




		<h2 style="text-align: center;">Proposed Deviations Log</h2>				
Description of the item/issue	Proposed Design	Standards No. (DR, SP, SD, RPS)	SCA Standard	Project Specific Approval (Y/N)	Acceptance for Alternative to SCA Standard (Y/N)	SCA Comments
Gymnasium - seats	Gymnasium layout to include retractable seating and performance area.	DR 1.3.1.02 RPS 4-90	Raised platform and flat floor with moveable seating or level play area with stadium seating	No	No	Concern for the retractable seats to malfunction
Interior stair landing - VCT	Use of VCT to match the adjoining corridors.	DR 1.3.4.4	Ceramic floor tiles at the stair landings	No	No	Code requirement
Pavement - Glass block	Glass block pavers in precast concrete panels are proposed in the courtyard above the Student Dining Room	DR 2.1.1	Concrete or asphalt paving in courtyards	No	No	Disapproved due to cost impact. Water infiltration is a potential problem
Pavement - Imprints/stamps	Colored Concrete Pavement with custom imprints/stamps	DR 2.1.1	Non-colored pavement	No	No	
Play yard - Concrete unit pavers	Concrete unit pavers to be used in Play yard.	DR 2.1.1	Asphalt pavement, full depth in Play yards.	No	No	Continuous smooth surface preferred
Fencing - Ametco shield	Ametco Shield Design fence 10 feet above Play Yard surface proposed along interior property lines in lieu of chain link fence.	DR 2.2.1	6'-8' high wrought iron fence required for use on property line and 16' high chain link fence along adjacent properties and streets fronting play areas.	No	No	
Fencing - Ball playing	A 16'-0" high wrought iron fence is proposed at the interior property line of the general playground in lieu of chain link.	DR 2.2.1	16' high chain link fence	No	No	Not secure for ball playing
Fencing - Steel panel	Boundary Perimeter Fencing – 8'-0" Height Steel Panel Grating Style ("Orso Grille") Fence & Gate	DR 2.2.1	6'-8' high wrought iron fence required for use on property line and 16' high chain link fence along adjacent properties and streets fronting play areas.	No	No	
Fencing - Aluminum panels	Cut aluminum panels creating shadow forms of the alpha and numeric identification of school designation i.e. school number	DR 2.2.1	6'-8' high wrought iron fence required for use on property line and 16' high chain link fence along adjacent properties and streets fronting play areas.	No	No	School number/designation can change at any time
Fencing - Curved decorative	Custom curved decorative fence	DR 2.2.1	6'-8' high wrought iron fence required for use on property line and 16' high chain link fence along adjacent properties and streets fronting play areas.	No	No	
Flagpole - Custom	Custom flag pole constructed of aluminum utilizing standard flag pole equipment.	DR 2.3.2	Aluminum material and Uniform conical shape - standard off the shelf item	No	No	
Landscaping - Planting species	Bamboo is proposed along the southern edge of the Play Yard. It is low maintenance and evergreen. Bamboo planting in fully contained raised concrete planters.	DR 2.5.1	low maintenance, low water, and drought resistant planting	No	No	Bamboo is invasive
Structural floor/framing - Deck fireproofing	Use spray-on fireproofing on all deck. There is not room within the floor sandwich for the additional 1.5" of NW concrete required to avoid fireproofing.	DR 3.3.2	6 1/4" composite deck- 3" metal deck with 3-1/4" LW concrete to provide sufficient rating to avoid fireproofing metal decks.	No	N	


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Building façade - Curtain wall	Aluminum curtain wall and storefront for approx. 11% of exterior wall area has been proposed as means of defining one of the primary design gestures of the building. This system follows the SCA standard specification section 08920	DR 4.1.1	Use of curtain wall on stand alone new building project precluded due to detailing, construction, and cost issues.	No	No	Use of curtain wall on new building projects precluded due to detailing, construction, and cost issues
Entrance canopy - EPDM roofing	The use of EPDM for the roof of the new entry canopy	DR 4.1.1	Material and design for SCA review Canopies but no Marques	No	No	
Canopies - cladding	Canopy cladding material - Steel tube structure clad in painted aluminum panels and built-in gutters at Gymnasium and Entries	DR 4.1.1	All canopy types, materials, sizes and locations are subject to approval by the Authority.	No	No	
Canopy/Sun shade	Canopy/Sun shade at Library.	DR 4.1.1 DR 4.3.1	All canopy types, materials, sizes and locations are subject to approval by the Authority.	No	No	
Building façade - Channel glass	Channel glass is proposed in select areas in lieu of glass block.	DR 4.1.1 DR 4.2.4	Glass block- limited quantity	No	No	
