

Commercial Metal Building Services Corp

Project Issues Report

Project: Miami Executive Air

Report Date: Sunday, August 18, 2013

Produced By: Dean S. Davids

Open Issues

Issue Type: Punchlist

PCCX Channels At Endwall Columns	Friday, July 5, 2013
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Description: Never yet installed at top of column connection to purlins.
Saturday, July 6, 2013 We can't find the channels. It seems they have been moved or taken. Still looking.

Two Small Framed Openings In Lean To Wall	Saturday, July 6, 2013
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Description: Mario says he can't find material for it. I found the channels out on the Tarmac. The trim is inside the building.
Monday, July 8, 2013 Attempted to verify locations with Omar. He says there should be a third one. We have material for only two. Two are shown on the drawing. Omar is going to review architectural drawing to see if they match erection drawing location.
Thursday, July 11, 2013 Frames are in but we haven't cu the sheeting.

Remove Stifflegs, Insulation	Saturday, July 6, 2013
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Description: On the West wall, specifically but check elsewhere.
Monday, July 8, 2013 Insulation is gone. I reminded Ismael about the board.

Finish Downspouts	Friday, July 12, 2013
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Description: Lowest section and elbows were left off to complete after grading is done.

Closed Issues

Issue Type: Administration

Anchor Bolts Ready Letter	Wednesday, May 8, 2013
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Description: Per FS 1926.752, erector is required to have a letter from the controlling contractor notifying that the concrete is sufficiently cured and that the anchor bolts are ready and capable of resisting the erection loads prior to starting to erect columns. Erector is also to be notified, in writing, if any of the anchor bolts were modified or repaired.
I have asked Andrew for this letter on several occasions prior to today but have not yet received it. I have been told, verbally that the site is ready and we have a full crew on site today, prepared to start erecting but we are waiting for the confirmation prior to moving forward with columns.

Andrew responded to my email with direction that we can set on the part of the slab that was set earlier. According to his email, rest of the slab is ours on Monday.

Wednesday, May 8, 2013 Issue Closed
Monday, May 13, 2013 Andrew confirmed in email that we can start erecting columns at the West sidewall today. He also stated that we can erect the lean-to columns today. That slab was poured Friday.

Issue Type: Detail

Foam Generator Locations	Wednesday, May 8, 2013
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Description: Foam generator support beams are field located. Plans show only approximate locations. We will need these locations provided within the next few days as we start assembling grids.

James sent drawing with dimensions just before lunch.

Wednesday, May 8, 2013 Issue Closed
Saturday, May 25, 2013 Laying out the the locations for installation, found that some of the frames, as drawn, will be directly over roof bracing angles. The foam generators I have seen on other jobs have large cone shape dispersers hanging below the curb. If this is the case, the roof bracing will interfere with installation.
Additionally, the erection drawings do not give a distance between the beams and there does not appear to be any subframing between the beams. I am hesitant to install the beams without looking into the details and confirming placement. At the least, we need a dimension between the beams.
Saturday, May 25, 2013 Issue Status Open- Follow Up Required
Wednesday, May 29, 2013 Andrew sent drawing with detail. The beams need to be 65" clear between them. The foam generator hangs below and will not be affected by the angle braces.
Wednesday, May 29, 2013 Issue Closed

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Purlin Schedule Conflict**Wednesday, May 15, 2013**

Description: Looking at the roof secondary plan, purlins at the endbays appear to be spaced the same as in the field. Looking at the frame cross sections for lines .9, 1 and 2, there are additional strut purlins shown with varied spacings.
We need clarification or additional details and part numbers to resolve the conflict.
Called James at Lemartec, awaiting call back.

Thursday, May 16, 2013 VP sent revised drawing indicating the additional members are the door support members.
Thursday, May 16, 2013 Issue Closed

Track Support Detail**Thursday, May 16, 2013**

Description: DH03X5 and DH04X5 details show a welded clip connection of the the track support beam to the end posts. The clip is called out as ABX014.
We have a stack of 110 angles, unmarked, that appears to match the manifest information for this clip. The angles are 72" long with a slotted hole at one end. I would expect only a clip about 8" length.

Andrew confirmed the angles were supposed to be 6". We will have to cut them.

Sunday, May 19, 2013 My estimation is that it will take 15 to 18 man hours for me to cut all the angles. This will be about \$1,000 change order to the fabricator. We are not in a great rush to start installing these clips, it will not impact our schedule to wait for delivery of the correct materials.

Monday, May 20, 2013 I told Andrew that we can wait if they want to send new. He said to give him time to confirm what VP wants to do. Later received email that VP is going to send someone to cut them.

Monday, June 3, 2013 VP rep came and cut them today.
Monday, June 3, 2013 Issue Closed

BWT110 Oversize**Monday, June 3, 2013**

Description: The base trim for wall to roof at the lean to seems to be too wide. There is about 1/2" gap between vertical leg and the wall to roof flashing. The detail shows the seal at that front face with a screw every 12".
The gap is so large that I don't think the seal will work. We have placed sealant on the top with intention to install the screw there unless otherwise directed.

