

Master Document

| | General Comments | Disc. | Response | Status | Disposition |
|----|-------------------------|--------------|--|---------------|--------------------|
| 1 | Drawing C-6 | C | All comments in drawing C-6 have been responded to. | Completed | |
| 2 | Drawing C-8 | C | All comments in drawing C-8 have been responded to. | Completed | |
| 3 | Drawing C-9 | C | All comments in drawing C-9 have been responded to. | Completed | |
| 4 | Drawing C-10 | C | All comments in drawing C-10 have been responded to. | Completed | |
| 5 | Drawing C-13 | C | All comments in drawing C-13 have been responded to. | Completed | |
| 6 | Drawing C-14 | C | All comments in drawing C-14 have been responded to. | Completed | |
| 7 | Drawing C-1 | C | All comments in drawing C-1 have been responded to. | Completed | |
| 8 | Drawing C-2 | C | All comments in drawing C-2 have been responded to. | Completed | |
| 9 | Drawing C-3 | C | All comments in drawing C-3 have been responded to. | Completed | |
| 10 | Drawing C-4 | C | All comments in drawing C-4 have been responded to. | Completed | |

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| 11 | Drawing C-5 | C | All comments in drawing C-5 have been responded to. | Completed | |
| 12 | Correct title block layout to match SLAC standard. | Electrical | Orientation of titles have been changed on all drawings to comply with instructions. | Complete. | Titles have been corrected. |
| 13 | Lighting distribution should be 120V, not 277V, to match existing facilities. | Electrical | One line diagrams have been changed to show all lighting distribution panels at 120V. | Complete. | We do not consider this to be the best design for this project, in terms of cost or reliability. We have made the changes, but wish to pursue this design issue during Title 2. |
| | Change nomenclature from 'Support Buildings' to 'Service Stations' | Electrical | All drawings have been updated to reflect this change in nomenclature. | Complete. | This change was made for consistency between disciplines. |
| 14 | Drawing 383-108-50-CO - There is no service station adjacent to Building 406/407. The electrical equipment is to be located inside Building 406/407. | Electrical | The drawing has been changed to reflect this comment. | Complete. | The electrical equipment in question will be located inside Building 406/407. |
| 15 | Drawings 383-109-50-CO & 383-111-50-CO - The triangle symbol shown on the one line is not defined on the legend sheet. | Electrical | The triangle symbol has been added to Sheet M-0, Legend, Abbreviations and General Notes. | Complete. | The triangle represents 'packaged equipment'. |

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| 16 | Please use Manhole 54 (rather than MH 48) for the 12kv source for NEH, X-Ray tunnel, CLOC and FEH. | Electrical | All references to MH-48 have been changed to MH-54. | Complete. | During Title 2, it may be determined that the 'best' design is to include tie-ins at both MH-48 and MH-54. |
| 17 | The correct term is Central Lab Office Complex or CLOC. Not Central Lab Office Building (CLOB) | Electrical | All references to the CLOB have been changed to CLOC. | Complete. | In addition we have revised M-0, Legends, Abbreviations and Symbols, to include the FEH, NEH, CLOC and FEE. |
| 18 | Disregard the Sector 20 Electrical drawings and renumber the sheets for the LCLS. | Electrical | Sheet numbers have been revised. | Complete. | Sheet Nos. E-5 through E-10 have been renumbered to be E-1 through E-6. |
| 19 | Change nomenclature from 'Support Buildings' to 'Service Stations' | Mechanical | All drawings have been updated to reflect this change in nomenclature. | Complete. | This change was made for consistency between disciplines. |
| 20 | The correct term is Central Lab Office Complex or CLOC. Not Central Lab | Mechanical | All references to the CLOB have been | Complete. | This change was made for consistency between disciplines. |
| 21 | Provide size and locations of Fan-Coil Units in the BTH | Mechanical | A note will be added to give the unit size and where the units will be located. | Complete. | The Fan-Coil units will be hung from the ceiling and coordinated with other equipment in Title 2. |
| 22 | Revise the duct through the concrete and provide additional shielding at the BTH. | Mechanical | The duct will be revised and additional shielding will be added. | Waiting direction from Stan Mao | The ducts will be revised and additional shielding will be provided in Title 2 |
| 23 | Revise the Undulator tunnel shape to match the latest design. | Mechanical | The section will be updated. | Complete. | The sections have been updated and supply air duct located so it is not in the |
| 24 | There is no need to exhaust the beam dump, in that it is open to the FEE. | Mechanical | The exhaust duct will be deleted. | Complete. | The duct has been removed from the lower beam dump area and exhausts |

