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#	Reference/ Discipline	Bidder Question	Company Response
1	Arch	<p>We were asked the question, "Will all of the exterior building exposed to concrete and both sides of the CMU site wall receive water repellent? Please clarify."</p> <p>Note: The specified water repellent/ anti-graffiti product is applied as a flood-coat for water repellent, with second, lighter coat to achieve anti-graffiti properties. Please also clarify which areas are scheduled to receive the second anti-graffiti coat and is it to be applied full height?</p>	<p>Apply at CMU boundary walls, full height. Water repellent shall be applied to both sides and top of CMU boundary walls. Anti-graffiti coating shall be applied only to the exterior surfaces, full height.</p>
2	Arch	<p>Drawings: A-9.1.1, A-10.1.0, A-10.1.1, A-10.1.2</p> <p>The room finish schedule calls out for "Writable Paint" in several rooms. We cannot find any mention of this on the elevations or finish plans for those rooms. We do see magnetic marker boards shown. Has the writable paint been replaced by the marker boards? Please clarify.</p>	<p>There shall be no "Mag-Write" marker boards. Replace "Mag-Write" indicated under Reference Note 9, Sheet A-6.1.3 with Writable Paint Surface. Rooms denoted with "W-6" on Sheet A-10.1.1 (Rooms 122, 121, 120, 119, 118, 117, 115, 114, 112, 111, 110, 109) shall have writable paint surface (Surface of Writable Paint shall be level 5 finish). Rooms 101, 102, 103 and 123 shall have Back Painted Glass Boards.</p>
3	Strl	<p>Sheet S-3.7, Detail 1 shows the hold downs to be used for the sure-board locations, but all of these hold downs listed are the wrong type of hold downs for metal studs. The following approved hold downs for metal studs are listed below:</p> <ol style="list-style-type: none"> <li>1. S/HDU4</li> <li>2. S/HDU6</li> <li>3. S/HDU9</li> </ol> <p>Will any of these work in lieu of what we think is the wrong HD listed in the plans? Please advise.</p> <p>Also, what ype of hold down bolt is to be used with the hold down? (all thread with nut, simpson bolt, etc.)</p>	<p>Yes, the hold downs are S/HDU type. The hold down bolts shall be Simpson PAB bolts.</p>
4	Arch/ Civil	<p>Sheet C114, Wall Details has NOTE calling out the wrought iron fencing to receive powder coating. Sheet A-1.1.5, Detail 5, states the wrought iron framing to be painted. Please clarify if the wrought iron is to be powder coated, painted or a mixed finish as identified.</p>	<p>Provide black powder coating for all wrought iron fencing and gates.</p>

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5	Strl/ Elec	We are unable to find any details for the proposed concrete site light pole bases. Fixture Note 7 on Sheet E0.02 states "Contractor shall provide 24" DIA x 30"H (AFG) concrete pole base to mount the new pole." Please provide a detail for these concrete bases that detail the following: how deep, reinforcement, etc.	This is an item engineered by structural and presented in electrical plans. The footing is a 2'-0"Φx3'-6" concrete cylindrical caisson foundation with 2'-6" high concrete pedestal extended above the footing. The caisson shall have 4-#5 longitudinal (vertical) bar and #4 transverse (ties) @ 1'-0" maximum throughout the caisson and pedestal, 1 1/2" from top and 3" from the bottom. The #4 transverse circular ties shall 1)overlap by at least 6", and 2)terminate its end with standard hooks that engage the longitudinal bars.
6	Arch	Sheet A-3.1.1, Elevation Detail 1 is calling out for Note 7 above the windows, for Wood Composite Panels to be installed. Are the wood composite panels also to be installed under the windows? It looks to be the same pattern shown there. Can you please clarify if the area below the window is to also receive the composite panels?	Area below clerestory window is to be clad in the composite panels. Please refer to Details 5/A-4.2.1, 1/A-5.1.1, 12/A-5.2.1.
7	Arch	Sheet A-6.1.4, Elevation Detail 8 is calling out for Note 6 at the windows, for a CNC mural. This is obviously not correct, but there is something else that was intended on being pointed out. Please clarify.	Note 6 pointing to clerestory windows is incorrect. Please disregard.
