

Exposure Report

Restaurant

New York City

SheetRisk's first read of this set, Oct 28, 2026, 8:45 AM EDT.

COVER PAGE

193 potential change orders and RFIs found in SheetRisk's first read of 93 sheets (75 high, 89 medium and 29 low impact). The quotes are copied word for word from the drawings.

2 Project header

Project	Restaurant
Location	New York City
Sheets in index	93
Sheets read	93
Not in this read	Nothing
Report	Exposure Report · Oct 28, 2026, 8:45 AM EDT

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 restaurant project in New York City. 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

193 items

Item 1 · Grease duct: field-built carbon steel on M-100.00, or a listed factory-built stainless steel system on M-501.00

CONFLICT

HIGH IMPACT

Sheets M-100.00, M-501.00

M-100.00 says

"TYPE I GREASE GOOD EXHAUST DUCTWORK SHALL BE MINIMUM 12 GAUGE BLACK IRON WITH LIQUID TIGHT WELD."

M-501.00 says

"PROVIDE GREASE DUCT EQUAL TO CAPTIVEAIRE SYSTEMS MODEL 'DW'"

M-501.00 says

"STAINLESS STEEL DUCTWORK."

Question to send

Which grease duct system is bid, and who furnishes it?

Why it matters

Sheet M-100.00 calls for the grease duct in carbon steel; sheet M-501.00 calls for a listed factory-built system in stainless steel. The two are priced and furnished differently.

Item 2 · Tag KH-2 is used for two different items (hood 2 and hood 3)

CONFLICT

HIGH IMPACT

Sheets M-100.00, M-501.00, S-100.00, M-502.00

M-100.00 says

"HOOD#2 KH-2 (TYPE II)"

M-100.00 says

"HOOD#3 KH-2 (TYPE II)"

Question to send

Which item is KH-2, and what tag does the other one carry?

Why it matters

The set prints tag KH-2 on hood 2 and on hood 3 (sheets M-100.00, M-501.00, S-100.00, M-502.00).

Item 3 · BC-1 needs power, but the electrical sheets do not show it

CONFLICT

HIGH IMPACT

Sheets M-400.00, E300.00

M-400.00 says

"TAG: BC-1 · UNIT SERVICE: ALL ACU'S · MAX. CONNECTED CAPACITY (BTW/H): 384,000 · LOCATION: SEE PLANS · BRANCH CONNECTIONS PORTS: 8 · WPHASE/HZ: 208/1/60"

Question to send

Which circuit feeds BC-1, and is it in the electrical bid?

Why it matters

The schedule on M-400.00 lists BC-1 with electrical data, but BC-1 is not printed on the electrical sheets, while other units from the same schedule are: ACU-1-1 (E300.00, E-400.00); ACU-1-2 (E300.00, E-400.00); ACU-14 (E300.00,

E-400.00). Its circuit, breaker and disconnect are not shown.

Item 4 · Who furnishes the water heater: others (not in contract) on QF102A.00, the contractor on P000.00

CONFLICT

HIGH IMPACT

Sheets QF102A.00, P000.00, p.32, QF001, P006.00, P004.00

QF102A.00 says

"WATER FILTRATION SYSTEM, FOR ICE MACHINES ICE BIN FOR ICE MACHINES HOT WATER HEATER (NIC-BY OTHERS) SPARE NUMBER LOCKER STORAGE SHELVING DISH ROOM/MOP AREA SHELVING"

P000.00 says

"PROVIDE AN A O SMITH OR EQUIVALENT, GLASS LINED, ENERGY EFFICIENT, GAS FIRED WATER HEATER, WITH CAPACITY AS INDICATED IN THE PLANS."

Question to send

Who furnishes the water heater, and is it in the contractor's bid?

Why it matters

Sheet QF102A.00 has the water heater furnished by others (not in contract); sheet P000.00 has it furnished by the contractor.

Item 5 · Maximum occupant load totals 147 but calculated load is 135

CONFLICT

HIGH IMPACT

Sheets G031.00

G031.00 says

"MAXIMUM OCCUPANCY: FEMALE: 74 OCC. MALE: 73 OCC."

G031.00 says

"CALCULATED OCC: 135 · PLUMBING OCC: 135 · 50/50 SPLIT MALE FEMALE: 67 68"

Question to send

Which occupant load governs the fixture count and egress capacity?

Why it matters

G031.00 gives maximum occupancy of 74 female and 73 male, totaling 147, while the calculated and plumbing occupancy is 135.

Item 6 · Grease duct minimum slope given as 1/4 and 1/16 inch per foot

CONFLICT

HIGH IMPACT

Sheets M-100.00, M-501.00

M-100.00 says

"BE NO LESS THAN ONE-FOURTH UNIT VERTICAL IN 12"

M-501.00 says

"SLOPED 1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT."

M-501.00 says

"1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT."

Question to send

Which minimum slope applies to the grease duct?

Why it matters

M-100.00 requires no less than one-fourth unit vertical in 12, while M-501.00 allows 1/16 inch per 12 on horizontal runs over 75 feet.

Item 7 · Grease trap maximum distance from building front: 80 ft or 100 ft

CONFLICT

HIGH IMPACT

Sheets P002.00

P002.00 says

"SHALL NOT BE MORE THAN 80'-0" FROM FRONT OF BUILDING"

P002.00 says

"COORDINATE GREASE TRAP EXACT SHALL LOCATIONS NOT BE MORE THAN 100'-0" FROM FRONT OF BUILDING"

P002.00 says

"COORDINATE GREASE TRAP EXACT SHALL LOCATIONS NOT BE MORE IN FIELD THAN WITH 100'-0" FROM CONSTRUCTION FRONT OF BUILDING."

Question to send

What is the maximum allowed distance from the building front for the grease trap location?

Why it matters

Sheet P002.00 says the grease trap must be no more than 80'-0 from the front of the building, and another note on the same sheet gives 100'-0.

Item 8 · Gas shut-off interlocked with suppression system no trade carries

CONFLICT

HIGH IMPACT

Sheets P005.00, QF102A.00, P000.00

P005.00 says

"AUTOMATIC GAS SHUT OFF VALVE SHALL BE INTERLOCKED WITH ANSUL SYSTEM."

QF102A.00 says

"FIRE SUPPRESSION SYSTEM · col 6: NIC · MODEL: BY OTHERS"

P000.00 says

"FIRE SUPPRESSION: · col 3: FILED SEPARATELY BY OTHERS"

Question to send

Which trade furnishes and wires the gas valve interlock to the hood suppression system?

Why it matters

Sheet P005.00 requires the gas valve to interlock with the ANSUL system, while sheet QF102A.00 lists fire suppression as NIC and sheet P000.00 files it separately by others.

Item 9 · GB-2 grease trap size given as 100 lbs/50 GPM and 70 lbs/35 GPM

CONFLICT

HIGH IMPACT

Sheets P002.00

P002.00 says

"GREASE TRAP REQUIRED PER TABLE 1 = 100 LBS./50 GPM. REQUIRED, 127 LBS./50 GPM PROVIDED. THEREFORE, OK."

P002.00 says

"GREASE TRAP REQUIRED PER TABLE 1 = 70 LBS./35 GPM. REQUIRED, 130 LBS./35 GPM PROVIDED. THEREFORE, OK."

P002.00 says

"GREASE TRAP REQUIRED PER TABLE 1 = 70 LBS/35 0PM. REQUIRED, 130 LBS/35 0PM PROVIDED."

Question to send

Which grease trap capacity is required for GB-2, 100 lbs/50 GPM or 70 lbs/35 GPM?

Why it matters

Sheet P002.00 gives two required sizes for the GB-2 trap, 100 lbs at 50 GPM and 70 lbs at 35 GPM, each with its own provided size.

Item 10 · KH-2 hood listed as both Type I and Type II

CONFLICT

HIGH IMPACT

Sheets

M-100.00, M-501.00

M-100.00 says

"HOOD#3 KH-2 (TYPE I)"

M-501.00 says

"MAX COOKING TEMP: 700 DEG · TYPE: II · APPLIANCE DUTY: N/A"

Question to send

Is KH-2 a Type I or Type II hood?

Why it matters

M-100.00 tags hood 3 KH-2 as Type I, while M-501.00 lists KH-2 as Type II.

Item 11 · Water heater called gas-fired in note but electric on plan

CONFLICT

HIGH IMPACT

Sheets

P000.00, P004.00, E100.00

P000.00 says

"PROVIDE AN A, O, SMITH EQUIVALENT, GLASS-LINED, ENERGY EFFICIENT, GAS-FIRED"

P004.00 says

"ELECTRIC HOT WATER DETAIL ON SHEET P-007 FOR MORE INFORMATION"

P004.00 says

"TO ELECTRIC HOT WATER DETAIL ON SHEET P-007 FOR MORE INFORMATION"

Question to send

Is the water heater gas-fired or electric?

Why it matters

Sheet P000.00 calls for a gas-fired glass-lined water heater with a gas connection. Sheet P004.00 refers to an electric hot water detail on sheet P-007.

Item 12 · Water closets: four required per column but only one provided

CONFLICT

HIGH IMPACT

Sheets

G031.00

G031.00 says

"TOTAL REQUIRED 4 4 4 4"

G031.00 says

"MALE WC LAV: 1 1 · FEMALE WC LAV: 1 1"

Question to send

Are four water closets to be provided per column, and if so, where are the additional fixtures and rough-ins?

Why it matters

G031.00 prints total required fixtures of 4 in each column, while the male and female water closet counts are 1 each.

Item 13 · Proposed construction type: I-B on cover sheet versus ILA on code sheet

CONFLICT

HIGH IMPACT

Sheets

G000.00, G001.00

G000.00 says

"R-2 I-B-2-HOUR █████ RESIDENTIAL PROTECTED (APARTMENT HOUSES) (NON-COMBUSTIBLE)"

G001.00 says

"PROPOSED CONSTRUCTION CLASS (2014): ILA(PROTECTED NON-COMBUSTIBLE)"

Question to send

Which construction class governs the rated assemblies and fireproofing for this project?

Why it matters

G000.00 prints Type I-B with a 2-hour rating, while G001.00 prints the proposed construction class as ILA protected non-combustible.

Item 14 · Fire alarm is in GC bid scope and also filed separately by others

CONFLICT

HIGH IMPACT

Sheets

G000.00, M-516.00, FA-001.00

G000.00 says

"TO INCLUDE IN HIS BID ALL RELATED COSTS INCLUDING BUT NOT LIMITED TO; FIRE ALARM"

G000.00 says

"FILED SEPARATELY BY OTHERS"

M-516.00 says

"ALARM CONTRACTOR REQUIREMENT"

Question to send

Is fire alarm work carried in the GC bid or filed separately by others, and who prices its devices and wiring?

Why it matters

G000.00 puts fire alarm costs in the GC bid, while its permit block says fire alarm is filed separately by others; M-516.00 and FA-001.00 also state contractor responsibility.

Item 15 · Stainless chase wall assigned to both GC and owner vendor

CONFLICT

HIGH IMPACT

Sheets

A211.00

A211.00 says

"CHASE WALL TO BE STICK FRAMED AND CLAD FULLY IN STAINLESS STEEL. WALL BUILD AND CLADDING BY GC."

A211.00 says

"STAINLESS STEEL WALL FINISH @ HOOD SIDE OF WALL BY OWNER'S VENDOR."

Question to send

Who furnishes and installs the stainless steel cladding on the hood side of the chase wall?

Why it matters

Sheet A211.00 gives the GC the chase wall build and cladding, and gives the owner's vendor the stainless finish on the hood side of the same wall. The split of the stainless work is unclear.

Item 16 · 2-hour rated walls shown but partition schedule has no rating

CONFLICT

HIGH IMPACT

Sheets

A622.00, A701.00

A622.00 says

"2HR RATED (WOOD STRUCTURES ONLY)"

A701.00 says

"AS REQUIRED TO PROVIDE RATED PARTITIONS AS INDICATED."

Question to send

What hourly rating and assembly should the 2 hour rated walls on A622.00 have?

Why it matters

Sheet A622.00 calls out a 2 hour rated wall for wood structures only. Sheet A701.00 gives a rated partition note with no hourly rating in its partition types.

Item 17 · Two maximum hanger loads given for Option B

CONFLICT

HIGH IMPACT

Sheets

S-310.00

S-310.00 says

"MAX 1,000# PER HANGER OPTION B"

S-310.00 says

"OPTION MAX 400# 8" B DIA PER THREADED HANGER ROD"

Question to send

Which maximum hanger load governs Option B, 1,000 pounds or 400 pounds?

Why it matters

Sheet S-310.00 gives a maximum of 1,000 pounds per hanger for Option B. The same sheet gives a 400 pound maximum per threaded hanger rod for the same option.

Item 18 · PCU location: outdoor with heat tape versus indoor or enclosure by others

CONFLICT

HIGH IMPACT

Sheets

M-505.00, M-512.00

M-505.00 says

"IS MOUNTED OUTDOORS, HEAT TAPE MUST BE APPLIED TO ALL EXTERNAL PIPING FOR THE ESP SELF-CLEANING SYSTEM"

M-512.00 says

"FIRE SYSTEM TO BE INSTALLED INDOORS OR IN A WEATHERTIGHT ENCLOSURE MAINTAINED BETWEEN 32° AND 130° F. THIS ENCLOSURE IS PROVIDED BY OTHERS."

Question to send

Will the PCU be installed indoors or outdoors, and who provides any enclosure and heat tape?

Why it matters

Sheet M-505.00 says the PCU is mounted outdoors with heat tape on external piping. Sheet M-512.00 says it goes indoors or in a weathertight enclosure provided by others.

Item 19 · Hood shutdown wired to ANSUL, but hood package is a tank system

CONFLICT

HIGH IMPACT

Sheets

M-400.00, M-504.00

M-400.00 says

"THE HOOD CONTROL SYSTEM SHALL BE CONNECTED TO THE ANSUL SYSTEM FOR EMERGENCY SHUTDOWN."

M-504.00 says

"PRIMARY ACTUATOR KIT (PAK) - ACTUATOR AND RELEASE SOLENOID ASSEMBLY, PER FIRE SYSTEM, SUPERVISED, TANK FIRE SUPPRESSION."

M-400.00 says

"F) THE HOOD CONTROL SYSTEM SHALL BE CONNECTED TO THE ANSUL SYSTEM FOR EMERGENCY SHUTDOWN."

Question to send

Which fire suppression system is being installed, and who wires its shutdown to the hood control panel?

Why it matters

Sheet M-400.00 says the hood control system connects to an ANSUL system for shutdown. Sheet M-504.00 shows a pressurized tank fire suppression system with its own actuator and solenoid.

Item 20 · Pressure regulator marked not included but listed in components

CONFLICT

HIGH IMPACT

Sheets

M-517.00, M-518.00

M-517.00 says

"PRV NOT INCLUDED, UNLESS OUTSIDE DESIGN PRESSURE. MUST BE ADJUSTED BY THE SPRINKLER CONTRACTOR"

M-518.00 says

"K658U_(1.5) Pressure Regulator"

Question to send

Is the 1.5 inch pressure regulator included in the package, and who furnishes it?

Why it matters

Sheet M-517.00 says the PRV is not included unless outside design pressure. Sheet M-518.00 lists a 1.5 inch pressure regulator in its component list.

Item 21 · Seismic bracing scope: over 2.5 inch or all piping

CONFLICT

HIGH IMPACT

Sheets SP002.00, SP004.00, SP001.00

SP002.00 says

"PROVIDE SEISMIC FOR SPRINKLER PIPING IN EXCESS OF 2.5" DIAMETER."

SP004.00 says

"ALL SPRINKLER PIPING SHALL BE SEISMICALLY BRACED PER CODE"

SP001.00 says

"SPRINKLER BRANCH PIPING EXCEEDING 12" FROM UNDERSIDE OF STRUCTURE SHALL RECEIVE SEISMIC BRACING AS REQUIRED."

Question to send

Does seismic bracing apply to all sprinkler piping or only piping over 2.5 inch diameter?