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| 25 | Remove the class 10,000 reference | Mechanical | The class 10,000 will be deleted | Complete. | The class 10,000 reference has been removed from the hutches and laser rooms in both the NEH and FEH |
| 26 | Remove the Fin Tube from the Stair in the FEH | Mechanical | The Fin Tube will be deleted | Complete. | |
| 27 | Add 1600 square feet to service station C and D. | Mechanical | The space will be added. | Complete. | The 1600 square feet has been added to each of the service stations on drawing M-12. |
| 28 | Remove the potable water from service stations unless required. | Mechanical | Potable water will be removed. | Complete. | Potable water has been removed from service stations B and C. Potable water remains in service station D for use as mechanical systems make-up water. |
| 29 | Change the "CW" to "DW" | Mechanical | The CW will be changed to DW | Complete. | Cold water designation has been changed to DW (domestic water). |
| 30 | | S | All comments in dwg S1 | Complete. | |
| 31 | | S | All comments in dwg S2 have been responded to | Complete. | |
| | | S | All comments in dwg S3 have been responded to | Complete. | |
| 32 | | S | All comments in dwg S4 have been responded to | Complete. | |
| 33 | TITLE SHEET (T-1) | | | | |
| 34 | Change discipline designation in title block from Architectural to General. | A | Comply | Complete | |
| 35 | SHEET INDEX (T-2) | | | | |

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|----|---|--------------|-----------------|---------------|--------------------|
| 36 | Remove symbols and Abbreviations and maintain sheet exclusively for drawing sheet index. | A | Comply | Complete | |
| 37 | Change discipline designation in title | A | Comply | Complete | |
| | Update title block with appropriate Sheet Descriptions and Drawing numbers. | A | Comply | Complete | |
| 38 | FIRE RATED DIAGRAM (T-3) | | | | |
| 39 | Clarify that areas of fire-rated construction are 1-hour fire resistive construction. | A | Comply | Complete | |
| 40 | Identify existing exits. | A | Comply | Complete | |
| 41 | | | | | |
| 42 | Central Laboratory Office Complex (L-2) | | | | |
| | Change drawing designation in title block from Conceptual Landscape Design to Central Lab and Office Complex. | L | Comply | Complete | |
| 43 | | | | | |
| 44 | | | | | |
| 45 | | | | | |
| 46 | Head House (A-6) | | | | |
| 47 | Change drawing designation in title block from Head House to Beam Transport Hall. | A | Comply | Complete | |
| | Beam Transport Hall (A-7) | | | | |
| 48 | Remove Section Cut symbol from enlarged floor plan. | A | Comply | Complete | |
| 49 | Undulator Hall (A-9) | | | | |

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| 50 | Update Key Notes with appropriate descriptions and numbers. | A | Comply | Complete | |
| 51 | Change key note # 9 from service building to service station above. | A | Comply | Complete | |
| 52 | Fee/Beam Dump (A-10) | | | | |
| 53 | Verify beam dump dimensions | A | Comply | Complete | |
| 54 | Adjust dimension string to inside clear dimension. | A | Comply | Complete | |
| 55 | | | | | |
| 56 | | | | | |
| 57 | | | | | |
| 58 | NearExperimental Hall (A-11) | | | | |
| | Fix / Adjust Dimension string on west side. | A | Comply | Complete | |
| 59 | X-Ray Tunnel (A-13) | | | | |
| 60 | Add overall dimension of x-ray tunnel | A | Comply | Complete | |
| 61 | Add centerline of x-ray tunnel | A | Comply | Complete | |
| 62 | Designate offset distance of the tunnel skew to the centerline. | A | Comply | Complete | |
| | Far Experimental Hall (A-14) | | | | |
| 63 | Verify area of the Vacuum shop. | A | Comply | Complete | |
| 64 | Far Experimental Hall (A-15) | | | | |
| 65 | Update key note #7 to include Supports. | A | Comply | Complete | |
| 66 | General (A-16) | | | | |
| 67 | Remove pipe above cieling undulator hall cross-section. | A | Comply | Complete | |

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|----|--|--------------|-----------------|---------------|--------------------|
| 68 | Remove center light fixture from undulator hall cross-section. | A | Comply | Complete | |
| | Remove 4'-0" dimension for undulator hall cross-section. | A | Comply | Complete | |
| 69 | Central Lab office building (A-18) | | | | |
| 70 | Add basic overall dimensions | A | Comply | Complete | |
| 71 | verify / coordinate key notes | A | Comply | Complete | |
| 72 | | | | | |
| 73 | | | | | |
| | Central Lab Office Complex (A-19) | | | | |
| 74 | Lable all views | A | Comply | Complete | |
| 75 | | | | | |
| 76 | Central Lab Office Complex (A-20) | | | | |
| | Lable all views and key features | A | Comply | Complete | |
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