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JPS HEALTH NETWORK

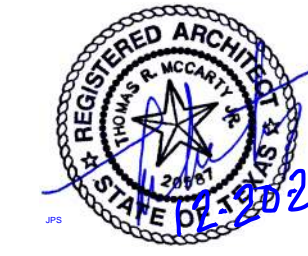
BARDIN ROAD SPECIALITY CLINICS

RADIOLOGY ROOM 133

1741 E BARDIN RD, ARLINGTON, TX 76018

**100% CONSTRUCTION DOCUMENTS**

DECEMBER 20, 2023



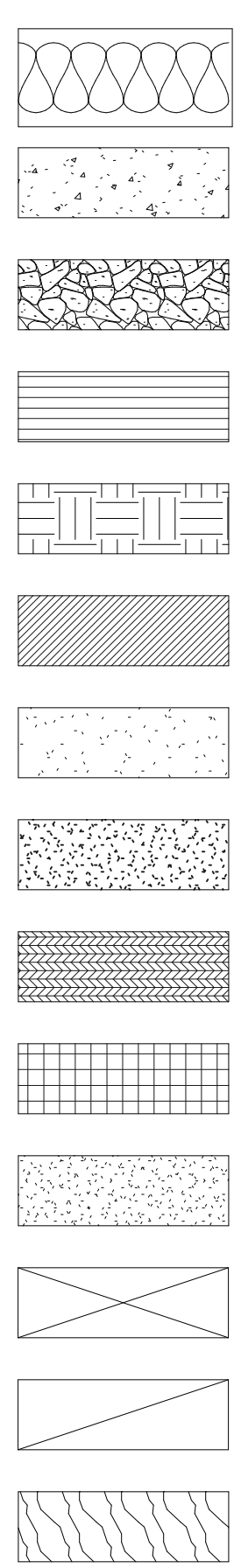
EAB #: TBD  
CITY PERMIT #: TBD  
TDH APPLICATION #: TBD



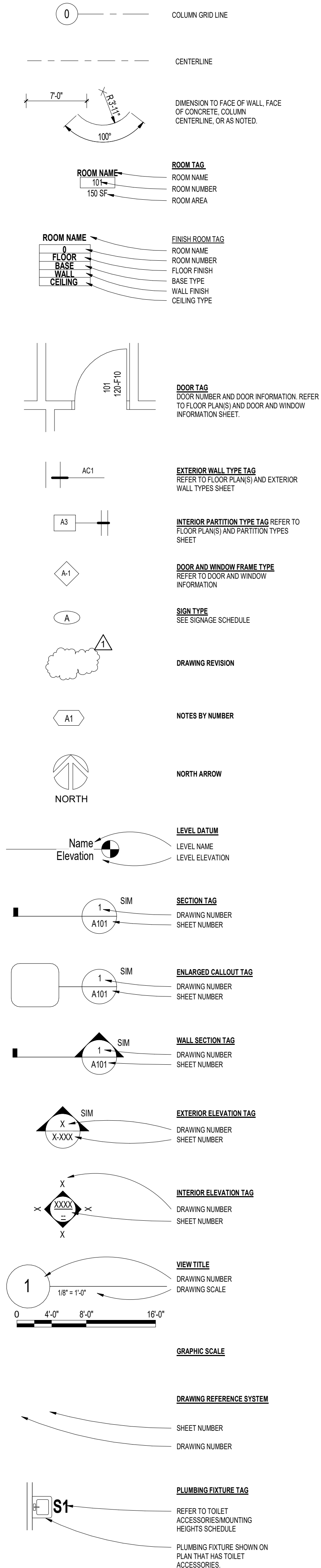
**ABBREVIATIONS**

ACT.	ACTUAL
ADJ.	ADJUSTABLE
A.F.F.	ABOVE FINISH FLOOR
A.F.S.	ABOVE FINISH SLAB
AGG.	AGGREGATE
AHU	AUTHORITY HAVING JURISDICTION
ALUM.	ALUMINUM
BLOG.	BUILDING
BK.	BRICK
BL.	BLOCK
CAB.	CABINET
CART.	CART
C.J.	CONTROL JOINT
CEN.	CENTERLINE
CG	CORNER GUARD
CLG.	CEILING
COL.	COLUMN
CONC.	CONCRETE
COND.	CONDUIT
CONT.	CONTINUOUS
CONT.	CONTINUED
C.T.	COUNTERTOP
DBL.	DOUBLE
DEMO.	DEMOLITION
DA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
DWG.	DRAWING
E.W.C.	ELECTRIC WATER COOLER
EA.	EACH
E.J.	EXPANSION JOINT
EQ.	EQUAL
EXP.	EXPANSION
E.W.	EACH WAY
EXT.	EXTERIOR
EXST.	EXISTING
F.E.C.	FIRE EXTINGUISHER CABINET
F.D.	FINISH DIMENSION
F.F.V.B.	FIRE FIGHTER VALVE BOX
F.F.	FINISH FLOOR
FR.	FINISHED
FR.T.	FIRE RETARDANT TREATED
G.	GALVANIZED
G.B./GYP.BD.	GYP/BOARD
GA.	GALVE
GL.	GALVANIZED GLASS
H.M.	HELLON METAL
H.S.	HORIZONTAL IN SPLASH
I.C.U.	INTENSIVE CARE UNIT
INT.	INTERIOR
INSUL.	INSULATION
I.T.C.	INSTALLED THIS CONTRACT
K.S.	KNEE SPACE
LAM.	LAMINATED
LAV.	LAVATORY
L.L.V.	LONG LEG VERTICAL
L.L.H.	LONG LEG HORIZONTAL
MANUF.	MANUFACTURER
MAN.	MECHANICAL
MECH.	MECHANICAL
M.M.	MASONRY
M.O.	MASONRY OPENING
M.T. INT.	METAL MOUNTED
NA.	NOT APPLICABLE
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
N.C.	NOT IN CONTRACT
O.C.	ON CENTER
O.D.	OUTER DIAMETER
O.H.O.P.P.H.	OPPOSITE HAND
P.	PLAN DIMENSION
P.L.S. LAM.	PLASTIC LAMINATE
P.T.	PORCELAIN TILE
P.T.D.	PAPER TOWEL DISPENSER
RB.	RUBBER BASE
R.H.V.	REVISION/REVERSE
R.RAD.	RADIUS
REF.	REFERENCE
REF.	REFERENCE REFER TO
REDD.	REQUIRED
R.D.	ROOF DRAIN
RM.	ROOM
R.O.	ROUGH OPENING
SCHED.	SCHEDULED
SHT.	SHEET
SM.	SMILAR
S.P.	SPACE
S.S.	STAINLESS STEEL
S.E.V.	SOLID SURFACE VENEER
STL.	STEEL
STP.	STANDARD
S.V.	SHEET VINYL
T.A.S.	TEXAS ACCESSIBILITY STANDARDS
T.B.	TACK BOARD
T.D.H.	TEXAS DEPARTMENT OF HEALTH
TEMP. OR (T)	TEMPERATURE
TK.	THICK
TKL.	TOILET
TYP.	TYPICAL
U.C.	UNDER COUNTER
UCR.	UNDER COUNTER REFRIGERATOR
U.L.	UNDERWRITERS LABORATORIES
U.N.O.	UNLESS NOTED OTHERWISE
UR.	NEW URINAL
VCT.	VINYL COMPOSITION TILE
V.F.	VERIFY IN FIELD
V.T.	VINYL TILE
VERT.	VERTICAL
W.C.	WATER CLOSET
WD.	WOOD
WH.	WATER HEATER
WTH.	WITH
W/O.	WITHOUT

**MATERIALS LEGEND**



**DRAWING LEGEND**



**GENERAL NOTES**

- THE CONTRACT DRAWINGS AND THE PROJECT MANUAL COMPRISE THE CONTRACT DOCUMENTS. CONTRACTORS SHALL BE FAMILIAR WITH ALL ASPECTS OF THE CONTRACT DOCUMENTS, AND SPECIFICALLY THE DRAWINGS AND SPECIFICATIONS WHICH PERTAIN TO THE CONTRACTOR'S SCOPE OF WORK. THE GENERAL CONDITIONS OF THE CONTRACT, DIVISION 1 OF THE SPECIFICATIONS, AND COORDINATION OF RELATED TRADES, BEFORE SUBMITTING A BID.
- BY SUBMITTING A BID, THE CONTRACTOR(S) AGREES THAT THEIR WORK WILL BE IN COMPLIANCE WITH ALL APPLICABLE CODES, ORDINANCES, AND REGULATIONS IN EFFECT AT THE TIME OF THE BID SUBMITTAL.
- THESE DRAWINGS SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSIONS, CONTRACTOR SHALL NOTIFY THE ARCHITECT.
- VERIFY ALL DIMENSIONS, GRADES, AND EXISTING CONDITIONS AT JOB SITE. WHERE DIMENSIONS ARE LABELED "VERIFY", THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IF DIMENSION VARIES FROM DIMENSION SHOWN PRIOR TO CONSTRUCTING WALLS.
- VERIFY SIZE AND LOCATIONS OF ALL OPENINGS WITH CONTRACTOR(S) INVOLVED, INCLUDING MECHANICAL AND ELECTRICAL, AND PROVIDE OPENINGS AS REQUIRED. NO OPENINGS SHALL BE MADE THROUGH STRUCTURAL COMPONENTS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT.
- THE PROJECT SHALL BE CONSTRUCTED TO BE ACCESSIBLE TO PERSONS WITH DISABILITIES AS REQUIRED BY THE TEXAS ACCESSIBILITY STANDARDS (TAS).
- ERRORS AND/OR OMISSIONS IN ROOM, DOOR, OR WINDOW SCHEDULES DO NOT RELIEVE THE CONTRACTOR FROM EXECUTING WORK SHOWN ON THE DRAWINGS OR DESCRIBED IN THE SPECIFICATIONS.
- ALL DIMENSIONS ON PLANS ARE TO THE FACE OF FINISHED WALL, CONCRETE STRUCTURE, OR MASONRY UNLESS NOTED OTHERWISE.
- ADD SUFFICIENT BLOCKING IN STUD WALLS TO SUPPORT ALL ITEMS OR EQUIPMENT SHOWN OR SPECIFIED TO BE ATTACHED TO THE WALLS. PROVIDE ADDITIONAL STRUCTURAL SUPPORT (ANGLES, CHANNELS, ETC.) WITHIN WALLS WHERE WEIGHT OF ATTACHED ITEMS IS TOO GREAT TO BE SUPPORTED BY METAL STUDS.
- LIGHT FIXTURES LOCATED IN CEILING SYSTEMS SHALL BE LOCATED ACCORDING TO THE ARCHITECTURAL REFLECTED CEILING PLAN.
- CEILING DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST FAN INTAKES LOCATED IN CEILING SYSTEMS SHALL BE LOCATED ACCORDING TO THE ARCHITECTURAL REFLECTED CEILING PLAN.
- REMOVE PORTIONS OF EXISTING SURFACES AS REQUIRED FOR THE ADDITION OF MECHANICAL, PLUMBING, AND/OR ELECTRICAL WORK. REPLACE ALL SURFACES WITH NEW MATERIALS OR PATCH EXISTING MATERIALS AS REQUIRED TO MATCH ADJACENT SURFACES.
- IN ROOMS OR AREAS WITH EXPOSED STRUCTURE, ALL WIRING & CABLEING TO BE IN CONDUIT.

**OWNER**

JPS HEALTH NETWORK  
1000 SOUTH MAIN STREET  
FORT WORTH, TEXAS 76114

**ARCHITECT**

PRIMERA DESIGN ASSOCIATES, L.L.C.  
2102 ROOSEVELT DRIVE, SUITE A  
DALLWORTHINGTON GARDENS, TEXAS 76013  
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**STRUCTURAL CONSULTANT**

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**MECHANICAL, PLUMBING, AND ELECTRICAL CONSULTANT**

BARB, HAMPTON, & BROWN  
6300 ROOSEVELT PLACE, SUITE 700  
FORT WORTH, TEXAS 76116  
(817) 338-0277

**INDEX OF DRAWINGS**  
**ARCHITECTURAL**

1.01A	COVER SHEET
1.01A	GENERAL INFORMATION
1.02A	LIFE SAFETY PLAN
2.01A	FLOOR PLAN & DEMO PLAN
2.01A	ELEVATIONS & DETAILS
3.01A	REFLECTED CEILING PLAN

**OWNER'S RADIOLOGY EQUIPMENT DRAWINGS**

9.01A	OWNER SUPPLIED EQUIPMENT DRAWINGS
9.02A	OWNER SUPPLIED EQUIPMENT DRAWINGS

THE FOLLOWING DRAWINGS ARE BASED ON FEATURES AND EQUIPMENT REQUIREMENTS PRESENT AT THE TIME OF THEIR PREPARATION. THE CONTRACTOR SHALL BE PREPARED TO MAKE ADJUSTMENTS IN HIS WORK TO ACCOMMODATE THE INSTALLATIONS.

X-RAY ROOM #131 - SIEMENS Y80 X-FREE  
SIEMENS PROJECT NUMBER 2205809 (LAST REVISED DATE 07-22-10)

A-101	ARCHITECTURAL EQUIPMENT PLAN
A-102	REFLECTED CEILING PLAN
S-101	STRUCTURAL FLOOR PLAN
E-101	ELECTRICAL RACKWAY PLAN
E-102	ELECTRICAL DIMENSION PLAN

**MECHANICAL, PLUMBING & FIRE PROTECTION**

MP-101	MECHANICAL & PLUMBING PLANS
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FP-101	FIRE PROTECTION PLAN
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**ELECTRICAL**

EQ-101	SYMBOL LIST & FIXTURE SCHEDULE
E-103	DIMENSION PLAN - ELECTRICAL
E-101	ELECTRICAL PLANS

**GENERAL PROJECT DESCRIPTION**

THIS PROJECT SHALL CONSIST OF INTERIOR RENOVATIONS TO AN EXISTING BUILDING AS DEFINED ON THE CHART BELOW.

PROJECT TYPE	YES	NO
NEW CONSTRUCTION (COMPLETELY NEW BUILDING AND SITE WORK)		●
ADDITION (NEW CONSTRUCTION TO INCREASE SIZE OF EXISTING BUILDING)		●
RENOVATION (REPLACEMENT OF EXISTING BUILDING COMPONENTS)	●	
SYSTEM UPGRADES		●

ITEM	YES	NO
NEW STRUCTURAL SYSTEM		●
EXISTING STRUCTURAL SYSTEM AFFECTED		●
EXISTING EXTERIOR WALLS AFFECTED		●
EXISTING INTERIOR WALLS AFFECTED		●
EXISTING INTERIOR FINISHES AFFECTED	●	
EXISTING ROOFING AFFECTED:		
1. NA		●
HVAC SYSTEMS AFFECTED:		
1. MINOR SHIFTING OF DUCTWORK TO ACCOMMODATE NEW CEILING	●	
ELECTRICAL SYSTEMS AFFECTED:		
1. RELOCATION OF POWER OUTLETS	●	
2. REPLACEMENT OF FLUORESCENT LIGHTING FIXTURES WITH LED FIXTURES		
PLUMBING SYSTEMS AFFECTED:		
1. RELOCATION OF SINK	●	

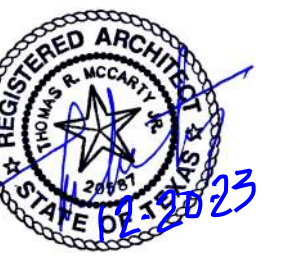


**VICINITY MAP**  
NORTH  
NOT TO SCALE

**PROJECT LOCATION**

BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING CHECK SCALE AND ADJUST ACCORDINGLY

ONE INCH REVISIONS:

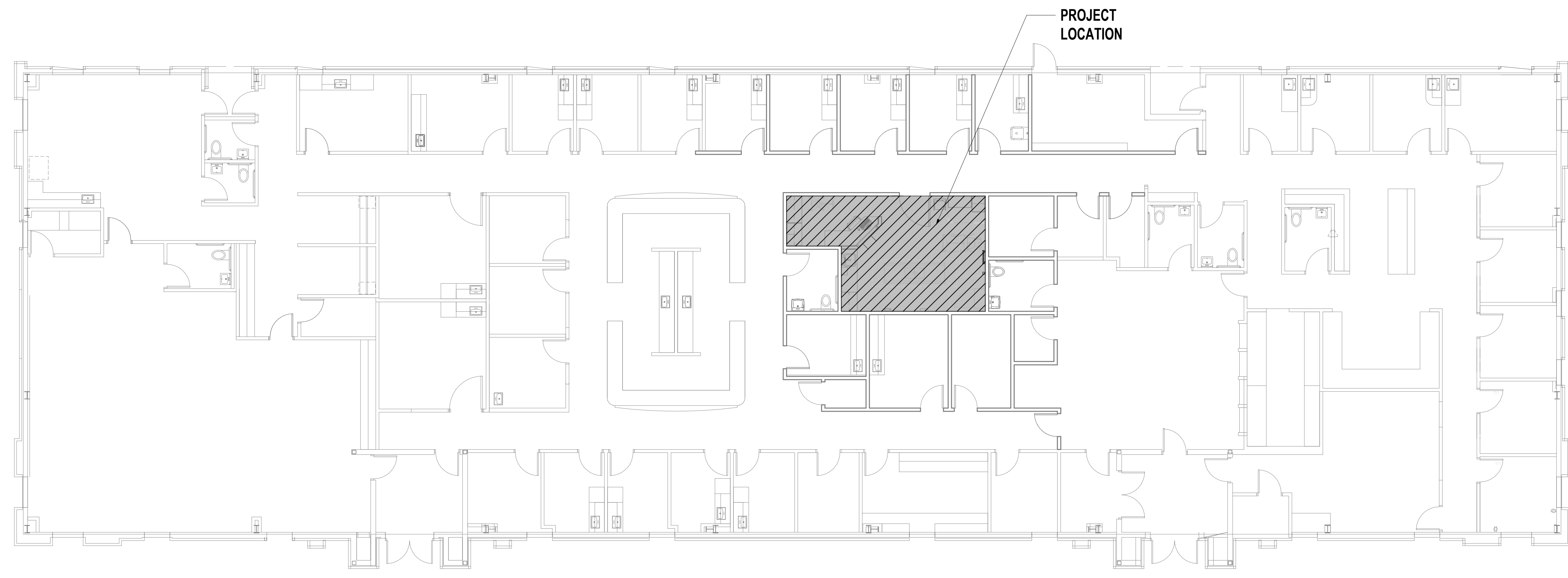


2102 ROOSEVELT DR.  
SUITE A  
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TYP. PROJECT # 17-1046



JPS HEALTH NETWORK  
RADIOLOGY ROOM 133  
1741 E. BARDIN RD., ARLINGTON, TX 76018





PROJECT  
LOCATION

1 LEVEL 1 LIFE SAFETY PLAN  
 1/8" = 1'-0" NORTH

NOTE: THERE IS NO CHANGE OF USE OR EXIT PATTERN RELATING TO THIS PROJECT.

**LIFE SAFETY PLAN GENERAL NOTES**

A ALL PENETRATIONS MADE THROUGH RATED WALLS SHALL BE CONSTRUCTED AND SEALED AS REQUIRED TO MAINTAIN THE REQUIRED WALL RATING.

**CODE INFORMATION**

- LOCAL - CITY OF ARLINGTON
- BUILDING: 2021 INTERNATIONAL BUILDING CODE WITH CITY OF ARLINGTON AMENDMENTS
  - ACCESSIBILITY: TEXAS ACCESSIBILITY STANDARDS 2012 EDITION
  - FIRE: 2021 INTERNATIONAL FIRE CODE WITH CITY OF ARLINGTON AMENDMENTS
  - PLUMBING: 2021 INTERNATIONAL PLUMBING CODE WITH CITY OF ARLINGTON AMENDMENTS
  - MECHANICAL: 2021 INTERNATIONAL MECHANICAL CODE WITH CITY OF ARLINGTON AMENDMENTS
  - ELECTRICAL: 2020 NATIONAL ELECTRICAL CODE WITH CITY OF ARLINGTON AMENDMENTS
  - ENERGY: 2021 INTERNATIONAL ENERGY CODE WITH CITY OF ARLINGTON AMENDMENTS

**OCCUPANCY/CONSTRUCTION TYPE BY CODE**

EXISTING BUILDING	OCCUPANCY		CONSTRUCTION TYPE	
	IBC	NFPA	IBC	NFPA
BUSINESS	BUSINESS	V-B	V-000	

NOTE: THERE IS NO CHANGE IN USE OR EXIT PATTERN RELATING TO THIS PROJECT

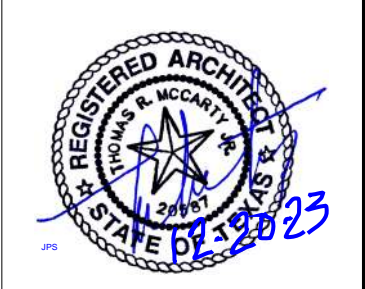
**PROJECT AREA**

336 SF

**LIFE SAFETY SYMBOLS**

- PATH OF TRAVEL & DIRECTION OF EGRESS (FOR CUMULATIVE DISTANCES REFER TO TRAVEL DISTANCE SCHEDULE)
- FILLED IN TRIANGLE REPRESENTS SIGN FACE
- REFER TO ELECTRICAL DRAWINGS FOR EXIT LIGHT FIXTURE
- ARROW SHOWS DIRECTION OF EXIT TRAVEL
- FIRE EXTINGUISHER AND RECESSED CABINET
- FIRE EXTINGUISHERS ON WALL BRACKET

BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING CHECK SCALE AND ADJUST ACCORDINGLY  
 ONE INCH REVISIONS:



2102 ROOSEVELT DR.  
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 DALWORTHVILLE, TEXAS 76031  
 PHONE: (817) 303-5400  
 TEXAS EXPIRES 1/1/2024  
 TYPIC FORM # T-15846

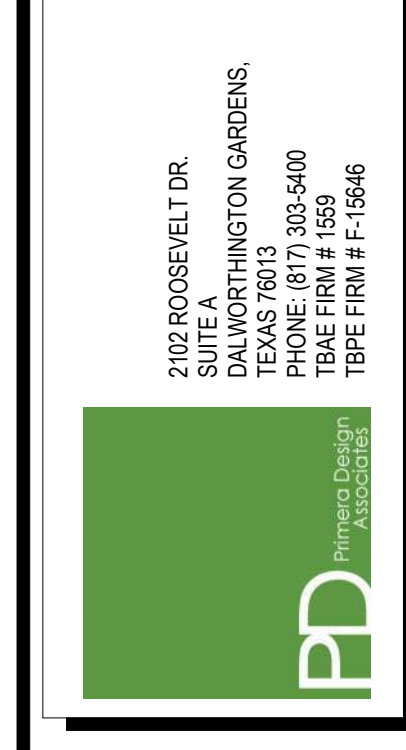
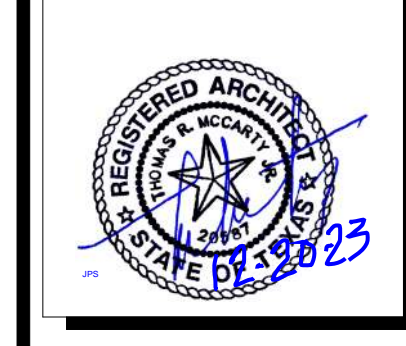


JPS HEALTH NETWORK  
 RADIOLOGY ROOM 133  
 1741 E BARDIN RD., ARLINGTON, TX 76018



BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING CHECK SCALE AND ADJUST ACCORDINGLY

ONE INCH REVISIONS:

