ELECTRICAL NOTES CONT.

26. The contractor shall provide connection to all equipment requiring power. Verify exact location and type of connection. Coordinate exact junction box and power requirements for each panel. Ensure proper wiring and connections. Ensure all equipment, secure catalog costs for each item of equipment to ensure correct wiring to junction boxes, receptacles, etc., as needed to satisfy all requirements.

27. Electrical contractor shall be responsible for and pay for any damages caused by or resulting from defects in his work. The contractor shall, arrange and coordinate his inspection with other trades associated with this project, provide the owner with all certificates of compliance required for occupancy permits.

28. The contractor shall provide new panelboards; wiring with conduit and other electrical work as necessary. Run all conduits tight to the underside of slab and coordinate routing with all other trades.

29. All wiring devices including switches shall match the building standard as approved by the code.

30. All new outlets shall be installed on clear wall spaces; items improperly located shall be relocated as directed by architect/engineer at contractor's expense.

31. Provide all required temporary power and lighting to satisfy the project conditions and all safety standards.

32. Identify all junction boxes with their circuit number, panel and system voltage.

33. Lighting control, provide all required equipment including no. of poles, at each location.

34. Coordination of the owner's equipment installers; the electrical information provided is for permit, the contractor shall coordinate with the owner's equipment installer the exact electrical requirements required by the manufacturer for a complete wiring system.

35. The drawings are diagrammatic and reflect the intent of this project. The contractor shall review all documents before rendering his bid and shall make provision for all modifications required in the electrical design. Additional costs related to the installation, relocation, modification or addition of equipment required to satisfy the intent of this project will not be accepted.

36. For additional information see contract specifications.

37. Verify all panels, transformers, distri-panel, disconnect switches, etc., provide name, source and load on phase plates. Coordinate with architect.

38. Contractor shall coordinate location and electrical characteristics of equipment to suit actual equipment being provided.

39. Provide all additional wires required for switching and control functions indicated or required. Increase associated conduit size accordingly.

40. Electrical contractor shall coordinate his work with work of other projects and trades to avoid physical interferences or improper installation failure. Do so shall be cause for contractor to remove and reinstall his work at no additional expense to the owner.

41. Boxers shall verify local code requirements prior to bid submission and shall include all costs for complete compliance with code.

42. Verify field conditions for rework, room finishes, first cost, exact locations of fixtures, equipment, outlets, etc.

43. For 120 volt circuits 100 or over contractor shall provide and install no arc wiring throughout the circuit. For runs over 100', provide 14 and 100 wiring. For runs over 200', provide 18 and wiring.

44. Identify all new junction boxes.

45. Panelboard Notes

1. Panelboards shall be provided with copper busses, 5 in. equipment ground bus, isolated ground bus and bolt-on circuit breakers.

2. Panelboards shall be equipped with door in door frame. Manufacturer names plate with characteristics and all rated tags.

3. Contractor shall verify mounting of all panelboards prior to release for fabrication.

4. Panelboards shall be suitable for surface mounting.

5. Panelboards shall be provided with phenolic plastic stacked nameplates with the following:
   - 24 panel designation
   - 1-panel source of supply with circuit number
   - 1-panel feeder size

6. Panelboards shall be provided with phenolic plastic stacked nameplates with the following:
   - 32 panel designation
   - 1-panel source of supply with circuit number
   - 1-panel feeder size

7. Contractor shall check all panelboards for ungrounded conditions and balance panel.無論 panel is on or off, panel shall be closed and locked. Panel shall be closed and locked before resuming work on panel.

8. Fault current rating
   - Panelboards 60 A

9. Do not locate panelboards under ductwork or vapor, relocate as necessary.

10. Basic materials and methods.

11. New wiring shall be run in conduit with a minimum trade size of 1/2 inch copper.

12. Motors and vibrating equipment shall be connected with a motor appropriately sized and located to provide adequate noise isolation and flexibility acceptable to the owner.

