

CAMPUS STANDARDS GUIDELINES

PLEASE READ & FOLLOW THE DIRECTIONS PROVIDED BELOW

"The Campus Standards Guidelines is to be used as a guide . Los Angeles Valley College has a comprehensive design standards which governs the design of any of our proects. In case there is a valid need to deviate from these Standards , a request will need to be submitted in writing to and a formal written approval needs to be received from the LAVC Campus Maintenance & Operations (M&O) or IT Departments.

This is a living document and updates regularly ; therefore , one should check with the M&O Department for the most updated version before proceeding



COLLEGE PREFERRED PRODUCT



POSSIBLE OPTION

STANDARD		CAMPUS ALTERNATIVES
DIV. 07: THERMAL & MOISTURE PROTECTION		
ROOFING		
GENERAL	✓	GAF, Johns Manville or Sarnafli, no single ply. Build-up roof multi-ply per District Standards.
	✓	Modified Bitumen 30-yr Garland, 4-yr ply. Build-up roof multi-ply
FIREPROOFING		
GENERAL	✓	Monokote, CAFCO
BITUMINOUS DAMPPROOFING for cold application	✓	WR MEADOWS, HENRY, CARLISLE COATINGS OR EQUAL
SELF-ADHERING SHEET WATERPROOFING	✓	WR MEADOWS, HENRY, CARLISLE COATINGS OR EQUAL
DIV. 08: OPENINGS		
HARDWARE		
KEYS	✓	SARGENT SIGNATURE
CYLINDERS	✓	SARGENT SIGNATURE I/C
LEVER LOCKSETS	✓	SARGENT SIGNATURE I/C
Lockset	✓	SARGENT SIGNATURE I/C
CABINET LOCKSETS	✓	Olympus, Haworth, HON
HINGES	✓	HAGER, MARKAR 300 SERIES, CONTINUOUS STAINLESS STEEL
EXIT DEVICES	✓	SARGENT
KEY REMOVABLE MULLION POST for double door exit device opening	✓	SARGENT
CLOSER	✓	SARGENT
ADA COMPLIANT PEDESTRIAN SWING DOOR OPERATOR	✓	BESAM
CARD READER	✓	HID-ICLASS SE 13.56 MGHZ, R40 Typ. For iClass card (sole-source). Requires ICLASS Standard Capability, 920NTNTEK00000 (typical model) Able to work with the Lenel System
ELECTRIC STRIKES: RIM EXIT DEVICES		HES -9500 FRAME MOUNTED, HES-9600 MULLION MOUNTED
ELECTRIC CYLINDRICAL LOCKS		HES 8300 ,field modification, cutting Fire Door frame SHALL NOT BE PERMITTED
KEY SYSTEMS	✓	SARGENT SIGNATURE
ANTI VANDAL PULL		TRIMCO
ARMOR COLLAR		KEEDEX K-24
ASTRAGAL		PEMKO 355S
AUTO DOOR OPERATOR	✓	BESAM

	<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
29	AUTO DOOR CLOSER	✓ BESAM
30	AUTO FLUSH BOLT	✓ MCKINNEY / ROCKWOOD
31	BOLLARD ACTUATOR	✓ WIKK
32	BOLLARD POST	✓ WIKK - PBA IG-R HIGH/LOW
33	BUTT HINGES	✓ BOMMER / HAGER / MCKINNEY
34	CONTINUOUS HINGE	✓ MARKAR / MCKINNEY / PEMKO
35	COORDINATORS	✓ DCI / MCKINNEY / ROCKWOOD
36	DOOR BOTTOM	PEMKO 216PK
37	DOOR BOTTOM	PEMKO 217PK
38	DOOR STOPS	✓ TRIMCO, MCKINNEY / ROCKWOOD
39	DOOR SWEEP	✓ MCKINNEY / ZERO
40	DUST PROOF STRIKE	TRIMCO 3911
41	ELECTRIC LOCKSET	✓ SARGENT
42	ELECTRICAL CABINET KEYING	✓ LL803
43	FIRE ALARM PANEL KEYING	✓ B'
44	I/C CORE CYLINDER	✓ SARGENT SIGNATURE
45	I/C MORTISE CYLINDER	✓ SARGENT SIGNATURE
46	I/C RIM CYLINDER	✓ SARGENT SIGNATURE
47	KEYING OF CYLINDER	✓ FACTORY SARGENT SIGNATURE
48	KICK PLATE	TRIMCO KO050 - 10 X 2 LDW B4E
49	LATCHSET	✓ SARGENT
50	MOP PLATE	TRIMCO KM050 - 6 X 1 LDW B4E
51	MULLION SEAL	✓ MCKINNEY / PEMKO / ZERO
52	OVERHEAD COILING DOOR KEY SWITCH CONTROL	VEE INDUSTRIES, INC. 1 KX SURFACE MOUNT KEY SWITCH
53	OVERHEAD STOPS	GLYNN-JOHNSON
54	POWER SUPPLY	✓ SECURITRON
55	POWER TRANSER	✓ ELECTRIFIED HINGE
56	PRIVACY	✓ SARGENT
57	PUSH/PULLS	TRIMCO
58	REMOVABLE MULLION	VON DUPRIN KR4954 X MT54
59	SILENCERS	TRIMCO 1229A
60	SMOKE SEALS	✓ MCKINNEY / ZERO
61	SURFACE CLOSER	✓ SARGENT
62	THRESHOLD	✓ MCKINNEY / ZERO
63	WALL ACTUATOR	✓ USE SAME AS MAC
64	WALL BUMPER	TRIMCO 1270CVPV
65	WEATHERSTRIP	✓ MCKINNEY / ZERO
66	WIRELESS RECEIVER	LCN 8310-865
67	ACCESS DOORS	✓ BAUCO, KARP ASSOCIATES INC. , JL INDUSTRIES
68	EXTERIOR CEILING DOOR	✓ COOKSON COMPANY
69	FIRE RATED AUTOMATIC	✓ COOKSON COMPANY
70	INSULATED ELECTRIC OPERATION	✓ OVERHEAD DOOR CORPORATION
71	OVERHEAD COILING GRILLES	✓ COOKSON COMPANY, PACIFIC ROLLING DOORS
72	FOLDING DOORS	✓ MODERNFOLD, WONDOR

