR THE SPECIFIC DESIGN PURPOSE.
 - SANITARY, VENT, AND STORM LINES SHALL BE SCHEDULE 40 CAST IRON OR COPPER PIPE.
 - DOMESTIC WATER SUPPLY PIPING LOCATED BELOW THE SLAB-ON-GRADE LESS THAN 2" SHALL BE TYPE "K" COPPER LINES 6" AND LARGER SHALL BE STAINLESS STEEL (ASTM 312)
 - THREADED FITTINGS ON GALVANIZED STEEL PIPING SHALL BE 150# CLASS GALVANIZED MALLEABLE IRON FITTING CONFORMING TO ASTM A-197 SPECIFICATION.
 - FURNISH AND INSTALL UNIONS WHERE INDICATED OR AS DEEMED NECESSARY FOR REPAIR OR SERVICE. UNIONS 2" AND SMALLER SHALL BE STANDARD GROUND JOINT BRASS TO IRON SEAT, MALLEABLE IRON, SCREWED UNIONS 2-1/2" AND LARGER SHALL BE STANDARD CAST IRON FLANGED UNIONS 125# CLASS.
 - DOMESTIC HOT WATER SUPPLY AND RETURN PIPING SHALL BE INSULATED WITH ONE OF THE FOLLOWING:
 - 1" THICK PREFORMED FIBERGLASS WITH "K" FACTOR OF 0.23 MAXIMUM AT 75°F. MEAN TEMPERATURE. JACKET TO BE FACTORY APPLIED KRAFT PAPER WITH VAPOR BARRIER.
 - 1" THICK MOLDED RIGID PHENOLIC FOAM WITH "K" FACTOR OF 0.23 MAXIMUM AT 78°F MEAN TEMPERATURE WITH FACTORY APPLIED LAMINATED ALUMINUM FOIL AND WHITE KRAFT PAPER VAPOR BARRIER JACKET.
 - DOMESTIC COLD WATER PIPING SHALL BE INSULATED WITH:
 - 1/2" THICK INSULATION FOR PIPING UP TO 1-1/4" DIAMETER.
 - 1" THICK INSULATION FOR PIPING LARGER THAN 1-1/2" DIAMETER.
 - HANGERS SHALL BE OF STANDARD WEIGHT STEEL OR IRON ROD AND RING OR CLEVIS TYPE. SEE DETAIL.

