

Exposure Report

Animal hospital

Arkansas

SheetRisk's first read of this set, Oct 28, 2026, 9:32 AM PDT.

COVER PAGE

115 potential change orders and RFIs found in SheetRisk's first read of 72 sheets (32 high, 62 medium and 21 low impact). The quotes are copied word for word from the drawings.

2 Project header

Project	Animal hospital
Location	Arkansas
Sheets in index	72
Sheets read	72
Not in this read	Nothing
Report	Exposure Report · Oct 28, 2026, 9:32 AM PDT

This report analyzes the drawings provided. It is not a guarantee, warranty or insurance, and design decisions remain with the project's design professionals.

A real report, from a real drawing set

This is an actual SheetRisk report, unlocked, from a real animal hospital project in Arkansas. Every item, quote and sheet reference is exactly as the report came back. Names, addresses, phone numbers and anything else that could identify the project or the people on it are redacted to protect their privacy. No redactions will appear on your own drawing run.

3 Potential change orders and RFIs

115 items

Item 1 · Generator fuel: electric on E0.01, gas on P1.21

CONFLICT

HIGH IMPACT

Sheets E0.01, E5.01, P1.21

E0.01 says

"EVERDENCY GENERATOR: 350 KW."

P1.21 says

"FOR OF COORDINATE PARKING ADOMICAL LOT 2PSI INFORMATION REFER GAS WITH 15 NG CMIL ON GENERATOR GENERATOR SITE UTILITY IN AND DATLINGS NE FINAL CORNER"

Question to send

Which fuel governs the generator?

Why it matters

Sheet E0.01 shows the generator as electric; sheet P1.21 shows it as gas. (Read from E0.01: 350 KW.)

Item 2 · Unit heater fuel: electric on E0.00, gas on M6.02

CONFLICT

HIGH IMPACT

Sheets E0.00, M6.02

E0.00 says

"FOR ROOF-TOP ELECTRICAL UNITS, REQUIREMENTS UNIT HEATERS, OF"

M6.02 says

"NATURAL GAS FIRED UNIT HEATER SCHEDULE MOTOR HP"

Question to send

Which fuel governs the unit heater?

Why it matters

Sheet E0.00 shows the unit heater as electric; sheet M6.02 shows it as gas.

Item 3 · DE-2 needs power, but the electrical sheets do not show it

CONFLICT

HIGH IMPACT

Sheets M6.01, E6.01

M6.01 says

"FAN SCHEDULE TAG: DE-2 · AREA SERVED: SO ANTE ROOM · TYPE: CEILING MOUNTED · DRIVE: DIRECT · COL 6: 2880 · WATT: 72 ·"

M6.01 says

"FAN SCHEDULE TAG: EF-11 · AREA SERVED: COMFORT ROOM · TYPE: CEILING MOUNTED · DRIVE: DIRECT · CPM: 150 · COL 6: 891 · VIPHIMZ:"

M6.01 says

"FAN SCHEDULE TAG: EF-2 · AREA SERVED: KAM · TYPE: CEILING MOUNTED · DRIVE: DIRECT · CPM: 150 · COL 7: 0.4 · VIPHIMZ: 120/1/60"

Question to send

Which circuit feeds DE-2, and is it in the electrical bid?

Why it matters

The schedule on M6.01 lists DE-2 with electrical data, but DE-2 is not printed on the electrical sheets, while other units from the same schedule are: EF-13 (E6.01). Its circuit, breaker and disconnect are not shown.

Item 4 · Fire alarm and sprinkler furnish assignments conflict with design-build note

CONFLICT

HIGH IMPACT

Sheets A0.05, A0.01, E3.01

A0.05 says

"ITEM: FIRE ALARM · OWNER INSTALL FURNISH: :unselected: · GENERAL LANDLORD CONTRACTOR INSTALL
INSTALL FURNISH: :unselected: · CONSULTANT FURNISH: :selected:"

A0.05 says

"ITEM: SPRINKLER SYSTEM (CO2, DRY-CHEMICAL, WET-CHEMICAL, ETC) · OWNER INSTALL FURNISH: :unselected:
· CONSULTANT FURNISH: :selected: · EXISTING: :selected:"

A0.01 says

"FIRE SPRINKLER SYSTEM WORK AND FIRE ALARM SYSTEM WORK ARE DESIGN BUILD BY THE CONTRACTOR."

Question to send

Who furnishes, designs and installs the fire alarm and sprinkler systems, and where is each one priced?

Why it matters

Sheet A0.05 assigns fire alarm and sprinkler to a consultant furnish column. Sheet A0.01 makes both design-build by the contractor, and sheet E3.01 defers fire alarm drawings to the fire alarm contractor.

Item 5 · Toilet partitions assigned to GC but marked to move to owner

CONFLICT

HIGH IMPACT

Sheets A0.05

A0.05 says

"ITEM: TOILET PARTITIONS · OWNER INSTALL FURNISH: :unselected: · GENERAL LANDLORD CONTRACTOR
INSTALL FURNISH: :selected: :selected:"

A0.05 says

"REMARKS: move to owner or"

Question to send

Who furnishes and installs the toilet partitions?

Why it matters

Sheet A0.05 selects GC install and furnish for toilet partitions. The remark says to move them to owner or vendor.

Item 6 · Existing gas piping: abandon below grade versus remove

CONFLICT

HIGH IMPACT

Sheets A1.01

A1.01 says

"GAS PIPING TO BE ABANDONED BELOW GRADE"

A1.01 says

"REMOVE EXISTING GAS PIPING; SIZE UNVERIFIED AS REQUIRED BY NEW WORK"

Question to send

Is the existing below-grade gas piping abandoned and capped, or removed, and what size must be verified?

Why it matters

Sheet A1.01 says below-grade gas piping is abandoned, and another note says existing gas piping is removed with the size unverified.

Item 7 · Walk-in coolers marked remove but also assigned for installation

CONFLICT

HIGH IMPACT

Sheets A0.05

A0.05 says

"ITEM: WALK-IN COOLERS remove"

A0.05 says

"ITEM: REFRIGERATION INSTALL WALK-INS · OWNER INSTALL FURNISH: :unselected: · FURNISH: :unselected: · GENERAL LANDLORD CONTRACTOR INSTALL INSTALL FURNISH: :unselected: · CONSULTANT FURNISH: :selected:"

A0.05 says

"REMARKS: PLUMBER & ELECT. TO PROVIDE UTILITY CONNECTION /CHASES & CONDENSATE"

Question to send

Are the walk-in coolers being removed, reinstalled or newly installed, and who furnishes each?

Why it matters

Sheet A0.05 marks walk-in coolers as remove. Other rows assign a consultant to furnish refrigeration walk-ins, and the remarks give plumber and electrician utility connections.

Item 8 · Medical vacuum equipment supplier unclear on sheet P0.00

CONFLICT

HIGH IMPACT

Sheets P0.00

P0.00 says

"MEDICAL GAS EQUIPMENT SHALL BE SUPPLIED BY CONTRACTOR"

P0.00 says

"THE FOLLOWING MEDICAL VACUUM EQUIPMENT SHALL BE SUPPLIED BY"

Question to send

Who furnishes the medical vacuum equipment, and who provides its connections and power?

Why it matters

Sheet P0.00 says medical gas equipment is supplied by the contractor, then names a vendor for the medical vacuum equipment. The supplier of the vacuum pumps and valve boxes is not clear.

Item 9 · Gas connected load total does not match listed equipment

CONFLICT

HIGH IMPACT

Sheets P6.01, M6.02

P6.01 says

"EQUIPMENT: PAC-1 · GAS LOAD: 600,000 BTUH"

P6.01 says

"EQUIPMENT: TOTAL CONNECTED LOAD · GAS LOAD: 3,630,000 BTUH"

P6.01 says

"GAS CONNECTION SCHEDULE EQUIPMENT: TOTAL CONNECTED LOAD · GAS LOAD: 3,630,000 BTUH"

Question to send

What is the correct total gas connected load, and which equipment makes up the difference?

Why it matters

Sheet P6.01 lists equipment loads that sum to about 2,580,000 BTUH, but prints a total of 3,630,000 BTUH. Sheet M6.02 also lists the boiler gas input, which affects meter and regulator sizing.

Item 10 · Makeup air interlock with fume hood assigned to electrical, hood by others

CONFLICT

HIGH IMPACT

Sheets

E2.11, M1.02

E2.11 says

"TERLOCK MAKE UP AIR UNIT WITH FUME HOOD. SWITCH ON/OFF."

M1.02 says

"CHEMO FUME HOOD BY OTHERS."

E2.11 says

"MAKE UP AIR UNIT WITH FUME HOOD. SWITCH ON/OFF."

Question to send

Who furnishes and wires the makeup air unit to fume hood interlock?

Why it matters

Sheet E2.11 calls for a makeup air unit interlock with the fume hood and an on/off switch. Sheet M1.02 lists the chemo fume hood as by others and assigns no interlock wiring.

Item 11 · ESAOTE MAI machine: contractor versus owner furnishing

CONFLICT

HIGH IMPACT

Sheets

E2.01, E5.01

E2.01 says

"IS PROVIDED BY ESAOTE, THE CONTRACTOR SHALL PROVIDE. EC SHALL PROVIDE ADDITIONAL CONTACT(S) IN ELECTRICAL POWER FLOOR PLAN"

E5.01 says

"EQUIPMENT SCHEDULE TAG: 6-005 · EQUIPMENT DESCRIPTICH: MAI MACHINE · VENDOR/MANUFACTURER: ESAOTE · FURNISHED BY: OWNER · INSTALLED BY: OWNER"

Question to send

Does the owner or the contractor furnish and install the ESAOTE MAI machine?

