

DEFICIENCY SUMMARY REPORT

OWNER: City of La Crosse
400 La Crosse Street
La Crosse, WI 54601

DATE: 10/22/21

PROJECT: All Abilities Trane Park- Phase 1
2401 15th Street South
La Crosse, WI

PROJECT NO: 1410

This report is being generated at the specific request of the Owner.

Please note that this report has been prepared to reflect observations made during inspections throughout the course of the project construction. There are additional minor deficiencies and issues which are not documented in this report.

NOTABLE DEFICIENCIES PREVIOUSLY OBSERVED AND/OR REPORTED:

1. General
 - a. Many missing submittals. Refer to the attached submittal register to see the quantity with no "received" dates. The G.C. was to provide the submittal register, but the A/E had to do it.
 - b. Many submittals forwarded without G.C. review, or with substandard review. Multiple submitted products did not meet specification requirements, requiring rejection and resubmittal. Refer to the attached submittal register and refer to the "Status" column. Those indicating "R" were rejected. Those indicating "R&R" were required to be revised and resubmitted. Those indicating "AAN" were approved as noted, which indicates the A/E had to make corrections or add additional notes to the submittal to enable it to be approved. Those indicating "A" were approved as submitted. Please note that any red or yellow boxes in the "Status" column indicate items which were not approved and were never resubmitted.
 - c. There were multiple product substitutions performed without documentation. Submitted and approved products were not always being used.
 - d. There were multiple missing required concrete batch tickets, required inspections, and required test reports.
 - e. No updated construction schedule was provided after multiple requests from the Owner and A/E, at various points in the project.
 - f. Various fit and finish issues were documented throughout construction.
2. 11/29/18
 - a. Foundations were already insulated and backfilled prior to the date provided for ground breaking- negating the possibility of footing bearing condition and reinforcement inspection prior to concealment of the work.
 - b. Emergent bar quantities and lapping are incorrect.
 - c. Anchor bolts do not appear centered on column piers at all locations.
 - d. Foundation walls do not include anchor bolts at 32" o.c. per detail 4/S300. None were observed installed.
 - e. Unbalanced backfilling was observed at some areas.
 - f. Three subcontractors were performing work on site, with no prime contractor present.
 - g. No silt fence or construction tracking mat were observed.
3. 01/19/19
 - a. Footing cores were taken due to lack of inspections and absence of required testing.
 - b. River indicated to Olympic that it is critical that supplemental support be added at areas identified and discussed as being structurally compromised due to demolition operations.
4. 02/07/19

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- a. The existing opening at Door 107 has had jamb CMU knocked out to allow width for a bobcat bucket to fit through the opening. No supplemental structural support was added. There are now serious structural concerns for the existing building.
5. 03/27/19
- a. Outdoor pavilion storm water rough in appears complete, but is stubbed to the north face rather than the designed south face.
 - b. Significant hydraulic (or other) fluid leakage was observed from equipment, and was tracked across ETR hardscapes.
6. 04/03/19
- a. There were prior PVC pipe cutoffs which were taped over at the manhole area southeast of the building. Tape was missing, which has allowed water and sediment into the pipe. It was noted to confirm if this pipe ultimately remains, and clear/ flush it if so.
7. 05/29/19
- a. New roof decking received water damage due to no weather protection efforts. Sheathing to be replaced.
 - b. Lack of proper erosion control protection has caused rilling and washouts at the retention basin.
8. 06/12/19
- a. Roof decking was replaced, but has received water damage a second time due to improper protection. The EPDM roof has been installed and will now require removal for deck replacement again.
9. 06/21/19
- a. No batch tickets received yet for any exterior concrete placement.
 - b. CVT placement testing indicated 3.3% air entrainment (spec requires 6% +/- 1.5%)
 - i. CVT report says they notified Olympic, and it got placed anyway. Olympic never disclosed this.
10. 06/26/19
- a. Either the steel channel is at the wrong elevation or the concrete pier tops are at the wrong elevation at Grid D. Concrete and steel are misaligned by about 2" or more.
 - b. Steel channel Simpson Titen HD screws at 24" o.c. are not yet installed at proper spacing along Grid D.
 - c. Beam to column bolts with insufficient thread engagement will need bolts replaced with longer bolts.
 - d. Column anchor nuts with insufficient thread engagement to embedded anchor bolts will receive puddle weld fill mounded on top of rods to fully fill to the nut surface.
 - e. Design drawings and submitted aluminum storefront shop drawings included jamb extrusion rear closure (filler) plates to allow for foam sealant between screw blocking points. Installed systems have the P1745 plates at the screw attachments, but are missing the P4543 PVC filler plates between. Any seepage or condensation in extrusion is now exposed to wood jamb construction (weather barrier was not wrapped through openings). This also prohibits continuous foam sealant between attachment points, as foam cannot extend into the open extrusion (blocking weep path violates warranty, whereas sealing from jamb stud to filler plate is typically allowed with specific limited-expansion foam sealant).
 - f. West storefront system at Multipurpose Room 108 is in solid contact with the plywood which appears to be in direct contact with the steel header at the head condition. Installation instructions require a 1/4" minimum caulk joint at the head to allow for building or system movement. This is deemed necessary by the Architect as well- to avoid future window system damage during building differential movement. The torn weather barrier and scuffed plywood indicate the system was wedged into place already and has no room to allow any differential movement. The window system is also deformed under beam B3 and is tight to the beam. The manufacturer would not warrant this installation.
 - g. A couple horizontal to vertical mullion joints were observed out of the specified flush tolerance.
 - h. Flashing at chimney is bent away from stone, allowing for water penetration behind flashing. Interior surfaces below are already insulated and drywalled. Immediately provide temporary or permanent means to prohibit water intrusion.
 - i. Drywall hung but not taped was observed to have insufficient fastener spacing. It is assumed that the intended fastening is complete. Areas already taped and mudded were unable to be observed for fastener spacing. Confirm if drywall adhesive was used in addition to screw fastening- as no squish was observed at any studs viewed from behind. Supplemental fastening may be required at areas already taped.
 - j. Gypsum board observed on site was not the submitted or approved product. Currently installed gypsum board cannot be accepted at this time.

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- k. Provide confirmation of R21 spray foam insulation application thickness and product used. No submittal has been received for approval. Application thickness appears inconsistent. There are voids with wood showing in areas. Application was not extended on top of wall plates as designed.
11. 07/02/19
 - a. Received 06/27/19 CVT Inspection report which noted that 06/26/19 observed deficiencies were not yet addressed. The missing inspection report was requested.
 12. 08/07/19
 - a. RA again requested a copy of the missing 06/26/19 structural inspection report via email.
 13. 08/08/19
 - a. RA received CVT photos and narration from the 06/26/19 structural inspection, but with no formal report.
 - b. RA emailed Olympic requesting correction photos or subsequent inspection report clearing the items.
 14. 08/15/19
 - a. There are issues with the integrity of the drainage plane from the weather barrier back to the drip edges and flashing as installed.
 - b. The aluminum corner trims installed are not acceptable.
 15. 08/16/19
 - a. RA emailed, requesting documentation supporting correction of the structural deficiencies, noting **many** areas needing correction were now fully concealed.
 16. 08/23/19
 - a. RA emailed, requesting documentation supporting correction of the structural deficiencies, noting **most** areas needing correction were now fully concealed.
 17. 08/26/19
 - a. Floor polishing results varied, with some areas showing exposed aggregate and others just cream. Some prior damages and depressions in the new slab were not properly addressed, indicating the specified cut depth was not achieved. Most of the floor was concealed from view by protective paper and was covered with stored materials. The lack of required submittals, lack of the required coordination with the concrete placement, and lack of a required mockup have contributed to the issues.
 18. 08/29/19
 - a. The cedar ceiling installation is not in accordance with the project specification requirement for random lengths. The installation uses many full length boards and results in aligned end joints which develop a pattern throughout the installation.
 - b. The cedar ceiling scribes along the stone walls are of concern and will also require correction.
 19. 09/04/19
 - a. Pawling rigid vinyl sheet wall protection has bubbled and separated from the wall surface. Drywall installers indicated it is a design issue with providing a moisture barrier over the studs. A/E indicated it was an installation issue, with the specified (and submittal approved) moisture resistant gypsum board not having been installed. Further investigation confirmed that the gypsum board was not even the submitted brand throughout the building. Bathroom walls and ceilings were not the required Type MR either.
 20. 09/05/19
 - a. Missing weep holes at 8" o.c. at exterior metal soffits around existing building.
 - b. Need canopy c-channel end closures welded into channel (it's been noted as required since May).
 - c. Rust on interior door frames has been left untreated to advance for months since it was first observed and discussed 06/12/19.
 - d. Soil erosion deposited in drainage rock in east end of retention pond due to lack of erosion control measures.
 21. 09/11/19
 - a. RA indicated the unresolved structural deficiencies in the 06/26/19 report as rejected work in need of correction. These are life safety and building life cycle items which cannot be ignored.
 22. 09/19/19
 - a. A/E provided summary analysis of rigid sheet wall protection issue. Humidity and temperature were likely outside of manufacturer's requirements for installation and curing, based on documented weather on installation dates and no building systems in operation (which is also a manufacturer's installation requirement). Standard paper faced drywall was used rather than the specified moisture resistant gypsum board. Required panel gaps at trims were not provided per the manufacturer's installation

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instructions to allow for expansion and contraction. Insufficient application pressure was applied at failed areas (trowel marks still visible, whereas still adhered areas were properly squished). Open time of adhesive did not appear consistent, due to bonding differences observed at removed panels.

23. 09/21/19

- a. RA emailed, indicating to Olympic that the unresolved structural deficiencies may result in retainage adjustments on the current PayApp.

24. 12/12/19

- a. RA copied Olympic on an email to the City indicating there were still open structural deficiencies.
- b. The City emailed RA requesting a status update. Email excerpts are as follows:
 - i. 10/21/19, 10am was the last formally scheduled punchlist date. On 10/16/19 Olympic cancelled that, citing there was work yet to be completed.
 - ii. 11/05/19 the vinyl base and toilet partitions were still incomplete. The furnace was not yet running due to the thermostat not yet being installed.
 - iii. 11/11/19 We were told where the key was, to let ourselves in at any time. It was noted that work was still not 100% complete and final cleaning was still needed, but it should be close enough to inspect.
 - iv. We've had a couple days scheduled for our punchlist inspection in the last 3-1/2 weeks. Mike and I were planning to get out there as recently as yesterday afternoon, but that fell through again.
 - v. As a reminder, there are other open items beyond the punchlist inspection.

