Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
A10	**SECTION A - SUBSTRUCTURE**				
A10	0	FOUNDATIONS			
A10	03 10 00 03 20 00 03 30 00	**STANDARD FOUNDATIONS (Buildings S1, S2 & N1)** 1. New Foundations: Cast-In-Place Concrete a. Continuous footings b. Pad footings	Structural	No District Standard	See Outline Specification
A10	07 13 52	**VERTICAL WATERPROOFING** 1. Post-applied below-grade	Architectural	Providing District Standard	GCP Applied Technologies "Bituthene 4000" for post-applied below-grade applications; PrePrufe 160R/300R for pre-applied below-grade applications
A10	N/A	**GEOTECHNICAL REPORT** Perform all work in accordance with the project Geotechnical Report and Agency Recommendations	Geotech	No District Standard	See "404741002 R GE & GHA"
A40	0	SLABS-ON-GRADE			
A40	03 10 00 03 20 00 03 30 00	**STRUCTURAL SLABS-ON-GRADE (Buildings S1, S2, & N1)** 1. Below Slab Preparation 2. Cast-In-Place Concrete 3. Building Slabs on Grade	Structural	No District Standard	See Outline Specification
A40	07 26 23	**BELOW GRADE VAPOR BARRIER** 1. Below Grade Vapor Barrier	Architectural	No District Standard	Stego Wrap Vapor Barrier - 15 mil
B10	**SECTION B - SHELL**				
B10	0	SUPERSTRUCTURE			
B10	06 10 00	**LATERAL FORCE RESISTING SYSTEM (Buildings S1, S2 & N1)** 1. Roof Diaphragm: Plywood sheathing 2. Wood Framed Shear Walls: Plywood sheathing	Structural	No District Standard	See Outline Specification
B10	06 10 00 05 11 00 05 12 00	**ROOF CONSTRUCTION (Buildings S1, S2 & N1)** 1. Sawn Lumber 2. LVL/PSL Framing 3. Glulam Beams 4. Steel Girders (Building N only)	Structural	No District Standard	See Outline Specification
B10	06 10 00 05 11 00 05 12 00	**VERTICAL GRAVITY LOAD RESISTING ELEMENTS (Buildings S1, S2 & N1)** 1. Exterior Walls: Wood Stud Bearing Walls a. Sawn Lumber Stud Framing b. LVL Stud Framing 2. Columns: a. Steel columns b. Wood columns	Structural	No District Standard	See Outline Specification
B20	0	EXTERIOR VERTICAL ENCLOSURE			
B20	05 50 00	**MISCELLANEOUS AND ORNAMENTAL METAL** 1. Interior Misc. Steel 2. Exterior Misc. Steel	Architectectural	No District Standard	Color fluoropolymer coated for metals
B20	06 10 00 07 27 27	**EXTERIOR WALL FRAMING (Buildings S1, S2, N, & N1)** 1. Exterior Walls: Wood Stud Bearing Walls a. Sawn Lumber Stud Framing b. LVL Stud Framing c. Self adhering sheet membrane d. Exterior gypsum wall sheathing - 5/8" Type X	Structural	Recommendation (In Lieu of Standard)	e. Self adhereing sheet membrane - Basis of Design: VaproShield, LLC's "WrapShield SA" breathable membrane
B20	07 21 00	**THERMAL INSULATION** 1. Batt insulation 2. Air Barriers 3. Mineral wool batt insulation between wood stud framing and rafters 4. Tapered rigid insulation	Architectural	Providing District Standard	1. Minimum insulation value at roofs: R-30 2. Minimum insulation value at walls (where possible in project scope to add insulation): R-20 3. Minimum slope 1/2" per foot tapered polyisocuanurate at new roofs 4. Recommended for Roof: rigid polyisocyanurate or mineral wool
B20	09 24 00 09 22.36.23 07 46 47	**EXTERIOR FINISH SYSTEM** 1. Existing Walls - Building N (Gymnasium) (E) Concrete walls at west & east gym walls and locker room exterior walls (E) Exterior redwood plywood siding at south restrooms restrooms (E) Cement plaster at north and south gym walls 2. New Walls - Building S1, S2, & Building N1 (N) Cement Plaster - Bldg S1, S2, & N1, except N1 west wall (N) Fiber Cement Board - Bldg N1 west wall only : Fiber cement wall panels (Equitone or equal)	Architectural	Recommendation (In Lieu of Standard)	2. New 3-coat cement plaster over self-furring metal lath over weather resistive barrier over gypsum sheathing. New fiber cement panels over metal or treated wood furring over weather resistive barrier over gypsum sheathing.

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B20	09 91 00	**EXTERIOR PAINTING** **Building N** 1. Existing cement plaster, concrete walls, & wood siding: Paint all existing 2. Existing metal: Paint all existing metal columns and fascia **Buildings S1, S2 & N1** 1. New cement plaster 2. New sheet metal to be prefinished where noted a. Canopy metal fascia b. Parapet caps c. Gutters	Architectural	Providing District Standard	1. Dunn Edwards, no substitutions. All paints low VOC Acrylic and Ethylene Glycol-free. 2. Color fluoropolymer coated for metals
B20	08 91 00	**EXTERIOR LOUVERS AND VENTS**	Architectural/ Mechanical	Providing District Standard	1. Provide bird screen or inspect screen as required. Color fluoropolymer coated for metals to match adjacent finish. Manufacturers: 1. Carnes 2. Ruskin 3. The C/S Group 4. The Airolite Co.
B2030	0	EXTERIOR STOREFRONT AND ENTRANCES			
B2030	08 11 13	**HOLLOW METAL FRAMES** 1. New Frames: Hollow metal frames	Architectural	Providing District Standard	All exterior steel doors and frames shall be 16 gauge hot dipped glavanized steel, with closed tops, and primed. All frames shall be welded type. All frames shall be grout filled or insulated with plaster guards. Interior frames at all Counseling spaces within North Building S2 to be insulated for acoustical separation Proposed Manufacturers 1. Amweld International, LLC. 2. Ceco Door Products; an Assa Abloy Group company. 3. Curries Company; an Assa Abloy Group company. 4. Mesker Door, Inc. 5. Republic Doors and Frames. 6. Steelcraft; an Ingersoll-Rand company. 7. Stiles Custom Metal, Inc. 8. Door Components, Inc.
