

4/8/2025 3:19 PM 2024-2 2:18pm STB Pro-Users\3645-2-4 - M48C - Laundry Renovation\2024\Drawings\0001_Code.dwg

A

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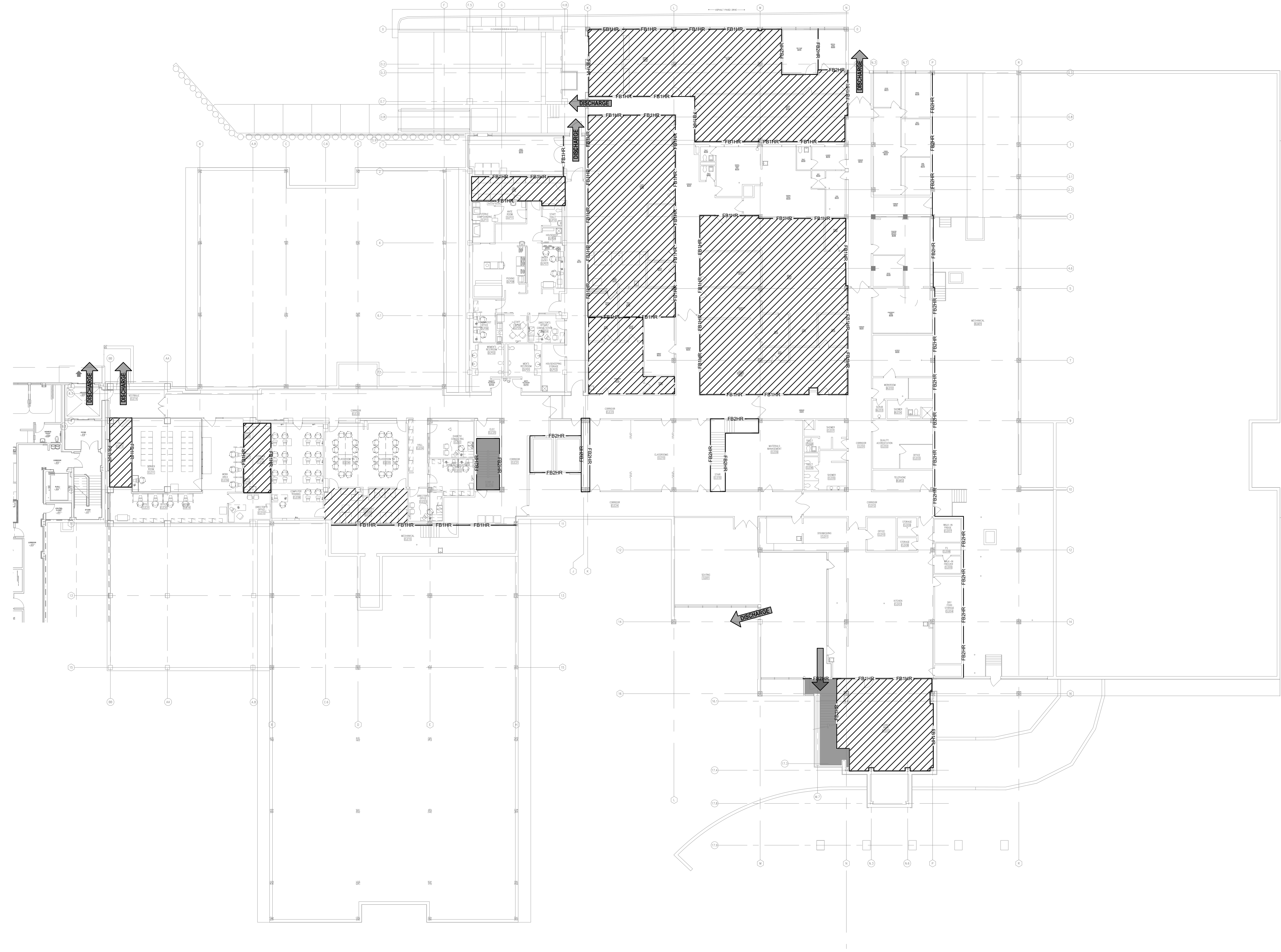
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1
G001 CODE PLAN
SCALE: 1/16" = 1'-0"
0 5 10'

CODE ANALYSIS

Authority Having Jurisdiction: State of Wyoming Department of Health
Wyoming State Fire Marshal
City of Rock Springs, Wyoming (Electrical Only)

Applicable Codes: 2006 NFPA 101: Life Safety Code
2005 NFPA 99: Standard for Health Care Facilities
2006 FGI: Guidelines for Design and Construction of Health Care Facilities
2006 International Building Code
2006 International Fuel Gas Code
2006 International Mechanical Code
2006 International Plumbing Code
2006 International Fire Code
2017 National Electrical Code
2009 ICC/ANSI A117.1 Accessibility Standard Americans with Disabilities Act

Project Description:
The project consists of new central station air handling unit and dedicated outdoor air handling unit to be roof mounted inside new weathertight and conditioned architectural penthouse enclosure, complete with stair access. Penthouse to be approx. 50' x 60' based on existing column placement. Inside clear height to be 20'. Wall closure will include considerable louver elements, but will not require 100% louvers.
The stair access will be within a 2 hr rated fire assembly and all existing smoke compartments will remain intact. All Life Safety Systems, Lighting, Power and Data and ventilation will be updated as required to accommodate the changes within the scope of the project.

Building Height: Existing: Basement + 1 Story Above Grade
Existing Hospital Level One: 15'-4" above grade
Proposed: Basement (no change), 1 Story Above Grade (no change) + Penthouse
New Proposed Penthouse: 40'-0"

Scope of Work Area: Laundry: 1,425 SF
N clean linen: 430 SF
Adjacent spaces for duct to exterior: 550 SF

Occupancy Type: B, Business occupancy only on Basement level

Construction Type: I-A

Occupant Load (Scope of Work Only): Clean linen: 4,300 gross
Occupant Load for Laundry = 6

Fire Protection: Fully Sprinklered

Exit Access Travel Distance: 200 FT MAX (Fully Sprinklered) Table 1016.1
Common Path of Travel: 75 FT MAX (Fully Sprinklered) Section 1014.3

NOTE: REFER TO SHEETS G-002 & G-003 FOR AS-BUILT LEVEL 1 AND ROOF & PENTHOUSE LIFE SAFETY DRAWINGS. PROVIDED FOR REFERENCE ONLY.

EXIT ACCESS TRAVEL DISTANCE

PATH STARTING POINT	TRAVEL DISTANCE	DISTANCE
COMMON PATH TO A / B	Travel Distance	7'
COMMON PATH TO C / D	Travel Distance	33'
PATH A	Travel Distance	42'
PATH B	Travel Distance	114'
PATH C	Travel Distance	19'
PATH D	Travel Distance	66'

LEGEND

— FB1HR — FIRE BARRIER 1 HOUR
— FB2HR — FIRE BARRIER 2 HOUR
HAZARDOUS AREA
EXIT STAIR
EXIT
DISCHARGE EXIT DISCHARGE

STAMP



ST+B
ENGINEERING
HTTP://STB.ENGINEERING 25185 GENESEE TRAIL, RD SUITE 100
GOLDEN, CO 80401

R4
PLAN

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**MEMORIAL HOSPITAL OF
SWEETWATER COUNTY
LAUNDRY RENOVATION**
1200 COLLEGE DRIVE,
ROCK SPRINGS, WY 82901

ST-B PROJECT NO.: 2645.24

NO	SUBMISSION	DATE
1	HLS MINOR PROJECTS SUBMITTAL	02/13/26
2	PERMIT	04/09/26
3	ISSUE FOR BID	6/1/2026

SHEET NAME
CODE PLAN

SHEET NO.
G001

4/8/2025 3:22 PM 2024-03-21 2:18pm STB Projects\2645-2-4 - H48C - Laundry Renovation\2024\Drawings\0002_Infecion.dwg

2024-03-21 2:18pm STB Projects\2645-2-4 - H48C - Laundry Renovation\2024\Drawings\0002_Infecion.dwg

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1
G002 INFECTION CONTROL PLAN
SCALE: 1/16" = 1'-0"
0 5 10'

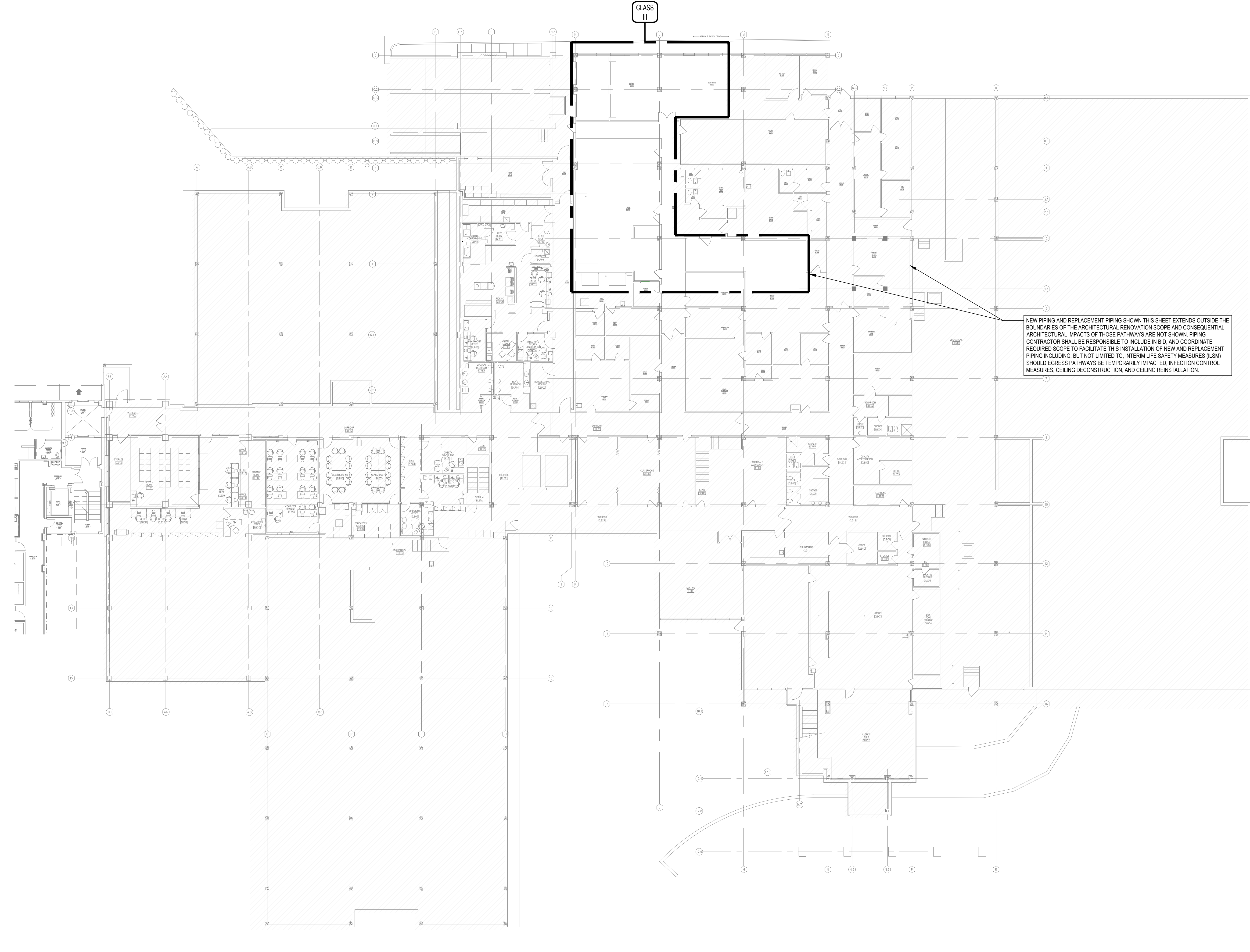
STEP 3 Match Patient Risk Group (Low, Medium, High, Highest) w/ the planned Construction Project Type (A, B, C, D) to determine the Class of Precautions (I, II, III, IV)				
Patient Risk Group	Construction Project Activity Type			
	TYPE A	TYPE B	TYPE C	TYPE D
LOW Risk Group	I	II	II	III/IV
MEDIUM Risk Group	I	II	III	IV
HIGH Risk Group	I	II	III/IV	IV
HIGHEST Risk Group	II	III/IV	III/IV	IV

STEP 2 - Identify Patient Risk Groups that will be Affected.			
Low Risk	Medium Risk	High Risk	Highest Risk
- Office areas - Storage Rooms - Unoccupied Wards - Mechanical Rooms - Electrical Rooms	- Cardiology - Echocardiography - Endoscopy - Nuclear Medicine - Physical Therapy - Radiology/MRI - Respiratory Therapy	- CCU - Emergency Room - Labor & Delivery - Laboratories (specimen) - Newborn Nursery - Outpatient Surgery - Pediatrics - Pharmacy - Post Anesthesia Care Unit - Surgical Units	- Any area caring for immunocompromised patients - Burn Unit - Cardiac Cath Lab - Central Sterile Supply - Intensive Care Units - Medical Unit - Negative Pressure isolation rooms - Oncology - Operating rooms including C-section rooms

STEP 1 - Identify TYPE of Construction Project Activity (Type A to D)	
TYPE A	Inspection and Non-Invasive Activities. Includes, but is not limited to: - Removal of ceiling tiles for visual inspection limited to 1 tile per 50 square feet. - Painting (but not sanding) - Wall covering, electrical trim work, minor plumbing, and activities which do not generate dust or require cutting of walls or access to ceilings other than for visual inspection.
TYPE B	Small scale, short duration activities which create minimal dust. Includes, but is not limited to: - Installation of telephone and computer cabling. - Access to chase spaces. - Cutting of walls or ceilings where dust migration can be controlled.
TYPE C	Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies. Includes, but is not limited to: - Sanding of walls for painting or wall covering - Removal of floor coverings, ceiling tiles and casework - New wall construction - Minor ductwork or electrical work above ceilings - Major cabling activities - Any activity which cannot be completed within a single workshift.
TYPE D	Major demolition, renovation and construction projects Includes, but is not limited to: - Activities which require consecutive work shifts - Requires heavy demolition or removal of a complete cabling system - New construction

DESCRIPTION of Req' Infection Control Precautions by Project Class		
	During Construction Project	After Construction Project
CLASS I	- Execute work by methods to minimize raising dust from construction operations. - Immediately replace a ceiling tile displaced for visual inspection.	Clean work area upon completion or task.
CLASS II	- Provide active means to prevent airborne dust from dispersing into atmosphere. - Water mist work surfaces to control dust while cutting. - Seal unused doors with duct tape. - Block off and seal air vents. - Place dust mat at entrance and exit of work area. - Remove or isolate HVAC system in areas where work is being performed.	- Wipe work surface with disinfectant. - Contain construction waste before transport in tightly covered containers. - Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area. - Remove isolation of HVAC system in areas where work is being performed.
CLASS III	- Remove or isolate HVAC system in area where work is being done to prevent contamination of duct system. - Complete all critical barriers i.e. sheetrock, plywood, 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. - Maintain negative air pressure within work site utilizing HEPA equipped air filtration units, contain construction waste before transport in tightly covered containers. - Cover transport receptacles or carts, tape covering unless solid lid.	- Do not remove barriers from work area until completed project is inspected by the Owner's Safety Department and Infection Control Department and thoroughly cleaned by the Owner's Environmental Services Department. - Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. - Vacuum work area with HEPA filtered vacuums. - Wet mop area with disinfectant. - Remove isolation of HVAC systems in areas where work is being performed.
CLASS IV	- Isolate HVAC system in area where work is being done to prevent contamination of duct system. - Complete all critical barriers i.e. sheetrock, plywood, 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. - Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. - Seal holes, pipes, conduits and punctures appropriately. - Construct anteroom and require all personnel to pass through this room so they can be vacuumed using HEPA vacuum cleaner before leaving work site or they can wear cloth or paper coveralls that are removed each time they leave work site. - All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area. - Do not remove barriers from work area until completed project is inspected by the Owner's Safety Department and Infection Control Department and thoroughly cleaned by the Owner's Environmental Services Department.	- Remove barrier 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. - Vacuum work area with HEPA filtered vacuums. - Wet mop area with disinfectant. - Remove isolation of HVAC system in areas where work is being performed.

GENERAL NOTES:
1. THIS SHEET DEPICTS THE INFECTION CONTROL RISK ASSESSMENT OF CONSTRUCTION PROJECT TYPE IN ACCORDANCE WITH INDUSTRY ACCEPTED MATRIX OF PRECAUTIONS FOR CONSTRUCTION AND RENOVATION AS ADAPTED FROM Y KENNEDY, B BARNARD OF ST LUKE EPISCOPAL HOSPITAL, HOUSTON, TX AND FAIRVIEW UNIVERSITY MEDICAL CENTER, MINNEAPOLIS, MN.



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Memorial Hospital
OF SWEETWATER COUNTY

MEMORIAL HOSPITAL OF SWEETWATER COUNTRY
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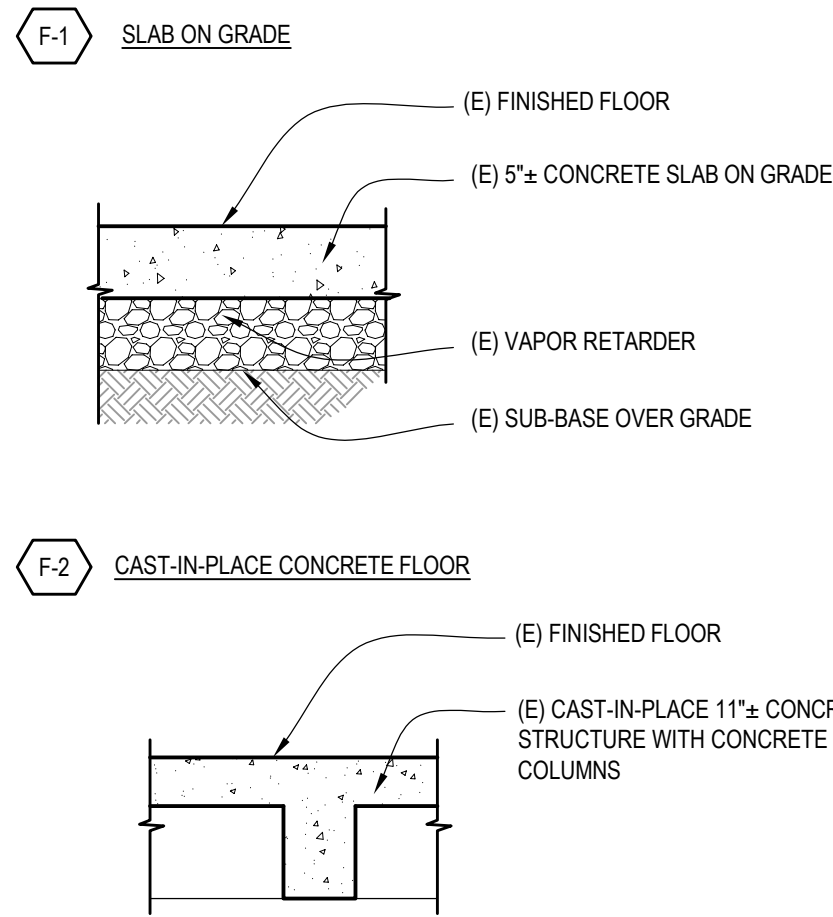
ST-B PROJECT NO.: 2645.24

NO	SUBMISSION	DATE
1	HLS MINOR PROJECTS SUBMITTAL	02/13/26
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3	ISSUE FOR BID	6/11/2025

SHEET NAME
INFECTION CONTROL PLAN

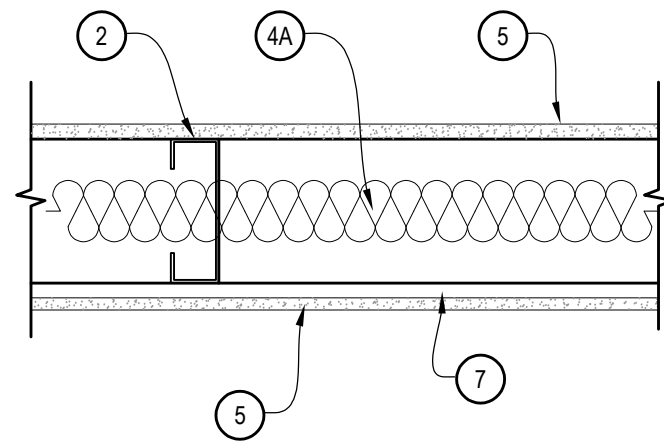
SHEET NO.
G002

FLOOR/CEILING ASSEMBLIES



RATED ASSEMBLIES

UL DESIGN NO. U419



- 1. FLOOR, SIDE AND CEILING RUNNERS - (NOT SHOWN) - FOR USE WITH ITEM 2 - CHANNEL SHAPED, FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN DEPTH TO ACCOMMODATE STUD SIZE, WITH MIN 1-1/4 IN. LONG LEGS, ATTACHED TO FLOOR AND CEILING WITH FASTENERS 24 IN. OC MAX.
- 2. STEEL STUDS - CHANNEL SHAPED, FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN DEPTH AS INDICATED UNDER ITEM 5, SPACED A MAX OF 24 IN. O.C. STUDS TO BE CUT 3/8 TO 3/4 IN. LESS THAN ASSEMBLY HEIGHT.
- 4A. BATTS AND BLANKETS* - (OPTIONAL) - PLACED IN STUD CAVITIES, ANY GLASS FIBER OR MINERAL WOOL INSULATION BEARING THE UL CLASSIFICATION MARKING AS TO SURFACE BURNING CHARACTERISTICS AND/OR FIRE RESISTANCE. SEE BATTS AND BLANKETS (BIB) OR (B2) CATEGORIES FOR NAMES OF CLASSIFIED COMPANIES.
- 5. GYPSUM BOARD - GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY, VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS, VERTICAL JOINTS IN ADJACENT LAYERS (MULTILAYER SYSTEMS) STAGGERED ONE STUD CAVITY. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS IN ADJACENT LAYERS (MULTILAYER SYSTEMS) STAGGERED A MIN OF 12 IN. THE THICKNESS AND NUMBER OF LAYERS FOR THE 1 HR, 2 HR, 3 HR AND 4 HR RATINGS ARE AS FOLLOWS:

GYPSUM BOARD PROTECTION ON EACH SIDE OF WALL	MIN STUD DEPTH, IN.	NO. OF LAYERS & THICKNESS OF PANEL	MIN. THICKNESS OF INSULATION
1	3-1/2	1 LAYER, 5/8 IN. THICK	OPTIONAL

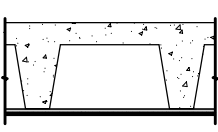
CGC INC. - 5/8 IN. THICK TYPE AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, OR WRC
UNITED STATES GYPSUM CO. - 5/8 IN. TYPE SCX, SGX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR
USG MEXICO S A DE C V - 5/8 IN. TYPE AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC

- 6. FASTENERS - (NOT SHOWN) - TYPE S OR S-12 STEEL SCREWS USED TO ATTACH PANELS TO STUDS (ITEM 2) OR FURRING CHANNELS (ITEM 7), SINGLE LAYER SYSTEMS: 1 IN. LONG FOR 5/8 IN. THICK PANELS, SPACED 8 IN. OC WHEN PANELS ARE APPLIED HORIZONTALLY, OR 8 IN. O.C. ALONG VERTICAL AND BOTTOM EDGES AND 12 IN. O.C. IN THE FIELD WHEN PANELS ARE APPLIED VERTICALLY.
- 7. FURRING CHANNELS - (OPTIONAL FOR SINGLE LAYER SYSTEM) - RESILIENT FURRING CHANNELS FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, SPACED VERTICALLY A MAX OF 24 IN. OC, FLANGE PORTION ATTACHED TO EACH INTERSECTING STUD WITH 1/2 IN. LONG TYPE S-12 STEEL SCREWS.
- 8. JOINT TAPE AND COMPOUND - VINYL OR CASEIN, DRY OR PREMIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS OF OUTER LAYERS. PAPER TAPE, NOM 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS OF OUTER LAYER PANELS. PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM PANELS ARE SUPPLIED WITH A SQUARE EDGE.
- 10. CAULKING AND SEALANTS* - (OPTIONAL, NOT SHOWN) - A BEAD OF ACOUSTICAL SEALANT APPLIED AROUND THE PARTITION PERIMETER FOR SOUND CONTROL.

UNITED STATES GYPSUM CO. - TYPE AS

* BEARING THE UL CLASSIFICATION MARK

GA FILE NO. FC 2120



- CONCRETE SLAB, JOIST(S), GYPSUM WALLBOARD
- GENERIC, 2 HOUR FIRE APPROX. CEILING WEIGHT: 3 PSF(FIRE)
FIRE TEST: PCA 1281-1, 10-67
- FIRE DESIGN:
ONE LAYER 5/8" TYPE "X" GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO RIGID ANGLES TO RIGID FURRING CHANNELS 24" O.C. WITH 1" TYPE S SCREWS 8" O.C. GYPSUM BOARD END JOINTS LOCATED OVER CONTINUOUS CHANNELS AND ATTACHED TO ADDITIONAL PIECES OF CHANNEL 54" LONG LOCATED MIDWAY BETWEEN CONTINUOUS CHANNELS AT END JOINTS. FURRING CHANNELS 24" O.C. SUSPENDED FROM S-12 PRECAST REINFORCED CONCRETE JOISTS 35" O.C. WITH 21 GA. GALVANIZED STEEL HANGER STRAPS FASTENED TO SIDES OF JOISTS, JOIST LEG DEPTH, 10".

WALL TYPES GENERAL NOTES

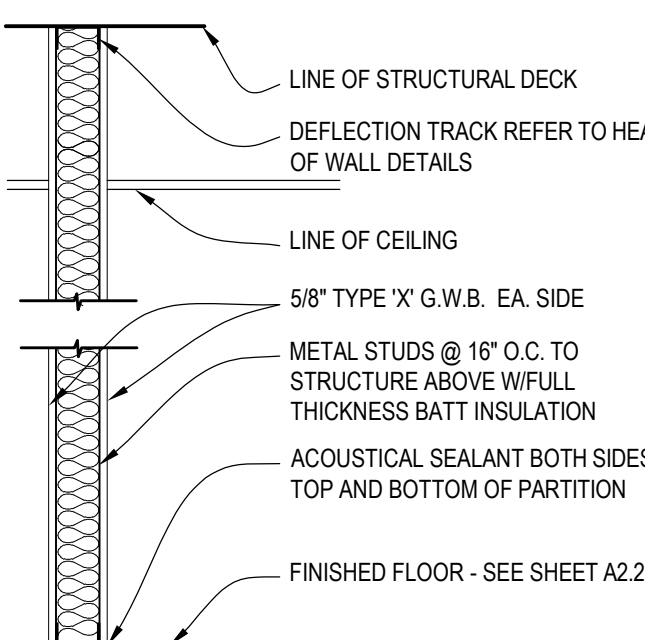
- WALL & PARTITION TYPES ARE REFERENCED BY A WALL & PARTITION TYPE SYMBOL.
- WALL & PARTITION TYPES ARE DEFINED FOR EACH CONDITION IN THE PROJECT. CONSTRUCTION COMPONENTS INDICATED ARE THE MINIMUM THAT WILL BE ACCEPTED FOR EACH SPECIFIC WALL, PARTITION TYPE. SEE THE SPECIFICATIONS FOR ADDITIONAL INFORMATION, INCLUDING BUT NOT LIMITED TO STUD FLANGE WIDTHS, INTERIOR AND EXTERIOR HEADER AND JAMB STUD DESIGN, DETAILING REQUIREMENTS, ETC. ADJUST GAUGE AND SPACING OF STUDS FOR TALL AND/OR EXTERIOR WALLS, OR OTHER SPECIAL CONDITIONS AS OUTLINED IN THE DRAWINGS AND SPECIFICATIONS.
- ACOUSTICAL BATT INSULATION SHALL BE AS SPECIFIED UNLESS OTHERWISE NOTED ON THIS SCHEDULE AT ALL PARTITIONS PENETRATIONS ACOUSTICALLY SEALED.
- "GWB" (GYPSUM WALL BOARD) IS USED GENERICALLY IN THE WALL & PARTITION TYPE SCHEDULE AND REPRESENTS A VARIETY OF GYPSUM AND CEMENTITIOUS BOARD PRODUCTS. THESE INCLUDE THE FOLLOWING AND THEIR FIRE RATED COUNTERPARTS AS SPECIFIED:
 - (TYPE-X) SHALL BE FIRE-RATED TYPE-X GYPSUM WALLBOARD CONSISTING OF A SPECIALLY TREATED PAPER FACE AND GYPSUM CORE PANEL AT ALL FIRE RATED WALL ASSEMBLIES, ALL LOCATIONS, U.N.O.
- WALLS & PARTITIONS ARE DIMENSIONED ON THE PLANS TO FACE OF FRAMING AT NEW CONSTRUCTION AND FACE OF EXISTING FINISH AT EXISTING UNLESS SHOWN OTHERWISE. WALLS & PARTITIONS NOT DIMENSIONED ARE LOCATED BY COLUMN CENTERLINE, WINDOW MULLION OR OTHER SUCH OBVIOUS REGULATOR. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WALL AND PARTITION LAYOUTS.
- DIFFERING WALL & PARTITION TYPES SHALL ALIGN SO WALL PLANES CONTINUE UNBROKEN WITHIN ROOMS AND ADJACENT FACE OF FINISHES ALIGN UNLESS OTHERWISE INDICATED.
- UNBALANCED STUD WALL & PARTITION TYPES SHALL HAVE THE SIDE WITH THE LARGEST NUMBER OF GWB LAYERS LOCATED ON THE SAME SIDE OF THE PARTITION AS THE WALL TAG IS SHOWN IN THE PLANS. UNBALANCED WALL & PARTITION TYPES SHALL ALIGN SO WALL PLANES CONTINUE UNBROKEN WITH ROOMS AND ADJACENT FACES UNLESS OTHERWISE NOTED.
- TYPICAL WALL AND PARTITION FRAMING, FACING AND INSULATION SHALL EXTEND FULL HEIGHT TO UNDERSIDE OF FLOOR DECK OR ROOF DECK STRUCTURE ABOVE AT CORRIDOR AND OTHER RATED ASSEMBLIES, AND 4" ABOVE CEILING UNLESS NOTED OTHERWISE.
- FIRE TEST AND SOUND TEST NUMBERS ARE BASED ON PUBLISHED STANDARDS FROM THE FOLLOWING CODES AND ASSOCIATIONS: (IBC) INTERNATIONAL BUILDING CODE, TABLE 7-B, RATED FIRE RESISTIVE PERIODS FOR VARIOUS WALLS AND PARTITIONS, (UL) UNDERWRITERS LABORATORIES, FIRE RESISTANCE DIRECTORY FOR WALLS AND PARTITIONS.
- BLOCKING: PROVIDE AND INSTALL SOLID BLOCKING OR BACKING FOR WALL AND CEILING MOUNTED ITEMS IN ACCORDANCE WITH THE SPECIFICATIONS & DETAILS ON SHEET A105.
- CONTROL JOINTS AT FRAMED WALLS AND PARTITIONS: AT STRUCTURAL COLUMNS AND AT LOCATIONS INDICATED IN SPECIFICATIONS - MATCH EXISTING CONDITIONS.
- INFILL WALLS: ALIGN BOTH FINISH FACES OF INFILL WALL WITH EXISTING ADJACENT WALL.
- ACOUSTICAL OUTLET BACKER PADS: IN WALLS WITH NOTED STC AND FIRE RATINGS, INSTALL BACKER PADS BEHIND OUTLET BOXES PER DIV 26.

