Martin Concrete Construction

LESSONS LEARNED

COMPLETED BY:	DATE PREPARED:
Allen Lane	July, 5 2022
PROJECT NAME:	**SUBJECT:**
Sunport Pooler GA	Column Sleeve Orientation

LESSON LEARNED :

Ensure that the column sleeve orientation is correct and match shop drawings, prior to installation. The sleeves on this particular job were different than most we had experienced. This was discussed during job Kickoff meeting and the pre-pour check list was adjusted (this particular item's orientation) was noted and discussed, but the installation was still performed incorrectly. There were 204 of these column sleeves that were installed incorrectly, had to be torn out, and reinstalled properly. The cost was approximately $100K, to make necessary repairs. This issue should have been avoided and processes were put in place to ensure this mistake was avoided, but we still failed.

LESSON LEARNED CORRECTIVE ACTION & PICTURES:

1) Involve entire Team, prior to start of job on any and all items that are or appear different. Each project has their own set of drawings, and should be followed in detail no matter what happened on the last project. In addition, when new team members are added to a project a new Kickoff Meeting or Handover meeting must be preformed to ensure all team members are aware of potential issues to avoid and specific project specifications.
2) Change Pre-pour check list to completely cover items in detail, that may differ from the normal.
3) You (Field Operations Manager, Superintendent, and/or General Superintendent) should inspect column sleeves personally on site, prior to placement, and not just assume everyone is on the same page. If multiple people visually looked at the sleeves then maybe the mistake would have been avoided.
4) Ensure that the entire crew, understands this difference and the need to ensure proper placement.
5) Ensure that drawings are understood by all project team members and not confusing.
6) Never assume, always ensure prior to beginning this process.
7) Unique anchor bolt or column sleeve placements should warrant a quality control team sighing off on the correct installation prior to placement.

Apr 12, 2022 at 12:20:28 PM
1008 US-80 W
Pooler GA 31322
United States

Apr 12, 2022 at 12:23:25 PM
1008 US-80 W
Pooler GA 31322
United States

Apr 12, 2022 at 12:20:16 PM
1008 US-80 W
Pooler GA 31322
United States