Emailed Andrew

Monday, June 17, 2013 Fabricator responded to issue, approved our recommendation to put the screws on horizontal leg of flashing.
Monday, June 17, 2013 Issue Closed

Roof To Wall Base Elevation**Monday, June 3, 2013**

Description: The top of the wall to roof flash landed higher than expected. We had to move the support angle up almost 2" to make it work. This caused us to have to cut every wall sheet over the lean to.

Monday, June 3, 2013 Issue Closed

Hangar Door Guide Framing**Thursday, June 6, 2013**

Description: The details for the framing at the front wall are very difficult to erect. Nothing is set to any certain elevation. No fixed points are given to work from. The front vertical posts hang from a slotted clip connected to another slotted clip which connects with more slots.
The cross beams have no provision for attachment to the rafters.
The x braces are welded detail. The guide support beam is a welded detail. That is very unusual and makes it more difficult to get a starting reference.

Monday, June 10, 2013 So far, with most of the framing loosely in place we have the following issues:
-No clips to fasten the SBX319 & SBX316 beams to rafters. We have them tacked for now. Near as I can tell, the clips should have been welded in place on frame lines 2 & 3.
-Similar clips required on Frame Line 2 for that end of the SBX016 beams. These bolt directly to Frame Line 1 which is the only connection of any of the top beams that works as drawn.
-Header Channels, H2, are punched with holes 10-1/2" from the end. The holes should be 1-1/2" from the end.
-Braces, 03BA09110 are punched for 1/2" bolts, should be 3/4".

Wednesday, June 12, 2013 We are not yet complete so I don't know how many more issues we will find before we can get this finished.
Andrew says the clips are in production. Welding detail and delivery schedule pending.
We will stop roof short of the end bay today until this is completed.

Friday, June 14, 2013 Drilling holes in header channels today.
Andrew says the clips are expected Monday.

Monday, June 17, 2013 Counting on the delivery today. The roof is installed up to FL3 today and we need to weld the clips in to finish.
Tuesday, June 18, 2013 The clips did not come yesterday, or if they did, we were not notified. We can't finish roof until we weld them onto the rafters.
Andrew says updated delivery expected today. Roof is stopped. Relocated crew to finish lean-to and other miscellaneous details.

Thursday, June 20, 2013 We received clips in the afternoon. Will weld them in tomorrow.
Mike and Delroy installing clips yesterday and today.
Because we had the beams are tacked down tight to the rafter, we had to trim 3/8" off the bottom of the clips to make the holes align.
10 hours yesterday, 4 hours today x 2 men.

- Sunday, June 23, 2013 We have spent a tremendous amount of time going over the elevation and straightening this wall and still working on it. For all the slotted connections, we wind up with just about everything lifted as high as the slots allow. In some cases that is still a bit low. There is a very large deflection of the rafter, I would guess 3" or more, on each side. I don't know how much more that may wind up deflecting when the guide beams are installed.
I am concerned that this deflection will be noticeable to the average person in the appearance of the rake flashing when viewed from certain locations at ground level.
We keep straightening what we have for now intending to get it as close as possible but not welding anything solid. It will likely need another final pass adjusting after the doors are installed.
- Thursday, June 27, 2013 Another full day of adjusting. Should have it complete tomorrow but no telling what will happen when they put the guide beams in place.
- Tuesday, July 2, 2013 Nearly all finished welding off. Mike ran out of rods before finishing the kicker. Besides that we have left only the vertical x-braces to weld in case there is some last minute adjustment needed after they install the guide beams.
- Saturday, July 6, 2013 Mike welded the kickers today.
- Monday, July 8, 2013 Andrew says he'll have CO this week.
- Friday, July 12, 2013 Received email copy of CO yesterday.
- Friday, July 12, 2013 Issue Closed

Issue Type: Equipment**Boom lifts**

Thursday, May 9, 2013

- Description: 2 Boomlifts, 60' from High Reach arrived 9am.
600-201 and 600-187
- Thursday, May 9, 2013 Issue Closed
- Tuesday, May 14, 2013 600-201 had a hydraulic leak yesterday afternoon. Mechanic fixed it first thing this morning. It wasn't down for more than an hour or so.
- Thursday, May 16, 2013 Two more arrive today.
600-285 (brand new) and 600-163. The older one does not hold a key, falls out.
- Monday, May 20, 2013 600-201 is still dripping oil and making a mess. Especially if it gets parked on slab overnight. I called Charles at HR2 and asked him to get it taken care of. Also ordered two more lifts for Thursday.
- Tuesday, May 21, 2013 Tony, HR Mechanic, spent about an hour on the machine. Determined that he needs to order parts to fix. He used a second machine to work out of for that hour. He says the parts are going to be overnighted and someone will fix tomorrow.
- Wednesday, May 22, 2013 Mechanic came and fixed the leak on 201 today during our lunch break.
- Thursday, May 23, 2013 Two more lifts arrive first thing this morning. Both of them brand new machines.
600-288 & 600-290.
- Friday, June 14, 2013 185 had a control problem. I called it in yesterday. Service came and replaced the control stalk complete. Said that it was fixed.
I told him that 201 still has a puddle of hydraulic oil under it every morning. He looked at it. I don't know what he did or if it is better.
- Tuesday, July 2, 2013 Told Charles to close each contract as they come to renew. 201 and 187 are up this week. They will move to Orion as of today. The others will move as they renew.
- Friday, July 5, 2013 285 and 163 were moved to Orion today.