INTERIOR WALL TYPES

TYPE	STUD SIZE/SPACING
A1	3 5/8" METAL STUDS
A2	3 5/8" METAL STUDS TO 4" ABOVE CEILING
A3	(E) 6" METAL STUDS

FIRE RATING:	NON-RATED*
ASSEMBLY:	GA ASSEMBLY
MINIMUM STC:	49

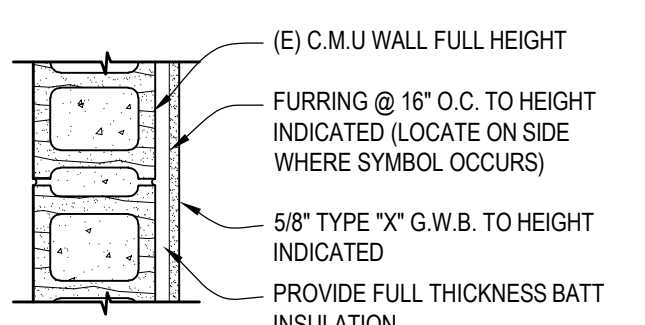
* SMOKE SEALED WHERE INDICATED



TYPE	STUD SIZE/SPACING
C1	(E) CMU
C2	(E) CMU WITH 7/8" HAT CHANNEL (FULL HEIGHT)
C3	(E) CMU WITH 3-5/8" METAL STUD WITH BATT INSULATION (FULL HEIGHT)

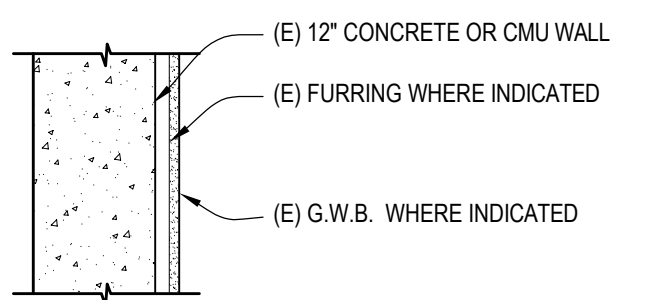
FIRE RATING:	(E) RATED*
ASSEMBLY:	-
MINIMUM STC:	-

* SMOKE SEALED WHERE INDICATED - SEE WALL LEGEND AND FLOOR PLANS FOR LOCATIONS, FIELD VERIFY WITH EXISTING CONDITIONS



TYPE	STUD SIZE/SPACING
E1	(E) EIFS OVER EXTERIOR CMU BLOCK WALL
E2	(E) 12" CONCRETE WITH FURRING AT INTERIOR FACE

FIRE RATING:	(E) RATED*
ASSEMBLY:	-
MINIMUM STC:	-



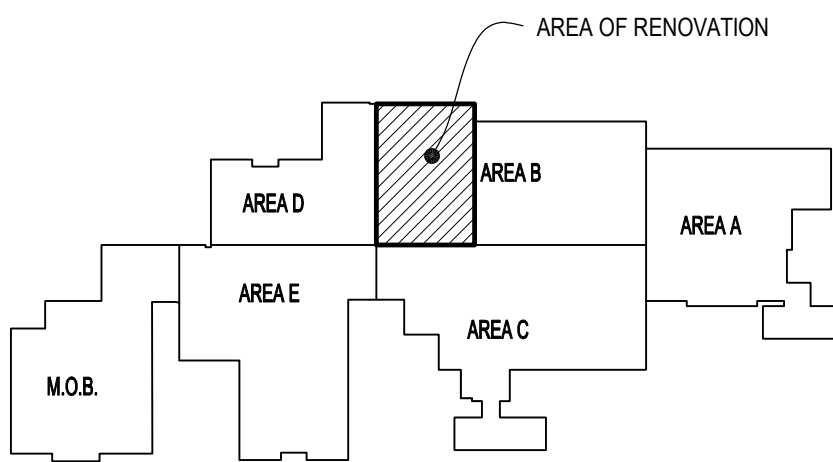
GENERAL NOTES

- FIELD VERIFY (E) CONDITIONS, SOME UNKNOWN CONDITIONS MAY EXIST. THE CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE EXTENT OF THE WORK. COORDINATE BETWEEN ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR COMPLETE SCOPE OF WORK. IF A CONFLICT, DISCREPANCY, OR OMISSION BETWEEN ANY TRADE OCCURS PRIOR TO BID AND NO CLARIFICATION IN WRITING IS PROVIDED, THE CONTRACTOR SHALL ASSUME WORST CASE, AND BID ALL MEANS NECESSARY TO COMPLETE THE SCOPE OF WORK IN FULL.
- LEGALLY DISPOSE OF ALL MATERIALS, FILL OR OTHERWISE OFF SITE, UNLESS NOTED OTHERWISE.
- TAKE PROPER PRECAUTIONS DURING CONSTRUCTION & DEMOLITION TO PROTECT THE (E) FINISHES THAT ARE TO REMAIN. SEE ROOM FINISH SCHEDULE AND FLOOR PLANS. DAMAGES TO (E) MATERIALS TO REMAIN SHALL BE GENERAL CONTRACTOR RESPONSIBILITY TO REPAIR/REPLACE TO SAME CONDITION AS PREVIOUS.
- THESE PLANS ILLUSTRATE THE GENERAL PARAMETERS OF THE BUILDING AND DO NOT INCLUDE ALL STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, OR SECURITY DEVICES. IF A CONFLICT OR DISCREPANCY OCCURS BETWEEN FLOOR PLANS OF ARCHITECTURAL, MECHANICAL, OR ELECTRICAL, CONTACT ARCHITECT FOR CLARIFICATION.
- REFER TO SPECIFICATIONS FOR ANY ADDITIONAL REQUIREMENTS AND SCOPE OF WORK. THE DRAWINGS AND SPECIFICATIONS IN RELATION TO EACH OTHER ARE CONSIDERED ADDITIVE AND COMPREHENSIVE. IF A SCOPE ITEM OCCURS ON THE DRAWINGS, IT MAY NOT OCCUR IN THE SPECIFICATIONS (AND VICE VERSA), BUT IT IS STILL PART OF THE ENTIRE PROJECT AND IS INCLUDED IN THE SCOPE OF WORK.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL WORK, INCLUDING LAYOUT AND DIMENSION VERIFICATION, MATERIALS COORDINATION, SHOP DRAWING REVIEW, AND THE WORK OF SUBCONTRACTORS. ANY DISCREPANCIES OR OMISSIONS DISCOVERED IN THE COURSE OF THE WORK SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR RESOLUTION. CONTINUATION OF WORK WITHOUT NOTIFICATION OF DISCREPANCIES RELIEVES THE ARCHITECT FROM ALL CONSEQUENCES.
- G.W.B. FINISHES COMPLY WITH THE FOLLOWING REQUIREMENTS IN ADDITION TO SPECIFICATIONS:
 - A. G.W.B. FINISHING PREPARATION/APPLICATION:
INSTALL PRIMER PRIOR TO APPLICATION OF TEXTURE OR OTHER FINISHES - COMPLY WITH SPECIFICATIONS AND MANUFACTURER INSTALLATION INSTRUCTIONS. EXECUTION: PREVENT TEXTURE FINISHES AND PAINT FROM COMING INTO CONTACT WITH SURFACES NOT INDICATED TO RECEIVE TEXTURE FINISH BY COVERING THEM WITH MASKING AGENTS, POLYETHYLENE FILM, OR OTHER MEANS. IF, DESPITE THESE PRECAUTIONS, TEXTURE FINISHES CONTACT THESE SURFACES, IMMEDIATELY REMOVE DROPPINGS AND OVERSPRAY TO PREVENT DAMAGE. ACCORDING TO TEXTURE-FINISH MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO ROOM FINISH SCHEDULE FOR TEXTURE FINISHES.
 - B. G.W.B. PAINTING: PREPARATION/APPLICATION:
COMPLY WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS IN "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES AND PAINT SYSTEMS INDICATED. APPLY PAINTS ACCORDING TO THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND TO RECOMMENDATIONS IN "MPI MANUAL." EXECUTION: VERIFY SUITABILITY OF SUBSTRATES, INCLUDING SURFACE CONDITIONS AND COMPATIBILITY WITH FINISHES AND PRIMERS. REFER TO APPROVED COLOR LOG FOR PAINT COLORS.
- SEE MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- SEAL ALL PENETRATIONS THROUGH WALLS, AT TOP AND ENDS OF WALLS.
- SEE SHEETS A101 & A102 FOR AREAS OF ARCHITECTURAL, DEMOLITION, REFER TO SPECIFIC TRADES FOR ADDITIONAL SCOPE OF WORK.
- FIELD VERIFY AND MAINTAIN ALL (E) RATED WALL AND CEILING/ROOF ASSEMBLIES, SEE SHEET CR1.1 FOR CODE REVIEW.
- SEE WALL TYPE ON THIS SHEET FOR RATED ASSEMBLY INFO. ALL NEW WALLS SHALL EXTEND TO BOTTOM OF ROOF DECK PER DETAILS, UNLESS DIRECTED OTHERWISE.
- SEE REFLECTED CEILING PLANS ON SHEET A102, MECHANICAL, AND ELECTRICAL FOR CEILING INFORMATION, INCLUDING BUT NOT LIMITED TO LIGHTING AND CEILING DEVICES.
- ALL G.W.B. TO BE 5/8" U.N.O. - SEE WALL TYPES AND CODE REVIEW PLANS FOR FIRE-RATED LOCATIONS. PROVIDE CASING BEAD & SEALANT WHERE G.W.B. ABUTS DISSIMILAR MATERIAL.
- PROVIDE PROTECTION FOR FLOORS, WALLS, & CEILING AT ALL (E) CONDITIONS TO REMAIN, INCLUDING TRAFFIC AREAS FOR DEMOLITION REMOVAL IN COMMON BUILDING AREAS. GC IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGED FINISHES.
- COORDINATE W/ BUILDING OWNER DURING DEMOLITION TO DETERMINE WHETHER (E) FIRE & SMOKE DETECTION SYSTEMS ARE TO BE BAGGED, PROTECTED & REMAIN IN OPERATION OR TO BE TAKEN OFF LINE.
- CENTER LIGHT FIXTURES, SMOKE DETECTORS, ETC. IN CEILING TILES OR SPACES AS SHOWN. LIGHT FIXTURES WHICH OCCUR IN G.W.B. CEILING ARE TO BE CENTERED BETWEEN WALLS AND/OR CASEWORK UNLESS OTHERWISE NOTED.
- COORDINATE PLACEMENT OF MECHANICAL, PLUMBING, TECHNOLOGY DATA AND ELECTRICAL ITEMS TO AVOID CONFLICT WITH OBSTRUCTIONS (INCLUDING STRUCTURE) ABOVE CEILING.
- PROVIDE CEILING/WALL ACCESS PANELS WHERE REQUIRED PER MECHANICAL, ELECTRICAL, AND PLUMBING. FIELD COORDINATE QUANTITY AND LOCATIONS.
- NOT ALL STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING & TECHNOLOGY ARE SHOWN FOR A CLARITY OF DRAWINGS. REFERENCE ENTIRE DRAWING SET FOR COMPLETE SCOPE OF WORK AND COORDINATION.
- PROVIDE NECESSARY SHORING/BRACING OF ITEMS TO EXECUTE THE WORK. REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO COORDINATE AND PROVIDE PENETRATIONS AT (E) CONSTRUCTION WHERE NEW ARE REQUIRED AND AS INDICATED ON MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
- IF SUSPECTED ASBESTOS CONTAINING MATERIALS ARE ENCOUNTERED DURING ANY PORTION OF WORK, NOTIFY THE OWNER PRIOR TO THE START OF DEMOLITION.
- OWNER TO RELOCATE ALL GOODS, STORED ITEMS, SHELVING, FURNITURE AND ANY ITEMS NOT ATTACHED TO THE (E) BUILDING UNLESS NOTED OTHERWISE. VERIFY & COORDINATE ALL REQUIREMENTS FOR OWNER-FURNISHED ITEMS PRIOR TO PERFORMANCE OF WORK THAT MAY INTERFACE WITH SUCH ITEMS.
- COMPLY WITH MANUFACTURER INSTALLATION REQUIREMENTS, UNLESS NOTED OTHERWISE.
- MAINTAIN (E) CEILING RETURN AIR PLENUMS AS INDICATED PER MECHANICAL. PROVIDE NON-COMBUSTIBLE MATERIALS ONLY AS REQUIRED.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL OF THE REFUSE OFF OF THE SITE UNLESS NOTED OTHERWISE.
- DASHED LINES INDICATE BARRIER FREE A.D.A. CLEARANCE AREAS.
- MAINTAIN EXISTING CEILING RETURN AIR PLENUMS AS INDICATED PER MECHANICAL. PROVIDE NON-COMBUSTIBLE MATERIALS ONLY AS REQUIRED.
- COORDINATE W/ BUILDING OWNER DURING DEMOLITION TO DETERMINE WHETHER EXISTING FIRE & SMOKE DETECTION SYSTEMS ARE TO BE BAGGED, PROTECTED & REMAIN IN OPERATION OR TO BE TAKEN OFF LINE.
- PROVIDE PROTECTION FOR FLOORS, WALLS, & CEILING AT ALL EXISTING CONDITIONS TO REMAIN, INCLUDING TRAFFIC AREA FOR DEMOLITION REMOVAL IN COMMON BUILDING AREAS & FREIGHT ELEVATORS. DAMAGED FLOORS WILL BE REPLACED @ NO COST TO OWNER.

LEGEND

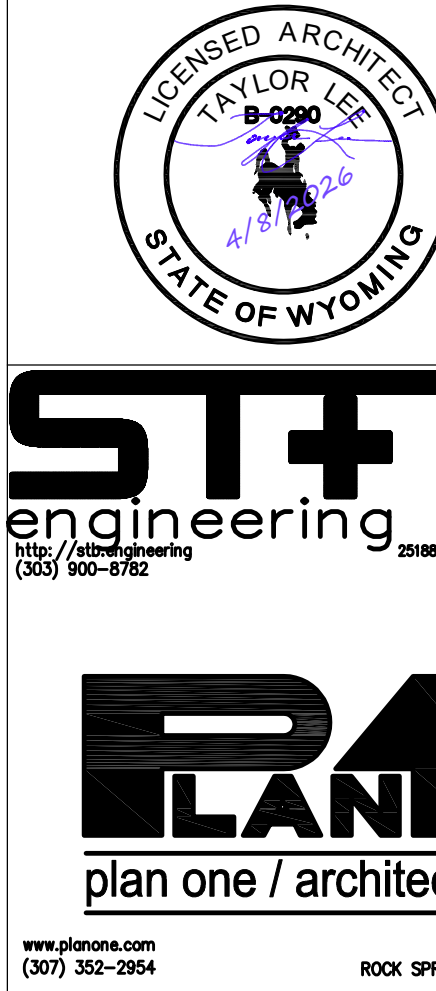
- SMOKE/SEALED PARTITION
- - - 1 HOUR SMOKE BARRIER
- - - 1 HOUR FIRE BARRIER OR FIRE RATED EXTERIOR WALL
- - - 2 HOUR FIRE BARRIER (FIRE AREA SEPARATION WALL)
- EXISTING WALL CONSTRUCTION

KEY PLAN



ARCH. DRAWING INDEX

ARCHITECTURAL
A100 ARCHITECTURAL GENERAL NOTES AND ASSEMBLIES
A101 ARCHITECTURAL BASEMENT ENLARGED FLOOR PLAN
A102 ARCHITECTURAL BASEMENT ENLARGED CEILING PLAN
A105 ARCHITECTURAL BUILDING SECTIONS AND DETAILS

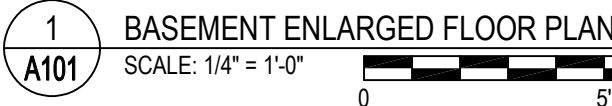


MEMORIAL HOSPITAL OF SWEETWATER
COUNTRY
LAUNDRY RENOVATION
1200 COLLEGE DRIVE
ROCK SPRINGS, WYOMING

ST + B Project No.:		2645.24
Plan One / Architects Project No.:		2602
NO	SUBMISSION	DATE
1	OHL'S PRELIMINARY REVIEW	2/12/2026
2	PERMIT	4/8/2026
3	ISSUE FOR BID	6/11/2026

ARCHITECTURAL
GENERAL NOTES &
ASSEMBLIES

Sheet No.
A100



2 | 1

Sheet No. A101



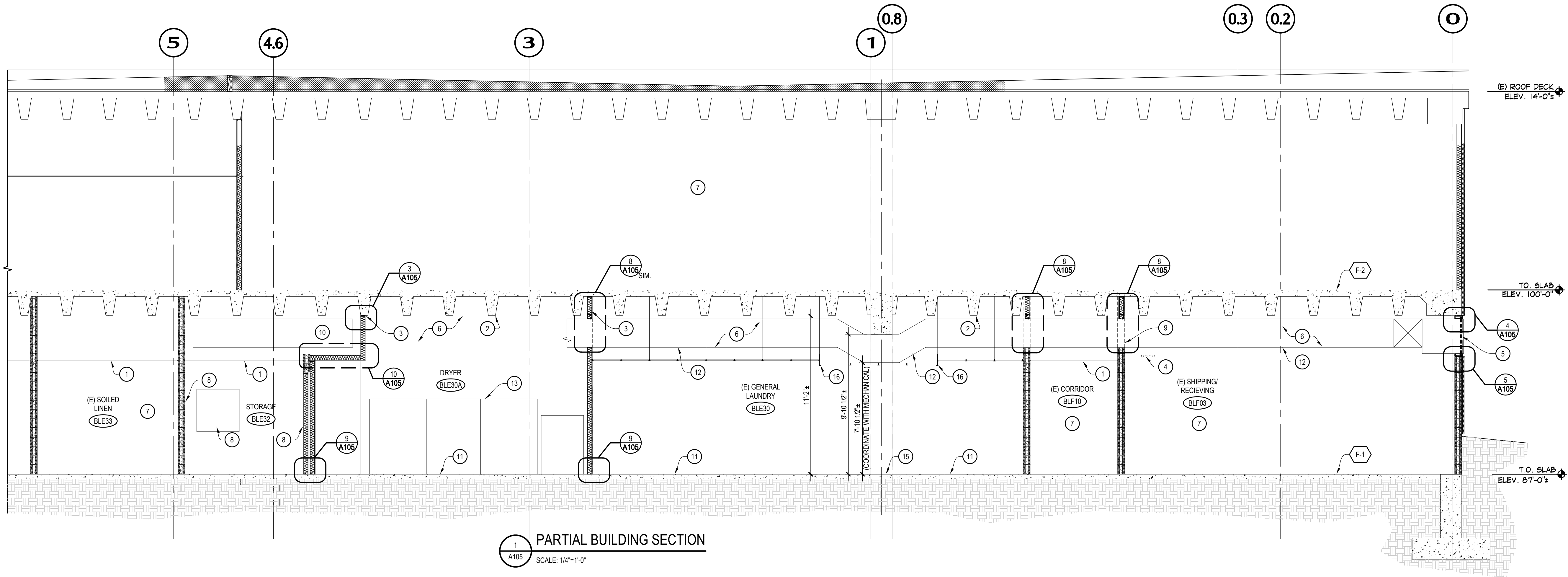
NOTE: SHOULD A CONFLICT OF MECH & ELEC DEVICES OCCUR BETWEEN THE ARCHITECTURAL REFLECTED CEILING PLAN AND THE MECHANICAL/ELECTRICAL DRAWINGS, THE LATTER SHALL PREVAIL

1
A102

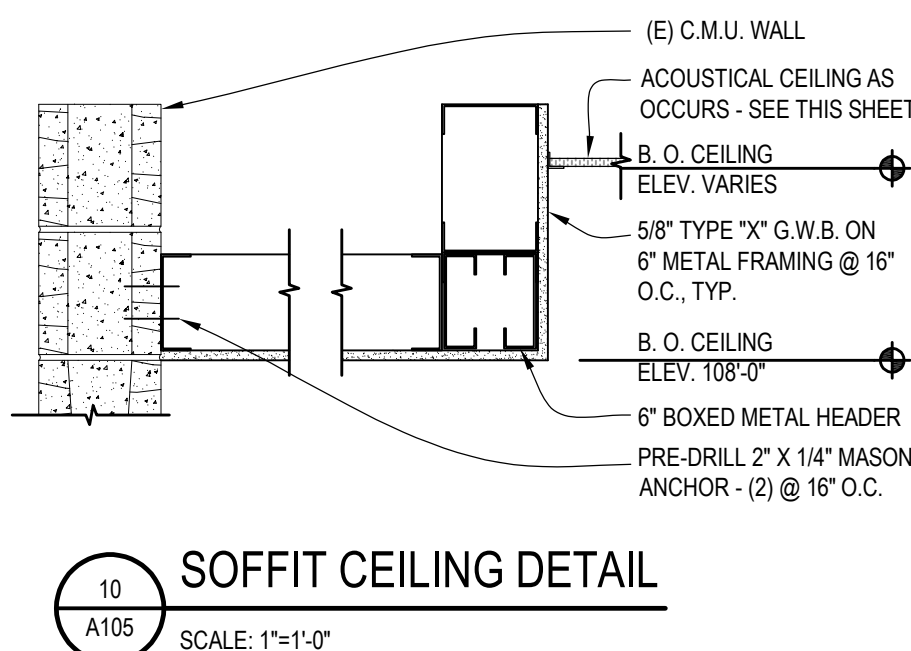
BASEMENT ENLARGED CEILING PLAN

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

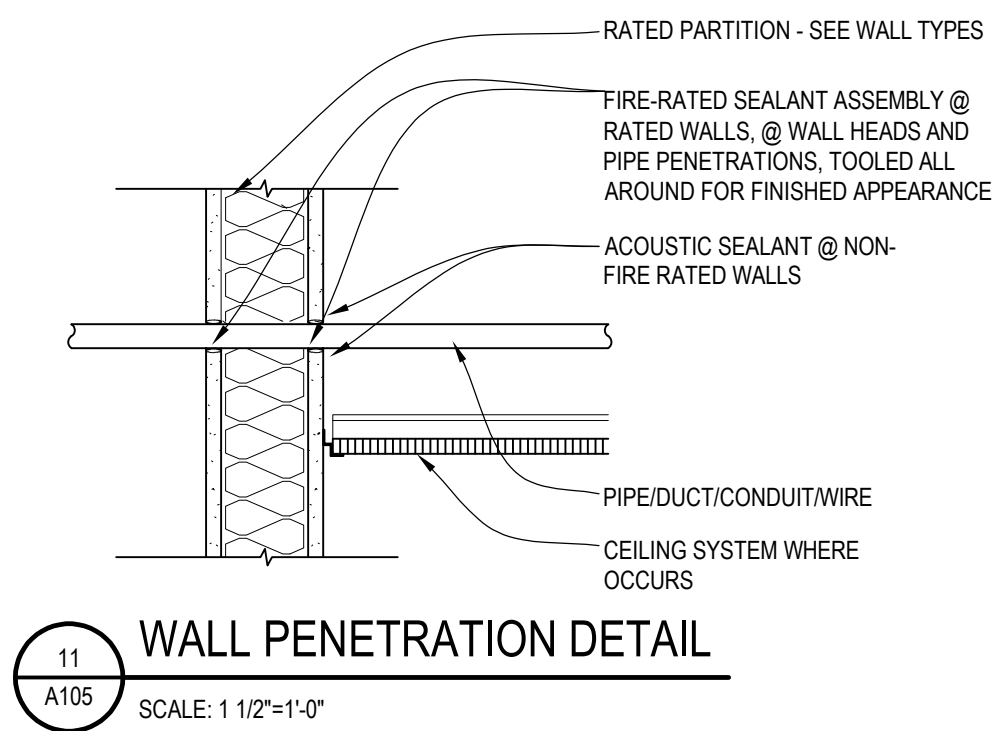
0 5' 10'



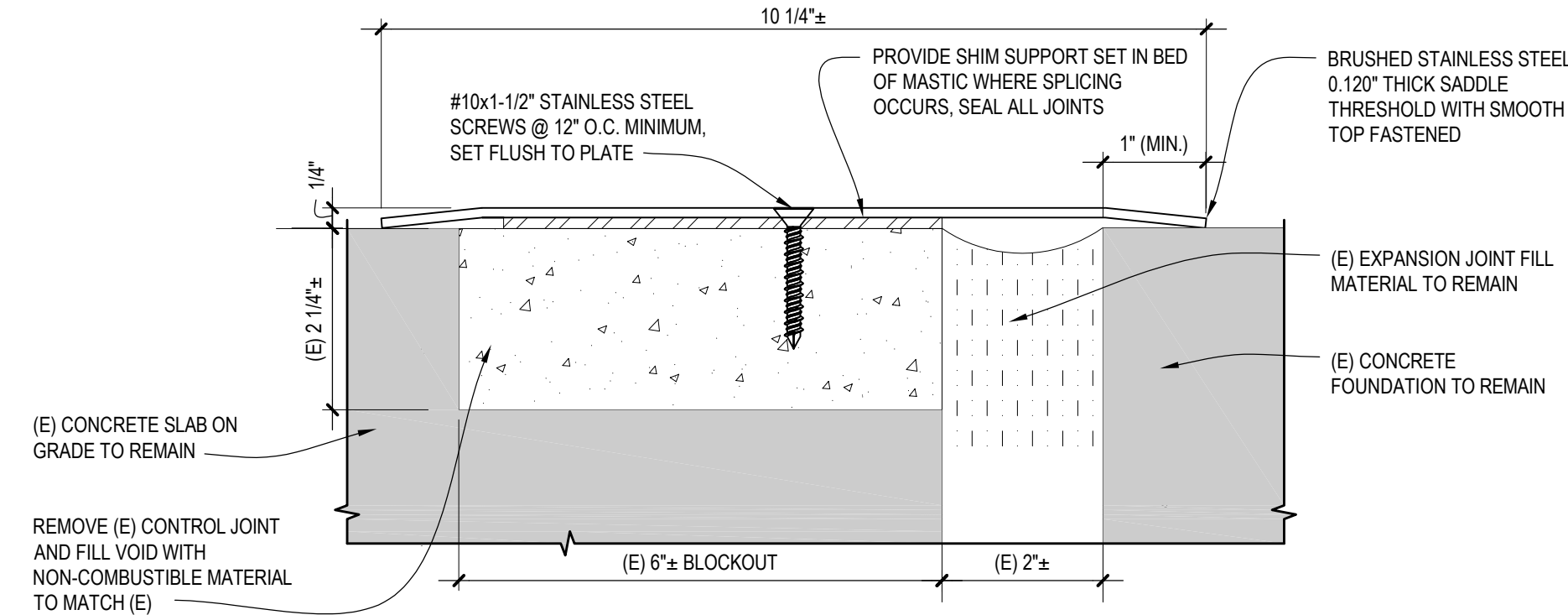
1 PARTIAL BUILDING SECTION
A105 SCALE: 1/4"=1'-0"



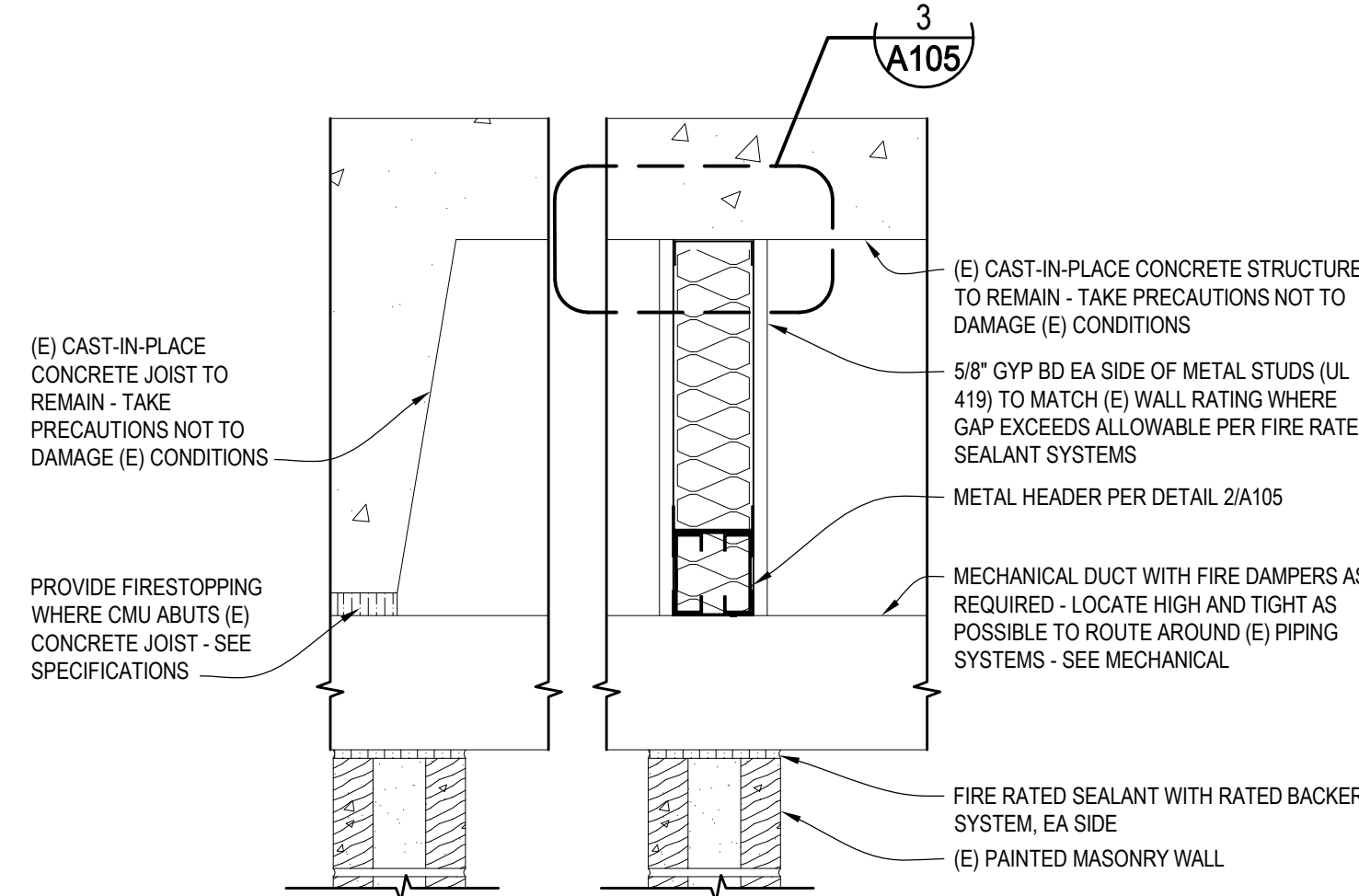
10 SOFFIT CEILING DETAIL
A105 SCALE: 1/4"=1'-0"



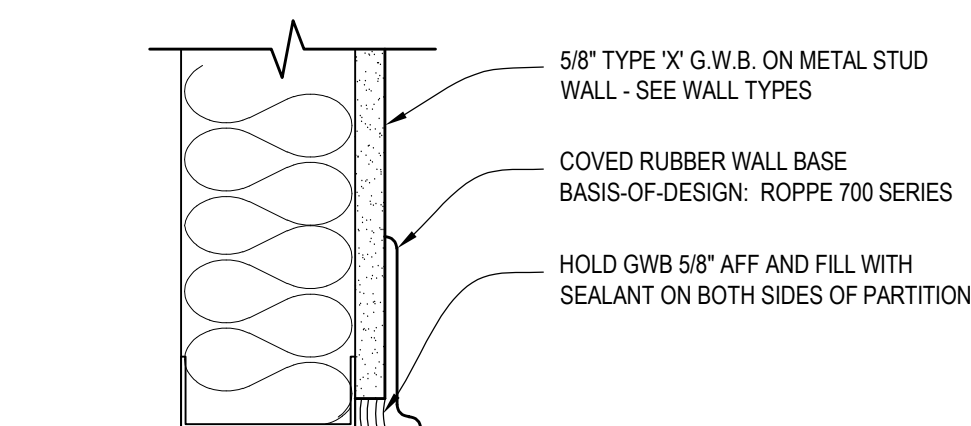
11 WALL PENETRATION DETAIL
A105 SCALE: 1 1/2"=1'-0"



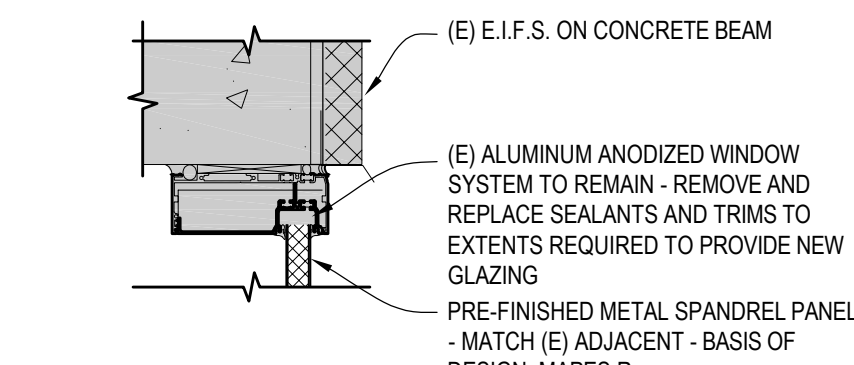
7 EXPANSION JOINT DETAIL
A105 SCALE: 6"=1'-0"



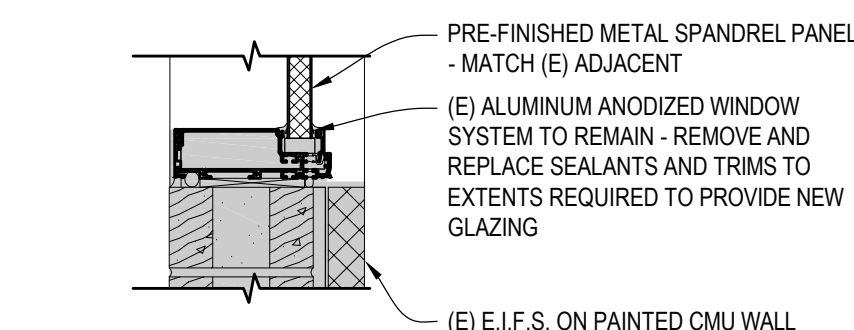
8 DUCT PENETRATION DETAIL
A105 SCALE: 1-1/2"=1'-0"



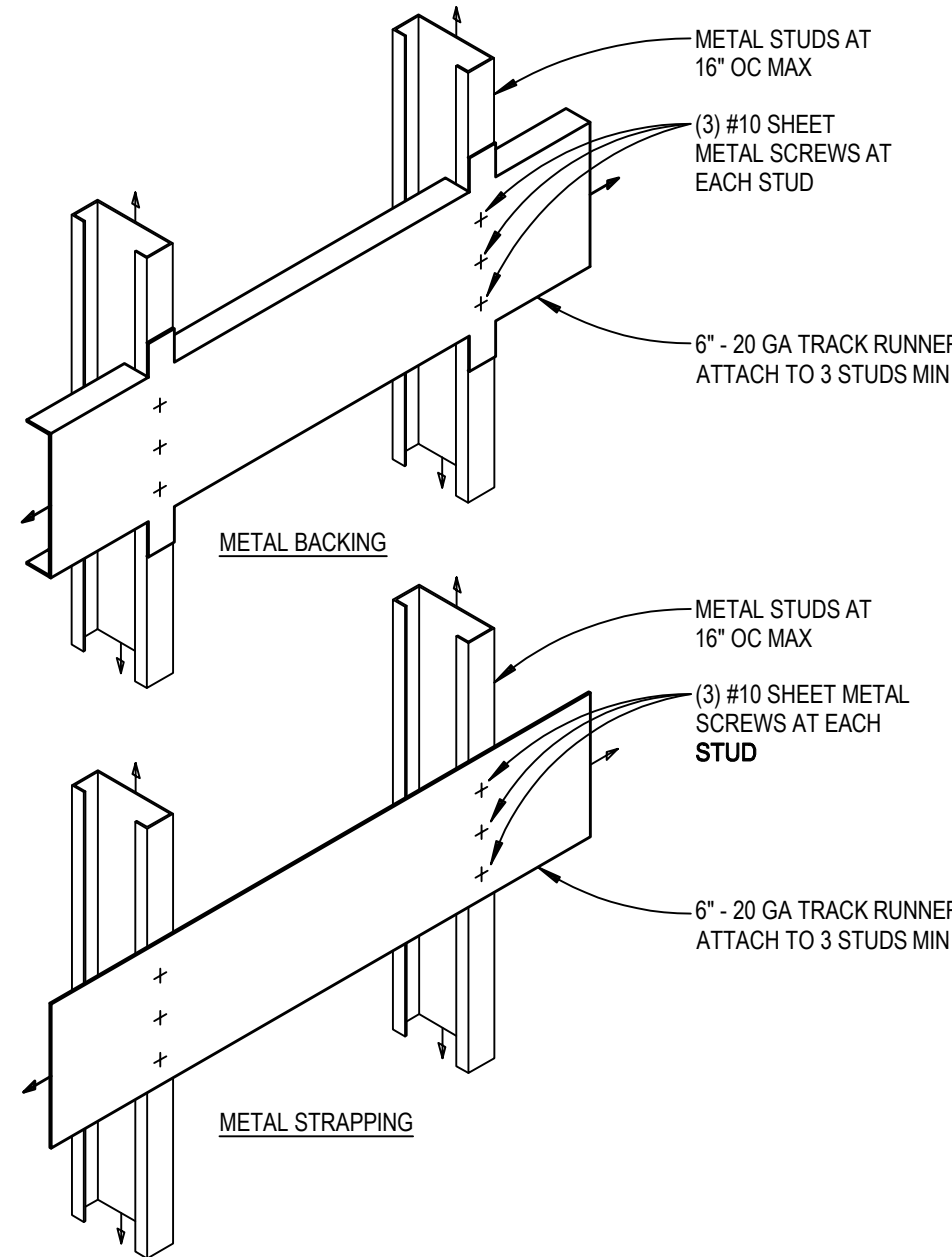
9 BOTTOM OF WALL DETAIL
A105 SCALE: 3"=1'-0"



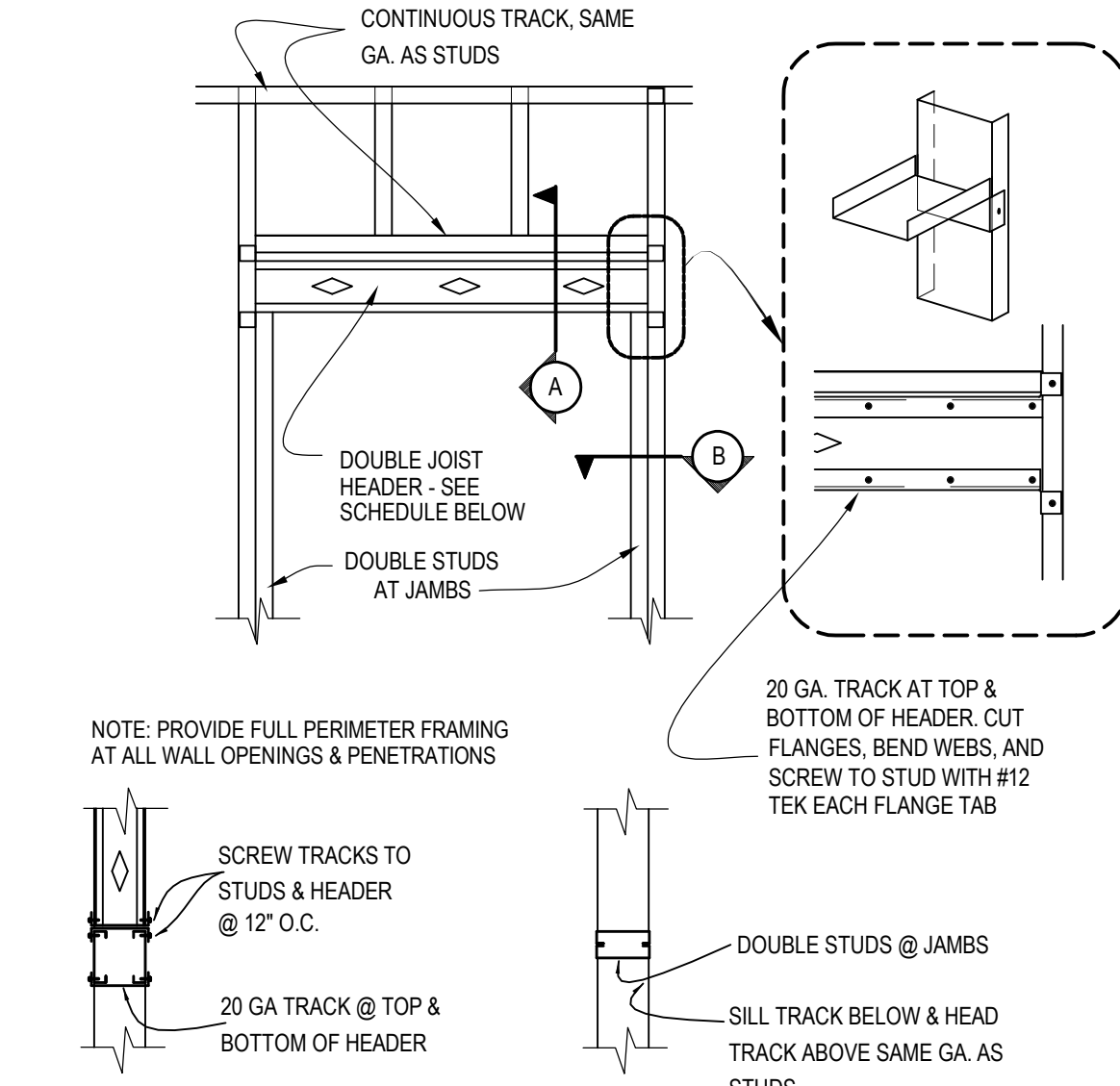
4 WINDOW HEAD DETAIL
A105 SCALE: 1 1/2"=1'-0"



