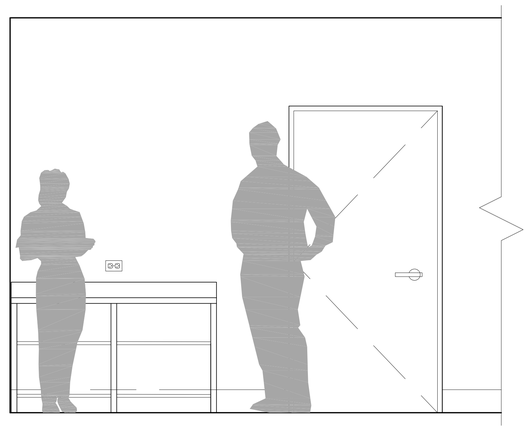

SHERIDAN HEALTH SERVICES

SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ
MEDICAL CAMPUS
21-107321

SHERIDAN HEALTH SERVICES - SUITE REMODELS

University of Colorado Anschutz Medical Campus
Proj. #: 21-107321
3525 W Oxford Ave. Denver, CO 80296

DESIGN DEVELOPMENT

SEPTEMBER 1, 2023

LOCATION:

NORTH

ALTERNATES:

ADD ALT #1: DEMO: REMOVE DOOR LOCK SETS, REMOVING EXISTING DOOR
NEW CONSTRUCTION: INSTALL NEW DOORS AND DOOR HARDWARE, INSTALL NEW WORKSPACE COUNTERTOPS, PAINT WALLS AS NOTED.

ADD ALT #2: ADD POWER OPENERS TO EXISTING DOORS

ADD ALT #3: NEW CONSTRUCTION: INSTALL NITROUS CONNECTION TO ALL 6 DENTAL OPS

ADD ALT #4: DEMO: REMOVE EXISTING FLOORING AND RUBBER BASE, DEMO EXISTING HANDRAILS.
NEW CONSTRUCTION: INSTALL NEW FLOORING AND WALL BASE.

CONTACTS:

OWNER: UNIVERSITY OF COLORADO DENVER
FACILITIES MANAGEMENT
1945 NORTH WHEELING STREET
AURORA, COLORADO 80045
CONTACT: STEPHANIE MENKE
PH: 303.483.1594

ARCHITECT: ARCHITECTURAL WORKSHOP LLC
2 KALAMATH STREET
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MEP ENGINEER: BG BUILDING WORKS
1626 COLE BLVD, SUITE 300, BLDG 7
LAKEWOOD, COLORADO 80401
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DRAWING INDEX:

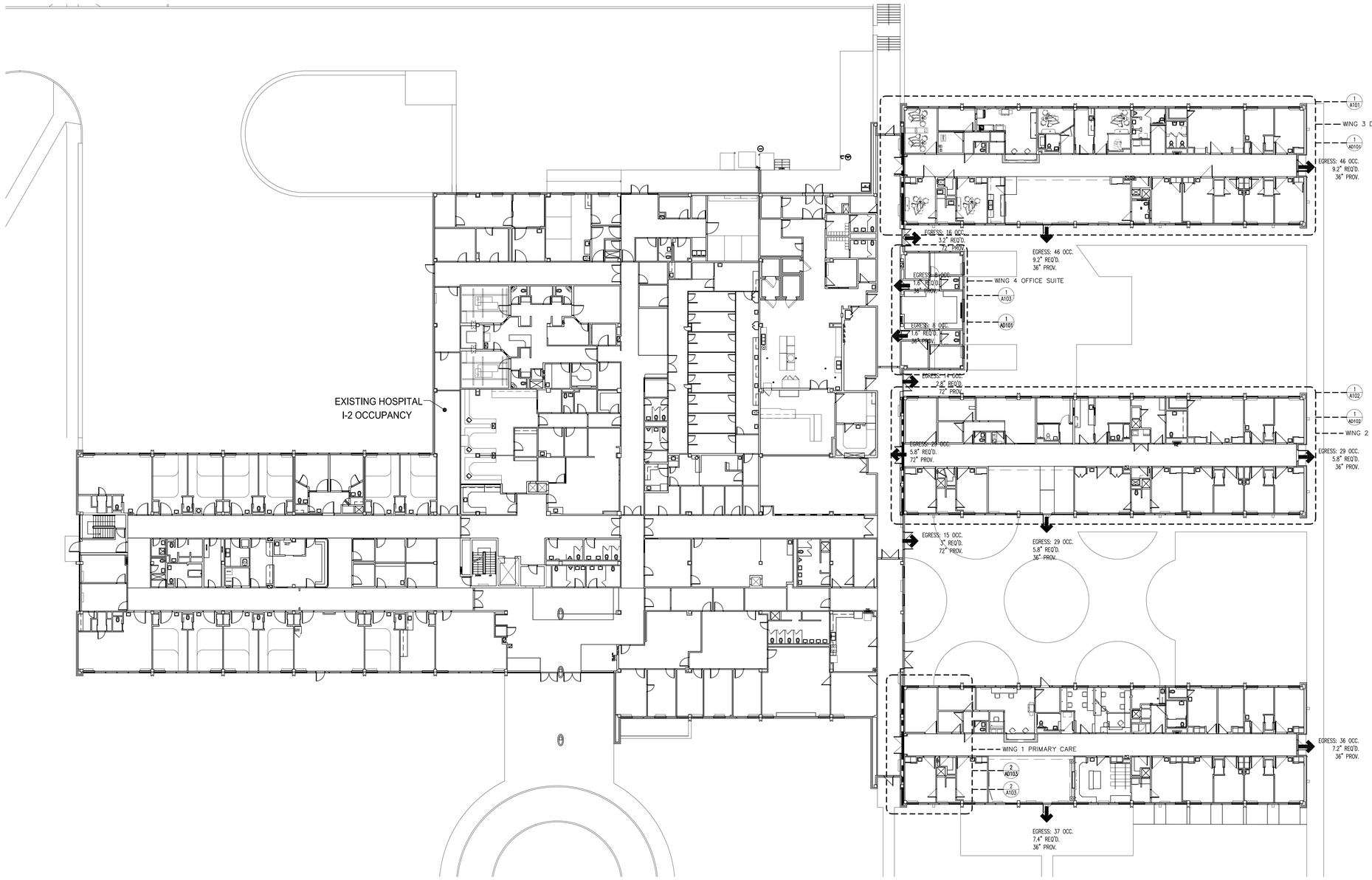
ARCHITECTURAL WORKSHOP . DENVER COLORADO

DATE	DESCRIPTION
09.01.23	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: JAN. 2023

COVER, ALTERNATES, LOCATIONS, CONTACTS, INDEX

G-001



1 EGRESS PLAN – MAIN LEVEL

1/16" = 1'-0"

PROJECT NORTH

CODE:

DESCRIPTION OF WORK: (TENANT IMPROVEMENT)
RENOVATION (T.I.) OF EXISTING 4 WINGS (B OCCUPANCY) ATTACHED TO EXISTING HOSPITAL (I-2 OCCUPANCY).
THIS FACILITY DOES NOT PROVIDE ANY AMBULATORY SERVICES

CODE REFERENCE:
2021 INTERNATIONAL BUILDING CODE (IBC)
2017 ICC/ANSI A117.1 ACCESSIBILITY STANDARDS
2021 NATIONAL MECHANICAL CODE (IMC)
2020 NATIONAL ELECTRICAL CODE (NEC)
2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2021 INTERNATIONAL PLUMBING CODE (IPC)

BUILDING ADDRESS: 3525 WEST OXFORD AVE., DENVER, COLORADO 80236

BUILDING CONSTRUCTION: TYPE II-B (NO CHANGE FROM EXISTING)

OCCUPANCY GROUP: B, I-2 (NO CHANGE FROM EXISTING)

CONSTRUCTION AREA: WING 1: 600 G.S.F., WING 2: 2,300 G.S.F., WING 3: 50 G.S.F., WING 4: 1,000 G.S.F

TOTAL CONSTRUCTION AREA: 3,950 G.S.F.

TABLE 504.3: ALLOWABLE BUILDING HEIGHT:

SPRINKLED:	75 FEET
NON-SPRINKLED:	55 FEET
EXISTING WING 1, 2, 3, AND 4	12 FEET

TABLE 504.4: ALLOWABLE NUMBER OF STORIES:

SPRINKLED:	4 STORIES
NON-SPRINKLED:	3 STORIES
EXISTING WINGS 1, 2, 3, AND 4	1 STORY

TABLE 506.2: ALLOWABLE AREA FACTOR:

SPRINKLED 1 STORY:	92,000 SQ.FT.
SPRINKLED SPRINKLED:	69,000 SQ.FT.
NON-SPRINKLED:	23,000 SQ.FT.
EXISTING WINGS 1, 2, AND 3	5,970 SQ.FT. EACH
EXISTING WING 4	2,300 SQ.FT.

SECTION 508: MIXED USE & OCCUPANCY:
TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES:
(I-2) TO A (B) OCCUPANCY = 2HR PLUS SPRINKLER SYSTEM

TABLE 601: FIRE RESISTIVE REQUIREMENT FOR BUILDING ELEMENTS:

PRIMARY STRUCTURAL FRAME:	0 HOUR
BEARING WALLS:	0 HOUR
NON-BEARING WALLS	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR

SECTION 713: SHAFT ENCLOSURES:
SHAFT ENCLOSURES SHALL BE 1 HOUR RATED.

SECTION 903: THE EXISTING HOSPITAL IS PARTIALLY SPRINKLED. CURRENTLY WINGS 1 AND 3 ARE SPRINKLED.

SECTION 906: PORTABLE FIRE EXTINGUISHERS.
PORTABLE FIRE EXTINGUISHERS ARE REQUIRED IN A-3 AT NO MORE THAN 75' TRAVEL DISTANCE.

SECTION 907: THE EXISTING HOSPITAL AND 3 WINGS ARE EQUIPPED THROUGHOUT WITH A FIRE ALARM AND DETECTION SYSTEM.

TABLE 1004.5: AREA \ OCCUPANCY LOAD:

		AREA (G.S.F.)	OCCUPANCY LOAD:
WING 1 PRIMARY CARE (B)	=	5400	36
WING 1 PRIMARY CARE (ASSEMBLY)	=	270	18
WING 1 PRIMARY CARE (STORAGE)	=	300	1
WING 1 PRIMARY CARE WING TOTALS		5970	55 OCC.
WING 2 BEHAVIORAL HEALTH (B)	=	5163	35
WING 2 BEHAVIORAL HEALTH (ASSEMBLY)	=	510	34
WING 2 BEHAVIORAL HEALTH (STORAGE)	=	297	1
WING 2 BEHAVIORAL HEALTH WING TOTALS		5970	70 OCC.
WING 3 DENTAL CLINIC (B)	=	5032	34
WING 3 DENTAL CLINIC (ASSEMBLY)	=	600	40
WING 3 DENTAL CLINIC (STORAGE)	=	338	1
WING 3 DENTAL CLINIC WING TOTALS		5970	75 OCC.
WING 4 OFFICE SUITE (B)	=	2300	16
WING 4 OFFICE SUITE WING TOTALS		2300	16 OCC.
PROJECT TOTAL :	=	20,210 S.F.	216 OCC.

SECTION 1005: EGRESS WIDTH:
DOORS 72" PROVIDED (MIN. 32" REQ'D AS PER 1010.1.1)

SECTION 1005.5: DISTRIBUTION OF EGRESS CAPACITY: LOSS OF ONE EXIT = <50% OF REQUIRED CAPACITY. REQUIREMENT MET.

TABLE 1006.2.1: COMMON PATH OF EGRESS TRAVEL: B OCC. = SPRINKLED =100', NON-SPRINKLED =75'
MAX. PROVIDED B OCC. = 45'

TABLE 1006.3.3: MINIMUM NUMBER OF EXITS REQUIRED = 2 (PER WING)

SECTION 1007.1.1: TWO EXITS OR EXIT ACCESS DOORWAYS:
EXIT OR EXIT ACCESS DOORWAYS SHALL BE NOT LESS THAN 1/2 THE DIAGONAL OF THE AREA SERVED IN NON-SPRINKLERED BUILDINGS.
EXCEPTION 2: EXIT OR EXIT ACCESS DOORWAYS SHALL BE NOT LESS THAN 1/3 THE DIAGONAL OF THE AREA SERVED IN SPRINKLED BUILDINGS.
EXISTING DIAGONAL OF WINGS 1, 2 AND 3 = 146', WING 4 = 46'. EXISTING EXTERIOR DOORS OF WINGS 1, 2 AND 3 ARE SEPARATED BY 140'. EXISTING EXTERIOR DOORS OF WING 4 ARE SEPARATED BY 18'.

TABLE 1017.2: EXIT ACCESS TRAVEL DISTANCE: B OCCUPANCY: SPRINKLED BUILDING = 300', NON-SPRINKLERED BUILDING = 200'.

TABLE 1020.2: CORRIDOR FIRE RESISTANCE RATING: B OCCUPANCY IN SPRINKLED BUILDING = NO RATING REQUIRED.
NON-SPRINKLED BUILDING =1 HR.

TABLE 1020.3: MINIMUM CORRIDOR WIDTH: 44" MIN. EXISTING IN WINGS 1, 2, AND 3 = 94", MINIMUM CORRIDOR WIDTH IN WING 4: 36"

SECTION 1020.5: CORRIDOR WIDTH IN WING 4= 40"
DEAD END CORRIDOR: 20'MAX. EXCEPTION-2: IN SPRINKLED B OCC. = 50'. WINGS 1 AND 3 DEAD END = 30'. WING 4 DEAD END = 6'.

TABLE 2902.1: RESTROOM FIXTURE REQUIREMENTS WING 1 PRIMARY CARE: B MALE =28, FEMALE 28

WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	
MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
1.06	1.06	0.7	0.7	0.28	0.28

TOTAL PROVIDED: WATER CLOSETS =4, LAVATORIES =4, DRINKING FOUNTAIN =1
NOTE: THERE IS AN EXISTING HARD PIPED WATER COOLER IN THE WAITING AREA TO REMAIN.

RESTROOM FIXTURE REQUIREMENTS WING 2 BEHAVIORAL HEALTH: B MALE =35, FEMALE 35

WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	
MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
1.2	1.2	0.875	0.875	0.35	0.35

TOTAL PROVIDED: WATER CLOSETS =5, LAVATORIES =5, DRINKING FOUNTAIN =1
NOTE: THERE IS AN EXISTING HARD PIPED WATER COOLER IN THE WAITING AREA TO REMAIN.

RESTROOM FIXTURE REQUIREMENTS WING 3 DENTAL CLINIC: B MALE =38, FEMALE 38

WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	
MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
1.26	1.26	0.95	0.95	0.38	0.38

TOTAL PROVIDED: WATER CLOSETS =7, LAVATORIES =7, DRINKING FOUNTAIN =2

RESTROOM FIXTURE REQUIREMENTS WING 4 OFFICE SUITE: B MALE =8, FEMALE 8

WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	
MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
1	1	0.2	0.2	0.08	0.08

TOTAL PROVIDED: WATER CLOSETS =2, LAVATORIES =2, DRINKING FOUNTAIN =1

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS

SHERIDAN HEALTH SERVICES
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ARCHITECTURAL WORKSHOP . DENVER COLORADO

DATE	DESCRIPTION
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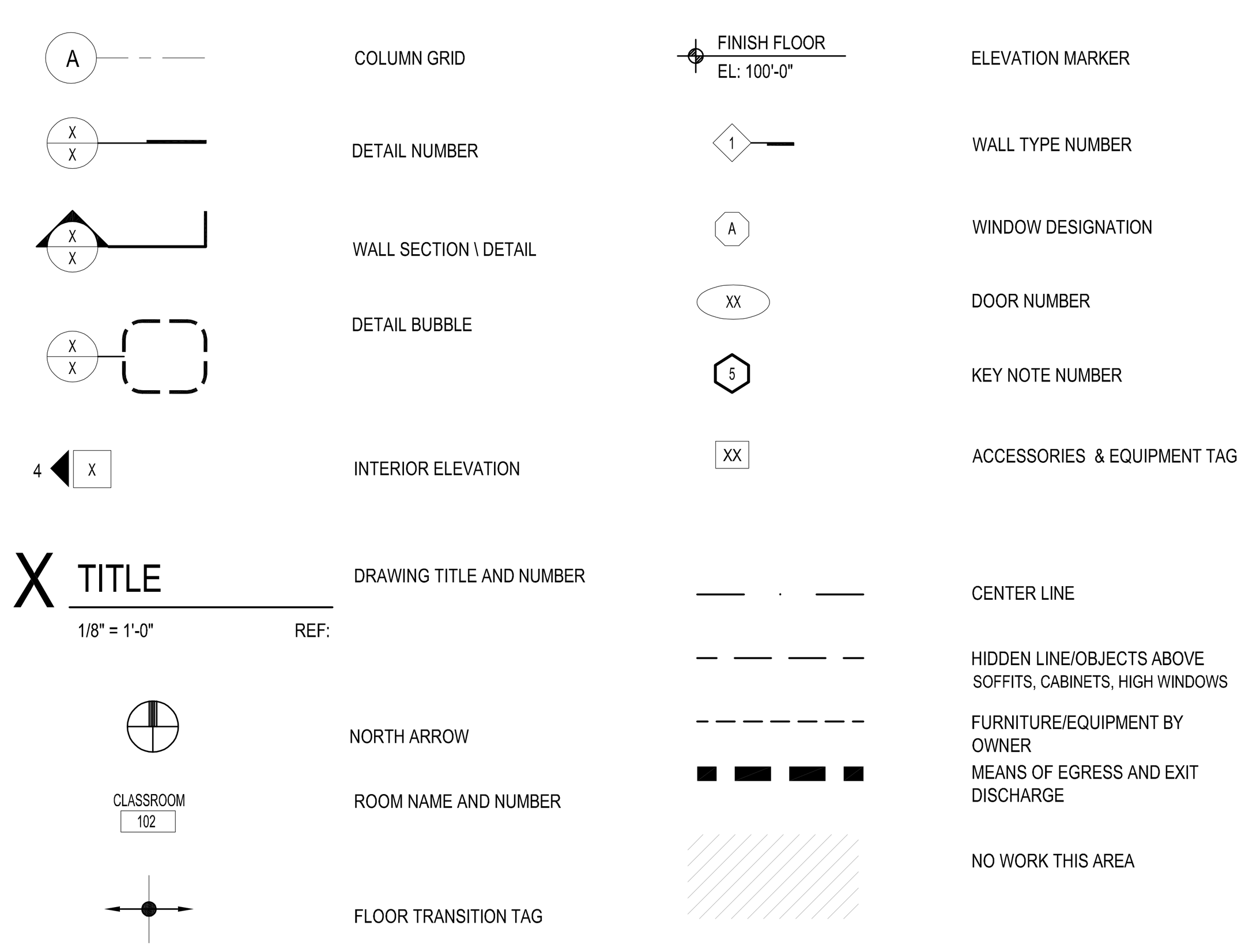
CODE REVIEW,
EGRESS PLAN

G-002

ABBREVIATIONS:

A.F.F.	ABOVE FINISH FLOOR
A.C.T.	ACOUSTIC CEILING TILES
ADJ.	ADJUSTABLE
AL	ALUMINUM
ALT	ALTERNATE
@	AT
B.M.	BENCH MARK
BLK	BLOCK
BD	BOARD
BLDG	BUILDING
CPT	CARPET
CLK	CAULKING
CLG	CEILING
CTR	CENTER
C.T.	CERAMIC TILE
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CJ	CONTROL JOINT
CONT	CONTINUOUS/CONTINUE
CONTR	CONTRACTOR
CORR.	CORRIDOR
C.U.H.	CABINET UNIT HEATER
DET/DTL	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
D.S.	DOWN SPOUT
DWG	DRAWING
D.F.	DRINKING FOUNTAIN
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EXH.	EXHAUST
EXIST	EXISTING
E.J.	EXPANSION JOINT
EXT	EXTERIOR
FT	FEET
FIN	FINISH
F.F.	FINISH FLOOR
F.A.P.	FIRE ALARM PANEL
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
FL	FLOOR/FLOOR LINE
F.D.	FLOOR DRAIN
FM	FACILITY MANAGEMENT
GALV.	GALVANIZED
GA	GAUGE
GEN	GENERAL
G.C.	GENERAL CONTRACTOR
GYP. BD.	GYPSUM BOARD
HT	HEIGHT
H.M.	HOLLOW METAL
IN	INCH
INSUL	INSULATION
INT.	INTERIOR
JAN	JANITOR
JT	JOINT
LAB	LABORATORY
LAM	LAMINATE
LF	LINEAL FOOT
MFR	MANUFACTURER
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MTL/MET	METAL
MIN	MINIMUM
MISC	MISCELLANEOUS
NONCOM	NON-COMBUSTIBLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NO.	NUMBER
OFF	OFFICE
O.C.	ON CENTER
OPG	OPENING
OPH	OPPOSITE HAND
O.T.S.	OPEN TO STRUCTURE
PNT	PAINTED/PAINT
PTN	PARTITION
PL	PLASTER
PLT	PLATE
PLWD	PLYWOOD
PM	PROJECT MANAGER
PREFIN	PREFINISHED
PRELIM	PRELIMINARY
RAD	RADIUS
RECP	RECEPTACLE
REF	REFERENCE
REINF	REINFORCE
REQ'D	REQUIRED
RM	ROOM
SAN	SANITARY
SCH	SCHEDULE
SECT.	SECTION
SHT	SHEET
SIM	SIMILAR
S.D	SMOKE DETECTOR
SPR.	SPRINKLER
SF	SQUARE FOOT
S.S.	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STOR	STORAGE
STR	STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRIC
TEL	TELEPHONE
T.O.C.	TOP OF CONCRETE
T.O.D.	TOP OF DECK
T.O.M.	TOP OF MASONRY
T.O.S.	TOP OF STEEL
TYP	TYPICAL
UCB	UNIVERSITY OF COLORADO BOULDER
UC	UNDER COUNTER
UNFIN	UNFINISHED
U.N.O.	UNLESS NOTED OTHERWISE
V.I.F.	VERIFY IN FIELD
VERT	VERTICAL
V.C.T.	VINYL COMPOSITION TILE
W.C.	WATER CLOSET
W/	WITH
W/O	WITH OUT
WD	WOOD

SYMBOLS:



GENERAL CONTRACTOR NOTES:

1. PERMIT:
   THE GENERAL PERMIT / BUILDING CARD TO BE ISSUED BY CU ANSCHUTZ.

   MEP PERMITS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND ARE ISSUED THROUGH THE STATE. GC IS RESPONSIBLE FOR THE PERMIT AND ALL FEES. ALL MEP INSPECTIONS ARE BY THE STATE,

   FIRE PERMIT AND INSPECTIONS ARE THROUGH DENVER FIRE. THE GC IS RESPONSIBLE FOR SUBMITTING ALL REQUIRED DRAWINGS FOR PERMIT AND PAYING FOR PERMIT FEES. ALL FIRE INSPECTIONS ARE BY DENVER FIRE.
2. SITE EXAMINATION:
   GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VISIT AND EXAMINE THE SITE AND BUILDING IN EVERY DETAIL AS IT PERTAINS TO THE PROJECT PRIOR TO SUBMITTING A BID PROPOSAL.
3. DISCREPANCIES:
   ANY DISCREPANCIES DISCOVERED BY THE GENERAL CONTRACTOR OR BY THE SUBCONTRACTORS, BETWEEN DIMENSIONS, CONFLICTING INFORMATION OR CONFLICTS UNFORESEEN PREVIOUSLY SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
4. BUILDING CODE COMPLIANCE:
   PERFORM ALL WORK TO COMPLY WITH APPLICABLE BUILDING CODES AND REGULATIONS. FOR EXISTING BUILDING CONDITIONS THAT ARE NOT CONSTRUCTED TO MEET CURRENT BUILDING CODES, THE GENERAL CONTRACTOR IS TO PROVIDE ALTERNATE PRICING TO BRING ITEMS INTO CODE COMPLIANCE.
5. LONG LEAD ITEMS:
   THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH THE PROJECT SCHEDULE AND DEADLINES, AND FOR ADVISING THE ARCHITECT FOR ALL LONG LEAD ITEMS. ORDER CONFIRMATION SHALL BE SUBMITTED WITH DELIVERY DATES. PROVIDE LEAD TIME ESTIMATES WITH ANY BID PROPOSALS. IT SHALL BE AT THE GENERAL CONTRACTORS EXPENSE IF ANY LONG LEAD ITEMS ARE DISCOVERED AFTER THE PROJECT BEGINS.
6. SCHEDULING:
   THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COORDINATION OF THE SCHEDULE WITH THE BUILDING SCHEDULE AND BUILDING EVENTS. THE CONTRACTOR SHALL BE IN CONSTANT CONTACT WITH THE PROJECT MANAGER TO BE AWARE OF ANY POSSIBLE SCHEDULE CHANGES AND COORDINATE ANY POSSIBLE CONSTRUCTION AND BUILDING USAGE CONFLICTS.
7. ACCESS:
   GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE UNIVERSITY PROJECT MANAGER FOR HOURS OF OPERATION, ALLOWABLE CONSTRUCTION TIMES AND CONSTRUCTION ACTIVITIES. THE G.C. SHALL ASSUME ALL RESPONSIBILITY FOR ALL SUB-CONTRACTORS. THE G.C. SHALL BE RESPONSIBLE TO OBTAIN SECURITY KEY CARDS FOR ACCESS TO THE BUILDING AND TO THE FLOOR.
8. DISPOSAL:
   THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE DUMPSTER. THE G.C. SHALL COORDINATE WITH THE UNIVERSITY PROJECT MANAGER FOR LOCATION AND ALLOWABLE SIZE. THE G.C. IS RESPONSIBLE TO OBTAIN ALL REQUIRED PERMITS. CONTRACTOR SHALL DISPOSE OF ALL DEBRIS LAWFULLY.
9. DEMOLITION:
   IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE DEMOLITION WITH NEW WORK REQUIREMENTS, COORDINATE COMPLETED EARLY DEMO WORK PERFORMED BY OTHERS WITH CU ANSCHUTZ PROJECT MANAGER TO ENSURE ALL DEMO IS COMPLETED.
10. PROTECTION OF EXISTING ITEMS:
    THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL EXISTING CONSTRUCTION ON AND OFF SITE, AND SHALL BE HELD RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY GENERAL CONTRACTOR OR ANY OF ITS SUBCONTRACTORS.
11. FIRE WALL PENETRATIONS:
    ALL PENETRATIONS THROUGH FIRE RESISTIVE CONSTRUCTION SHALL BE SEALED WITH AN APPROVED UL FIRE ASSEMBLY TO MAINTAIN THE REQUIRED FIRE RATING.
12. CLEAN UP:
    CLEANING OF EQUIPMENT SHALL BE LIMITED TO AREAS DESIGNATED BY THE BUILDING MANAGER. TRASH SHALL BE REMOVED AND SWEEPING\VACUUMING SHALL BE PROVIDED ON A DAILY AND CONTINUING BASIS THROUGHOUT THE CONSTRUCTION PROCESS. FINAL CLEANING SHALL BE PROVIDED BY THE CONTRACTOR AND INCLUDE WINDOWS, SILLS, WINDOW COVERINGS (BLINDS), CABINETS, LIGHT FIXTURES, SUPPLY AIR DIFFUSERS AND RETURN AIR GRILLS.
13. WORK PERFORMED UNDER SEPARATE CONTRACT:
    THE GENERAL CONTRACTOR IS TO VERIFY WITH THE BUILDING MANAGER, IF ANY WORK IS TO BE PERFORMED UNDER A SEPARATE CONTRACT.
14. CONTRACTOR AND SUB-CONTRACTORS ARE RESPONSIBLE TO READ AND UNDERSTAND ALL OF THE DRAWINGS AND THE PROJECT SPECIFICATIONS.
15. FREIGHT ELEVATOR, SHALL BE USED FOR CONSTRUCTION. COORDINATE WITH BUILDING MANAGER FOR ELEVATOR SCHEDULE AND CAB PREPARATION AND PROTECTION. CONTRACTOR TO WORK WITH ELEVATOR SIZE, REMOVAL OF EXTERIOR GLAZING FOR DELIVERY OF MATERIALS IN NOT ALLOWED.
16. PARKING ARRANGEMENTS:
    CONTRACTOR SHALL COORDINATE WITH CU ANSCHUTZ PTS FOR PARKING ARRANGEMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF SUB-CONTRACTOR PARKING.
17. CONTRACTOR TO ENSURE ANY/ALL NEW ASSEMBLY PENETRATIONS ARE PROPERLY SEALED PER CU ANSCHUTZ STANDARDS.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL DRAWINGS AND SPECIFICATIONS ALONG WITH SITE CONDITIONS TO ENSURE THE PROJECT BID IS COMPREHENSIVE. DURING THE BIDDER ADDENDUM QUESTION PHASE, CONTRACTOR SHALL NOTIFY ARCHITECT AND CU PROJECT MANAGER OF ANY ADDITIONAL SCOPE THAT MAY BE REQUIRED TO PROVIDE A COMPREHENSIVE PROJECT.
19. GENERAL CONTRACTOR AND ELECTRICAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR TRACING ALL EXISTING ELECTRICAL CIRCUITS ASSOCIATED WITH THIS PROJECT BACK TO THEIR PANEL(S) PRIOR TO TURNING OFF ANY CIRCUITS TO COMPLETE NEW WORK. PROVIDE UPDATED PANEL SCHEDULES AS REQUIRED PER ELECTRICAL DRAWINGS.
20. ASBESTOS - UNIVERSITY TO IS TO PROVIDE ABATEMENT PRIOR TO PROJECT KICKOFF, THE UNIVERSITY WILL PROVIDE THE CURRENT EHS REPORT FOR THE BUILDING. THE ARCHITECT DISCLAIMS ANY ADDITIONAL RESPONSIBILITIES AND\OR KNOWLEDGE OF ASBESTOS. THE OWNER ACCEPTS ALL RESPONSIBILITY FOR REMOVAL AND DISPOSAL OF ASBESTOS IF DISCOVERED BY THE GENERAL CONTRACTOR DURING THE DURATION OF THE PROJECT.

GENERAL ACCESSIBILITY NOTES:

1. FLOOR SURFACES SHALL BE SLIP-RESISTANT.
2. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2" IN HEIGHT. LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL. BEVEL OTHERS WITH A SLOPE NO GREATER THAN 1:2

LIFE SAFETY NOTES:

THE FOLLOWING NOTES SHALL BE A CONTRACTUALLY BINDING AND APPLY TO ALL DISCIPLINES. IT IS THE CONTRACTORS OBLIGATION TO ENSURE ALL WORK AND ALL SUB CONTRACTORS WORK BE PERFORMED IN COMPLIANCE WITH THE FOLLOWING NOTES IN ADDITION TO THE CONSTRUCTION DOCUMENTS AND PROJECT SPECIFICATIONS.

1. HOT WORK DURING CONSTRUCTION;
   THE CONTRACTOR SHALL ENSURE THAT ANY HOT WORK ACTIVITIES DURING CONSTRUCTION, E.G., USING HEAT GUNS, SOLDERING, BRAZING, WELDING, GRINDING, POWDER DRIVEN STUDS, METAL CUTTING USING POWER TOOLS OR OTHER ACTIVITIES INVOLVING FLAMES OR SPARKS ARE PRECEDED BY OBTAINING AN APPROVED HOT WORK PERMIT. IF A HOT WORK PERMIT IS REQUIRED, THE CONTRACTOR SHALL FOLLOW THE PROPER CU ANSCHUTZ PROCEDURES. HOT WORK PERMIT FORMS ARE AVAILABLE FROM CU ANSCHUTZ PROJECT MANAGERS OR FM OFFICE OF PLANNING.
2. ACCESS AND EGRESS OBSTRUCTIONS:
   THE CONTRACTOR SHALL CONFIRM THAT THE PROJECT STAGING AREA AND CONSTRUCTION ACTIVITIES DO NOT CAUSE THE OBSTRUCTION OF PATHS OF EGRESS INSIDE THE BUILDING, BLOCK EXIT DISCHARGE FROM THE BUILDING OR IMPEDE EMERGENCY VEHICLE ACCESS TO THE AREA.
3. DUST/FUME GENERATION:
   IF THE CONSTRUCTION ACTIVITIES GENERATE DUST OR FUMES INSIDE THE BUILDING, NECESSARY MEASURES ARE TO BE TAKEN TO PREVENT THE NUISANCE ACTUATION OF ANY NEARBY SMOKE OR DUCT DETECTORS. THE CONTRACTOR SHALL CONTACT THE FIRE SYSTEMS GROUP TO TAKE NECESSARY ACTIONS.
4. PENETRATIONS THROUGH FIRE RATED ASSEMBLIES:
   THE CONTRACTOR SHALL ENSURE THAT ANY PENETRATIONS THROUGH FIRE RATED ASSEMBLIES (FLOORS, PARTITIONS, WALLS, ETC.) ARE FIRE STOPPED WITH A CODE APPROVED ASSEMBLY.
5. OUTAGE PROCEDURES;
   THE CONTRACTOR SHALL ENSURE THAT ANY OUTAGES OF THE FIRE SYSTEMS ARE BASED ON THE CAMPUS PROCEDURES AND THAT THE CONTRACTOR MAY NOT HANDLE OR DISABLE FIRE SYSTEMS DEVICES; ONLY CAMPUS FIRE SYSTEMS PERSONNEL MAY HANDLE/ DISABLE EXISTING FIRE SYSTEMS. STANDARD OUTAGE NOTIFICATION FORM IS AVAILABLE ONLINE:
   http://www.colorado.edu/fm/node/4357/attachment/newest
6. PEDESTRIAN PROTECTION:
   THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ANY NECESSARY PEDESTRIAN PROTECTION MEASURES DURING CONSTRUCTION.

WORK UNDER A SEPARATE CONTRACT:

1. FIRE ALARM \ SECURITY SYSTEMS:
   CONTRACTOR SHALL BE RESPONSIBLE TO CONTRACT WITH AND COORDINATE THE REQUIRED WORK FOR FIRE ALARM AND SECURITY SYSTEMS. THE BUILDING REQUIRES THE USE OF THE FOLLOWING FIRMS FOR THE SCOPE OF WORK.
   FIRE ALARM: PER SPECIFICATION
   SECURITY\CARD READER: PER SPECIFICATION
2. BUILDING OWNER AND CU ANSCHUTZ PROJECT MANAGER SHALL PROVIDE GENERAL CONTRACTOR WITH REQUIRED INFORMATION FOR SUITE, WAY-FINDING, AND OFFICE SIGNAGE FOR THE PROJECT PER BUILDING STANDARDS. GENERAL CONTRACTOR TO PROVIDE SHOP DRAWING FOR REVIEW / APPROVAL PRIOR TO INSTALLATION

SHERIDAN HEALTH SERVICES

SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS
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ARCHITECTURAL WORKSHOP . DENVER COLORADO

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ABBREVIATIONS, SYMBOLS, GENERAL NOTES

G-003

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. ANY DISCREPANCIES IN DRAWINGS AND\OR EXISTING CONDITIONS SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
2. THE ARCHITECT DISCLAIMS ANY RESPONSIBILITIES AND\OR KNOWLEDGE OF ASBESTOS. THE OWNER ACCEPTS ALL RESPONSIBILITY FOR REMOVAL AND DISPOSAL OF ASBESTOS IF DISCOVERED.
3. DOORS IN STUD WALLS THAT ARE NOT SPECIFICALLY LOCATED, PROVIDE A HINGE SIDE JAMB DIMENSION OF 6" FROM DOOR OPENING TO ADJACENT WALL.
4. ALL WORK SHALL BE IN COMPLIANCE WITH UNIVERSITY CODE STANDARDS AND LIFE SAFETY CODE.
5. CONTRACTOR TO VERIFY PRIOR TO DEMO THAT ANY PIPING OR CONDENSATE LINES ARE ABANDONED AND CONFIRM WITH DEPARTMENT BEFORE REMOVAL.
6. ALL ABANDON PIPING, CONDUITS OR MISC. MEP MUST BE REMOVED
7. ALL NEW CONSTRUCTION SHALL NOT BLOCK ACCESS TO EXISTING COMMUNICATION OUTLETS, CABLE TRAYS, PULL BOXES, GUTTERS, ETC.
8. NEW CONSTRUCTION MUST ALIGN WITH EXISTING WALLS AND\OR ELEMENTS. WALL AND CEILING TEXTURES MUST MATCH AND BE BLENDED TO MEET OWNERS AND ARCHITECTS APPROVAL.
9. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL MECHANICAL NOTES AND SCHEDULES, PLUMBING NOTES AND SCHEDULES, ELECTRICAL NOTES AND FIRE SAFETY REQUIREMENTS.
10. SEE PROJECT SPECIFICATION BOOK FOR DETAIL DESCRIPTION OF MATERIALS AND QUALITY OF WORK.
11. SEE SHEET G-002 FOR PROJECT BUILDING CONSTRUCTION AND CODE INFORMATION, RATED WALLS AND EGRESS PLAN.
12. NEW DOORS / HARDWARE TO MATCH EXISTING BUILDING STANDARD AND UNIVERSITY STANDARDS, RE: DOOR SCHEDULE.

BASE BID DEMO KEYNOTES:

D1 EXISTING WINDOW TRIM AND SILL TO BE DEMOLISHED.

D2 DEMO EXISTING FLOORING AND RUBBER WALL BASE. PREP FLOORS FOR NEW VCT FLOORING AND NEW RUBBER BASE.

D3 REMOVE ANY F.E. SIGNAGE FROM DOOR. DOOR TO BE LOCKED BY OWNER. F.E. SIGNAGE TO BE SALVAGED AND RELOCATED.

D4 DEMO EXISTING BATHTUB AND SHELVING. PREP FLOORS FOR NEW FLOORING TO BE INSTALLED OVER EXISTING.

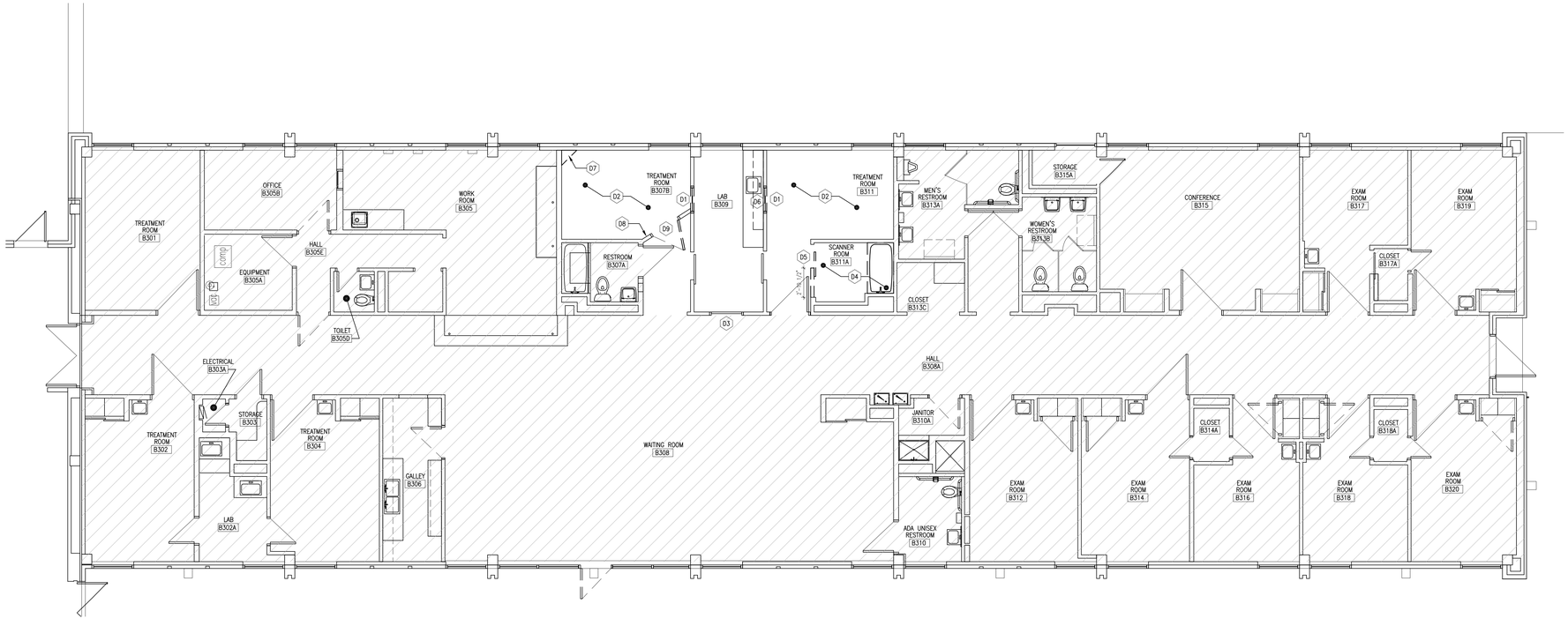
D5 DEMO WALL AND EXISTING DOOR. DEMO WALL TO THE HEIGHT OF THE EXISTING HEADER. PREP FOR NEW STEEL ANGLE HEADER.

D6 REMOVE AND SALVAGE EXISTING UPPER CABINETS.

D7 DEMO AND DISPOSE OF OVERHEAD PLYWOOD. PATCH, PAINT AND REPAIR WALLS AND CEILINGS AS NEEDED.

D8 DEMO AND DISPOSE OF PLYWOOD IN SPECIFIED LOCATIONS. PATCH, PAINT, AND REPAIR WALLS AS NEEDED.

D9 DEMO AND DISPOSE OF EXISTING DOOR AND HARDWARE. DOOR FRAME TO REMAIN PROTECT DURING CONSTRUCTION.



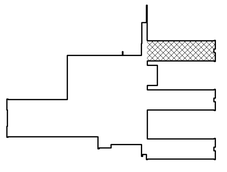
1 DEMO DENTAL FLOOR PLAN
3/16" = 1'-0"

PROJECT NORTH

LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- CABINET / CASEWORK ABOVE
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMO
- NO WORK IN THIS AREA

KEY PLAN:



SHERIDAN HEALTH SERVICES

SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS

21-107321

aw
ARCHITECTURAL WORKSHOP . DENVER COLORADO

DATE	DESCRIPTION
09.01.23	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM

PROJECT: 2207SHS INITIAL DATE: JAN. 2023

DEMO PLAN

DENTAL CLINIC WING 3

AD-101

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. ANY DISCREPANCIES IN DRAWINGS AND\OR EXISTING CONDITIONS SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
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3. DOORS IN STUD WALLS THAT ARE NOT SPECIFICALLY LOCATED, PROVIDE A HINGE SIDE JAMB DIMENSION OF 6" FROM DOOR OPENING TO ADJACENT WALL.
4. ALL WORK SHALL BE IN COMPLIANCE WITH UNIVERSITY CODE STANDARDS AND LIFE SAFETY CODE.
5. CONTRACTOR TO VERIFY PRIOR TO DEMO THAT ANY PIPING OR CONDENSATE LINES ARE ABANDONED AND CONFIRM WITH DEPARTMENT BEFORE REMOVAL.
6. ALL ABANDON PIPING, CONDUITS OR MISC. MEP MUST BE REMOVED
7. ALL NEW CONSTRUCTION SHALL NOT BLOCK ACCESS TO EXISTING COMMUNICATION OUTLETS, CABLE TRAYS, PULL BOXES, GUTTERS, ETC.
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11. SEE SHEET G-002 FOR PROJECT BUILDING CONSTRUCTION AND CODE INFORMATION, RATED WALLS AND EGRESS PLAN.
12. NEW DOORS / HARDWARE TO MATCH EXISTING BUILDING STANDARD AND UNIVERSITY STANDARDS, RE: DOOR SCHEDULE.

