

Madison New PK-5 Elementary School
State Project No. 076-0067
Gilbane Job No. J09867.000
Bid RFI Log
Supplement #1 - 01/12/2024



Bid RFI #	Date Submitted	Discipline	Drawing / Spec Reference	Question	Open / Closed	Date Answered	Answer	Responsible Party	Issued to Trades
1	12/22/2023	MEPS		BP27A (Audio Visual) specific scope # 5 States to coordinate with 26B and 27B for lockdown strobes. BP27A is to cable and provide the strobes. Please consider the following to avoid confusion/ and have less hands on the system: 26B provides the lockdown strobes because they are a security item and need to be interfaced with the security head end. 27B can cable it if preferred but 27A AV should have no part in this scope.	Closed	1/12/2024	BP 26B shall provide the lock down strobes and cabling shown on the TN drawings	Gilbane	Supplement #1
2	12/22/2023	MEPS	28 31 11	Is the Fire Alarm spec open to equals? The spec says "2.01 MANUFACTURERS A. Subject to compliance with requirements, provide product indicated on drawings as manufactured by NOTIFIER; a Honeywell company."	Closed	1/9/2024	KR: No. Provide fire alarm system from Notifier as specified per Town's request.	Kohler Ronan	Supplement #1
3	12/26/2023	Glazing		In the Advertisement to Bid it lists the DAS prequalification classification as Metal Panels, please confirm if this is accurate?	Closed	1/2/2024	GBC: Reference the revised 00 11 13 Advertisement for Bids and revised 00 45 13 Bidders Qualifications issued in Supplement #1, the DAS prequalification classification for the 08A Bid Package has been corrected to "Doors and Windows".	Gilbane	Supplement #1
4	12/29/2023	Civil	L1.0 & L4.1	Reference sheet L1.0 & L4.1, Aluminum Louver fence. is it possible to get an enlarged layout plan for this area. The Louver type fence is custom made to fit exactly and the materials plan sheet is difficult to verify the layout and exact footages needed.	Open		Benesch Response: We will provide a enlarged plan layout for the Louver Fence	Benesch	
5	12/29/2023	Civil	L1.0 & L4.1 & 32 31 29	Regarding the louver fence, please clarify the following: The plan sheet (L1.0) says its 8" high, detail (L4.1) says 10"? The plan sheet says Aluminum, but the specs (32 31 29) read Steel?	Closed	1/11/2024	Benesch Response: Louver-style Fence to be 10 feet tall and to be constructed of steel according to the specifications.	Benesch	Supplement #1
6	12/29/2023	MEPS	P4.02	Regarding the above grade kitchen waste the pipe & fitting schedule on P4.02 calls for all kitchen waste to be Service weight cast iron and heat traced. 1)Does this only apply to under slab? 2) Can above slab waste & vent be piped with no hub cast iron? 3) Is heat trace required above slab?	Closed	1/9/2024	KR: 1.This applies to underground only. Above ground to approximately 6" above fin floor. 2. No hub cast iron is acceptable above floor. 3 heat trace is not required above slab where lines are provided clean out for snaking.	Kohler Ronan	Supplement #1
7	12/29/2023	General		What is the Connecticut state reimbursement percentage on this project?	Closed	1/12/2024	GBC Response: 28.21%	Gilbane	Supplement #1
8	12/29/2023	Architectural	09 51 13	AT1 & AT2 appear in the spec 095113 2.06 and Finish Legend. Please provide details where these occur.	Closed	1/9/2024	TA: AT-2 is an 8" tall Axiom ceiling trim used at the perimeter of the APC-5 ceiling clouds. AT-1 is a 12" tall Axiom trim and is not used in the project, a revised spec section deleting the reference will be issued under addendum #1	Tecton	Supplement #1
9	12/29/2023	Architectural	09 51 13	LWP-1 (linear wood ceiling) appears in the spec 095113 2.07 but was not found on the RCPs or Finish Legend. Are there wood ceilings on the project?	Closed	1/9/2024	TA: LWP-1 ceiling are not in the project scope, a revised spec section deleting the reference will be issued under addendum #1	Tecton	Supplement #1
10	12/29/2023	Architectural	09 84 36	Tectum Wall Panels – AWP-2 found in spec 098436 2.03 C 2. And 11. call for 2 different mounting methods Type A direct mount and Z-clip respectively. Which mounting method is required?	Closed	1/9/2024	TA: All Tectum wall panels are direct mount, a revised spec section deleting the z-clip reference will be issued under addendum #1	Tecton	Supplement #1
