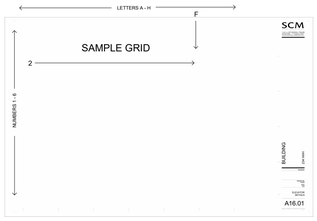
SURGICAL TECH SUITE

NWACC

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CSI CON DOC SYSTEM

PROJECT DRAWINGS ARE LAYED OUT USING THE CSI "CONDOC" SYSTEM.



TYPICAL DRAWING SHEET:

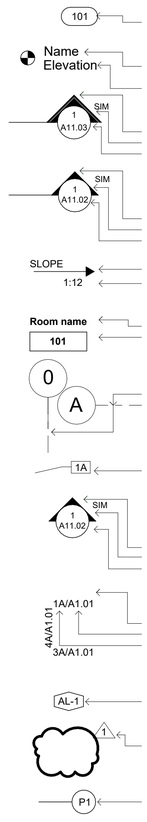
THE DRAWING/DETAIL SHEET IS BORDERED BY NUMBERS AND LETTERS CREATING A GRID. THIS GRID IS USED TO LOCATE AREAS OF THE DRAWING FOR REFERENCE AND PINPOINT DETAILS.

EXAMPLE:
NOTE THE DETAIL SYMBOL ON THE SHEET. ITS LOCATION IS "2F". IN DISCUSSION YOU WOULD SAY "LOOK AT THE DETAIL LOCATED AT "2F" ON SHEET A16.01. THIS NUMBER MAY BE KEYED INTO THE DETAIL SYMBOL AND WOULD READ "2F - A16.01."

ABBREVIATIONS

A.F.F. - ABOVE FINISH FLOOR
ALUM. - ALUMINUM
AS REQ. - AS REQUIRED
BD. - BOARD
BLDG. - BUILDING
BLK. - BLOCK
B.O.C. - BACK OF CURB
B.O.F. - BOTTOM OF FOOTING
CAB - CABINET
CER - CERAMIC
C.J. - CONTROL JOINT
C.L. - CENTER LINE
CLG - CEILING
CLR - CLEAR
CMU - CONCRETE MASONRY UNIT
COL - COLUMN
CONC - CONCRETE
CONT - CONTINUOUS
CORR - CORRIDOR
CPT - CARPET
DBL - DOUBLE
DEMO - DEMOLITION
DIA - DIAMETER
DIM - DIMENSION
DN - DOWN
DS - DOWNSPOUT
DTL - DETAIL
EA - EACH
EIFS - EXT. INSUL. FINISH SYSTEM
EJ - EXPANSION JOINT
ELEC - ELECTRICAL
ELEV - ELEVATION
E.O.S. - EDGE OF SLAB
EQ - EQUAL
EQUIP - EQUIPMENT
EXH - EXHAUST
EXIST - EXISTING
EXT - EXTERIOR
F.E.C. - FIRE EXTINGUISHER CABINET
F.F.E. - FINISH FLOOR ELEVATION
FIN. FL. - FINISH FLOOR
F.O.B. - FACE OF BRICK
F.O.C. - FACE OF CURB
F.O.S. - FACE OF STUD
FTG. - FOOTING
GYP BD - GYPSUM BOARD
GWB - GYPSUM BOARD
HM - HOLLOW METAL
INSUL - INSULATION
INT - INTERIOR
MECH - MECHANICAL
MFR - MANUFACTURER
MISC - MISCELLANEOUS
M.O. - MASONRY OPENING
MTL - METAL
N.I.C. - NOT IN CONTRACT
N.T.S. - NOT TO SCALE
O.C. - ON CENTER
O.H. - OPPOSITE HAND
OPP. - OPPOSITE
PLAM - PLASTIC LAMINATE
PLUMB - PLUMBING
PLYWD - PLYWOOD
PREFIN - PREFINISHED
RAD - RADIUS
RE: - REFERENCE
REINF - REINFORCED
REQ'D - REQUIRED
R.O. - ROUGH OPENING
SAN - SANITARY
SCHED - SCHEDULED
SIM - SIMILAR
S.S. - STAINLESS STEEL
STL - STEEL
STRUCT - STRUCTURAL
SUSP - SUSPENDED
THK - THICK
TYP - TYPICAL
U.N.O. - UNLESS NOTED OTHERWISE
VER - VERIFY
V.I.F. - VERIFY IN FEILD
WD - WOOD

SYMBOLS LEGEND



DOOR TYPE
DOOR MARK (NUMBER)

CONTROL OF DATUM POINT
DESCRIPTION OF POINT
(FIN. FLR, TOP OF PLATE, TOP OF BEAM)
ELEVATION OR POINT

BUILDING SECTION
(See Plans and Building Elevations)
DIRECTION OF VIEW
SECTION LOCATOR/NUMBER
SHEET NUMBER

WALL SECTION
(See Plans and Building Elevations)
DIRECTION OF VIEW
SECTION LOCATOR/NUMBER
SHEET NUMBER

ROOF SLOPE
(See Roof Plans)
DIRECTION OF UPWARD SLOPE
RATIO OF SLOPE

ROOM TAG
(See Plans and Building Sections)
ROOM NAME
ROOM NUMBER

GRID LINES
EXISTING COLUMN
(Letters typ. run Vertical, Numbers typ. run Horizontal)

KEY NOTE
(See Building Elevations, Building Sections, Wall Sections, Detail Views, and the Material Legend)
MATERIAL CALLOUT

BUILDING ELEVATION
(See Plans and Building Elevations)
DIRECTION OF VIEW
ELEVATION LOCATION/NUMBER
SHEET NUMBER

INTERIOR ELEVATION
(See Plans)
DIRECTION OF VIEW
ELEVATION LOCATION/NUMBER
SHEET NUMBER

WINDOW TYPE
WINDOW MARK (LETTER)

REVISION REFERENCE
NUMBER OF REVISION CORRESPONDING TO SECTION IN TITLE BLOCK

PARTITION TYPE
PARTITION MARK (NUMBER)

GENERAL NOTES

****

GENERAL CONTRACT REQUIREMENTS AFFECTING ALL TRADES

IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND EACH OF THE SUBCONTRACTORS TO REVIEW ALL DRAWINGS TO ENSURE COORDINATION OF ALL WORK AFFECTING EACH TRADE.

****

1. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION TO COORDINATE THE SITING OF NEW UTILITIES AND NEW BUILDING INSTALLATION WITH EXISTING UTILITIES, EXISTING BUILDING LOCATIONS AND SITE ITEMS TO REMAIN.

2. CONTRACTOR TO COORDINATE STORAGE AND STAGING AREAS WITH OWNER'S REPRESENTATIVE TO AVOID INTERFERENCE WITH OWNER'S USE OF EXISTING BUILDINGS, PARKING AREAS, AND GROUNDS.

3. PROVIDE SECURITY, BARRIERS AND FACILITIES TO PROTECT WORK AND STORED MATERIAL FROM UNAUTHORIZED ENTRY, VANDALISM OR THEFT.

4. CONDITION AND USE OF THE JOB SITE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. JOB SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY FASHION. DEBRIS AND TRASH FOR ALL TRADES AND SUBCONTRACTORS UNDER GENERAL CONTRACTOR CONTROL AND FOR THOSE UNDER DIRECT CONTRACT WITH THE OWNER SHALL BE REMOVED DAILY.

5. GENERAL CONTRACTOR SHALL COORDINATE DELIVERIES, INSPECTIONS, AND SITE VISITS FOR ALL TRADES AND SUBCONTRACTORS AS REQUIRED.

6. THE CONTRACTOR IS REQUIRED TO PROTECT ALL SITE ITEMS IN THE AREAS ADJACENT TO THE PROJECT CONSTRUCTION WORK AS NECESSARY TO PREVENT DAMAGE. CONTRACTOR TO BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ITEMS DAMAGED DURING CONSTRUCTION.

7. FINAL CLEANING AT SUBSTANTIAL COMPLETION SHALL INCLUDE BUT NOT TO BE LIMITED TO CLEANING OF ALL SURFACES AFFECTED BY THE WORK OF THE CONTRACT AND REMOVAL OF ANY SPOTS, STAINS, SPILLS, ETC. ON ANY SURFACES CAUSED BY CONSTRUCTION ACTIVITIES AND INCURRED DURING THE CONSTRUCTION PERIOD.

8. ALL PRODUCTS USED ON THIS PROJECT THAT ARE USED IN CONJUNCTION WITH EACH OTHER OR ADJACENT TO EACH OTHER ARE REQUIRED TO BE COMPATIBLE.

9. OWNER RETAINS THE RIGHT TO LET OTHER CONTRACTS IN CONNECTION WITH THE PROJECT WORK. GENERAL CONTRACTOR SHALL PROPERLY COOPERATE, COORDINATE AND INTERFACE CONSTRUCTION SCHEDULE WITH ANY SUCH CONTRACTORS/VENDORS, ETC.

10. CONTRACTOR IS RESPONSIBLE FOR SEALING AND PROTECTING ALL PENETRATIONS THROUGH PARTITIONS, FLOORS, CEILINGS, AND ROOF ELEMENTS BOTH NEW AND EXISTING IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES TO THE SATISFACTION OF THE BUILDING OFFICIAL.

11. CONTRACTOR SHALL INSTALL GYPSUM CONTROL JOINTS IN CEILINGS OR WALLS WHERE INDICATED ON THE CONSTRUCTION DRAWINGS OR AS RECOMMENDED BY GYPSUM BOARD MANUFACTURER NOT TO EXCEED 30'-0" RUNS MAX. COORDINATE ALL JOINT LOCATIONS NOT INDICATED WITH ARCHITECT FOR EXACT LOCATIONS TO BE INSTALLED.

12. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE MECHANICAL, PLUMBING, AND ELECTRICAL REQUIREMENTS TO COORDINATE COMPLETE AND ACCURATE INSTALLATION WITH THE CONSTRAINTS OF THE NEW BUILDING CONSTRUCTION FOR ROUTING OF UTILITIES IN A NEAT AND ORDERLY MANNER. IF A DISCREPANCY OCCURS WITH THE NEW BUILDING STRUCTURE AND INSTALLATION REQUIREMENTS THE CONTRACTOR SHALL NOTIFY THE ARCHITECT TO RESOLVE ANY ROUTING ISSUES.

13. REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS AND TYPES OF CEILINGS. SEE SPECIFICATIONS FOR SPECIFIED ITEM TO BE INSTALLED ON WALLS, CEILINGS AND FLOOR.

PROJECT CONTACTS

CONTACT COORDINATOR: (OWNER)

OWNER:

NWACC
BENTONVILLE, ARKANSAS

DAN PRUIT
Assistant Director of Operations
479-619-2282
dpruit@nwacc.edu

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(501) 224-3055

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SENIOR PROJECT ARCHITECT:
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PLUMBING ENGINEER
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ELECTRICAL ENGINEER
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GLogan@enfrasolutions.com

VICINITY MAP



LOCATION MAP



INDEX OF DRAWINGS

GENERAL
T1.01 COMBINED COVER AND INDEX SHEET
T1.04 ADA STANDARDS

ARCHITECTURAL
A1.01 FLOOR PLANS AND DETAILS
A1.02 ELEVATIONS, SECTIONS AND DETAILS
A1.03 DOOR SCHEDULE, ELEVATIONS, AND DETAILS

MECHANICAL
M001 SCHEDULES AND LEGEND - HVAC
M101 SECOND FLOOR PLAN - DUCTWORK DEMOLITION AND NEW

PLUMBING
P001 LEGENDS, NOTES AND SCHEDULES - PLUMBING
P202 SECOND FLOOR PLAN - PLUMBING DEMOLITION AND NEW
P501 DETAILS AND RISERS - PLUMBING

FIRE PROTECTION
F001 GENERAL NOTES, DETAILS, AND FLOOR PLAN - FIRE PROTECTION
F301 DETAILS - FIRE PROTECTION

ELECTRICAL
E001 SCHEDULES, LEGENDS AND GENERAL NOTES - ELECTRICAL
E101 SECOND FLOOR PLAN - LIGHTING DEMOLITION AND NEW
E201 SECOND FLOOR PLAN - POWER DEMOLITION AND NEW
E301 SECOND FLOOR PLAN - SYSTEMS DEMOLITIONAND NEW

BUILDING CODE INFORMATION

OCCUPANCY CLASSIFICATION: **(B) BUSINESS**

TYPE OF CONSTRUCTION: II-B-SPRINKLERED

ALLOWANCES

ALLOWANCES: SEE SPECIFICATION 01 20 00 ALLOWANCES

1. THE CONTRACTOR SHALL PROVIDE AN ALLOWANCE FOR THE PURCHASE, DELIVERY AND SETUP OF (2) TWO REFURBISHED HOSPITAL TABLES.
2. THE CONTRACTOR SHALL PROVIDE AN ALLOWANCE FOR THE REPAIR OF SURGICAL LIGHTS, WIRING, AND CONTROLS.
3. THE CONTRACTOR SHALL PROVIDE AN ALLOWANCE FOR THE DESIGN AND INSTALLATION OF A STAND ALONE CCTV SYSTEM

10/26/2026

REGISTERED ARCHITECT
SCM ARCHITECTS
No.C-87
ARKANSAS
10-26-26

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS

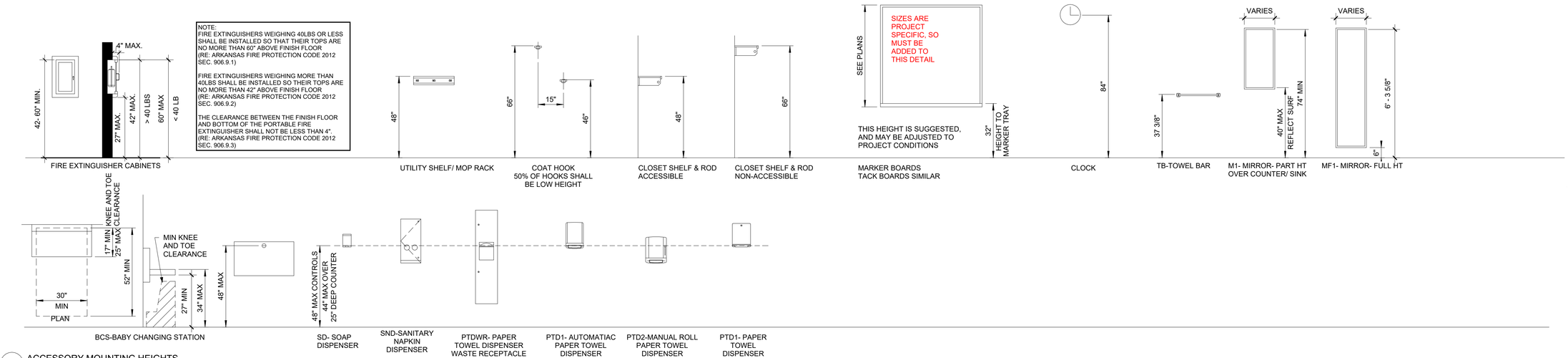
BRADLEY A. PLACE

DATE: 10-26-2026

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T1.01

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H ACCESSORY MOUNTING HEIGHTS

SCALE: 3/8" = 1'-0"

1. 48" MAX HEIGHT IS FOR UNOBSTRUCTED FORWARD REACH. 2. ALL OF AN OPERABLE PART IS TO BE WITHIN MOUNTING HEIGHT. 3. FOR SURFACE MOUNTED ACCESSORIES AND RECESSED ACCESSORIES PROJECTING MORE THAN 1/4" MAX, COORDINATE CLEARANCE AROUND GRAB BARS. SEE DETAIL G. 4. RECESSED FIXTURES SHOULD NOT BE LOCATED IN FIRE RATED PARTITIONS.