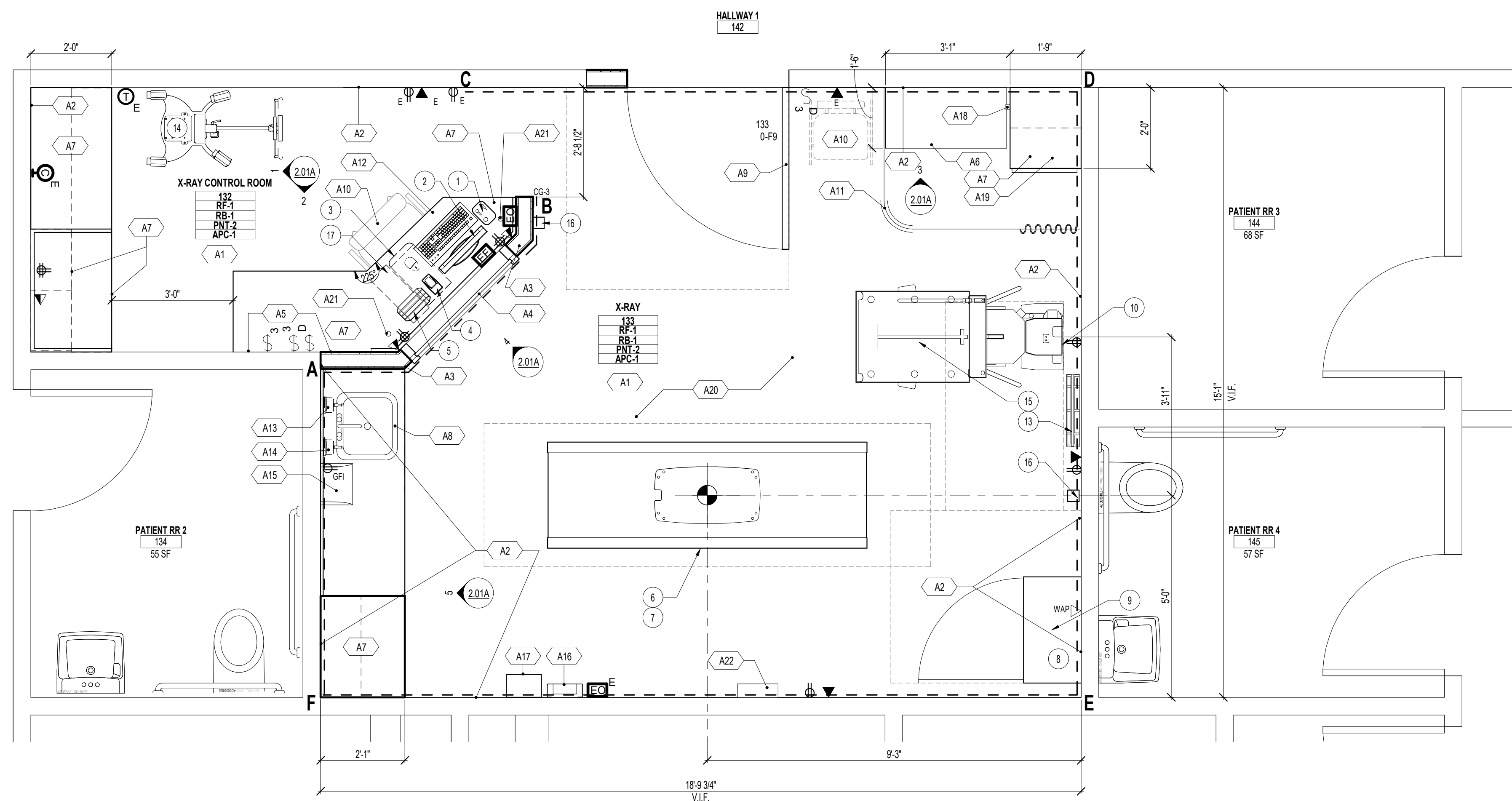


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RADIOLOGY ROOM 133  
1741 E BARDIN RD., ARLINGTON, TX 76018

FLOOR PLAN & DEMO PLAN

2.00A

BARDIN

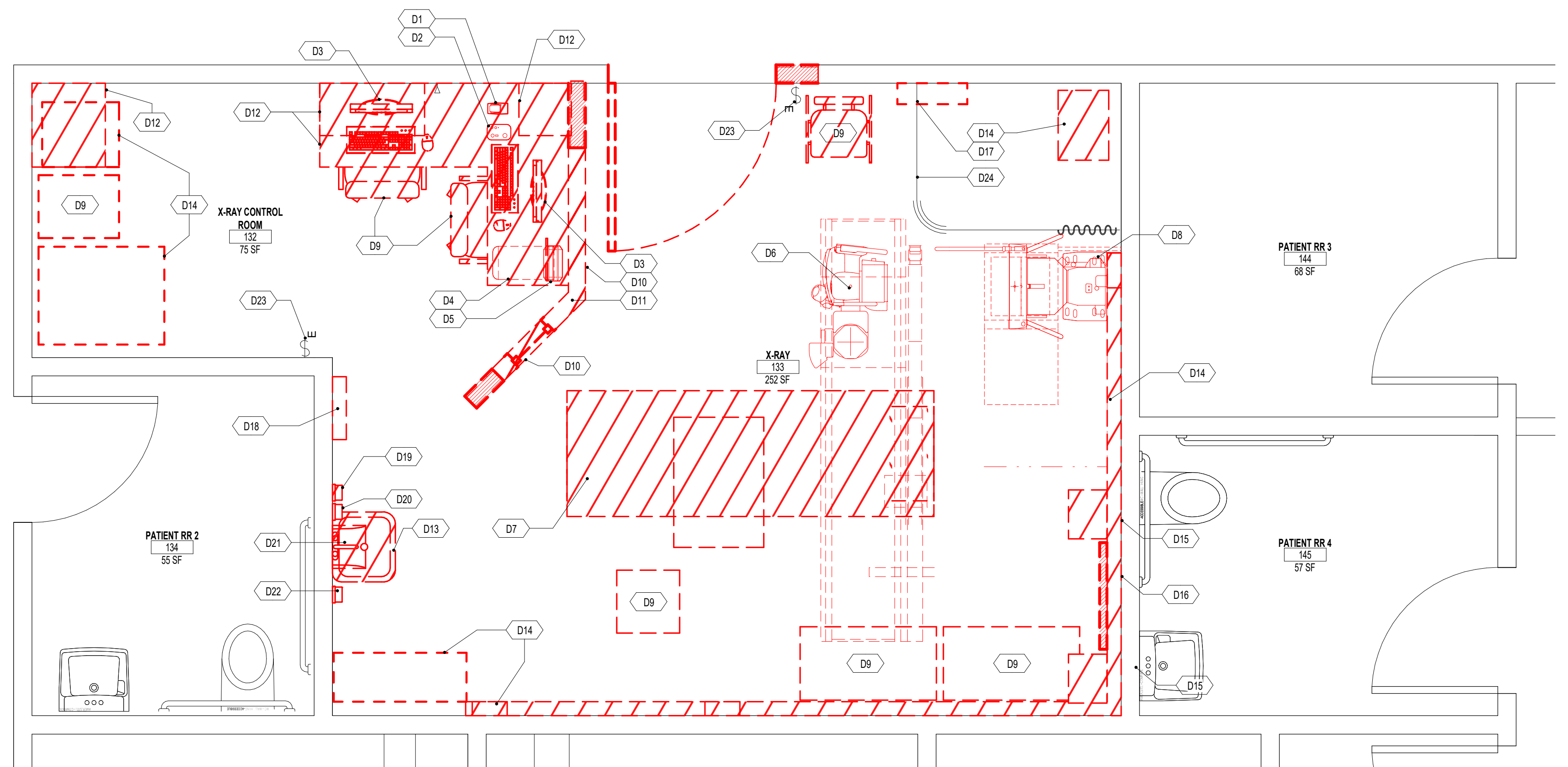


1 FLOOR PLAN  
1/2" = 1'-0"

TECHNOLOGY SYMBOLS LEGEND

- NOTE THAT ALL SYMBOLS WITH (E) ARE EXISTING TO REMAIN. ALL SYMBOLS WITH (X) ARE TO BE INSTALLED AT THAT INDICATED HEIGHT ABOVE FINISHED FLOOR. THE SYMBOLS ON THE ARCHITECTURAL PLAN ARE FOR REFERENCE. REVIEW ELECTRICAL DRAWINGS FOR MORE DETAIL.
- TELEPHONE AND DATA OUTLET
- EXISTING TELEPHONE AND DATA OUTLET
- WIFI ACCESS POINT
- WALL CLOCK
- THERMOSTAT
- EXISTING THERMOSTAT
- OUTLET, INSTALL AT HEIGHT INDICATED AFF.
- QUADRIPLEX OUTLET
- EXISTING QUADRIPLEX OUTLET
- GFI OUTLET
- EMERGENCY POWER OFF
- EQUIPMENT FEED
- LIGHT SWITCH
- 3 WAY LIGHT SWITCH
- LIGHT DIMMER
- EXISTING LIGHT SWITCH
- SPECIALTY OUTLET
- JUNCTION BOX
- DUPLEX OUTLET
- OUTLET ABOVE COUNTER
- EXISTING DUPLEX OUTLET

2 DEMOLITION FLOOR PLAN  
1/2" = 1'-0"



RADIATION PROTECTION SCHEDULE AT X-RAY ROOM #133 (REFER TO 11200)

BARRIER	THICKNESS OF LEAD SHIELDING REQUIRED
A TO B	1/2"
B TO C	--
C TO D	1/2"
D TO E	1/2"
E TO F	1/2"
F TO A	1/2"
CEILING	NONE RECOMMENDED
FLOOR	NONE RECOMMENDED

LETTERS ON CHART ABOVE CORRESPOND TO CORNERS OF THE ROOM AND ARE SHOWN ON THE PLAN.  
ANY VIEW WINDOW TO ROOM WILL REQUIRE THE SAME LEAD EQUIVALENT AS THE WALL OR DOOR IN WHICH IT IS LOCATED.

WALL POCHÉ LEGEND ON FLOOR PLANS

Symbol	Description
--- (dashed)	EXISTING PARTITION WALL
— (solid)	NEW PARTITION WALL

THE EQUIPMENT LEGEND BELOW IS ON THE FLOOR PLAN AND THE REFLECTED CEILING PLAN (SHEET 5.01A) TO ASSIST THE CONTRACTOR AND FOR REFERENCE ONLY. REFER TO THE LATEST OWNER FURNISHED EQUIPMENT PLAN FOR MORE DETAIL.

EQUIPMENT LEGEND

NO	DESCRIPTION	SMS SYM	WEIGHT (LBS)	BTU/HR TO AIR	DIMENSIONS (INCHES)			REMARKS
					W	D	H	
1	CONTROL MODULE	2	--	4 3/4	10	2 3/4	ON CUSTOMER'S COUNTER	
2	LED TOUCHSCREEN MONITOR	18	205	22 1/2	8 5/8	15 1/4	ON CUSTOMER'S COUNTER	
3	IMAGING SYSTEM CONTAINER (UNDER COUNTER)	53	955	12	22 1/8	22 1/8	**INCLUDES REQUIRED CLEARANCES	
4	REMOTE CONTROL CHARGING STATION	--	--	4 1/8	7 1/4	4	FOR AIM / AIM PLUS	
5	CHARGING STATION FOR MAX DETECTORS	4	--	12 1/2	6 3/4	2	ON CUSTOMER'S COUNTER	
6	YSIO XPREE TABLE WITH MOBILE DETECTOR	970	2,560	94 13/16	31 1/2	***	**20 1/4" TO 37 9/16"	
7	FLAT TABLE TOP	--	--	--	--	--	--	
8	POLYDOROS R80-2 (80 KW) GENERATOR CABINET	944	2,048**	31 1/2	17 1/8	86 3/4	**DURING OPERATION, 1,195 IN STANDBY MODE	
9	ACCESS POINT (TOP OF GENERATOR)	4	--	8	5 1/2**A	3**B	**A 12 1/4", **B 9" INCLUDING ANTENNAE	
10	YSIO XPREE WALL STAND WITH FIXED DETECTOR (RIGHT LOADING GRID)	496	751	30	35**A	83	**A - MAX. IN HORIZONTAL POSITION	
11	4.25M CEILING RAILS FOR X-RAY TUBE SUSPENSION	59	--	167 3/8	3	4	SIZE AND WEIGHT PER RAIL	
12	3M YSIO XPREE AIM PLUS BRIDGE & X-RAY TUBE STAND	803	3,072	119 1/4	39	**33 1/2	**TUBE CARRIAGE IN PARK POSITION	
13	GRID HOLDER (WALL MOUNTED)	22	--	21 11/16	4	16 9/16	LOCATED AND INSTALLED BY CUSTOMER/CONTRACTOR	
14	MOBILE DETECTOR HOLDER ON WHEELS	121	--	24 1/2	40 3/16	70 1/2	ROLL AROUND LATERAL HOLDER	
15	MULTIPURPOSE STAND (FOR ORTHO OPTION)	--	--	27	36	78	FOR ORTHO OPTION	
16	EMERGENCY MECHANICAL STOP SWITCH, QTY. 2	--	--	3 3/8	3 3/8	4 1/4	FOR FULLY AUTOMATED SYSTEM ONLY	
17	EATON UPS 5P 850G FOR IMAGING SYSTEM ONLY	22	135	6	13 5/8	9 1/4	LOCATED WITH CONTROL EQUIPMENT	

DEMOLITION FLOOR PLAN GENERAL NOTES:

- A. THE INTENT OF THE DEMOLITION PLANS IS TO REMOVE ALL EXISTING CONSTRUCTION ITEMS THAT ARE NOT REQUIRED FOR THE FINISHED NEW CONSTRUCTION EVEN IF NOT INDIVIDUALLY ENGINEERED. MECHANICAL AND ELECTRICAL ITEMS INCLUDING BUT NOT LIMITED TO DUCTWORK, PLUMBING, FIXTURES, ELECTRIC CONDUITS, BACK BOXES, PIPING, ETC. NOT REQUIRED FOR THE FINISHED BUILDING SHALL BE REMOVED.
- B. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION WORK. REMOVE PORTIONS OF EXISTING SURFACES REQUIRED FOR THE DEMOLITION OF MECHANICAL, PLUMBING, AND/OR ELECTRICAL WORK. REFACE ALL SURFACES WITH NEW MATERIALS OR PATCH EXISTING MATERIALS AS REQUIRED TO MATCH EXISTING SURFACES.
- C. COORDINATE MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION WITH REQUIREMENTS FOR NEW MECHANICAL AND ELECTRICAL WORK. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS, WHERE EXISTING PLUMBING, ELECTRICAL, OR HVAC DEVICES ARE REMOVED, REMOVE ALL PLUMBING, ELECTRICAL, OR HVAC LINES, DUCTS, SERVICES, ETC. BACK TO MAIN.
- D. AT ALL LOCATIONS WHERE NEW FLOORING IS SCHEDULED OR IT IS NOTED TO REMOVE EXISTING FLOORING, THE CONTRACTOR SHALL MECHANICALLY CLEAN THE FLOOR AS REQUIRED TO PROPERLY INSTALL THE NEW SCHEDULED FLOORING. SOILS MAY NOT COMPLETELY CLEAN THE EXISTING CONCRETE TO PROVIDE AN ACCEPTABLE BASE FOR NEW FLOOR FINISH ADHESIVES. THEREFORE THERE ARE A VARIETY OF MECHANICAL MEANS WHICH MAY BE USED TO CLEAN THE FLOOR THOROUGHLY.
- E. THE CONTRACTOR SHALL FILL ALL EXISTING FLOOR DEPRESSIONS AND OPENINGS EVEN IF NOT INDIVIDUALLY ENGINEERED.
- F. IT IS THE INTENT, EVEN IF NOT SPECIFICALLY NOTED ON THE DRAWINGS, THAT THE CONSTRUCTION/REMODEL PERMETER TO BE SEALED IN A MANNER TO PREVENT CONSTRUCTION DEBRIS AND DUST FROM MIGRATING FROM A CONSTRUCTION AREA TO A BUILDING OPERATIONAL AREA, AS REQUIRED FOR EACH PHASE OF CONSTRUCTION.
- G. OWNER WILL REMOVE ANY ITEMS THEY WANT TO SALVAGE PRIOR TO COMMENCING DEMOLITION. HOWEVER, OWNER RETAINS FIRST RIGHT TO SALVAGED MATERIALS EVEN IF NOT INDIVIDUALLY ENGINEERED. AT THE OWNER'S REQUEST, CONTRACTOR WILL DELIVER REQUESTED SALVAGE MATERIAL TO THE OWNER.
- H. SINK OUT AND REMOVE PORTION OF EXISTING CONCRETE SLAB OR CORE FLOOR AS REQUIRED FOR INSTALLATION OF NEW UNDER FLOOR UTILITIES (TYPICAL).
- I. REMOVE EXISTING GYPSUM BOARD WHERE REQUIRED TO MEET RADIATION PROTECTION SCHEDULE.

DEMOLITION FLOOR PLAN LEGEND

--- (dashed)	WALLS, DOORS, MILLWORK, FIXTURES, ETC. TO BE REMOVED
— (solid)	EXISTING TO REMAIN

FLOOR PLAN NOTES BY NUMBER

- A1 PAINT ALL WALLS.
- A2 PATCH TAPES, BEG. AND TEXTURE WALLS WHERE WALL OR WALL MOUNT ITEMS EQUIPMENT WERE REMOVED.
- A3 INSTALL NEW DRYWALL PARTITION WHERE EXISTING IS REMOVED. DRYWALL PARTITION TO CONSIST OF 3/8" METAL STUDS WITH (1) LAYER OF GYP BOARD ON BOTH SIDES.
- A4 PROVIDE AND INSTALL NEW WINDOW.
- A5 ALUM WALLS.
- A6 PROVIDE AND INSTALL NEW BUILT-IN BENCH WITH FLIP UP SEAT. SEE DETAIL 132.01A.
- A7 PROVIDE AND INSTALL NEW MILLWORK.
- A8 PROVIDE AND INSTALL NEW COUNTER AND SINK. SEE PLUMBING DRAWINGS FOR NEW SINK.
- A9 PROVIDE AND INSTALL NEW LEAD LINED DOOR AND FRAME.
- A10 NEW FURNITURE BY OWNER.
- A11 REINSTALLED PRIVACY CURTAIN AND TRACK.
- A12 PANIC BUTTON UNDER COUNTER.
- A13 RELOCATED PAPER TOWEL DISPENSER.
- A14 RELOCATED HAND SANITIZER DISPENSER.
- A15 RELOCATED SOAP DISPENSER.
- A16 RELOCATED GLOVE DISPENSER.
- A17 RELOCATE SHIPPYMONOMETER CANSISTER.
- A18 PROVIDE AND INSTALL NEW COAT HOOK. REFER TO TOILET ACCESSORIES MOUNTING HEIGHTS FOR ADDITIONAL INFORMATION.
- A19 EXISTING SOLED HAMPER TO BE STORED WITHIN NEW MILLWORK.
- A20 COORDINATE WITH OWNER FURNISHED EQUIPMENT DRAWINGS FOR FLOOR SURFACE REQUIREMENTS.
- A21 COORDINATE WITH OWNER FURNISHED EQUIPMENT DRAWINGS TO LOCATE GROMMET OPENINGS.
- A22 BIOHAZARD BIN BY OWNER.

FLOOR PLAN GENERAL NOTES

- A. ALL DIMENSIONS ARE TO COLUMN CENTERLINES OR FACE OF FINISHED WALLS OR SURFACES UNLESS NOTED OTHERWISE.
- B. REFER TO DEMOLITION DRAWINGS, IF ANY, FOR WORK REQUIRED IN ADVANCE OF CONSTRUCTION AND COORDINATE ACCORDINGLY.
- C. ALL DOOR FRAMES ARE TO BE INSTALLED 1/4" AWAY OF ADJACENT PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
- D. REFER TO INTERIOR COLOR SCHEDULE ON THIS SHEET FOR INTERIOR FINISH SPECIFIC INFORMATION, IF APPLICABLE.
- E. REFER TO OWNER PROVIDED EQUIPMENT DRAWINGS, IF ANY, FOR ADDITIONAL EQUIPMENT SPECIFIC INFORMATION.

INTERIOR COLOR SCHEDULE

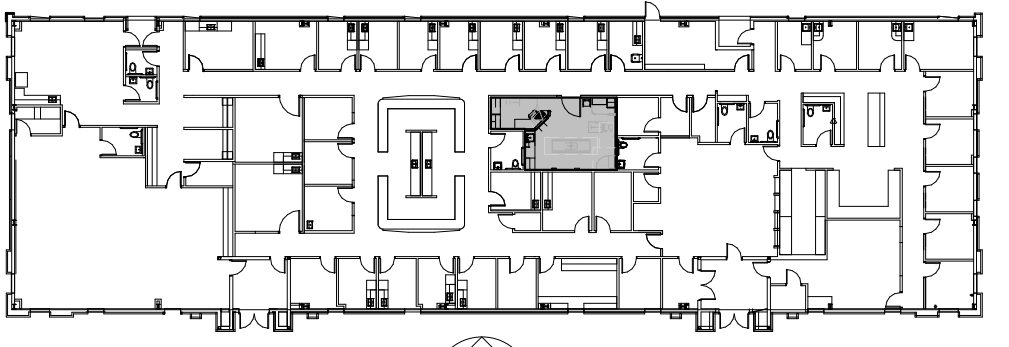
MARK	TYPE	MANUFACTURER	NUMBER	COLOR	SIZE	COMMENTS	CONTACT
<b>FLOORING</b>							
RF-1	RUBBER FLOORING, WELDED	NORA	--	PALAZZO 5355	30.53"X30.53"X5 MM	NORAMANT CASTELLO STYLE	--
<b>WALL BASE</b>							
RB-1	RESILIENT BASE	ROPPE	--	CHARCOAL 123	4" HIGH	FIELD WALL BASE; STANDARD TOE KICK BASE	--
<b>WALL FINISHES</b>							
PNT-2	PAINT	SHERWIN WILLIAMS	SW 9541	WHITE SNOW	--	--	WWW.SHERWINWILLIAMS.COM
<b>WALL PROTECTION</b>							
CG-3	END WALL PROTECTION	INPRO	1500 HIGH IMPACT	FEATHER 0238	3" x 7" FULL HEIGHT	PROVIDE CG-3 IN LOCATIONS AT END WALL CONDITIONS	--
<b>CEILING</b>							
APC-1	ACOUSTICAL TILE, REGULAR EDGE	ARMSTRONG	ULTRA HIGH NAC, 1941	WHITE	24" x 24" x 7/8" THICK	FIELD WHITE GRID; 15'10" PRELUDE WHITE GRID.	--
<b>MILLWORK</b>							
<b>VERTICAL MILLWORK (SPASH GUARD &amp; TRIM WHERE APPLICABLE)</b>							
PL-1	PLASTIC LAMINATE	WILSONART	TYPE 107	SHAKER CHERRY 7535-60	--	FIELD MILLWORK	--
<b>HORIZONTAL MILLWORK (SURFACES (COUNTERTOPS, ETC.))</b>							
SF-1	SOLID SURFACE	CORIAN DUPONT	--	ARCTIC ICE	1 1/2" THICK	FIELD COUNTERTOPS	--
<b>DOOR FINISH</b>							
--	--	--	--	--	--	--	--

GENERAL PAINTING NOTES

- 1. PAINT ALL INTERIOR PRIMED STRUCTURAL ITEMS EXPOSED TO VIEW.
- 2. PAINT ALL UNFINISHED SURFACES EXPOSED TO VIEW NOT SCHEDULED TO RECEIVE ANY OTHER FINISH UNLESS NOTED OTHERWISE.
- 3. IN ROOMS WITHOUT FINISHED CEILINGS, PAINT ALL EXPOSED ELEMENTS SUCH AS STRUCTURE, CONDUITS, PIPING, HVAC, DUCTWORK, ETC.
- 4. PAINT ALL SIDES OF FURFOLDINGS AND SCRIPITS. PAINT ALL SCOFF FACED ELEMENTS AS NOTED.
- 5. PAINT ALL SIDES OF HOLLOW METAL DOORS & FRAMES.
- 6. COMPLETE COVERAGE OF ALL EXPOSED SURFACES IS INTENDED UNLESS SPECIFICALLY NOTED NOT TO BE PAINTED. DO NOT PAINT THE FOLLOWING ITEMS, UNLESS NOTED OTHERWISE:
  - A. FACTORY FINISHED MATERIALS AND EQUIPMENT.
  - B. NON-FERROUS METALS EXCEPT FOR ITEMS INDICATED TO BE PAINTED.
  - C. MOVING PARTS OF OPERATING UNITS, MECHANICAL AND ELECTRICAL PARTS SUCH AS VALVE AND DAMPER OPERATORS, LINAGES, SENSING DEVICES, MOTOR OR FAN SHAFTS.
  - D. COLE REQUIRED LABELS SUCH AS UNDERWRITER LABORATORIES AND FACTORY MUTUAL, OR ANY EQUIPMENT IDENTIFICATION, PERFORMANCE RATING, INSTRUCTIONS, NAME OR NOMENCLATURE LABELS.
  - E. DUCT SHIFTS, CONCEALED SPACES, AND CONCEALED PIPES AND DUCTS.
  - F. ACOUSTICAL TILE AND SUSPENSION SYSTEM, UNLESS NOTED OTHERWISE.
  - G. CONCRETE FLOORS.
  - H. STRUCTURAL STEEL WORK CONCEALED BY INTERIOR BUILDING FINISHES.
  - I. PLASTIC LAMINATE OR SOLID POLYMER.
  - J. SYNTHETIC STUCCO.
  - K. PREFINISHED ALUMINUM FRAMES.
  - L. GLASS.
- 7. ALL GYPSUM BOARD WALLS AND CEILINGS ARE TO BE LEVEL 4 FINISH UNLESS NOTED OTHERWISE. ALL GYPSUM BOARD SURFACES ARE TO RECEIVE LIGHT ORANGE PEEL TEXTURE AS APPROVED BY OWNER.
- 8. INTERIOR PAINT SHEEN:
  - A. PAINTED WALLS AND CEILINGS ARE TO BE PAINTED IN EGGSHELL SHEEN UNLESS NOTED OTHERWISE.
  - B. PAINTED METALS, INCLUDING STRUCTURAL ELEMENTS TO BE PAINTED IN SEMI-GLOSS SHEEN UNLESS NOTED OTHERWISE.
  - C. PAINTED DOORS, FRAMES, AND TRIM TO BE PAINTED IN SEMI-GLOSS SHEEN UNLESS NOTED OTHERWISE.