Why it matters

Sheet E2.01 says the contractor provides the ESAOTE equipment and the electrician adds power quality contacts. Sheet E5.01 lists tag 6-005 as furnished and installed by owner.

Item 12 · Gas sterilizer recirculation pump and check valve have no clear owner

CONFLICT

HIGH IMPACT

Sheets

E5.01, P5.01

E5.01 says

"EQUIPMENT DESCRIPTICH: GAS STERILIZER · VENDOR/MANUFACTURER: ANDERSEN PRODUCTS · MODEL NUMBER: AN74.74 · FURNISHED BY: OWNER · INSTALLED BY: OWNER"

P5.01 says

"GAS STERILIZER RECIRC. PUMP CHECK VALVE (TYP)"

Question to send

Who furnishes and installs the recirculation pump and check valve for the gas sterilizer?

Why it matters

Sheet E5.01 lists the gas sterilizer as furnished and installed by owner. Sheet P5.01 draws a gas sterilizer recirculation pump and check valve on that line.

Item 13 · Boiler B-1 flue size and model differ between detail and schedule**CONFLICT****HIGH IMPACT****Sheets**

M5.02, M6.02

M5.02 says

"4" FLUE"

M5.02 says

"XFIIRE H7—650B"

M6.02 says

"T7 · VENT STACK: 6"

Question to send

What flue size and boiler model should be used for boiler B-1?

Why it matters

Sheet M5.02 shows a 4 inch flue and an XFIIRE H7-650B boiler. Sheet M6.02 shows a 6 inch vent stack and a Rheem Raypac basis of design for the same 650 MBH boiler.

Item 14 · Same 281.7 kVA load shown on a 1200A panel and a 125A bus**CONFLICT****HIGH IMPACT****Sheets**

E6.01

E6.01 says

"SURFACE BUS RATING 1200A 1: 9 · #10: #10 · DVD M: M · L2: 163 · BKR: 20/1 · COND: 3/4" · CONN. LOAD:"

E6.01 says

"TRIM: SURFACE BUS RATING 125A"

E6.01 says

"TOTAL CONNECTED LOAD 281.7, KVA 782.6 AMPS"

Question to send

What is the correct panel size, feeder and breaker for this 281.7 kVA load?

Why it matters

Sheet E6.01 shows connected load of 281.7 kVA and 782.6 amps on a 1200A surface bus, and a 125A bus rating in the trim. A 281.7 kVA load at 208V draws about 782 A.

Item 15 · Cold-formed stud size for new jamb differs between legend and note**CONFLICT****HIGH IMPACT****Sheets**

S1.0

S1.0 says

"ABOVE 800S162-43 USING SCHEDULE"

S1.0 says

"800S162-54 USING STUDS (3) #12 AT END OF EACH NEW LEG"

Question to send

Which stud designation, 800S162-43 or 800S162-54, is required at the new jamb?

Why it matters

Sheet S1.0 legend calls for 800S162-43 studs, while note 12 calls for 800S162-54 studs at the new jamb. The framing gauge and structural substitution are not settled.

Item 16 · Generator 350 kW three-phase versus 32 kW single-phase standard**CONFLICT****HIGH IMPACT****Sheets**

E0.01, E5.01

E0.01 says

"6. EVERDENCY GENERATOR: 350 KW. NATURAL GAS, 0.8 PF, 20BY/120 VOLT, 3 PHASE, 4 WIRE, W/ PROTECTIVE HOUSING."

E5.01 says

"NOTES: STANDARD GENERATOR: 32KW SINGLE PHASE 208/230/240"

Question to send

Which generator size and phase is required?

Why it matters

Sheet E0.01 describes a 350 kW three-phase natural gas generator. Sheet E5.01 notes a standard 32 kW single-phase generator.

Item 17 · DE-15 is shown on E2.01 but has no row in the DE schedule on M6.01**MISSING NUMBER****HIGH IMPACT****Sheets**

E2.01, M6.01

E2.01 says

"EER=16 DE-15 F401 0 +44" ELR-1 S . CONSUL USB ELR-40 Q T 1 no/'ved' 1V/+60" use\ CONSUL ROOM ELR-40 114 O 07 FLR-17, O"

M6.01 says

"EF-26 SHOWER"

M6.01 says

"EF-28 LAB"

Question to send

Please add DE-15 to the schedule with its data, or confirm it is not in the work.

Why it matters

Sheet E2.01 prints DE-15; the DE schedule on M6.01 lists other DE units but not this one, so its size, power and other data are not given.

Item 18 · CT machine voltage refers to electrical sheets E-1 to E-8, not in set

MISSING DOCUMENT

HIGH IMPACT

Sheets

E5.01

E5.01 says

"VOLTAGE: SEE SHEET E-1 TO E-8 (43 OF 1-50)"

E5.01 says

"EQUIPMENT SCHEDULE TAG: 4-003 · EQUIPMENT DESCRIPTICH: CT MACHINE · VENDOR/MANUFACTURER: [REDACTED] / GE HEALTHCARE · FURNISHED BY: OWNER · INSTALLED"

E5.01 says

"EQUIPMENT SCHEDULE TAG: 6-004 · EQUIPMENT DESCRIPTICH: CT CONSOLE · VENDOR/MANUFACTURER: [REDACTED] / GE HEALTHCARE · FURNISHED BY: OWNER · INSTALLED"

Question to send

Please provide the CT machine voltage, feeder size and connection data for the CT machine and console.

Why it matters

Sheet E5.01 gives the CT machine and CT console voltage as see sheet E-1 to E-8, which is not identified in the set. The CT machine is tagged 4-003 and furnished by owner, installed by vendor.

Item 19 · Utility A.I.C. rating left to field verification at no extra cost

MISSING NUMBER

HIGH IMPACT

Sheets

E0.00

E0.00 says

"A.I.C OF PANELS AND SERVICE ENTRANCE EQUIPMENT IS BASED ON TYPICAL UTILITY TRANSFORMER SPECIFICATIONS."

E0.00 says

"CONTRACTOR SHALL FIELD VERIFY EXACT UTILITY A.I.C RATING AND MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED IN THE FIELD AT NO EXTRA COST TO OWNER."

E0.00 says

"A.I.C OF PANELS AND SERVICE ENTRANCE EQUIPMENT IS BASED ON TYPICAL TRANSFORMER SPECIFICATIONS."

Question to send

What is the actual utility available fault current so the service equipment can be priced?

Why it matters

Sheet E0.00 says panel and service equipment A.I.C. is based on typical utility transformer specifications. The contractor must field verify the rating and adjust equipment at no extra cost.

Item 20 · Exterior emergency lighting requirement left to AHJ

MISSING NUMBER

HIGH IMPACT

Sheets

E0.00

E0.00 says

"E.C. IS TO VERIFY WITH LOCAL AHJ FOR REQUIREMENT OF EXTERIOR EMERGENCY LIGHTING AND ADJUST BID TO INCORPORATE AS NEEDED."

Question to send

Is exterior emergency lighting required, and if so, where is it to be shown?

Why it matters

Sheet E0.00 says the electrical contractor verifies with the local AHJ whether exterior emergency lighting is required and to adjust the bid as needed.

Item 21 · Fire alarm design deferred to a sub while the GC is told to design-build it

MISSING NUMBER

HIGH IMPACT

Sheets E3.01, A0.01, M0.00, M6.01

E3.01 says

"ALL FIRE ALARM DEVICES SHOWN FOR REFERENCE ONLY. FIRE ALARM SYSTEM DRAWINGS SHALL BE PROVIDED AS DEFERRED SUBMITAL FROM FIRE ALARM CONTRACTOR."

A0.01 says

"FIRE SPRINKLER SYSTEM WORK AND FIRE ALARM SYSTEM WORK ARE DESIGN BUILD BY THE CONTRACTOR."

M0.00 says

"SMOKE DETECTORS WIRED BY DIVISIIN 16."

Question to send

Who designs and prices the fire alarm system, and will a complete fire alarm layout be issued before bid?

Why it matters

Sheet E3.01 says fire alarm drawings will be a deferred submittal from a fire alarm contractor. Sheet A0.01 says fire alarm work is design-build by the contractor. Sheets M0.00 and M6.01 assign duct smoke detectors to Division 16 or mechanical.

Item 22 · Sprinkler design relies on a fire department flow test not in set

MISSING DOCUMENT

HIGH IMPACT

Sheets FP0.00

FP0.00 says

"SPRINKLER CONTRACTOR CONTRACTOR, TO BASE ALL CALCULATIONS UPON CURRENT FLOW TEST SUPPLIED BY FIRE"

FP0.00 says

"TO BASE ALL CALCULATIONS UPON CURRENT FLOW TEST SUPPLIED BY FIRE"

Question to send

Please provide the current fire department flow test before bid.

Why it matters

Sheet FP0.00 says the sprinkler contractor must base all calculations on the current flow test supplied by the fire department. That test is not in the set.

Item 23 · Boiler emergency pushbutton and control wiring not carried by mechanical

MISSING NUMBER

HIGH IMPACT

Sheets E2.11, E2.02, M6.02

E2.11 says

"FOR ANY BOILER MECHANICAL SYSTEM, E.C. IS TO PROVIDE AN EMERGENCY PUSHBUTTON OFF AND ANY"

M6.02 says

"NOTES: 1 MOUNT TIGHT TO STRUCTURE."