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REGISTERED ARCHITECT SCM ARCHITECTS No.C-87 ARKANSAS 10/26/26

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REVISIONS:

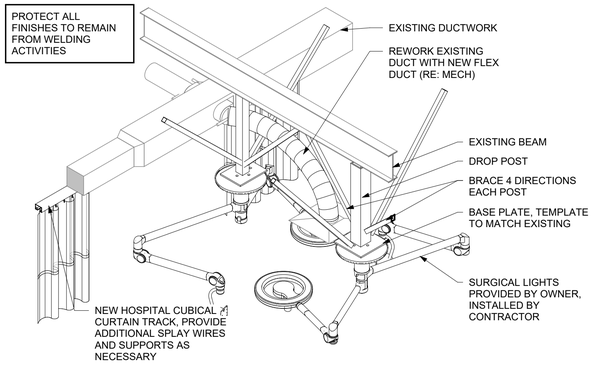
PROJECT NO.
26053
DATE:
10/26/2026

ADA STANDARDS

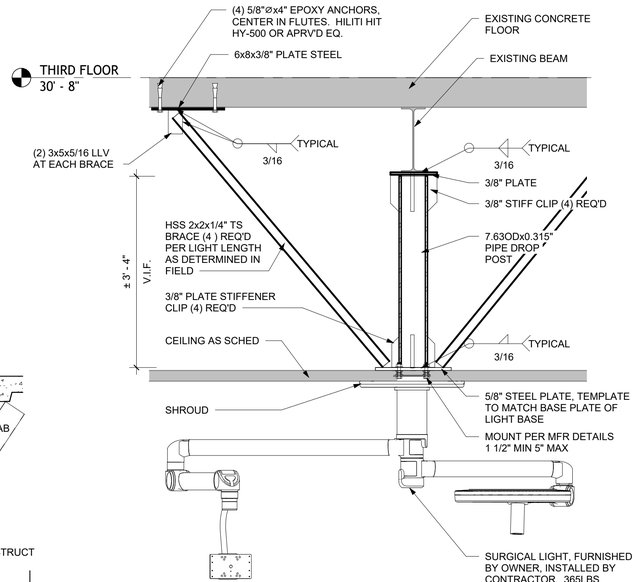
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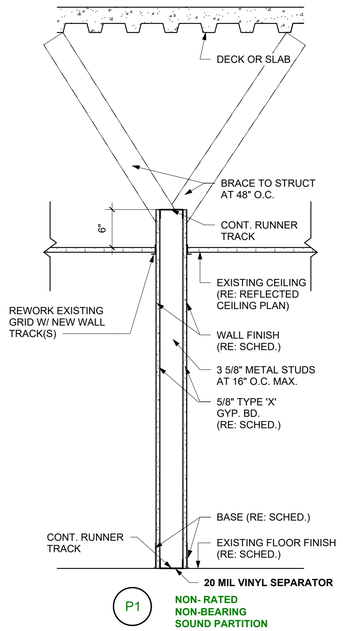
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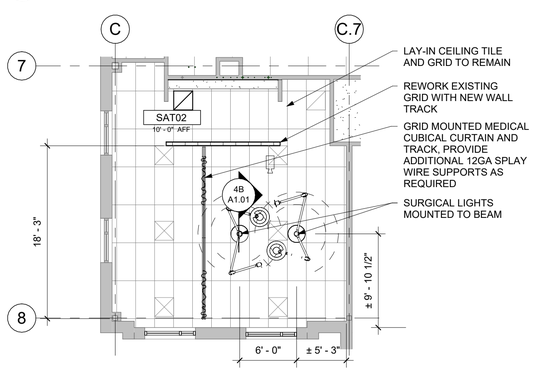
1B LIGHT ISOMETRIC



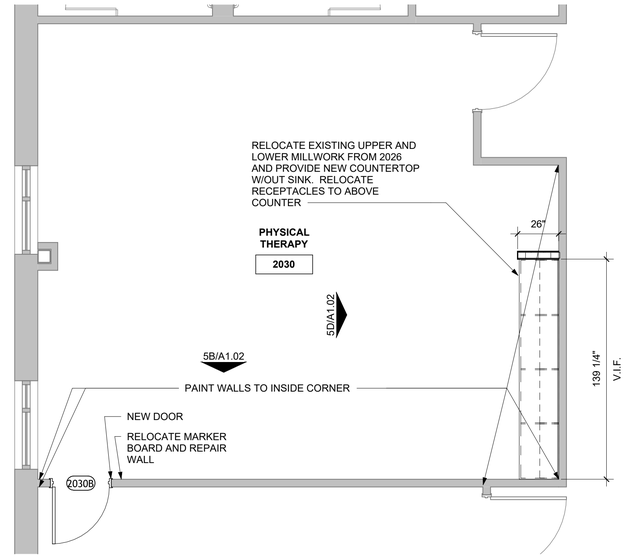
4B LIGHT SUPPORT
3/4" = 1'-0"



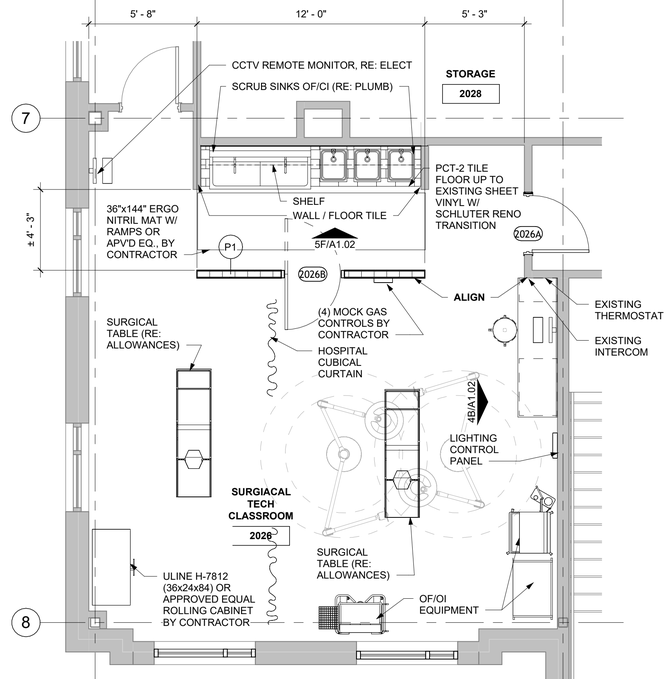
5A PARTITION (METAL)
1" = 1'-0"



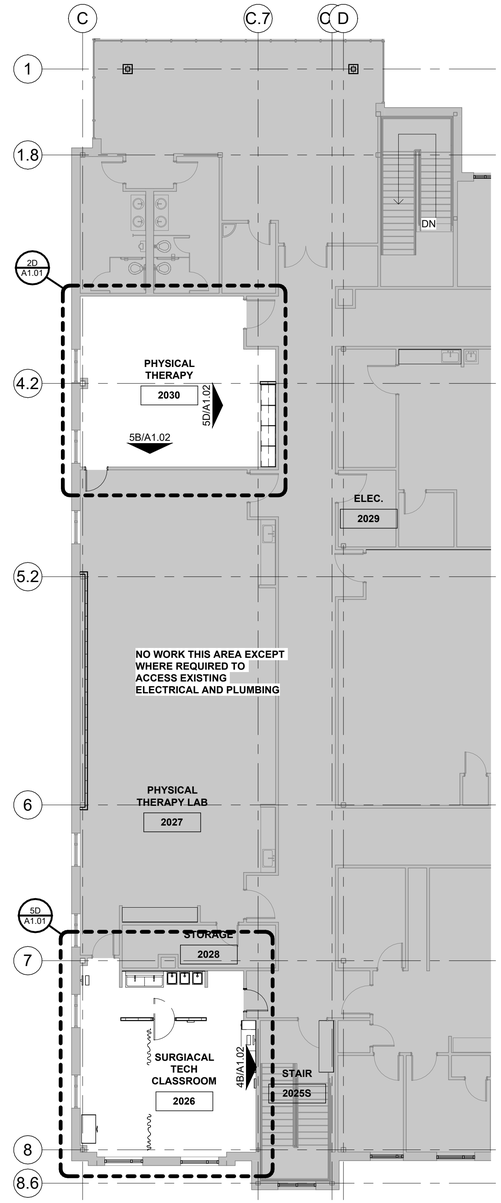
5B 02 REFLECTED CEILING PLAN - SURGICAL TECH
1/8" = 1'-0"



2D NEW PHYSICAL THERAPY CLASSROOM
1/4" = 1'-0"



5D NEW SURGICAL TECH SUITE
1/4" = 1'-0"



5G 02 SECOND FLOOR
3/32" = 1'-0"

GENERAL NOTES

1. DIMENSIONS FROM EXISTING WALLS ARE FROM FACE OF FINISH.
2. FIELD VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPENCY.
3. SURGICAL SUITE IS A SIMULATION AND NOT INTENDED TO PERFORM AS AN OPERATION ROOM THAT PROVIDES SURGICAL SERVICES.
4. LIGHTING MAY REQUIRE REWIRING OF UNIT FROM LAMP TO TRANSFORMER AND FROM TRANSFORMER TO CONTROLLER.
5. STAINLESS STEEL SHELF WILL REQUIRE MODIFICATION (SHORTER LENGTH) TO FIT IN SPACE PROVIDED.
6. BUILDING WILL BE OCCUPIED DURING CONSTRUCTION. LIMIT DEMOLITION WORK TO HOURS OUTSIDE OF REGULAR CLASSES OR TESTING.

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1201 SE EAGLE WAY, BENTONVILLE, AR 72712

REVISIONS:

PROJECT NO.
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DATE:
10/26/2026

FLOOR PLANS AND DETAILS

A1.01

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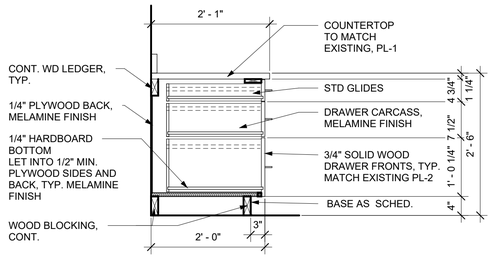
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INTERIOR FINISH SCHEDULE

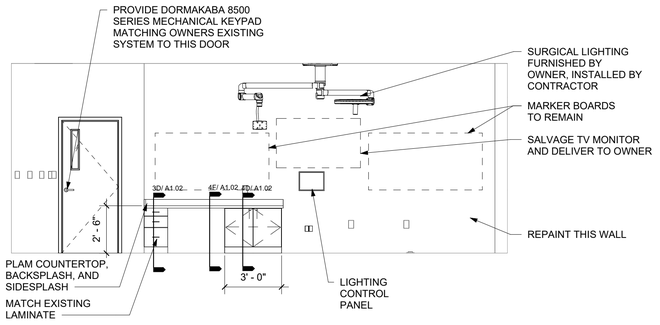
Key Name	LOCATION	TYPE	MANUFACTURER	PRODUCT INFORMATION	FINISH	NOTES
FLOOR FINISH						
PCT-2	AT SINK FLOOR	FLOOR TILE	AMERICAN OLEAN	COLLECTION: COLOR STORYFLOOR; 12x12 TILE, COLOR TBD FROM FULL RANGE | GROUT: LATICRETE SPECTRALOCK PRO-PREMIUM EPOXY FROM STANDARD RANGE | TRIM: SCHLUTER RENO RAMP		WHERE MILLWORK IS REMOVED AT SINK INSTALL TILE ON FLOOR BELOW SINKS WITH COVE BASE
FLOOR BASE						
RB-1	THROUGHOUT	RUBBER BASE	ROPPE	COILED RUBBER COVE BASE 193 BLACK BROWN 4" BASE WITH PRE-MANUFACTURED CORNER PIECES		
WALL FINISH						
PCT-1	WET WALLS	PORCELIN WALL TILE	AMERICAN OLEAN	COLLECTION: COLOR STORY WALL 3x6 SUBWAY TILE, COLOR TBD FROM FULL RANGE | GROUT: LATICRETE SPECTRALOCK PRO-PREMIUM EPOXY FROM STANDARD RANGE | TRIM: SCHLUTER JOLLY		
PT-1	THROUGHOUT	LATEX ENAMEL	SHERWIN WILLIAMS	MATCH EXISTING ADJACENT WALL FINISH		
CEILING FINISH						
EXISTING	THROUGHOUT					REWORK EXISTING TO REMAIN
SURFACE FINISH						
PL-1	COUNTERTOPS	PLASTIC LAMINATE	NEVAMAR	HPL COUNTER, BACKSPLASH, SITE SPLASH TO BE PR2002, PAPIER AU LAIT - SUEDE FINISH	SUEDE	MATCH EXISTING
PL-2	MILLWORK FACES	PLASTIC LAMINATE	NEVAMAR	HPL CABINET FACINGS, TOE KICKS, SIDE PLATES, OPEN SHELVES, DRAWER FRONTS AND SIDES/BACKS TO BE VU600IT ADAPTABLE MUSE, SUEDE FINISH	SUEDE	MATCH EXISTING
MISCELLANEOUS						