Why it matters

Sheet SP002.00 requires seismic bracing only for sprinkler piping over 2.5 inch diameter. Sheet SP004.00 says all sprinkler piping must be seismically braced.

Item 22 · Sprinkler rerouting given to plumbing while suppression filed by others

CONFLICT

HIGH IMPACT

Sheets P002.00, P000.00

P002.00 says

"REROUTE SPRINKLER PIPE AND HEADS AS REQUIRED TO ACCOMMODATE NEW GREASE TRAP"

P000.00 says

"FIRE SUPPRESSION: FILED SEPARATELY BY OTHERS"

Question to send

Which trade reroutes the sprinkler pipe and heads, and who prices the hydraulic recalculation?

Why it matters

Sheet P002.00 has plumbing reroute sprinkler pipe and heads for the new grease trap, while sheet P000.00 files fire suppression separately by others.

Item 23 · Grease interceptor design left to two different parties

CONFLICT

HIGH IMPACT

Sheets QF001

QF001 says

"TRAP/INTERCEPTOR(S) AS DIRECTED BY THE AUTHORITIES HAVING JURISDICTION"

QF001 says

"GREASE TRAP/INTERCEPTOR(S) AS SPECIFIED BY THE PLUMBING ENGINEER"

QF001 says

"TRAP/INTERCEPTOR(S) AS DIRECTED BY THE AUTHORITIES HAVING"

Question to send

Who sets the grease interceptor size and model, the AHJ or the plumbing engineer?

Why it matters

Sheet QF001 leaves the trap or interceptor to the authorities having jurisdiction in one note and to the plumbing

engineer in another.

Item 24 · Restaurant hazard class: light or ordinary

CONFLICT **HIGH IMPACT**

Sheets SP000.00

SP000.00 says

"LIGHT HAZARD - ORDINARY: = 1071 8.F."

SP000.00 says

"ORDINARY HAZARD PIPE SCHEDULE"

SP000.00 says

"- LIGHT HAZARD - ORDINARY: =12"

Question to send

Which hazard classification should the sprinkler design and pipe schedule use?

Why it matters

Sheet SP000.00 lists the design criteria as light hazard, while its pipe schedule is titled ordinary hazard. Pipe sizes and head counts depend on which class governs.

Item 25 · Hood wash hot water connection not carried by plumbing

CONFLICT **HIGH IMPACT**

Sheets M-505.00, M-519.00, P001.00

M-505.00 says

"HOT WATER INLET 1" NPT CONNECTION FEMALE"

M-519.00 says

"IPS SUPPLY 140 DEGREES TO H.W, 170 F"

Question to send

Who will run and connect the hood wash hot water supply, including valve and backflow device?

Why it matters

Sheet M-505.00 lists a 1 inch NPT female hot water inlet, and sheet M-519.00 calls for 140 F hot water supply. Sheet P001.00 shows no hood wash connection, valve or drain.

Item 26 · Fire suppression relays and shunt trip split between GC, electrician and hood vendor

CONFLICT **HIGH IMPACT**

Sheets FA-100.00, M-519.00

FA-100.00 says

"GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL RELAYS AND CONTROL WIRING AS REQUIRED TO ACTIVATE ANSUL FIRE SUPPRESSION SYSTEM CONNECTED TO PCU-1"

M-519.00 says

"SHUNT THE TRIP BREAKER ACTUATED PROVIDED BY THE ELECTRICIAN, FIRE SUPPRESSION SYSTEM WILL SHUT OFF VIA A UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM"

M-519.00 says

"ACTUATED PROVIDED BY BY THE THE HOOD ELECTRICIAN"

Question to send

Who furnishes and installs the relays, control wiring, shunt trip and gas valve interface for the hood suppression system?

Why it matters

FA-100.00 assigns the GC and electrical contractor to furnish relays and control wiring for the Ansul system on PCU-1, while M-519.00 says the electrician provides the shunt trip breaker.

Item 27 · Item numbers 18 and 50 describe different equipment on two schedules

CONFLICT

HIGH IMPACT

Sheets

QF102A.00, QF103.00

QF102A.00 says

"T3 · ITEM NO.: 18 · QTY: 2 · ITEM DESCRIPTION: KNOCK BOX · col 6: NIC · MODEL: BY OWNER"

QF103.00 says

"T1 · ITEM NO.: 18 · QTY: 2 · ITEM DESCRIPTION: GLASS RINSER/DUMP SINK"

QF102A.00 says

"T3 · ITEM NO.: 50 · QTY: 1 · ITEM DESCRIPTION: WIRE SHELVING"

Question to send

Please confirm the correct item numbers for the knock box, glass rinser, wire shelving and cheesemelter.

Why it matters

Sheet QF102A.00 lists item 18 as a knock box and item 50 as wire shelving, while sheet QF103.00 lists item 18 as a glass rinser and item 50 as a gas cheesemelter.

Item 28 · Vent piping material given as hubless cast iron and galvanized

CONFLICT

HIGH IMPACT

Sheets

P000.00

P000.00 says

"SOIL WASTE AND VENT PIPING 10" AND SMALLER SHALL BE SERVICE WEIGHT, HUBLESS, CAST IRON PIPE AND FITTINGS WITH NEOPRENE GASKET"

P000.00 says

"9. ALL WASTE & VENT PIPING SHALL BE CAST IRON (NO-HUB) OR GALVANIZED STEEL WITH DRAINAGE FITTINGS AS PER NEW YORK STATE CODE."

P000.00 says

"SOIL WASTE AND VENT PIPING 10" AND SMALLER SHALL BE SERVICE WEIGHT, HUBLESS, CAST IRON PIPE"

Question to send

Which vent piping material and joint method should be bid, hubless or no-hub or galvanized?

Why it matters

Sheet P000.00 calls for service weight hubless cast iron soil, waste and vent piping 10 inch and smaller. The same sheet also says waste and vent piping shall be no-hub cast iron or galvanized steel.

Item 29 · Hood KH-1 printed at two different lengths

CONFLICT

HIGH IMPACT

Sheets M-501.00

M-501.00 says

"HOOD NO: 1 · TAG: KH-1 · MODEL: 5424 ND-2-PSP-F · MANUFACTURER: CAPTIVEAIRE · LENGTH: 13° 11^a"

M-501.00 says

"HOOD NO: 1 · TAG: KH-1 · POS: Front · LENGTH: 180" · WIDTH: 16**"

M-501.00 says

"LENGTH: 13° 11^a · MAX COOKING TEMP: 600"

Question to send

What is the correct length of hood KH-1?

Why it matters

Sheet M-501.00 shows hood KH-1 at 13 ft 11 in in the model entry and at 180 inches (15 ft) in the position entry.

Item 30 · Same grease trap carried under two tags, GB-2 and GT-1

CONFLICT

HIGH IMPACT

Sheets P002.00

P002.00 says

"NEW GREASE TRAP IS SCHIER GB-2 OR APPROVED EQUAL. GREASE TRAP REQUIRED PER TABLE 1 = 100 LBS./50 GPM."

P002.00 says

"GREASE TRAP #1 (GT-1) SIZING CALCULATION - PER TABLE 1:"

P002.00 says

"NEW GREASE TRAP IS SCHIER GB-2 OR APPROVED EQUAL."

Question to send

Is GB-2 and GT-1 one grease trap or two separate traps?

Why it matters

Sheet P002.00 names the new trap GB-2 and gives its sizing calculation under GT-1, so it is unclear whether one trap or two is required.

Item 31 · PCU water source named as hot water inlet and sprinkler line

CONFLICT

HIGH IMPACT

Sheets M-505.00, M-517.00

M-505.00 says

"HOT WATER INLET 1 NPT CONNECTION FEMALE"

M-517.00 says

"CONNECT CORE WATER LINE TO BUILDING WET SPRINKLER SYSTEM, STAINLESS STEEL, COPPER, STEEL PIPE ONLY"

Question to send

Which supply feeds the PCU core water, the hot water inlet or the building wet sprinkler system?

Why it matters

Sheet M-505.00 shows a hot water inlet for the PCU. Sheet M-517.00 says to connect the core water line to the building

wet sprinkler system.

Item 32 · Item 66 used for walk-in cooler and a spare number

CONFLICT **HIGH IMPACT**

Sheets QF102A.00

QF102A.00 says

"ITEM NO.: 66 · QTY: 1 · ITEM DESCRIPTION: SPARE NUMBER · col 6: CUSTOM · MODEL: SPARE NUMBER"

QF102A.00 says

"ITEM NO.: 66 · QTY: 1 · ITEM DESCRIPTION: WALK-IN COOLER · col 6: [REDACTED] · MODEL: FABRICATE · PHASE: 1"

QF102A.00 says

"ITEM NO.: 38 · QTY: 1 · ITEM DESCRIPTION: MEGA TOP SANDWICH / SALAD PREPARATION REFRIGERATOR · col 6: CONTINENTAL REFRIGERATOR · MODEL: SW72N30M-FB ."

Question to send

What item number should the walk-in cooler carry, and what is the spare number?

Why it matters

Sheet QF102A.00 lists item 66 as both a walk-in cooler and a spare number.

Item 33 · Item 30 numbers both a refrigerator and a work table

CONFLICT **HIGH IMPACT**

Sheets QF102A.00

QF102A.00 says

"ITEM NO.: 30 · QTY: 3 · ITEM DESCRIPTION: MEGA TOP SANDWICH / SALAD PREPARATION REFRIGERATOR · col 6: CONTINENTAL REFRIGERATOR · MODEL: SWBON24M-FB ."

QF102A.00 says

"ITEM NO.: 30 · QTY: 1 · ITEM DESCRIPTION: WORK TABLE, 48", STAINLESS STEEL TOP · col 6: JOHN BOOS · MODEL: ST8-30488SK MOD ."

QF102A.00 says

"ITEM NO.: 50 · QTY: 1 · ITEM DESCRIPTION: CHEESEMELTER, GAS"

Question to send

Which item number should the work table carry, and should the refrigerators keep item 30?

Why it matters

Sheet QF102A.00 uses item 30 for three sandwich-prep refrigerators and also for one stainless work table. One number is pointing at two different pieces of equipment.

Item 34 · Item 50 numbers both a gas cheesemelter and wire shelving

CONFLICT **HIGH IMPACT**

Sheets QF102A.00

QF102A.00 says

"ITEM NO.: 50 · QTY: 1 · ITEM DESCRIPTION: CHEESEMELTER, GAS · col 6: SOUTHBEND · MODEL: P38-CM"

QF102A.00 says

"ITEM NO.: 50 · QTY: 1 · ITEM DESCRIPTION: WIRE SHELVING · col 6: 1880 HOSPITALITY · REMARKS: 18X48 WITH WALL MOUNT BRACKETS."

QF102A.00 says

"ITEM DESCRIPTION: CHEESEMELTER, GAS"

Question to send

Please give the wire shelving its own item number so the cheesemelter gas connection stays in the plumbing scope.

Why it matters

Sheet QF102A.00 uses item 50 for a gas cheesemelter and also for wire shelving. The gas cheesemelter needs gas and exhaust connections that the shelving does not.

Item 35 · Ice maker cold water source named two ways, height unset

CONFLICT

HIGH IMPACT

Sheets

QF103.00

QF103.00 says

"PLUMBING REMARKS: P.C. TO INTERPIPE CW FROM ITEM 68A"

QF103.00 says

"PLUMBING REMARKS: P.C. TO INTERPIPE CW OUTLET TO ITEM 68"

QF103.00 says

"CW STUB (-AFF): VERIFY"

Question to send

Which item supplies the ice maker cold water, and what height is the cold water stub?

Why it matters

Sheet QF103.00 says the ice maker cold water comes from item 68A on one line and that item 88A feeds item 68 on another. The stub height is marked VERIFY.

Item 36 · PCU drain routing: individual grease interceptors vs common 2 1/2 inch drain

CONFLICT

HIGH IMPACT

Sheets

M-512.00

M-512.00 says

"NPT DRAIN SUPPLIED IN EACH MODULE BASE, CONNECT"

M-512.00 says

"INDIVIDUAL GREASE INTERCEPTOR. DRAINS TO A COMMON 2 1/2" DRAIN AND ROUTE"

Why it matters

One note routes each module drain to its own grease interceptor and another drains all modules to one common 2 1/2 inch drain. The interceptor count, piping and drain sizes differ, so the plumber and GC cannot price the drain run until the conflict is resolved.

Item 37 · Keynote 30 covers both signage circuit and RO outlet

CONFLICT

HIGH IMPACT

Sheets

A010.00

A010.00 says

"30 GC/ CIRCUIT ENGINEER IF POSSIBLE TO PROVIDE CIRCUIT/ELECTRICAL CONNECTION FROM EXTERIOR SIGNAGE ILLUMINATION. REUSE EXISTING"

A010.00 says

"GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL QUADRUPLUX OUTLET FOR REMVERSE OSMOSIS FILTRATION SYSTEM."

Question to send

Which scope does keynote 30 refer to, and will the signage circuit and RO outlet both be furnished and installed?

Why it matters

Sheet A010.00 uses keynote 30 for an exterior signage circuit and for a quadruplex outlet for the reverse osmosis system. The electrical scope for each is unclear.

Item 38 · Suppression shunt trip and relay wiring responsibility unclear

CONFLICT

HIGH IMPACT

Sheets

E-400.00, FA-100.00

E-400.00 says

"PANEL BOARDS REQUIRING SHUNT-TRIP (FIRE DETECTION)/ANSUL DISCHARGE"

FA-100.00 says

"GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL RELAYS AND CONTROL WIRING AS REQUIRED TO ACTIVATE ANSUL/FIRE SUPPRESSION SYSTEM CONNECTED TO PCU-1."

Question to send

Who furnishes the relays, control wiring and shunt trip for the Ansul suppression system?

Why it matters

Sheet E-400.00 calls for shunt trip breakers for the suppression discharge. Sheet FA-100.00 assigns relays and control wiring to both the GC and the electrical contractor.

Item 39 · Fire alarm sends AHU shutdown and damper closure with no mechanical interlock shown

CONFLICT

HIGH IMPACT

Sheets

FA-200.00

FA-200.00 says

"FIRE SAFETY CONTROL CFM AND LARGER SHUT DOWN ALL AIR HANDLING UNITS 2,000 SERVING THE FLOOR IN ALARM"

FA-200.00 says

"CLOSE ALL REQUIRED FIRE SMOKE DAMPERS"

Question to send

Who furnishes and wires the fire alarm interlock to the air handlers and smoke dampers?

Why it matters

FA-200.00 requires shutdown of all air handling units 2,000 CFM and larger serving the alarm floor and closing all fire smoke dampers, but the mechanical sheets reviewed do not show the interlock wiring or who furnishes it.

Item 40 · Existing panel voltage 200/120V differs from 120/208 service

CONFLICT

HIGH IMPACT

Sheets

E-400.00, M-515.00

E-400.00 says

"BRANCH CIRCUIT PANEL SCHEDULE (EXISTING) PANEL PPAC 200/120V, 3 PHASE, 4 WIRE"

E-400.00 says

"PANEL PPAC 200/120V, 3 PHASE, 4 WIRE 65.000 MIN A.I.C"

E-400.00 says

"200/120V, 3 PHASE, 4 WIRE 65.000 MIN A.I.C SYS No: 29"

Question to send

What is the actual existing panel voltage, and does it match the 120/208 building service?

Why it matters

Sheet E-400.00 prints the existing panel PPAC as 200/120V, 3 phase, 4 wire. The building service is printed as 120/208, so the voltages do not match.

Item 41 · Mechanical contractor assigned structural steel for equipment support**CONFLICT****HIGH IMPACT****Sheets**

M-001.00, S-100.00, S-310.00

M-001.00 says

"THE MECHANICAL CONTRACTOR SHALL FURNISH ANY STRUCTURAL STEEL REQUIRED TO SUPPORT MECHANICAL EQUIPMENT"

Question to send

Has the structural engineer designed the equipment supports, or does the mechanical contractor furnish the steel?

Why it matters

M-001.00 says the mechanical contractor furnishes any structural steel needed for mechanical equipment, while S-100.00, S-310.00 and S-311.00 should show whether supports are designed.