DEMOLITION FLOOR PLAN NOTES BY NUMBER

- D1 EXISTING CONTROL MODULE TO BE REMOVED BY OWNER
- D2 EXISTING REMOTE CONTROL CHARGING STATION TO BE REMOVED BY OWNER
- D3 EXISTING LED TOUCHSCREEN MONITOR TO BE REMOVED BY OWNER
- D4 EXISTING IMAGING SYSTEM CONTAINER (UNDER COUNTER) TO BE REMOVED BY OWNER
- D5 EXISTING CHARGING STATION FOR MAX DETECTORS TO BE REMOVED BY OWNER
- D6 EXISTING 3M YSIO XPREE AIM PLUS BRIDGE AND X-RAY TUBE STAND TO BE REMOVED BY OWNER
- D7 EXISTING YSIO XPREE TABLE WITH MOBILE DETECTOR TO BE REMOVED BY OWNER
- D8 EXISTING YSIO XPREE WALL STAND WITH FIXED MONITOR TO BE REMOVED BY OWNER
- D9 EXISTING FURNITURE TO BE REMOVED BY OWNER
- D10 REMOVE EXISTING WINDOW
- D11 REMOVE EXISTING WALL
- D12 REMOVE EXISTING MILLWORK
- D13 REMOVE EXISTING WALL MOUNTED SINK
- D14 EXISTING EQUIPMENT TO BE REMOVED BY OWNER
- D15 REMOVE EXISTING WALL MOUNTED SHELVING
- D16 REMOVE EXISTING COAT HOOKS
- D17 EXISTING EQUIPMENT TO BE REMOVED BY OWNER
- D18 EXISTING GLOVE DISPENSER TO BE REMOVED BY OWNER. PROTECT AND STORE FOR RELOCATION
- D19 REMOVE EXISTING HAND SANITIZER DISPENSER. PROTECT AND STORE FOR RELOCATION
- D20 REMOVE EXISTING SHIPPYMONOMETER CANSISTER. PROTECT AND STORE FOR RELOCATION
- D21 REMOVE EXISTING PAPER TOWEL DISPENSER. PROTECT AND STORE FOR RELOCATION
- D22 REMOVE EXISTING SOAP DISPENSER. PROTECT AND STORE FOR RELOCATION
- D23 REMOVE EXISTING LIGHT SWITCH. REFER TO ELECTRICAL DRAWINGS.
- D24 CUBICLE CURTAIN TRACK TO BE SALVAGED AND REINSTALLED ON NEW CEILING.



PROJECT LOCATION  
SCALE: NONE  
NORTH

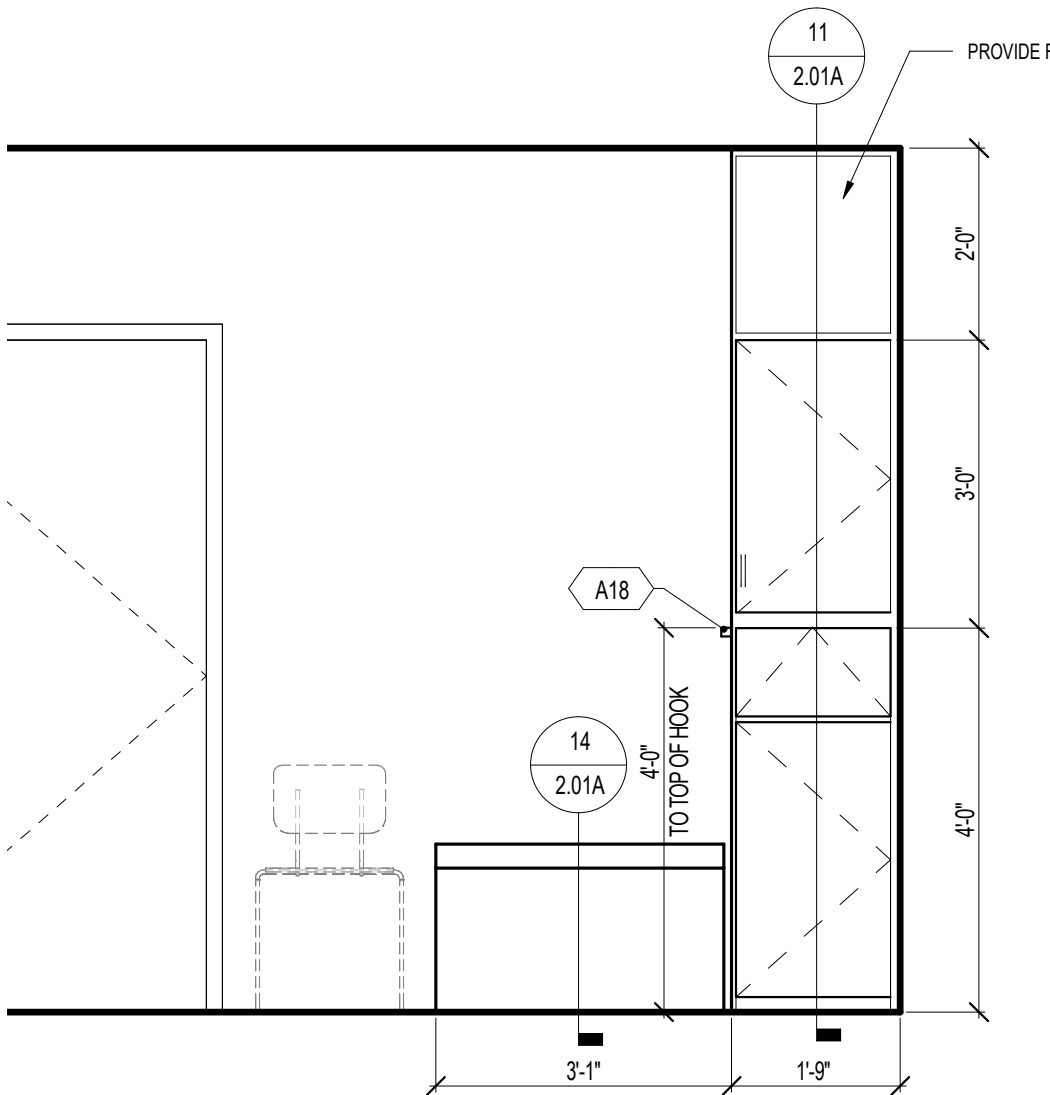


**MILLWORK NOTES**

- A. CABINET SECTIONS SHOWN ON THIS SHEET ILLUSTRATE TYPICAL CONSTRUCTION AND NOT EVERY DOOR AND/OR DRAWER VARIATION IS SHOWN.
- B. ALL CABINETRY IS PLASTIC LAMINATE CLAD, U.N.O. THE INTENT IS FOR ALL SURFACES TO BE COVERED WITH PLASTIC LAMINATE INCLUDING BUT NOT LIMITED TO THE UNDERSIDE OF THE SPACERS, UNDERSIDE OF PLASTIC LAMINATE COUNTERTOPS AS A "BALANCE SHEET" UNDERSIDE OF APRONS, UNDERSIDE OF COUNTERTOP EDGES. ALL COUNTERTOPS ARE SOLID SURFACE UNLESS NOTED OTHERWISE.
- C. AT SOLID SURFACE EASE ALL EDGES TO APPROXIMATE 1/8" RADIUS U.N.O.
- D. PROVIDE TRIM & FILLER PANELS AS REQUIRED WHERE EQUIPMENT IS LOCATED WITHIN CABINET UNITS.
- E. AT THE BOTTOM OF UPPER CABINET UNITS, ALLOW FOR CONTINUOUS RUNS OF UNDERCOUNTER LIGHTS. SEE ALSO ELECTRICAL DRAWINGS.
- F. PROVIDE END SPLASHES WHERE COUNTERTOPS ABUT WALLS AT ENDS OF COUNTERS, U.N.O.
- G. FILE DRAWERS ARE NOTED ON ELEVATIONS.
- H. PROVIDE COUNTERTOP METAL BRACKET SUPPORTS AT 30" O.C. MAX. @ KNEESPACES & LAVATORY COUNTERS, U.N.O. AT COUNTERS THAT ARE OPEN ON THE ENDS WITH NO BASE CABINET, OR END PANELS TO SUPPORT THE COUNTER. THEN PROVIDE METAL BRACKET FOR SUPPORT.
- I. 2" DEEP COUNTERTOPS - GAMMAS MODEL G-18-24 C WP BX WORKSTATION BRACKETS - [WWW.GAMMASPLACENTS.COM](http://WWW.GAMMASPLACENTS.COM)
- J. 1/2" DEEP COUNTERTOPS - GAMMAS MODEL G-15-15 C WP BX WORKSTATION BRACKETS - [WWW.GAMMASPLACENTS.COM](http://WWW.GAMMASPLACENTS.COM)
- K. PROVIDE 7" FRAME FOR BLACK GRANITE AT BACK OF COUNTERTOPS - 1 PER 30" OF KNEESPACE WIDTH. LOCATE IN FIELD WITH OWNER.
- L. PAINT OR SEAL ALL VISIBLE WOOD, PL WOOD OR NOF BLOCKS, CLEATS, SUPPORTS, BRACES, ETC. AT KNEESPACES. I.E. NO UNFINISHED WOOD PRODUCT SURFACES OR EDGES.
- M. WHERE MILLWORK IS TO FIT BETWEEN TWO WALLS AND A WALL TO WALL DIMENSION IS SHOWN, IT IS AT FACE OF PARTITION TO FACE OF PARTITION WITHOUT ANY APPLIED FINISH SUCH AS WALL TILE. HOWEVER, THESE CONDITIONS MUST BE FIELD MEASURED BEFORE FABRICATION OF MILLWORK.

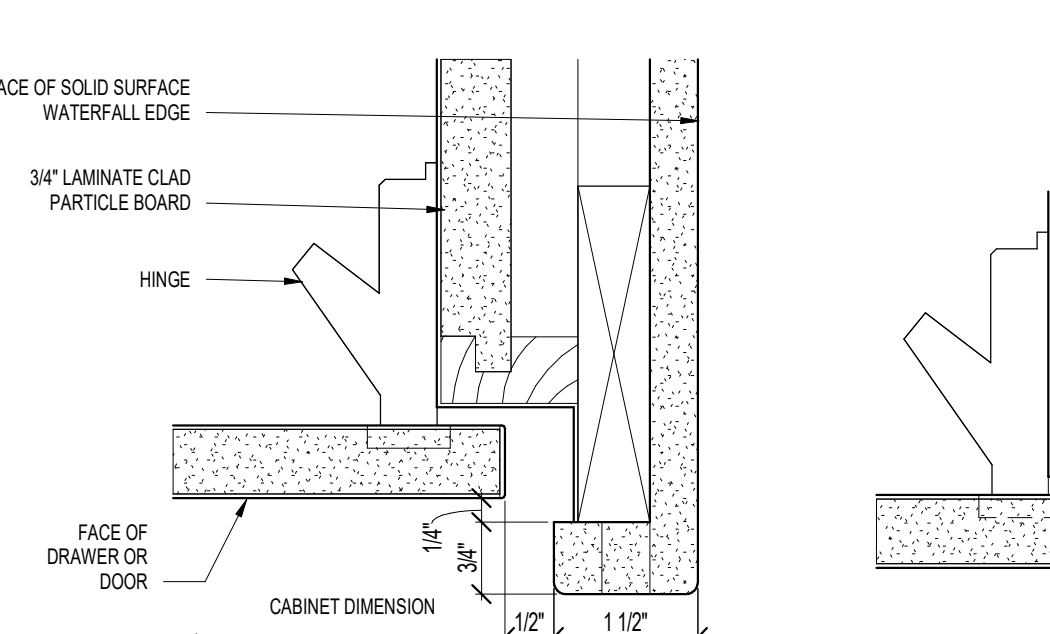
**1 ELEVATION - X-RAY CONTROL - WEST**  
12' x 1'-0"

**2 ELEVATION - X-RAY CONTROL - SOUTH**  
12' x 1'-0"



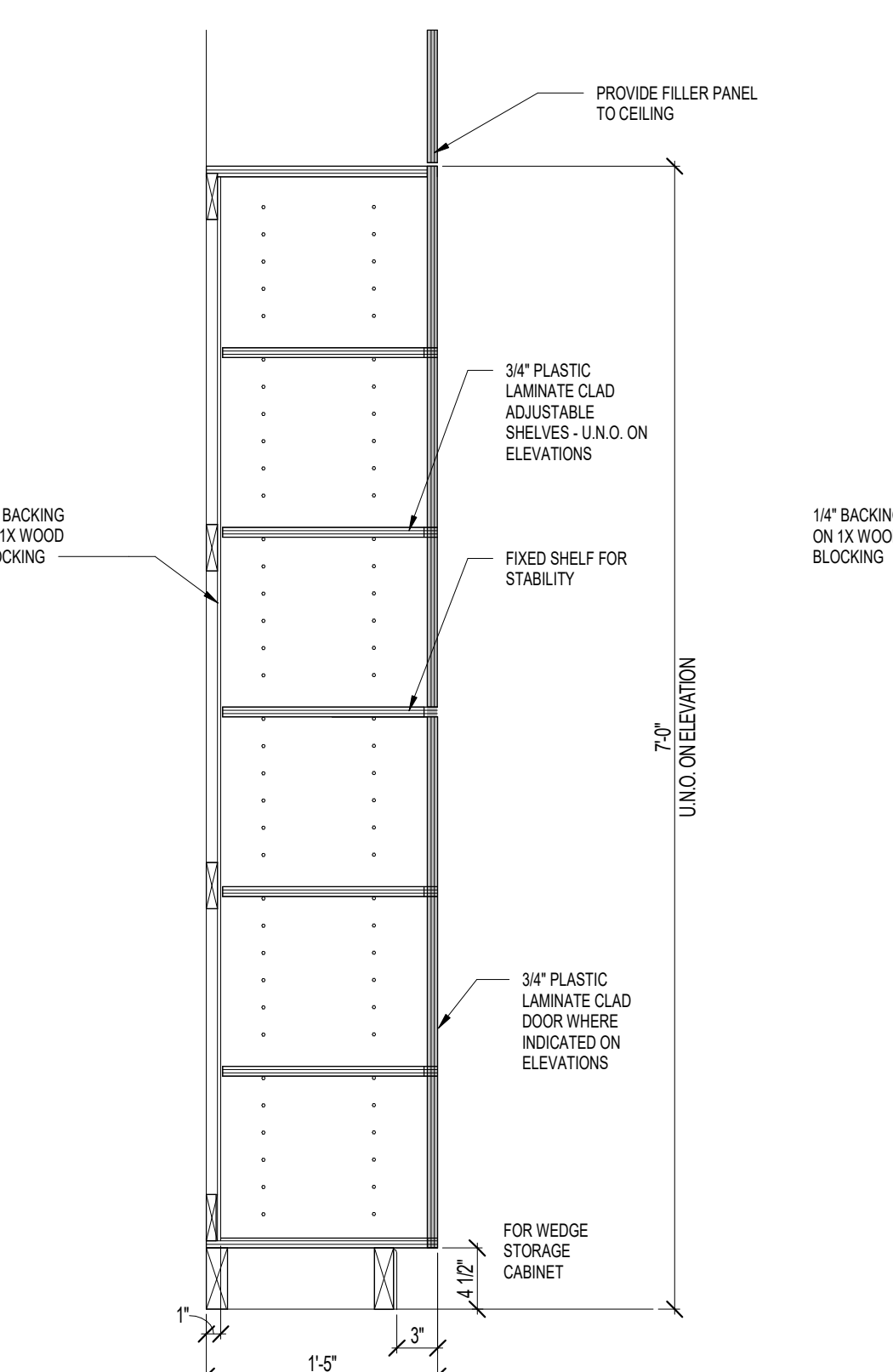
**4 ELEVATION - XRAY - CONTROL WINDOW**  
12' x 1'-0"

**5 ELEVATION - XRAY SINK**  
12' x 1'-0"



**7 HINGE DETAIL - TYPICAL**  
6\"/>

**8 SHELF CABINET DETAIL - TYPICAL**  
6\"/>

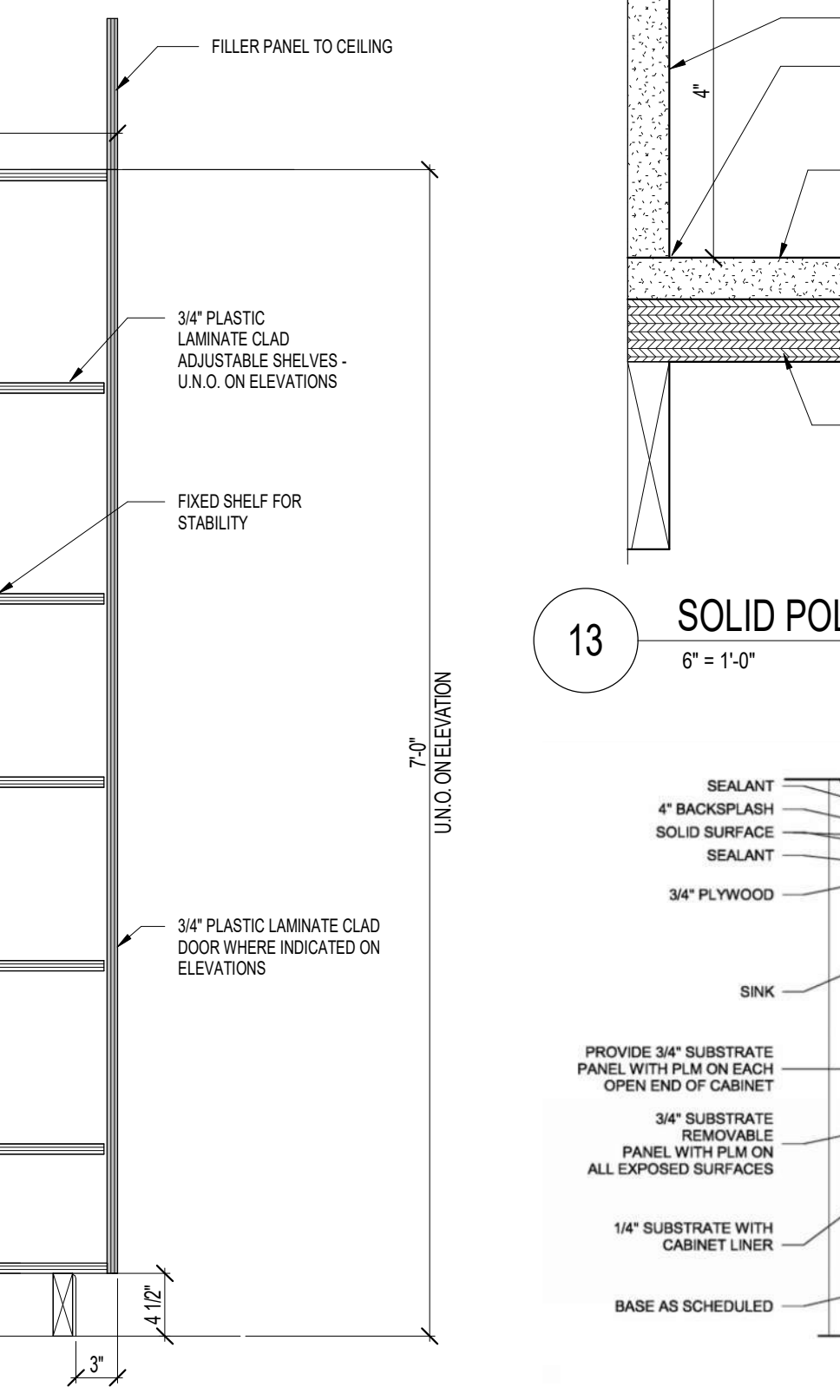
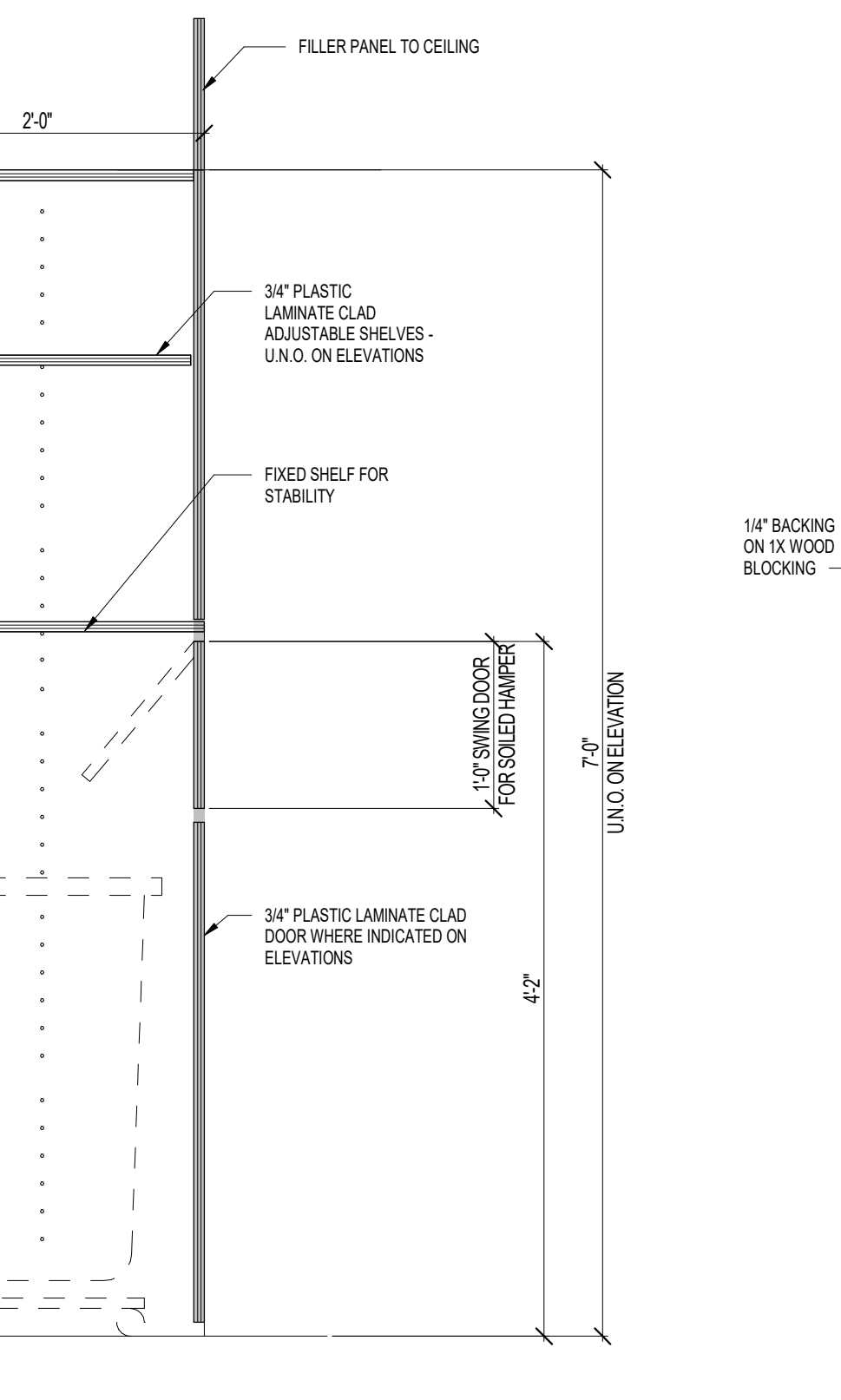
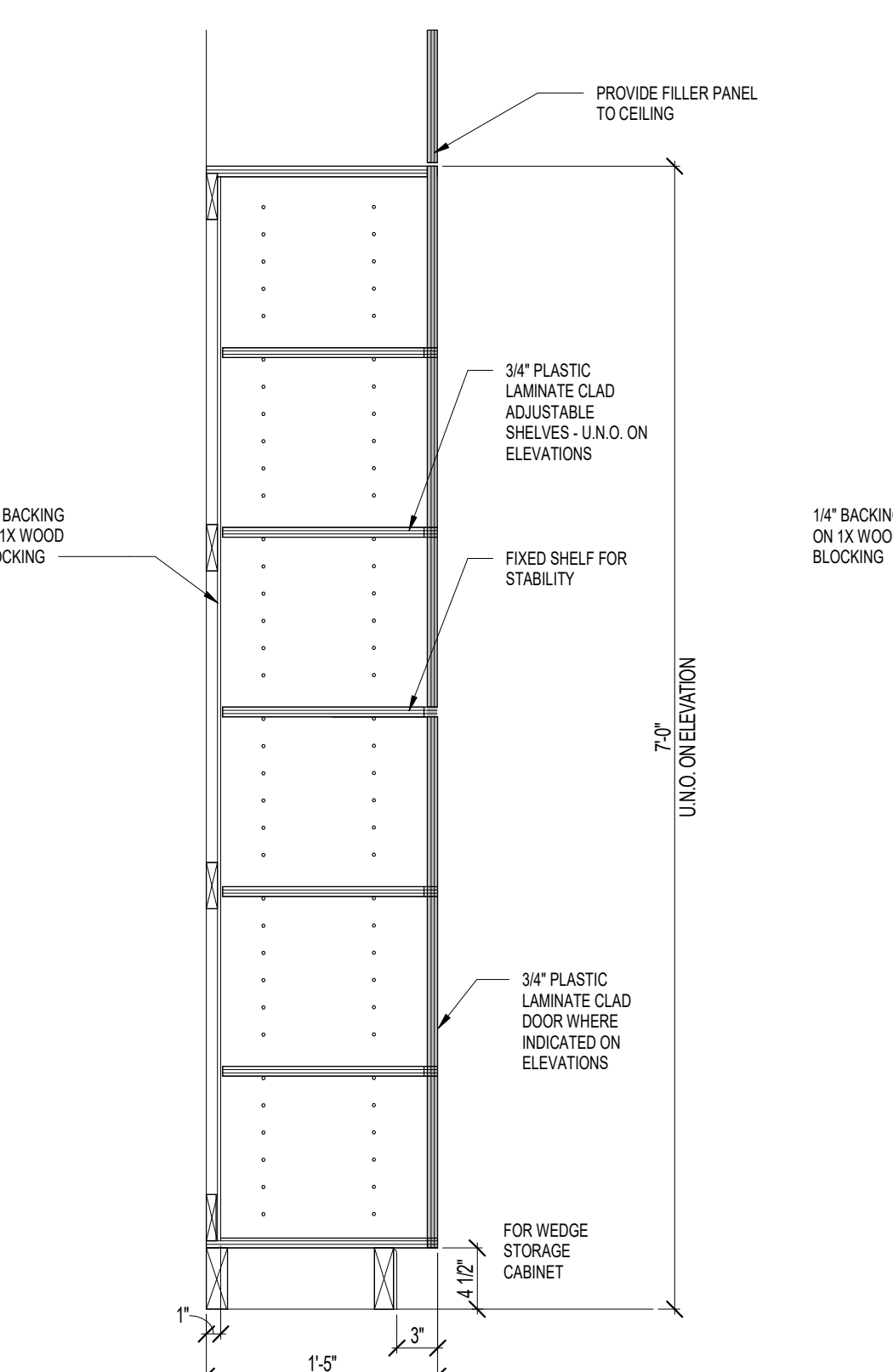