B2030	08 41 13 08 80 00 05 56 73	**ALUMINUM-FRAMED WINDOWS** 1. Exterior Windows 2. Interior Windows	Architectural	1. Providing District Standard 2. Recommendation (In Lieu of Standard)	1. Exterior Windows - All new classrooms to have operable awnings with Chapter 11b accessible hardware along the entire length of glazing. Max height of 48", max individual pane area of 7 SF (less than 50 lbs). Assume 20% operable inserts. Finish: Clear Anodized coated. Aluminum finishes exposed to the weather shall have heavy-duty coating, suitable for salt air environments (0.018mm thick anodic coating). Low-iron insulating glass. Basis of Design: Storefront - EFCO 510l Insulated Glass Unit - 1" Solarban 70 Laminated Glass 2. Interior windows - use 3/8" laminated acoustic glass for sound absorption
B2030	08 16 13	**FIBERGLASS REINFORCED POLYESTER DOORS** 1. New Exterior Doors for Conditioned Spaces	Architectural	Providing District Standard	Basis of Design: Special-Lite, Inc. Model SL-17 with SpecLite 3 fiberglass reinforced polyester face sheets. Finish and color: TBD

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B2030	08 41 13 08 80 00	**ALUMINUM-FRAMED STOREFRONT** 1. See plan	Architectural	Recommendation (In Lieu of Standard)	All new classrooms to have operable awnings with Chapter 11b accessible hardware along the entire length of glazing. Max height of 48", max individual pane area of 7 SF (less than 50 lbs). Assume 20% operable inserts. Finish: Clear Anondized Aluminum DSA Deferred Approval for 10'-0" spans in either the horizontal or vertical direction is required. Low-iron insulating glass. Basis of Design: Storefront - Kawneer System - Trifab 451T Insulated Glass Unit - Solarban 70 Laminated Glass
B2030	08 36 29	**EXTERIOR OVERHEAD COILING DOORS** 1. See plan	Architectural	Recommendation (In Lieu of Standard)	All overhead coiling doors to be key operated and all doors to be keyed the same. Color metal finish. Lamin 1. R&S Erection 2. The Cookson Company, Inc. 3. Cornell Iron Work, Inc. 4. Overhead Door Corporation At Building S1 - Sectional galvanized steel coiling door with inset glass panels Basis of Design: Overhead Door - Sectional Steel Door Model 430 At Building N1 - Aluminum frramed coiling door with exterior glass panels. Basis of Design: Overhead Door - Model 521S
B2030	08 13 00	**HOLLOW METAL DOORS** 1. New Exterior Steel Doors for Non-Conditioned Spaces	Architectural	Providing District Standard	Bolted, removable mullions at double doors. Door panels to be painted
B2030	08 71 00	**DOOR HARDWARE** **Buildings S1, S2 & N1** 1. All new hardware per District Standards 2. Provide exit devices at emergency egress doors 3. Weather-strip all doors **Buildings N** 1. Provide new hardware and proposed new doors	Architectural / Allegion	Providing District Standard	Finishes: BHMA 626 (satin chrome finish) UON or unless matching existing hardware on site. All exposed fasteners to be tamper resistant. Keying per District Standard. Doors to meet BU 19-05 requirements Hinges: 1. Ives 2. Hager 3. Stanley 4. McKinney Continuous Hinges: 1. Ives, Or Equal Locks, Latches, & Cylinders: 1. Schlage Exit Devices: 1. Von Duprin Closers: 1. LCN Push, Pulls, & Protection Plates: 1. Ives 2. Trimco 3. BBW 4. DCI Flush Bolts: 1. Ives 2. Trimco 3. BBW 4. DCI

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
					Dust Proof Strikes: 1. Ives 2. Trimco 3. BBW 4. DCI Coordinators: 1. Ives 2. Trimco 3. BBW 4. DCI Stops: 1. Ives 2. Trimco 3. BBW 4. DCI Overhead Stops: 1. Glynn-Johnson, Or Equal Thresholds: 1. Zero 2. Pemko 3. National Guard Seals & Bottoms: 1. Zero 2. Pemko 3. National Guard
B30	0	EXTERIOR HORIZONTAL ENCLOSURES			
B30	07 50 00 07 54 19 07 56 10	**ROOF COVERINGS** 1. Roof Repair 2. Low Slope Roofing	Architectural	Providing District Standard	All roofing systems minimum 30-year warranty **Low slope (new or existing):** 1. Single-ply (PVC) 2. Follow NRCA gidelines
B30	07 62 00 07 65 26	**FLASHINGS** 1. Sheet metal: Minimum 20 gauge galvanized 2. Roof drains: 3. Self-Adhering Membrane Flashing:	Architectural	No District Standard	Flashings to be bonderized and prefinished at exposed elevation conditions
B30	07 92 00	**SEALANTS** 1. Commercial grade sealants	Architectural	No District Standard	Basis of Design: Exterior sealant - Dowsil 795 Silicone; Bostik Pro MS-50 where painted
B30	08 62 00	**ROOF OPENINGS** 1. Unit Skylights	Providing District Standard	No District Standard	Basis of Design: Velux Commercial "EcoSky
b30	07 72 33	**ROOF HATCHES** 1. Building S1 - (3) Total - (1) at each low roof 2. Building S2 - (1) Total	Providing District Standard	Providing District Standard	Basis of Design: Bilco Type 'S', 30 inch by 36 inch roof hatch or equal.
C1000	**SECTION C - INTERIORS**				
C1010	0	INTERIOR PARTITIONS			
C1010	06 10 00 09 22 16	**PARTITION FRAMING** 1. Wood stud stud framing at interior non-bearing paritition walls	Structural/ Architectural	No District Standard	See Outline Specification
C1010	09 81 00	**ACOUSTIC INSULATION** 1. Acoustic insulation at all interior classroom walls and perimeter restroom walls	Architectural	No District Standard	TBD
C1010	07 84 00	**FIRESTOPPING** 1. Where required @ fire wall penetrations	Architectural	No District Standard	TBD
C1010	08 31 13	**ACCESS DOORS** 1. Where required	Architectural	Providing District Standard	Flush panel painted to match adjacent finish. Flush panel stainless steel at wet locatios, recessed to receive gypsum board at public areas. Master keyed Basis of Design: 1. Babcook - Davis product
C1010	09 29 00 09 28 13	**GYPSUM-WALLBOARD** 1. Type X 5/8" gypsum board at new walls 2. Moisture-resistant and impact resistant type X gypsum board at restroom and custodial walls 3. Impact resistant cementitious Backer Board at tiled restrooms	Architectural	Recommendation (In Lieu of Standard)	Level 4 Finish Throughout Manufacturers: National Gypsum Co. United States Gypsum Co. Georgia Pacific Corp.
C1020	0	INTERIOR DOORS AND FRAMES			

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
C1020	08 11 13	**HOLLOW METAL FRAMES** 1. Hollow Metal	Architectural	Providing District Standard	1. All hollow metal frames shall be fully welded 2. All frames shall be grout filled
C1020	08 14 16	**FLUSH WOOD DOORS** 1. New Wood Doors per District Standards	Architectural	Providing District Standard	1. Construction: 5-ply solid core w/ face veneer 2. Flush Interior Door Veneer: Birch for paint grade and natural maple species to match adjacent wood (for finish grade?) #3. Doors shall comply with NAAWS 4.0 Section 04, Grade AA for stain grade and Grade A for paint grade doors #4. Prefinish stain grade doors with acrylate polyurethane finish complying with WDMA TR-8.