CUSTOM MILLWORK NOTES - PAINTED FINISH

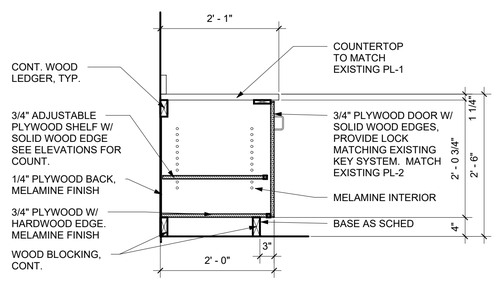
1. ALLOW A 3/4" SPACE BETWEEN WALL & END OF CABINET.
2. FILL IN SPACE WITH SCRIBE FLUSH TO WALL.
3. BACKSPLASH TO BE 3/4" THICK AND 4 INCHES HIGH.
4. LIP OF LAMINATE TOP TO OVERHANG 3/4" THE FACE OF THE DRAWERS/DOORS.
5. TOLERANCE OF 1/8" GAP BETWEEN ALL OPERABLE DRAWERS AND DOORS AND BETWEEN TOP AND DOOR/DRAWER FACE.
6. COUNTERTOPS, UNLESS OTHERWISE NOTED, SHALL BE 1/16" THICK LAMINATE ON 1 LAYER OF 3/4" THK. 7 LAYER PLYWOOD AS NOTED.
7. SHELVES INSIDE CABINETS SHALL BE 3/4" THICK VENEER PLYWOOD WITH A SOLID WOOD EDGE.
8. MILLWORK BACKBOARD SHALL BE 1/2" THK. PLYWOOD.
9. DRAWERS FRONTS TO BE 3/4" THK. SOLID WOOD ATTACHED TO DRAWER BOX MADE FROM 1/2" THK. SOLID WOOD SIDES & FRONT W/ 1/4" THICK HARDBOARD LET INTO FRONT, SIDES AND BACK.
10. COUNTERTOPS, UNLESS OTHERWISE NOTED, SHALL HAVE 4" HIGH BACKSPLASHES SCRIBED TO CONFORM TO SURFACE OF ABUTTING WALLS AT BACK AND ENDS AND SECURED TO WALLS AND COUNTER WITHOUT EXPOSED FASTENERS.
11. PROVIDE END CLOSURES OF FINISH CONSTRUCTION AND SCRIBE TO ADJACENT WALLS. PROVIDE CLOSURE PANELS CLOSELY FITTED TO UNDER- COUNTER EQUIPMENT. SEAL ALL CRACKS ON INTERIOR AND EXTERIOR OF CABINETS, INCLUDING RETURN ABOVE KICKBOARD INSECT TIGHT. ADJOINING PIECES OF MILLWORK SHALL BE TIGHTLY FITTED TOGETHER WITHOUT SPACERS.
12. FABRICATOR TO VERIFY DIMENSIONS OF SPACES BEFORE BEGINNING WORK.
13. MILLWORK SHALL BE MANUFACTURED IN ACCORDANCE WITH ARCHITECTURAL WOODWORK INSTITUTE CUSTOM GRADE SPECIFICATIONS. MANUFACTURER TO BE APPROVED BY THE ARCHITECT.
14. COORDINATE MILLWORK FABRICATION WITH EQUIPMENT TO BE INSTALLED IN MILLWORK AND UNDER COUNTERS.
15. SEE SPECIFICATIONS FOR HARDWARE REQUIRED FOR HINGES, PULLS, LOCKS, GROMMETS, AND SHELVING SUPPORTS.
16. ALL EXPOSED WOOD TO BE COVERED WITH PLASTIC LAMINATE UNLESS OTHER WISE NOTED.
17. PROTECT EXISTING MILLWORK TO BE REINSTALLED. COUNTER TOP WILL BE REPLACED.
18. ALL CONCEALED WOOD TO BE COVERED WITH MELAMINE INCLUDING BUT NOT LIMITED TO BOTTOM SIDE OF COUNTERTOPS, DRAWER CARCASSES, INSIDE CABINETS, AND DRAWER BOTTOMS.



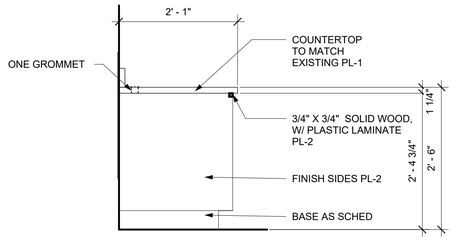
3D DESK HEIGHT - 3 DRAWERS
3/4" = 1'-0"



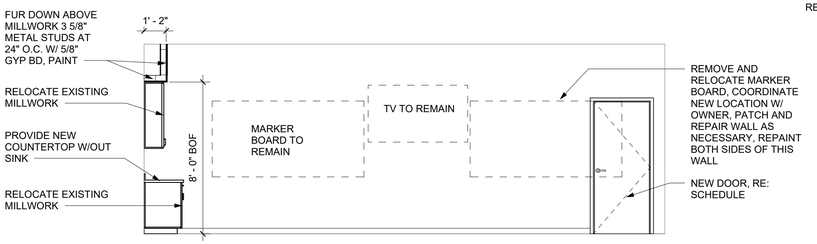
4B ROOM 2026 - NEW MILLWORK
1/4" = 1'-0"



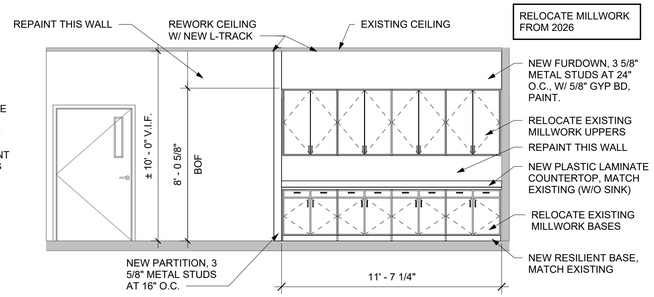
4D DESK HEIGHT CABINET- DOOR W/ ADJ. SHELF
3/4" = 1'-0"



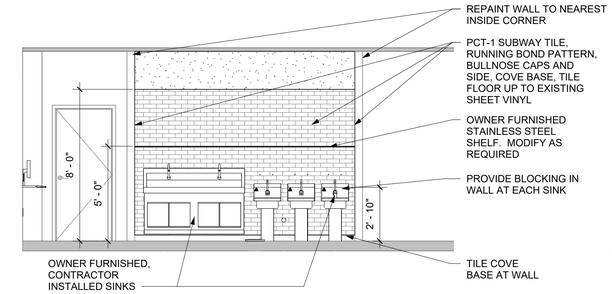
4F DESK HEIGHT OPEN COUNTER
3/4" = 1'-0"



5B ROOM 2030 - NEW DOOR
1/4" = 1'-0"



5D ROOM 2030 - NEW MILLWORK
1/4" = 1'-0"



5F ROOM 2026 - SURGICAL TECH SUITE
1/4" = 1'-0"

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ARKANSAS
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NWACC
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PROJECT NO.
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DATE:
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ELEVATIONS, SECTIONS AND DETAILS

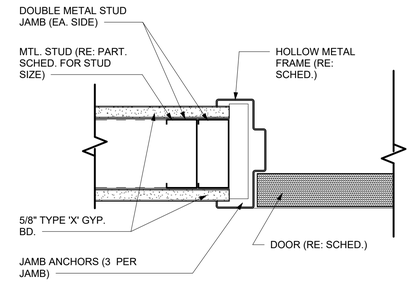
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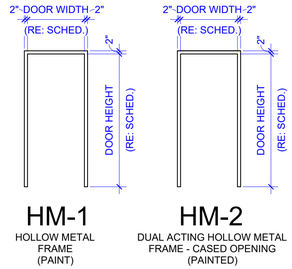
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DOOR SCHEDULE														
DOOR		DOOR					FRAME						HARDWARE	
		SIZE												
MARK	Type Mark	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	MATERIAL	TYPE	FINISH	HEAD	JAMB		SET NO.	COMMENTS
2026A	EXISTING	3' - 0"	7' - 0"	0' - 1 3/4"	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING				1	ADD DORMAKABA KEYPAD
2026B	B	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	HM	HM-2	PAINT	2G/A1.03	1G/A1.03		2	DUAL ACTING DOOR
2030B	A	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	HM	HM-1	PAINT	2G/A1.03	1G/A1.03		3	MATCH KEYING

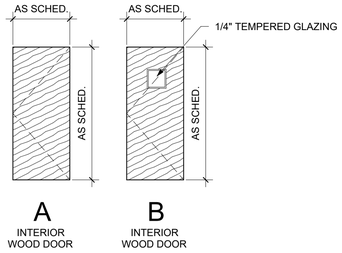
NOTES:
1. MATCH EXISTING STAIN, FRAME COLOR, HARDWARE FINISH, AND KEY SYSTEM
2. DUAL ACTING DOOR TO MATCH STAIN COLOR OF EXISTING



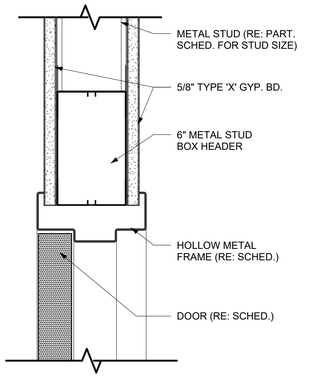
1G INTERIOR JAMB DETAIL
3" = 1'-0"



DOOR FRAME ELEVATIONS
1/4" = 1'-0"



DOOR ELEVATIONS
1/4" = 1'-0"



2G INTERIOR HEAD DETAIL
3" = 1'-0"

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DOOR SCHEDULE, ELEVATIONS, AND DETAILS

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HVAC GENERAL NOTES

1. REFER TO GENERAL NOTES ON DRAWING FOR ADDITIONAL REQUIREMENTS.
2. ALL HVAC WORK TO BE PER SMACNA AND ALL APPLICABLE CODES.
3. ALL DUCTS SHALL BE MOUNTED AS HIGH AS POSSIBLE AGAINST THE BOTTOM OF JOISTS EXCEPT AS REQUIRED TO AVOID CONFLICTS WITH INTERSECTION DUCTS. DIAGONALLY OFFSET DUCTS IMMEDIATELY BEFORE AND AFTER PASSING UNDER INTERSECTING DUCTS OR LARGE STRUCTURAL MEMBERS TO MAINTAIN DUCT TIGHT TO STRUCTURE.
4. CONNECTIONS TO FLEX DUCT SHALL BE SMOOTH ON AIRFLOW SIDE.
5. PROVIDE STREAMLINE TAP AND MANUAL BALANCING DAMPER AT EACH CONNECTION OF ROUND BRANCH DUCTS TO A RECTANGULAR DUCT. DAMPERS SHALL BE ACCESSIBLE TO ALLOW FOR REQUIRED BALANCING.
6. SUPPLY DUCTS SHALL BE EXTERNALLY INSULATED WITH FIBERGLASS INSULATION UNLESS OTHERWISE SHOWN. DUCT SIZES SHOWN ON PLANS INDICATE FREE AREA REQUIRED IN DUCTS. ADJUST DUCT SIZES FOR LINER WHERE APPLICABLE OR WHERE SHOWN. SEE SPECIFICATIONS FOR INSULATION TYPE AND STANDARDS.
7. INSTALL NEW FILTERS AT THE COMPLETION OF CONSTRUCTION. USE ONE SET OF FILTERS DURING CONSTRUCTION. INSTALL FINAL SET PRIOR TO TEST AND BALANCE.
8. BALANCE AIR SYSTEM TO PROVIDE INDICATED AIR FLOWS. SEE SPECIFICATIONS FOR OTHER TEST AND BALANCE REQUIREMENTS. SUBMIT FINAL BALANCE OF AIR AND WATER SYSTEMS (FLOW AND TEMPERATURE) FOR REVIEW.
9. MECHANICAL CONTRACTOR (MC) SHALL COORDINATE AND VERIFY THE FOLLOWING WITH THE ELECTRICAL CONTRACTOR (EC) PRIOR TO BID:
   A. DISCONNECTS: WHERE NOT FURNISHED WITH EQUIPMENT: FURNISHED BY EC, INSTALLED BY EC. WHERE FURNISHED WITH EQUIPMENT: FURNISHED BY MC, INSTALLED BY EC.
10. COORDINATE FINAL PLACEMENT OF ALL THERMOSTATS WITH OWNER AND ENGINEER. ANY THERMOSTAT THAT IS REQUIRED TO BE MOUNTED ON AN EXTERIOR WALL SHALL BE MOUNTED ON AN INSULATED PAD.

RENOVATION GENERAL NOTES

1. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
2. REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.
3. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FULL COORDINATION OF PROJECT INCLUDING THE EQUIPMENT AND INSTALLATION OF THE MECHANICAL WORK.
4. CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.
5. THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE PRODUCTS (SEE SCHEDULES), THE SELECTION OF WHICH HAS INFLUENCED THE DESIGNS OF OTHER TRADES (ELECTRICAL,STRUCTURAL, ETC.). IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS SUBMITTED, IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR AND ALL HIS SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE SUBSTITUTION SHALL BE INCLUDED.
6. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSTITUTIONS WHICH ARE INSTALLED AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY THE OWNER AND/OR ENGINEER, WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
7. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.
8. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
9. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
10. UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM.
11. EXACT LOCATIONS OF ALL EQUIPMENT, DUCTS, DIFFUSERS, ETC. SHALL BE COORDINATED WITH OTHER TRADES. SLOPED PIPING (PLUMBING), LIGHTING, AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL DIFFUSER LOCATIONS.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION ALL WORK WITH THAT OF OTHER TRADES. REFER TO ARCHITECTURAL, ELECTRICAL, AND OTHER DRAWINGS FOR COMPLETE INFORMATION PRIOR TO BID.
13. NO OTHER TRADES, I.E., ELECTRICAL, CEILING, PLUMBING, ETC., SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM DUCTWORK OR PIPING.
14. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.