11	12/22/2023	MEPS		Reference 26B electrical specific scope #19: 26B is to provide video surveillance in its entirety including wiring. However in sub section ii its states "the final receptacle for cams will be provided by 27A" Cameras require a CAT 6/6A and no power. Which BP provides copper/fiber to site cameras and interior cameras along with patch panels and terminations?	Closed	1/12/2024	All video surveillance wiring shall be by BP 26B	Gilbane	Supplement #1

12	1/3/2024	MEPS	28 31 11	Reference Spec 28 31 11 Digital, Addressable Fire Alarm System Section 2.01 Manufacturers. Siemens/Cerberus Fire Alarm is a comparable product to the brands listed & capable of all specified requirements. With multiple providers of the Siemens/Cerberus brand in Connecticut, the State will always have a choice in a maintenance contractor. Will Siemens/Cerberus be an acceptable substitution Fire Alarm provider? Reference the attachment "RFI #12 Siemens Cerberus Substitution request form".	Closed	1/9/2024	KR: No. Provide fire alarm system from Notifier as specified per Town's request.	Kohler Ronan	Supplement #1
13	1/4/2024	Architectural	10 21 23 & 10.10	Materials Schedule calls for FAB-1 (spec 102123 Cubicles) in "Nurses Area". Assuming that is room M13 Health Service no curtains are shown on the Floor Plan or RCP. Please clarify. 10.10 indicates to include four (4) 72" wide curtains / tracks. Please confirm this is accurate and provide layout required.	Closed	1/9/2024	TA: Curtain tracks and curtain are required in M13 Health Service, a revised RCP with track layout will be issued under addendum #1	Tecton	Supplement #1
14	1/4/2024	Envelope	23 05 48	Section 230548-3.05 "Roof Equipment Curbs" states: Contractor (mechanical) shall coordinate project requirements for roof pitch prior to submitting on curbs. Curbs shall be manufactured to accommodate architectural roof pitch in lieu of blocking or additional structural steel. Equipment shall be mechanically fastened to the roof curb. Roof curbs shall be seismic rated where required by the seismic design category indicated in this specification section. Roofing scope item #19/07A states "provide wood blocking to a level elevation for all rooftop MEP equipment...". Spec section 230548-3.05 states curbs shall be manufactured roof height/pitch in lieu of blocking. Shall the roofing contractor assume that per the 230548 specification that NO blocking is required at any of the curb penetrations at the roof level?	Closed	1/8/2024	GBC Response: Roofer shall include blocking for mechanical equipment curbs as shown on the Roof Details (A2.20 & A2.21).	Gilbane	Supplement #1
15	1/4/2024	Envelope	07 54 23	Section 075423-2.06E "Substrate Board" specs a substrate board of 1/2" DensDeck but this is not shown in any details. Please indicate where the substrate board is to be installed.	Closed	1/9/2024	TA: Substrate board is not in the project scope, a revised spec section deleting the reference will be issued under addendum #1	Tecton	Supplement #1
16	1/4/2024	Envelope		Please indicate what roof level blocking is to be fire treated and what blocking is to be standard pressure treated. Per 06 10 53 2.03 - Fire treated wood required at interior concealed wood and plywood blocking in wall framing and window opening framing. Also at plywood backing panels and any applications or locations specifically noted on the drawings and specs. Please confirm all roof level blocking is standard pressure treated.	Closed	1/11/2024	TA: see response to RFI #31	Tecton	Supplement #1
17	1/4/2024	Envelope	E12/A5.20	Reference the attached screenshot (detail E12/ A5.20) the highlighted blocking (immediately below the plywood roof edge blocking) is non-constructible due to inability to fasten blocking to structure. Please consider revising the detail to show a steel angle fastened to studs by others in lieu of the highlighted blocking. On similar projects an angle was used in lieu of blocking.	Open			Tecton	
18	1/5/2024	MEPS	P4.01	The Plumbing schedule on P4.01 lists Hose Bibs HB-1, but none are shown in the plans (bathrooms or mechanical spaces). Please advise where they are required.	Closed	1/9/2024	KR: Refer to detail 7/P5.02. The intent is for the HB1 to be installed at the group bathrooms at the lavatory basin.	Kohler Ronan	Supplement #1