25. 01/10/20

- a. RA emailed Olympic and requested an update on the open structural deficiencies, noting this issue has been discussed at every progress meeting held since 07/10/19.
- b. RA cited inspection and photo evidence that the conditions have never been addressed, despite assertions by Olympic that corrections had been made prior to concealment.

26. 01/30/20

- a. RA emailed City of current observations, indicating it was not ready for a punchlist inspection.
 - i. HVAC system not yet fully functional or tested.
 - ii. Structural deficiencies still not addressed (identified 06/26/19).
 - iii. Still missing concrete batch tickets and test reports.
 - iv. Gutters are not complete
 - v. Snow guards are not installed
 - vi. Missing some electrical devices, cover plates
 - vii. Missing some plumbing access covers
 - viii. Vanities not sealed to walls
 - ix. Some very minor bubbling of the replaced FRP panels
 - x. Toilet room partition hardware is installed incorrectly (doesn't allow emergency access, and one latch can't even be engaged).
 - xi. Some wall scuffs, marring, dirt smudges, paint irregularities, etc.
 - xii. Final cleaning not yet performed (dusty)
 - xiii. Electrical wires still hanging unconnected in front of open faced electrical panel
 - xiv. Storage room door frame is missing some paint and is "torn loose" from the drywall, as if it has been significantly moved or adjusted (or maybe replaced)
 - xv. An exit sign is hanging from its wires

27. 02/13/21

- a. Toilet paper and soap dispensers not yet installed.

28. 03/06/20

- a. Architectural punchlist provided.

29. 03/10/20

- a. Mechanical, Electrical, and Plumbing punchlist provided.
- b. RA reminded Olympic that substantial completion cannot occur without the structural deficiencies documented as corrected.

30. 05/04/20

- a. Olympic indicated punchlist completion.

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31. 05/05/20

- a. The following observations were made by RA regarding the “exterior” category of the punchlist:
 - i. PVC piping was cut off at Downspout at Col B2. A two piece downspout was installed, with the joint at the worst possible location... eye level.
 - ii. Missing snow guards do appear to have been added.
 - iii. Door operator control actuator buttons and key control boxes were not recessed yet. No work was observed performed.
 - iv. Column bases were grouted, but grout material and residue are on the painted column base plates. It was also performed with vertical edges, not the indicated typical taper.
 - v. Picnic structure soffit light repair appears to have been completed. It should be noted that the lights were on and ineffective, due to the ambient natural light levels. There was no reason for them to be on at that time. Daylight sensor adjustments are necessary.
 - vi. The gutters were still not properly attached and leveled. This is typical at all sides of the building. It is almost comical how the downspouts are uphill from the low points of the gutters. At the existing building chimney, the gutter appears to pitch back to the side of the chimney- which could be inviting water leaks into the building.
 - vii. The noted leaking gutter may actually come close to overtopping itself in the center before the water level would even reach the downspout opening, located significantly uphill. The siding staining caused by the leak in this area also was not yet cleaned.
 - viii. The mismatched color corner trims were also not yet finished the correct color.
- b. Interior was not accessed to confirm punchlist corrections for the interior items.
- c. Olympic was asked to recall that there is also missing compaction reporting, concrete batch tickets, and concrete testing results for all exterior concrete, including the shelter area.
- d. Please also note that we still cannot yet complete a Compliance Statement, due to the unresolved open structural deficiencies reported by CVT’s inspection reports, dating back to early June of last year. This Compliance Statement would need to be filed before the building can be occupied. We can complete one at any time, but would currently need to note the building’s recorded structural deficiencies, which will raise a red flag and possibly prohibit occupancy of the building.

32. 05/08/20

- a. City did a walk-through.
 - i. 1 soffit light in the open shelter doesn’t work & the others are on during daylight, I think because the photocell is missing a part (see pic).
 - ii. The open shelter downspout actually has sort of a sharp edge at the joint so we think that necessitates it being redone per Jeff’s instructions more so than just aesthetics.
 - iii. In the building lobby, a receptacle rough in still needs a cover. A plastic one is there but not attached because it doesn’t fit.
 - iv. The base trim corner pieces don’t match anything so those need to at least be painted.
 - v. There’s also both scratches & glue residue on the ceiling & although it’s not glaringly noticeable, we’d like at least an attempt be made to gently scrape off the glue.
 - vi. Also aren’t the lobby lights activated by a motion sensor? If yes then it may not be working (maybe a photocell overrides it during daylight?)
 - vii. The door pushbutton inside the ladies room doesn’t work & it looks like somebody has attempted to fix it since the door opener housing is off & laying on the floor.

33. 06/15/20

- a. City indicated to give Olympic to the end of the month to correct issues, or issues will be corrected by others and deducted from the final payment.

34. 06/15/20

- a. An email was sent from the City to Olympic. Below are excerpts.
 - i. We are now more than 6 months past the completion deadline for this project & although some of the “punchlist” items have been done, others are not & in addition we have some long-lingering missing documents. We really need to see some movement on finalizing this project in the next couple of weeks or we will have to consider implementing our liquidated damages clause in your contract. This isn’t a complete list but here are some of the things we want resolved this month:

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1. Provide compaction test results, concrete batch tickets & concrete testing results to RA. If you cannot produce these then please notify us so we can determine an alternative course of action.
 2. Address the deficiencies listed in the welding report (attached).
 3. Repair soffit light in open shelter that doesn't work. If the photocell has a sensitivity setting then adjust it so lights aren't on during daylight hours.
 4. Adjust gutters to eliminate sags
 5. Clean wall staining from leaking gutter (on N. side)
 6. Paint metal corner trim piece to match other metal trim (NE corner?)
 7. Secure open shelter downspout to either bottom PVC drain stub or to open shelter column (downspout is currently free-hanging)
 - ii. I believe we are willing to allow the door pushbuttons to remain as-is (not flush with walls) but we will want a credit off their cost. If any of these cannot be resolved by you then let's I.D. them asap so we can meet to discuss alternatives.
35. 07/09/20
- a. An email was sent from RA to Olympic to document the concrete testing reports which are still missing. Below are excerpts.
 - i. The comments on the rejected report clearly indicate what is missing and what is incorrect. We don't understand how Olympic can repeatedly keep asking what is missing, when we have outlined it in numerous emails, phone conversations, and progress meetings.
 - ii. The 06/21/19 placement showed only 2 yards of concrete, which only contained 3.3% air entrainment (6.0% was specified and 4.5% would be the absolute allowable minimum) and had a slump of 2.75" (4.0" was specified).
 - iii. We are not recommending acceptance based upon the improper thickness (2.0 yards would equal less than 3.8" overall average thickness where 5" was specified), unacceptable low air content, and slump.
 - iv. There is still zero documentation for the +/-870 square feet exterior concrete placement at the picnic shelter and the slab under the east entry canopy. There are no batch tickets for this 13.5+ yards of concrete. There are no testing reports. To date Olympic has not been able to even document what day(s) this was placed. I can say that this concrete was not present in my 06/12/19 photos, but does appear in my 06/26/19 photos. That is the date range to search to find the east exterior concrete batch tickets and testing reports. If it was placed the same day as the west exterior concrete it may suffer from the same issues as the west side concrete, also making it unacceptable.
36. 07/29/20
- a. An email was sent from the City to Olympic inquiring when the remaining punchlist items would be completed.
37. 08/04/20
- a. An email was sent from the City to Olympic. Below is an excerpt.
 - i. The bad news is there has been very little progress on your punchlist items & it's gotten beyond ridiculous so we will be considering either liquidated damages or declaring you in default on your contract. You are almost 1 full year past your completion deadline.
38. 09/14/20
- a. An email was sent from RA to Olympic to document the open structural deficiencies once more. Below are excerpts.
 - i. River Architects has discussed the open deficiency list with Olympic Builders for over fourteen and a half months now. The report speaks for itself with regards to describing the deficiencies. We will not be providing analysis of the installed conditions or evaluating acceptance options for the installed work. We have already incurred extensive unreimbursed time and effort into this situation, and will not continue to do so.
 - ii. Our current understanding of the status is as follows:
 1. The City Building Inspection Department will not sign off on the building.
 2. The City has provided multiple opportunities for Olympic to address or document corrections of the structural deficiencies, without resolution.

3. The City has obtained a scope of services and fee proposal for deconstructive investigation to allow for observation and confirmation of the structural deficiencies indicated in the reports, as well as for analysis and design of any necessary corrections.
4. The City will contract separately for any necessary corrections, as well as repairs to areas demolished for structural inspection.
5. To our knowledge, the City has not yet authorized or executed anything with regards to the structural investigation.

39. 09/14/20

- a. City accepted RA proposal for deconstructive investigation and documentation of the outstanding structural deficiencies.

40. 09/28/20

- a. The Structural Engineer and RA inspected the site.

41. 09/29/20

- a. Multiple emails were sent from RA to the City to document the open structural deficiencies and missing insulation. Below are excerpts.
 - i. The five areas opened up for view resulted in confirmation of the need for structural corrections at each. Three of the five areas opened to view were areas not previously identified as deficient in CVT's inspection reports, but were suspected of having similar noncompliance.
 - ii. Previously noted significant drafts are due to omissions of interior vapor barrier. Areas currently accessible to view via the structural investigation demo do not have the designed spray foam (or any insulation) installed. Prior construction photos indicate that all areas were concealed in the same date range, and most likely do not have it either. The planned R28.5 wall insulation shown in the attached detail is likely only R7.5 as installed, which is unacceptable and fails to meet the minimum code requirements.
 - iii. The remaining retainage balance may or may not be sufficient to address all noted structural and building envelope deficiencies- as the expected expenses can only continue to rise with further investigation. Please provide guidance on how you would like to address the newly discovered building envelope issues.

42. 10/01/20

- a. The formal inspection report and correction requirements were issued.

43. 10/05/20

- a. An email was sent from the City to Olympic. Below is an excerpt.
 - i. See attached list of beam repairs & need for additional insulation that was discovered when inspecting the beams. Please provide us with an expected completion date for these repairs asap, and of course all repairs should be inspected & documented. You should also repair the masonry & drywall demolition we had to do in order to inspect the beams. Let me know if you need any additional info or have any Q's.