ONE LINE PIPE SYMBOLS

—TWS—	SUPPLY FROM TOWER
—TWR—	RETURN TO TOWER
—HWS—	HEATING WATER SUPPLY
—HWR—	HEATING WATER RETURN
—DHWS—	DISTRICT HEATING WATER SUPPLY
—DHWR—	DISTRICT HEATING WATER RETURN
—CHS—	CHILLED WATER SUPPLY
—CHR—	CHILLED WATER RETURN
—DCHS—	DISTRICT CHILLED WATER SUPPLY
—DCHR—	DISTRICT CHILLED WATER RETURN
—SCHS—	SECONDARY CHILLED WATER SUPPLY
—SCHR—	SECONDARY CHILLED WATER RETURN
—D—	CONDENSATE DRAIN
—S12—	STEAM SUPPLY (PRESSURE NOTED)
—SR12—	STEAM RETURN (PRESSURE NOTED)
—PSR—	PUMPED STEAM RETURN
—BFW—	BOILER FEEDWATER
	BALL VALVE
	BUTTERFLY VALVE (LEVER HANDLE)
	BUTTERFLY VALVE (GEAR OPERATOR)
	GATE VALVE
	OS & Y GATE VALVE
	GLOBE VALVE
	CHECK VALVE (SWING CHECK)
	CHECK VALVE (BUTTERFLY CHECK)
	PRESSURE REDUCING VALVE
	FLOW LIMITING VALVE
	CALIBRATED BALANCING VALVE
	VALVE AT RISER
	STRAINER W/ DRAIN VALVE
	UNION
	AIR TERMINAL / FAN COIL UNIT/HOT WATER RETURN CONTROL VALVE (2-WAY) ELECTRIC OR ELECTRONIC
	AIR TERMINAL / FAN COIL UNIT CONTROL VALVE (3-WAY) ELECTRIC OR ELECTRONIC
	CONTROL VALVE (2-WAY) ELECTRIC OR ELECTRONIC
	CONTROL VALVE (3-WAY) ELECTRIC OR ELECTRONIC

ONE LINE PIPE SYMBOLS

	CONTROL VALVE (3-WAY) ELECTRIC OR ELECTRONIC
	CONTROL VALVE (2-WAY) PNEUMATIC
	CONTROL VALVE (3-WAY) PNEUMATIC
	EMERGENCY SHUT-OFF VALVE WITH FUSIBLE LINK
	FLEXIBLE PIPE CONNECTOR
	METAL BELLOWS PUMP CONNECTOR
H	AIR VENT (A - AUTO, H - HAND)
	PRESSURE AND TEMPERATURE TAP
	PRESSURE GAUGE
	PRESSURE GAUGE W/ SIPHON
	THERMOMETER W/ INSERTION WELL
	ANCHOR
	PIPE GUIDE
	FLANGE
	ELBOW, TURNED UP
	ELBOW, TURNED DOWN
	RISE OR DROP IN PIPE
	ELBOW
	TEE, SIDE CONNECTION
	TEE, OUTLET UP
	TEE, OUTLET DOWN
	CAPPED OUTLET
	CAPPED PIPE
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	STEAM TRAP (DRIP LEG)
	STEAM TRAP
	DIRECTION OF PITCH
TFD	PIPE TO FLOOR DRAIN
EMS	ENERGY MANAGEMENT SYSTEM INSERTION WELL

TWO LINE PIPE SYMBOLS

	ELBOW - FLANGED LONG RADIUS 45°
	ELBOW - FLANGED LONG RADIUS 90°
	ELBOW - WELDED LONG RADIUS 45°
	ELBOW - WELDED LONG RADIUS 90°
	END CAP
	FLANGES - SLIP ON
	FLANGES - WELD NECK
	REDUCERS - FLANGED CONCENTRIC
	REDUCERS - FLANGED ECCENTRIC
	REDUCERS - WELDED CONCENTRIC
	REDUCERS - WELDED ECCENTRIC
	TEE - FLANGED
	TEE - WELDED
	BUTTERFLY VALVE - LEVER OPERATOR
	BUTTERFLY VALVE - WORM GEAR OPERATOR
M	BUTTERFLY VALVE - ACTUATOR
	CHECK VALVE - SWING CHECK
	CHECK VALVE - SILENT OR WAFER
	GATE VALVE - NON RISING STEM
	GATE VALVE - OUTSIDE STEM AND YOKE
	GLOBE VALVE
	STRAINER - Y
	STRAINER - BASKET
	SUCTION DIFFUSER
	FLEXIBLE CONNECTORS

DUCTWORK SYMBOLS

T	THERMOSTAT
	THERMOSTAT WIRING
H	HUMIDISTAT
TS	TEMPERATURE SENSOR
FM	GPM FLUID FLOW METER
SA	SUPPLY AIR DUCT
RA	RETURN AIR DUCT
EA	EXHAUST AIR DUCT
CFM	CUBIC FEET PER MINUTE
EMS	ENERGY MANAGEMENT SYSTEM
ATC	AUTOMATIC TEMP CONTROLS
CO2	CARBON DIOXIDE
PPM	PARTS PER MILLION
ø	ROUND DIAMETER
	FLAT OVAL (MAJOR/MINOR)
	SHORT (1x) RADIUS ELL (RECTANGULAR OR ROUND) CENTERLINE RADIUS = 1d
	LONG (1.5x) RADIUS ELL (ROUND OR OVAL) CENTERLINE RADIUS = 1.5d
	SQUARE ELL
	ELL WITH TURNING VANES
	STREAMLINE TAP (RECTANGULAR)
ø	STREAMLINE TAP (ROUND)
ø	CONICAL TAP
	STRAIGHT TAP
	LATERAL TAP
	MANUAL VOLUME DAMPER
M	MOTORIZED VOLUME DAMPER
FD	FIRE DAMPER (FD)
FD	VERTICAL FIRE DAMPER (FD)
S	SMOKE DAMPER
S FD/S	COMBINATION FIRE / SMOKE DAMPER (FD/S)
20/12	RECTANGULAR DUCT (WIDTH/DEPTH)
	ROUND DUCT OFFSET
RISE	CHANGE IN ELEVATION (RISE, FALL)
	FLEXIBLE DUCT
	SUPPLY DUCT UP
	RETURN DUCT UP
	EXHAUST DUCT UP
	SUPPLY DUCT DOWN
	RETURN DUCT DOWN
	EXHAUST DUCT DOWN
	CEILING DIFFUSER
	RETURN AIR GRILLE
	EXHAUST AIR GRILLE
AP	ACCESS PANEL
AP	ACCESS PANEL IN ROUND OR OVAL DUCT
X -X - 000	TYPE - THROW - AIRFLOW
X- 000	TYPE - AIRFLOW

DUCT CLASSIFICATION SCHEDULE

DESCRIPTION	DUCT PRESSURE CLASS	SMACNA MINIMUM SEAL CLASS	SMACNA LEAKAGE CLASS	SMACNA DUCT CLEANLINESS LEVEL	DUCT LEAKAGE TEST
SUPPLY AIR - RECTANGULAR					
BETWEEN AHU AND AIR TERMINAL UNIT	+4"	A	4	C	REQUIRED
BETWEEN AIR TERMINAL UNIT AND DIFFUSER	+1"	A	4	C	NOT-REQUIRED
SUPPLY AIR - ROUND/FLAT OVAL					
BETWEEN AHU AND AIR TERMINAL UNIT	+4"	A	2	C	REQUIRED
BETWEEN AIR TERMINAL UNIT AND DIFFUSER	+2"	A	2	C	NOT-REQUIRED
SUPPLY AIR - FLEXIBLE					
BETWEEN AHU AND AIR TERMINAL UNIT	+10"	NA	NA	C	REQUIRED
BETWEEN AIR TERMINAL UNIT AND DIFFUSER	+10"	NA	NA	C	REQUIRED
MEDIUM PRESSURE EXHAUST - RECTANGULAR	-4"	A	4	C	REQUIRED
MEDIUM PRESSURE EXHAUST - ROUND	-4"	A	2	C	REQUIRED
RETURN/EXHAUST/OUTSIDE - RECTANGULAR	-2"	B	4	C	NOT-REQUIRED
RETURN/EXHAUST/OUTSIDE - ROUND	-2"	B	2	C	NOT-REQUIRED
RETURN/EXHAUST/OUTSIDE - FLEXIBLE	-2"	NA	NA	C	NOT-REQUIRED

NOTE: 28 AND 30 GAUGE SHEET METAL PROHIBITED

DEMOLITION AND RENOVATION SYMBOLS

	EQUIPMENT TO BE REMOVED
	EXISTING EQUIPMENT TO REMAIN
	NEW EQUIPMENT
	POINT OF CONNECTION TO EXISTING
	TERMINATION OF DEMOLITION
- - - -	DUCT TO BE REMOVED
	EXISTING DUCT TO REMAIN
	NEW DUCT
- - - -	PIPING TO BE REMOVED
	EXISTING PIPING TO REMAIN
	NEW PIPING

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 24633
ANDREW T. SCHNEIDER
10/16/26

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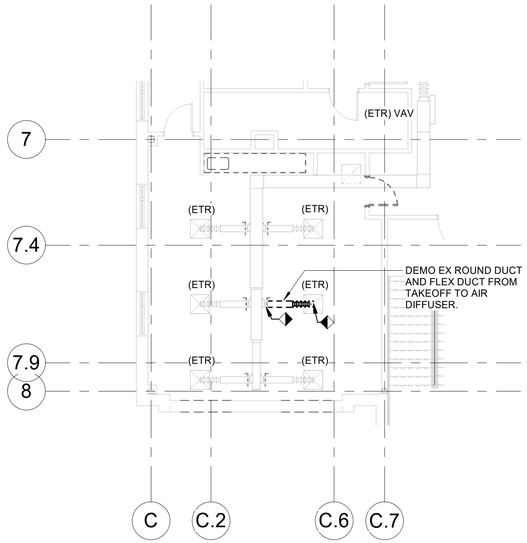
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SCHEDULES AND LEGEND - HVAC

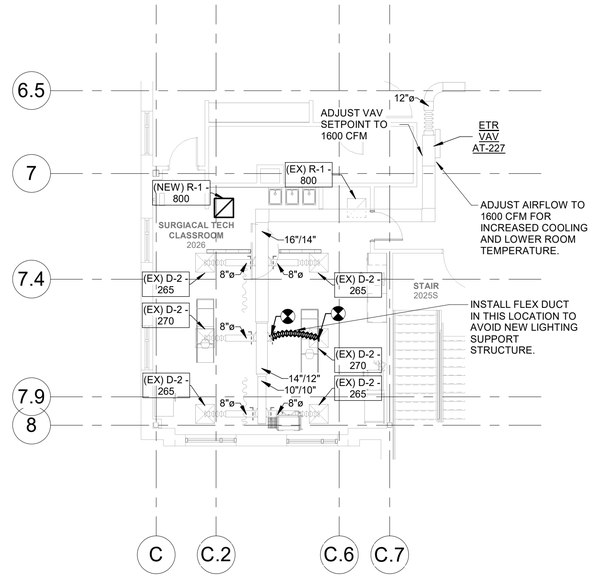
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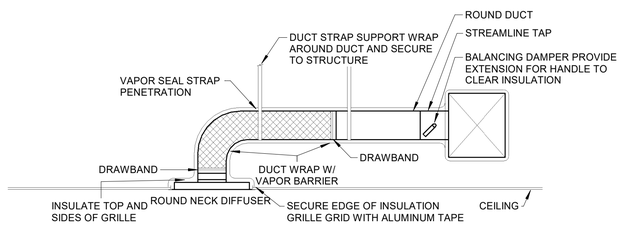
1 02 SECOND FLOOR - SURGICAL TECH SUITE - HVAC DUCTWORK DEMO
1/8" = 1'-0"



2 02 SECOND FLOOR - SURGICAL TECH SUITE - HVAC DUCTWORK
1/8" = 1'-0"

NOTE:

FLEXIBLE DUCT CONNECTIONS SHALL BE INSTALLED TO ADC STANDARDS AND SEALED TO UL STANDARDS PER IMC 603 AND 604. AS A MINIMUM, THE CONTRACTOR SHALL SECURE THE FLEXIBLE DUCT TO GRILLE AND METAL DUCT WITH DRAWBANDS, AND WRAP 3" WIDE ALUMINUM TAPE EQUAL TO HARDCAST "FOIL GRIP" AROUND DRAWBAND AND EXPOSED END OF FLEXIBLE DUCT INSULATION.



3 DIFFUSER CONNECTION TO ROUND DUCT
NOT TO SCALE

AIR DISTRIBUTION DEVICES

Grille Designation	MODEL	MAXIMUM AIRFLOW	TOTAL PRESSURE	NECK SIZE	PANEL SIZE	MAX N.C.	REMARKS
(NEW) R-1	TITUS 50F	2000 CFM	0.03 in-wg	22" X 22"	24" X 24"	20	1

1. MATCH EXISTING RETURN GRILLE FINISH

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SECOND FLOOR PLAN - DUCTWORK DEMOLITION AND NEW

M101

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ABBREVIATIONS

A

A, AMPS	AMPERES
A/C	AIR CONDITIONING
AC	ALTERNATING CURRENT
ADJ	ADJUSTABLE
AF	AMPERE FUSE
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CURRENT
AL	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ARCH	ARCHITECT, ARCHITECTURAL
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE

B

BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE (EARTH)
BFS	BELOW FLOOR SLAB
BKR	BREAKER
BLDG	BUILDING

C

C	CONDUIT
CATV	CABLE TELEVISION SYSTEM
CCTV	CLOSED CIRCUIT TELEVISION
C.I.	CUBIC INCHES
CKT	CIRCUIT
CL	CENTERLINE
CLG	CEILING
COORD	COORDINATE
CSA	COLOR SELECTED BY ARCHITECT
CU, C/U	COPPER, CONDENSING UNIT

D

DC	DIRECT CURRENT
DDC	HVAC DIGITAL CONTROL PANEL
DEMO, DEMO'D	DEMOLISH, DEMOLISHED
DIA	DIAMETER
DISC. SW., D/S	DISCONNECT SWITCH
DN	DOWN
DWG	DRAWING

E

EA	EACH
EC	ELECTRICAL CONTRACTOR
EF, EXH FAN	EXHAUST FAN
ELEC	ELECTRICAL
EM	EMERGENCY FIXTURE
ENCL	ENCLOSURE
EPO	EMERGENCY POWER OFF
EQUIP	EQUIPMENT
ETR	EXISTING EQUIPMENT TO REMAIN
EWC	ELECTRICAL WATER COOLER

F

FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FD	FIRE DAMPER
FEP	HVAC FIELD EQUIP RELAY PANEL
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE
FM	FACTORY MUTUAL

G

G, GND, GRD	GROUND
GA	GAUGE
GALV	GALVANIZED
GENSET	GENERATOR SET
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER

H

HP	HORSEPOWER
HR, HRS	HOUR, HOURS
HSD	HOUSE SIDE OPTICS
HTR	HEATER
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HZ	HERTZ

I

ID	INSIDE DIAMETER
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS
IES	ILLUMINATING ENGINEERING SOCIETY
IG	ISOLATED GROUND

J

J-BOX	JUNCTION BOX

K

KAIC	1000 AMPS INTERUPTING CURRENT
KCML	1000 CIRCULAR MILS
KO	KNOCKOUT
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
KWH	KILOWATT-HOUR

L

LF	LINEAR FEET
LRA	LOCKED ROTOR AMPS
LV	LOW VOLTAGE

M

MAX	MAXIMUM
MCA	MINUMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MD	MOTORIZED DAMPER
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MFGR, MANUF.	MANUFACTURER
MLO	MAIN LUGS ONLY
MIN	MINUTE, MINIMUM
MOCP, MOCPD	MAX. OVERCURRENT PROTECTIVE DEVICE
MTD	MOUNTED

N

N.	NEUTRAL
N.C.	NORMALLY CLOSED
N.L.	NIGHT LIGHT (FIXTURE ON 24 HRS)
N.T.S	NOT TO SCALE
N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRIC MANUFACTURER'S ASSOCIATION
N/F	NON-FUSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT

O

O.C.	ON CENTER
OD	OUTSIDE DIAMETER

P

PF	POWER FACTOR
PH, Ø	PHASE
PLBG	PLUMBING
PNL	PANEL
PVC	POLYVINYL CHLORIDE

Q

QTY	QUANTITY

R

RCP	REFLECTED CEILING PLAN
RE:, REF	REFERENCE, REFER
REQD	REQUIRED
REV	REVISED, REVISION, REVISE
RGS	RIGID GALVANIZED STEEL
RLA	RUNNING LOAD AMPS
RM	ROOM
RTU	ROOF TOP UNIT