19	1/8/2024	Civil	B4/L4.2	Wood guard rail detail B4/L4.2 says 10" posts & 5" x 8" rails. Specs section 32 31 29, 2.1 B, read western red cedar 8" posts and 4" x 8" rails. Which is correct?	Closed	1/11/2024	Benesch Response: Posts are to be 12" square tapering to 10" square at top of post. Rails are to be 5" x 8" in size. Posts and rails to be constructed from western red cedar.	Benesch	Supplement #1
20	1/8/2024	Architectural	A8.10	Please define material type of Doors L10A and L10D on the A8.10 Door Schedule	Closed	1/9/2024	TA: Doors L10A and L10D are aluminum storefront systems, refer to elevation SF16 on drawing A8.20	Tecton	Supplement #1
21	1/8/2024	Architectural	A8.20-A8.22	Glass Types GL-3B and GL-5 are listed as "security" glazing. Please note if any alum framed entrances or frames require ballistic ratings.	Closed	1/9/2024	TA: Ballistic rated frames are not required.	Tecton	Supplement #1
22	1/8/2024	Architectural	A8.20-A8.22	Glass Type GL-2 is listed as "fire-rated", but not found on any storefront elevations. Please advise if any fire-rated glazing is required for aluminum storefronts or curtainwall openings.	Open			Tecton	
23	1/8/2024	Civil	L3.0-L3.2	BP 32B Specific Scope (Item # 5) states that we are to provide all plantings, trees, shrubs, groundcover, seed mix as shown. However, on page 7 of the Bid Proposal Form, Alternate No. 12 states that landscape plantings throughout the site are an alternate. Please clarify the scope for alternate No. 12. It appears that drawing L3.0 shows plantings associated with Alternate #12. What is the intent of drawing L3.1 and L3.2? It appears that some of the plantings listed as Alternate 12 on L3.0 are still included in the Quantity column on Alternate Planting Schedule L3.1.	Closed	1/11/2024	Benesch Response: Individual plants are called out on sheet L3.0 to be included in Alternate #12. All plants that are alternates are included in the Plant Schedule Exterior and have not been broken out into a separate alternate schedule. Sheet L3.1 L3.2 was never issued as part of the Bid Documents - the only sheets issued for plantings are L3.0 and L3.1.	Benesch	Supplement #1
24	1/8/2024	Structural	00 93 19	In the Scope of Work Clarification Drawings (Gilbane Project Manual, 00 93 19), sheet S6.02 assigns the CMU to BP03A. Please confirm this "03A" tag should be replaced with "04A."	Closed	1/9/2024	GBC Response: The "03A" call out on 10/S6.02 in the Scope of Work Clarification Drawings (Gilbane Project Manual specification 00 93 19) shall be replaced with "04A."	Gilbane	Supplement #1

25	1/8/2024	Structural	00 93 19	In the Scope of Work Clarification Drawings (Gilbane Project Manual, 00 93 19), sheet A5.23 detail K7 calls out "03A" for the RIGID INSULATION THERMAL BREAK." Most or all other details like this call for BP31B to provide the rigid. Please clarify.	Closed	1/9/2024	GBC Response: The "03A" call out on K7/A5.23 in the Scope of Work Clarification Drawings (Gilbane Project Manual specification 00 93 19) shall be replaced with "32A." BP32A shall provide the vertical piece of rigid insulation (often noted as "thermal break") between the exterior SOG and the interior SOG. BP31B shall provide the vertical insulation backfilled against the foundation wall and the horizontal insulation between the exterior SOG and the foundation wall.	Gilbane	Supplement #1
26	1/8/2024	Structural	S6.02	The thickened slab detail 7/S6.02 shows (2) #4 w/ alternate bends coming out of the SOG haunch for CMU. There is a note that gives the option for drilling and epoxying these dowels. Does the option for drilling and epoxy also apply to 10/S6.02, which is also a thickened slab detail?	Closed	1/11/2024	MHAI: Yes, the option is applicable to 10/S6.02. Refer to S6.02 Addendum 1 for clarity on the required drill depth for detail 10. Additionally, the titles of both details have been revised to account for the specific areas each detail applies. Please note, (1)#4 reinforcement dowel is required within detail 7; the intent was to illustrate an alternating leg if the bar is cast. The detail has been revised for clarity purposes within the aforementioned Addendum. GBC Response: All bars at haunched slabs for CMU will be drill and epoxy by BP 04A per Supplement #1.	MHAI	Supplement #1
