

DISCLAIMER

The Project Design Coordination Checklist posted on the BuildLACCD website under Project Related Resources; Templates, Forms & Checklists; Section 02 DES Design Procedures is provided strictly as a tool for your use. It is in no way meant to be construed as an all-encompassing checklist nor as a replacement for other checklists that are required by either DSA or the PMO.



LOS ANGELES COMMUNITY COLLEGE DISTRICT

DEPARTMENT OF FACILITIES PLANNING AND DEVELOPMENT SUSTAINABLE BUILDING PROGRAM

PROJECT DESIGN COORDINATION CHECKLIST

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DEPARTMENT OF FACILITIES PLANNING AND DEVELOPMENT SUSTAINABLE BUILDING PROGRAM

PROJECT DESIGN COORDINATION CHECKLIST

COVER SHEET

| College: | |
|----------------|-----------------|
| Project Name: | |
| Project ID: | Sub-Project ID: |
| Company: | Reviewer Title: |
| Reviewer Name: | Signature: |

| Pages Section | | Date Reviewed |
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| | Architecture 590 Checklist | |
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| | 590 PHASE CHECKLIST | COO | RDIN | ATED | REMARKS |
|--------|---|-----|-----------|------|---------|
| ITEM # | ARCHITECTURAL | YES | NO | N/A | |
| | | | <u> </u> | | |
| 1. | Check paths of exiting to verify fire-rated construction provided at these exit paths | | | | |
| 2. | Doors for exiting swing in the direction of travel | | | | |
| 3. | Required rated rooms and exits are noted on the small | | | | |
| | scale plans | | | | |
| 4. | ADAf ixtures shown where required | | | | |
| 5. | ADA access provided in toilet rooms | | | | |
| 6. | Roof crickets shown where required | | | | |
| 7. | Large scale floor plans match small scale floor plans | | | | |
| 8. | Large scale floor plans are consistent with each other | | | | |
| 9. | Extent of ceramic wall tile <i>clearly</i> shown in plan and | | | | |
| 10 | elevation | | | | |
| 10. | Ceiling heights on reflected ceiling plan matches finish schedule | | | | |
| 11. | Location of walls on reflected ceiling plan match | | | | |
| | floor plans | | | | |
| 12. | Full height walls clearly shown on reflected ceiling plan | | | | |
| 13. | Bottom of shafts shown and detailed | | | | |
| 14. | Room finish schedule matches plans and elevations, including room | | | | |
| | names, room numbers, finishes, ceiling material | | | | |
| | and ceiling height | | | | |
| 15. | Door schedule matches plans and elevations including sizes, types | | | | |
| | and labels | | | | |
| 16. | All exterior walls, roofs and the underside of exposed suspended | | | | |
| 47 | slabs shall have insulation | | \square | | |
| 17. | Interior elevations consistent with floor plans | | Щ | | |
| 18. | Stair risers do not exceed 7" | | | | |

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| | 600 PHASE CHECKLIST | coc | RDIN | ATED | REMARKS |
|--------|---|-----------|-----------|------|---------|
| ITEM # | ARCHITECTURAL | YES | NO | N/A | |
| | | | | | _ |
| 1. | Property lines on survey or civil match architectural | | | | |
| 2. | Sheet titles match index | | | | |
| 3. | All sheets oriented in the same direction | | | | |
| 4. | All floor plan sheets to have north arrow | | | | |
| 5. | Building Is located behind set-back lines | | | | |
| 6. | Overall building dimensions match structural | | | | |
| 7. | Column grid lines match structural | | | | |
| 8. | Column and shear wall locations match structural | | | | |
| 9. | Column orientation match structural | | | | |
| 10. | Existing and new work clearly defined on site plans | | | | |
| 11. | All interior walls located | | | | |
| 12. | All doors located by dimension or by typical detail | | | | |
| 13. | Stair shafts are dimensioned and dimensions match structural | Π | | | |
| 14. | Elevator shafts are dimensioned and dimensions match structural | | | | |
| 15. | Mechanical plumbing shafts are dimensioned and dimensions are consistent with structural and mechanical plumbing | | | | |
| 16. | Slab depressions shown match structural | | | | |
| 17. | Sloping floors for drainage match structural and plumbing | | | | |
| 18. | Electrical panel boards located In rated walls with detail | | | | |
| 19. | Location of fire hose cabinets match plumbing | | | | |
| 20. | Provide exit signs at each exit door and at each exit corridor change of direction | Π | | | |
| 21. | Exit sign locations match electrical | | | | |
| 22. | Doors at electrical vaults and main electrical rooms swing out of | П | | | |
| 23. | these rooms and are provided with panic bars Provide two exits at main electrica1rooms when electrical service | | Н | | |
| | exceeds 1,200 amps | | | | |
| 24. | Architectural exterior door locations match civil and landscaping | \square | | | |
| 25. | Architectural exterior door threshold elevations match civil elevations | | | | |
| 26. | Elastomeric coating and floor drains provided at supply air plenums | | | | |
| 27. | Verify handicap path of travel | | | | |
| 28. | Plumbing fixture number and location to match plumbing | | | | |
| 29. | Floor sink and floor drain locations match plumbing | | \square | | |
| 30. | Check structural diagonal bracing for penetration of architectural | \square | \square | | |
| 31. | and mechanical items Check structural diagonal bracing for penetration of space behind | \vdash | H | ⊢ | |
| | exterior | Щ | Ш | | |
| 32. | Elevator guide rail tubes and counterweight tubes shown on plans | | | | |