Crane Rental

Thursday, May 16, 2013

- Description: Precision crane rental start today. One 70T to set the jack beam columns and assemble the beam. Onsite at 7am. Took till about 7:45 for Omar to show up and get us in the gate to go airside. Ready to work about 8:30.
Second crane scheduled for tomorrow, Saturday. Hopefully finish crane work Monday.
- Sunday, May 19, 2013 Two cranes Friday and Saturday, set all the West side grids. Expecting to get the remainder of the grids up Monday.
- Tuesday, May 21, 2013 Cut short by rain yesterday. Hoping to finish today. Forecast is for more rain.
- Wednesday, May 22, 2013 Cranes out by around 3:30 yesterday.
- Wednesday, May 22, 2013 Issue Closed

Pettibone Won't Start

Friday, May 17, 2013

- Description: Mario ran it out of fuel late Friday. They killed the battery trying to start it. Tried jump but no success.
Put Calbert's charger on it, no improvement. I tried jump with my truck and then bought a new battery. Still wont start. Struggles to turn over after first full rotation. I assume it needs a new starter.
- Sunday, May 19, 2013
- Monday, May 20, 2013 Javier, from Gordy's, arrived about 8am. Finished by 11:30.
- Monday, May 20, 2013 Issue Closed

Schedule Seamer Delivery

Thursday, May 23, 2013

- Description: Confirm when we need seamer.
- Saturday, May 25, 2013 Sent Andrew an email that we should have the seamer by 5/7.
- Thursday, May 30, 2013 We could use seamer for the lean to roof now but if we had it, it would be idle all next week. I told Andrew we could hand seam enough to get the wall to roof flashing installed and wait for the seamer to come as planned.
Omar says he can get the seamer from Tropical Park. I said to him that to have it for one day, tomorrow, would be a good thing.
- Friday, May 31, 2013 Omar brought seamer at lunch time yesterday. Calbert started seaming lean to, finished up to where we stopped for masonry to finish.
Andrew notified me that our seamer is expected early next week.
- Tuesday, June 11, 2013 No sign of seamer yet. We are roofing main roof and could use it now.
- Friday, June 14, 2013 Seamer is on the job. The guys have it on the roof. Nobody told me.
- Friday, June 14, 2013 Issue Closed

Precision Boom Truck

Monday, June 10, 2013

- Description: Set sheets up on roof for East side. Wally brought sheets in from Tarmac.
- Friday, June 14, 2013 Issue Closed
- Saturday, June 15, 2013 Set sheets up on roof for West side. Mario and Ismael did a great job hustling and getting it done. Crane time 9:30 to 12:00 plus 2.

Issue Type: Fabrication**RBX 393 Holes**

Wednesday, May 8, 2013

- Description: Bolt holes appear to be missing for connection to the jack beam.
- Thursday, May 9, 2013 Received drawing from VP via email from Andrew. Showed sketch with proper hole pattern.
- Thursday, May 16, 2013 Laid out and drilled holes yesterday.
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Strut Connection Plates

Monday, May 13, 2013

Description: The plates for some of the roof struts connection do not match elevation on adjacent frame. We find this problem at the second strut from line AL between frames 8-9 and 5-6.
RBX345 sets strut SBX306 2.5 inches from top of frame. At the opposite end of the strut, the clip on RBX356 sets the strut top flange matching the top of frame height.
RBX378 sets the strut at 2.5 inches from the top of frame. At the opposite end of the strut, the top flange of the strut is at the top of frame.

Tuesday, May 14, 2013
Wednesday, May 15, 2013 VP response is that the problem is not structural, only aesthetic. Lemartec decision as to whether to correct it or not. James told me to leave it be.
Wednesday, May 15, 2013 Issue Closed

RBX409 Purlin Holes Missing

Monday, May 13, 2013

Description: Endwall rafter piece appears to be missing a few holes. Unsure if the existing holes are in the proper location.

Thursday, May 16, 2013 VP sent drawing with missing hole dimensions. Confirmed the holes that are there are correctly located.
Wednesday, May 22, 2013 Drilled holes and installed purlins.
Wednesday, May 22, 2013 Issue Closed

Roof Bracing 06BAB21016

Saturday, May 18, 2013

Description: The most common size roof bracing, 2x2x3/16 21-1 3/4 long seems to have been fabricated incorrectly. Manifest shows 96 pieces delivered. About half of those are 21-11 3/4, ten inches longer than required. We have those that are correct length installed, need to modify the others to keep from being delayed lifting the remaining grids.