5 WINDOW SILL DETAIL
A105 SCALE: 1 1/2"=1'-0"

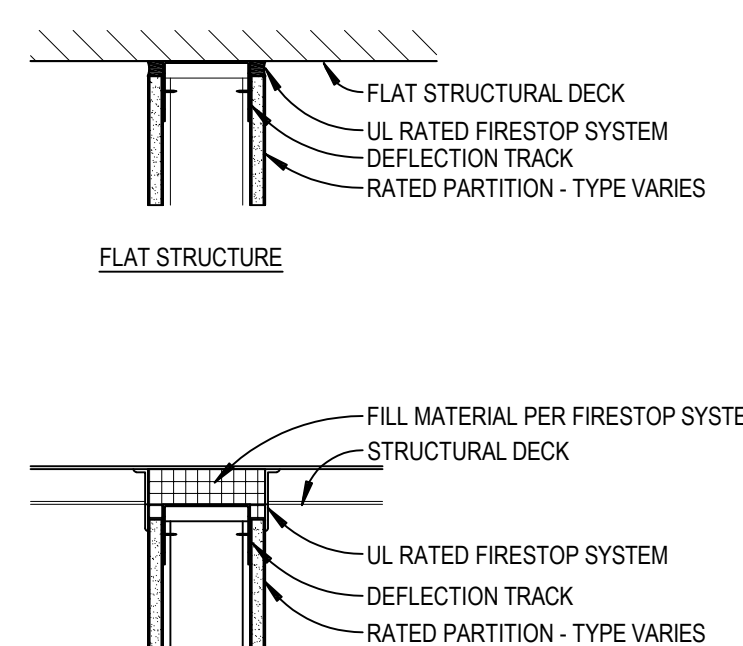


6 TYPICAL WALL BACKING
A105 SCALE: N.T.S.



INTERIOR METAL STUD HEADER SCHEDULE	
HEADER REQ'D.	SPAN
(2)600 E.J. 18 GA PR EQUAL	UP TO 6'-0" SPAN FOR INTERIOR NON-BEARING WALLS
(2)600 E.J. 16 GA PR EQUAL	6'-0" - 8'-6" SPAN FOR INTERIOR NON-BEARING WALLS
(2)600 W.J. 16 GA PR EQUAL	8'-6" - 9'-4" SPAN FOR INTERIOR NON-BEARING WALLS

2 METAL HEADER DETAIL
A105 SCALE: N.T.S.



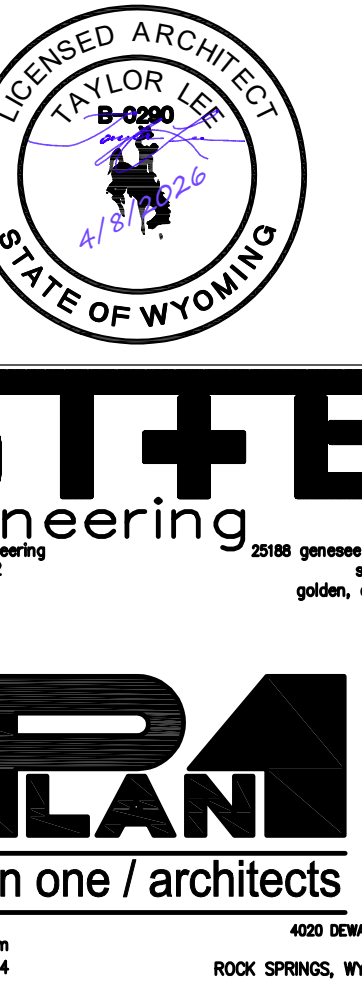
3 TOP OF WALL DETAIL
A105 SCALE: 1 1/2"=1'-0"

GENERAL NOTES:

- REFER TO SHEET A100 FOR ADDITIONAL ARCHITECTURAL GENERAL NOTES THAT PERTAIN TO THIS SHEET. REFER TO G SERIES FOR ADDITIONAL SCOPE OF WORK AND PHASING REQUIREMENTS. LAUNDRY FACILITY TO REMAIN IN OPERATION FOR THE DURATION OF THE PROJECT - COORDINATE WITH OWNER TO CONFIRM PHASING PLANS WITH THE ANTICIPATION OWNER OCCUPANCY.
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION, TYPICAL AT ALL.
- SEE SHEETS A100 & A101 FOR WALL TYPES AND RATED ASSEMBLIES.
- SEE PLUMBING AND MECHANICAL PLANS FOR ADDITIONAL SCOPE OF WORK.
- PROVIDE ADDITIONAL SPRINKLER HEADS AS REQUIRED - SEE MECHANICAL/PLUMBING FOR ADDITIONAL INFORMATION.
- SEAL ALL PENETRATIONS AT RATED WALLS.
- GC SHALL REPLACE ANY DAMAGED CEILING TILES TO MATCH (E) AND TOUCH UP/REPLACE ANY DAMAGED CEILING GRID AS OCCURS. TAKE PRECAUTIONS TO NOT LEAVE MARKS FROM TEMPORARY PARTITIONS OR OTHER CONSTRUCTION METHODS.
- SEE SHEETS G001 AND G002 FOR FIRE RATED WALLS AND ADDITIONAL CODE RELATED INFORMATION.

KEYNOTES:

- (E) CEILING GRID TO REMAIN. SALVAGE & REINSTALL CEILING TILES & CEILING DEVICES TO EXTENT REQUIRED TO COMPLETE SCOPE OF WORK ABOVE CEILING - SEE MECH. PLUMB. & ELEC. PLANS FOR SCOPE OF WORK ABOVE CEILING.
- (E) CLEARANCES: 11'-2"± BOTTOM OF (E) CAST IN PLACE STRUCTURE, 9'-4"± BOTTOM OF (E) SEWER PIPES, 8'-3"± BOTTOM OF (E) PIPING - FIELD VERIFY AND COORDINATE NEW SYSTEMS WITH (E) CONDITIONS TO MAINTAIN 8'-0" WORKING CLEARANCES FOR THE ENTIRE ROOM. UNLESS NOTED OTHERWISE.
- PROVIDE INTERIOR PARTITION, EXTENDED TO BOTTOM OF (E) DECK WHERE POSSIBLE. SEE REFLECTED CEILING PLAN AND FLOOR PLAN FOR WALL TYPES - SEE DETAILS 3, 9, AND 11A105.
- (E) INSULATED PIPING TO REMAIN - TAKE PRECAUTIONS TO INSTALL NEW DUCT ABOVE, FIELD VERIFY AND SIZE DUCT TO FIT WITHIN (E) CONDITIONS.
- REMOVE (E) GLAZING PANEL AND REPLACE WITH INSULATED PANEL - COORDINATE WITH MECHANICAL FOR EMBEDDED LOUVER INSTALLATION AND DETAILS THIS SHEET.
- REMOVE (E) ELECTRICAL DEVICES, LIGHTS, AND MECHANICAL DEVICES TO EXTENTS REQUIRED FOR NEW SCOPE OF WORK - SEE MECHANICAL, ELECTRICAL, AND PLUMBING.
- (E) ROOMS, N.C. UNLESS NOTED OTHERWISE - SEE MECHANICAL & ELECTRICAL.
- REMOVE TACK BOARD AND WINDOW INFILL TO EXTENTS REQUIRED TO PROVIDE NON-COMBUSTIBLE CONSTRUCTION. PROVIDE 5/8" TYPE X G.W.B. EA. SIDE OF METAL STUDS @ 16" O.C. FLUSH FINISH TO FACE OF FRAME, SIM. TO WALL TYPE A1.
- REMOVE (E) CMU WALL PARTITION FROM BOTTOM OF STRUCTURE ABOVE TO BOTTOM OF NEW DUCT/PIPPING TO EXTENTS REQUIRED TO INSTALL NEW EQUIPMENT - PROVIDE METAL STUD INFILL, SIM. TO WALL TYPE A1 WHERE GAP OCCURS WITHIN STRUCTURAL CONCRETE BAYS EXCEEDING ALLOWABLE INFILL BY FIREPROOFING MANUFACTURER - SEE SPECIFICATIONS AND MECHANICAL.
- (E) DUCT ABOVE, PROVIDE SOFFIT AS INDICATED - SEE SHEET A102 AND MECHANICAL.
- (E) SLAB ON GRADE TO REMAIN - SEE SHEET A101 FOR FLOOR FINISHES.
- INSULATED METAL DUCT PER MECHANICAL - TAKE PRECAUTION WITH EXISTING CONDITIONS. FIELD VERIFY AND COORDINATE FINAL ROUTING AND SIZING WITH EXISTING CONDITIONS PRIOR TO FABRICATION. KEEP HIGH AND TIGHT AS REQUIRED PER MECHANICAL TAKING NOTE OF EXISTING BEAMS AND UTILITIES THAT ARE NOT ABLE TO BE RELOCATED.
- LINEN DRYER EQUIPMENT - SEE MECHANICAL AND PLUMBING.
- PANEL CEILING IN EXPOSED T-GRID - SEE SHEET A102.
- REMOVE AND REPLACE (E) FLOOR EXPANSION JOINT - PROVIDE COVER PER DETAIL 7A105.
- PROVIDE DROPPED CEILING TILE INSTALLATION WITH VERTICAL TRUSSINGS WHERE DUCT CROSSINGS OCCUR AT EXISTING BEAM - SEE SHEET A102.



MEMORIAL HOSPITAL OF SWEETWATER COUNTRY LAUNDRY RENOVATION 1200 COLLEGE DRIVE ROCK SPRINGS, WYOMING

ST + B Project No.: 2645.24

Plan One / Architects Project No.: 2602

NO	SUBMISSION	DATE
1	O.H.S. PRELIMINARY REVIEW	2/12/2026
2	PERMIT	4/8/2026
3	ISSUE FOR BID	6/11/2026

ARCHITECTURAL BASEMENT BUILDING SECTIONS & DETAILS

A105

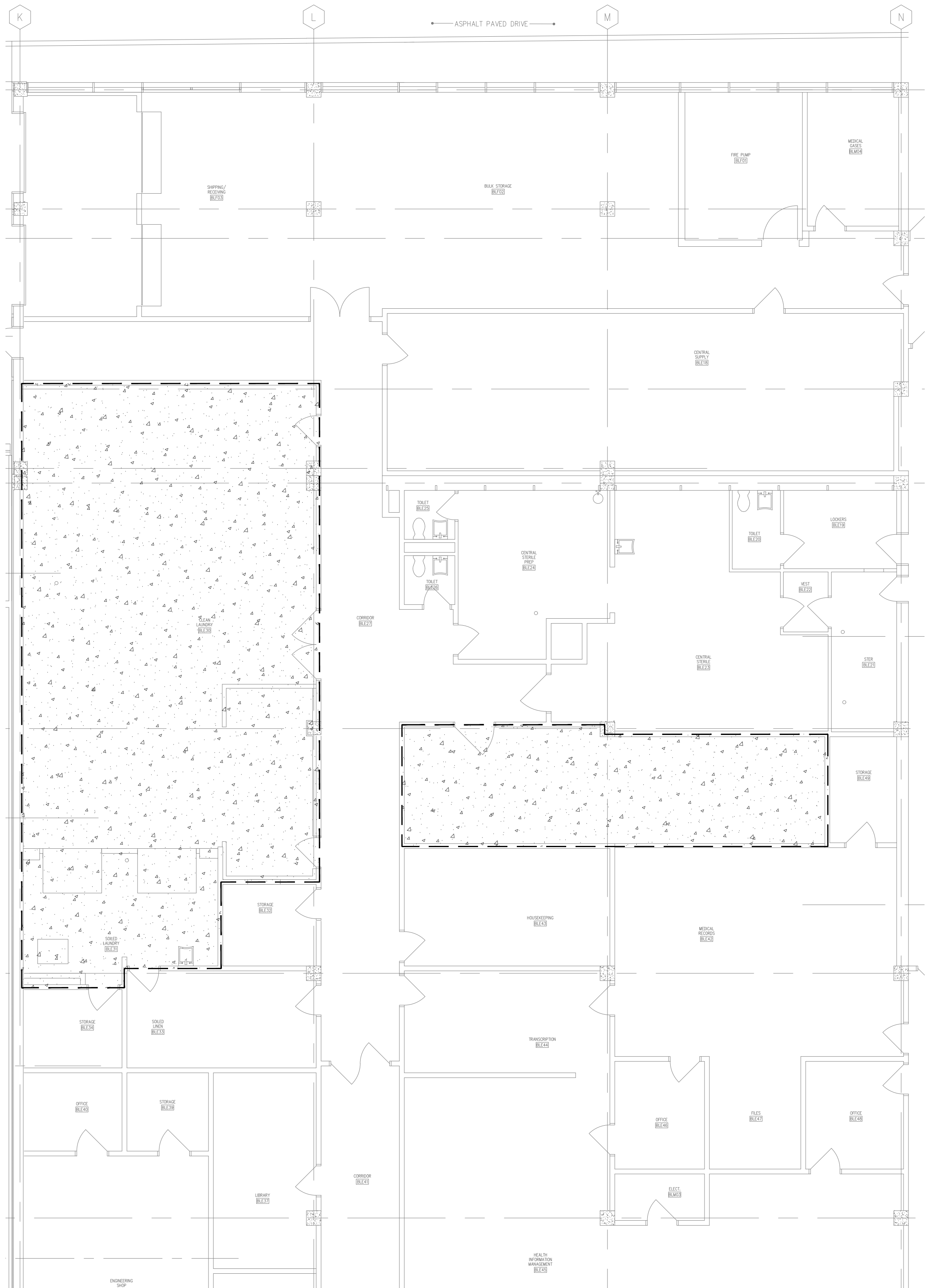
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4/8/2025 3:19 PM

FIRE PROTECTION CRITERIA:

	LIGHT HAZARD (0.10 GPM / SF, 225 SF / SPRINKLER, 100 GPM HOSE ALLOWANCE)
	ORDINARY GROUP 1 HAZARD (0.15 GPM / SF, 130 SF / SPRINKLER, 250 GPM HOSE ALLOWANCE)
	ORDINARY GROUP 2 HAZARD (0.20 GPM / SF, 130 SF / SPRINKLER, 250 GPM HOSE ALLOWANCE)
	LIGHT HAZARD (DRY HEADS) (0.10 GPM / SF, 225 SF / SPRINKLER, 100 GPM HOSE ALLOWANCE)
	EXTRA HAZARD 2 (0.40 GPM / SF, 100 SF / SPRINKLER, 500 GPM HOSE ALLOWANCE)

DESIGN PARAMETERS:

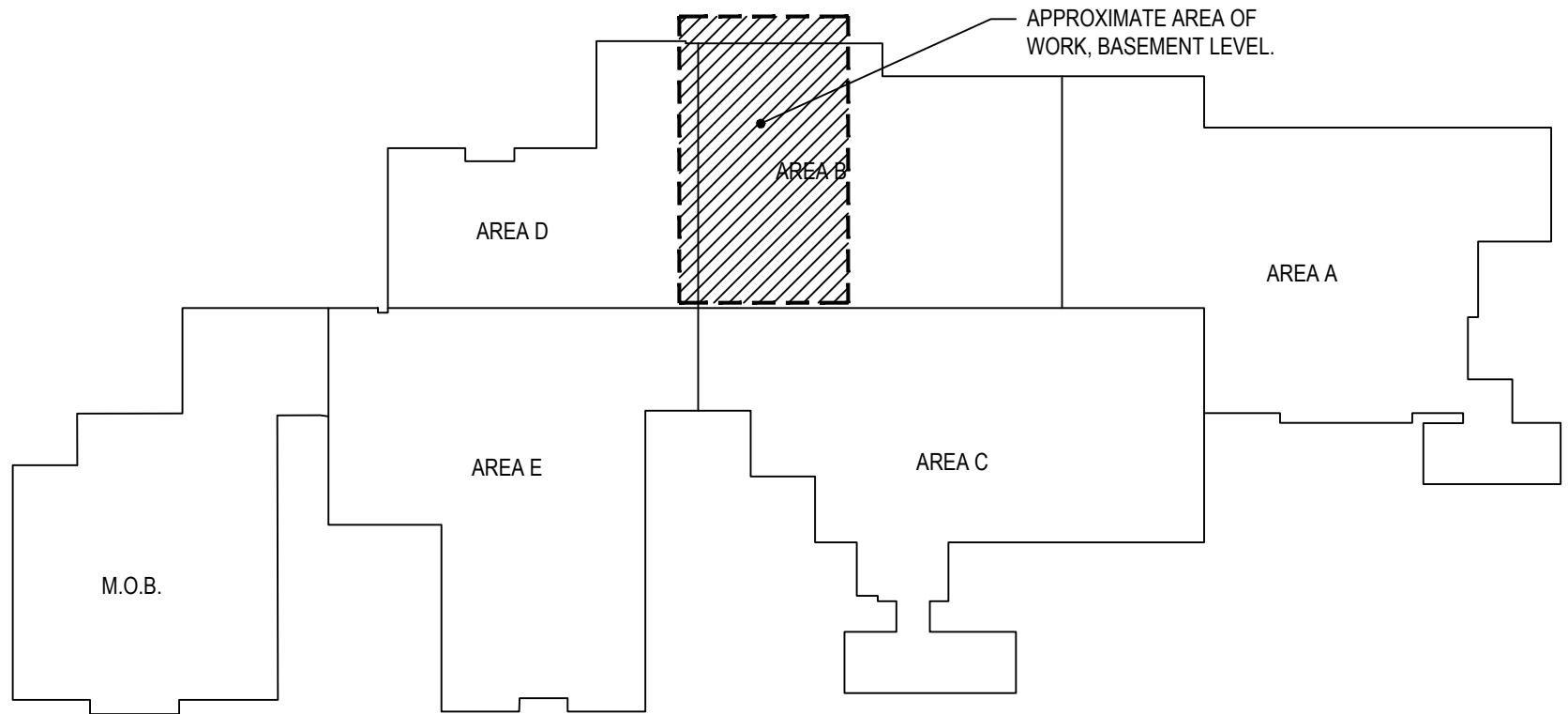
- OCCUPANCY CLASSIFICATIONS:
 - AS INDICATED ON CRITERIA PLANS
- DENSITY:
 - LIGHT HAZARD - 0.10 GPM / 1,500 SF (100 GPM HOSE ALLOWANCE)
 - ORDINARY GROUP I HAZARD - 0.15 GPM / 1,500 SF (250 GPM HOSE ALLOWANCE)
 - ORDINARY GROUP II HAZARD - 0.20 GPM / 1,500 SF (250 GPM HOSE ALLOWANCE)
 - EXTRA HAZARD I - 0.30 GPM / 2,500 SF (500 GPM HOSE ALLOWANCE)
 - EXTRA HAZARD II - 0.40 GPM / 2,500 SF (500 GPM HOSE ALLOWANCE)
- COVERAGE:
 - LIGHT HAZARD - 225 SF / SPRINKLER (15' MAXIMUM ALLOWABLE SPACING)
 - ORDINARY HAZARD - 130 SF / SPRINKLER (15' MAXIMUM ALLOWABLE SPACING, HOWEVER, BASIS OF DESIGN PIPING SHALL BE 10' X 12' MAXIMUM)
 - EXTRA HAZARD - 100 SF / SPRINKLER (12' MAXIMUM ALLOWABLE SPACING, HOWEVER, BASIS OF DESIGN PIPING SHALL BE 10' X 10' MAXIMUM)



1
FP000
FIRE PROTECTION CRITERIA PLAN
SCALE: 1/8" = 1'-0"
0 5 10'

GENERAL NOTES:

- DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
- THESE DRAWINGS ARE NECESSARILY DIAGRAMMATIC IN NATURE. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING AND INCLUDE ALL SPRINKLER HEADS AND PIPING AS REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM. SPRINKLER HEAD LOCATIONS AND BASIC PIPING DEPICTIONS PROVIDED TO DEPICT DESIGN INTENT, AND SHALL NOT BE CONSTRUED AS EXACT HEAD PLACEMENT OR PIPE ROUTING CRITERIA. INFORMATION PROVIDED TO REPRESENT DESIGN INTENT. FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE TO GENERATE DETAILED SHOP DRAWING, INCLUDING EXACT PIPING ROUTING COORDINATED WITH BUILDING ARCHITECTURE, STRUCTURE AND INFRASTRUCTURE AS WELL AS HYDRAULIC CALCULATIONS.
- PIPE SCHEDULE DESIGN METHODS ARE NOT PERMITTED. HYDRAULIC CALCULATIONS MUST BE PERFORMED TO ALL APPLICABLE NFPA SPECIFICATIONS AND SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL AS PART OF THE SHOP DRAWING PROCEDURE. PROVIDE DRAWINGS AND CALCULATIONS WITH SEAL OF LICENSED FIRE PROTECTION ENGINEER OR NECTI III LEVEL TECHNICIAN FOR SUBMITTAL TO FIRE MARSHALL PRIOR TO INSTALLATION.
- PROVIDE ELECTRONIC (PDF) DRAWINGS AND CALCULATIONS WITH PROFESSIONAL ENGINEER'S OR NECTI CERTIFIED DESIGNER'S SEAL FOR SUBMITTAL TO STATE FIRE MARSHAL'S OFFICE FOR REVIEW PRIOR TO INSTALLATION. PROVIDE ELECTRONIC COPIES OF SHOP DRAWINGS, CALCULATIONS AND EQUIPMENT SUBMITTALS WITH PROFESSIONAL ENGINEER'S OR NECTI CERTIFIED DESIGNER'S SEAL FOR SUBMITTAL TO GENERAL CONTRACTOR FOR REVIEW AND SUBSEQUENT SUBMITTAL BY GENERAL CONTRACTOR TO DESIGN TEAM AND AUTHORITY HAVING JURISDICTION FOR REVIEW.
- SEE SPECIFICATIONS AND ARCHITECTURAL SHEETS FOR CONSTRUCTION PHASING REQUIREMENTS. DURING EACH PHASE, AS MUCH WORK AS POSSIBLE MUST BE PERFORMED WITHIN THE BOUNDARIES OF THAT PHASE.
- ALL NEW SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE.
- ADJACENT SPRINKLERS SHALL NOT BE PLACED CLOSER THAN 8' TO ONE ANOTHER, UNLESS SPECIFICALLY NOTED OTHERWISE. CODE ALLOWABLE MINIMUM DISTANCES ARE SMALLER BUT SHALL REQUIRE APPROVAL PRIOR TO INSTALLATION.
- PIPING SHALL NOT BE INSTALLED ABOVE ELECTRIC EQUIPMENT / PANELS AND SHALL NOT BE ROUTED THROUGH ELECTRICAL SPACES EXCEPT AS REQUIRED TO PROVIDE PROTECTION FOR THE ROOM. PLACE SPRINKLER HEAD(S) AND ROUTE PIPING IN A MANNER TO MINIMIZE PIPING WITHIN THE SPACE.
- ALL PIPING SHALL BE INSTALLED AS HIGH AS POSSIBLE. PROVIDE VENTS AT ALL HIGH POINTS IN THE PIPING SYSTEM WITH THE EXCEPTION OF ARM-OVERS SERVING A SINGLE SPRINKLER HEAD.
- PROVIDE DRAINS AT ALL LOW POINTS IN THE PIPING SYSTEM. PROVIDE REMOVER CONNECTION TO ALL INDIVIDUAL SPRINKLERS. MAXIMUM AMOUNT OF VOLUME THAT CAN BE DRAINED FROM REMOVAL OF ANY SINGLE SPRINKLER HEAD SHALL NOT EXCEED 5 GALLONS. VOLUME DRAINED FROM ANY SINGLE VALVED LOW POINT SHALL NOT EXCEED 35 GALLONS. ANY VALVED DRAINS CONTAINING MORE THAN 35 GALLONS SHALL BE PIPED TO THE EXTERIOR OF THE BUILDING.
- PROVIDE ALL FITTINGS, RISER NIPPLES, ARM-OVERS, HANGERS, ETC TO MAINTAIN CONFORMANCE WITH APPLICABLE STANDARDS AND TO POSITION THE SPRINKLER HEADS IN THEIR PROPER LOCATIONS. FLEXIBLE SPRINKLER FITTING SYSTEMS IN LIEU OF HARD PIPED ARM OVER ASSEMBLIES ARE ACCEPTABLE.
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR RCP SYMBOL LIST AND FOR GUIDELINES FOR PLACEMENT OF SPRINKLER HEADS IN CEILING PANELS.
- THE REFLECTED CEILING PLANS (RCP'S) SHOWN IN THESE DRAWING BACKGROUND ARE PROVIDED FOR REFERENCE ONLY AND REFLECT ANTICIPATED PLACEMENT OF NON-FIRE SPRINKLER SYSTEM COMPONENTS SUCH AS HVAC REGISTERS, LIGHTING, SPEAKERS, NURSE CALL SYSTEMS, FIRE ALARM COMPONENTS, ETC. REFER TO ARCHITECTURAL RCP'S AS WELL AS RCP'S OF OTHER DIVISIONS (IE LIGHTING, ETC) DURING THE SHOP DRAWING COORDINATION PROCESS. IMMEDIATELY NOTIFY ARCHITECT AND ENGINEER IN THE EVENT OF DISCREPANCY BETWEEN THE DIVISIONS.
- SPRINKLER HEADS SHOWN ON THESE PLANS ARE INTENDED TO SHOW COORDINATION BETWEEN THIS AND OTHER TRADES. OMISSION OF SUCH HEADS NOT SHOWN ON THIS PLAN, REQUIRED BY CODE, SHALL NOT RELIEVE THE FIRE PROTECTION CONTRACTOR FROM PROVIDING THEM UNDER THIS CONTRACT.
- COORDINATION OF ALL MEP SYSTEMS ABOVE CEILINGS (LIGHTING, DUCTWORK, DIFFUSERS, PIPING, ELECTRICAL, FIRE PROTECTION, ETC) MUST BE COMPLETED BY THIS CONTRACTOR PRIOR TO ANY INSTALLATIONS. CONTRACTOR SHALL SUBMIT 1/4" SCALE COORDINATION SHOP DRAWINGS ON ARCHITECTURAL BACKGROUNDS SHOWING ALL SYSTEMS TO BE COORDINATED. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- FIRE PROTECTION CONTRACTOR SHALL COORDINATE ALL FIRE PROTECTION WORK WITH ALL DUCTWORK AND OTHER TRADES PRIOR TO COMMENCEMENT OF WORK SO AS NOT TO INTERFERE WITH ROUTING AND INSTALLATION OF NEW OR EXISTING PIPING/DUCTWORK, ELECTRICAL RACEWAY, LIGHTING AND ANY OTHER SYSTEMS OCCUPYING THE SPACE IN THE CEILING OR ABOVE THE CEILING PLANE.
- FINAL SPRINKLER HEAD LAYOUTS SHALL BE COORDINATED WITH AS BUILT CONDITIONS FOR ALL DISCIPLINES / TRADEWORK. ADDITIONAL SPRINKLER SHALL BE PROVIDED AS REQUIRED DUE TO ADDITIONAL OBSTRUCTIONS SUCH AS DUCT LAYOUTS.
- THE BUILDING SPRINKLER SYSTEM SHALL BE DESIGNED, INSTALLED AND TESTED FOR PROTECTION THROUGHOUT IN ACCORDANCE WITH NFPA 13.
- SYSTEM AND COMPONENTS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13 AND NFPA 14, LOCAL BUILDING CODES AND ORDINANCES, FM AND UL APPROVALS AND THE DIVISION 21 SPECIFICATIONS FOR THE PROJECT. INSTALLATION SHALL MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND THE OWNER'S INSURING AGENCY. IN THE EVENT OF CONFLICT BETWEEN THESE REQUIREMENTS, ASSUME THE MOST STRINGENT REQUIREMENT SHALL APPLY FOR PRICING PURPOSES AND CONSULT THE ENGINEER FOR DIRECTION.
- THIS CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AT THE PROJECT SITE BEFORE SUBMITTING COST PROPOSAL. CONTRACTOR IS ADVISED THAT ALL LOCATIONS ARE APPROXIMATE.
- IT IS MANDATORY THAT EXISTING BUILDINGS REMAIN IN CONTINUOUS AND NON-INTERRUPTED OPERATION DURING REMODELING/ALTERING OF THE EXISTING BUILDING THE SPECIFIC AREA(S) BEING REMODELED/ALTERED AT ANY SCHEDULED TIME ARE OBVIOUSLY EXCLUSIVE OF THIS STATEMENT. SERVICES TO EXISTING BUILDING SHALL BE KEPT ON CONTINUOUS OPERATION INCLUDING FIRE-SPRINKLER PIPING. ANY ABSOLUTELY NECESSARY INTERRUPTION OF THESE SERVICES TO ACCOMPLISH PROJECT CONSTRUCTION, SHALL BE ARRANGED WITH THE OWNER THROUGH THE GENERAL CONTRACTOR, A MINIMUM OF TWO (2) WEEKS IN ADVANCE. TEMPORARY SERVICES SHALL BE FURNISHED WHERE NECESSARY TO ACCOMPLISH THIS PURPOSE. TEMPORARIES SHALL BE REMOVED ONLY AFTER NEW PERMANENT SERVICES ARE INSTALLED AND FULLY OPERATIONAL.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN DEMOLITION, REMOVAL, CAPPING, STORING, ABANDONING, DISCONNECTING, RELOCATING AND RECONNECTION OF EXISTING EQUIPMENT AND MATERIAL. ALL CUTTING, PATCHING, REPAIRING, REPLACEMENT AND REFINISHING, SHALL MATCH THE EXISTING CONSTRUCTION AS NEARLY AS POSSIBLE.
 - INCLUDE IN BID THE COSTS TO REMOVE ALL EXISTING FIRE SPRINKLER HEADS AND PIPING THROUGHOUT THE RENOVATED SPACE. INCLUDE COMPLETELY NEW SPRINKLER PIPING THROUGHOUT IN ORDER TO COORDINATE WITH THE NEW ABOVE CEILING SYSTEMS.
 - REMOVE ALL SPRINKLER HEADS AND SPRINKLER PIPING. CAP AT NEAREST ACTIVE MAIN. SUPPLY AND RETURN MAINS TO BE VALVED AND CAPPED.
 - IN REMODELED / ALTERED AREAS ANY PIPING PASSING THROUGH THE REMODELED AREAS TO SERVE (OR BEING SERVED FROM EXISTING ADJACENT, REMOTE, OR SURROUNDING AREA THAT ARE TO REMAIN) SHALL BE RETAINED AND KEPT OPERATIONAL, AND SHALL BE REROUTED IN ALL CASES WHERE THEY INTERFERE WITH ANY NEW WORK OR USAGE TO BE ACCOMPLISHED IN THE REMODELED AREA.
 - PENETRATIONS THROUGH EXISTING WALLS AND FLOORS FORMERLY OCCUPIED BY REMOVED PIPING SHALL BE PATCHED TO MATCH EXISTING CONSTRUCTION.
- THIS CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS TO FAMILIARIZE THEMSELVES WITH EXTENT OF ALTERATION / REMODELING WORK AND MORE SPECIFICALLY NOTE WHERE NEW PARTITIONING IS BEING INSTALLED, WHERE EXISTING PARTITIONING IS BEING REMOVED, WHERE CEILINGS ARE BEING REMOVED AND OR REPLACED, ETC.
- ALL NEW SPRINKLERS SHALL MATCH THE EXISTING TO REMAIN IN PLACE SPRINKLERS (QUICK RESPONSE OR STANDARD RESPONSE) WHEN INSTALLED WITHIN THE SAME ROOM. ALL OTHER NEW SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE.
- UPON REMOVAL OF EXISTING CEILING DURING DEMO PHASE OF CONSTRUCTION, EXTEND EXISTING PIPING AND REPLACE EXISTING PENDENT SPRINKLER HEADS WITH TEMPORARY UPRIGHT HEADS, RELOCATED AND SUPPLEMENTED AS NECESSARY TO MAINTAIN COMPLETE COVERAGE PER NFPA 13 DURING CONSTRUCTION RENOVATION PHASE.
- MAINTAIN CONTINUITY OF FIRE SPRINKLER SERVICE AND COVERAGE DURING THE ENTIRE PROJECT DURATION. BE RESPONSIBLE TO COORDINATE SERVICE INTERRUPTIONS AND FIRE WATCH REQUIREMENTS WITH THE GENERAL CONTRACTOR, OWNER AND AUTHORITY HAVING JURISDICTION. ANTICIPATE TEMPORARY PIPING WILL BE REQUIRED DURING THE PROJECT TO FACILITATE REMOVAL OF EXISTING COVERAGE PRIOR TO INSTALLATION OF NEW COVERAGE.
- SPRINKLERS SHALL BE DEMOLISHED FROM EXISTING SPACES / CEILING (TYP). REFERENCE ARCHITECTURAL DRAWINGS FOR EXTENT OF DEMOLITION SCOPE OR WORK. SPRINKLER PIPING / ARM-OVERS SHALL BE CAP AT THE SPRINKLER MAIN / BRANCH PIPING. SPRINKLER PIPING / ARM-OVERS SHALL BE CAP AT THE SPRINKLER MAIN / BRANCH PIPING. NEW SPRINKLERS AND NECESSARY PIPING SHALL BE PROVIDED IN THE SPACES INDICATED ON PLANS AND CONNECTED TO EXISTING MAIN / BRANCH PIPING. EXISTING IN PLACE SPRINKLERS MAY BE REUSED PROVIDED THEY FULLY FUNCTIONAL AND NOT DAMAGED DURING DEMOLISHING SCOPE OF PROJECT. CONTRACTOR SHALL NOT REUSE ANY SPRINKLERS THAT ARE REMOVED / DEMOLISHED.
- AN ATTEMPT HAS BEEN MADE TO SHOW ALL SPRINKLER HEADS, BUT SYSTEM PIPING IS CURRENTLY NOT SHOWN. THIS CONTRACTOR SHALL VISIT THE SITE TO VERIFY COMPONENTS, LOCATIONS AND SIZES SHOWN OR NOT SHOWN. ALL COMPONENTS NEED TO BE REMOVED IN THE DEMOLITION AREA UNLESS NOTED ON THE DRAWINGS.



