CA BUSINESS PROCESS IMPROVEMENT MEETING

Date: Monday, February 4, 2013
Time: 12-1pm
Location: FAB, 1st Floor Conference Room

- Updates (T. Leopard)
  - Installation of appropriate signage at Ferguson
    - Picked up & installed today (Taylor)
  - Where to get money for Bidgood held downs/smoke detectors
    - Get Rya to design. Taylor to price. Surely under ROK.
      - Who needs to design so we can get pricing?
        - PSCA PO. B. Ballentine to handle. Cheatwood to check.
  - Confirmation of APC price for University Blvd. power line relo
    - Discussed with P. Barton & P. Ballentine.
  - Cost premium for Simplex at Presidential II & Student Center
    - T. Leopard & P. Barton discussed Simplex.
  - Fixing FFC site fence
    - Ncasac sent the photo of the fixed fence.
  - 7th Avenue Lighting (in front of Bevill & Hunsberger)
    - Permanent light should be in this week. In the works (B. Hunsberger to get W/S Burch on timing)
  - Temporary lighting and light redeployment plan for FFC
    - Temporarily operating. Perm. fix in design docs.
  - Status of post BOT action items

- Requirements for Drawings (R. Barton)
  (to provide better information to all parties & facilitate close-out procedure)
  - Require AE’s to provide conformance drawings at the Pre-construction Meeting.
    - Barton discussed with Ncasac. Easy fix. Precon end of job (CO)
  - Posting PDF’s of the above on Estus.
  - Review contractor’s red-lined drawings monthly and make keeping them current a requirement for approval of pay app.
  - Require better documentation of compliance of as-built drawings from contractors and/or architects:
    - With the CD-ROM, include a “screen shot” of the directory folder of files, reviewed and initialed.
    - Require a list of drawings, ASI’s, and Change orders, with each one checked off as being included in the as-builts.
  - Other policies that might streamline the process and provide a higher quality product.
Resend m. Skinner Cheyenne Const. invite for Monday 02/11/13
Discussed power outage at stadium (Superbowl power outage)
VA Standard: Const. Signage - Principal to hang appropriate/professional signage
F&A Money this yr went to sprinkler
Martha Penman & Moody (M. Skinner & TAL) BTS FA issue.
ARE: dig & fill. VA take from there. Go to P&G w/ value add to
credit
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  - Installation of appropriate signage at Ferguson - being installed today
  - Where to get money for Bidgood hold opens/smoke detectors
    - Who needs to design so we can get pricing?
  - Confirmation of APC price for University Blvd. power line relo
  - Cost premium for Simplex at Presidential II & Student Center
  - Fixing FFC site fence - Fixed
  - 7th Avenue Lighting
  - Temporary lighting and light redeployment plan for FFC
  - Status of post BOT action items

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Exec Meeting 7/12/13  Beautiful

> Searcy Elevator (Garnette)
  → Need proposal from Poole
  → "PAF"

> Estus Individual
  Upload Sheets in same order by same number as Architects Page Names

Architect Needs Access to be able to upload
  → Bid Documents
  → Drawing Review

P&Q needs to be UA only

Shop Managers need to be setup as a user group

Submittals 6000.1 Submittals 11.16 - Under Review
  Reviewed Submittals - Reviewed by Contractor
  A/E Upload + Edit

A/E Edit Only
  Upload
  Contractor
  View Only
COORDINATION MEETING
FRIDAY, OCTOBER 04, 2013

- Review Design Guidelines (R. Barton)
  - Steel joist
  - Bar joist
  - Control joints
  - UL Listing
  - Dumpster Enclosures
  - 16120 Conductors and Cables

- People tripping over sidewalks. F. Marsac to talk to Dana about cost & splitting it between Chapters.
- BOT Items: Biggest issues Phi Mu, Kappa (Summer) & Keg (Brad).
- East Artery: U1/MP? DM Memo. (T. Thom)
- Check on BOM#4 DM Memo. (BML)
- PF Co. erosion control (T. Leonard ⇒ F. Marsac)
- CSI divisions - Moving to 310 Divisions

Committee has adopted the new Master Specifications.
Update deliverables: Design Guidelines, Pre-Design Cont. Checklist
Effective Friday, October 11, 2013.

O&M Closeout Information
- Date
- Contractor Name
- Project Name
- Project Number / POP AL

- Material summaries to be scanned & approved. BAPP & AEC, payable has a copy.
**Design Guidelines**

Section II: Standards for Specific Categories of Work

**Dumpster Enclosure**

1. **General**

   A. See Section IV: Standard Drawings and Section VI: Installation Photos

   B. Roof for enclosure, if required, to match slate roofing on Bus Shelters.

   C. All dumpster enclosure gates to match type in item #1 above. At buildings where existing dumpster enclosure gates exist, new gates shall match existing design.