27	1/9/2024	Structural & Misc.		Please confirm you are looking for two separate packages for structural steel and miscellaneous metals. BP05A states prequalification classification as "IRON: STRUCTURAL & MISCELLANEOUS".	Closed	1/9/2024	GBC Response: Confirmed the 05A Structural Steel and 05B Miscellaneous Metals packages are two different packages. DAS prequalification is required for the 05A Structural Steel package, but not required for the 05B Misc. Metals package.	Gilbane	Supplement #1
28	1/9/2024	Structural & Misc.		Per 002113 please confirm that M/WBE and SBE percents are goals only and not requirements – the BP05A package seems to indicate that the disenfranchised vendors are a requirement	Closed	1/9/2024	GBC Response: Each package has a goal of 25% SBE and 6.25% MBE participation. Packages indicated as "Set Aside" are eligible for bidding by certified "Small Business Enterprises" or "Minority Business Enterprises" pursuant to section 4a-60g of the Connecticut General Statutes. The 05B Misc. Metals package is designated as a Set Aside package.	Gilbane	Supplement #1
29	1/9/2024	Structural	05 12 00	Per Spec Section 05 12 00 Steel Framing, both the fabricator and the erector are required to be AISC certified. Please confirm both the fabricator and erector AISC Certifications are required for this project.	Open			MHAI	
30	1/9/2024	Envelope	07 62 00	The specifications (07 62 00) call out 16 OZ ZT for counter flashings at the roof level. However, it raises a concern about potential use at curb and RTU (Roof-Top Unit) flashings, where the units are likely to be made of aluminum. Using this product may result in dissimilar metals meeting at these locations, which could lead to compatibility issues. It is advisable to replace all unit flashings with 040 aluminum.	Open			Tecton	
31	1/9/2024	Envelope		The parapet sheathing and blocking is shown to be fire rated. Adhering parapet flashing directly to FR lumber is not recommended because the chemicals in the wood can compromise the adhesive bond, leading to failure over time (not covered under warranty). To ensure proper adherence of flashings, it is advisable to replace all roof-level blocking with PT (pressure-treated) materials. See also RFI #016.	Closed	1/11/2024	TA: All exterior wood blocking and plywood sheathing under / behind the TPO roofing system shall be PT (Pressure-treated).	Tecton	Supplement #1
32	1/9/2024	Envelope		Please provide locations where we are to install insulation in the deck (provided by others)?	Closed	1/10/2024	GBC Response: Acoustical roof deck insulation will be furnished by BP 05A. Per BP 07A Specific Scope of Work item #21, Roofing will install insulation at acoustical deck. Reference deck type D3.5A on S1.02B and S1.03AB for locations.	Gilbane	Supplement #1
33	1/9/2024	Envelope		BP07A specific scope item #8 asks for break metal that is not shown. How should one quantify an item if it is not shown? If it is not shown shall it be assumed that it is not there? If it is required please specify a needed QTY to provide to others.	Closed	1/9/2024	GBC Response: Reference details E12/A5.20, F12/A5.21, E11/A5.23, and E9/A5.24. Condition occurs at metal panels, kalwall, curtainwall, and fiber cement panel locations.	Gilbane	Supplement #1
34	1/9/2024	Civil	L3.0	Reference drawing L3.0, should the 8 BJ (Whitebarked Himalayan Birch) plantings immediately North of the K-5 Playground be part of Alternate #12? They are currently listed as part of Alternate #10.	Closed	1/11/2024	Benesch Response: Addendum #1 indicates that the (8) BJ Whitebarked Himalayan Birch are part of Add Alternate #10 and are to remain there.	Benesch	Supplement #1
35	1/9/2024	Structural	03 30 00	Note specification section 03 30 00 section 3.10-D.2d states that the gymnasium is to have flatness FF 45 and levelness FL 35 with minimum local values of flatness FF 30 and levelness FL 24. In review of the basis of design gym flooring Tarkett Sports Indoor; Polyturf Plus Pad and Pour 9+2 the product specifications state the floor tolerances should be flatness FF 50 and levelness FL 30 min. Please advise if the flatness value for the gym should be revised to FF 50.	Open			Tecton	
