

APPENDIX D

CONSTRUCTION NOTES FOR MEMBRANE INSTALLATION

Membrane Installation:

1. All membrane installation shall be performed by a qualified firm with extensive experience in the installation of membrane specified.
2. Unless shown or noted otherwise, method of membrane installation, including jointing, seaming, and all other physical connections, shall be in accordance with the membrane manufacturer's recommendations.
3. All membrane field joints shall be overlapped and sealed a minimum of 3 inches. Unless shown otherwise, contact surface between membrane and any other surface shall not be less than 6 inches. All field joints shall be prepared over a smooth and hard surface.

All penetrations through membrane shall be sealed per details shown on plans using prefabricated boot(s).

4. All surfaces shall be trimmed smooth to the exact contours and elevations shown on the drawings. All loose earth, cobbles, wire tracks, and other foreign matter shall be completely removed.
5. Any necessary repairs to the membrane shall be patched with the lining material itself, lap-jointed as specified herein.
6. Any future work that will result in penetration of the membrane will require a permit from the Building Official prior to final approval of the plans.
7. A warning sign shall be installed in a prominent location within the building. The sign shall include such information as follows:

“Warning: A membrane is installed beneath the building floor slab to prevent methane gas intrusion from the soil. Any proposed penetration or alteration of the floor slab requires a permit to be obtained from the County of Los Angeles/City of _____ Building Official. It is illegal to remove this sign.”

The word “Warning” shall be in white letters, a minimum of 3/4 inch high, with the remainder 3/8 inch high and placed on red background.

8. All Federal, State, and local safety requirements shall be complied with.

9. All necessary permits from regulatory agencies, including Federal, State, regional, and local, must be obtained prior to start of any construction work. If, as a result of any agency's requirements, changes are made to these plans and specifications, then approval must also be obtained from the County of Los Angeles/City of _____ Building Official.
10. The contractor shall notify the Los Angeles Department of Public Works, Environmental Programs Division, at (626) 458-3517, two working days prior to the installation of the membrane.