- PROCEDURES:**
- ALL SUSPENDED HORIZONTAL PIPING SHALL BE SUPPORTED BY HANGERS SPACED NO FURTHER THAN 8'-0" APART. NO PIPING SHALL BE SELF-SUPPORTING NOR BE SUPPORTED FROM EQUIPMENT CONNECTIONS.
 - ALL PARALLEL PIPES (TWO(2) OR MORE) SHALL BE SUPPORTED ON A CHANNEL TYPE TRAPEZE HANGER.
 - SUPPORTS AND HANGERS SHALL BE INSTALLED TO PERMIT FREE EXPANSION AND CONTRACTION IN PIPING SYSTEMS UNLESS PIPE REQUIRES FIRM ANCHOR CONTROL.
 - HORIZONTAL SOIL OR WASTE LINES SHALL BE AT A SLOPE OF NOT LESS THAN 1/8" PER FOOT AND SHALL BE HELD CLOSE TO THE CONSTRUCTION TO MAINTAIN A MAXIMUM OF HEAD ROOM. ALL CHANGES OF DIRECTION AND JUNCTIONS SHALL BE MADE WITH "Y" FITTINGS AND 1/8" BENDS. NO LINES OF ANY KIND SHALL BE LOCATED BELOW FREEZERS. ALL DRAIN LINES SHALL BE PROTECTED FROM FREEZING.
 - HOT AND COLD WATER PIPING SHALL BE PROPERLY PITCHED TO LOW POINTS IN THE SYSTEM WHERE DRAINS SHALL BE INSTALLED.
 - CLEANOUTS SHALL BE PLACED AT ALL DEAD ENDS, AT CHANGES OF DIRECTION, AT 50'-0" INTERVALS ON HORIZONTAL RUNS, OUT OF HIGH TRAFFIC AREAS, (NOT UNDER CASES) ETC. WHERE CLEANOUTS OCCUR IN CONGEALED SPACES, THEY SHALL BE PROVIDED WITH EXTENSIONS TO FLOOR ABOVE OR TO WALLS. A HAND-HOLE TEST TEE SHALL BE PLACED AT THE BASE OF EACH STACK.
 - VENT STACKS EXTENDING UP THROUGH THE ROOF SHALL BE FLASHED WITH SIX POUND SHEET LEAD. FLASHING SHALL EXTEND 12" IN ALL DIRECTIONS FROM THE VENT, CARRIED OVER AND TURNED DOWN THE INSIDE OF THE VENT. ALL SEAMS AND JOINTS OF FLASHING SHALL BE SOLDERED AND PROVEN WEATHERTIGHT. EXTEND VENTS A MIN. OF 12" ABOVE ROOF, AND 30" AWAY FROM PARAPET.
 - ALL SUPPLY PIPING TO BE RUN OVERHEAD, UNLESS NOTED OTHERWISE.
 - ALL SUPPLY PIPING TO BE A MINIMUM OF 3/4" DIA.
 - EACH FIXTURE WILL HAVE A 1/2" X 12" AIR CHAMBER.
 - PROVIDE SERVICE VALVE AT BRANCHES AND AT ALL APPLIANCES.
 - ALL FIXTURES WILL BE FURNISHED WITH INTEGRAL STOPS.
 - ALL FLOOR DRAINS AND FIXTURES TO BE VENTED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.
 - ALL HORIZONTAL VENT PIPING SHALL BE RUN ABOVE FINISHED CEILINGS AND SLOPED UP TOWARD MAIN STACK.
 - THE PLUMBING CONTRACTOR WILL NOT INSTALL COMBUSTIBLE PIPING MATERIAL IN OR THROUGH FIRE RATED ASSEMBLIES.
 - HORIZONTAL DRAINAGE PIPING SHALL BE PITCHED NOT LESS THAN 1/4" PER FOOT FOR PIPING 3" DIA. AND UNDER.
 - HORIZONTAL DRAINAGE PIPING SHALL BE PITCHED NOT LESS THEN 1/8" PER FOOT FOR PIPING 4" DIA. AND OVER.
 - ALL EQUIPMENT DEVICES SHALL BE INSTALLED WITH UNIONS IN SUCH A MANNER TO FACILITATE EASY REMOVAL AND MAINTENANCE OF EQUIPMENT WITHOUT DISRUPTING SERVICE AND CAUSING MAJOR PIPING REVISIONS.
 - THE MAXIMUM LENGTH OF DEAD ENDS SHALL BE NO GREATER THAN TWO PIPE DIAMETERS FROM THE BRANC, RISE OR MAIN THAT IT IS CONNECTED TO.