Exterior wall - Brick bond	Continuous vertical mortar joints - stack bond- are proposed on the 3'-4" building module in the masonry wall	DR 4.2.1	Brick masonry in running bond with control joints 25' o/c	No	No	Disapproved due to constructability and cost impact of cutting bricks. Difficulty of quality control of the plumbness of the vertical joint is a concern
Parapet material	Exterior Glass guardrails	DR 4.2.1	Face brick with concrete backup	No	No	
Exterior wall - Storefront system	Storefront System: Main office	DR 4.2.1	Brick exterior with CMU cavity wall back-up	No	No	
Exterior wall, main entrance - Aluminum curtain wall	Curtain wall at main entrance	DR 4.2.1 DR 4.6.1	Brick veneer with CMU backup and Steel, Alum or FRP doors	No	No	Use of curtain wall on new building projects precluded due to detailing, construction, and cost issues
Parapet - Aluminum coping	Aluminum copings at parapets	DR 4.2.1.	Cast stone copings	No	No	
Graffiti control - Height	No graffiti control on brick façade	DR 4.2.2	Graffiti control coating to be used on brick façade to height of 10'	No	No	Anti-graffiti coating is mandatory.
Windows -Colored glazing	Five different colors to be used. Total coverage: 3,008 sf.	DR 4.3.1	Clear glazing	No	No	
Windows - Bay window	A bay window opposite the classroom entry door is proposed in Pre-Kindergarten classrooms	DR 4.3.1	Fix/Projected windows	No	No	
Windows - Spandrel glazing	Windows are proposed to have exterior-glazed panes at spandrel conditions, with interior-glazed panes at vision glass.	DR 4.3.1 SS 08524	Interior-glazed windows	No	No	
Windows -Casement	4'-0"w x 7'-2" fixed vision light over a 4'-0"w x 2'-9"h fixed spandrel glass panel next to 1'-8"w w x 7'-2" h casement vent over 1'-8" w x2'-9"h spandrel panel. Entire configuration set in a 2" thick x 1'-2"deep exterior aluminum frame. Manufacturer equal to Pioneer Series 4000	DR 4.3.1 SS 08524	fix/hopper combination Max window size 5' x 10'	No	No	Height limitation for casement windows and function not preferred for school children

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Windows - Glazing-Cafeteria	Impact resistant glazing at the windows between the cafeteria and the play area to provide clear natural light into the cafeteria space below. outer lite of Lexan with a Margard MR15 coating to stand up to high impacts.	DR 4.3.1 SS 08524	1" -1 1/2" thick Laminated insulated glass with low-e coating. Each laminated pane made of 1/8" thick annealed glass and .06 thick clear PVB interlayer	No	No	Maintenance issue with polycarbonate; Polycarbonate cannot be part of the IGU unit
Roof top play area enclosure - welded wire	Welded Wire or "Orso grille" Panels installed as the enclosure for the Play Roof.	DR 4.4.1.2	Mesh enclosure with 2" max opening	No	No	Concern that the WWP looks too "jail-like".
Rooftop play area -Safety Surface	Interlocking Unitary Rubberized Safety Surfacing . Proposed system that is applied over an adjustable deck pedestal and roof paver systems.	DR 4.4.1.2 SS 02860	Molded solid rubber safety surface anchored to the substrate	No	No	System is Proprietary
Roof Access - Alternating tread stair	Access to main roof will be via exterior alternating tread stair to access PV panels.	DR 4.4.3.1	Access to main roof for buildings that are two or more stories shall be provided via a code compliant enclosed stair	No	No	DSF rejects alternating tread stair, requests ships ladder
Roof access - Hatch	Roof access hatch to fourth floor roof and direct door access to mechanical penthouse boiler rooms.	DR 4.4.3.1	Access to main roof for buildings that are two or more stories shall be provided via a code compliant enclosed stair	No	No	
Exterior doors - Curtain wall system	Alum frame doors within Curtain wall	DR 4.6.1	Steel, Alum, or FRP entry door	No	No	Use of curtain wall on new building projects precluded due to detailing and construction issues
Exterior wall finish - metal panel-tool shed	The use of metal panels for an exterior storage shed at the rear low roof area.	DR 4.2.1	Brick veneer	No	No	Use more durable product that will not dent or scratch
Gymatorium - Wood batten ceiling	Wood Battens on Fabric Faced Acoustical Panels for Gymatorium Ceiling. The proposed detail deviation provides an ascetically more pleasing wall and ceiling solution for a combination Gym and Auditorium. The acoustic panel back up will help to mitigate sound transmission to adjoining spaces	DR 5.1.1	Round ducts and no ceiling or tectum ceiling and square ducts	No	No	This particular Gymatorium will be used primarily as a gym. As such, ceiling should be either flat with tectum ceiling panels or no ceiling at all w/ exposed ductwork.