KEY PLAN

PLAN SYMBOLS LEGEND

PLAN	DESCRIPTION
	DRAWING KEYNOTE
	DEMOLITION DRAWING KEYNOTE
	REVISION CLOUD TAG
	SYSTEM DISCONNECT SYMBOL
	SYSTEM NEW CONNECTION SYMBOL
	MECHANICAL EQUIPMENT CALLOUT
	MISC./OWNER EQUIPMENT CALLOUT
	MEDICAL EQUIPMENT CALLOUT
	ELEVATION/SECTION CALLOUT

SPRINKLER HEAD LEGEND

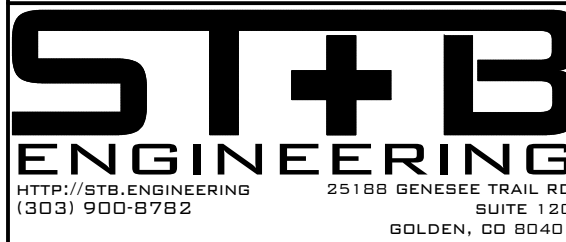
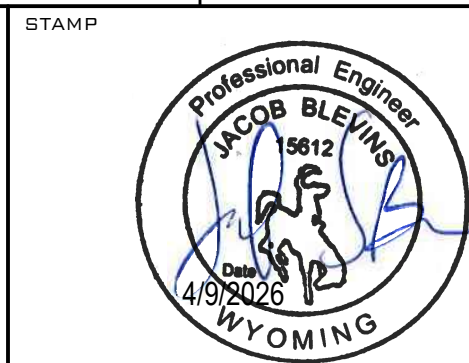
PLAN	DESCRIPTION
	CONCEALED PENDENT SPRINKLER HEAD
	DRY PENDENT SPRINKLER HEAD
	EXPOSED PENDENT SPRINKLER HEAD
	INSTITUTIONAL PENDENT SPRINKLER HEAD
	SEMI-RECESSED PENDENT SPRINKLER HEAD
	UPRIGHT SPRINKLER HEAD
	CONCEALED SIDEWALL SPRINKLER HEAD
	DRY SIDEWALL SPRINKLER HEAD
	SIDEWALL SPRINKLER HEAD

FIRE PROTECTION ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
AFAT	AMP FRAME, AMP TRIP
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPIERES INTERRUPTING CAPACITY (SYMMETRICAL)
AMP or A	AMPERE
ASIAF	AMP SWITCH, AMP FUSE
ATS	AUTOMATIC TRANSFER SWITCH
AVG	AVERAGE
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BFG	BELOW FINISHED GRADE
C	CONDUIT
CB	CIRCUIT BREAKER
CIRC. CKT	CIRCUIT
CT	CURRENT TRANSFORMER
(D) or DEMO	DEMOLISH
DISC	DISCONNECT
(E)	EXISTING
EF	EXHAUST FAN
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRICAL NON-METALLIC TUBING
EPO	EMERGENCY POWER OFF
(F)	FUTURE
FA	FIRE ALARM
FCT	FOR CONTINUATION
FFI	FOR FURTHER INFORMATION
FLA	FULL LOAD AMPS
FSD	FIRE SMOKE DAMPER
FT or ' "	FEET
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GRD	GROUND
WD, H, L	WIDTH, DEPTH, HEIGHT, LENGTH
HDA	HAND-OFF-CUT
HP	HORSEPOWER
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
IG	ISOLATED GROUND
IN or ' "	INCHES
JBOX	JUNCTION BOX
KVA	KILOVOLT AMPERES
KW	KILOWATT
KWH	KILOWATT HOUR
LF	LINEAR FEET
LTG or LFS	LIGHTING
M	METER
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCN	THOUSAND CIRCULAR MILS
MCP	MOTOR CIRCUIT PROTECTOR
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MOCF	MAXIMUM OVERCURRENT PROTECTION
MON	MONITORING
MTD	MOUNTED
(N)	NEW
NC / NO	NORMALLY CLOSED / NORMALLY OPEN
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NF	NON-FUSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
No. or #	NUMBER
NTS	NOT TO SCALE
OFO	OWNER, FURNISHED, CONTRACTOR INSTALLED
P	POLE
PC	PHOTOCELL
PH	PHASE
PROVIDE	FURNISH AND INSTALL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
(R)	RELOCATED
RE	REFER TO
REC or RECEPT	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
RMS	ROOT MEAN SQUARE
SF	SQUARE FEET
SPD	SURGE PROTECTION DEVICE
SPST	SINGLE-POLE, SINGLE-THROW
SQ	SQUARE
TC	TIMECLOCK
TEL/DATA	TELEPHONE/DATA
TV	TELEVISION
TYP	TYPICAL
UGPS	UNDERGROUND PULL SECTION
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SYSTEM
V	VOLTS
VA	VOLT AMPERES
VAV	VARIABLE AIR VOLUME
VD	VOLTAGE DROP
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
W	WITH
WP	WEATHERPROOF
XFRM	TRANSFORMER
%Z	PERCENTAGE IMPEDANCE

SHEET INDEX - FIRE PROTECTION

DELIVERABLE KEY:		DELIVERABLE	
ISSUED		HLS MINOR PROJECTS SUBMITTAL - 02/14/25 PERMIT - 04/09/26	
DISCONTINUED			
REFERENCE ONLY			
NUMBER	NAME		
FP000	FIRE PROTECTION NOTES, LEGENDS, & CRITERIA PLAN	•	
FP100	PARTIAL LOWER LEVEL LAUNDRY FIRE PROTECTION DEMOLITION PLAN	•	
FP200	PARTIAL LOWER LEVEL LAUNDRY FIRE PROTECTION NEW WORK PLAN	•	



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MEMORIAL HOSPITAL OF
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LAUNDRY RENOVATION

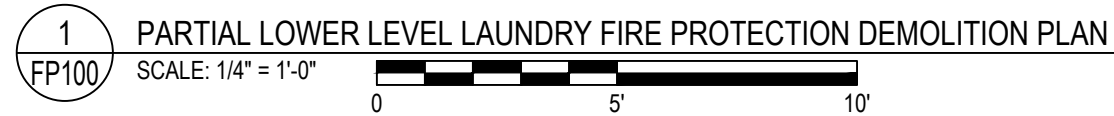
1200 COLLEGE DRIVE,
ROCK SPRINGS, WY 82901

ST-B PROJECT NO.: 2645.24

NO	SUBMISSION	DATE
1	HLS MINOR PROJECTS SUBMITTAL	02/13/26
2	PERMIT	04/09/26
3	ISSUE FOR BID	01/1/2025

SHEET NAME
FIRE PROTECTION
LEGEND, NOTES &
CRITERIA PLAN

SHEET NO.
FP000



KEYNOTES:

- 1 DISCONNECT FIRE BRANCH & PREPARE TO LOWER AND ROUTE BELOW OA DUCT AND RECONNECT, TYP 5.
- 2 REMOVE SPRINKLER BRANCH AND RE-ROUTE TO NOT PASS WE SPRINKLER PIPING THROUGH NEW DRYER PLENUM.



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[illegible]

PARTIAL LOWER LEVEL LAUNDRY FIRE PROTECTION DEMOLITION PLAN

SHEET NO.

FP 100



SHEET NO.

FP200

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- PRELIMINARY TESTING (PRE-TAB) NOTES:**
- THE PROJECT CONSISTS OF MODIFICATION, EXTENSION, REPLACEMENT AND/OR RE-USE OF EXISTING HVAC SYSTEMS. PRIOR TO ANY DEMOLITION PRESCRIBED HEREIN, A PRELIMINARY TAB EXERCISE SHALL BE PERFORMED TO DETERMINE EXISTING CONDITIONS THAT CANNOT OTHERWISE BE VERIFIED THROUGH SIMPLE VISUAL INSPECTION. REFER TO SECTION 23.0950 - TESTING, ADJUSTING, AND BALANCING FOR DETAILED INFORMATION REGARDING PROCEDURES AND PROTOCOLS SPECIFIC TO THE TYPE OF EQUIPMENT REQUIRING PRELIMINARY TAB EXERCISE.
 - THE FIELD PORTION OF THE PRE-TAB EXERCISE SHALL CONSIST OF THE TESTING COMPONENT ONLY, AS SPECIFIED IN SECTION 23.0950 - TESTING, ADJUSTING AND BALANCING. ADJUSTMENT AND BALANCING OF EXISTING SYSTEMS ARE NOT REQUIRED AS PART OF THE PRE-TAB SCOPE. UPON COMPLETION OF THE FIELD PORTION OF PRE-TAB EXERCISE, COMPLETE AND SUBMIT TO ENGINEER FOR REVIEW A CERTIFIED TAB REPORT OF ALL TESTS AND MEASUREMENTS TAKEN.
 - SYSTEMS TO BE INVESTIGATED DURING PRE-TAB EXERCISE:

- A. SYSTEM WATER FLOW (GPM) AND PRESSURE DROP (FT WG OR PSI) AT ALL HYDRONIC TERMINAL DEVICES WITHIN THE RENOVATION SPACE.
- B. AIRFLOW (CFM) AT ALL SUPPLY, RETURN, AND EXHAUST REGISTERS WITHIN THE RENOVATION SPACE.
- C. PERFORMANCE OF SYSTEMS SERVING THE RENOVATION SPACE SUCH AS VAV BOXES, MAKE-UP AIR UNITS, EXHAUST FANS, ETC PROVIDING HVAC SERVICE TO THE RENOVATION SPACE. MEASURE TOTAL CFM, AIR PRESSURE, AND MOTOR PARAMETERS (RPM, 1/2 IF VFD, RLA, ETC AS SPECIFIED IN 23.0950). PROVIDE FAN MANUFACTURER'S DATA SHEETS AS WELL AS NAMEPLATE DATA SUCH AS MOTOR FLA.
- D. PERFORMANCE OF COILS PROVIDING HYDRONIC SERVICE (HEATING, CHILLED, CONDENSER WATER, ETC) TO THE RENOVATION SPACE. MEASURE TOTAL GPM, AND DISCHARGE WATER PRESSURE.

- GENERAL MECHANICAL HVAC NOTES:**
- THIS SHEET IS PART OF A COMPREHENSIVE SET OF DESIGN DRAWINGS AND SPECIFICATIONS THAT INCLUDE OTHER ENGINEERING, ARCHITECTURAL, AND DESIGN DISCIPLINES. THIS CONTRACTOR IS RESPONSIBLE FOR THE REVIEW OF ALL OTHER DISCIPLINE'S SHEETS AND ALL OTHER DISCIPLINES' SPECIFICATIONS IN CONJUNCTION WITH THIS SHEET AND ITS ASSOCIATED DISCIPLINE REGARDLESS OF THIS CONTRACTOR'S RESPECTIVE DISCIPLINE. CONTRACTOR BEARS THE RESPONSIBILITY FOR LACK OF INTERDISCIPLINARY COORDINATION.
 - THIS CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AT THE PROJECT SITE BEFORE SUBMITTING COST PROPOSAL. BE ADVISED THAT ALL LOCATIONS ARE APPROXIMATE.
 - DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
 - THESE DRAWINGS ARE NECESSARILY DIAGRAMMATIC IN NATURE. NOT ALL FITTINGS, OFFSETS, AND SLOPES ARE SHOWN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING AND INCLUDE ALL FITTINGS, OFFSETS, AND SLOPES AS REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
 - COORDINATION OF ALL MEP SYSTEMS ABOVE CEILINGS (LIGHTING, DUCTWORK, DIFFUSERS, PIPING, ELECTRICAL, FIRE PROTECTION, ETC.) MUST BE COMPLETED BY THIS CONTRACTOR PRIOR TO ANY INSTALLATIONS. CONTRACTOR SHALL SUBMIT 1/4" SCALE COORDINATION SHOP DRAWINGS ON ARCHITECTURAL BACKGROUNDS SHOWING ALL SYSTEMS TO BE COORDINATED. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

- ALL DUCT CONNECTIONS TO RETURN AND EXHAUST GRILLES REGISTERS AND DIFFUSERS (GRDS) SHALL BE MADE WITH HARD PIPE. FLEXIBLE CONNECTION NOT PERMITTED. ACOUSTIC FLEX 4' MAX LENGTH PERMITTED FOR SUPPLY GRDS ONLY.
- RETURN AIR AND EXHAUST AIR DUCTS SHALL BE PROVIDED WITH RADIUS ELBOWS. MITERED ELBOWS WITH TURNING VANES SHALL BE AVOIDED. IF MITERED ELBOWS ARE UNAVOIDABLE, PROVIDE ACCESS DOORS UPSTREAM AND DOWNSTREAM OF FITTING FOR CLEANING OF TURNING VANES.
- AN ATTEMPT HAS BEEN MADE TO SHOW ALL DUCTWORK, AIR DEVICES, AND BALANCE DAMPERS. THIS CONTRACTOR SHALL VISIT THE SITE TO VERIFY COMPONENTS, LOCATIONS, AND SIZES SHOWN OR NOT SHOWN. ALL HATCHED COMPONENTS SHALL BE REMOVED IN THE DEMOLITION AREA UNLESS NOTED ON THE DRAWINGS.
- ALL BRANCH DUCTING TO AIR DEVICES SHALL BE PROVIDED WITH A BALANCING DAMPER WHETHER SHOWN IN THE PLANS OR NOT.
- ALL DUCTWORK MAINS SHALL BE INSTALLED AS HIGH AS POSSIBLE. BRANCH DUCTWORK BALANCE DAMPERS AND TERMINAL DEVICES SHALL BE LOW ENOUGH TO BE ACCESSIBLE FROM CEILING ACCESS PANELS OR LAY-IN CEILING PANELS.
- WHEN ROUTING DUCTWORK UTILIZE JOIST SPACING WHEN POSSIBLE, ESPECIALLY WHEN CROSSING OTHER DUCTS, PIPES, OR ELECTRICAL.
- DUCTWORK SHALL NOT BE INSTALLED IN OR ABOVE ELECTRIC ROOMS OR ELECTRICAL EQUIPMENT UNLESS OTHERWISE NOTED.

- ACCESS PANELS SHALL BE 24/24 UNLESS NOTED OTHERWISE. COORDINATE EXACT LOCATIONS WITH SERVICE ACCESS NEEDS FOR BOTH NEW AND EXISTING EQUIPMENT WITH THE ARCHITECT'S DRAWINGS AND WITH THE LOCATIONS OF EQUIPMENT OR APPARATUS WHICH THEY SERVE.
- SEE SPECIFICATIONS AND ARCHITECTURAL SHEETS FOR CONSTRUCTION PHASING REQUIREMENTS. DURING EACH PHASE, AS MUCH WORK AS POSSIBLE MUST BE PERFORMED WITHIN THE BOUNDARIES OF THAT PHASE.
- THE EXISTING BUILDING SHALL REMAIN IN CONTINUOUS AND NON-INTERRUPTED OPERATION DURING REMODELING/ALTERING OF THE EXISTING BUILDING. THE SPECIFIC AREA(S) BEING REMODELED/ALTERED AT ANY SCHEDULED TIME ARE OBVIOUSLY EXCLUSIVE OF THIS STATEMENT. SERVICES TO EXISTING BUILDING SHALL BE KEPT ON CONTINUOUS OPERATION INCLUDING SUPPLY, RETURN, EXHAUST, RELIEF, AND OUTSIDE AIR, ETC. ANY ABSOLUTELY NECESSARY INTERRUPTION OF THESE SERVICES TO ACCOMPLISH PROJECT CONSTRUCTION, SHALL BE ARRANGED WITH THE OWNER THROUGH THE GENERAL CONTRACTOR, A MINIMUM OF TWO (2) WEEKS IN ADVANCE. TEMPORARY SERVICES SHALL BE FURNISHED WHERE NECESSARY TO ACCOMPLISH THIS PURPOSE. TEMPORARY SERVICES SHALL BE REMOVED ONLY AFTER NEW PERMANENT SERVICES ARE INSTALLED AND FULLY OPERATIONAL.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN DEMOLITION, REMOVAL, CAPPING, STORING, ABANDONING, DISCONNECTING, RELOCATING AND RECONNECTION OF EXISTING EQUIPMENT AND MATERIAL. ALL CUTTING, PATCHING, REPAIRING, REPLACEMENT AND REFINISHING, SHALL MATCH THE EXISTING CONSTRUCTION AS NEARLY AS POSSIBLE AND SHALL RESULT IN A COMPLETE, INSULATED, AND OPERATIONAL SYSTEM.
- EXCEPT WHERE OTHERWISE SHOWN OR NOTED ON DRAWING - "TO BE RETAINED, RELOCATED" OR HEREINAFTER NOTED, ALL EXISTING EQUIPMENT AND MATERIAL IN AREAS TO BE REMODELED/ALTERED SHALL BE REMOVED WHERE THEY INTERFERE WITH PROPOSED NEW CONSTRUCTION AND/OR INTERFERE WITH PROPOSED USAGE OF SPACE BY OWNER AS FOLLOWS:
 - REMOVE ANY DUCTS PROTRUDING ABOVE FINISHED FLOOR OR THROUGH WALL, CAP AND SEAL, AND FINISH OVER WITH MATERIAL TO MATCH EXISTING.
 - REMOVE ALL AIR DEVICES AND DAMPERS AS NOTED. CAP AT NEAREST ACTIVE MAIN. REMOVE ABANDONED DUCTWORK BACK TO MAINS.
 - IN REMODELED/ALTERED AREAS ANY DUCTWORK PASSING THROUGH THE REMODELED AREAS TO SERVE (OR BEING SERVED FROM) EXISTING ADJACENT, REMOTE, OR SURROUNDING AREA THAT ARE TO REMAIN, SHALL BE RETAINED AND KEPT OPERATIONAL, AND SHALL BE REROUTED IN ALL CASES WHERE THEY INTERFERE WITH ANY NEW WORK OR USAGE TO BE ACCOMPLISHED IN THE REMODELED AREA.
 - PENETRATIONS THROUGH EXISTING WALLS AND FLOORS FORMERLY OCCUPIED BY REMOVED DUCTWORK SHALL BE PATCHED TO MATCH EXISTING CONSTRUCTION.
- THIS CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS TO FAMILIARIZE THEMSELVES WITH EXTENT OF ALTERATION/REMODELING WORK AND MORE SPECIFICALLY NOTE WHERE NEW PARTITIONING IS BEING INSTALLED, WHERE EXISTING PARTITIONING IS BEING REMOVED, WHERE CEILINGS ARE BEING REMOVED AND OR REPLACED, ETC.

PIPE SYSTEM DESIGNATIONS

HYDRONIC SYSTEMS	
CR	CONDENSER RETURN
CS	CONDENSER SUPPLY
CCR	CONDENSER RETURN - CLOSED
CCS	CONDENSER SUPPLY - CLOSED
CHR or CWR	CHILLED WATER RETURN
CHS or CWS	CHILLED WATER RETURN
RFR	RADIANT FLOOR RETURN
RFS	RADIANT FLOOR SUPPLY
GF	GLYCOL FEED
GLR	GEOTHERMAL LOOP RETURN
GLS	GEOTHERMAL LOOP SUPPLY
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
SMR	SNOWMELT HEATING RETURN
SMS	SNOWMELT HEATING SUPPLY
STEAM SYSTEMS	
HPR	CONDENSATE RETURN - HIGH PRESSURE
HPS	STEAM SUPPLY - HIGH PRESSURE
LPR	CONDENSATE RETURN - LOW PRESSURE
LPS	STEAM SUPPLY - LOW PRESSURE
MPR	CONDENSATE RETURN - MEDIUM PRESSURE
MPS	STEAM SUPPLY - MEDIUM PRESSURE
PC	PUMP CONDENSATE

PLUMBING SYSTEM DESIGNATIONS

AIR SYSTEMS	
CA	COMPRESSED AIR
DOMESTIC SYSTEMS	
CW	DOMESTIC COLD WATER
HW	DOMESTIC HOT WATER
HWC	DOMESTIC HOT WATER RECIRCULATION
HW	DOMESTIC HOT WATER
140°HW	140°F DOMESTIC HOT WATER
140°HWC	140°F DOMESTIC HOT WATER
NS	NON SOFTENED WATER
GAS SYSTEMS	
G	NATURAL GAS
MG	MEDIUM PRESSURE GAS
PG	PROPANE GAS
PD	PROPANE DRAIN
RAD	RADON VENTING
SANITARY SEWER / WASTE SYSTEMS	
AW	ACID WASTE
AV	ACID VENT
GW	GREASE WASTE
GV	GREASE VENT
PW	PUMPED WASTE
W or SS	SANITARY SEWER / WASTE
V	SANITARY VENT
SO	SAND & OIL WASTE
RD or ST	ROOF DRAIN / STORM DRAIN
OD or ST(OF)	OVERFLOW DRAIN / STORM OVERFLOW DRAIN

PLAN SYMBOLS LEGEND

PLAN	DESCRIPTION
⊕	DRAWING FLAG NOTE
⊕	DEMOLITION DRAWING FLAG NOTE
⊕	REVISION CLOUD TAG
⊕	SYSTEM DISCONNECT SYMBOL
⊕	SYSTEM NEW CONNECTION SYMBOL
XXX	MECHANICAL EQUIPMENT CALLOUT
XXX	MISC. OWNER EQUIPMENT CALLOUT
XXX	MEDICAL EQUIPMENT CALLOUT
⊕	ELEVATION/SECTION CALLOUT

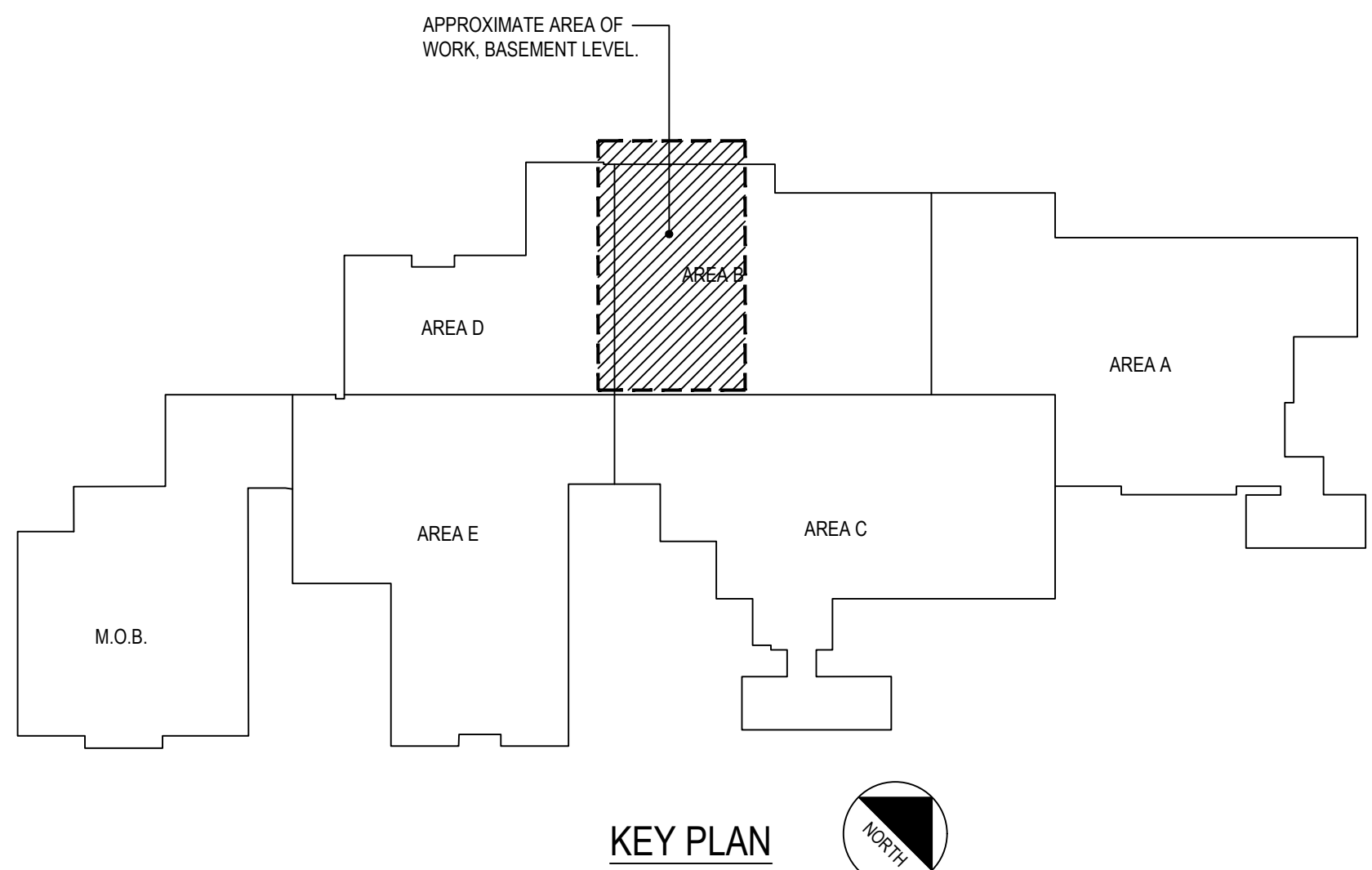
DUCTWORK LEGEND

ROUND DUCT		RECTANGULAR DUCT		DESCRIPTION
3D	PLAN	3D	PLAN	
				DUCT RISER
				DUCT DROP
				90° ELBOW DOWN (NEGATIVE PRESSURE)
				90° ELBOW DOWN (POSITIVE PRESSURE)
				90° ELBOW UP (NEGATIVE PRESSURE)
				90° ELBOW UP (POSITIVE PRESSURE)
				CHANGE IN ELEVATION
				SIZE TRANSITION
				RIGID DUCT TO FLEX DUCT CONNECTION
				90° RADIUS ELBOW
				90° MITERED ELBOW W/ TURNING VANES
				90° STRAIGHT TEE
				90° CONICAL TEE
				45° BRANCH
				45° CONICAL BRANCH
				FIRE DAMPER
				SMOKE DAMPER
				FIRE/SMOKE DAMPER
				MANUAL BALANCING DAMPER
				MOTORIZED BALANCING DAMPER
				BACKDRAFT DAMPER

PLUMBING FIXTURE CONNECTION SCHEDULE

ABBREVIATION	DESCRIPTION	CW	HW	WASTE	VENT
FD	FLOOR DRAIN	-	-	2" (min)	2"
FS	FLOOR SINK	-	-	3" (min)	2"
L or LAV	LAVATORY	1/2"	1/2"	2"	1-1/2"
MSB	MOP SERVICE BASIN	1/2"	1/2"	2"	1-1/2"
S	SINK	1/2"	1/2"	2"	1-1/2"
SH	SHOWER	1/2"	1/2"	2"	2"
TUB	BATH/TUB	1/2"	1/2"	2"	2"
UR	URINAL (FLUSH VALVE)	1"	-	2"	2"
UR	URINAL (WATERLESS)	-	-	2"	2"
WC	WATER CLOSET (FLUSH TANK)	1"	-	4"	2"
WC	WATER CLOSET (FLUSH VALVE)	1"	-	4"	2"
WH	WALL HYDRANT	1/2" (min)	-	-	-

- REMARKS:**
- MINIMUM DOMESTIC WATER PIPING SIZE TO ANY TWO OR MORE FIXTURES SHALL BE 3/4". MINIMUM DOMESTIC COLD WATER PIPING TO ANY ONE FLUSH VALVE WATER CLOSET PLUS ANY ONE ADDITIONAL FIXTURE SHALL BE 1-1/4". MINIMUM DOMESTIC COLD WATER PIPING TO ANY TWO FLUSH VALVE WATER CLOSETS SHALL BE 1-1/4". MINIMUM DOMESTIC COLD WATER PIPING TO ANY THREE FLUSH VALVE WATER CLOSETS SHALL BE 1-1/2". MINIMUM DOMESTIC COLD WATER PIPING TO ANY FOUR FLUSH VALVE WATER CLOSETS SHALL BE 2".
 - SIZES INDICATED ARE MINIMUM PIPE SIZES TO A SINGLE FIXTURE AND CONTEMPLATE INDIVIDUAL VENTING OF EACH FIXTURE. VENT CONNECTION MAY BE OMITTED WHERE SHOWN IN ISOMETRICS AND COMMON VENTING OR SIMILAR METHODS ARE EMPLOYED.
 - MINIMUM SIZES NOTED ABOVE MAY BE SUPERCEDED BY LARGER SIZES SHOWN ON PLANS.
 - NOT ALL FIXTURE TYPES LISTED ABOVE ARE NECESSARILY USED THIS PROJECT.
 - MULTIPLE TYPES OF A GIVEN FIXTURE (IE SH-1, SH-2, ETC) MAY OCCUR. REFER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.
 - MINIMUM WASTE & VENT PIPING SIZE SHALL BE 1-1/2" THROUGHOUT THE PROJECT.
 - ADDITIONAL PLUMBING FIXTURE CONNECTION TYPES (IE COFFEE MAKER, ICE MAKER BOXES, ETC) MAY OCCUR ON THE PROJECT THAT ARE NOT LISTED ABOVE.
 - PROVIDE ICE MAKER BOX ROUGH-IN WITH 1/2" WATER CONNECTION AND HAMMER ARRESTOR FOR ALL REFRIGERATORS IN NON-HARDENED CONSTRUCTION AREAS.



KEY PLAN

PIPING LEGEND

PLAN	DESCRIPTION
PIPE UP	PIPE UP
PIPE DN	PIPE DN
PIPE TEE	PIPE TEE
PIPE ANCHOR	PIPE ANCHOR
PIPE CAP	PIPE CAP
PIPE EXPANSION JOINT	PIPE EXPANSION JOINT
PIPE FLEXIBLE CONNECTION	PIPE FLEXIBLE CONNECTION
PUMP / EQUIPMENT CONNECTOR	PUMP / EQUIPMENT CONNECTOR

VALVES / ACCESSORIES

AIR VENT	DOUBLE CHECK BACKFLOW PREVENTER	GATE VALVE	ISOLATION BALL VALVE	FLOW BALANCING VALVE	PRESSURE GAUGE	PRESSURE REDUCING STATION	SAFETY RELIEF VALVE	SENSOR (MISCELLANEOUS, REFER TO PLANS)	SOLENOID VALVE	SHOCK ABSORBER	STRAINER	STRAINER WITH BLOW-OFF VALVE	STRAINER WITH VALVE	2-WAY TEMPERATURE CONTROL VALVE	3-WAY TEMPERATURE CONTROL VALVE	TEMPERATURE CONTROLLER OR SENSOR	THERMOMETER	UNION	VACUUM BREAKER	VENTURI / FLOW INDICATOR
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FIXTURES / DRAINS / CLEANOUTS / TRAPS

FLOOR DRAIN	FLOOR SINK	FLOOR CLEANOUT	HORIZONTAL CLEANOUT	HOSE BIBB OR WALL HYDRANT	ROOF DRAIN	STEAM TRAP	STEAM TRAP TEST CHAMBER
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ABBREVIATIONS

AAV	AIR ADMITTANCE VALVE	ADA	AMERICANS WITH DISABILITIES ACT	AF/AT	AMP FRAME, AMP TRIP	AFF	ABOVE FINISHED FLOOR	AFG	ABOVE FINISHED GRADE	AIC	AMPERES INTERRUPTING CAPACITY (SYMMETRICAL)	AMP or A	AMPERES	ASAF	AMP SWITCH, AMP FUSE	ATS	AUTOMATIC TRANSFER SWITCH	AVG	AVERAGE	AWG	AMERICAN WIRE GAUGE	BAS	BUILDING NONMETALLIC SYSTEM	BFG	BELOW FINISHED GRADE	C	CONDUIT	CB	CIRCUIT BREAKER	CIRC. CKT	CIRCUIT	CT	CURRENT TRANSFORMER	DEM. SHUT	DEMOLITION	DISC	DISCONNECT	(E)	EXISTING	EF	EXHAUST FAN	EMT	ELECTRICAL METALLIC TUBING	ENT	ELECTRICAL NONMETALLIC TUBING	EPD	EMERGENCY POWER OFF	(F)	FUTURE	FA	FIRE ALARM	FCT	FOR CONTINUATION	FFI	FOR FURTHER INFORMATION	FLA	FULL LOAD AMPS	FSD	FIRE SMOKE DAMPER	FT or ' "	FEET	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	GFP	GROUND FAULT PROTECTION	GRD	GROUND	W.D, H.L	WIDTH, DEPTH, HEIGHT, LENGTH	HCA	HAND-OFF CUT	HP	HORSEPOWER	HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	IG	ISOLATED GROUND	IN or ' "	INCHES	JBOX	JUNCTION BOX	KVA	KILOVOLT AMPERES	KW	KILOWATT	KWH	KILOWATT HOUR	LF	LINEAR FEET	LTS or L	LIGHTING	METER	METER	MAX	MAXIMUM	MCA	MINIMUM CIRCUIT AMPACITY	MCB	MAIN CIRCUIT BREAKER	MCC	MOTOR CONTROL CENTER	MM	THOUSAND CIRCULAR MILS	MCP	MOTOR CIRCUIT PROTECTOR	MFR	MANUFACTURER	MIN	MINIMUM	MISC	MISCELLANEOUS	MLO	MAIN LUGS ONLY	MOP	MAXIMUM OVERCURRENT PROTECTION	MON	MONITORING	MTD	MOUNTED	(N)	NEW	NO / NO	NORMALLY CLOSED / NORMALLY OPEN	NEC	NATIONAL ELECTRIC CODE	NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION	NF	NON-FUSED	NIC	NOT IN CONTRACT	NL	NIGHT LIGHT	No. or #	NUMBER	NTS	NOT TO SCALE	GFCI	OWNER FURNISHED, CONTRACTOR INSTALLED	P	POLE	PC	PHOTOCELL	PH	PHASE	PROVIDE	POTENTIAL TRANSFORMER	PVC	POLYVINYL CHLORIDE	(R)	RELOCATED	RE	REFER TO	REC or RECP	RECEPTACLE	RGS	RIGID GALVANIZED STEEL	RMS	ROOT MEAN SQUARE	SF	SQUARE FEET	SPD	SURGE PROTECTION DEVICE	SPST	SINGLE-POLE, SINGLE-THROW	SQ	SQUARE	TC	TIMECLOCK	TEL/DATA	TELEPHONE/DATA	TV	TELEVISION	TYP	TYPICAL	UGPS	UNDERGROUND PULL SECTION	UON	UNLESS OTHERWISE NOTED	UPS	UNINTERRUPTIBLE POWER SYSTEM	V	VOLTS	VA	VOLT AMPERES	VAV	VARIABLE AIR VOLUME	VD	VOLTAGE DROP	VFD	VARIABLE FREQUENCY DRIVE	W	WIRE	W	WITH	WP	WEATHERPROOF	XFRM	TRANSFORMER	%Z	PERCENTAGE IMPEDANCE
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SHEET INDEX - MECHANICAL / PLUMBING

NUMBER	NAME	DELIVERABLE
MP000	MECHANICAL NOTES, LEGENDS, & SCHEDULES	•
P100	PARTIAL LOWER LEVEL LAUNDRY PLUMBING DEMOLITION PLAN	•
P200	PARTIAL LOWER LEVEL LAUNDRY MECHANICAL NEW WORK PLAN	•
M100	PARTIAL LOWER LEVEL LAUNDRY MECHANICAL DEMOLITION PLAN	•
M200	PARTIAL LOWER LEVEL LAUNDRY MECHANICAL NEW WORK PLAN	•
M300	PARTIAL LOWER LEVEL LAUNDRY PIPING NEW WORK PLAN	•
M400	CHILLED WATER PIPING SCHEMATIC - NEW WORK	•
MP500	MECHANICAL / PLUMBING DETAILS	•
MP500	MECHANICAL / PLUMBING DETAILS	•
M600	MECHANICAL CONTROLS	•

ST-B PROJECT NO.: 2645.24

NO	SUBMISSION	DATE
1	HLS MINOR PROJECTS SUBMITTAL	02/13/26
2	PERMIT	04/09/26
3	ISSUE FOR BID	04/11/2026

SHEET NAME: MECHANICAL / PLUMBING LEGEND & NOTES

SHEET NO: MP000

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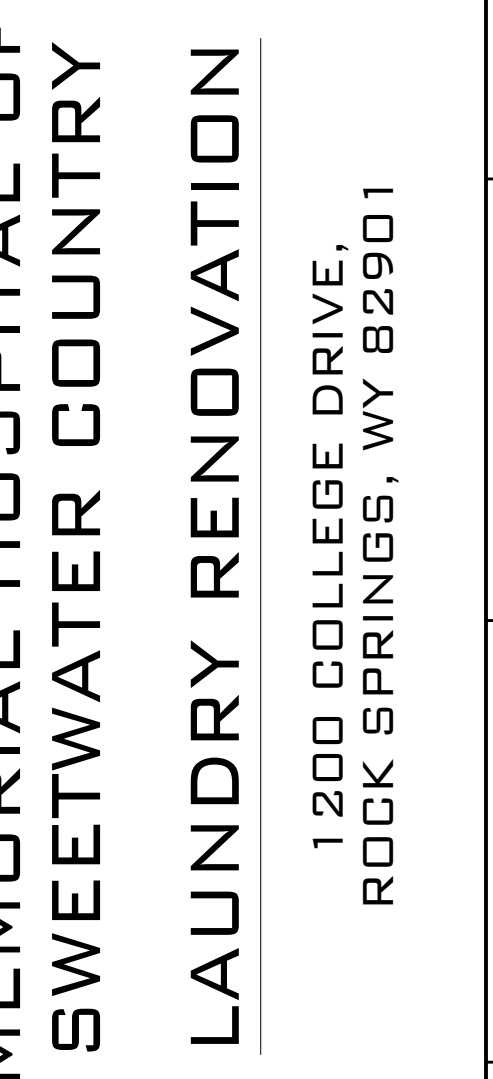
Memorial Hospital
OF SWEETWATER COUNTY

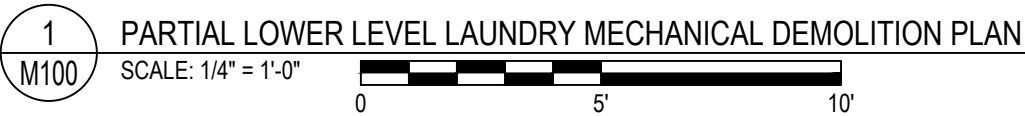
MEMORIAL HOSPITAL OF SWEETWATER COUNTRY
LAUNDRY RENOVATION
1200 COLLEGE DRIVE,
ROCK SPRINGS, WY 82901





- 1 DUCT PIPING PENETRATION THROUGH 8 FT WIDE OA DUCT. PROVIDE PIPING INSULATION AND HEAT TRACE, 10 WLF WITH 120B CONNECTION.
- 2 (N) 2" W UP TO NEW FLOOR SINKS OR FLOOR DRAINS ABOVE. BASED ON ZURN Z415 AND Z119. TYP.
- 3 3/4" CW TO DRYER FIRE SUPPRESSION WITH 3/4-11 1/2 NH THREAD TO MANUFACTURER SUPPLIED HOSE W/ SINGLE FEMALE Y-CONNECTOR.