C1020	08 36 29	**OVERHEAD COILING DOORS** 1. See plan	Architectural	Providing District Standard	All overhead coiling doors to be key operated and all doors to be keyed the same. Color metal finish 1. R&S Erection 2. The Cookson Company, Inc. 3. Cornell Iron Work, Inc. 4. Overhead Door Corporation
C1020	08 71 00	**INTERIOR DOOR HARDWARE** 1. All New Hardware Per District Standards 2. Replace all locksets to occupied spaces with 'Columbine locks' (classroom security function) by Schlage 3. Replace all overhead closers	Architectural / Allegion	Providing District Standard	Finishes: BHMA 626 (satin chrome finish) UON or unless matching existing hardware on site. All exposed fasteners to be tamper resistant. Keying per District Standard. Hinges: 1. Ives 2. Hager 3. Stanley 4. McKinney Continuous Hinges: 1. Ives, Or Equal Locks, Latches, & Cylinders: 1. Schlage Exit Devices: 1. Von Duprin Closers: 1. LCN Push, Pulls, & Protection Plates: 1. Ives 2. Trimco 3. BBW 4. DCI Flush Bolts: 1. Ives 2. Trimco 3. BBW 4. DCI

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
					Dust Proof Strikes: 1. Ives 2. Trimco 3. BBW 4. DCI Coordinators: 1. Ives 2. Trimco 3. BBW 4. DCI Stops: 1. Ives 2. Trimco 3. BBW 4. DCI Overhead Stops: 1. Glynn-Johnson, Or Equal Thresholds: 1. Zero 2. Pemko 3. National Guard Seals & Bottoms: 1. Zero 2. Pemko 3. National Guard
C1090	0	INTERIOR SPECIALITIES			
C1030	10 11 00	**VISUAL DISPLAY SURFACES** 1. Forbo Bulletin Board 2. Sliding 16' Marker board	Architectural	Providing District Standard	Basis of Design: Claridge Products: Tackboard - Model 2744CC Whiteboard - Model WLCS44
C1030	10 14 00	**SIGNAGE (Buildings N, N1, S1, and S2)** 1. New Room Identification Signage 2. New Code Compliant Restroom signage 3. New Exit/ Exit Route Signage	Architectural	Providing District Standard	Cast Acrylic Sheet Manufacturers: 1. Mohawk Sign Systems, Inc. 2. Roemer Industries 3. ASI Modulex, Inc. 4. Vomar Products 5. Apco Signs 6. Nelson-Karkins Industries, Inc. 7. Mathews International Corporation 8. Vista System Exterior Signs: 1. Mathews International Corporation 2. Gemini Inc. or equal Traffic Signs Manufacturers: 1. Hawkins Sign Co. 2. Traffic Control Services Inc. or equal
C1030	10 21 13	**TOILET COMPARTMENTS** 1. Floor Mounted Overhead Braced Phenolic Toilet Compartments 2. 60" Wall Mounted Urinal Screens	Architectural	Providing District Standard	Bobrick Washroom Equipment, Inc. G2092 SierraSeries SCRC or Equal. Maximum privacy floor mounted, minimum 9" gap between floor and bottom of panel 3/4" thick screens, doors and stiles. Heavy-duty hardware: Stainless Steel Type 304 with #4 satin finish

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
C1030	10 28 13	**TOILET ROOM ACCESSORIES** New toilet room accessories at all restrooms: a. Grab bars b. Soap Dispenser c. Paper Towel Dispenser d. Toilet paper dispenser e. Seat cover dispenser f. Glass mirror- 18"x24" framed g. Trash receptacle h. Sanitary Napkin Disposal, surface-mounted i. Napkin/tampon vendor, free vend operation, surface-mounted j. Recessed napkin/tampon dispenser **DOOR HOOKS IN OFFICE**	Architectural	Providing District Standard	Electric Warm-Air Hand Dryer Basis of Design: Palmer Fixture, Inc. - Blustorm Bolt High Speed Hand Dryer HD0923 Wall Mounted Coat Hook: Basis of Design: American Specialties Model 0714, mount at 48" AFF Basis of Design: 1. Bobrick B-6806-99 1-1/2” diameter x 36”/42” long grab bar 2. Hillyard – Soap Dispenser (OFCI) 3. Hillyard – Paper Towel Dispenser PAP432190 (OFCI) 4. NVI D67013 Toilet paper dispenser 5. Bobrick B-221 Seat Cover Dispenser, surface mounted 6. Bobrick B-165 Glass Mirror, 18” x 24” framed 7. Bobrick B-94220 SST Mirror 11-1/4" x 17-1/4" for High Schools, framed 8. Bobrick B-2260 Trash Receptacle. 21-gallon satin finish stainless steel open top. Provide (1) per toilet room. 9. Bobrick B-270 Sanitary Napkin Disposal, surface mounted 10. Bobrick B-2706C Napkin/Tampon Vendor, Free Vend Operation, surface mounted (Refer to CA AB230 Menstrual Equity For All Act) 11. Bobrick B- B-4706C Recessed Napkin-Tampon Dispenser, Free Operation, Satin Finish (Refer to CA AB230 Menstrual Equity For All Act) 12. American Specialties Model 0714 – chrome plated brass book with rubber bumper.
C1030	10 41 16 10 44 00	**FIRE PROTECTION SPECIALTIES** 1. Extinguishers and cabinets of types and capacities required for anticipated hazards 2. Emergency key cabinets	Architectural	Providing District Standard	Basis of Design: Larsen's Manufacturing Company Model: 2409-6R field-painted to match adjacent walls Semi-Recessed Style (2-1/2" rolled edge) with 10 lb. ABC fire extinguisher Basis of Design: 1. Larsen’s Manufacturing Company Model: 2409-6R a. Semi- Recessed Style (2-1/2 inch rolled edge): b. Material: Steel c. Door: Duo Vertical Panel with lock. d. Glazing: Clear tempered safety glass. e. Lettering: Vertical – White
C1030	08 83 00	**WALL MOUNTED FULL LENGTH MIRRORS** 1. Provide at Buildings S1 (2) Dance Studios and N1 west and north walls	Architectural	Recommendation (In Lieu of Standard)	Vitro "Platia", Guardian "UltraMirror", Walker Glasss "Ultra-Clear low-iron tempered mirror glass complying with CPSC 16 CFR 1201, Cat. II. Edge sealed and installed with mastic and aluminum J-channels
C1030	06 40 23	**iNTERIOR ARCHITECTURAL WOODWORK (Building S1 Dance Studios)** 1. Ballet Barres	Architectural	Recommendation (In Lieu of Standard)	1-5/8" diameter Maple with oil finish and powder-coated or stainless steel brackets to support 250-lb. lateral load
C1030	06 41 00 12 36 61.16	**ARCHITECTURAL WOOD CASEWORK** 1. Plastic Laminate Covered Casework: Formica, Wilsonart or similar (District Standard) 2. Solid Surface Countertops at sink areas (Recommended, No standard)	Architectural	Providing District Standard	Fabricators must be active members of the Woodwork Institute, licensed by WI to provide WI Certified Compliance Certificates and Labels for the products and materials specified in this section. Fabricate casework in accordance with Custom Grade requirements of NAAWS 4.0 Section 10, Construction Type - Frameless, Flush Overlay door interface. Fabricate solid surface countertops in accordance with NAAWS 4.0, Section 11, Premium Grade, minimum 1/2" thickness
C1030	10 51 13	**METAL LOCKERS** 1. Double-tier vented metal lockers with soft closers within Buildings S1 2. Triple-tier vented metal lockers with soft closers within Buildings N	Architectural	Recommendation (In Lieu of Standard)	Republic Storage "All Welded Ventilated Lockers" with metal base, powder coat finish
C1030	10 56 13	**METAL STORAGE SHELVING** 1. 24" Deep x 63" High Metal wire rack shelving 2. 24" Deep x 63" High Metal lockable security cage with wire rack shelving	Architectural	Recommendation (In Lieu of Standard)	Manufacturers: Uline Global Industries
C1030	06 20 00	**FINISH CARPENTRY**	Architectural	Providing District Standard	Priming and back-priming per North American Architectural Woodwork Standards (NAAWS): a. Back prime all finished carpentry (interior and exterior). b. Prime or otherwise seal all cut ends.