| | 600 PHASE CHECKLIST | coo | RDIN | ATED | REMARKS |
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| ITEM # | ARCHITECTURAL | YES | NO | N/A | |
| 22 | | | | | |
| 33. 24 | Architectural equipment requiring power matches electrical | | | | |
| 34. | telephone and electrical) do not interfere with architectural | | | | |
| 35. | Roof deck elevations match structural | | | | |
| 36. | Fresh air intake shafts and plenums sheet metal lined | | | | |
| 37. | Construction of roof slopes match structural and specifications | | | | |
| 38. | Roof drain locations match plumbing | | | | |
| 39. | Roof drain discharges match civil | | | | |
| 40. | Roof slopes 1/4" at valley lines | | | | |
| 41. | Roof scuppers shown on elevations | | | | |
| 42. | Overflow drain through walls match plumbing | | | | |
| 43. | Roof curbs detailed on either architectural or structural | | | | |
| 44. | Check for obstructions above top of helipad slab elevation | | | | |
| 45. | All roof safety tie-backs and davit sockets located | | | | |
| 46. | Structural beams provided at each safety tie-back and davit socket | | | | |
| 47. | Floor slabs sloping to floor drains | | | | |
| 48. | Dimension strings tied to column grid lines | | | | |
| 49. | Dimension strings add to correct amount at large scale plans | | | | |
| 50. | A clear dimension of 18" provided at pull side of each interior door | | | | |
| 51. | A clear dimension of 24" provided at pull site of each exterior door | | | | |
| 52. | Light fixture locations and diffuser locations match electrical and mechanical | | | | |
| 53. | Accessible ceiling or ceiling access doors provided at fire damper | | | | |
| 54. | Elevator machine room duct and pipe enclosures shown | | | | |
| 55. | Electrical room duct and pipe enclosures shown | | | | |
| 56. | Stair pressurization ducts, hoistway vent ducts and smoke | | | | |
| | evacuation ducts to be enclosed in a 2-hour enclosure | | | | |
| 57. | Duct enclosures match mechanical | | | | |
| 58. | Provide section at fire rated corridors | | | | |
| 59. | Door hold open devices scheduled on door schedule match electrical locations | | | | |
| 60. | High tower locks scheduled on door schedule match electrical locations | | | | |
| 61. | Glass lights in doors should be 48" from the floor to the bottom of the light | | | | |
| 62. | Door louver locations match mechanical | | \square | | |
| 63. | Building elevations match plans: check roof lines, door and window | | | | |
| 64. | Wall sections match structural | | | | · · · · · · · · · · · · · · · · · · · |

