



ATTACHMENT 2
2018-2019 DISTRICT STANDARDS
PRODUCT AND FIXTURE GUIDELINES

LISTED BY PRIORITY		MANUFACTURER(S)	MODEL NUMBER
A.	AIR - CONDITIONING		
	• CO2 Sensor	Carrier	33ZCSPTCO2-01
	• Controller	Carrier	OPN-RTUM2
	• Gateway	Viconics	ZW2-OIO-00
	• Heat Pumps	Carrier	Low Ambient Kits for units that run 24/7.
	• Link	Carrier	CIV-OL, CIV-CR, CIV-L
	• Link Controller	Carrier	CCN Carrier Comfort Network with Premier Link Controllers - IVUE
	• Routers	Carrier	CIV-OR, CIV-CR
	• Supply Air Temperature Sensor	Carrier	33czscnsat
	• Thermostat	Carrier Open Controls	
	• Thermostat	Viconics	VT8600U5500B - Wireless (PIR) Motion Sensor STAT/Wireless Gateway & Power Supply/BAC-Net IP - Open Protocol
	• Wireless Communication card	Viconics	VCM8000V5000P
	• Wiring Harness for Controller	Carrier	OPN-RTUHRN
	• Zone Sensor	Carrier	ZSP-CAR
B.	PLUMBING FIXTURES & ACCESSORIES TOILET ROOMS		
	• Catch Basin	NDS	930 Low Profile Adapter with 991 Grate. Fasten with Screws
	• Recirculation Pump	Grundfos	
	• Relief Valves	Watts	
	• Service Sinks/Mop Sink	Chicago	305-VBRCP
	• Sink - Health Tech	Chicago	201-AGN8AE29-317AB
	• Temperature Valves	Watts	
	• Toilet Room Partitions	Laminating Technologies	
C.	LIGHTING:		
	INTERIOR ELECTRIC LIGHT FIXTURES		
	• Interior Classroom Light	Lithonia	GTL - Series 2x4 Troffer - LED 2 Lamp with Parismatic Lens
	EMERGENCY LIGHTS AND EXIT SIGNS		
	• Exit Signs	Cooper Lighting	All Pro APX7G - Termoplastic LED Green Lettering
	• Emergency Lights	Cooper Lighting	All Pro APEL 2 Light LED
D.	EMERGENCY POWER SYSTEM		
	• UPS - Security, Phones, Intercom	APC	APC BR1500G
E.	LIGHT CONTROL SYSTEM		
	• Building Lighting Controls - Interior	WattStopper	
F.	ELECTRICAL EQUIPMENT		
	• Keyed Switches - MPR and Restrooms	Leviton	
	• Locking Switches	Leviton	1 pole - 1221, 2 pole - 1222, 3 way - 1223-2L
	• MCC (Motor Control Centers)	Square D	
	• Soft Start Motor Starters	Square D	
G.	FLOORING		
	• Carpet Sheet	Tandus	Infinity Mark 1 RS, Color - Kaleidoscope
	• Epoxy - Kitchen	Florock, Stonhard	FloroQuartz, Stoneshield HRI
	• Top Set Rubber Base	Burke	4" and 6" high, Black
	• VCT/Resilient Tiles/Sheet	Armstrong	Imperial Texture, Standard Excelon, Basic Colors: Lunar Blue, Dutch Deft, Serene Blue, 12" x 12" gauge 1/8"

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	• Walk Off Carpet Tile	Tandus	TRIAD Geometric Tile, TRIAD Mat Series, 18" x 18", Rubber Reinforced Geometric Pattern, .25" height, 100% Premium Polypropylene
	• Wall Base	Rope	Black 4"
H.	SECURITY ALARM SYSTEMS		
	• Integrated Security Systems	Honeywell	Vista 128BPT panel, 6160 Keypad - Confirm with District
I.	DOORS, FRAMES AND HARDWARE		
	• Communicating Classroom Doors	Schlage	ND66 RHO 626
	• Communication Doors	Schlage	ND66TD RHO 626 (Between classrooms)
	• Computer Managed Locking	Schlage	Provide Schlage's Computer Managed Locks, trim 06 at exterior openings and interior openings where indicated by the Owner's request and the Architectural indication. Provided credentials indicated by the District's Representative. Provide at the following areas: Principal's Office, Records Rooms, Supply Rooms, Audio/Video Storage and Computer Labs and Storage where indicated. Provide the Von Duprin 993 Computer Managed outside trim with exit devices.