		<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
73	ALUMINUM-FRAMED ENTRANCES & STORE FRONT	<input checked="" type="checkbox"/>	CONTINENTAL
74	GLASS ENTRANCES & STOREFRONT	<input checked="" type="checkbox"/>	CONTINENTAL
75	ALUMINUM WINDOWS	<input checked="" type="checkbox"/>	WAUSAU, MODU-LINE 2250 SIGNATURE SERIES 12E, THERMAL BREAK WINDOW
76	FLAGPOLES	<input checked="" type="checkbox"/>	MORGAN-FRANCIS CO. INC.
77	DIRECTORIES & BULLETIN BOARDS	<input checked="" type="checkbox"/>	GREENSTEEL INC.
78	HOLLOW METAL DOORS, MINIMUM REQUIREMENTS	<input checked="" type="checkbox"/>	SDI LEVEL III CURRIES - POLYSTYRENE 707 T CORE
79	HOLLOW METAL FRAMES, MINIMUM REQUIREMENTS	<input checked="" type="checkbox"/>	14 GA COLD ROLLED STEEL
80	MARBLE THRESHOLDS AT TOILET ROOM ENTRANCES		GROUP "A" MARBLE AS CLASSIFIED BY THE MARBLE INSTITUTE OF AMERICA
81	METAL DOOR LOUVERS (AT RATED OPENINGS)		ANEMOSTAT FLDL-UL-SG2 LOUVER
82	METAL DOOR LOUVERS (AT NON-RATED OPENINGS)		ANEMOSTAT PLSL LOUVER
83	DECORATIVE FILMS		3M, LLUMAR/VISTA, METROPOLITAN WEST
84	DIV. 09: FINISHES		
85	FLOOR/ WALL FINISHES		
86	CARPET	<input checked="" type="checkbox"/>	Tandus or equal
87	RESILIENT FLOORING	<input checked="" type="checkbox"/>	Armstrong, IFPC (MOLD RESISTANT)
88			Mannington, FORBO, ESTRI, PARTERREE
89	CARPET MODULES	<input checked="" type="checkbox"/>	Tandus 36X36 mold resistant
90	RESILIENT TILES/SHEET FLOORING	<input checked="" type="checkbox"/>	Armstrong, Johnsonite
91			Mannington, FORBO,
92	WALL BASE	<input checked="" type="checkbox"/>	Armstrong, Johnsonite
93			Mannington , Burke, Roppe
94	PORCELAIN TILE-CERAMIC	<input checked="" type="checkbox"/>	Specific to design standard with installation floor to ceiling
95	WALL COVERINGS	<input checked="" type="checkbox"/>	DUNN EDWARDS, Benjamin Moore, Vista Paint
96	PAINT	<input checked="" type="checkbox"/>	DUNN EDWARDS, Sherwin Williams, Vista Paint, Frazee
97	HIGH PERFORMANCE COATINGS	<input checked="" type="checkbox"/>	Scuffmaster BY Master Coating Technologies, Dunn Edwards
98	EPOXY FLOORING-(EXTERIOR)	<input checked="" type="checkbox"/>	NEOGARD
99	FLOOR MATS/WALK-OFF MATS	<input checked="" type="checkbox"/>	TANDUS (DISTRICT CONTRACT IN EFFECT)
100	HARD SURFACE (GYMNASIUM)	<input checked="" type="checkbox"/>	MONDO, AACER, NOBLE HOUSE, TERAFLEX
101	GRAFFITI RESISTANT COATINGS	<input checked="" type="checkbox"/>	PERMASHIELD PREMIUM OR GENESIS COATING
102	GRAFFITI RESISTANT FILM	<input checked="" type="checkbox"/>	3M, JOHNSON WINDOW FILMS
103	RAISED FLOORING SYSTEMS		Tate, Maxcess, Interface AR (Carpet)
104		<input checked="" type="checkbox"/>	ACCESS FLOOR CO
105	RESILIENT TILES/SHEET FLOORING		JOHNSONITE
106		<input checked="" type="checkbox"/>	ARMSTRONG
107	SEAMLESS FLOORING		JOHNSONITE, MANNINGTON
108		<input checked="" type="checkbox"/>	ARMSTRONG
109	VCT	<input checked="" type="checkbox"/>	ARMSTRONG, JOHNSONITE
110			MANNINGTON OR EQUAL
111	RESINOUS FLOORING-EPOXY		STONHARD, TNEMEC
112		<input checked="" type="checkbox"/>	CROSSFIELD PRODUCTS
113	FIBERGLASS REINFORCED PLASTIC PANELS	<input checked="" type="checkbox"/>	MARLITE
114			KEMLITE/CRANE, GLASTEEL