Item 42 · Suppression gas valve on plumbing legend, system by others**CONFLICT****HIGH IMPACT****Sheets**

QF201, QF102A.00

QF201 says

"FIRE SUPPRESSION GAS SHUT-OFF VALVE"

QF102A.00 says

"FIRE SUPPRESSION SYSTEM BY OTHERS"

Question to send

Which trade installs and connects the fire suppression gas shut-off valve?

Why it matters

Sheet QF201 shows a fire suppression gas shut-off valve in the plumbing legend. Sheet QF102A.00 lists the fire suppression system as by others with electrical values left as X.

Item 43 · KEF-1 shown as hung inline fan and as roof-curb fan**CONFLICT****HIGH IMPACT****Sheets**

M-507.00, QF001

M-507.00 says

"1 KEF-1 1 HANGING SQUARE INLINE SPRING FANS VIBRATION CHSA2000 ISOLATORS (SET OF 4), FOR INDOOR OR OUTDOOR USE"

QF001 says

"GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL FLASH-IN ALL ROOF CURBS FOR EXHAUST/MAKE-UP AIR FAN(S)."

Question to send

Is KEF-1 a hung inline fan or a roof-mounted fan on a curb?

Why it matters

Sheet M-507.00 shows KEF-1 as a hanging square inline spring fan. Sheet QF001 says the GC flashes in roof curbs for exhaust and makeup air fans.

Item 44 · ACU-1-6 is shown on E300.00 but has no row in the ACU schedule on M-400.00**MISSING NUMBER****HIGH IMPACT****Sheets**

E300.00, M-400.00, E-400.00

E300.00 says

"ACU-1-6 (1765)"

E-400.00 says

"ACU-1-8"

Question to send

Please add ACU-1-6 to the schedule with its data, or confirm it is not in the work.

Why it matters

Sheet E300.00 prints ACU-1-6; the ACU schedule on M-400.00 lists other ACU units but not this one, so its size, power and other data are not given.

Item 45 · Sheets A-400, A-500 and A-501 are referred to but not in the set**MISSING DOCUMENT****HIGH IMPACT****Sheets**

A701.00, A211.00

A701.00 says

"3/A-400"

A701.00 says

"2/A-500"

A211.00 says

"8/A-501"

Question to send

Please issue sheets A-400, A-500 and A-501, or say which sheet in the set carries that information.

Why it matters

A701.00, A211.00 refer to sheets A-400, A-500 and A-501 (3 references), but they are not in the drawing set. What they show is not in the bid documents.

Item 46 · Sheets P-100, P-101 and P-302 are referred to but not in the set**MISSING DOCUMENT****HIGH IMPACT****Sheets**

P006.00, P009.00

P006.00 says

"2^a 2^a 2^o 2 2^a 2 2^a 2 2^a 2^a 2^o 2^o Q" 2" FS FLOOR SINK. REFER TO P-100 FOR LOCATION NAE?"

P006.00 says

"V V V V V 2 GWB FLOOR DRAIN. REFER TO P-101 FOR FD V V V V V"

P009.00 says

"1/P-302"

Question to send

Please issue sheets P-100, P-101 and P-302, or say which sheet in the set carries that information.

Why it matters

P006.00, P009.00 refer to sheets P-100, P-101 and P-302 (5 references), but they are not in the drawing set. What they show is not in the bid documents.

Item 47 · Fire-rated enclosure around GT-2 has no hour rating printed

MISSING NUMBER

HIGH IMPACT

Sheets

P002.00

P002.00 says

"FURNISH AND INSTALL A A HOUR RATED ENCLOSURE AROUND GT-2 IN CEILING BELOW IN ORDER TO MAINTAIN FIRE SEPARATION"

P002.00 says

"FURNISH AND INSTALL A A HOUR RATED ENCLOSURE AROUND GT-2 IN CEILING"

Question to send

What fire-resistance rating is required for the enclosure around GT-2?

Why it matters

Sheet P002.00 calls for a rated enclosure around GT-2 in the ceiling, but the hour rating is garbled and blank in both notes.

Item 48 · Exhaust hood length and height left to owner

MISSING NUMBER

HIGH IMPACT

Sheets

QF102A.00, QF102B.00

QF102A.00 says

"OWNER TO DETERMINE EXACT LENGTH AND HEIGHT."

QF102A.00 says

"15-3" (INCLUDES 12" FIRE CABINET), ALL 8/9, WW FRONT PERFORATED SUPPLY PLENUM, 3' REAR STANDOFF"

QF102A.00 says

"ITEM NO.: 46 · QTY: 1 · ITEM DESCRIPTION: EXHAUST HOOD · col 6: NIC · MODEL: BY OTHERS"

Question to send

What are the final exhaust hood length and height?

Why it matters

Sheet QF102A.00 says the owner determines the exact hood length and height, while the hood is NIC by others and its size drives duct and wall work.

Item 49 · Walk-in exterior ramp conditional, by others, and not on plan

MISSING NUMBER

HIGH IMPACT

Sheets

QF102A.00

QF102A.00 says

"EXTERIOR RAMP BY OTHERS (IF REQUIRED)"

QF102A.00 says

"EXTERIOR COOLER RAMP (NIC-BY OTHERS) · col 6: CUSTOM · MODEL: CUSTOM · REMARKS: NOT SHOWN ON PLAN"

QF102A.00 says

"ITEM NO.: 68D · QTY: 1 · ITEM DESCRIPTION: EXTERIOR COOLER RAMP (NIC-BY OTHERS) · col 6: CUSTOM · MODEL: CUSTOM · REMARKS: NOT SHOWN"

Question to send

Is the exterior walk-in ramp required, and who designs and builds it?

Why it matters

Sheet QF102A.00 lists an exterior cooler ramp by others if required, marked not shown on plan, with no size or design.

Item 50 · 2-hour partition called out but partition types show no rating

MISSING NUMBER

HIGH IMPACT

Sheets

A712.00, A702.00

A712.00 says

"NEW 2 HOUR RATED PARTITION."

A702.00 says

"T1 · PARTITION TYPE: L1 · HOURLY RATING: - :unselected: · STC: - :unselected: · REMARKS: 6" ABOVE CEILING"

Question to send

What hourly rating and assembly should the new 2 hour rated partition be?

Why it matters

Sheet A712.00 calls for a new 2 hour rated partition. Sheet A702.00 shows partition type L1 with its hourly rating left blank.

Item 51 · Sprinkler drawings referenced but not in the set

MISSING DOCUMENT

HIGH IMPACT

Sheets

A712.00, G020.00

A712.00 says

"REFER TO SPRINKLER DRAWINGS."

G020.00 says

"SHALL BE RESPONSIBLE FOR SHUTTING DOWN AND DRAINING THE EXISTING SPRINKLER"

Question to send

Please provide the sprinkler drawings showing head locations and the scope for head relocation.

Why it matters

Sheet A712.00 refers to sprinkler drawings for head locations that affect the ceilings. Sheet G020.00 makes the contractor responsible for shutting down and draining the existing sprinkler, but no sprinkler sheet is in the set.

Item 52 · Service platform location and size left to field verification

MISSING NUMBER

HIGH IMPACT

Sheets

S-311.00

S-311.00 says

"FIELD VERIFY PLATFORM PLACEMENT AND SIZE WITH ARCH & MECH DWGS"

Question to send

What is the final platform location and size so the steel can be fabricated?

Why it matters

Sheet S-311.00 says to field verify the platform placement and size with the architectural and mechanical drawings. The platform is a steel fabrication and anchoring item.

Item 53 · Possible new utility meter cost left unpriced

MISSING NUMBER

HIGH IMPACT

Sheets

E-400.00

E-400.00 says

"ENSURE THAT 800A CON EDISON METER DEDICATED TO [REDACTED] SPACE, IS IN GOOD CONDITION AND PROPERLY WORKING. IF THIS IS NOT THE CASE, GENERAL CONTRACTOR"

E-400.00 says

"800A CON EDISON METER DEDICATED TO [REDACTED] SPACE, IS IN GOOD - CONDITION AND PROPERLY WORKING"

E-400.00 says

"IF THIS IS NOT THE CASE, GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR SHALL OBTAIN NEW METER FROM THE LOCAL UTILITY COMPANY."

Question to send

Who will pay for a new 800A utility meter if the existing meter is not working?

Why it matters

Sheet E-400.00 says the 800A meter must be in good working order, and if not, the GC and electrical contractor shall obtain a new meter from the utility. No owner or price is set for that cost.

Item 54 · Gas booster pump carried as \$75,000 allowance, spec still pending

MISSING NUMBER

HIGH IMPACT

Sheets

P004.00

P004.00 says

"GENERAL CONTRACTOR IN HIS BASE BID AND TO PLUMBING FURNISH AND CONTRACTOR INSTALL A SHALL GAS BOOSTER PROVIDE PUMP AN ALLOWANCE IN THE EVENT"

P004.00 says

"SPECIFICATION TO BE PROVIDED UPON RECEIPT OF GAS SERVICE RULING FROM UTILITY COMPANY"

P004.00 says

"GENERAL OF \$75,000 CONTRACTOR IN HIS BASE BID"

Question to send

What is the final gas booster pump specification and how does its cost compare with the \$75,000 allowance?

Why it matters

Sheet P004.00 sets a \$75,000 allowance for the gas booster pump and says its specification follows the utility gas ruling.

Item 55 · Kitchen suppression shunt trip has no carrying trade

MISSING NUMBER

HIGH IMPACT

Sheets E-400.00

E-400.00 says

"REQUIRING SHUNT-TRIP (FIRE DETECTION)/ANSUL"

E-400.00 says

"Tag: ANSUL · IRP Amp: 15 · C: D.79 · C: 7.24 · [Amp: 50 · MAIN CB AMP BUS LOAD: 342, 1#53 in 1-144?]"

Question to send

Who furnishes and installs the shunt trip for the kitchen suppression discharge?

Why it matters

Sheet E-400.00 requires a shunt trip tied to the suppression discharge, and its panel schedule shows an ANSUL tag. No fire suppression sheet shows the device or who furnishes it.

Item 56 · Griddle gas input blank on equipment schedule, 180 MBTUH on plumbing

MISSING NUMBER

HIGH IMPACT

Sheets QF102A.00, QF103.00, P005.00

QF102A.00 says

"GRIDOLE, GAS, COUNTERTOP · col 6: SOUTHBEND · MODEL: HOG-12"

QF103.00 says

"GRIDDLE, GAS, COUNTERTOP · MBTUH: 180.0"

QF103.00 says

"ITEM DESCRIPTION: GRIDDLE, GAS, COUNTERTOP · MBTUH: 180.0"

Question to send

What is the griddle gas input in MBTUH for pipe sizing?

Why it matters

Sheet QF102A.00 leaves the griddle MBTUH blank, while sheet QF103.00 prints 180.0 MBTUH for the griddle.

Item 57 · Grease line heat trace handed to electrical but not shown there

MISSING NUMBER

HIGH IMPACT

Sheets P006.00

P006.00 says

"PROVIDE HEAT TRACE AND INSULATION FOR GREASE LINE"

P006.00 says

"COORDINATE AS REQUIRED WITH ELECTRICAL"

Question to send

Who furnishes and connects the grease line heat trace, and where is its circuit shown?

Why it matters

Sheet P006.00 requires heat trace and insulation for the grease line and says to coordinate with electrical, but the electrical sheets show no heat trace circuit.

Item 58 · VRF indoor and outdoor units split between parties; start-up unassigned

MISSING NUMBER

HIGH IMPACT

Sheets M-400.00, M-001.00

M-400.00 says

"OUTDOOR HEAT RECOVERY CONDENSING UNIT SCHEDULE *FURNISHED BY LANDLORD*"

M-400.00 says

"INDOOR VRF FAN COIL UNIT SCHEDULE *FURNISHED BY TENANT*"

M-400.00 says

"INDOOR *FURNISHED BY TENANT* OUTDOOR HEAT RECOVERY CONDENSING UNIT SCHEDULE *FURNISHED BY LANDLORD*"

Question to send

Who will charge the refrigerant, start up, warranty and tie in controls for the VRF system?

Why it matters

Sheet M-400.00 has the indoor fan coils furnished by tenant and the outdoor condensing units furnished by landlord. Sheet M-001.00 says the contractor attends start-up but does not say who charges the system or ties in controls.

Item 59 · Pressure regulating valve excluded but sprinkler contractor must adjust

MISSING NUMBER

HIGH IMPACT

Sheets M-517.00

M-517.00 says

"PRESSURE REGULATOR VALVE (PRV) -PRV NOT INCLUDED, UNLESS OUTSIDE DESIGN PRESSURE. MUST BE ADJUSTED BY THE SPRINKLER CONTRACTOR"

Question to send

Who furnishes and installs the pressure regulating valve?

Why it matters

Sheet M-517.00 says the PRV is not included and must be adjusted by the sprinkler contractor. No sheet assigns the valve's furnishing or installation to a trade.

Item 60 · Hood wash manifold detergent connections depend on drawings not in set

MISSING DOCUMENT

HIGH IMPACT

Sheets M-519.00

M-519.00 says

"Consult the manifold drawings for more information"

Question to send

Please provide the manifold drawings or specify the detergent and extra water connections.

Why it matters

Sheet M-519.00 says to consult the manifold drawings for the extra inlet, outlet and detergent connections. Those drawings are not in this set and the plumbing sheets show no detergent line.

Item 61 · Hood, suppression and fans need an electrical trade assigned

MISSING NUMBER

HIGH IMPACT

Sheets QF102A.00, E100.00

QF102A.00 says

"ITEM NO.: 46 · QTY: 1 · ITEM DESCRIPTION: EXHAUST HOOD · col 6: NIC · MODEL: BY OTHERS · ELECTRICAL: X"

QF102A.00 says

"ITEM NO.: 48D · QTY: 1 · ITEM DESCRIPTION: FIRE SUPPRESSION SYSTEM · col 6: NIC · MODEL: BY OTHERS · ELECTRICAL: X"

QF102A.00 says

"FIRE SUPPRESSION SYSTEM · col 6: NIC · MODEL: BY OTHERS · ELECTRICAL: X · PHASE: X · col 10: X"

Question to send

Which trade will carry the hood, suppression and fan electrical connections, and where will they appear on the electrical sheets?

Why it matters

Sheet QF102A.00 marks the exhaust hood, fire suppression system and fans as NIC or by others with electrical marked X. Sheets E001.00 and E100.00 do not show these connections.

Item 62 · Grease drain connection stated as required, optional and recommended**MISSING NUMBER****HIGH IMPACT****Sheets**

M-508.00

M-508.00 says

"DRAIN MUST BE CONNECTED TO OPTIONAL GREASE BOX OR PIPED TO GREASE RESERVOIR (RECOMMENDED)."

Question to send

Is a grease box or grease reservoir included, and who furnishes it?

Why it matters

Sheet M-508.00 says the drain must be connected to an optional grease box or piped to a recommended grease reservoir. It does not say which one is in scope.

Item 63 · PCU platform required but not designed or assigned**MISSING NUMBER****HIGH IMPACT****Sheets**

M-512.00

M-512.00 says

"THE PLATFORM MUST BE THE SAME LENGTH AS THE PCU AND AT LEAST"

M-512.00 says

"MUST BE STRUCTURALLY SUPPORTED BY THE"

Question to send

Who designs, frames and furnishes the PCU platform, and what are its dimensions?

Why it matters

Sheet M-512.00 requires a platform the length of the PCU, at least 3 feet wide, structurally supported by the building. No sheet shows its size, framing or who provides it.

Item 64 · Main kitchen exhaust fan and makeup air unit missing from schedules

MISSING NUMBER

HIGH IMPACT

Sheets M-400.00, M-515.00

M-400.00 says

"THE EXHAUST FAN KEF-1"

M-400.00 says

"EXHAUST FAN SCHEDULE TAG: EF-C-1 · LOCATION: CELLAR · AREA SERVED: MAKEUP AIR"

M-400.00 says

"THE HOOD CONTROL PANEL SHALL ACTIVATE THE EXHAUST FAN KEF-1 AND THE MAKEUP AIR UNIT MAU-1"

Question to send

Please provide schedules for KEF-1 and MAU-1 with capacity, electrical data, weight and curb.