Interior finishes- corridor- full height "Trespa panels"	Core area corridor wall finish - Propose to use Trespa Virtuon FR composite wall panels (or equal) full height on the corridor wall surfaces	DR 5.1.1	Interior Finishes-Corridor Wall Finish is ceramic tile wainscot to top of door frame with semi gloss paint above	No	No	
Interior finishes - Corridor - "Corian"	Cladding the corridor side surfaces of the Auditorium with a solid-surfacing material such as Corian	DR 5.1.1	Ceramic tile wainscot to top of door	No	No	Vandalism issues with Corian
Interior finishes - Corridor - wood veneer panels	Wood veneer wall panels on corridor side of Gymatorium walls	DR 5.1.1	Ceramic tile wainscot to top of door	No	No	

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Interior partitions - wall @ Gymnasium stage-wood panels	Decoustics Solo Plank wood finished acoustical tongue and groove plank units applied to wall around stage opening in Gymnasium. Proposed area 865 SF.	DR 5.2.2	Painted gypsum wall board	No	No	Not approved at the Gymnasium. SCA does not see the acoustic benefit of providing these panels @ the proscenium. Acoustic finishes are usually applied to walls facing the stage.
Interior partitions -Clerestory window	Clerestory glazed lites on one side of the typical corridors and a glazed vision sidelight adjacent to eligible classroom doors. The Clerestory and sidelight glazing above shall be clear laminated and insulated for acoustical control. The framing of the clerestories and sidelights shall be steel hollow metal framing painted in the field. Electrical wiring shall be brought to the wall area below the clerestory from the columns along the corridor wall where the clerestory does not exist.	DR 5.2.2 DR 5.5.1 SD 080000b	GWB partitions@ corridor. Classroom doors - with vision panel plus sidelite or Transom	No	No	The structural tube framing is cost prohibitive as compared to our standard metal stud partition. Although we encourage use of borrowed light thru transoms, the amount of transom windows proposed is excessive and will not meet the corridor wall acoustic requirement.
Floor finish - Cafeteria - Porcelain Floor Tiles	Large Porcelain Floor Tiles in lieu of standard VCT at Cafeteria floor.	DR 5.3.1	Vinyl composition tile standard size: 12"x12"	No	No	Disapproved due to cost impact.
Floor type - Lobby - fire rated glass	Fire Rated Glass Floor in Lobby	DR 5.3.1	Concrete floor with appropriate floor finish	No	No	Cost and long term maintenance
Floor types - Cafeteria - terrazzo tile or poured terrazzo	Terrazzo tile at cafeteria floor	DR 5.3.1	Vinyl composition tile standard size: 12"x12"	No	No	Cost
Floor types - Corridor -poured epoxy terrazzo	The classroom corridor, fire stairs floor finishes to be epoxy terrazzo	DR 5.3.1	Vinyl composition tile standard size: 12"x12"	No	No	Cost
Floor types - Lobby - poured epoxy terrazzo	Poured in place Epoxy Terrazzo	DR 5.3.1	Terrazzo tile, Quarry Tile, or Porcelain Tile.	No	No	Cost
Floor types - Gymnasium - rubber floor tile	Recycled Rubber floor tile and recycled rubber resilient underlayment: at the Gymnasium to provides increased acoustical isolation for classroom spaces below. For the exercise room, the padded floor surface provides means of reducing fall related injuries.	DR 5.3.1	Resilient wood floor	No	No	Perceived Environmental issue
Suspended ceiling - cafeteria-Gypsum board	Gypsum board ceiling with recessed strip fluorescents	DR 5.4.1	2'x4' lay-in acoustical tile ceiling with recessed 2' x 4' fluorescent luminaries	No	No	Access to ceiling and acoustics an issue
Suspended ceiling - Corridor - gypsum board	Corridors -- Use gypsum board for corridor ceiling cove.	DR 5.4.1	Lay in acoustical	No	No	Quality of construction
Suspended ceiling - Corridor - lower gypsum board	Lower GWB ceiling with down lighting above grouped entrances to classrooms.	DR 5.4.1	Lay in acoustical	No	No	Lower ceiling and can potentially block exit signage