44. 10/06/20

- a. Multiple emails were sent from RA to Olympic to document the open structural deficiencies and missing insulation. Below are excerpts.
 - i. You may want to visit the site and confirm the amount of demolition yet required prior to just scheduling Modern. You may also want to get a better understanding of just how much area will need to be deconstructed to apply the missing closed cell spray foam insulation- as that will be the much larger task of the two.
 - ii. Your submitted product does not appear to demonstrate ASTM C1029 Type II compliance. It falls short of the specified thermal resistance, compressive strength, permeance, water absorption, etc. It does not even appear to indicate that it is a closed cell product, which is likely why it fails to meet the majority of the ASTM C1029 Type II requirements.
 - iii. With your next product submittal please also provide information regarding the installer qualifications, as well as the proposed access and placement plan. You have not demonstrated an understanding of the work involved or the area in which the application is needed. This is not just simple patchwork at the steel repair areas.

45. 10/26/20

- a. Emails were exchanged between RA and Olympic. Below are excerpts.

- i. Do you want the exterior panels and sheathing removed then spray foam added. Or can all the interior drywall be removed and then spray foamed. Need some direction on what you are specifically requiring. Fowler has opened locations already. Making it available for modern to add the shims and welds. But do you need to access both sides of beams to add welds? Please advise on actions that should be taken.
 1. If you carefully read the recent correction report you'll see that only one side needs to be accessed for the structural corrections. Only 1 of the 5 get a shim added. The other 4 get straps down the wall.
 2. We do not know the extent of the missing spray foam and do not know the source of the significant envelope air infiltration. There should not be a breeze blowing in through the current structural investigation areas. The attic should be within the sealed envelope.
 3. As was stated, Olympic must investigate and document the deficiencies while proposing a plan for correction. What we require is what is shown in the original bid drawings. The proposed corrections are to be your proposed corrections.
 4. Please find the source of the air infiltration and please document all areas missing the spray foam.
- ii. As far as missing spray foam. I assume a man's word means nothing anymore. As we talked multiple times that as long as the batt insulation meets or exceeded the R values then it was acceptable by you Jeff. But now other issues have come up I see that we no longer agree on the R value or the insulation used and agreed upon verbally. We can spray foam everywhere and a close to 100 year old roof structure will have drafts. Talking with Jeff from E&B we would need to maintain an exterior temp of 40° if we are to attempt to do anything outside. If we encapsulate the 2 beams in the 16' openings with spray foam from the inside, would that be an acceptable solution for River Architects? Modern will be onsite Wednesday to add shims and weld. And add the required anchors. Please advise if this option is acceptable
 1. There are areas indicated to have received spray foam insulation where there appears to be zero insulation of any type currently installed. These areas, viewed from the structural inspection holes, are the primary areas of concern. With these areas potentially not properly addressed, we do not know what else has or has not properly received insulation. Our observations were made from the tiny gaps between the header flange and the wood joist blocking, so our inspection window was very limited. If there is batt insulation already installed in areas where spray foam insulation was to be installed, please let us know so that this may be evaluated. This is not reflected in your current as-builts- so we are to assume that we should have been seeing some spray foam insulation through these limited viewing windows.
 2. The 100 year old roof structure should have received new roofing underlayment on top of the new nail base panels which should have been lapped with the building wrap behind the fiber cement fascias. This should have essentially encapsulated that old roofing system within the building envelope. We understand the existing building CMU walls have no vapor barrier and there may be inherent gaps in the original construction. We do not expect a 100% air tight building, but we also shouldn't have a lit match blowing out above the windows. If air infiltration points can be easily identified and corrected, let's take care of it.
 3. We also do not need to "encapsulate" the beams over the 16 foot openings. We just need insulation at the exterior surfaces of the construction as depicted at 3/A500. We've asked for a correction plan, because we do not know what product is planned, or what equipment is intended to be used for application. We anticipate that access holes may need to be drilled in the beam webs and/or joist blocking to reach this area. We feel all work should be able to be performed from inside the building. We'd need to know the proposed size and spacing of holes necessary for your installer to achieve a uniform application, and we'd need to confirm the hole size and spacing through the beam web is acceptable to the structural engineer.

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46. 11/04/20
 - a. Olympic indicated that the exterior had been opened up, and they were preparing to add the missing insulation (spray foam) Saturday 11/07/20.
47. 11/10/20
 - a. Olympic indicated that the insulation was installed and they were planning to have things patched and painted by 11/13/20.
48. 11/19/20
 - a. Jim Flottmeyer provided pictures to show that the door key switches were installed but never wired.
49. 11/30/20
 - a. City emailed they had been to the site 11/16/20 and observed that the interior drywall was not yet patched.
50. 11/20/20
 - a. Mike Swinghamer reminded Olympic that they had not provided photos of the corrections as discussed. At the time of Mike's inspection on site, the removed construction had already been reinstalled. A visual confirmation of the insulation installation was not possible.
 - i. Olympic forwarded four photos to Mike showing spray foam added at the exterior side of the construction on the west side of the building. There were no photos provided to document the east side of the building.
51. 12/02/20
 - a. Olympic acknowledged that interior painting still needed to be completed, and they were hoping to have the painting completed by 12/05/20.
 - b. Olympic indicated that their sub reported that the door key switch issues had been corrected.
52. 01/11/21
 - a. Lien notice received by City from Ledegar Roofing for Olympic's failure to pay their sub.
53. 03/23/21
 - a. RA appears to have no further emails confirming completion of the painting or confirmation of the correction of the door issues. The four Olympic provided photos of the insulation show that work was performed, but they do not document the work at all areas or show that the construction was properly restored after the reperformance of the work.
54. 04/12/21
 - a. Lien notice received by City from Olympic to clear the Ledegar lien.
55. 05/03/21
 - a. City indicated to Olympic an intent to make a final payment and close out Phase 1.

Report by: Jeff Treder, Construction Administrator, River Architects, Inc.
j.treder@river-architects.com

Submitted: 10/22/21

Email Distribution:

Jim Flottmeyer, Project Specialist, City of La Crosse
Robert Haines, City Engineer, City of La Crosse
Mike Swinghamer, Architect, River Architects, Inc.

Submittal Register

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XT#	Item	Para	Description	Type	Reviewer	Rcvd.	To SPC	Fr SPC	To GC	Status	
Section 03 30 00 CIP Concrete											
	1	03 30 00	1.4.A	Concrete Materials	Product Data					W	
	2	03 30 00	1.4.A	Form-Facing Materials	Product Data					W	
	3	03 30 00	1.4.A	Steel Reinforcement & Acc.	Product Data	JAT/PEK	11/06/18	11/07/18	11/08/19	11/08/18	AAN
	4	03 30 00	1.4.A	15 mil Under Slab Vapor Barrier	Product Data	JAT	04/01/19	n/a	n/a	04/05/19	A
	5	03 30 00	1.4.A	Curing Methods and Materials	Product Data	JAT	04/30/19	n/a	n/a	05/01/19	A
	6	03 30 00	1.4.A	Expansion Joints & Filler Strips	Product Data	JAT	04/01/19	n/a	n/a	04/05/19	R
	6.1	03 30 00	1.4.A	Exp. Joints & Filler Strips- Resubmittal	Product Data	JAT	04/11/19	n/a	n/a	05/01/19	A
	7	03 30 00	1.4.A	Bonding Agent	Product Data	JAT	04/01/19	n/a	n/a	04/05/19	A
	8	03 30 00	1.4.B	Concrete Mix Designs- FTG & FDN	Product Data	JAT/PEK	11/06/18	11/07/18	11/08/18	11/08/18	A
	8.1	03 30 00	1.4.B	Concrete Mix Designs- SOG, EXT Walks	Product Data	JAT/PEK	04/02/19	04/03/19	04/03/19	04/05/19	A
	9	03 30 00	1.4.C	Steel Reinforcement & Acc.	Shop Drawings	JAT/PEK	11/06/18	11/07/18	11/08/18	11/08/18	AAN
	10	03 30 00	3.11.A	Cold Weather Temperature Log	Report	JAT/PEK	12/03/18	12/03/18	12/03/18	12/03/19	R
	10.1	03 30 00	3.11.A	Cold Weather Temperature Log	Report	JAT/PEK	n/a	n/a	n/a	01/16/19	A
	11	03 30 00	3.13.B	Concrete Batch Tickets FTG & FDN	Report	JAT/ PEK	12/05/18	12/05/18	12/05/18	12/27/18	A
	11.1	03 30 00	3.13.B	Concrete Batch Tickets Exposed Piers	Report	JAT	06/05/19	n/a	n/a	06/11/19	AAN
	11.2	03 30 00	3.13.B	Concrete Batch Tickets INT Slab	Report	JAT	06/05/19	n/a	n/a	06/11/19	AAN
	11.3	03 30 00	3.13.B	Concrete Batch Tickets EXT Slab East	Report	JAT					
	11.4	03 30 00	3.13.B	Concrete Batch Tickets EXT Slab West	Report						
	12	03 30 00	3.13.B	Field QC- Placement Inspection Report	Report	JAT/PEK				12/27/18	R&R
	12.1	03 30 00	3.13.B	Field QC- Placement Inspection Report	Report	JAT/PEK				01/16/19	AAN
	12.2	03 30 00	3.13.B	Field QC- Placement I.R.- Exposed Piers	Report	JAT	05/14/19	n/a	n/a	05/29/19	A
	12.3	03 30 00	3.13.B	Field QC- Placement I.R.- INT Slab	Report	JAT	05/28/19	n/a	n/a	05/29/19	A
	12.4	03 30 00	3.13.B	Field QC- Placement I.R.- EXT Slab	Report	JAT	08/08/19	n/a	n/a	09/11/19	R
	12.5	03 30 00	3.13.B	Field QC- Placement I.R.- EXT Slab	Report						
	13	03 30 00	3.13.B	Test Cyl. Results- 7 day FTG & FDN	Report	JAT	n/a	n/a	n/a	12/27/18	R&R
	13.1	03 30 00	3.13.B	Test Cyl. Results- 7 day FTG & FDN	Report	JAT/PEK	n/a	n/a	n/a	01/16/19	AAN
	13.2	03 30 00	3.13.B	Test Cyl. Results- 28 day FTG & FDN	Report	JAT/PEK	01/08/19	01/08/19	01/08/19	01/08/19	R&R
	13.3	03 30 00	3.13.B	Test Cyl. Results- 28 day FTG & FDN	Report	JAT/PEK	n/a	n/a	n/a	01/16/19	AAN
	13.4	03 30 00	3.13.B	Test Cyl. Results- 7/28 day Exposed Piers	Report	JAT	05/14/19	n/a	n/a	05/29/19	A
	13.5	03 30 00	3.13.B	Test Cyl. Results- 7 day INT Slab	Report	JAT	05/28/19	n/a	n/a	05/29/19	A
	13.6	03 30 00	3.13.B	Test Cyl. Results- 7/28 day EXT Slab	Report	JAT	08/08/19	n/a	n/a	09/11/19	R
	13.7	03 30 00	3.13.B	Test Cyl. Results- 7/28 day EXT Slab	Report						
	13.7	03 30 00	3.13.B	Test Cyl. Results- 28 day INT Slab	Report	JAT	06/10/19	n/a	n/a	06/11/19	A
	14	03 30 00	3.13.B	Field QC- Slump, Air Entrainment, Temp.	Report	JAT	n/a	n/a	n/a	12/27/18	R&R