36	1/9/2024	MEPS	23 09 93, M0.10, E0.10	HVAC Controls sequence of operations specification section 230993-section 1.39 & 1.40 makes reference to controls interface required throughout the geothermal field. Drawings M0.10 & E0.10 do not show conduit pathways or wiring requirements for this work. Please review and revise the site plans accordingly.	Closed	1/11/2024	KR: The sections referenced include references to building equipment and system balancing. I.e. Main geothermal pumps (P-1 & P-2), loop temperature, pressure, and flow sensors, Etc. which are indicated on detail 9/M0.02. Control wiring for the geothermal vault sump pump shall be installed in conduit and follow a similar path as electrical power conduit serving the geothermal vault. See also geothermal vault detail incorporated in Addendum #1 for additional information and system components.	Kohler Ronan	Supplement #1

37	1/9/2024	Civil	M0.10	Please provide details for the geothermal vault and manifold assembly, reference M0.10	Closed	1/11/2024	KR: Detail will be issued in forthcoming addendum #1 for clarification.	Kohler Ronan	Supplement #1
38	1/10/2024	Envelope		Which trade contractor is responsible for receiving, storing, and covering the acoustical deck insulation?	Closed	1/10/2024	GBC Response: BP 05A shall protect and store until BP 07A mobilizes to site. Once BP 07A is on site, BP 07A will receive, store, and protect the acoustical deck insulation.	Gilbane	Supplement #1
39	1/10/2024	Envelope		There are no curb details for roof mounted equipment for this project. Could you please provide a detail showing the extent of the wood blocking at all roof mounted equipment?	Open				
40	1/9/2024	Architectural	13 34 23	Bid Package 10A Specific Items Note 24 indicates General Trades in addition to the structure, is to include footings, frost walls, and slab on grade. Specification 133423 2.03 F indicates no floor structure for direct placement on slab while 3.02 B specifically indicates for the structure to be set on asphalt or crushed stone. Please advise on the following: a. Please confirm material structure is to be set on. b. If to be concrete, the pad seams to only appear on the Site drawings and no other details are provided. Please provide details of footings, walls, and slab. c. As there are already two other bid packages for concrete and concrete specification is assigned to those packages and not General Trades, kindly consider reassigning this concrete work to one of those packages as they will already be onsite performing concrete work.	Open		a. Benesch to respond b. Benesch to respond c. Gilbane to address pending response to part a and b	Benesch	
41	1/9/2024	Architectural	13 34 23	The Barn Yard Traditional Cape, and equivalent models from other specified manufacturers, is not available with sectional doors on the long wall. Also, in order for this model to be floorless, a 6x6 PT frame around the entire perimeter is required and all doors are set on top of this frame, creating a stepover (these can not be removed after installation as the doors would remain +/-6" off the ground). Specification also mentions a single door where indicated on drawing, no drawing found in documents. Based on the location for this structure on the site plan the doors will need to be on the long wall, which will likely require a different model to be specified. Please clarify specification and provide a drawing for manufacturers to quote for this structure.	Open			Benesch	
42	-	-	-	Not Used.	Closed	-	-	-	-
43	1/10/2024	Envelope	A2.20 & A5.13	The typical roof details B3 on A2.20 mentions 3 layers of ISO but detail H6 on A5.13 says 4 layers of ISO. Please clarify the minimum R-value.	Open				
44	1/10/2024	Architectural		ABG3-94 is not a valid Mockett part number and they do not offer a grommet that meets all criteria, nor do Richelieu or Rockler, who are specified as acceptable alternates. Please offer more options for the required grommets for cable passage through countertops.	Open				
45	1/10/2024	Architectural		Are dust panels required above casework? If so, do they reach the ceiling or is there a specific height they should slope to?	Open				
46	1/10/2024	Architectural	A7.71	Regarding the Admin. Counter shown on D7/A7.71, what are the finishes on the opposite side of the desk that is not shown?	Open				
47	1/10/2024	Architectural	A6.59	Please confirm that the note for "PC-2" on the Media Office Circulation Desk at M36.3 (K3/A6.59) is a typo and should read "PL-2". If not, please provide details for the PC-2 finish.	Open				