BASE BID DEMO KEYNOTES:

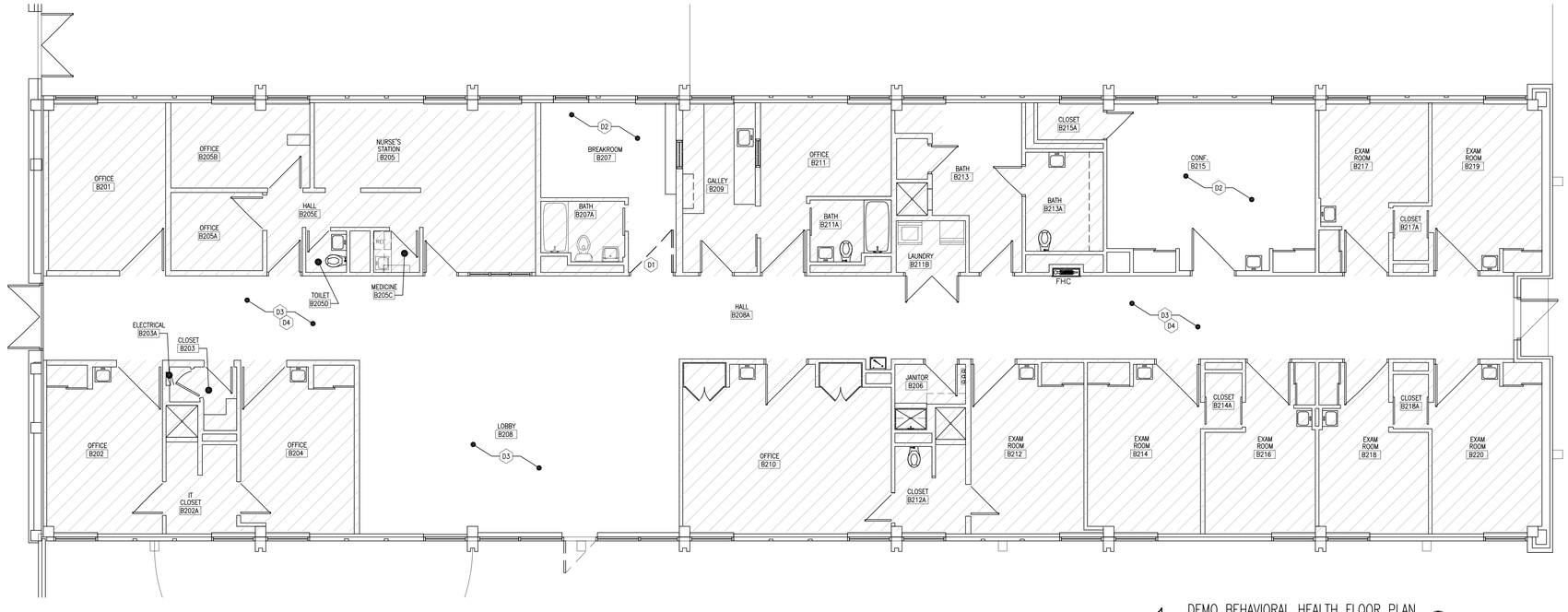
D1 DEMO AND DISPOSE OF EXISTING DOOR AND HARDWARE. BLANK OFF FRAME HARDWARE OR BONDO AND PREP FOR PAINT.

D2 DEMO EXISTING FLOORING AND RUBBER WALL BASE. PREP FLOORS FOR NEW VCT FLOORING AND NEW RUBBER BASE.

ADD ALT 4 DEMO KEYNOTES:

D3 DEMO EXISTING FLOORING AND RUBBER WALL BASE. PREP FLOORS FOR NEW LVT FLOORING AND NEW RUBBER BASE.

D4 DEMO ALL WALL MOUNTED HANDRAILS, PATCH, PAINT, AND REPAIR WALLS SO THAT NO BREAK LINE IS DETECTED. RETURN ALL RAILINGS TO OWNER.



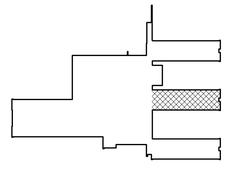
1 DEMO BEHAVIORAL HEALTH FLOOR PLAN
3/16" = 1'-0"

PROJECT NORTH

LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- CABINET / CASEWORK ABOVE
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMO
- NO WORK IN THIS AREA

KEY PLAN:



SHERIDAN HEALTH SERVICES

SUITE REMODELS

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DEMO PLAN
BEHAVIORAL HEALTH CLINIC WING 2

AD-102

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. ANY DISCREPANCIES IN DRAWINGS AND\OR EXISTING CONDITIONS SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
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12. NEW DOORS / HARDWARE TO MATCH EXISTING BUILDING STANDARD AND UNIVERSITY STANDARDS, RE: DOOR SCHEDULE.

BASE BID DEMO KEYNOTES:

D1 DEMO AND DISPOSE OF EXISTING DOOR AND HARDWARE. BLANK OFF FRAME HARDWARE OR BONDO AND PREP FOR PAINT.

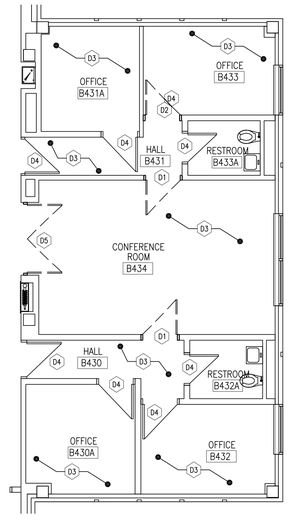
D2 DEMO AND DISPOSE OF EXISTING DOOR. DOOR FRAME TO REMAIN PROTECT DURING CONSTRUCTION. SALVAGE DOOR HARDWARE.

D3 DEMO EXISTING FLOORING AND RUBBER WALL BASE. PREP FLOORS FOR NEW CARPET AND NEW RUBBER BASE.

ADD ALT 1 DEMO KEYNOTES:

D4 REMOVE EXISTING DOOR HARDWARE.

D5 DEMO AND DISPOSE OF EXISTING DOOR AND HARDWARE. DOOR FRAME TO REMAIN PROTECT DURING CONSTRUCTION.



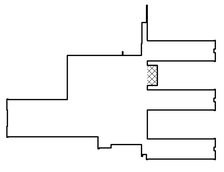
1 OFFICE DEMO FLOOR PLAN
3/16" = 1'-0"

PROJECT NORTH

LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- CABINET / CASEWORK ABOVE
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMO
- NO WORK IN THIS AREA

KEY PLAN:



SHERIDAN HEALTH SERVICES

SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS
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DEMO PLAN
OFFICE WING 4

AD-103

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. ANY DISCREPANCIES IN DRAWINGS AND\OR EXISTING CONDITIONS SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
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11. SEE SHEET G-002 FOR PROJECT BUILDING CONSTRUCTION AND CODE INFORMATION, RATED WALLS AND EGRESS PLAN.
12. NEW DOORS / HARDWARE TO MATCH EXISTING BUILDING STANDARD AND UNIVERSITY STANDARDS, RE: DOOR SCHEDULE.

BASE BID KEYNOTES:

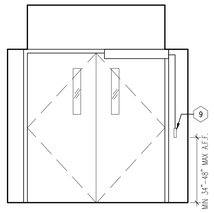
1. PATCH AND PAINT WALLS WHERE PLYWOOD WALL BOARDS AND OVERHEAD WALL STRUCTURES WERE DEMOLISHED
2. NEW DENTAL CHAIRS AND MILLWORK (BY OTHERS)
3. NEW PROMAX DENTAL IMAGING MACHINE
4. EXISTING WORKTOP COUNTERS TO REMAIN
5. EXISTING UPPER CABINETS TO BE RAISED TO SITE 2' ABOVE THE EXISTING COUNTERTOP, RE: INTERIOR ELEVATION 2/A-101
6. PAINT EXISTING CEILING TILES (P1)
7. FINISH, PATCH, AND PAINT ALL WALLS IN ROOM.
8. INFILL OPENING WITH MTL. FRAMING AND 5/8" GYP. BD. SO THAT THE FACE OF THE GYP. BD. IS FLUSH WITH ADJACENT WALL SURFACE ON BOTH SIDES OF 2 WALLS PER PLAN.
9. INSTALL NEW DOOR WITH NEW HARDWARE, RE: DOOR SCHEDULE.
10. ADD POWER OPENERS TO EXISTING DOOR

ADD ALT 2 KEYNOTES:

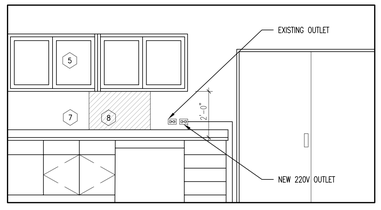
11. ADD POWER OPENERS TO EXISTING DOOR

ADD ALT 3 KEYNOTES:

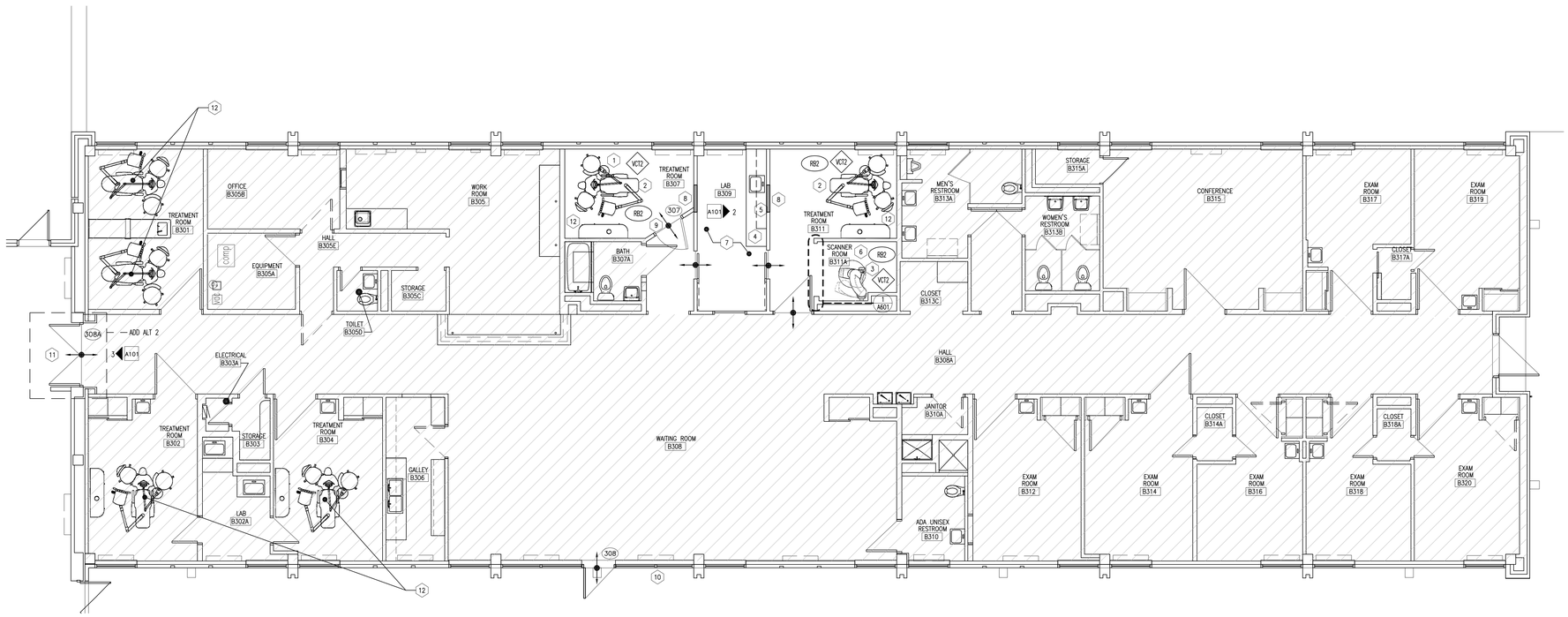
12. INSTALL NITROUS CONNECTION TO ALL 6 DENTAL OPS



3 DENTAL WING DOOR INTERIOR ELEVATION
3/8" = 1'-0"



2 LAB INTERIOR ELEVATION
3/8" = 1'-0"



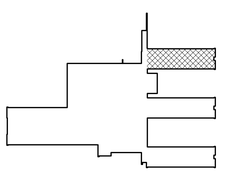
1 DENTAL SUITE FLOOR PLAN
3/16" = 1'-0"

PROJECT NORTH

KEY PLAN:

- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION
- CABINET / CASEWORK ABOVE
- EXISTING DOOR TO REMAIN
- RELOCATED / NEW DOOR
- NO WORK IN THIS AREA

LEGEND:



SHERIDAN HEALTH SERVICES

SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS
21-107321

aw
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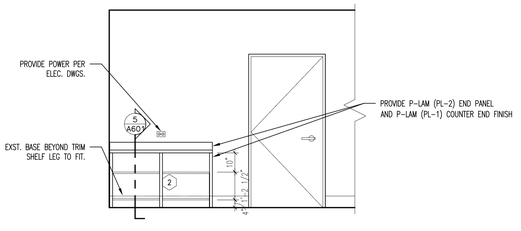
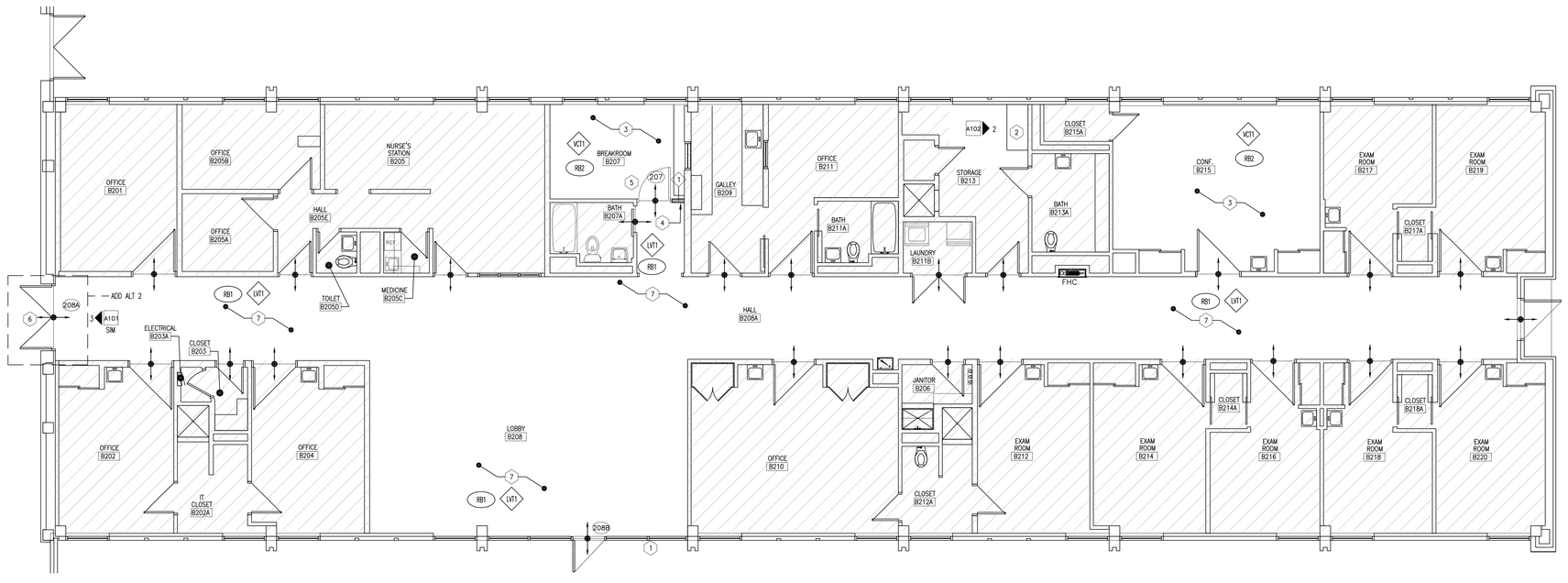
FLOOR PLAN
DENTAL CLINIC WING 3

A-101



2 WORKSPACE MILLWORK ELEVATION

3/8" = 1'-0"



1 BEHAVIORAL HEALTH FLOOR PLAN

3/16" = 1'-0"

PROJECT NORTH

GENERAL NOTES:

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12. NEW DOORS / HARDWARE TO MATCH EXISTING BUILDING STANDARD AND UNIVERSITY STANDARDS, RE: DOOR SCHEDULE.

BASE BID KEYNOTES:

1. ADD POWER OPENERS TO EXISTING DOOR
2. INSTALL NEW WORKSPACE MILLWORK, RE: INTERIOR ELEVATION 2/A-102
3. INSTALL NEW VCT FLOORING AND RUBBER WALL BASE
4. NEW METAL 2X4 WOOD FRAMED WALL, RE: WALL TYPES. PROVIDE SOUND BATT INSULATION.
5. INSTALL NEW DOOR WITH NEW HARDWARE, RE: DOOR SCHEDULE.

ADD ALT 2 KEYNOTES:

6. ADD POWER OPENERS TO EXISTING DOOR

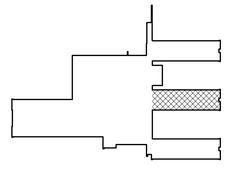
ADD ALT 4 KEYNOTES:

7. INSTALL NEW LVT FLOORING AND RUBBER WALL BASE.

KEY PLAN:

- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION
- CABINET / CASEWORK ABOVE
- EXISTING DOOR TO REMAIN
- RELOCATED / NEW DOOR
- NO WORK IN THIS AREA

LEGEND:



SHERIDAN HEALTH SERVICES

SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS

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FLOOR PLAN

BEHAVIORAL HEALTH CLINIC WING 2

A-102

GENERAL NOTES:

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12. NEW DOORS / HARDWARE TO MATCH EXISTING BUILDING STANDARD AND UNIVERSITY STANDARDS, RE: DOOR SCHEDULE.

BASE BID KEYNOTES:

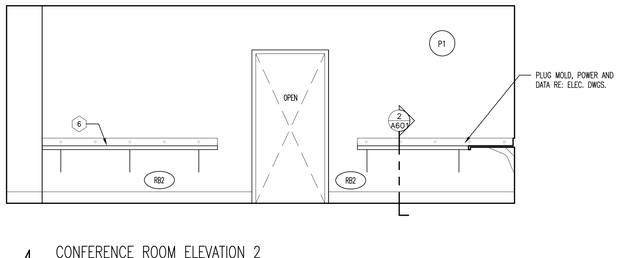
1. INSTALL NEW DOOR WITH SALVAGED HARDWARE. RE: DOOR SCHEDULE.
2. INSTALL NEW CARPET TILE AND NEW RUBBER WALL BASE.
3. EXISTING FLOOR AND WALL BASE TO REMAIN, PROTECT DURING CONSTRUCTION.

ADD ALT 1 KEYNOTES:

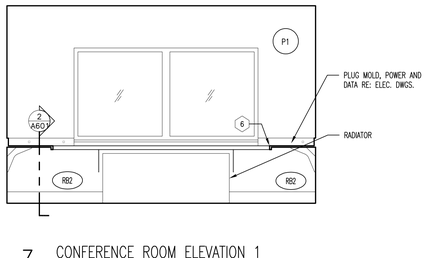
4. INSTALL NEW DOOR HARDWARE, RE: DOOR SCHEDULE.
5. INSTALL NEW DOOR WITH NEW HARDWARE, RE: DOOR SCHEDULE.
6. INSTALL NEW WORKSPACE COUNTER TOPS, RE: DETAIL 2/A-601
   *PROVIDE 1/2"X4" SLOTS IN COUNTERTOP ABOVE RADIATOR
7. PAINT WALLS (P1)

ADD ALT 2 KEYNOTES:

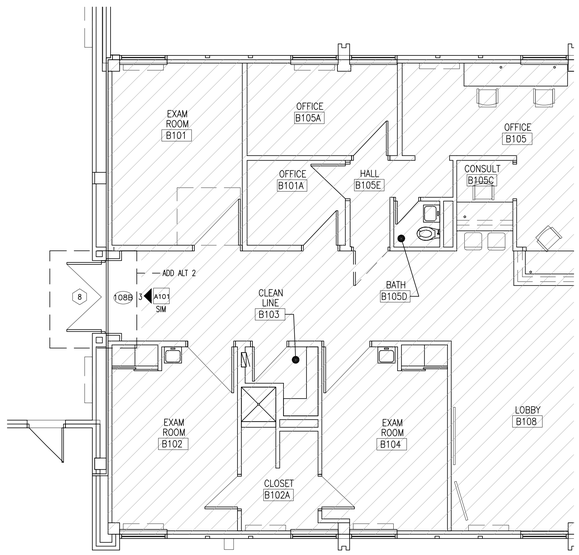
8. ADD POWER OPENERS ADDED TO DOOR



4 CONFERENCE ROOM ELEVATION 2
3/8" = 1'-0"

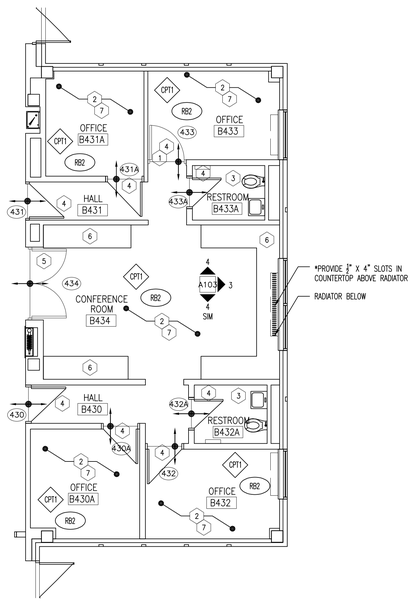


3 CONFERENCE ROOM ELEVATION 1
3/8" = 1'-0"



2 PRIMARY CARE SUITE FLOOR PLAN
3/16" = 1'-0"

PROJECT NORTH



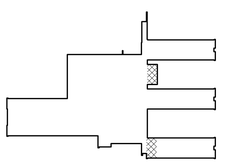
1 OFFICE FLOOR PLAN
3/16" = 1'-0"

PROJECT NORTH

KEY PLAN:

- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION
- CABINET / CASEWORK ABOVE
- EXISTING DOOR TO REMAIN
- RELOCATED / NEW DOOR
- NO WORK IN THIS AREA

LEGEND:



SHERIDAN HEALTH SERVICES

SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS
21-107321

aw
ARCHITECTURAL WORKSHOP . DENVER COLORADO

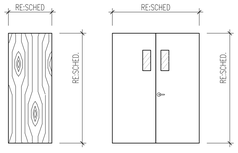
DATE	DESCRIPTION
09.01.23	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: JAN. 2023

FLOOR PLAN OFFICE WING 4
AND PRIMARY CARE WING 1

A-103

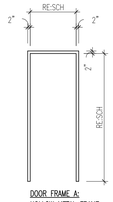
DOOR TYPES:



DOOR TYPE A:
SOLID CORE WOOD FLUSH DOOR.

DOOR TYPE B:
H.M. DOOR W/ 100 SQIN OF VISION LITE

FRAME TYPES:



DOOR FRAME A:
HOLLOW METAL FRAME.