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	14.1	03 30 00	3.13.B	Field QC- Slump, Air Entrainment, Temp.	Report	JAT/PEK	n/a	n/a	n/a	01/16/19	AAN
	14.2	03 30 00	3.13.B	Field QC- Slump, Air, Temp.- Exposed Piers	Report	JAT	05/14/19	n/a	n/a	05/29/19	A
	14.3	03 30 00	3.13.B	Field QC- Slump, Air, Temp.- INT Slab	Report	JAT	05/28/19	n/a	n/a	05/29/19	A
	14.4	03 30 00	3.13.B	Field QC- Slump, Air, Temp.- EXT Slab	Report						
	14.5	03 30 00	3.13.B	Field QC- Slump, Air, Temp.- EXT Slab	Report	JAT	08/08/19	n/a	n/a	09/11/19	R
	15	03 30 00	3.13.B.10	Core Test Results	Report	JAT/PEK				01/16/19	AAN

Section 03 35 36 Polished Concrete Flooring

	1	03 35 36	1.4.A	Liquid Applied Products	Product Data	JAT	06/19/19	n/a	n/a	07/12/19	AAN
	2	03 35 36	1.4.A	Patching Compound	Product Data						
	3	03 35 36	1.4.A	Grout	Product Data						
	4	03 35 36	1.4.A	Protective Cover	Product Data	JAT	06/19/19	n/a	n/a	07/12/19	AAN
	5	03 35 36	1.4.A	Polishing Equipment	Product Data	JAT	09/04/19	n/a	n/a	09/11/19	R&R
	5.1	03 35 36	1.4.A	Polishing Equipment- Revised	Product Data						
	6	03 35 36	1.4.B	Certification of Installer	Certificate	JAT	09/04/19	n/a	n/a	09/11/19	R&R
	6.1	03 35 36	1.4.B	Certification of Installer- Experience	Certificate						
	7	03 35 36	1.4.C	Field QC-Static Coefficient of Friction	Report						
	8	03 35 36	1.4.D	Maintenance Training	O&M						
	9	03 35 36	1.5.C	Mockups to verify selections	Sample						
	10	03 35 36	1.5.D	Preinstallation Conference	Report						
	11	03 35 36	3.3	Vapor Testing Results	Report						
	12	03 35 36		Color Selection	Sample	JAT	06/27/19	n/a	n/a	07/12/19	AAN

Section 03 45 00 Architectural Precast Concrete

	1	03 45 00	1.4.A	Precast Architectural Concrete Units	Product Data						W
	2	03 45 00	1.4.B	Strength & Water Absorption Tests	Report						W
	3	03 45 00	1.4.C	Precast Architectural Concrete Units	Shop Drawings	JAT	10/25/18	n/a	n/a	11/21/18	AAN
	4	03 45 00	1.4.D	Finish Samples	Sample	JAT	10/25/18	n/a	n/a	11/21/18	AAN

Section 04 20 00 Concrete Unit Masonry

	1	04 20 00	1.4.A	Concrete Masonry Units	Product Data	JAT	01/21/19	n/a	n/a	03/22/19	A
	2	04 20 00	1.4.A	Mortar & Grout	Product Data	JAT	01/21/19	n/a	n/a	03/22/19	A
	3	04 20 00	1.4.A	Masonry Anchorage & Reinforce.	Product Data	JAT	01/21/19	n/a	n/a	03/22/19	A
	4	04 20 00	1.4.A	Masonry Flashing & Drainage Acc.	Product Data	JAT	01/21/19	n/a	n/a	03/22/19	A
	5	04 20 00	1.4.B	Reinforced CMU Masonry	Shop Drawings						W
	6	04 20 00	1.4.C	Pigmented Mortar	Sample						W

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	7	04 20 00	1.4.C	Weep Holes and Vents	Sample	JAT	unknown	n/a	n/a	02/07/19	AAN
	8	04 20 00	1.4.D	Qualification Data for Testing Agency	Report						W
	9	04 20 00	1.4.E	Masonry Units	Certificates						W
	10	04 20 00	1.4.E	Cementitious Materials	Certificates						W
	11	04 20 00	1.4.E	Mortar Mix Design	Certificates	JAT	01/21/19	n/a	n/a	03/22/19	A
	12	04 20 00	1.4.E	Grout Mixes	Certificates	JAT	01/21/19	n/a	n/a	03/22/19	A
	13	04 20 00	1.4.E	Reinforcing Bars	Certificates						W
	14	04 20 00	1.4.E	Joint Reinforcement	Certificates	JAT	01/21/19	n/a	n/a	03/22/19	A
	15	04 20 00	1.4.E	Anchors, Ties, Metal Access.	Certificates	JAT	01/21/19	n/a	n/a	03/22/19	A
	16	04 20 00	1.4.F	Mix Designs	Report						W
	17	04 20 00	1.4.G	Compressive Strength	Report	JAT	01/21/19	n/a	n/a	03/22/19	A
	18	04 20 00	1.4.H	Cold/Hot Weather Procedures	Report						W
	19			Glass Block	Product Data	JAT	02/07/19	n/a	n/a	02/20/19	A

Section 04 43 00 Stone Masonry

	1	04 43 00	1.4.A	Stone product to match existing	Product Data						W
	2	04 43 00	1.4.A	Mortar & Grout	Product Data	JAT	01/21/19	n/a	n/a	03/22/19	A
	3	04 43 00	1.4.A	Flashing & Drainage Materials	Product Data	JAT	01/21/19	n/a	n/a	03/22/19	A
	4	04 43 00	1.4.A	Anchors & Attachments	Product Data	JAT	01/21/19	n/a	n/a	03/22/19	A
	5	04 43 00	1.4.A	Masonry Cleaning Materials	Product Data	JAT	05/28/19	n/a	n/a	05/29/19	AAN
	6	04 43 00	1.4.B	Mortar Samples for Initial Color Selection	Sample	JAT	01/25/19	n/a	n/a	04/05/19	AAN
	7	04 43 00	1.4.C	Mortar Samples for Color Verification	Sample						W
	8	04 43 00	1.4.C	Stone Samples for Color Verification	Sample						W

Section 05 12 00 Structural Steel Framing

	1	05 12 00	1.4.A	Shapes, Channels, Angles, Plate, Etc.	Product Data						W
	2	05 12 00	1.4.A	Bolts, Connectors, Anchors, Etc.	Product Data						W
	3	05 12 00	1.4.A	Primer	Product Data						
	4	05 12 00	1.4.A	Grout	Product Data	JAT	05/30/19	n/a	n/a	06/11/19	AAN
	5	05 12 00	1.4.B	Fabrication Drawings	Shop Drawings	JAT/PEK	11/19/18	12/07/18	12/07/18	12/07/18	AAN
	6	05 12 00	1.4.C	Welding Certificates- Nik's	Certificates	JAT	06/04/19	n/a	n/a	06/13/19	AAN
	6.1	05 12 00	1.4.C	Welding Certificates- Modern	Certificates	JAT	06/14/19	n/a	n/a	06/14/19	A
	7	05 12 00	2.10.D	Mill Test Reports	Report						W
	8	05 12 00	2.10.D	Source QC Reports	Report						W
	9	05 12 00	3.5.A	Field QC and Inspection Report #1	Report						
	9.1	05 12 00	3.5.A	Field QC and Inspection Report #2	Report	JAT/PEK	06/10/19	06/11/19	06/11/19	06/13/19	AAN

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	9.2	05 12 00	3.5.A	Field QC and Inspection Report #3	Report	JAT	07/02/19	08/16/19	n/a	09/11/19	R&R
	9.3	05 12 00	3.5.A	Field QC and Insp. Report #3 Revised	Report						
	10	05 12 00	3.5.A	Field QC and Inspection Report- Bolts	Report						
	11	05 12 00		Fast Cure Epoxy	Report	JAT	06/13/19	n/a	n/a	07/12/19	A

Section 05 50 00 Metal Fabrications

	1	05 50 00	1.5.A	Shop Primers	Product Data						
	2	05 50 00	1.5.A	Cementitious Products	Product Data	JAT	05/30/19	n/a	n/a	06/11/19	AAN
	3	05 50 00	1.5.B	Fabrication and Installation Details	Shop Drawings	JAT/PEK	11/19/18	12/07/18	12/07/18	12/07/18	AAN
	4	05 50 00	1.5.B	Fastener Layout Templates	Shop Drawings	JAT/PEK	11/19/18	12/07/18	12/07/18	12/07/18	AAN
	5	05 50 00	1.5.B	Structural PE Certification @ Deviations	Shop Drawings						W

Section 06 10 00 Rough Carpentry

	1	06 10 00	1.3.A	Lumber	Product Data						W
	2	06 10 00	1.3.A	Treated Lumber	Product Data						W
	3	06 10 00	1.3.A	Dimension Lumber Framing	Product Data						W
	4	06 10 00	1.3.A	Engineered Wood	Product Data						W
	5	06 10 00	1.3.A	Plywood, Miscellaneous	Product Data						W
	6	06 10 00	1.3.A	Fasteners, Anchors	Product Data						
	7	06 10 00	1.4.A	Dimension Lumber	Certificate						W

Section 06 16 00 Sheathing

	1	06 16 00	1.3.A	Engineered Wood Sheathing	Product Data						W
	2	06 16 00	1.3.A	Composite Nail Base Sheathing	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	3	06 16 00	1.3.A	Preservative Treated Lumber	Product Data						W
	4	06 16 00	1.3.A	Installation Instructions for Nail Base Shth.	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	5	06 16 00	1.3.A	Fasteners, Adhesives, Clips	Product Data						W
	6	06 16 00	1.3.B	Roof Plan	Shop Drawings	JAT	03/05/19	n/a	n/a	03/22/19	AAN