Monday, May 20, 2013 Set Mike and Delroy to start modifying angles first thing. Andrew sent confirmation of approval about 10:30am. They worked on the braces till 4:30 and did not quite finish them all.
Tuesday, May 21, 2013 Mike and Delroy finished the angles at 1:00. Total of 29 man hours.
Wednesday, May 22, 2013 Submitted change order request to Lemartec.
Friday, May 31, 2013 I pressed for the change order in time to include in pay request but did not get it. Gene remarked that I was being unfair. I have three outstanding charges now, for a total of about \$8,000, that are not included in the contract figures and so are unbillable. Andrew sent me an email saying to include in draw, but I don't want my schedule of values to become out of sync with what has been processed so I did not add it.
Monday, June 17, 2013 Reminded Gene and Andrew last week about change orders pending. Still awaiting the documentation. Andrew stated, in email today, that the change order has been approved.
Sunday, June 23, 2013 Change order received yesterday.
Sunday, June 23, 2013 Issue Closed

Additional Brace Angle Issues

Friday, May 31, 2013

Description: We are not finding the correct angles for some of the remaining locations in wall and roof. I told Wally to install everything that works in order to narrow down and reduce the number of different angles we have to sort through. We will not modify anything until we have it all figured out.

Victor voiced concern yesterday that we need to complete the bracing in the West sidewall. That is where we are having most of the issues. We do have one bay fully braced and several bays partial. I am confident that is enough for the structural integrity at this stage. We are working on completing the bracing now and will increase manpower on this once the endwall is finished today.

Monday, June 3, 2013 Down to the final braces and having to modify a significant number. We now have most of the braces in the sidewall that Victor was concerned about.
Tuesday, June 4, 2013 We find that the first angles from the eave at the interior bays are supposed to be 22' 2-1/2" but we have 23' 6-1/2". We do not find that length called for anywhere on the plans. We are modifying these to the length required (8 pieces). Same condition for that space in the end bay, length of angle does not match the length called for (4 more pieces). There are about 8-10 other angles that do not work. I expect we'll make them all work by the end of this day.
Wally spoke to Brad Pease from VP about this issue while Brad was here cutting the clip angles. Brad declined the invitation to correct our brace angle issues and saw us start to modify them.
Tuesday, June 11, 2013 2 men, 12 hours spent correcting the angles.
Monday, June 17, 2013 Reminded Gene and Andrew about the change orders last week. Gene says he will take care of it. Andrew replied that he did not have the number until just now, is working on change order.
Monday, July 8, 2013 Andrew says he'll have CO this week.
Friday, July 12, 2013 Received email copy of CO yesterday.
Friday, July 12, 2013 Issue Closed

TCX002 Short

Thursday, June 13, 2013

Description: Diagonal tubes marked TCX002 are nearly the same length as our TCX004. They should be considerably longer. They fall about 6' short of what they would need to be in order to work.

Friday, June 14, 2013 All the tube kickers are in besides these two at the center.
Tuesday, June 18, 2013 Andrew forwarded detail of "remedy". They are going to send a length of 6x6x3/8 tube to extend the short piece.
Thursday, June 27, 2013 Extension material came yesterday. Mike welded and installed them today.
Tuesday, July 2, 2013 It took about 8 manhours to complete but I am not going to chase after the change order. Just trying to wrap those already outstanding.
Tuesday, July 2, 2013 Issue Closed

Issue Type: Material**Extended Deliveries**

Monday, March 18, 2013

Description: Deliveries are spread out over four days, with one day idle. Site is not ready to erect so there is no other work to make use of equipment. We have a short day, a skipped day then two short days. All the trucks could easily have been offloaded in two easy, productive, days.

This schedule is costing significant money in equipment and labor as we stop and start, working less than full days with repeated mobilizations.

Friday, April 5, 2013 Gene assured me that he will compensate us by way of the pending insurance claim or change order.

Friday, April 5, 2013 Issue Closed

Friday, May 31, 2013 Invoices created, at Gene's direction, and sent to Andrew have not been processed. No update as to status. Gene told me not to consider as change order, bill separately as its own job. There is no record of these charges other than the invoices.

Friday, May 31, 2013 Issue Status Open- Follow Up Required

Monday, June 17, 2013 Still pending payment of the invoices sent.

Andrew stated the change orders have been approved in email.

Sunday, June 23, 2013 Change order received yesterday.

Sunday, June 23, 2013 Issue Closed

Additional Offload

Tuesday, March 19, 2013

Description: Two trucks that were scheduled to have arrived Monday, now expected Friday. I extended Precision crane schedule and planned for offloading an additional day.

Friday, April 5, 2013 Issue Closed

Friday, April 5, 2013 One of these trucks crashed and did not arrive until today.