   D. Do not paint the exposed face of the concrete block on the inside of the enclosure.

   E. Dumpster enclosures and can washes serving kitchens are to have drains with sediment buckets piped to the grease interceptor. Dumpster enclosures not accepting kitchen waste are to have drains with sediment buckets piped to sanitary. Drains are to be Jay R. Smith 2420 or equal.

   F. Dumpster enclosures serving kitchens are to have an exterior mixing station. These may be located on the building as long as they are within twenty feet of a gate. The station is to have hot and cold water with freeze protection, quarter turn operation with wheel handle, hose connection and a hose storage rack. Stations inside dumpster locations are to be surface mounted with wheel handles. All accessible or visible locations are to be recessed with locking cover. Wash down stations is to be Jay R. Smith 5660QT-H-WH or equal.

   1

   ![Signature]
Conductors and Cables

1. General

A. This guideline covers the selection of installation of low voltage and medium voltage electrical conductors and cables.

B. Campus primary distribution is a 12.47 kV, solidly grounded medium voltage system.

C. Substation feeders are fused by 400 amp, standard speed fuses, S & C fuses.

2. Medium Voltage Cables

A. Primary power distribution cable shall be single conductor stranded copper with ethylene propylene rubber (EPR) insulation rated 15kV, 105 degrees C, 133 percent insulation level. Cable shall have a 5 mil thick, minimum 12-1/2 percent overlap tape shield and a polyvinyl chloride (PVC) jacket.

B. The campus loop feeder cables shall consist of 500 kcmil phase conductors and a 600 volt, No. 4/0 AWG stranded copper common neutral grounded at all enclosures.

C. Service cables to transformers shall be No. 2/0 AWG phase conductors with a 600 volt, No. 2/0 AWG stranded copper grounding conductor fed from a fused pad-mounted switch.

3. Approved MV Cable Manufacturers

A. Okonite

B. Kerite

C. Houston Wire & Cable

D. Southwire

E. General Cable

F. Prysmian

4. Low Voltage Conductors (600 Volts And Below)

A. Power distribution conductors shall be a minimum size of No. 12 AWG copper.
B. Control wiring shall be a minimum size of No. 14 AWG copper.

C. Instrumentation and special systems wiring shall be in accordance with the manufacturer’s recommendations and shall not be less than No. 18 AWG copper.

5. Installation

A. All medium voltage and low voltage power conductors and cables shall be installed in raceways. Raceways include conduits, ducts, trays, surface raceways and wireways. The only exceptions include:

1) NEC Type MI cable.

2) Type MC cables serving lighting fixtures or run in hollow wall spaces.

3) Manufacturer prepared wiring systems which include corrugated metal covers.

a. Wiring of different voltage levels shall be in segregated raceways. Exceptions include wiring to rooftop receptacles, rooftop motor controls and motor disconnect early-break auxiliary contracts may share raceways with motor power wiring.

b. New feeder circuits shall not be spliced. Reworked existing 600 volt feeder circuits which must be spliced shall be spliced with solderless compression butt-splices or ring lugs and shall be terminated with solderless compression lugs. No splices shall be pulled into conduits.

c. All circuits shall be analyzed for voltage drop.

d. Branch circuit wiring, including power, lighting, controls and instrumentation may be spliced with wing-nut connectors. Wing-nuts without threaded metal inserts are not acceptable.

e. Home runs of 20 amp branch circuits that exceed 150 feet shall be No. 10 AWG conductors.

f. Neutrals on home runs of multi-wire branch circuits shall be upsized one wire size to allow for the increase in neutral current due to non-linear loads.

g. Shield drain wires on controls and instrumentation cables shall be grounded on one end only. The shield and drain wires on the other end shall be cut back and taped to be isolated from ground.
Executive Planning Meeting 8/12/13

- ABC Advertisement update
  Published end of August to run Aug-Sept.
  Gamma Phi Beta
  Will not run advertisement at this time for only one project.

- Status of projects for Classes
  Ten floor most likely still have coat. When class starts
  Parking deck open TH
  Scott/NERE - Inside essentially done

- Move-in this weekend

- City Inspections
- Shelby lights
- Love: Bryce/CA guidelines
- Brooks: Training Wednesday
- Skinner: Try working in the corner
- Henson: Aren comp. mtg Tuesday. Move to 4? Check this calendar.
- Mc كذلك: Solours issues w/t. Farmer
- Magnolia lights him
- Briton: Design guidelines
- Christmas work

- Chad Wilson - Child Protection
- New Heart Co-op