PLUMBING FIXTURE SCHEDULE

- THE PLUMBING FIXTURE AND EQUIPMENT SCHEDULE, IN GENERAL, SPECIFIES THE PLUMBING FIXTURES, EQUIPMENT AND DEVICES; HOWEVER, UNLESS NOTED OTHERWISE, ALL FIXTURES SHALL BE PROVIDED WITH APPLICABLE ACCESSORIES (SUCH AS SUPPLY STOPS, WASTE TRAPS, FIXTURE MOUNTING SUPPORTS, BOLT CAPS, WATER CLOSURE SEATS, ETC., AS REQ'D TO COMPLETE THE INSTALLATION.)
- ALL ITEMS SPECIFIED HEREAFTER SHALL BE NEW, CLEANED AND ADJUSTED FOR THE SPECIFIED DESIGN PURPOSE (UNLESS OTHERWISE SPECIFIED).
- ALL EQUIPMENT AND DEVICES SHALL BEAR A G.A., N.S.F., ASME, C.S.A. OR U.L. APPROVED LABELS AND CERTIFICATIONS FOR THE SPECIFIED DESIGN PURPOSE.
- PLUMBING CONTRACTOR SHALL VERIFY IN FIELD WITH VA/CO ALL FINAL FIXTURE AND EQUIPMENT LOCATIONS AND MOUNTING HEIGHTS REQUIRED FOR THE DESIGN PURPOSE.
- SUBMIT, AS PER THE SPECIFICATIONS, THE NUMBER OF COPIES OF EACH CATALOG CUT, FOR EACH ITEM, TO BE APPROVED BY THE VA/CO (PRIOR TO THE BEGINNING OF CONSTRUCTION) FOR ALL NEW ITEMS SPECIFIED HEREAFTER.
- THE CONTRACTOR SHALL SUBMIT EQUIPMENT PRODUCT DATA FOR EACH PIECE OF EQUIPMENT PRIOR TO ORDERING. SUBMIT, AS PER THE SPECIFICATIONS, THE NUMBER OF COPIES FOR APPROVAL BY THE VA/CO. THIS CONTRACTOR SHALL ALSO ASSEMBLE PRINTED INSTRUCTIONS FOR THE OPERATION AND MAINTENANCE OF EACH ITEM INSTALLED AND BIND TOGETHER WITH EQUIPMENT CUTS AND CONTROL WIRING DIAGRAMS. DO NOT SUBMIT EQUIPMENT DATA FOR B.O.D. EQUIVALENCY SUBSTITUTION ITEMS UNTIL SUCH TIME AS THE B.O.D. PROTOCOLS PROCESS HAS BEEN COMPLETED AND THE SUBSTITUTION HAS BEEN APPROVED BY BOTH THE CO AND COR.
- SOME FIXTURES FURNISHED BY VA SHALL BE INSTALLED BY PLUMBING CONTRACTOR, ALL OTHER FIXTURES SHALL BE FURNISHED & INSTALLED BY PLUMBING CONTRACTOR.

DRAWING SYMBOLS



PLUMBING SYMBOL LIST

SYMBOL	DESCRIPTION
AE	ARCHITECT / ENGINEER
AP	ACCESS PANEL
A.O.R.	ARCHITECT OF RECORD
A.F.F.	ABOVE FINISH FLOOR
B.F.P.	BACKFLOW PREVENTOR
B.F.F.	BELOW FINISHED FLOOR
CI	CAST IRON (PIPE)
CO	CLEANOUT
CW	COLD WATER
CRP	CHEMICAL RESISTANT PIPE
GW	GREASE WASTE PIPE
HB	HOSE BIBB
HW	HOT WATER
105HW	140° HOT WATER
140HW	105° HOT WATER
HW/R	HOT WATER RETURN
105R	105° HOT WATER RETURN
140R	140° HOT WATER RETURN
DN	DOWN
E.O.R.	ENGINEER OF RECORD
EL	ELEVATION
(E)	EXISTING
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
GS	GLYCOL SUPPLY
GR	GLYCOL RETURN
LAV	LAVATORY
MB	MOP BASIN
G	NATURAL GAS
GV	NATURAL GAS VENT
SAN	SANITARY
S	SOIL
SK	SINK
SH	SHOWER
TD	TRENCH DRAIN
TYP.	TYPICAL
105TWC	TEMPERED WATER CIRCULATION RETURN
V	VENT
W.C.	WATER CLOSET
WHA	WATER HAMMER ARRESTER
WCO	WALL CLEANOUT
—	EXISTING PIPING TO BE DEMOLISHED
—	COLD WATER PIPING
—	HOT WATER PIPING
—	HOT WATER RETURN PIPING
—	VENT
—	RISER DOWN
—	RISER UP
—	REDUCER OR INCREASER
—	TOP CONNECTION, 45° OR 90°
—	BOTTOM CONNECTION, 45° OR 90°
—	SIDE CONNECTION
—	CAPPED OUTLET
—	STRAINER
FCO	FLOOR CLEAN OUT
—	WALL CLEAN OUT
—	POINT OF CONNECTION (TO EXISTING)
—	POINT OF DEMOLITION (OF EXISTING)
—	DIELECTRIC UNION
—	SHUT-OFF VALVE
—	BUTTERFLY VALVE
—	BALL VALVE
—	CHECK VALVE (DIRECTION OF FLOW)
—	THERMOSTATIC VALVE (HOT WATER RETURN)
—	TEMPERATURE/PRESSURE BALANCING MIXING VALVE
—	PRESSURE REDUCING VALVE
—	PLUMBING EQUIPMENT TAG
—	KITCHEN EQUIPMENT TAG