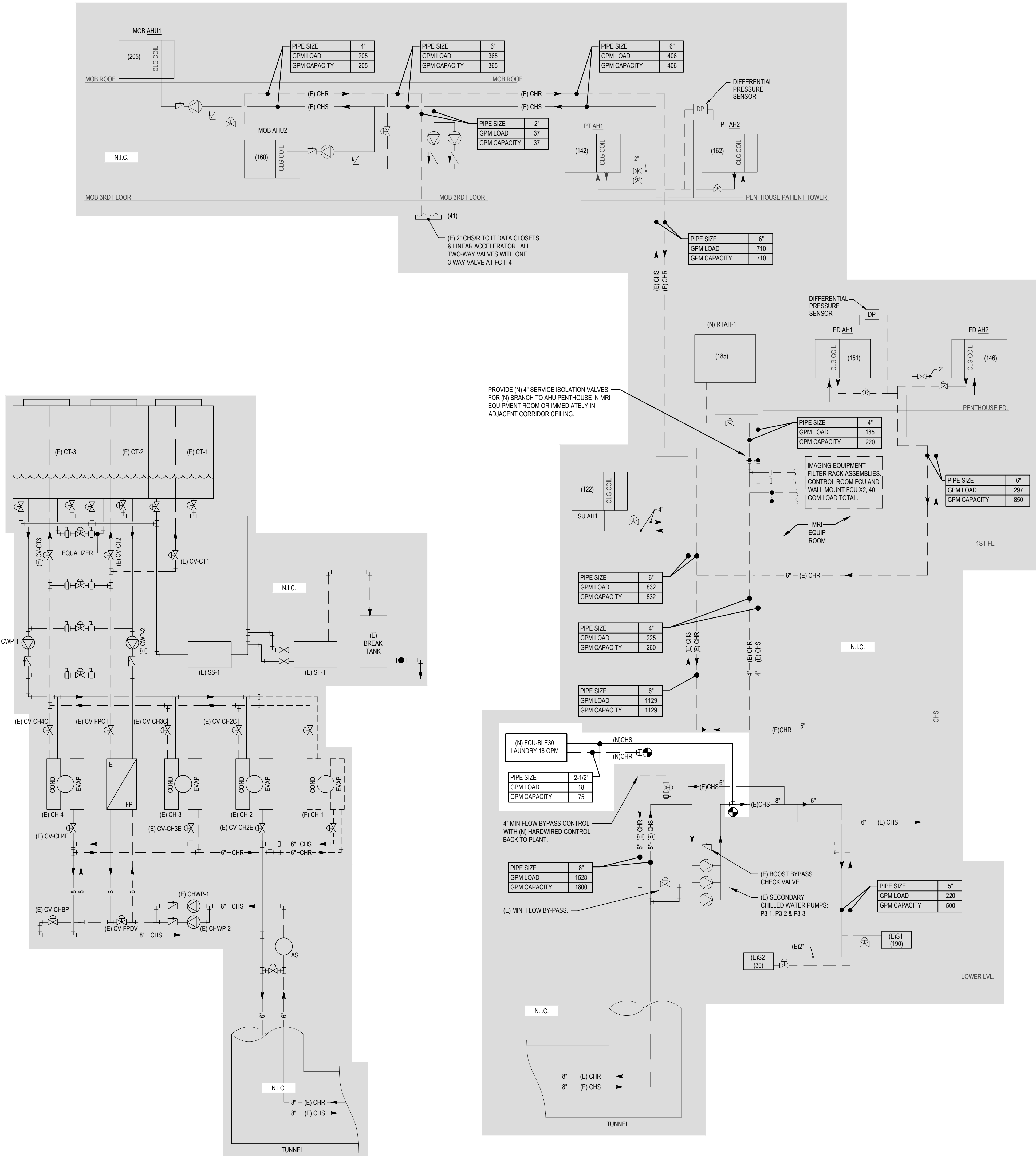
200



M100



30443 - 2:18pm 8/18/2025 3:20 PM
M400 - CHILLED PLANT FLOW SCHEMATIC - SHOWN FOR REFERENCE ONLY
M400 - BUILDING CHILLED WATER - FLOW SCHEMATIC - NEW WORK



2 CHILLED PLANT FLOW SCHEMATIC - SHOWN FOR REFERENCE ONLY
M400 SCALE: NONE

1 BUILDING CHILLED WATER - FLOW SCHEMATIC - NEW WORK
M400 SCALE: NONE

NEW CHILLED WATER LOAD SUMMARY						
TAG	SERVES	VINTAGE	FLOW (GPM)	DESIGN DT (DEG F)	LOAD (TONS)	REMARKS
CC-1	ED AHU-1	2006	151	12	76	EMERGENCY DEPT. AHU-1
CC-2	ED AHU-2	2006	146	12	73	EMERGENCY DEPT. AHU-2
CC-3	SU AHU-1	2006	122	12	61	"SAME DAY" SURGERY, AHU-1
CC-4	PT AHU-1	2006	142	12	71	PATIENT TOWER, AHU-1
CC-5	PT AHU-2	2006	162	12	81	PATIENT TOWER, AHU-2
S-1	ORIGINAL HOSPITAL	1975	190	10	79	ADMIN & MISC FUNCTIONS
S-2	ORIGINAL HOSPITAL	1975	30	10	13	DIETARY (100% OA)
RTAH-1	ORIGINAL HOSPITAL	2020	185	16	123	ORIGINAL OR'S, IMAGING SUITE, '85 BASEMENT (ADMIN), AND LAUNDRY MAU. STATED LOAD ASSUMES FAILED ERV CONDITION.
(N) FCU-BLE 30	LAUNDRY	2026	18	12	8.6	
MOB: AHU-1	MOB	2013	205	12	103	
MOB: AHU-2	MOB	2013	160	12	80	
N/A	LINEAR ACCELERATOR	2013	4	12	2.0	
FCU-IT 2,3,6	MOB DATA ROOMS	2013	20.1	10	8.4	QTY (3) UNITS @ 6.7 GPM EA
FCU-IT 4,5	MOB DATA ROOMS	2013	17	10	7.1	QTY (2) UNITS @ 8.5 GPM EA
N/A	MRI SEP CABINET	2016	29	14	19	MRI EQUIPMENT COOLING
N/A	MRI / CT CONTROL RM	2016	6.5	10	2.7	CONTROL ROOM SPACE
CRAC-1	MRI EQUIP ROOM	2016	17.7	13.6	7.5	LOAD HAS REDUCED SINCE REMOVAL OF CT UPS
N/A	CT MACHINE COOLING	2018	6	13.6	3.4	
CT EQUIP: WFCU	CT EQUIP ROOM	2018	2	14	1.2	
IMAGING IT CLOSET: WFCU	IT IDF ROOM	2018	2	14	1.2	
TOTALS			1615	12.4	820	
NOTE C						
GENERAL NOTES:						
ALL CHILLED WATER LOADS ABOVE ARE EXISTING WITH THE EXCEPTION OF THE NEW FCU-BLE30 (LAUNDRY).						
A. TOTALS ABOVE INDICATE SUM OF ALL COIL & EQUIPMENT FLOW PEAK VALUES. ACTUAL MAXIMUM PLANT CHILLED WATER FLOW AND LOAD FOR EXISTING HOSPITAL AND MOB IS ANTICIPATED TO BE APPROXIMATELY 1250 GPM AND 600 TONS.						
B. THE ABOVE REPRESENTS NEW CONDITIONS AFTER ESTABLISHING THE NEW PENTHOUSE ROOF TOP AIR HANDLING UNIT RTAH-1. THIS PROJECT DOES NOT ADD LOAD TO THE FACILITY. TOTAL FLOW AND LOAD TALLY INCREASE IS DUE TO RESERVE CAPACITY IN THE NEW RTAH-1 TO ALLOW FOR FUTURE BACKFEED OF EXISTING S-1 AIR HANDLING SYSTEM. THUS STATED LOAD CAPACITY OF THE NEW RTAH-1 ABOVE IS NOT REALIZED IN THE CURRENT CONFIGURATION.						
C. "TOTAL" CHILLED WATER TEMPERATURE DIFFERENTIAL NOTED ABOVE IS A WEIGHTED AVERAGE OF COIL DESIGN TEMPERATURES RISES BASED ON ASSOCIATED LOADS.						
D. S-5 TAG NOT USED. THIS ORIGINAL UNIT WAS REMOVED DURING 2006 ADDITION AND RENOVATION						
E. S-3, S-4 & SD-6 TAGS NOT USED. THESE UNITS ARE REMOVED DURING 2020 COVID VENTILATION UPGRADES PROJECT.						

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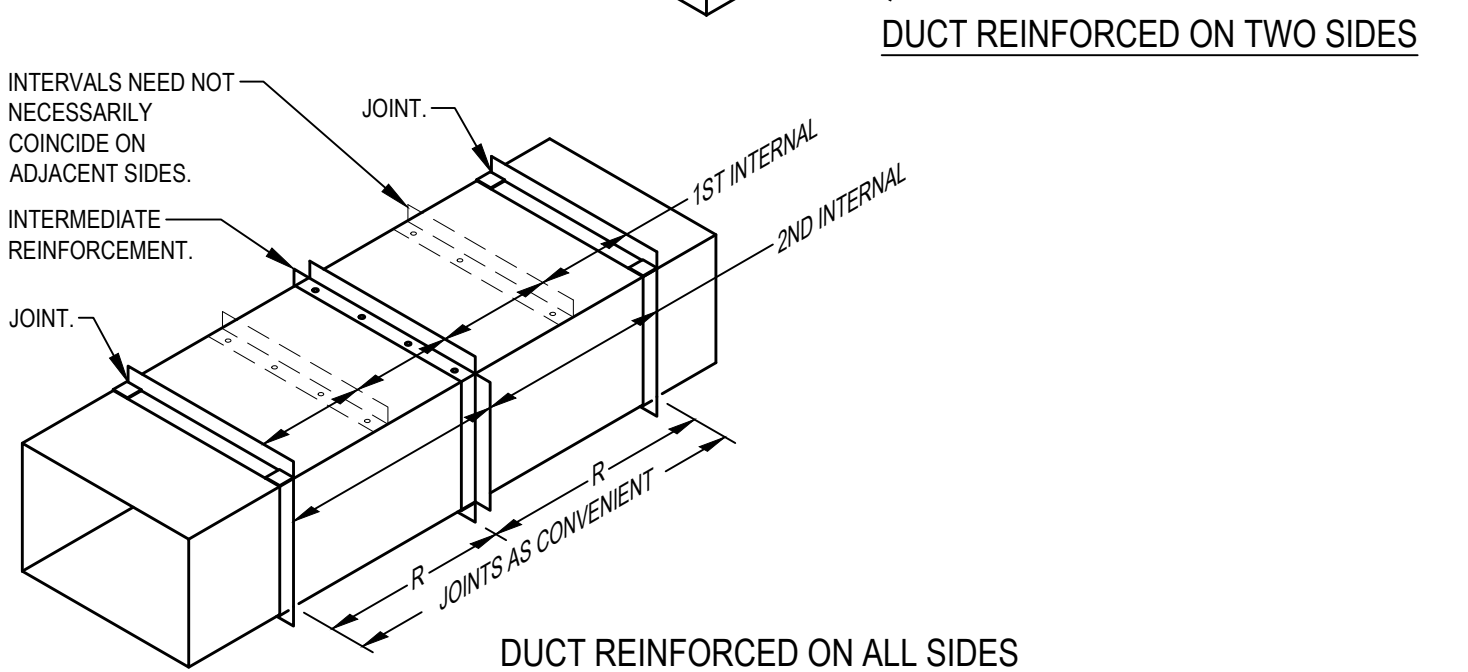
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SWEETWATER COUNTY
LAUNDRY RENOVATION
1200 COLLEGE DRIVE,
ROCK SPRINGS, WY 82901

ST-B PROJECT NO.: 2645.24		
NO	SUBMISSION	DATE
1	HLS MINOR PROJECTS	02/13/26
2	SUBMITTAL	04/09/26
3	PERMIT	04/09/26
4	ISSUE FOR BID	01/1/2025
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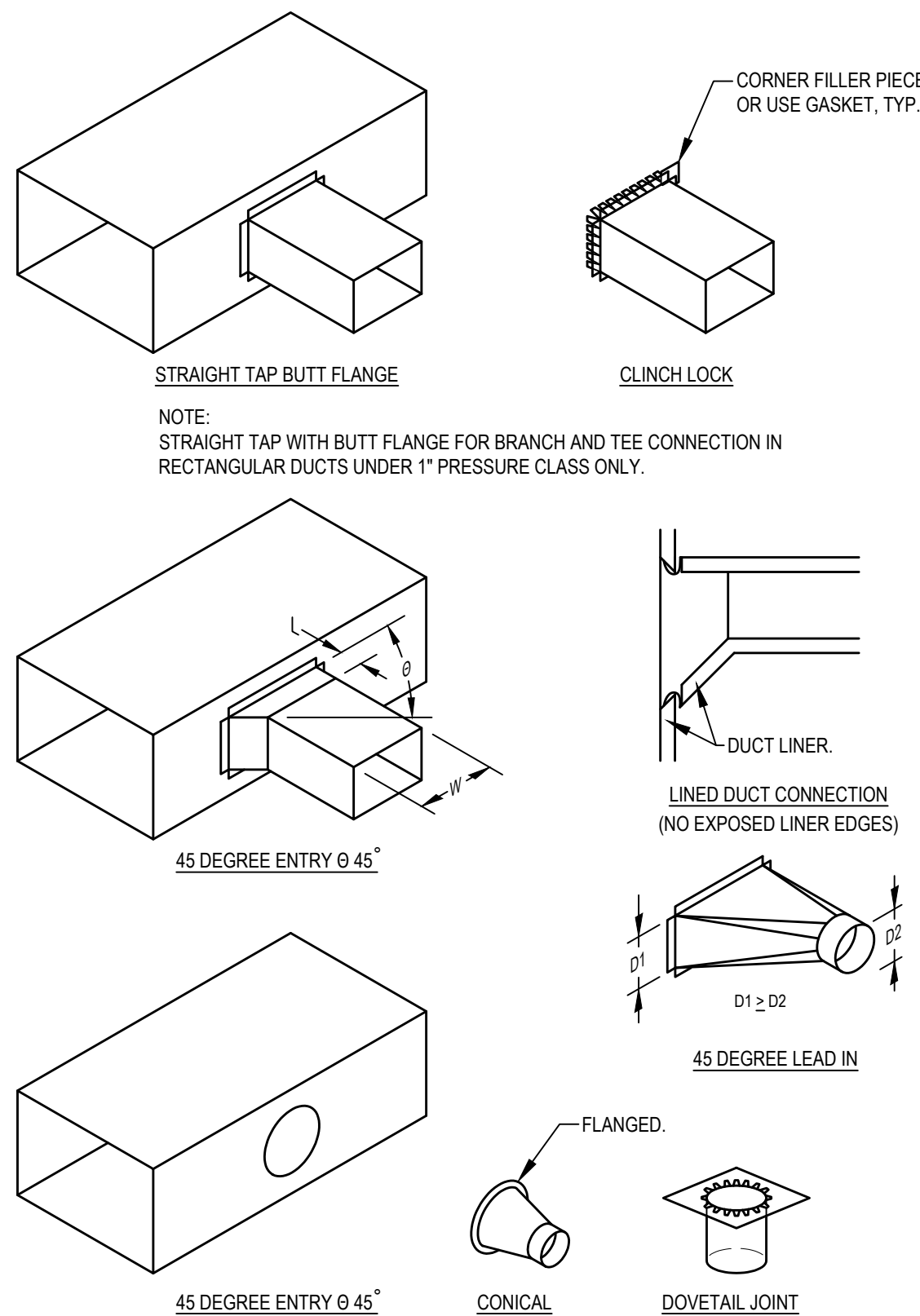
SHEET NAME
CHILLED WATER
SYSTEM SCHEMATIC
- NEW WORK

SHEET NO.
M400

- NOTES:
1. 'R' IS AN ALLOWABLE REINFORCEMENT INTERVAL.
 2. TOP AND BOTTOM JOINTS MUST QUALIFY AS REINFORCEMENT.
 3. DUCT SIZES 19" WIDE AND LARGER WHICH HAVE MORE THAN 10 SQ. FT. OF UNBRACED PANEL, SHALL BE BEADED OR CROSS-BROKEN UNLESS DUCT WILL HAVE INSULATION COVERING OR ACOUSTICAL LINER. THIS REQUIREMENT IS APPLICABLE TO 20 GAUGE OR LESS THICKNESS AND 3" WG OR LESS.
 4. RE: SPECIFICATIONS FOR ADDITIONAL INFORMATION.

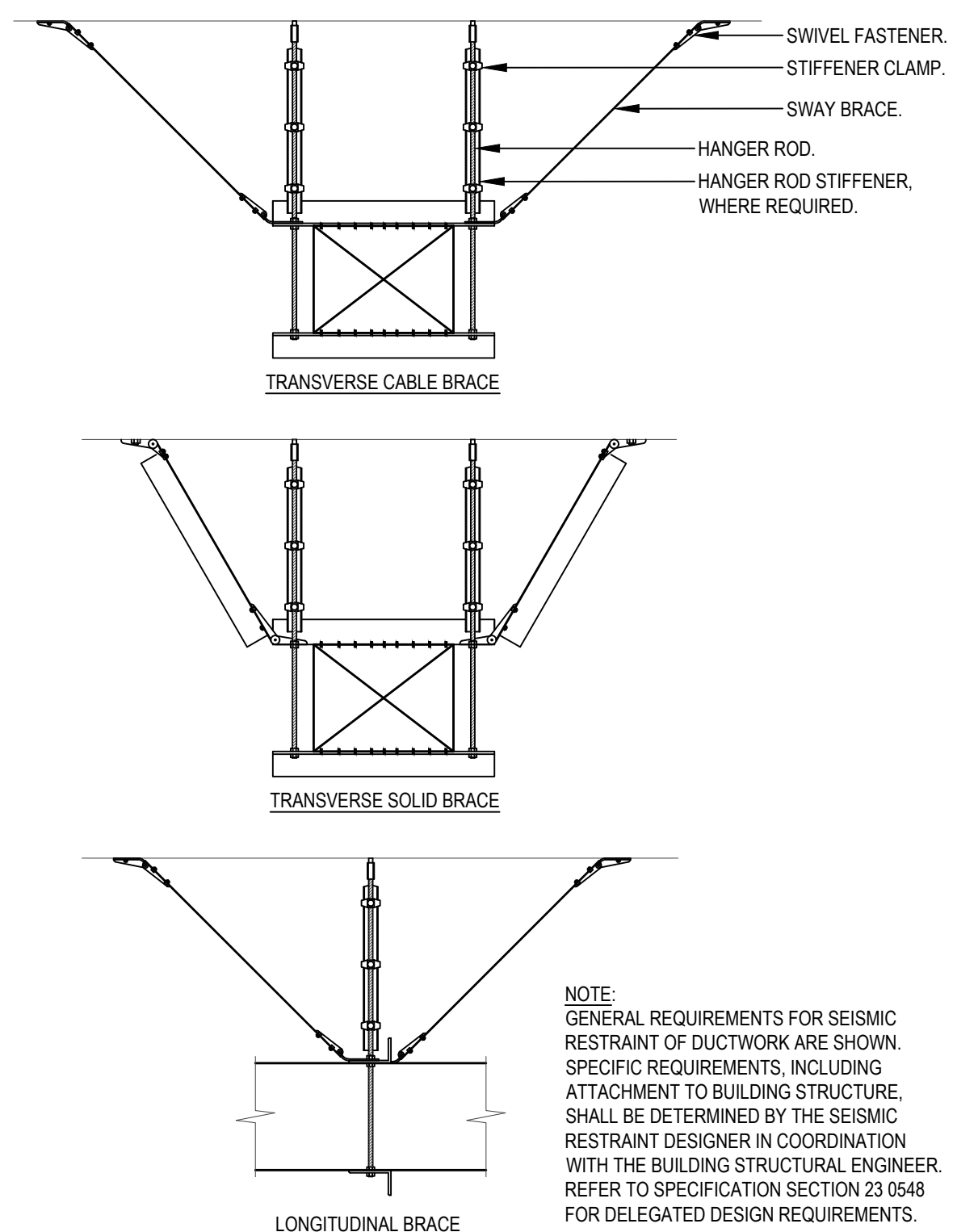


9 DUCT REINFORCEMENT DETAIL
SCALE: NONE 23 3100-06

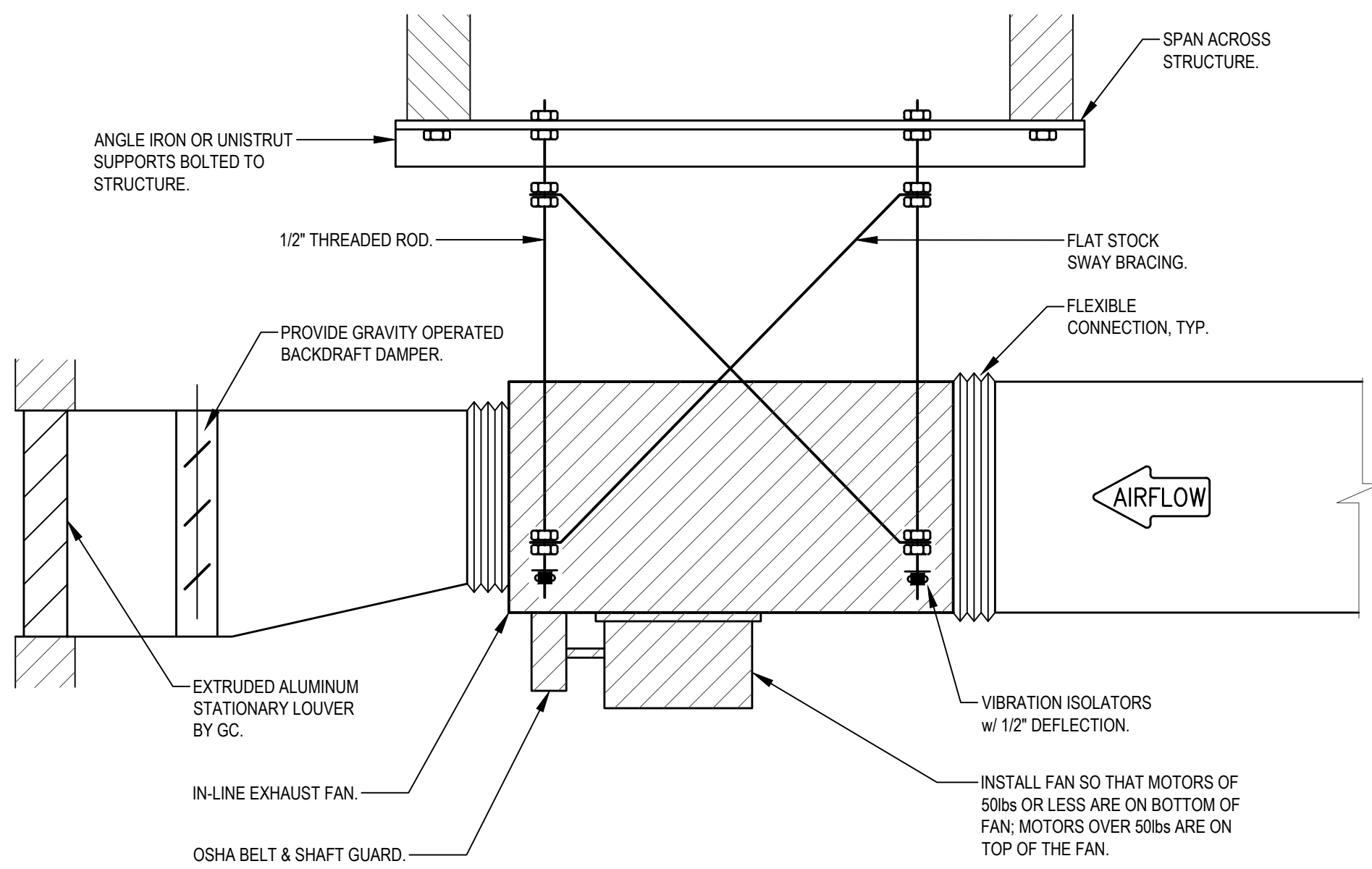


- NOTES:
1. DO NOT USE CONNECTIONS WITH SCOOPS.
 2. FIT ALL CONNECTIONS TO AVOID VISIBLE OPENINGS AND SECURE THEM SUITABLY FOR THE PRESSURE CLASS.
 3. ADDITIONAL MECHANICAL FASTENERS ARE REQUIRED FOR 4" W.G. AND OVER.
 4. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