		<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
115	TILE- - GENERAL	<input checked="" type="checkbox"/>	DALE TILES
116	MOTAR/GROUT FOR TILES	<input checked="" type="checkbox"/>	PRO PREMIUM GROUT BY LATICRETE, Mapei
117	TERRAZZO/MARBLE TILES	<input checked="" type="checkbox"/>	FRITZTILE OR EQUAL
118	CEMENTITIOUS GROUT (FLOOR TILE)	<input checked="" type="checkbox"/>	LATICRETE® PERMACOLOR™, OR APPROVED EQUAL.
119	EPOXY GROUT (WALL TILE)	<input checked="" type="checkbox"/>	LATICRETE® SPECTRALLOCK® PRO PREMIUM GROUT
120	FLOOR TILE		DALTILE, OR APPROVED EQUAL.
121		<input checked="" type="checkbox"/>	ARMSTRONG
122	SEALER	<input checked="" type="checkbox"/>	WALL TILE AND GROUT SHALL BE SEALED WITH A GRAFFITI RESISTANT, WATERBORNE URETHANE-SILICONE POLYMER COATING, NON-TOXIC, LOW VOC, NON-SACRIFICIAL, MOLD AND MILDEW RESISTANT, TRANSPARENT, UV RESISTANT, AND ABRASION RESISTANT. "SANIGLAZE PROCESS" SYSTEM (WWW.SANIGLAZE.COM)
123	WALL TILE	<input checked="" type="checkbox"/>	DALTILE, OR APPROVED EQUAL.
124	WATERPROOF MEMBRANE	<input checked="" type="checkbox"/>	LATICRETE® HYDRO BARRIER™, OR APPROVED EQUAL.
125	FIELD TILE	<input checked="" type="checkbox"/>	FIELD AND BASE DALTILE SEMI-GLOSS 4" X 4" , ACCENT TILE, DALTILE SEMI-GLOSS 4"X4"
126	EXTERIOR PLASTER	<input checked="" type="checkbox"/>	LA HABRA, HIGHLAND
127	RESILIENT WALL		BURKE FLOORING PRODUCTS
128		<input checked="" type="checkbox"/>	ROPPE JOHNSON RUBER CO.
129	PHOTOVOLTAICS	<input checked="" type="checkbox"/>	SHELL SOLAR
130	CEILING SYSTEMS		
131	ACOUSTICAL TILE	<input checked="" type="checkbox"/>	ARMSTRONG 1729 FIND FISSURED (RH90, 24" X 48" X5/8"
132	GRID SYSTEM	<input checked="" type="checkbox"/>	ARMSTRONG PRELUDE
133	ACOUSTIC SUSPENSION SYSTEM	<input checked="" type="checkbox"/>	AcoustiColor 2X4 preferred, ARMSTRONG TOTAL ACOUSTICS, CHICAGO METALLIC CO.
134			USG
135	INTERIOR SUSPENDED LIGHTS	<input checked="" type="checkbox"/>	PRUDENTIAL
136	WALL & CEILING ACCESS DOORS	<input checked="" type="checkbox"/>	SQUARE OR RECTANGULAR FRAMES WITH HINGED LOCKED DOOR
137	DIV. 10: SPECIALTIES		
138	SOAP DISPENSERS		DESIGNER TO SUBMIT FOR LAVC APPROVAL
139	PAPER TOWEL DISPENSERS	<input checked="" type="checkbox"/>	WAXIE, APC(LT-108) Quick Touch, SuperMax Jumbo Tissue dispenser(SuperMax#855807)
140	Toilet paper dispensers	<input checked="" type="checkbox"/>	BOBRICK MODEL B-2892 SURFACE-MOUNTED TWIN JUMBO-ROLL TOILET TISSUE DISPENSER
141	HAND DRYER		BOBRICK, Trim Line-Surface-Mounted ADA dryer B-7120 (22-ga mild steel zinc plated w/ high-gloss white epoxy paint finish), Xlerator (ADA compliant), Saniflow (ADA compliant)
142	BATHROOM PARTITIONS	<input checked="" type="checkbox"/>	BOBRICK SIERRASERIES® WATER-AND FIRE-RESISTANT SOLID COLOR REINFORCED COMPOSITE TOILET PARTITIONS AND URINAL SCREENS, Flush metal
143	RESTROOM ACCESSORIES	<input checked="" type="checkbox"/>	BOBRICK
144	STORAGE/TRANSFER	<input checked="" type="checkbox"/>	Tyga-Box System or EQUAL
145	LOCKERS - GENERAL	<input checked="" type="checkbox"/>	PENCO, List Industry
146	MARKER BOARD	<input checked="" type="checkbox"/>	EGAN VISUAL
147	TACKBOARDS		ABC SCHOOL SUPPLIES , ADP LEMCO
148	OPERABLE PARTITIONS	<input checked="" type="checkbox"/>	WON DOOR
149	WALL AND CORNER GUARDS	<input checked="" type="checkbox"/>	BALCO
150	DIAPER-CHANGING STATION	<input checked="" type="checkbox"/>	KOALA KARE PRODUCTS MODEL KB-110-SSWM HORIZONTAL WALL MOUNTED STAINLESS STEEL FINISH BABY CHANGING STATION