6	ISSUE FOR BID	06/02/23
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4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: RAED HAMID
Signature: RAED HAMID
Date: 06-01-2023 License # 57090

ARCHITECT/ENGINEER OF RECORD

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BAE PROJECT NO: 18-116

APPROVED PROJECT GDR	DATE:	APPROVED SERVICE LINE DIRECTOR	DATE:	APPROVED INFECTION CONTROL NURSE	DATE:
APPROVED GENS PROJECT MANAGER	DATE:	APPROVED PATIENT SAFETY	DATE:	APPROVED ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED PROJECTS SECTION MANAGER	DATE:	APPROVED CHIEF OF POLICE	DATE:	APPROVED CHIEF OF STAFF	DATE:
APPROVED DIRECTOR PMS	DATE:	APPROVED SAFETY MANAGER	DATE:	APPROVED HEALTH CARE SYSTEM DIRECTOR	DATE:

PROJECT TITLE PLUMBING - GENERAL NOTES, LEGEND, + ABBREVIATIONS	DATE 06/02/2023
PROJECT TITLE CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS	PROJECT SCALE PL01
BUILDING NO. 50	CHECKED BY JK MK
DRAWING NO. PO01	DWG. OF
LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303	

VA

U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

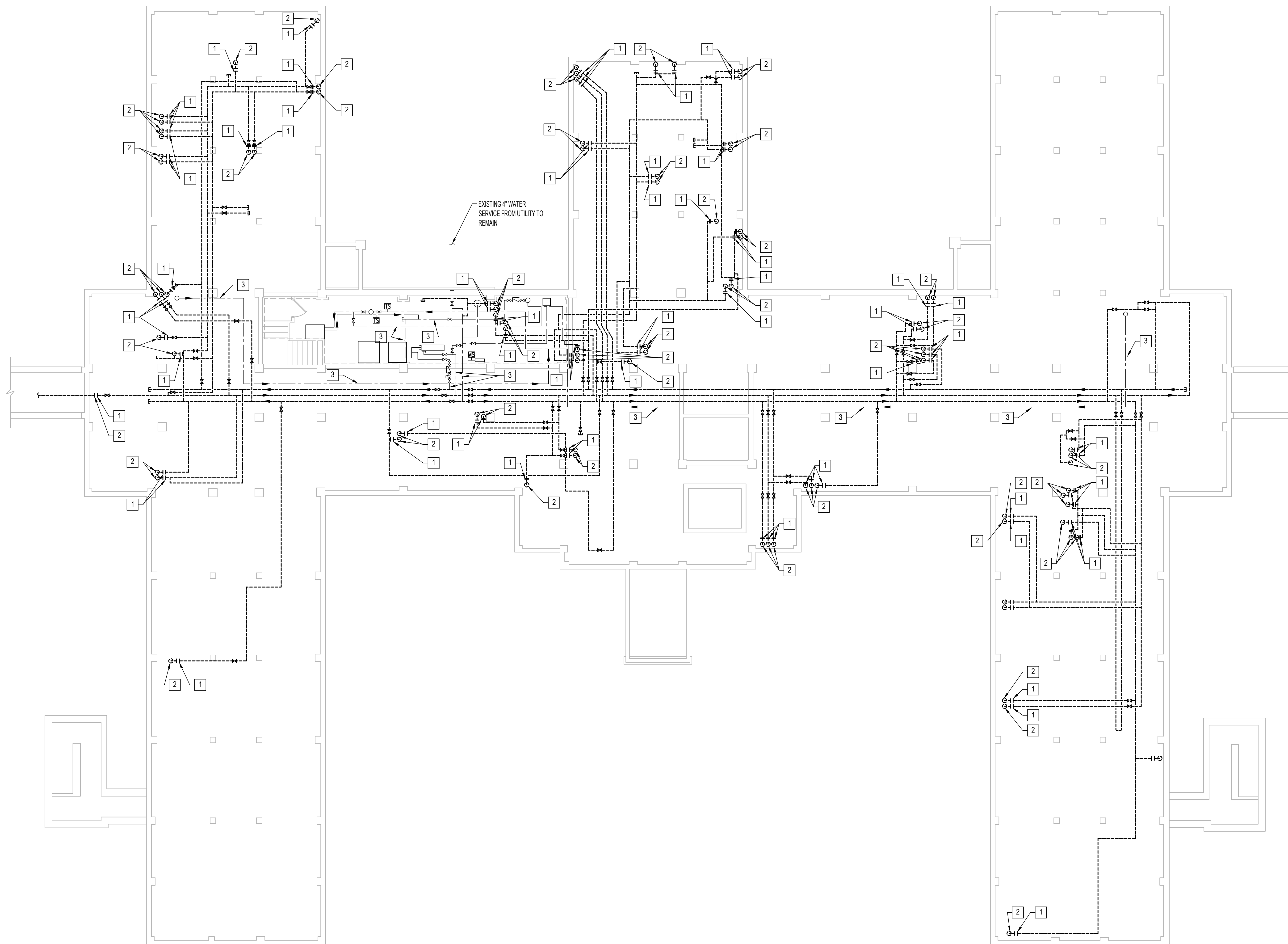
06/02/2023 - ISSUE FOR BID

PLUMBING DEMOLITION GENERAL NOTES

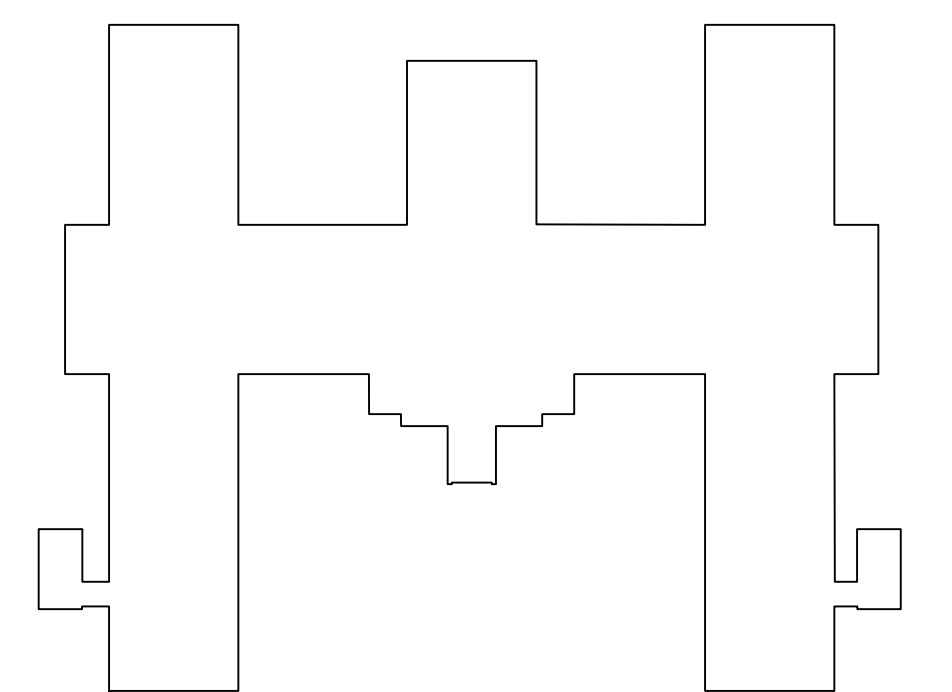
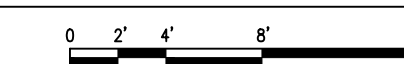