13. Fittings, couplings and accessories shall be compatible with the conduit material.

14. Pull and junction boxes shall be provided where indicated and required of the type and size for the installation of the electrical system and shall be accessible, provided access panels as required by code.

15. In empty conduits, install a no. 10 wire on plastic pull wire.

16. All circuit conductors shall be marked or tagged in the panelboards and control panels to identify items served and their location.

17. All the boxes and conductors shall be marked to indicate the voltage, circuit number and type of system.

18. Equipment, electrical items and appurtenances requiring inspection, maintenance or manual operation shall not be installed in inaccessible locations. Provide access panels as needed.

19. Test all equipment, devices, appliances, wiring, etc., used, replace any and all defective equipment, devices, appliances, systems, wiring, etc., before completion of project.

20. Contractor shall visit the site to determine conditions which may affect the bid.

21. Work may need to be relocated as necessary to accommodate field conditions.

22. All conduits in the garage shall be installed exposed.

23. In areas where the contractor suspects the presence of asbestos, the contractor shall have the area tested by a reputable asbestos company. If asbestos is present the installation shall be made so that the existing asbestos will not be disturbed. In the event of problems, the contractor shall notify the use and all work shall be stopped until the asbestos, if any, has been removed. The contractor shall, at his own expense, be responsible for the proper handling and disposal of asbestos.

24. Coordinate location of all equipment with existing conditions. Locate as necessary.

25. None, comply and execute all decisions as required.

26. Where concealment is not possible, paint new conduits to match existing finishes.

27. All fixtures except type O shall be all listed for wet locations.
CLASS BLOCK COLUMN LUMINAIRE

NOTE:
1. PROVIDE 2 FIXTURES PER COLUMN.
2. SEE COLOR BURST & WIRING DIAGRAM SHEET C-5.

CONDUIT

4" SQUARE JUNCTION BOX

MOUNT 4" SQUARE JUNCTION BOX TO FLOOR.

CONDUIT CONNECTS FIXTURE TO JUNCTION BOX, STABILIZED THROUGH CONCRETE BASE.

CONNECT TO POS-60 WITH FLEXIBLE CONDUIT.

TYPE F LIGHT FIXTURE

NOT TO SCALE

TYPE C LIGHT FIXTURE

1. PROVIDE ALL HARDWARE FOR MOUNTING ON SAIL POLES.
2. USE NWL LIGHTING CATALOG HS-60P.
3. SAIL POLE MOUNT TENON FOR ROUND POLE.
4. SEE DETAIL 1, BAKER DWG LD-13.

NOT TO SCALE

TYPE A LIGHT FIXTURE

NOTE:
1. LIGHT POLE MODEL CANTO CN9600L
   COLOR: SILVER GREY, AS MANUFACTURED
   BY HESSAMERICA.
2. SEE DETAIL 1, BAKER DWG LD-13.

NOT TO SCALE

TYPE D LIGHT FIXTURE

NOTE:
1. BOLLARD CN900 MODEL, CN9600L
   COLOR: SILVER GREY, AS MANUFACTURED
   BY HESSAMERICA.

TYPE B LIGHT FIXTURE

NOTE:
1. LIGHT POLE MODEL CANTO CN9600L
   COLOR: SILVER GREY, AS MANUFACTURED
   BY HESSAMERICA.
2. SEE DETAIL 1, BAKER DWG LD-13.

NOT TO SCALE

TYPE E LIGHT FIXTURE

NOTE:
1. BEGA RECESSED WALL LUMINAIRE 2225 P.
2. SEE DETAIL 1, BAKER DWG LD-13.

NOT TO SCALE

TYPE B LIGHT FIXTURE

NOTE:
1. LIGHT POLE MODEL CANTO CN9600L.
   COLOR: SILVER GREY, AS MANUFACTURED
   BY HESSAMERICA.

2. SEE DETAIL 1, BAKER DWG LD-13.

NOT TO SCALE