48	1/10/2024	Architectural	A6.59	Regarding the Media Office Circulation Desk at M36.3 (K3/A6.59), what are the finishes on the opposite side of the desk that is not shown?	Open				
49	1/10/2024	Architectural	A6.59	What is on the wall at the 9 ft. mark in elevation H5/A6.59?	Open				
50	1/10/2024	Envelope		Please also verify if a vapor barrier and/or substrate board is to be installed throughout the membrane roof area.	Open				
51	1/10/2024	Architectural		Please confirm quantity of required Emergency Key Cabinets. Specification 104116 calls for two but, General Trades Specific Scope of Work 14 seems to indicate only 1.	Open				
52	1/10/2024	Architectural	10 44 00	There is a specification 104400 for Fire Extinguishers and Cabinets however, the drawings nor specifications identify locations or quantities. Please advise if any are required.	Open				
53	1/10/2024	Architectural	10 12 00	There is a specification 101200 for Display Cases however, the drawings only appear to show custom and specifications does not indicate quantities or sizes. Please advise if any are required.	Open				
54	1/10/2024	Architectural		There are multiple rooms (i.e. Guidance, Principal, K-5 SE, Storage, Math Coach, etc.) that show TB and/or WB but no elevations are provided. The rooms that have elevations show 4'x6' and/or 4'x8' boards. Advise on size of boards for rooms that do not have elevations.	Open				

55	1/10/2024	Architectural	Interior Elevations show areas in the corridor as having WC-1A. Both specification 101100 and Material Schedule indicate WC-1A is 48" roll. Kindly Advise on the following: a.Are WC-1A locations to only receive a single 48" band or is the WC-1A full height (Floor to Ceiling). b.Are exposed edges to receive trim or not. If so, please advise on product to be used.	Open			
56	1/10/2024	Architectural	I2.10B Room M71 indicates WB-1B,2 along with paint for wall finishes. There are no elevations of this room. Is this indicating WB-1B & WB-2 are in this room? Please advise on extents of each product.	Open			
57	1/10/2024	Architectural	I2.20B Room L03 indicates WB-1A as a wall finish. There are no elevations of this room. Kindly provide extents of WB-1A for this room.	Open			
58	1/10/2024	Architectural	The following signs are shown on A10.10 or are in specification 101400. However no locations or quantities are shown or indicated. Kindly advise on quantities and/or locations for: a.Drawing A10.10 G11, Informational Sign b.Drawing A10.10 K7, Directional Sign Type D c.Specification 101400 2.02 D, Interior Emergency Exit Maps d.Specification 101400 2.02 E, Carbon Monoxide Notice	Open			
59	1/10/2024	Architectural	Signage Schedule on Drawing A10.15 has multiple rooms listed that do not have sign tags associated with them (i.e. Dish Pit, Corridors, Vestibules, etc.) on Drawings A10.12-14. Are any signs required for these rooms?	Open			
60	1/10/2024	Architectural	Specification 101400 2.04 B.2 calls for bronze plaque. However, 2.04 C indicates aluminum. Please confirm correct material for plaque.	Open			
61	1/10/2024	Architectural	Sign Type S is drawn as having a name insert area. Name inserts are typically used for classrooms and offices. However, these signs are also shown at mechanical, storage, IDF, and similar rooms. Please confirm if the mechanical and similar rooms are to have the inserts or not.	Open			
62	1/11/2024	Envelope	Please provide an elevation and details of the exterior wall mockup so we know how much to carry.	Open			Tecton
63	1/11/2024	Architectural	Section 064023 and 064113 include requirements for FSC-certified wood products, but the wood is specified as Baltic Birch, which is not an FSC-certified product as it is imported from Russia and other Baltic countries. In 064113, there are additional requirements for sequence-matched veneers which is also not possible with Baltic Birch. Please clarify these issues.	Open			Tecton
64	1/11/2024	Architectural	Please confirm if Frasch Acoustics BRIK is an acceptable alternate for the Sound Absorbing Units in spec 09 84 36. Reference the attached substitution request form.	Open			
65	1/11/2024	MEPS	Which bid package is responsible for the installation of backboxes and conduit for the IT data outlets?	Open			
66	1/11/2024	MEPS	Please refer to drawing TN4.01 Detail 1. Is the 24 ST SMF, 24 ST MMF and 25-Pair CAT5E copper backbone in conduit or exposed on j-hooks?	Open			