- A. PROJECT AREA MAY CONTAIN CONCEALED AREAS OF ACM PIPING INSULATION. DEMOLITION CONTRACTOR SHALL TAKE CARE DURING WORK AND NOT TO DISTURB ASBESTOS PIPE INSULATION. ALL INSULATION THAT IS NOT CORK, FOAM OR FIBERGLASS SHOULD BE ASSUMED TO BE ASBESTOS CONTAINING. IF ANY MATERIAL IS FOUND DURING DEMOLITION, CONTRACTOR TO NOTIFY COR IMMEDIATELY. ANY ASBESTOS MATERIAL FOUND IS THE RESPONSIBILITY OF THE CONTRACTOR TO TEST AND DISPOSE OF APPROPRIATELY. CONTRACTOR TO COORDINATE TESTING AND REMOVAL WITH THE COR.
- B. ALL WORK IMPACTING FIRST FLOOR SHALL BE DONE OFF-HOURS TO MINIMIZE SHUT DOWN OF THIS AREA.
- C. ALL ASSOCIATED PIPING INCLUDING BUT IS NOT LIMITED TO THE FOLLOWING SYSTEMS: CW, HW, HWR, SANITARY, AND VENT PIPING.
- D. ALL DOMESTIC PIPING BEING DEMOLISHED TO MAIN SHALL BE CAPPED AT 1.5X THE DIAMETER OF THE BRANCH PIPING. NO DEAD END OR STUBS ARE ALLOWED IN DOMESTIC WATER PIPING. ALL DEAD END PIPING MUST BE CAPPED.
- E. REMOVE ALL ASSOCIATED CLAMPS, HANGERS, SUPPORTS, ETC. ASSOCIATED WITH PIPING REMOVAL.
- F. COORDINATE ALL PLUMBING SERVICE OUTAGES WITH VA COR.
- G. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET EXCEED FORMER CONDITIONS.
- H. PATCH AND FILL CONCRETE SLAB WHERE DOMESTIC PIPING, VENT, AND SANITARY PIPING HAS BEEN REMOVED.
- I. GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILINGS, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS.
- J. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS. EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