C3010	0	WALL FINISHES			

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
C3010	06 10 00	**PLYWOOD BACKING** 1. 3/4" fire retardant plywood behind electrical equipment	Architectural	Providing District Standard	3/4-inch A-B grade plywood (6-inches off the floor to 8-feet high) at all walls supporting electrical equipment. Mount the plywood so the manufacturer's stamps remain visible from the front side. Fasten plywood backboards to the structural members of the building using only approved fasteners. Plywood backboards shall not be anchored to gypsum wallboard.
C3010	06 40 23	**PLYWOOD PANELING** 1. 1/2" Douglas Fir plywood paneling stained and sealed	Architectural	Providing District Standard	NAAWS 04, Section 08, Premium Grade with ULEF or NAUF fiberboard core
C3010	09 84 13	**ACOUSTICAL WOOD PANEL** 1. Perforated plywood panel with mineral wool acoustic backing	Architectural	Recommendation (In Lieu of Standard)	Topakustik "Topperfo, Class A fire rated, species to be selected
C3010	09 77 23	**FABRIC-WRAPPED SOUND ABSORBING WALL PANELS (TACKABLE)**	Architectural	Providing District Standard	Vinyl Covered with no formaldehyde core Basis of Design: Vinyl Wall Covering: Koroseal Contract Vinyl Wall Covering, 15-oz.
C3010	06 64 00	**PLASTIC PANELING (FRP)**	Architectural	Recommendation (In Lieu of Standard)	8'-0" Above finish floor at Fire Riser and Custodial Closets Gelcoat-finished, glass-fiber reinforced plastic panels complying with ASTM D5319. 09" Minimum Thickness Basis-of-Design: Marlite, Standard FRP Panels
C3010	09 30 00 09 28 13	**CERAMIC TILE** 1. Ceramic wall tile at all restrooms to T.O. Door frame: Daltile 4"x8".	Architectural	Recommendation (In Lieu of Standard)	To T.O. Door Frame at all Restroom Walls Basis of Design: Fireclay Tile Natural Press Ceramic Tile Essentials Collection Wall tile thin-set over cementitious backing boards
C3010	09 91 00	**PAINTING** 1. Paint all interior walls	Architectural	Providing District Standard	Dunn-Edwards is the sole approved manufacturer; no substitution All paints to be low VOC Acrylic and Ethylene Glycol free
C3020	0	FLOOR FINISHES			
C3020	03 05 00	**CONCRETE FLOOR SEALER** 1.Seal (E) concrete floor 2. Use sealed concrete	Architectural	No District Standard	Basis of Design: L&M Construction Chemicals, Inc. “Cureseal-W”, Euclid, Sonneborn or approved equal.
C3020	03 35 19	**POLISHED CONCRETE FLOORING** 1.Grind, hone, and seal (N) concrete floor	Architectural	No District Standard	Polish to 800 grit, Class B - Fine Aggregate, Level 2 - Medium Gloss Appearance
C3020	09 30 00 07 14 17	**CERAMIC TILE** 1. Floor: Proposed Porcelain Floor Tile at student restrooms only: Daltile Mystone 24"x48"	Architectural	Providing District Standard	Basis of Design: Fireclay Tile Natural Press Ceramic Tile Essentials Collection Thin-set floor tile over elastomeric liquid waterproofing
C3020	09 64 00	**SPECIALTY FLOORING** 1. Hardwood maple floating sprung floor for the percussive dance (Ballet Folklorico): 2. Hardwood maple floating sprung floor for multidiscipoline soft shoe/barefoot dance: 3. Surface applied marley system with a post-cure applied friction coat.	Architectural	Recommendation (No Standard)	1. Basis of Design: "L-Evate Rhythm" by Robbins Flooring 2. Basis of Design: "L-Evate Universal" by Robbins Flooring 3. Basis of Design: "Universal Marley" by Robbins Flooring
C3020	09 65 13 09 65 16	**RESILIENT FLOORING & BASE** 1. Linoleum sheet flooring 2. 4-inch rubber topset base	Architectural	Providing District Standard	Forbo Marmoleum Dual Tile Or Equal
C3020	12 48 13	**ENTANCE FLOOR MATS**	Architectural	Recommendation (In Lieu of Standard)	Recommendation: American Floor Products Company, Inc;
C3020	09 67 13	**RESINOUS FLOORING** 1. Epoxy flooring at staff single-user restrooms only	Architectural	Providing District Standard	Basis of Design: 1. Crossfield Products Corp; Dex-O-Tex Cheminert Terracolor 2. Valspar Flooring - SikaFloor Versacolor 3. Or Equal
C3030	0	CEILING FINISHES			
C3030	09 22 26.23 09 51 13 09 53 23	**ACOUSTICAL PANEL CEILING** 1. Suspended Acoustical Panel Ceiling Panels at Classrooms, : Carnegie Circle Cloud 2. Direct-applied 12"x12" Acoustic Ceiling Panels: Match Existing at Building N Mat Room 3. Metal Acoustical Ceiling Suspension Assemblies	Architectural	Recommendation (In Lieu of Standard)	1. Basis of Design: Armstrong Ultima Health Zone 1938 24 inch x 48 inch square lay-in tile with 15/16" suspended grid. Color: White
C3030	09 22 26.23 09 51 00	**SUSPENDED GYPSUM BOARD CEILING** 1. Suspended gyp board ceiling (District Standard) 2. Moisture resistant gyp ceiling at restrooms and custodial 3. Patch and repair of existing gyp board ceiling systems - Gymnasium	Architectural	Recommendation (In Lieu of Standard)	Proprietary suspension system
D	**SECTION D - SERVICES**				
D20	0	PLUMBING			

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
D20	22 10 00	**PIPING SYSTEMS** 1. Domestic Water piping above ground: Type L hard-drawn copper & wrought copper fittings. 95-5 solder for pipe sizes 2" and less, silver-brazed for size 2-1/2" and above. 2. Domestic Water piping below ground. Type K copper and fittings with silver-brazed joints. Wrap piping with polyethylene pipe sleeve. 3. Sanitary Sewer and Vent: Standard weight cast iron with drainage-pattern fittings and heavy-duty no-hub couplings. 4. Storm Drain Piping: Standard weight cast iron with drainage-pattern fittings and heavy-duty no-hub couplings.	Plumbing	Providing District Standard	See Outline Specification
D21	22 20 00	**PIPING SPECIALTIES** 1. Provide water-hammer arrestor at each quick-closing flushing valve fixture (or group of fixtures). 2. Provide access panel for all in-wall water hammer arrestors and isolation valves. 3. Provide hose bibb and floor drain in each bathroom.	Plumbing	Recommendation (No Standard)	See Outline Specification
D22	22 40 00	**PLUMBING FIXTURES** 1. Toilets shall be floor-mounted, bottom-outlet, white vitreous china with manually-operated diaphragm-type flush valves. 2. Urinals shall be wall-mounted, rear-outlet, white vitreous china with manually-operated diaphragm-type flush valves. 3. Sinks shall be drop-in or undermount stainless steel basin with deck-mounted gooseneck faucets. 3. Hot water shall not be supplied to classroom sinks or student restrooms; cold water only.	Plumbing	Providing District Standard	Providing District Standard AND Recommendation (No Standard).