DOOR HARDWARE:

HARDWARE #1 – EXISTING CORRIDOR

NO.	DESCRIPTION	MANUFACTURER	MODEL/SERIES	FINISH
2 EA	AUTO OPERATOR	LCN	4642WMS	689
4 EA	ACTUATOR JAMB MOUNT	LCN	8310-818T	630
4 EA	SURFACE MOUNT BOX	LCN	8310-815-819F-AS REQ.	689

HARDWARE #2 – CORRIDOR

NO.	DESCRIPTION	MANUFACTURER	MODEL/SERIES	FINISH
6 EA	HW MORTISE HINGE	IVES	5-BB-1-HT-4.5X4.5-NPR	626
2 EA	KICKPLATE	IVES	8400 – 10"X 2" LESS DOOR	US32D
1 EA	GASKETING	ZER	488S-BK	S-BK
2 EA	CLOSER	LCN	4040XP EDA ST-2731 TBWMS	689
2 EA	PANIC LOCKSET	VON DUPRIN	9947-L-F-06	626
1 EA	ADA THRESHOLD	ZER	8655A OR AS REQ. BY SILL DTL	A
2	RIM CYLINDER	SCHLAGE	AS REQ. B KEY SYSTEM @ EXIT DEVICE TRIM	626
2 EA	OVERHEAD STOP	GLYNN	905	630
1 EA	MEETING STILE	ZER	328AA	AA

HARDWARE #3 – OFFICE

NO.	DESCRIPTION	MANUFACTURER	MODEL/SERIES	FINISH
1 1/2 PR	MORTISE HINGE	IVES	5-BB-1-HT-4.5X4.5-NPR	626
1 EA	WALL BUMPER	IVES	WS407CCV	626
3	SILENCERS	IVES	SR64	GRAY
1 EA	ENTRY/OFFICE	MARKS	195 SERIES– AMERICAN LEVERS	26D
1 EA	KICKPLATE	IVES	8400 – 10"X 2" LESS DOOR	US32D

DOOR & HARDWARE SCHEDULE

NO.	DOOR SIZE	DOOR TYPE	DOOR FINISH	FRAME TYPE	FRAME FINISH	FIRE RATING	HARDWARE	NOTES
307	3'–0"X6'–8" V.I.F.	A	STAIN	EXIST	PAINT	NONE	3	
308	3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	V.I.F.	1	
308A	PR: 3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	90–MIN	1	
207	3'–0"X6'–8" V.I.F.	A	STAIN	1	PAINT	NONE	3	
208A	PR: 3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	90–MIN	1	
208B	3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	V.I.F.	1	
430	3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	V.I.F.	2	
430A	3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	NONE	2	
431	3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	V.I.F.	2	
431A	3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	NONE	2	
432	3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	NONE	2	
432A	3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	NONE	2	
433	3'–6"X6'–8" V.I.F.	A	STAIN	EXIST	PAINT	NONE	2	
433A	3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	NONE	2	
434	PR: 3'–0"X6'–8" V.I.F.	B	STAIN	EXIST	PAINT	90–MIN	2	
108B	PR: 3'–0"X6'–8" V.I.F.	EXIST	EXIST	EXIST	EXIST	90–MIN	1	

DOOR NOTES:

1. MOUNT DOOR HARDWARE AT +3'–2" A.F.F.
2. ALL GLAZING IN DOORS SHALL BE SAFETY GLAZING.
3. CONTRACTOR TO PROVIDE SMALL FORMAT I.C. BEST 7 PIN CORES TB KEYWAY TO OWNER FOR KEYING.
4. FIELD VERIFY, EXISTING WALL SHOULD BE 5 ½" WIDE, PROVIDE APPROPRIATE SIZED H.M. FRAME. PROVIDE STL. ANGLE LINTEL IF REQUIRED FOR NEW WIDER OPENING 3 ½"X 3 ½"X ¼" WITH 4" BEARING. CUT PLASTER BACK SO LINTEL IS FLUSH TO 4" BLACK, PLASTER OVER LINTEL. CUT METAL BASE BACK TO MATCH EXISTING CONDITION.
5. CONTRACTOR TO COORDINATE LOCKSET CORE WITH THE PROPERTY \ BUILDING MANAGER.
6. ALL DOORS SHALL BE NEW, SOLID CORE PREFINISHED WITH VENEER. TO MATCH EXISTING
7. AT EXISTING FRAMES G.C. AND HARDWARE SUPPLIER TO F.V. EXISTING CONDITIONS TO ENSURE COMPATIBILITY PRIOR TO ORDERING NEW MATERIALS. G.C. TO PROVIDE NECESSARY FILLERS, REINFORCEMENTS AND FASTENERS.

FINISHES:

CARPET:

CPT1 — MANUF./STYLE: MOHAWK GROUP FACULTY REMIX – GT154
COLOR: GREATEST CHARCOAL 989
SIZE: 24" x 24" TILES

VINYL FLOORING:

LVT1 — MANUF./TYPE: KARNDEAN
STYLE/COLOR: WP315 AURUM
SIZE: 6" X 36"

VCT1 — MANUF./TYPE: ARMSTRONG IMPERIAL TEXTURE STD. EXCELON
STYLE/COLOR: 51929 SANDY BEACH
SIZE: 12" x 12" TILES

VCT2 — MANUF./TYPE: ARMSTRONG IMPERIAL TEXTURE STD. EXCELON
STYLE/COLOR: 51911 CLASSIC WHITE (F.V. MATCH EX. DENTAL ROOM)
SIZE: 12" x 12" TILES

WALL BASE:

RB1 — MANUFACTURER: ROPPE
COLOR: 193 BLACK BROWN
TYPE/SIZE: RUBBER, STANDARD TOE 6" TALL
LOCATION: AS NOTED

RB2 — MANUFACTURER: ROPPE
COLOR: 193 BLACK BROWN
TYPE/SIZE: RUBBER, LONG TOE 6" TALL
LOCATION: AS NOTED

PLASTIC LAMINATE:

PL-1 — MANUFACTURER: FORMICA
STYLE: MATTE FINISH
COLOR 020 WHITE 5270-58
LOCATION: TABLE TOPS & COUNTERTOPS

PL-2 — MANUFACTURER: FORMICA
STYLE: MATTE FINISH
COLOR NATURAL GRAIN 6413-NG
LOCATION: CABINETS

INTERIOR PAINT:

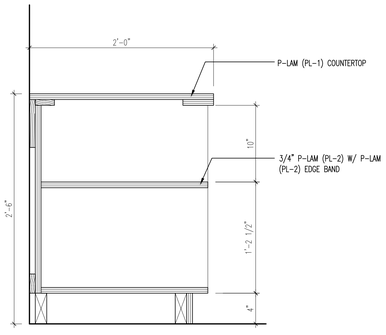
P1 — MANUFACTURER: SHERWIN WILLIAMS
COLOR: 7005 PURE WHITE
FINISH/LOCATION: SATIN – THROUGHOUT

GENERAL NOTES:

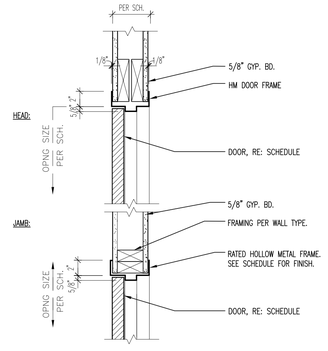
1. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. ANY DISCREPANCIES IN DRAWINGS AND\OR EXISTING CONDITIONS SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
2. THE ARCHITECT DISCLAIMS ANY RESPONSIBILITIES AND\OR KNOWLEDGE OF ASBESTOS. THE OWNER ACCEPTS ALL RESPONSIBILITY FOR REMOVAL AND DISPOSAL OF ASBESTOS IF DISCOVERED.
3. DOORS IN STUD WALLS THAT ARE NOT SPECIFICALLY LOCATED, PROVIDE A HINGE SIDE JAMB DIMENSION OF 6" FROM DOOR OPENING TO ADJACENT WALL.
4. ALL WORK SHALL BE IN COMPLIANCE WITH UNIVERSITY CODE STANDARDS AND LIFE SAFETY CODE.
5. CONTRACTOR TO VERIFY PRIOR TO DEMO THAT ANY PIPING OR CONDENSATE LINES ARE ABANDONED AND CONFIRM WITH DEPARTMENT BEFORE REMOVAL.
6. ALL ABANDON PIPING, CONDUITS OR MISC. MEP MUST BE REMOVED
7. ALL NEW CONSTRUCTION SHALL NOT BLOCK ACCESS TO EXISTING COMMUNICATION OUTLETS, CABLE TRAYS, PULL BOXES, GUTTERS, ETC.
8. NEW CONSTRUCTION MUST ALIGN WITH EXISTING WALLS AND\OR ELEMENTS. WALL AND CEILING TEXTURES MUST MATCH AND BE BLENDED TO MEET OWNERS AND ARCHITECTS APPROVAL.
9. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL MECHANICAL NOTES AND SCHEDULES, PLUMBING NOTES AND SCHEDULES, ELECTRICAL NOTES AND FIRE SAFETY REQUIREMENTS.
10. SEE PROJECT SPECIFICATION BOOK FOR DETAIL DESCRIPTION OF MATERIALS AND QUALITY OF WORK.
11. SEE SHEET G-002 FOR PROJECT BUILDING CONSTRUCTION AND CODE INFORMATION, RATED WALLS AND EGRESS PLAN.
12. NEW DOORS / HARDWARE TO MATCH EXISTING BUILDING STANDARD AND UNIVERSITY STANDARDS, RE: DOOR SCHEDULE.

FINISH NOTES:

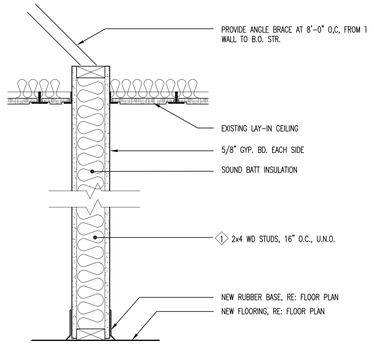
1. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.



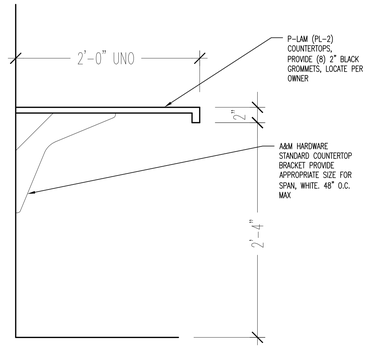
5 MILLWOKR DETAIL
1 1/2" = 1'–0"



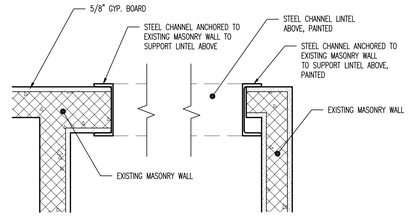
4 H.M. DOOR JAMB AND HEADER DETAIL
1 1/2" = 1'–0"



3 WALL TYPE 1
1 1/2" = 1'–0"



2 P–LAM COUNTER
1 1/2" = 1'–0"



1 STEEL CHANNEL FRAME PLAN DETAIL
1 1/2" = 1'–0"

SHERIDAN HEALTH SERVICES
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UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS
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aw
ARCHITECTURAL WORKSHOP . DENVER COLORADO

DATE	DESCRIPTION
09.01.23	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: JAN. 2023

DETAILS AND SCHEDULES

A-601

GENERAL NOTES:

MECHANICAL SYSTEMS LEGEND

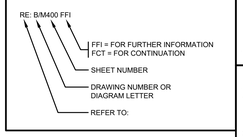
FIXTURE CONNECTION SCHEDULE

TAG	DESCRIPTION	HW	CW	WASTE	VENT
BS	BAR SINK	1/2"	1/2"	1-1/2"	1-1/2"
CS	CLOTHES WASHER OUTLET BOX	1/2"	1/2"	2"	1-1/2"
DF	DRINKING FOUNTAIN / WATER COOLER	-	1/2"	1-1/2"	1-1/2"
DM	DISH MACHINE ROUGH-IN	3/4"	3/4"	2"	1-1/2"
DW	DISHWASHER ROUGH-IN	1/2"	-	2"	1-1/2"
FD	FLOOR DRAIN	-	-	2"	1-1/2"
FRIG	REFRIG/ICE MAKER BOX	-	1/2"	-	-
FS	FLOOR SINK	-	-	2"	1-1/2"
HB	HOSE BIB	-	3/4"	-	-
HS	HAND SINK	1/2"	1/2"	1-1/2"	1-1/2"
KS	KITCHEN SINK W/ OR W/O DISPOSAL	1/2"	1/2"	2"	1-1/2"
LAV	LAVATORY	1/2"	1/2"	1-1/2"	1-1/2"
MSB	MOP SERVICE BASIN	3/4"	3/4"	3"	2"
SH/SHWR	SHOWER	3/4"	3/4"	2"	1-1/2"
SH/TUB	SHOWER/BATHTUB	3/4"	3/4"	2"	1-1/2"
TUB	BATHTUB	3/4"	3/4"	2"	1-1/2"
SS	SERVICE SINK	1/2"	1/2"	3"	2"
TD	TRENCH DRAIN	-	-	3"	2"
UR	URINAL (BLOWOUT)	-	1"	2"	1-1/2"
UR	URINAL (WASHDOWN)	-	3/4"	2"	1-1/2"
UR	URINAL (WATERLESS)	-	-	2"	1-1/2"
WC	WATER CLOSET (FLUSH VALVE)	-	1"	4"	2"
WC	WATER CLOSET (FLUSH TANK)	-	1/2"	4"	2"
WS	WORK SINK	3/4"	3/4"	2"	1-1/2"

NOTES:

1. SIZES SHOWN ARE MINIMUM PIPE SIZES TO A SINGLE FIXTURE. LARGER SIZES MAY BE INDICATED ON PLANS WHERE REQUIRED.
2. MINIMUM DOMESTIC PIPE SIZE TO (2) OR MORE FIXTURES IS 3/4".
3. RE: MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR INDIRECT WASTE SIZES.
4. WASTE AND VENT SIZES SHOWN ABOVE APPLY TO INDIVIDUAL VENTING ONLY. WHERE ALLOWED, INDIVIDUAL VENT CONNECTIONS MAY BE OMITTED OR SIZES MAY VARY WHEN CIRCUIT VENTS, COMMON VENTS, WASTE STACK VENTS, WET VENTS, OR COMBINATION DRAIN AND VENT SYSTEMS ARE USED. PRIOR APPROVAL FROM THE ENGINEER IS REQUIRED TO USE THESE ALTERNATIVE VENTING METHODS.
5. PROVIDE TRAP PRIMER FOR ALL FLOOR DRAINS AND FLOOR SINKS NOT LOCATED IN FOOD SERVICE AREAS.
6. MINIMUM SIZE FOR WASTE AND VENT PIPING BENEATH SLAB IS 2".
7. ALL FIXTURES LISTED ARE NOT NECESSARILY USED ON THIS PROJECT.
8. REFER TO APPLIANCE SCHEDULES (BY OTHERS) FOR ADDITIONAL PLUMBING FIXTURE CONNECTIONS SUCH AS INSTA-HOTS, COFFEE MAKERS, AND GARBAGE DISPOSALS.
9. PROVIDE ICE MAKER BOX ROUGH IN W/ 1/2"CW CONNECTION FOR ALL REFRIGERATOR LOCATIONS.
10. DESIGNER TO CONFIRM FLOW RATE OF FLOOR DRAINS, FLOOR SINKS, ETC. WITH ACTUAL SIZE REQUIRED.

REFERENCE SAMPLE



PROJECT ALTITUDE

XXXX' ABOVE SEA LEVEL

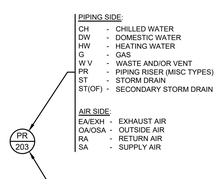
PIPING SYMBOLS

- 90° ELBOW DN
- 90° ELBOW UP
- TEE DOWN
- TEE UP
- BUTTERFLY VALVE
- SHUT OFF (BALL, GATE, BUTTERFLY)
- GLOBE VALVE
- CHECK VALVE
- FLOW CONTROL VALVE
- BALL VALVE
- PLUG OR BALANCING VALVE
- FLOW BALANCING VALVE
- PLUG VALVE IN RISER
- GATE OR GLOBE VALVE IN RISER
- DRAIN VALVE W/ HOSE END
- TEMPERATURE CONTROL VALVE (2-WAY)
- TEMPERATURE CONTROL VALVE (3-WAY)
- PRESSURE REDUCING VALVE
- SOLENOID VALVE
- VENTURI/FLOW INDICATOR
- PUMP & EQUIPMENT CONNECTOR
- PIPE UNION
- DOUBLE CHECK BACKFLOW PREVENTER
- PIPE ANCHOR
- PIPE EXPANSION JOINT
- FLEXIBLE CONNECTOR
- SAFETY RELIEF VALVE
- AIR VENT
- PRESSURE - TEMP. TAP
- PRESSURE GAUGE W/ PIG TAIL & COCK
- THERMOMETER
- VACUUM BREAKER
- STRAINER W/ BLOW-OFF VALVE
- SHOCK ABSORBER
- FLOW SWITCH
- HORIZONTAL CLEANOUT
- VERTICAL CLEANOUT
- FLOOR DRAIN
- FLOOR SINK
- ROOF DRAIN
- DECK/ROOF DRAIN ABOVE
- TEMPERATURE CONTROLLER OR SENSOR
- HOSE BIBB
- WALL HYDRANT
- STEAM TRAP TEST CHAMBER
- STEAM TRAP:
  - FT-FLOAT & THERMOSTATIC
  - TD-THERMODYNAMIC
  - IB-INVERTED BUCKET
  - TS-THERMOSTATIC
  - BP-BALANCED PRESSURE

NOTES

1. ALL SYMBOLS, ABBREVIATIONS, AND DESIGNATIONS ON LEGEND SHEET ARE NOT NECESSARILY USED ON THIS PROJECT.
2. THIS DRAWING SET CONSISTS OF DATA GENERATED, IN PART, BY OTHER PARTIES. NOT ALL SYMBOLOGIES AND NOTATION CONVENTIONS OCCURRING IN THIS DRAWING SET ARE NECESSARILY DEFINED ON THESE LEGENDS. CONSULT THE ENGINEER IN THE EVENT SYMBOLOGY OR NOTATION INTERPRETATION IS REQUIRED.

DUCT/PIPE RISER DESIGNATION KEY



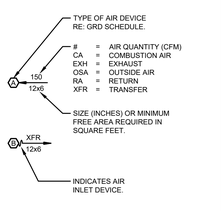
EQUIPMENT ABBREVIATIONS

AHU	AIR HANDLING UNIT
AS	AIR SEPARATOR
B	BOILER (HOT WATER)
BB	BASE BOARD
BT	BUFFER TANK
CC	COOLING COIL
CH	CHILLER
CP OR P	CIRC PUMP
CT	COOLING TOWER
CUH	CABINET UNIT HEATER
CV	CONSTANT VOLUME BOX
DC	DUCT COIL
DEF	DISHWASHER EXHAUST FAN
EBH	ELECTRIC BASEBOARD HEATER
ECU	EVAPORATIVE COOLING UNIT
EF	EXHAUST FAN
ERU	ENERGY RECOVERY UNIT
ET	EXPANSION TANK
EWH	ELECTRIC WATER HEATER
F	FURNACE
FC	FAN COIL
FP	FAN POWERED BOX
GF	GLYCOL FEEDER
H	HUMIDIFIER
HC	HEATING COIL
HP	HEAT PUMP
HX	HEAT EXCHANGER
KEF	KITCHEN EXHAUST FAN
MAU	MAKE-UP AIR UNIT
MCC	MOTOR CONTROL CENTER
MV	MIXING VALVE
P	PUMP
RF	RETURN (OR RELIEF) AIR FAN
RZ	RADIANT ZONE
SA	SNOWMELT AREA
SB	SUMP BASIN
SF	SUPPLY FAN
SP	SUMP PUMP
ST	STORAGE TANK
TMV	THERMOSTATIC MIXING VALVE
UH	UNIT HEATER
VR	VARIABLE VOLUME BOX W/ REHEAT
VV	VARIABLE VOLUME BOX
WH	WATER HEATER

PLAN SYMBOLS

- CONTROL PANEL/RADIANT MANIFOLD
- CDG CARBON DIOXIDE SENSOR
- CARBON MONOXIDE SENSOR
- HUMIDISTAT
- REMOTE TEMPERATURE SENSOR
- THERMOSTAT
- DSP DUCT STATIC PRESSURE SENSOR
- ROOM PRESSURE SENSOR
- EPO EMERGENCY POWER OFF SWITCH
- PLUMBING/HVAC RISER
- DIAGRAM CONTINUATION REFERENCE
- SECTION CUT LETTER/SHEET SHOWN ON
- POINT OF DISCONNECTION
- POINT OF NEW CONNECTION
- ACCESS PANEL
- SNOWMELT MANIFOLD

AIR DEVICE DESIGNATION KEY



NOTE:
FOR STANDARD MODULE SIZE REGISTERS, SIZE GIVEN IS NECK SIZE. REFER TO GRD SCHEDULE FOR MODULE SIZE.