- K. AREA OF WORK WHERE EXISTING CEILINGS ARE TO BE REMOVED AND NEW FINISH CEILING TO BE INSTALLED; ALL EXISTING CEILING MOUNTED ITEMS SHALL BE REMOVED, STORED AND REINSTALLED IN SAME LOCATION.

X PLUMBING DEMOLITION KEY NOTES

- 1. DEMO AND REMOVE EXISTING COLD WATER (CW), HOT WATER (HW), AND HOT WATER CIRCULATION (HWC) PIPING BACK IN CRAWL SPACE TO MAIN DISTRIBUTION RUNS IN CRAWL SPACE. EXISTING PIPING TO REMAIN SHALL BE LEFT WITH A CLEAN POINT OF CONNECTION FOR NEW PIPING TO BE INSTALLED UNDER THIS PROJECT.
- 2. DEMO AND REMOVE PIPING UP TO 12" ABOVE FINISHED FLOOR AT THE BASEMENT LEVEL. LEAVE EXISTING PIPING TO REMAIN WITH A CLEAN POINT OF CONNECTION FOR NEW PIPING IN THIS PROJECT.
- 3. EXISTING PIPING TO REMAIN WITH CLEAN POINT OF CONNECTION. (SEE KEYNOTE #4, BELOW).
- 4. FOR REFERENCE OF EXISTING PIPING TO REMAIN, SEE VA PROJECT #656-16-284, "INSTALL LEGIONELLA PREVENTION" JANUARY 8, 2021, SHEET 50-PL10U AND ASSOCIATED WORK.
- 5. PHASING OF THIS WORK:
 - a. INSTALLATION OF NEW PIPING DISTRIBUTION SYSTEMS WITHIN THE PROJECT AREA FROM PROJECTED POINT OF CONNECTION TO MAIN DISTRIBUTION PIPING SYSTEMS TO THE PROJECTED POINT OF CONNECTION TO EACH BRANCH OR SYSTEM THROUGH THE BASEMENT FLOOR.
 - b. DEMO AND REMOVE EXISTING PIPING SYSTEM AND BRANCHES SHALL BE COORDINATED WITH THE CONNECTION OF THE NEW PIPING SYSTEMS AT EACH POINT.