D23	22 45 00	**PLUMBING EQUIPMENT** 1. S-Wing - Provide new point-of-use electric water heaters at mop sinks and breakroom sinks. Provide hot water to staff restroom lavatires. Where staff restroom is adjacent to janitor closet or custodial closet, hot water shall be provided from the corresponding point-of-use water heater. Remote staff bathrooms shall be provided with hot water with a new point-of-use elec water heater. 3. G-Wing - Replace existing gas fired water heater in adjacent Mech Room with new heat pump water heater to serve all locker room showers and other hot water needs.	Plumbing	Providing District Standard	Water Heater: Providing District Standard Tankless POU Water Heaters: Recommendation (No Standard)
D30	0	HEATING, VENTILATION AND AIR CONDITIONING (HVAC)			
D3020	23 54 00	**HVAC SYSTEMS** 1. S-Wing: ASHP Heating and Cooling Plant tied to (3) rooftop AHU units. AHUs to have MERV-13 filters, heating and chilled water coils, run around heat recovery coils, and full 100% Economizer. VAV boxes for each thermal zone for temperature contorl and energy efficiency 2. G-Wing: Small and Large Gym FC's and associated Ductwork to remiain as is (no scope). Support spaces - (E) Fan Coil Units to remain as is. All ductwork to be demo'd back to fan coils and re-dstributed based on new space configuration. All (E) exhaust fans to be replaced in kind with same airflow capacity. New weight room to be provided with a Pacakged Heat Pump RTU unit located on the roof.	Mechanical	Recommendation (In Lieu of Standard)	See Outline Specification
D3030	0	COOLING SYSTEMS			
D3030	23 81 26	**SPLIT-SYSTEM AIR-CONDITIONERS** 1. G and S Wing: Provide 2-Ton mini split AC for each of the MDF/IDF rooms. Indoor unit shall be wall-mounted type fan coil unit. Outdoor condenser to be installed on roof. 2. Mini Split AC shall be Daikin	Mechanical	Providing District Standard	See Outline Specification
D3050	0	FACILITY HVAC DISTRIBUTION SYSTEMS			
D3050	23 21 13	**HYDRONIC PIPING** 1. Condensate piping shall be Copper Type L ASTM B88 fully insulted. 2. Heating Hot Water and Chilled Water Piping shall be Copper Type L ASTM B88 fully insulated and sized to a head loss of 2ft per 100' of pipe	Mechanical	Recommendation (No Standard)	See Outline Specification
D3050	23 23 00	**REFRIGERANT PIPING** New refrigerant piping shall be ACR Copper, Type L Hard Drawn, ASTM B280 fully insulated. All connections shall be braced.	Mechanical	Recommendation (No Standard)	See Outline Specification
D3050	23 30 00	**HVAC AIR DISTRIBUTION COMPONENTS** 1. Supply, Return and Exhaust Ductwork: G90 Galvanized duct, ASTM A-525 and A-527 sized to not exceed a static presure of 0.06inches/100feet. All supply, return, and outside air ductwork shall be insulated. All exposed ductwork to be internally insulated. 2. Air Inlets and Outlets: Titus, Price, Kreuger, or equal. Installation to match ceiling condition.	Mechanical	Recommendation (No Standard)	See Outline Specification
D3050	23 34 00	**HVAC FANS** 1. Provide new roof-mounted mushroom fan fornew bathroom exhaust. Exhaust fan shall be Greenheck G, Cook, or equal. 2. Provide new ceiling mounted exhaust fan for single-occupant bathrooms. Exhaust fan shall be Greenheck, Panasonic, or equal.	Mechanical	Recommendation (No Standard)	See Outline Specification
D3050	23 74 00	**PACKAGED OUTDOOR HVAC EQUIPMENT** 1. Rooftop heating ASHPs shall be Mitsubishi, Daikin, or LG 2. Rooftop Chiller shall be Trane, Carrier or York 3. Rooftop AHUs and RTUs shall be Trane, Aaon or Huntair 4. See equipment schedules for unit sizes.	Mechanical	Recommendation (No Standard)	See Outline Specification
D40	0	FIRE PROTECTION			
D40	21 00 00	**FIRE SUPPRESSION** 1. S-1: The building shall be fully sprinklered in accordance with NFPA 13 and the requirements of the local Fire and Building Departments 2. Building N - Gym & Locker Rooms: The existing building (including the gym) shall be fully sprinklered in accordance with NFPA 13 and the requirements of the local Fire and Building Departments.	Fire Protection	N/A	See Outline Specification

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
D40	28 31 00	**FIRE PROTECTION SPECIALTIES** 1. Fire Alarm System G-Wing - Remove the existing system in its entirety and replace with a new system. The new system shall be Siemens XLS 4100 addressable voice communication system consisting of main panel, remote annunciator panel at the entrance, power supplies, speakers, speaker/strobes, strobe lights, manual pull stations, detectors, relay modules for monitoring and control of other systems. S-Wing - The S-wing FA system shall be Siemens XLS 4100 addressable voice communication system consisting of main panel, remote annunciator panel at the entrance, power supplies, speakers, speaker/strobes, strobe lights, manual pull stations, detectors, relay modules for monitoring and control of other systems.	Fire Protection	Providing District Standard	See Outline Specification
D50	0	ELECTRICAL			
D50	26 05 02 26 05 29 26 05 73 26 05 74 26 22 13 26 24 13 26 24 16	**ELECTRICAL SERVICE AND DISTRIBUTION (Part 1 of 4)** All changes described above and below are part of base scope, unless clearly identified as part of some of the alternates: 1. Electrical Service Connect to existing service from outdoor substation "S" rated with 300KVA, 1000-amp, 120/208-volt, 3-phase, and 4-wire. 2. Power Distribution See Single Line Diagram	Electrical	Providing District Standard	Equipment selection: Eaton or Square D
D50	26 05 02 26 05 29 26 05 73 26 05 74 26 22 13 26 24 13 26 24 16	**ELECTRICAL SERVICE AND DISTRIBUTION (Part 2 of 4)** 3. General Purpose Electrical Power Demolition: Include in bid and cost estimation removal of all power devices, associated wiring and conduit supports in existing areas being demolished. New work shall include completly new power layouts and new circuiting in each building to suit new Architectural room layouts. Please see below for more details regarding scope of work and circuiting criteria for each room type: No more than four (4) duplex receptacles shall be on one (1) 120V/20A circuit. Alternate circuiting of adjacent convenient duplex receptacles shall be provided to minimize outages. Ground fault protection is provided for all outlets within 72” of a sink edge. All receptacles, 120V, and 208V, shall be permanently labeled with a panel and circuit breaker number. The final number of branch circuits, as well as the rating of branch circuit wirings shall be coordinated further during Detailed Design with project Architects and Owner representatives.	Electrical	Providing District Standard	Equipment selection: Eaton or Square D
D50	26 05 02 26 05 29 26 05 73 26 05 74 26 22 13 26 24 13 26 24 16	**ELECTRICAL SERVICE AND DISTRIBUTION (Part 3 of 4)** All changes described above and below are part of base scope, unless clearly identified as part of some of the alternates: <u>Circuiting considerations (per area type):</u> a) Dance rooms shall be equipped with minimum of three duplex outlets per wall in each room, fed via two branch circuits. b) Storage rooms shall be equipped with minimum of two duplex outlets per room, fed via single branch circuit. c) Teacher lounge, miscellaneous offices and meeting rooms: At least one dedicated circuit (120V, 20A) per room, feeding minimum of 3 duplex outlets in each. d) Hallways: Duplex outlet each 15 linear ft, fed via shared branch circuit. Max number of duplex outlets power via single circuit is 4.	Electrical	Providing District Standard	Equipment selection: Eaton or Square D