PLAN ABBREVIATIONS

AAV	AIR ADMITTANCE VALVE
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AUTO	AUTOMATIC
BCS	BUILDING CONTROL SYSTEM
BDD	BACK DRAFT DAMPER
BFG	BELOW FINISHED GRADE
BLDG	BUILDING
B/N	BETWEEN
C	COMMON (OR CLOSED)
CA	COMBUSTION AIR
CC	CONTROLS CONTRACTOR
CDBBC	CONTINUATION DESIGN BUILD BY CONTRACTOR
CFM	CUBIC FEET PER MINUTE (AIR FLOW RATE)
CIP	CAST IN PLACE
CLG	CEILING (OR COOLING)
CO	CLEANOUT
CONC	CONCRETE
COND	CONDENSATE
CONN	CONNECT (OR CONNECTION)
CONTRR	CONTRACTOR
COTG	CLEANOUT TO GRADE
CW	COLD WATER
DHR	DOMESTIC HOT WATER RECIRC
DHW	DOMESTIC HOT WATER
DN	DOWN
DW	DOMESTIC WATER
DWR	DOMESTIC HOT WATER RECIRC
(E)	EXISTING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
(F)	FUTURE
FA	FREE AREA
FBO	FURNISHED BY OWNER
FCO	FLOOR CLEANOUT
FCT	FOR CONTINUATION
FD	FIRE DAMPER
FFI	FOR FURTHER INFORMATION
FSD	COMBINATION FIRE/SMOKE DAMPER
GC	GENERAL CONTRACTOR
GHX	GROUND HEAT EXCHANGER
GPM	GALLONS PER MINUTE (WATER FLOW RATE)
HP	HORSEPOWER
HW	HOT WATER
HWC	HOT WATER RECIRC
ILO	IN LIEU OF
KW	KILOWATTS
LAT	LEAVING AIR TEMPERATURE
LF	LINEAR FOOT
LWT	LEAVING WATER TEMPERATURE
MC	MECHANICAL CONTRACTOR
MFR	MANUFACTURER
MOD	MOTOR OPERATED DAMPER
(N)	NEW
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OA	OUTSIDE AIR
OBD	OPPOSED BLADE VOLUME DAMPER
OC	ON CENTER
OSA	OUTSIDE AIR
RA	RETURN AIR
RE:	REFER TO:
REQ'D	REQUIRED
REQ'MTS	REQUIREMENTS
SA	SUPPLY AIR
SF	SQUARE FOOT (FEET)
SP	STATIC PRESSURE
SS	STAINLESS STEEL
TA	THROW-AWAY (TRANSFER AIR)
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
W/	WITH
W/O	WITHOUT
WCO	WALL CLEANOUT
WRT	WITH REGARD TO
W/C	WATER COOLED
VTR	VENT THRU ROOF
XFR	TRANSFER
Ø	DIAMETER

PIPING DESIGNATIONS

HYDRONIC PIPING

CS	CONDENSER SUPPLY
CR	CONDENSER RETURN
CHS	CHILLED WATER SUPPLY
CHR	CHILLED WATER RETURN
CCS	CLOSED CONDENSER SUPPLY
CCR	CLOSED CONDENSER RETURN
FCS	FLOOR COOLING SUPPLY
FCR	FLOOR COOLING RETURN
GLS	GROUND LOOP SUPPLY
GLR	GROUND LOOP RETURN
GF	GLYCOL FEED
GLS	GEOTHERMAL (OR GROUND) LOOP SUPPLY
GLR	GEOTHERMAL (OR GROUND) LOOP RETURN
HWS	HEATING WATER SUPPLY
HWR	HEATING WATER RETURN
HWS(LT)	HEATING WATER SUPPLY (LOW TEMP)
HWR(LT)	HEATING WATER RETURN (LOW TEMP)
HWS(HT)	HEATING WATER SUPPLY (HIGH TEMP)
HWR(HT)	HEATING WATER RETURN (HIGH TEMP)
RMS	RADIANT FLOOR SUPPLY
RMR	RADIANT FLOOR RETURN
SHWS	SOLAR HEATING WATER SUPPLY
SHWR	SOLAR HEATING WATER RETURN
SMS	SNOWMELT SUPPLY
SMR	SNOWMELT RETURN

STEAM & CONDENSATE PIPING

HPS	HIGH PRESSURE STEAM
HPR	HIGH PRESSURE CONDENSATE RETURN
MPS	MEDIUM PRESSURE STEAM
MPR	MEDIUM PRESSURE CONDENSATE RETURN
LPS	LOW PRESSURE STEAM
LPR	LOW PRESSURE CONDENSATE RETURN
PC	PUMPED CONDENSATE

PLUMBING PIPING

G	NATURAL GAS
MG	MEDIUM PRESSURE GAS
PG	PROPANE GAS
LPG	LIQUID PROPANE GAS
PD	PROPANE DRAIN
D	DRAIN PIPE
DS	SOLID DRAIN PIPE
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
FOV	FUEL OIL VENT
FOF	FUEL OIL FILL
RS	REFRIGERANT SUCTION
RL	REFRIGERANT LIQUID
GWS	GROUND WATER SUPPLY
GWR	GROUND WATER RETURN
CW	DOMESTIC WATER
HW	DOMESTIC HOT WATER
HWC	DHW RECIRCULATION
140° HW	DOMESTIC HOT WATER (TEMP. SHOWN)
NS	NON-SOFTENED DOMESTIC WATER
F	FIRE LINE
PW	PRESSURIZED WASTE
W	WASTE PIPE
V	PLUMBING VENT PIPE
AW	ACID WASTE PIPE
AV	ACID VENT PIPE
GW	GREASE WASTE PIPE
GV	GREASE VENT
ST	STORM DRAIN PIPE
ST(OF)	STORM DRAIN OVERFLOW
SD	SECONDARY DRAIN
SO	SAND AND OIL WASTE
CA	COMPRESSED AIR PIPE

DUCTWORK LEGEND

SINGLE LINE	DESCRIPTION	DOUBLE LINE
	90° ELBOW DOWN (ROUND DUCT ONLY)	
	ROUND 90° ELBOW UP (ROUND DUCT ONLY)	
D	OFFSET TO CHANGE ELEVATION (AT 30° WHEN POSSIBLE) D = DROP R = RISE	D
	ROUND RADIUS ELBOW	
	90° STRAIGHT TEE	
	90° CONICAL TEE	
	45° BRANCH	
	45° CONICAL TEE	
	SIZE OR SHAPE TRANSITION	
	ROUND FLEXIBLE DUCT	
	90° ELBOW DN (NEGATIVE PRESSURE)	
	90° ELBOW DN (POSITIVE PRESSURE)	
	90° ELBOW UP (NEGATIVE PRESSURE)	
	90° ELBOW UP (POSITIVE PRESSURE)	
	90° RADIUS ELBOW	
	90° RADIUS ELBOW W/TURNING VANES	
	SQUARE DUCT SPLIT	
	ROUND DUCT SPLIT	
	SPLIT BRANCH TAKE-OFF WITH SQUARE ELBOW & SPLITTER DAMPER	
	SPLIT BRANCH TAKE-OFF WITH RADIUS ELBOW & SPLITTER DAMPER	
	POSITIVE PRESSURE RISER, TYPICALLY SUPPLY	
	NEGATIVE PRESSURE RISER, TYPICALLY RETURN, EXHAUST OR OUTSIDE AIR	
F/S	COMBINATION FIRE & SMOKE DAMPER	F/S
	FIRE DAMPER	
	SMOKE DAMPER	
	MOTOR OPERATED DAMPER (MOD)	
	MANUAL VOLUME DAMPER, SINGLE BLADE DAMPER (SBD) FOR ROUND OR <10" TALL, OPPOSED BLADE DAMPER (OBD) >10" TALL	
BDD	BACKDRAFT DAMPER	BDD
SD	SMOKE DETECTOR	SD
24x36	DUCT SIZE: FIRST NUMBER IS PLAN WIDTH, SECOND NUMBER IS DEPTH.	24x36

MECHANICAL SHEET INDEX

#	TITLE	ISSUE LOG: DESIGN DEVELOPMENT
M000	MECHANICAL COVER SHEET	√
MD101	DENTAL CLINIC MECHANICAL DEMOLITION PLAN	√
M101	DENTAL CLINIC MECHANICAL PLAN	√

ISSUE LOG KEY:
'√' ISSUED AS PART OF A SET
' ' NOT PART OF SET
'+' ISSUED FOR INFORMATION ONLY

DATE 09/01/2023

SHERIDAN HEALTH SERVICES
SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS
21-107321

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ARCHITECTURAL WORKSHOP . DENVER COLORADO

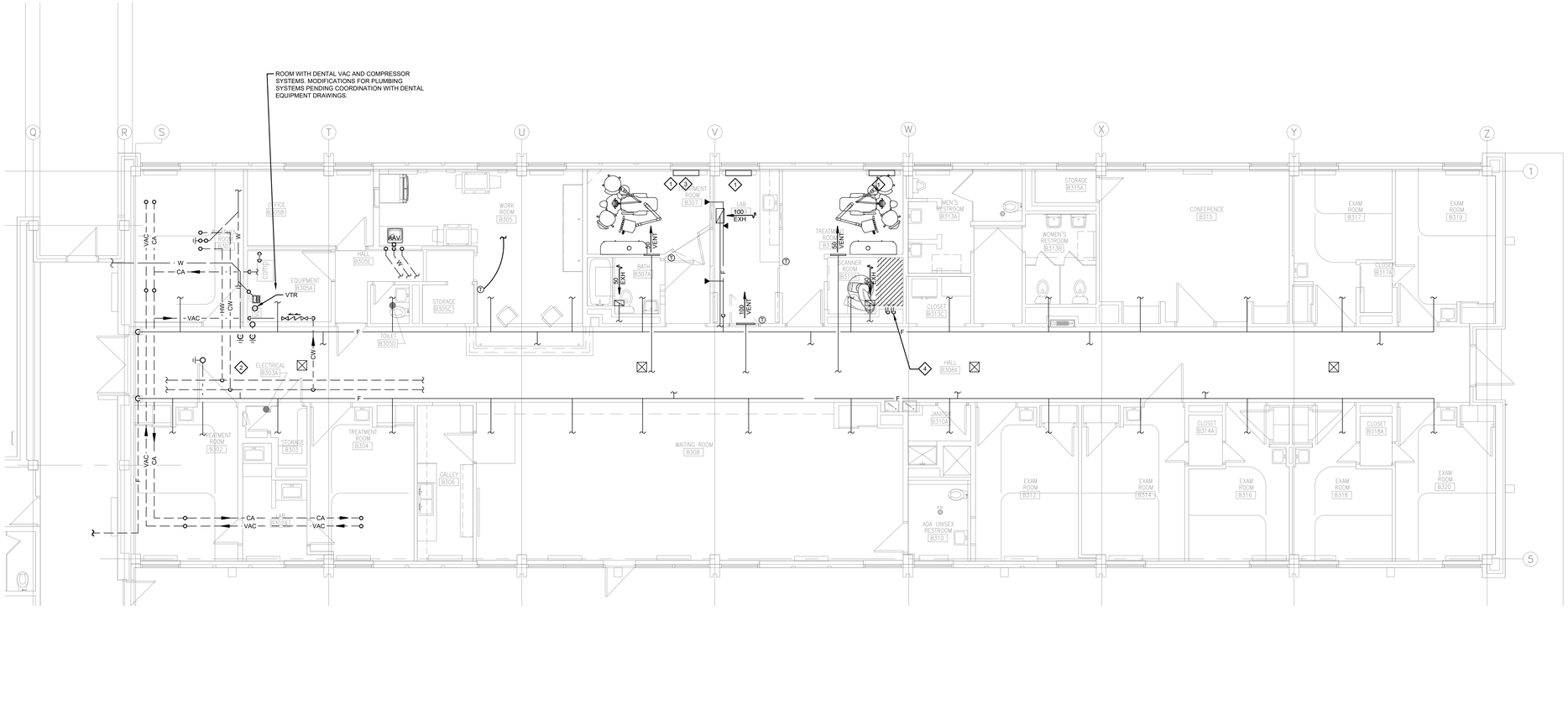
DATE	DESCRIPTION
09/01/2023	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM
PROJECT: 220?SHS INITIAL DATE: TBD

MECHANICAL COVER SHEET

SCALE: AS NOTED

M000



1 DENTAL CLINIC MECHANICAL DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

DEMOLITION NOTES:

1. ADDITIONAL STORM, HYDRONIC, DOMESTIC, WASTE AND VENT PIPING MAY BE ROUTED IN SPACE THAT IS NOT REPRESENTED, BUT IS TO REMAIN. OTHER SYSTEMS MAY EXIST WITHIN THE SPACE THAT ARE NOT REPRESENTED ON THESE DRAWINGS. MODIFICATIONS TO THESE SYSTEMS ARE NOT ANTICIPATED.
2. FIELD VERIFY ALL COMPONENTS PRIOR TO DEMOLITION. THE INFORMATION ON THIS SHEET WAS OBTAINED, IN PART, FROM HISTORIC DESIGN DRAWINGS. ONLY PORTIONS OF THE SYSTEMS WERE ACCESSIBLE FOR VISUAL CONFIRMATION DURING DESIGN PROCESS.
3. (E) WASTE SYSTEM SERVING SPACE IS LOCATED IN THE CRAWL SPACE BELOW.
4. ALL PIPING INDICATED IN DASHED LINEWEIGHTS EXISTS BELOW THE FLOOR LEVEL IN THE CRAWL SPACE. PIPING INDICATED SOLID EXISTS AT THE CEILING LEVEL.
5. REMOVE ALL MECHANICAL ITEMS INDICATED.
6. TEMPORARILY SEAL OR CAP PIPING TO BE RE-USED FOR LATER CONNECTION.
7. SEAL ALL OPEN DUCTS DURING CONSTRUCTION TO MITIGATE DUST AND DEBRIS FROM SYSTEM. CAP DUCTWORK IN LOCATIONS THAT ARE NOT BEING RECONNECTED.
8. REMOVE ALL DEMOLISHED COLD WATER, HOT WATER AND HOT WATER RECIRCULATION PIPING BACK TO BRANCH FROM MAIN TO ELIMINATE ALL DEAD ENDS IN DOMESTIC WATER PIPING.
9. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OF INFORMATION REPRESENTED IN THE DOCUMENTS VERSUS WHAT IS FOUND IN THE FIELD.
10. COORDINATE PATCHING AND REPAIRS OF WALLS, CEILINGS AND FLOORS WITH ARCHITECT.

⚠ FLAG NOTES:

1. EXISTING FLOOR CONSOLE HV UNITS TO REMAIN IN PLACE. LOCATE AND CONFIRM EXISTING THERMOSTATS.
2. COMPRESSED AIR, VACUUM, CW, HW PIPING SYSTEMS ROUTED UNDER THE FLOOR IN CRAWL SPACE INDICATED DASHED.
3. CONFIRM EXISTING THERMOSTAT LOCATION SERVING EXISTING HV UNIT. THERMOSTAT MAY NEED TO BE RELOCATED.
4. EXISTING BATHTUB BEING REMOVED. CW, HW, W, AND V PIPING TO BE REMOVED BACK TO LOCAL BRANCH AND CAPPED BEHIND FINISHED CONSTRUCTION.

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ARCHITECTURAL WORKSHOP . DENVER COLORADO

DATE	DESCRIPTION
09/01/2023	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

DENTAL CLINIC MECHANICAL DEMOLITION PLAN
SCALE: AS NOTED

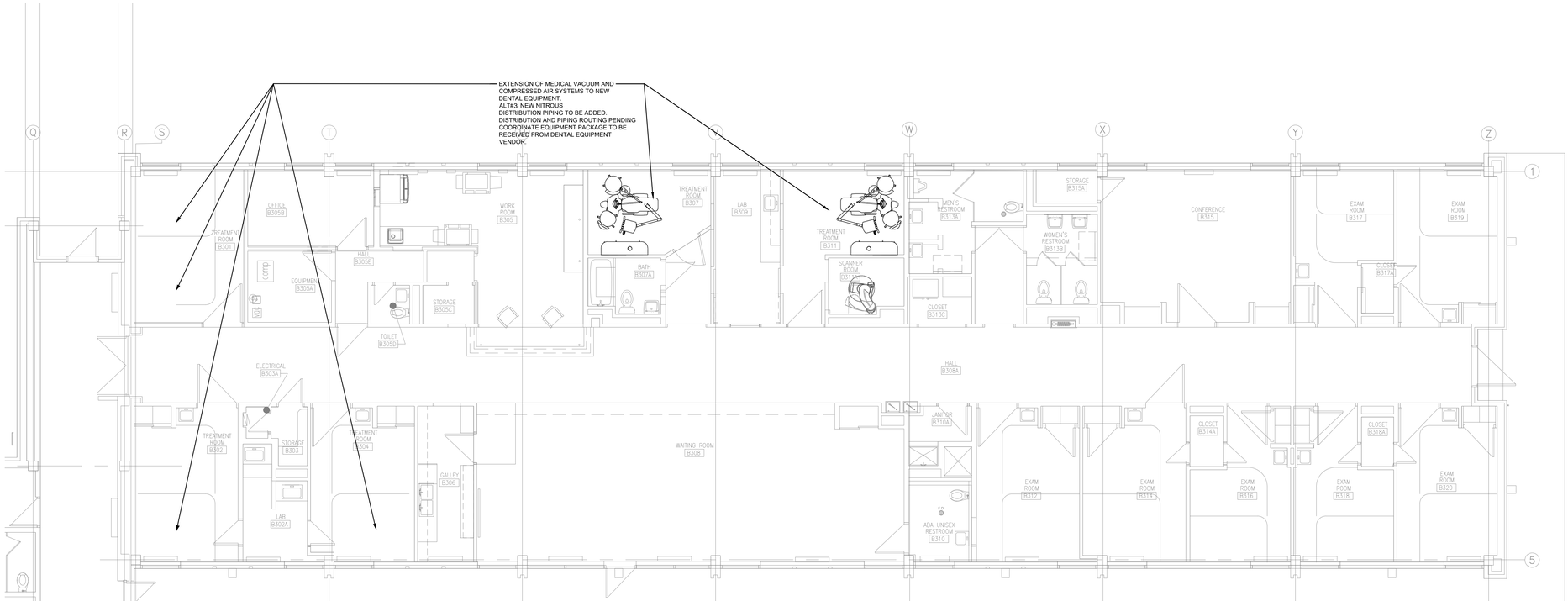
MD101

MECHANICAL NOTES:

1. PROTECT PIPING ROUTED ALONG COLUMNS, WALLS, ETC. FROM DAMAGE AS NECESSARY WITH CAGES. COORDINATE WITH ARCHITECT.
2. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILINGS IN ACCESSIBLE LOCATIONS, OR WITH ACCESS PANELS IN HARD-LID CEILINGS.

⑥ FLAG NOTES:

x



1 DENTAL CLINIC MECHANICAL PLAN
SCALE: 3/16" = 1'-0"

S:\BGPROJECTS\9818.01 SHERIDAN HEALTH SERVICE WING 2.4 (BEHAVIORAL HEALTH) AND WING 3 (DENTAL WING) RENOVATION\CAD\BGCE CAD\9818.01_M101.DWG

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DATE	DESCRIPTION
09.01.23	DESIGN DEVELOPMENT

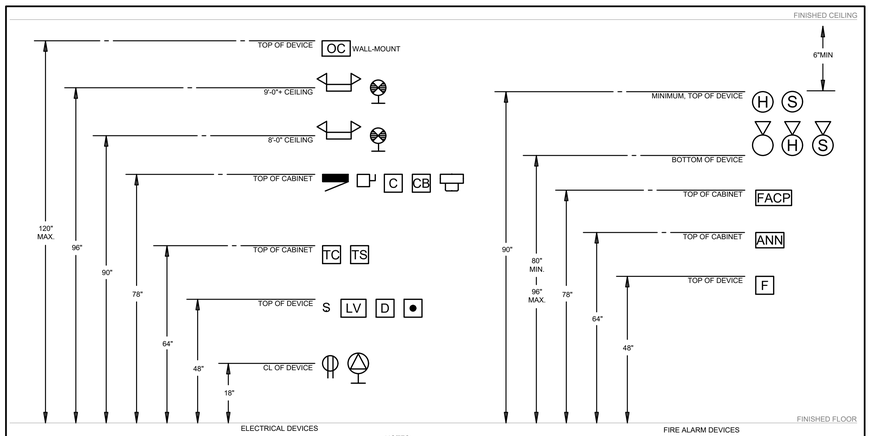
DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

DENTAL CLINIC MECHANICAL PLAN
SCALE: AS NOTED

M101

ELECTRICAL NOTES:

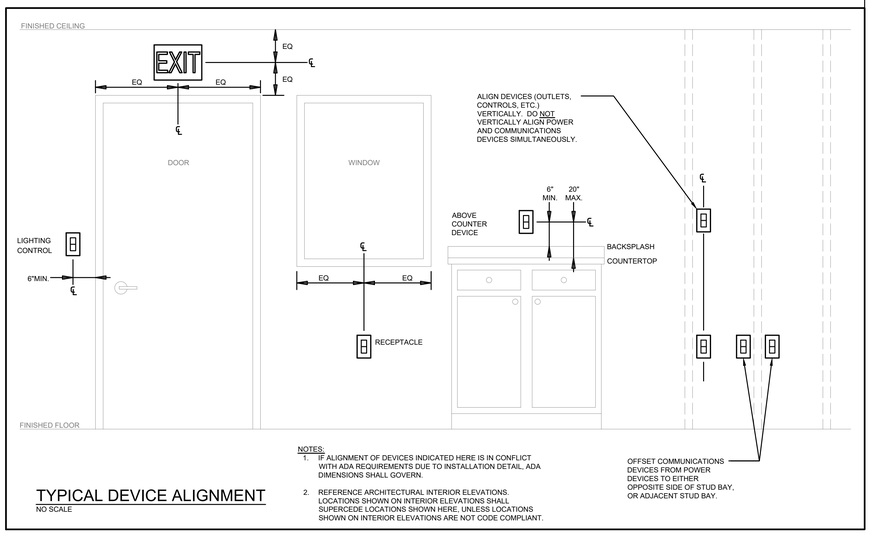
1. THESE DRAWINGS ACCOMPANY THE PUBLISHED CONSTRUCTION DOCUMENT SPECIFICATION BOOK (PROJECT MANUAL).
2. DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS ON ARCHITECTURAL DRAWINGS AND IN FIELD PRIOR TO COMMENCEMENT OF WORK.
3. VISIT SITE PRIOR TO BID AND VERIFY THAT CONDITIONS ARE AS INDICATED. CONTRACTOR SHALL INCLUDE IN HIS BID COSTS REQUIRED TO MAKE HIS WORK MEET EXISTING CONDITIONS.
4. SYSTEM OUTAGES SHALL BE PERMITTED ONLY AT TIMES APPROVED BY OWNER - IN WRITING. WORK WHICH COULD RESULT IN AN ACCIDENTAL OUTAGE (BEYOND BRANCH CIRCUITS) SHALL BE PERFORMED WITH THE OWNER'S MAINTENANCE PERSONNEL ADVISED OF SUCH WORK.
5. SERVICE SHALL BE MAINTAINED TO EXISTING AREAS DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE PORTABLE GENERATORS, CABLES, OUTLETS, ETC. AS REQUIRED TO MAINTAIN CONTINUITY OF SERVICE. PLACEMENT OF SUCH PORTABLE EQUIPMENT SHALL BE SUBJECT TO OWNER APPROVAL.
6. REVIEW ARCHITECTURAL, MECHANICAL AND OTHER DRAWINGS PRIOR TO BID.
7. WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER TO THE SATISFACTION OF THE ARCHITECT.
8. WORK, MATERIALS, AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITIONS OF LOCAL, STATE, AND NATIONAL CODES AND ORDINANCES.
9. PROVIDE PERMITS AND INSPECTIONS REQUIRED.
10. CONTRACTOR'S FAILURE TO ORDER OR RELEASE ORDER FOR MATERIALS AND/OR EQUIPMENT WILL NOT BE ACCEPTED AS A REASON TO SUBSTITUTE ALTERNATE MATERIALS, EQUIPMENT, OR INSTALLATION METHODS.
11. EXISTING SYSTEMS AND CONDITIONS SHOWN ON DRAWINGS FOR EXISTING BUILDINGS ARE TO BE NOTED "FOR GUIDANCE ONLY". THE ELECTRICAL CONTRACTOR TO FIELD CHECK ALL EXISTING CONDITIONS PRIOR TO BIDDING AND TO INCLUDE IN HIS BID AN ALLOWANCE FOR REMOVAL AND/OR RELOCATION OF EXISTING CONDUITS, WIRES, DEVICES, FIXTURES, OR OTHER EQUIPMENT AS INDICATED ON THE PLANS OR AS REQUIRED TO COORDINATE AND ADAPT NEW AND EXISTING ELECTRICAL SYSTEM TO ALL OTHER WORK AS REQUIRED
12. PROVIDE ELECTRICAL DEMOLITION REQUIRED. REFER TO ARCHITECTURAL AND ELECTRICAL DEMOLITION DRAWINGS FOR LOCATION AND EXTENT OF DEMOLITION REQUIRED. CONTRACTOR SHALL VISIT SITE PRIOR TO BID TO DETERMINE EXTENT OF WORK INVOLVED.
13. PROVIDE ALL NECESSARY DEMOLITION TO REMOVE EXISTING UNUSED CONDUIT, WIRE, CABLE, J-BOXES, RECEPTACLES, SWITCHES, LIGHTS, FIRE ALARMS DEVICES, ETC. COMPLETE WITH ASSOCIATED CIRCUITING TO SOURCE. WHERE IT IS NOT FEASIBLE TO REMOVE THE ABOVE, OUTLET SHALL BE ABANDONED, WIRE REMOVED, AND BLANK COVER PLATES PROVIDED.
14. ALL (E) EQUIPMENT, LAMPS, BALLASTS, ETC. BEING REMOVED SHALL BE DISCARDED IN ACCORDANCE WITH APPLICABLE EPA REQUIREMENTS.
15. EXISTING LIGHT FIXTURES, ELECTRICAL EQUIPMENT, ETC. BEING REMOVED SHALL BE RETURNED TO THE OWNER, EXCEPT FOR THOSE ITEMS BEING RELOCATED.
16. VERIFY EXACT LOCATION OF EQUIPMENT TO BE FURNISHED BY OTHERS PRIOR TO ROUGH-IN.
17. INSTALL ALL MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ANY DEVIATIONS SHALL BE BROUGHT TO THE ARCHITECT/ENGINEER'S ATTENTION PRIOR TO INSTALLATION.
18. FINAL CONNECTIONS TO EQUIPMENT SHALL BE IN ACCORDANCE WITH MANUFACTURER'S APPROVED WIRING DIAGRAMS, DETAILS, AND INSTRUCTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING EQUIPMENT WHICH IS DAMAGED DUE TO INCORRECT FIELD WIRING PROVIDED UNDER THIS SECTION, OR FACTORY WIRING IN EQUIPMENT PROVIDED UNDER THIS SECTION.
20. ALL ELECTRICAL SYSTEMS COMPONENTS SHALL BE LISTED OR LABELED BY U.L. OR OTHER RECOGNIZED TESTING FACILITY.
21. WIRING DEVICES SHALL BE SPECIFICATION GRADE AND RATED AT 20 AMPERES FOR LIGHT SWITCHES, AND 20 AMPERES FOR DUPLEX RECEPTACLES. THE COLOR OF THE DEVICES AND COVER PLATES SHALL BE AS DIRECTED BY ARCHITECT.
22. ALL EMPTY RACEWAY SYSTEMS SHALL HAVE A 200LB NYLON PULL STRING OR EQUAL, AND SHALL BE IDENTIFIED AT ALL JUNCTION, PULL AND TERMINATION POINTS, USING PERMANENT METALLIC TAGS. TAG SHALL INDICATE INTENDED USE OF CONDUIT, ORIGINATION, AND TERMINATION POINTS OF EACH INDIVIDUAL CONDUIT.
23. PROVIDE NEW UPDATED PANELBOARD DIRECTORIES FOR EXISTING AND NEW CIRCUITS BEING UTILIZED FOR COMPLETION OF PROJECT.
24. PANEL DIRECTORIES SHALL BE REMOVABLE. ROOM NAMES AND NUMBERS SHALL BE AS DIRECTED BY OWNER. DIRECTORIES SHALL BE TYPED AND INSTALLED UNDER CLEAR PLASTIC COVERS.
25. FINAL CONNECTIONS TO MOTORS, TRANSFORMERS, AND OTHER VIBRATING EQUIPMENT SHALL BE SEAL TITE FLEX AND APPROVED FITTINGS. DO NOT SECURE CONDUITS, DISCONNECTS, OR DEVICES TO DUCTWORK OR MECHANICAL EQUIPMENT.
26. SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, CONTRACTOR SHALL MAKE CORRECTIONS NECESSARY AT NO COST TO OWNER.
27. GUARANTEE THE INSTALLATION AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP WHICH MAY OCCUR UNDER NORMAL USAGE FOR A PERIOD OF ONE YEAR AFTER OWNER'S ACCEPTANCE. DEFECTS SHALL BE PROMPTLY REMEDIED WITHOUT COST TO THE OWNER.
28. SYSTEMS SHALL BE COMPLETE, OPERABLE, AND READY FOR CONTINUOUS OPERATION. LIGHTS, SWITCHES, RECEPTACLES, MOTORS, ETC. SHALL BE CONNECTED AND OPERABLE.
29. ALL SURFACE MOUNTED CONDUIT SHALL BE PAINTED TO MATCH SURROUNDING SURFACE COLOR.



TYPICAL DEVICE MOUNTING HEIGHTS

NO SCALE

NOTES:
1. IF MOUNTING HEIGHT OF DEVICES INDICATED HERE IS IN CONFLICT WITH ADA REQUIREMENTS DUE TO INSTALLATION DETAIL, ADA DIMENSIONS SHALL GOVERN.
2. REFERENCE ARCHITECTURAL INTERIOR ELEVATIONS. LOCATIONS SHOWN ON INTERIOR ELEVATIONS SHALL SUPERCEDE LOCATIONS SHOWN HERE. UNLESS LOCATIONS SHOWN ON INTERIOR ELEVATIONS ARE NOT CODE COMPLIANT.



TYPICAL DEVICE ALIGNMENT

NO SCALE

NOTES:
1. IF ALIGNMENT OF DEVICES INDICATED HERE IS IN CONFLICT WITH ADA REQUIREMENTS DUE TO INSTALLATION DETAIL, ADA DIMENSIONS SHALL GOVERN.
2. REFERENCE ARCHITECTURAL INTERIOR ELEVATIONS. LOCATIONS SHOWN ON INTERIOR ELEVATIONS SHALL SUPERCEDE LOCATIONS SHOWN HERE. UNLESS LOCATIONS SHOWN ON INTERIOR ELEVATIONS ARE NOT CODE COMPLIANT.

ELECTRICAL SYSTEMS LEGEND

NOTE:
ALL SYMBOLS SHOWN ON LEGEND ARE NOT NECESSARILY USED.

LIGHTING FIXTURE SYMBOLS

- RECESSED LIGHTING FIXTURE
- DIRECTIONAL/ADJUSTABLE RECESSED LIGHTING FIXTURE
- SURFACE MOUNTED LIGHT
- PENDANT MOUNTED LIGHT
- WALL MOUNTED LIGHT
- WALL MOUNTED UP-LIGHT
- MONO-POINT LIGHTING FIXTURE
- RECESSED STEP LIGHT
- FLUORESCENT STRIP LIGHT
- WALL MOUNTED LINEAR FLUORESCENT LIGHT
- RECESSED OR SURFACE MOUNTED FLUORESCENT TROFFER
- FIXTURE WITH EMERGENCY BACKUP OR ON EM CIRCUIT
- CEILING MOUNTED EXIT SIGN W/ FACES & ARROWS AS SHOWN
- WALL MOUNTED EXIT SIGN W/ FACES & ARROWS AS SHOWN
- WALL MOUNTED COMBO EXIT SIGN/ EGRESS LIGHT
- EMERGENCY LIGHTS
- EXTERIOR POLE MOUNTED LIGHT
- EXTERIOR POST (BOLLARD) MOUNTED LIGHT
- CEILING FAN
- CEILING FAN WITH LIGHT

LIGHTING CONTROL SYMBOLS

- WALL MOUNTED SWITCH
- S^3 THREE-WAY SWITCH
- S^4 FOUR-WAY SWITCH
- S^J DOOR JAMB SWITCH
- S^K KEY SWITCH
- S^D DIMMER SWITCH
- WALL MOUNTED DEVICE
- WIRELESS WALL MOUNTED DEVICE
- RA ROOM CONTROLLER
- RL PLUG LOAD CONTROLLER
- OCCUPANCY/VACANCY PROGRAMMED SENSOR - CEILING MOUNTED
- WIRELESS OCCUPANCY/VACANCY PROGRAMMED SENSOR - CEILING MOUNTED
- OCCUPANCY/VACANCY PROGRAMMED SENSOR - CORNER MOUNTED
- WIRELESS OCCUPANCY/VACANCY PROGRAMMED SENSOR - CORNER MOUNTED
- DAYLIGHT PHOTO SENSOR
- WIRELESS DAYLIGHT PHOTO SENSOR

LIGHTING DRAWING SYMBOLS

- ALIGNMENT LINE
- CL OBJECT — CENTER LINE DESIGNATION

FIRE ALARM SYMBOLS

- FACP FIRE ALARM CONTROL PANEL
- ANN REMOTE ANNUNCIATOR PANEL
- IAM INDIVIDUAL ADDRESSABLE MODULE
- MR MONITORED RELAY
- PIV POST-INDICATOR VALVE
- RTS REMOTE TESTER SWITCH
- CO CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- HEAT DETECTOR
- DUCT DETECTOR
- COMBO SMOKE/HEAT DETECTOR
- SMOKE DETECTOR W/ SOUNDER BASE
- SMOKE DETECTOR W/ CARBON MONOXIDE
- BEAM TYPE SMOKE DETECTOR TRANSMITTER
- BEAM TYPE SMOKE DETECTOR RECEIVER
- FIRE ALARM PULL STATION
- FIRE ALARM CHIME
- FIRE ALARM CHIME/STOBE
- FIRE ALARM HORN
- FIRE ALARM STROBE
- FIRE ALARM COMBO HORN/STROBE
- FIRE ALARM SPEAKER
- FIRE ALARM COMBO SPEAKER/STROBE
- FIREMAN'S PHONE JACK
- FF SPRINKLER SYSTEM FLOW SWITCH
- FT SPRINKLER SYSTEM TAMPER SWITCH
- FSD FIRE/SMOKE DAMPER
- LT LOW TEMPERATURE SENSOR

POWER SYMBOLS

- SINGLE RECEPTACLE - WALL MOUNTED
- DUPLEX RECEPTACLE - WALL MOUNTED
- USB DUPLEX RECEPTACLE WITH USB PORTS - WALL MOUNTED
- DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER - WALL MOUNTED
- QUADPLEX RECEPTACLE - WALL MOUNTED
- DUPLEX RECEPTACLE; GFCI - WALL MOUNTED
- DUPLEX RECEPTACLE; HALF SWITCHED - WALL MOUNTED
- DUPLEX RECEPTACLE; ISOLATED GROUND - WALL MOUNTED
- D DUPLEX RECEPTACLE; HALF DIMMED - WALL MOUNTED
- D DUPLEX RECEPTACLE; FULL DIMMED - WALL MOUNTED
- SPECIAL OUTLET AS NOTED - WALL MOUNTED
- DUPLEX RECEPTACLE - CEILING MOUNTED; TYP. ALL TYPES
- FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE; TYP. ALL TYPES
- FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE AND TELECOM
- JUNCTION BOX - WALL MOUNTED
- JUNCTION BOX - FLUSH FLOOR MOUNTED
- JUNCTION BOX - CEILING MOUNTED
- MULTI-OUTLET PLUG STRIP
- POWER/TELECOM POLE
- MECHANICAL EQUIPMENT POWER CONNECTION
- KITCHEN EQUIPMENT POWER CONNECTION
- POOL EQUIPMENT POWER CONNECTION
- TS TIMER SWITCH
- FUSED DISCONNECT
- NON FUSED DISCONNECT
- MOTOR STARTER
- CB ENCLOSED CIRCUIT BREAKER
- PB PULL BOX
- PUSH BUTTON
- TC TIME CLOCK
- PC PHOTO-CELL
- T TRANSFORMER
- PANELBOARD OR LOADCENTER
- C CONTACTOR
- ELECTRIC MOTOR
- METER
- THERMOSTAT
- ATS AUTOMATIC TRANSFER SWITCH
- CIRCUIT HOMERUN
- CONDUIT RUN
- CONDUIT RUN BELOW GRADE
- CONDUIT UP
- CONDUIT DOWN
- $S SWITCH
- S^T THERMAL OVERLOAD SWITCH
- S^V VARIABLE SPEED SWITCH
- S^K KEY SWITCH

ONE-LINE DIAGRAM SYMBOLS

- DISCONNECT SWITCH
- FUSE
- CIRCUIT BREAKER
- CURRENT TRANSFORMER
- POTENTIAL TRANSFORMER
- M METER
- V VOLT-METER
- A AMP-METER
- SS SURGE PROTECTION DEVICE
- SELECTOR SWITCH
- GFP GROUND FAULT PROTECTION
- ST SHUNT TRIP
- NORMALLY OPEN CONTACT
- NORMALLY CLOSED CONTACT
- GROUND
- COLD WATER GROUND CONNECTION
- BUILDING STEEL GROUND CONNECTION
- T TRANSFORMER
- DISCONNECT
- AUTOMATIC TRANSFER SWITCH

ABBREVIATIONS

AFC	-	ABOVE FINISHED CEILING
AFF	-	ABOVE FINISHED FLOOR
AFG	-	ABOVE FINISHED GRADE
AHJ	-	AUTHORITY HAVING JURISDICTION
AL	-	ALUMINUM
AP	-	ACCESS POINT
AWG	-	AMERICAN WIRE GAUGE
BAS	-	BUILDING AUTOMATION SYSTEM
BFG	-	BELOW FINISH GRADE
BMS	-	BUILDING MANAGEMENT SYSTEM
C	-	CONDUIT
CATV	-	COMMUNITY (CABLE) ANTENNA TELEVISION SYSTEM
CCTV	-	CLOSED CIRCUIT TELEVISION
CKT	-	CIRCUIT
CPU	-	CENTRAL PROCESSING UNIT
CT	-	CURRENT TRANSFORMER
DISP	-	GARBAGE DISPOSAL
DW	-	DISHWASHER
(E)	-	EXISTING
EM	-	EMERGENCY
EWC	-	ELECTRIC WATER COOLER
FA	-	FIRE ALARM
FACP	-	FIRE ALARM CONTROL PANEL
FBO	-	FURNISHED BY OTHERS
GC	-	GENERAL CONTRACTOR
GFI	-	GROUND FAULT CIRCUIT INTERRUPTER
GRD	-	GROUND
IAW	-	IN ACCORDANCE WITH
IC	-	INTERMEDIATE CROSS-CONNECT
IDF	-	INTERMEDIATE DISTRIBUTION FRAME
IG	-	ISOLATED GROUND
IR	-	INFRARED
LAN	-	LOCAL AREA NETWORK
MDF	-	MAIN DISTRIBUTION FRAME
(N)	-	NEW
NIC	-	NOT IN CONTRACT
NL	-	NIGHT LIGHT
NTS	-	NOT TO SCALE
OC	-	ON CENTER
PA	-	PUBLIC ADDRESS
REF	-	REFRIGERATOR
SPD	-	SURGE PROTECTION DEVICE
T	-	TAMPER RESISTANT
TTB	-	TELECOMMUNICATIONS TERMINAL BOARD
TVSS	-	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TVTB	-	TELEVISION TERMINAL BOARD
UG	-	UNDERGROUND
UNO	-	UNLESS NOTED OTHERWISE
V	-	VOLT
W	-	WATT
WAN	-	WIDE AREA NETWORK
WAP	-	WIRELESS ACCESS POINT
WLAN	-	WIRELESS LOCAL AREA NETWORK
WP	-	WEATHERPROOF
XP	-	EXPLOSIONPROOF
+18"	-	MOUNTING HEIGHT TO CENTERLINE OF DEVICE ABOVE FINISH FLOOR (VERIFY W/ ARCH ELEVS)

NOTES:

- LIGHT LINEWEIGHT INDICATES EXISTING.
- HATCHED AREAS INDICATE DEMOLITION.
- 'C' ADJACENT TO A DEVICE INDICATES MOUNTING ABOVE COUNTERTOP. C

DEFERRED SUBMITTALS

1. THE PROJECT FIRE ALARM CONTRACTOR SHALL SUBMIT THE FIRE ALARM SHOP DRAWINGS FOR THIS PROJECT AS A DEFERRED SUBMITTAL. THIS DEFERRED SUBMITTAL SHALL COMPLY WITH THE 2015 INTERNATIONAL BUILDING CODE 107.3.4.1.

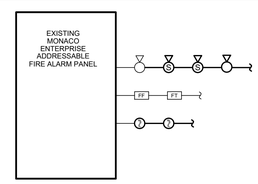
ELECTRICAL SHEET INDEX

ISSUE LOG

#	TITLE	DESIGN DEVELOPMENT
E000	ELECTRICAL COVER SHEET	√
E001	ELECTRICAL OVERALL PLAN	√
ED101	DENTAL CLINIC ELECTRICAL DEMOLITION PLAN	√
ED103	OFFICE & PRIMARY CARE ELECTRICAL DEMOLITION PLAN	√
E101	DENTAL CLINIC ELECTRICAL PLAN	√
E102	BEHAVIORAL HEALTH ELECTRICAL PLAN	√
E103	OFFICE & PRIMARY CARE ELECTRICAL PLAN	√
E200	ELECTRICAL ONE-LINE DIAGRAM	√
E201	ELECTRICAL SCHEDULES	√

ISSUE LOG KEY:
'√' ISSUED AS PART OF A SET
' - ' NOT PART OF SET
'+' ISSUED FOR INFORMATION ONLY

DATE: 09.01.2023



GENERAL NOTES:

1. PROGRAM EXISTING FIRE ALARM PANEL AT THE COMPLETION OF THE PROJECT TO INDICATE NEW / MODIFIED FIRE ALARM DEVICES.
2. PROVIDE ADDITIONAL FIRE ALARM BOOSTER PANEL AS REQUIRED.

PARTIAL FIRE ALARM DIAGRAM

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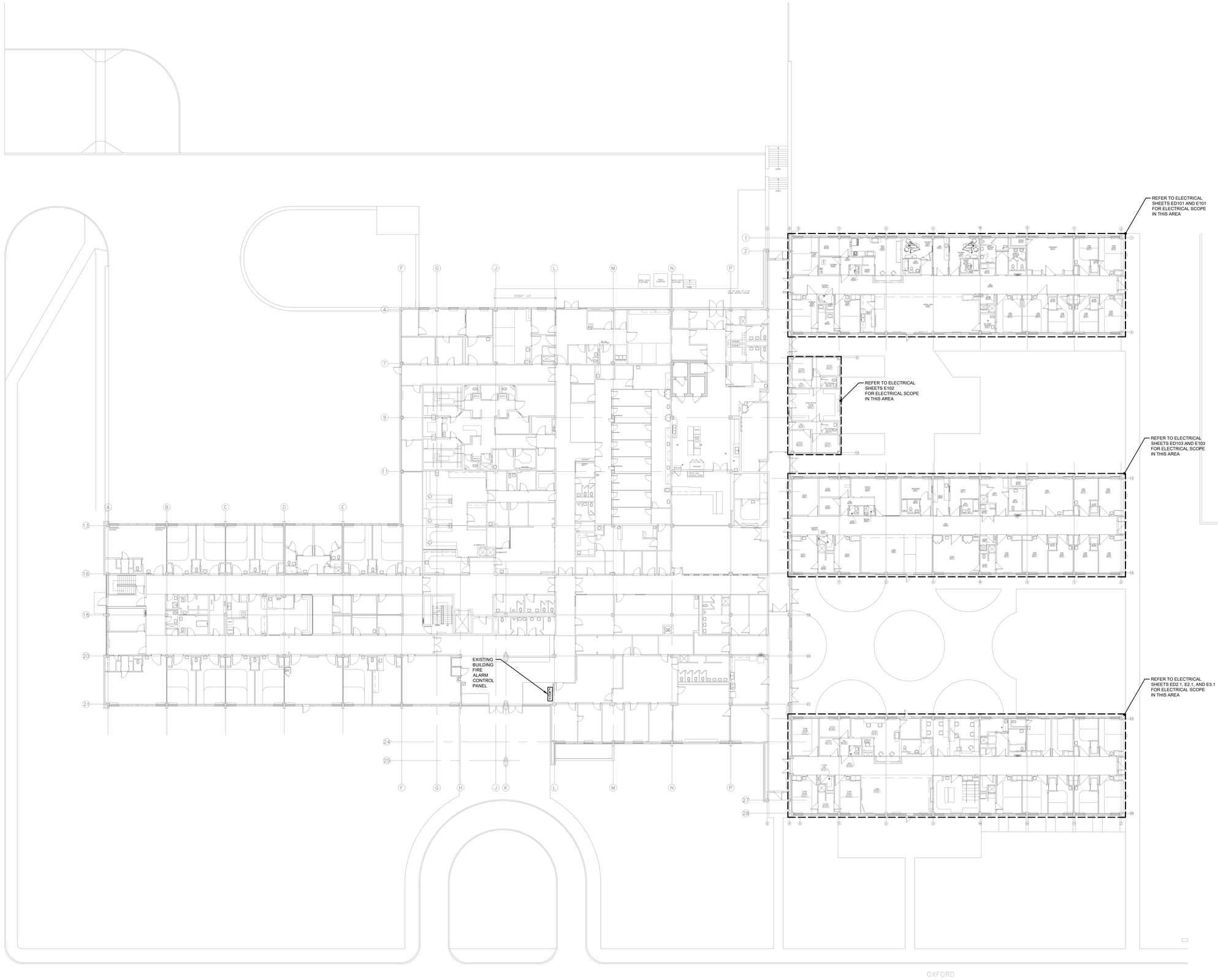
DATE	DESCRIPTION
09.01.23	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

ELECTRICAL COVER SHEET

SCALE: AS NOTED

E000



S:\BG\PROJECTS\9818.01 SHERIDAN HEALTH SERVICE WING 2.4 (BEHAVIORAL HEALTH) AND WING 3 (DENTAL WING) RENOVATION\CAD\BGCE CAD\9818.01_E001.DWG