1 PLUMBING - SUB-BASEMENT - DEMOLITION PLAN
1/8"=1'-0"



KEY PLAN BUILDING 50
NTS

06/02/2023 - ISSUE FOR BID

6	ISSUE FOR BID	06/02/23
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4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: **RAED HAMID**
Signature: *Raed Hamid*
Date: **06-01-2023** License # **57080**

ARCHITECT/ENGINEER OF RECORD

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BAE PROJECT NO. 18-116

APPROVED PROJECT COR	DATE:	APPROVED SERVICE LINE DIRECTOR	DATE:	APPROVED INFECTION CONTROL NURSE	DATE:
APPROVED GENR PROJECT MANAGER	DATE:	APPROVED PATIENT SAFETY	DATE:	APPROVED ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	DATE:
APPROVED PROJECTS SECTION MANAGER	DATE:	APPROVED CHIEF OF POLICE	DATE:	APPROVED CHIEF OF STAFF	DATE:
APPROVED DIRECTOR PMS	DATE:	APPROVED SAFETY MANAGER	DATE:	APPROVED HEALTH CARE SYSTEM DIRECTOR	DATE:

DRAWING TITLE PLUMBING - SUB-BASEMENT - DEMOLITION PLAN		DATE: 06/02/2023
PROJECT TITLE CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS		PILOT SCALE
DATE:		PROJECT NO. 656-19-309
BUILDING NO. 50	DRAWN BY DA	DRAWING NO. PD100
LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303	DATE:	DWG. OF

VA

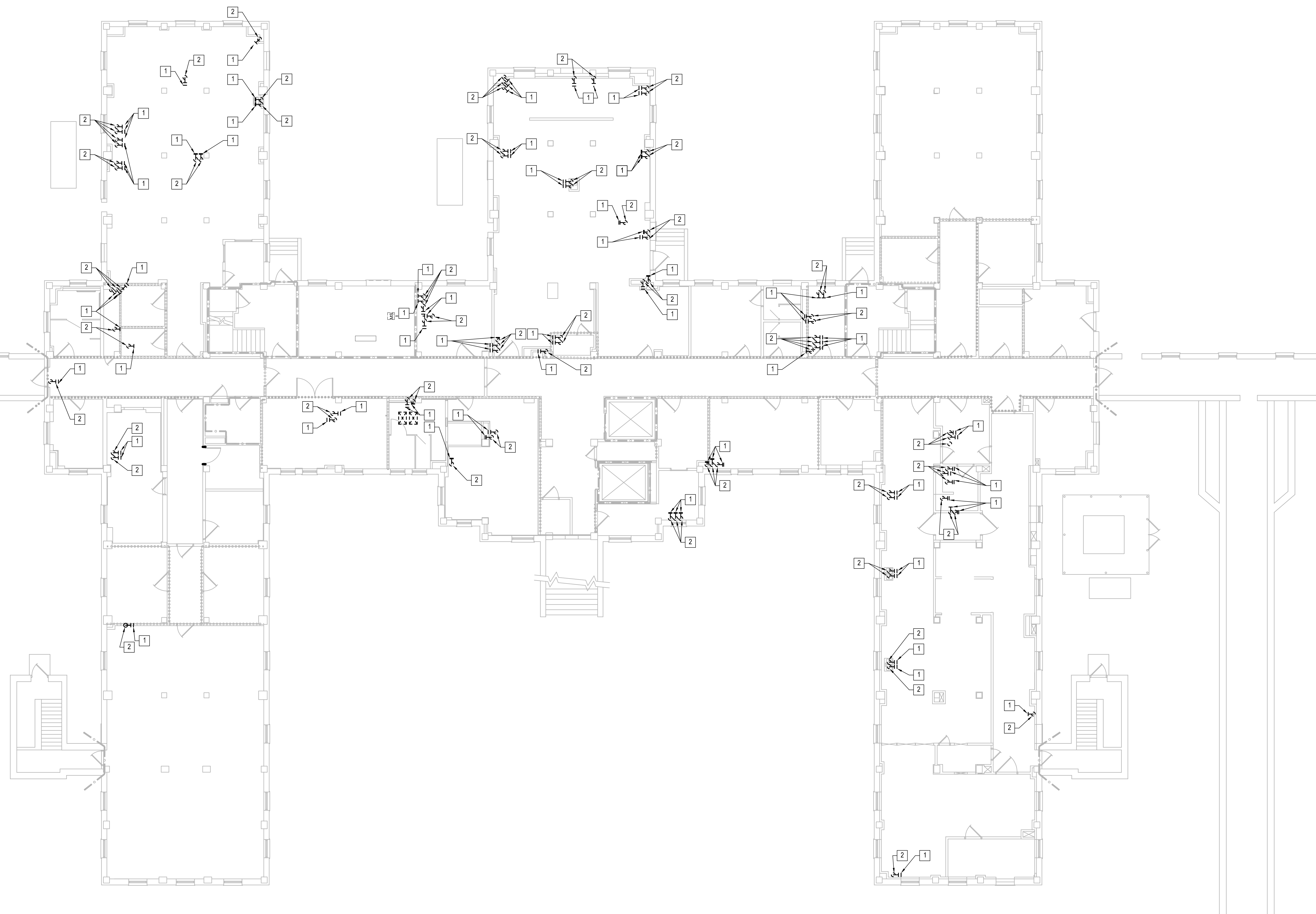
U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