Why it matters

Sheet M-400.00 refers to exhaust fan KEF-1 and makeup air unit MAU-1, but its exhaust fan schedule lists only EF-C-1 and other tags. Sheet M-515.00 shows MUA-1 only in a switch note.

Item 65 · Water heater sizing handed to plumbing engineer with no value shown

MISSING NUMBER

HIGH IMPACT

Sheets QF001

QF001 says

"18. WATER HEATER(S) SHALL BE SIZED BY THE PLUMBING ENGINEER TO"

QF001 says

"BY THE PLUMBING ENGINEER 16. POTABLE WATER PRESSURE TO FOODSERVICE EQUIPMENT SHALL"

Question to send

What water heater capacity must the plumbing engineer size to?

Why it matters

Sheet QF001 says the water heater is sized by the plumbing engineer and gives no capacity in the foodservice set.

Item 66 · PCU drip pan marked as provided by others, unnamed

MISSING NUMBER

HIGH IMPACT

Sheets M-512.00

M-512.00 says

"PAN FOR PROTECTING FINISHED SPACE PROVIDED BY OTHERS"

Question to send

Which party furnishes and installs the PCU drip pan?

Why it matters

Sheet M-512.00 repeatedly says the drip pan for protecting finished space is provided by others. No sheet names who that is.

Item 67 · Hood fire suppression system has no stated furnishing or installing party

MISSING NUMBER

HIGH IMPACT

Sheets QF001

QF001 says

"THE EXHAUST HOODS AND EXHAUST DUCT SYSTEMS SHALL BE PROVIDED WITH AN AUTOMATIC FIRE EXTINGUISHING SYSTEM"

QF001 says

"FIRE SUPPRESSION GAS SHUT-OFF VALVE"

Question to send

Which trade furnishes, installs and connects the hood fire suppression system and its gas shut-off?

Why it matters

Sheet QF001 requires an automatic fire extinguishing system for exhaust hoods and mentions a suppression gas shut-off valve, but names no trade to furnish or install them.

Item 68 · Roof heat recovery unit weight given with no support assigned

MISSING NUMBER

HIGH IMPACT

Sheets

M-400.00, M-200.00

M-400.00 says

"WEIGHT (LBS): 1,305"

M-200.00 says

"HEAT RECOVERY UNIT ODU-1 ON ROOF. INSTALL AS PER MANUFACTURER'S INSTRUCTIONS."

Question to send

Who designs and furnishes the roof curb or support for ODU-1 at 1,305 lb?

Why it matters

Sheet M-400.00 gives the ODU-1 roof unit a weight of 1,305 lb. Sheet M-200.00 places it on the roof with only a note to install per manufacturer instructions.

Item 69 · Gas shut-off valve in fire alarm legend has no assigned furnishing party

MISSING NUMBER

HIGH IMPACT

Sheets

FA-100.00

FA-100.00 says

"GAS SHUT-OFF VALVE"

FA-100.00 says

"GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL RELAYS AND CONTROL WIRING AS REQUIRED TO ACTIVATE ANSUL/FIRE SUPPRESSION SYSTEM CONNECTED TO PCU-1."

Question to send

Who furnishes and installs the gas shut-off valve and its wiring to the suppression relay?

Why it matters

FA-100.00 shows a gas shut-off valve in its legend, and its note assigns relays and control wiring to GC and electrician but not the valve itself.

Item 70 · Grease trap enclosure called fire rated with no rating printed

MISSING NUMBER

HIGH IMPACT

Sheets

P009.00

P009.00 says

"TYPICAL GREASE TRAP FIRE RATED ENCLOSURE"

Question to send

What fire-resistance rating is required for the grease trap enclosure?

Why it matters

Sheet P009.00 calls the grease trap a typical fire rated enclosure but prints no hour rating on the detail.

Item 71 · Grease line heat trace power not clearly carried by any trade

MISSING NUMBER

HIGH IMPACT

Sheets

P001.00

P001.00 says

"PC/GC SHALL FURNISH AND INSTALL HEAT TRACE FOR ALL GREASE LINES FROM FIXTURES TO GREASE TRAP. 5 WATTS PER LINEAR FOOT."

Question to send

Which trade furnishes the electrical circuit and connection for the grease line heat trace?

Why it matters

Sheet P001.00 says PC/GC furnish and install heat trace for grease lines at 5 watts per linear foot. The electrical trade is only noted for coordination, so the power connection is not clearly carried.

Item 72 · Designed occupant load 136 vs 135 used for exit and fixture calcs

CONFLICT

MEDIUM IMPACT

Sheets

PA100.00

PA100.00 says

"T2 · USE OF SPACE: TOTAL DESIGNED OCCUPANT LOAD =136 OCC"

PA100.00 says

"IS 135. TOTAL EXIT CAPACITY IS 350."

Question to send

Is the designed occupant load 136 or 135?

Why it matters

Sheet PA100.00 prints the total designed occupant load as 136, but the exit and ADA calculations use 135 persons.

Item 73 · Egress exit capacity total 360 in table vs 350 in note

CONFLICT

MEDIUM IMPACT

Sheets

PA100.00

PA100.00 says

"T1 · USE GROUP: F-4 # OF PEOPLE PER UNIT WIDTH: TOTAL: · EXIT CAPACITY: 360"

PA100.00 says

"TOTAL EXIT CAPACITY IS 350."

Question to send

What is the total exit capacity, 350 or 360?

Why it matters

Sheet PA100.00 shows total exit capacity of 360 in the egress table but a note says 350, which equals Door A 200 plus Door B 150.

Item 74 · Grease duct access spacing given as 20 ft and 12 ft

CONFLICT

MEDIUM IMPACT

Sheets M-100.00, M-501.00

M-100.00 says

"PROVIDE GREASE CLEANOUTS AT EVERY CHANGE IN DIRECTION AND NOT SPACED MORE THAN 20 FEET APART IN HORIZONTAL SECTIONS OF DUCT."

M-501.00 says

"PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER."

Question to send

What maximum access door spacing applies to the grease duct?

Why it matters

M-100.00 allows grease cleanouts up to 20 feet apart in horizontal duct, while M-501.00 requires rated access doors every 12 feet.

Item 75 · PCU water supply pressure printed as 30 PSI and 20 PSI

CONFLICT

MEDIUM IMPACT

Sheets M-517.00

M-517.00 says

"PCU CORE PANEL WATER SUPPLY LINE 1 1/2" NPT 30 PSI 30 GPM"

M-517.00 says

"20 PSI MINIMUM AT PCU INLET, 1.5 GPM PER NOZZLE"

Question to send

What minimum water pressure must be supplied to the PCU, 20 PSI or 30 PSI?

Why it matters

Sheet M-517.00 gives the PCU core panel supply line at 30 PSI and 30 GPM. The same sheet calls for a 20 PSI minimum at the PCU inlet.

Item 76 · WB-8 blocking start height is 60 or 80 inch

CONFLICT

MEDIUM IMPACT

Sheets QF401, QF001

QF401 says

"WB-8 60" AFF TO 78""

QF401 says

"col 1: WB-8 · WALL BLOCKING NOTES (DIVISION 6): 80" AFF TO 78""

QF401 says

"WB-8 60" AFF TO 78" AFF"

Question to send

What is the bottom height of WB-8 blocking, 60 inch or 80 inch AFF?

Why it matters

Sheet QF401 shows WB-8 blocking from 60 inch AFF to 78 inch in the blocking table, but the wall blocking note starts it at 80 inch AFF. Sheet QF001 also shows the 80 inch figure.

Item 77 · ACU-1-2 airflow printed as 1480 CFM and 1765 CFM

CONFLICT

MEDIUM IMPACT

Sheets E300.00, M-100.00, M-400.00

E300.00 says

"ACU-1-2 (1480)"

M-100.00 says

"A A A ACU-1-2 (1,765) A"

M-400.00 says

"SUPPLY (CFM): 1,765 · MAX. ESP (N. WC): 0.67"

Question to send

What is the correct airflow for ACU-1-2?

Why it matters

Sheet E300.00 shows ACU-1-2 at 1480 CFM, while sheet M-100.00 shows ACU-1-2 at 1,765 CFM. Duct balancing and the unit sizing depend on the airflow.

Item 78 · Makeup air unit tagged two ways, MAU-1 and MUA-1

CONFLICT

MEDIUM IMPACT

Sheets M-400.00, M-515.00, P005.00

M-400.00 says

"THE MAKEUP AIR UNIT MAU-1 AUTOMATICALLY VIA HEAT SENSOR"

M-515.00 says

"FAN TAG: MUA-1 · TYPE: SUPPLY · col 10: 3"

Question to send

Please confirm one tag for the makeup air unit and correct all sheets to match.

Why it matters

Sheet M-400.00 calls the makeup air unit MAU-1 and sheet M-515.00 calls it MUA-1. Sheet P005.00 also shows MUAF-1 in its tag list.

Item 79 · Fire alarm wiring: EMT on one sheet, rigid conduit on another

CONFLICT

MEDIUM IMPACT

Sheets FA-001.00, FA-100.00

FA-001.00 says

"ALL FIRE ALARM WIRING SHALL BE EMT"

FA-100.00 says

"ALL FIRE ALARM WIRING SHALL BE RUN IN RIGID CONDUIT."

Question to send

Should fire alarm wiring be run in EMT or in rigid conduit?

Why it matters

Sheet FA-001.00 says all fire alarm wiring shall be EMT. Sheet FA-100.00 says all fire alarm wiring shall run in rigid conduit.

Item 80 · Food prep sink table numbered 56 on one schedule and 55 on other

CONFLICT

MEDIUM IMPACT

Sheets QF102A.00, QF103.00

QF102A.00 says

"ITEM NO.: 56 · QTY: 1 · ITEM DESCRIPTION: FOOD PREP BINK WORK TABLE"

QF103.00 says

"ITEM NO.: 55 · QTY: 1 · ITEM DESCRIPTION: FOOD PREP SINK WORK TABLE"

QF102A.00 says

"ITEM DESCRIPTION: FOOD PREP BINK WORK TABLE"

Question to send

Which item number should the food prep sink work table use on both schedules?

Why it matters

Sheet QF102A.00 lists the food prep sink work table as item 56, while sheet QF103.00 lists it as item 55. The faucet and waste rows are tagged differently on each sheet.

Item 81 · VRF indoor unit listed at 200 V, branch controller at 208 V

CONFLICT

MEDIUM IMPACT

Sheets M-400.00

M-400.00 says

"ELECTRICAL DATA VOLTAGE: 200 · PHASE: 1 · FLA (AMPS): 0.2"

M-400.00 says

"WPHASE/HZ: 208/1/60 · FLA: 0.00 · MOP: 15"

Question to send

Which voltage is correct for the indoor VRF units, 200 V or 208 V?

Why it matters

Sheet M-400.00 prints the indoor fan coil voltage as 200 V single phase. The same sheet shows the branch controller at 208/1/60.

Item 82 · Exhaust hood rear standoff given two different values

CONFLICT

MEDIUM IMPACT

Sheets QF102A.00, QF102B.00

QF102A.00 says

"FRONT PERFORATED SUPPLY PLENUM, 3' REAR STANDOFF, LIGHTS, FILTERS, GREASE CUP, & ENCLOSURE PANELS"

QF102B.00 says

"1" LEFT STANDOFF, 3" REAR STANDOFF, LIGHTS, FILTERS, GREASE"

Question to send

Which rear standoff governs the exhaust hood, 3 feet or 3 inches?

Why it matters

Sheet QF102A.00 gives the hood rear standoff as 3 feet, while sheet QF102B.00 gives it as 3 inches. The wall clearance and backing depend on which value is correct.

Item 83 · Seating capacity 135 on plan but 88 in occupancy table

CONFLICT

MEDIUM IMPACT

Sheets G031.00

G031.00 says

"135 MAXIMUM SEATING CAPACITY"

G031.00 says

"MAXIMUM SEATING CAPACITY · col 6: 88"

Question to send

Which seating capacity is the owner's design count?

Why it matters

G031.00 states a maximum seating capacity of 135 on the plan, while the occupancy table prints 88 for the same item.

Item 84 · Tile tag WT3 used for two different wall tiles

CONFLICT

MEDIUM IMPACT

Sheets A011.00

A011.00 says

"3" X 6", ARCTIC WHITE #0190. RUNNING BOND"

A011.00 says

"SEMI-GLOSS, 3" X 6", ARCTIC WHITE #0190. LONG EDGED"

Question to send

Which tile is tag WT3, and should the other product get its own tag?

Why it matters

Sheet A011.00 gives tag WT3 as running bond wall tile in one line and as long-edged bullnose in another, both 3 by 6 inch Arctic White. The tile quantities and product cannot be ordered until the tag is corrected.

Item 85 · Flood test directed by two different parties

CONFLICT

MEDIUM IMPACT

Sheets A210.00, A211.00

A210.00 says

"GENERAL CONTRACTOR SHALL FLOOD TEST AS REQUIRED DIRECTED BY █████ CONSTRUCTION MANAGER."

A211.00 says

"GC TO FLOOD TEST PER LANDLORD REQUIREMENT."

Question to send

Who directs the flood test, and which test requirements apply?

Why it matters

Sheet A210.00 ties the flood test to the █████ construction manager, while sheet A211.00 ties it to the landlord requirement. The test scope and witnessing may differ.

Item 86 · Ceiling height given as 9 feet and 8 feet

CONFLICT

MEDIUM IMPACT

Sheets A311.00

A311.00 says

"ALL NEW SUSPENDED ACOUSTICAL CEILING TILE SHALL BE AT 9'-0" A.F.F. (U.O.N.)"

A311.00 says

"ACT 8'-0"

Question to send

What is the finished ACT ceiling height, 9 feet or 8 feet?

Why it matters

Sheet A311.00 says new acoustical ceiling tile is at 9 feet 0 inches AFF unless otherwise noted, and also shows an ACT callout at 8 feet 0 inches. Wall and soffit quantities depend on which height applies.

Item 87 · Gypsum ceiling access panels: tape-in or stealth windlock

CONFLICT

MEDIUM IMPACT

Sheets

A311.00

A311.00 says

"ALL ACCESS PANELS IN GWB CEILINGS TO BE TAPE-IN."

A311.00 says

"SHALL PROVIDE UNIT PRICE FOR ADDITIONAL WINDLOCK STEALTH ACCESS PANELS AS REQUIRED"

Question to send

Should gypsum ceiling access panels all be tape-in, or are windlock stealth panels required in some locations?

Why it matters

Sheet A311.00 says all access panels in gypsum ceilings are tape-in, and also asks for a unit price for additional windlock stealth panels. Panel type, finish and count are unclear.

Item 88 · Standing area occupant count does not match area and density

CONFLICT

MEDIUM IMPACT

Sheets

PA100.00

PA100.00 says

"T2 · USE OF SPACE: STANDING "83" · AREA (SF): 18 SF · SFIOCC: 4 8F · TOTAL OCC.: 30 OCC"

Question to send

What is the correct occupant count for the standing area?

Why it matters

Sheet PA100.00 gives standing area 18 SF at 4 SF per occupant, which is 4 to 5 occupants, but the total is printed as 30 occupants.

Item 89 · Lavatory calc uses 147 occupants vs 135 or 136 elsewhere

CONFLICT

MEDIUM IMPACT

Sheets

PA100.00

PA100.00 says

"T3 · TYPE OF FIXTURE: LAVATORIES A-2 · REQUIRED: OCCUPANTS 1 PER 200 147 OCCUPANTS THEREFORE 1 REQ'D"

PA100.00 says

"TOTAL DESIGNED OCCUPANT LOAD =136 OCC"

Question to send

Which occupant load should the lavatory fixture count use?

Why it matters

Sheet PA100.00 calculates the lavatory count on 147 occupants, while the same sheet prints a total designed occupant load of 136.