		<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
151	FOLDING SHOWER SEATS	<input checked="" type="checkbox"/>	BOBRICK MODEL B-5181 REVERSIBLE SOLID PHENOLIC FOLDING SHOWER SEAT, OR APPROVED EQUAL.
152	GRAB BARS	<input checked="" type="checkbox"/>	BOBRICK 1½" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE, SATIN FINISH, B-6806 SERIES, OR APPROVED EQUAL. (DO NOT USE L-SHAPED TWO-WALL GRAB BARS.)
153	HAND DRYERS	<input checked="" type="checkbox"/>	BRADLEY MODEL 2897-28 RECESSED HAND DRYER, MAXIMUM 4" PROJECTION FROM WALL, OR APPROVED EQUAL.
154	KEYING FOR TOILET ACCESSORIES	<input checked="" type="checkbox"/>	BOBRICK KEY #2055
155	LAVATORY SINK (COUNTERTOP):	<input checked="" type="checkbox"/>	AMERICAN STANDARD MODEL 0476.028 AQUALYN™ VITREOUS CHINA COUNTERTOP SINK, OR APPROVED EQUAL.
156	LAVATORY SINK (WALL-HUNG, WHERE REPLACING EXISTING WALL-HUNG LAVATORY)	<input type="checkbox"/>	4" CENTERSET WITH CONCEALED ARM CARRIERS: AMERICAN STANDARD LUCERNE MODEL 0355.012, OR KOHLER KINGSTON K- 2005-0, OR APPROVED EQUAL.
157	MIRRORS (FRAMED)	<input checked="" type="checkbox"/>	BOBRICK B-290 SERIES, 18" X 36", OR APPROVED EQUAL.
158	SHOWER CURTAIN HOOKS	<input checked="" type="checkbox"/>	BOBRICK MODEL 204-1 STAINLESS STEEL SHOWER CURTAIN HOOK,
159	SHOWER CURTAIN RODS	<input checked="" type="checkbox"/>	BOBRICK MODEL B-6107 HEAVY-DUTY SHOWER CURTAIN ROD,
160	SHOWER CURTAINS	<input checked="" type="checkbox"/>	BOBRICK MODEL 204-3 VINYL SHOWER CURTAIN,
161	SHOWER SOAP DISH	<input checked="" type="checkbox"/>	BOBRICK MODEL B-4390 RECESSED HEAVY-DUTY SOAP DISH WITH BAR, OR APPROVED EQUAL.
162	TOILET SEATS	<input type="checkbox"/>	BEMIS MODEL 1955CT, OR APPROVED EQUAL. SEATS SHALL BE HEAVY WEIGHT AND INJECTION-MOLDED OF SOLID PLASTIC. SEATS SHALL BE OPEN FRONT LESS COVER FOR ELONGATED BOWL AND FEATURE LARGE MOLDED-IN BUMPERS.
163	UNDERSINK PIPING COVERS AT ACCESSIBLE LAVATORIES AND SINKS WITH HOT WATER, ON HOT WATER SUPPLY PIPING AND DRAINS, COMPLYING WITH ADA AND CBC ACCESSIBILITY REGULATIONS.	<input type="checkbox"/>	TRUEBRO® LAV GUARD®2, OR APPROVED EQUAL.
164	UTILITY SHELF	<input checked="" type="checkbox"/>	BOBRICK MODEL B-298 STAINLESS STEEL SHELF, 24" MINIMUM LENGTH X 8" DEPTH, OR APPROVED EQUAL.
165	WALL HOOKS (AT TOILET STALLS, AND BELOW OR ADJACENT TO UTILITY SHELVES)	<input checked="" type="checkbox"/>	BOBRICK MODEL B-671 SURFACE-MOUNTED SINGLE ROBE HOOK, BRIGHT POLISHED STAINLESS STEEL, OR APPROVED EQUAL.
166	WASTE RECEPTACLES (AT STAFF/FACULTY RESTROOMS ONLY)	<input checked="" type="checkbox"/>	BOBRICK MODE B-3644 RECESSED WASTE RECEPTACLE, OR APPROVED EQUAL.
167	EMERGENCY RESPONDER LOCK BOX	<input checked="" type="checkbox"/>	KNOX BOX 3200 SERIES
168	EVACUATION CHAIR	<input checked="" type="checkbox"/>	GARAVENTA LIFT EVACU-TRAC CD7 or better
169	REMOVABLE STEEL BOLLARD	<input type="checkbox"/>	CALPIPE SECURITY BOLLARDS, RELIANCE FOUNDRY
170	FLEXIBLE BOLLARDS	<input type="checkbox"/>	RELIANCE FOUNDRY, BC CANADA
171	FIRE EXTINGUISHERS/ CABINET W/LOCKS		
172	FULL GLASS DOOR	<input checked="" type="checkbox"/>	J.L. INDUSTRIES (KEY # LL24), POTTER-ROEMER, LARSEN'S
173	DIV. 11: EQUIPMENT		
174	FOOD SERVICE EQUIPMENT	<input type="checkbox"/>	Hobart, Wolfe, Dwyer
175	KITCHEN, APPLIANCES	<input type="checkbox"/>	GE, Samsung, Whirlpool, KitchenAid
176	LOADING DOCK LEVELERS	<input type="checkbox"/>	MECHANICAL TYPE ONLY
177	PROJECTION SCREENS/DISPLAY	<input type="checkbox"/>	DA-LITE,
178	PROJECTOR MOUNTS	<input type="checkbox"/>	CHIEF MAUNUFACTURING OR EQUAL
179	LAB FUME HOOD	<input type="checkbox"/>	KEWAUNEE SCIENTIFIC, HANSON LAB FURNITURE
180	DIV. 12: FURNISHINGS		
181	WINDOW SHADES	<input type="checkbox"/>	MECHO-SHADE CORP OR EQUAL
182	METAL LAB CASEWORK	<input type="checkbox"/>	KEWAUNEE SCIENTIFIC, HANSON LAB FURNITURE, HAMILTON
183	LAMINATED CASEWORK	<input type="checkbox"/>	KEWAUNEE SCIENTIFIC, HANSON LAB FURNITURE
184	WOOD LAB CASEWORK	<input type="checkbox"/>	KEWAUNEE SCIENTIFIC, HAMILTON LAB SOLUTIONS