| | 600 PHASE CHECKLIST | coc | RDIN | ATED | REMARKS |
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| ITEM # | ARCHITECTURAL | YES | NO | N/A | |
| 65. | Waterproofing and protection board shown at all below grade walls | | | | |
| 66. | Wall sections provided at each exterior wall condition | | \square | | |
| 67. | Finish floor elevations (including stair landings) match structural | | | | |
| 68. | Exterior edge of slab matches structural | | | | |
| 69. | Size of openings for windows and doors match structural | | | | |
| 70. | Exterior louver locations match mechanical | | | | |
| 71. | Exterior elevations show pipes, light fixtures, louvers, electrical cabinets | | | | |
| 72. | Visible mechanical equipment shown on exterior elevations | | | | |
| 73. | Above grade meters shown on exterior elevations and match plumbing locations | | | | |
| 74. | Fire Department connection shown on exterior elevations and match plumbing locations | | | | |
| 75. | Code required slgnage shown on exterior elevations | | | | |
| 76. | Verify glass types with specifications | | | | |
| 77. | Location of tempered lights or tempered "knock-out" lights shown in elevation | | | | |
| 78. | Exposed concrete walls have finish noted on elevations or specifications | | | | |
| 79. | General notes and details for waterproofing coordinated with soils report | | | | |
| 80. | Sloping kitchen hood ducts shown on architectural | | | | |
| 81. | Seismic joints are continuous throughout building | | | | |
| 82. | Verify ceiling heights with room finish schedule | | | | |
| 83. | Interior elevations of all major spaces should show visible engineering items | | | | |
| 84. | Partial height walls to have miscellaneous steel tubes in wall anchored to slab | | | | |
| 85. | Reinforcing for curbs, pads and floating slabs shown on architectural | | | | |
| 86. | Counter tops and cabinets deep enough for specified sinks | | \square | | |
| 87. | Architectural elevator shaft sections match structural and elevator | | \square | | |
| 88. | consultant drawings Architectural stair sections match structural | $\left - \right $ | $\left - \right $ | - | |
| 89. | There is a minimum clearance of 7' - 0" at the stair landing | \square | H | | |
| 90. | There Is a minimum clearance of 6' - 8" at the stair risers | \square | \square | | |
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| | 600 PHASE CHECKLIST | coc | RDIN | ATED | REMARKS |
|--------|---|-----------|------|------|---------------------------------------|
| ITEM # | STRUCTURAL | YES | NO | N/A | N N N N N N N N N N N N N N N N N N N |
| | | | | | _ |
| 1. | General notes agree with specifications | | | | |
| 2. | Column grids match architectural | | | | |
| 3. | Column locations match architectural | | | | |
| 4. | All columns located with rectangular grid locations (no radius locations) | | | | |
| 5. | Floor elevations match architectural and civil | | | | |
| 6. | Floor datum elevations match architectural | | | | |
| 7. | Elevator machine room slab elevations match architectural | | | | |
| 8. | Elevator pit elevations match architectural | | | | |
| 9. | Check pit elevations .and top of footings | | | | |
| 10. | Provide 7' - 6" clear In elevator machine rooms | | | | |
| 11. | Depressed slab locations match architectural | | | | |
| 12. | Depressed slabs are detailed | | | | |
| 13. | Raised slab locations match architectural | | | | |
| 14. | Raised slab locations are detailed | | | | |
| 15. | Roof elevations to match architectural | | | | |
| 16. | Roof slopes match architectural | | | | |
| 17. | All footing sizes are noted and footing elevations provided | | | | |
| 18. | Footing/foundation material complies with geotechnical report | | | | |
| 19. | Stepped footings shown on foundation plan | | | | |
| 20. | Foundation beams are identified and listed in a schedule | | | | |
| 21. | Check location and depth of underground piping versus location | | | | |
| | and depth of footings | | | | |
| 22. | Check sump pit locations and depths versus location and depth of | | | | |
| 22 | footings | | | | |
| 23. | versus framing and footings | | | | |
| 24. | Under slab subgrade preparation shown on plan and details | | | | |
| 25. | Under slab subgrade preparation complies with geotechnical report | | | | |
| | | | | | |
| 26. | Structural work complies with geotechnical report | | | | |
| 27. | Section through building to show over-excavation below slab and | | | | |
| 28. | footings if over-excavation is required Check footings/foundations for offset conditions | | | | |
| 29. | not detailed Footing elevations agree with site grades shown on civil | | | | |
| 30. | Edge of slab locations match architectural | \square | | | 1 |
| 31. | Edge of slab-on grade detail matches architectural | \square | | | 1 |
| 32. | Construction joint and control joint layout shown on the slab-on- | | | | 1 |
| | grade | | | | |
| 33. | All columns listed in column schedule | | | | |
| 34. | Column schedule lists correct length opt each column | | | | |

