

**RFIs answer 12/21/2018**

**Engel & Company Responses in Red**

- Soils report:

Answer: Report will change based on the Metal Building Plan

- Deflection criteria and loading requirements for metal building along with solar: Answer : **Feature Solar Plan not now.**
- Sheet index T1.1 lists H1 and H2 – not provided:

Answer: **Sheets H-1 and H-2 are the typical accessibility details that references requirements for stairs, ramps, restrooms, etc. They will be included in the final approved building set.**

- Footing schedule on structural :

Answer: **Pending Based on Metal Building Drawing**

- Asphalt and base thickness:

Answer: **Grading Plan not by Engel & Company. See the Grading plan drawings by LAV Engineering for the asphalt and base thicknesses**

- Specs for cabinets, WI custom grade, laminated/ wood/ other, type of countertops and elevations for cabinets, interior elevations:

Answer: **Hardwood cabinet with Color Walnut top wood finished Granite counter top**

- Storefront finish (clear anodized, dark bronze anodized, painted) :

Answer: **Dark Bronze Anodize**

- Plans do not show location of House Panel, DP, or DP1 Panels.

Answer: **By Frank Cantelmi Engineering 661-324-5252**

- No Transformer location shown:

Answer: **By Frank Cantelmi Engineering 661-324-5252**

- No site electrical plans with pole locations:

Answer: **By Frank Cantelmi engineering 661-324-5252**

- Page E2.0 shows 3 - 5" secondary conduits and the one-line on page E9.0 shows 4 - 5" :

Answer: **By Frank Cantelmi Engineering 661-324-5252**

- Electrical page shows wall packs but Page A2.1 shows wall sconces on exterior elevations. :

Answer: **by Cantelmi Engineering issuing new updated plan 661-324-5252**

- Verify all weights of hvac units and evaporative coolers for metal building roof loading:

Answer: **by Cantelmi Engineering issuing new updated plan 661-324-5252**

- Verify mezzanine loading.

Answer: **Engle waiting on metal building drawing**

- please verify mezzanine concrete material/ section:

Answer: **2 1/2" Light weight Concrete deck with 9/16" Shallow Vercor Deck Pan**

- Please verify warehouse title 24 requirements:

Answer: **By Frank Cantelmi Engineering 661-324-5252**

- please verify roof panels to be classic roof 26 gauge (architecture) or 24 gauge standing seam (structural), wall panels to be 26ga. metal siding (architecture) Answer : **Roof Panel Should be 26 ga**
- please verify exterior finish and detail to be EIFS along with spec, color, vapor/ air barrier and attachments:

Answer: **1. Roof will be 24 gauge standing seam roof (for better lifespan of roof and for longevity when service is being performed on HVAC units and future solar panels)**

**2. Exterior will be an EIFS finish. Construction specs will be provided on final approval set of plans. Color to be selected by owner.**

- Please verify roof drains/ gutters at both side walls w/ EIFS and with metal wall panels:

Answer : **Roof drains & gutter are on both side walls. Gutters will run along the metal siding on the north end of the building (rear of building) and the gutter downspouts will run inside the cavity of the metal stud framing on the south end of the building (front of building) and will daylight underneath the sidewalk paving and drain into the new parking lot area in front of the building.**

- The specified glass on sheet A1.2 and A1.4 Solarban 80 is discontinued, about 10 years ago. The list attached is what is available now. Discuss this with the architect and owner. Please note that these products are very dark and in the daylight people will not be able to see in the building. We have in the past installed this type of glass at military bases in southern Nevada, never in a retail store. Please provide mechanical engineer building envelope values for glass (U-Value, Visible Light Transference, Solar Heat Gain).

Answer : **Glass spec will be revised on final approval set of plans.**

- what brand of paint is it calling for are we able to use Sherwin-Williams or Dunn-Edwards? I am not seeing it on the plan. Is this just the interior? Also I am seeing the trash enclosure does not call for paint is it being painted?