		<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
185	BLEACHERS		
186	INTERIOR, GYMNASIUM, TELESCOPIC, STND.	<input checked="" type="checkbox"/>	Irwin Telescopic
187	WINDOW COVERING		
188	SOLAR SHADE	<input checked="" type="checkbox"/>	Suntec
189	BLINDS - VERTICAL/ HORIZONTAL	<input type="checkbox"/>	Levolor, Hunter-Douglas
190		<input checked="" type="checkbox"/>	Rivera
191	BIKE RACK		
192	GENERAL	<input checked="" type="checkbox"/>	Match existing Bike Racks
193	DIV. 13: SPECIAL CONSTRUCTION		
194	MODULAR STRUCTURES	<input checked="" type="checkbox"/>	Aurora
195		<input type="checkbox"/>	GE, Williams Scotsman
196	DIV. 14: CONVEYING EQUIPMENT		
197	STANDARD ELEVATORS	<input type="checkbox"/>	DESIGNER TO SUBMIT FOR LAVC APPROVAL
198	CONTROLLER	<input type="checkbox"/>	MOTION CONTROLS.....CONTROLLER CANNOT BE PROPRIETARY
199	ELEVATOR DOORS Graffiti proof interior	<input type="checkbox"/>	GAL DOOR EQUIPMENT
200	ELEVATOR CAB LIGHT FIXTURE	<input type="checkbox"/>	ERIM FIXTURES
201	WHEELCHAIR LIFTS	<input type="checkbox"/>	Garventa, TL Shield
202	HYDRAULIC ELEVATORS-PASSENGER	<input type="checkbox"/>	THYSSENKRUPP, OTIS, KONE
203	HYDRAULIC ELEVATORS-FREIGHT	<input type="checkbox"/>	THYSSENKRUPP, OTIS
204	DUMBWAITER	<input type="checkbox"/>	MATOT, TL SHIELD
205	DIV. 21: FIRE SUPPRESSION		
206	HYDRANTS	<input type="checkbox"/>	James Jones, Clow Valve, Rich Valve
207	DIV. 22: PLUMBING		
208	PIPE		
209	DOMESTIC, /POTABLE	<input checked="" type="checkbox"/>	C900 Blue, Copper K, #80 PVC
210	UNDERGROUND WATER IRRIGATION PIPING	<input checked="" type="checkbox"/>	Schedule 40 and schedule 80 PVC 1/2" to 3" CVPC clorinated polyvinyl
211	UNDERGROUND SANITARY PIPING	<input checked="" type="checkbox"/>	Cast iron, SDR-35 ASTM A888, CISPI 301
212	ABOVE GROUND SANITARY PIPING	<input checked="" type="checkbox"/>	Cast Iron Tyler Pipe /DWV Copper
213	PIPE TUBING AND FITTINGS	<input type="checkbox"/>	C-900 Mega Lug FTGs Approved CI Conn Flange
214	STEEL PIPE FUEL GAS/NATURAL GAS	<input checked="" type="checkbox"/>	Black Schedule 40 indor only with similar fittings
215	STEEL PIPE WATER OR AIR	<input checked="" type="checkbox"/>	Galvanized Domestic only - No Substitute, or black schedule 40
216	BRASS PIPE	<input checked="" type="checkbox"/>	Red Brass, Schedule 40 lead free
217	COPPER TUBING	<input checked="" type="checkbox"/>	Type "K" below grade or Type "L" above grades only, No substitutes
218	BRASS SCHEDULE 40 SOLDER JOINT FTG's	<input checked="" type="checkbox"/>	Domestic
219	SCREWED FITTINGS	<input checked="" type="checkbox"/>	Domestic
220	GAS PIPING UNDERGROUND	<input checked="" type="checkbox"/>	Poly Pipe, Steel transition, yellow tracer wire, Butt fusion or socket
221	BUILDING DRAIN, WASTE & VENT	<input checked="" type="checkbox"/>	Cast iron no hub, no hub couplings, Cast Iron, Ftgs. / DWV Copper ANANCO
222		<input type="checkbox"/>	Tyler MS coupling
223	PIPE AND FITTINGS	<input checked="" type="checkbox"/>	Standard D2751-88 Cast iron, no hub pipe and fittings, waste
224	PLUMBING FIXTURES		
225	TOILET FIXTURES (Low Flow, Viterous China)	<input checked="" type="checkbox"/>	American Standard, Kohler
226	SINKS	<input checked="" type="checkbox"/>	American Standard, Kohler
227	STOP FITTING	<input checked="" type="checkbox"/>	Chicago Faucets model 1013-ABLP, Crane
228	KITCHEN SINKS	<input checked="" type="checkbox"/>	Elkay, Kohler, stainless steel

