

# ADVISORY BOARD CALENDAR

**November 9, 2011**

Calendar #	Submission #	Type of Request	Status	Fee
50744CO2		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from July 13, 2011 meeting. 1) Switchgear #1 horizontal main bus shown as (4) 4"x 1/4" which is undersized. Provide 700A/sq". 2) Provide documentation/copy DOB filing permit to confirm applicable code date. 3) Second set of revised drawings are required. Job finalized 8/7/12.				
50874CO		Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over from September 14, 2011 meeting. 1) Rear of switchboard clearances to comply with Table 110.34. 2) Correct Typos on 1 Line drawing, bus sizes, grounding connection. 3) NYC amendment to bus sizing dos not comply with 408.51.				
50893CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from October 19, 2011 meeting.				
50901CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from October 19, 2011 meeting. Provide 48" front clearance in front of new 800 amp disconnect switch Table 110.26 Condition 3. Job finalized 11/30/11. 6/27/16 Swapped drawing A-Revision 3				
50913CO		Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over from October 19, 2011 meeting. 1) Service entrance conductors to 1200 amp service switch undersized. 2) 350 MCM overfused. 3) Disconnect switches misidentified as service switches. 4) Emergency disconnect switch for fire pump, fuse size not provided. 5) Verify that FAB-AM Electric is a listed switchgear shop. 6) Through bus undersized 3-1/4x4. 7) Emergency side fire alarm disconnect switch neutral bonded. 8) ATS emergency and normal reversed. 9) Emergency side of fire pump overfused. 10) Identify type of breakers used on generator.				



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50922CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from October 19, 2011 meeting.				
50933CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from October 19, 2011 meeting. 1) Confirm that clearances of equipment meet conditions of Table 110.26. 2) Transformer secondary ground to connect to watermain on collector bar. 3) Verify key interlock for service switch. 4) Provide conductor sizes on drawing. 5) Equipment fence to be 8' high. 6) Provide neutral link in distribution board. 7) Verify if ATS is 3 or 4 pole. 8) Provide overlay curves for medium voltage fusing. Job finalized 11/28/11. Job was originally Ok, but status on 11/9/11 meeting.				
50945CO		Requesting permission to leave as installed existing (9) sets of 500MCM cables between the property line box and the service switchboard. The existing switchboard has (2) 2000A service switches both metered via one Con Ed CT cabinet. The building has subleased the 5th floor and the owner wants to meter their load separately. No additional loads will be added to the building. The existing fuses in both 2000A service switches will be 1500 each. A sign will be added to the front of the service indicating 1500A max fuse size for both service switches. The new service switch will be 400A. Existing service conductors are rated for 3,420 amps and the sum of the service switch fuses will be 3,400 amps.	Hold	\$0.00
Carry over from October 19, 2011 meeting. Provide load letter from Con-ED not summary statement.				
50954		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
Verify that all equipment has rear doors.				
50955		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide size of main bonding jumpers. 2) Provide interlocking scheme. 3) Verify that emergency feeders are not run through the service room. 4) Remove neutral bond on emergency board. 5) Provide size of conductors feeding the fire alarm ATS. 6) Provide hinged rear doors on switchgear. 7) Provide sequence of operations for fire pump and F.A. transfer switches. Special permission required for multiple transfer switches in F.A. and F.P. circuits. Provide cuts on service rated ATS, or remove extra transfer switches (preferred solution). 8) Equipment ground conductor on generator feeder undersized. 10/3/14 Job finalized 11/3/17- swap dwg 1 of 2 Rev 4 , 2 of 2 Rev 4				



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50956		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Verify front clearance in front of new service switch. Job finalized 12/15/11.				
50957		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Verify that switchboards have rear doors. 2) Feed for fire pump taken from cubicle that contains overcurrent protective devices. 3) Fire pump brand circuit undersized. 4) Provide size of main bonding jumpers. 5) Fire pump service switch not shown on room layout drawing. 6) Confirm services not overloaded in single-ended operation. 7) Selective coordination not achieved per code. 8) Gen breaker requires GFP (standby power). 9) Feeder to MCC-E on emergency and ATS sides undersized. 10) Normal side tap for fire pump to be line side of service disconnect.				
50958		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Verify if emergency feeders are ran through the service room. 2) Fire pump emergency feeders must be fire rated. 3) Show elevation to bottom of service pull box in front of fire pump switch. 4) Fire pump emergency fuse undersized (150%). 5) Confirm F.A, disconnects are rated for F.A. application. 6) Identify how space for ATS(DP-EM); ATS(FACP) is enclosed. 7) Identify min HT above floor for live bus in distribution switchboard sections.				
50959		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50960		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
50961		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50962		Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
1) Provide OCPD for portable generator connections where entering building provide feeder size. Provide method intended to connect portable gens, will normal switch be hot? 2) Provide hinged rear doors on switchboard.				
50963		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50964		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50965		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Show existing service grounding. 2) Provide overcurrent protection on transformer primary. 3) Show backwith reverse power relay on 1-line and CT's. Job finalized 12/28/11. 4/23/14 Swapped A-Rev 2. 10/14/14 Swapped A-Revision 3. 3/24/15 Swapped Drawing A-Revision 4. No more swaps.				