**11 TALL SHELF UNIT WITH HINGED DOOR**  
1' x 1'-0"

**12 TALL SHELF UNIT - STORAGE**  
1' x 1'-0"

**10 TALL SHELF UNIT WITH DOORS**  
1' x 1'-0"

**9 COUNTER WITH BRACKET-SPF-24\"/>**



**13 SOLID POLYMER BACKSLASH & NOSING - TYPICAL**  
6\"/>

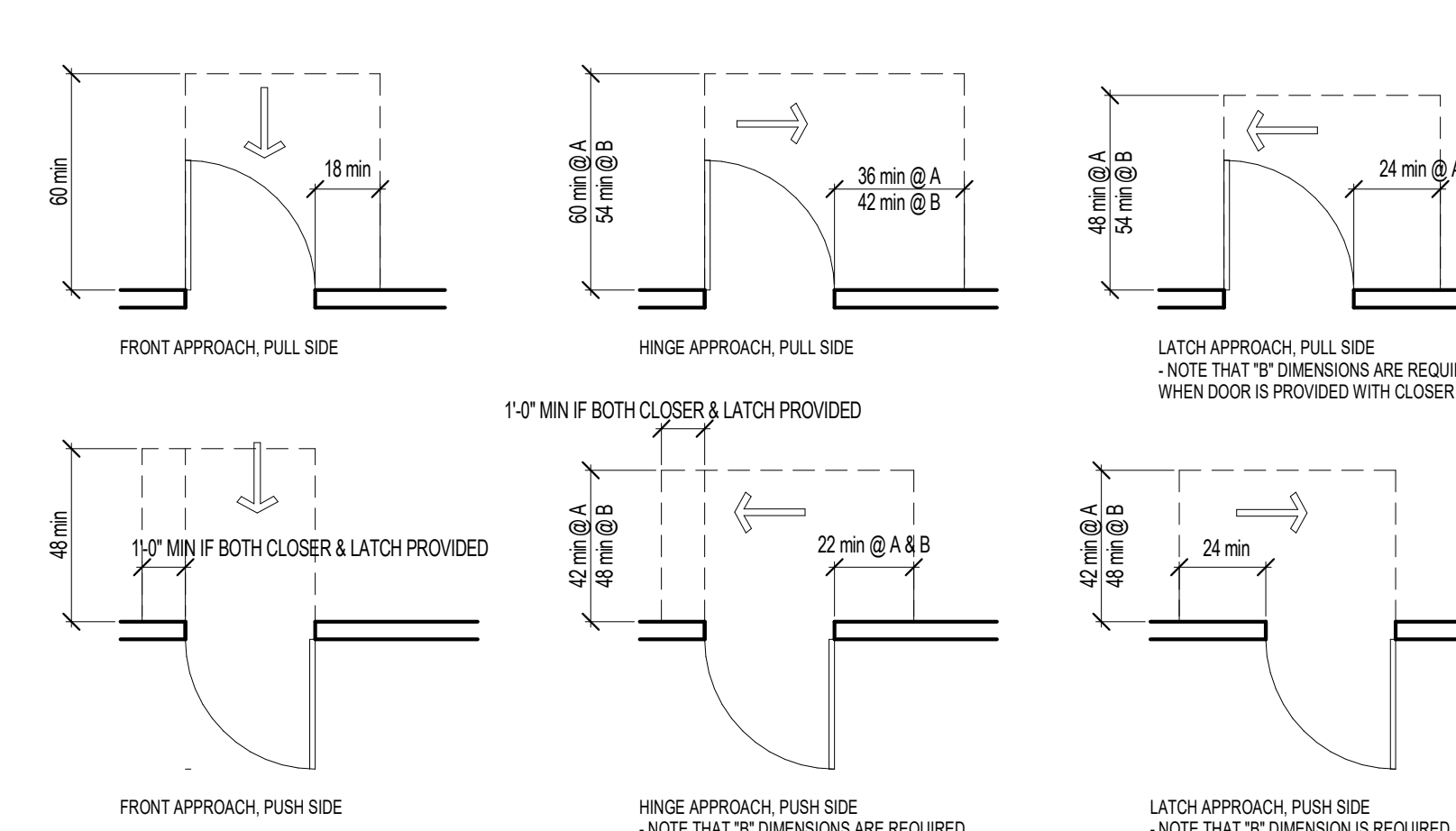
**14 STORAGE BENCH**  
1' x 1'-0"

**15 BASE CABINET AT ACCESSIBLE SINK WITH KNEE SPACE (JPS)**  
1' x 1'-0"

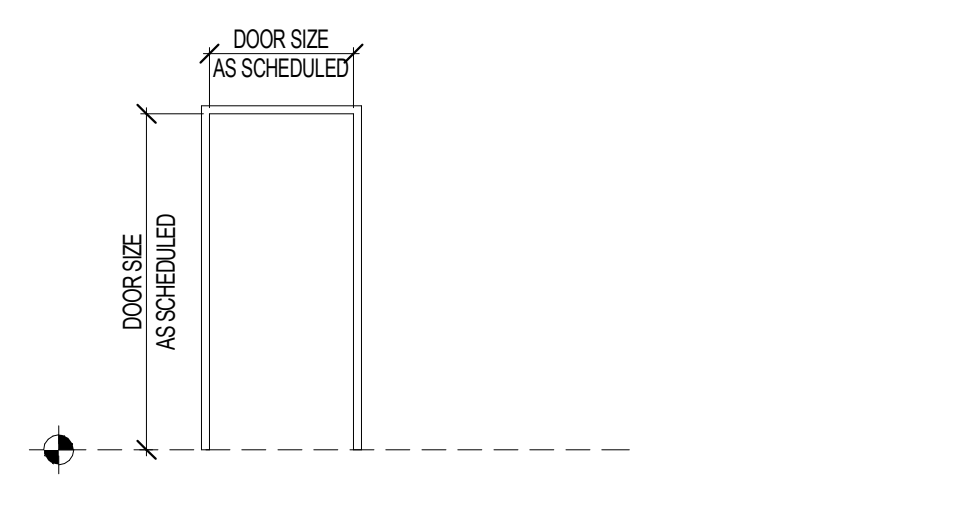
**16 SOLID POLYMER COUNTERTOP**  
1' x 1'-0"

**15 BASE CABINET AT ACCESSIBLE SINK WITH KNEE SPACE (JPS)**  
1' x 1'-0"

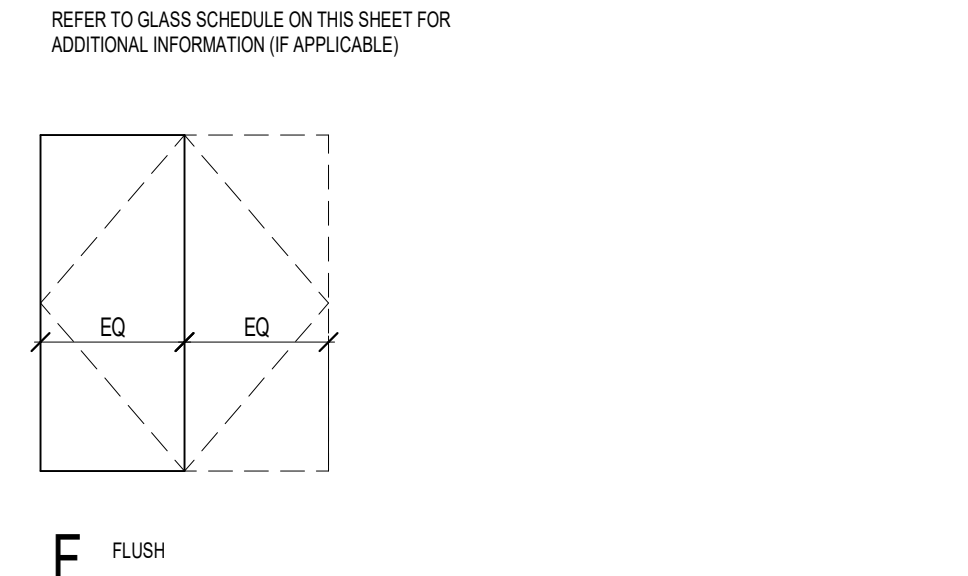
**16 SOLID POLYMER COUNTERTOP**  
1' x 1'-0"



**MINIMUM MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS & GATES**



**HOLLOW METAL DOOR AND WINDOW FRAME TYPES**



**DOOR TYPES ELEVATIONS**

REFER TO FLOOR PLANS TO DETERMINE IF DOORS ARE SINGLE DOORS OR DOUBLE DOORS TO OBTAIN SIZES OF DOORS. REFER TO THE FLOOR PLAN TO OBTAIN DOOR TYPE AND THEN REFER TO DOOR TYPES SCHEDULE.

DOOR TYPE	DOORS				FRAME				REMARKS
	WIDTH	HEIGHT	MATERIAL	GLASS	ELEVATION	MATERIAL	GLASS		
FD	1'-0"	1'-0"	WOOD	N/A	IF	STEEL	N/A	DOOR TO BE LEAD LINED. SEE DETAILS ON THIS SHEET.	

**DOOR GENERAL NOTES**

- A. TYPICAL DOOR DETAILS ARE SHOWN ON THIS SHEET. SEE FLOOR PLANS FOR SPECIALIZED PLAN DETAIL REFERENCES FOR ATYPICAL CONDITIONS.
- B. DOOR FRAME THROAT DIMENSIONS: REFER TO FLOOR PLANS FOR THE APPLICABLE PARTITION TYPE.
- C. ALL WOOD DOORS TO BE PLASTIC LAMINATE WOOD UNLESS NOTED OTHERWISE.

**DOOR TYPES SCHEDULE NOTES AND LEGEND**

1) WITH THIS DOOR SCHEDULING SYSTEM, EACH AND EVERY DOOR IS NOT SCHEDULED INDIVIDUALLY.

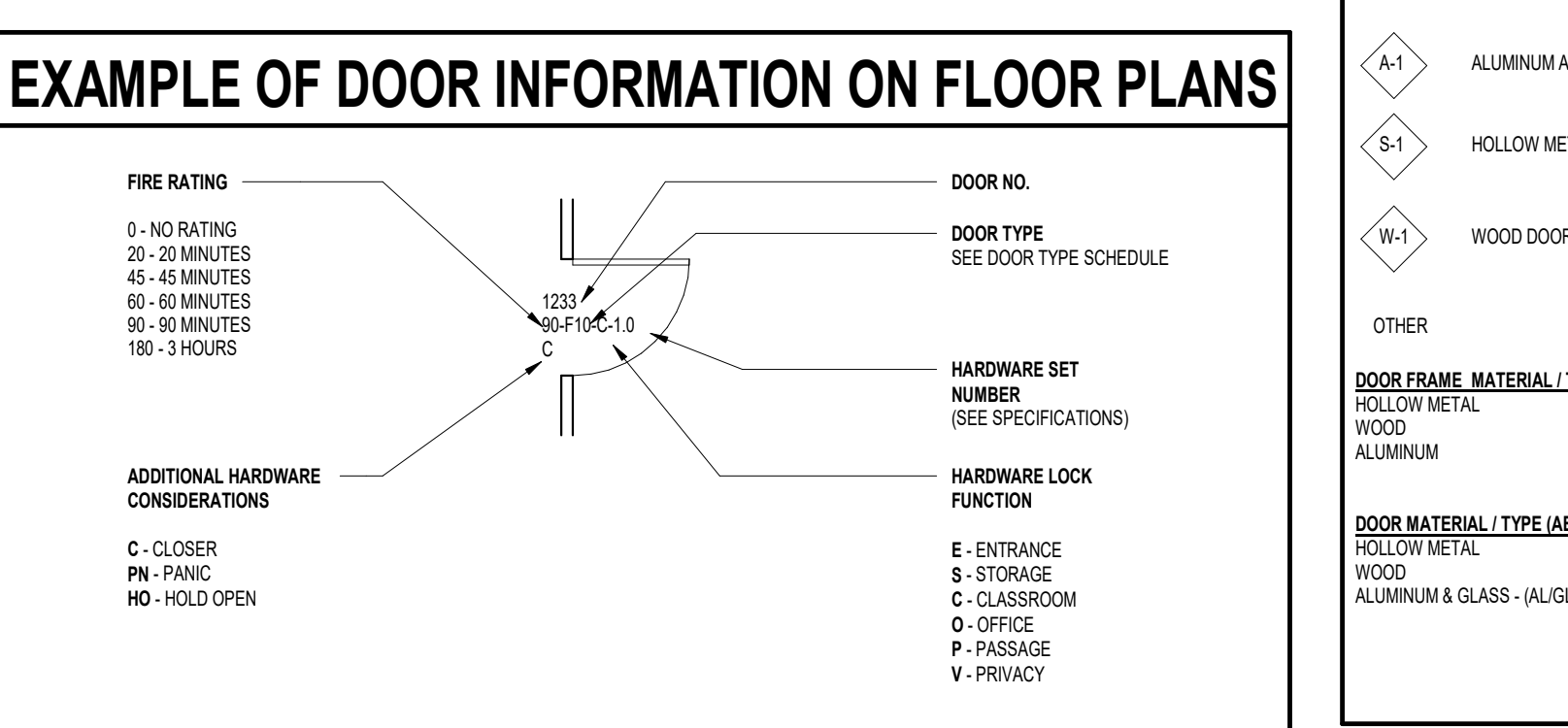
2) ALL DOORS WITH THE SAME CHARACTERISTICS ARE ASSIGNED THE SAME DOOR TYPE. THAT IS THEY ARE THE SAME SIZE, SAME MATERIAL, AND FRAME MATERIAL.

3) ALL DOORS TO BE INSTALLED IN A TYPICAL STANDARD DOOR FRAME OF THE MATERIAL SCHEDULED IN THE DOOR TYPES SCHEDULE. IF DOOR HAS A SCHEDULE, A TRANSFORM GLASS OR IN A WALL OF GLASS, THE FRAME TYPE WILL BE SHOWN ON THE FLOOR PLAN. THE FRAME MATERIALS MAY BE ONE OF THE FOLLOWING AS SHOWN ON THE FLOOR PLANS.

A-1	ALUMINUM AND GLASS STOREFRONT DOOR FRAME TYPE
S-1	HOLLOW METAL DOOR/WINDOW FRAME TYPE
W-1	WOOD DOOR/WINDOW FRAME TYPE

OTHER:

DOOR FRAME MATERIAL TYPE (ABBREVIATIONS IN PARENTHESES)	DOOR GLAZING SCHEDULE
HOLLOW METAL WOOD ALUMINUM	INTERIOR DOORS: 1/4" CLEAR TEMPERED GLASS EXCEPTIONS: - 1/4" LAMINATED CLEAR GLASS @ RATED DOORS - 1/4" FIRE RATED CERAMIC GLASS WHERE NOTED
DOOR MATERIAL TYPE (ABBREVIATIONS IN PARENTHESES)	REFER TO FRAME TYPE ELEVATIONS AND INTERIOR AND EXTERIOR WINDOW TYPES FOR GLAZING TYPES
WOOD ALUMINUM & GLASS - (AL/GL)	



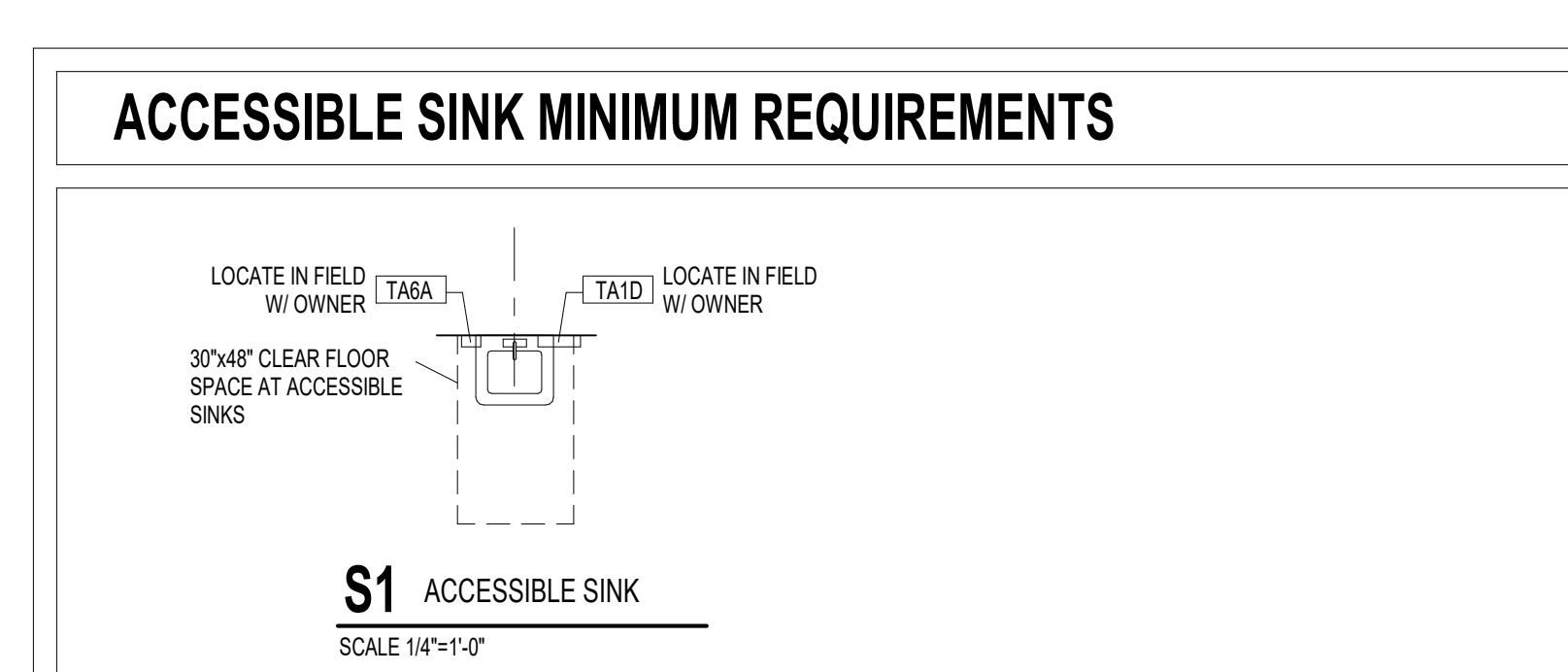
**EXAMPLE OF DOOR INFORMATION ON FLOOR PLANS**

**ACCESSORIES SCHEDULE**

PAPER TOWEL DISPENSER & WASTE RECEPTACLES			
TAD1	TOWEL DISPENSER	-	REUSE EXISTING TOWEL DISPENSER
SOAP DISPENSERS			
TAB1	WALL MOUNTED SOAP DISPENSER	-	REUSE EXISTING SOAP DISPENSER

**ACCESSORY NOTES**

- FLOOR PLAN ON SHEET 2.01A INDICATE DIMENSIONS, LOCATION, AND REQUIRED CLEARANCES TO BE MAINTAINED.
- EQUIPMENT LAYOUT (S1) IS KEYS ON TO THE FLOOR PLAN.
- REFER TO FLOOR PLAN SHEETS FOR EXACT FIXTURE ORIENTATION, DOOR LOCATION(S), ADJACENT WALL CONSTRUCTION, AND ADDITIONAL EQUIPMENT ITEMS.
- DIMENSIONS INDICATED HERE ARE TYPICAL - UNLESS DIMENSIONED OTHERWISE ON FLOOR PLAN SHEETS OR INTERIOR ELEVATIONS.
- DIMENSIONS SHOWN FOR FIXTURES, ACCESSORIES, AND EQUIPMENT ITEMS AS WELL AS REQUIRED CLEAR FLOOR SPACE ARE FROM FACE OF ROOM FINISH (SUCH AS TILE).
- NOTE THAT DOORS CANNOT INFRINGE UPON OR SWING INTO THE REQUIRED RECTANGULAR "CLEAR FLOOR SPACE" AREAS SHOWN ON ENLARGED PLANS.
- PLUMBING FIXTURES AND ACCESSORIES SHOWN HERE ARE GENERIC - SEE PLUMBING DRAWINGS FOR ACTUAL SCHEDULED FIXTURES.



