

Livingston County Highway Garage questions and interpretations.

- A. Question: In the drawing index in the , it lists the following:
- C106, C107, C108, C109, C110. These drawings are not in the set.
 - However, the following drawings are in the set: C201, C202, C203, C204, C205, C301, C302, C303, C304.
 - Also, M200 is listed in the index, but not in the set.
 - M400 is in the set, but not listed.
 - I also had marked E301, but you addressed this in our phone conversation.

Answer: Not sure what happened here. The drawings on our web site are correct. The drawing index on title page of the drawings is correct except KED eliminated E301 between 95% review and 100% apparently. Likewise M200 was eliminated and M400 added.

So for now until we do Addendum #1 the drawings index in the specification book is incorrect., and the drawings index on title page G 101 is ok except E301 is not in the set.

- B. Cannot find the specification for the hot water pressure washer.

This does not have a spec section in the specification book, refer to Plumbing fixture schedule, Drawing sheet P-200 Air compressor likewise.

C. 5/10/2022

The following questions/clarifications have come up regarding this project:

- Can all excess spoils/topsoil be left on site? **Yes, in the adjacent field north of construction site**
- For the millings, are both placing and furnishing them by others?**The millings for the drives and parking , yes hauled, placed and compacted by LCHD or their vendors**
- What is the material for the storm sewer piping?**there will be an addendum, RCCP, PVC SDR26, Smooth interior wall N12, use SDR26 for drainage around the immediate building.**
- Are there any details for the pads/foundations/bollards for the fuel tanks? **No, this is intended to be a design build sub to your contract, so they know how to support the tank, the tank loadings etc, and they are to provide the Sealed drawing for it.**
- For the north end of the building, doesn't there need to be some pad footings and columns like the south end in order to attach the girts to? **In base bid, the columns are for wind, the base bid intent is for an expandable end wall frame. In the Alternate it would look like the south wall, all this is dependent upon how your building frame supplier shows for foundation loadings, if they load the north wall same as south wall then yes you would need to include pad footings.**
- And if there are the intermediate columns on the north wall would there be a requirement for the tie beam along column line FF?**Yes for future if the north wall is removed.**
- For the alternate for adding another bay, would it mimic the other bays with (4) overhead doors in them and the bollards associated with them? I think there needs to be a drawing showing what is to be in this alternate.(electrical, concrete, architectural, fire protection)**Yes, what we**

are really doing is adding an interior bay, so everything in the northerly bay simply moves north and we add another interior bay. Yes we will need 16 additional bollards.

8. Does the block walls sit on an 8" concrete floor, on sheet S105 there is hatching for a 5" floor? **The hatched area falls 2' inside the perimeter of the CMU walls all around. IT is optional, can be 8" all the way thru.**
9. Sheet A301 note #4, does this pertain to this project? **Addendum item, We will delete reference to Polyiso insulation and adhered membrane. Standing seam roof system is the intent.**
10. Spec 033000 item 2.1.I indicates epoxy reinforcement, is there any? **Very limited, detail 3 S-102 the nose bar along the edge of the door sills.**
11. Spec 033000 item 2.1.T indicates fiber reinforcement, is there any? **No fiber reinforcement.**
12. Are there stone bases for the slab on grade and aprons? **Not specifically noted but due to grading conditions and the site being built up it will inherently result.**
13. The apron is calling for heavier gauge wiremesh than the slab on grade, is this correct?
14. Spec 042000 mentions moisture repellent, infiltration barrier and flashings, are these from a different job? **These do not apply, there are no exterior masonry walls. Except, at the windows and the jamb head and sill closure metal, there will need to be infiltration tight assembly, as FEMA window will be mounted in the CMU wall. In the office window may be mounted in the building envelope and the gap closure completed inside.**
15. Is there a full height wall liner panel? The drawings do not show it. **Yes**
16. Importance factor for seismic called out as 2.0, is that correct? For cat IV building it is 1.5. **For seismic it may be 1.5**
17. Is there such a thing as a wall weather tightness warranty, American Buildings does not offer it. **Well they ought to what good is a leaky building. I will revise this in the addendum to be part of standard 1 year warranty.**
18. Is the workmanship warranty 5 years, American offers 1 year. **We will accept this from the contractor if building manufacturer does not offer it.**
19. The NDL weather tightness warranty would require the builder to be CICP certified, is this correct? **Not the intent, addendum will clarify, the building is to be weather tight, but we are not going to test at completion, would be futile effort with this many doors.**
20. The specs call for crimping the panels, is this correct? **Don't think this would apply to this project, but will remove by addendum and ask for manufacturer's best practice recommendation.**
21. Specs call out 12psf col and drawings call out 14psd, which are we to use? **12 psf**
22. For the alternate addition, does the new north wall need to be expandable for future addition? **NO, it will become a standard endwall and need the pad footings as noted for the south wall.**
23. Permits by the county? **Pontiac.**
24. Can we use owners electrical power? **The intent is for temporary power by the contractor. Very limited small tools could be extended from the owner initially until temporary is in place.**