Truck Crash

Friday, March 22, 2013

Description: One of the trucks expected today, originally scheduled for Monday, has been involved in an accident on the road. It will not be arriving today.

They are returning the load to the plant to be checked and reloaded, will reschedule the delivery.

Friday, April 5, 2013 Materials arrived today, offloaded with Pettibone.

Friday, April 5, 2013 Issue Closed

Relocate Materials

Friday, April 5, 2013

Description: Wally, onsite for offload one truck, is told by Omar that he must relocate all the panels and materials that were offloaded on the grass. Omar says it must be done today, or they get fined. We were not aware of this until this moment. We could have started it yesterday or brought the crane and a couple extra guys today. Wally is getting as much as possible today but may not get it all. I made Gene and Andrew aware of that possibility.

That material was placed exactly where we were told to place it at the time of receipt and this is all extra time, above and beyond the additional time already spent with the space constraints and the lag in deliveries.

I spoke to Gene Owen and was told that he expects an invoice for the remobilization costs due to the delivery truck that crashed. He says he fully expects me to pad that number up to cover all my additional costs incurred. Submit separately, not as change order. If it doesn't get paid by the insurance claim, he will make it right another way, presumably by change order.

Saturday, April 6, 2013 Wally did manage to get it all moved yesterday.

Saturday, April 6, 2013 Issue Closed

Insulation Delivery

Thursday, May 9, 2013

Description: Not sure when it is scheduled for but I expect to be looking for it about May 24.

Monday, May 13, 2013 Andrew says delivery scheduled for 5/20. I told him I would push towards the end of the week. He set it up for 5/23.

Thursday, May 23, 2013 Arrived first thing this morning.

Thursday, May 23, 2013 Issue Closed

Dirt On Beams

Friday, May 17, 2013

Description: It seems that some of the steel was shipped out with quite a bit of dirt on the web. Especially the jack frame. We washed down the jack beam while it was on the ground. The columns went up before we really thought about it. This steel was offloaded in single lifts from the truck bed to the asphalt. The dirt did not get on the steel while on the site.

Friday, May 17, 2013 Issue Closed

Double Face Tape

Friday, May 24, 2013

Description: There was no tape sent with the insulation. We need it to start the lean to walls. We have a roll from one of our trucks but not enough to do much.

Saturday, May 25, 2013 Omar says he told Andrew and Gene, expects they will get by Tuesday. Victor says he had some at Tropical Park. We started with what we could find.

Tuesday, May 28, 2013 I brought two rolls from the office today so we had enough to proceed with the lean to wall.

Thursday, May 30, 2013 I brought two more rolls today. Omar expects delivery of the tape for this job today by noon.

Friday, May 31, 2013 The tape did not come as expected yesterday. Omar says it will be here this morning.

Omar found that the tape did arrive but was received by MEA office personnel. Omar will get it from them.

Friday, May 31, 2013 Issue Closed

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Roof Screws Shortage **Monday, June 17, 2013**

Description: We are just about out of roof screws for the clips.
Manifest shows 18,407 shipped. By quick rough estimate, that seems about right but we are at least 5,000 screws short of finishing the roof installation.

Tuesday, June 18, 2013 Omar brought some from Tropical Park.
Tuesday, June 18, 2013 Issue Closed

Roof Clips Shortage **Monday, June 17, 2013**

Description: Roof crew ran out of 8" roof clips.
550 8" clips
153 12" clips

Tuesday, June 18, 2013 Omar brought us clips and screws. We roofed up to FL3 where we had to stop until we get the support beam clips and weld them in.
Tuesday, June 18, 2013 Issue Closed
Tuesday, July 9, 2013 We received a pallet of clips at Orion yesterday. I believe they are meant to replace those that we stole from Tropical Park.

Caulking Shortage **Thursday, June 20, 2013**

Description: We are running out of the panlastic butyl caulk for the roof. It is hard to guess how much we need in order to finish. We need it for eave and endlaps of the few panel courses remaining and then for all the ridge cap and any other detail to finish.

My guess is 30 or 40 of the sausage packs or tubes.
Sunday, June 23, 2013 Omar brought caulking to Mario
Sunday, June 23, 2013 Issue Closed

Issue Type: Personnel**Carlos Called Out** **Friday, May 24, 2013**

Description: Has an infection of some sort. Not work related. Ismael was aware that he was going to doctor.
Friday, May 24, 2013 Issue Closed

Carlos Infection Of Knee **Tuesday, May 28, 2013**

Description: Carlos says that he had to go to the doctor last week because his shin was swollen up. He has some kind of scratch that became infected. There was no report and he is not sure when the injury occurred. It had been hurting him for about a week. He believes he got some kind of shaving or something in it. I reminded him and Ismael that all injuries need to be reported immediately, no matter how trivial, that I must be notified and will follow up.

He wants me to pay for the doctor. I said to submit the receipts.
Thursday, May 30, 2013 Carlos told me today that his knee is fine.
Thursday, May 30, 2013 Issue Closed

Housekeeping **Friday, May 31, 2013**

Description: It looks like Ismael's sheeting crew is leaving a trail behind them.