: Answer : Paint Selection fine with Sherwin Williams trash enclosure is Split face block no paint

- Landscape and irrigation requirements/ drawings? :

Answer : At this time, landscaping plans have not been prepared and/or finished. These are not by Engel & Company. Please ask owner/project contact for information regarding timeline for plans. New landscaping area is minimal as the majority of the landscaping on site is existing and will remain. New landscaping area is less than 500 sq. ft.

- Roll up door specs, pre-finish, non-insulated, motors, color? :

Answer : Roll up door accessories to be determined by owner. Please contact owner/project contact to verify door accessories.

- Metal window awning detail/ manufacturer/ spec? :

Answer : Metal window awning framing details to be provided with final approval building set. Framing will be a combination of tube steel and angle iron steel.

- Exterior wainscot to be brick or stone veneer :

Answer : MSI Rustic Gold

- Window coverings? :

Answer : Roll up shade all windows

- Acoustical ceiling spec, 2x4? :

Answer : Second Look Tile

- Drywall finishes? :

Answer : Soft knock down finish close to smooth wall

- Warehouse floor finish/ sealants requirements :

Answer : Concrete Densifier

- Handrail specs at stairs/ finishes :

Answer : Metal Hand rail with Paint by engle – Accessibility Details and requirements at handrails to be provided on final approval building plans.

There are 2 post in the back of the store near Grid line E-7 that are not labeled and 4 at grid line A-7 that are not labeled. Should I price these as the same size as all the other post? The 4 post at A-7 on the east side of the building should mirror the 4 on the south side of the building. If these spots do not get post then the beams in those areas would be FOB, because there would not be any structural steel to attach them to. Furthermore, do all the post that run along the south side of the building and the 2 on the north side of the building, run the complete height of the building? If not how tall should the post be? :

Answer : The (2) posts at the back of the store are King Post for the roll up door opening at the electrical room in the warehouse. For now we are assuming HSS6X2X3/16. Size will be finalized at final approval set of plans. The posts on the south end of the building are header supports for the bump-out steel stud framing at those locations. These posts will frame to the full height of the stud framing. Structural detailing for these posts will be provided at the final approval building set. The (2) posts on the north end of the building will frame to the underside of the ceiling joist framing at +15'-0" (they don't need to run all the way up to the purlin framing).

I also cannot find any bollards, there is a detail for them on s3.3. If there are any bollards on this project could I get a location? :

Answer : We will show locations on the final approval building set. For now, lets assume they will be on either side of the roll up doors (to avoid damage and collisions from forklifts) and at the either side of the entrance of the truck dock. (to avoid vehicular damage to dock walls). Engel will verify these locations with owner.

, there is no mention of the two coolers or any exhaust fans in the schedules but they are clearly shown on all plans. Hard to believe on plans out of Franks office, I know, but there you have it. Can you see what you can find out please.:

Answer: Updated Drawing will be issued by Frank

Do you have a copy of the soils report? You will also need a set of metal building drawings for building department submittal and coordination with structural drawings.:

Answer : Pending

RFI 1 Is there a PG&E plan that shows the location and requirements for site power (transformer pad, primary and secondary conduits, etc.) as it is not defined on the plans.

Answer : Contact Frank

RFI 2 Is there a specification for the parking lot lights listed on the Architectural plans as they are not included in the Electrical plans.

RFI 3 Is there a specification for the exterior wall sconce light fixtures as they are not included in the Electrical plans.

RFI 4 What is the number of exterior wall pack fixtures as the exterior elevation plan and electrical plan are not in agreement.

- 1) Specs on the 20' Parking Lot poles in the front of the building :

Answer : on Updated plan

- 2) PG&E Utility specs - Our price includes stubbing out of the building 10' but we would need some preliminary PG&E drawings to include the utility lines from PG&E connection to the main 800A service.:

Answer : Pending

- We haven't finalized the exterior finish specifics. The exterior sheathing type will probably be Densglass Gold. The foam cornices can be many a different size and shape. We usually leave it to the owner's to decide a shape, size and thickness. The backing at the stone veneer will probably be a 15# felt moisture/weather barrier with a metal lath backer. We will provide that detail with the final building plans.