D. 05/18/2022

The following questions/clarifications have come up regarding this project:

1. What code are we to design the metal building to 2012 or 2018. The specs and drawings are different? **2018**
2. What wind speed are we to design to 110 or 120mph? **120**
3. Is the roof painted, the specs say galvalume and paint? **Galvalume**
4. The roof slope in the drawings and specs re different Is it 1 to 12 or 2 to 12? **2 in 12**
5. In the metal building spec there is mention of additional steel for batting cages, is this for this project? **Sorry, this was supposed to be edited out, was for another project, will delete this reference**
6. The drawings seem to indicate a 6" inset girt condition, can we utilize 8" and 12" bypass girts? **12" girt and 8" inset yes that is fine, I knew roof purlins were 12" didn't think about wall girts being non standard as well.**
7. The documents seem to indicate a classification of an essential facility category 4, is this the desire? **No this can be category 2**

These revisions will be included in an addendum to be issued prior to bidding.

E. 05/19/2022

Please provides answers for the following:

1. Provide Plan holders List/General Contractors – KVCCI will be bidding as a Sitework Subcontractor. **We have these on our web page, www.middletonassociates.net/contractors**
2. What are the dimensions & elevations for precast water meter vault. **Detail is on drawing C302, interior minimum dimensions are 8' wide x 14' long and 5'8" high.**
3. Can excess topsoil, cut and utility spoil material be left onsite? **It is to be stockpiled north of site in adjacent to where the clay stock pile is, but out of way of the detention pond.**
4. What are the elevations of existing PVC drain tiles for backfilling purposes? **Information we have is on drawings. Do not have any additional information but nothing is extraordinarily deep, drainage grades for tying into existing storm and sanitary give indication of probable depths anticipated.**
5. Water and storm sewer trench through existing HMA pkg lot to be patched by others? **The parking lot HMA repair will be by the owner, compacted granular back fill to grade is required.**
6. Will Middleton Associates make CAD file for grading purposes available to site contractor? **We can make the cad file of what we show on the documents available.**
7. **It was noted in the pre bid meeting we will have a couple trees to remove to facilitate the storm sewer work going north to Torrance Avenue. These will be noted in a future addendum.**

F. 05/19/2022

a couple of questions on this project.

1. print calls out plastic laminate countertops and the spec calls out solid surface. which one is it? **Solid surface**
2. The spec calls out A5.4 for details on sheft and coat rods, there is no A5.4. Ignore this or what? **There are no wardrobe units so yes ignore.**

G **05/25/2022**

There is a door 107 that is shown in the drawings but not indicated in the specs, what are we to include?

Will be included in addendum #3

Set G: Mechanical Room opening 107, 3'0"x7'2" flush hollow metal.

1. ANSI F109 Entrance turn button Yale 6 pin core
2. Three (3) hinges ANSI A8111/A5111
3. Closer no hold open
4. Kick plate
5. Wall bumper