S

SDBC	SOFT-DRAWN BARE COPPER
SE	SERVICE ENTRANCE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATIONS
SQ. FT., S.F.	SQUARE FEET
SS	STAINLESS STEEL
STD	STANDARD
SURF	SURFACE
SUSP	SUSPEND
SW	SWITCH

T

TELECOM	TELECOMMUNICATIONS
TGB	TELECOM GROUNDING BUSBAR
TGMB	TELECOM GROUNDING MAIN BUSBAR
THD	TOTAL HARMONIC DISTORTION
THRU	THROUGH
TYP	TYPICAL

U

U/F	UNDERFLOOR
U/G	UNDERGROUND
UGE	UNDERGROUND ELECTRIC
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES, INC.
UON, UNO	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY

V

V	VOLT
VA	VOLT-AMPERE
VFD	VARIABLE FREQUENCY DRIVE

W

W	WATT, WIDTH
W/	WITH
W/O	WITHOUT
WH	WATER HEATER
WP	WEATHER-PROOF

X

XFMR	TRANSFORMER
XSTG	EXISTING

NOTE: REFER TO INDUSTRY STANDARDS, APPLICABLE CODES, AND PLAN DOCUMENTS OF ALL DISCIPLINES FOR MORE INFORMATION ON ABBREVIATIONS AND NOMENCLATURE.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	LINEAR LIGHT FIXTURE - CEILING MOUNTED		DUPLEX RECEPTACLE	S	SINGLE POLE SWITCH
	NARROW LINEAR LIGHT FIXTURE		DUPLEX RECEPTACLE - MOUNT RECEPTACLE ABOVE COUNTERTOP. REFER TO ARCHITECTURAL ELEVATIONS		BRANCH CIRCUIT HOMERUN - PANEL & CIRCUIT NUMBER INDICATED
	SURFACE MOUNTED PANELBOARD	GFI/WP	DUPLEX RECEPTACLE - GROUND FAULT INTERRUPTING AND WEATHER PROOF WHILE IN USE	AFF AFG WP	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE WEATHER PROOF
	PAD MOUNTED DRY TYPE TRANSFORMER		QUADRAPLEX RECEPTACLE	+ * ER	INDICATES PARTIAL CIRCUIT. CIRCUIT IS CONTINUED ELSEWHERE ON SHEET DASHED INDICATES EXISTING RELOCATED
	PAD MOUNTED ELECTRICAL EQUIPMENT		DUPLEX RECEPTACLE - FLUSH MOUNTED IN CEILING	AC NS WG	ABOVE COUNTER NON-SWITCHED WIRE GUARD
			DUPLEX RECEPTACLE - FLUSH MOUNTED CAST FLOOR BOX		
		J	JUNCTION BOX		
			MOTOR CONNECTION		

GENERAL NOTES

1. EACH CIRCUIT SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR, AND MULTI-WIRE CIRCUITS OF DIFFERENT PHASES MAY SHARE EQUIPMENT GROUND CONDUCTOR. EQUIPMENT GROUND CONDCUTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
2. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER, AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER UNLESS BOLTED LUGS AT TERMINALS.
3. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED.
4. ALL WIRING DEVICES SHALL BE INSTALLED PLUMB, SQUARE, AND TRUE; AND ALL DEVICES INSTALLED AT A SINGLE LOCATION SHALL BE ALIGNED.
5. MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE SPECIFIED.
6. ALL WORK SHALL COMPLY WITH THE 2026 EDITION OF THE NATIONAL ELECTRICAL CODE.
7. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL ELEVATIONS AND MILLWORK DETAILS FOR EXACT LOCATIONS OF ALL WIRING DEVICES.
8. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL LAY-IN LIGHT FIXTURES.
9. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING ALL SWITCHES, RECEPTACLES, AND FIXED EQUIPMENT WITH THE BRANCH CIRCUIT PANEL NAME AND NUMBER SERVING EACH DEVICE.
10. ALL CONDUIT SHALL BE INSTALLED AS HIGH AS POSSIBLE (MOUNT TO BOTTOM OF STRUCTURE) TO AVOID CONFLICTS WITH DUCTWORK AND PIPING. THE ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION WITH THE MECHANICAL CONTRACTOR.
11. ON THREE PHASE, FOUR WIRE SYSTEMS, DO NOT USE A COMMON NEUTRAL. MORE THAN THREE CIRCUITS IN ANY ONE CONDUIT IS NOT ALLOWED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

ELECTRICAL DEMOLITION NOTES

1. ALL SALVAGEABLE ITEMS SUCH AS LIGHT FIXTURES, ETC THAT ARE NOT TO BE REUSED SHALL BE TURNED OVER TO THE OWNER.
2. REFER TO ARCHITECTURAL PLANS FOR GENERAL DEMOLITION ITEMS SUCH AS CEILINGS, WALLS, ETC.
3. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AS TO CONSTRUCTION SCHEDULING, SERVICE INTERRUPTIONS, AND ACCESS TO WORK AREAS.
4. ALL EXISTING BRANCH CIRCUITS NOT USED SHALL BE REMOVED BACK TO PANEL. THE CIRCUIT BREAKERS SHALL BE LABELED AS SPARE, AND EXISTING CONDUIT SHALL REMAIN FROM PANEL TO ABOVE ACCESSIBLE CEILING SPACE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION IN AREAS OF RENOVATION. ALL WIRING DEVICES, LIGHT FIXTURES, WIRE, AND CONDUIT THAT IS TO BE REMOVED SHALL BE STORED, AS DIRECTED BY THE OWNER, OR RELOCATED AS SHOWN ON THE NEW FLOOR PLAN. APPROPRIATE MEASURES SHALL BE TAKEN TO ASSURE CONTINUITY OF EXISTING CIRCUITS WHERE REQUIRED, AND ALL OUTAGES WHICH MAY RESULT SHALL BE COORDINATED WITH THE OWNER PRIOR TO THE WORK.
6. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING SCHEDULES IN ALL ELECTRICAL PANELS THAT ARE AFFECTED BY THIS WORK. UPDATED SCHEDULES ARE TO BE TYPEWRITTEN.

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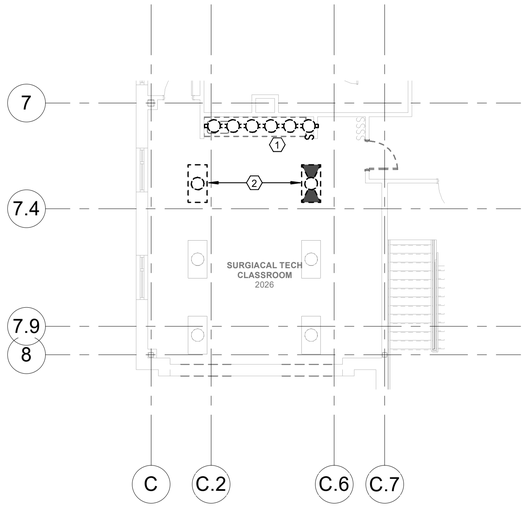
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SCHEDULES, LEGENDS AND GENERAL NOTES - ELECTRICAL

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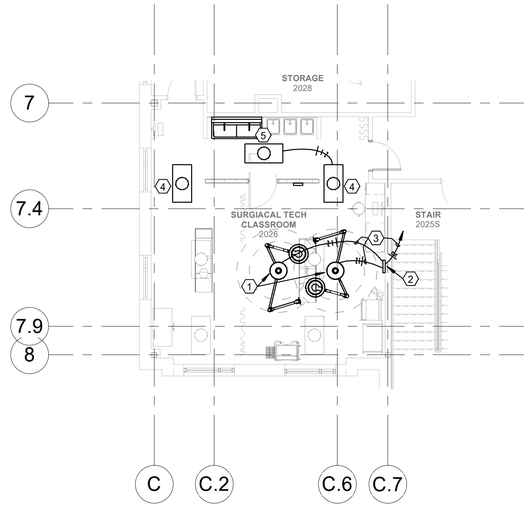
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1 02 SECOND FLOOR - SURGICAL TECH SUITE - LIGHTING DEMO
1/8" = 1'-0"

DEMO LIGHTING KEYED NOTES

1. DEMO UNDER CABINET LIGHTING, SWITCH, AND CIRCUITRY BACK TO NEAREST JUNCTION BOX THAT REMAINS.
2. EXISTING LIGHT FIXTURE TO BE RELOCATED BY 2', ADJACENT TO EXISTING LOCATION. REFER TO NEW WORK LIGHTING PLAN.



2 02 SECOND FLOOR - SURGICAL TECH SUITE - LIGHTING - NEW WORK
1/8" = 1'-0"

NEW WORK-LIGHTING KEYED NOTES

1. INSTALL OWNER PROVIDED MEDICAL LIGHTS. CEILING MOUNTED - 2 TOTAL.
2. INSTALL OWNER PROVIDED MEDICAL LIGHT WALL CONTROLLER RECESSED IN WALL - 2 - TOTAL.
3. EXTEND EXISTING 120V CIRCUIT FROM DEMOLISHED COUNTER RECEPTACLES (E201/1) TO (L2N1-28) MEDICAL LIGHT WALL CONTROLLERS. CONNECT EXISTING OWNER PROVIDED SO CORDS FROM CONTROLLERS TO LIGHTS. 1 CORD EACH FROM EACH CONTROLLER TO 1 LIGHT.
4. SHIFT EXISTING FIXTURE OVER 2' AS SHOWN. ADJUST/EXTEND CIRCUITRY AS REQUIRED.
5. NEW LIGHT FIXTURE TO MATCH EXISTING. CONNECT TO AND CONTROL WITH EXISTING ADJACENT FIXTURE. FIXTURE EQUAL TO LEADALITE 332401 STT-232.

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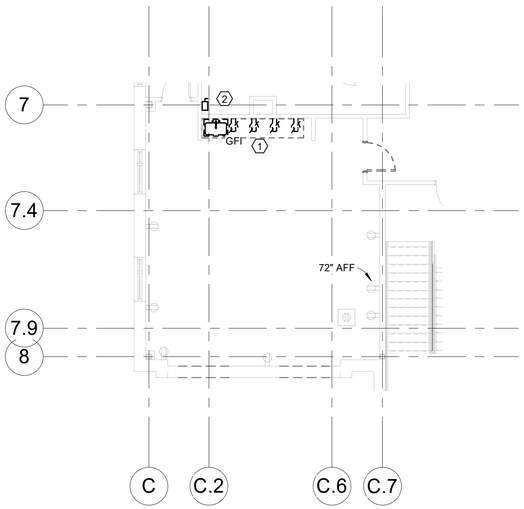
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SECOND FLOOR PLAN - LIGHTING DEMOLITION AND NEW

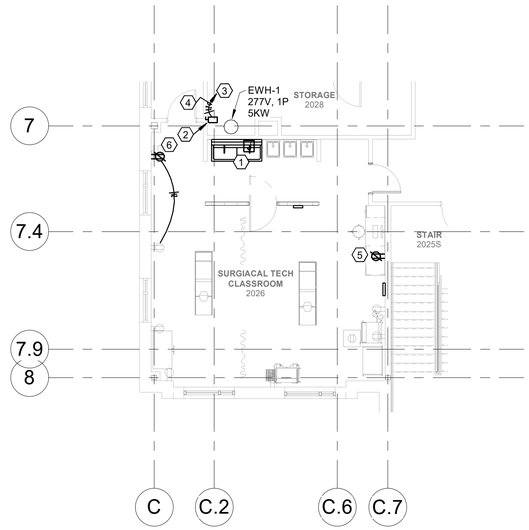
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1 02 SECOND FLOOR - SURGICAL TECH SUITE - POWER DEMO
1/8" = 1'-0"



2 02 SECOND FLOOR - SURGICAL TECH SUITE - POWER - NEW WORK
1/8" = 1'-0"

DEMO POWER KEYED NOTES

1. DEMO EXISTING RECEPTACLE CIRCUIT (L2N1-28) BACK TO CEILING SPACE. IDENTIFY AND RETAIN FOR USE ON NEW CEILING MEDICAL LIGHTS. REFER TO E101/2.
2. LOCATE AND IDENTIFY EXISTING 20A, 480V, 3P CIRCUIT (H2S1-32, 34, 36) FOR REMOVED INSTANTANEOUS WATER HEATER. CIRCUIT BREAKER AND CONDUCTORS SERVING EXISTING WATER HEATER TO BE REMOVED. CONDUIT TO REMAIN IN PLACE TO SERVE NEW WATER HEATER, REFER TO NEW WORK PLANS, DETAIL 2 THIS SHEET.

NEW WORK-POWER KEYED NOTES

1. PROVIDE 120V POWER FROM EXISTING RECEPTACLE CIRCUIT (L2N1-30) FOR SCRUB SINK AUTO FAUCET. EXISTING CIRCUIT LOCATED COMMON WALL WITH STORAGE 263.
2. 30A, 1P, DISCONNECT FOR NEW WATER HEATER.
3. PROVIDE AND INSTALL NEW 1-POLE, 25A CIRCUIT BREAKER IN PANEL H2S1 IN PLACE OF EXISTING 3-POLE CIRCUIT BREAKER THAT FED EXISTING WATER HEATER THAT IS TO BE REPLACED. ALSO PROVIDE (2) 1-POLE FILLERS TO COVER UN-USED CIRCUIT SPACE IN PANEL H2S1 AFTER REMOVING 3-POLE BREAKER. PROVIDE NEW PANEL SCHEDULE IN PANEL TO REFLECT CHANGES.
4. PROVIDE AND INSTALL (2) #10 AWG CU & (1) #10 AWG CU GRND IN EXISTING CONDUIT TO FEED EWH-1. EXTEND CONDUIT AS NECESSARY TO NEW WATER HEATER LOCATION.
5. RELOCATE EXISTING RECEPTACLE TO ABOVE COUNTER HEIGHT- 42" AFF. EXTEND CIRCUIT AS REQUIRED.

   Add ABOVE COUNTER RECEPTACLE- 42" AFF FOR CCTV MONITOR. CONNECT NEW DEVICE TO EXISTING RECEPTACLE CIRCUIT AS INDICATED.