202 ROOSEVELT DR.  
SUITE A  
DALWORTHVILLE GARDENS,  
DALLAS, TEXAS 75244  
PHONE: (817) 303-5400  
FAX: (817) 303-5400  
TYPIC FLOOR #1-2046



JPS HEALTH NETWORK  
RADIOLOGY ROOM 133  
1741 E BARDIN RD., ARLINGTON, TX 76018



BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING CHECK SCALE AND ADJUST ACCORDINGLY  
 ONE INCH REVISIONS:



7102 ROOSEVELT DR.  
 SUITE A  
 DALWORTH, TEXAS 76034  
 PHONE: (817) 303-5400  
 TBAE FIRM # 1558  
 TBAE FIRM # 1558  
 TBAE FIRM # 1558

JPS HEALTH NETWORK  
 RADIOLOGY ROOM 133  
 1741 E BARDIN RD., ARLINGTON, TX 76018

REFLECTED CEILING PLAN  
 5.01A  
 BARDIN

GENERAL CEILING PLAN NOTES:

- A. ALL DIMENSIONS ARE TO COLUMN CENTERLINES, CENTER OF SUSPENDED CEILING GRIDS, OR FACE OF FINISHED WALLS/SOFFITS UNLESS NOTED OTHERWISE.
- B. ALL GYPSUM BOARD SOFFITS AND BULKHEADS ARE TO BE 2" BELOW ADJACENT SUSPENDED CEILING SYSTEMS, UNLESS NOTED OTHERWISE.
- C. SUSPENDED CEILING TILES IN EACH ROOM ARE TO BE CONFIGURED SUCH THAT NO LESS THAN ONE-HALF A BORDER TILE EXISTS ADJACENT TO ANY ROOM WALL, UNLESS NOTED OTHERWISE.
- D. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL LIGHT FIXTURE SPECIFIC INFORMATION.
- E. SUSPENDED CEILING GRIDS ARE Laid OUT WITH EITHER A TILE OR GRID AT THE CENTER OF THE ROOM IN EACH DIRECTION UNLESS NOTED OR DIMENSIONED OTHERWISE.
- F. CEILING HEIGHT IS 9'-0" A.F.F. UNLESS NOTED OTHERWISE.

REFLECTED CEILING PLAN LEGEND

**CEILING**

- ACUSTICAL TILE CEILING (24x24)
- ACUSTICAL TILE CEILING (24x48 - EXISTING)
- ACUSTICAL TILE CEILING (24x48 - DEMO)

**LIGHTS** (REFER E-SHEETS FOR SIZES)

- 2x2 RECESSED LIGHT FIXTURE
- 2x4 RECESSED LIGHT FIXTURE
- DOWNLIGHT

**MECHANICAL** (REFER M-SHEETS FOR SIZES)

- HVAC SUPPLY DIFFUSER
- HVAC RETURN DIFFUSER

**MISCELLANEOUS**

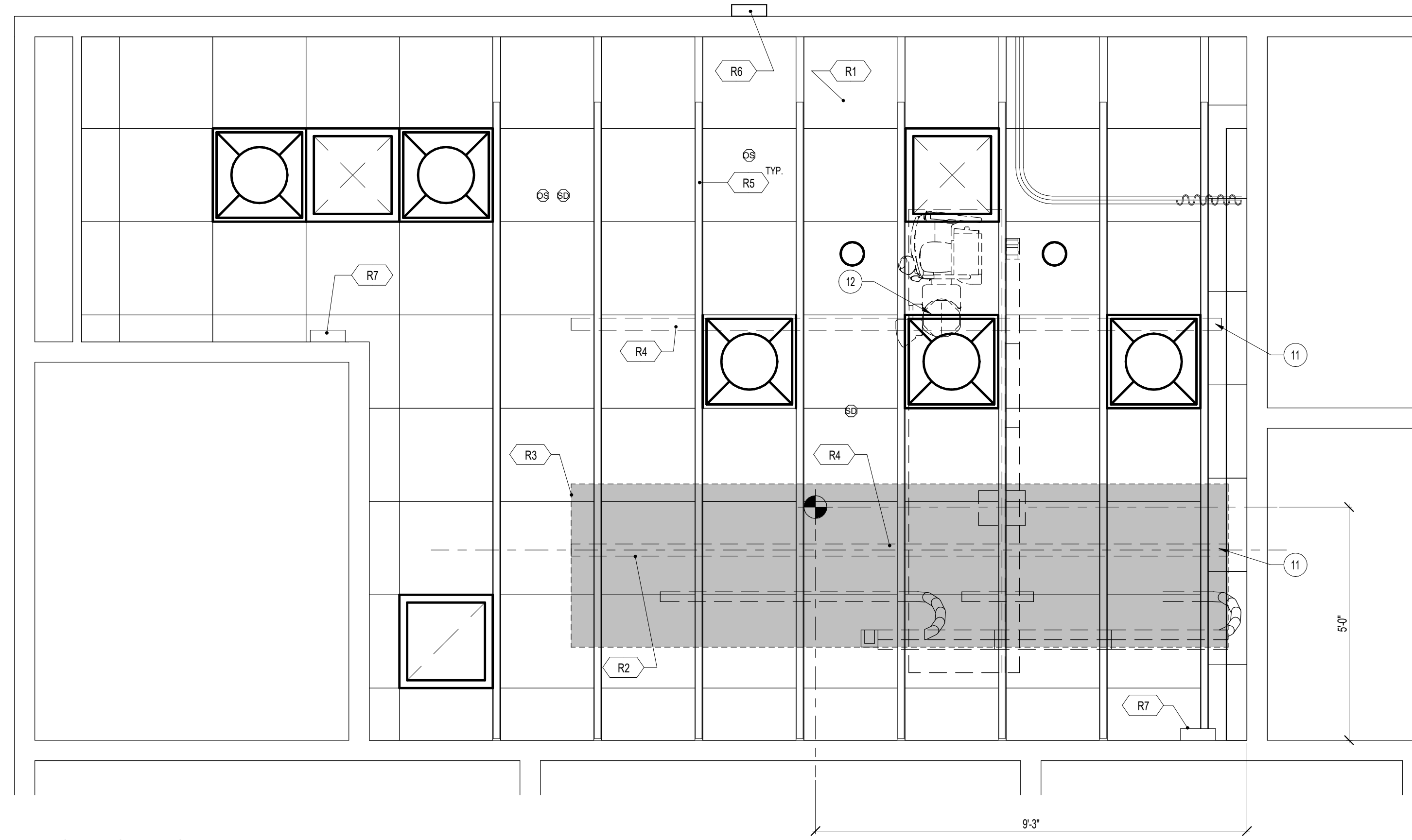
- SMOKE DETECTOR
- CURTAIN TRACK (EXISTING)
- OCCUPANCY SENSOR
- FIRE SPRINKLER

RCP PLAN NOTES BY NUMBER

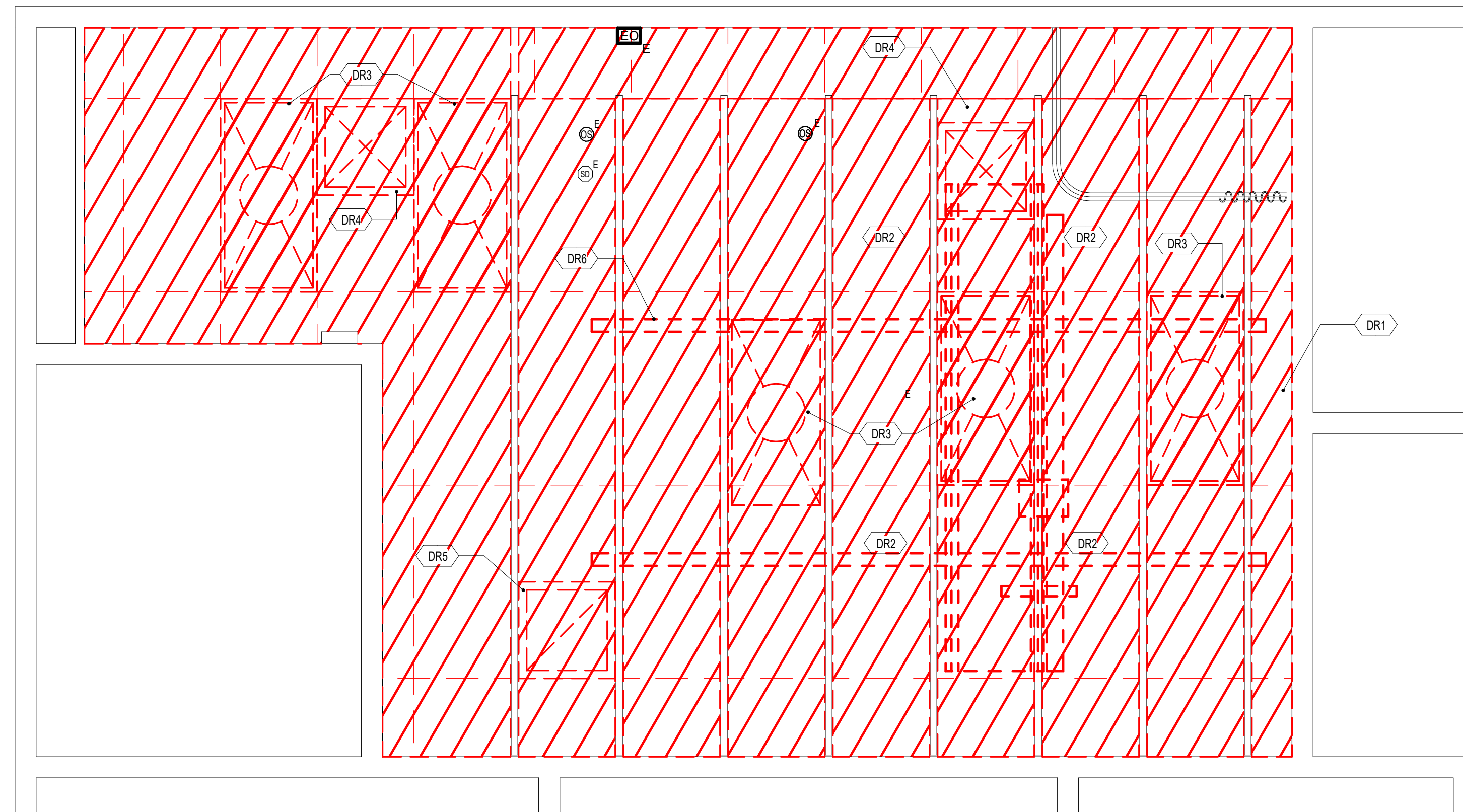
- R1 NEW CEILING
- R2 COORDINATE WITH EQUIPMENT VENDOR ON EQUIPMENT MOUNTING
- R3 IN THIS RECTANGULAR AREA, NOTHING CAN EXTEND BELOW THE FINISHED CEILING TO ALLOW FREE MOVEMENT OF THE CEILING X-RAY TUBE STAND. COORDINATE WITH EQUIPMENT VENDOR DRAWINGS.
- R4 REFER TO OWNER SUPPLIED EQUIPMENT DRAWINGS REGARDING CLEARANCE AT RAILS.
- R5 UNISTRUT SUPPORT CHANNEL AT CEILING. USE EXISTING UNISTRUT WHERE POSSIBLE. REFER TO UNISTRUT DETAIL THIS SHEET.
- R6 X-RAY WARNING LIGHT
- R7 EXISTING FIRE ALARM STROBE

DEMO RCP PLAN NOTES BY NUMBER

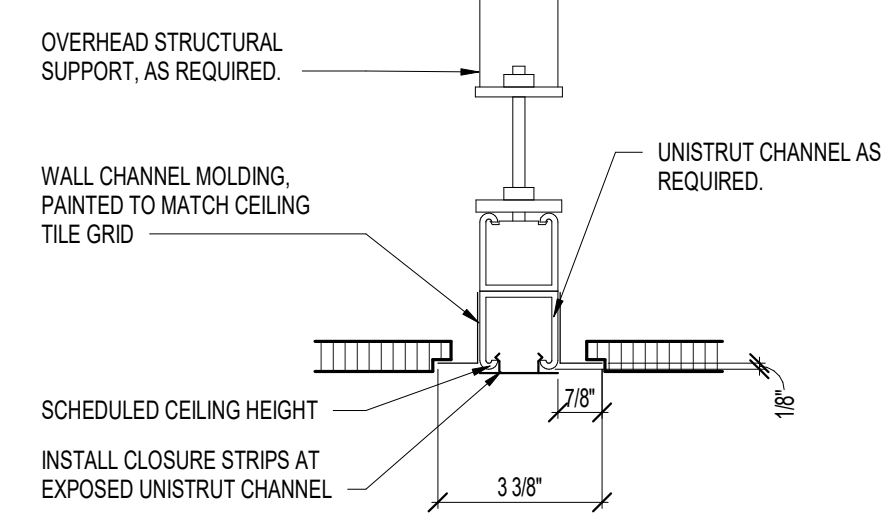
- DR1 REMOVE EXISTING CEILING.
- DR2 REMOVE EXISTING DOWNLIGHTS.
- DR3 REMOVE EXISTING 2 X 4 LIGHT FIXTURES.
- DR4 REMOVE EXISTING SUPPLY DIFFUSERS. PROTECT AND STORE FOR RELOCATION.
- DR5 REMOVE EXISTING RETURN DIFFUSER. PROTECT AND STORE FOR RELOCATION.
- DR6 CAREFULLY REMOVE EXISTING OVERHEAD CEILING MOUNTED EQUIPMENT AND PREPARE FOR NEW EQUIPMENT.



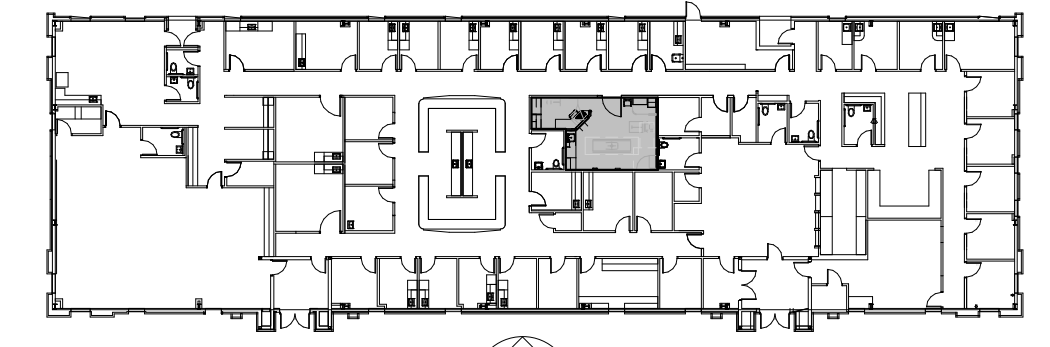
1 REFLECTED CEILING PLAN  
 1/2" = 1'-0"



2 DEMOLITION REFLECTED CEILING PLAN  
 1/2" = 1'-0"



3 ENLARGED UNISTRUT DETAIL  
 3" = 1'-0"



PROJECT LOCATION  
 SCALE: NONE  
 NORTH







BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING CHECK SCALE AND ADJUST ACCORDINGLY  
ONE INCH  
REVISIONS:

**ELECTRICAL DIMENSION PLAN**  
SCALE: 1/4" = 1'-0"

**YSIO XPREE CONNECTION DIAGRAM**

POLYDOROS R80-2 80kW					
X-RAY GENERATOR POWER REQUIREMENTS					
PHASES	3	WIRE SIZE (125% OF LOAD)	1/2"	CONDUIT SIZE	1.5"
WIRE TYPE	THHN	CONDUIT TYPE	EMT	TERMINALS	350 KCMIL
TERMINALS	350 KCMIL	TERMINALS	350 KCMIL	TERMINALS	350 KCMIL
TERMINALS	350 KCMIL	TERMINALS	350 KCMIL	TERMINALS	350 KCMIL
TERMINALS	350 KCMIL	TERMINALS	350 KCMIL	TERMINALS	350 KCMIL
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TERMINALS	350 KCMIL	TERMINALS	350 KCMIL	TERMINALS	350 KCMIL
TERMINALS	350 KCMIL	TERMINALS	350 KCMIL	TERMINALS	350 KCMIL
TERMINALS	350 KCMIL	TERMINALS	350 KCMIL	TERMINALS	350 KCMIL

**GROUNDING NOTES**

EQUIPMENT GROUNDING CONDUCTORS TO COMPLY WITH THE FOLLOWING:

- USE COPPER OR COPPER-CLAD STEEL.
- CONNECTED TO THE ELECTRICAL SERVICE TRANSFORMER.
- USE THE SAME CONDUIT, TROUGH OR RACEWAY AS THE MAIN GROUNDING CONDUCTOR.
- CONNECTED WITH NO BREAKS OR JOINTS.
- CONNECTED TO THE SAME GROUNDING POINT AS THE MAIN GROUNDING CONDUCTOR.
- CONNECTED TO THE SAME GROUNDING POINT AS THE MAIN GROUNDING CONDUCTOR.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC).

**POWER QUALITY**

POOR POWER WILL ALTER EQUIPMENT PERFORMANCE. IT IS THE USER'S RESPONSIBILITY TO MONITOR AND CORRECT THE QUALITY OF THE SUPPLY. POWER QUALITY SHOULD BE WITHIN THE FOLLOWING TOLERANCES:

NOTE 1 - SEE THE POWER QUALITY SECTION OF THE SPECIFICATIONS.

NOTE 2 - SEE THE POWER QUALITY SECTION OF THE SPECIFICATIONS.

NOTE 3 - SEE THE POWER QUALITY SECTION OF THE SPECIFICATIONS.

NOTE 4 - SEE THE POWER QUALITY SECTION OF THE SPECIFICATIONS.

NOTE 5 - SEE THE POWER QUALITY SECTION OF THE SPECIFICATIONS.

NOTE 6 - SEE THE POWER QUALITY SECTION OF THE SPECIFICATIONS.

NOTE 7 - SEE THE POWER QUALITY SECTION OF THE SPECIFICATIONS.

NOTE 8 - SEE THE POWER QUALITY SECTION OF THE SPECIFICATIONS.

NOTE 9 - SEE THE POWER QUALITY SECTION OF THE SPECIFICATIONS.

NOTE 10 - SEE THE POWER QUALITY SECTION OF THE SPECIFICATIONS.

**POWER SCHEDULE**

NO.	DESCRIPTION	PHASES	WIRE SIZE	CONDUIT SIZE	TERMINALS
1	PHASES	3	1/2"	1.5"	350 KCMIL
2	WIRE SIZE (125% OF LOAD)		1/2"		
3	CONDUIT SIZE			1.5"	
4	TERMINALS				350 KCMIL

PROJECT #		2205389	
SHEET		E-102	
DATE		07/22/23	
DRAWN BY		Author	
CHECKED BY		Checker	

**SIEMENS**  
TARRANT COUNTY HOSPITAL DISTRICT

**ATTENTION:** THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE POWER REQUIREMENTS AND CONNECTIONS FOR ALL EQUIPMENT TO BE INSTALLED. THE USER SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION. THE USER SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO THE DESIGNER. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE POWER QUALITY OF THE SUPPLY. THE USER SHALL BE RESPONSIBLE FOR MONITORING AND CORRECTING THE POWER QUALITY. THE USER SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO THE DESIGNER. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE POWER QUALITY OF THE SUPPLY. THE USER SHALL BE RESPONSIBLE FOR MONITORING AND CORRECTING THE POWER QUALITY.

REFERENCE DOCUMENT - NOT FOR CONSTRUCTION

2102 ROOSEVELT DR.  
SUITE A  
DALLAS, TEXAS 75201  
PHONE: (817) 303-5400  
FAX: (817) 303-5400  
TBE FIRM # 1586  
TFC FIRM # 1586



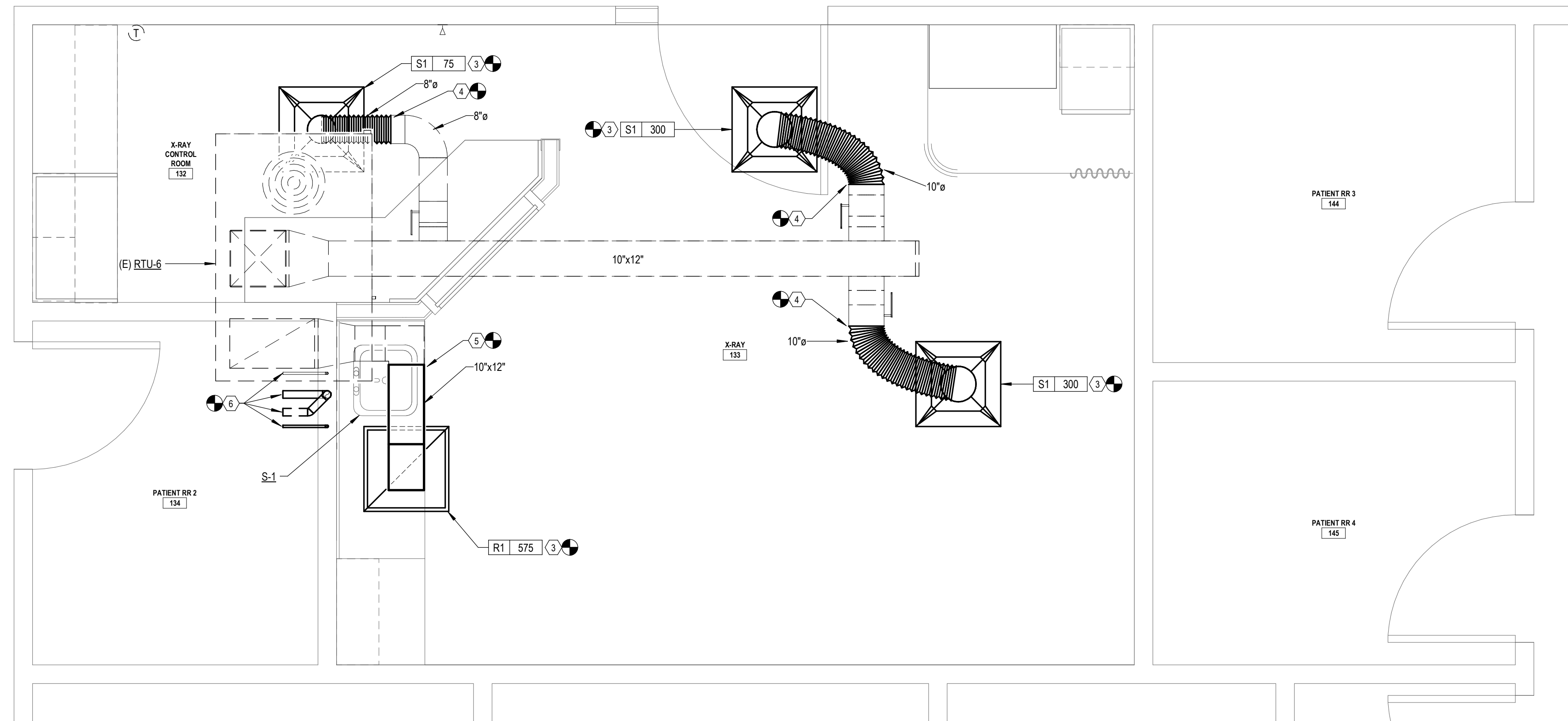
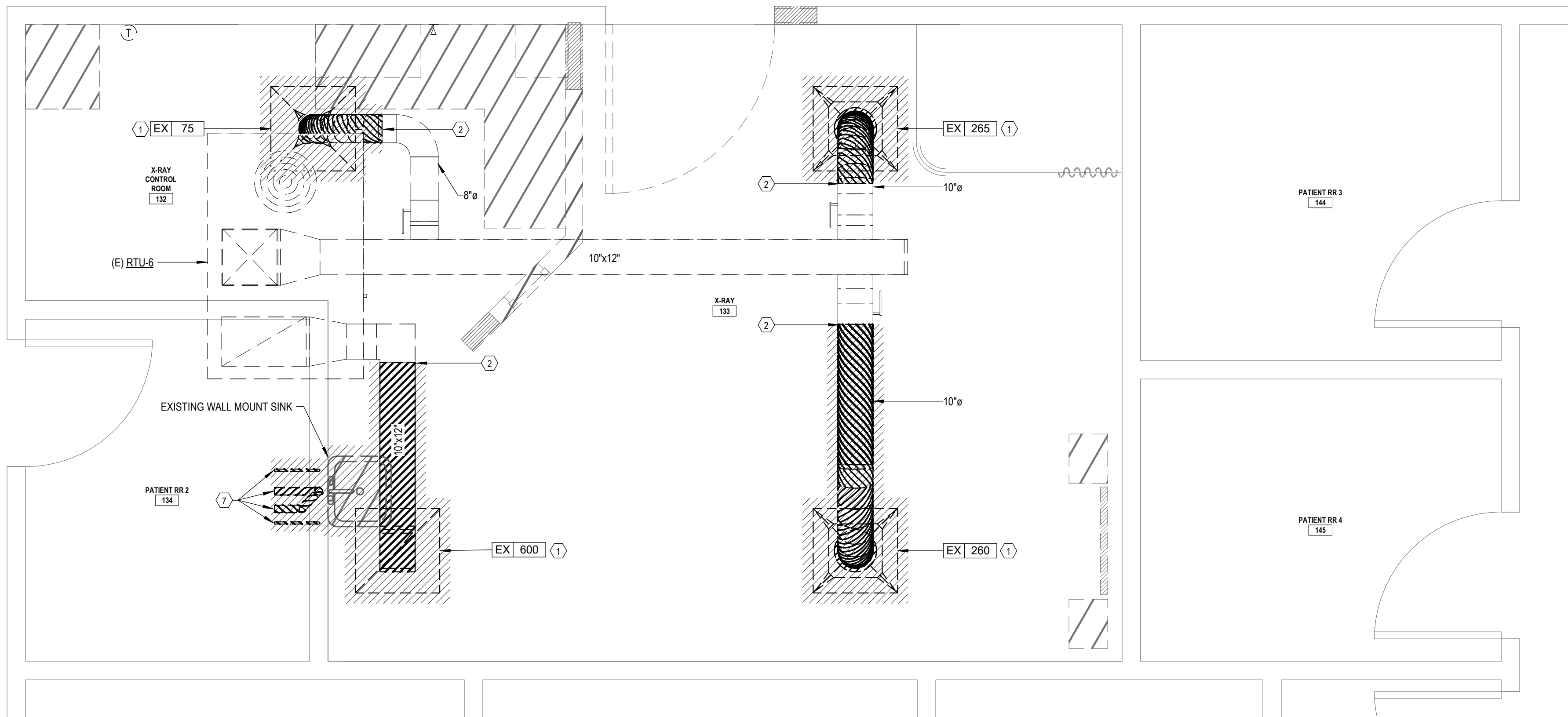
JPS HEALTH NETWORK  
RADIOLOGY ROOM 133  
1741 E BARDIN RD., ARLINGTON, TX 76018