	• Door Closers	LCN	4041XP Series with cast foot and forged arms, EDA Series. EDA hold open Series to have 3049CNS or 3039CNS arm with turn piece.
	• Door Closers - Custodial and Student Restrooms	LCN	LCN 4041 Series or LCN 1250 RW/PA Universal arm with hold-open feature.
	• Exterior Classroom Locks	Von Duprin	AX-PA-CD99 Rim Series Exit Device with vandal resistant pull, Ives VR910 Series.
	• Exterior Office/Nurse Doors/Student Toilets	Schlage	Two Cylinders ND93TD RHO 626
	• Exterior Staff Bathroom Doors - Single Occupancy	Schlage	L9486T x 583-375, 06A 626 or ND85PD Sparta
	• Exterior Staff Bathroom Doors - Single Occupancy	Schlage	L9440 x L283-722 x L583-363, 06A 626
	• Exterior Student Bathroom Doors	Schlage	L9077T x Indicator L283-711, 06A 626
	• Gates	Von Duprin	AX-PA-CD99 Rim Series Exit Device with vandal resistant pull, Ives VR910 Series.
	• Inswinging Staff Bathroom Doors	Schlage	B663P
	• Interior Classroom Locks	Schlage	ND70TD RHO 626 (Workroom doors)
	• Interior Classroom Locks/Exit Locks	Schlage	ND75TD RHO 626 (to hallway)
	• Interior Doors - Passage Sets	Schlage	ND10 RHO 626
	• Interior Office Doors	Schlage	ND53TD RHO 626
	• Interior Staff Bathroom Doors - Single Occupancy	Schlage	ND44 RHO 626
	• Interior Storeroom Doors	Schlage	ND80TD RHO 626
	• Key Systems/Hardware (Mortise and Rim)	Schlage	Full Size Interchangeable Core and Construction Cores: 6-Pin 626 full size interchangeable core E, F, EF keyways. Refer to the School District's Locksmith for the Keyway of record for each campus. NOTE: All cylinders to be 1 bitted. Stamp Key Bows with "Do Not Duplicate". Furnish two Control Keys for each project. <u>Cylinders are to be construction keyed with brass cores. All permanent keys and cores are to be sent directly from Schlage to the School District's Locksmith.</u> If the permanent keys and cores are not delivered directly from Schlage to the Escondido Union School District, the Contractor is responsible for a District wide rekey.

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	• Lock Guards	Ives	LG12 at exterior outswing doors without Anti-Vandal Resistant Pulls
	• Mullions	Von Duprin	KR Series
	• Padlocks	American Lock	Padlock Multi-Cyl Brass with 1 3/4"W x 2" Steel Thickness 3/4" Shackle Dia. 5/16" Clearance 2". AMAA3601WO – 101321.