8	Strl	Sheet S-2.1A is calling out for Detail 1/S-3.8 in what we think is the wrong location. These locations are not a 3-way intersection of shear. Please clarify.	Shear wall intersection at Grids 3/C and 12/C is three-way and thus Detail 1/S-3.8 remains. Shear wall at P.1/2.4 and P.1/4.1 is one-way and thus either "Detail 1/S-3.8, SIM." or Detail 2/S-3.7 apply.
9	Arch	Specification Section 10 22 26 calls out (2) types of operable partitions. OP-1 Electric Continuously Hinged Partition and OP-2 Manually Operated Paired Panel Partition. There are (3) operable partitions shown in the plan. (2) at the MPR Rooms 101/102 and 102/103 and (1) in the Training Room & Lab 127/128. Please verify which of the partitions are manual and which are electric.	The two folding walls between Rooms 101, 102, and 103, are automated partitions per Reference note 3/Sheet A-2.4.2. The single folding partition between rooms 127 and 128 is to be manually operated.

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10	Civil	<p>We received the following question from an asphalt subcontractor: "This project is referencing multiple asphalt requirements/ manuals. The information does not seem to be up to date on the latest Cal Trans specs because they are asking for AR8000 which is a very old spec. AR8000 does not exist anymore. The specification also states that this is a County project and it is referring to County specs. The County does not follow Cal Trans as they have their own mix design. Please clarify if we are to follow the Cal Trans spec requirements or the County's requirements as all of these materials have very different prices."</p> <p>Do you want the Cal Trans 2006 PG 64-10 which is the equivalent to AR8000; Superpave, which is the latest 2015 Cal Trans specs; or the County, which is PG70-10 no rap?</p>	<p>Performance Graded asphalt binder PG70-10 no rap, per Kern County standards is acceptable.</p>
11	Arch	<p>The full height interior perimeter wall has no detail provided for the perimeter attachment of the metal stud wall to concrete wall. Sheet A-4.2.1, the details show wall sections of it attaching but no detail on the attachment itself. Please provide a specific detail.</p>	<p>Refer to detail 22/A-5.2.1. Tie framing to concrete tilt-up with Hilti X-U universal powder-actuated fastener, 0.157" with 3/4" embedment at 24" o.c.</p>
12	Arch	<p>Sheet A-7.1.2, Detail 28 is calling out for angle clip for the partition bracing. It does not specify what gage and size the clip is. Please clarify.</p>	<p>Detail 8 "angle" is referring to the angle (degree orientation) of the stud bracing. There is no "angle clip".</p>
13	Strl	<p>Sheet SD-3, Detail 11 is showing some horizontal framing/ blocking at the top of the wall. Is this referencing locking? If so, what is the spacing? Please clarify.</p> <p>Also we were asked the following question regarding Detail 11 on Sheet SD-3: "Can 1 row of the Cold roll Channel be 1.5" with a clip in lieu of the strap? Just like the CRC detail 17/SD-3. Please advise."</p>	<p>The horizontal members are intended blocking at the ceiling and above ceiling where brace by the drywall is no longer available. These blocking will not apply to the interior non-bearing partition of this project. Yes, where it's applicable.</p>
14	Land	<p>Sheet L-1.2, Regarding Mulches, Item B for the 3/4" rock in non-planted areas. What depth is the mulch to be? We cannot find on the plans where it calls out for a depth. Please clarify what depth.</p>	<p>3" depth.</p>

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15	Land	Sheet L-1.2, Construction Legend, Note "C" calls out for 4" to 8" Cobble band of Hillside Cobble (DSS). Sheet L-1.4, Detail 9, Notes 2, 3 & 7. Note 2 calls out for 4" to 8" stone per legend. Notes 3 & 7 are for 2" to 4" and 1-1/2" to 3" stones per legend. These stones are not identified in the legend. Please specify what type of stone are to be used for Notes 3 & 7.	Provide stone per call out on plan legend. Omit Notes 3 and 7 on detail 9/L-1.4.
16	Land	Sheet L-1.2 is showing a solid thin dark line outlining the walk path. There are no notes called out defining what this is. The legend, Note 1, is calling out for steel edging. Is Note 1 to apply to all of these areas? Please clarify.	The walk path is concrete.