OWNER SUPPLIED EQUIPMENT DRAWINGS  
9.02A  
BARDIN



BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING CHECK SCALE AND ADJUST ACCORDINGLY

ONE INCH REVISIONS:



1 DEMOLITION PLAN - MECHANICAL & PLUMBING

1/2" = 1'-0"

2 FLOOR PLAN - MECHANICAL & PLUMBING

1/2" = 1'-0"

PLUMBING FIXTURE SCHEDULE						
TAG	FIXTURE	H	C	W	V	DESCRIPTION
S-1	SINGLE COMPARTMENT SINK COUNTERTOP, ACCESSIBLE	1/2"	1/2"	2"	2"	ELKAY #LRAD-2219-65-2, 18 GA. STAINLESS STEEL 22" x 19" x 6-1/2" DEEP COUNTERTOP SINK WITH 2 FAUCET HOLES. DRAIN OPENING TO BE IN THE CENTER REAR LOCATION. T&S BRASS #B-1142-04X3-F12 FAUCET WITH WRIST-ACTION HANDLES, GOOSENECK SPOUT, AERATOR, STRAINER AND P-TRAP. ADA INSULATION PACKAGE.

**NOTES:**

- ALL FIXTURES SHALL MEET LOW WATER CONSUMPTION REQUIREMENTS.
- PROVIDE STOPS AT ALL FIXTURES.
- ACCESSIBLE FIXTURES SHALL BE MOUNTED AND INSTALLED PER T&S.
- PROVIDE TRUE-BRO "LAV-GUARD" INSULATION KIT FOR EXPOSED PIPING AT ALL ACCESSIBLE SINKS AND LAVS.

(E) ROOFTOP UNIT SCHEDULE	
UNIT NUMBER	(E) RTU-6
SUPPLY AIR CFM	675
OUTSIDE AIR CFM	100
BLOWER HP	1
EXT. S.P. (IN.)	1
NET COOLING BTUH SENSIBLE	10,200
NET COOLING BTUH TOTAL	11,800
ENT. COOLING COIL CONDITIONS (°F) Db / Wb	75.1 / 62.6
AMBIENT TEMPERATURE (°F)	105
HEATING KW	4.5
VOLTS / PHASE	208/3
MANUFACTURER	EXISTING
MODEL NUMBER	EXISTING
REMARKS	-

**NOTES:**

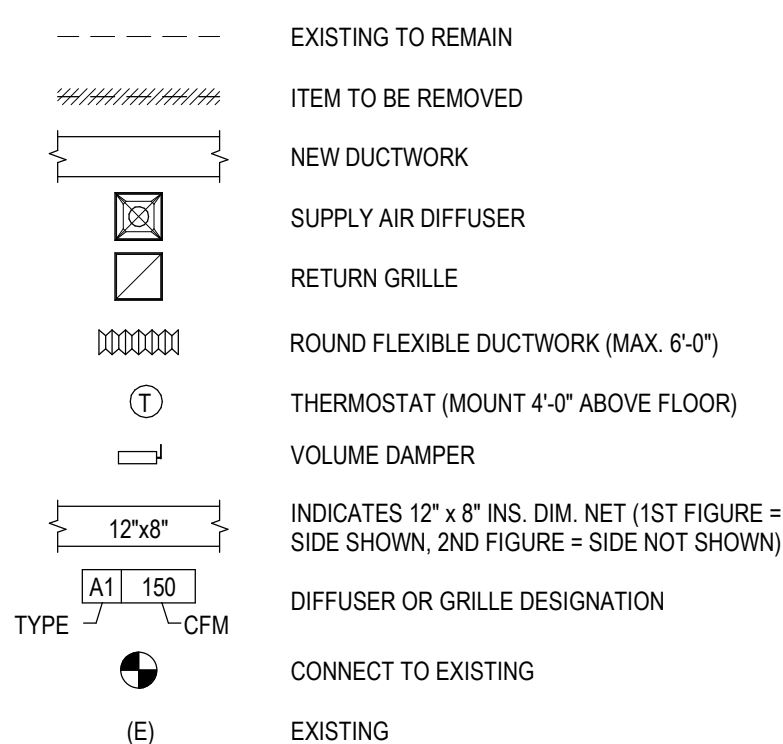
- EXT. STATIC PRESSURE (S.P.) INCLUDES DUCTWORK, DAMPERS AND GRILLES.
- THE NET COOLING CAPACITIES SHALL BE THE UNIT CAPACITIES IMMEDIATELY DOWNSTREAM OF THE UNIT DISCHARGE. THIS CAPACITY SHALL INCLUDE ANY INTERNAL HEAT GAIN IN THE UNIT, I.E. FAN HEAT, ETC.

AIR DEVICE SCHEDULE				
TYPE	DESCRIPTION	OPPOSED BLADE DAMPER	FINISH	PRICE MODEL NO.
S1	24" x 24" SQ. LOUVERED FACE CEILING DIFFUSER NECK SIZE PER PLAN	YES	WHITE ENAMEL	SCD
R1	24" x 24" PERFORATED FACE CEILING RETURN AIR GRILLE NECK SIZE PER PLAN	NO	WHITE ENAMEL	PDDR

**NOTES:**

- REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
- ALL AIR DEVICES INSTALLED IN GYP BOARD, PLASTER, OR OTHER HARD CEILING SHALL HAVE A SEPARATE MOUNTING FRAME.

LEGEND



NOTES BY SYMBOL: "O"

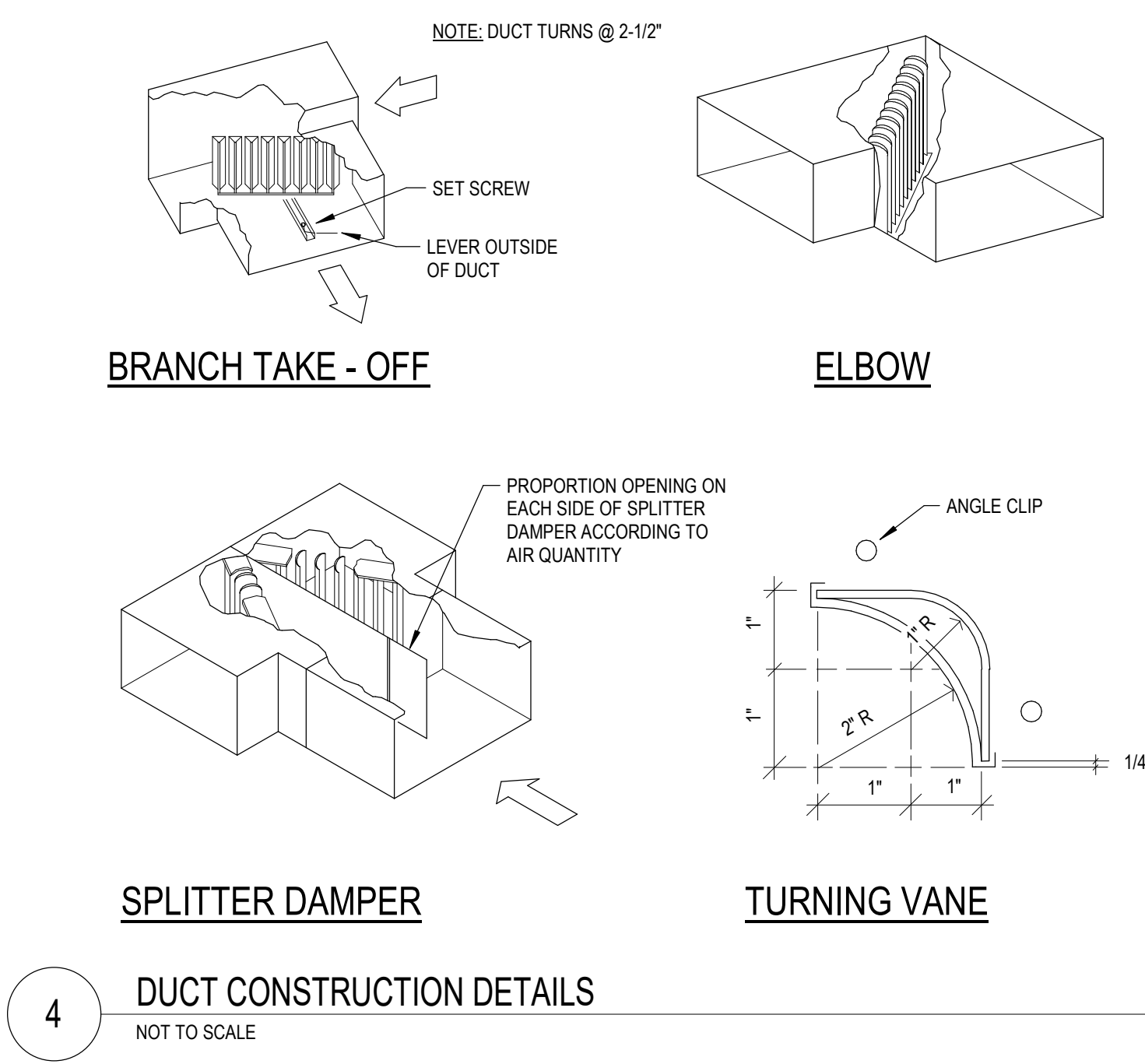
- REMOVE EXISTING AIR DEVICE.
- REMOVE DUCT FROM CONNECTION AT AIR DEVICE TO LOCATION SHOWN AND PREPARE EXISTING DUCT FOR RECONNECTION PER PLAN 2, THIS SHEET.
- PROVIDE AND INSTALL NEW AIR DEVICE IN CEILING.
- ROUTE FLEX DUCT, SIZED AS SHOWN, FROM EXISTING DUCT AND CONNECT TO AIR DEVICE.
- ROUTE 10"X12" RETURN DUCT FROM EXISTING ELBOW AND CONNECT TO RETURN AIR DEVICE.
- EXTEND 1/2" CW AND HW FROM NEARBY EXISTING MAINS ABOVE CEILING AND ROUTE DOWN IN WALL TO SINK. ROUTE 2" W DOWN IN WALL AND 2" VENT UP IN WALL TO ABOVE CEILING AND CONNECT TO EXISTING.
- REMOVE EXISTING WALL MOUNT SINK AND ASSOCIATED CW, HW, AND VENT PIPING BACK TO ABOVE CEILING. REMOVE WASTE PIPING BACK TO WALL AND PLUG. PREPARE CW, HW, VENT, AND WASTE PIPING FOR RECONNECTION PER PLAN 2, THIS SHEET.

HVAC GENERAL NOTES

- FURNISH AND INSTALL ALL MATERIALS AND LABOR REQUIRED TO PROVIDE COMPLETE AND OPERABLE HVAC SYSTEMS WITH ALL ITEMS AND APPURTENANCES NECESSARY EVEN THOUGH NOT SPECIFICALLY IDENTIFIED.
- ALL WORK AND/OR MATERIAL SHALL BE INSTALLED BY A LICENSED CONTRACTOR AND SHALL CONFORM TO ALL APPLICABLE NATIONAL AND LOCAL BUILDING AND MECHANICAL CODES.
- ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS. INSTALL TURNING VANES IN ALL DUCTWORK ELBOWS.
- ALL INTERIOR DUCTS SHALL BE CONSTRUCTED WITH 6" OR BETTER GALVANIZED STEEL (ASTM A 653/A 653M) LFQ, CHEM TREAT.
- COORDINATE EXACT ROUTING OF ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF WORK.
- MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION AND ROUTING OF DUCTWORK WITH REFLECTED CEILING PLANS AND ELECTRICAL LIGHTING LAYOUT. MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL AIR DEVICES WITH REFLECTED CEILING PLANS AND ELECTRICAL LIGHTING AND OTHER LAYOUTS.
- ALL SUPPLY AND RETURN AIR DUCTWORK SHALL BE INSULATED WITH 1/2" THICK, 0.5 LB/CF (MINIMUM) FSK WRAP INSULATION (MINIMUM INSTALLED R-VALUE = R-6). FOR DUCTWORK WITH INTERNAL LINER, WRAP INSULATION MAY BE OMITTED.
- ALL SUPPLY/RETURN DUCTWORK FROM AIR HANDLING UNITS SHALL BE LINED WITH 1-1/2" THICK ACOUSTICAL LINING 2' BEYOND UNIT.
- FLEXIBLE DUCTWORK RUNOUTS SHALL BE LIMITED TO 6'-0" EXTENDED LENGTH. FLEXIBLE DUCTWORK SHALL BE EQUAL TO ATCO #308 FLEXIBLE DUCTS. BOTH SUPPLY AND RETURN SHALL HAVE INSULATION WITH A MINIMUM R-VALUE OF 6.0, PER IECC. DUCT SHALL HAVE A CONTINUOUS FIBERGLASS SHEATH WITH UL APPROVED METALIZED POLYESTER BARRIER JACKET.
- INSTALL FLEXIBLE DUCTWORK CONNECTIONS AT ALL DUCT CONNECTIONS TO ROOF TOP UNITS.
- ALL DUCT DIMENSIONS SHOWN ARE NET CLEAR INSIDE DIMENSIONS.
- MOUNT ALL THERMOSTATS OR TEMPERATURE SENSORS 4'-0" ABOVE FLOOR (TYPICAL).
- FOR ALL VOLUME DAMPERS LOCATED ABOVE A HARD CEILING, PROVIDE AND INSTALL A WORM GEAR REMOTE VOLUME DAMPER REGULATOR. INSTALL KEY ACCESS IN THE CEILING DIRECTLY BELOW THE DAMPER AND PAINT COP TO MATCH CEILING.
- DO NOT ROUTE ANY DUCTWORK OVER ELECTRICAL PANELS OR I.T. SERVERS.
- THE MECHANICAL CONTRACTOR SHALL HIRE AN INDEPENDENT TESTING AND BALANCING AGENCY CERTIFIED BY THE ABC TO TEST AND BALANCE THE HVAC SYSTEMS. SYSTEMS SHALL BE BALANCED TO PLUS/MINUS 10% OF DESIGN REQUIREMENTS. THE CONTRACTOR SHALL PLACE ALL SYSTEMS AND EQUIPMENT INTO FULL OPERATION FOR TESTING AND BALANCING. ONE COPY OF THE FINAL TEST AND BALANCE REPORT WITH THE ABC NATIONAL PERFORMANCE GUARANTEE SHALL BE SENT DIRECTLY TO THE ENGINEER OF RECORD. PROVIDE FIVE (5) ADDITIONAL COPIES TO THE CONTRACTOR.

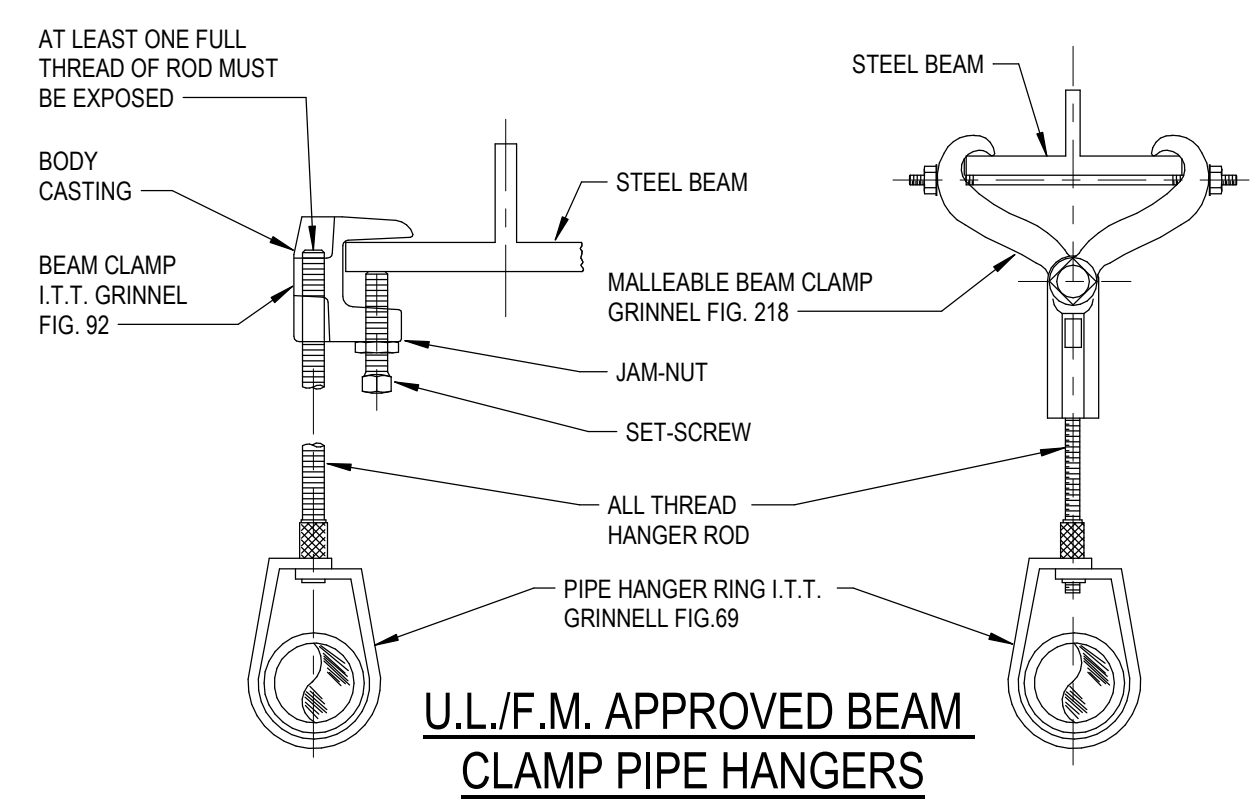
PLUMBING GENERAL NOTES

- FURNISH AND INSTALL ALL MATERIALS AND LABOR REQUIRED TO PROVIDE AND OPERABLE PLUMBING SYSTEMS WITH ALL ITEMS AND APPURTENANCES NECESSARY, EVEN THOUGH NOT SPECIFICALLY IDENTIFIED.
- ALL WORK AND/OR MATERIAL SHALL BE INSTALLED BY A LICENSED CONTRACTOR.
- ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS/SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. THE PLUMBING CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO THE OWNER.
- CROSS-CONNECTIONS OF ANY FIXTURE, DEVICE OR CONSTRUCTION WHICH WILL PERMIT BACKFLOW CONNECTIONS BETWEEN A WATER DISTRIBUTION SYSTEM AND ANY PART OF THE DRAINAGE SYSTEM SHALL NOT BE INSTALLED.
- PLUMBING FIXTURES SHALL BE AS SCHEDULED. ALL HANDICAP FIXTURE INSTALLATIONS SHALL BE IN COMPLIANCE WITH ADA AND T&S (TEXAS ACCESSIBILITY STANDARDS). CONFIRM EXACT LOCATIONS OF ALL PLUMBING FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION. ALL FIXTURES SHALL BE COMPLETE WITH ALL NECESSARY TRIM. ALL EXPOSED METAL PARTS SHALL BE CHROME PLATED BRASS.
- CONFIRM ROUGH-IN REQUIREMENTS FOR ALL EQUIPMENT PRIOR TO INSTALLATION.
- COORDINATE EXACT ROUTING OF ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF WORK.
- CONTRACTOR SHALL CONFIRM DEPTHS OF EXISTING SEWER LINES AND CONFIRM ADEQUACY FOR CONNECTION OF NEW SYSTEM. THE ENGINEER SHALL BE NOTIFIED IF THE REQUIRED SLOPES CAN NOT BE MAINTAINED, PRIOR TO INSTALLATION OF ANY NEW PIPING.
- ALL WATER PIPING PASSING THROUGH CONCRETE FLOOR SLABS SHALL BE COMPLETELY ISOLATED FROM THE CONCRETE BY ENCASEMENT IN 1/2" THICK FLEXIBLE FOAM PLASTIC INSULATION FROM WELL BELOW THE BOTTOM OF THE CONCRETE SLAB UP TO TWO INCHES ABOVE THE BEAMS BELOW GRADE. IT SHALL BE WRAPPED WITH 2 PLYS OF 15# FELT TO ISOLATE THE PIPE FROM THE CONCRETE. WHERE WATER PIPE EXTENDS THROUGH CONCRETE GRADE BEAMS BELOW GRADE, IT SHALL BE ENCASED IN 3" THICK FLEXIBLE FOAM PLASTIC INSULATION. PIPING BELOW SLAB SHALL BE TYPE "M" SOFT TEMPER COPPER WITHOUT JOINTS.
- ALL EXPOSED PIPING PASSING THROUGH FLOORS, CEILING OR WALLS SHALL BE PROVIDED WITH APPROVED PLATES OF SUFFICIENT DIAMETER TO COVER THE SLEEVES OPENING AND FIT SNUGLY AROUND THE PIPE.
- THIS CONTRACTOR SHALL FURNISH ALL PIPE SUPPORTS REQUIRED FOR HIS EQUIPMENT AND MATERIAL. ALL HORIZONTAL RUNS OF PIPING SHALL BE SUPPORTED BY PIPE HANGERS SPACED NOT MORE THAN 10 FEET APART FOR PIPES 1/4" AND LARGER, AND 8' FOR PIPES SMALLER THAN 1/4", AND AT EACH JOINT FOR SOIL OR WASTE PIPE. ADDITIONAL SUPPORTS SHALL BE PROVIDED WHERE REQUIRED TO PREVENT SAGGING. HANGERS FOR COPPER PIPE SHALL HAVE NON INSULATED BUSHINGS OR PIPE SHALL BE WRAPPED WITH 15# FELT.
- CLEANOUTS SHALL BE PROVIDED WHERE INDICATED ON THE DRAWINGS, OR WHERE REQUIRED, TO PROVIDE ACCESS TO ALL LINES AND AT HORIZONTAL RUN AT INTERVALS NOT EXCEEDING 80 FEET IN ALL SOIL, WASTE AND DRAIN LINES. CLEANOUTS SHALL BE SAME AS PIPE EXCEPT CLEANOUTS LARGER THAN 4" WILL NOT BE REQUIRED.
- DO NOT INSTALL PVC PIPING IN ANY RETURN AIR PLENUMS.
- ALL WASTE AND VENT PIPING SHALL BE STANDARD WEIGHT CAST IRON OR SCHEDULE 40 PVC. HORIZONTAL SOIL & WASTE PIPES SHALL BE GIVEN A GRADE OF 1/4" INCH PER FOOT WHERE POSSIBLE, BUT IN NO CASE LESS THAN 1/8" INCH PER FOOT. INSTALL WASTE PIPING AT A MINIMUM SLOPE OF 2% INSIDE BUILDING, OR AS REQUIRED BY LOCAL CODES. ALL PVC PIPING INSTALLATIONS SHALL CONFORM TO ASTM D 2321 LATEST EDITION "UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS" IN ALL RESPECTS. MINIMUM TRENCH WIDTH SHALL BE THE PIPE DIAMETER PLUS 16" ALL BEDDING MATERIAL SHALL MEET 1A OR 1B CRITERIA.
- ALL NEW DOMESTIC WATER PIPING SHALL BE TYPE "L" COPPER WITH WROUGHT COPPER FITTINGS. INSULATE ALL DOMESTIC WATER PIPING WITHIN THE BUILDING WITH 1" THICK FIBERGLASS PIPE INSULATION WITH ALL SERVICE JACKET. INSULATE ALL DOMESTIC WATER PIPING OUTSIDE THE BUILDING THERMAL INSULATION ENVELOPE WITH 1" THICK FIBERGLASS PIPE INSULATION.