Emailed to Wally
Saturday, June 1, 2013 Wally had them clean up after themselves today.
Saturday, June 1, 2013 Issue Closed

Delroy No Show **Thursday, June 13, 2013**

Description: Mike says he didn't get up.
Friday, June 14, 2013 Gave Delroy counseling. Reminded him that we do not tolerate erratic attendance. This, his first warning.
Friday, June 14, 2013 Issue Closed

Charles Jenkins No Show **Saturday, June 15, 2013**

Description: Mike was unable to roust Charles for work this morning.
Tuesday, June 18, 2013 Emphasized to Charles the importance of being reliable if he wants to remain working with us.
Tuesday, June 18, 2013 Issue Closed

Charles Jenkins No Work **Monday, June 17, 2013**

Description: Mike didn't pick him up on account of Charles wasn't ready Saturday.
Tuesday, June 18, 2013 Emphasized to Charles the importance of being reliable if he wants to remain working with us.
Tuesday, June 18, 2013 Issue Closed

James Out Sick **Friday, June 28, 2013**

Description: James called Mike this morning and told him that he had some kind of kidney stones or something. Yesterday he worked all day with me. Seemed to handle it just fine. Not sure if he is making it up, perhaps just tired, no telling.
Tuesday, July 2, 2013 Issue Closed

Issue Type: Punchlist**Header Trim Detail** Tuesday, May 28, 2013

Description: Some of the header trims are terminated inside the rib of the wall panel. Extend and bring the backside outside of the panel to ensure no leaks.

Tuesday, July 2, 2013 Ismael was working on that wall today, I told him to take care of the headers.
 Saturday, July 6, 2013 Ismael extended and corrected the trim.
 Saturday, July 6, 2013 Issue Closed

Girt Clip Bolts Tuesday, June 4, 2013

Description: In the first door at South end of The lean to sidewall, no bolts in girt to clip at top of door jamb.

Saturday, July 6, 2013 Miguel finished today.
 Saturday, July 6, 2013 Issue Closed

Correct The Elevation Of Portal Thursday, June 13, 2013

Description: One portal column at the lean to is too high at the base. Need to slot the holes at top or chip concrete below.

Tuesday, July 2, 2013 Delroy reamed the holes and bolted it as it stood.
 Tuesday, July 2, 2013 Issue Closed

Purlin Braces Missing Thursday, June 13, 2013

Description: Was roofed over. Several locations on West side. I am not clear if we are missing the pieces or just didn't get it done in time. Different persons told me one or the other.

Saturday, July 6, 2013 Miguel was installing them today. Did not finish.
 Monday, July 8, 2013 Ismael plans to finish today.
 Thursday, July 11, 2013 Ismael finished them.
 Thursday, July 11, 2013 Issue Closed

Window Leaks Friday, June 28, 2013

Description: 3 out of four windows on the West side are leaking very badly. Water is sitting on the sill and running into the lap and corners of the sill flashing. They do not appear to be sealed at all. We need to get sealant into those laps, not just on the outside. This will leak forever if we do not fix it right.

I pulled the laps apart and shot sealant in. Stood on the header and crammed it tight while refastening it. Caulked the corners outside as that is all I could do with it. Did not see any leaks in the afternoon.

Saturday, July 6, 2013 Mario and Ismael checking the rest.
 Saturday, July 6, 2013 Issue Closed

Flange Brace Not Bolted Monday, July 8, 2013

Description: Next to the personnel door at the NW corner. Needs to be drilled.

Thursday, July 11, 2013 Issue Closed

Weld Guide Support Beams Tuesday, July 9, 2013

Description: We left the welding of the support beams for after they install the guide beams. We will wait to see if we get a significant deflection in case we need to raise them some more. The beams are being installed now.

Thursday, July 11, 2013 Spoke to one of the worker bees installing the doors. He remarked that the beams are all straight and didn't think any adjustment would be needed.
 Friday, August 9, 2013 Mike finished last weekend.
 Friday, August 9, 2013 Issue Closed

Issue Type: Scope**Hangar Door Rails** Tuesday, June 4, 2013

Description: The rails, along with the doors, are not in our scope of work. Andrew asked if we could do them and what the cost would be. I said we could do it for T&M and that I would guess the cost to be about \$2,200 (two guys, two days).

I was concerned that it would impact our schedule causing us not to be prepared above when the door guys arrive next week. Andrew said the doors are delayed, that we will not need to be ready for them for another 2-3 weeks.

Andrew said to go ahead and install the rails for T&M.

Saturday, June 15, 2013 Wally and I started laying out the rails today.
 Wally- 8 hours.
 Myself- 4 hours.

Monday, June 17, 2013 Wally used Delroy some and Hugo helped most of the day.
 Mike and Delroy start tacking them down this morning. Worked full day setting and tacking them. Wally and I spent several hours helping to be sure they were straight and proper.
 They cut the end rails to fit on account of the 2" bust.
 2 men x 10 hours.