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Suspended ceiling - Student cafeteria-Perforated metal panel	A Perforated Acoustical Metal panel Ceiling with a concealed suspension system and acoustic fleece backing installed in the Student Dining on the 2nd floor. Perforation pattern shall be staggered with 10% to 20% openness. Finish colors shall be "Bright White" high performance factory finish.	DR 5.4.1	Lay in acoustical	No	No	Cost and long term maintenance
Interior doors - Classroom- No Vision panel	Typical classroom entrances to have solid wood doors with hollow metal sidelight painted with accent color. Door ways to classrooms at corridor intersection to have larger sidelights and transoms.	DR 5.5.1	Non Fire rated classroom doors to have vision panels of minimum 720 sq. in.	No	No	Classroom door must always have a vision panel
Interior doors- classroom-round vision panel	Round "porthole" windows in hollow metal classroom doors in lieu of rectangular vision panel in wood doors.	DR 5.5.1	Rectangular vision panels	No	No	Simplicity of construction
Interior doors - classroom - tall vision panel	Tall narrow Vision panels 12" wide x 60" tall at CR doors . The standard SCA door stile width at 6" will be adequate to install the scheduled hardware lock body adjacent to the lite.	DR 5.5.1 SD 080000b	Classroom doors 24" wide x 30" tall vision panel	No	No	SCA prefers vision panel in upper half of door (as per our standard).
Interior doors - Sizes	9'-8" a high cross corridor doors in 10'-0" high HM frames	DR 5.5.1 SD 0811000a	6'-10" or 7'-0" high	No	No	Avoid custom sized doors
Gas Boosting System	One central riser with separate branch lines to the lab equipment, rooftop equipment and heater, and kitchen.	DR 6.1.15	A typical gas riser diagram should indicate three separate supply lines: one for the boilers and rooftop units, a second for the water heater and third for cooking appliances and the science labs.	No	No	SCA standard facilitates separate approvals
landscaping - irrigation	Installation of Potable Irrigation System for Green Roof/Vegetable Garden planters	DR 6.1.07 SS 02900	Hose Bibbs at building perimeter	No	No	Irrigation systems do not meet SCA GSG requirements
Heating and Cooling Design Parameters	The New NYCDOB Code references the table for ventilation based on IMC 2003 which will be more than the ASHRAE 90.1 2004 ventilation requirements. A variance is requested to use the lower of the two ventilation values.	DR 6.2.09	The fresh air requirements per occupant shall be the maximum of the NYCDOB Code ventilation requirements as compared to 30% over the outdoor air requirement of ASHRAE 62.1-2004 Ventilation	No	No	SCA GSG requirements must be met

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Convectors- stair	Heating/cooling fan coil units are used in stairwells where fenestration may cause unacceptably high temperatures in the summer.	DR 6.2.6	Wall hung hot water fin tube radiation may be used in the stairway landings.	No	No	Cooling in stairs will not meet Energy Code
Cable trays in classroom ceilings	Cable tray locations located above classroom ceilings	DR 7.0	Cable trays are typically run in corridor ceilings	No	No	Cable trays will be interrupted by demising walls and may compromise classroom acoustics
Lightning Protection	Single lightning protection air terminal at the mechanical penthouse roof.	DR 7.1.5	Multiple air terminals mounted on the perimeter of the parapet walls.	No	No	SCA standard maximizes protection
Interior Lighting-light loss factor	Revised light loss factor 85/70/40 room reflectance factor	DR 7.2.1	Light loss factor of 0.75 for classrooms Light loss factor of 0.7 for site room reflectance of 80/50/20 (Ceiling/walls/floors)	No	No	85/70/40 room reflectance factors are not attainable.