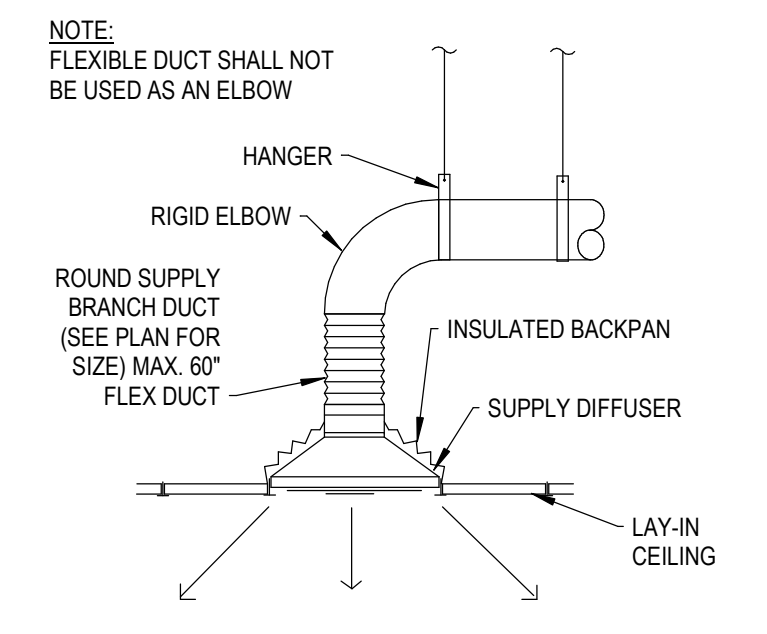
4 DUCT CONSTRUCTION DETAILS

NOT TO SCALE



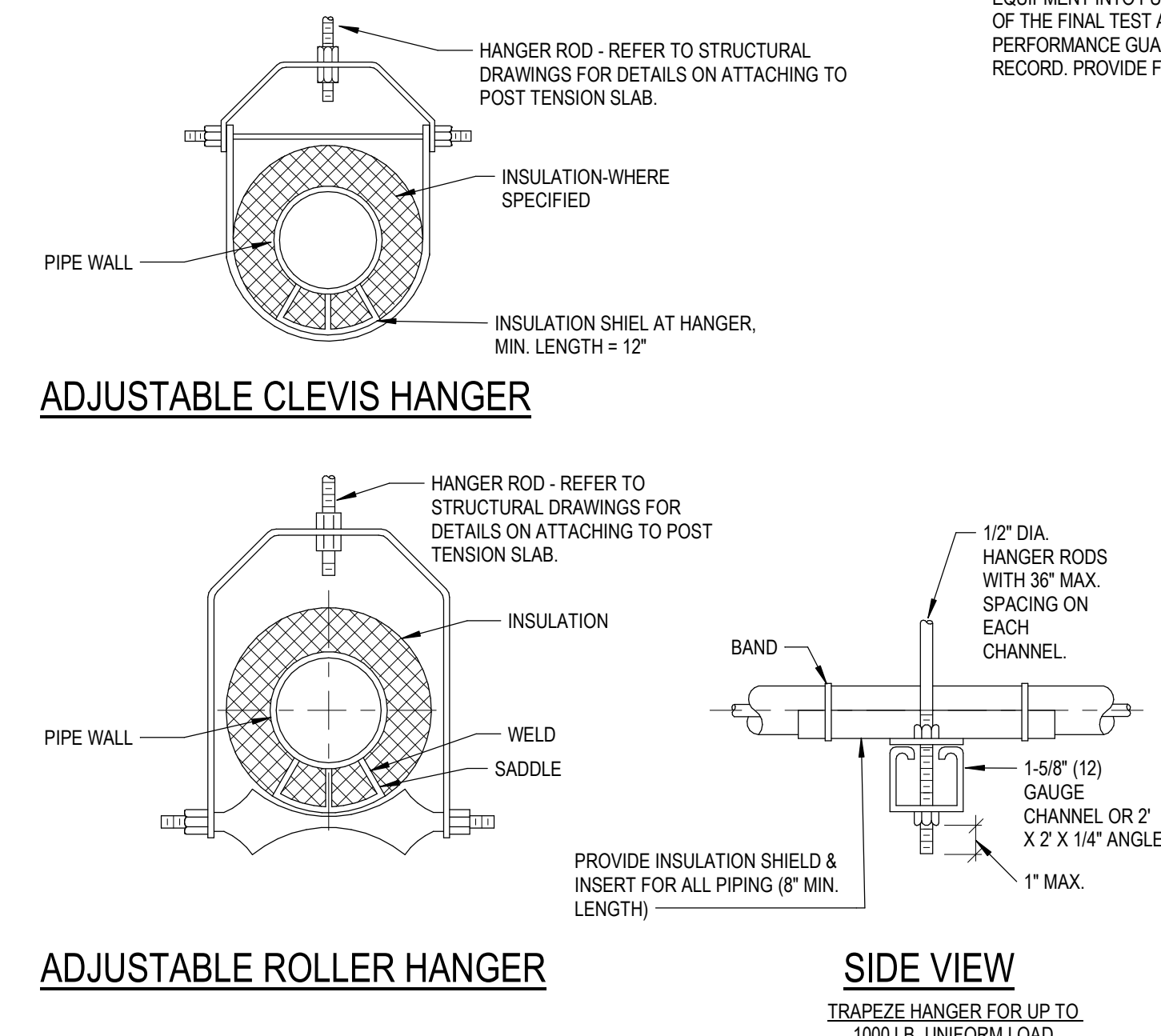
5 BEAM CLAMP HANGER

1/8" = 1'-0"



6 TYPICAL DIFFUSER INSTALLATION

NOT TO SCALE



MAXIMUM PIPE SUPPORT SPACING, FEET																		
NOM. PIPE SIZE	THRU 3/4"	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24
SPACING	7 FT	7	8	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST PIPE SIZE ON TRAPEZE

7 TYPICAL PIPING HANGER DETAIL

NOT TO SCALE

2023 ROOSEVELT DR. SUITE A. DALLAS, TEXAS 75246. PHONE: (817) 303-5400. FAX: (817) 303-5401. TYPIC FORM # 17-1086

JPS HEALTH NETWORK. RADIOLOGY ROOM 133. 1741 E BARDIN RD., ARLINGTON, TX 76018

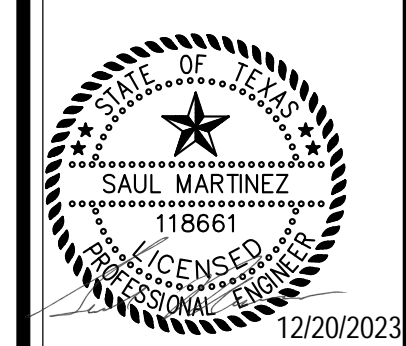


6300 Ridglea Pl., Ste. 700 Fort Worth, TX 76116. mhb@bhnb.com • (817) 338-1277 • bhnb.com. TBPELS Firm #44, #10011300, #10011302, #10194146. BHB Project # 2023.042.007

MECHANICAL & PLUMBING PLANS. MP1.01. BARDIN



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 ONE INCH REVISIONS:



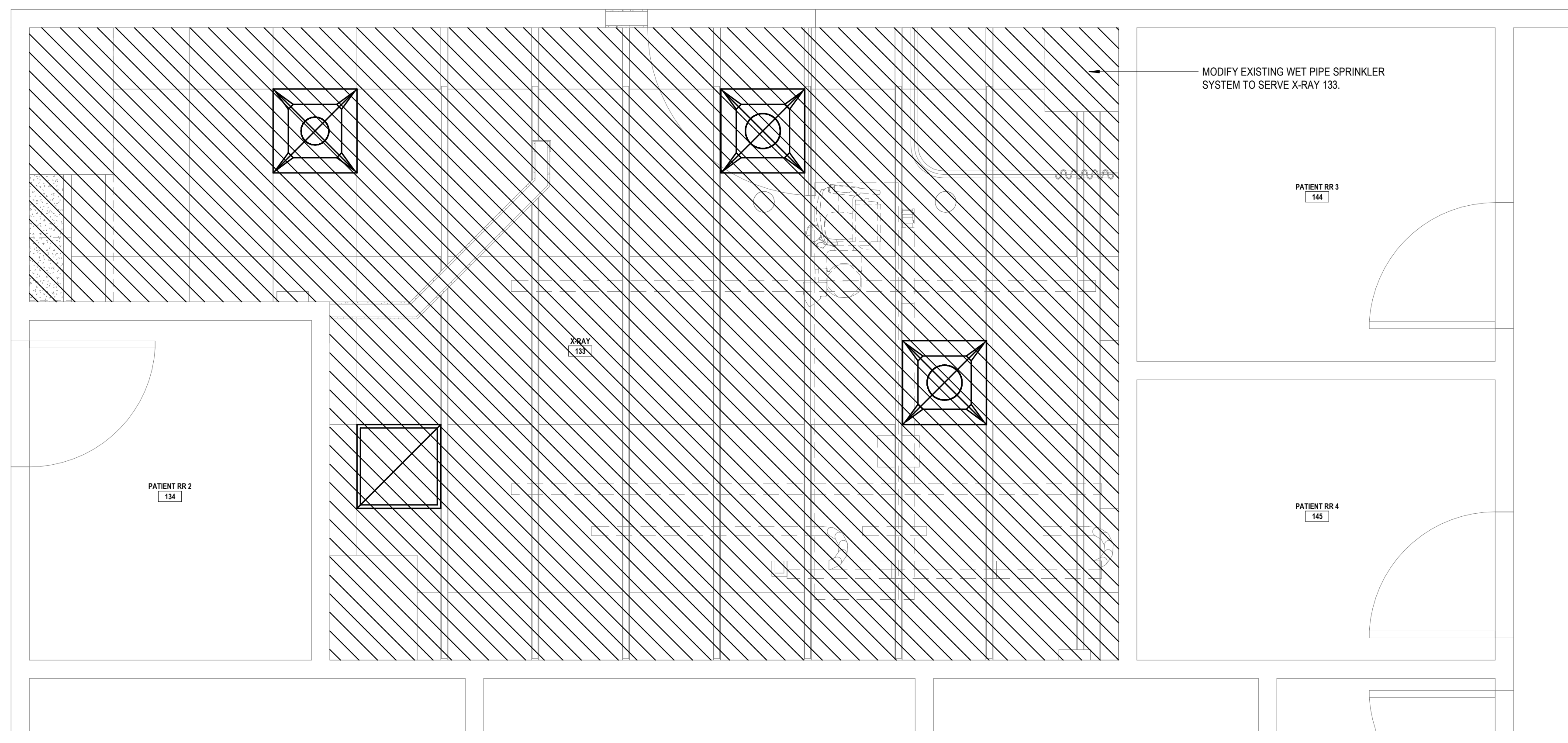
2102 ROOSEVELT DR.  
 SUITE A  
 DALWORTH  
 PHONE: (817) 303-5400  
 TBPE FIRM # 1558  
 TBPE FIRM # F-1586  
 PD  
 Mechanical  
 SAUL MARTINEZ  
 LICENSED PROFESSIONAL ENGINEER  
 11866  
 STATE OF TEXAS  
 12/20/2023

JPS HEALTH NETWORK  
 RADIOLOGY ROOM 133  
 1741 E BARDIN RD., ARLINGTON, TX 76018

FIRE PROTECTION PLAN  
 FP1.01  
 BARDIN

**FIRE PROTECTION GENERAL NOTES**

- THE WORK COVERED UNDER THIS SECTION CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND PERFORMING ALL OPERATIONS IN CONNECTION WITH COMPLETE, HYDRAULICALLY DESIGNED, WET AUTOMATIC FIRE SPRINKLER SYSTEM AS SPECIFIED FOR THE ENTIRE PROJECT, AND TO INCLUDE AN ANTI-FREEZE LOOP SYSTEM FOR THE CANOPY. THE WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
  - COMPLETE DESIGN AND WORKING DRAWINGS MEETING APPLICABLE REQUIREMENTS.
  - SPRINKLER HEADS, (WET PIPE)
  - PIPING
  - VALVES.
- THE FIRE PROTECTION SYSTEM SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE CITY FIRE DEPARTMENT, THE SYSTEM SHALL COMPLY WITH ALL APPLICABLE CITY, STATE, AND NATIONAL CODES AND ORDINANCES, AND THE CODES, ORDINANCES AND REGULATIONS OF ALL OTHER RULING AUTHORITIES HAVING JURISDICTION, INCLUDING, BUT NOT LIMITED TO:
  - NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS
  - NFPA 14, STANDPIPE
  - NFPA 24, PRIVATE SERVICE MAINS AND THEIR APPURTENANCES
- CONTRACTOR SHALL ARRANGE SPRINKLER HEADS REFERENCED TO ROOM CENTERLINES AND AXES TO ESTABLISH A PATTERN COMPLIMENTARY TO THE FINISHED CEILING, COORDINATE EXACT HEAD LOCATION AND PIPE ROUTING WITH THE ARCHITECT PRIOR TO INSTALLATION.
- SPRINKLER PIPING SHALL BE CONCEALED TO THE EXTENT POSSIBLE IN ALL BUT STRICTLY MECHANICAL UTILITY AREAS. ALL LAYOUTS OF SPRINKLER PIPING SHALL BE REVIEWED BY AND COORDINATED WITH THE ARCHITECT. FINAL APPROVAL OF PIPING LAYOUT, HEAD PLACEMENT, ETC. SHALL BE BY ARCHITECT. ALL EXPOSED PIPING AND FITTINGS SHALL BE PAINTED TO MATCH ADJACENT WALL OR CEILING SURFACE AS DIRECTED BY THE ARCHITECT.
- SPRINKLER HEADS SHALL BE FULLY RECESSED IN AREAS WITH FINISHED CEILINGS WHERE PIPING CAN BE CONCEALED. POP-OFF COVERS SHALL BE PAINTED TO MATCH FINISHED CEILING PAINT COLORS. SPRINKLER HEADS IN UTILITY OR MECHANICAL AREAS SHALL BE STANDARD CHROME FINISH, SIDE WALL, PENDANT OR UPRIGHT HEADS AS REQUIRED.
- ALL THREADED PIPING SHALL BE SCHEDULE 40 BLACK STEEL. THE MINIMUM THIN WALL PIPING ALLOWED SHALL BE SCHEDULE 30 FOR PIPE UP TO 2" AND SCHEDULE 10 FOR PIPE OVER 2". ALL THIN WALL PIPING SHALL BE JOINED USING ROLLED GROOVES WITH COUPLINGS. IF ALLOWED BY LOCAL CODES, OTHER TYPES OF PIPING MAY BE USED, BUT ONLY THOSE LISTED FOR FIRE SPRINKLER SERVICE.
- FURNISH AND INSTALL ALL VALVES AND ACCESSORIES REQUIRED BY AUTHORITY HAVING JURISDICTION.
- SYSTEM TEST AND DRAIN VALVES SHALL BE COORDINATED WITH THE OWNER BY SPECIFICALLY CALLING TO THE OWNER'S ATTENTION THE LOCATION OF THESE SYSTEMS.
- SYSTEM SHALL BE THOROUGHLY CLEANED BY FLUSHING OUT WITH WATER UNTIL IT IS FREE FROM SAND, OIL, OR OTHER FOREIGN MATTER. PRIOR TO THE INSTALLATION OF HEADS AND ORIFICES.
- UPON AWARD OF THE CONTRACT FOR THE FIRE PROTECTION SYSTEM, THE CONTRACTOR SHALL PREPARE PRELIMINARY DRAWINGS AND SECURE THE APPROVAL OF THE OWNER AND ARCHITECT. ON APPROVAL OF THE OWNER AND ARCHITECT, THE CONTRACTOR SHALL PREPARE DETAILED WORKING DRAWINGS FOR THE SYSTEM AND SECURE THE APPROVALS OF THE LOCAL FIRE MARSHAL, THE OWNER'S INSURANCE CARRIER, AND ANY OTHER APPROVALS REQUIRED. A COPY OF THE APPROVAL LETTERS SHALL BE DELIVERED TO THE ARCHITECT PRIOR TO COMMENCING WORK.
- UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PREPARE A LETTER OF GUARANTEE, WHICH SHALL GUARANTEE THE WORK AGAINST DEFECTS IN MATERIALS AND INSTALLATION AS OUTLINED UNDER THE GENERAL CONDITIONS. SECURE THE APPROVAL OR SEAL OF THE STATE RATING BUREAU AND PROVIDE THIS DOCUMENT TO THE ARCHITECT AND THE OWNER.
- THE FIRE PROTECTION PIPING SYSTEM SHALL BE HYDRAULICALLY CALCULATED BASED UPON 80 PERCENT RESIDUAL PRESSURE AVAILABLE PER A CONTRACTOR-PROVIDED FLOW TEST AT SITE. THE BUILDING IS [ ] HAZARD EXCEPT FOR MECHANICAL ROOMS AND KITCHEN AREA AND THE HYDRAULIC CALCULATIONS SHALL BE BASED UPON (8, 10) GPM/SQ.FT. MOST REMOTE [ ] SQ.FT. USING NFPA 13, SPRINKLER SYSTEMS CRITERIA.
- THE ARCHITECT SHALL HAVE THE FINAL AUTHORITY OVER ROUTING OF SPRINKLER RISER PIPING, SPRINKLER HEAD LOCATIONS, ETC. THE DESIGN OF THE AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE CAREFULLY COORDINATED WITH THE ARCHITECT PRIOR TO SUBMISSION OF SHOP DRAWINGS AND SYSTEM INSTALLATION.



1 FIRE PROTECTION PLAN  
 1/2" = 1'-0"

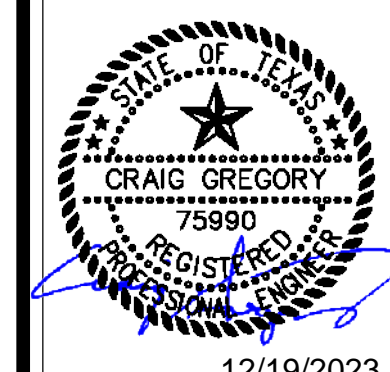


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 mail@bhbc.com • (817) 338-1277 • bhbc.com  
 TBPELS Firm #44, #10011300, #10011302, #10194146  
 BHB Project # 2023.042.007



BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING CHECK SCALE AND ADJUST ACCORDINGLY

ONE INCH REVISIONS:



12/19/2023

2102 ROOSEVELT DR.  
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 DALWORTH, TX 76034  
 PHONE (817) 333-5400  
 TBAE FIRM # 1558  
 TBAE FIRM # 171846



JPS HEALTH NETWORK  
 RADIOLOGY ROOM 133  
 1741 E BARDIN RD., ARLINGTON, TX 76018

SYMBOL LIST & FIXTURE SCHEDULE

E0.01

BARDIN

LIGHTING FIXTURE SCHEDULE		
TYPE	DESCRIPTION	LAMPS
A	2x4 RECESSED CENTER LENSED LED TROFFER, FLAT WHITE STEEL DOOR FRAME, 4556 LUMENS, 120-277 UNIVERSAL VOLTAGE, 4000K COLOR TEMPERATURE, 0-10V DIMMING (DOWN TO 10%), 80CRI, 14W EMERGENCY BATTERY PACK, COOPER METALUX #24FP SERIES OR EQUIVALENT.	41.4 W LED WITH UNIT
AE	2x4 RECESSED CENTER LENSED LED TROFFER, FLAT WHITE STEEL DOOR FRAME, 4556 LUMENS, 120-277 UNIVERSAL VOLTAGE, 4000K COLOR TEMPERATURE, 0-10V DIMMING (DOWN TO 10%), 80CRI, 14W EMERGENCY BATTERY PACK, COOPER METALUX #24FP SERIES OR EQUIVALENT.	41.4 W LED WITH UNIT
B	6" DOWNLIGHT, LED, 2000 LUMENS, UNIVERSAL VOLTAGE, 0-10V DIMMING 1%-100%, 6" UNIVERSAL LED MODULE, 2000 LUMENS, 80 CRI, 4000K COLOR TEMPERATURE, 6" LED TRIM, MEDIUM (50° BEAM) SPUN ALUMINUM DISTRIBUTION, SELF-FLANGED, SPECULAR CLEAR FINISH, PORTFOLIO #LDB8 SERIES OR EQUIVALENT	21.2 W LED WITH UNIT

## COMcheck Software Version COMcheckWeb Interior Lighting Compliance Certificate

### Project Information

Energy Code: 2021 IECC  
 Project Title: 2023.042.007 - JPS Bardin Road  
 Project Type: Alteration

Construction Site:  
 1741 E. Bardin Road  
 Arlington, Texas 76018

Owner/Agent:  
 JPS Health Network  
 1575 South Main Street  
 Fort Worth, Texas 76104

Designer/Contractor:  
 Chris Fowler  
 Baird, Hampton & Brown  
 6300 Ridglea Place, Suite 700  
 Fort Worth, Texas 76116  
 817.338.1277  
 cfowler@bhbc.com

### Allowed Interior Lighting Power

A	B	C	D
Area Category	Floor Area (ft <sup>2</sup> )	Allowed Watts / ft <sup>2</sup>	Allowed Watts
1 X-Ray 133 / X-Ray Control Room 132 (Healthcare Facility:imaging)	327	0.94	307
Total Allowed Watts =			307

### Proposed Interior Lighting Power

A	B	C	D	E
Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	Lamps/ Fixture	# of Fixture	Fixture Watt.	(C X D)
X-Ray 133 / X-Ray Control Room 132 (Healthcare Facility: Imaging, 327 sq.ft.)				
LED: A/AE: 2x2: Other:	1	5	29	146
LED: B: 6" Downlight: Other:	1	2	21	42
Total Proposed Watts =			188	