	• Panic Devices	Von Duprin	99 Series. Trim to be 990NL-US26D or 996L-US26D
	• Pivots	LCN	7200
	• Utility, Custodial, Storage, Elec. and Mech. Rooms	Schlage	ND96 RHO 626
J.	FINISHES - LOW VOC's		
	• Coatings - Stair and Ramps	Monochem	Monochem
	• Graffiti Sealer	Monochem	Permashield
	• Non-Skid	Vista Paint	Tex Coat
	• Paint - Exterior	Dunn Edwards	W-901 Permasheen, DEC741 - Bone White, Evershield, Semi-gloss
	• Paint - Exterior, Doors, Windows and Trim	Dunn Edwards	W-901 Permasheen, PC2020, Semi-gloss, EUSD Blend
	• Paint - Interior	Dunn Edwards	W-901 Permasheen, DEW341 - Swiss Coffee, Evershield, Semi-gloss
	• Paint - Interior Accent	Dunn Edwards	W-901 Permasheen, DE5589 - Greenhouse Glass, Evershield, Semi-gloss
	• Paint - Interior Accent	Dunn Edwards	W-901 Permasheen, DE6324 - Velled Spotlight, Evershield, Semi-gloss
	• Paint - Interior Accent	Dunn Edwards	W-901 Permasheen, DE6191 - Exclusive Ivory, Evershield, Semi-gloss
	• Paint - Interior Accent	Dunn Edwards	W-901 Permasheen, DE5805 - Pale Frost, Evershield, Semi-gloss
	• Paint - Interior Accent	Dunn Edwards	W-901 Permasheen, DE6172 Bungalow Taupe, Semi-gloss
	• Paint - Interior Accent	Dunn Edwards	W-901 Permasheen, DE5876 - Alaskan Skies , Semi-gloss
	• Paint - Masonry Ball Walls	Dunn Edwards	W-901, Evershield 10, PC2020, Flat
	• Paint - Metal (Exterior)	Rustoleum	Sierra (Metal Max) DTMAcrylic with Grip Tee Primer
	• Paint - Concrete Ramp Surface Paint	Rustoleum	Porch and Floor (Nonskid)
	• Roof Coating	ACE Coating, Inc.	Alpha-8
	• Traffic Line Painting	Vista Paint	On-line and Optiline
K.	WATER FOUNTAINS		
	• Drinking - Pedestal mounted	Haws	Exterior 3150
	• Drinking - Two station	Haws	Stainless steel, ADA Approved, 111914VR on 008C
L.	MOTION DETECTORS		
	• Corner	Bosch	ISC-BDL2-WP12G
	• Motion	Honeywell, Optex	IS280CM with 360 motion, FX-360
M.	FOOD SERVICES/EQUIPMENT		
	• Air Curtain - 42"	Berner	FCA1042A-BOJ
	• Can Opener	Edlund	270/115 V
	• Cleaning Supply Storage Shelf	Cambro	CSUR44486480
	• Deck Mount Faucet	Chicago	2100 Series
	• Dunnage Rack	Metro	HD Super™ Dunnage Rack - HDP55K3
	• Garbage Disposal - Food Service	InSinkErator	PRO 77 1.5 hp - Commercial Grade
	• Hand Sink	Advance Tabco	7-PS-61
	• Hand Washing Faucet	Chicago	521ABCP wall mount
	• Hose & Hanger	Advance Tabco	K244
	• Hose Reel w/ Wall Mounted Control Cabinet	Fisher	97098
	• Janitor's Mop Sink	Advance Tabco	9-OP-40

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	• Kiosks with Power	SA Serving Lines	CCE216 Campus Café Kiosk 18', CCE008 Campus Café Awning
	• Mechanical Faucet	Chicago	895-317 ABCP faucet wall mount
	• Menu Board	School Nutrition and Fitness	
	• Microwave Oven	Panasonic	Pro Commerical Microwave Oven - NE-1064F
	• Milk Cooler	Traulsen	RMC58D6
	• Mobile Dry Storage Shelving	Metro	Super Erecta Shelf
	• Mobile Refrigerated Storage Shelving - Walk-Ins	Metro	Super Erecta Shelf - Metroseal 3
	• Mop Hanger	Advance Tabco	K242
	• Ovens	Blodgett, Vulcun	
	• Point Of Sale	Lenovo	
	• Pot & Pan Drying Rack	Metro	MetroMax i™ - PR48VX3
	• Pre-Rinse Fitting	Chicago	923LABCP spring type
	• Reach in Freezer / Refrigerators	Utility	Varies based on size
	• Retherms	Cres Cor	RO-151-FWUA-18DE
	• Roll-In Refrigerator - 1 Section	Utility	Varies based on size