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- B. ALL WORK IMPACTING FIFTH FLOOR SHALL BE DONE OFF-HOURS TO MINIMIZE SHUT DOWN OF THIS AREA.
- C. ALL ASSOCIATED PIPING INCLUDING BUT IS NOT LIMITED TO THE FOLLOWING SYSTEMS: CW, HW, HWR, SANITARY, AND VENT PIPING.
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PLUMBING DEMOLITION KEY NOTES

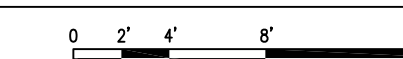
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NORTH



1 PLUMBING - BASEMENT - DEMOLITION PLAN
1/8"=1'-0"



06/02/2023 - ISSUE FOR BID - NOT FOR CONSTRUCTION

No.	REVISION	DATE
6	ISSUE FOR BID	06/02/23
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2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/28/20

APPROVED PROJECT GDR	DATE	APPROVED SERVICE LINE DIRECTOR	DATE	APPROVED INFECTION CONTROL NURSE	DATE	DRAWING TITLE	DATE
						PLUMBING - BASEMENT - DEMOLITION PLAN	06/02/2023
						PROJECT TITLE	06/02/2023
						CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS	06/02/2023
						PROJECT NO.	656-19-309
						DRAWING NO.	FD01
						LOCATION	ST. CLOUD VAHCS ST. CLOUD, MN 56303
						DATE	06/02/23

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: **RAED HAMID**
Signature: *Raed Hamid*
Date: **06-01-2023** License # **57080**

ARCHITECT/ENGINEER OF RECORD

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APPROVED DIRECTOR TRS	DATE	APPROVED SAFETY MANAGER	DATE	APPROVED HEALTH CARE SYSTEM DIRECTOR	DATE

BUILDING NO.	DESIGNED BY	DRAWN	DRAWING NO.
50	JK	MK	FD01
LOCATION	ST. CLOUD VAHCS	ST. CLOUD, MN 56303	DATE
			06/02/23

VA

U.S. Department of Veterans Affairs

Veterans Health Administration
St. Cloud VA Health Care System