### Interior Lighting PASSES

### Interior Lighting Compliance Statement

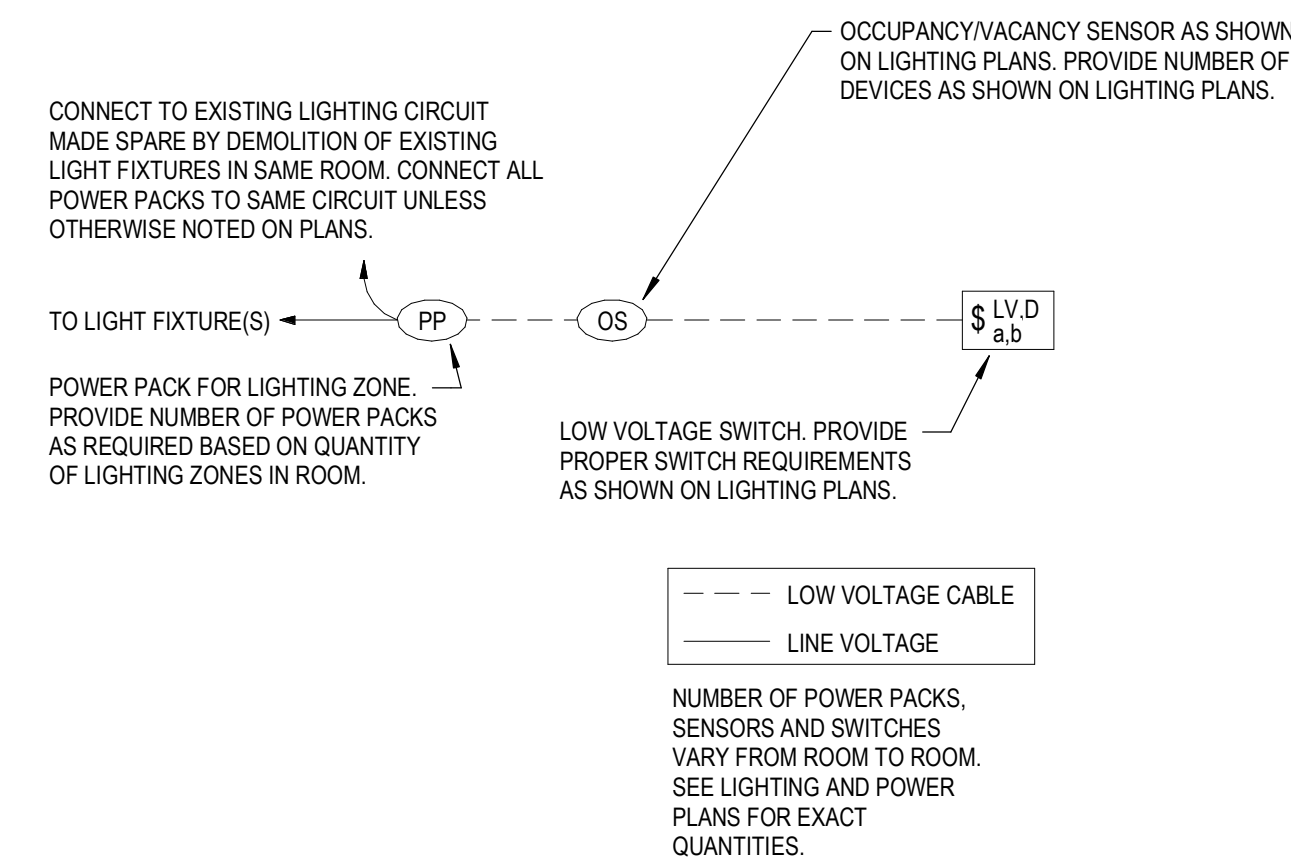
Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Chris Fowler - Electrical Designer  
 Name - Title  
 Signature  
 11/28/2023  
 Date

Project Title: 2023.042.007 - JPS Bardin Road  
 Data filename:  
 Report date: 11/28/23

ELECTRICAL SYMBOL LIST			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[Symbol]	LED LIGHT FIXTURE - NOTE 1	[Symbol]	TAMPER PROOF DUPLEX RECEPTACLE
[Symbol]	LED LIGHT FIXTURE - NOTE 1	[Symbol]	TAMPER PROOF QUAD RECEPTACLE
[Symbol]	WALL MOUNTED LED LIGHT FIXTURE - NOTE 1	[Symbol]	TAMPER PROOF GFI RECEPTACLE, WPIU FOR ALL OUTDOOR LOCATIONS
[Symbol]	LED NIGHT LIGHT FIXTURE	[Symbol]	CONTROLLED TAMPER PROOF RECEPTACLE
[Symbol]	EXIT LIGHT FIXTURES	[Symbol]	USB TAMPER PROOF RECEPTACLE
[Symbol]	LOW VOLTAGE LIGHT SWITCH - SUBLETTER DENOTES FIXTURES CONTROLLED	[Symbol]	COMBINATION FLOORBOX WITH TELEPHONE/DATA OUTLET WITH 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE UNLESS OTHERWISE NOTED, POWER AS NOTED ON PLANS
[Symbol]	LOW VOLTAGE LIGHT SWITCH WITH 0-10V DIMMING - SUBLETTER DENOTES FIXTURES CONTROLLED	[Symbol]	SPECIAL PURPOSE RECEPTACLE
[Symbol]	WALL MOUNTED OCCUPANCY SENSOR SWITCH	[Symbol]	TELE & DATA OUTLET WITH A 1" TO ABOVE CLG
[Symbol]	WALL MOUNTED VACANCY SENSOR SWITCH	[Symbol]	TELEVISION OUTLET - REFER TO NOTE 3
[Symbol]	THREE WAY SWITCH	[Symbol]	FIRE ALARM PULL STATION
[Symbol]	CEILING MOUNTED VACANCY SENSOR - NOTE 4	[Symbol]	FIRE ALARM STROBE/SPEAKER UNIT
[Symbol]	CEILING MOUNTED OCCUPANCY SENSOR - NOTE 4	[Symbol]	FIRE ALARM STROBE ONLY
[Symbol]	OCCUPANCY/VACANCY SENSOR POWER PACK - NOTE 4	[Symbol]	CEILING MOUNTED FIRE ALARM STROBE/SPEAKER UNIT
[Symbol]	MOTOR RATED SWITCH	[Symbol]	CEILING MOUNTED FIRE ALARM STROBE ONLY
[Symbol]	BRANCH CIRCUIT PANELBOARD	[Symbol]	DOOR 'HOLD OPEN' DEVICE
[Symbol]	CONDUIT AND HOMERUN TO PANEL - NOTE 2	[Symbol]	FIRE ALARM RELAY - WON DOOR DRY CONTACT
[Symbol]	CONDUIT W/ ONE PHASE, ONE NEUTRAL & ONE GROUND	[Symbol]	CEILING MTD SMOKE DETECTOR
[Symbol]	GROUND	[Symbol]	DUCT MOUNTED SMOKE DETECTOR
[Symbol]	JUNCTION BOX	[Symbol]	CEILING MOUNTED HEAT DETECTOR
[Symbol]	MOTOR	[Symbol]	FIRE ALARM TAMPER SWITCH
[Symbol]	DISCONNECT SWITCH	[Symbol]	FIRE ALARM FLOW SWITCH
[Symbol]	ABOVE FINISHED FLOOR	[Symbol]	WEATHERPROOF IN USE COVER
[Symbol]	MOUNTED ABOVE COUNTER	[Symbol]	DISCONNECT SIZE / POLES / FUSE SIZE/NEMA RATING
[Symbol]	INDICATES EXISTING TO REMAIN	[Symbol]	CLG CEILING MOUNTED
[Symbol]	INDICATES EXISTING DEVICE TO BE RELOCATED	[Symbol]	GFI GROUND FAULT CIRCUIT INTERRUPTING
[Symbol]	INDICATES NEW LOCATION OF EXISTING DEVICE	[Symbol]	NF NON-FUSIBLE (DISCONNECT)

NOTES:  
 1. LETTER ADJACENT TO FIXTURE DENOTES FIXTURE TYPE. REFER TO LIGHT FIXTURE SCHEDULE.  
 2. UNLESS OTHERWISE NOTED, PROVIDE ONE PHASE CONDUCTOR, ONE NEUTRAL CONDUCTOR, AND ONE GROUND CONDUCTOR.  
 3. INSTALL TELEVISION JACK AND RECEPTACLE IN TV BRACKET. COORDINATE EXACT OUTLET LOCATION (HEIGHT, BRACKET TYPE, ETC.) PRIOR TO INSTALLATION.  
 4. REFER TO E1 SERIES DRAWINGS FOR LOCATIONS AND QUANTITIES. REFER TO DETAIL 1, SHEET E0.01 FOR LIGHTING CONTROL DIAGRAM.  
 GENERAL NOTES:  
 A. SOME OF THESE SYMBOLS AND ABBREVIATIONS MAY NOT APPEAR ON THE DRAWINGS.



## 1 LIGHTING CONTROL SCHEMATIC

Scale: No Scale



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 TBPELS Firm #44, #10011300, #10011302, #10194146  
 BHBC Project # 2023.042.007



**SHEET NOTES:**

1. REMOVE ALL POWER AND LIGHTING DEVICES SHOWN ON DETAIL 1, E1.00 UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL INTERCEPT AND EXTEND ANY EXISTING BRANCH CIRCUITS, LOW VOLTAGE CABLING, ETC., BEING RELOCATED AS PART OF THIS PROJECT.

**NOTES BY SYMBOL**

1. APPROXIMATE LOCATION OF EXISTING 100A/3P ENCLOSED CIRCUIT BREAKER. REMOVE EXISTING CIRCUIT BREAKER, CONDUIT AND CONDUCTORS BACK TO EXISTING 150A/3P IN EXISTING ELECTRICAL ROOM 148. (APPROXIMATELY 40' TO THE WEST OF THIS LOCATION)

" O "

COMM. NO. 1239

DATE 12/19/2023

DRAWN CF

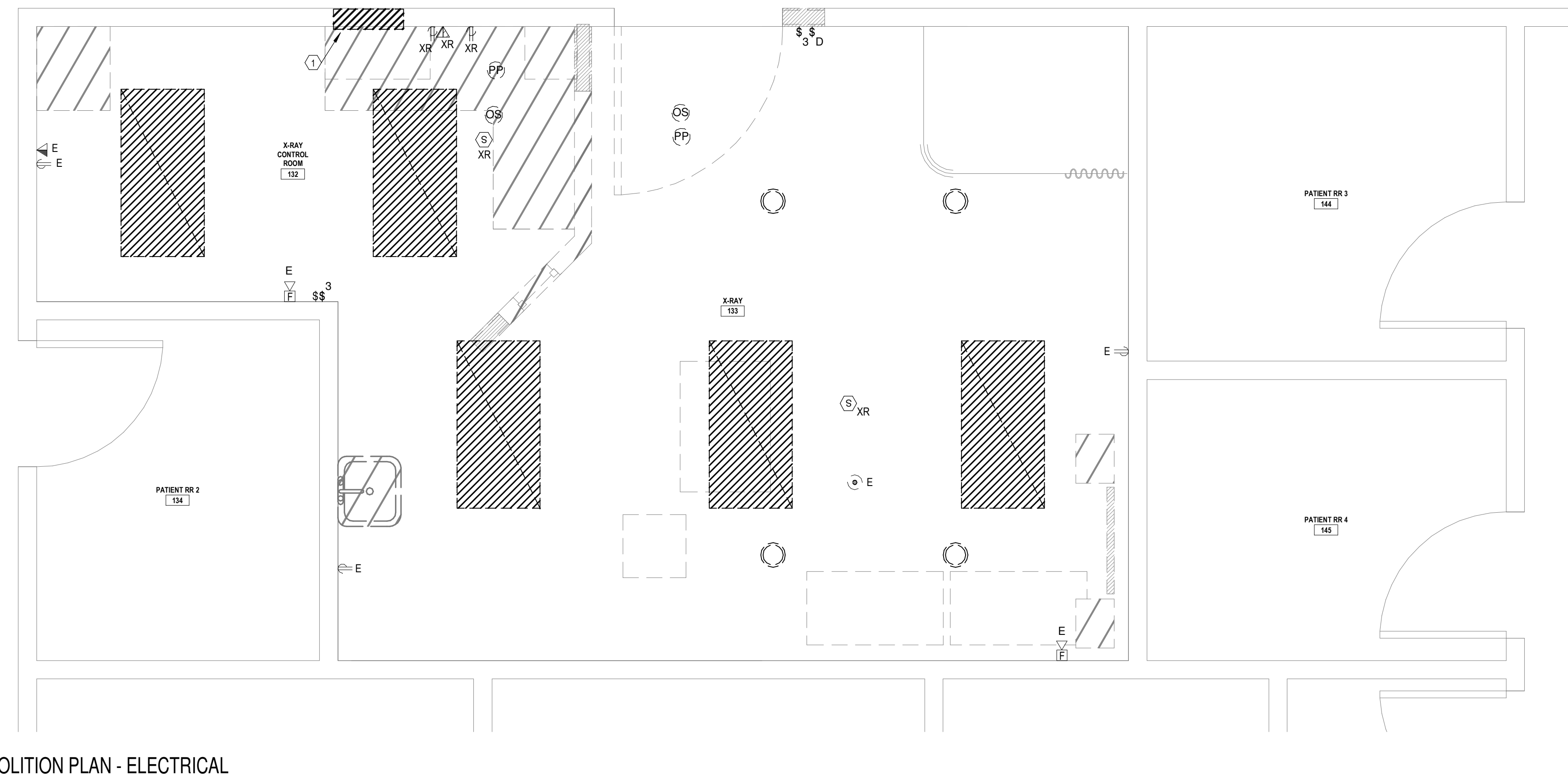
CHECKED CG

BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING CHECK SCALE AND ADJUST ACCORDINGLY

ONE INCH REVISIONS:



12/19/2023



**1** DEMOLITION PLAN - ELECTRICAL  
1/2" = 1'-0"

2102 ROOSEVELT DR.  
SUITE A  
DALLAS, TEXAS 75245  
PHONE (817) 303-5400  
TBAE FIRM # 1558  
TYPE FIRM # F-15846



JPS HEALTH NETWORK  
RADIOLOGY ROOM 133  
1741 E BARDIN RD., ARLINGTON, TX 76018



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TBPELS Firm #44, #10011300, #10011302, #10194146  
BHB Project # 2023.042.007

DEMOLITION PLAN - ELECTRICAL

**E1.00**

BARDIN

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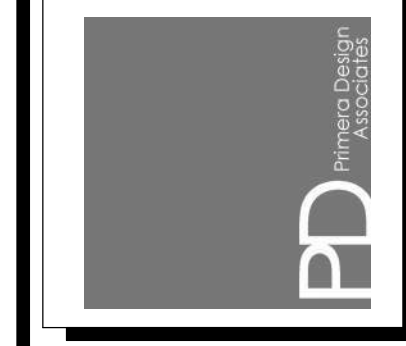


BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING CHECK SCALE AND ADJUST ACCORDINGLY  
 ONE INCH REVISIONS:



12/19/2023

2102 ROOSEVELT DR.  
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 RADIOLOGY ROOM 133  
 1741 E BARDIN RD., ARLINGTON, TX 76018

ELECTRICAL PLANS

E1.01

BARDIN

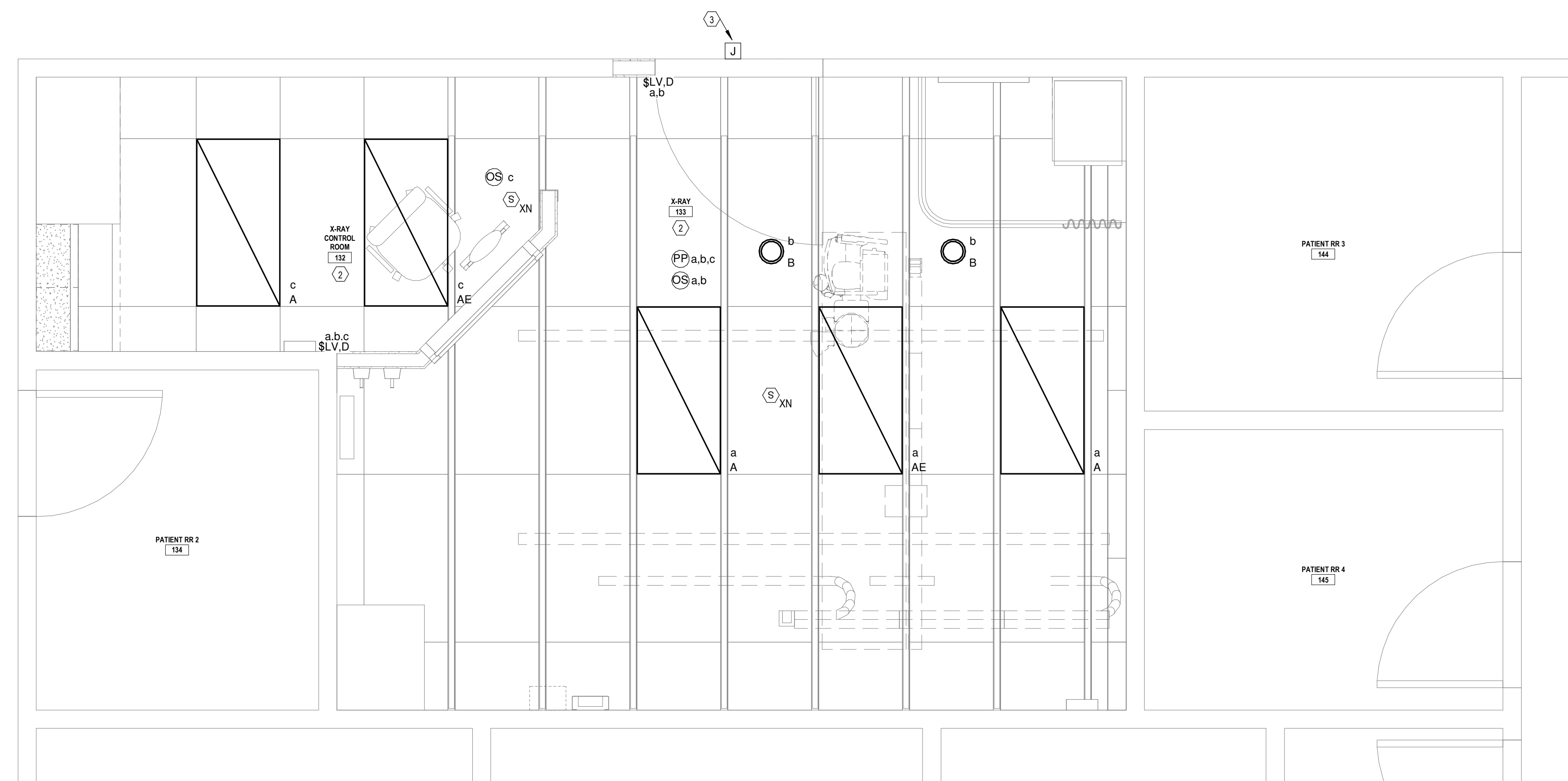
**SHEET NOTES:**

- CONTRACTOR SHALL INTERCEPT AND EXTEND ANY EXISTING BRANCH CIRCUITS, LOW VOLTAGE CABLING, ETC., BEING RELOCATED AS PART OF THIS PROJECT.

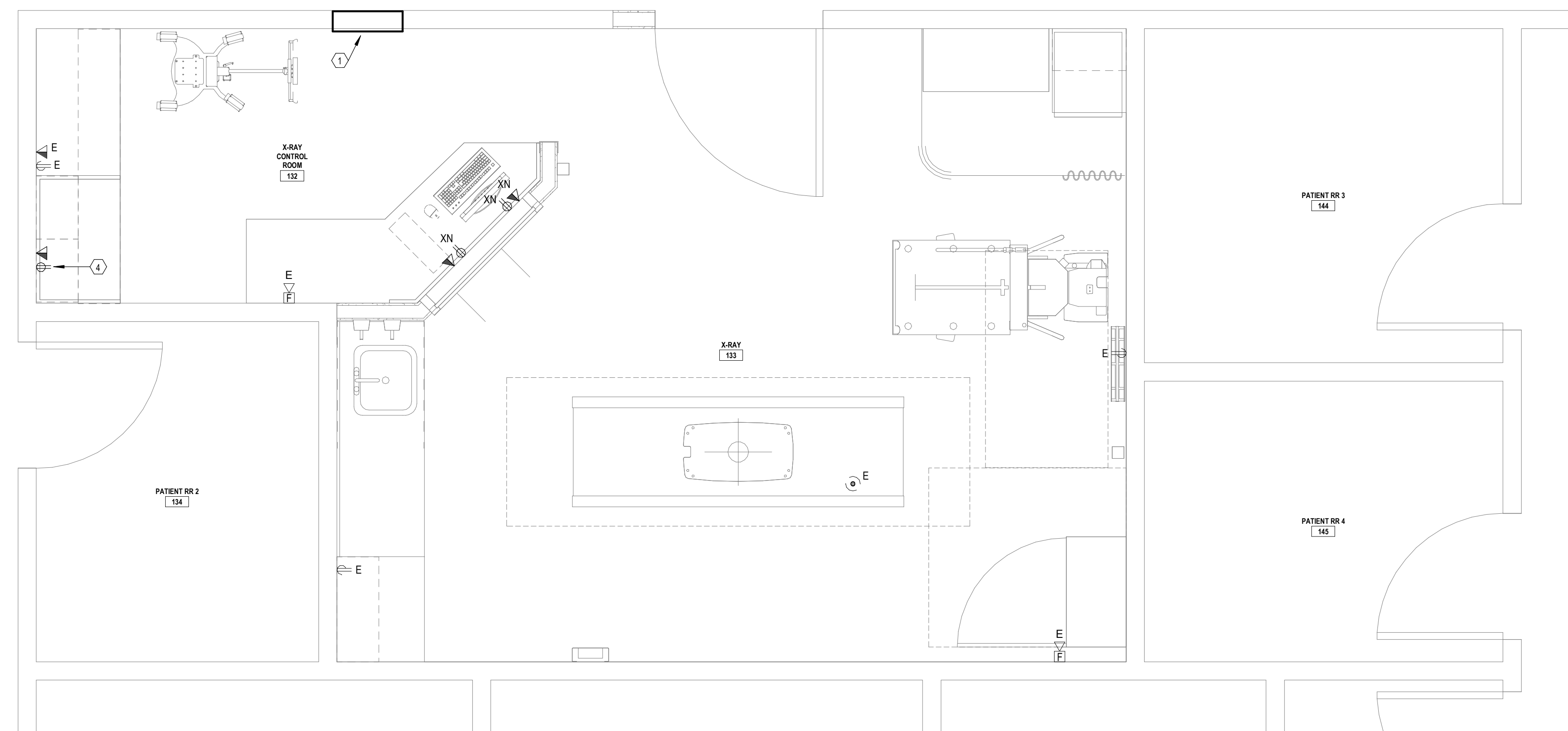
**NOTES BY SYMBOL**

- PROVIDE A NEW 80A/3P ENCLOSED CIRCUIT BREAKER WITH SHUNT TRIP IN A RECESSED ENCLOSURE AT THIS LOCATION AND EXTEND 3#10, #10G, IN A 2" CONDUIT TO EXISTING 15A/3P ENCLOSED CIRCUIT BREAKER IN EXISTING ELECTRICAL ROOM 145 (APPROXIMATELY 40' TO THE WEST OF THIS LOCATION). PROVIDE A NEW 80A/3P CIRCUIT BREAKER. COORDINATE EXACT REQUIREMENTS AND INSTALLATION LOCATION WITH X-RAY VENDOR PRIOR TO ROUGH-IN.
- REFER TO LIGHTING CONTROL SCHEMATIC, DETAIL 1, SHEET E001 FOR ADDITIONAL INFORMATION REGARDING LIGHTING CONTROLS IN THIS ROOM.
- X-RAY IN USE SIGN.
- EXTEND 2#10, #10G, IN A 3/4" CONDUIT FROM THIS RECEPTACLE AND EXTEND TO A SPARE 20A/1P CIRCUIT BREAKER IN EXISTING PANEL LA, CIRCUIT #7 IN EXISTING ELECTRICAL ROOM 148 (APPROXIMATELY 40' TO THE WEST OF THIS LOCATION).

REFER TO X-RAY VENDOR EQUIPMENT DRAWINGS FOR ADDITIONAL ROUGH-IN REQUIREMENTS REQUIRED BY CONTRACTOR. PROVIDE ALL ADDITIONAL ITEMS REQUIRED AS SHOWN ON VENDOR DRAWINGS AND INSTALL IN ACCORDANCE WITH VENDORS REQUIREMENTS.



2 CEILING PLAN - LIGHTING  
 1/2" = 1'-0"



3 FLOOR PLAN - POWER  
 1/2" = 1'-0"



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