E2.02 says

"FOR ANY BOILER MECHANICAL SYSTEM, E.C. IS TO PROVIDE AN EMERGENCY PUSHBUTTON OFF AND ANY CONTROL WIRING REQUIRED."

Question to send

Who furnishes the boiler emergency pushbutton and its control wiring?

Why it matters

Sheets E2.02 and E2.11 assign the boiler emergency pushbutton and control wiring to the electrical contractor. Sheet M6.02 does not assign either item to a trade.

Item 24 · Acid neutralization kit assigned to mechanical but not shown in mechanical notes

MISSING NUMBER

HIGH IMPACT

Sheets

P1.01, M4.01

P1.01 says

"PROVIDE BY MECHANICAL CONTRACTOR, IN CONDENSATE"

M4.01 says

"24. ROUTE COPPER CONDENSATE"

Question to send

Does the mechanical contractor furnish and install the acid neutralization kit in the condensate line?

Why it matters

Sheet P1.01 says the acid neutralization kit is provided by the mechanical contractor in the condensate line. Sheet M4.01 routes the copper condensate line without mentioning the kit.

Item 25 · Low-voltage cabling not assigned to any trade

MISSING NUMBER

HIGH IMPACT

Sheets

E0.00

E0.00 says

"ELECTRICAL CONTRACTOR TO PROVIDE JUNCTION BOX AND CONDUIT STUB-UP ABOVE CEILING FOR ALL LOW VOLTAGE CABLING."

E0.00 says

"TELEPHONE DATA, OUTLETS (CENTERLINE)"

Question to send

Which trade furnishes and pulls the low-voltage cabling?

Why it matters

Sheet E0.00 says the electrical contractor provides only junction boxes and stub-ups for low-voltage cabling, and shows telephone and data outlets.

Item 26 · Generator location delegated to civil drawings not in set

MISSING DOCUMENT

HIGH IMPACT

Sheets

E2.01

E2.01 says

"VERIFY EXACT LOCATION WITH CIVIL FOR GENERATOR."

Question to send

Where is the generator pad located, and who builds it?

Why it matters

Sheet E2.01 says to verify the exact generator location with civil. The set has no civil drawings.

Item 27 · Riser diagram referenced for many circuits but not in the set

MISSING DOCUMENT

HIGH IMPACT

Sheets E6.01

E6.01 says

"REFER TO RISER DIAGRAM"

E6.01 says

"REFER DIAGRAM TO RISER"

Question to send

Please issue the riser diagram referenced on the panel schedules.

Why it matters

Sheet E6.01 repeatedly says to refer to a riser diagram for panel feeder sizes and connections. No riser sheet is listed in the set.

Item 28 · Air separator make-up water assigned to plumbing with no matching connection

MISSING NUMBER

HIGH IMPACT

Sheets M4.01, P1.11

M4.01 says

"COORDINATE MAKE-UP WATER INSTALLED BY THE CONNECTION OF THE PLUMBING CONTRACTOR"

Question to send

Please show the make-up water connection point, size and valve for air separator AS-1 on the plumbing sheets.

Why it matters

Sheet M4.01 assigns the make-up water connection to the air separator to the plumbing contractor. Sheet P1.11 shows a make-up water callout that is not tied to air separator AS-1.

Item 29 · Chemo fume hood by others with no service connections shown on plumbing

MISSING NUMBER

HIGH IMPACT

Sheets M1.02

M1.02 says

"15. CHEMO FUME HOOD BY OTHERS."

Question to send

Who furnishes and connects the chemo fume hood's water, gas and drain services?

Why it matters

Sheet M1.02 says the chemo fume hood is by others. The plumbing sheets show no water, gas or drain connection for the hood.

Item 30 · PAC-3 gas load on plan is missing from gas schedule

MISSING NUMBER

HIGH IMPACT

Sheets P1.21, P6.01

P1.21 says

"1-1/4" 1200 CFH NO PAC 3"

P6.01 says

"T10 · GAS CONNECTION SCHEDULE EQUIPMENT: PAC-2 · GAS LOAD: 600,000 BTUM"

Question to send

Is there a PAC-3 gas load, and should it be added to the gas connection schedule?

Why it matters

Sheet P1.21 labels a 1200 CFH gas branch for PAC-3. Sheet P6.01 gas connection schedule lists only PAC-1 and PAC-2, so the PAC-3 load is not counted.

Item 31 · Occupant load total does not match the sum of listed areas

CONFLICT

MEDIUM IMPACT

Sheets

A0.03

A0.03 says

"TOTAL OCCUPANT LOAD = 199 PERSONS"

A0.03 says

"UNCONCENTRATED SEATING 465 SF @ 15"

A0.03 says

"INPATIENT TREATMENT AREA 2997 SF @ 240 SF/PERSON"

Question to send

Which occupant load is correct, 199 or 166, so restroom fixture counts and exit capacity can be confirmed?

Why it matters

Sheet A0.03 prints a total occupant load of 199 persons. The listed components, 31, 113, 9 and 13, add to 166, and the inpatient and unconcentrated seating areas are also listed.

Item 32 · Equipment tag 6-001 used for both biosafety cabinet and digital X-ray

CONFLICT

MEDIUM IMPACT

Sheets

E5.01

E5.01 says

"T2 · EQUIPMENT SCHEDULE TAG: 6-001 · EQUIPMENT DESCRIPTICH: BIOSAFETY CABINET ·
VENDOR/MANUFACTURER: HUNIRE, INC."

E5.01 says

"T2 · EQUIPMENT SCHEDULE TAG: 6-001 · EQUIPMENT DESCRIPTICH: DIGITAL X-RAY · VENDOR/MANUFACTURER:
VETRACY TECHNOLOGY BY SEDECAL"

Question to send

Please confirm the correct tag for the biosafety cabinet and the digital X-ray.

Why it matters

Sheet E5.01 uses tag 6-001 for a biosafety cabinet and for a digital X-ray. The X-ray is owner-furnished and vendor-installed.

Item 33 · Tag 4-003 used for both a freezer and the CT machine

CONFLICT

MEDIUM IMPACT

Sheets

E5.01

E5.01 says

"T2 · EQUIPMENT SCHEDULE TAG: 4-003 · EQUIPMENT DESCRIPTICH: FREEZER · VENDOR/MANUFACTURER: GE"

E5.01 says

"T2 · EQUIPMENT SCHEDULE TAG: 4-003 · EQUIPMENT DESCRIPTICH: CT MACHINE"

Question to send

Please give the freezer and the CT machine separate equipment tags.

Why it matters

Sheet E5.01 uses tag 4-003 for a GE freezer and for the CT machine. Power and circuit assignments keyed to this tag could be mixed up.

Item 34 · Tag SD-3 used for both a ceiling diffuser and a backflow device**CONFLICT****MEDIUM IMPACT****Sheets**

M6.01, P6.01

M6.01 says

"SD-3 CEILING SUPPLY LAY-IN HARD / TITUS"

P6.01 says

"SD-3 3/8" DUAL ATMOSPHERIC CHECK VALVE VENT W/ CAPTIONATED"

P6.01 says

"BACKFLOW DEVICE SCHEDULE: WP-3 · SERIES: SD-3 · USAGE: CAPTIONATED BEVERAGE · APPROVAL: ASSE 1022"

Question to send

Please assign separate tags to the ceiling diffuser and the backflow device.

Why it matters

Sheet M6.01 uses SD-3 for a ceiling supply lay-in diffuser. Sheet P6.01 uses SD-3 for a dual atmospheric vacuum breaker and lists a backflow device under WP-3 with series SD-3.

Item 35 · Equipment tags 4-002 and 5-019 each used for two items**CONFLICT****MEDIUM IMPACT****Sheets**

E5.01

E5.01 says

"EQUIPMENT SCHEDULE TAG: 4-002 · EQUIPMENT DESCRIPTICH: FREEZER (FOR: PLASMA)"

E5.01 says

"EQUIPMENT SCHEDULE TAG: 4-002 · EQUIPMENT DESCRIPTICH: CAT SCALE (COUNTER SCALE)"

E5.01 says

"EQUIPMENT SCHEDULE TAG: 5-019 · EQUIPMENT DESCRIPTICH: VET STAT"

Question to send

Please assign unique equipment tags to each item on the schedule.

Why it matters

Sheet E5.01 uses tag 4-002 for a plasma freezer, a cat scale and a lead apron rack. It uses tag 5-019 for a vet stat and a clipper unit.

Item 36 · Tag AF-1 used for both a pump and an air admittance valve

CONFLICT

MEDIUM IMPACT

Sheets

P4.01, P5.01

P4.01 says

"S. RECIRCULATION PUMP AF-1 SUPPORTED FROM STRUCTURE ABOVE, REFER TO SAMDEUT VOR CAPACITIES AND DETAILS FOR INSTALLATION REQUIREMENTS."

P5.01 says

"AR ADMITTANCE VALVE AF-1 (STUDOR OR EQUAL)"

Question to send

Which device is tagged AF-1, and what is the correct tag for the other one?

Why it matters

Sheet P4.01 labels AF-1 as a recirculation pump, and sheet P5.01 labels AF-1 as an air admittance valve. The bid and submittals could price or order the wrong device.