D50	26 05 02 26 05 29 26 05 73 26 05 74 26 22 13 26 24 13 26 24 16	**ELECTRICAL SERVICE AND DISTRIBUTION (Part 4 of 4)** All changes described above and below are part of base scope, unless clearly identified as part of some of the alternates: <u>Circuiting considerations (per area type):</u> e) MDF/IDF rooms: - Dedicated quadruplex outlets in MDF (Bldg A), fed via five (5) 20A, 1ph, 120V circuits. - Dedicated quadruplex outlets in IDFs (buildings E, F, G and H) fed via at least three (3) 20A, 1ph, 120V circuits. *f) Restrooms: Provide duplex GFCI receptacle for each stall.* g) Library area and Exploratorium: Min of five (5) 20A, 120V branch circuits for each. Power layouts to be determined during DD. h) Classrooms - For cost estimate exercise please consider the following power requirements to be provided for each classroom: - Two (2) dedicated duplex outlets for printer and screen displays in each room; - Each counter area in classrooms shall be equipped with three (3) quadruplex outlets (powered via one shared circuit) for charging up to twelve devices; - Additional dedicated 120V, 20A/1p branch circuit for teacher's desk (powering teacher's lap top and mis. devices) with a single quadruplex outlet; - Dedicated quad outlet for teaching wall, needed in each elementary school classroom; - Price estimator to include in pricing additional tamper-resistant duplex outlets along the classroom perimeter, every 10 linear ft (shared circuit, 4 outlets per circuit max).	Electrical	Providing District Standard	Equipment selection: Eaton or Square D

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
D50	26 09 43 26 51 00	**LIGHTING** 1. Lighting Control (Providing District Standard) Lighting control shall be Wattstopper DLM system or approved equal. The system shall consists of one Digital Segment Manager with network capability in each building, one Digital Network Bridge in each room, Digital Room Controller in each room (quantity of controller and number of relays in each controller to be determined), occupancy sensors in each room, photosensor in each room with day-lit area, dimmer switch(es) in each room, plug-load controller in each lobby, office, conference and copy room, HVAC interface module as required. Indoor lighting in enclosed rooms is controlled by occupancy sensor for auto on/off. Dimmer switch(es) with integral on/off shall be provided for manual on/off and adjustment of the lighting level. Lighting in daylight areas is controlled by photosensor for continuous adjustment of lighting level. Lighting in corridors and stairways shall be controlled by lighting control panel in conjunction with occupancy sensors. Lighting control panel will turn lights on during school hours. Lighting level will be reduced to 25% when no occupant is detected during school hours. Lighting will turn off by the lighting control panel after hours; occupancy sensors will provide auto on/off after hours. 2. Lighting Fixtures Install new fixture in new spaces. Replace existing interior fixtures where required and provide new dimmable LED type light fixtures. The interior general lighting levels are to be designed in accordance with District Design Guidelines & Standards. Basis of Design fixtures: A. Lithonia Lighting - SBL4 LP835 – 4' LED Wraparound 3,500K. B. Finelite – Series 16 LED ID – DCO-4' 3. Emergency Egress Lighting Emergency Egress Lighting backup power shall be provided by a central lighting inverter. Exit signs with battery packs will be provided throughout the buildings to show the egress route. Lighting illumination levels for designated egress path is minimum 1 foot-candle average along egress path. Central lighting inverter shall provide a minimum of 90 minutes operation during commercial power interruption. Emergency lighting shall be provided in multipurpose rooms, corridors, multiple stalls restroom, locker rooms, classrooms, equipment spaces and as indicated on plans. Corridors, classrooms, and building exit path shall be provided with high and low level exit signs. Circuit feeding exit signs shall be un-switched.	Electrical	Recommendation (In Lieu of Standard)	See Outline Specification
D50	26 31 00	**FACILITY POWER GENERATION** *1. Photovoltaic Collectors -*	Electrical	TBD	TBD
D60	0	COMMUNICATIONS			
D60	27 00 00	*1. Data Communications - Will comply with IT Design Guidelines* *2. Audio-Video Communication – Apple AirPlay* *3. Clock/Paging – Rauland TeleCenter*	Telecomm	Providing District Standard	(From "SSFUSD IT Implementation Design Guidelines, Final" dated 4/28/2025)
D70	0	ELECTRONIC SAFETY AND SECURITY			
D70	28 00 00 28 05 13 28 10 10 28 23 00 28 46 00	*1. Access Control and Intrusion Detection - Sonitrol* *2. Electronic Surveillance – Avigilon VMS and Cameras* 3. Fire Alarm - Siemens XLS: A.FACP: Siemens XLS, CSFM 7165-0067:0222 (No Substitution) B.Smoke Detector: Siemens FP-11, CSFM 7272-0067:0203 C.Heat Detector: Siemens FPT-11, CSFM 7270-0067:0202 D.Speaker/Strobe: Siemens SEFH-HMC-R, CSFM 7125-0067:0272 E.Speaker: Siemens SEFH-R, CSFM 7320-0067:0273 F.Fire Alarm Enclosures: Siemens Fire Finder XLS CAB G.Person Machine Interface 3: Siemens PMI-3 for FireFinder XLS H.Card Cage Slots: Siemens CC-2, CC-5 I.Switch-Control Module: Siemens SCM-8 J.Live Voice Module: Siemens LVM K.Digital Audio Card and Local Page Board: Siemens DAC-NET and LPB L.Network Interface Card: Siemens NIC-C	Security	Providing District Standard	(From "SSFUSD IT Implementation Design Guidelines, Final" dated 4/28/2025)
D80	0	INTEGRATED AUTOMATION			
D80	23 09 23	**DIRECT DIGITAL CONTROL SYSTEM FOR HVAC** 1. Provide new campus-wide DDC system using Alerton BACnet Energy Management System (No Substitution Allowed) for communication with the existing South San Francisco Unified School District EMS frontend workstation. All new and existing HVAC equipment shall be tied-in to the new EMS. 2. Provide new BACnet controllers throughout. Controllers shall be compatible with current SSFUSD frontend worstation. 3. Provide new EMS laptop with current software at SGES where required. 4. Upgrade graphics (GUI) at existing District's frontend workstation for SGES. 5. Salvage existing Alterton controllers and return to the District. 6. Rigid conduit for outdoor installation. EMT for indoor mechanical/electrical room subject to damage. Plenum rated cable in dropped ceiling. Conduit in walls. Surface mounted raceway is not allowed. 7. Provide electrical power and data drop.	Mechanical	Providing District Standard	See Outline Specification
E00	**SECTION E - EQUIPMENT AND FURNISHINGS**				
E10	0	EQUIPMENT			

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
E10	11 23 00	**COMMERCIAL LAUNDRY AND DRY CLEANING EQUIPMENT** 1. Commercial washer and drying machines within Building S1 and Building N	Architectural	No District Standard	
E10	11 52 16	**INSTITUTIONAL EQUIPMENT** 1. Interactive screens - 75" for Classrooms under 1,000 SF & 85"	Architectural	Providing District Standard	Backup power inverter-allows system to remain in operation upon loss of primary AC power Basis of Design: Panasonic-UT-T880; Smart Board 600 Series. Approved equal if performance and quality equivalency can be evidenced.