17	Arch	Sheet A-1.1.6, Detail 25, is identifying a fiberglass infill panel. There is no information regarding this specific required product. Please provide manufacture, model no., finish, specifications, etc. for the required fiberglass infill panel desired.	Fiberglass infill panel to be McNichols, Product No: F241111W4L.
18	Arch/ Mech	Specification Sections 084113 and 084413, Part 2.03 are not clear regarding the aluminum finish color. The spec calls out for various anodized colors and Kynar paint as well. The Door schedule calls out "Dark Bronze." The Curtainwall spec section 084413 calls for "215 Clear, Class I." Please clarify the Stonefront, Curtainwall, and Aluminum door finish/color.	All aluminum mullions and doors to be anodized dark bronze, as specified under Reference Notes 8, 9, 10, and 11, Sheet A-3.1.1.
19	Arch/ Mech	Specification Section 084113 Aluminum-Framed Entrance and Stonefront, and Section 084413 Part 2 - Products, indicates 'Arcadia, Inc...' Are alternate manufacturers, equal in design and performance, acceptable?	Provide as specified. Refer to Section 00440 for Substitution Listing.
20	Arch/ Mech	Specification Section 08710 Hardware, Part 1.07 Warranty. Door hardware warranty durations will be per specified hardware manufacturer. Please confirm that the specified hardware manufacturer's warranty duration is acceptable.	Warranty shall be per manufacturer's duration.

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21	Arch/ Mech	Specification Section 08800 Glazing - Part 1.04 Quality Assurance, B. "Glass Manufacturers' Usage Recommendations:" This requirement is unclear. FGMA, AAMA, GANA, etc., are nationally recognized organizations that publish written standards for 'building geometry and glass exposures.' We have not encountered instances of glass breakage due to shading or building orientation in many years of glass installations in the central CA valley. Please remove this requirement from the specifications.	Omit this part of the specifications.
22	Arch/ Mech	Specification Section 08800 Glazing, Part 1 - 1.01, Part 2, 2.01, B & Part - 3, 3.01, F: "Anti-graffiti film: For all exterior glazing..." A specific portion of the exterior glazing is above ground level and not acceptable to typical graffiti 'tags.' Please verify if this film is required on all exterior glazing.	Omit this part of the specifications.
23	Arch/ Mech	Specification Section 08800 Glazing, Part 1 - 1.05 "Warranty." Typical workmanship warranty is 1 year. This will not be extended to 5 years. Insulated glass warranty will be 10 years per manufacturer's published warranty conditions. Please advise if this is acceptable.	Warranty shall be per manufacturer's duration.
24	Arch/ Mech	Specification Section 08800 Glazing, Part 2, 2.01, C, 2. "Glass Heat Soak Tests:" This is not a typical requirement on projects of this size. Heat soak tests reduce the acceptable rate of glass breakage from 8 down to 5 per 1000. This means if more than 5 out of 1000 lites of glass break, they must remain in-place, and be photographed and evaluated by a laboratory prior to any determination that faulty glass has been installed. Additionally heat soak tests add considerable expense because this process is only done in a few East Coast and Canada locations. Please advise if this requirement may be removed from the specifications.	Omit this part of the specifications.
25	Arch/ Mech	Section 08800 Glazing, Part 2, 2.01, E, 5. "Install integral muttons (sic) in transom lite to match existing." Please clarify this requirement.	Omit this part of the specifications.

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26	Arch/ Mech	Specification Section 08800 Glazing, Part 2, 2.01, F. "Intent: Tempered glasses...standard of quality..." Tempered glass products will conform to the quality and strength of ASTM C 1036 (supersedes Federal Spec DDG-451d) and ASTM C 1048 for Condition A, Quality q3, and Kind FT (fully tempered). This is the standard quality for architectural glass installations. Please confirm this standard quality is acceptable for the project.	Standard references listed are acceptable.
27	Arch/ Mech	Specification Section 08800 Glazing, Part 2, 2.02, A. Glazing Channels and Gaskets; "... Vulcanize gasket corners..." is not a part of the recommended procedure for installation of the storefront and curtainwall systems specified. Please remove this requirement from the specifications.	Omit this part of the specifications.