		<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
229	SERVICE SINKS	✓	American Standard, Kohler
230	URINALS (Low Flow)	✓	American Standard, Kohler
231	URINALS (Waterless)		Kohler
232	FAUCETS	✓	Chicago-automatic or manual, Kohler
233	FLUSH VALVES - TOILETS, URINALS	✓	Sloan only - manual or sensor - no zurn
234	DOMESTIC WATER HEATER	✓	A.O. Smith, American
235	CIRCULATING PUMP	✓	Bell and Gossett, Grundfos with equal times
236	PLUMBING VALVES AND ACCESSORIES		
237	GENERAL	✓	Nibco or equal domestic product only, lead free where applicable
238	EXPANSION TANKS	✓	AMTROL, Bell and Gossett, Watts
239	BACKFLOW PREVENTERS	✓	Watts, Wilkins, FEBCO
240	CLEAN OUTS	✓	J.R. Smith, Zurn, NIBCO
241	FLOOR DRAINS	✓	J.R. Smith, Zurn, MIFAB
242	TRAP PRIMERS	✓	PPP Inc
243	ROOF DRAINS	✓	J.R. Smith, Zurn, Josam
244	BALL VALVES	✓	NIBCO (Brass, Full Port), Accorn
245	GATE VALVES	✓	NIBCO (Union Bonnet, Raised Stem) Accorn
246	GLOBE VALVES	✓	NIBCO (Brass)
247	CHECK VALVES	✓	NIBCO (Brass)
248	VALVES(WATER, BELOW GROUND)	✓	Stockham (Cast Iron Flanged AWWA with operating unit) Epoxy Coated Only
249	Backwater	✓	J R Smith
250	Drain Pumps	✓	Swaby, Weil Pump, PACO, Peerless
251	Drainage	✓	Zurn, J R Smith
252	CHECK VALVES	✓	Milwaukee, Zurn, Combraco, Williams Gage
253	Drainage System	✓	Zurn, J R Smith
254	Electric Self regulating T&M Cable	✓	Raycem Corp
255	Trench Funnel Drains	✓	Stockham Valves & Fittings Co.
256	Hose Bibb Box	✓	ACORN NO. 8141/8102, ZURN 1350-5-LD
257	Piston Water Hammer	✓	MIFAB MWA Series
258	Shower heads & Faucets	✓	Symmons
259	Boiler	✓	Raypack
260	EMERGENCY EYEWASH & SHOWER		
261	EMERGENCY EYEWASH & SHOWERS	✓	Haws
262	WATER FOUNTAINS		
263	DRINKING	✓	Haws, HalsyTaylor
264	DIV. 23: HEATING, VENTILLATION & AIR CONDITIONING (HVAC)		
265	A/C UNITS, ROOF MOUNTED	✓	(gas Electrics / Heat Pumps) Carrier, York, Trane
266	A/C UNITS WALL MOUNTED	✓	Bard, Trane, Carrier
267	AIR HANDLERS – CUSTOM	✓	Temtrol, TRANE, Energy Labs
268	AIR HANDLERS	✓	Carrier, Energy Labs,TRANE, York
269	HVAC HYDRONIC CONTROL VALVE	✓	Belimo
270	HVAC HEATING & COOLING CONTROL VALVE	✓	Belimo PICCV two way with reserving switch
271	HVAC HYDRONIC PIPE FLANGE ADAPTER CONNECTIONS	✓	OMNI
272	MOTORS	✓	Baldor, GE, Dayton, Baltimore