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09.01.23	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM
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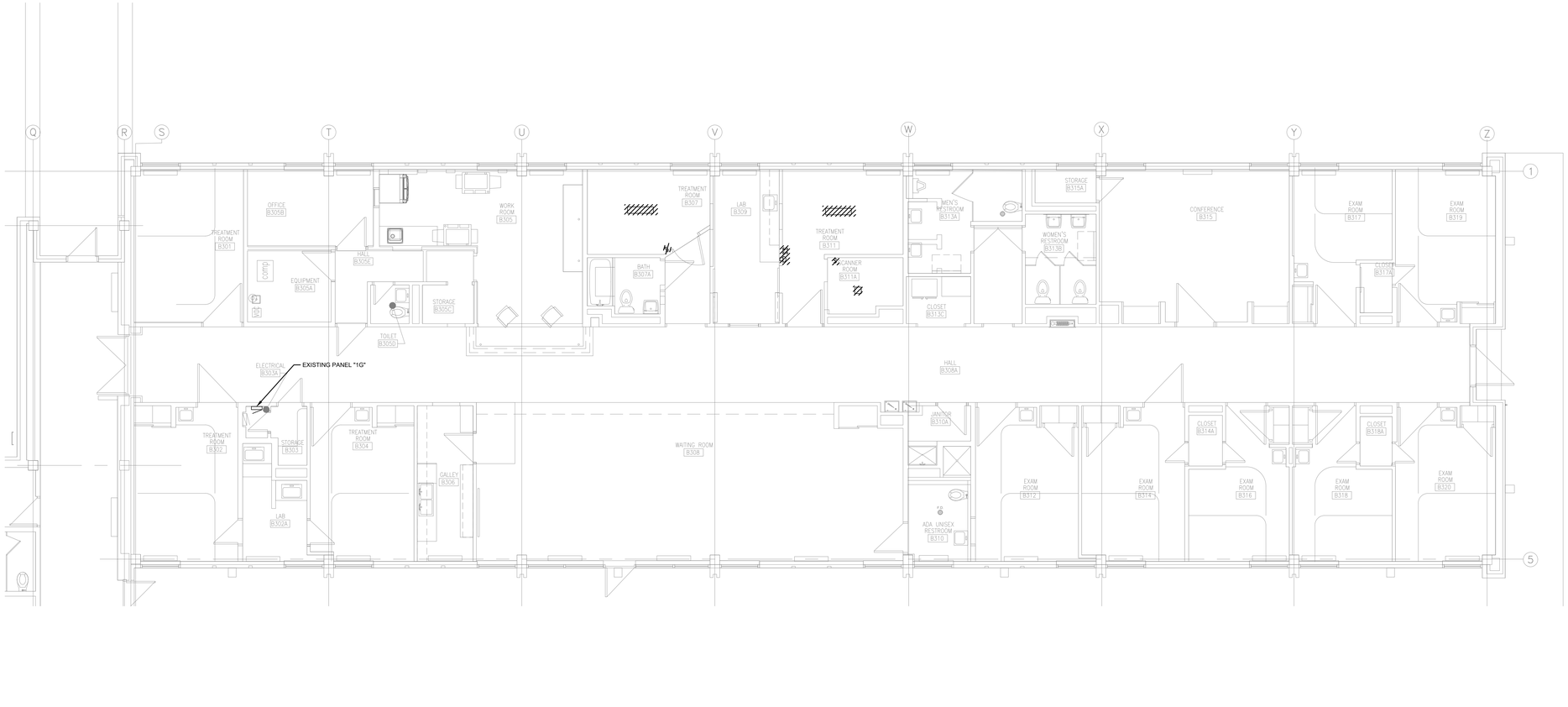
ELECTRICAL OVERALL PLAN

SCALE: AS NOTED

E001



1 DENTAL CLINIC ELECTRICAL DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

DEMOLITION NOTES:

1. DEMOLITION PLAN INDICATES A DESIRED SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IN FIELD PRIOR TO START OF WORK.
2. CONDITIONS MAY EXIST WHERE (E) CABLING AND/OR EQUIPMENT IS INSTALLED WITHIN AN AREA OF DEMOLITION THAT IS INTENDED TO REMAIN IN ORDER TO KEEP SYSTEMS OUTSIDE OF THE AREA OF DEMOLITION IN OPERABLE CONDITION. CONTRACTOR SHALL PROVIDE APPROPRIATE PROTECTION AND EXERCISE CARE WHEN PERFROMING DEMOLITION AROUND SUCH CABLING AND EQUIPMENT.
3. ALL SYSTEMS LOCATED OUTSIDE THE AREA OF DEMOLITION ARE INTENDED TO REMAIN OPERABLE.
4. FOR ALL ITEMS TO BE DEMOLISHED REMOVE CIRCUIT BACK TO POINT OF CONNECTION. MAKE BRANCH CIRCUIT WITH REMAINING DEVICES CONTINUOUS.
5. ELECTRICAL CONTRACTOR SHALL REMOVE ALL DEMOLISHED ITEMS FROM SITE UNLESS OWNER WISHES TO RETAIN. ITEMS REMOVED FROM SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
6. EVERY ATTEMPT WAS MADE TO LOCATE ALL ITEMS TO BE INCLUDED IN THE DEMOLITION SCOPE IN THIS OCCUPIED SPACE. ELECTRICAL CONTRACTOR SHALL PROVIDE A REASONABLE ALLOWANCE TO INCLUDE THE REMOVAL OF ITEMS NOT INDICATED ON THE ELECTRICAL DEMOLITION PLAN.

⟐ FLAG NOTES:

x

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09.01.23	DESIGN DEVELOPMENT

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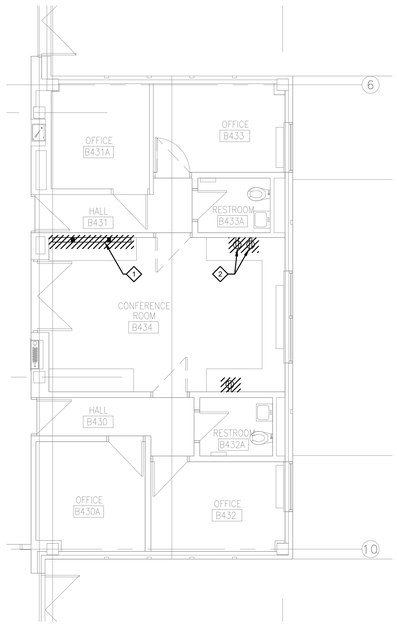
DENTAL CLINIC ELECTRICAL DEMOLITION PLAN
SCALE: AS NOTED

ED101



1 OFFICE ELECTRICAL DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

DEMOLITION NOTES:

1. DEMOLITION PLAN INDICATES A DESIRED SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IN FIELD PRIOR TO START OF WORK.
2. CONDITIONS MAY EXIST WHERE (E) CABLING AND/OR EQUIPMENT IS INSTALLED WITHIN AN AREA OF DEMOLITION THAT IS INTENDED TO REMAIN IN ORDER TO KEEP SYSTEMS OUTSIDE OF THE AREA OF DEMOLITION IN OPERABLE CONDITION. CONTRACTOR SHALL PROVIDE APPROPRIATE PROTECTION AND EXERCISE CARE WHEN PERFROMING DEMOLITION AROUND SUCH CABLING AND EQUIPMENT.
3. ALL SYSTEMS LOCATED OUTSIDE THE AREA OF DEMOLITION ARE INTENDED TO REMAIN OPERABLE.
4. FOR ALL ITEMS TO BE DEMOLISHED REMOVE CIRCUIT BACK TO POINT OF CONNECTION. MAKE BRANCH CIRCUIT WITH REMAINING DEVICES CONTINUOUS.
5. ELECTRICAL CONTRACTOR SHALL REMOVE ALL DEMOLISHED ITEMS FROM SITE UNLESS OWNER WISHES TO RETAIN. ITEMS REMOVED FROM SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
6. EVERY ATTEMPT WAS MADE TO LOCATE ALL ITEMS TO BE INCLUDED IN THE DEMOLITION SCOPE IN THIS OCCUPIED SPACE. ELECTRICAL CONTRACTOR SHALL PROVIDE A REASONABLE ALLOWANCE TO INCLUDE THE REMOVAL OF ITEMS NOT INDICATED ON THE ELECTRICAL DEMOLITION PLAN.

◇ FLAG NOTES:

1. DISCONNECT AND REMOVE SURFACE MOUNTED RACEWAY, SURFACE MOUNTED CONDUIT AND SURFACE MOUNTED RECEPTACLE.
2. DISCONNECT AND REMOVE SURFACE MOUNTED RECEPTACLES.

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DRAWN BY: CG CHECKED BY: JM
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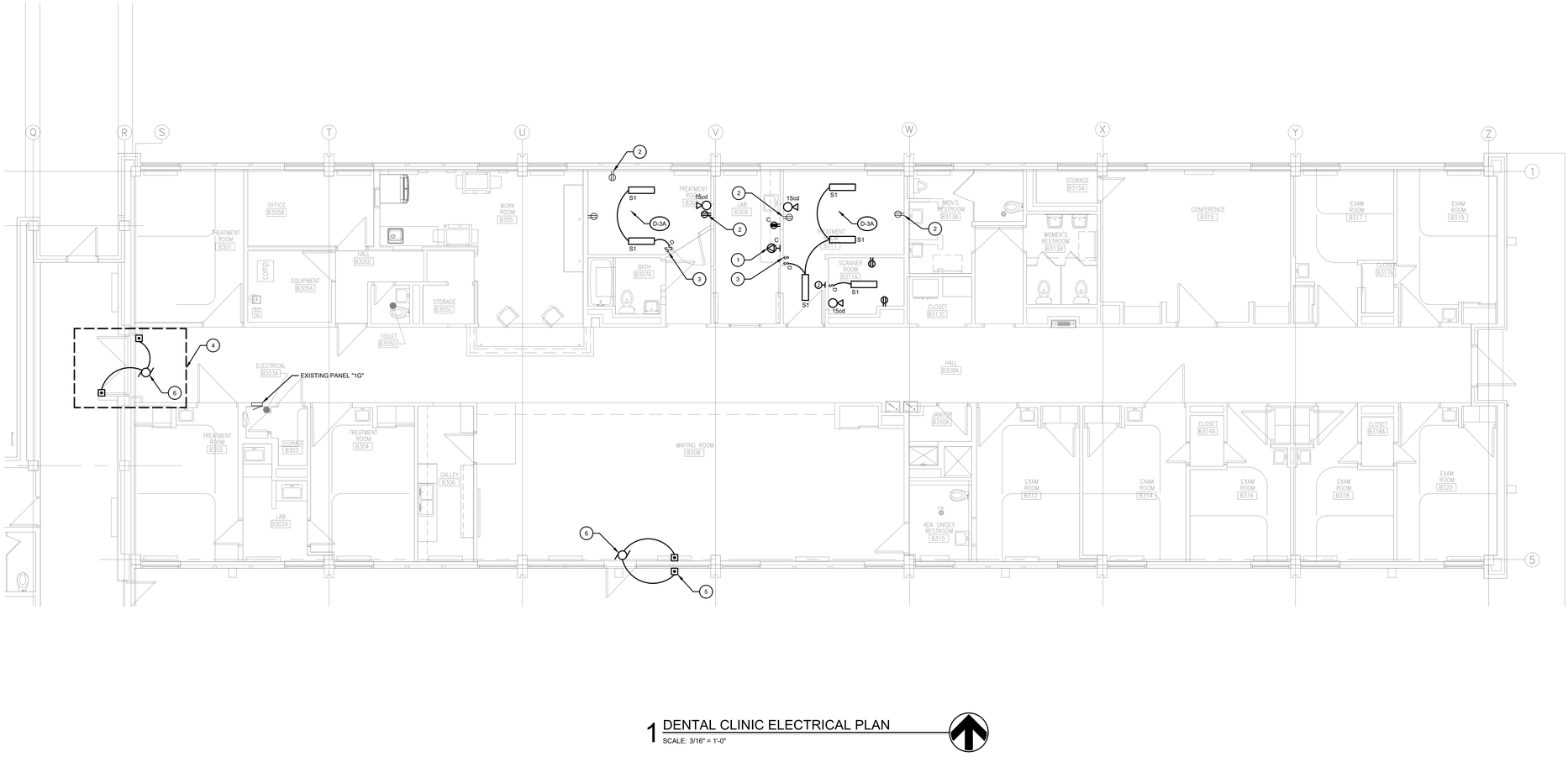
OFFICE AND PRIMARY CARE
ELECTRICAL DEMOLITION PLAN
SCALE: AS NOTED

ED103



1 DENTAL CLINIC ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"

NOTES:

1. THE NUMBERS NEXT TO ELECTRICAL ITEMS INDICATE THE CIRCUIT NUMBER THAT BRANCH CIRCUIT SHALL OCCUPY IN PANEL "1G" UNLESS NOTED OTHERWISE.
2. FOR EACH COMMUNICATION DEVICE AND TELEVISION PROVIDE A 4"x4" RECESSED JUNCTION BOX WITH SINGLE GANG MUD RING. FROM JUNCTION BOX ROUTE 1" EMT CONDUIT INTO CRAWL SPACE BELOW. PROVIDE BUSHING ON EXPOSED END OF CONDUIT.
3. ALL NEW POWER, COMMUNICATION AND LIGHTING BRANCH CIRCUITS SHALL BE ROUTED DOWN NEW / EXISTING WALLS INTO CRAWL SPACE BELOW UNLESS NOTED OTHERWISE DUE TO LIMITED CEILING ACCESS IN SPACE AND ROUTED IN CRAWL SPACE..
4. ALL NEW FIRE ALARM CABLING SHALL BE ROUTED IN NEW SOFFITS BEING CREATED TO INSTALL FIRE SPRINKLER LINES. FROM SOFFIT PROVIDE SURFACE MOUNTED CONDUIT AND BOXES AS REQUIRED TO SERVE NEW FIRE ALARM DETECTION AND NOTIFICATION APPLIANCES.
5. IT IS ACCEPTABLE TO INSTALL SURFACE MOUNTED DEVICES ON EXISTING WALLS SINCE MOST EXISTING WALLS ARE BLOCK. FROM THESE SURFACE MOUNTED DEVICES PROVIDE SURFACE MOUNTED CONDUIT DOWN INTO CRAWL SPACE FOR ROUTING OF BRANCH CIRCUIT TO OTHER DEVICE OR PANELBOARD.

(#) FLAG NOTES:

1. PROVIDE NEMA 6-15 RECEPTACLE FOR RELOCTED WATER STEAM STERILIZER. VERIFY PLUG CONFIGURATION PRIOR TO ROUGH-IN.
2. EXISTING RECEPTACLE TO REMAIN.
3. TOGGLE SWITCH FOR CONTROL OF DENTAL CEILING MOUNTED DENTAL LIGHT FIXTURE "D9A". PROVIDE PERMANENT PLAQUE ON TOGGLE SWITCH COVER PLATE TO READ: "DENTAL CEILING LIGHT FIXTURE CONTROL".
4. THIS AUTOMATIC DOOR OPENER IS TO BE PRICED AS ALTERNATE #2.
5. PROVIDE SURFACE MOUNTED WATERPROOF JUNCTION BOX FOR INSTALLATION OF DOOR OPENER PUSHBUTTON (INSTALLATION OF PUSH BUTTON BY OTHERS). FROM JUNCTION BOX ROUTE 3/4" EMT CONDUIT UP MULLION TO ABOVE CEILING ELEVATION AND INTO TO BUILDING INTERIOR TO DOOR OPENER CONTROLLER.
6. PROVIDE 120-VOLT POWER CONNECTION TO DOOR OPENER CONTROLLER.

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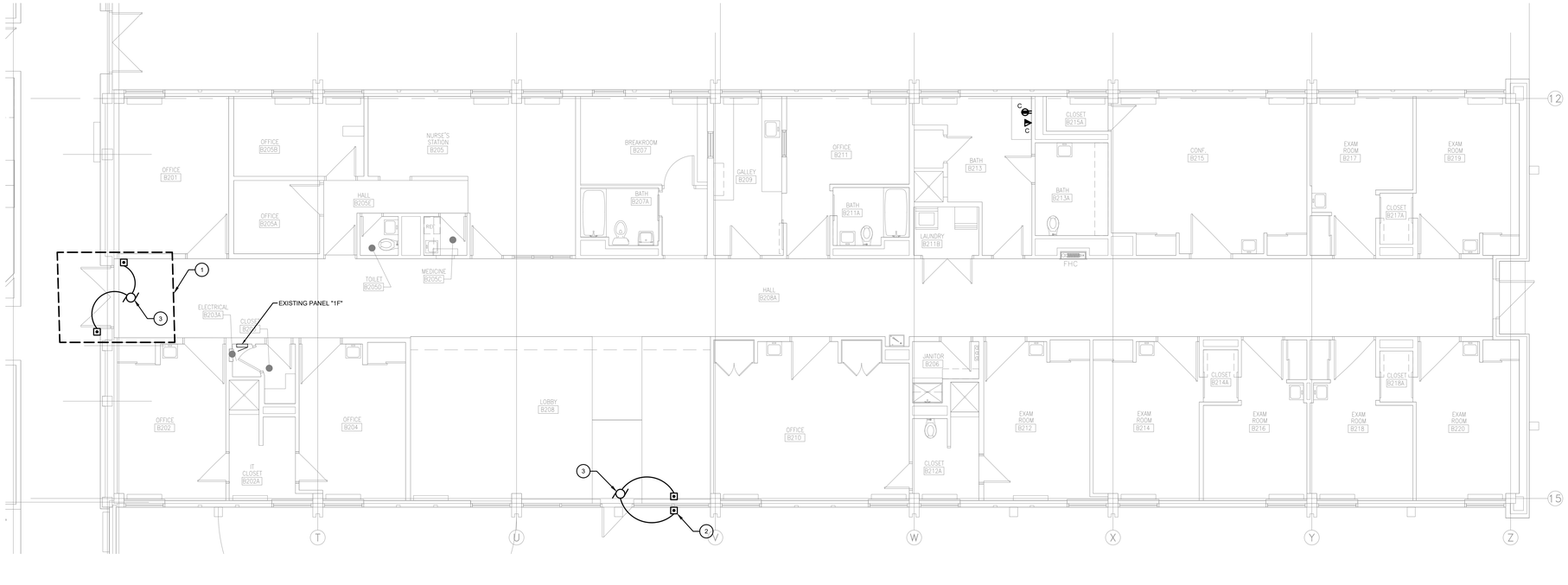
DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

DENTAL CLINIC ELECTRICAL PLAN
SCALE: AS NOTED

E101



1 BEHAVIOR HEALTH ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"

NOTES:

1. THE NUMBERS NEXT TO ELECTRICAL ITEMS INDICATE THE CIRCUIT NUMBER THAT BRANCH CIRCUIT SHALL OCCUPY IN PANEL "1F" UNLESS NOTED OTHERWISE.
2. FOR EACH COMMUNICATION DEVICE AND TELEVISION PROVIDE A 4"x4" RECESSED JUNCTION BOX WITH SINGLE GANG MUD RING. FROM JUNCTION BOX ROUTE 1" EMT CONDUIT INTO CRAWL SPACE BELOW. PROVIDE BUSHING ON EXPOSED END OF CONDUIT.
3. ALL NEW POWER, COMMUNICATION AND LIGHTING BRANCH CIRCUITS SHALL BE ROUTED DOWN NEW / EXISTING WALLS INTO CRAWL SPACE BELOW UNLESS NOTED OTHERWISE DUE TO LIMITED CEILING ACCESS IN SPACE AND ROUTED IN CRAWL SPACE..
4. ALL NEW FIRE ALARM CABLING SHALL BE ROUTED IN NEW SOFFITS BEING CREATED TO INSTALL FIRE SPRINKLER LINES. FROM SOFFIT PROVIDE SURFACE MOUNTED CONDUIT AND BOXES AS REQUIRED TO SERVE NEW FIRE ALARM DETECTION AND NOTIFICATION APPLIANCES.
5. IT IS ACCEPTABLE TO INSTALL SURFACE MOUNTED DEVICES ON EXISTING WALLS SINCE MOST EXISTING WALLS ARE BLOCK. FROM THESE SURFACE MOUNTED DEVICES PROVIDE SURFACE MOUNTED CONDUIT DOWN INTO CRAWL SPACE FOR ROUTING OF BRANCH CIRCUIT TO OTHER DEVICE OR PANELBOARD.

(#) FLAG NOTES:

1. THIS AUTOMATIC DOOR OPENER IS TO BE PRICED AS ALTERNATE #2.
2. PROVIDE SURFACE MOUNTED WATERPROOF JUNCTION BOX FOR INSTALLATION OF DOOR OPENER PUSHBUTTON (INSTALLATION OF PUSH BUTTON BY OTHERS). FROM JUNCTION BOX ROUTE 3/4" EMT CONDUIT UP MULLION TO ABOVE CEILING ELEVATION AND INTO TO BUILDING INTERIOR TO DOOR OPENER CONTROLLER.
3. PROVIDE 120-VOLT POWER CONNECTION TO DOOR OPENER CONTROLLER.