Tuesday, June 18, 2013 Mike welded a little more than halfway. Delroy was assisting Mike, fire watch, grinding joints and cleaning welds.
 2 men x 10 hours.

Thursday, June 20, 2013 Finishing weld down rails today after the support beam clips.
Finished at the end of the day.
Additional 6 hours x 2 men.

Monday, July 8, 2013 Andrew says he'll have CO this week.

Friday, July 12, 2013 Received email copy of CO yesterday.

Friday, July 12, 2013 Issue Closed

Hangar Door Guide Beams

Friday, June 14, 2013

Description: Gene Owen confirmed that the door guys will install the guide beams.

Friday, June 14, 2013 Issue Closed

Issue Type: Site**Space For Offload**

Wednesday, March 13, 2013

Description: The jobsite is very constrained. I don't see any way to get all the material offloaded in the space we have.

Wednesday, April 3, 2013 We set most steel over the fence and all around the perimeter. All the sheeting, some secondary and the last truck that is coming Friday after having crashed enroute is outside the site. This will add quite a bit of inconvenience when time comes to erect as we must locate and retrieve items as needed.

Wednesday, April 3, 2013 Issue Closed

Slab Delayed

Tuesday, April 9, 2013

Description: Scheduled to start erecting Monday 4/15. Omar warned me that it might slip a couple days. Andrew notified me today that it would likely not be ready before Monday 4/22.

Sunday, April 14, 2013 No word from Omar all week. I assume we are ready by 25th and I am planning for that.

Friday, April 19, 2013 I called Omar to check if he'll be ready Monday. He says probably another week. Plan for the 29th now.

Friday, April 26, 2013 Carlos emailed asking me to meet at the site 5/1 and said they now expect to be ready for erection another week later, 5/6.

Wednesday, May 1, 2013 The weather is pushing their intended last pour for main slab again. They expect now to pour Friday 5/3. We should still be able to start Monday 5/6 but the lean to slab will not be poured until later in the week.
The first stage of the rails apron will also be poured some time later the next week likely.

Monday, May 6, 2013 The weather was expected through the weekend which I assumed would further delay the pour. I pushed our start from Monday to be sure they would not be in our way.
Wally is moving crane to site and will verify ready for tomorrow start.
Wally surveyed the site, the gate is not in place yet and neither is the ramp. They are just finishing the last of the big pours now. We decided to push one more day, start Wednesday.

Tuesday, May 7, 2013 Andrew and Gene pressed for starting today. They got the gate done and said they were ready by the end of the day yesterday. I told them I had already redirected my crew but agreed to have a few guys on the job today to start organizing. Full crew start tomorrow.

Tuesday, May 7, 2013 Issue Closed

Slab Access

Wednesday, May 1, 2013

Description: We are unable to pass the SE corner of the slab now that it goes nearly to the fence line. Omar is going to add a gate gate to the fence so we can move equipment and materials through directly from airside.
I also requested a ramp to get up onto the slab with equipment.

Monday, May 6, 2013 Omar says they are building gate tomorrow. Same for the ramp.

Tuesday, May 7, 2013 Omar had gate installed by the end of the day yesterday.

Tuesday, May 7, 2013 Issue Closed

Base Plate Leveling

Wednesday, May 8, 2013

Description: The leveling nuts are not set to elevation. We need this ASAP in order to start erecting columns. Contractor has someone stripping forms off the bolts now. Omar has been asked to address the elevation by getting one bolt set at each location. We will level the rest of the bolts to match that one prior to setting a column.

Omar set up a laser level and gave Mario a reference to set to. We did all the adjustments.

Wednesday, May 8, 2013 Issue Closed

Standing Water

Tuesday, May 21, 2013

Description: After the rains last night, the slab has several inches of standing water.
Omar eventually got a pump and the lake was pumped clear by mid afternoon. Everyone suffered wet feet.

Tuesday, May 21, 2013 Issue Closed

Friday, May 31, 2013 After Omar pumped the slab dry, he cut the drain pipe open so that it would drain itself. After more days of rain, we find that the slab is once again a lake. It is not draining. The standing water makes it very difficult to work inside.
We cannot run extension cords for power cords freely around the building to use power tools.

I emailed to Omar pointing out that his guys are running extension cord directly through the pond. I do not think it is safe.

Friday, May 31, 2013 Issue Status Open- Follow Up Required

Tuesday, June 4, 2013 Plumber opened the pipe this morning. Slab is, for the first, not a lake.

Tuesday, June 4, 2013 Issue Closed

Concrete Beam Placement

Tuesday, May 28, 2013

Description: The space from line 8 to the concrete beam at the lean to sidewall is called as 17'. The actual space is 16'-9 1/4". We'll need to cut the girls, if not the column.

Tuesday, June 11, 2013 Omar said to cut the girls to fit.