		<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
273	PUMPS	<input checked="" type="checkbox"/>	PACO, Bell & Gossett, Armstrong, TACO
274	COOLING TOWERS	<input checked="" type="checkbox"/>	Baltimore Air Coil, Marley, Evapco (Stainless steel)
275	OTHER FILTERS	<input checked="" type="checkbox"/>	American, Fan & Triden, 3-M Florence
276	BOILER CONTROLS-HOT WATER	<input checked="" type="checkbox"/>	AERCO BENCHMARK
277	BOILER CONTROLS-STEAM	<input checked="" type="checkbox"/>	Parker
278	FAN COILS DX	<input checked="" type="checkbox"/>	Carrier,TRANE, York
279	COMPUTER ROOM AC UNITS	<input checked="" type="checkbox"/>	APC, Liebert, Data Aire
280	CHILLED WATER FAN COILS	<input checked="" type="checkbox"/>	Carrier,York, TRANE
281	AIR COOLED CHILLER	<input checked="" type="checkbox"/>	Carrier,York, Trane, McQuay
282	CENTRIFUGAL WATER-COOLED CHILLER	<input checked="" type="checkbox"/>	Carrier,York, Trane, McQuay
283	SCREW-TYPE AIR COOLED CHILLER	<input checked="" type="checkbox"/>	Carrier,York, Trane, McQuay
284	SCREW-TYPE WATER COOLED CHILLER	<input checked="" type="checkbox"/>	Carrier,York, Trane, McQuay
285	SCROLL-TYPE AIR COOLED CHILLER	<input checked="" type="checkbox"/>	Carrier,York, Trane, McQuay
286	CHILLER-GENERAL	<input checked="" type="checkbox"/>	Carrier,York, Trane, McQuay
287	ABSORBTION CHILLER	<input checked="" type="checkbox"/>	Carrier,York, Trane, McQuay
288	OTHER ABSORBTION CHILLER	<input checked="" type="checkbox"/>	Broad, Thermax
289	VENTILATORS AND EXHAUST FANS	<input checked="" type="checkbox"/>	Cook, Greenheck
290	FIRE SMOKE DAMPER	<input checked="" type="checkbox"/>	Belmo w/ end switch to communicate to EMS, Ruskin, Kruger
291	VARIABLE FREQUENCY DRIVES	<input checked="" type="checkbox"/>	ABB, Danfoss, Toshiba (with BACnet capatibility)
292	HYDRONIC PIPING	<input checked="" type="checkbox"/>	Carbon Steel, Sch 80, Insulated PVC Perma Pipe
293		<input checked="" type="checkbox"/>	Thermacor, Rovanco
294	AIR CONDIONING THERMOSTAT	<input checked="" type="checkbox"/>	HONEYWELL
295			3-heating / 2 cool/heat pump/digital 7 day programable PIN P 374-2800
296	THERMOSTAT LOCK BOX	<input checked="" type="checkbox"/>	Honeywell, Large Opaque / PINTG 512B1007
297	Motor Controls	<input checked="" type="checkbox"/>	Allen Bradley, Square D, GE
298	DIV. 25: INTEGRATED AUTOMATION		
299	ENERGY MANAGEMENT SYSTEM	<input checked="" type="checkbox"/>	ALERTON-CLIMATECH (SOLE-SOURCE)
300	DIV. 26: ELECTRICAL		
301	ELECTRICAL FIXTURES		
302	INTERIOR LIGHT FIXTURES(LED) No incandescence light fixture	<input checked="" type="checkbox"/>	PRUDENTIAL, LITHONIA, HE WILLIAMS, LIGHTOLIER
303	CONNECT WITH EMERGENCY LIGHTS	<input checked="" type="checkbox"/>	ALERTRON TO EMERGENCY GRID
304	EXIT SIGNS	<input checked="" type="checkbox"/>	LED by ACTIVE SAFETY™, SPECTRON
305	ELECTRONIC WIRELESS WALL CLOCKS	<input checked="" type="checkbox"/>	PRIMEX WIRELESS
306	INTERIOR SUSPENDED LIGHTS		DESIGNER TO SUBMIT FOR LAVC APPROVAL
307	LIGHTING/INDOOR-OUTDOOR		
308	VANDAL PROOF LIGHTING FIXTURES	<input checked="" type="checkbox"/>	LED by RUDE, STANCO, GE
309	LANDSCAPING FIXTURES		
310	EXTERIOR LIGHTS-PARKING LOT	<input checked="" type="checkbox"/>	LED
311	LIGHT SENSORS		"WATT STOPPER", LUTRON
312		<input checked="" type="checkbox"/>	LEVITON
313	PARKING LOT		PHILIPS GARDCO, GULLWING LED GL 13 & GL 18
314	ATHLETIC FIELD	<input checked="" type="checkbox"/>	MUSCO, MORRIS, LITHONIA
315	ELECTRICAL EQUIPMENT		
316	PARKING CONTROL SYSTEM	<input checked="" type="checkbox"/>	ENGINEERED PARKING SYSTEM
317	MAIN SWITCHBOARD	<input checked="" type="checkbox"/>	GE, SQUARE D, CUTLER HAMMER, MATCH EXISTING