Section 06 17 53 Shop Fabricated Wood Trusses

	1	06 17 53	1.4.A	Connectors, Fasteners, Access.	Product Data	JAT/PEK	03/26/19	03/26/19	03/27/19	03/28/19	A
	2	06 17 53	1.4.B	Fabrication & Installation Details	Shop Drawings	JAT/PEK	03/26/19	03/26/19	03/27/19	03/28/19	A
	3	06 17 53	1.4.C	Delegated Design Submittal (PE)	Shop Drawings	JAT/PEK	03/26/19	03/26/19	03/27/19	03/28/19	A
	3.1	06 17 53	1.4.C	PE certification of field notch fix	Report	JAT	05/09/19	n/a	n/a	05/09/19	A
	4	06 17 53	1.5.A	Manufacturer Qualifications	Report						W
	5	06 17 53	1.5.A	Fabricator Qualifications	Report						W

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	6	06 17 53	1.6.C	Testing Agency Qualifications	Report					W
	7	06 17 53	1.5.B	Dimension Lumber	Certificate					W
	8	06 17 53	1.5.C	Wood Trusses	Certificate					W
	9	06 17 53	1.5.D	Connectors, Accessories	Report					W

Section 06 40 00 Architectural Woodwork

	1	06 40 00	1.3.A	Cabinet Hardware & Acc.	Product Data	JAT	06/04/19	n/a	n/a	06/24/19	R&R
	1.1	06 40 00	1.3.A	Cabinet Hardware & Acc.- Resubmittal	Product Data	JAT	07/01/19	n/a	n/a	07/12/19	AAN
	2	06 40 00	1.3.A	Panel Products	Product Data						W
	3	06 40 00	1.3.A	Decorative Laminate	Product Data	JAT	06/11/19	n/a	n/a	06/24/19	AAN
	4	06 40 00	1.3.A	Cedar Ceiling Products	Product Data	JAT	05/30/19	n/a	n/a	07/12/19	AAN
	5	06 40 00	1.3.B	Fabrication Drawings	Shop Drawings	JAT	06/04/19	n/a	n/a	06/24/19	R&R
	5.1	06 40 00	1.3.B	Fabrication Drawings- Resubmittal	Shop Drawings	JAT	07/01/19	n/a	n/a	07/12/19	AAN
	6	06 40 00	1.3.B	Installation Drawings	Shop Drawings	JAT	06/04/19	n/a	n/a	06/24/19	R&R
	6.1	06 40 00	1.3.B	Installation Drawings- Resubmittal	Shop Drawings	JAT	07/01/19	n/a	n/a	07/12/19	AAN
	7	06 40 00	1.3.C	Laminate, Edges for Color Selection	Sample	JAT	06/11/19	n/a	n/a	06/24/19	AAN

Section 06 61 16 Solid Surfacing

	1	06 61 16	1.3.A	Solid Surfacing Material	Product Data	JAT	06/11/19	n/a	n/a	06/24/19	AAN
	2	06 61 16	1.3.A	Seam Adhesive	Product Data						
	3	06 61 16	1.3.A	Countertops	Product Data	JAT	06/11/19	n/a	n/a	06/24/19	AAN
	4	06 61 16	1.3.A	Backsplashes	Product Data	JAT	06/11/19	n/a	n/a	06/24/19	AAN
	5	06 61 16	1.3.A	Integral Sink Bowls	Product Data	JAT	06/04/19	n/a	n/a	06/24/19	R&R
	5.1	06 61 16	1.3.A	Integral Sink Bowls- Resubmittal	Product Data	JAT	07/01/19	n/a	n/a	07/12/19	AAN
	6	06 61 16	1.3.A	Window Sills	Product Data	JAT	06/11/19	n/a	n/a	06/24/19	AAN
	7	06 61 16	1.3.A	Sealant	Product Data						
	8	06 61 16	1.3.B	Fabrication Drawings	Shop Drawings	JAT	06/04/19	n/a	n/a	06/24/19	R&R
	8.1	06 61 16	1.3.B	Fabrication Drawings- Resubmittal	Shop Drawings	JAT	07/01/19	n/a	n/a	07/12/19	AAN
	9	06 61 16	1.3.C	Maintenance Data	O&M						

Section 07 21 00 Thermal Insulation

	1	07 21 00	1.3.A	Foam-Plastic Board Insulation	Product Data						
	2	07 21 00	1.3.A	Spray Foam Insulation	Product Data	JAT	06/19/19	n/a	n/a	07/12/19	A
	3	07 21 00	1.3.A	Glass-Fiber Blanket	Product Data	JAT	07/01/19	n/a	n/a	07/12/19	A
	4	07 21 00	1.3.A	Vapor Retarders	Product Data	JAT	07/01/19	n/a	n/a	07/12/19	A
	5	07 21 00	1.3.A	Insulation Fasteners & Adhesive	Product Data						W

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	6	07 21 00	1.3.B	Test Reports	Report					W

Section 07 25 00 Weather Resistive Barriers

	1	07 25 00	1.4.A	Plastic Sheet Air Barrier	Product Data					
	2	07 25 00	1.4.A	Auxiliary Materials	Product Data					
	3	07 25 00	1.4.B	Manufacturer's Certification	Certificate					

Section 07 46 23 Tongue and Groove Wood Soffit

	1	07 46 23	1.3.A	Cedar Wood Siding	Product Data	JAT	05/30/19	n/a	n/a	07/12/19	AAN
	2	07 46 23	1.3.A	Cedar Wood Soffits	Product Data	JAT	05/30/19	n/a	n/a	07/12/19	AAN
	3	07 46 23	1.3.A	Stainless Steel Fasteners	Product Data						
	4	07 46 23	1.3.B	Siding Samples (34" long min.)	Sample	JAT	05/16/19	n/a	n/a	05/17/19	AAN
	5	07 46 23	1.3.B	Soffit Samples (34" long min.)	Sample	JAT	05/16/19	n/a	n/a	05/17/19	AAN
	6	07 46 23	1.3.C	Maintenance Data	O&M						

Section 07 46 46 Fiber-Cement Siding

	1	07 46 46	1.3.A	Fiber Cement Lap Siding	Product Data	JAT	06/24/19	n/a	n/a	07/12/19	A
	2	07 46 46	1.3.A	Fiber Cement Panel Siding	Product Data	CLR	06/25/19	n/a	n/a	07/16/19	A
	3	07 46 46	1.3.A	Fiber Cement Soffit	Product Data	JAT	06/24/19	n/a	n/a	07/12/19	AAN
	4	07 46 46	1.3.A	Fiber Cement Trim	Product Data	JAT	06/24/19	n/a	n/a	07/12/19	A
	5	07 46 46	1.3.A	Flashing, Fasteners, Accessories	Product Data						
	6	07 46 46	1.3.B	Lap Siding Sample (12" min. length)	Sample						W
	7	07 46 46	1.3.B	Trim Sample (12" min. length)	Sample						W
	8	07 46 46	1.3.B	Panel Siding/ Soffit Sample (6" x 6" min.)	Sample						W
	9	07 46 46	1.3.C	Installation Drawings	Shop Drawings						
	10	07 46 46	1.3.D	Maintenance Data	O&M						
	11	07 46 46	1.6.A	25 Year Warranty	Warranty						

Section 07 53 23 EPDM Roofing

	1	07 53 23	1.5.A	EPDM Roofing Membrane	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	2	07 53 23	1.5.A	Sheet Flashing	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	3	07 53 23	1.5.A	Polyiso Board Insulation	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	4	07 53 23	1.5.A	Air & Vapor Retarder	Product Data						W
	5	07 53 23	1.5.A	Sealers, Fillers, Flashings, Strips	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	6	07 53 23	1.5.A	Splash Blocks	Product Data						
	7	07 53 23	1.5.A	Termination Bars & Accessories	Product Data						

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	8	07 53 23	1.5.A	Bonding Adhesive	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	9	07 53 23	1.5.A	Seaming Material	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	10	07 53 23	1.5.A	Lap Sealant	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	11	07 53 23	1.5.A	Water Cutoff Mastic	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	12	07 53 23	1.5.A	Flashing Primer Material	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	13	07 53 23	1.5.A	Flashing Adhesive	Product Data						
	14	07 53 23	1.5.A	Insulation Accessories	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	15	07 53 23	1.5.B	Insulation Taper & Slope Plan	Shop Drawing	JAT	05/02/19	n/a	n/a	05/05/19	R&R
	15.1	07 53 23	1.5.B	Insul. Taper & Slope Plan- Resubmittal	Shop Drawing	JAT	05/21/19	n/a	n/a	05/24/19	AAN
	16	07 53 23	1.5.B	EPDM Seaming Plan	Shop Drawing						
	17	07 53 23	1.5.B	Flashings/ Terminations/ Penetrations	Shop Drawing						
	18	07 53 23	1.6.B	Preinstallation Conference	Report						
	19	07 53 23	1.5.C	Sample 20 yr. Warranty Form	Warranty	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	19.1	07 53 23	1.5.C	Taper Plan Base Warranty Statement	Warranty	JAT	06/05/19	n/a	n/a	06/24/19	R&R
	19.2	07 53 23	1.5.C	Taper Plan Base War. State.- Resubmittal	Warranty						
	20	07 53 23	1.9.A	Manufacturer's Signed Warranty	Warranty						
	21	07 53 23	1.5.C	Maintenance Manuals	O&M						

Section 07 61 00**Sheet Metal Roofing**

	1	07 61 13	1.4.A	Roofing Sheet Metals	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	2	07 61 13	1.4.A	Underlayment Materials	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	3	07 61 13	1.4.A	Solder	Product Data						
	4	07 61 13	1.4.A	Fasteners	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	5	07 61 13	1.4.A	Sealant Tape	Product Data						
	6	07 61 13	1.4.A	Elastomeric Sealant	Product Data						
	7	07 61 13	1.4.A	Butyl Sealant	Product Data						
	8	07 61 13	1.4.A	Bituminous Coating	Product Data						
	9	07 61 13	1.4.A	Cleats, Backing Plates, Closures, Flashing	Product Data						
	10	07 61 13	1.4.B	Fabrication Drawings	Shop Drawings						
	11	07 61 13	1.4.C	Initial Selection Samples	Samples						W
	12	07 61 13	1.5.A	Maintenance Data	O&M						
	13	07 61 13	1.5.B	Sample Warranties	Warranty						
	14	07 61 13	1.8.A	2 year Installer Warranty	Warranty						
	15	07 61 13	1.8.B	20 Year Exposed Panel Warranty	Warranty						

