

STANDARD PLAN RELEASE SUMMARY(SPR)

Physical Facilities Department

Building Design: Legacy 98

LEG-TRA-98-11, LEG-NEW-98-11, LEG-CLA-98-11, LEG-COL-98-11

Release Date: May 2004

Release Number: 11

Summarized below is a list of modifications made to the Standard Plans, which are applicable to the Building Design indicated. This list is not intended to be exhaustive or detailed in nature, but is a tool for Project Managers and their consultants to quickly identify the changes made since the last Standard Plan Update. The **Priority Level** is intended to identify four levels of implementation for current projects in the late design phase or construction phase. Current projects in the planning phase or early design phase should incorporate all Changes where applicable. **Level 1 - Essential Priority:** Implement Change even if building is near Substantial Completion; **Level 2 - Important Priority:** Implement Change even when Change may require minor additional cost - if Change will require significant additional cost or time, Change is left to PM's discretion; **Level 3 - Standard Priority:** Implement Change at PM's sole discretion. **Level 4 - Low Priority:** Implement Change as appropriate to phase of project. Change should not affect cost or schedule.

Item No.	Affected Sheet No's and Detail No's	Affected Spec. Section	SPC No.	Description	Priority Level
1	A1.1, S2.4			Doors 157A & 158A: Adjusted location of doors 157A & 159A slightly to allow space for proper installation of 6 LVL studs. Added dimensions to floor plan sheet A1.1 to indicate distance needed for clearance from wall. Revised details L & M /S2.4	2
2	A1.2, A1.4, A1.6, A3.1, A3.2, A5.4, A7.2, S2.1, S2.5			Draft stops: Removed all draft stops and draft stop doors per the International Building codes (IBC) for a building with an approved fire sprinkler system. Added an option folder on the CD that includes drawings showing the recommended locations of draft stops in non IBC jurisdictions.	3
3	A3.1, A3.2, A4.1, A4.3, A6.2			Organ Loft: Removed the upper walls above the Sacramento prep room & storage room 160 to make better usage of the organ loft space. The back wall of the rostrum is now similar in design to the Heritage meetinghouse. Removed the trim work around the motorized projection screen.	2
4	A3.4, S1.4			New England Style only: Added connection straps at the front wall connecting 5-1/2" LVL to 11-1/4" LVL for wind loads. Reference details E/A3.4 & A/S1.4	2
5	A3.5, A3.6, A5.2			Chapel Windows: Identified Window Type 'C' as an "Aluminum Storefront Window System." Added note on sheet A5.2 that the bottom panes of the Chapel windows are to be tempered.	1
6	A4.1, A4.2,			Light & speaker enclosures: Removed the rated enclosure boxes from over the recessed ceiling lights and speakers located in the Chapel and Cultural center. Removed details from sheet A4.2. <i>This only applies to International Building Code (IBC) jurisdictions.</i>	3

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7	A5.2	08701		Hardware Groups / Door Schedules: Removed all closers and fire rated doors and hardware from the corridor doors. Updated all hardware groups and the door schedule. Closers are to remain on all Chapel, Cultural Center and restroom doors. Push / Pull hardware to be installed on these doors. This only applies to International Building Code (IBC) jurisdictions. All other code jurisdictions will need to coordinate fire rating requirements.	3
8	A5.3			Vestibule framing: Raised the top plate elevation of the side entry vestibule wall from 115'-8" to 115'-8" 1/2". Revised detail E/A5.3	3
9	A7.3, E1.3			Storage building: Added storage building electrical plan on sheet E1.3. Deleted electrical information from sheet A7.3	3
10	All floor plans, A5.2, A6.6			Font Access: Deleted the font access doors that lead into the Relief Society room, doors 124A & 126A. Increased the size of doors 125A to 4'-0" leaves to allow for better viewing of the font. Updated door schedule.	3
11	All ME sheets	15915		Electric and Electronic control: Changed to T7350 communicating thermostat system.	2
12	AV1.1			Overflow speaker tap value: Increased tap value from 8 watts to 16 watts to improve sound system balance between chapel and overflow.	2
13	AV1.2			Satellite System: Removed the VCR from the satellite system design. Not needed in the system.	3
14	E1.1			Chapel Light switches: Moved the light switch bank in the Chapel forward, closer to the front of the sacrament table for easier access from the Chapel floor.	3
15	E1.2, FA1.1, M1.1, M2.1, Detail G/M3, ME2.1, ME2.3			Corridor Fire/Smoke Dampers: Removed the corridor fire / smoke dampers. Removed the mechanical fire / smoke damper power and associated notes from sheet E1.2 and removed same from fire alarm riser. <i>This only applies to International Building Code (IBC) jurisdictions</i> . Added new Option Sheet PM1.1 with fire / smoke damper details in the event the structure is fire rated.	3
16	E1.3	16741		Data Cabling: Added building data cabling. Added new specification Section for data transmission system in meetinghouses.	2
17	E1.3			Emergency Lighting: Reduced the amount of emergency lighting in the upper mechanical mezzanine due to elimination of the draft stop walls and doors.	3
18	E4.2			Sound Equipment Cabinets: Revised surface mount equipment cabinets to solve mounting depth issues. Reference details A & G/E4.2	3