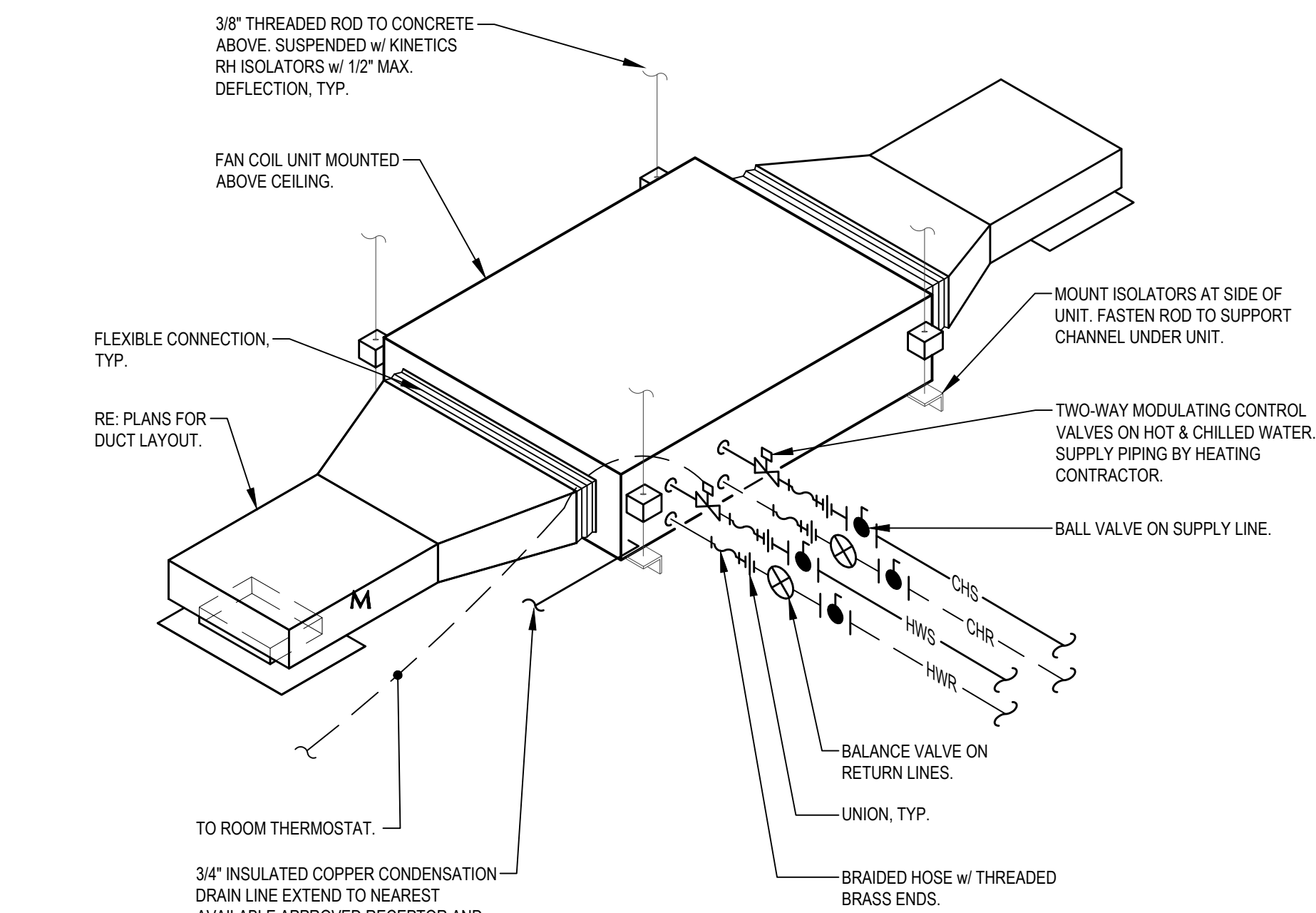
8 BRANCH CONNECTION DETAIL
SCALE: NONE 23 3100-01



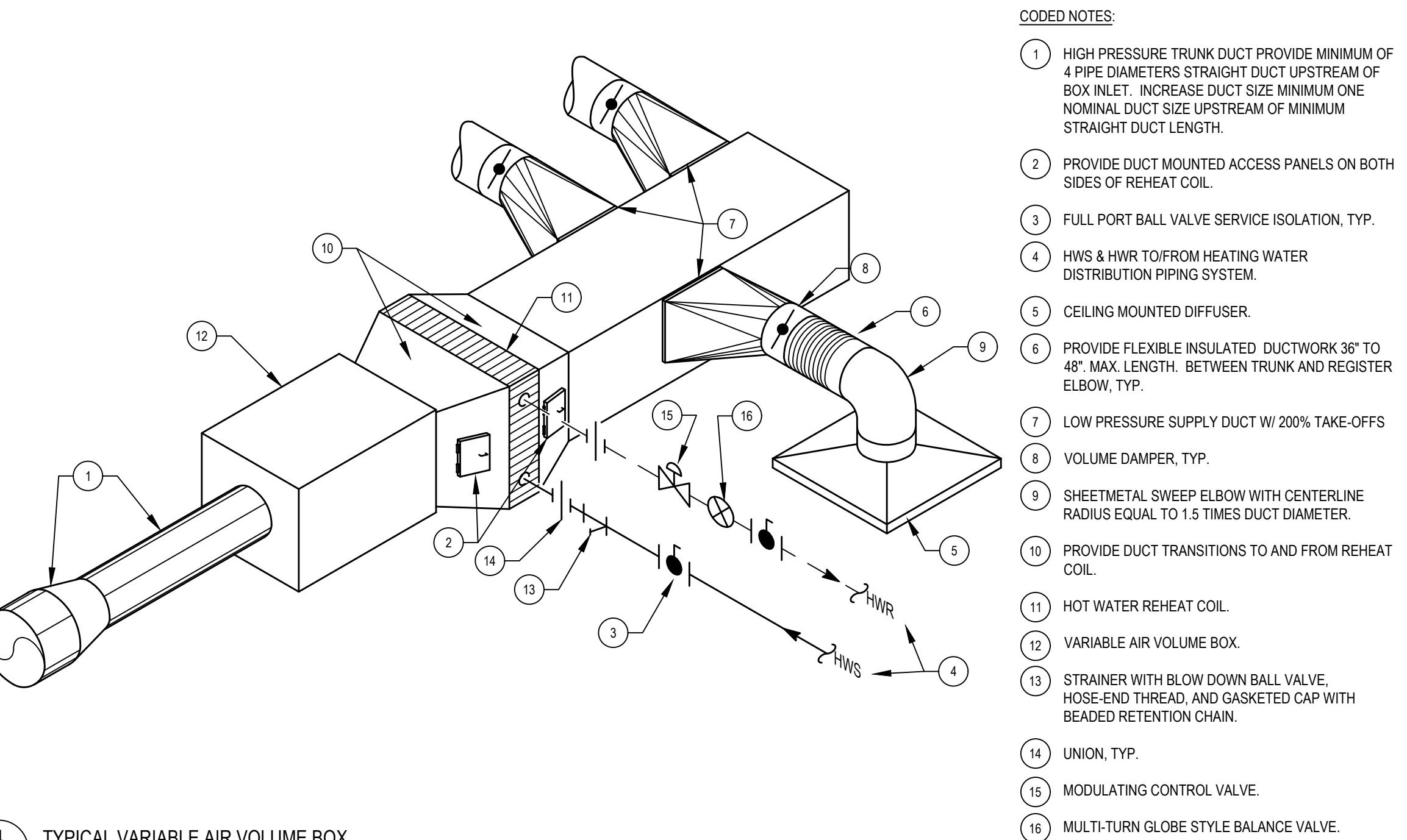
7 SEISMIC BRACING OF SUSPENDED DUCTWORK DETAIL
SCALE: NONE 23 0548-03



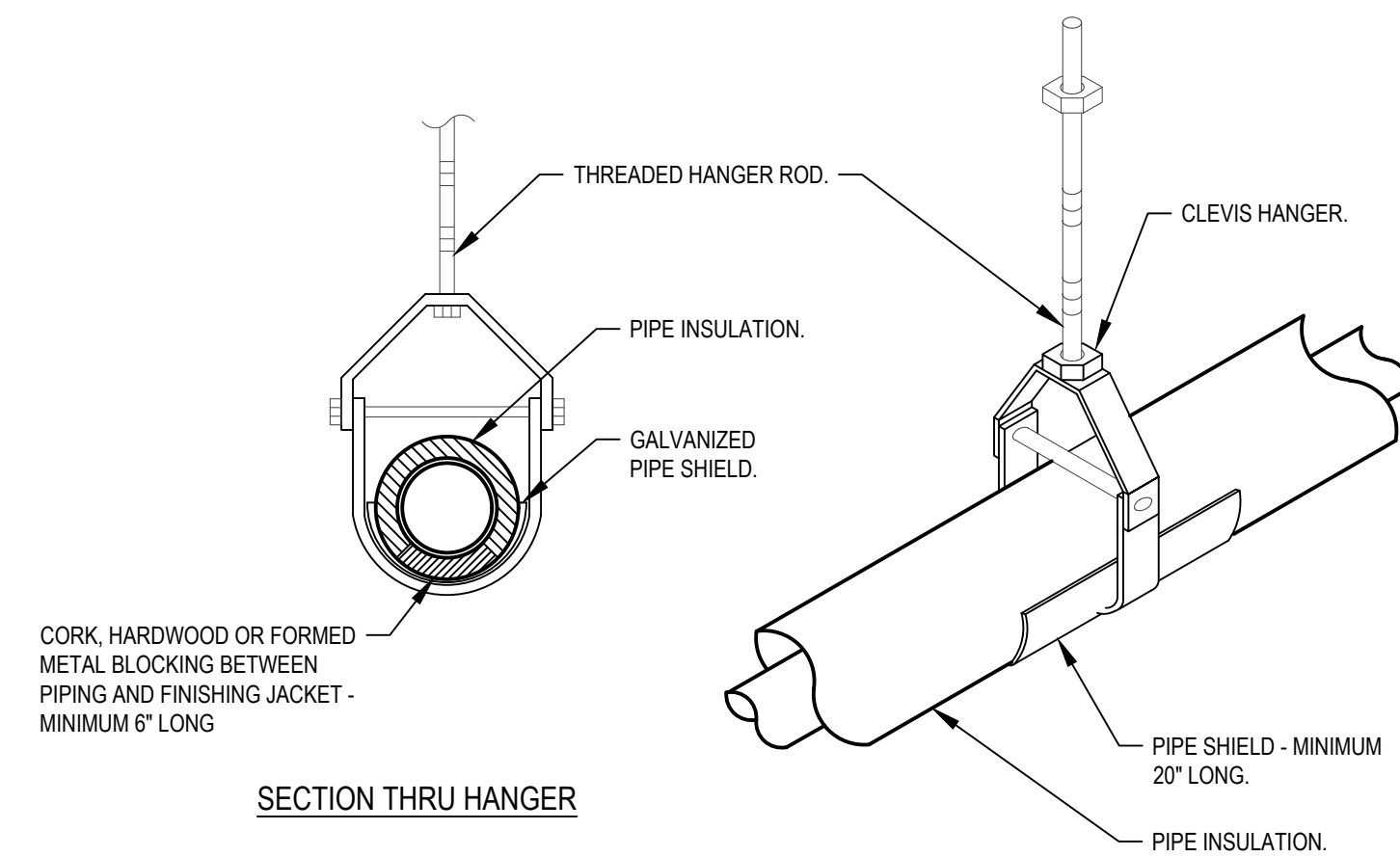
6 INLINE EXHAUST FAN DETAIL - SUSPENDED
SCALE: NONE 23 3423-06



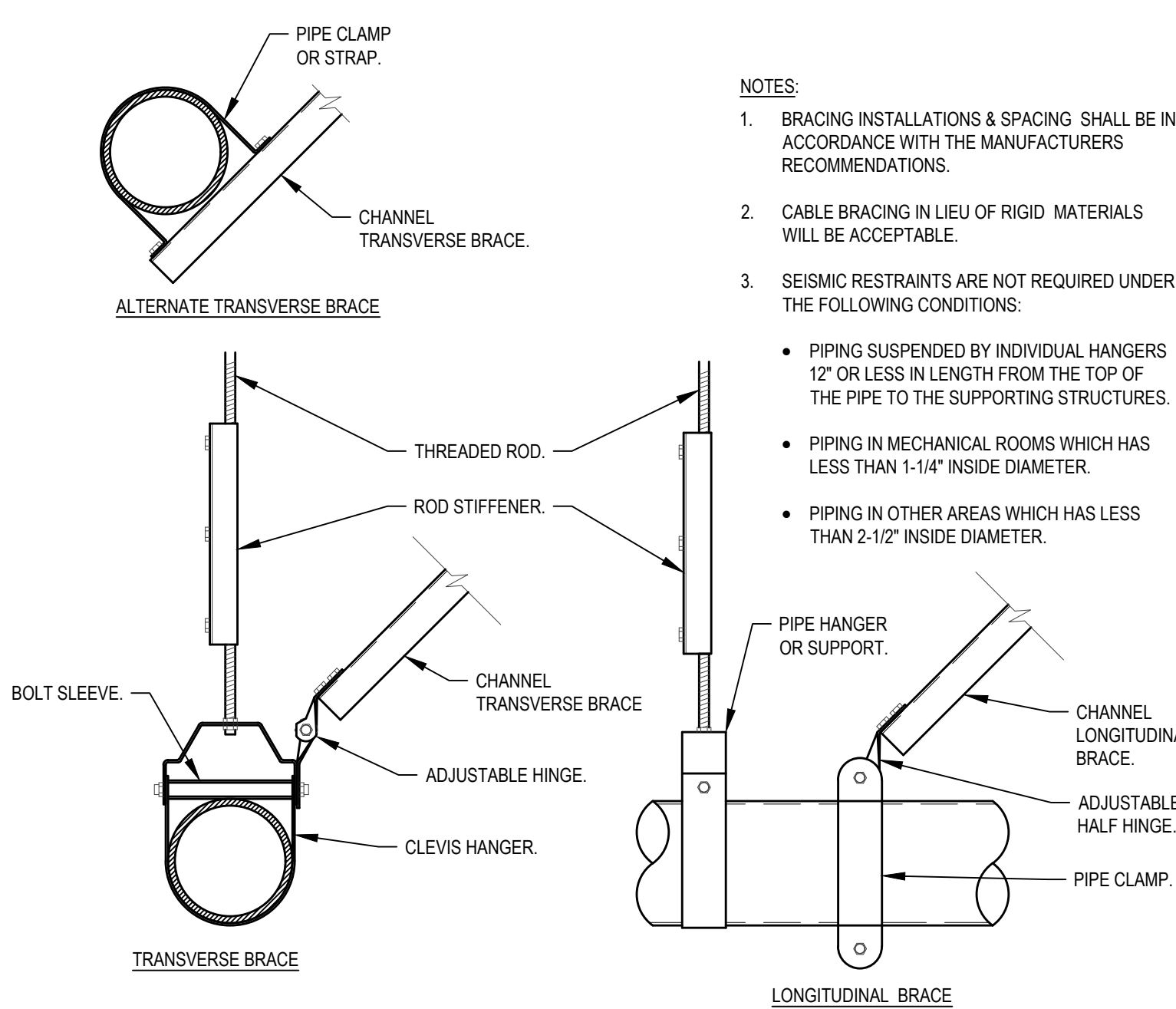
5 FAN COIL UNIT DETAIL - HORIZONTAL, DUCTED, FOUR PIPE
SCALE: NONE 23 8101-02



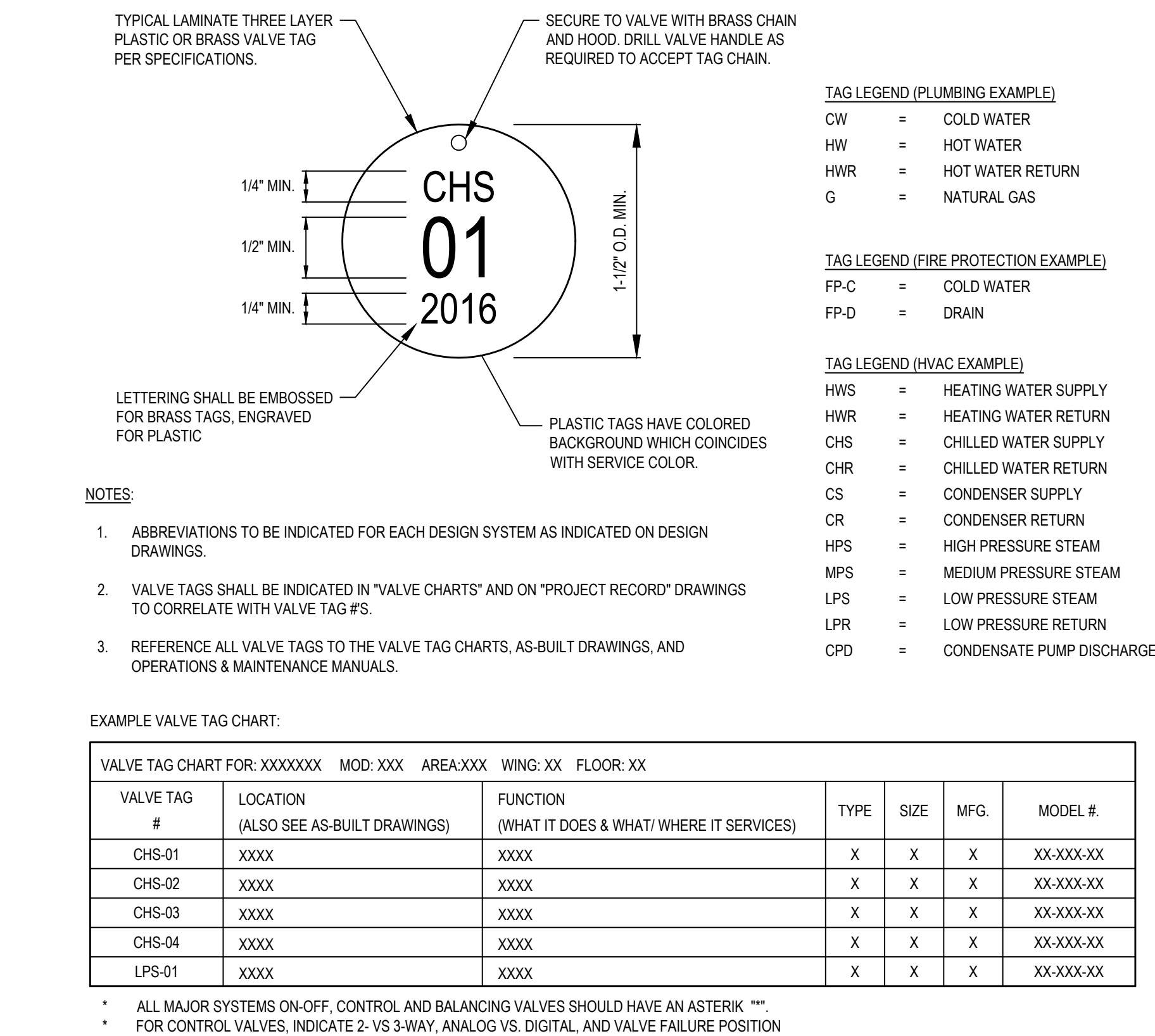
4 TYPICAL VARIABLE AIR VOLUME BOX
SCALE: NONE 23 3600-09



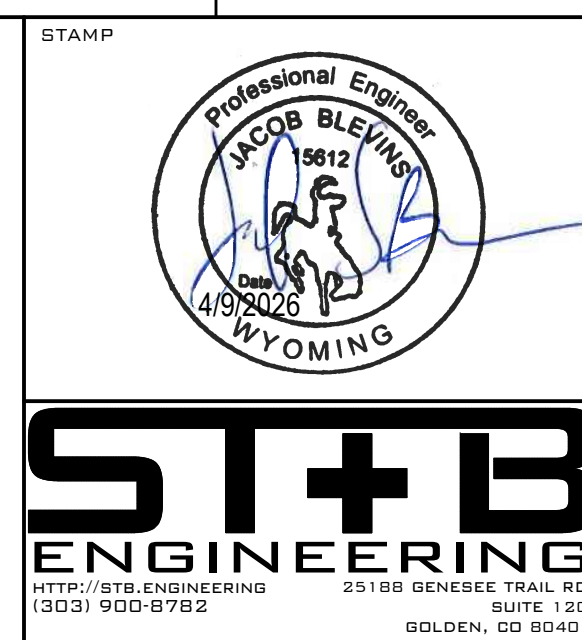
3 TYPICAL PIPE HANGER DETAIL
SCALE: NONE 23 0529-01



2 SINGLE PIPE BRACING FOR SEISMIC REQUIREMENTS DETAIL
SCALE: NONE 23 0529-03



1 MECHANICAL IDENTIFICATION - VALVE TAG AND CHART DETAIL
SCALE: NONE 23 0553-01



MEMORIAL HOSPITAL OF
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1200 COLLEGE DRIVE,
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NO	SUBMISSION	DATE
1	HLS MINOR PROJECTS SUBMITTAL	02/13/26
2	PERMIT	04/09/26
3	ISSUE FOR BID	6/11/2026

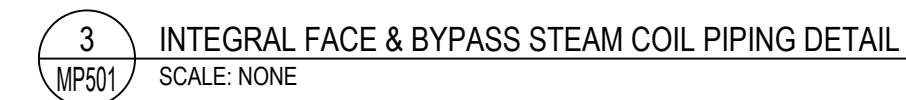
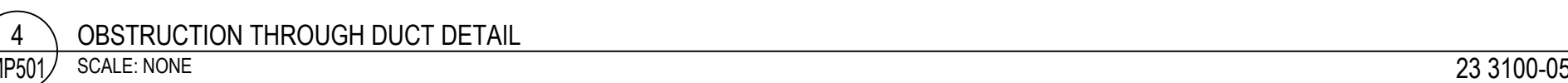
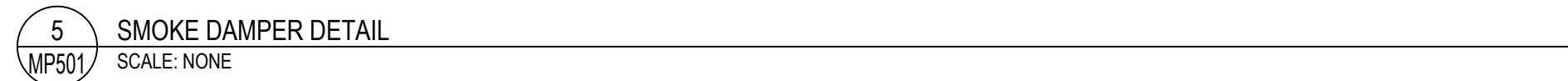
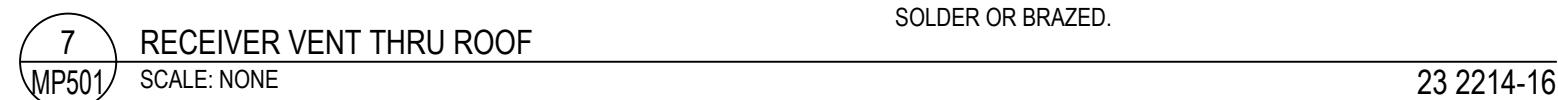
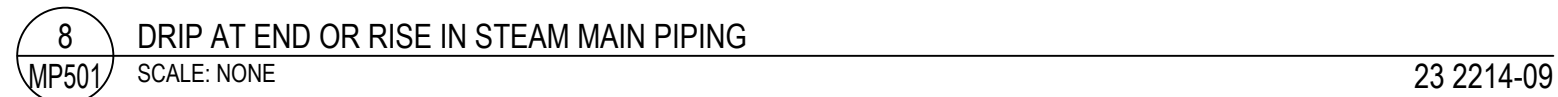
TAG LEGEND (PLUMBING EXAMPLE)
CW = COLD WATER
HW = HOT WATER
HWR = HOT WATER RETURN
G = NATURAL GAS

TAG LEGEND (FIRE PROTECTION EXAMPLE)
FP-C = COLD WATER
FP-D = DRAIN

TAG LEGEND (HVAC EXAMPLE)
HWS = HEATING WATER SUPPLY
HWR = HEATING WATER RETURN
CHS = CHILLED WATER SUPPLY
CHR = CHILLED WATER RETURN
CS = CONDENSER SUPPLY
CR = CONDENSER RETURN
HPS = HIGH PRESSURE STEAM
MPS = MEDIUM PRESSURE STEAM
LPS = LOW PRESSURE STEAM
LPR = LOW PRESSURE RETURN
CPD = CONDENSATE PUMP DISCHARGE

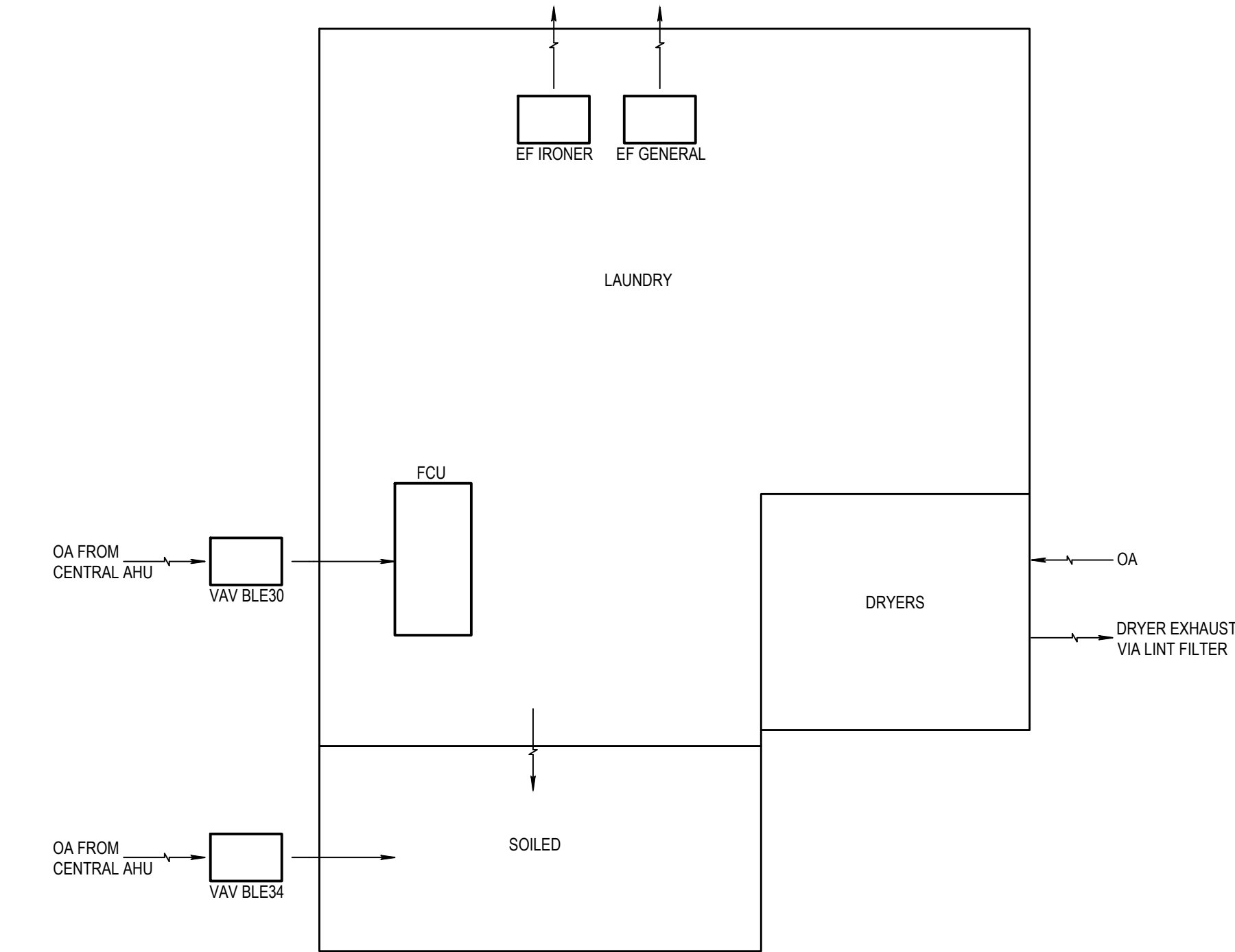
MECHANICAL /
PLUMBING DETAILS

MP500



- 1 1/2" VACUUM BREAKER, TYP.
- 2 COMPOUND PRESSURE GAUGE w/ SYPHON LOOP.
- 3 ISOLATION VALVE, TYP.
- 4 STRAINER w/ CAPPED BLOWDOWN VALVE, TYP.
- 5 FLOAT AND THERMOSTATIC TRAP SIZED FOR FULL CO
AT 0.25 PSI DIFFERENTIAL.
- 6 TEST TEES, TYP.
- 7 CHECK VALVE.
- 8 TWO-WAY, TWO POSITION (OPEN/CLOSED) CONTROL
VALVE.
- 9 1/2" MINIMUM VERTICAL DROP TO TRAP.
- 10 INVERTED BUCKET END-OF-MAIN DRIP (EOMD).
- 11 THERMOSTATIC AIR VENT AT EOMD.
- 12 HORIZONTAL TUBE STEAM HEATING COIL w/ INTEGRATE
FACE & BYPASS W/IN DAMPERS.

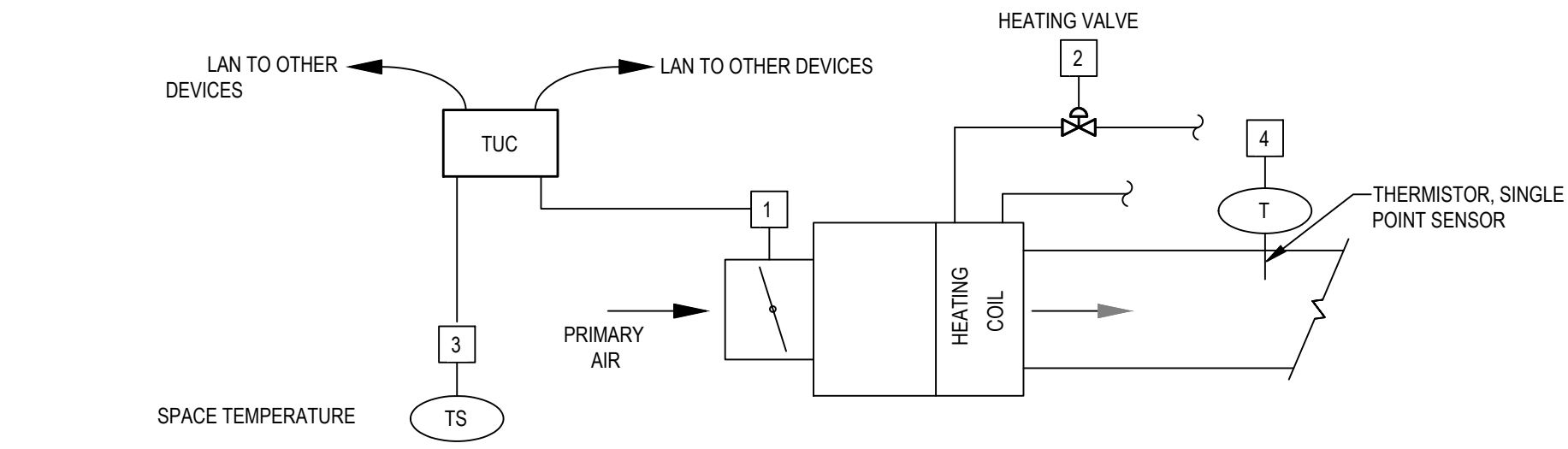
AIR BALANCE SCHEDULE - MHSC LAUNDRY RENOVATION														
ROOM NAME	EQUIPMENT TAG	AREA (SF)	CEILING HEIGHT	VOLUME (CF)	REQUIRED VOLUME		SPACE PRESSURE	DESIGN VOLUME (CFM)				ODA ACH	ODA (CFM)	REMARKS
					ACH	CFM		SUPPLY	RETURN	EXHAUST	DIFF.			
LAUNDRY BLE30	LAUNDRY, GENERAL EXHAUST FAN LAUNDRY, IRONER EXHAUST VAV SUPPLY FAN COIL UNIT	1400	8	11200	10	1867	NEGATIVE	2000	-	-2200	-200	2	373	2
								-	-	-2000	-			
								0	-	-1450	-			
								1800	-	-	-			
								4000	-1800	-	-			
SOILED LINEN BLE31-33	VAV-BLE34, GENERAL EXH EF-BLE30	420	8	3360	10	560	NEGATIVE	575	NA	-650	-75	0	0	-
STORAGE BLE34	VAV-BLE34, GENERAL EXH EF-BLE30	89	8	712	10	119	NEGATIVE	150	NA	-175	-25	2	24	-
CLEAN LINEN STORAGE, BLE35	VAV-BLE41	508	8	4064	2	135	POSITIVE	0	-350	-	-215	0	0	1
TOTALS		2417				2681							397	



5 AIR BALANCE SCHEMATIC
SCALE: NONE

BAS POINTS LIST							
TAG	NAME/FUNCTION	AI	AO	DI	DO	REMARKS	QTY
1	VAV PRIMARY AIR VALVE		●				1
2	HEATING CONTROL VALVE		●			MODULATING VALVE	1
3	SPACE TEMPERATURE SENSOR	●				ALARM AT BAS	1
4	DISCHARGE AIR TEMPERATURE SENSOR	●					1
5	OCCUPIED COOLING SPACE TEMP. SETPOINT					PROGRAMMABLE SOFTWARE POINT	N/A
6	OCCUPIED HEATING SPACE TEMP. SETPOINT					PROGRAMMABLE SOFTWARE POINT	N/A
7	VAV TERMINAL AIRFLOW	●					1
8	MIN VAV AIRFLOW SETPOINT					PROGRAMMABLE SOFTWARE POINT	N/A
9	MAX VAV AIRFLOW SETPOINT					PROGRAMMABLE SOFTWARE POINT	N/A
10	HEATING MIN AIRFLOW SETPOINT					PROGRAMMABLE SOFTWARE POINT	N/A
11	HEAT STATUS (VIA DISCHARGE AIR SENSOR)	●					1
12	UNOCCUPIED COOLING SPACE TEMP. SETPOINT					PROGRAMMABLE SOFTWARE POINT	N/A
13	UNOCCUPIED HEATING SPACE TEMP. SETPOINT					PROGRAMMABLE SOFTWARE POINT	N/A
14	VALVE OVERRIDE				●		1
15	HEAT OVERRIDE				●		1

- NOTES:
1. HIGH AND LOW TEMP ALARMS AT BAS FOR CRITICAL SPACES (TELECOM, ELECTRICAL, COMPUTER ROOM)
2. PROVIDE TREND DATA FOR ALL POINTS SHOWN. TRENDING DATA SHALL BE STORED USING NON-VOLATILE MEMORY WITHIN THE BAS. DATA SHALL BE RECORDED AT A MINIMUM OF EVERY 15 MINUTES AND KEPT FOR A PERIOD OF A MINIMUM OF 12 MONTHS. THE CONTROL SYSTEM SHALL ALSO BE CAPABLE OF PROVIDING CUSTOM EXPORTS BASED ON SELECTED POINTS AND TIME FRAMES AND EXPORTS SHALL BE PROVIDED IN CSV OR XLS FILE FORMAT.

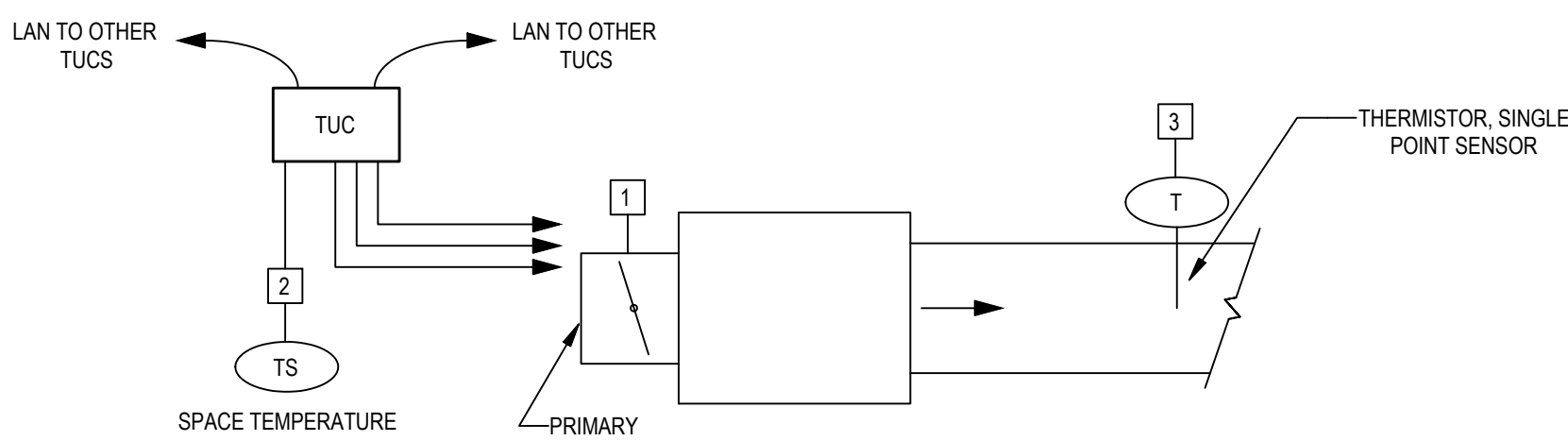


SEQUENCE OF OPERATION:
THE DISCHARGE AIR TEMPERATURE SENSOR SHALL BE USED FOR INDICATION ONLY.
SEPARATE HEATING AND COOLING SETPOINT CAPABILITY SHALL BE PROVIDED. WHEN THE SPACE TEMPERATURE FALLS BETWEEN THE HEATING AND COOLING SETPOINTS, NO HEATING OR COOLING ENERGY SHALL BE PROVIDED. THE PRIMARY AIR VALVE SHALL REMAIN AT ITS MINIMUM POSITION.
UNOCCUPIED MODE:
DURING THE UNOCCUPIED MODE OF OPERATION, THE TERMINAL UNIT SHALL CONTROL AS DURING THE OCCUPIED MODE EXCEPT THAT THE COOLING TEMPERATURE SETPOINT SHALL BE 80°F (ADJUSTABLE) AND THE HEATING TEMPERATURE SETPOINT SHALL BE 65°F (ADJUSTABLE). THE SETUP AND SETBACK TEMPERATURES SHALL BE ADJUSTABLE. NO HEATING OR COOLING ENERGY SHALL BE UTILIZED BETWEEN THE HEATING AND COOLING SETPOINT TEMPERATURES EXCEPT THAT PROVIDED BY THE MINIMUM PRIMARY AIR FLOW. DURING THE TRANSITION FROM OCCUPIED TO UNOCCUPIED MODES, SPACE TEMPERATURE SHALL BE ALLOWED TO 'FLOAT' FROM THE OCCUPIED TO THE UNOCCUPIED SPACE TEMPERATURE SETPOINTS WITHOUT THE ADDITION OF ANY HEATING OR COOLING ENERGY EXCEPT THAT PROVIDED BY THE MINIMUM PRIMARY AIR FLOW.
OCCUPIED MODE:
ON A FALL IN SPACE TEMPERATURE TOWARD SETPOINT (73°F +/- 2°F, ADJUSTABLE), THE PRIMARY AIR VALVE [1] SHALL BE MODULATED TOWARD ITS MINIMUM POSITION. ON A FURTHER FALL IN SPACE TEMPERATURE BELOW SETPOINT AND AFTER THE TEMPERATURE HAS PASSED THROUGH AN ADJUSTABLE DEADBAND, THE PRIMARY AIR QUANTITY SHALL REMAIN CONSTANT AND THE HEATING VALVE [2] SHALL OPEN A PROPORTIONATE AMOUNT. ON A RISE IN SPACE TEMPERATURE TOWARD SETPOINT, THE REVERSE SEQUENCE SHALL OCCUR.

4 VAV TERMINAL BOX w/ HEATING AT MINIMUM PRIMARY AIRFLOW CONTROLS DETAIL
SCALE: NONE

BAS POINTS LIST								
		GRAPHIC	ANALOG		DIGITAL			
TAG	NAME/FUNCTION		AI	AO	DI	DO	REMARKS	QTY
	VAV SYSTEM	●						
1	VAV PRIMARY AIR VALVE			●			-	1
2	DISCHARGE AIR TEMPERATURE SENSOR		●				-	1
3	SPACE TEMPERATURE SENSOR		●				SEE NOTE 1	1
4	COOLING SETPOINT		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
5	HEATING SETPOINT		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
6	CFM		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
7	MIN CFM		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
8	MAX CFM		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
9	UNOCCUPIED COOLING SETPOINT		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
10	UNOCCUPIED HEATING SETPOINT		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
11	VALVE OVERRIDE		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
12	HEAT OVERRIDE		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
13	MAX ZONE TEMP GROUP		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
14	MIN ZONE TEMP GROUP		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
15	AVERAGE ZONE TEMP GROUP		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A
16	TOTAL GROUP FLOW		N/A	N/A	N/A	N/A	PROGRAMMABLE SOFTWARE POINT	N/A

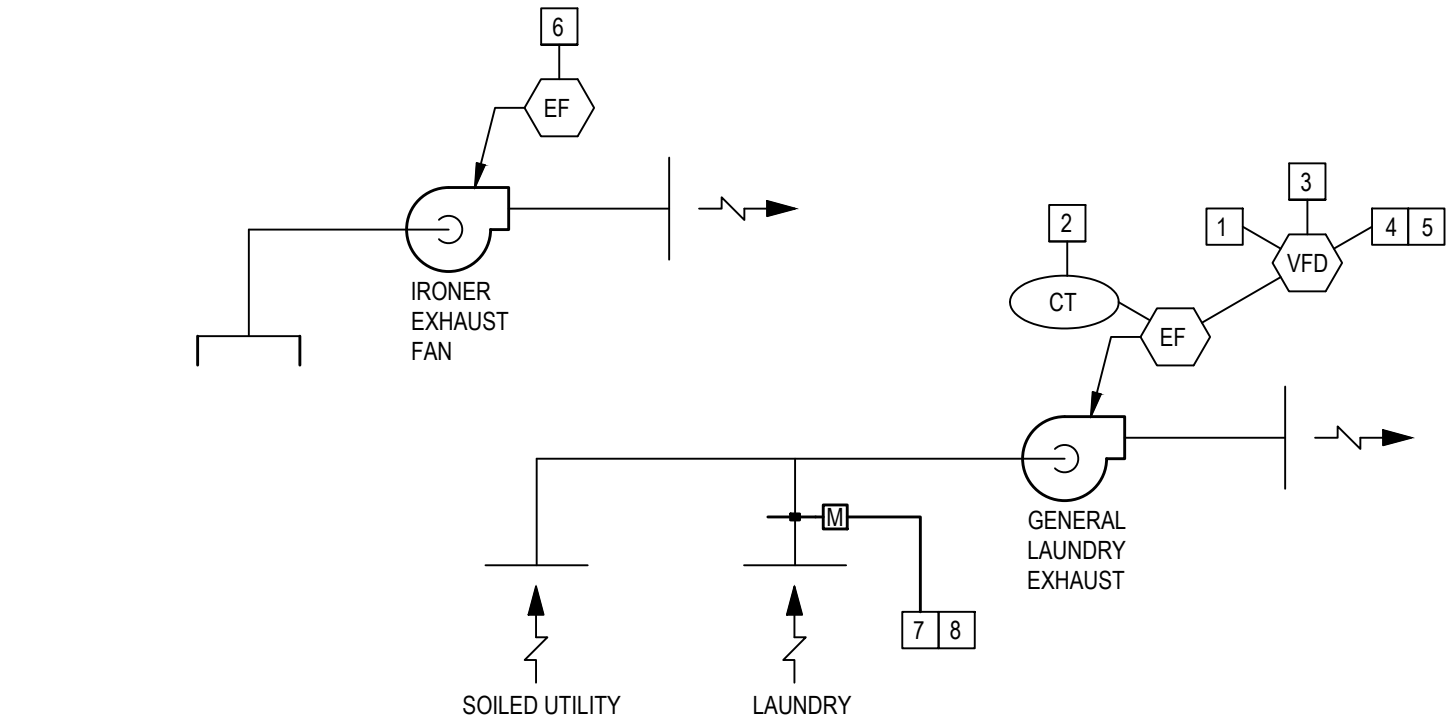
- NOTES:
1. HIGH AND LOW TEMP ALARMS AT BAS FOR CRITICAL SPACES (TELECOM, ELECTRICAL, COMPUTER ROOM)
2. PROVIDE TREND DATA FOR ALL POINTS SHOWN. TRENDING DATA SHALL BE STORED USING NON-VOLATILE MEMORY WITHIN THE BAS. DATA SHALL BE RECORDED AT A MINIMUM OF EVERY 15 MINUTES AND KEPT FOR A PERIOD OF A MINIMUM OF 12 MONTHS. THE CONTROL SYSTEM SHALL ALSO BE CAPABLE OF PROVIDING CUSTOM EXPORTS BASED ON SELECTED POINTS AND TIME FRAMES AND EXPORTS SHALL BE PROVIDED IN CSV OR XLS FILE FORMAT.



SEQUENCE OF OPERATIONS
ON A FALL IN SPACE TEMPERATURE TOWARD SETPOINT (73°F +/- 2°F, ADJUSTABLE), THE PRIMARY AIR VALVE [1] SHALL BE MODULATED TOWARD ITS MINIMUM POSITION. ON A FURTHER FALL IN SPACE TEMPERATURE BELOW SETPOINT, THE PRIMARY AIR QUANTITY SHALL REMAIN CONSTANT TO PROVIDE VENTILATION AIRFLOW TO THE SPACE. ON A RISE IN SPACE TEMPERATURE ABOVE SETPOINT, THE BASEBOARD HEATER SHALL BE DE-ENERGIZED ON A RISE IN SPACE TEMPERATURE ABOVE SETPOINT (73°F +/- 2°F, ADJUSTABLE), THE PRIMARY AIR VALVE [1] SHALL BE MODULATED TOWARD ITS MAXIMUM POSITION. THE DISCHARGE AIR TEMPERATURE SENSOR SHALL BE USED FOR INDICATION ONLY.