Item 37 · Condensing unit pad thickness given as 4 inch and 6 inch

CONFLICT

MEDIUM IMPACT

Sheets

M4.01, M5.01

M4.01 says

"CONCRETE SERVICE PAD IS 4" LARGER AROUND THAN EQUIPMENT AND 4" THICK"

M5.01 says

"6" CONCRETE PAD - MINIMUM 4" LARGER THAN CONDENSING UNIT ON ALL SIDES"

M4.01 says

"CONCRETE SERVICE PAD IS 4" LARGER AROUND THAN EQUIPMENT AND 4" THICK"

Question to send

What is the correct condensing unit pad thickness?

Why it matters

Sheet M4.01 gives the condensing unit service pad as 4 inch thick. Sheet M5.01 gives the condensing unit pad as 6 inch thick.

Item 38 · Floor drain tag FD-3 listed as both 7 inch and 8 inch

CONFLICT

MEDIUM IMPACT

Sheets

P0.00

P0.00 says

"FD-3 DOG AREA FLOOR DRAIN 7" ROUND (CAST IRON BODY)"

P0.00 says

"FD-3 DOG AREA FLOOR DRAIN 8" IRON BODY)"

Question to send

Is FD-3 a 7 inch or 8 inch floor drain?

Why it matters

Sheet P0.00 uses the tag FD-3 for a 7 inch round dog area floor drain and for an 8 inch dog area drain. The drain body and trap connection size differ.

Item 39 · CMU vertical rebar spacing 32 inch on plan versus 24 inch maximum

CONFLICT

MEDIUM IMPACT

Sheets S1.0, S3.1

S1.0 says

"CMU WALL, REINFORCED W/ #5 AT 32" OC"

S3.1 says

"#5 VERTICAL WALL REINFORCING AT 24" OC MAX SPACING"

S3.1 says

"SPACING SHALL NOT EXCEED J'-4 OC FOR #5 BARS OR 4'-0" FOR #6 BARS."

Question to send

What vertical bar spacing is required for the CMU walls, 32 inch or 24 inch maximum?

Why it matters

Sheet S1.0 shows #5 vertical reinforcing at 32 inch on center, while sheet S3.1 requires a 24 inch maximum spacing. The bar count cannot satisfy both.

Item 40 · Slab vapor retarder printed as both 10 mil and 15 mil

CONFLICT

MEDIUM IMPACT

Sheets S1.0

S1.0 says

"INSTALL 10 MIL VAPOR RETARDER PER 5/S4.0."

S1.0 says

"ON 15 MIL MOISTURE REINFORCED RETARDER OVER 4" GRANULAR BASE ON GRADE."

Question to send

Is the slab-on-grade vapor retarder 10 mil or 15 mil?

Why it matters

Sheet S1.0 calls for a 10 mil vapor retarder in one note and a 15 mil moisture reinforced retarder over a 4 inch granular base in another. The material to price is not settled.

Item 41 · Lead lining thickness for imaging room walls reads two ways

CONFLICT

MEDIUM IMPACT

Sheets A5.00

A5.00 says

"GYP BD LINED WITH MIN 1/64" THICK LEAD"

A5.00 says

"GYP BO LINED WITH MIN 1/32" THICK LEAD"

Question to send

What is the minimum lead lining thickness for the imaging room walls?

Why it matters

Sheet A5.00 gives a minimum of 1/64 inch lead for gypsum board walls in one note and a minimum of 1/32 inch in another.

Item 42 · FRP wainscot height differs between two interior sheets

CONFLICT

MEDIUM IMPACT

Sheets A2.03, A2.04

A2.03 says

"FRP INSTALLED UP TO 48" AFF WITH PNT ABOVE"

A2.04 says

"INSTALLED UP TO 44"

Question to send

Is the FRP wainscot height 48 inches or 44 inches?

Why it matters

Sheet A2.03 says FRP is installed up to 48 inches AFF with paint above. Sheet A2.04 gives the same note as up to 44 inches.

Item 43 · Data communications marked move to vendor but still assigned to GC

CONFLICT

MEDIUM IMPACT

Sheets A0.05

A0.05 says

"ITEM: DATA COMMUNICATIONS · OWNER LANDLORD INSTALL FURNISH FURNISH: :unselected: · GENERAL CONTRACTOR INSTALL INSTALL FURNISH: :selected: :selected:"

A0.05 says

"REMARKS: move to vendor"

Question to send

Does the GC or a vendor furnish and install data communications?

Why it matters

Sheet A0.05 selects GC install and furnish for data communications. The remark says to move it to a vendor.

Item 44 · Dryer vent run lengths do not match stated total runs

CONFLICT

MEDIUM IMPACT

Sheets M6.02

M6.02 says

"HORIZONTAL RUN = 58 FT"

M6.02 says

"TOTAL RUN 11.5 FT"

M6.02 says

"HORIZONTAL RUN 51 FT"

Question to send

Please confirm the correct horizontal and total run length for each dryer vent.

Why it matters

Sheet M6.02 prints horizontal runs of 58 ft and 51 ft, but total runs of 11.5 ft and 85.5 ft. The vent length, booster need and wall penetrations cannot be priced from this table.

Item 45 · Flexible duct insulation thickness given as 2 inch and 1 inch

CONFLICT

MEDIUM IMPACT

Sheets

M0.00, M5.01

M0.00 says

"150 2" THICK, FOIL FACED FLEXIBLE FIBROUS GLASS BLANKET INSULATION WITH"

M5.01 says

"INSULATED (1" THICK) FLEXIBLE"

M0.00 says

"2" THICK, FOIL FACED FLEXIBLE FIBROUS GLASS BLANKET INSULATION"

Question to send

What insulation thickness is required on flexible duct?

Why it matters

Sheet M0.00 calls for 2 inch thick foil faced flexible fibrous glass blanket insulation. Sheet M5.01 shows 1 inch thick flexible duct insulation.

Item 46 · Controller operating temperature range stated two different ways

CONFLICT

MEDIUM IMPACT

Sheets

M7.01

M7.01 says

"2. Operating: - 40' to 158' F (-40 to 70' C) and 5 to 95% Rh, non-condensing."

M7.01 says

"for operation of -40' ta 155 F [-45 to 70' C)."

M7.01 says

"- 40' to 158' F (-40 to 70' C) and 5 to 95% Rh, non-condensing."

Question to send

What is the required operating temperature range for the controllers?

Why it matters

Sheet M7.01 gives operating limits of -40 to 158 F (-40 to 70 C) in one place and -40 to 155 F (-45 to 70 C) in another. The field cannot tell which limit the controllers must meet.

Item 47 · Panel LR connected load stated as 52.7 KVA and 52 KVA

CONFLICT

MEDIUM IMPACT

Sheets

E6.02

E6.02 says

"SYSTEM: 30. 4W CONN. FEED: TOP LOAD: 52.7 KVA"

E6.02 says

"MLO CONN. LOAD: 52 KVA"

Question to send

What is the correct connected load for panel LR?

Why it matters

Sheet E6.02 gives panel LR connected load as 52.7 KVA at the header and as 52 KVA in the connected-load total, with different amps.

Item 48 · Panel LR main breaker 226A on a 225A bus

CONFLICT

MEDIUM IMPACT

Sheets E6.02

E6.02 says

"MAIN: 226A MLO SYSTEM: 30, 4W BUS RATING 225A"

E6.02 says

"BUS RATING 225A GROUND BUS: YES ISOLATED GROUND"

Question to send

Should the main breaker or the bus rating for panel LR be changed?

Why it matters

Sheet E6.02 lists the panel LR main as 226A and the bus rating as 225A. The two values repeat in several circuit rows.

Item 49 · ERV-1 weight stated as 1,143 lbs and 143 lbs

CONFLICT

MEDIUM IMPACT

Sheets S2.0

S2.0 says

"ERV-1 1,143 LBS"

S2.0 says

"143 ERV-1 LBS NOTE 8, TYP"

Question to send

What is the operating weight of ERV-1?

Why it matters

Sheet S2.0 gives the ERV-1 weight as 1,143 lbs in one place and 143 lbs in a note. The roof framing and lifting requirements depend on which is correct.

Item 50 · Walk-in cooler marked remove yet connections are called out

CONFLICT

MEDIUM IMPACT

Sheets A0.05, P5.02

A0.05 says

"ITEM: WALK-IN COOLERS remove · REMARKS: PLUMBER & ELECTRICIAN TO PROVIDE UTILITY CONNECTIONS"

P5.02 says

"WALK-IN COOLER OR FREEZER BOOL"

Question to send

Is the walk-in cooler being removed or installed, and who furnishes it?

Why it matters

Sheet A0.05 marks the walk-in coolers as remove and asks plumber and electrician for utility connections. Sheet P5.02 shows a walk-in cooler or freezer box.

Item 51 · Low-voltage and 120V control wiring assigned to both mechanical and electrical

CONFLICT

MEDIUM IMPACT

Sheets M0.00, E0.00, E2.11

M0.00 says

"SHALL ALL LOW BE VOLTAGE FURNISHED WIPING AND INSTALLED BY MECHANICAL FOR CONTRACTOR."

E0.00 says

"13. ELECTRICAL CONTRACTOR TO PROVIDE JUNCTION BOX AND CONDUIT STUB-UP ABOVE CEILING FOR ALL LOW VOLTAGE CABLING."

E2.11 says

"PROVIDE ALL 120V CONTROL WIRING, REFER TO SPECIFICATIONS FOR FURTHER CONTROL WIRING"

Question to send

Which trade furnishes and pulls the low-voltage and 120V control wiring?