Tuesday, June 11, 2013 Issue Closed

Masonry Not Finished **Friday, May 31, 2013**

Description: We cannot complete the lean to roof or wall until they finish at the entrance area. We will have the North endwall complete today, lacking one bay which must wait on the masonry as well.
They have to pour, lay more block, form grade beam and pour again. Expect that to take most of next week.

Subcontractor tells me he'll be done by Thursday.

Monday, June 3, 2013 Wall over the lean to is sheeted up to the point that we are waiting for masonry. The entire lean to and East wall are done as far as can be done until they finish.

Thursday, June 6, 2013 Poured concrete today. We still wait for forms to be stripped.

Friday, June 7, 2013 Stripping forms and cleaning up today. We could get back on the lean to as of now. Most of personnel committed to other things now so we will get to it when it works.

Friday, June 7, 2013 Issue Closed

Slack Anchor Lines **Friday, May 31, 2013**

Description: There is too much slack in some of the safety lines. Specifically FL 7 and FL 5.
The line at FL 1 needs straps to keep it on the roof and FL 10 needs a couple more of the same. I'd say at least 2 per side and one at the peak. I don't see any at the Western half of the frame.
This needs to be corrected before we start filling in purlins.

Emailed to Wally.

Saturday, June 1, 2013 Wally had them fix the lines before working on purlins.

Saturday, June 1, 2013 Issue Closed

Gate Can't Close **Thursday, June 13, 2013**

Description: The shoring for concrete is in the way of closing the gate. I called Omar, he said leave it open.

Thursday, June 13, 2013 Issue Closed

Hangar Door Rails Run Long **Saturday, June 15, 2013**

Description: Apparently the layout of the trough for the rails is a bit short. The rails will need to be cut a few inches shorter.

Monday, June 17, 2013 Omar checking drawings.

His drawings show 255' span. We have cumulative length of 255'-2. He says to cut them.

Mike cut them this morning while in course of installing the rails. It took a couple hours with himself and Delroy. Will be included in the T&M of rails install.

Monday, June 17, 2013 Issue Closed

Issue Type: Subcontractor**Plumber Cut Through Web** **Monday, July 8, 2013**

Description: There is piping installed where the plumber cut huge squares out of the web of our jambs/girts. This is the first I have seen that technique. Not sure anyone would approve of it.

Monday, July 8, 2013 Issue Closed

Issue Type: Weather**Rain** **Monday, May 20, 2013**

Description: Lifting grids in morning. Heavy rain in the afternoon.

Monday, May 20, 2013 Issue Closed

Rain **Tuesday, May 21, 2013**

Description: Heavy rain as soon as we tried to start this morning. Spent about an hour watching radar and waiting for the cell to pass.

Tuesday, May 21, 2013 Issue Closed

Rain **Wednesday, May 22, 2013**

Description: Showers throughout the day.

Wednesday, May 22, 2013 Issue Closed

Rain **Tuesday, May 28, 2013**

Description: Big storms East, moving West. Managed to make a productive day despite frequent showers and high winds.

Tuesday, May 28, 2013 Issue Closed

Rain **Wednesday, May 29, 2013**

Description: Heavy rains and passing showers throughout the day.

Wednesday, May 29, 2013 Issue Closed

Rain **Thursday, May 30, 2013**

Description: Rained enough to stay wet, enough breaks to be productive.
 Wind picked up considerably. Mario finished roofing and tried to start lean to endwall but the wind was tearing up the insulation so bad that he couldn't get anything done.

Thursday, May 30, 2013 Issue Closed
 Friday, May 31, 2013

Rain And Wind **Monday, June 3, 2013**

Description: Showers and windy
 Thursday, June 6, 2013 Issue Closed

Rain And Wind **Tuesday, June 4, 2013**

Description: Showers, light rain and windy
 Thursday, June 6, 2013 Issue Closed

Rain And Wind **Wednesday, June 5, 2013**

Description: Showers and windy
 Thursday, June 6, 2013 Issue Closed

Rain And Wind **Thursday, June 6, 2013**

Description: Very high winds today. Rainy morning. Planned to start roofing. Got just a starter roll down before stopping as the wind became too much.

Thursday, June 6, 2013 Issue Closed

Rain And Wind **Friday, June 7, 2013**

Description: Light rain AM, heavy after lunch.
 Wind increasing as the day went on.
 Just managed to get the first bay or so of roof on.

Friday, June 7, 2013 Issue Closed

Rain **Wednesday, June 12, 2013**

Description: Rain late morning and some lightning. Stopped work, chased crew off the roof. Some rain, frequent light rain in the afternoon. Slowed production considerably all around.

Friday, June 14, 2013 Issue Closed

Rain **Thursday, June 13, 2013**

Description: Torrential rain chased crew off the roof mid morning. They took an early lunch and were eventually able to get a start up on the West side.

Friday, June 14, 2013 Issue Closed

Heavy Rain **Tuesday, July 9, 2013**

Description: Just before lunch
 Tuesday, July 9, 2013 Issue Closed