Section 07 62 00**Sheet Metal Flashing and Trim**

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	1	07 62 00	1.4.A	Metallic Coated Steel Sheet	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	2	07 62 00	1.4.A	Prefinished Aluminum Sheet	Product Data						
	3	07 62 00	1.4.A	Stainless Steel Sheet	Product Data						
	4	07 62 00	1.4.A	Underlayment Materials	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	5	07 62 00	1.4.A	Clips, Fasteners	Product Data						
	6	07 62 00	1.4.A	Butyl Sealant	Product Data						
	7	07 62 00	1.4.A	Sealant Tape	Product Data						
	8	07 62 00	1.4.A	Bituminous Coating	Product Data						
	9	07 62 00	1.4.A	Solder	Product Data						
	10	07 62 00	1.4.A	Metal Termination Bars	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	11	07 62 00	1.4.A	Gutters	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	12	07 62 00	1.4.A	Downspouts	Product Data	JAT	03/05/19	n/a	n/a	03/22/19	AAN
	13	07 62 00	1.4.A	Misc. Metal Flashing	Product Data						W
	14	07 62 00	1.4.B	Installation Layout Drawings	Shop Drawings						
	15	07 62 00	1.4.C	Sheet Material Samples	Samples						W
	16	07 62 00	1.4.C	Fabricated Product Samples (12" min. L.)	Samples						
	17	07 62 00	1.4.D	Maintenance Data	O&M						

Section 07 72 53 Snow Guards

	1	07 72 53	1.3.A	Rail Type Snow Guards	Product Data		03/05/19	n/a	n/a	03/22/19	A
	2	07 72 53	1.3.A	Clamps, Cross Members, Color Strips	Product Data		03/05/19	n/a	n/a	03/22/19	A
	3	07 72 53	1.3.B	Fabrication & Installation Details	Shop Drawings		03/05/19	n/a	n/a	03/22/19	A
	4	07 72 53	1.3.B	Roof Plan with Layout	Shop Drawings						
	5	07 72 53	1.3.C	Test Reports	Reports						W

Section 07 92 00 Joint Sealants

	1	07 92 00	1.4.A	Application Schedule (Systems)	Product Data						
	2	07 92 00	1.4.A	Silicone Joint Sealant	Product Data						
	3	07 92 00	1.4.A	Pourable Urethane Sealant	Product Data						
	4	07 92 00	1.4.A	Latex Joint Sealants	Product Data						
	5	07 92 00	1.4.A	Sealant Backing	Product Data						
	6	07 92 00	1.4.A	Primer, Cleaners, Solvents	Product Data						
	7	07 92 00	1.4.A	Sealant Color Charts	Sample						
	8	07 92 00	1.5.C	Mockup	Sample						W
	9	07 92 00	1.5.D	Preinstallation Conference	Report						W
	10	07 92 00	3.4.A	Field Adhesion Test Report	Report						

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	11	07 92 00	1.4.B	Maintenance Manual	O&M					
	12	07 92 00	1.6.B	2 Year Installer Warranty	Warranty					
	13	07 92 00	1.6.B	5 Year Manufacturer's Warranty	Warranty					
	14	07 92 00	1.4.B	Maint. Materials (Attic Stock)	Supply Mat.					

Section 08 11 13 Hollow Metal Doors & Frames

	1	08 11 13	1.5.A	Hollow Metal Doors	Product Data	JAT	03/26/19	n/a	n/a	04/05/19	AAN
	2	08 11 13	1.5.A	Hollow Metal Frames	Product Data	JAT	03/26/19	n/a	n/a	04/05/19	AAN
	3	08 11 13	1.5.A	Frame Anchors	Product Data	JAT	03/26/19	n/a	n/a	04/05/19	AAN
	4	08 11 13	1.5.A	Stops & Mouldings	Product Data	JAT	03/26/19	n/a	n/a	04/05/19	AAN
	5	08 11 13	1.5.A	Accessories	Product Data	JAT	03/26/19	n/a	n/a	04/05/19	AAN
	6	08 11 13	1.5.A	Finishes	Product Data	JAT	03/26/19	n/a	n/a	04/05/19	AAN
	7	08 11 13	1.5.B	Elevations, Details, Etc.	Shop Drawings	JAT	03/26/19	n/a	n/a	04/05/19	AAN
	8	08 11 13	1.5.C	Supplier's Door and Frame Schedule	Shop Drawings	JAT	03/26/19	n/a	n/a	04/05/19	AAN

Section 08 41 13 Aluminum Framed Entrances & Storefronts

	1	08 41 13	1.4.A	Framing Systems	Product Data	JAT	03/26/19	n/a	n/a	05/01/19	AAN
	1.1	08 41 13	1.4.A	Framing Systems- Supplemental info.	Product Data	JAT	04/02/19	n/a	n/a	05/01/19	AAN
	2	08 41 13	1.4.A	Entrance Door Systems	Product Data	JAT	03/26/19	n/a	n/a	05/01/19	AAN
	3	08 41 13	1.4.A	Entrance Door Hardware	Product Data	JAT	03/26/19	n/a	n/a	04/05/19	AAN
	4	08 41 13	1.4.A	Fasteners and Accessories	Product Data	JAT	06/06/19	n/a	n/a	06/24/19	AAN
	5	08 41 13	1.4.A	Bituminous Paint	Product Data						W
	6	08 41 13	1.4.A	Glazing Gaskets	Product Data	JAT	06/06/19	n/a	n/a	06/24/19	AAN
	7	08 41 13	1.4.A	Spacers and Setting Blocks	Product Data	JAT	06/06/19	n/a	n/a	06/24/19	AAN
	8	08 41 13	1.4.A	Bond-Breaker Tape	Product Data	JAT	06/06/19	n/a	n/a	06/24/19	AAN
	9	08 41 13	1.4.B	Elevations, Details, Etc.	Shop Drawings	JAT	03/26/19	n/a	n/a	05/01/19	AAN
	10	08 41 13	1.4.C	Finish Samples	Sample	JAT	06/11/19	n/a	n/a	06/14/19	AAN
	11	08 41 13	1.4.D	Maintenance Data	O&M						
	12	08 41 13	1.4.D	Sample Warranties	Warranty						
	13	08 41 13	1.7.A	2 Year Warranty	Warranty						

Section 08 71 00 Door Hardware

	1	08 71 00	1.4.A	Hardware Schedule	Shop Drawings	JAT	03/26/19	n/a	n/a	04/05/19	AAN
	2	08 71 00	1.4.B	Keying Schedule	Shop Drawings						
	3	08 71 00	1.4.C	Finish Hardware Samples	Sample						W
	4	08 71 00	1.4.D	Templates	Shop Drawings						W

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	5	08 71 00	1.4.E	Electrical Hardware Schedule	Shop Drawings	JAT	03/26/19	n/a	n/a	04/05/19	AAN
	6	08 71 00	1.4.F	Substitutions detail/samples	Product Data						W
	7	08 71 00	1.5.A	Maintenance Tools and Instructions	O&M						
	8	08 71 00	1.6.H	Preinstallation Conference	Report						
	9	08 71 00		Access Panel	Product Data	JAT	06/24/19	n/a	n/a	07/12/19	AAN

Section 08 80 00 Glazing

	1	08 80 00	1.4.A	GLT-1 Solar Control Tempered	Product Data						W
	2	08 80 00	1.4.A	GLT-2 Solar Control Tempered 100% Frit	Product Data						W
	3	08 80 00	1.4.A	Glazing Gaskets	Product Data	JAT	06/06/19	n/a	n/a	06/24/19	AAN
	4	08 80 00	1.4.A	Glazing Sealants	Product Data	JAT	06/06/19	n/a	n/a	06/24/19	AAN
	5	08 80 00	1.4.A	Glazing Tapes	Product Data	JAT	06/06/19	n/a	n/a	06/24/19	AAN
	6	08 80 00	1.4.A	Misc. Glazing Materials	Product Data						W
	7	08 80 00	1.4.B	Glass Sample	Sample	JAT	12/04/18	n/a	n/a	01/03/19	A
	8	08 80 00	1.4.C	Product Certificates for Glass	Certificate						
	9	08 80 00	1.4.D	Sample Warranty	Warranty						
	10	08 80 00	1.8.A	10 Yr Warranty - Coated Glass Products	Warranty						

Section 09 22 16 Non-Structural Metal Framing

	1	None									
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Section 09 29 00 Gypsum Board

	1	09 29 00	1.3.A	Interior Gypsum Board- Type X	Product Data	JAT	04/02/19	n/a	n/a	04/05/19	A
	2	09 29 00	1.3.A	MR Interior Gypsum Board	Product Data	JAT	04/02/19	n/a	n/a	04/05/19	A
	3	09 29 00	1.3.A	AR Interior Gypsum Board	Product Data	JAT	04/02/19	n/a	n/a	04/05/19	AAN
	4	09 29 00	1.3.A	Trim Accessories	Product Data	JAT	04/02/19	n/a	n/a	04/05/19	AAN
	5	09 29 00	1.3.A	Joint Treatment Materials	Product Data	JAT	04/02/19	n/a	n/a	04/05/19	AAN
	5.5	09 29 00	1.3.A	Joint Treatment Materials	Product Data	JAT	09/10/19	n/a	n/a	09/11/19	AAN
	6	09 29 00	1.3.A	Adhesive, Fasteners	Product Data	JAT	04/02/19	n/a	n/a	04/05/19	A
	7	09 29 00	1.3.A	Sound Attenuation Batts	Product Data	JAT	07/01/19	n/a	n/a	07/12/19	A
	8	09 29 00	1.3.A	Acoustical Sealant	Product Data						

Section 09 65 13 Resilient Base

	1	09 65 13	1.3.A	Resilient Base	Product Data	JAT	03/29/19	n/a	n/a	04/05/19	AAN
	2	09 65 13	1.3.A	Adhesives	Product Data	JAT	03/29/19	n/a	n/a	04/05/19	AAN
	3	09 65 13	1.3.B	Maintenance Data	O&M						