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| ITEM # | STRUCTURAL | YES | NO | N/A | |
| | | | | | |
| 35. | Verify column sizes on frame elevations | | | | |
| 36. | Concrete column encasements match architectural | | | | |
| 37. | Structural steel reinforced concrete Interfaces to be checked for | | | | |
| 38. | rebar clearance All beams listed on the beam schedule | | | | |
| 39. | Each steel beam has size shown | | Н | - | · |
| 40. | Each concrete beam has a scheduled beam type | | | | |
| 41. | All beams are located in plan | | H | | |
| 42. | Top of beams framing into each other shall match | | | | |
| 43. | Bottom of floor framing beams shall be above bottom of girders | | | | |
| | | | | | |
| 44. | Beam sleeves shown in concrete beams | | | | |
| 45. | Beam pipe penetrations shown in steel beams | | | | |
| 46. | Beam duct penetrations shown in steel beams | | | | |
| 47. | Shear studs noted on beams where required | | | | |
| 48. | Indicate camber where required in floor and roof beams | | | | |
| 49. | Slab openings dimensioned | | | | |
| 50. | Slab openings match architectural | | | | |
| 51. | Slab openings for electrical bus risers shown | | | | |
| 52. | There is a minimum clearance of 7-0" at stair landings | | | | |
| 53. | Expansion joint locations match architectural | | | | |
| 54. | In concrete slabs, all slab openings should have reinforcing shown | | | | |
| 55. | Required elevator guide rails supports shown | | | | |
| 56. | Required elevator counterweight rail supports shown | | | | |
| 57. | Show door and duct openings in concrete shear walls | | | | |
| 58. | Concrete reinforcing clearly shown at arched openings | | | | |
| 59. | Roof openings match architectural and mechanical | | | | |
| 60. | Roof framing at stairs provided to hang stair landing hanger rods | | | | |
| 61. | Bracing of bottom beams flanges at precast panels shown | | | | |
| 62. | Roof tie down locations match architectural (lateral bracing at | | | | |
| | bottom beam flanges may be required) | | | | |
| 63. | Davit socket locations match architectural | | | | |
| 64. | Mechanical/housekeeping pads shown on structural or architectural | | | | |
| 65. | Rebar splice lengths are defined in feet and Inches | | | | |
| 66. | Special structural details (x-bracing, beam bracing, outriggers) do | | | | |
| | not conflict with architectural, plumbing or mechanical) | | | | |
| 67. | Site retaining walls shown on structural, civil or landscaping | | | | |
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|---------|---|-----|----------|----------|---------|
| ITEM # | MECHANICAL | YES | NO | N/A | |
| 1 | | | <u> </u> | | 1 |
| 1. 2 | Mechanical room plans match accultectural plans | | | | |
| 2. | Mechanical root plan matches architectural root plan | | | | |
| 3. | Mechanical roof openings match structural roof openings | | | | |
| 4. | Mechanical equipment locations match structural | | | | |
| 5. | Building skin and glazing materials match Title 24 calculations (including IDM, BIM/REVIT) | | | | |
| ь. - | All equipment shown on schedules | | | | |
| 7. | All equipment shown on schedules also shown on plans | | | | |
| 8. | Control air compressors scheduled with wiring and control diagrams | | | | |
| 9. | Ceiling diffusers and grilles match architectural reflected ceiling plan (including BIM/REVIT) | | | | |
| 10. | Check beam/duct clearances above ceiling | | | | |
| 11. | Check beam clearances above ceiling at underside of roof taking into account sloping roof structure | | | | |
| 12. | Trace major ducts to determine interference with architectural, structural and plumbing (including BIM/REVIT) | | | | |
| 13. | At distribution loops the bottom of the duct insulation should be 6" above the proposed ceiling line | | | | |
| 14. | Ducts in shafts are sized to fit into the architectural shafts | | | | |
| 15. | Supply air intake openings shown on architectural | | | | |
| 16. | Exhaust air openings shown on architectural | | | | |
| 17. | Ventilation CFM's for smoke evacuation are shown on the drawings | | | | |
| 18. | Dampers located in all fire walls and rated ceilings | | | | |
| 19. | Combustion air provided for fuel burning equipment (generators, | | | | |
| | furnaces, boilers, water heaters) | | | | |
| 20. | Mechanical equipment power requirements match electrical | | | | |
| 21. | Ducts and piping should not run through electrical rooms or | | | | |
| 22. | elevator machine rooms (including BIM/REVIT) | | | | |
| 23. | Elevator hoistway venting to match architectural | | | | |
| 24. | Make-up air provided for boilers and water beaters | | | | |
| 25. | Emergency generator room adequately ventilated | | | <u> </u> | |
| 26. | Elevator hoistway vent to be sheet metal lined | | | <u> </u> | |
| 27. | AIC for elevator machine rooms to be located outside of the | | | <u> </u> | |
| 28. | machine rooms Mechanical bousekeeping pads shown and detailed on architectural | | | | |
| 20. | or structural | | | | |
| 29. | Extent of sound attenuation to be reasonable for the occupancy | | | | |
| 30. | Each room has supply and return/exhaust air (including BIM/REVIT) | Π | | | |
| 31. | Verify VAV zones based upon occupancy of spaces (including BIM/REVIT) | | | | |