Why it matters

Sheet M0.00 gives low-voltage wiring to the mechanical contractor. Sheets E0.00 and E2.11 have electrical provide junction boxes, conduit and all 120V control wiring.

Item 52 · CP-1 pump service listed as condensate and as tempered water

CONFLICT

MEDIUM IMPACT

Sheets M6.02, P5.01

M6.02 says

"PUMP SCHEDULE TAG: CP-1 · MODEL #: VOL-45ULS · SERVICE: CONDENSATE"

P5.01 says

"dV oN TEMPERED PUMP CP-1 WATER CIRCULATING"

Question to send

Which service does CP-1 serve, and which trade provides its piping and controls?

Why it matters

Sheet M6.02 schedules CP-1 as a condensate pump, while sheet P5.01 labels CP-1 as a tempered water circulating pump. Sizing, piping and controls depend on which service applies.

Item 53 · CU-1 disconnect furnished by unit or contractor, with different ratings

CONFLICT

MEDIUM IMPACT

Sheets E2.02

E2.02 says

"2 2P 30A NEMA 3R DISCONNECT SWITCH FOR CU-1 & 2 FURNISHED WITH UNIT."

E2.02 says

"MECHANICAL CU-1 3R CONNECT DISCONNECT & 2 CONTRACTOR FURNISHED TO SWITCH."

Question to send

Who furnishes the CU-1 disconnect, and what is its rating?

Why it matters

Sheet E2.02 says the 2 pole 30A NEMA 3R disconnect for CU-1 is furnished with the unit. Another note says the contractor furnishes the disconnect, with the rating given as 400A 3 pole.

Item 54 · Dryer vent is rigid duct on plan but flexible duct on detail

CONFLICT

MEDIUM IMPACT

Sheets

M1.02, M5.01

M1.02 says

"4' DRYER VENT ROUTED UP THRU WALL AND ABOVE CEILING TO EXTERIOR WALL"

M5.01 says

"PROVIDE 4" DIA, FLEX DUCT FOR"

Question to send

Should the dryer vent be rigid or flexible 4 inch duct?

Why it matters

Sheet M1.02 routes a 4 inch dryer vent to the exterior wall. Sheet M5.01 calls for 4 inch flexible duct for the dryer.

Item 55 · Flexible duct length: no maximum in general note, 14 ft in detail

CONFLICT

MEDIUM IMPACT

Sheets

M0.00, M5.01

M0.00 says

"32. INSTALLATION NO MAXIMUM"

M5.01 says

"(14'-0" MAX. DUCT LENGTH)"

M0.00 says

"32. INSTALLATION NO MAXIMUM FUECELE LENGTH AND DUCTS OF MATERIAL SHALL"

Question to send

Is there a maximum flexible duct length, and is it 14 ft?

Why it matters

Sheet M0.00 note 32 says installation has no maximum for flexible duct length. Sheet M5.01 gives a 14 ft maximum duct length.

Item 56 · Controller relative humidity limit stated two ways

CONFLICT

MEDIUM IMPACT

Sheets

M7.03

M7.03 says

"Relative Humidity: Between 5% to 100% RH"

M7.03 says

"95% Rh, non-condensing."

M7.03 says

"Relative Humidity: Between 5% to 100% RH (non-condensing)"

Question to send

Is the controller relative humidity limit 5 to 100% or 5 to 95% non-condensing?

Why it matters

Sheet M7.03 gives a relative humidity range of 5 to 100% in the environmental section and 5 to 95% non-condensing in the operating conditions. The hardware rating cannot meet both.

Item 57 · Bond beam rebar at top of wall printed two different ways

CONFLICT

MEDIUM IMPACT

Sheets

S3.1, S4.0

S3.1 says

"BOND BEAM REINFORCED W (1) #4 WITHIN 16" OF TOP OF WALL AND AT ALL FLOOR OR ROOF DIAPHRAGMS"

S3.1 says

"8" CMU BOND BEAM W (2) #5 CONT"

S4.0 says

"CONT BOND 8" BEAM DEEP W/ CMU (2) #5"

Question to send

How many bars and what size are required in the top of wall bond beam?

Why it matters

Sheet S3.1 general note calls for one #4 bar within 16 inches of the top of wall. Sheet S4.0 details print two #5 continuous bars in the bond beam at the same condition.

Item 58 · Door mark 1001 used for two different doors

CONFLICT

MEDIUM IMPACT

Sheets

A8.01

A8.01 says

"MARK: 1001 · PHASE: NEW · LOCATION: DXY"

A8.01 says

"MARK: 1001 · SZE WDH :selected:: J'-0" 3-0 · SINGLE PWR: SINGLE"

Question to send

Which door is mark 1001, and what is the other door's mark?

Why it matters

Sheet A8.01 uses mark 1001 for an aluminum exterior entry pair and again for a hollow metal interior single door.

Item 59 · Exhaust fan interlock described two different ways

CONFLICT

MEDIUM IMPACT

Sheets

E1.01

E1.01 says

"CONTRACTOR TO PROVIDE EXHAUST FAN AND 20A/1P MOTOR RATED SWITCH TO BE INTERLOCKED WITH LIGHTING CONTROL CIRCUIT IN LOCAL AREA."

E1.01 says

"OPERATE CONTINUOUSLY WHEN AIR HANDLER/RTU IS ENERGIZED."

Question to send

What is the exhaust fan interlock: lighting control or air handler/RTU operation?

Why it matters

Sheet E1.01 interlocks the exhaust fan with the local lighting control circuit in one note and runs it with the air handler or RTU in another.

Item 60 · Panel ELD demand kVA does not match its demand amps

CONFLICT

MEDIUM IMPACT

Sheets E6.01

E6.01 says

"TOTAL DEMAND LOAD 23.8 KVA 93.8 AMPS"

Question to send

Which demand value is correct for panel ELD, so the feeder and breaker can be sized?

Why it matters

Sheet E6.01 prints total demand load of 23.8 kVA and 93.8 amps for the same panel. At 208Y/120V, 23.8 kVA is about 66 A.

Item 61 · Two gas pressure-drop design limits printed on one sheet

CONFLICT

MEDIUM IMPACT

Sheets P6.01

P6.01 says

"DESIGN BASED ON 2 PSI GAS AT 1 PSI LOSS PER"

P6.01 says

"DESIGN BASED ON <2 PSI GAS AT 3.0 IN. W.C. PER"

Question to send

Which gas pressure-drop limit governs the gas pipe sizing?

Why it matters

Sheet P6.01 prints a design basis of 1 psi loss per 100 ft in one note and 3.0 in. w.c. per 100 ft in another. Pipe sizes cannot be checked against both limits.

Item 62 · Two heating hot water expansion tank tags at one location

CONFLICT

MEDIUM IMPACT

Sheets M6.02

M6.02 says

"DIAPHRAGM EXPANSION TANK SCHEDULE: AT-1 · LOCATION: NORTH YARD · SERVICE: HEATING HOT WATER"

M6.02 says

"ET-1 NORTH YARD | HEATING HOT WATER 65 210 25"

Question to send

Is there one heating hot water expansion tank or two at the north yard, and what is the correct tag?

Why it matters

Sheet M6.02 shows AT-1 and ET-1 both at the north yard for heating hot water. It is unclear whether this is one tank with two tags or two tanks.

Item 63 · PAC-2 appears on two schedule rows with different capacities

CONFLICT

MEDIUM IMPACT

Sheets M6.01

M6.01 says

"SFB-2-1 PAC-2 870 0.25 - 37 0.33 ECM 42/85.73 870 435 870"

M6.01 says

"SFB-2-4 PAC-2 755 0.25 - 35 0.33 ECM 42/87.78 755 380 755"

Question to send

How many PAC-2 units are being bid, and what is the capacity of each?

Why it matters

Sheet M6.01 lists PAC-2 on two rows, SFB-2-1 and SFB-2-4, with different total capacities and power data.

Item 64 · Treatment tub installed by undefined P.O. with unclear plumbing scope

CONFLICT

MEDIUM IMPACT

Sheets

P0.00

P0.00 says

"FOR INSTALLATION BY THE P.O. P.O. SHALL BE RESPONSIBLE FOR PROVIDING THE FOLLOWING"

Question to send

Who is the P.O., and who provides the trap, supply and drain for the treatment tub?

Why it matters

Sheet P0.00 says a tenant-provided treatment tub is installed by the P.O., an abbreviation not defined in the set. It is not clear who provides the trap, supply and drain.

Item 65 · Controller minimum operating temperature printed two ways

CONFLICT

MEDIUM IMPACT

Sheets

M7.02

M7.02 says

"Operating: - 40' to 158 F (-40 to 70 C) and 5 to 95% Rh, non-condensing."

M7.02 says

"Controllers used outdoors and/or in wet ambient shall be mounted within NEMA 4 type waterproof enclosures, and shall be rated for operation at -45 to"

Question to send

What minimum operating temperature must the controllers be rated for?

Why it matters

Sheet M7.02 prints an operating minimum of -40 F in one line and -45 F in the outdoor-controller note. The enclosure or heater rating depends on which applies.

Item 66 · High discharge temperature: unit shuts down or keeps running

CONFLICT

MEDIUM IMPACT

Sheets

M7.01

M7.01 says

"and the unit shall shut down."

M7.01 says

"a high discharge temperature limit and shall keep the unit running"

Question to send

Should the unit shut down or keep running on a high discharge temperature condition?

Why it matters

Sheet M7.01 says the unit shall shut down on a high discharge temperature limit, while another sequence on the same

sheet says the unit keeps running at that condition.