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Section 09 91 00		Painting									
	1	09 91 00	1.3.A	Interior Block Filler Primer	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	2	09 91 00	1.3.A	Interior Latex Primer/Sealer	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	3	09 91 00	1.3.A	Interior Latex Primer/ Stain Blocking	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	4	09 91 00	1.3.A	Interior Latex Primer/ Epoxy System	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	5	09 91 00	1.3.A	Interior Latex Flat / Institutional	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	6	09 91 00	1.3.A	Interior Epoxy Coating	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	7	09 91 00	1.3.A	Interior Latex	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	8	09 91 00	1.3.A	Interior Latex, Light Industrial Coating	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	9	09 91 00	1.3.A	Interior Wood Stain for Ceiling	Product Data						W
	10	09 91 00	1.3.A	Exterior Primer	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	11	09 91 00	1.3.A	Exterior Acrylic Paint	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	12	09 91 00	1.3.A	Exterior Epoxy Paint	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	13	09 91 00	1.3.A	Exterior Light Industrial Coating	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	14	09 91 00	1.3.A	Exterior Wood Stain	Product Data						W
	15	09 91 00	1.3.B	Sample for Selection	Sample						
	16	09 91 00	1.3.C	Verification Samples	Sample						
	17	09 91 00	1.3.D	Product List with Application Areas	Shop Drawings	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	18	09 91 00	1.3.E	Maint. Materials (Attic stock)	Supply Mat.						
Section 09 96 00		High-Performance Coatings									
	1	09 96 00	1.4.A	High Performance Coatings	Product Data	JAT	07/02/19	n/a	n/a	07/12/19	AAN
	2	09 96 00	1.4.B	Maint. Materials (Attic Stock)	Supply Mat.						
Section 10 14 00		Signage									
	1	10 14 00	1.2.A	Sign Details, Mounting, Layout, Etc.	Shop Drawings	JAT	10/24/18	n/a	n/a	11/21/18	R&R
	1.1	10 14 00	1.2.A	Sign Det., Mtg., Layout, Etc.- Resubmittal	Shop Drawings	JAT	11/27/18	n/a	n/a	03/22/19	AAN
	1.2	10 14 00	1.2.A	Sign Details- Exterior	Shop Drawings	JAT	10/24/19	n/a	n/a	11/21/18	R&R
	1.3	10 14 00	1.2.A	Sign Details- Exterior, resubmittal	Shop Drawings	JAT	03/29/19	n/a	n/a	05/01/19	R&R
	1.4	10 14 00	1.2.A	Sign Details- Exterior, resubmittal	Shop Drawings	JAT	05/13/19	n/a	n/a	05/24/19	AAN
	2	10 14 00	1.2.B	Sign Samples for Selection	Samples						W
	3	10 14 00	1.2.C	Sign Samples for Verification	Samples						W
Section 10 21 13		Toilet Compartments									
	1	10 21 13	1.3.A	Toilet Compartments	Product Data	JAT	12/18/18	n/a	n/a	12/27/18	AAN

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	2	10 21 13	1.3.A	Hardware & Accessories	Product Data	JAT	12/18/18	n/a	n/a	12/27/18	AAN
	3	10 21 13	1.3.B	Plans, Elevations, Details	Shop Drawings	JAT	12/18/18	n/a	n/a	12/27/18	AAN
	4	10 21 13	1.3.C	Color selection samples	Samples	JAT	01/10/19	n/a	n/a	02/07/19	AAN
	5	10 21 13	1.3.D	Maintenance Manual	O&M						

Section 10 26 00 Wall and Door Protection

	1	10 26 00	1.3.A	Corner Guards	Product Data	JAT	10/24/18	n/a	n/a	10/31/18	AAN
	2	10 26 00	1.3.A	Abuse Resistant Wall Coverings	Product Data	JAT	10/24/18	n/a	n/a	10/31/18	AAN
	3	10 26 00	1.3.B	Maintenance Manual	O&M						
	4	10 26 00	1.3.B	5 year Warranty	Warranty						
	5			Samples	Sample	JAT	11/09/18	n/a	n/a	02/07/19	AAN

Section 10 28 13 Toilet Accessories

	1	10 28 13	1.3.A	Grab Bars	Product Data	JAT	10/24/18	n/a	n/a	11/21/18	AAN
	2	10 28 13	1.3.A	Unit Mirrors	Product Data	JAT	10/24/18	n/a	n/a	11/21/18	AAN
	3	10 28 13	1.3.A	Hand Dryer	Product Data	CO	11/08/18	11/08/18	11/28/18	11/28/19	R
	3.1	10 28 13	1.3.A	Hand Dryer Resubmittal	Product Data	JAT	06/24/19	n/a	n/a	07/12/19	AAN
	4	10 28 13	1.3.A	Toilet Tissue Dispenser	Product Data	JAT	10/24/18	n/a	n/a	11/21/18	AAN
	5	10 28 13	1.3.A	Sanitary Napkin Disposal Unit	Product Data	JAT	10/24/18	n/a	n/a	11/21/18	AAN
	6	10 28 13	1.3.A	Diaper Changing Station	Product Data	JAT	10/24/18	n/a	n/a	11/21/18	AAN
	7	10 28 13	1.3.B	Product Schedule By Room	Shop Drawing						
	8	10 28 13	1.3.C	Operating & Maintenance Data	O&M						
	9	10 28 13	1.3.C	Warranty	Warranty						

Section 10 44 00 Fire Protection Specialties

	1	10 44 00	1.3.A	Fire Extinguishers	Product Data		10/24/18	n/a	n/a	11/21/18	A
	2	10 44 00	1.3.A	Mounting Brackets	Product Data		10/24/18	n/a	n/a	11/21/18	A
	3	10 44 00	1.3.A	Extinguisher Cabinets	Product Data		10/24/18	n/a	n/a	11/21/18	A
	4	10 44 00	1.3.A	Graphic Identification	Product Data		10/24/18	n/a	n/a	11/21/18	A
	5	10 44 00	1.3.B	Maintenance Data	O&M						

Section 12 24 13 Roller Window Shades

	1	12 24 13	1.3.A	Manual Roller Shades	Product Data	JAT	01/04/19	n/a	n/a	02/07/19	AAN
	2	12 24 13	1.3.B	Fabrication/Installation Details	Shop Drawings	JAT	01/04/19	n/a	n/a	02/07/19	AAN
	3	12 24 13	1.3.C	10 in Sample	Sample						W
	4	12 24 13	1.3.D	Maintenance Manuals	O&M						

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Section 22 14 13 Facility Storm Drainage Piping

	1	None								W
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Section 22 42 00 Commercial Plumbing Fixtures

	1	22 42 00	1.2.A	Shop Drawings Required	Shop Drawings						
	2	22 42 00	1.2.B	Commercial Plumbing Fixtures	Product Data	CO	11/06/18	11/07/18	11/28/18	11/28/18	A
	3	22 42 00	1.2.C	Manufacturer's Install Instructions	Product Data						
	4	22 42 00	1.2.D	Caulking Literature	Product Data						

Section 22 42 20 Water Heating Equipment and Accessories

	1	22 42 20	1.4.A	Shop Drawings Required	Shop Drawings						
	2	22 42 20	1.4.B	Water Heater	Product Data	CO	11/06/18	11/07/18	11/28/18	11/28/18	A
	3	22 42 20	1.4.C	Related Accessories	Product Data						

Section 23 05 00 Common Work Results for HVAC

	1	None								W
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Section 23 05 23 General Duty Valves for HVAC Piping

	1	23 05 23	1.1.A	Shop Drawings Required	Shop Drawings					
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Section 23 05 29 Hangers & Supports for HVAC Piping & Equipment

	1	None								W
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Section 23 05 53 Identification for HVAC Piping and Equipment

	1	23 05 53	1.2.	Shop Drawings Required	Shop Drawings					
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Section 23 05 92 HVAC Pipe Testing

	1	23 05 92	1.1.A	Pipe Testing Witnessed	Inspection					
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Section 23 05 93 Testing, Adjusting, and Balancing for HVAC

	1	23 05 93	1.7.A	Certified Testing Reports	Report					
	2	23 05 93	1.7.D	Certification of Testing Supervisor	Certificate					

Section 23 07 13 HVAC Duct Insulation

	1	23 07 13	1.2.A	Shop Drawings Required	Shop Drawings					
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	2	23 07 13	1.2.B	Manufacturer's literature	Product Data					

Section 23 11 23 Facility Natural Gas Piping

	1	23 11 23	1.2.A	Pressure Regulator & Special Fitting	Shop Drawings					
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Section 23 31 00 HVAC Ducts and Casings

	1	None								W	
	2			Control Dampers	Product Data	CO	10/26/18	10/26/18	10/30/18	10/26/18	A
	3			Underground Ductwork	Product Data	CO	11/06/18	11/07/18	11/28/18	11/28/18	A

Section 23 37 13 Diffusers, Registers, and Grilles

	1	23 37 13	1.2.A	Shop Drawings Required	Shop Drawings	CO	10/26/18	10/26/18	10/26/18	10/26/18	A
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Section 23 37 25 Louvers

	1	23 37 25	1.2.A	Shop Drawings Required	Shop Drawings	CO	10/26/18	10/26/18	10/26/18	10/31/18	AAN
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Section 23 54 00 Gas Fired Furnaces and Condensing Units

	1	23 54 00	1.6.B	Product Data/ Performance Data	Product Data	CO	07/02/19	07/03/19	07/15/19	07/15/19	A
	2	23 54 00	1.8.A	20 Year Warranty	Warranty						

Section 23 72 00 Air-to-Air Energy Recovery Equipment

	1	23 72 00	1.5.B	Product Data/ Performance Data	Product Data	CO	07/15/19	07/15/19	07/15/19	07/15/19	A
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Section 25 00 00 Temperature Control Systems

	1	None									W
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Section 26 05 00 Common Work Results for Electrical

	1	None									W
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Section 26 05 02 Electrical Demolition for Remodeling

	1	None									W
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Section 26 05 04 Cleaning, Inspection and Testing of Electrical Eqpt.