| | 600 PHASE CHECKLIST | coc | RDIN | ATED | REMARKS |
|--------|---|-----|-----------|------|---------|
| ITEM # | MECHANICAL | YES | NO | N/A | |
| 32. | Return air wall openings provided at an full height walls | | | | |
| 33. | Thermostats are not located on glass walls or windows | | | | |
| 34. | Architectural door louvers provided where shown on mechanical | | \square | | |
| 35. | The CFM required from each VAV box does not exceed the VAV box capacity | | | | |
| 36. | The mechanical plans match the control drawing systems schematic | | | | |
| 37. | Kitchen equipment connections match kitchen drawings | | | | |
| 38. | Sloping hood exhaust ducts shown | | | | |
| 39. | Provide make-up air for kitchen exhaust hoods | | | | |
| 40. | Fire/life safety sequence Included in drawing set | | | | |
| 41. | EMCU and EMS panels located in plan | | | | |
| 42. | Duct lining is clearly shown | | | | |
| 43. | Heat gain In elevator machine rooms has been defined by the elevator consultant | | | | |
| 44. | All heat producing equipment Is located and identified | | | | |
| 45. | Supply and return piping provided at remote condensers | | | | |
| 46. | Drain line provided from fan coil units and packaged A/C units | | | | |
| 47. | Outside air plenums are sheet metal lined | | | | |

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| ITEM # | PLUMBING | YES | NO | N/A | |
| | | | | | 1 |
| 1. | Plumbing fixture locations match architectural | | | | |
| 2. | (Including BIM/REVIT) Location and type of fire department connection matches | | | | |
| | architectural | | | | |
| 3. | Roof drain locations match architectural | | | | |
| 4. | Plumbing utility plan locations and elevations match civil | | | | |
| 5. | Trace large plumbing lines to determine interferences with | | | | |
| | architectural, structural and mechanical (including BIM/REVIT) | | | | |
| 6. | Required beam penetrations are located in plan and elevation on | | | | |
| | structural | | | | |
| 7. | Verify plumbing riser locations In relation to floor beams | | | | |
| 8. | Locate underground piping in plan and elevation In relation to the | | | | |
| 9. | tootings Foundation/under slab drainage matches civil and geotechnical | | | | |
| | report | | | | |
| 10. | Locate floor drains, floor sinks and sump pits In relation to footings | | | | |
| 11 | | | | | |
| 11. | Location of site sump pumps matches civil | <u> </u> | | | |
| 12. | Piping should avoid electrical rooms and elevator machine rooms | | | | |
| 13. | Sufficient clear spaces provided at plumbing chases for pipes and | | | | |
| | carriers | | | | |
| 14. | Plumbing electrical requirements match electrical | | | | |
| 15. | Architectural plumbing chases are provided for plumbing risers | | | | |
| 16. | Fire hose cabinet locations match architectural | | | | |
| 17. | Floor sinks provided for mechanical equipment | | | | |
| 18. | Provide make-up water line with backflow device for cooling towers | | | | |
| 10 | | | | | l |
| 19. | Provide floor sink at each cooling coil bank | | | | |
| 20. | Coordinate location of above ground site valves and backflow | | | | |
| | preventers with twi and landscaping (including bio) (LVII) | | | | |
| 21. | Heating hot water systems will provide hot water within a | | | | |
| 22 | reasonable time | | | | |
| 22. | Plumbing flow switch/tamper switch locations match electrical | | | | |
| 23. | Exterior horizontal mechanical openings in slabs and roofs have | | | | |
| | drain and storm drain piping | | | | |
| 24. | Emergency generator muffler and exhaust piping is shown | | | | |
| 25. | Storage tanks coordinated with structural | | | | |
| 26. | Fire protection tank coordinated with structural | | | | |
| 27. | Verity underground fuel tanks are double-walled with a leak | | | | |
| 28. | Irrigation point of connection matches landscape drawings | \vdash | \square | <u> </u> | |
| 29. | Provide trap primers for floor drains and floor sinks | \vdash | \square | <u> </u> | |
| 30. | Provide plumbing connections as shown on the kitchen drawings | \square | | - | |
| | | | | | |