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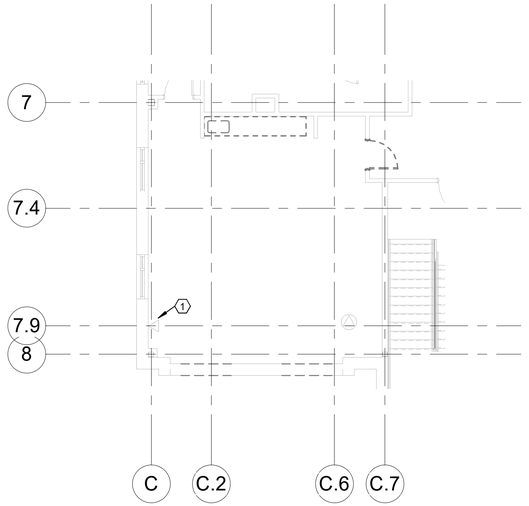
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SECOND FLOOR PLAN - POWER DEMOLITION AND NEW

E201

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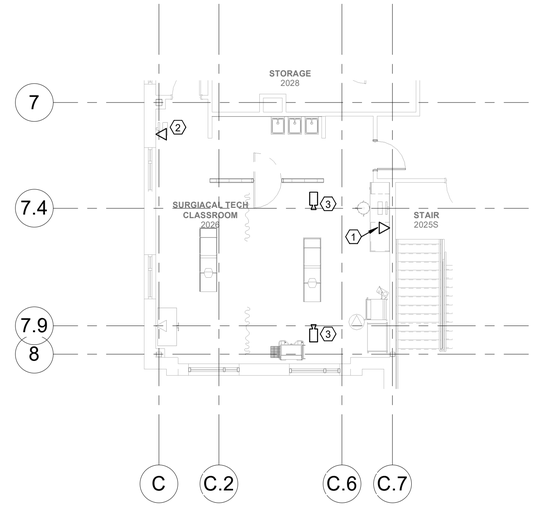
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1 02 SECOND FLOOR - SURGICAL TECH SUITE - SYSTEMS DEMO
1/8" = 1'-0"

DEMO SYSTEMS KEYED NOTES

1. EXISTING DATA LOCATION WITH 2 DATA DROPS-1 DROP REMAINS, 1 DROP RELOCATES. REFER TO DETAIL #2 ON THIS SHEET.



2 02 SECOND FLOOR - SURGICAL TECH SUITE - SYSTEMS - NEW WORK
1/8" = 1'-0"

NEW WORK SYSTEMS KEYED NOTES

1. RELOCATE 1 EXISTING DATA DROP FROM ACROSS THE ROOM TO THIS NEW LOCATION. PROVIDE AND INSTALL NEW BOX, JACK & FACE PLATE AT 18" AFF. EXTEND EXISTING CABLE TO NEW LOCATION AS INDICATED.
2. NEW DATA DROP AT 42" AFF FOR CCTV EQUIPMENT. SOURCE DATA DROP FROM DATA ROOM LOCATED DOWN THE HALL TO THE EAST AT RESTROOM ENTRANCE.
3. NEW CEILING MOUNTED CAMERAS BY OTHERS AS PART OF MEDICAL CCTV SYSTEM. PROVIDE DATA AND/OR COMMUNICATION CABLING AS REQUIRED FROM EACH CAMERA TO CCTV MONITOR LOCATION. EC TO PROVIDE ALL ROUGH IN BOXES AND CONDUIT AS REQUIRED FOR INSTALLATION OF SYSTEM. VERIFY ALL REQUIREMENTS WITH SYSTEM INSTALLER.

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SECOND FLOOR PLAN - SYSTEMS DEMOLITIONAND NEW

E301

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WATER HAMMER ARRESTOR SCHEDULE

P.D.I. UNITS	A	B	C	D	E	F
FIXTURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330

CLASSIFICATIONS ESTABLISHED BY THE PLUMBING AND DRAINAGE INSTITUTE "STANDARD P.D.I.-WH201". INSTALL WATER PIPING TO ASME B31.9. CLOSED COPPER TUBE CHAMBER WITH PERMANENTLY SEALED 410 kPa (60PSIG) AIR CHARGE ABOVE A DOUBLE O-RING PISTON. TWO HIGH HEAT BUNA-N O-RINGS PRESSURE PACKED AND LUBRICATED WITH FDA APPROVED SILICONE COMPOUND. ALL UNITS SHALL BE DESIGNED IN ACCORDANCE WITH ASSE 1010 FOR SEALED WALL INSTALLATIONS WITHOUT AN ACCESS PANEL. SIZE AND INSTALL IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS. UNIT SHALL BE AS MANUFACTURED BY PRECISION PLUMBING PRODUCTS, INC, WATTS, OR SIOUX CHIEF. PROVIDE WATER HAMMERS AT ALL SOLENOID VALVES, ALL GROUPS OR TWO OR MORE FLUSH VALVES, ALL QUICK OPENING OR CLOSING VALVES, AND ALL WASHING EQUIPMENT.

APPROVED MANUFACTURERS:

1. ZURN, WADE, J.R. SMITH, JOSAM, MIFAB

ELECTRIC WATER HEATER SCHEDULE

MARK	MANUFACTURER MODEL #	LOCATION	CW	HW	ELECTRICAL		GAL.	SET POINT	REMARKS
					KW	V/P			
EX.EWH	EEMAX #EX180 T2T-ML-277	EX.PHYSICAL THERAPY CLASSROOM 262	1/2"	1/2"	18	480/3	-	-	RECOVERY OF 3GPM AT 41F RISE.
EWH-1	AO SMITH DEL-40	STORAGE 263	1"	1"	5	277/1	40	125F	SEE DETAIL 5, SHEET P501

EXPANSION TANK SCHEDULE

MARK	AMTROL	LOCATION	GALLONS	ACCEPTANCE	REMARKS
ET-1	ST-5C	STORAGE 263	2.1	0.9	SEE DETAIL 5, SHEET P501

MEDICAL GAS EQUIPMENT SCHEDULE

MARK	FIXTURE	OX	AIR	VAC	REMARKS
MG-1	MEDICAL GAS OUTLETS	-	-	-	OUTLETS FOR LEARNING PURPOSES ONLY. NO GAS PIPED UP. OUTLETS TO BE QUICK CONNECT (DISS)

PLUMBING FIXTURE CONNECTION SCHEDULE

MARK	FIXTURE	WASTE	CW	HW	REMARKS
SK-1	SINK	1-1/2"	1/2"	1/2"	TMV-1, OWNER FURNISHED
SK-2	HAND SINK	1-1/2"	(2) 1/2"	(2) 1/2"	TMV-1, OWNER FURNISHED
TMV-1	THERMOSTATIC MIXING VALVE	-	1/2"	1/2"	SET TEMPERATURE TO 109°F

PLUMBING DEMOLITION NOTES

A. REFER TO DIVISION 01 SECTIONS "CUTTING AND PATCHING" AND "SELECTIVE DEMOLITION" FOR GENERAL DEMOLITION REQUIREMENTS AND PROCEDURES.
B. WORK FOR GENERAL CONTRACTOR IS CONFINED TO CERTAIN AREAS, BUT PLUMBING DEMOLITION WORK MAY HAVE TO EXTEND TO OTHER AREAS.
C. DISCONNECT, DEMOLISH, AND REMOVE PLUMBING SYSTEMS, EQUIPMENT, FIXTURES, AND COMPONENTS INDICATED TO BE REMOVED.
   1. PIPING TO BE REMOVED: REMOVE PORTION INDICATED TO BE REMOVED AND CAP OR PLUG REMAINING PIPING WITH SAME OR COMPATIBLE PIPING MATERIAL AND INSULATION.
   2. EQUIPMENT AND FIXTURES TO BE REMOVED: REMOVE THE EQUIPMENT OR FIXTURE, ROUGHING, AND ALL PIPING TO MAINS AND CAP.
   3. EQUIPMENT AND FIXTURES TO BE REMOVED AND REINSTALLED: DISCONNECT AND CAP SERVICES AND REMOVE, CLEAN, AND STORE EQUIPMENT/FIXTURE; WHEN APPROPRIATE, REINSTALL, RECONNECT, AND MAKE EQUIPMENT OPERATIONAL.
D. EXISTING PIPING NOT BEING REMOVED OR REWORKED UNDER THIS CONTRACT, BUT LOCATED SO AS TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT, SHALL REMAIN IN SERVICE. SUCH PIPING OR EQUIPMENT/FIXTURE SHALL BE EXTENDED, RELOCATED, OR REINSTALLED AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
E. IF PIPE OR EQUIPMENT/FIXTURES TO REMAIN IS DAMAGED IN APPEARANCE OR IS UNSERVICEABLE, REMOVE DAMAGED OR UNSERVICEABLE PORTIONS AND REPLACE WITH NEW PRODUCTS OR EQUAL CAPACITY AND QUALITY.
F. UNLESS NOTED OTHERWISE, WHERE EQUIPMENT/FIXTURE IS INDICATED TO BE REMOVED, THE EQUIPMENT/FIXTURE SHALL REMAIN THE PROPERTY OF THE OWNER AND CONTRACTOR SHALL LOAD ON TO OWNER'S PROVIDED TRUCK AT SITE. SHOULD OWNER DECIDE NOT TO RETAIN THE EQUIPMENT/FIXTURE, EQUIPMENT/FIXTURE SHALL BECOME PROPERTY OF THE CONTRACTOR AND IT SHALL BE REMOVED FROM THE SITE.

ADA REQUIREMENTS

THIS APPLIES TO ADA ACCESSIBLE FIXTURES ONLY.

FAUCETS CONTROLS: CONTROLS SHALL BE LEVER HANDLES OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBF.

SINKS: SINKS SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER 34" ABOVE THE FINISH FLOOR. PROVIDE A KNEE CLEARANCE OF AT LEAST 27" HIGH, 30" WIDE, AND 19" DEEP. SINKS SHALL BE A MAXIMUM OF 6 1/2" DEEP. ALL WATER AND DRAIN PIPING UNDER LAVATORIES SHALL BE INSULATED WITH A FOAM INSERT COVERED WITH A 1/8" VINYL OUTER SHELL. ANGLE STOPS SHALL HAVE A FLIP TOP ACCESS.

PLUMBING GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE VERSIONS OF THE INTERNATIONAL PLUMBING CODE (IPC 2006), INTERNATIONAL FIRE CODE (IFC 2012), INTERNATIONAL MECHANICAL CODE (IMC 2012) AND INTERNATIONAL BUILDING CODE (IBC 2012), NFPA, ALL LOCAL ORDINANCES AND SPECIFICATIONS.

2. BY NECESSITY, THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC PRODUCTS, THE SELECTION OF WHICH HAS IMPACTED THE DESIGNS OF OTHER TRADES (ELECTRICAL, STRUCTURAL, ETC). IF ALTERNATE MANUFACTURERS, FUEL SOURCES, SIZES, OR MODEL NUMBERS ARE SUBMITTED OR BID, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID. THE SUBSTITUTING CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL PAY FOR CHANGES REQUIRED TO OTHER TRADES IF ALTERNATE EQUIPMENT IS BID OR INSTALLED AT THE CONTRACTORS OPTION.

3. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRIC RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, FITTING, OR COMPONENT. CONTRACTOR SHALL NOT SCALE DRAWINGS. EQUIPMENT SCHEDULES SHALL TAKE PRECEDENCE OVER CONFLICTING DRAWING INFORMATION. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY CONTRACT DOCUMENTS. REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND OTHER DRAWINGS FOR COMPLETE INFORMATION.

4. EXCEPT WHERE MODIFIED BY SPECIFIC NOTATION TO THE CONTRARY, IT SHALL BE UNDERSTOOD THAT THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS OR BOTH, CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM, REGARDLESS OF WHETHER OR NOT THIS INSTRUCTION IS EXPLICITLY STATED AS PART OF THE INDICATION OR DESCRIPTION.

5. EXACT LOCATION OF ALL EQUIPMENT AND PIPING SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER, LIGHTING AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS.

6. WHEREVER DISSIMILAR METALS ARE CONNECTED ON WATER LINES, A DIELECTRIC NIPPLE SHALL BE USED.

7. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE-VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.

8. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES, HVAC, STRUCTURAL, CIVIL, ETC. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND DIMENSIONS. REFER TO CIVIL PLANS FOR ALL UTILITY CONNECTION POINTS OUTSIDE THE BUILDING.

9. REFER TO SPECIFICATIONS OR SCHEDULES ON DRAWINGS FOR ACCEPTABLE MANUFACTURERS AND MODELS OF PLUMBING FIXTURES AND EQUIPMENT, AND PROPER APPLICATIONS OF SAME.

10. PROVIDE CLEANOUTS IN ALL SANITARY, WHETHER SHOWN OR NOT, AT INTERVALS NOT TO EXCEED 50 FEET, AT EACH DIRECTION 45 DEGREES AND GREATER, AND ON ALL VERTICAL RISERS AT A HEIGHT OF 18" A.F.F. AT THE BASE OF EACH STACK.

11. INSULATE ALL WATER LINES ABOVE FLOOR. INSULATE ALL HORIZONTAL STORM LINES (EXCLUDING OVERFLOW LINES) ABOVE FLOOR.

12. ALL SANITARY LINES, 2-1/2 INCHES OR LESS IN DIAMETER SHALL BE SLOPED AT 1/4" PER FOOT (2%). ALL SANITARY LINES 4 INCHES AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT (1%), UNLESS NOTED OTHERWHISE. COORDINATE INVERT ELEVATIONS WITH SITE CONTRACTOR.

13. SLEEVE AND SEAL ALL PIPE PENETRATIONS THROUGH RATED WALLS AND FLOORS. PIPE SLEEVES THROUGH FLOORS SHALL TERMINATE A MINIMUM OF 2" ABOVE FINISHED FLOOR. PLASTIC PIPING SHALL NOT BE USED TO PENETRATE FIRE RATED CONSTRUCTION.

14. PROVIDE WATER HAMMER ARRESTORS IN BRANCH WATER LINES AS REQUIRED BY SECTION 604.9 OF THE IPC, AT ALL QUICK CLOSING VALVES OR MINIMUM OF ONE ARRESTOR FOR EACH FIXTURE OR BANK OF FIXTURES.

15. PROVIDE STOP VALVES AT EVERY FIXTURE ON BOTH HOT AND COLD WATER SUPPLY LINES. VALVES, ESCUTCHEONS, FITTINGS, ETC. SHALL BE CHROMIUM PLATED WHERE PIPING IS EXPOSED.

16. ALL PIPE DROPS FROM CEILING PLENUM TO BELOW FLOOR SHALL BE MADE IN FURR-OUTS AT COLUMNS, IN WEBB OF BEAMS AT COLUMNS, OR IN WALLS UNLESS SHOWN OTHERWISE.

17. ALL EXPOSED OR ACCESSIBLE P-TRAPS LOCATED BELOW LAVATORIES, SINKS ETC, SHALL BE CHROME PLATED AND PROVIDED WITH BOTTOM CLEANOUT PLUGS.

18. PROVIDE INSULATION ON ALL EXPOSED COLD WATER, HOT WATER & DRAIN PIPING FOR HANDICAP FIXTURES PER ANSI A117.1 AND ADA REQUIREMENTS.