Item 67 · Outdoor controller operating temperature limits differ

CONFLICT

MEDIUM IMPACT

Sheets M7.03

M7.03 says

"for operation at -47 to 158' F"

M7.03 says

"rated for operation af -40' F to 155"

Question to send

Which operating temperature range governs the outdoor NEMA 4 controllers?

Why it matters

Sheet M7.03 gives -47 to 158 F for one controller and -40 F to 155 F for NEMA 4 enclosed controllers. The governing rating is not stated.

Item 68 · Duct smoke detector wiring and fan shutdown not assigned to a trade

CONFLICT

MEDIUM IMPACT

Sheets M6.01, M0.00

M6.01 says

"RA SMOKE DETECTOR PROVIDED BY MECHANICAL CONTRACTOR."

M6.01 says

"SA SMOKE DETECTOR, HORIZONTAL"

M6.01 says

"SMOKE DETECTOR PROVIDED BY MECHANICAL CONTRACTOR."

Question to send

Who wires the duct smoke detectors, connects them to the fire alarm panel and shuts down the air handler?

Why it matters

Sheet M6.01 says the return air smoke detector is provided by mechanical and shows the supply air detector. It does not say who wires them, connects them to fire alarm or shuts the fan down.

Item 69 · Switchboard MSG interrupt rating printed as 65,000 and 85,000 AIC

CONFLICT

MEDIUM IMPACT

Sheets E6.01

E6.01 says

"FROM: SWITCHBOARD MSG INTERRUPT RATING: 65,000 AIC 76883"

E6.01 says

"T16 · INTERRUPT RATING: 85,000 AIC LOADS (IN VA): LIGHTING"

Question to send

What interrupt rating is required for switchboard MSG and its breakers?

Why it matters

Sheet E6.01 shows switchboard MSG interrupt rating as 65,000 AIC in one schedule and 85,000 AIC in another schedule fed from it.

Item 70 · CT cable length limit given as both 40 ft and 60 ft

CONFLICT

MEDIUM IMPACT

Sheets E4.01

E4.01 says

"MAX. CABLE LENGTH 40 FT."

E4.01 says

"STANDARD LENGTH 60 FT. [18M]"

Question to send

Which cable length limit governs the CT power and system cable runs?

Why it matters

Sheet E4.01 prints a 40 ft maximum cable length for the power cable and a 60 ft standard length for the CT usable cable. It is unclear whether both notes cover the same run.

Item 71 · AT-1 tag appears on expansion tank schedule and plumbing riser

CONFLICT

MEDIUM IMPACT

Sheets M6.02, P8.01

M6.02 says

"DIAPHRAGM EXPANSION TANK SCHEDULE: AT-1 · LOCATION: NORTH YARD · SERVICE: HEATING HOT WATER"

P8.01 says

"5 3" AT-1 2V"

Question to send

Is AT-1 an expansion tank furnished by mechanical or a plumbing riser item, and who supplies it?

Why it matters

Sheet M6.02 schedules AT-1 as an outdoor heating hot water expansion tank. Sheet P8.01 labels AT-1 on the plumbing riser with a vent size.

Item 72 · Horizontal load value blank on partition note

MISSING NUMBER

MEDIUM IMPACT

Sheets A5.00

A5.00 says

"BUT NOT LESS THAN HORIZONTAL LOAD OF SPSF."

Question to send

What minimum horizontal load in psf should the partitions be designed for?

Why it matters

Sheet A5.00 says partitions over 4 feet are designed for a horizontal load not less than a blank SPSF value.

Item 73 · Paving and grade refer to civil drawings not in the set

MISSING DOCUMENT

MEDIUM IMPACT

Sheets A3.01

A3.01 says

"EXISTING OR NEW PAVING OR FINISH GRADE, SEE CIVIL DRAWINGS, TYP."

Question to send

Can the civil drawings for paving and finish grade be provided?

Why it matters

Sheet A3.01 refers existing or new paving and finish grade to civil drawings. The sheet list contains no civil sheets.

Item 74 · Referenced general notes and specifications are not in set

MISSING DOCUMENT

MEDIUM IMPACT

Sheets

S2.0, S3.1

S2.0 says

"STEEL ROOF DECK, REF GENERAL NOTES"

S3.1 says

"REF SPECIFICATIONS CMU DOWELS SHALL BE PROVIDED AND INSTALLED BY THE CAST IN PLACE CONCRETE CONTRACTOR"

Question to send

Please provide the referenced general notes and CMU dowel specifications.

Why it matters

Sheet S2.0 refers the steel roof deck to general notes, and sheet S3.1 refers CMU dowels to specifications. Neither document is in this set, so deck gauge, fastening and dowel scope cannot be priced.

Item 75 · Fire extinguisher quantity and height left to inspector

MISSING NUMBER

MEDIUM IMPACT

Sheets

A0.05

A0.05 says

"FIRE EXTINGUISHERS"

A0.05 says

"REMARKS: FINAL MOUNTING HEIGHT & QUANTITY BY LOCAL FIRE INSP. - VERIFY WWW OWNER"

Question to send

What extinguisher quantity and mounting height should be bid, given the inspector has not yet set them?

Why it matters

Sheet A0.05 lists fire extinguishers with no quantity. The remark defers the final mounting height and quantity to the local fire inspector and owner verification.

Item 76 · Replacement louver size left to field verification

MISSING NUMBER

MEDIUM IMPACT

Sheets

M4.01, M1.02

M4.01 says

"INSTALL NEW LOUWER L-2 IN COSTING OPENING IN MASONRY WALL"

M1.02 says

"NEW EXHAUST AIR LOUWER MOUNTED IN EXISTING WALL OPENING, REFER TO"

Question to send

What are the sizes for louver L-2 and the new exhaust louver?

Why it matters

Sheet M4.01 says to install a new louver L-2 in the existing masonry opening. Sheet M1.02 says the new exhaust louver

is mounted in an existing wall opening, sized by reference.

Item 77 · Existing-conditions site visit report not included in drawing set

MISSING DOCUMENT

MEDIUM IMPACT

Sheets S1.0, S2.0, S4.0

S1.0 says

"BASED UPON A SITE VISIT PERFORMED BY [REDACTED] DATED FEBRUARY 09, 2022."

Question to send

Please provide the February 9, 2022 site visit report from [REDACTED].

Why it matters

Sheet S1.0 bases existing structural information on a site visit by [REDACTED] dated February 9, 2022.

That report is not part of this set, so the existing conditions cannot be checked.

Item 78 · Existing footing and slab sizes assumed, field verify before fabrication

MISSING NUMBER

MEDIUM IMPACT

Sheets S1.0

S1.0 says

"(ASSUMED; VIF) TYPICAL"

S1.0 says

"AS-BUILT CONDITION DIFFERS FROM WHAT IS DEPICTED ON THESE DOCUMENTS."

Question to send

Which existing footing and slab dimensions must be field verified before fabrication, and who prices any change?

Why it matters

Sheet S1.0 marks many existing footing and slab sizes as assumed and requires field verification. Differences found may change footing, dowel and excavation quantities.

Item 79 · Floor base left TBD at entry and exterior comfort area

MISSING NUMBER

MEDIUM IMPACT

Sheets A7.01

A7.01 says

"ENTRY VESTIBULE TBD"

A7.01 says

"TBD ALUM FENCE ALUM/TRELLIS"

Question to send

What floor base and exterior finish should be used at the entry vestibule and exterior comfort area?

Why it matters

Sheet A7.01 shows the entry vestibule floor base as TBD and the exterior comfort area finish as TBD aluminum fence or trellis.

Item 80 · Sink fixture details refer to a Midmark drawing not in set

MISSING DOCUMENT

MEDIUM IMPACT

Sheets P0.00

P0.00 says

"REFER TO MID-MARK DRAWING FOR FIXTURE"

Question to send

Please provide the Midmark fixture drawing or confirm the sink requirements.

Why it matters

Sheet P0.00 refers the surgeon's scrub sink and utility sink fixture requirements to a Midmark drawing. That drawing is not in this set, so rough-in and supplies cannot be fully priced.

Item 81 · Surgery warmer and double surgery light have no furnish assignment

MISSING NUMBER

MEDIUM IMPACT

Sheets E5.01

E5.01 says

"T2 · EQUIPMENT SCHEDULE TAG: 5-018 · EQUIPMENT DESCRIPTICH: DOUBLE SURGERY LIGHT · MODEL NUMBER: 25-024 · INSTALLED BY: CONTRACTOR · QUANTITY: 3"

E5.01 says

"T2 · EQUIPMENT SCHEDULE TAG: 5-012 · EQUIPMENT DESCRIPTICH: SURGERY WARE - HEATED · MODEL NUMBER: 100-3071-21 · INSTALLED BY: CONTRACTOR · QUANTITY: 3"

Question to send

Who furnishes the double surgery lights and heated surgery ware?

Why it matters

Sheet E5.01 lists the double surgery light (tag 5-018, quantity 3) and heated surgery ware (tag 5-012, quantity 3) as installed by contractor with the furnished-by entry blank.

Item 82 · Generator and transfer feeder wire sizes refer to an unidentified riser diagram

MISSING DOCUMENT

MEDIUM IMPACT

Sheets E4.01

E4.01 says

"J. FOR WIRE SIZES, REFER TO RISER DIAGRAM."

E4.01 says

"FOR WIRE SIZES, REFER TO RISER DIAGRAM."

Question to send

Please issue the riser diagram that sets the generator and transfer switch feeder wire sizes.