28	Arch/ Mech	Sheet A-8.1.1 Door Type 'J' & 'K' are noted as Glass "insulated, tempered"; Remarks "Frameless glass door..." This frameless style door cannot be 'insulated glass.' Please note 'frameless glass doors' will be monolithic with polished edges per Details 2, 3, 13/ A-8.2.2.	Doors 'J' & 'K' shall be of tempered glass.
29	Arch/ Mech	Sheet M-0.06 (Page 8 of 39) and Sheet M-0.11 (Page 8 of 24) does not show T24 performance values for the storefront doors. Plan detail 15/ A-8.2.2 indicates non-thermally broken storefront type doors. Please indicate if "Medium Stile" non-thermal doors are acceptable per plan details/ elevations.	Storefront doors shall be non-thermally broken.
30	Elec	How will we be expected to run our conduits in the areas under the raised floor? Are we to assume EMT on strut?	EMT to distribution j-box under the raised floor and liquidtight from j-box to outlet box on the raised floor tile.
31	Strl/Certification	A structural steel sub-contractor has an L.A. City Certification vs. AISC Certification and would like to know if this can supersede AISC. Please advise.	Certification to be accepted by the local agency having jurisdiction.
32	General	Re: Spec. 15950, 1.6-A-1 identifies "Delta" as the basis of design for Building Control System. We request that "Alerton" product be an acceptable substitute product in compliance with specification section 15950.	Provide as specified. Refer to Section 00440 for Substitution Listing.

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33	Fire Alarm/ General	Re: FA 0.01 and spec. 16720 (Fire Alarm System): the fire alarm system specification describes a voice messaging fire alarm system requiring speakers. Drawing FA0.01 contains equipment list showing fire alarm system horns which differs from what is called out in the specification. Is a voice messaging fire alarm system required for this project?	No speaker nor voice annunciation device is required. Alarm system based on Horn and Strobes.
34	Strl	The metal stud hold downs shown on S-3.7 to be used for the sure-board locations are the wrong type of hold downs for metal studs. Will any of the following approved hold downs work: S/HDU4, S/HDU6, or S/HDU9?	Yes. See response of Item 13.
35	Arch	The vinyl mesh infill for the fencing on page A-1.1.3 has a spec of 4"W x 1.5"L rectangular grid pattern. McNichols is the company given to carry this product but when called they had nothing that match the spec. Please clarify.	Provide 1" square vinyl mesh for the fencing.
36	Arch	Re: Fabric wrapped ceiling baffles, A-7.1.1, Detail 21: will metal cable be allowed to attach directly to metal deck or will attachment to structural member be required?	Yes, metal cable can attach directly to metal deck. Please refer to manufacturers installation guidelines and specifications.
37	Arch	Re: Spec 075419 Section B calls for a Factory Mutual 190 rating. Factory mutual does not recognize EPS flute fill and there are no Factory Mutual rated systems using EPS flute fill. Should we provide a FM rated system that is recognized? Please clarify how to proceed.	Please see Response to Item 48 under Question Log 3.
38	Strl	The steel specifications require the fabricator/ erector to be AISC certified. Would you approve an LA City certified fabricator/ erector?	Certification to be accepted by the local agency having jurisdiction.
39	Arch	Please provide a specification and attachment detail for the 3" rigid insulation called out at perimeter walls.	Please see Response to Item 35 under Question Log 3.
40	Strl	Re: S-1.0 General Notes, Deferred Approved Items and Submittal Requirements, please clarify what items fall under deferred approval. Is this for the nelson stud welds to beams? Please clarify.	The item that is specified for deferred approval is the two hydraulic lifts for vehicle maintenance located in the garage building. Installation of the lifts not only involve the foundation construction but also arrangement of electrical and hose lines to be embedded in the foundation. Normally the lift foundation is designed by the Vendor's Specialty Engineer and thus is deemed deferred approved item.
41	Arch	Are the metal lockers to be furnished by the GC? If so, please provide specifications.	Metal lockers are to be included in bid. See Sheet A-6.1.1, Note 23.