	• Roll-In Refrigerator - 2 Section	Utility	Varies based on size
	• Rounded Corner Floor Mounted Janitor's Mop Sink	IMC Teddy	
	• Scale	Edlund	WSC-10
	• Speedline - Middle Schools Only	SA Serving Lines	C0439 Cabinet C37 Refrigerated, C0123 Cabinet H5 Heated, C0144 Cabinet C5 Refrigerated, C0109 Cabinet D3 Cashier Stand, C0392 Display Counter Rack 3 Basket, C0155 Cabinet D4 Merchancing, C0110 Cabinet D63 Merchandising, C0327 Sneeze Guard SN63SS Single Sided Self Serving with Heat, C1026 Fruit Stand
	• Steam Kettle - Tilting	Cleveland	Varies based on size
	• Three Compartment Wall Mounted Faucet	Chicago	445E1 ABCP
	• Transport Cart	Cres Cor	109030
	• Utility Carts	Metro	MY2030-34BU
	• Waste Valve	Fisher	22306 DrainKing
	• Work Table	John Boos	ST4-3060SSK
N.	LANDSCAPE/IRRIGATION EQUIPMENT		
	• Contoller	Rain Bird	ESP-LXME
	• Drip Tubing	Rain Bird	XFS
	• Drip Tubing - Sloped Areas	Rain Bird	XFSCV
	• Drip Filter Basket/Pressure Regulator	Rain Bird	PRB-QKCHK-100 1" Basket Filter with built-in Pressure Regulator (40 psi) and 200 mesh (75 micron) stainless steel screen, with a clean/dirty indicator
	• Flow sensor	Rain Bird	FS200B
	• Heads (Lawn) - Large Turf Areas and Fields	Hunter	I-40
	• Heads (Lawn) - Medium to Large Turf Areas	Hunter	PGJ, I-20
	• Heads (Lawn) - Small	Rain Bird	1800 Series
	• Heads (shrub)	Rain Bird	1800 Series
	• Master Valve	Weathermatic	8200CR
	• Planters	Rain Bird	1806
	• Pressure Regulating RCV	Rain Bird	
	• Quick Couplers	Rain Bird	
	• Remote Control Kit for Controller	Rain Master	Pro Max-UA
	• Remote Control valve (RCV)	Weathermatic	8200CR
	• Solvent Cement	Christy's	Red Hot Blue Glue
	• Solvent Primer	Oatey	All Purpose Primer (Purple)

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	• Splice	Spears	DS400
	• Sod - Field	Bermuda	
	• Ornamental Turf	Tall Fescue	12 lbs/1000 sq ft.
	• Sportsfield and Playground Areas	Stovers Sports Field Elite	12 lbs/1000 sq ft.
	• Valve	Weathermatic	8200CR
	• Valve Boxes	Brooks	With locking lid
	• Valves - Hand-operated	Watts	Brass only
	• Wings	Rain Bird	1804
O.	CLOCKS		
	• 13" Clock	Rauland	210001POE SM24
P.	IT EQUIPMENT - ACCESSORIES		
	• Post	Chatsworth	4 Post 45U Rack
	• Cabinet	MidAtlantic	SR-40-32 90 with LVFD-40 using key code B399A-FD and B644A-RD
	• Cabinet	MidAtlantic	DWR-12-32 28 with LVFD-12 using key code B399A-FD and B644A-RD
	• Patch Panel	TE	48PT SHLDHSG FRTLOAD, MM P/N 1933308-1 using modified port numbering/label meaning 1/2,3/4 and not 1-24 and 25-48 across using only 44 ports per panel
	• Jack	TE	RJ45Jack - SL series Cat6 using 568B Blue 1375055-6 for data/phone, Yellow for WAP, Green for HVAC,CCTV, IRRG, InterComm matching colors for Patch Panel, Wall Jack and Patch cable
	• Faceplate	TE	4 port, Almond 558088-1 for regular data port
	• Faceplate	TE	Wall Phone, Almond 1479152 -1 for wall phone connection
	• Interactive TV	Aver	CP Series - 654I, 754I, 864I
	• AP Wall Mount Bracket	Precision Enclosure System	AP569WM-V1
Q.	CABLING		
	• Copper Cabling	TE, AMR	CAT6 630 series CMR blue
	• Fiber Optics Cabling	TE	OM4 - 18 strands - 12 strands multimode and 6 strand single mode. 50/125 . We use SC on the fiber panel termination and LC to the local switch/router. Normally 1-3 meters in length aqua color.