3 VAV TERMINAL BOX (COOLING ONLY) CONTROLS DETAIL
SCALE: NONE

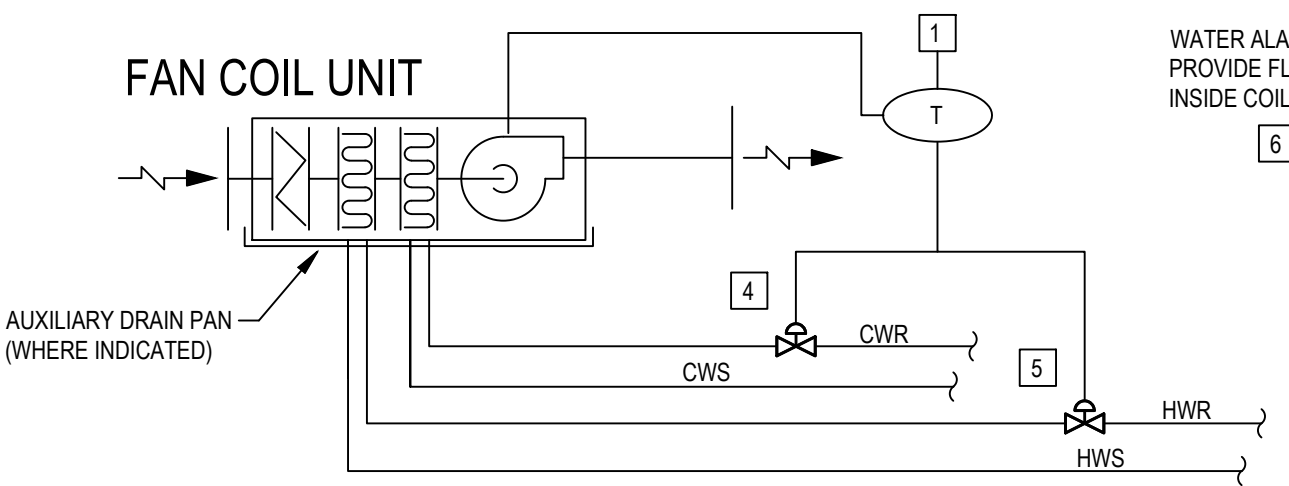
BUILDING CONTROL PANEL POINTS LIST									
TAG	NAME/FUNCTION	GRAPHIC	ANALOG		DIGITAL		REMARKS		QTY
			AI	AO	DI	DO			
	EXHAUST FAN	●					DIAGRAMMATIC SYSTEM GRAPHIC		
1	EXHAUST FAN ON/OFF				●		-	AS SHOWN ON PLANS	
2	EXHAUST FAN STATUS				●		-	AS SHOWN ON PLANS	
3	EXHAUST FAN SPEED			●					
4	EXHAUST FAN VFD FEEDBACK	●							
5	EXHAUST FAN VFD ALARM				●				
6	IRONER STATUS				●				
7	DAMPER COMMAND			●					
8	DAMPER POSITION	●							



SEQUENCE OF OPERATION
EXHAUST FAN [1] SHALL RUN CONTINUOUSLY TO MAINTAIN MINIMUM EXHAUST AIR CHANGE RATE PRESCRIBED BY FCU (1900 CFM). SYSTEM IS EQUIPPED WITH FAN SPEED CONTROL AND MODULATING LAUNDRY EXHAUST DAMPER TO REDUCE GENERAL EXHAUST WHEN 1450 CFM IRONER EXHAUST FAN IS OPERATING. MONITOR STATUS OF IRONER EXHAUST FAN [6] UPON INDICATION OF IRONER EXHAUST FAN OPERATION, PARTIALLY SHUT LAUNDRY MOTORIZED DAMPER [7], MONITOR POSITION FEEDBACK [8] AND GENERATE ALARM IN THE POSITION DOES NOT MATCH COMMAND. COORDINATE WITH TAB CONTRACTOR DURING CLOSE-OUT TESTING AND BALANCING TO DETERMINE DAMPER POSITION SETTING [7] AND FAN SPEED SETTING [3] REQUIRED TO MAINTAIN TOTAL LAUNDRY AIR CHANGE RATES AND SOILED UTILITY EXHAUST RATES DURING BOTH IRONER OFF AND IRONER ON CONDITIONS.

2 EXHAUST FAN CONTROLS DETAIL
SCALE: NONE

BAS POINTS LIST								
		GRAPHIC	ANALOG		DIGITAL			
TAG	NAME/FUNCTION		AI	AO	DI	DO	REMARKS	QTY
	FAN COIL UNIT	●					DIAGRAMMATIC SYSTEM (GRAPHIC FOR EACH UNIT)	
1	SPACE TEMPERATURE SENSOR		●					AS SHOWN ON PLANS
2	FAN ON/OFF					●		AS SHOWN ON PLANS
3	FAN STATUS				●			AS SHOWN ON PLANS
4	CHILLED WATER VALVE			●				AS SHOWN ON PLANS
5	HOT WATER VALVE			●				AS SHOWN ON PLANS
6	WATER ALARM				●		AS SHOWN ON PLANS	



SEQUENCE OF OPERATION
THE LOCAL THERMOSTAT SHALL CYCLE UNIT FAN, CHILLED WATER CONTROL VALVE AND HOT WATER CONTROL VALVE AS NEEDED TO MAINTAIN SPACE TEMPERATURE COOLING/HEATING SETPOINT (ADJ.). ON A FALL IN SPACE TEMPERATURE BELOW THE HEATING SETPOINT (70°F ADJ.), THE HOT WATER VALVE [5] SHALL OPEN A PROPORTIONATE AMOUNT. ON A RISE IN SPACE TEMPERATURE TOWARD SETPOINT, THE REVERSE SEQUENCE SHALL OCCUR. ON A RISE IN SPACE TEMPERATURE ABOVE THE COOLING SETPOINT (75°F ADJ.), THE CHILLED WATER VALVE [4] SHALL OPEN A PROPORTIONATE AMOUNT. ON A RISE IN SPACE TEMPERATURE TOWARD SETPOINT, THE REVERSE SEQUENCE SHALL OCCUR. SETPOINT ADJUSTMENT SHALL BE AVAILABLE THROUGH THE BAS.
SEPARATE HEATING AND COOLING SETPOINT CAPABILITY SHALL BE PROVIDED. WHEN THE SPACE TEMPERATURE FALLS BETWEEN THE HEATING AND COOLING SETPOINTS (ADJUSTABLE DEADBAND), NO HEATING OR COOLING ENERGY SHALL BE PROVIDED. THE FCU SHALL BE DE-ENERGIZED.
FOR FAN COIL UNITS WITH AN AUXILIARY DRAIN PAN, IF WATER SENSOR [6] DETECTS PRESENCE OF WATER BELOW UNIT, THE CONTROL SYSTEM SHALL GENERATE AN ALARM TO THE OPERATOR WORKSTATION, FULLY CLOSE THE CHILLED WATER VALVE, FULLY CLOSE THE HOT WATER VALVE AND DE-ENERGIZED THE SUPPLY FAN.

1 FAN COIL CONTROLS DETAIL
SCALE: NONE

STAMP

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ST+B PROJECT NO.: 2645.24

NO	SUBMISSION	DATE
1	HLS MINOR PROJECTS SUBMITTAL	02/13/26
2	PERMIT	04/09/26
3	ISSUE FOR BID	6/1/2026

SHEET NAME
**MECHANICAL
CONTROLS**

SHEET NO.
M600

GENERAL REQUIREMENTS:

- AS THE SIGNATORY ON THE PRIME CONSTRUCTION AGREEMENT, THE CONSTRUCTION MANAGER AT RISK (CMAR) AND/OR GENERAL CONTRACTOR (GC) IS RESPONSIBLE FOR ALL WORK INDICATED IN THE CONTRACT DOCUMENTS. GC MAY ASSIGN WORK THROUGH SUB-CONTRACTS AT THEIR DISCRETION, PROVIDED THEY UTILIZE TRANSPARENTLY THAT ARE FULLY QUALIFIED, LICENSED, EXPERIENCED, AND KNOWLEDGEABLE IN THEIR RESPECTIVE AREAS OF THE CONSTRUCTION INDUSTRY. SUB-CONTRACTORS SHALL PERFORM WORK IN A RESPONSIBLE MANNER WITH ESTABLISHED CONSTRUCTION PRACTICES AND AS CALLED FOR IN THE PERTINENT SPECIFICATION SECTION(S). COORDINATION WITH ANY WORK SHOWN IN OTHER TRADES INVOLVED IN THIS PROJECT REMAINS A RESPONSIBILITY OF THE GC IN ORDER TO PROPERLY SEQUENCE EFFORTS.
- ALL WORK, MATERIALS, AND TRADES SHALL FOLLOW THE LATEST ADOPED EDITIONS OF THE NATIONAL FIRE PROTECTION ADMINISTRATION (NFPA) AND INTERNATIONAL CODE COUNCIL (ICC) STANDARDS FOR BUILDING CONSTRUCTION AND ENERGY USE. REFER TO ARCHITECTURAL CODE SHEET FOR ADDITIONAL INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM WORK IN CONFORMANCE WITH ALL APPLICABLE CODES, ORDINANCES, AND LIFE SAFETY MEASURES AS REQUIRED BY LOCAL, STATE, AND NATIONAL AUTHORITIES. CONSULT LITERATURE AND WEBSITES OF JURISDICTIONAL AUTHORITIES FOR ANY AMENDMENTS OR ADDITIONAL REQUIREMENTS.
- ALL MATERIALS SHALL BE NEW AND LISTED FOR THE APPLICATION UNLESS OTHERWISE NOTED. EQUIPMENT SHALL BE SET STRAIGHT AND SQUARE WITH THE STRUCTURE. CONDUIT SHALL BE INSTALLED PARALLEL OR AT RIGHT ANGLES TO ALL WALLS AND STRUCTURAL MEMBERS. HANGER RODS, EQUIPMENT BASES, SUPPORTS, AND ISOLATION SHALL BE SET PLUMB AND SQUARE AND IN VERTICAL ALIGNMENT WHERE APPLICABLE. ALL WORK SHALL BE NEAT AND CLEAN UPON COMPLETION. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER TO THE SATISFACTION OF THE OWNER AND ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR A COMPLETE AND OPERATIONAL INSTALLATION OF ALL SYSTEMS DEPICTED WITHIN THESE CONTRACT DOCUMENTS, ALONG WITH STARTUP AND COMMISSIONING AS DESCRIBED IN THE SPECIFICATIONS. REASONABLE ASSUMPTIONS SHALL BE MADE FOR ANY ASPECT NOT COMPLETELY DETAILED WITHIN AND ALL LABOR AND MATERIALS CONTAINED IN THE FINAL BID PRICE. THE CONTRACTOR SHALL ASSURE AND DEMONSTRATE PROPER OPERATION OF ALL DESCRIBED SYSTEMS AND EQUIPMENT TO THE OWNER PRIOR AS PART OF SUBSTANTIAL COMPLETION.
- ALL DRAWINGS AND SPECIFICATIONS ARE TO BE READ IN COORDINATION WITH ONE ANOTHER SUCH THAT WORK SHOWN ON ONE SET IS BINDING TO THE OTHER. WHERE A DISCREPANCY EXISTS WITHIN THESE CONTRACT DOCUMENTS, THE SPECIFICATIONS SHALL TAKE PRECEDENCE. WHERE A DISCREPANCY EXISTS WITHIN THE SPECIFICATION, CONTRACTOR SHALL PRICE THE MORE EXPENSIVE APPROACH, AND THE DETAILS SHALL BE WORKED OUT DURING CONSTRUCTION.
- THESE DRAWINGS AND SPECIFICATIONS ARE NOT A DETAILED SET OF INSTALLATION INSTRUCTIONS BUT RATHER A GUIDELINE TO ESTABLISH QUALITY OF EQUIPMENT AND MATERIALS, LEVEL OF WORKMANSHIP, AND PERFORMANCE. DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS WITH SHOP DRAWINGS. COORDINATION EFFORT AND IN THE FIELD PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR, UP TO A LIKE-NEW CONDITION, ANY AND ALL DAMAGES CAUSED TO EXISTING EQUIPMENT AND/OR ADJACENT STRUCTURES. ALL REPAIRED SURFACES SHALL BE INDISTINGUISHABLE FROM THE EXISTING ADJACENT SURFACES. PROVIDE A DETAILED LIST OF ALL EXISTING DAMAGED ITEMS AND SUBMIT TO OWNER PRIOR TO BEGINNING WORK. ITEMS NOT DOCUMENTED BECOME A RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL DEBRIS AND SHALL CLEAN ALL EQUIPMENT AND AREAS AFFECTED BY CONTRACTORS WORK AT THE END OF EACH SHIFT EACH DAY. DISPOSAL OF ALL MATERIALS SHALL BE AS DIRECTED BY THE DIVISION J SPECIFICATIONS.
- SYMBOLS, ABBREVIATIONS, AND DEVICES IN THE LEGENDS ARE GENERAL. FOR EXACT REQUIREMENTS, REFER TO THE SCHEDULES, LAYOUTS, DETAILS, AND TO THE SPECIFICATIONS SINCE THE APPEARANCE OF A PARTICULAR ITEM IN THE LEGEND DOES NOT NECESSARILY IMPLY THAT THE ITEM IS INCLUDED AS A REQUIREMENT OF THE DESIGN.
- ALL PENETRATIONS FOR RACEWAY AND CABLE THAT ARE BY THIS CONTRACTOR AND WHICH PENETRATE FLOORS, FIRE AND/OR SMOKE BARRIERS, AND SEPARATIONS SHALL BE SEALED WITH A SYSTEM SPECIFICALLY UL APPROVED FOR THE APPLICATION.
- EXPPOSED CONDUIT SHALL BE HELD TO THE ABSOLUTE MINIMUM. ANY PATHWAYS IN PUBLIC OR COMMON AREAS NEED WRITTEN APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION. ANY EXPPOSED CONDUIT SHALL BE PAINTED TO MATCH THE ADJACENT FINISHES WITHIN ITS SURROUNDING AREA.
- ALL NEW FEEDER, HOMERUN, AND BRANCH CIRCUITS SHALL BE INSTALLED WITH A SEPARATE INSULATED GROUND CONDUCTOR. ANY EXISTING NON-INSULATED WIRING CURRENTLY BEING USED AS GROUNDING PATH AND PART OF THE SCOPE OF THIS PROJECT SHALL BE PROVIDED WITH NEW GROUND WIRE.

COORDINATION NOTES:

- THIS SHEET IS PART OF A COMPREHENSIVE SET OF DESIGN DRAWINGS AND SPECIFICATIONS THAT INCLUDE OTHER ENGINEERING, ARCHITECTURAL, AND DESIGN DISCIPLINES. INSTALLING CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW THE FULL SET OF CONTRACT DOCUMENTS, INCLUDING ALL DRAWINGS, SPECIFICATIONS, AND ADDENDA, IN CONJUNCTION WITH THE DESIGN PACKAGE TO PROVIDE AN EFFICIENTLY SEQUENCED AND FULLY COORDINATED INSTALLATION. PROVIDE COORDINATION DRAWINGS PER SPECIFICATIONS. CONTRACTOR BEARS THE RESPONSIBILITY TO PROVIDE ANY ADDITIONAL LABOR AND MATERIALS THAT RESULT FROM A LACK OF INTERDISCIPLINARY COORDINATION.
- ITEMS SPECIFIED HEREIN BY MANUFACTURER AND MODEL NUMBER ARE TO BE CONSIDERED THE MINIMUM QUALITY ACCEPTABLE FOR THE SPECIFIED APPLICATION. FOR SUBSTITUTIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SUFFICIENT INFORMATION TO THE DESIGN TEAM IN ORDER TO ESTABLISH "OR EQUAL" STATUS AND TO COORDINATE INSTALLATION OF SAME INTO THE AVAILABLE SPACE. INCREASED COSTS TO THE PROJECT ASSOCIATED WITH CONTRACTOR SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSTITUTIONS FOR CONVENIENCE WILL NOT BE CONSIDERED PER THE GENERAL REQUIREMENTS OF THE CONTRACT.
- COORDINATE AND SCHEDULE ALL EQUIPMENT SHUTDOWNS AND ELECTRICAL OUTAGES WITH OWNER AND DESIGN TEAM. PROVIDE A MINIMUM SEVEN (7) CALENDAR DAYS' NOTICE WHERE OUTAGE AFFECTS BUILDING LIFE SAFETY SYSTEMS. CONTRACTOR SHALL PREPARE AND SUBMIT A WRITTEN METHOD OF PROCEDURES.
- FURNISH ALL NECESSARY SLEEVES, FLASHINGS, COUNTER FLASHINGS, INSERTS, ANCHOR BOLTS, EQUIPMENT SUPPORTS, ETC. TO INSTALLING CONTRACTOR IN A TIMELY FASHION WHERE REQUIRED TO COMPLETE THE WORK. THIS SHALL INCLUDE ANY AND ALL CAULKING, PATCHING, CUTTING, ETC. AS REQUIRED THROUGH ANY ROOF, FLOOR, AND/OR WALL SYSTEMS.
- EQUIPMENT SHALL FIT INTO THE SPACE ALLOTTED/INDICATED AND SHALL ALLOW ADEQUATE CLEARANCE FOR ENTRY, INSTALLATION, REPLACEMENT, SERVICING, AND MAINTENANCE. COORDINATE ALL EQUIPMENT WITH WORK BY OTHER TRADES. INSTALLATION SHALL COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND ALL APPLICABLE CODES. CLEARANCES SHALL COMPLY WITH NEC. ALL ADDITIONAL WORK REQUIRED FOR EQUIPMENT PROPOSED BY THE CONTRACTOR SHALL BE IDENTIFIED ON EQUIPMENT SUBMITTALS FOR REVIEW BY THE EOR PRIOR TO PURCHASE AND SHALL BE PROVIDED AT NO ADDITIONAL COSTS.
- DO NOT CUT, CORE, AFFIX TO, OR MODIFY ANY STRUCTURAL OR BUILDING ELEMENTS WITHOUT RECEIVING PRIOR APPROVAL FROM THE ENGINEER OR ARCHITECT INVOLVED.
- THE CONTRACTOR SHALL MAINTAIN AN ACCURATE SET OF RECORD DRAWINGS ON-SITE AT ALL TIMES DURING CONSTRUCTION WHICH SHALL BE AVAILABLE FOR EXAMINATION BY THE OWNER'S REPRESENTATIVE UPON REQUEST. PROVIDE THE OWNER WITH A COMPLETE MARKED-UP SET OF AS-BUILT CONTRACT DRAWINGS AT PROJECT COMPLETION. REFER TO SPECIFICATIONS FOR ADDITIONAL RECORD DRAWING REQUIREMENTS.

DEMOLITION NOTES:

- CONTRACTOR SHALL MAKE ARRANGEMENTS WITH OWNER AND/OR ARCHITECT TO VISIT SITE AND CONDUCT WITH CONTRACTORS PRIOR TO SUBMITTING A COST PROPOSAL TO ENSURE THE TRADES ARE FAMILIAR WITH THE SPECIFIC CONDITIONS GOVERNING THIS PROJECT SCOPE. PAY PARTICULAR ATTENTION TO SCOPE AREAS AS THEY RELATE TO EXISTING SYSTEMS AND ANY PHASING INDICATED. FIELD VERIFY EXACT EXTENT OF DEMOLITION WORK. NO EXTRAS WILL BE CONSIDERED FOR WORK REQUIRED TO ACHIEVE THE INTENT OF THESE CONTRACT DOCUMENTS. NOTIFY DESIGN TEAM OF ANY DISCREPANCIES FOR RESOLUTION AS SOON AS DISCOVERED.
- EXISTING CONDITIONS SHOWN ON THESE PLANS REPRESENT LISTED FIELD OBSERVATIONS MADE BY ST-B ENGINEERING. ROUTING, HIDDEN CONDITIONS, AND CONFORMANCE TO CURRENT PREVAILING CODES HAS NOT BEEN VERIFIED. DESIGN TEAM SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND/OR SAFETY OF CONDITIONS INDICATED AS EXISTING.
- DEMOLITION ITEMS SHALL BE REMOVED COMPLETELY, INCLUDING ALL CONNECTIONS, MOUNTING, PATHWAYS, SUPPORTS, AND WIRING. CIRCUIT SHALL BE REMOVED BACK TO LAST ACTIVE BRANCH, DEVICE, OR PANEL, UNLESS SPECIFICALLY NOTED FOR REUSE OR TO BE TURNED OVER TO OWNER. CONTRACTOR SHALL HAVE RESPONSIBILITY TO PROPERLY RECYCLE AND/OR DISPOSE OF ALL REMOVED ITEMS. DO NOT BURN OR BURY.
- EXISTING CONDUITS MAY BE REUSED WHERE THEY COMPLY WITH THE REQUIREMENTS OF THESE SPECIFICATION, WIRING AND PATHWAY EXTENSIONS SHALL BE NEW. DO NOT REINSTALL ANY CONDUIT WHICH IS REMOVED OR DEMOLISHED. PATHWAYS ROUTING WITHIN OR PASSING THROUGH CONCRETE FLOOR SLABS SHALL BE CUT BACK TO JUST BELOW CONCRETE AND FILLED WITH GROUT. FINISH TO ACHIEVE A SMOOTH AND EVEN SURFACE FLUSH WITH SURROUNDING CONCRETE. ALL PATHWAYS, NEW AND EXISTING UNDER THIS CONTRACT, SHALL BE LABELED PER THE SPECIFICATIONS.
- ALL WALLS SHALL BE PROPERLY PATCHED AND REPAINTED AFTER THE REMOVAL OF DEVICES. REPAIR TO A LEVEL OF FINISH CONSISTENT WITH THE ADJACENT SURFACES. BLANK COVER PLATES OVER EXISTING BOXES ARE NOT ACCEPTABLE, UNLESS NOTED OTHERWISE.
- RE-SUPPORT AND SECURE EXISTING RACEWAYS/CONDUITS ASSOCIATED WITH SCOPE OF WORK TO COMPLY WITH CURRENT ADOPTED REQUIREMENTS OF NFPA 70, CHAPTER 3.
- MAINTAIN CIRCUIT CONTINUITY TO EXISTING CIRCUITS AND DEVICES TO REMAIN. REWORK EXISTING WIRING, BOXES, TERMINATIONS, ETC. AS REQUIRED TO INTERFACE NEW WORK SHOWN.
- WHERE THE REMOVAL OF A SURFACE MOUNTED RACEWAY/DEVICE LEAVES VISIBLE EVIDENCE ON AN EXISTING SURFACE NOT SCHEDULED FOR DEMOLITION OR REWORK, THE SURFACE SHALL BE REPAIRED OR REPLACED TO A QUALITY EQUAL TO FINAL SCHEDULED FINISH OF ADJACENT SURFACES. WHERE THE EXISTING RACEWAY IS CONCEALED IN ASSEMBLIES NOT SCHEDULED FOR DEMOLITION THE OUTLET BOX SHALL BE CLEANED, AND A BLANK COVER-PLATE INSTALLED.

LIGHTING NOTES:

- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS, SECTIONS, AND ELEVATIONS FOR EXACT LOCATION OF INTERIOR LIGHTING. ALL LOCATIONS SHALL BE COORDINATED WITH PLANS AND IMPEDIMENTS OF OTHER TRADES PRIOR TO ROUGH-IN. REFER TO SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS.
- LIGHT FIXTURES DESIGNATED AS "EMERGENCY" ARE INDICATED IN DRAWINGS AS SHADERS AND SHALL BE WIRED WITH A UL RELAY TO OPERATE WITH LOCAL SWITCHING UNDER NORMAL CONDITIONS AND SHALL OPERATE VIA BATTERY OR GENERATOR LIFE SAFETY POWER AT FULL OUTPUT REGARDLESS OF CONTROLS STATE UPON LOSS OF BUILDING UTILITY POWER ONLY, UNLESS NOTED OTHERWISE.
- EXIT SIGNS SHALL BE WIRED AHEAD OF LOCAL SWITCHING FOR CONTINUOUS OPERATION. EXIT SIGNS SHALL BE CEILING MOUNTED OR WALL MOUNTED ABOVE DOORS WHERE PRACTICAL. PROVIDE ADDITIONAL EXIT SIGNS AS NECESSARY FOR APPROVAL BY THE AUTHORITY HAVING JURISDICTION. PER ARCHITECT'S FINAL PLAN OF EGRESS / EXITING PLAN.
- LIGHTING CONTROLS SEQUENCE OF OPERATION IS DEFINED FOR EACH SPACE IN THE LIGHTING CONTROL SCHEDULE. CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL LIGHTING DEVICE QUANTITIES AND LOCATIONS WITH SUBMITTED LIGHTING CONTROL MANUFACTURERS SHOP DRAWINGS AFTER THE LIGHTING CONTROLS SUBMITTAL HAS BEEN REVIEWED WITH NO EXCEPTIONS TAKEN BY THE ENGINEER OF RECORD.
- LIGHTING CONTROL WIRING DETAILS ARE DIAGRAMMATIC IN NATURE AND ARE ONLY INTENDED TO ILLUSTRATE THE GENERAL REQUIREMENTS OF THE LIGHTING CONTROL SYSTEM FOR COMPLIANCE WITH ADOPTED CODE. CONTROL SYSTEM MAY REQUIRE ADDITIONAL EQUIPMENT TO ACHIEVE DESIGN INTENT SHOWN IN DRAWINGS. CONTRACTOR SHALL COORDINATE WITH THE LIGHTING CONTROLS MANUFACTURER BEING SUBMITTED TO INSURE THE SYSTEM OPERATES TO THE DESIGN INTENT SPECIFIED WITHIN THESE DOCUMENTS.
- ONLY SENSORS AND SWITCHES SHALL BE VIEWABLE OR ACCESSIBLE TO THE PUBLIC. ALL OTHER LIGHTING CONTROL DEVICES SHALL BE CONCEALED FROM PUBLIC VIEW IN AN ACCESSIBLE LOCATION WITH THAT LOCATION MARKED BY A 3/4" DIAMETER, GREEN, CIRCULAR, ADHESIVE MARKER TO ASSIST MAINTENANCE STAFF WITH LOCATING THESE DEVICES.
- THE CONTRACTOR SHALL PROGRAM, TEST, AND COMMISSION THE LIGHTING CONTROL SYSTEM TO INSURE PERFORMANCE ADHERES TO THE DESIGN REQUIREMENTS SPECIFIED IN THESE DOCUMENTS AS WELL AS TESTING AND COMMISSIONING REQUIREMENTS DEFINED IN THE ENERGY CODE (IECC). CONTRACTOR SHALL PROVIDE A 3RD PARTY COMMISSION AGENT AS NECESSARY TO MEET IECC REQUIREMENTS.

POWER NOTES:

- ALL DEDICATED WORKING SPACES AS DEFINED IN THE NEC SHALL BE MARKED OUT AND FIELD PAINTED ON THE FLOOR BENEATH THE EQUIPMENT. PROVIDE A FOUR-INCH WIDE YELLOW AND BLACK OUTLINE OF THE WORKING SPACE. PERIMETER IN PAINT OR PERMANENT VINYL, FLOOR-MARKING TAPE.
- PANEL SCHEDULES SHALL BE FILLED OUT SO EVERY NEW AND/OR MODIFIED CIRCUIT IS UNIQUELY IDENTIFIED WITH ITS SPECIFIC PURPOSE AND/OR EQUIPMENT AS NECESSARY TO DISTINGUISH FROM ALL OTHER LOADS. IDENTIFICATION SHALL INCLUDE A DEGREE OF DETAIL AS APPROVED BY THE A/E.
- PROVIDE NYLON PULL ROPE FOR ALL SPARE CONDUITS AS WELL AS ANY PATHWAYS PROVIDED FOR OTHER TRADES SUCH AS CONTROLS OR TECHNOLOGY.
- INSTALL ALL CONDUIT GENERALLY IN THE ROUTES/AREAS SHOWN ON DRAWINGS. PROVIDE ADDITIONAL SUPPORT WHEREVER THE BUILDING STRUCTURE IS NOT SUITABLE FOR DIRECT MOUNTING. OFFSET CONDUIT, EQUIPMENT, ETC. AS NECESSARY TO ACCOMMODATE STRUCTURE, BEAMS, COLUMNS, OTHER SYSTEMS IN THIS TRADE AND OTHER TRADES. CONDUIT OR EQUIPMENT THAT IS NOT INSTALLED PROPERLY OR WITHIN THE SPACE PROVIDED SHALL BE REMOVED AND REINSTALLED AT NO EXTRA COST.
- ANY ADJACENT DEVICES, AS WELL AS ALL DEVICES LOCATED ABOVE A COUNTER, SHALL BE MOUNTED AT THE SAME ELEVATION UNLESS OTHERWISE NOTED. THIS INCLUDES RECEPTACLES, SWITCHES, ETC. COUNTER RECEPTACLES SHALL BE MOUNTED HORIZONTALLY ABOVE THE BACK SPLASH. DO NOT CUT DEVICE PLATES.
- COORDINATE FINAL RECEPTACLE LOCATIONS WITH TELECOM OUTLETS PRIOR TO ROUGH-IN. EACH OUTLET SHALL BE LOCATED WITHIN ADJACENT STUD BAYS, AT A MINIMUM, COORDINATE FINAL LOCATIONS WITH CASEWORK AND ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
- DO NOT INSTALL FLUSH-MOUNTED BOXES ON OPPOSITE SIDES OF WALLS BACK-TO-BACK. PROVIDE MINIMUM 12 INCHES HORIZONTAL SEPARATION UNLESS OTHERWISE INDICATED. FOR ACOUSTIC-RATED WALLS PROVIDE 24 INCHES SEPARATION. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE LOCATIONS OF ACOUSTIC-RATED WALLS.
- GFCI RESETS SHALL BE IN ACCESSIBLE LOCATIONS. PROVIDE GFCI BREAKER OR A REMOTE RESET WHERE RECEPTACLE IS LOCATED BEYOND THE EQUIPMENT.

TECHNOLOGY NOTES:

- ALL CABLES MUST BE TESTED AND LABELED PER EIA/TIA STANDARDS AND ALL HORIZONTAL LINKS SHALL BE A PARTNERED SOLUTION WITH A MINIMUM 25-YEAR WARRANTY.
- FOR WIRELESS ACCESS POINTS, CONTRACTOR SHALL INSTALL A TWO-PORT DATA OUTLET IN CEILING TILE WITH APPROPRIATE BOX SUPPORTED FROM STRUCTURE AND PROVIDE CABLEING BACK TO PATCH PANEL. WIRELESS ACCESS POINT AND POE SWITCH NOT IN CONTRACT.
- PROVIDE AN 8' SERVICE LOOP AT STATION END OF ALL CABLE RUNS. PROVIDE 15' SERVICE LOOP AT ALL WIRELESS ACCESS POINT LOCATIONS.
- PROVIDE DEEP 4" SQUARE OUTLET BOX WITH CABLE POSTS AND SINGLE GANG MUD RING FOR ALL INDIVIDUAL VOICE, DATA, OUTLET MATCH WALL PLATE AND JACK TO SYSTEM ROUTE 1/2 INCH CONDUIT TO 0.0 INCHES ABOVE ACCESSIBLE CEILING. PROVIDE INSULATED THROAT CONNECTOR ON CONDUIT END.
- ANY ADJACENT DEVICES AS WELL AS ALL DEVICES LOCATED ABOVE A COUNTER SHALL BE MOUNTED AT THE SAME ELEVATION UNLESS NOTED OTHERWISE. COUNTER DATA PORTS SHALL BE MOUNTED HORIZONTALLY ABOVE THE BACK SPLASH. DO NOT CUT DEVICE PLATES.
- COORDINATE FINAL RECEPTACLE LOCATIONS WITH TELECOM AND/OR AV OUTLETS PRIOR TO ROUGH-IN. EACH OUTLET SHALL BE LOCATED WITHIN ADJACENT STUD BAYS, AT A MINIMUM, COORDINATE FINAL LOCATIONS WITH CASEWORK AND ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
- DATA/COM CABLES MAY BE ROUTED OUT OF RACEWAY BETWEEN ABOVE ACCESSIBLE CEILINGS, BETWEEN CONDUIT SLUB AND CABLE TRAY. SUPPORT AND SECURE CABLES WITH U HOOKS AND RE-CLASABLE HOOK-AND-LOOP STRAPS EVERY 30".
- COMMUNICATIONS CIRCUITS AND EQUIPMENT SHALL BE INSTALLED IN A NEAT AND PROFESSIONAL MANNER. CABLE MANAGEMENT, TRAYS, AND RACEWAYS SHALL BE SUPPORTED FROM BUILDING STRUCTURE AT APPROPRIATE INTERVALS.
- ANY CABLEING AND NON-METALLIC CABLES TIES AND ACCESSORIES, INSTALLED IN AIR PLenums, SHALL BE LOW SMOKE/HEAT RELEASE AND SHALL BE UL LISTED FOR USE IN THE ENVIRONMENT. ANY CABLEING NOT LISTED FOR PLENUM USE MUST BE INSTALLED IN CONDUIT.
- COORDINATE EXACT NUMBER OF CABLES AND ROUGH-IN LOCATIONS OF EQUIPMENT FURNISHED AND/OR INSTALLED BY OTHER SUB-CONTRACTORS THAT ALSO REQUIRE DATA CONNECTION, WITH THE CONTRACT DOCUMENT DRAWINGS AND SPECIFICATIONS, AS WELL AS THE GENERAL CONTRACTOR PRIOR TO ROUGH-IN OR ORDERING OF MATERIALS.
- COORDINATE EXACT NUMBER OF CABLES AND ROUGH-IN LOCATIONS OF EQUIPMENT FURNISHED AND/OR INSTALLED BY OTHER SUB-CONTRACTORS WITH THE FULL SET OF CONTRACT DOCUMENTS, SPECIFICATIONS, AND GENERAL CONTRACTOR PRIOR TO ROUGH-IN OR ORDERING MATERIALS.
- ALL MATERIALS PROVIDED FOR THE TELECOMMUNICATIONS AND SECURITY SYSTEMS SHALL BE COMPATIBLE WITH EXISTING SYSTEM HEAD END CONTROLLERS. COMPONENTS REQUIRED TO EXPAND THE EXISTING SYSTEMS CAPACITY SHALL BE PROVIDED BY BOTH THE CONTRACTOR AND OWNER. REFER TO RESPONSIBILITY MATRIX AND SPECIFICATIONS FOR ADDITIONAL DETAIL. ALL HORIZONTAL LINKS SHALL BE A PARTNERED SOLUTION WITH A MINIMUM 25-YEAR WARRANTY.