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42	Arch	Please provide a specification for the marble thresholds in the restrooms.	Please see FT-4/A-10.1.0
43	Strl/Elec	Fixture Note 7 on E0.02 states "Contractor shall provide 24" DIA x 30" H (AFG) concrete pole bases to mount to new pole." How deep are they to be? What is the reinforcement? Please provide detail for clarification.	Refer to attached Detail 2/E1.02.
44	Civil	The AC Paving spec on C100 states to conform to the latest Cal Trans specs which would be 2015 Superpave however the AR8000 grade is the listed spec which no longer exists. Should we figure Cal Trans 2006 PG 64-10 which is equivalent to AR8000; Superpave, which is the latest 2015 Cal Trans specs, or the County spec, which is PG70-10 no rap. Please clarify.	Performance Graded asphalt binder PG70-10 no rap, per Kern County standards is acceptable.
45	Arch	Please clarify how the full height perimeter metal stud walls attach to the concrete walls.	See Response to Item 11 above.
46	Arch	Re: Window Coverings: Please clarify the note "Automated with Sensors" under Window Schedule remarks. Is this motorized with solar control sensors or does this mean motorized controlled by a wall switch? Is there 3rd party integration?	Provide motorized shades controlled by wall switches.
47	Arch	Re: Window Coverings: Some details show a recessed pocket. Is this a finished pocket to mount into or is the window covering sub to provide manufacturer aluminum pocket to mount to opening? Also, details do not show a closure piece to close off pocket. Is this required?	Recessed pockets provided (Details 12 and 18/A-5.2.1) are finished and ready for mounting of window covering. Paint 3 interior sides matte black. Closure piece is not required.
48	Arch	In Training 127/128 only small 18"x18" windows are called out to be 'automated.' All other windows are called out manual. Please clarify if all windows in these rooms are to be 'automated.'	In Rooms 127/128, Window Type "H" are to be of motorized roller shades. Window Types "F", "G", and "I" to be manually operated, as described on Sheet A-8.1.2
49	Plumbing	Sheet P2.02 shows roof drains and overflow drains 1 through 6. Sheet P0.02 fixture schedule gives no description, make, or model of these roof and overflow drains. Please clarify.	Combination Roof drains and Overflow drains shall be Zurn Model Z164.
50	Plumbing	Sheet P2.01 shows "Downspout Nozzle" at all six overflow drain termination points. No description, make, or model of these downspout nozzles. Please clarify.	Downspout Nozzle shall be Zurn Model Z199.

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51	Plumbing	Sheet P0.01, piping material specifications, Item A states "sewer, waste, and vent piping below ground: hub and spigot cast iron." Spec section 15400 plumbing, paragraph 2.2B states "sewer waste, and vent piping: hubless cast iron pipe and fitting." Please clarify which is correct.	Hubless cast iron pipes and fittings are acceptable below grade. Refer to Specification 15010.2.9 and 15400-2.2A for "Piping Corrosion Protection".
52	Arch	Re window coverings: Lobby window SF-2 does not call out for window coverings while connecting hallways call for automated shades. Can you clarify if Lobby is not to receive window coverings?	Please include automated shades on SF-2, as shown on A-2.3.1. Refer to Details 18/A-4.2.1 and 2/A-5.2.1.
53	Plumbing	Sheet P2.01 shows 62 water heaters in Rooms 134 and 135. No pressure and temperature relief valve termination is shown. Please indicate relief valve termination point.	Temperature pressure relief valve to spill over nearest floor sink.
54	General	There I no line item on 'Schedule E' for underground utilities. Please confirm that the GC is to include underground utilities in the proposal.	We assume that you are referring to SCHEDULE 'F'. Listing of underground utilities shall be included under "OTHERS" in Division 2 - SITE WORK.
55	Strl	Is 5/8" shear board acceptable in lieu of 3/4" shear board? Typically 3/4" shear board is used to achieve a desired STC rating however the plans do not seem to call out for such application.	5/8" Sure-Board is acceptable.
56	Plumbing	P2.01 shows a 2" cold water line running along gridline 12 between gridlines B and D. Sheet P3.01 detail 2 shows this to be 2.5". Please clarify line size.	Cold water pipe size shall be 2-1/2".