SHERIDAN HEALTH SERVICES

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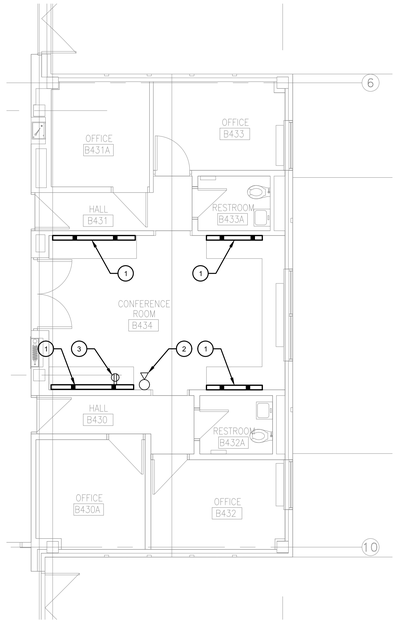
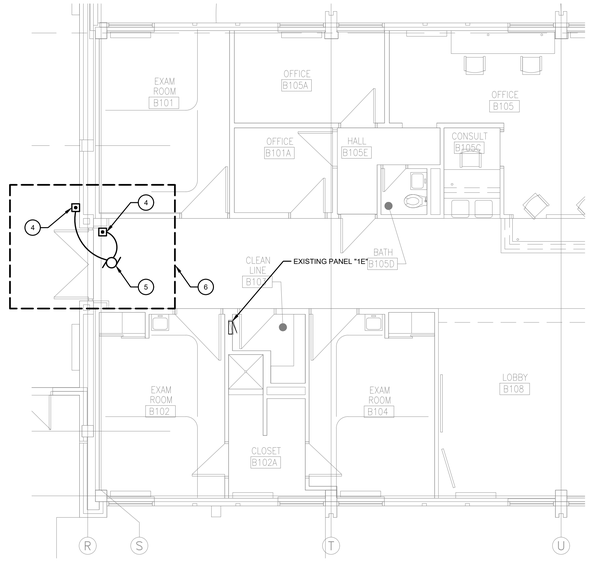
DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

BEHAVIOR HEALTH
ELECTRICAL PLAN
SCALE: AS NOTED

E102



1 OFFICE ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"



2 PRIMARY CARE ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"

FLAG NOTES:

1. WIREMOLD G-4000 SURFACE MOUNTED RACEWAY WITH POWER AND COMMUNICATIONS PROVISIONS TO WORK AREA. FROM SURFACE MOUNTED RACEWAY POWER / COMMUNICATIONS JUNCTION BOX ROUTE CONDUIT SURFACE MOUNTED DOWN WALL THEN DOWN INTO CRAWL SPACE THEN ROUTED IN CRAWLSPACE TO INDICATED PANEL.
2. EXISTING FIRE ALARM NOTIFICATION APPLIANCE TO REMAIN.
3. EXISTING RECEPTACLE TO REMAIN.
4. PROVIDE RECESSED JUNCTION BOX FOR INSTALLATION OF DOOR OPENER PUSHBUTTON (INSTALLATION OF PUSH BUTTON BY OTHERS). FROM JUNCTION BOX ROUTE 3/4" CONDUIT TO DOOR OPENER CONTROLLED.
5. PROVIDE 120-VOLT POWER CONNECTION TO DOOR OPENER CONTROLLER.
6. PROVIDE 120-VOLT POWER CONNECTION TO DOOR OPENER CONTROLLER.

NOTES:

1. THE NUMBERS NEXT TO ELECTRICAL ITEMS INDICATE THE CIRCUIT NUMBER THAT BRANCH CIRCUIT SHALL OCCUPY IN PANEL "1E" UNLESS NOTED OTHERWISE.
2. FOR EACH COMMUNICATION DEVICE AND TELEVISION PROVIDE A 4"x4" RECESSED JUNCTION BOX WITH SINGLE GANG MUD RING. FROM JUNCTION BOX ROUTE 1" EMT CONDUIT INTO CRAWL SPACE BELOW. PROVIDE BUSHING ON EXPOSED END OF CONDUIT.
3. ALL NEW POWER, COMMUNICATION AND LIGHTING BRANCH CIRCUITS SHALL BE ROUTED DOWN NEW / EXISTING WALLS INTO CRAWL SPACE BELOW UNLESS NOTED OTHERWISE DUE TO LIMITED CEILING ACCESS IN SPACE AND ROUTED IN CRAWL SPACE..
4. ALL NEW FIRE ALARM CABLING SHALL BE ROUTED IN NEW SOFFITS BEING CREATED TO INSTALL FIRE SPRINKLER LINES. FROM SOFFIT PROVIDE SURFACE MOUNTED CONDUIT AND BOXES AS REQUIRED TO SERVE NEW FIRE ALARM DETECTION AND NOTIFICATION APPLIANCES.
5. IT IS ACCEPTABLE TO INSTALL SURFACE MOUNTED DEVICES ON EXISTING WALLS SINCE MOST EXISTING WALLS ARE BLOCK. FROM THESE SURFACE MOUNTED DEVICES PROVIDE SURFACE MOUNTED CONDUIT DOWN INTO CRAWL SPACE FOR ROUTING OF BRANCH CIRCUIT TO OTHER DEVICE OR PANELBOARD.

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DATE	DESCRIPTION
09.01.23	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

OFFICE AND PRIMARY CARE ELECTRICAL PLAN
SCALE: AS NOTED

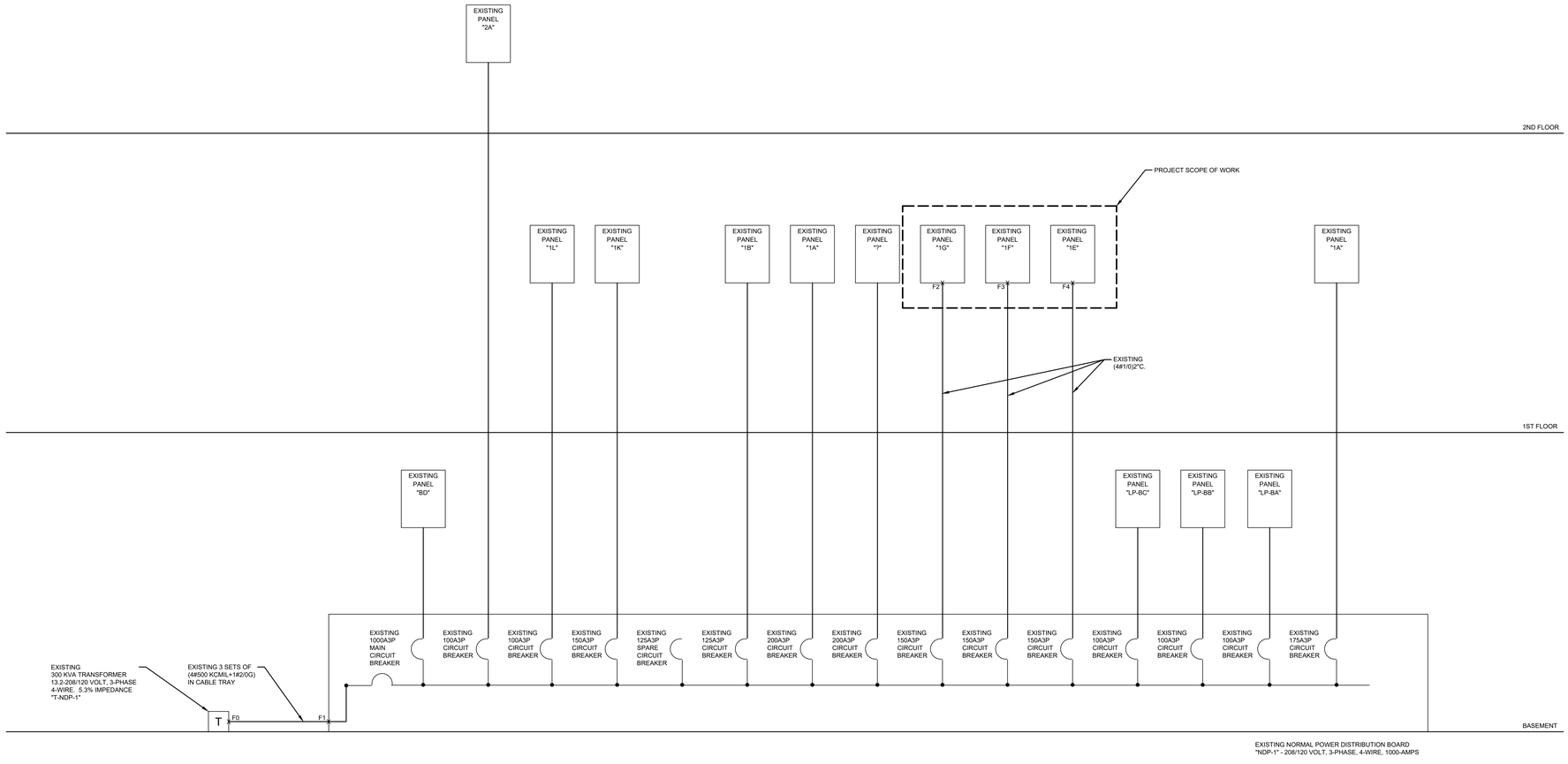
E103

FLAG NOTES:

1. PROVIDE CONDUIT GROUNDING BUSHING ON CONDUIT CONNECTION TO NEW PANEL AND PROVIDE #4 COPPER GROUND CONDUCTOR FROM GROUND LUG ON GROUNDING BUSHING TO PANEL GROUND BUS BAR.

GENERAL NOTES:

1. THE EXISTING INFORMATION INDICATED ON THIS DRAWINGS WAS FROM RECORD DRAWINGS AND IS BELIEVED TO BE CORRECT. IF INFORMATION IS FOUND TO BE INCORRECT NOTIFY PROJECT ENGINEER IMMEDIATELY.



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DATE	DESCRIPTION
09.01.23	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

ELECTRICAL ONE-LINE DIAGRAM
SCALE: AS NOTED

E200

PANEL:	1G
LOCATION:	ELECTRICAL ROOM
MOUNTING:	RECESSED

VOLTAGE:	120/208V, 3PH, 4W
MINIMUM BUS:	225
MAIN:	MLO
MINIMUM AIC:	10,000

NO	LOAD A	LOAD B	LOAD C	TYPE	LOAD DESCRIPTION	BREAKER POLE	BREAKER TRIP	BUS A	BUS B	BUS C	BREAKER TRIP	BREAKER POLE	TYPE	LOAD DESCRIPTION	LOAD A	LOAD B	LOAD C	NO
1	586			L	(E) CORRIDOR LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			2
3		263		L	(N) OFFICE LIGHTING	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		4
5			1080	L	(E) EXAM LTG (1)	1	20			+	20	1	R	(E) RECEPT CIRCUIT (1)			1440	6
7	1080			L	(E) EXAM LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			8
9		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		10
11			1080	L	(E) EXAM LTG (1)	1	20			+	20	1	R	(E) RECEPT CIRCUIT (1)			1440	12
13	1080			L	(E) EXAM LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			14
15		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		16
17			1080	L	(E) EXAM LTG (1)	1	20			+	20	1	R	(E) RECEPT CIRCUIT (1)			1440	18
19	1080			L	(E) EXAM LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			20
21		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		22
23			1800	E	(E) UNIT VENTS (1)	1	20			+	20	1		SPARE				24
25	1800			E	(E) UNIT VENTS (1)	1	20	+						SPACE				26
27		1800		E	(E) UNIT VENTS (1)	1	20		+					SPACE				28
29			500	E	(E) DOOR OPENER (1)	1	20			+	20	1	A	(E) COFFEE (1)			1000	30
31	540			R	(E) LOBBY REC (1)	1	20	+			20	1	A	(E) COFFEE (1)	1000			32
33		1290		R	(E) PHARMACY REC (1)	1	20		+		20	1	A	(E) MICROWAVE (1)		1000		34
35			540	R	(E) PHARMACY REC (1)	1	20			+	20	1	R	(E) OFFICE REC (1)			360	36
37	720			R	(E) PHARMACY REC (1)	1	20	+			20	1	R	(E) OFFICE REC (1)	540			38
39		360		E	(E) PHARMACY REF (1)	1	20		+		20	1	E	(E) FA BOOSTER (1)		100		40
41			360	E	(E) BLOOD DRAW REF (1)	1	20			+	20	1	L	(E) LOBBY LIGHTING (1)			568	42
43	900			R	(E) OFFICE REC (1)	1	20	+			15	1	L	(E) EXTERIOR LTG (1)	160			44
45		360		R	(E) OFFICE REC (1)	1	20		+		15	1		SPARE				46
47			1580	E	(E) COPIER (1)	1	20			+	20	1		SPARE				48
49	540			R	(E) OFFICE REC (1)	1	20	+			20	1		SPARE				50
51					SPARE	1	20		+		20	1		SPARE				52
53		1560		E	(E) COPIER (1)	1	20			+	20	1		SPARE				54

LOAD TYPE	PANEL TOTAL	FEED THRU TOTAL	SUBFEED TOTAL	FEEDER SUBTOTAL	DEMAND	FEEDER TOTAL
(L) LIGHTING	11297			11297	125%	14121
(R) RECEPTACLES	21600			21600	NEC220	15800
(LM) LARGEST MOTOR	0			0	25%	0
(M) MOTORS (ALL)	0			0	100%	0
(E) EQUIPMENT	9940			9940	100%	9940
(A) APPLIANCES	3000			3000	3	2700
				PANEL TOTAL (KVA):		42.6
				PANEL TOTAL (A):		118

GENERAL NOTES:

A. (EXISTING EATON PIA PANELBOARD)

B.

C.

D.

E.

SPECIFIC NOTES:

(1) EXISTING LOAD INFORMATION FROM RECORD DRAWINGS AND FROM SITE OBSERVATION.

PANEL:	1E
LOCATION:	ELECTRICAL ROOM
MOUNTING:	RECESSED

VOLTAGE:	120/208V, 3PH, 4W
MINIMUM BUS:	225
MAIN:	MLO
MINIMUM AIC:	10,000

NO	LOAD A	LOAD B	LOAD C	TYPE	LOAD DESCRIPTION	BREAKER POLE	BREAKER TRIP	BUS A	BUS B	BUS C	BREAKER TRIP	BREAKER POLE	TYPE	LOAD DESCRIPTION	LOAD A	LOAD B	LOAD C	NO
1	586			L	(E) CORRIDOR LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			2
3		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		4
5			1080	L	(E) EXAM LTG (1)	1	20			+	20	1	R	(E) RECEPT CIRCUIT (1)			1440	6
7	1080			L	(E) EXAM LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			8
9		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		10
11			1080	L	(E) EXAM LTG (1)	1	20			+	20	1	R	(E) RECEPT CIRCUIT (1)			1440	12
13	1080			L	(E) EXAM LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			14
15		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		16
17			1080	L	(E) EXAM LTG (1)	1	20			+	20	1	R	(E) RECEPT CIRCUIT (1)			1440	18
19	1080			L	(E) EXAM LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			20
21		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		22
23			1800	E	(E) UNIT VENTS (1)	1	20			+	20	1	A	(E) COFFEE (1)			1000	24
25	1800			E	(E) UNIT VENTS (1)	1	20	+			20	1	A	(E) MICROWAVE (1)	1440			26
27		960		E	(E) UNIT VENTS (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		28
29			960	E	(E) D-3A BACKFLOW (1)	1	20			+	20	1	E	(E) REFRIGERATOR (1)			360	30
31	480			E	(E) D-11C CENT ISLAND (1)	1	20	+			20	1	L	(E) WAITING LTG (1)	325			32
33					SPARE	1	20		+		15	1	L	(E) DENTAL LIGHTS (1)		72		34
35					SPARE	1	20			+	20	1	E	(E) FA BOOSTER (1)			100	36
37	1393			LM	(E) D-26A VAC PUMP (1)	2	20	+			20	1	A	(E) REFRIGERATOR (1)	700			38
39		1393		LM	—				+		20	1	L	(E) EXTERIOR LTG (1)		160		40
41			120	M	(E) D30A H2O VALVE (1)	1	20			+	20	1		SPARE				42
43	180			R	(E) LOBBY TVS (1)	1	20	+			20	1	E	(E) D10 ISLAND CAB (1)	480			44
45		500		E	(E) DOOR OPENER (1)	1	20		+		20	2	M	(E) D-25 AIR COMP (1)		832		46
47			360	R	(E) OFFICE REC (1)	1	20			+			M	—			832	48
49	1580			E	(E) COPIER (1)	1	20	+			20	1		SPARE				50
51		360		R	(E) OFFICE REC (1)	1	20		+		20	1		SPARE				52
53			180	R	(E) COUNTER REC (1)	1	20			+	20	1		SPARE				54

LOAD TYPE	PANEL TOTAL	FEED THRU TOTAL	SUBFEED TOTAL	FEEDER SUBTOTAL	DEMAND	FEEDER TOTAL
(L) LIGHTING	11943			11943	125%	14929
(R) RECEPTACLES	18360			18360	NEC 220	14160
(LM) LARGEST MOTOR	2786			2786	25%	697
(M) MOTORS (ALL)	4570			4570	100%	4570
(E) EQUIPMENT	9890			9890	100%	9890
(A) APPLIANCES	2140			2140	2	2140
				PANEL TOTAL (KVA):		46.4
				PANEL TOTAL (A):		129

GENERAL NOTES:

A. (EXISTING EATON PIA PANELBOARD)

B.

C.

D.

E.

SPECIFIC NOTES:

(1) EXISTING LOAD INFORMATION FROM RECORD DRAWINGS AND FROM SITE OBSERVATION.

PANEL:	(E) 1F
LOCATION:	ELECTRICAL ROOM
MOUNTING:	RECESSED

VOLTAGE:	120/208V, 3PH, 4W
MINIMUM BUS:	225
MAIN:	MLO
MINIMUM AIC:	10,000

NO	LOAD A	LOAD B	LOAD C	TYPE	LOAD DESCRIPTION	BREAKER POLE	BREAKER TRIP	BUS A	BUS B	BUS C	BREAKER TRIP	BREAKER POLE	TYPE	LOAD DESCRIPTION	LOAD A	LOAD B	LOAD C	NO
1	574			L	(E) CORRIDOR LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			2
3		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		4
5			1080	L	(E) EXAM LTG (1)	1	20			+	20	1	R	(E) RECEPT CIRCUIT (1)			1440	6
7	1080			L	(E) EXAM LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			8
9		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		10
11			1080	L	(E) EXAM LTG (1)	1	20			+	20	1	R	(E) RECEPT CIRCUIT (1)			1440	12
13	1080			L	(E) EXAM LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			14
15		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		16
17			1080	L	(E) EXAM LTG (1)	1	20			+	20	1	R	(E) RECEPT CIRCUIT (1)			1440	18
19	1080			L	(E) EXAM LTG (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			20
21		1080		L	(E) EXAM LTG (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		22
23			1800	E	(E) UNIT VENTS (1)	1	20			+	20	1		SPARE				24
25	1800			E	(E) UNIT VENTS (1)	1	20	+			20	1	R	(E) RECEPT CIRCUIT (1)	1440			26
27		1800		E	(E) UNIT VENTS (1)	1	20		+		20	1	R	(E) RECEPT CIRCUIT (1)		1440		28
29					SPARE	1	20			+	20	1		SPARE				30
31					SPARE	1	20	+			20	1		SPARE				32
33					SPARE	1	20		+		20	1		SPARE				34
35					SPARE	1	20			+	20	1		SPARE				36
37					SPARE	1	20	+			20	1		SPARE				38
39					SPARE	1	20		+		20	1		SPARE				40
41		1000	A	(E) DISHWASHER	1	20			+	20	1		SPARE				42
43					SPARE	1	20	+			20	1		SPARE				44
45					SPARE	1	20		+		20	1		SPARE				46
47		160	L	(E) EXTERIOR LIGHTING	1	20			+	20	1		SPARE				48
49					SPARE	1	20	+			20	1		SPARE				50
51					SPARE	1	20		+		20	1		SPARE				52
53					SPARE	1	20			+	20	1		SPARE				54

LOAD TYPE	PANEL TOTAL	FEED THRU TOTAL	SUBFEED TOTAL	FEEDER SUBTOTAL	DEMAND	FEEDER TOTAL
(L) LIGHTING	11534			11534	125%	14418
(R) RECEPTACLES	18720			18720	NEC 220	14360
(LM) LARGEST MOTOR	0			0	25%	0
(M) MOTORS (ALL)	0			0	100%	0
(E) EQUIPMENT	5400			5400	100%	5400
(A) APPLIANCES	1000			1000	1	1000
				PANEL TOTAL (KVA):		35.2
				PANEL TOTAL (A):		98

GENERAL NOTES:

A. (EXISTING EATON PIA PANELBOARD)

B.

C.

D.

E.

SPECIFIC NOTES:

(1) EXISTING LOAD INFORMATION FROM RECORD DRAWINGS AND FROM SITE OBSERVATION.

DENTAL EQUIPMENT SCHEDULE

MARK	DESCRIPTION	VOLT / PHASE	HP / WATTS	AMPS	CONNECTION				FEEDER	CIRCUIT	SPECIFIC NOTES
					HARDWIRED	RECEPTACLE	DISCONNEC.	HEIGHT			
D3A	UTILITY CENTER BACKFLOW PREVENTER	120/1	240 WATTS	2.0	--	NEMA 5-20 (GFCI)	--	ON FLOOR	(2#12+1#12G)3/4"C.		#1
D6A	DENTAL CEILING MOUNTED DENTAL LIGHT	120/1	36 WATTS	0.3	YES	--	SWITCH	CEILING	(2#12+1#12G)3/4"C.		#3

GENERAL NOTES:

A.

B.

SPECIFIC NOTES:

(1) MOUNT 4-PLEX RECEPTACLE WITH BOTTOM OF ELECTRICAL BOX ATTACHED TO FLOOR.

(2) ROUTE BRANCH CIRCUIT UP THROUGH FLOOR AND MAKE ELECTRICAL CONNECTION TO JUNCTION INSIDE BASE OF CABINET.

(3) PROVIDE LINE AND LOAD CONNECTION TO LIGHT FIXTURE LOW VOLTAGE TRANSFORMER PROVIDED WITH LIGHT FIXTURE.

(4) PROVIDE HOSPITAL GRADE RECEPTACLE.

SHORT CIRCUIT CALCULATIONS SUMMARY

POINT	EQUIP.	LENGTH	VOLT	WIRE SIZE	CONDUCTOR MATERIAL	CONDUIT	VOLTAGE CLASS (V)	# OF CABLES (S or T)	C VALUE *	# OF PARALLEL RUNS	Isc AVAILABLE UPSTREAM	f *	M *	Isc (FAULT) *	POINT
F1	NDP-1	20	208	500	C	S	600	S	22,185	3	15,725	0	1	15,130	F1
F2	PANEL 1G	160	208	1X	C	S	600	S	8,924	1	15,130	2	0	4,643	F2
F3	PANEL 1F	200	208	1X	C	S	600	S	8,924	1	15,130	3	0	3,957	F3
F4	PANEL 1E	300	208	1X	C	S	600	S	8,924	1	15,130	4	0	2,890	F4

* AUTOMATICALLY CALCULATED

UTILITY TRANSFORMER SIZE: 300 KVA 5.3% IMPEDANCE

MAXIMUM AVAILABLE (SYMMETRICAL) FAULT AT THE SECONDARY: 15,725 AMPS

SHERIDAN HEALTH SERVICES

SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS

21-107321

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ARCHITECTURAL WORKSHOP . DENVER COLORADO

DATE	DESCRIPTION
09.01.23	DESIGN DEVELOPMENT

DRAWN BY: CG CHECKED BY: JM

PROJECT: 2207SHS INITIAL DATE: TBD

ELECTRICAL SCHEDULES

SCALE: AS NOTED

E201