| | 600 PHASE CHECKLIST | COOF | RDIN | ATED | REMARKS |
|------------|--|-----------|------|------|---------|
| ITEM # | PLUMBING | YES | NO | N/A | |
| 31. 32. | Provide fire protection for kitchen hoods Provide grease trap for kitchen equipment | \square | | | |

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| | 600 PHASE CHECKLIST | COORDINATED | | | ED | REMARKS |
|--------|--|--------------------|----------|-----------------|-----|---------|
| ITEM # | ELECTRICAL | YES | NO | N | I/A | |
| | | | | | | |
| 1. | Main electrical room has sufficient space for electrical and | | | 1 | | |
| | transformers (room & equipment drawn to scale) switchgear | | | | | |
| 2. | Each electrical room has sufficient space for panels and | | | 1 | | |
| | transformers (room and equipment drawn to scale) | | | | | |
| 3. | Housekeeping pads shown on architectural or structural | | | | | |
| 4. | Emergency generator room sized for largest generator model | | | | | |
| 5. | Electrical switchgear, transformers and panels have minimum | | | | | |
| 6 | required clearances | | | ╢┝ | | |
| 0. | | | | | | |
| 7. | Location of equipment on electrical matches mechanical and | | | | | |
| 8. | Sufficient spare capacity provided at main switchgear, motor | | | iF | | |
| | control centers and emergency generators | | | | | |
| 9. | Check location of vertical bus risers with location of structural | | 1 | $\left \right $ | | |
| 10 | beams Slab apapings for hus ricers motch structure! Is actions | \square | - | ╢┝ | | |
| 10. | Siab openings for bus risers match structural locations | | | ╢┝ | | |
| 12. | Does architectural nave equipment that requires power? | | | ╢┝ | | |
| 12. | Power for architectural equipment matches architectural | | | ╢┝ | | |
| 15. | requirements | | | | | |
| 14. | Power for plumbing equipment matches plumbing power | | | 忄 | | |
| | requirements | | | | | |
| 15. | Location of light fixtures match architectural ceiling plan | | | | | |
| 16. | All wall mounted lights have mounting height shown | | | | | |
| 17. | All wall mounted lights are above or beyond door swings | | | | | |
| 18. | Verify emergency lighting provided where required | | | | | |
| 19. | All pendant (or chain) mounted lights have mounting height shown | | | | | |
| 20. | Disconnect switches provided for all mechanical, plumbing and | | | | | |
| 24 | elevator equipment | | | ╢ | | |
| 21. | Fire/life safety riser to show connection to fans and other | | | | | |
| 22. | Fire/life safety riser to show connection to elevator equipment | | | ╢╴ | | |
| | ·····,································ | | | | | |
| 23. | Fire alarm control panel is connected to emergency power or has a battery pack | | | | | |
| 24. | Provide life/safety speakers in mechanical, electrical, and fan rooms | | | | | |
| 25. | Fire control provided at kitchen hood exhaust ducts | | | | | |
| 26. | Duct smoke detector quantity and location match mechanical | | | 1 | | |
| •= | | | | ╢ | | |
| 27. | Receptacles not located in glass walls, windows or behind | | | | | |
| 28. | equipment Floor mounted recentacles to be dimensioned from grid lines or | $\left - \right $ | \vdash | ╢╴ | _ | · |
| | face of walls. | | | | | |
| 29. | Floor mounted receptacles to match architectural locations | | | | | |

