

# ADVISORY BOARD CALENDAR

**February 15, 2012**

Calendar #	Submission #	Type of Request	Status	Fee
49270CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from February 11, 2009 meeting. 1) Size of main bonding jumper not shown. 2) Remove neutral bonds on emergency side disconnect switches, not a separately derived system, ground chassis only. 3) Do not bubble corrections. 4) Does fire pump service switch have rear doors? 230.64(B)(4). Job finalized 8/3/12.				
50869CO2		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from October 19, 2011 meeting.				
50874CO3		Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over November 9, 2011 meeting. 1) Special permission requested for clearances. 2) Fused disconnect switch required for portable generator. 3) Circuit breaker settings to be locked and tamperproof..				
50899CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from October 19, 2011 meeting. Coordinate single line at drawing 411 with room and equipment elevation. Job finalized 3/26/12.				
50911CO		Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over from October 19, 2011 meeting. 1) Show all clearances in 5KV service room and verify that room is ventilated. 2) Fused disconnect switch required for portable generator. 3) Drawings not in Advisory Board format. 4) Generator disconnect switches shown on 1-lines, not room layout. 5) Describe what work is new and what was existing and refurbished. 6) Are feeders new or existing? 7) Drawings numbers must be in sequence.				



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50935CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from October 19, 2011 meeting. Provide size of equipment grounding conductor on load side of fire pump. Job finalized 3/27/12.				
50936CO		Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over from October 19, 2011 meeting. 1) ATS#9 not identified on drawing 50565. 2) Normal feeds supplying fire pumps not shown. 3) Neutrals in emergency switchboard bonded 3 & 4 pole ATS' are being used. 4) Vertical bus sizes in ASCO gear not shown. 5) Someone who knows this job to appear at next meeting to explain job to the Board. 6) Review not complete.				
51001CO		Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over from December 14, 2011 meeting. 1) 5' clearance required in front of MDV switchboard. 2) Verify if transformer is being fed from the top or bottom. 3) New electrical distribution room is not code compliant.				
51012CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from December 14, 2011 meeting. 1) Show conductors after transition boxes ATS'. 2) Show board ESDB-10 bus bar sizes. Job finalized 7/25/12.				
51035CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from January 11, 2012 meeting.				



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51037CO		Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over from January 11, 2012 meeting. 1) Service room doors to open outwards. 2) Indicate bonding and grounding including bus/conductor sizes. 3) Permission is granted for 6'-4" clearance.				
51048CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from January 11, 2012 meeting.				
51066		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51067		Requested approval for the electric service equipment proposed to be installed	Denied	\$650.00
Received 2 room layouts only. No one line.				
51068		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00