	1	None									W
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Section 26 05 19 Low Voltage Elect Power Conductors & Cables

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	1	None								W

Section 26 05 26 Grounding and Bonding for Electrical Systems

	1	26 05 26	1.5.A	Grounding Electrodes & Connections	Product Data	CO	11/08/19	11/08/18	11/15/19	11/20/18	A
	2	26 05 26	1.5.A	Test Reports	Report						
	3	26 05 26	1.5.C	Manufacturer's Installation Instructions	Product Data						
	4	26 05 26	1.6.A	As built locations	Shop Drawings						

Section 26 05 29 Hangers and Supports for Electrical Systems

	1	None								W
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Section 26 05 33 Raceway & Boxes For Electrical System

	1	None								W
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Section 26 05 53 Identification of Electrical Systems

	1	None								W
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Section 26 09 23 Lighting Control Devices

	1	26 09 23	1.2.A	Shop Drawings Required	Shop Drawings	JAT/CO	11/09/18	11/09/18	01/07/19	01/07/19	A
	2	26 09 23	1.2.B	Manufacturer's Literature	Product Data	JAT/CO	11/09/18	11/09/18	01/07/19	01/07/19	A

Section 26 24 16 Panelboards

	1	26 24 16	1.3.A	Equipment Details	Shop Drawings	CO	11/08/18	11/08/18	11/15/19	11/20/18	AAN
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Section 26 27 02 Equipment Wiring Systems

	1	26 27 02	1.3.A	Cord & Wiring Devices	Product Data	CO	11/08/18	11/08/18	11/28/18	11/28/19	AAN
	1.1	26 27 02	1.3.A	Hand Dryer	Product Data	CO	11/08/18	11/08/18	11/28/18	11/28/19	R
	1.2	26 27 02	1.3.A	Hand Dryer Resubmittal	Product Data	JAT	06/24/19	n/a	n/a	07/12/19	AAN
	2	26 27 02		Cove heaters & t-stat	Product Data	CO	06/13/19	06/13/19	06/13/19	06/13/19	AAN

Section 26 27 26 Wiring Devices

	1	26 27 26	1.2.A	Shop Drawings Required	Shop Drawings	CO	11/08/18	11/08/18	11/15/19	11/20/18	AAN
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Section 26 51 13 Interior Lighting Fixtures, Lamps & Ballasts

	1	26 51 13	1.3.A	Shop Drawings for Luminaries	Shop Drawings	JAT/CO	11/09/18	11/09/18	01/07/19	01/07/19	AAN
	2	26 51 13	1.3.A	Manufacturer's literature	Product Data	JAT/CO	11/09/18	11/09/18	01/07/19	01/07/19	AAN

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	2.1	26 51 13	1.3.A	Fixture DS1 Resubmittal	Product Data	JAT/CO	01/30/19	01/31/19	02/20/19	02/20/19	R
	2.2	26 51 13	1.3.A	Fixture DS1 Resubmittal	Product Data	JAT/CO	03/05/19	03/05/19	03/22/19	03/22/19	A
	3	26 51 13	2.4	Attic Stock	O&M						

Section 26 51 15 Low Voltage Lighting Controls

	1	26 51 15	1.2.B	Manufacturer's Literature	Product Data	CO	11/09/18	11/09/18	01/07/19	01/07/19	AAN
	2	26 51 15	1.2.C	Wiring Diagrams	Shop Drawings						

Section 26 60 00 Codes & Fees

	1	None									W
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Section 31 10 00 Site Clearing

	1	None									W
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Section 31 20 00 Earth Moving

	1	31 20 00	1.6.A	Soil Material	Product Data						W
	2	31 20 00	1.6.A	Geotextile Fabric	Product Data						VE
	3	31 20 00	1.6.B	Material Test Reports	Report	JAT	01/04/19	n/a	n/a	01/04/19	A
	4	31 20 00	1.6.C	Optimum Density Testing- FTG & FDN	Report	JAT	01/04/19	n/a	n/a	01/04/19	A
	5	31 20 00	1.6.C	Optimum Density Testing- Interior SOG	Report						
	6	31 20 00	1.6.C	Optimum Density Testing- Exterior SOG	Report						
	7	31 20 00	1.6.C	Optimum Density Testing- Walks	Report						
	8	31 20 00	1.6.C	Compaction Testing- FTG base	Report		none performed				W
	8.1	31 20 00	1.6.C	Compaction Testing- FTG & FDN backfill	Report	JAT	01/04/19	n/a	n/a	01/04/19	A
	8.2	31 20 00	1.6.C	Compaction Testing- Interior SOG	Report						
	8.3	31 20 00	1.6.C	Compaction Testing- Exterior SOG	Report						
	8.4	31 20 00	1.6.C	Compaction Testing- Exterior Walks	Report						

Section 31 25 00 Erosion and Sedimentation Control

	1	None									W
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Section 32 11 23 Aggregate Base Course

	1	32 11 23	1.4.A	Manufacturer's Certificate	Certificate						
	1	32 11 23	1.4.B	Aggregate Base	Product Data						
	1	32 11 23	1.4.C	Material Test Reports	Report						

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Section 32 12 16 Asphalt Paving											
	1	32 12 16	1.4.A	Asphalt Paving Materials	Product Data					VE	
	2	32 12 16	1.4.B	Design Mixes	Product Data					VE	
Section 32 13 13 Concrete Paving											
	1	32 13 13	1.4.A	Concrete	Product Data					VE	
	2	32 13 13	1.4.B	Product/ Color Selection Samples (N/A)	Sample					VE	
	3	32 13 13	1.4.C	Design Mixes	Product Data					VE	
Section 32 14 23 Flagstone Paving											
	1	32 14 23	1.2.A	Flagstone	Product Data					VE	
	2	32 14 23	1.2.A	Edge Restraints	Product Data					VE	
	3	32 14 23	1.2.A	Aggregate Setting Bed	Product Data					VE	
	4	32 14 23	1.2.B	Sample of Flagstone	Sample					VE	
Section 32 17 23 Pavement Markings											
	1	32 17 23	1.4.A	Pavement Marking Paint	Product Data					VE	
Section 32 92 00 Turf and Grasses											
	1	32 92 00	1.4.A	Pesticides & Herbicides	Product Data					VE	
	2	32 92 00	1.4.B	Grass Seed Certification	Certificate					VE	
	3	32 92 00	1.4.B	Turfgrass Sod Certification	Certificate					VE	
	3	32 92 00	1.4.C	Landscape Installer Qualifications	Certificate					VE	
	4	32 92 00	1.4.D	Soil Amendments & Fertilizer Certificates	Certificate					VE	
	5	32 92 00	1.4.E	Topsoil Test Report	Report					VE	
	6	32 92 00	1.4.F	Maintenance Instructions	O&M					VE	
Section 32 92 19 Native Grasses and Wildflowers											
	1	32 92 19	1.3.A	Growers Certification	Certificate	JAT/CE	04/19/19	05/01/19	05/02/19	05/02/19	AAN
	2	32 92 19	1.3.A	Fertilizer & Herbicides	Certificate						W
	3	32 92 19	1.3.A	Seed Tests	Certificate						W
	4	32 92 19	1.3.B	Seeding Schedule	Schedule	JAT/CE	04/19/19	05/01/19	05/02/19	05/02/19	AAN
Section 32 93 00 Plants and Soils											
	1	32 93 00	3.A.1	Plant Materials	Product Data					VE	
	2	32 93 00	3.A.2	Pesticides & Herbicides	Product Data					VE	

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	3	32 93 00	3.A.3	Plant Photographs	Product Data					VE
	4	32 93 00	3.B.1	Mulch Samples	Sample					VE
	5	32 93 00	3.B.2	Mineral Mulch	Sample					VE
	6	32 93 00	3.B.3	Edging Sample for color selection	Sample					VE
	7	32 93 00	3.C	Landscape Installer Qualifications	Certificate					VE
	8	32 93 00	3.D	Plant Materials	Certificate					VE
	9	32 93 00	3.D	Inorganic Solid Amendments	Certificate					VE
	10	32 93 00	3.D	Organic Soil Amendments	Certificate					VE
	11	32 93 00	3.D	Fertilizers	Certificate					VE
	12	32 93 00	3.D	Planting Soils	Certificate					VE
	13	32 93 00	3.D	Mulches	Certificate					VE
	14	32 93 00	3.D	Pesticides	Certificate					VE
	15	32 93 00	3.D	Tree Stabilization Products	Certificate					VE
	16	32 93 00	3.D	Gravel, Fabric, Fungi	Certificate					VE
	17	32 93 00	3.D	Edgings	Certificate					VE
	18	32 93 00	3.E	Material Test Prots - Topsoil	Report					VE
	19	32 93 00	3.F	Maintenance Instructions	O&M					VE
	20	32 93 00	3.G	Warranty	Warranty					VE
	21	32 93 00	4.C	Soil Analysis	Report					VE
	22	32 93 00	4.D	Perk Test	Report					VE
	23	32 93 00	4.H	Preinstallation Conference	Report					VE

Section 33 11 18 Water Main

	1	33 11 18	1.4.A	Mfr's Certification - Pipe, Fittings, etc	Certificate	KR	10/25/18	10/26/18	11/02/19	11/02/18	AAN
	2	33 11 18	1.4.B	Mfr's Data - Pipe, Fittings, etc	Product Data	KR	10/25/18	10/26/18	11/02/19	11/02/18	AAN
	3	33 11 18	1.4.C	Shop Drawings	Shop Drawings	KR	10/25/18	10/26/18	11/02/19	11/02/18	AAN
	4	33 11 18	1.4.D	Record Documents	Shop Drawings						
	5	33 11 18	1.4.E	Bacteriological Test Report	Report	JAT	04/30/19	n/a	n/a	05/01/19	A

Section 33 31 14 Sanitary Sewer

	1	33 31 14	1.4.A	Mfr's Certification - Pipe, Fittings, etc	Certificate	KR	10/25/18	10/26/18	11/02/19	11/02/18	AAN
	2	33 31 14	1.4.B	Mfr's Data - Pipe, Fittings, etc	Product Data	KR	10/25/18	10/26/18	11/02/19	11/02/18	AAN
	3	33 31 14	1.4.C	Shop Drawings	Shop Drawings	KR	10/25/18	10/26/18	11/02/19	11/02/18	AAN
	4	33 31 14	1.4.D	Record Documents	Shop Drawings						

Section 33 41 12 Storm Sewer

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	1	33 41 12	1.4.A	Mfr's Certification - Pipe, Fittings, etc	Certificate					W	
	2	33 41 12	1.4.B	Mfr's Data - Pipe, Fittings, etc	Product Data	JAT/KR	12/04/18	12/04/18	12/06/18	12/06/18	A
	3	33 41 12	1.4.C	Shop Drawings	Shop Drawings	JAT/KR	12/19/18	12/27/18	01/03/19	01/03/19	A
	4	33 41 12	1.4.D	Record Documents	Shop Drawings						

This submittal registered was prepared by River Architects for internal use as a submittal tracking tool. Not all submittal requirements may be reflected in the above list. Refer to the project specifications for all submittal requirements. Approval status indications stamped on the actual submittal take precedence over any information logged here. Again, this is a tracking tool and is not intended to show compliance with all specification submittal requirements.

Status key:

A Approved (Reviewed)

AAN Approved as Noted (Reviewed- Make Corrections)

R&R Revise and Resubmit (Revise and Resubmit)

R Rejected (Rejected)

VE Value Engineered Out of GC Scope

W Withdrawn or Waived Submittal Requirement- May Be Reinstated By A/E At Any Time