E10	05 51 33	**METAL ROOF ACCESS LADDERS**	Architectural	Providing District Standard	Access Ladder Basis of Design: 1. O'Keeffe Inc. – Model 501 – Heavy Duty Tubular Rail Ladder. Clear Anodic Finish: AA-M10C22A42
E10	10 51 53	**LOCKER ROOM BENCHES** Steel post and sealed wood bench 1. 18" Max Standard, Floor Mounted Bench 2. 20"-24" x 48" Accessible, Floor Mounted Bench	Architectural	Recommendation (In Lieu of Standard)	Basis of Design: 1. Global Industrial Locker Room Bench, Hardwood With Steel Tube Pedestal Legs 2. Global Industrial™ ADA Locker Room Bench, Hardwood
E20	0	FURNISHINGS			
E2010	12 21 13	**MANUAL ROLL-DOWN SHADES** Manual roller window shades with Chapter 11b compliant operating hardware	Architectural	Recommendation (In Lieu of Standard)	Basis of Design: Standard Textile - Custom Roller Shade Newton
F10	**SECTION F - SPECIAL CONSTRUCTION AND DEMOLITION**				
F20	0	SELECTIVE BUILDING DEMOLITION			
F20	02 41 19	**HAZARDOUS COMPONENTS ABATEMENT** 1. Existing Asbestos Information 2. Existing Lead Paint Information	BMT	Providing District Standard	Abatement of Hazardous Material: Coordinate with recommendation of District industrial hygienist consultant for abatement of hazardous material. District preference is for abatement of asbestos versus encapsulating.
F2010	02 41 19	**SELECTIVE DEMOLITION** 1. Neatly remove portions of the existing structure as indicated 2. Dispose of demolition waste in accordance with District procedures	Architectural	Providing District Standard	Salvage of material: Design profession is to review and coordinate with Facilities items to be removed and to determine if salvage is desired. Deliver salvaged material to District location as directed.
F30	0	DEMOLITION			
F30	02 41 00	**SPECIAL DEMOLITION AND PREPARATION - BUILDING N (GYMNASIUM)** 1. Remove doors and frames 2. Remove partition and gypsum ceilings 3. Remove portions of existing concrete walls 4. Partial removal of MEP systems - Refer to Drawings 5. Remove	Architectural	No District Standard	
G10	**SECTION G - SITEWORK**				
G10	0	SITE PREPARATION			
G10	02 41 05 - Tree Protection	**SITE CLEARING** 1. Tree protection	Landscape/Civil	No District Standard	
G10	02 41 00	**SITE ELEMENTS DEMOLITION** 1. Utility Demolition 2. Intrastructure Demolition	Civil	No District Standard	1. Utilities to be removed shall be completely removed and backfilled per the geotechnical reccommendations. PIpes to be abandoned in place shall be capped or plugged with 6" min concrete. 2. Remove asphalt and base where pavement is to be removed for grading and/or new paving sections. Remove asphalt only for areas to receive new AC only section and/or AC overlay.
G10	02 50 00	**SITE REMEDIATION** 1. Physical Decontamination 2. Abatement of Hazardous Materials	Hazmat	Providing District Standard	Abatement of Hazardous Material: Coordinate with recommendation of District industrial hygienist consultant for abatement of hazardous material. District preference is for abatement of asbestos versus encapsulating.
G10	31 20 00-Earth Moving	**SITE EARTHWORK** 1. Grading 2. Excavation and Fill 3. Erosion and Sedimentation Controls 4. Soil Reinforcement 5. Etc.	Civil	No District Standard	Earthwork shall be in accrodnace with the getoechnical recommendations and the project specifications. Erosion and Sediment Control Plan shall be provided during the course of constrction. A SWPPP is not anticiapted as the area of disturbred surace is less than 1 acre.

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
G10	33 00 00	**SITE ELEMENTS RELOCATIONS** 1. Utility Relocation	Civil	No District Standard	Services to existing buildigns shall remain operational. Any shutdowns shall be coordianted with the district and appropriate authorities/utilities.
G10 G1010 G1010.10 G1010.30 G1010.50	31 10 00-Site Clearing	**SITE CLEARING** 1. Clearing and Grubbing 2. Tree and Shrub Removal and Trimming 3. Earth Stripping and Stockpiling	Landscape/Civil	No District Standard	1. Clear and grub areas of demo to remove all organic and deliterious substances. Clear and Grub at least 8" and as recommended in the geotechincal report.
G20	0	SITE IMPROVEMENTS			
G20	32 13 13 - Landscape Concrete 32 11 00 - See Civil	**PEDESTRIAN PLAZAS AND WALKWAYS** 1. Pedestrian Plazas and Walkways 2. Exterior Steps and Ramps	Civil	TBD	Concrete shall be per Caltrans standards for minor concrete. Color and Finish to match existing where tying into existing improvements.