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19	F2.1			Rostrum Casework: Elevation E/F2.1 - Changed the infill panel located at the bottom of the stairs next to the rostrum ramp to 'CARPET'.	3
20	FP1.1, FP1.2, FP2.1	13930		Recessed Sidewall Heads: Fire sprinkler heads in the foyers have been changed to recessed sidewall heads.	2
21	FP1.1, FP1.2, FP2.1			Fire Protection Piping: Piping has been added for the wet system. Head locations in mechanical areas modified.	3
22	FP1.1, FP1.3, A3.2, S3.1			Attic Sprinkler Heads: Single Direction attic sprinkler heads added to protect attic area. Added 2'-0" high gypsum board baffles in the truss space to facilitate sprinkler heads operation.	2
23	FP3.1	13935		Back Flow Prevention Valve Assembly: Double check valve assembly added and other related modifications to fire riser .	2
24	G1.1			Option Sheets: Added note to the Option sheet listing - 'ALL DRAWINGS LISTED IN THIS SECTION ARE IN THE OPTIONS FOLDER ON THE CD.'	4
25	LP1.1			Lightning protection: Updated the lightning protection plan.	3
26	M1.1			External Duct Insulation: Exhaust ductwork in ceiling space over rooms 110 and 147 is wrapped externally with duct insulation	3
27	M1.1, M4.1, ME2.3	15915		Electric Duct Heaters: Reworked ductwork where these heaters are installed, modified size of duct and heater, added installation detail, adjusted KW capacities, adjusted CFM, modified control sequence. This is specifically relates to cold weather climates.	1
28	M1.2			Furnace Vent Location: Aligned vents along long axis of building	3
29	M4.1	15532, 15671		Furnace and Condensing Units: Added Trane and York to specification as approved equipment. These items are no longer provided under the VMR program. Carrier, Lennox, Trane and York are the only approved suppliers / bidders for these items.	3
30	ME1.1			Conduit Routing: Changed the conduit routing to follow the roof line. Reference A/ME1.1	3
31	ME1.1			Notes: Change conduit for averaging to 3/4" size.	3
32	P1.1			Cold Water Supply to Sacramento Sink: Changed pipe size to 1/2".	3
33	P1.1			Sanitary Sewer Pipe Size: Changed pipe size of section under room 136 to COTG from 2" to 4". This is a code issue where a cleanout needs to be the same size as the pipe it serves.	3
34	P1.2			Natural Gas Riser: Adjusted BTUH input for furnace F-6	2