Why it matters

Sheet E4.01 twice says to refer to a riser diagram for wire sizes. No riser sheet is identified in the set, so the feeder conductor sizes are not shown.

Item 83 · Emergency lighting foot-candle level not printed

MISSING NUMBER

MEDIUM IMPACT

Sheets E0.00

E0.00 says

“PROVIDE EMERGENCY LIGHTING TO MEET THE REQUIRED FOOT CANDLE LEVEL PER LOCAL CODE.”

Question to send

What foot-candle level must the emergency lighting meet?

Why it matters

Sheet E0.00 says to provide emergency lighting to meet the required foot-candle level per local code, with no value printed.

Item 84 · Dishwasher model not named though contractor furnishes and installs it

MISSING NUMBER

MEDIUM IMPACT

Sheets

E5.01

E5.01 says

“MODEL NUMBER: [REDACTED] TO PROVIDE”

E5.01 says

“NOTES: [REDACTED] 10 SPECIFY”

Question to send

Please name the dishwasher model so its electrical and plumbing connections can be confirmed.

Why it matters

Sheet E5.01 gives the dishwasher model as to be provided and notes to specify it. The contractor furnishes and installs the under-counter unit.

Item 85 · Backflow device count and types left open pending AHJ review

MISSING NUMBER

MEDIUM IMPACT

Sheets

P6.01

P6.01 says

“CONTRACTOR TO VERIFY EXACT REQUIREMENTS OF ALL REQUIRED BACKFLOW DEVICES AND FIXTURES WITH AUTHORITIES HAVING JURISDICTION PRIOR TO BID”

Question to send

What backflow devices and counts does the AHJ require for this project?

Why it matters

Sheet P6.01 lists eight backflow devices but says the contractor must verify exact requirements with the authorities having jurisdiction before bid. The device count and types may change after bid.

Item 86 · Surgery exam light mounting height varies, deferred to structural

MISSING NUMBER

MEDIUM IMPACT

Sheets

A5.02

A5.02 says

“HEIGHT VARIES”

A5.02 says

“CONFIRM WITH STRUCTURAL PROJECT”

Question to send

What mounting height should the surgery exam lights be set at?

Why it matters

Sheet A5.02 says the surgery exam light height varies and to confirm with the structural project.

Item 87 · Curb supplier for packaged units left open

MISSING NUMBER

MEDIUM IMPACT

Sheets

A0.05

A0.05 says

"CURBS FOR PACKAGED UNITS move to supply by"

A0.05 says

"EXHAUST FAN CURBS · OWNER INSTALL FURNISH: :unselected: :unselected: · FURNISH: :unselected: · GENERAL LANDLORD CONTRACTOR INSTALL INSTALL FURNISH: :unselected: :selected: · CONSULTANT FURNISH: :selected:"

Question to send

Who supplies and installs the curbs for the packaged units?

Why it matters

Sheet A0.05 marks curbs for packaged units to move to a supplier, with the name cut off. The exhaust fan curb row has a consultant furnishing.

Item 88 · Many equipment rows have no model number on the schedule

MISSING NUMBER

MEDIUM IMPACT

Sheets

E5.01

E5.01 says

"MODEL NUMBER: [REDACTED] TO PROVIDE · FURNISHED BY: OWNER · INSTALLED BY: OWNER"

Question to send

Please provide model numbers and electrical data for the owner-furnished equipment.

Why it matters

Sheet E5.01 gives the model number as a placeholder on schedule rows that are furnished and installed by owner. Without model numbers, their loads, plugs and voltages cannot be confirmed.

Item 89 · Oxygen outlet type left open for owner confirmation

MISSING NUMBER

MEDIUM IMPACT

Sheets

P5.02

P5.02 says

"CONFIRM WITH OWNER THE FINAL TYPE OF OXYGEN OUTLETS"

P5.02 says

"BOTTLES BY OWNER"

Question to send

What is the final oxygen outlet type to be installed?

Why it matters

Sheet P5.02 says the final oxygen outlet type is to be confirmed with the owner, and also says oxygen bottles are supplied by the owner. The outlet type affects valve boxes and connection details.

Item 90 · Gas connection size blank for water heater GWH-2

MISSING NUMBER

MEDIUM IMPACT

Sheets

P6.01

P6.01 says

"WATER COMN.: 2 · ELECTRIC REQUIREMENTS: 110V/7.5 AMPS · MANUFACTURER/MODEL: RHEEM MODEL GHETOSS-250(A)"

P6.01 says

"GAS CONN.: 1/2"

Question to send

What is the gas connection size for water heater GWH-2?

Why it matters

Sheet P6.01 shows a 1/2 inch gas connection for GWH-1 but leaves the GWH-2 gas connection size blank, although both are 250 MBH heaters.

Item 91 · Controller program retention period has no number

MISSING NUMBER

MEDIUM IMPACT

Sheets

M7.03

M7.03 says

"code must be stored in non-volatile memory in order to maintain such information for months without"

Question to send

How many months must the controller retain its program and settings without power?

Why it matters

Sheet M7.03 says the controller must keep its program and settings in non-volatile memory for a number of months, but no number is printed.

Item 92 · Controller storage temperature in Celsius printed two ways

CONFLICT

LOW IMPACT

Sheets

M7.02

M7.02 says

"Storage: - 55° to 205 F (-48 to 95° C) and 5 to 95% Rh, non-condensing."

M7.02 says

"Storage: - 55° is 205 F (-45 to 95° C) and 5 to 95% Rh, non-condensing."

Question to send

What is the correct Celsius storage limit for the controllers?

Why it matters

Sheet M7.02 gives the storage range as -55 to 205 F with -48 C in one line and -45 C in another. The controller submittal may not match the printed limit.

Item 93 · Ductwork painting assigned to both mechanical and general trades

CONFLICT

LOW IMPACT

Sheets

M0.00, M1.03

M1.03 says

"COORDINATE WITH GENERAL TRADES CONTRACTOR FOR PAINTING OF DUCTWORK, WALL CAPS, PIPING AND FLASHING AS REQUIRED."

M0.00 says

"ANY PAINTING OF DUCTWORK SHALL BE VERIFIED"

Question to send

Which trade paints the ductwork and bare metal supports?

Why it matters

Sheet M0.00 says painting of ductwork and bare metal supports is to be verified. Sheet M1.03 says to coordinate with the general trades for painting of ductwork.

Item 94 · Hose reel location left to owner and plumbing**CONFLICT****LOW IMPACT**

Sheets

A5.02

A5.02 says

"MOUNT HOSE REEL TO WALL PER MFR INSTALLATION INSTRUCTIONS. SEE PLUMBING. COORDINATE LOCATION WITH OWNER."

Question to send

Where should the hose reel be located on the wall?

Why it matters

Sheet A5.02 says to mount the hose reel to the wall per manufacturer instructions, see plumbing, and coordinate location with the owner.

Item 95 · Demolition elevation note points to the building section sheet**CONFLICT****LOW IMPACT**

Sheets

A1.01, A2.01

A1.01 says

"SEE DEMOLITION ELEVATIONS ON SHEET A3.01"

A2.01 says

"DEMOLITION EXTERIOR ELEVATIONS"

Question to send

Should the reference on A1.01 point to sheet A2.01 for the demolition elevations?

Why it matters

Sheet A1.01 refers the demolition elevations to sheet A3.01. Sheet A2.01 is titled demolition exterior elevations.

Item 96 · Security alarm shows both owner and GC furnishing**CONFLICT****LOW IMPACT**

Sheets

A0.05

A0.05 says

"ITEM: SECURITY ALARM · OWNER INSTALL FURNISH: . :selected: · FURNISH: :unselected: · GENERAL LANDLORD CONTRACTOR INSTALL INSTALL FURNISH: :selected:"

A0.05 says

"REMARKS: LECTRICIAN TO PROVIDE POWER AS REQUIRED . JBOX & CONDUIT TO ABOVE CLG."

Question to send

Does the owner or the GC furnish the security alarm?

Why it matters

Sheet A0.05 shows the owner and the GC both selected on the furnish column for the security alarm. The remark has the electrician providing power and a junction box.

Item 97 · Wall and door signs assigned to both GC and vendor for install

CONFLICT

LOW IMPACT

Sheets

A0.05

A0.05 says

"ITEM: DECOR, WALL / DOOR MOUNTED SIGNS · FURNISH: :unselected: · GENERAL LANDLORD CONTRACTOR
INSTALL FURNISH INSTALL: :selected: :unselected: :selected:"

A0.05 says

"VENDOR INSTALL: :selected:"

Question to send

Does the GC or the vendor install the wall and door signs?

Why it matters

Sheet A0.05 selects both GC install and vendor install for decor wall and door mounted signs.

Item 98 · Two valve sizing rules on the same mechanical detail sheet

CONFLICT

LOW IMPACT

Sheets

M5.02

M5.02 says

"VALVES SHALL BE SAME SIZE AS PIPE."

M5.02 says

"ONE HALF MAIN PIPE SIZE"

Question to send

Which rule sets the size of the balancing and drain valves?

Why it matters

Sheet M5.02 says valves shall be the same size as the pipe. The same sheet also says one half main pipe size.

Item 99 · Sheet disclaims permitting use while approval is said to be obtained

CONFLICT

LOW IMPACT

Sheets

A8.01, A0.01

A8.01 says

"THIS DOCUMENT IS NOT FOR REGULATORY APPROVAL, PERMITTING,"

A0.01 says

"HAS FILED FOR AND OBTAINED APPROVAL OF THE BUILDING AND HEALTH DEPARTMENT"

Question to send

Is the drawing set issued for permit, and is the approval status confirmed?