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51069		Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
<p>1) Verify job address in title block. 2) 5' clearance required in front of new service switch. 3) is wireway in front of new service switch or above it? 4) Service entrance equipment grounding conductor undersized. 5) Conductors and wiring methods on line and load side of the transformers not shown. 6) Transformer not grounded. 7) Confirm AT &amp; T panel is within 25' from transformer.</p>				
51070		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Verify equipment grounding conductor sizes for service entrance conductors supplying switchgear. 2) Equipment grounding conductor supplying 60 amp service switches and fire pump undersized. 3) Identify which breakers feed emergency load vs non emergency loads. 4) ASCO board, bus must be 12" off of finished floor. 5) Confirm that top breakers are 6'7" to the handles, ASCO gear. 6) Confirm current on main bus will not exceed 10,000 amps, ASCO gear, with possible future generators. Job finalized 3/26/12. 2/28/17 - 1. Dwg 3 of 5- normal feeder to fire pump ats required to be 2 hr fire rated. 2. Can't bubble the revision. Bubble use for new drawing only. 3. Dwg FP 1 of 2 verify FA disconnect switch is 100A or 200A. 4. Dwf FP 2 of 2. All emergency equipment (ATS) required in separate EM. Electrical room 3/27/17 - 1) Verify if ATS in F.P 90 2 of 2 is not emergency ATS. 2) Clearly identify the existing &amp; new equipments in FP 1 of 2 &amp; 2 of 2 7/14/17 - item No 1 is not addressed Dwg FP90-02 of 02 11/27/17 - swap dwg AB80-01 OF 5 Rev 4; AB80-02 of 5 Rev 4; AB80-03 of 5 Rev 5, AB80-04 of 5 Rev 4; SB80 1 of 18 Rev 5; 2 of 18 Rev 3, 3 of 18 Rev 6, 4 of 18 Rev 3; 5 of 18 Rev 7, 6 of 18 Rev 5, 8 of 18 Rev 2, 9 of 18 Rev 3; 10 of 18 Rev 1; 11 of 18 Rev 3, 12 of 18 Rev 2, 13 of 18 Rev 1, 18 of 18 Rev 3; FP90 1 of 2 Rev 0, 2 of 2 Rev 0, FP80 1 of 2 Rev 2, 2 of 2 Rev 0; AB80 5 of 5 Rev 3 2/28/18 - swap dwg AB80 2 of 5 Rev 5, AB80 3 of 5 Rev 5, SB 80 17 of 18 Rev 4, FP80 1 of 2 Rev 3 3/30/18 - swap dwg 3 of 5 Rev 7 NO MORE SWAPS</p>				
51071		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>Verify conductor and conduit sizes. Job finalized 8/17/12.</p>				
51072		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Short circuit calculations not provided at meter banks. 2) Jockey pump cannot be tapped from the fire pump controller. Job finalized 5/7/12.</p>				





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51073		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
Verify that this is a 1000KVA service or show existing service equipment on 1-Line.				
51074		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51075		Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
1) Provide manufacturer cut sheet of panelboard MDP-1 showing its rating. 2) There are more than 6 service switches				
51076		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Submittal is not in Advisory Board format. 2) Provide individual room (area) layouts showing clearances.(Clearance dimensions in the room). Job finalized 10/17/12.				
51077		Requested approval for the electric service equipment proposed to be installed	Denied	\$650.00
1) Short circuit curves not provided. 2) Voltage notes on drawing incorrect. 3) Manufacturer of equipment not shown. 4)Section bus sizes not shown. 5) Fuse types not shown on drawing. 6) Fire alarm system to be fused on normal and emergency sides. 7) Emergency generator to pick up fire pump fire and elevator if there is one.				



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Calendar #	Submission #	Type of Request	Status	Fee
51078		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Verify that occupancy does not require fire pump and fire alarm connection to emergency generator. Job finalized 1/14/13.				
51079		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Show fusing on emergency side. 2) Verify that emergency fire pump branch circuit is fire rated. 3) Correct fire pump connection. Job finalized 1/14/13. 4/617 Swapped drawing 1, Revision 1.				
51080		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51081		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Verify that the bubbled items are the only new work(all job is new) remove bubbles. 2) Fire pump and fire alarm must be bonded even this is a 3W system(Neutral ended in board). 3) Remove F.A, trans bonding. 4) verify that ATS "C-ATS-02" has integral service disconnects. 5) Issues in short circuit study must be addressed.				
51082		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Show clearances inside of the generator room. 2) Equipment grounding conductors undersized for generators feeders. Verify if 250.122(F) is appliance? 3) Show electrical ground electric. 4) Provide egress/steps behind generators enclosures. Job finalized 8/9/12.				



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51083		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51084		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Tapped conductor to 100 amp disconnect switch undersized. 2) Fire alarm service switch neutral to be bonded to enclosure. Job finalized 4/23/12				
51085		Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
1) Show second fusing. 2) Provide supplemental ground.				
51086		Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
1) Show clearances in generator room, indicate front and rear of switches. 2) Generator neutrals not to be bonded to enclosures. 3) Trans for switches require rear access.				
51087		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Service room to be mechanically ventilated. 2) Equipment grounding conductors undersized. Job finalized 8/2/12.				