Item 90 · All door frames painted but stainless frames listed

CONFLICT

MEDIUM IMPACT

Sheets A711.00

A711.00 says

"ALL DOOR FRAMES TO BE PAINTED (SEMI-GLOSS FINISH)"

A711.00 says

"STAINLESS STEEL FRAME"

Question to send

Should the stainless steel door frames be painted or left unpainted?

Why it matters

Sheet A711.00 says all door frames are to be painted in semi-gloss, and also lists a stainless steel frame type. Stainless frames are normally left unpainted.

Item 91 · Seating counts do not add up to total occupancy

CONFLICT

MEDIUM IMPACT

Sheets S-001.00

S-001.00 says

"INTERIOR MAX SEATING CAPACITY: 76"

S-001.00 says

"PATIO SEATING CAPACITY: 12"

S-001.00 says

"TOTAL OCCUPANCY: 135"

Question to send

What makes up the difference between the seating counts and the 135 total occupancy?

Why it matters

Sheet S-001.00 lists 76 interior seats and 12 patio seats, which total 88, while total occupancy is printed as 135. The sheet does not show what makes up the other occupants.

Item 92 · Emergency lights both tied and not tied to controls

CONFLICT

MEDIUM IMPACT

Sheets E001.00, E200.00

E200.00 says

"NOT BE TIED TO ANY LIGHTING CONTROL SYSTEM OR SWITCHES"

E200.00 says

"ALL SWITCHABLE EMERGENCY LIGHTS (MARKED "EM") SHALL BE CONTROLLED BY ASTRONOMIC TIME CLOCK OVERRIDE LIGHTING SWITCHES"

E200.00 says

"ALL SWITCHABLE EMERGENCY LIGHTS (MARKED "EM") SHALL BE CONTROLLED BY ASTRONOMIC TIME"

Question to send

Should the EM emergency lights be controlled by a time clock and override switch, or kept off all lighting controls?

Why it matters

Sheet E200.00 says emergency lights must not be tied to lighting control, and also says switchable EM lights are controlled by a time clock and override switches. Sheet E001.00 also addresses emergency lighting.

Item 93 · Seismic bracing 12 inch trigger measured from two points

CONFLICT

MEDIUM IMPACT

Sheets

SP001.00

SP001.00 says

"SPRINKLER BRANCH PIPING EXCEEDING 12" FROM UNDERSIDE OF STRUCTURE SHALL RECEIVE SEISMIC BRACING"

SP001.00 says

"ANY MAIN MORE THAN 12" BELOW SLAB MUST BE SEISMICALLY BRACED AS PER CODE."

Question to send

Should the 12 inch seismic bracing trigger be measured from the underside of structure or from the slab for mains?

Why it matters

Sheet SP001.00 measures the 12 inch seismic bracing trigger from the underside of structure for branch piping and from the slab for mains. The bracing count depends on which reference governs.

Item 94 · Grease trap pump-out port named with two Schier models

CONFLICT

MEDIUM IMPACT

Sheets

P001.00

P001.00 says

"SCHIER MODEL PP1"

P001.00 says

"PROPOSED LOCATION OF REMOTE TRAP PUMP OUT PORT SCHIER MODEL GB-2."

Question to send

Which Schier model is the remote grease trap pump-out port?

Why it matters

Sheet P001.00 calls the remote trap pump-out port Schier model PP1 in one note and Schier model GB-2 in another.

Item 95 · Existing building height given as [REDACTED] and [REDACTED] stories

CONFLICT

MEDIUM IMPACT

Sheets

SP000.00

SP000.00 says

"EXISTING [REDACTED] STORY BLDG."

SP000.00 says

"EXISTING [REDACTED] STORY BUILDING TO BE OUT WITH THE OUT-OF-SERVICE"

SP000.00 says

"EXISTING [REDACTED] STORY BUILDING"

Question to send

How many stories is the existing building, [REDACTED] or [REDACTED]?

Why it matters

Sheet SP000.00 gives the existing building as [REDACTED] stories in one note, and as [REDACTED] stories in two other notes. The story count affects sprinkler scope and fire watch duration.

Item 96 · Lowest pipe insulation mean rating temperature differs

CONFLICT

MEDIUM IMPACT

Sheets

EN001.00

EN001.00 says

"FLUID OPERATING TEMPERATURE RANGE AND USAGE (F): ? 40 · INSULATION CONDUCTIVITY CONDUCTIVITY: 0.20-0.26 · MEAN RATING TEMPERATURE: 50"

EN001.00 says

"FLUID OPERATING TEMPERATURE RANGE AND USAGE (F): < 40 · INSULATION CONDUCTIVITY CONDUCTIVITY BTU · IN.NH - FT2 -: 0.20 - 0.26 · MEAN RATING"

Question to send

What is the mean rating temperature for the 40 F and below insulation band?

Why it matters

Sheet EN001.00 gives the 40 F and below insulation band a mean rating temperature of 50 F in one table and 75 F in another. The insulation product and price per foot depend on this value.

Item 97 · Item 18 tag used for both glass rinser and knock box

CONFLICT

MEDIUM IMPACT

Sheets

QF102A.00, QF103.00

QF102A.00 says

"ITEM DESCRIPTION: KNOCK BOX"

QF103.00 says

"ITEM DESCRIPTION: GLASS RINSER/DUMP SINK"

QF102A.00 says

"ITEM NO.: 18 · QTY: 2 · ITEM DESCRIPTION: GLASS RINSER/DUMP SINK · col 6: NIC · MODEL: BY OWNER · PLUMBING: X"

Question to send

Which unit is item 18, the glass rinser or the knock box, and what new tag does the other one get?

Why it matters

Sheet QF102A.00 uses item 18 for a knock box, while sheet QF103.00 uses item 18 for a glass rinser and dump sink with plumbing connections. The plumbing connections may land on the wrong unit.

Item 98 · Mop sink drain size is 2 inch or 3-1/2 inch

CONFLICT

MEDIUM IMPACT

Sheets

QF103.00

QF103.00 says

"DW: 2" · PLUMBING REMARKS: 3-1/2" DRAIN OPENING"

Question to send

Which drain size must the plumber extend to the mop sink, 2 inch or 3-1/2 inch?

Why it matters

Sheet QF103.00 gives the mop sink drain connection as 2 inch and separately gives a 3-1/2 inch drain opening. The trap and floor penetration depend on which size governs.

Item 99 · Mop sink cubic inches do not match its 24 x 24 x 12 dimensions

CONFLICT

MEDIUM IMPACT

Sheets

P002.00

P002.00 says

"CUBIC INCHES (C.J.): 6,912 CL"

P002.00 says

"CUBIC INCHES (C.L.): 8,912 C.I."

P002.00 says

"CUBIC INCHES (C.J.): 6,912 CL · No. OF FIXTURES: 1 · TOTAL C.I.: 8,912 C.I."

Question to send

What is the correct mop sink volume, and does the grease trap sizing change with it?

Why it matters

Sheet P002.00 prints the mop sink as 24 x 24 x 12 inches, which is 6,912 cubic inches, but the sizing table shows 8,912.

Item 100 · Owner-supplied dishwasher still assigned plumbing and electrical hookups

CONFLICT

MEDIUM IMPACT

Sheets

QF103.00

QF103.00 says

"ITEM NO.: 81 · QTY: 1 · ITEM DESCRIPTION: DISHWASHER, POT/PAN/UTENSIL, DOOR TYPE (NIC-BY OWNER)"

QF103.00 says

"E.C. TO VERIFY CONNECTION HEIGHT AND UTILITY REQUIREMEN"

Question to send

Who furnishes and makes the final connections for the dishwasher, the owner or the contractor?

Why it matters

Sheet QF103.00 lists the dishwasher as NIC by owner. The same sheet tells the electrician to verify connection height and utility requirements.

Item 101 · Grease trap mounting: recessed in floor or hung from slab

CONFLICT

MEDIUM IMPACT

Sheets A210.00, P002.00

A210.00 says

"NEW GREASE TRAP RECESSED IN FLOOR AND HUNG FROM CEILING IN SPACE/FLOOR BELOW."

P002.00 says

"PROVIDE SUPPORT FOR GREASE TRAP SUSPENDED FROM SLAB ABOVE. REFER TO DETAIL 13/P009 FOR TYPICAL SUPPORT DETAILS."

Question to send

How is the grease trap supported, recessed in the floor or suspended from the slab above?

Why it matters

Sheet A210.00 says the grease trap is recessed in the floor and hung from the ceiling below. Sheet P002.00 says it is suspended from the slab above.

Item 102 · Bread oven connection: receptacle or cord cap on whip

CONFLICT

MEDIUM IMPACT

Sheets QF103.00, QF102B.00

QF103.00 says

"VOLTS: 208 · PH: 3 · AMPS: 27.5 · KW: 9.9 · CONN.: DR · NEMA: 15-50P"

QF103.00 says

"E.C. TO INSTALL THE CORD CAP ON WHIP"

QF102B.00 says

"PBF5.0 DR 5-20R"

Question to send

Which device and plug should the electrician install for the bread oven?

Why it matters

Sheet QF103.00 gives the bread oven a duplex receptacle with a 15-50P plug, while its remark says the electrician installs a cord cap on a whip. Sheet QF102B.00 shows a different 5-20R device.

Item 103 · Pipe insulation 3/4 inch on plumbing sheet, 1 inch minimum on energy sheet

CONFLICT

MEDIUM IMPACT

Sheets P000.00, EN001.00

P000.00 says

"INSULATE ALL HOT AND COLD WATER PIPING WITH 3/4" THICK OWEN'S CORNING"

EN001.00 says

"REQUIRED IN FOOTNOTE B) BUT NOT TO A THICKNESS LESS THAN 1 INCH."

Question to send

What insulation thickness applies to the hot and cold water piping, 3/4 inch or 1 inch?

Why it matters

Sheet P000.00 calls for 3/4 inch thick insulation on hot and cold water piping. Sheet EN001.00 says a 1 inch minimum thickness applies to some piping.

Item 104 · CASlink monitoring connection type and provider not assigned

CONFLICT

MEDIUM IMPACT

Sheets M-507.00, M-515.00

M-507.00 says

"CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED"

M-515.00 says

"Field Connection to Router."

Question to send

Who provides the internet or cellular connection for CASlink, and is it a network drop or a cellular module?

Why it matters

Sheet M-507.00 says CASlink requires an internet or cellular connection. Sheet M-515.00 shows only a field connection to a router.

Item 105 · Louver net free area minimum given as 3.5 and 3.0 sq ft

CONFLICT

MEDIUM IMPACT

Sheets M-100.00

M-100.00 says

"NEW MIN. 18" DEEP INTAKE AIR PLENUM CONNECTION TO EXISTING LOUVER, MIN. 3.5 SQ.FT. NET FREE AREA OPENING"

M-100.00 says

"EXISTING NET FREE LOUVER, AREA OPENING MIN. 3.0 SQ.FT."

Question to send

What minimum net free area is required for the existing louver?

Why it matters

M-100.00 requires a minimum 3.5 sq ft net free area for the new intake connection, while the existing louver note gives 3.0 sq ft.

Item 106 · Hood exhaust 3130 CFM against 2500 CFM makeup air

CONFLICT

MEDIUM IMPACT

Sheets M-501.00

M-501.00 says

"TOTAL EXH CFM: 3130"

M-501.00 says

"TOTAL SUPPLY CFM: 2500"

Question to send

What makeup air quantity and unit are intended to balance the 3130 CFM exhaust?

Why it matters

Sheet M-501.00 prints total exhaust of 3130 CFM and total supply of 2500 CFM for the kitchen hood system. The difference is not shown as supplied by a scheduled unit.

Item 107 · Balancing assigned to mechanical contractor and to base building contractor

CONFLICT

MEDIUM IMPACT

Sheets M-100.00

M-100.00 says

"MECHANICAL CONTRACTOR TO BALANCE SCOPE OF WORK TO NEW AIR QUANTITIES UPON PROJECT COMPLETION."

M-100.00 says

"BALANCING TO BE PERFORMED BY BASE BUILDING APPROVED CONTRACTOR."

Question to send

Who performs and pays for balancing of the new air quantities?

Why it matters

M-100.00 assigns balancing to the mechanical contractor to new air quantities, and the same sheet assigns balancing to the base building approved contractor.

Item 108 · Emergency lighting circuit given two different panel numbers

CONFLICT

MEDIUM IMPACT

Sheets E200.00

E200.00 says

"EXIT SIGNS [MARKED "EM"] AND BUG-EYE EMERGENCY LIGHTS (CIRCUIT PPM#61)"

E200.00 says

"EXIT/ EMERGENCY CIRCUIT PPM #22"

Question to send

Which panel circuit feeds the exit signs and bug-eye emergency lights, PPM 22 or PPM 61?

Why it matters

Sheet E200.00 assigns the exit signs and bug-eye emergency lights to circuit PPM 61, and also gives the exit and emergency circuit as PPM 22. The breaker for these lights cannot be identified.

Item 109 · Circuits 27 and 29 on panel PPAC used for two loads

CONFLICT

MEDIUM IMPACT

Sheets E300.00

E300.00 says

"PPAC # 19,21 PPAC # 27,29"

E300.00 says

"DISCONNECT SWITCH (3,130) 1 PPAC # 27,29"

E300.00 says

"PPAC # 27,29"

Question to send

Which loads are fed from PPAC circuits 27 and 29, and should the circuit numbers be corrected?

Why it matters

Sheet E300.00 assigns PPAC circuits 27 and 29 to a disconnect and to several other mechanical loads on the same plan. The panel schedule and feeders cannot both be correct.

Item 110 · Booster power supply location: new mechanical room or IT closet 003

CONFLICT

MEDIUM IMPACT

Sheets FA-100.00

FA-100.00 says

"RELOCATE/REWIRE EXISTING FIRE ALARM BOOSTER POWER SUPPLY TO NEW MECHANICAL ROOM."

FA-100.00 says

"COORDINATE EXACT LOCATION OF BOOSTER POWER SUPPLY WITHIN IT CLOSET 003 WITH ALL TRADES."

Question to send

Which location is the booster power supply to be installed in?

Why it matters

FA-100.00 says to relocate the booster power supply to a new mechanical room, and a second keynote says to coordinate its exact location within IT closet 003.

Item 111 · Moveable seating occupant count of 12 does not match 107 SF at 10 SF

CONFLICT

MEDIUM IMPACT

Sheets G031.00

G031.00 says

"AREA "M1" 107 SF/10 12 OCCUPANTS"

G031.00 says

"MOVEABLE SEATING 107SF @ 10 SF/OCC · col 3: 12"

Question to send

What is the basis for 12 moveable seating occupants instead of 11?

Why it matters

G031.00 gives 107 SF at 10 SF per occupant, which works out to 11, but both the plan and table print 12 occupants.

Item 112 · Toe-kick tile assigned to GC in one note and to QC in matrix

CONFLICT

MEDIUM IMPACT

Sheets G010.00

G010.00 says

"TILE AT TOE KICK BY GC. SEE DETAILS FMI."

G010.00 says

"COMMENTS: TILE AT TOE KICK BY QC. SEE DETAILS FMI."

Question to send

Who furnishes and installs the toe-kick tile, the GC or QC?

Why it matters

G010.00 has one note saying toe-kick tile is by GC and a comment saying it is by QC, both referring to the same details.

Item 113 · Wall-mounted water closet clearance given as 56 and 66 inches

CONFLICT

MEDIUM IMPACT

Sheets G011.00

G011.00 says

"56" MIN. WALL MOUNTED W.C."

G011.00 says

"66" MIN. WALL MOUNTED W.C."

Question to send

Which minimum clearance governs the wall-mounted water closet layout?

Why it matters

G011.00 prints both 56 inches minimum and 66 inches minimum for the wall-mounted water closet clearance.

Item 114 · Restroom signage assigned to others but detailed on architectural sheet

CONFLICT

MEDIUM IMPACT

Sheets

PA001.00, A711.00

PA001.00 says

"SIGNAGE SEPARATELY BY OTHERS"

A711.00 says

"RESTROOM BRAILLE SIGNS"

Question to send

Who furnishes and installs the braille restroom signs shown on A711.00?

Why it matters

Sheet PA001.00 says signage is separately by others, while sheet A711.00 details braille restroom signs.