R.	FENCING		
	• Ornamental Fencing	Ameristar	Montage II - Genesis
S.	CASEWORK		
	• Drawer Slides	Accuride International	
	• Elbow Catch Strikes	Olympus	"N" Series. 100DR, 200DR
	• Locks	Olympus	777 and 888 prep for large format Schlage interchangeable removable core.
T.	PAGING		
	• 4" Exterior Speaker with Base	Atlas	VT-152UCN with back box.
	• Call Switch	Rauland	TCDPB2
	• Ceiling Speaker	Rauland	BAFKITIX2SVC
	• Headend Unit	Rauland	Telecenter U
	• Trumpet Horn	Atlas	AP-15T
U.	FIRE ALARM	Siemens	XLS with Dialer - Internet/Cellular Dialer
V.	NETWORK SWITCHES		

LISTED BY PRIORITY		MANUFACTURER(S)	MODEL NUMBER
	• IDF - Intermediate Distribution Frame	HP	HP Procurve 2920-48G-PoE+740W with 2-Port Stacking Module (J9733A)
	• MDF - Main Distribution Frame	HP	HP Procurve 5406R v3 z12 w/2 1100W PoE+Power supplies if connecting less than 60 RJ45 drops
	• MDF - Main Distribution Frame	HP	HP Procurve 5412R v3 z12 w/2 2750W PoE+Power supplies if connecting 60 to 192 RJ45 drops
	• MDF - Main Distribution Frame	HP	HP Procurve 5412R v3 z12 w/2 2750W PoE+Power supplies if connecting over to 192 RJ45 drops
W.	WIRELESS NETWORK ACCESS		
	• MDF - Main Distribution Frame	HP	One HP MSM775 z1 WLAN Controller
	• MDF - Main Distribution Frame	HP	MSM Access Point Licenses - J9697AAE: Additional 10 AP Licenses, J9371AAE: Additional 40 AP Licenses
	• Access Points	HP	HP MSM430 Dual Radio 802-11n WLAN - Interior Coverage, HP MSM466 Dual Radio 802-11n WLAN Access Point - Exterior Coverage
X.	DATA EQUIPMENT POWER PROTECTION		
	• IDF - Intermediate Distribution Frame	TRIPP LITE	TRIPP LITE SMART1500RMLN with PDUMH15NET2 if supporting 1-2 switches, TRIPP LITE SMART3000RMLN with two (2) PDUMH15NET2 if supporting 3-4 switches, One (1) TRIPP LITE ENVIROSENSE module per IDF Cabinet
	• MDF - Main Distribution Frame	TRIPP LITE	One (1) each per full-height rack: TRIPP LITE SMART5000XFMRL with one (1) PDUMV30HVNET, Two (2) each per full height rack: TRIPP LITE PDUMH20NET2, one (1) TRIPP LITE SNMPWEBCARD module per MDF UPS, one (1) TRIPP LITE ENVIROSENSE module per MDF
Y.	TOILET ACCESSORIES		
	• Double Large Roll/TP Dispenser	Bobrick	B-2892
	• Grab Bars	Bobrick	B-800 & B-6800
	• Mirrors	Bobrick	B-165
	• Paper Towel Dispenser & Waste Combo	Bobrick	B-3944
	• Paper Towel Dispenser (Multi Fold - Staff)	Bobrick	B-262
	• Paper Towel Dispenser (Single Fold - Students)	Bobrick	B-263
	• Single Large Roll/TP Dispense	Bobrick	B-2890
	• Soap Dispenser (Owner Furnished, Contractor Installed)	Waxie	Manual 1250 mL
	• Toilet Seat Cover Dispenser	Bobrick	B-221

****No substitutions for line items with specified model numbers**