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35	P3.1, M4.2, Details A/P3.1, G/P3.1, D/M3.2			Detail Changes for non-fire rated structure: Eliminated details or modified parts of details related to fire-rated structure. <i>This only applies to International Building Code (IBC) jurisdictions.</i> Added new Option Sheet PM1.1 with these details in the event the structure is fire rated.	3
36	S1.1, S1.3, S2.4			Entry framing: Revised framing at front entries, especially where beam B-3 bears. Reference details Y/S1.3, F/S1.3, G/S1.3, K/S2.4 and footing and foundation plan.	3
37	S2.1			Classical & New England Framing: Wall on top of Beam B-16 changed to 2x4 at 24" o.c. in order to fit ducts. Changed to (3) 2x4 top plates.	2
38	S2.1, S2.2			Serving Area Dormer: Indicated dormer location over the exterior Serving Area door on the framing plan S2.1. Added framing details - New England: B/S2.1, M & N/S2.2. Classical: B/S2.1, K & J/S2.2. The dormer has been shown on the architectural drawings in previous releases, but not on the structural sheets.	3
39		02813		Underground Irrigation system: Added option for polyethylene lateral lines in Canada and in the Northern United States in USDA Plant Hardiness Zones 1 through 4.	3
40		02821		Chain link fencing: specified the types of slat by light-blocking capability.	4
41		03313		Normal weight structural concrete: Revised cold weather concreting requirements. Re-introduced Ff and FI slab tolerance requirements.	3
42		06072		Wood Preservative Treatment: Interior preservative treated wood must now be borate treated. All other treatments including the following are no longer acceptable: CCA, ACQ, CA. Exterior applications exposed to weather must be ACQ or CA and hot-dipped fasteners must be used. For projects under construction, if ACQ or CA sill plates are already installed, then hot-dipped galvanized fasteners will be required. If the sill plates are not down, then this change should be made.	2
43		06090		Wood and Plastic fastenings: Added requirements for fasteners used in contact with preservative treated wood.	2
44		06110		Wood framing: Added additional materials allowed for sill plates. Added requirements to review rough opening requirements in framing pre-construction conference.	3
45		06171		Structural composite lumber: Deleted StrucLam.	4
46		06250		Pre-finished exterior paneling: Updated sheathing requirements and added additional acceptable product.	4
47		06401		General architectural woodwork requirements: Clarified requirements for easing edges of architectural woodwork.	4
48		07271		Air Infiltration Barriers: Added additional product by ProtectoWrap.	4

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49		08411		Aluminum-Framed storefronts: Changed top rail in the doors and the sidelites to 6 inches. Made modifications to assure that rough openings will accommodate standard sized, factory fabricated storefronts. Clarified that Chapel windows are provided under this Section and are not Owner Furnished windows.	3
50		08521		Aluminum hung windows: Added windows acceptable to Dade County, Florida for high wind areas.	4
51		08701		General hardware requirements: Modified hardware groups to meet IBC 2000 code for sprinklered buildings. All other jurisdictions must modify the hardware groups to meet applicable local codes.	3
52		08810		Glass: Added note to specifier about laminated glazing in high wind areas for Dade County, Florida approved aluminum windows.	3
53		09310		Ceramic Tile: General upgrade of installation requirements and updated approved manufacturers.	4
54		09340		Paver Tile: Modified instructions for selecting colors / patterns to be used. General upgrade of installation and product requirements and updated approved manufacturers.	4
55		09684		Carpet: Added site verification requirements for floor slabs.	3
56		09722		Vinyl-coated fabric wall covering: Added Lanark as an approved supplier.	4
57		09901		General Painting and coating requirements: Revised gloss levels to correspond to MPI revisions.	4
58		11484		Basketball standards: Changed basketball standards to Owner Furnished and installed. The supports for the basketball standards, called out on the roof framing plan, are to be installed by the General Contractor.	3
59		12495		Curtains and Drapes: Updated Hanes Fabric contact information.	4
60		12611		Rostrum Seating: Replaced Mandalay Fabric with Cobblestone.	3
61		12670		Pews and Benches: Replaced Mandalay Fabric with Cobblestone.	3
62		13851		Fire Detection and Alarm System: Added option for an addressable system. Changed from a Supplementary Section to a standard Section since all standard plans are now sprinklered.	2
63		15141		Potable Water Piping Systems: Added Viega ProPress system of pipe connections.	4
64		15411		Plumbing Fixtures: Added products by Mifab and Watts Drainage.	4
65		15820		Duct Accessories: Added Dyn-Air products.	4

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66		16138		Boxes: Added air / vapor back boxes for projects that have a polyethylene film vapor retarder in walls and ceilings. Added instructional note to specifier for usage of these back boxes.	4
67		16140		Wiring Devices: Changed to white devices and coverplates. Updated Paragon Electric website address. Added requirements for data system for meetinghouses.	4
68		16811		Sound and Video Electrical system: Coordinated conduit raceway requirements with Section 16132	4