| | 600 PHASE CHECKLIST | сос | COORDINATED | | REMARKS |
|--------|---|-----|-------------|-----|---------|
| ITEM # | ELECTRICAL | YES | NO | N/A | |
| 30. | Variable frequency drives required by mechanical or plumbing being supplied by electrical | | | | |
| 31. | Tamper switch provided at site pressure indicating valves | | | | |
| 32. | Telephone conduit provided from group controller to telephone room | | | | |
| 33. | Additional disconnect switches at elevator machine rooms were required | | | | |
| 34. | Conduit provided from elevator shafts to fire control room | | | | |
| 35. | Power provided to each EMS panel | | | | |
| 36. | Power to kitchen equipment is provided per the kitchen drawings | | | | |
| 37. | Hanging transformer details shown on architectural | | | | |
| 38. | Light switches not located in glass walls, windows or behind equipment | | | | |
| 39. | Locate in plan site vaults, transformer pads and duct banks | | | | |
| 40. | Locations of underground vaults, manholes and duct banks do not interfere with civil site utilities | | | | |
| 41. | Location of site light fixtures matches civil and landscaping | | | | |
| 42. | Light pole footing detail shown on electrical drawings | | | | |
| 43. | Provide power for irrigation controllers | | | | |
| 44. | All exterior lighting controlled by one time clock or one photo cell | | | | |
| 45. | Exterior light fixtures to be located in plan and elevation | | | | |
| 46. | Lights in fountains and pools must have junction boxes above the water level | | | | |
| 47. | Provide lighting on emergency power between the building exits and the property line | | | | |
| 48. | Each light fixture has a type noted | | | | |
| 49. | Each fixture type has been coordinated with the ceiling type (gypsum board, T-bar. fine line) | | | | |
| 50. | Sufficient lighting provided in elevator machine rooms | | | | |
| 51. | Provide lights in mechanical enclosures and inside air handlers | | | | |
| 52. | Provide emergency lighting in each elevator machine room | | | | |
| 53. | Check visibility of each exit sign | | | | |
| 54. | Provide a security riser if there is security in the project | | | | |
| 55. | Where there is door security hardware has electrical provided a | | | | |
| | door elevation showing conduit and location of each security item? | | | | |
| 56. | Halon system schematic provided | | | | |

| | 600 PHASE CHECKLIST | coc | RDIN | ATED | REMARKS |
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| ITEM # | ELECTRICAL | YES | NO | N/A | |
| 57. | Verify that mechanical is providing the fans, ducts and dampers required for halon | | | | |
| 58. | A telecommunication riser diagram has been provided | | | | |
| 59. | Provide emergency telephones in stairwells (high-rise) | | | | |
| 60. | Provide fireman's phone jack In stairwells and elevator lobbies (high-rise) | | | | |

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600 PHASE CHECKLIST ELEVATOR

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YES NO N/A

REMARKS

ITEM

- 1. Each elevator shaft dimensioned in relation to column lines
- 2. Each elevator pit dimensioned In relation to column lines
- 3. Each elevator platform dimensioned and located within the shaft
- 4. Sufficient vertical space provided at top of hoistway
- 5. Vertical clearances provided in elevator machine rooms
- Each floor must be served by an elevator large enough to be a medical alert elevator
- 7. Interior cab elevations and cab reflected ceiling plan provided
- 8. Adequate elevator hoistway venting is shown
- 9. Motorized damper with actuator outside of hoistway provided at hoistway vent exterior opening
- 10. Underslung elevators require large anchor footings at machine room
- ^{11.} Are any elevators required to be on emergency power and is this emergency power provided?
- ^{12.} Telephone home runs provided at each machine room to 24 hour manned system
- ^{13.} In elevator machine rooms there are the following criteria:
 - A 10 fc lighting
 - ^B Disconnect switches at the door
 - ^C Possible secondary disconnect switches
 - ^D Fan coil unit located outside of the machine room
 - ^E No pipes or ducts running through the machine room
 - ^F One receptacle on each wall
- ^{14.} Sufficient A/C capacity for elevator equipment BTUs
- ^{15.} Each elevator pit has a light and convenience outlet

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600 PHASE CHECKLIST KITCHEN

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REMARKS

YES NO N/A

- 1. Kitchen floor plans match architectural (columns and walls)
- 2. Structural shows required slab recesses

ITEM #

- 3. Architectural provides required base and floor finishes
- 4. Architectural provides required/desired ceiling finishes
- 5. Verify hood exhaust rated duct enclosures are provided by architectural
- 6. Mechanical provides required HVAC connections
- 7. Plumbing provides required fixtures and piping connections
- 8. Electrical provides required power
- 9. Lighting layout works with kitchen equipment layout
- ^{10.} Electrical panels located on kitchen drawings