Interior Lighting - cafeteria	Cafeteria lighting: suspended fixtures arranged in random pattern. 3-Lamp Lightolier SQ6 Fixture.	DR 7.2.1	Recessed 2'x4' fluorescent lighting fixture	No	No	Suspended fixtures in cafeteria has maintenance issues
Interior lighting - classroom-wall mounted	Use of wall mounted luminaire in classrooms	DR 7.2.1	Direct/indirect, ceiling pendant fluorescent fixtures	No	No	Wall mounted not preferred
Interior lighting - Fixture type	NYC Green School Guidelines Q7.3 recommends either fully indirect (>90% uplight), semi-indirect (60-90% uplight), or direct-indirect (40-60% uplight). Recommend allowance to use any of these designations for flexibility of design to meet illuminance target	DR 7.2.1	Fixtures lighting distribution shall be 70-80% up and 20-30% down.	No	No	
Interior lighting -Gymnasium - Linear wall wash	Use of linear wall wash in Gymnasium	DR 7.2.1	High Bay multi-lamp compact fluorescent fixture with impact resistance lens.	No	No	Quality of construction
Interior lighting -Lighting Controls	Lighting controlled by occupancy sensors does not require relay panel control.	DR 7.2.1	All lighting shall be controlled by programmable lighting control panel with integral timeclock, except for the emergency lighting.	No	No	
Interior lighting- stair	Planned with recessed T8 fluorescent lamp fixture in Stair.	DR 7.2.1	Wrap around fixture	No	No	Constructability issues
Interior lighting-corridor-Linear wall wash	Use of linear wall wash in corridor in addition to the SCA standard 2' x 4' fixture.	DR 7.2.1	2' x 4' recessed fixture.	No	No	Redundant fixtures
Interior lights -Cafeteria	Use compact fluorescent downlights at cafeterias.	DR 7.2.1	2' x 4' fluorescent lights	No	No	Maintenance
Interior lights- Gymnasium-Uplighting	Uplighting on timers proposed in Gymnasium.	DR 7.2.1	High Bay multi-lamp compact fluorescent fixture with impact resistance lens and wire guard	No	No	Timers not acceptable
Interior lights- stair -accent lighting	Accent lighting on timers proposed.	DR 7.2.1	4' fluorescent lighting fixture, wrap around, with vandal resistant lens	No	No	Timers not acceptable

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Reduced illuminance at corridor	Reduced illuminance requirement at corridors	DR 7.2.1	20 Fc @ 18" AFF 0.5 W/ft2	No	No	Safety concerns
Interior lighting - Cafeteria- wall washers	Use of linear wall wash in cafeteria	DR 7.2.1	Recessed 2'x4' fluorescent parabolic fixture with 18 cells	No	No	Quality of construction
Interior lighting - Gymnasium- linear fluorescents	Use of linear multi-lamp fluorescent luminaire in GYM	DR 7.2.1	High Bay multi-lamp compact fluorescent fixture with impact resistance lens.	No	No	Maintenance
Exterior lighting- play yard	Recessed seatwall lights at Play Yard.	DR 7.2.5	None for play yard	No	No	Maintenance
Exterior lighting- play yard	In-grade flood lights installed flush in top of seatwall.	DR 7.2.5	None for play yard	No	No	Maintenance
IP Digital Video Surveillance System	IP Cameras will be used in place of analog cameras and video encoders	DR 7.3.11	Use analog cameras with powered NVT baluns connected to Verint encoders	No	No	
IP Digital Video Surveillance System, Site Furnishings	Installation of Outdoor Cameras to stream videos for progress of roof garden's vegetable plantings	DR 7.3.11 SS 02870	Cameras at selected outdoor locations (to cover playground, athletic field, main entrances, loading docks, parking lot) additional cameras may be used to monitor sensitive areas such as: vestibules, storage areas, etc.	No	No	Maintenance
Vestibule heating- Air curtain	At main entrance vestibules, in addition to the hot water cabinet unit heaters, provide air curtains mounted above the doors.	RPS Group 7	At the two main entrance vestibules, provide hot water cabinet unit heaters only.	No	No	Not acceptable due to energy considerations
Floor mounted A/V receptacles	Provide floor boxes for A/V receptacles	RPS 4-90	Wall mounted A/V receptacles	No	No	Maintenance
HS Corridors-Quantity of lockers	Lockers provide 107% adjusted capacity in P.O.R.	RPS Group 7	Locker count to provide 125% adjusted capacity in P.O.R.	No	No	Reduced capacity not acceptable
Windows- jamb detail	No wind break at Typical Window Jamb	SD 042022C	1" windbreak at masonry opening	No	No	
Soil - type at trees	Subsurface Modular Cell Systems for Trees	SS 02900	Top soil CU-Structural Soil®	No	No	
Railing- material at auditorium balcony	Glass panel system at balcony	SS 05710	No specific material	No	No	Maintenance
Projector - auditorium	Rear projector at Gymatorium stage	SS 16771	Ceiling mounted front projectors	No	No	Comply with SCA standard.