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Calendar #	Submission #	Type of Request	Status	Fee
50966		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Show F.A. switch on room layout. Job finalized 11/29/11. 6/19/14 Swapped A-Rev 3 and B-Rev 1.				
50967		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Verify that emergency feeders are not ran through the service room. Job finalized 11/30/11.				
50968		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Door in emergency room to open outwards. 2) Verify that emergency feeders are not ran through the service room. 3) Relocate neutral conductor for F.P. and F.A. on line side of disconnect link. 4) Correct phase and neutral bussing CT compartment. Job finalized 11/30/11.				
50969		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Where is the CT located? 2) Provide cut sheet of the Con-Ed box. 3) Fire pump circuit not fire rated. Job finalized 12/15/11.				
50970		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
50971		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Show all clearances in service room, existing switchboards C. 2) Verify that neutral is not bonded in new switch. 3) Verify that there are no doors in the service room. 4) Verify that there is not more than 6 service switches. 5) Verify what is new and what is existing. 6) Drawing not in Advisory Board format.				
50972		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify that FAB am is a listed switchboard manufacturer. 2) Trans S meter pan can not be modified(lugs). 3) New 1600 amp service switch overfused. 12/2/14 Job finalized.				
50973		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Show second fusing off of 1200 amp service switch. 2) Service room to have two means of egress, very bad condition. It is recommended that the wall dividing service rooms be removed. 3) Provide pictures of the service rooms.				
50974		Requested approval for the electric service equipment proposed to be installed	Denied	\$650.00
1) Verify that feeders are not ran through the service room. 2) Provide size of main bonding jumpers. 3) Verify that ATS-EPP-ELEV is a 3 wire load without neutral.. 4) Show how 4 sets of 600 MCM terminate on a 800 amp disconnect switch. 5) Verify that temperature limitations of 75 degree lugs are not exceed. 6) Emergency feeders are overfused. 7) Generator room layout not provided. 8) Verify that rear of boards comply with Table 110.26. 9) Provide supplemental grounds. 10) All service switches to shall have a grounded conductor.				
50975		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Fire pump emergency circuit breaker undersized. 2) Life safety panel not to be n service room and the feed for the life safety panel shall not be taken off of the ATS, not 1 line drawing 3rd device. Job finalized 3/26/12.				



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Calendar #	Submission #	Type of Request	Status	Fee
50976		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Provide size of ground bus. Job finalized 12/15/11.				
50977		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50978		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
50979		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Verify that emergency feeders are not ran through the service room. Job finalized 3/7/12. 7/15/14 Swapped 1 and 2, Revision 2, Ok with the stipulation that fire rated enclosures must comply with the following: 1) A.P.E. or R.A. must file a PW1 as an Alt 3. 2) A special Inspection TR1 form must be submitted by a licensed fire inspection agency to sign off on the fire proofing installation. 3) The fire proofing must be performed by a certified fire proofing installer.				
50980		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify that emergency feeders are not ran through the service room. 2) Verify that service room that contains the transformer is ventilated, north tower. Job finalized 12/15/11.				



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Calendar #	Submission #	Type of Request	Status	Fee
50981		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Show clearances in front of new equipment. 2) Service room door to open outwards. Job finalized 3/8/12.				
50982		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50983		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50984		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Bus in RDP panel undersized. Job finalized 11/30/11.				
50985		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Fire pump branch circuit undersized. 2) Switchboard "MDB" section bus undersized. 3) Verify if 3 or 4 pole ATS' are being used. 4) 1 Line drawing does not match manufacturers cut sheet. Job finalized 12/7/11.				





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Calendar #	Submission #	Type of Request	Status	Fee
50986		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Existing fire pump branch circuit and emergency fusing not provided. 2) Show vertical bus size in last cubicle "WZ". 3) Bus on line and load side of 5000 amp service switch undersized. Job finalized 5/8/12.				
50987		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide amperage of spare service switch #6. 2) Feeders off of 1600 amp service switch not identified. Job finalized 12/15/11.				
50988		Requesting permission to leave as installed AC cable that does not contain an insulated equipment grounding conductor as a wiring method in a place of assembly where it will be a hardship to replace the wiring	Approved	\$0.00
Code: 518.4.				
50989		Requesting permission to replace an existing defective 3000 amp Pringle service switch and 2500 amp fuses with new.	Approved	\$350.00
Code: 110.2(B)(2).				
50990		Requesting permission to leave as installed electrical metallic tubing as a wiring method to a special service fire pump with a automatic transfer switch for future connection to an emergency generator where it will be a hardship to replace the EMT to the 23rd floor.	Denied	\$350.00
Code: 695.6(B)92)				



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50991		Requesting Concept Approval for:	Approved	\$0.00
With the stipulation that full Advisory Board drawings are submitted in the future.				