Item 115 · Cementitious board thickness printed as 12 inch and 1/2 inch

CONFLICT

MEDIUM IMPACT

Sheets

A623.00

A623.00 says

"12" THICK CEMENTITIOUS BOARD"

A623.00 says

"1/2" THICK CEMENTITIOUS BOARD, FLUSH"

Question to send

What is the correct thickness of the cementitious backer board?

Why it matters

Sheet A623.00 prints 12 inch thick cementitious board in one note and 1/2 inch thick flush board in another. The board quantity and wall build-out depend on which is correct.

Item 116 · Grab bar heights on restroom plan unclear

CONFLICT

MEDIUM IMPACT

Sheets

A601.00

A601.00 says

"GRAB 17-19"

A601.00 says

"33-36 BAR"

Question to send

Which grab bars mount at 17 to 19 inches and which at 33 to 36 inches?

Why it matters

Sheet A601.00 prints two grab bar heights, 17 to 19 and 33 to 36, without a clear key showing which bar uses which height. Blocking and mounting heights depend on the answer.

Item 117 · Damper fire alarm interfaces called for but not carried by fire alarm scope

CONFLICT

MEDIUM IMPACT

Sheets

M-001.00, FA-100.00

M-001.00 says

"PROVIDE UL LISTED FIRE OR FIRE/SMOKE DAMPERS"

M-001.00 says

"PANELS, POWER & FIRE ALARM INTERFACES."

Question to send

Who furnishes and wires the damper-to-fire alarm interface?

Why it matters

M-001.00 calls for UL listed fire and fire/smoke dampers with fire alarm interfaces, while FA-100.00 does not show who wires the damper connection.

Item 118 · CO2 detector mounting height given as 12 and 18 inches

CONFLICT

MEDIUM IMPACT

Sheets

E100.00

E100.00 says

"SENSOR TO PROVIDE AT 12" AFF POWER NEXT FOR TO POWER CO2 DETECTOR"

E100.00 says

"AT 18" AFF. MOUNT"

Question to send

What mounting height is required for the CO2 detector and its power source?

Why it matters

Sheet E100.00 gives 12 inches AFF for the CO2 sensor and power source, and then 18 inches AFF for mounting in the same note block. The box height and blocking depend on the correct value.

Item 119 · Two fault current values for the same branch circuit

CONFLICT

MEDIUM IMPACT

Sheets

E-400.00

E-400.00 says

"Isca x M = fault current at terminal of the panel L- L = · Copper in Metal Raceway: 12,919"

E-400.00 says

"Isca x M = fault current at terminal of the panel L- L = · Copper in Metal Raceway: 14,168"

Question to send

Which fault current value is correct for the panel, and what interrupting rating is required?

Why it matters

Sheet E-400.00 gives two fault current values for the same panel line to line fault, 12,919 and 14,168 in metal raceway.

The interrupting rating cannot be confirmed.

Item 120 · Grease interceptor tag and model differ between plan and schedule

CONFLICT

MEDIUM IMPACT

Sheets P001.00, P002.00, P006.00

P001.00 says

"PROPOSED LOCATION OF REMOTE TRAP PUMP OUT PORT SCHIER MODEL GB-2."

P002.00 says

"ZURN GT-2701-35"

P006.00 says

"CALCULATIONS GREASE TRAP #1."

Question to send

Which grease interceptor tag and model should be bid?

Why it matters

Sheet P001.00 names the pump-out port with model GB-2. Sheet P002.00 names the interceptor ZURN GT-2701-35, and sheet P006.00 refers to grease trap 1.

Item 121 · Hanging support for kitchen equipment assigned to GC and mechanical

CONFLICT

MEDIUM IMPACT

Sheets QF001, M-502.00

QF001 says

"GENERAL CONTRACTOR AND/OR SUBDIVISIONS SHALL PROVIDE TRAPEZE HANGING SUPPORT FROM BUILDING STRUCTURE"

M-502.00 says

"HANGING ANGLE MUST BE SUPPORTED WITH 1/2 - 13 TPI (MINIMUM) ANCHORS"

Question to send

Who furnishes and installs the structural support and anchors for the hood hanging angles?

Why it matters

Sheet QF001 gives trapeze hanging support from structure to the GC, while sheet M-502.00 requires hanging angles anchored with 1/2-13 TPI anchors that no sheet assigns.

Item 122 · Grease duct clearance: 18 inches to combustibles versus 3 inch air gap

CONFLICT

MEDIUM IMPACT

Sheets M-100.00, M-300.00

M-100.00 says

"ALL GREASE DUCT AND EXHAUST EQUIPMENT SHALL HAVE A CLEARANCE TO COMBUSTIBLE CONSTRUCTION OF NOT LESS THAN 18 INCHES"

M-300.00 says

"RATED SHAFT WALL 2 3" MINIMUM AIR GAP 3 DUCT 4 1st LAYER FIREMASTER DUCT WRAP"

Question to send

Which clearance governs the grease duct at the shaft and chase?

Why it matters

M-100.00 requires 18 inches clearance to combustible construction, while M-300.00 shows a 3 inch minimum air gap at

the rated shaft wall.

Item 123 · SG-1 supply register airflow shown as 585 and 440 CFM

CONFLICT

MEDIUM IMPACT

Sheets M-100.00

M-100.00 says

“SG-1 (585)”

M-100.00 says

“SG-1 (440)”

Question to send

What is the airflow for SG-1 so the branch can be sized and balanced?

Why it matters

M-100.00 tags SG-1 with 585 and also with 440 on the same plan.

Item 124 · Pollution control unit printed with two different model numbers

CONFLICT

MEDIUM IMPACT

Sheets M-512.00

M-512.00 says

“PCU-HE-ESP-CC-CPFS-4”

M-512.00 says

“01 - PCU-HE-ESP-DC-OFFS-4 - POLLUTION CONTROL UNIT WITH”

Question to send

Which PCU model number is correct for ordering?

Why it matters

Sheet M-512.00 gives the PCU tag as PCU-HE-ESP-CC-CPFS-4 and also as PCU-HE-ESP-DC-OFFS-4 in its equipment callout.

Item 125 · Panel PPM subtotals do not add to printed total

CONFLICT

MEDIUM IMPACT

Sheets E-400.00

E-400.00 says

“LOAD: Sub-Total · MOUNTING: SURFACE SECTION #1 KWOPHASE A: 5.3 · col 6: 5 · C: 3.9 · MAIN LUGS ONLY KWWPHASE A: 4.3”

E-400.00 says

“LOAD: Sub-Total · Tag: :unselected: · MOUNTING: SURFACE SECTION #2 KWIPHASE A: 3.8 · B: 3.2 · C: 3.6 · MAIN LUGS ONLY KWWPHAS A:”

E-400.00 says

“MOUNTING: SURFACE SECTION #1 KWOPHASE A: Total · col 6: 9.62 · col 8: 11.3 · MAIN LUGS ONLY KWWPHASE A: 8.42”

Question to send

What is the correct main lugs only load total for panel PPM?

Why it matters

Sheet E-400.00 gives two section subtotals in the main lugs only column that add to 7.1 kW. The total row prints 8.42

kW.

Item 126 · Circuit 9 repeated on three rows of panel PPM

CONFLICT

MEDIUM IMPACT

Sheets E-400.00

E-400.00 says

"SYS CKT No: 9 · LOAD: Caffea Cihabar · Tag: a"

E-400.00 says

"SYS CKT No: 9 · LOAD: LVC Fridge · Tag: 5"

E-400.00 says

"SYS CKT No: 9 · LOAD: Ext Siprape · TRP Amp: 20"

Question to send

Please confirm the correct circuit numbers for the loads on panel PPM.

Why it matters

Sheet E-400.00 assigns circuit 9 to three different loads on panel PPM, including a coffee load, a fridge and an exterior sign. The breaker for each load cannot be identified.

Item 127 · Surfactant injection point printed as 1/4 inch and 1/2 inch

CONFLICT

MEDIUM IMPACT

Sheets M-518.00

M-518.00 says

"1/4" Surfactant Injection Point"

M-518.00 says

"Surfactant £ 1/2" Injection Point and Check Valve"

Question to send

What is the size of the surfactant injection point and check valve?

Why it matters

Sheet M-518.00 shows a 1/4 inch surfactant injection point in one place and a 1/2 inch injection point and check valve in another.

Item 128 · Detector bases: independent support required versus supported by ceiling grid

CONFLICT

MEDIUM IMPACT

Sheets FA-200.00

FA-200.00 says

"NOT BASE HOLD MUST THE BE DETECTORS SUPPORTED AGAINST INDEPENDENTLY THE CEILING"

FA-200.00 says

"CLIPS TO SUSPENDED CEILING TILE. SUPPORT IS PROVIDED BY CEILING GRID"

Question to send

Should detector bases be supported independently of the ceiling or by the ceiling grid?

Why it matters

FA-200.00 says detectors must be supported independently of the ceiling, and its drop-ceiling detail says the detector clips to tile and is supported by the grid.

Item 129 · Connection height measured from floor, not curb, in one note only

CONFLICT

MEDIUM IMPACT

Sheets QF001

QF001 says

"ARE SHOWN FROM FINISHED FLOOR (NOT FINISHED CURB) TO CENTER"

QF001 says

"TO FINISHED SURFACE OF RAISED CURB AND/OR FLOOR RECESS"

Question to send

Should connection heights be measured from finished floor or from the finished curb surface?

Why it matters

Sheet QF001 measures connection heights from finished floor excluding the finished curb, but another note measures to the finished surface of raised curbs and floor recesses.

Item 130 · Fire-retardant plywood backing on non-combustible walls

CONFLICT

MEDIUM IMPACT

Sheets QF401

QF401 says

"GENERAL CONTRACTOR AND/OR SUBDIVISIONS TO PROVIDE 3/4" FIRE RETARDANT PLYWOOD WALL BACKING"

QF401 says

"NON-COMBUSTIBLE WALL CONSTRUCTION"

Question to send

Should the equipment wall backing be fire-retardant plywood or another material on these walls?

Why it matters

Sheet QF401 calls for three-quarter inch fire-retardant plywood wall backing for equipment. The same sheet's legend shows non-combustible wall construction.

Item 131 · Hot water supply temperature printed as 140 and 170 degrees

CONFLICT

MEDIUM IMPACT

Sheets M-519.00

M-519.00 says

"IPS SUPPLY 140 DEGREES TO H.W, 170 F"

Question to send

Is the hot water supply temperature 140 F or 170 F?

Why it matters

Sheet M-519.00 prints the hot water supply as 140 degrees on one line and 170 F on the same line. It is unclear which governs the water heater and mixing valve.

Item 132 · Evaporator drain specified as Type M copper and refrigeration hard copper

CONFLICT

MEDIUM IMPACT

Sheets P000.00, QF001

P000.00 says

"CONDENSATE DRAINAGE PIPING SHALL BE TYPE "M" COPPER TUBING"

QF001 says

"EVAPORATOR CONDENSATE DRAIN LINE(S) SHALL BE REFRIGERATION GRADE HARD COPPER USING 1" STANDOFFS."

Question to send

Which copper tubing grade should be used for the walk-in evaporator condensate drain?

Why it matters

Sheet P000.00 says condensate drainage piping shall be Type M copper tubing. Sheet QF001 says the evaporator condensate drain shall be refrigeration grade hard copper with 1 inch standoffs.

Item 133 · Sign circuit count deferred to sign vendor**MISSING NUMBER****MEDIUM IMPACT****Sheets**

E200.00

E200.00 says

"COORDINATE NUMBER OF CIRCUITS REQUIRED WITH SIGN VENDOR."

Question to send

How many sign circuits are needed, and which panel feeds the sign?

Why it matters

Sheet E200.00 tells the contractor to coordinate the number of circuits for the sign with the sign vendor. No circuit count or sign panel location is shown.

Item 134 · WB-14 blocking height left to architect**MISSING NUMBER****MEDIUM IMPACT****Sheets**

QF401

QF401 says

"WB-14 VERIFY WITH ARCHITECT"

Question to send

What is the blocking height for WB-14?

Why it matters

Sheet QF401 gives heights for WB-1 through WB-13 and says WB-14 must be verified with the architect. The blocking height is needed to frame and price the wall.

Item 135 · Most phase-one equipment has no voltage or load listed**MISSING NUMBER****MEDIUM IMPACT****Sheets**

QF102A.00

QF102A.00 says

"ITEM NO.: 53 · QTY: 1 · ITEM DESCRIPTION: HEATED LOW TEMP HOLDING CABINET · col 6: ALTO-SHAAM · MODEL: 750-8 · PHASE: 1"

QF102A.00 says

"ITEM NO.: 11 · QTY: 2 · ITEM DESCRIPTION: CONVECTION OVEN, ELECTRIC · col 6: WARING · MODEL: WCO500X · ELECTRICAL: 120 · PHASE: 1"

Question to send

Please provide voltage, amperage and load for each phase-one equipment item.

Why it matters

Sheet QF102A.00 gives phase only for many items, such as the holding cabinet, while item 11 is the only one with a

voltage. The electrician cannot size circuits from this schedule.

Item 136 · Exhaust hood and fan electrical values are blank

MISSING NUMBER

MEDIUM IMPACT

Sheets QF102A.00, QF103.00

QF102A.00 says

"EXHAUST HOOD · col 6: NIC · MODEL: BY OTHERS · ELECTRICAL: X · PHASE: X"

QF103.00 says

"E.C. TO VERIFY UTILITY REQUIREMENTS WITH G.C./OWNER PRIOR TO ROUGH-INS"

Question to send

Please provide the voltage, phase and amps for the exhaust hood and exhaust fan.

Why it matters

Sheet QF102A.00 leaves the exhaust hood voltage, phase and amps blank, and sheet QF103.00 says the electrician must verify utility needs with the GC or owner. The circuit and disconnect cannot be priced yet.

Item 137 · Millwork responsibility matrix leaves installer and furnisher cells blank

MISSING NUMBER

MEDIUM IMPACT

Sheets G010.00

G010.00 says

"T2 · MILLWORK RESPONSIBILITY MATRIX ITEM: STAINLESS STEEL COUNTERTOP · FURNISHED BY: OWNER VENDOR"

G010.00 says

"T2 · MILLWORK RESPONSIBILITY MATRIX ITEM: WINDOWS"

Question to send

Who furnishes and installs the stainless steel countertop and the windows?

Why it matters

G010.00 leaves the installer blank for the stainless steel countertop, which is furnished by owner vendor, and leaves the furnisher and installer blank for the windows row.

Item 138 · Kitchen and pass window openings depend on KEC drawings not in set

MISSING DOCUMENT

MEDIUM IMPACT

Sheets G010.00

G010.00 says

"OC TO PROVIDE MILLWORKER WITH FINAL ROUGH OPENING SIZES PRIOR TO FABRICATION. COORDINATE WITH FINAL KEC DRAWINGS."

Question to send

Please provide the KEC drawings or the final rough opening sizes for the kitchen and pass windows.

Why it matters

G010.00 says the contractor must give the millworker final rough opening sizes coordinated with final KEC drawings, which are not in this set.

Item 139 · Finish schedule leaves concrete, grout and border values open

MISSING NUMBER

MEDIUM IMPACT

Sheets A011.00

A011.00 says

"NATURAL | COLOR: TBD"

A011.00 says

"GROUT / FINISH: TBD"

A011.00 says

"LETTERS TO BE BURGUNDY & BORDER TBD."

Question to send

What are the concrete color, grout color, floor tile border and letter color and border?

Why it matters

Sheet A011.00 shows natural concrete color, grout finish and the floor tile border as TBD, and the letter color and border as TBD. These finishes cannot be priced or ordered yet.

Item 140 · Signage and egress signs deferred to missing drawings

MISSING DOCUMENT

MEDIUM IMPACT

Sheets A211.00, A311.00

A311.00 says

"SIGNAGE. REFER TO SIGNAGE DRAWINGS BY OTHERS."

A311.00 says

"VERIFY REUSE // RELOCATION // NEW REQUIRED EGRESS SIGNS AND ACCESSORIES."