Why it matters

Sheet A8.01 says the document is not for regulatory approval or permitting. Sheet A0.01 says the [REDACTED] has filed for and obtained health department approval.

Item 100 · Fire alarm pull station height differs between legend and table

CONFLICT

LOW IMPACT

Sheets E0.00

E0.00 says

"FIRE ALARM PULL STATION NOM. 42" A.F.F. PER ADA"

E0.00 says

"PULL STATIONS (TOP OF BOX) 48"

E0.00 says

"FIRE ALARM VISUAL STATION 80" A.F.F. PER ACA"

Question to send

What mounting height should the fire alarm pull stations be set at?

Why it matters

Sheet E0.00 gives the fire alarm pull station as nominal 42 inches AFF in the legend and 48 inches to top of box in the mounting table.

Item 101 · Tag TL-4 used for both a light fixture and a floor base finish

CONFLICT

LOW IMPACT

Sheets E5.01, A7.01

A7.01 says

"FLOOR BASE: TL-4 · FINISH: TL-1"

E5.01 says

"MANUFACTURER: WILLIAMS INDOOR · CATALOGUE NUMBER: 4OR-TL-4.50-835-DIM-UNV-LW-OF-"

Question to send

Please confirm the correct tag for the light fixture and for the floor base finish.

Why it matters

Sheet A7.01 gives floor base TL-4 at a room. Sheet E5.01 lists a Williams fixture whose catalogue number includes TL-4. These are different items sharing one tag.

Item 102 · PAC-2 supply air minimum is higher than its maximum

CONFLICT

LOW IMPACT

Sheets M6.01

M6.01 says

"SUPPLY AIR MIN: 5,000 · MAX: 3,215"

Question to send

What are the correct minimum and maximum supply airflow for PAC-2?

Why it matters

Sheet M6.01 prints PAC-2 supply air minimum of 5,000 and maximum of 3,215 for the same unit.

Item 103 · Boiler efficiency note conflicts with input and output values

CONFLICT

LOW IMPACT

Sheets

M6.02

M6.02 says

"96.5% GATEWAY, THERMAL FACTORY EFF."

M6.02 says

"NATURAL 650 624"

Question to send

What thermal efficiency rating must the boiler meet, 96.5% or 96.0%?

Why it matters

Sheet M6.02 notes a 96.5% thermal efficiency, but the schedule shows 624 MBH output over 650 MBH input, which is about 96.0%.

Item 104 · Electrical code edition differs between life-safety and electrical notes

MISSING NUMBER

LOW IMPACT

Sheets

A0.03, E0.01

A0.03 says

"ELECTRICAL: 2017 NATIONAL ELECTRICAL CODE"

E0.01 says

"WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE"

Question to send

Which edition of the National Electrical Code governs this project?

Why it matters

Sheet A0.03 cites the 2017 National Electrical Code. Sheet E0.01 cites the latest adopted edition of the National Electrical Code.

Item 105 · Accessibility standard edition cited two different ways

MISSING NUMBER

LOW IMPACT

Sheets

A0.03, A0.02

A0.03 says

"ACCESSIBILITY: 2010 STANDARD ADA"

A0.02 says

"ICC A117.1 (2009 ANSI)"

Question to send

Which accessibility standard edition governs the door, lavatory and toilet room requirements?

Why it matters

Sheet A0.03 cites the 2010 ADA Standards. Sheet A0.02 cites ICC A117.1 2009.

Item 106 · Accessibility sheet A3.5 cited by door notes is not in the set

MISSING DOCUMENT

LOW IMPACT

Sheets

A8.01

A8.01 says

"ALL DOORS CONFORM WITH ACCESS UTILITY REQUIREMENTS AS INDICATED ON SHEETS A3.5"

Question to send

Can sheet A3.5 be provided?

Why it matters

Sheet A8.01 says all doors conform with accessibility requirements as indicated on sheets A3.5. The set has A3.01 and A3.02 only.

Item 107 · Sprinkler design-build work has no sprinkler layout in the set

MISSING NUMBER

LOW IMPACT

Sheets

A0.01, FP0.00

A0.01 says

"FIRE SPRINKLER SYSTEM WORK AND FIRE ALARM SYSTEM WORK ARE DESIGN BUILD BY THE CONTRACTOR."

FP0.00 says

"COVERAGE PER SPRINKLER = 130 SQ. FT"

Question to send

Will the architect provide the sprinkler layout or define the design-build package so the fire protection scope can be priced?

Why it matters

Sheet A0.01 makes sprinkler and fire alarm work design-build by the contractor. Sheet FP0.00 gives 130 sq ft coverage per sprinkler, but no sprinkler layout or calculation sheet is in the set.

Item 108 · Building code edition differs between mechanical and architectural sheets

MISSING NUMBER

LOW IMPACT

Sheets

M0.00, A0.03

M0.00 says

"2015 INTERNATIONAL BUILDING CODE"

A0.03 says

"2012 ARKANSAS FIRE PREVENTION CODE VOLUME (AFPC)"

Question to send

Which code edition governs the fire-resistance and egress requirements?

Why it matters

Sheet M0.00 cites the 2015 International Building Code. Sheet A0.03 cites the 2012 Arkansas Fire Prevention Code.

Item 109 · Anodized finish for window and door frames is TBD

MISSING NUMBER

LOW IMPACT

Sheets

A2.02

A2.02 says

"NEW ANOCONED THO"

Question to send

What anodized finish and color should the new window and door frames be?

Why it matters

Sheet A2.02 shows the new anodized window and door frame finish as TBD.

Item 110 · Roof curb wind note cites 2001 Florida code, general notes cite 2015 IBC

MISSING NUMBER

LOW IMPACT

Sheets M5.01, M0.00

M5.01 says

"CODE PER 2001 FLORIDA"

M0.00 says

"2015 INTERNATIONAL BUILDING CODE"

Question to send

Which code edition sets the wind design for roof equipment and curbs?

Why it matters

Sheet M5.01 cites code per 2001 Florida for the roof curb and wind load. Sheet M0.00 cites the 2015 International Building Code.

Item 111 · Generator emergency pull station mounting height given two values

MISSING NUMBER

LOW IMPACT

Sheets E0.01, E2.01

E0.01 says

"MOUNTING HEIGHT SHALL ALSO BE PER LJHA (DES. ALLOW .: 5'-0" AFF)"

E2.01 says

"AT 5-6"

Question to send

What mounting height should the generator emergency pull station use?

Why it matters

Sheet E0.01 gives a 5 foot AFF mounting height for the generator shutdown station. Sheet E2.01 keyed note gives a different height at 5 to 6 inches.

Item 112 · Canadian CEC and CSA/ULC references in a US NEC project

MISSING NUMBER

LOW IMPACT

Sheets E4.01, E5.01

E4.01 says

"PER CEC"

E4.01 says

"SIZE THE JUMPER PER NEC."

E5.01 says

"ALL LIGHTING TO BE CSA/ULC APPROVED"

Question to send

Should the grounding and lighting be detailed and listed to NEC and UL requirements instead of CEC and CSA/ULC?

Why it matters

Sheet E4.01 cites PER CEC for grounding and says to size the jumper per NEC. Sheet E5.01 says all lighting is to be CSA/ULC approved.

Item 113 · Owner's water cooler needs a plumbed water supply not on plumbing sheets

MISSING NUMBER

HIGH IMPACT

Sheets

E5.01, P6.01

E5.01 says

"NOTES: PLUMBED WATER SUPPLY. [REDACTED] VENDOR"

E5.01 says

"FURNISHED BY: OWNER · INSTALLED BY: OWNER"

E5.01 says

"EQUIPMENT DESCRIPTICH: ELECTRIC WATER COOLER W/ BOTTLE FILLER - ADA"

Question to send

Who runs the plumbed water line to the water cooler, and where is the connection shown on plumbing?

Why it matters

Sheet E5.01 notes a plumbed water supply for the electric water cooler with bottle filler, which is furnished and installed by owner. Sheet P6.01 shows no water connection or valve for it.

Item 114 · Roof vent penetration assigned to plumbing but not shown on plumbing

MISSING NUMBER

HIGH IMPACT

Sheets

M2.01, P8.01

M2.01 says

"5. VENT-THRU ROOF BY PLUMBING CONTRACTOR."

Question to send

Please show the roof penetration and flashing for the plumbing vent on the plumbing sheets.

Why it matters

Sheet M2.01 assigns the vent through roof to the plumbing contractor. The plumbing sheets reviewed show vent risers without a roof penetration, flashing or termination detail.

Item 115 · Motor starters assigned to mechanical by a conditional note

CONFLICT

MEDIUM IMPACT

Sheets

E2.02, E2.11

E2.02 says

"TO PROVIDE HAND/OFF/AUTO STARTERS FOR ALL MOTORS WHEN NOT INDICATED AS TO BE PROVIDED BY THE MECHANICAL CONTRACTOR ON MECHANICAL PLANS."

Question to send

Who provides the hand/off/auto starters for the mechanical motors?

Why it matters

Sheet E2.02 says electrical provides hand/off/auto starters for all motors unless mechanical plans show the mechanical contractor providing them. The mechanical sheets do not show that assignment in the readable text.

4 Not in this read

0 items

This report analyzes the drawings provided. It is not a guarantee, warranty or insurance, and design decisions remain with the project's design professionals.