FIRE ALARM NOTES:

- FIRE ALARM LAYOUTS AND DEVICES INDICATED ON THESE PLANS DICTATE THE INTENT, PERFORMANCE, AND SCOPE OF THE SYSTEM. THE COMPLETE FIRE ALARM SYSTEM DESIGN SHALL BE PROVIDED AS A DEFERRED SUBMITTAL. PER THE REQUIREMENTS OF IECC/FBC, PROVIDE APPROPRIATE SHOP DRAWINGS AND DESIGN SUBMITTALS FOR APPROVAL BY THE LOCAL FIRE DEPARTMENT AND/OR THE AUTHORITY HAVING JURISDICTION. THE ELECTRICAL ENGINEER OF RECORD LISTED ON THIS SET OF DRAWINGS WILL NOT BE RESPONSIBLE FOR SEALING AND SIGNING THE FIRE ALARM SYSTEM SHOP DRAWING SUBMITTALS PROVIDED BY THE CONTRACTOR. CONTRACTOR SHALL MAKE NECESSARY ARRANGEMENTS IN JURISDICTIONS WHERE THIS IS REQUIRED AND INCLUDE COSTS IN BID.
- PROVIDE UPDATED GRAPHIC ZONE MAP AT REMOTE ANNUNCIATORS AND FIRE ALARM CONTROL UNITS AS SHOWN AND REQUIRED. SUBMIT SHOP DRAWINGS AND LOCATIONS TO ENGINEER AND BUILDING/FIRE DEPARTMENTS FOR REVIEW PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- LOCATE SMOKE DETECTORS PER NFPA 72 AND MANUFACTURERS REQUIREMENTS. THE LOCATIONS OF SMOKE DETECTORS ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. DETECTORS SHALL NOT BE PLACED WITHIN 3'-0" OF ANY CEILING MOUNTED HVAC SUPPLY AIR DEVICE, WITHIN 4" OF WALL, WHEN WALL MOUNTED. DETECTORS SHALL BE LOCATED BETWEEN 4" AND 12" FROM THE CEILING PLANE. DETECTORS FOR DAMPER CONTROL SHALL BE LOCATED NOT MORE THAN 5 FT HORIZONTALLY FROM THE FIS OR SMOKE DAMPER ASSEMBLY AND PRIOR TO ANY OUTLET DEVICE.
- CONTRACTOR SHALL RE-CERTIFY SYSTEM AND PROVIDE AN UPDATED RECORD OF COMPLETION WITH THE O&M MANUALS AT PROJECT CLOSEOUT.
- WIRING FOR POWER SUPPLIES AND AUXILIARY DEVICES USED FOR FIRE SAFETY FUNCTIONS SHALL BE MONITORED FOR INTEGRITY.
- NEW DEVICES SHALL BE INSTALLED AT HEIGHTS/ORIENTATIONS AS REQUIRED TO COMPLY WITH CURRENT ADOPTED IFC, NFPA 70/2, AND ADAS DOCUMENTS. EXTEND RACEWAY AND CABLEING AS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
- NEW FIRE ALARM DEVICES SHALL MATCH AND/OR BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM MAIN CONTROL PANEL (FACP). PROVIDE RE-PROGRAMMING OF HEAD END AS REQUIRED TO ACCOMMODATE NEW DEVICES. REVISE EXISTING ANNUNCIATOR(S) AND/OR DEVICE MAP(S) TO REFLECT PROJECT FIRE ALARM AND ARCHITECTURAL MODIFICATIONS. UPDATE GRAPHIC ZONE MAPS IN BOTH THE FACILITY MAINTENANCE BUILDINGS AND IN THESE BUILDINGS AS REQUIRED. SUBMIT TO ENGINEER AND BUILDING/FIRE DEPARTMENTS FOR REVIEW PRIOR TO INSTALLATION.

EQUIPMENT CONNECTION NOTES:

- MECHANICAL EQUIPMENT DENOTED ON PLANS BY EQUIPMENT TAGS, REFER TO MECHANICAL EQUIPMENT SCHEDULES FOR ADDITIONAL INFORMATION. COORDINATE EXACT CONNECTION REQUIREMENTS, OUTLET CONFIGURATIONS, AND/OR CONDUIT ENTRY LOCATIONS OF MECHANICAL EQUIPMENT WITH INSTALLING CONTRACTOR. NO EXTRAS WILL BE ALLOWED FOR ADDITIONAL CIRCUITS AND ACCESSORY CONNECTIONS SHOWN ON APPROVED MECHANICAL SHOP DRAWINGS. REFER TO SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS.
- MAKE ALL FINAL ELECTRICAL TERMINATIONS TO EQUIPMENT REQUIRING POWER AND/OR CONTROL. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ALL MECHANICAL OWNER, SPECIALTY, AND/OR FRSE INCLUDED IN THIS PROJECT. COORDINATE EXACT CONNECTION REQUIREMENTS, OUTLET CONFIGURATIONS, AND/OR CONDUIT ENTRY LOCATIONS OF EQUIPMENT WITH INSTALLING CONTRACTOR.
- PIPING AND/OR DUCTWORK SHALL NOT BE ROUTED IN THE DEDICATED ELECTRICAL EQUIPMENT SPACE OF ELECTRICAL SWITCHBOARDS, DISTRIBUTION BOARDS, PANELBOARDS, ETC. PROVIDE DEPTH AND WIDTH OF WORKING SPACE FOR ELECTRICAL EQUIPMENT AS REQUIRED BY NEC.
- BUILDING POWER HAS BEEN SHOWN ON DRAWINGS TO 1-BOKES FOR ANCILLARY POWER SUCH AS BAS/BSMIS CONTROLLER, DAMPER MOTORS, ETC. COORDINATE FINAL REQUIREMENTS WITH MECHANICAL CONTROLS CONTRACTOR AND INSTALLED EQUIPMENT. CIRCUITS SHALL BE DEDICATED TO THAT PURPOSE AND SHALL NOT CONTAIN ANY OTHER GENERAL LOADS.
- PROVIDE ADDITIONAL SUPPORT FOR SWITCHES, STARTERS, RACEWAYS, AND OTHER ELECTRICAL EQUIPMENT WHEREVER THE BUILDING STRUCTURE IS NOT SUITABLE FOR DIRECT MOUNTING.
- LOCATE ALL OUTLETS AND DISCONNECT SWITCHES WHERE ACCESSIBLE. PROVIDE WORKING CLEARANCE AS REQUIRED BY NEC. PROVIDE ACCESS HATCH WHERE LOCATED ABOVE HARD ID CEILING.
- YAW UNITS SHOWN WITH INTEGRAL 120V/24V TRANSFORMER. IF A CENTRAL POWER SUPPLY IS FURNISHED, PROVIDE CONNECTIONS TO EACH UNIT AS REQUIRED.

ONE LINE DIAGRAM NOTES:

- PANELBOARD AND BREAKER INTERRUPTING CAPACITIES (AIC) SHALL BE FULLY RATED AS AN ASSEMBLY. SERIES RATING OF BREAKER DEVICES AND EQUIPMENT IS NOT PERMITTED.
- ALL CONDUCTOR SIZES ARE BASED ON COPPER.
- WHERE SPECIFIED WIRE SIZE IS NOT A STOCKED ITEM AND INCURS COSTS ABOVE THE NEXT LARGER TRADE SIZE, IT SHALL BE ACCEPTABLE TO SUBSTITUTE WITH THE MORE COST-EFFECTIVE WIRE SIZE. CONDUIT SIZING AND GROUND CONDUCTOR SHALL BE ADJUSTED ACCORDINGLY AS A RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ROUGH-IN OR ORDERING MATERIALS.
- VERIFY MECHANICAL EQUIPMENT AND CONTROLLERS ARE RATED FOR AVAILABLE SHORT CIRCUIT CURRENTS. PROVIDE FUSED DISCONNECT WITH CURRENT LIMITING RK1 TYPE FUSES AS REQUIRED.
- DO NOT SPlice FEEDER CONDUCTORS TO PANELBOARDS, SWITCHBOARDS, OR TO MOTORS UNLESS PRIOR APPROVAL HAS BEEN OBTAINED FROM THE ENGINEER.
- PROVIDE SEPARATE INSULATED GROUNDING CONDUCTOR IN ALL NEW FEEDER, HOMERUN AND BRANCH CIRCUITS. ANY EXISTING RACEWAYS BEING USED AS GROUNDING PATH, AND PART OF THE SCOPE OF THIS PROJECT, SHALL BE PROVIDED WITH NEW GROUND WIRE.
- PROVIDE ADJUSTABLE TRIP LSIG BREAKERS FOR ALL DISTRIBUTION BREAKERS EQUAL TO OR LARGER THAN 100A OR AS REQUIRED TO ALLOW FOR BREAKER COORDINATION AS PART OF THE REQUIRED COORDINATION STUDY PERFORMED BY THE CONTRACTOR.
- ONE-LINE DIAGRAMS ARE ONLY INTENDED TO DEPICT FEEDER CIRCUITS. BRANCH CIRCUITS ARE NOT GENERALLY CALLED OUT. REFER TO PANELBOARD SCHEDULE(S) FOR REQUIREMENTS. ALL 20A/1P BRANCH CIRCUITS SHALL BE WIRED WITH #12 AWG CONDUCTORS AT A MINIMUM UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PREPARE THE SHORT CIRCUIT AND COORDINATION STUDY PRIOR TO ORDERING DISTRIBUTION EQUIPMENT TO VERIFY ALL EQUIPMENT RATINGS, BREAKER TYPES, AND SETTINGS REQUIRED. ANY CHANGES TO EQUIPMENT RATINGS OR BREAKER TYPES IN ORDER TO PROVIDE A FULLY COORDINATED SYSTEM SHALL NOT RESULT IN ADDITIONAL COST TO THE OWNER. POWER SYSTEM STUDIES SHALL BE SUBMITTED SIMULTANEOUSLY WITH SUBMITTALS FOR NEW EQUIPMENT OR THE EQUIPMENT SUBMITTALS WILL BE RETURNED AS REJECTED WITHOUT REVIEW.
- UPDATE PANEL SCHEDULE TO REFLECT CIRCUIT ARRANGEMENTS AFTER CONTRACTOR HAS BALANCED LOAD TO WITHIN 20% NEW CIRCUIT DIRECTORIES SHALL BE TYPEWRITTEN.
- NEW BREAKERS SHALL BE COMPATIBLE WITH AND LISTED FOR USE IN EXISTING EQUIPMENT.

ELECTRICAL ONE-LINE LEGEND

PLAN	DESCRIPTION
	CIRCUIT BREAKER
	DISCONNECT SWITCH
	UTILITY METER
	CURRENT TRANSFORMER
	GROUND
	CONTRACTOR
	COIL
	SERVICE WEATHERHEAD
	MOTOR
	DISCONNECT, SOLID NEUTRAL, FUSED
	DISCONNECT, SOLID NEUTRAL, NON-FUSED
	MOTOR STARTER / CONTACTOR
	FUSE
	ENCLOSED CIRCUIT BREAKER
	JUNCTION BOX
	AMP METER
	VOLT METER
	KIRK KEY INTERLOCK SYSTEM
	GROUND FAULT PROTECTION
	SHUNT TRIP
	FAULT CURRENT
	VARIABLE FREQUENCY DRIVE
	EMERGENCY POWER OFF
	SURGE SUPPRESSION DEVICE
	ELECTRICAL PANELBOARD
	AUTOMATIC TRANSFER SWITCH
	STEP DOWN TRANSFORMER (#B INDICATES KVA)
	K-RATED STEP DOWN TRANSFORMER (## INDICATES KVA)
	SERVICE ENTRANCE TRANSFORMER
	GENERATOR
	GENERATOR REMOTE ANNUNCIATOR PANEL

CABLE / PATHWAY LEGEND

PLAN	DESCRIPTION
	CEILING SPACE / OVERHEAD WIRING
	UNDERGROUND / UNDER SLAB WIRING
	EXPOSED PATHWAY
	CONTROLS AND/OR SIGNAL WIRING
	SURFACE MOUNT PATHWAY (WIREMOLD)
	PATHWAY / CABLE TURNS UP, TURNS DOWN

POWER LEGEND

CLG	FLR	WALL	DESCRIPTION
			SINGLE RECEPTACLE
			DUPLEX RECEPTACLE
			GFI DUPLEX RECEPTACLE
			QUAD RECEPTACLE
			GFI QUAD RECEPTACLE
			SPECIAL RECEPTACLE (SUBSCRIPT DENOTES TYPE)
			JUNCTION BOX
			HALF SWITCHED RECEPTACLE
			ISOLATED GROUND RECEPTACLE
			SINGLE POLE SWITCH
			FUSED SWITCH
			MANUAL SWITCH, HORSEPOWER RATED
			SWITCH WITH PILOT LIGHT
			THERMAL OVERLOAD SWITCH
			PANELBOARD
			DISCONNECT
			GROUND BAR

PLAN CALLOUT:
DEVICE MOUNTED ABOVE COUNTER
DEVICE MOUNTED UNDER COUNTER
DEVICE MOUNTED AT SPECIFIC ELEVATION
HARDENED/WEATHERPROOF DEVICE & IN USE COVER
DUPLEX WITH TWO INTEGRAL USB PORTS

Legend:
AC = AC
UC = UC
48" = 48"
WP = WP
USB-C = USB-C

LIGHTING LEGEND

PLAN	DESCRIPTION
	SURFACE LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	RECESSED DOWNLIGHT - ROUND
	RECESSED DOWNLIGHT - SQUARE
	SURFACE FIXTURE - ROUND
	STRIP FIXTURE
	PENDANT FIXTURE - ROUND
	PENDANT FIXTURE - RECTANGULAR
	LINEAR WALL FIXTURE
	WALL SCONCE FIXTURE
	STEP LIGHT FIXTURE
	NIGHT LIGHT FIXTURE
	3' UNDERCABINET LIGHT
	EXTERIOR WALLPACK FIXTURE
	EXTERIOR BOLLARD FIXTURE
	EXTERIOR STREET/PARKING POLE FIXTURE
	EMERGENCY LIGHT
	EXIT SIGN w/ EMERGENCY LIGHT (FACES/ARROWS AS INDICATED)
	CEILING MOUNTED EXIT SIGN (FACES/ARROWS AS INDICATED)
	WALL MOUNTED EXIT SIGN (FACES/ARROWS AS INDICATED)
	SIDE MOUNTED EXIT SIGN (FACES/ARROWS AS INDICATED)
	SINGLE POLE SWITCH
	THREE-WAY SWITCH
	DIMMER SWITCH
	MOMENTARY CONTACT SWITCH
	MANUAL SWITCH, INTEGRATED PIR SENSOR
	SWITCH WITH INDICATOR LIGHT
	PHOTOCELL
	TIME CLOCK
	CEILING MOUNTED OCCUPANCY SENSOR
	WALL MOUNTED OCCUPANCY SENSOR
	LIGHTING CONTROL PANEL

EMERGENCY DESIGNATION:
FIXTURES WITH HATCH GRAPHIC INDICATES LIGHTS ON EM OKT

Legend:
ON = ON
OFF = OFF
EM OKT = EM OKT

ELECTRICAL ABBREVIATIONS

A	AMPERE
AC	ABOVE COUNTER
ADA	AMERICANS WITH DISABILITIES ACT
AFAT	AMP FRAME, AMP TRIP
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERES INTERRUPTING CAPACITY (SYMMETRICAL)
ASAF	AMP SWITCH, AMP FUSE
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BFG	BELOW FINISHED GRADE
C	CONDUIT
CB	CIRCUIT BREAKER
OKT	CIRCUIT
CLG	CEILING
CT	CURRENT TRANSFORMER
DISC	DISCONNECT
(E)	EXISTING
EPO / ESD	EMERGENCY POWER OFF / EMERGENCY SHUT DOWN
FLA	FULL LOAD AMPS
FS	FIRE SMOKE DAMPER
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GND	GROUND
HOA	HAND-OFF AUTO SELECTOR
HP	HORSEPOWER
IG	ISOLATED GROUND
KVA	KILOVOLT AMPERES
KW	KILOWATT
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCM	THOUSAND CIRCULAR MILS
MCP	MOTOR CIRCUIT PROTECTOR
MFR	MANUFACTURER
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
NC / NO	NOT CONNECTED / NORMALLY OPEN
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NF	NON-FUSED
NC	NOT IN CONTRACT
NL	NIGHT LIGHT (SECURITY)
NXS	NOT TO SCALE
NO	NO CONNECTION
OFPI	OWNER FURNISHED, CONTRACTOR INSTALLED
PROVIDE	FURNISH AND INSTALL
(R)	RELOCATED
SPD	SURGE PROTECTION DEVICE
TYP	TYPICAL
UC	UNDER COUNTER
UG	UNDERGROUND
UN	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SYSTEM
V	VOLTS
VA	VOLT AMPERES
YFD	VARIABLE FREQUENCY DRIVE
WP	WEATHERPROOF
XTMR	TRANSFORMER
%Z	PERCENTAGE IMPEDANCE

PLAN SYMBOLS LEGEND

PLAN	DESCRIPTION
	DRAWING KEYNOTE
	DEMOLITION DRAWING KEYNOTE
	REVISION CLOUD TAG
	MECHANICAL EQUIPMENT CALLOUT
	LIGHTING CONTROL
	TYPICAL CIRCUIT NUMBER
	TYPICAL LUMINAIRE TYPE
	MISC./OWNER EQUIPMENT CALLOUT
	MEDICAL EQUIPMENT CALLOUT
	DOOR NUMBER
	ELEVATION/SECTION CALLOUT

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- DEMOLITION KEYNOTES:**
- 1 PROTECT EXISTING WH-FI NODE DURING CONSTRUCTION & PREPARE FOR RELOCATION ONTO NEW CEILING
 - 2 REMOVE AND SALVAGE EXISTING FIRE ALARM NOTIFICATION APPLIANCE FOR RELOCATION.
 - 3 REMOVE EXISTING LUMINAIRES WHERE NEW DUCT IS BEING ROUTED TO ALLOW FOR DUCT INSTALLATION. REINSTALL AND RECONNECT TO EXISTING CIRCUITRY. EXTEND CONDUIT AND WIRING AS NECESSARY.
 - 4 REWORK CIRCUITRY IN THIS AREA FOR LUMINAIRES AND THE EXISTING CONTROLS TO REMAIN.
 - 5 TRACE EXISTING RECEPTACLES AND EQUIPMENT INDICATED BACK TO SOURCE. LABEL DEVICES WITH SOURCE AND CIRCUIT.

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**MEMORIAL HOSPITAL OF
SWEETWATER COUNTY
LAUNDRY RENOVATION**
1200 COLLEGE DRIVE,
ROCK SPRINGS, WY 82901

ST-B PROJECT NO.: 2645.24

NO	SUBMISSION	DATE
1	HLS MINOR PROJECTS SUBMITTAL	02/13/26
2	PERMIT	04/09/26
3	ISSUE FOR BID	6/11/2026

SHEET NAME
**PARTIAL LOWER
LEVEL LAUNDRY
ELECTRICAL
DEMOLITION PLAN**

SHEET NO.
E100



- 
- Memorial
Hospital**
OF SWEETWATER COUNTY

MEMORIAL HOSPITAL OF
SWEETWATER COUNTRY
LAUNDRY RENOVATION

1200 COLLEGE DRIVE,
ROCK SPRINGS, WY 82901

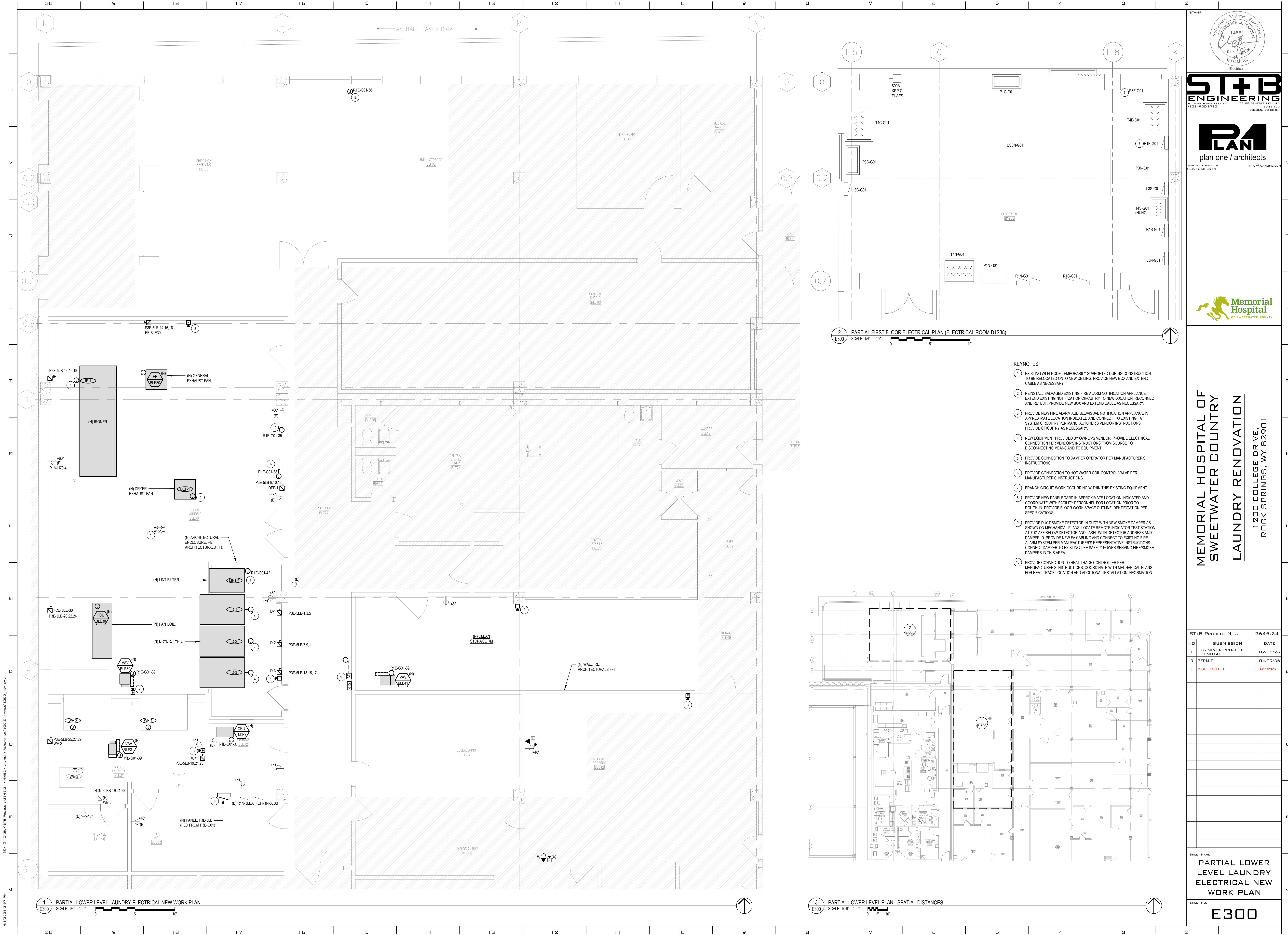
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SHEET NAME

PARTIAL LOWER
LEVEL LAUNDRY
LIGHTING NEW
WORK PLAN

SHEET NO.

E200



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ST-B PROJECT NO.:			2645.24
NO	SUBMISSION	DATE	
1	HLS MINOR PROJECTS SUBMITTAL	02/13/26	
2	PERMIT	04/09/26	
3	ISSUE FOR BID	01/12/26	

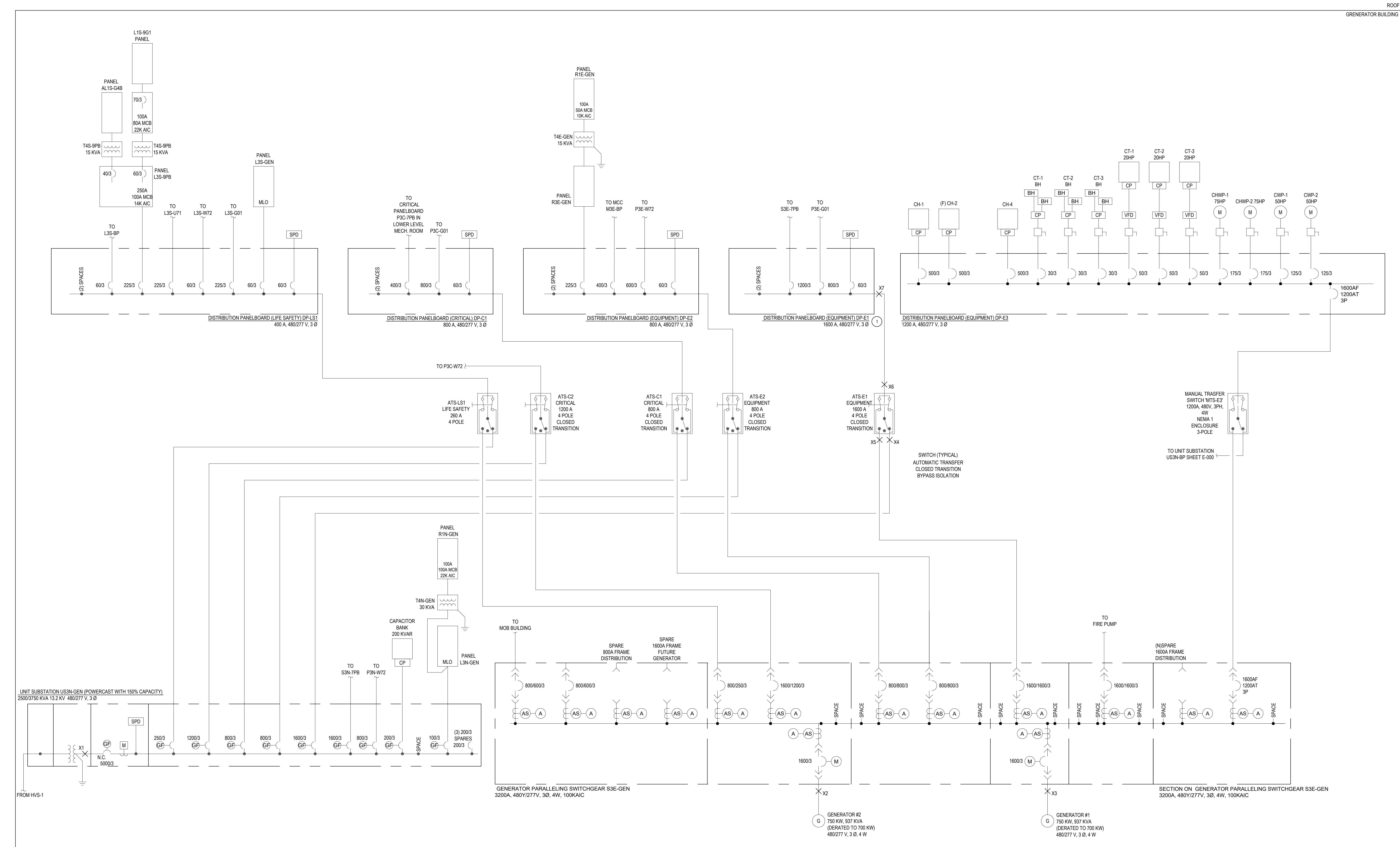
SHEET NAME

PARTIAL LOWER LEVEL LAUNDRY ELECTRICAL NEW WORK PLAN

SHEET NO.

E300

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KEYNOTES:
1 OWNER TO PROVIDE CONTINUOUS 30-DAY METERING OF EXISTING EQUIPMENT NOTED TO INCLUDE READINGS AT EACH PHASE OF VOLTAGE, AMPERAGE, PF AND KVA. READINGS SHALL BE CONTINUOUS WITH DATA PROVIDED AT 15-MINUTE INTERVALS PER NEC 220.87. PROVIDE A SUMMARY TO INCLUDE THE PEAK (MAXIMUM) AMPERAGE AND KVA READINGS FOR EACH PHASE AS RECORDED. PROVIDE A SUMMARY OF THE INITIAL RESULTS AT SEVEN DAYS TO THE ENGINEER.

SHORT CIRCUIT SCHEDULE		
POINT	LOCATION	SHORT CIRCUIT (ISC)
X1	US3N-GEN XFMR	87,345
X2	GEN 2	4,500
X3	GEN 3	4,500
X4	ATS-E1 XFMR	77,990
X5	ATS-E1 GEN	8,829
X6	ATS-E1 SECONDARY	86,745
X7	DP-E1	79,445
X8	P3E-G01	28,915
X9	(N) P3E-SLB	13,985

FEEDER SCHEDULE		
KEY	CONDUCTORS	CONDUIT (IN.)
198-4G	3/10 & 1/80	2

1 ONE-LINE DIAGRAM - GENERATOR BUILDING
E500 SCALE: NONE

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**MEMORIAL HOSPITAL OF SWEETWATER COUNTRY
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ST-B PROJECT NO.: 2645.24

NO	SUBMISSION	DATE
1	HLS MINOR PROJECTS SUBMITTAL	02/13/26
2	PERMIT	04/09/26
3	ISSUE FOR BID	01/1/2025

SHEET NAME
**ELECTRICAL
ONE-LINE DIAGRAM
- GENERATOR BLDG**

SHEET NO.
E500

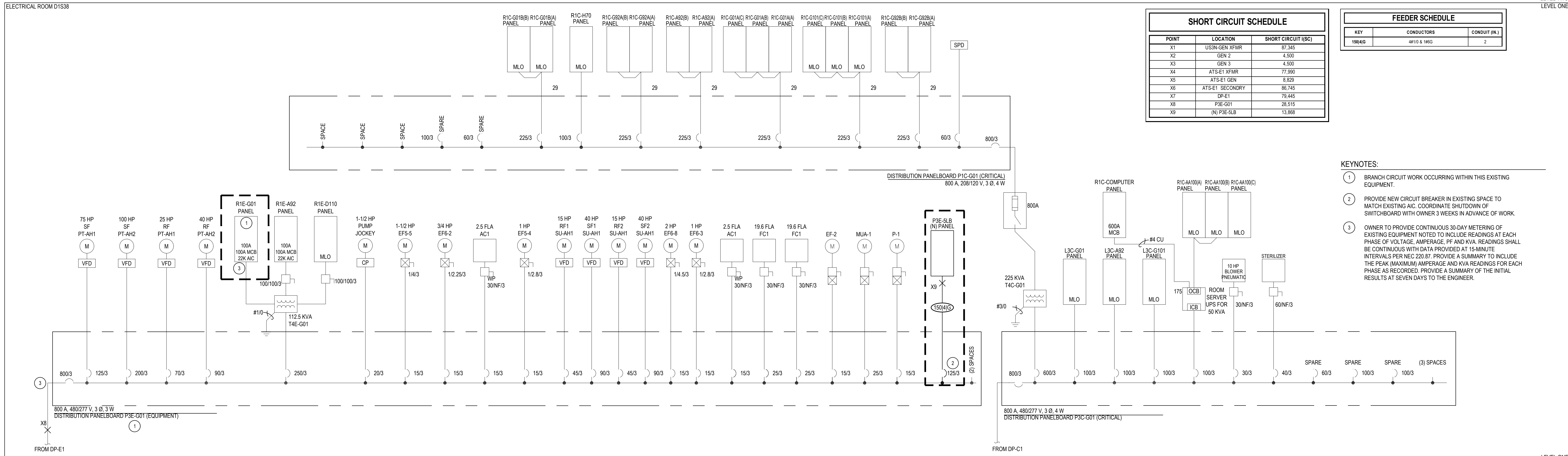
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ELECTRICAL ROOM D1S38

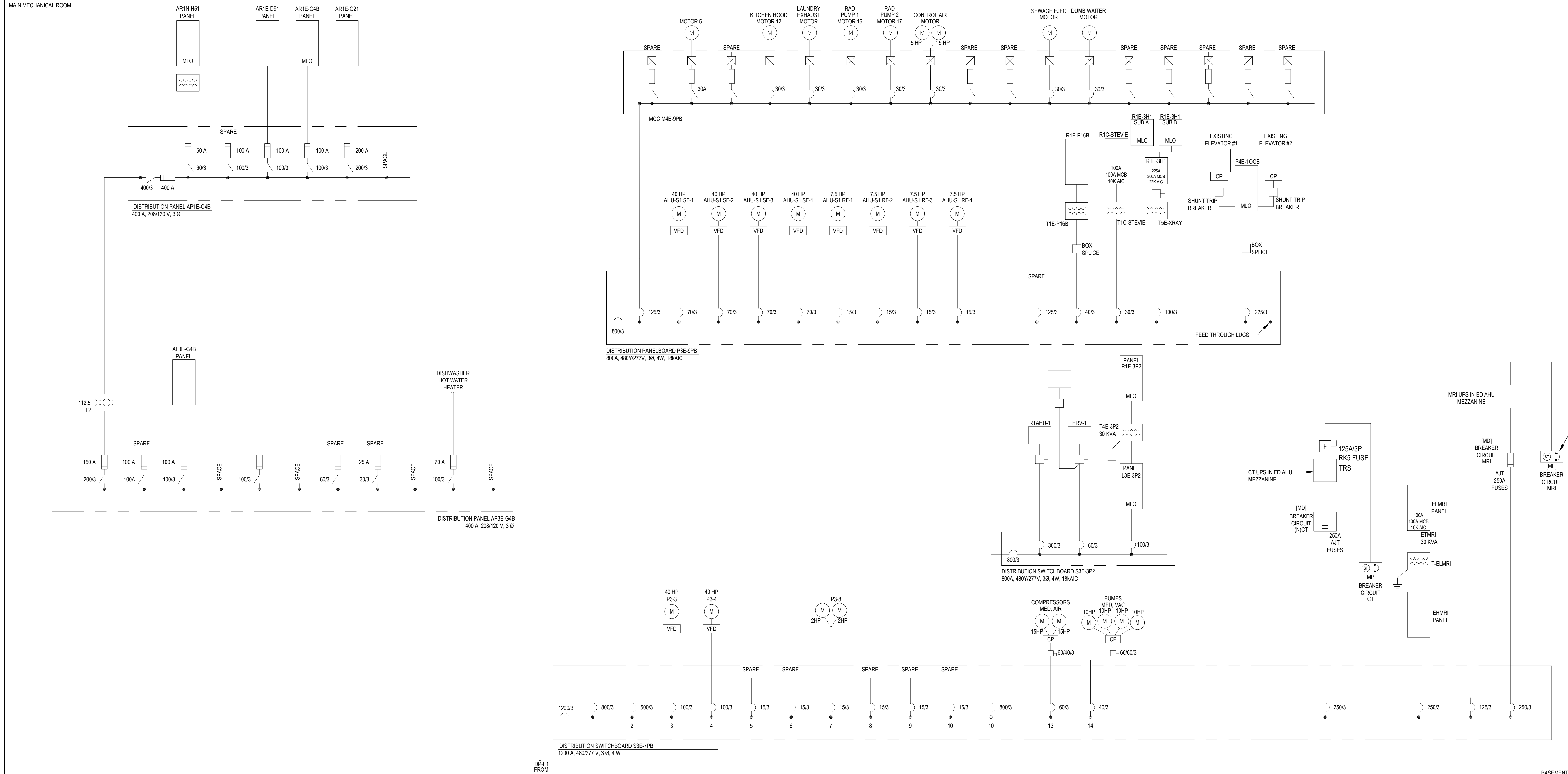


SHORT CIRCUIT SCHEDULE		
POINT	LOCATION	SHORT CIRCUIT (ISC)
X1	US3N-GS3 X1MR	87.242
X2	GEN 2	4.500
X3	GEN 3	4.500
X4	ATS-E1 XFMR	77.890
X5	ATS-E1 GEN	5.820
X6	ATS-E1 SECONDARY	86.745
X7	DP-E1	79.445
X8	PSE-G01	28.515
X9	(N) PSE-SLB	13.868

FEEDER SCHEDULE		
KEY	CONDUCTORS	CONDUIT (IN.)
150/40	4F10 & 1802	2

- KEYNOTES:
- BRANCH CIRCUIT WORK OCCURRING WITHIN THIS EXISTING EQUIPMENT.
 - PROVIDE NEW CIRCUIT BREAKER IN EXISTING SPACE TO MATCH EXISTING AIC. COORDINATE SHUTDOWN OF SWITCHBOARD WITH OWNER 3 WEEKS IN ADVANCE OF WORK.
 - OWNER TO PROVIDE CONTINUOUS 30-DAY METERING OF EXISTING EQUIPMENT NOTED TO INCLUDE READINGS AT EACH PHASE OF VOLTAGE. AMPERAGE, PF AND KVA. READINGS SHALL BE CONTINUOUS WITH DATA PROVIDED AT 15-MINUTE INTERVALS PER NEC 220.87. PROVIDE A SUMMARY TO INCLUDE THE PEAK (MAXIMUM) AMPERAGE AND KVA READINGS FOR EACH PHASE AS RECORDED. PROVIDE A SUMMARY OF THE INITIAL RESULTS AT SEVEN DAYS TO THE ENGINEER.

MAIN MECHANICAL ROOM



1 E501 ONE-LINE DIAGRAM - EQUIPMENT POWER
SCALE: NONE

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ST-B PROJECT NO.: 2645.24

NO	SUBMISSION	DATE
1	HLS MINOR PROJECTS SUBMITTAL	02/13/25
2	PERMIT	04/09/25
3	ISSUE FOR BID	04/11/2025

SHEET NAME: **ELECTRICAL ONE-LINE DIAGRAM - EQUIPMENT BRANCH**

SHEET NO.: **E501**