Question to send

Please provide the signage drawings and confirm which egress signs are new and who furnishes them.

Why it matters

Sheet A311.00 refers signage to drawings by others and asks the GC to verify reuse, relocation and new egress signs. Sheet A211.00 also depends on signage, and the signage drawings are not in this set.

Item 141 · Water heater housekeeping pad size not given

MISSING NUMBER

MEDIUM IMPACT

Sheets A210.00

A210.00 says

"GENERAL CONTRACTOR TO FURNISH AND INSTALL NEW 4° HOUSEKEEPING PAD FOR HOT WATER HEATER, SIZED AS REQUIRED."

Question to send

What size should the hot water heater housekeeping pad be?

Why it matters

Sheet A210.00 says the GC shall furnish and install a new 4 inch housekeeping pad for the hot water heater, sized as required. No pad dimension is printed.

Item 142 · Stud gauges left to manufacturer span charts

MISSING NUMBER

MEDIUM IMPACT

Sheets

A702.00

A702.00 says

"T1 · PARTITION TYPE: L · STUD GAUGE: SEE MFR. SPAN CHARTS"

A702.00 says

"T3 · PARTITION TYPE: P · STUD SIZE: 3 5/8" · STUD GAUGE: SEE MFR SPAN CHARTS"

Question to send

What stud gauge should each partition type use?

Why it matters

Sheet A702.00 leaves stud gauge to manufacturer span charts for several partition types. The framing quantity and material cannot be priced until the gauge is set.

Item 143 · Hood fire system parts list left to be determined

MISSING NUMBER

MEDIUM IMPACT

Sheets

M-504.00

M-504.00 says

"ADDITIONAL PARTS TO BE DETERMINED"

Question to send

Please list the remaining fire suppression parts and their quantities.

Why it matters

Sheet M-504.00 ends the fire system parts list with additional parts still to be determined. The quantity and cost of the suppression package are not fixed.

Item 144 · Duct and pipe support method depends on landlord spec not in set

MISSING DOCUMENT

MEDIUM IMPACT

Sheets

M-001.00

M-001.00 says

"ALL DUCTWORK AND PIPING SHALL BE PROPERLY SECURED TO THE BUILDING AS PER LANDLORD SPECIFICATIONS"

Question to send

Please provide the landlord specifications for duct and pipe support.

Why it matters

M-001.00 says ductwork and piping are secured as per landlord specifications, and those specifications are not in this set.

Item 145 · Alarm contractor requirement table left blank

MISSING NUMBER

MEDIUM IMPACT

Sheets

M-516.00, G000.00

M-516.00 says

"ALARM CONTRACTOR REQUIREMENT CONNECTION CORE CONNECTION ON DEVICE VOLTAGE AMPERAGE"

G000.00 says

"TO INCLUDE IN HIS BID ALL RELATED COSTS INCLUDING BUT NOT LIMITED TO; FIRE ALARM"

Question to send

Please fill in the fire alarm connection, voltage and amperage requirements for the PCU.

Why it matters

Sheet M-516.00 has a fire alarm contractor requirement table with blank rows for connection, voltage and amperage.
Sheet G000.00 includes fire alarm work in the GC bid.

Item 146 · Coffee grinder and brewer electrical data needs verifying

MISSING NUMBER

MEDIUM IMPACT

Sheets

QF102A.00

QF102A.00 says

“COFFEE GRINDER · col 6: NIC · MODEL: BY OWNER · PHASE: 1 · REMARKS: INFORMATION SHOWN IS FOR COORDINATION ONLY AND NEEDS TO BE”

QF102A.00 says

“COFFEE TEA BREWER · MODEL: BY OTHERS · PHASE: 1 · col 19: :unselected: · MBTUH: :unselected: · REMARKS: INFORMATION SHOWN IS FOR COORDINATION ONLY”

QF102A.00 says

“ITEM NO.: 8 · QTY: 4 · ITEM DESCRIPTION: COFFEE GRINDER · col 6: NIC · MODEL: BY OWNER · PHASE: 1”

Question to send

Please confirm the voltage, load and MBTUH for the coffee grinders and brewer.

Why it matters

Sheet QF102A.00 gives phase for the coffee grinders and brewer, but marks the data as coordination only and to be verified. The brewer MBTUH is unselected.

Item 147 · Walk-in sprinkler freeze protection assigned but not on sprinkler sheets

MISSING NUMBER

MEDIUM IMPACT

Sheets

QF001

QF001 says

“UNITS AS REQ'D THRU WALK-IN AND PROTECT SPRINKLER SYSTEM AGAINST FREEZING”

Question to send

Who furnishes and installs the freeze protection for the sprinkler line at the walk-in?

Why it matters

Sheet QF001 requires the sprinkler line through walk-in penetrations to be protected against freezing, but sheets SP001.00 and SP002.00 show no freeze protection.

Item 148 · Sprinkler criteria table has blank head counts and areas

MISSING NUMBER

MEDIUM IMPACT

Sheets

SP000.00

SP000.00 says

“CONTRACTOR SHALL SUBMIT HYDRAULIC CALCULATIONS BASED ON THIS FOLLOWING CRITERIA”

SP000.00 says

“EXISTING HEADS TO BE REMOVED”

SP000.00 says

“RELOCATED HEADS”

Question to send

Please provide the removed, relocated and design area values for the hydraulic criteria table.

Why it matters

Sheet SP000.00 gives hydraulic criteria with the existing heads to be removed and relocated blank, and the cellar and first floor design area rows have no values. The removal and relocation quantities cannot be priced.

Item 149 · Walk-in utility needs depend on shop drawings not in set

MISSING DOCUMENT

MEDIUM IMPACT

Sheets

QF102A.00

QF102A.00 says

“ALL TRADES MUST VERIFY UTILITY REQUIREMENTS WITH FINAL APPROVED SHOP DRAWINGS”

Question to send

When will the approved walk-in shop drawings be issued with the utility requirements?

Why it matters

Sheet QF102A.00 says all trades must verify walk-in utility requirements with final approved shop drawings. Those shop drawings are not in this set, so the walk-in connections cannot be fixed.

Item 150 · Remote firestat quantity and locations left open

MISSING NUMBER

MEDIUM IMPACT

Sheets

M-515.00

M-515.00 says

“DEPENDING ON THE DUCT LAYOUT AND HOOD TEMPERATURE RATING. REFERENCE MANUAL FOR LOCATION AND GUIDELINES.”

Question to send

How many remote firestats are required and where, based on the hood rating?

Why it matters

Sheet M-515.00 says the firestat count and location depend on the duct layout and hood temperature rating, and refers to a manual for guidelines.

Item 151 · VFD-to-motor distance not stated; extra cost possible

MISSING NUMBER

MEDIUM IMPACT

Sheets

M-517.00

M-517.00 says

“distance between VFD and Motor; additional cost could apply if”

Question to send

What is the distance between the VFD and the motor?

Why it matters

Sheet M-517.00 says the VFD ships loose for field installation and that extra cost may apply depending on the distance to the motor. The distance is not printed.

Item 152 · Pressure regulator depends on design pressure not printed

MISSING NUMBER

MEDIUM IMPACT

Sheets

M-517.00

M-517.00 says

"PRV NOT INCLUDED, UNLESS OUTSIDE DESIGN PRESSURE."

Question to send

What is the design pressure that decides whether the pressure regulator is supplied?

Why it matters

Sheet M-517.00 says the PRV is not included unless the outside design pressure is exceeded. The design pressure value is not printed.

Item 153 · Section 114000 foodservice spec referenced but not in the set

MISSING DOCUMENT

MEDIUM IMPACT

Sheets

QF001

QF001 says

"3. KEC (SECTION 114000) SHALL FURNISH AND INSTALL METAL CLOSURE"

QF001 says

"13. KEC (SECTION 114000) SHALL FURNISH FAUCETS, BASKET WASTES,"

Question to send

Please provide section 114000 so the KEC furnish and install scope can be confirmed.

Why it matters

Sheet QF001 assigns closures, faucets, basket wastes and other items to KEC under section 114000, which is not in the drawing set.

Item 154 · Oven water filter spec left to kitchen vendor; detail cited on P007

MISSING DOCUMENT

MEDIUM IMPACT

Sheets

P006.00

P006.00 says

"WATER FILTER FOR OVEN. OBTAIN FILTER SPECIFICATION FROM"

P006.00 says

"SEE WATER FILTER DETAIL ON SHEET 14/P007 FOR MORE INFORMATION"

Question to send

Please provide the oven water filter specification and the correct filter detail reference.

Why it matters

Sheet P006.00 says to obtain the oven water filter specification from the kitchen vendor and cites a filter detail on sheet 14/P007, which does not show it.

Item 155 · Water dispenser boiler amperage left as verify

MISSING NUMBER

MEDIUM IMPACT

Sheets

QF102A.00, QF103.00

QF103.00 says

"230 1 VERIFY 2.8"

QF102A.00 says

“WATER DISPENSER WBOILER”

Question to send

What is the amperage of the water dispenser boiler so the circuit and breaker can be sized?

Why it matters

Sheet QF103.00 gives the water dispenser boiler amps as VERIFY and lists an L6-20 plug. Sheet QF102A.00 names the water dispenser boiler without an amperage.

Item 156 · Fire alarm music shutdown relay has no music system in the set

MISSING NUMBER

MEDIUM IMPACT

Sheets

FA-200.00

FA-200.00 says

“TO MUSIC SHUTDOWN RELAY”

Question to send

What music system is to be shut down, and who furnishes and wires the relay?

Why it matters

FA-200.00 calls for a relay to shut down the music system, but no audio or low-voltage sheet in the set shows the music system or who furnishes the relay.

Item 157 · Fire alarm equipment pricing list is referenced but not shown

MISSING NUMBER

MEDIUM IMPACT

Sheets

FA-001.00

FA-001.00 says

“SHALL OBTAIN PRICING FOR THE EQUIPMENT AND SERVICES LISTED BELOW WHICH MUST BE”

Question to send

Please provide the fire alarm equipment and services list so the bid scope can be priced.

Why it matters

FA-001.00 says the equipment and services listed below must be priced before bid, but no list appears on the sheet.

Item 158 · Fire alarm booster power supply has no confirmed electrical circuit

MISSING NUMBER

MEDIUM IMPACT

Sheets

FA-100.00, E-400.00

FA-100.00 says

“COORDINATE EXACT LOCATION OF BOOSTER POWER SUPPLY WITHIN IT CLOSET 003 WITH ALL”

E-400.00 says

“REFER TO FIRE ALARM MENOPAUSIAONES DRAWINGS IN ORDER AND NA TO COORDINATE SONAASTON DISCARD UPON RELOCATION VERIFICATION OF WITH BOOSTER [REDACTED] POWER CONSTRUCTION SUPPLY.”

Question to send

Which electrical circuit feeds the fire alarm booster power supply and who provides it?

Why it matters

FA-100.00 leaves the booster power supply location open, and E-400.00 refers its coordination back to the fire alarm drawings with no dedicated circuit shown.

Item 159 · Overshelf receptacles provided but count not on electrical sheets

MISSING NUMBER

MEDIUM IMPACT

Sheets

QF102A.00, E100.00

QF102A.00 says

"PROVISIONS MADE FOR TWELVE (12) RECEPTACLES"

E100.00 says

"COORDINATE EXACT LOCATION OF ALL OUTLETS AND EQUIPMENT WIRING WITH KITCHEN EQUIPMENT"

Question to send

Please show the twelve overshelf receptacles on sheet E100.00 and in the panel schedule.

Why it matters

Sheet QF102A.00 provides for twelve overshelf receptacles. Sheet E100.00 only says to coordinate outlet locations with the kitchen equipment, with no count shown.

Item 160 · Project street address shown as [REDACTED] and [REDACTED]

CONFLICT

LOW IMPACT

Sheets

P007.00, P008.00, SP000.00, P009.00

P007.00 says

"[REDACTED] NY YORK"

P008.00 says

"[REDACTED] YORK"

SP000.00 says

"[REDACTED] NY YORK [REDACTED]"

Question to send

What is the correct street address for the tenant space?

Why it matters

Sheets P007.00 and SP000.00 print [REDACTED], while sheets P008.00 and P009.00 print [REDACTED].

Item 161 · Change of use stated on life safety sheet but not on general sheet

CONFLICT

LOW IMPACT

Sheets

G031.00, G000.00

G031.00 says

"OF USE, APPROVED OCCUPANCY, ON [REDACTED]. AND EGRESS IS ESTABLISHED"

G000.00 says

"NO CHANGE TO USE"

Question to send

Is this a change of use, and which code basis governs?

Why it matters

G031.00 refers to a change of use with approved occupancy, while G000.00 states no change to use.

Item 162 · Two different phone numbers printed for the same owner contact

CONFLICT

LOW IMPACT

Sheets G000.00

G000.00 says

"[REDACTED] MOBILE [REDACTED] MOBLE"

Question to send

What is the correct mobile number for this contact?

Why it matters

G000.00 prints the contact [REDACTED] with a [REDACTED] mobile number and a [REDACTED] mobile number.

Item 163 · Accessibility standard edition differs across sheets

CONFLICT

LOW IMPACT

Sheets A711.00, PA001.00, G001.00

A711.00 says

"NOTE: HANDICAPPED ACCESSIBILITY INFO HEREIN AS PER ANSI A117.1, 1986 BASED ON NYC LOCAL LAW 58/87"

PA001.00 says

"ACCESSIBILITY CODE: 2010 ADA, ICC, AND ANSI (A117.1 - 2009)"

G001.00 says

"ARCHITECT TO CERTIFY COMPLIANCE WITH ADAAG 2010"

Question to send

Which accessibility standard edition governs the restroom and signage details?

Why it matters

Sheet A711.00 cites ANSI A117.1 1986, sheet PA001.00 cites ADA 2010 with ANSI A117.1 2009, and sheet G001.00 cites ADAAG 2010. Clearances and mounting heights could change.

Item 164 · Plug mold color differs between millwork sheets

CONFLICT

LOW IMPACT

Sheets A911.00, A912.00

A911.00 says

"PLUG MOLD, WHITE POWER"

A912.00 says

"PLUG MOLD, BLACK OR BROWN."

Question to send

What color plug mold should be used at each counter?

Why it matters

Sheet A911.00 calls for white plug mold at the back counter. Sheet A912.00 calls for black or brown plug mold at the barista counter.

Item 165 · Sprinkler testing note differs between two sheets

CONFLICT

LOW IMPACT

Sheets SP001.00, SP002.00

SP001.00 says

“ALL TESTING REQUIREMENTS AS PER TENANT CRITERIA”

SP002.00 says

“REQUIREMENTS AS PER TENANT CRITERIA MANUAL AND NYC CODE”

SP002.00 says

“ALL TESTING REQUIREMENTS AS PER TENANT CRITERIA MANUAL AND NYC CODE”

Question to send

Should sprinkler testing follow the tenant criteria alone or the tenant criteria plus NYC Code?

Why it matters

Sheet SP001.00 says all testing follows the tenant criteria, while sheet SP002.00 says it follows the tenant criteria manual and NYC Code. The test scope and witness requirements differ.

Item 166 · Project house number differs between sheets, [REDACTED] vs [REDACTED]

CONFLICT

LOW IMPACT

Sheets QF101, M-516.00

QF101 says

“[REDACTED] aka [REDACTED]”

M-516.00 says

“[REDACTED] - NYC <[REDACTED]>”

Question to send

What is the correct house number for the project address?

Why it matters

Sheet QF101 gives the address as [REDACTED], while sheet M-516.00 gives [REDACTED].

Item 167 · Fire alarm sheets show different ID release dates

CONFLICT

LOW IMPACT

Sheets FA-001.00, FA-200.00

FA-001.00 says

“ID RELEASE · col 2: [REDACTED]”

FA-200.00 says

“ID RELEASE · col 2: [REDACTED]”

Question to send

Which release date is the current issue for the fire alarm sheets?

Why it matters

FA-001.00 shows an ID release date of [REDACTED] and FA-200.00 shows [REDACTED].