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Calendar #	Submission #	Type of Request	Status	Fee
51088		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51089		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Neutral not bonded in 100 amp service switch. 2) Show AIC at womens exchange panel. 3) Service room doors to open outwards. 4) Section 4 describe boxes 1-Line. 5) Neutral link to be on line side. 6) Show correct voltage on drawing. Job finalized 5/7/12.				
51090		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Neutrals in service switches not bonded to enclosure's. 2) Show front clearances in room layout. 3) Provide short circuit calculations. Job finalized 7/31/12.				
51091		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Primary switch at 208V is undersized for the in-rush current. 2) Provide GFI at secondary of transformer.				
51092		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Undersized tap conductor. Job finalized 3/27/12.				





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51093		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51094		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51095		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51096		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51097		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
11/25/13 Swapped Rev 2				



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Calendar #	Submission #	Type of Request	Status	Fee
51098		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51099		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Verify lengths of 600 MCM transitions from MI cables. 2) Bus sizes not shown in new UPS switchgears. 3) Correct title block contractor's name. 4) Conductors undersized from gen to MI cable. 5) Indicate GFI protection. 6) Provide code required clearance for 4000A gen main CB.				
51100		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Indicate where front of generators switch is located. 2) Verify sizes of bus bars 25" x 7". 3) Emergency disconnect and service switches to be ground fault protected. 4) Tapped conductors undersized and lengths of taps not shown. 5) Generator cut sheet not provided. Job finalized 6/13/13. 11/6/17 - verify if sq DH361 30 service switch are bonded and grounded. 11/6/17 - swap dwg 1 of 2 rev 2 & 2 of 2 rev 2 11/30/17 - swap dwg # 2 of 2 Rev 3				
51101		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51102		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide sizes of equipment grounding conductors on fire pump and fire alarm. 2) Show bonding of fire alarm switch and fire pump. 3) Verify that Jockey pump controller is listed as service equipment. 3/19/14 1) 2000 amp service switch overfused. 2) EGC required in FMC for 10' tap. 7/18/14 Job finalized. 3/24/15 Swapped drawing 1, Revision 4.				



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Calendar #	Submission #	Type of Request	Status	Fee
51103		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Tapped conductor to 800 amp disconnect switch is undersized. Job finalized 8/7/12.				
51104		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) 4 sets 9f 500 MCM fused at 1600 amps. 2) Redesign service and distribution areas so access is readily available. 3) Provide details of grounding systems grid. 4) Remove neutral bond in fire alarm switch. Job finalized 3/21/12.				
51105		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51106		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Bus sizing not shown in panels DS-UPS-B and DS-UPS-A. 2) Verify section bus sizes in panel DS Mech-B. Job finalized 8/8/12.				
51107		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00



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51108		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51109		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51110		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51111		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Provide supplemental and ground terminals in service switches. Job finalized 3/26/12.				
51112		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00





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Calendar #	Submission #	Type of Request	Status	Fee
51113		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51114		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
2 sets of 400MCM overfused, service Switch #1. Job finalized 3/26/12.				
51115		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
TVSS switch in same cubicle that supplies the fire pump. Job finalized 3/26/12. 8/21/14 Swapped A-Rev 5, B-Rev 4 and C-Rev 6.				
51116		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify if new switchgear is rear accessible. 2) Are emergency load feeding life safety or normal loads, ground fault indication or ground fault protection required. Job finalized 3/27/12.				
51117		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00



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Calendar #	Submission #	Type of Request	Status	Fee
51118		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51119		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51120		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
11/27/13 Swapped Rev2 A and B.				
51121		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51122		Requesting permission to replace an existing 3000 amp service switch in a existing enclosure without a formal Advisory Board submittal.	Approved	\$0.00
Code: 110.2(B)(1).				



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Calendar #	Submission #	Type of Request	Status	Fee
51123		Requesting permission to leave existing electrical equipment mounted to the wall behind a new replacement at 4160V emergency switch gear where the clearances do not comply with Table 110.34A Condition 3 which requires 6' clearance.	Denied	\$0.00