19. SEE THIS SHEET FOR PLUMBING LEGEND AND FIXTURE SCHEDULE.

20. EXISTING INFORMATION SHOWN WAS GATHERED FROM "AS BUILT" DRAWINGS AND JOB SITE VISITS. EVERY ATTEMPT HAS BEEN MADE TO SHOW EXISTING SERVICES CORRECTLY. HOWEVER CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONDITIONS AND MAKE ALL NECESSARY ADJUSTMENTS IN THE FIELD AT NO EXTRA COST TO THE OWNER/ARCHITECT/ENGINEER.

21. HOT AND COLD WATER SUPPLIES TO FIXTURES SHALL BE AS SHOWN IN PLUMBING FIXTURE SCHEDULE.

22. ALL SUPPLIES SHALL BE PROVIDED WITH A HIGH EAR COUPLING EQUAL TO MUELLER NO. C-100HE OR E-211 (1/2", 3/4", OR 1" SIZE) AT THE WALL (ANCHORED TO CROSS-MEMBER SUPPORT) BEFORE PIPE ENTERS ROOM/SPACE TO ASSURE NO PIPE MOVEMENT WITHIN WALL CAVITY.

23. IT IS STRONGLY ENCOURAGED THAT THE CONTRACTOR, PRIOR TO THE START OF ANY WORK UNDER THIS CONTRACT, VISIT JOB SITE TO VERIFY SIZE, ELEVATION, LOCATION, ETC., OF ANY EXISTING PIPING NOTED, SHOWN OR IMPLIED, TO WHICH NEW PIPING IS RELATED OR CONNECTED.

24. CUT WALLS, FLOORS OR CEILINGS AS REQUIRED TO INSTALL NEW PIPING. ALL FURRING, PATCHING AND REPAIRS SHALL BE BY THE GENERAL CONTRACTOR. COORDINATE REQUIREMENTS WITH GENERAL CONTRACTOR.

25. NO STRUCTURAL MEMBERS MAY BE CUT OR MODIFIED WITHOUT THE WRITTEN PERMISSION OF THE STRUCTURAL ENGINEER.

26. WHERE EXISTING FIXTURES AND EQUIPMENT ARE REMOVED AND NOT REPLACED IN PROJECTS OTHER THAN HOSPITALS, CAP ALL PIPING WITH WALLS, FLOORS OR CEILINGS AS REQUIRED FOR CONCEALMENT. IN HOSPITAL PROJECTS, REMOVE PIPNG BACK TO MAIN AND CAP.

27. REWORK EXISTING WATER, SANITARY AND VENT PIPING AS REQUIRED TO INSTALL NEW FIXTURES.

28. EXISTING PIPE TO WHICH NEW PIPE IS CONNECTED SHALL BE RODDED, FLUSHED AND CLEANED FROM POINT OF CONNECTIONS TO MAIN OUTSIDE BUILDING.

29. REMOVE ALL EXISTING PIPING WHICH IS DEEMED INOPERABLE AS A RESULT OF THIS CONTRACT UNLESS SHOWN OR NOTED OTHERWISE.

30. EACH FIXTURE OR GROUP OF FIXTURES SHALL BE PROVIDED WITH A SHUT OFF VALVE IN THE CEILING SPACE. PROVIDE AN ACCESS PANEL IN SOLID CEILINGS.

31. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO PAY FOR AND OBTAIN ALL DOCUMENTS, LICENSES, PERMITS, FEES, AND UTILITY FEES REQUIRED TO FACILITATE THE WORK OF THIS CONTRACT.

32. ALL PIPING IS TO BE CONCEALED UNLESS NOTED OTHERWISE. ALL EXPOSED, UNINSULATED PIPING IS TO BE CHROMIUM PLATED.

33. MAKE ALL UTILITY CONNECTIONS AND INSTALLATIONS IN FULL ACCORDANCE WITH ALL UTILITY REGULATIONS. PROVIDE ALL ADDITIONAL APPERTENANCES AS REQUIRED BY THE UTILITY COMPANY. THE COMPLETED INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE INDUSTRY STANDARDS OF GOOD PRACTICE AND SAFETY, AND THE MANUFACTURER'S STRICTEST RECOMMENDATIONS FOR EQUIPMENT AND PRODUCT APPLICATION AND INSTALLATION.

34. MAINTAIN ALL MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES FOR ALL FIXTURES AND EQUIPMENT. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.

35. ALL ABOVE GRADE HORIZONTAL PIPING SHALL BE INSTALLED AS HIGH AS POSSIBLE.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
	BALL VALVE
TS	TAMPER SWITCH
FS	FLOW STATION
	PRESSURE GAUGE
	THERMOMETER W/ INSERTION WELL
	WATER HAMMER ARRESTER
	ELBOW, TURNED UP
	ELBOW, TURNED DOWN
	RISE OR DROP IN PIPE
	TEE, SIDE CONNECTION
	TEE, OUTLET UP
	TEE, OUTLET DOWN
	CAPPED OUTLET
	CAPPED PIPE

SYMBOL	DESCRIPTION
	NEW EQUIPMENT
	EXISTING EQUIPMENT
SS	SANITARY SEWER BELOW FLOOR
SS	SANITARY SEWER ABOVE FLOOR
CWV	COMBINATION WASTE & VENT BELOW FLOOR
CWV	COMBINATION WASTE & VENT ABOVE FLOOR
	SANITARY VENT (V)
	COLD WATER (CW)
	HOT WATER (HW)
	HOT WATER RETURN (HWR)
A	COMPRESSED AIR

SYMBOL	DESCRIPTION
WC-1	PLUMBING FIXTURE
FD	FLOOR DRAIN
FCO	FLOOR CLEANOUT
WCO	WALL CLEANOUT
	POINT OF CONNECTION TO EXISTING
	TERMINATION OF DEMOLITION
	MEDICAL GAS ALARM PANEL
	MEDICAL GAS VALVE BOX
S VA O2	MEDICAL GAS OUTLETS

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ENFRA TME, LLC
No. 2790
ARKANSAS

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 24633
ANDREW T. SCHNEIDER
10/16/26

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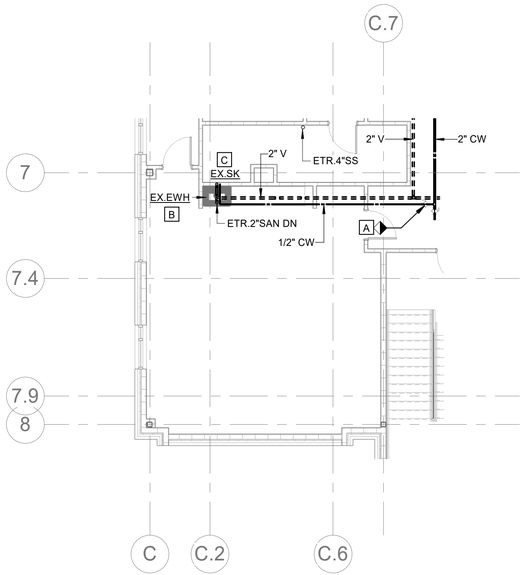
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LEGENDS, NOTES AND SCHEDULES - PLUMBING

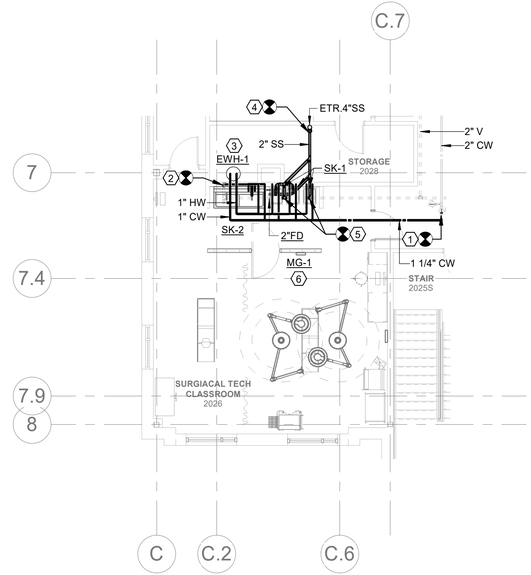
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2 SECOND FLOOR - SURGICAL TECH SUITE - PLUMBING DEMO
1/8" = 1'-0"



1 SECOND FLOOR - SURGICAL TECH SUITE - PLUMBING
1/8" = 1'-0"

DEMO NOTES

A DISCONNECT AND REMOVE EX.CW LINE ABOVE CEILING COMPLETE.

B DISCONNECT AND REMOVE EX.EWH COMPLETE. REMOVE ALL ASSOCIATED PIPING BACK TO WALLS, VALVE AND CAP.

C DISCONNECT AND REMOVE EX.SK COMPLETE. REMOVE ALL ASSOCIATED EX.PIPING TO ROUGH-INS OR WALL, VALVE AND CAP.

KEYED NOTES

1. CONNECT TO ETR.2"CW LINE ABOVE CEILING.
2. CONNECT TO ETR.2"SANITARY RISER IN WALL. EXTEND SANITARY TO DRAIN.
3. EWH-1 MOUNTED HIGH ON WALL, SEE DETAIL 5, SHEET P501. PIPE DRAIN TO 2"FD THROUGH WALL.
4. CONNECT TO ETR.4"SS BELOW FLOOR. ROUTE SANITARY BELOW STRUCTURE BEAM.
5. CONNECT 2"VENT TO ETR.VENT ABOVE CEILING.
6. COORDINATE EXACT LOCATION OF MG-1 WITH ARCHITECT. OUTLETS FOR LEARNING PURPOSES ONLY, NO GAS SHALL BE PIPED TO OUTLETS.

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SECOND FLOOR PLAN - PLUMBING DEMOLITION AND NEW

P202

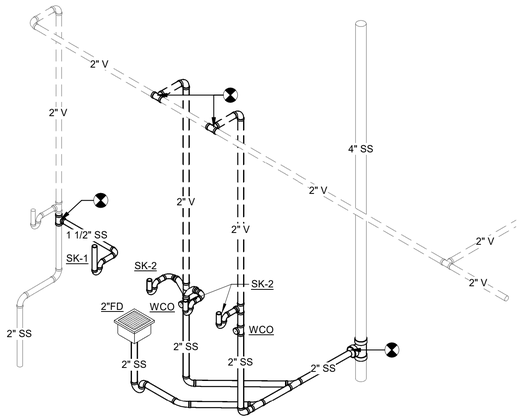
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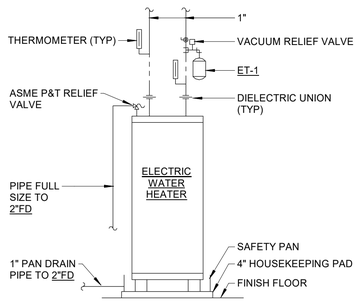
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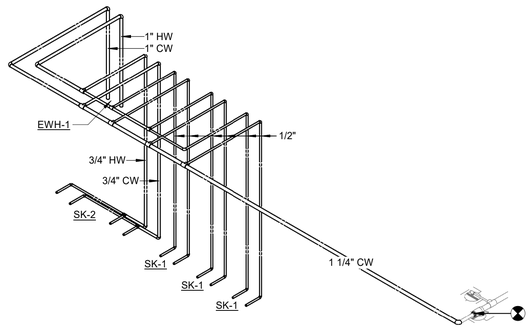
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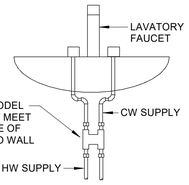
6 01 - RISER 01 - SANITARY



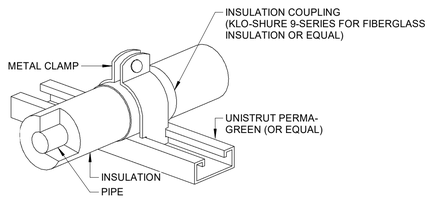
5 DETAIL OF PIPING AT ELECTRIC WATER HEATER
NOT TO SCALE



7 02 - RISER 02 - DOMESTIC

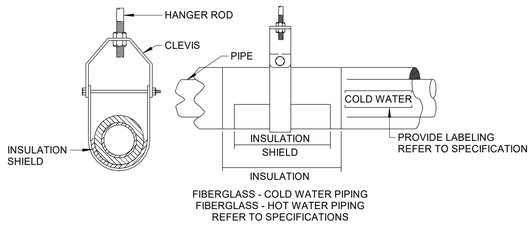


4 DETAIL OF PIPING AT TMV UNDER ADA/PUBLIC LAVATORY
NOT TO SCALE



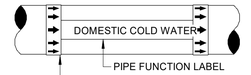
NOTES:
1. APPLICATION: FOR STRUT-MOUNTED, 4" AND SMALLER, COPPER PIPE WITH FIBERGLASS INSULATION.
2. ALLOWED FOR HORIZONTAL OR VERTICAL INSTALLATION.

3 STRUT-MOUNTED PIPING SUPPORT INSULATION COUPLING DETAIL
NOT TO SCALE



FIBERGLASS - COLD WATER PIPING
FIBERGLASS - HOT WATER PIPING
REFER TO SPECIFICATIONS

2 DETAIL OF ADJUSTABLE CLEVIS HANGER
NOT TO SCALE



FLOW DIRECTION LABEL.
PROVIDE 360 DEGREE WRAP OVERLAPPING BOTH ENDS OF THE PIPE FUNCTION LABEL AND MATCHING THE FLOW DIRECTION OF THE PIPE CONTENTS.

DETAIL NOTES
A. PROVIDE A PIPE LABEL FOR EACH PIPE FUNCTION.
B. PROVIDE AT LEAST ONE LABEL ON EACH PIPE FOR EVERY ROOM THE PIPE PASSES THROUGH.
C. PROVIDE LABELS IN LARGE SPACES ON MAXIMUM 20'-0" CENTERS FOR EVERY PIPE UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS.
D. LABELS TO BE LOCATED IN AN EASILY VISIBLE LOCATION AS THEY WOULD NORMALLY BE SEEN. E.G. ON THE BOTTOM OF PIPES IN THE AIR AND ON THE TOP OR SIDES OF PIPES MOUNTED LOW.
E. LABELS SHALL BE COLOR CODED, PRE-PRINTED, SELF ADHESIVE VINYL FOR MEDICAL GAS PIPING. PRE-TENSIONED LABELS FOR ALL OTHER PIPING.
F. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS AND LIST OF PIPE FUNCTIONS.