Item 168 · TMV-2 hot-water branch cites 2018 IECC on one sheet, 2020 on another

CONFLICT

LOW IMPACT

Sheets

P003.00, P008.00

P003.00 says

"1/2" HOT WATER BRANCH PIPE TO LAVATORY SHALL BE NOT MORE THAN 2 FEET FROM HOT WATER LOOP PER 2018 IECC REQUIREMENTS."

P008.00 says

"PER 2020 IECC SECTION C404.5.1, THE MAXIMUM ALLOWABLE PIPING"

Question to send

Which IECC edition governs the TMV-2 hot-water branch length?

Why it matters

Sheet P003.00 ties the 2-foot branch limit to 2018 IECC, while sheet P008.00 cites 2020 IECC section C404.5.1 for the piping limit.

Item 169 · WB-11 bottom mounting height reads 78 inches on one sheet, 8 inches on another

CONFLICT

LOW IMPACT

Sheets

QF001, QF401

QF401 says

"WB-11 78" AFF TO 114" AFF"

QF401 says

"WB-11 8" AFF TO 114" AFF"

Question to send

What is the correct bottom mounting height for WB-11 blocking?

Why it matters

Sheet QF401 shows WB-11 blocking at 78 inches AFF on one line and 8 inches AFF on another, and sheet QF001 is also cited.

Item 170 · Plumbing code edition cited as both 2008 and 2014

CONFLICT

LOW IMPACT

Sheets

P000.00

P000.00 says

"SPECIFICATIONS AND SHALL COMPLY WITH 2008NYC PLUMBING CODE AND SHALL COMPLY WITH 2014 NYC PLUMBING CODE"

P000.00 says

"18. NOMINAL SIZES OF VENT PIPING INCLUDING VENT HEADERS SHALL BE AS PROVIDED IN 2014 NYC PLUMBING CODE."

Question to send

Which NYC plumbing code edition governs this work, 2008 or 2014?

Why it matters

Sheet P000.00 says the work shall comply with the 2008 NYC plumbing code and also with the 2014 NYC plumbing code. Its vent sizing note cites the 2014 code.

Item 171 · POS coordination note names another tenant's manager

CONFLICT

LOW IMPACT

Sheets E100.00

E100.00 says

"POS VENDOR. COORDINATED IN THE FIELD BETWEEN OWNER AND █████ CONSTRUCTION MANAGER."

E100.00 says

"COORDINATED IN THE FIELD BETWEEN OWNER AND █████ CONSTRUCTION MANAGER"

Question to send

Who is the correct owner contact for coordinating POS power and data on this project?

Why it matters

Sheet E100.00 says the POS vendor is coordinated in the field between the owner and the construction manager for █████, which is not this project. The real contact for POS power and data is not named.

Item 172 · Sheet number on M-520.00 inconsistent with sheet count

CONFLICT

LOW IMPACT

Sheets M-520.00

M-520.00 says

"SHEET NO. 18 SHEET 20 OF 20"

Question to send

What is the correct sheet number for M-520.00?

Why it matters

Sheet M-520.00 prints SHEET NO. 18 and SHEET 20 OF 20 in its title block. The number does not match the neighboring sheets.

Item 173 · Outlet height reference point given two different ways

CONFLICT

LOW IMPACT

Sheets A010.00

A010.00 says

"ALL DIMENSIONS ARE TO CENTERLINE OF RECEPTACLE OR GANG RECEPTACLE."

A010.00 says

"DIMENSIONS ARE TO TOP OF OUTLET COVERS."

Question to send

Should outlet dimensions be measured to receptacle centerline or to top of outlet cover?

Why it matters

Sheet A010.00 says outlet dimensions are to receptacle centerline in one note and to top of outlet cover in a keynote. Outlet heights will differ depending on which applies.

Item 174 · Cellar makeup air interlocked to Type II hoods but kitchen hood is Type I

CONFLICT

LOW IMPACT

Sheets M-100.00, M-400.00

M-100.00 says

"2. TYPE-I KITCHEN EXHAUST HOOD FURNISHED BY OTHERS, INSTALLED BY MECHANICAL CONTRACTOR."

M-400.00 says

"INTERLOCKED WITH TYPE II HOODS"

Question to send

Should the cellar makeup air interlock be to the Type I kitchen hood?

Why it matters

M-100.00 says the kitchen exhaust hood is Type I furnished by others, while M-400.00 interlocks EF-C-1 with Type II hoods.

Item 175 · Project address printed differently on mechanical sheets

CONFLICT

LOW IMPACT

Sheets

M-519.00, M-518.00

M-519.00 says

"██████"

M-518.00 says

"██████ NYC (██████)"

Question to send

What is the correct project street address?

Why it matters

Sheet M-519.00 shows the project at ██████. Sheet M-518.00 shows ██████.

Item 176 · Project street address differs between mechanical sheets

CONFLICT

LOW IMPACT

Sheets

M-501.00, M-504.00

M-501.00 says

"██████ aka ██████"

M-504.00 says

"██████ - NYC (██████, New York, NY, ██████"

Question to send

What is the correct street address for the project to use on all sheets?

Why it matters

Sheet M-501.00 shows the project at ██████. Sheet M-504.00 shows ██████.

Item 177 · Mixed code editions cited across general and discipline notes

MISSING NUMBER

LOW IMPACT

Sheets

G000.00, M-100.00, M-400.00, M-001.00

G000.00 says

"BUILDING CODE: 2022 NYC BUILDING CODE"

G000.00 says

"ELECTRICAL CODE: 2011 NYC ELECTRICAL CODE"

M-100.00 says

"ACCORDANCE TO NYC MECHANICAL CODE, SECTION 506.3.2.5"

Question to send

Which code editions govern the electrical, mechanical and energy work on this project?

Why it matters

G000.00 lists the building code as 2022 and the electrical code as 2011, while M-100.00, M-400.00 and M-001.00 cite 2020 mechanical and energy editions.

Item 178 · Plumbing fixtures under A-2 while egress uses F-4 occupancy

MISSING NUMBER

LOW IMPACT

Sheets

PA100.00

PA100.00 says

"T3 · TYPE OF FIXTURE: WATER CLOSETS A-2"

PA100.00 says

"DOOR CAPACITY USE GROUP: F-4"

Question to send

Which occupancy classification governs the fixture count and the egress calculation?

Why it matters

Sheet PA100.00 applies A-2 to the water closets and lavatories while the egress table applies F-4, and cites both 1968 and 2022 code sections.

Item 179 · Public assembly sheet cites 1968 building code, general sheet 2022

MISSING NUMBER

LOW IMPACT

Sheets

PA001.00, G000.00, EN001.00, S-001.00

PA001.00 says

"1968 BUILDING CODE OF NYC"

G000.00 says

"BUILDING CODE: 2022 NYC BUILDING CODE"

EN001.00 says

"PER 2020 NYC ENERGY CONSERVATION CODE"

Question to send

Which building code edition governs this project for egress, finishes and occupant load?

Why it matters

Sheet PA001.00 cites the 1968 building code of NYC, while sheet G000.00 cites the 2022 NYC building code, and other sheets cite energy code editions.

Item 180 · Structural sheet lists residential occupancy for a restaurant

MISSING NUMBER

LOW IMPACT

Sheets

S-001.00, G000.00

S-001.00 says

"OCCUPANCY CLASSIFICATION: R-2 RESIDENTIAL (APARTMENT HOUSES)"

G000.00 says

"NO CHANGE TO USE"

G000.00 says

“TENANT BUILD OUT OF A NEW [REDACTED]”

Question to send

Which occupancy classification applies to this space, and should sheet S-001.00 be corrected?

Why it matters

Sheet S-001.00 gives the occupancy classification as R-2 residential. Sheet G000.00 says the project is a restaurant with no change of use.

Item 181 · Building standards cited but not included in the set

MISSING DOCUMENT

LOW IMPACT

Sheets

M-200.00

M-200.00 says

“RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A COPY OF THE BUILDING STANDARDS”

Question to send

Please provide the building standards that govern risers, sleeves and tie-ins.

Why it matters

M-200.00 requires the contractor to obtain a copy of the building standards, which are not in this set.

Item 182 · Plumbing and insulation notes cite different code editions

MISSING NUMBER

LOW IMPACT

Sheets

P000.00, P003.00

P000.00 says

“IN ACCORDANCE WITH 2014 NYC PLUMBING CODE”

P003.00 says

“INSULATED AS REQUIRED PER 2020 NYC ENERGY CONSERVATION CODE”

P003.00 says

“ALL DOMESTIC WATER PIPES SHALL BE INSULATED AS REQUIRED PER 2020 NYC ENERGY CONSERVATION CODE”

Question to send

Which code editions should the plumbing and insulation work be bid and inspected against?

Why it matters

Sheet P000.00 cites the 2014 NYC plumbing code and the 2020 NYC energy code. Sheet P003.00 says domestic water pipe insulation follows the 2020 NYC energy conservation code.

Item 183 · Existing building code N/A conflicts with [REDACTED] certificate reference

MISSING NUMBER

LOW IMPACT

Sheets

G031.00, G001.00

G031.00 says

“EXISTING BUILDING CODE: N/A”

G001.00 says

“EXIST. CONSTRUCTION CLASS (PER [REDACTED] C/O [REDACTED])”

Question to send

Which code basis governs the existing construction and is any upgrade required?

Why it matters

G031.00 says existing building code is N/A, while G001.00 gives the existing construction class per the [REDACTED] certificate of occupancy.

Item 184 · Energy code edition differs between cover sheet and insulation note

MISSING NUMBER

LOW IMPACT

Sheets

G000.00, A211.00

G000.00 says

"BUILDING CODE: 2022 NYC BUILDING CODE"

A211.00 says

"INSULATE ALL PIPES AS REQUIRED PER 2020 NYCECC."

Question to send

Which energy code edition governs the pipe insulation requirements?

Why it matters

G000.00 names the 2022 NYC Building Code, while A211.00 says insulate pipes per the 2020 NYCECC.

Item 185 · Bar B2 total occupant cell is blank

MISSING NUMBER

LOW IMPACT

Sheets

PA100.00

PA100.00 says

"T2 · USE OF SPACE: BAR "82 · AREA (SF): 88 8F · SFIOCC: 200 SF · TOTAL OCC.: OCC"

Question to send

What is the total occupant count for Bar B2?

Why it matters

Sheet PA100.00 gives Bar B2 an 88 SF area and 200 SF per occupant, but the total occupant cell is blank.

Item 186 · Structural notes cite mixed code editions

MISSING NUMBER

LOW IMPACT

Sheets

S-001.00

S-001.00 says

"BUILDING CODE OF THE CITY OF NEW YORK, 2022 INCLUDING LATEST AMENDMENTS"

S-001.00 says

"IN COMPLIANCE WITH 2019 NEW YORK CITY ENERGY CONSERVATION CODE"

Question to send

Which energy code edition governs the compliance submittal for this project?

Why it matters

Sheet S-001.00 cites the 2022 NYC Building Code and the 2019 NYC Energy Conservation Code. This raises which energy edition the compliance submittal must follow.

Item 187 · Two NFPA 13 editions cited for sprinkler design

MISSING NUMBER

LOW IMPACT

Sheets

SP000.00

SP000.00 says

"NFPA 13, 2007 EDITION"

SP000.00 says

"NFPA 13-2002 SECTION"

SP000.00 says

"NFPA13 2007, SEC. 8.16.2"

Question to send

Which NFPA 13 edition governs the sprinkler design and inspection?

Why it matters

Sheet SP000.00 cites NFPA 13 2007 in some notes and NFPA 13-2002 in others. The edition controls which design and inspection rules the sprinkler work must follow.

Item 188 · New Jersey code cited alongside NYC electrical code

MISSING NUMBER

LOW IMPACT

Sheets

E100.00, E001.00

E001.00 says

"NYCEC (2020 NEC) AND NJAC 5.23 - 3.15"

Question to send

Which code governs the electrical requirements, and should the New Jersey citation be removed?

Why it matters

Sheet E001.00 cites NYCEC 2020 NEC together with a New Jersey administrative code section. Sheet E100.00 is the electrical plan on the same project.

Item 189 · Evaporator drain connection deferred to plumbing drawings with none shown

CONFLICT

HIGH IMPACT

Sheets

M-001.00, QF103.00

M-001.00 says

"COORDINATE ACTUAL DRAIN CONNECTIONS W/ PLUMBING DWG."

M-001.00 says

"40. DRAIN PIPING FROM EVAPORATORS SHALL BE ROUTED SO AS NOT TO CREATE A TRIPPING HAZARD, COORDINATE ACTUAL DRAIN CONNECTIONS W/ PLUMBING DWG."

QF103.00 says

"1 COOLER EVAPORATOR"

Question to send

Who furnishes and routes the evaporator condensate drain, and where does it terminate?

Why it matters

M-001.00 says to coordinate actual drain connections with the plumbing drawings, but the plumbing sheets in the text show no condensate drain connection.

Item 190 · Future gas charbroiler stub carried in plumbing but not on plan

MISSING NUMBER

HIGH IMPACT

Sheets QF102A.00, QF103.00

QF102A.00 says

"CHARBROILER, GAS, COUNTERTOP (FUTURE) · col 6: NIC · MODEL: FUTURE · REMARKS: NOT SHOWN ON PLAN"

QF103.00 says

"CHARBROILER, GAS, COUNTERTOP (FUTURE) · GAS STUB (-AFF): 18 · MBTUH: 80.0"

QF102A.00 says

"ITEM NO.: 51 · QTY: 1 · ITEM DESCRIPTION: CHARBROILER, GAS, COUNTERTOP (FUTURE) · col 6: NIC · MODEL: FUTURE · REMARKS: NOT SHOWN ON"

Question to send

Is the future charbroiler gas stub to be installed now, and is it included in the gas load?

Why it matters

Sheet QF103.00 gives a future gas charbroiler an 18-inch gas stub at 80 MBTUH, while sheet QF102A.00 marks it future and not shown on plan.

Item 191 · PCU water line handed to sprinkler contractor, not shown on sprinkler sheets

MISSING DOCUMENT

HIGH IMPACT

Sheets M-517.00, SP001.00, SP002.00

M-517.00 says

"CONNECT CORE WATER LINE TO BUILDING WET SPRINKLER SYSTEM, STAINLESS STEEL, COPPER, STEEL PIPE ONLY"

SP001.00 says

"CLASSIFICATION AND RATING OF EXISTING SPRINKLER HEADS"

M-517.00 says

"PRV NOT INCLUDED, UNLESS OUTSIDE DESIGN PRESSURE. MUST BE ADJUSTED BY THE SPRINKLER CONTRACTOR TO MEET"

Question to send

Will the sprinkler contractor furnish the PCU water connection, valve and regulator, and where are they shown?

Why it matters

Sheet M-517.00 assigns the PCU core water line to the building wet sprinkler system and the sprinkler contractor. Sheets SP001.00 and SP002.00 show no PCU connection, valve or regulator.

Item 192 · Recirculation pump power and time clock sent to electrical drawings

MISSING NUMBER

HIGH IMPACT

Sheets P007.00

P007.00 says

"SEE ELECTRICAL DRAWINGS FOR POWER CONNECTIONS AND TIME CLOCK"

P007.00 says

"FOR RECIRCULATION PUMP"

Question to send

Which sheet shows the recirculation pump circuit and time clock, and who furnishes them?

Why it matters

Sheet P007.00 sends power connections and the time clock for the 115 V recirculation pump to the electrical drawings, which do not show that pump, its circuit or its clock.

Item 193 · Fire alarm interfaces deferred to specifications not in set

MISSING DOCUMENT MEDIUM IMPACT

Sheets FA-001.00

FA-001.00 says

"REFER TO SPECIFICATIONS FOR EQUIPMENT, INTERCONNECTIONS, INTERFACES TO OTHER SYSTEMS, FIRE ALARM VENDOR."

Question to send

Please provide the fire alarm specifications covering interconnections, interfaces and the vendor scope.

Why it matters

Sheet FA-001.00 refers equipment, interconnections, interfaces to other systems and the fire alarm vendor to specifications. Those specifications are not in this set.

4 Not in this read0 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.