

**COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION**

**Methane Gas Plan Protection System
Checklist**

Effective immediately, the following items must be submitted to this office for all plan check reviews:

- Three sets of methane plans, wet stamped and signed by a California Registered Civil Engineer, are required for review and approval. In addition, a copy of the paid Building and Safety fees must be submitted for the review process to commence. Lastly, the electrical plans for this project must be submitted to our division and will be reviewed by the Building and Safety Division, Electrical Section.
- One set of wet stamped architectural and structural plans must be submitted. This requires only the submittal of the cover sheet of the architectural and structural plans, with a note referencing to the methane gas plans, acknowledging the presence of a gas control system. This note should be easily detected (i.e. - bold print, cap lettering, bigger font, etc.) The following notes should be stated on the respective plans:

"The undersigned project structural engineer acknowledges the presence of a methane gas protection system under the structure. Said system has been designed by "enter structural firm name here" and reviewed and approved by the County of Los Angeles. No coring, cutting, drilling or other penetrations of the structure shall be done without the prior written approval of the Building Official of the County of Los Angeles."

"The undersigned project architect acknowledges the presence of a methane gas protection system under the structure. Said system has been designed by "enter architect firm name here" and reviewed and approved by the County of Los Angeles. No coring, cutting, drilling or other penetrations of the structure shall be done without the prior written approval of the Building Official of the County of Los Angeles."

- For all methane gas protection systems, final approval will be granted by the Environmental Programs Division. For all electrical installations, including soil classification, the Building and Safety Division, Electrical Section will grant final approval.
- The County of Los Angeles has approved the following methane gas protection membrane barrier materials:
 - Liquid Boot (100 dry mils)
 - Liquid Boot PLUS (60 dry mils plus 20 mils LLDPE, 80 mils total)
 - Geo-Seal (80 dry mils)
 - VaporLock-m (80 dry mils)
 - HDPE (60 dry mils)

If you have any further questions on this matter, please contact Mr. Wu Tan at (626) 458-2193.