1 DETAIL OF PIPING IDENTIFICATION LABEL
NOT TO SCALE

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DETAILS AND RISERS - PLUMBING

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GENERAL NOTES (RENOVATION):

1. PROVIDE THE ENGINEER OF RECORD WITH A PRELIMINARY PUNCH LIST AND DRAWING PRIOR TO COMPLETION OF CONSTRUCTION. ALL ITEMS NOTED SHALL BE ADDRESSED BY THE CONTRACTOR PRIOR TO REQUESTING PUNCH LIST BY THE ENGINEER OF RECORD.
2. ALL PIPE, DEVICES, AND INSTALLATION SHALL FULLY COMPLY WITH NFPA 13 AND ALL REQUIRED AUTHORITIES HAVING JURISDICTION.
3. COMPLY WHOLLY WITH THE REQUIREMENT TO INSTALL ALL PIPING WITHIN CONCEALED SPACES PROVIDED.
4. REFER TO NOTES ON DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR BUILDING DETAILS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR GENERAL RENOVATION ITEMS SUCH AS CEILINGS, WALLS AND AREAS OF WORK.
6. PROVIDE MODIFICATIONS TO THE EXISTING FIRE SPRINKLER SYSTEM(S) TO ACCOMMODATE RENOVATIONS TO THE INDICATED HATCHED AREAS ON DRAWING. PERFORM MODIFICATIONS IN ACCORDANCE WITH ALL APPLICABLE NFPA STANDARDS, JOB SPECIFICATIONS, FM-GLOBAL REQUIREMENTS, STATE CODE AND LOCAL CODE. PROVIDE NEW SPRINKLER HEADS, PIPES, FITTINGS, VALVES, ELECTRONIC SUPERVISION, HANGERS AND APPURTENANCES AS REQUIRED. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR SURVEYING THE AREA OF WORK TO DETERMINE THE SCOPE OF DEMOLITION WORK REQUIRED.
7. FIRE PROTECTION SYSTEMS, PIPING, VALVES, AND APPURTENANCES INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC ONLY IN THAT ALL REQUIRED DEVICES, PIPES, FITTINGS AND OFFSETS MAY NOT BE SHOWN. VERIFY EQUIPMENT SELECTIONS, PIPE ROUTING, ETC. FOR CODE COMPLIANCE, AND ARCHITECTURAL/STRUCTURAL CONFORMITY. THOROUGHLY SURVEY THE PROPERTY AND REVIEW ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING (M.E.P.) CONDITIONS, EXISTING OR PLANNED, PRIOR TO BID. THERE IS VERY LIMITED SPACE AVAILABLE FOR PIPE ROUTING.
8. PROVIDE FIRE PROTECTION SHOP DRAWINGS WITH COMPLETE REFLECTED CEILING PLANS INDICATING LOCATION OF EACH SPRINKLER HEAD, AS WELL AS PIPING LAYOUTS, AND ROOM NAMES. PROVIDE ADDITIONAL SPRINKLER HEADS (OVER CODE MINIMUM), IF REQUESTED BY THE ARCHITECT, TO OBTAIN SYMMETRICAL CEILING LAYOUTS.
9. FIRE PROTECTION SYSTEM SHALL BE COMPLETE WITH SPRINKLER PIPING AND HEADS, ELECTRONIC SUPERVISION AND APPURTENANCES AS REQUIRED BY NFPA AND AUTHORITIES HAVING JURISDICTION. PIPE SIZING SHALL BE ESTABLISHED BY THE FIRE PROTECTION CONTRACTOR.
10. CONDUCT A COORDINATION MEETING WITH SUBCONTRACTORS TO ESTABLISH CLEARANCE REQUIREMENTS NEEDED FOR M.E.P. WORK PRIOR TO FABRICATION OF SPRINKLER SYSTEM. ANY RELOCATION OF FIRE SPRINKLER SYSTEM REQUIRED FOR PROPER INSTALLATION OF M.E.P. SYSTEMS IS AT THE CONTRACTOR'S EXPENSE.
11. BASE BID ON CAREFUL COORDINATION OF ARCHITECTURAL COMPONENTS, EXISTING AND NEW MECHANICAL DUCT, MECHANICAL AND PLUMBING PIPING, ELECTRICAL AND STRUCTURAL SYSTEMS IN THE BUILDING.
12. HYDRAULIC CALCULATIONS ARE NOT REQUIRED ON THIS PROJECT, AS LONG AS THE HYDRAULIC REQUIREMENTS OF EACH NEW SPRINKLER SYSTEM DO NOT EXCEED THE HYDRAULIC REQUIREMENTS OF EACH CORRESPONDING EXITING SPRINKLER SYSTEM. AS SUCH, BE ADVISED TO PERFORM THE SPRINKLER SYSTEM(S) MODIFICATIONS IN A WAY THAT MINIMIZES THE PRESSURE AND FLOW DEMAND. CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR ENSURING THE SPRINKLER SYSTEM(S) HAVE ADEQUATE WATER PRESSURE AND FLOW.
13. INTERFACE FIRE PROTECTION SYSTEM WITH THE BUILDING FIRE ALARM SYSTEM. REFER TO ELECTRICAL.
14. PROVIDE AND INSTALL ELECTRONIC SUPERVISION FOR ALL CONTROL VALVES.
15. PROVIDE SPECIAL CONSIDERATION TO AREAS THROUGHOUT THE RENOVATED AREA SUCH AS DROPPED SOFFITS, RAISED CEILINGS, FALSE BEAMS, AND LIGHTING SOFFITS THAT NECESSITATE ADDITIONAL SPRINKLER HEADS. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS AND BUILDING DETAILS.
16. PROVIDE AND INSTALL QUICK RESPONSE SPRINKLERS FOR LIGHT HAZARD AND ORDINARY HAZARD AREAS, UNLESS OTHERWISE NOTED.
17. ALL NEW CEILING MOUNTED SPRINKLER HEADS SHALL MATCH THE EXISTING SPRINKLER HEADS IN EVERY CHARACTERISTIC (STYLE, TYPE, TEMPERATURE RATING, COLOR, FINISH, ETC.).
18. ALL NEW SPRINKLER HEADS INSTALLED IN EXPOSED STRUCTURE SHALL BE BRASS UPRIGHT, UNLESS NOTED OTHERWISE ON FIRE PROTECTION PLANS OR SPECIFICATIONS.
19. PROVIDE AUXILIARY DRAINS FOR ALL TRAPPED PIPING SECTIONS IN ACCORDANCE WITH NFPA 13.
20. INSTALL PIPING HORIZONTALLY AND AT RIGHT ANGLES TO WALLS AND CEILINGS.
21. ALL NEW GROOVED PIPING SHALL BE BLACK SCHEDULE 10 OR BLACK SCHEDULE 40 WITH GROOVED AND WELDED OUTLETS, UNLESS NOTED OTHERWISE ON DRAWINGS. FITTINGS AND COUPLINGS SHALL BE STANDARD GROOVED.
22. ALL NEW THREADED PIPING SHALL BE BLACK SCHEDULE 40, UNLESS NOTED OTHERWISE ON DRAWINGS. FITTINGS SHALL BE STANDARD "BLACK" GRADE.
23. ALL FIRE PROTECTION PIPING TO BE INSTALLED ABOVE CEILINGS, UNLESS NOTED OTHERWISE ON DRAWINGS.
24. DO NOT INSTALL ALTERNATIVE STEEL PIPE SCHEDULES ALLOWED BY NFPA 13.
25. PROVIDE PROTECTION FOR SPRINKLER HEADS IN AREAS WHERE THE CEILING AND SURROUNDING AREAS ARE TO BE PAINTED. REMOVE SPRINKLER PROTECTION AFTER PAINTING WORK IS COMPLETE. REPLACE, AT NO ADDITIONAL EXPENSE TO THE OWNER, ANY SPRINKLER HEAD WITH PAINT OR TEXTURE OVERSPRAY.
26. PROVIDE HEAD GUARDS ON ALL SPRINKLER HEADS AT OR BELOW AN ELEVATION OF 7'-0" AFF, OR THAT OTHERWISE MAY BE SUBJECT TO MECHANICAL DAMAGE, SUCH AS IN THE MECHANICAL ROOMS.
27. PERFORM ALL CONNECTIONS TO THE EXISTING SPRINKLER SYSTEM DURING A SINGLE SHUT-DOWN OF THE SPRINKLER SYSTEM. THE SPRINKLER SYSTEM SHUT DOWN PROCEDURE, AS DIRECTED BY THE OWNER, SHALL BE FOLLOWED. IN NO CASE SHALL THE SPRINKLER SYSTEM BE TURNED OFF DURING THE OVERNIGHT HOURS. EXCEPTION: IF THE OWNER SPECIFICALLY ALLOWS THE SHUT DOWN TO A PREDETERMINED AND ACCEPTED TIME FRAME. HOWEVER, IT SHALL IN NO WAY EXTEND INTO WEEKENDS OR HOLIDAYS.
28. THE RE-USE OF EXISTING SPRINKLER SYSTEM COMPONENTS IS ACCEPTABLE, WITH THE EXCEPTION OF SPRINKLER HEADS.
29. IF NEW WALL LOCATIONS CREATE A SITUATION OF OVER SPACING FOR THE ADJACENT EXISTING NON-RENOVATED AREAS, REWORK EXISTING SPRINKLER COVERAGE IN NON-RENOVATED AREAS TO BRING THESE AREAS INTO COMPLIANCE WITH NFPA SPACING RULES FOR THE GIVEN OCCUPANCY HAZARDS.
30. EXISTING PIPE SIZES (AS PER NUMBER OF SPRINKLER HEADS SUPPLIED PER PIPE SIZE) SHALL NOT BE EXCEEDED. NO MORE THAN ONE (1) SPRINKLER HEAD SHALL BE SUPPLIED FROM AN EXISTING 1/2" SPRINKLER OUTLET. NO MORE THAN TWO (2) SPRINKLER HEADS SHALL BE SUPPLIED FROM AN EXISTING 1" SPRINKLER OUTLET. REMOVE AND PLUG OUTLETS FOR ALL EXISTING SPRINKLER HEAD LOCATIONS NOT REUSED.
31. REMOVE ALL EXISTING FIRE SPRINKLER PIPING, FITTINGS AND HANGERS THAT ARE NO LONGER USEFUL TO THE FIRE SPRINKLER SYSTEM AT TIME OF COMPLETION. THE OWNER RETAINS FIRST RIGHTS OF REFUSAL FOR ALL SUCH EQUIPMENT.
32. REPAIR ALL HOLES IN WALLS, FLOORS, AND CEILINGS AND MAINTAIN REQUIRED FIRE RATING OF WALL AND CEILINGS.
33. SEISMIC BRACING/ RESTRAINT IS NOT REQUIRED FOR THIS PROJECT.

FIRE PROTECTION DEMOLITION NOTES

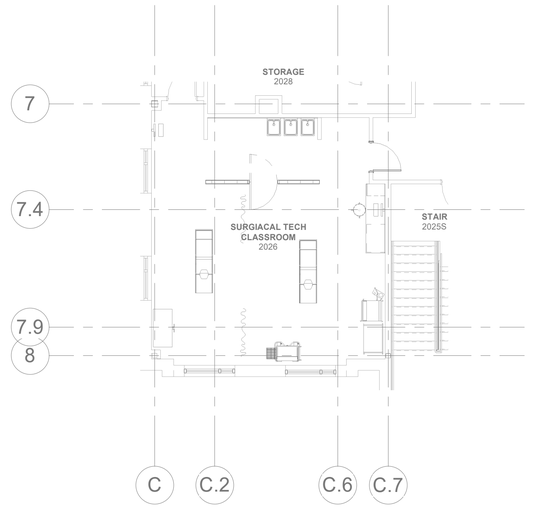
1. THE INTENT OF THE PROJECT IS TO RE-USE AS MUCH OF THE EXISTING SYSTEM PIPING AS POSSIBLE. SO THERE IS NOT EXPECTED TO BE SUBSTANTIAL DEMOLITION. ANY NECESSARY DEMOLITION WILL TAKE PLACE DURING THE RENOVATION WORK. SOME PIPES MAY NEED TO BE RAISED DUE TO NEW CEILING HEIGHTS OR FOR COORDINATION WITH OTHER DISCIPLINES.

2. ANY DEMOLITION OF THE EXISTING SPRINKLER SYSTEM IS TO BE TAKEN BACK TO THE BRANCH LINE, OR THE CROSS MAIN AND PLUGS OR NIPPLES WITH CAPS SHALL BE INSTALLED. THERE ARE TO BE ABSOLUTELY NO MORE PORTIONS OF THE EXISTING BRANCH LINE PIPING REMAINING INTACT THAN WHAT ARE NECESSARY TO FACILITATE THE RENOVATION. IT SHALL NOT BE ACCEPTABLE TO ABANDON ANY PIPES IN PLACE ABOVE CEILING.

3. SURRENDER ALL DEMOLISHED MATERIALS (PIPES, FITTINGS, HANGERS, ESPECIALLY SPRINKLER HEADS) TO THE OWNER FOR FIRST RIGHT OF REFUSAL.

GENERAL NOTES:

PROVIDE NEW CONCEALED SPRINKLER HEADS BASED ON NEW WALL LAYOUT AS NEEDED. ETR.SPRINKLER MAY REMAIN IN PLACE IF NOT AFFECTED.



1 SECOND FLOOR - SURGICAL TECH SUITE - FIRE PROTECTION
1/8" = 1'-0"

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GENERAL NOTES, DETAILS, AND FLOOR PLAN - FIRE PROTECTION

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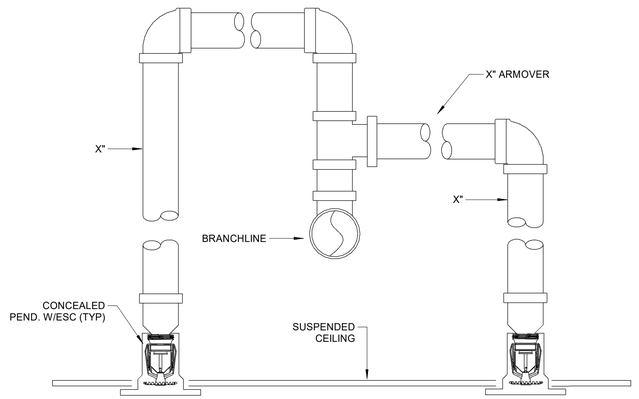
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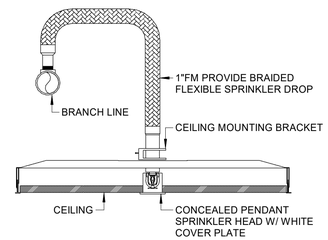
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DETAILS - FIRE PROTECTION

F301



2 RETURN BEND ASSEMBLY DETAIL
NOT TO SCALE



NOTES:
THIS INSTALLATION MAY BE USED IN LIEU OF THE HARD PIPE RETURN BEND INSTALLATION FOR SEISMIC, EASE OF INSTALLATION, TENANT FLEXIBILITY, OWNER, OR SPECIFIC SPRINKLER HEAD LOCATION REQUIREMENTS.

INCLUDE THE EQUIVALENT PIPE LENGTH AS SPECIFIED IN THE MANUFACTURER'S PRODUCT DATA SHEETS IN THE HYDRAULIC CALCULATION REPORTS.

1 1"BRAIDED FLEXIBLE SPRINKLER DROP DETAIL
NOT TO SCALE

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