G20	32 13 13 - Landscape Concrete	**PEDESTRIAN PLAZAS AND WALKWAYS** 1. Pedestrian Pavement 1.1 Pedestrian Pavement Base Courses 1.2 Flexible Pedestrian Pavement (AC Paving) 1.3 Rigid Pedestrian Pavement (Concrete) 1.4 Pedestrian Aggregate Surfacing (Granitecrete) 2. Pedestrian Pavement Curbs and Gutters 3. Exterior Steps and Ramps 4. Pedestrian Paving Appurtenaces	Landscape	Recommendation (In Lieu of Standard)	1. Slabs or stairs to receive toppings and fills: Scratched; Exposed stair fills-non-slip. 2. Exterior Paved areas; Light Broomed. 3. Formed Surface to receive paint: Smooth formed; Concealed concrete surfaces: rough formed. 4. Permeable pavement: Granitecrete stabilized crushed rock pavement or equal. 5. Permeable pavers
G20	32 31 13 - Landscape Concrete 12 93 05	**SITE DEVELOPMENT** 1. Fences and Gates 1.1 Chain Link Fences and Gates 1.2 Decorative Metal Fences and Gates *(preferred)* 2. Site Furnishings 2.1 Bicycle Racks 2.2 Bicycle Lockers 2.2 Trash and Litter Receptors 2.3 Planters 2.4 Site Seating and Tables 3. Retaining Walls 3.1 Cast-In-Place Concrete Retaining Walls 3.2 Precast Concrete Retaining Walls	Landscape	Recommendation (In Lieu of Standard)	1. School Outfitters/Polly Products Item #NOR-ASM-EM6B-02 Greenspace Series Recycled Plastic Bench 2. Or Equal 4. Cast-in-place concrete walls, prefabricated concrete, wood, perforated steel benches. Manufacturers: QCP, Landscape Structures, Dumor or equal. 5. Natural wood logs, boulders 6. Garden Beds 7. Curbed Planters
G20	32 82 00 - Irrigation	**LANDSCAPING** 1. Planting Irrigation 1.1 Irrigation Pumps 1.2 Drip Irrigation 2. Turf and Grasses 3. Plants 3.1 Ground Covers 3.2 Plants and Bulbs 3.2 Shrubs 3.4 Trees 4. Planting Accessories 4.1 Landscape Edging 4.2 Landscape Timbers 5. Mulch - Areas of exposed soil in planted areas will have 1/4"-3/8" angular black rock mulch, resin bound UV-stable porous resin bound system. 6. Rootbarrier - Located in 5'-0" spans beyond trees 7. Bioretention Planting 7. Bioretention Soil - See Civil storm drainage utilites	Landscape	Recommendation (In Lieu of Standard)	Backflow Preventers shall meet the requirements of the San Mateo County Department of Public Health and California Water Service, Cal Water. Per California code, a seperate meter for irrigation will be provided. A meter valve and flow sensor will be used to detect any leaks or breaks. Isolation valves will be used. Basis of Design: Clock: 1. Basis of Design: Hunter clock Controller: 1. Hunter Pro-HC PHC1200 Filters: 1. Toro with 150 mesh screens. Pipe and Fittings: 1. SC 40 PVC Piping Quick Coupling Valve: at 150' OC 1. Hunter. The valve body to be of two-piece construction with a cover of bronze and thermoplastic rubber marked “DO NOT DRINK” in English and Spanish language. Sprinkler Heads: 1. Hunter pop-up sprinkler heads 4” and 6” 2. Hunter rotary sprinkler heads i20 and i25 Valves: 1. Basis of Design: Hunter remote control valves Valve Boxes: 1. Carson 910 or equal. Lid shall be green, marked “IRRIGATION” and have a lock bolt. *1. Use HDPE drip lines.* *2. Low water, drought tolerant, Pollinator friendly, California Native encouraged.*

Uniformat Number	Spec Section	Description	Responsibility	District Standard, No Standard, or Recommendation	District Standard - Description
G20	32 12 16-Asphalt Paving	**PARKING LOTS / DRIVEWAYS / FIRE LANES** 1. Parking Lot Pavement	Civil	Recommendation (No Standard)	New pavemnt shall be in accordance with geothecnical recommendations and AC Type B or better.
G20	32 11 00-Pavement Base Course	**PARKING LOTS / DRIVEWAYS / FIRE LANES** 1. Parking Lot Pavement	Civil	Recommendation (No Standard)	Base shall be Class II per Caltrans Specifications.
G20	32 13 75-Concrete Curbs and Gutters	**PARKING LOTS / DRIVEWAYS / FIRE LANES** 1. Parking Lot Curbs	Civil	Recommendation (No Standard)	Concrete shall be per Caltrans standards for minor concrete. Color and Finish to match existing where tying into existing improvements.
G20	32 1713 - Parking Bumpers	**PARKING LOTS / DRIVEWAYS / FIRE LANES** 1. Parking Lot Bumpers	Civil	Recommendation (No Standard)	Wheelstops shall be 6', concrete and anchored with two #4 bars
G20	32 17 23 - Pavement Markings	**PARKING LOTS / DRIVEWAYS / FIRE LANES** 1. Parking Lot Appurtenances (Traffic Signage, Markings)	Civil	Recommendation (No Standard)	Singing and striping shall be per the current MUTCD (california supplement) and Caltrans Standards.
G20	0	RETAINING WALLS			
	03 10 00 03 20 00 03 30 00	**REINFORCED CONCRETE RETAINING WALLS (Building N Addition)** 1. Below Grade Preparation 2. Cast-In-Place Concrete	Structural	No District Standard	
G30	0	LIQUID AND GAS SITE UTILITIES			
G30	31 21 00-Utility Trenching and Backfill 33 41 00-Storm Drainage Utility Piping 33 46 00-Subdrainage	**STORM DRAINAGE UTILITIES** 1. Storm Drain Utility Connections 2. Piping 3. Stormwater Management Plan - Treatment Areas	Civil	Recommendation (No Standard)	1. Connections to existing facilities shall be in accordance with city standards. 2. Storm drain piping 4" thur 10" shall be PVC SDR 35. Pipes 12" and larger shall be dual wall HDPE. 3. Bioretention areas per San Mateo County C.3 guidelines.
G30	31 21 00-Utility Trenching and Backfill 33 30 00-Sanitary Sewer System	**SANITARY SEWER UTILITIES** 1. San. Sewer Utility Connection 2. Piping	Civil	Recommendation (No Standard)	SS lines from 4" to 10" will be PVC SDR 26 SS connection will be per city/county standard.
G30 G3010.50	31 21 00-Utility Trenching and Backfill 33 10 00- Water System	**WATER UTILITIES** 1. Site Domestic Water Distribution 2. Site Fire Water Distribution 3. Site Irrigation Water Distribution	Civil Landscape	Recommendation (No Standard)	1. Domestic water service lines per Cal Water. Onsite water system up to 3-1/2" shall be copper type K and water system from 4" thru 12" shall be PVC C900 (Class 305) and installed per NFPA 24 Standards. 2. fire water service lines per Cal Water / fire dept standards. Onsite fire system and apprutenances shall be PVC C900 (Class 305) and installed per NFPA 24 Standards.
G40	0	SITE ELECTRICAL UTILITIES			
G40	26 05 02 26 05 26 26 05 43	**SITE ELECTRIC DISTRIBUTION SYSTEMS** 1. Electrical Utility Services	Electrical	No District Standard	See Outline Specification
G40	26 09 43 26 51 00	**SITE LIGHTING** 1. Area and Building Illumination Replace existing outdoor fixtures and provide new dimmable LED type light fixtures. The exterior general lighting levels are to be designed in accordance with District Design Guidelines & Standards. See SD plans for the preliminary lighting selection and layouts.	Electrical	Recommendation (No Standard)	See Outline Specification
G40	34 60 13	**ELECTRONIC VEHICLE CHARGING STATIONS**	Electrical	No District Standard	TBD
G50	0	SITE COMMUNICATIONS			
G50	27 00 00	**SITE COMMUNICATIONS SYSTEMS** 1. MDF to IDF Structured Cabling	Telecomm	No District Standard	TBD