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| ITEM # | CIVIL | YES | NO | N/A | |
| 1. | New above ground work is coordinated with hardscape and landscape | | | | |
| 2. | Grades agree with architectural and structural | | | | |
| 3. | Grades are consistent with adjoining property conditions | | | | |
| 4. | Exterior grades slope away from building | | | | |
| 5. | Building located in each direction in relation to the property lines | | | | |
| 6. | Finish floor elevations match architectural and structural | | | | |
| 7. | Verify handicap requirements for parking, covered parking and building access | | | | |
| 8. | Off-site work is coordinated with site work | | | | |
| 9. | Limits of construction are consistent with other disciplines | | | | |
| 10. | New and existing site easements shown | | | | |
| 11. | Required demolition is clearly noted | | | | |
| 12. | Removal and replacement of unsuitable soil clearly noted | | | | |
| 13. | Each paving type and thickness to be scheduled and graphically located on plan | | | | |
| 14. | All hardscape items (curbs, pads, walls, sidewalks, benches) are | | | | |
| 15. | detailed on architectural, civil or landscaping Fence and garden wall location and details match architectural and | | | | |
| 16. | landscaping Above ground utilities are shown on landscaping and architectural | | | | |
| 17 | site plan | | | | |
| 17. | Existing poles, valve boxes and mannoles do not interfere with new | | | | |
| 18. | New poles, valve boxes and manholes do not interfere with new | | | | |
| 19. | Subgrade work under paying and sidewalks defined | | | | |
| 20. | Underground utilities do not interfere with new or existing work | | | | |
| 21. | Utility points of connection at the building agree with plumbing | | | | |
| 22. | Planter drain locations and vertical elevations) | | | | |
| 23. | Fire Department site access to the building to be verified | | H | | |
| 24. | Expansion joints clearly shown on site concrete | | | | |
| 25. | Exterior slabs slope away from exterior floors | | H | | |
| 26. | Top of wall elevations match architectural and structural | | | | |
| 27. | Top of curb elevations clearly shown | | \square | | |
| 28. | Specifications for site drains, grades and piping coordinated with | | | | |
| 29. | plumbing Specifications identify existence of soils report and instructions for availability | | | | |

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| | 600 PHASE CHECKLIST | COORDINATED | | | REMARKS |
|--------|--|-------------|----|-----|---------|
| ITEM # | LANDSCAPING | YES | NO | N/A | |
| | | | | | |
| 1. | Hardscape plans match architectural and civil | | | | |
| 2. | Hardscape elevations match architectural and civil | | | | |
| 3. | Limits of construction match architectural and civil | | | | |
| 4. | All areas within the project limit of construction have landscape and | | | | |
| | irrigation | | | | |
| 5. | Off-site landscape and Irrigation shown on drawings | | | | |
| 6. | All hardscape shown and detailed on architectural, civil or | | | | |
| | landscaping | | | | |
| 7. | Irrigation controllers located in inconspicuous location | | | | |
| 8. | Irrigation sleeves shown under hardscape | | | | |
| 9. | Irrigation point-of-connection matches plumbing | | | | |
| 10. | Expansion joints clearly shown on site concrete work | | | | |
| 11. | Site lighting matches electrical | | | | |
| 12. | Plant sizes and spacing are scheduled | | | | |
| 13. | Tree staking/planting details provided | | | | |
| 14. | Above ground utilities shown and surrounded with planting | | | | |
| 15. | Site planter or tree well drainage coordinated with civil utility plan | | | | |
| 16. | Civil work complies with geotechnical report | | | | |

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600 PHASE CHECKLIST

COORDINATED

REMARKS

ITEM #

SPECIFICATIONS

YES NO N/A

- 1. All sections listed in the index provided
- 2. All sections complete
- ^{3.} Division One complete
- 4. Related sections listed part of the specifications
- 5. Verify that only specific submittals are required for submission
- ^{6.} Each section consistent with the drawings
- 7. Verify that all major elements of work are specified
- 8. Verify that all specialty and miscellaneous items are specified
- 9. Architectural finishes listed in the finish schedule should be specified
- ^{10.} Bid alternates should be clearly defined

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