		<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
318	MAIN DISTRIBUTION SWITCHBOARDS	✓	GE, SQUARE D, CUTLER HAMMER, MATCH EXISTING
319	DRY TYPE TRANSFORMERS	✓	WESTINGHOUSE, GE, SQUARE D, CUTLER HAMMER
320	MAGNETIC MOTOR STARTERS	✓	GE, SQUARE D, CUTLER HAMMER
321	SOFT START MOTOR STARTERS	✓	GE, SQUARE D, CUTLER HAMMER, SIEMENS
322	PANELBOARDS	✓	GE, SQUARE D, CUTLER HAMMER, SIEMENS
323	MCC (MOTOR CONTROL CENTERS)	✓	GE, SQUARE D, CUTLER HAMMER
324	DRIVES	✓	ABB, DANFOSS, TOSHIBA, SQUARE D
325	ELECTRICAL FINISH FACE PLATES	✓	STAINLESS FINISH PLATES (ENGRAVED ON THE FRONT)
ELECTRIC VEHICLES/ CHARGERS			
327	ELECTRICAL VEHICLES AND CHARGERS	✓	TAYLOR DUNN, EZ-GO CLUB CAR
328	CHARGER Mfr	✓	LESTER
EMERGENCY POWER SYSTEM-GRID MATRIX			
329			
330	CONNECT WITH SUMP PUMPS		ALERTRON TO EMERGENCY GRID
331	CONNECT WITH CO2 SENSORS		ALERTRON TO EMERGENCY GRID
332	CONNECT WITH EMS/CMMMS		ALERTRON TO EMERGENCY GRID
EMERGENCY MANAGEMENT SYSTEM			
334	EMERGENCY MANAGEMENT SYSTEM		ALERTON-CLIMATECH
335	ENERGY MANAGEMENT SYSTEM		ALERTON-CLIMATECH
FIRE PROTECTION			
337	ELECTRONICS		Simplex
LIGHTING SUPPLIES			
339	LIGHT BULBS, FLOURESCNETS T-8's		GE, SYLVANIA, PHILLIPS
340	BALLASTS		GE, SYLVANIA, PHILLIPS 4100K
341	TIMER		EZ Controls - Solid State Electronic
EMERGENCY POWER SYSTEMS			
343	GENERATORS	✓	ONAN, CATERPILLAR
344	UPS	✓	APC, EATON
345	INVERTORS	✓	MYERS POWER, LC & D, ENCLIUM
DIV. 27: COMMUNICATIONS			
347	Data Center Server Enclosures	✓	APC, NTC, EATON
348	IDF Data Enclosures	✓	APC, NTC, EATON
349	Network Cabling Systems		SIEMON 10G, COPPER TEN
350		✓	GENERAL CABLE - PANDUIT CAT 6 & CAT 6A
27 05 00 COMMON RESULTS FOR COMM			
352	Structured Cabling System Warranty	✓	MINIMUM 25 YEAR WARRANTY
27 05 26 GROUNDING & BONDING			
354	Bus Bar		LYNCOTE XIT, HARGAR
355		✓	CHATSWORTH, COPPER B LINE
27 05 28 PATHWAYS FOR COMM SYSTEMS			
357	EMT Conduits & Couplings & Connectors		APPLETON, CROUSE-HINDS
358	Conduit Supports		KINDORF, UNISTRUT, THOMAS & BETTS
359	Hangers & Cable Ties		CHATSWORTH PRODUCTS, MONO
360		✓	COOPER B-LINE, CADDY
361	Metal Outlet Boxes - Double Gang, Extra Deep		APPLETON, RACO, STEEL CITY

		<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
362	Pull Boxes and Cabinets	<input checked="" type="checkbox"/>	HOFFMAN ENCLOSURES, CHATSWORTH PRODUCTS
363			WIRE GUARD
364	Cable Tray	<input checked="" type="checkbox"/>	COOPER B-LINE, CHATSWORTH PRODUCTS, PANDUIT
365			LEVITON
366	Air Blown Fiber System (ABF)	<input checked="" type="checkbox"/>	Sumitomo Electric FutureFLEX
367	IDF Data Enclosures		SIEMON, APC
368		<input checked="" type="checkbox"/>	MIDDLE ATLANTIC CHATSWORTH PRODUCTS
369	27 05 43 UG DUCTS & RACEWAY FOR COMMUNICATION		
370	Manholes		UTILITY VAULT (OLDCASTLE), JENSEN, BROOKS
371	Pull boxes		UTILITY VAULT (OLDCASTLE), JENSEN, BROOKS W/ SPRING LOADED LID
372	MH/PB Hardware		INWESCO PRODUCTS
373	Conduits (Schedule 40 or Type C)	<input checked="" type="checkbox"/>	PANDUIT
374	Detectable Warning Tape		CARLON
375	Pull, Rope 1700 lb tensile strength		CARLON
376	Bonding ribbon (In vaults)		INWESCO CAT 12A55
377	Bonding ribbon clamps (In vaults)		INWESCO CAT 12A56
378	Fargo Clamp		INWESCO CAT 12A57
379	Ground Rod		INWESCO CAT 12A60
380	Ground Inserts (Cast Bronze)		INWESCO CAT 12H69
381	Manhole Lids		ALHAMBRA FOUNDRY, OPW MANHOLE PREFERRED ROUND COVERS
382	Manhole Ladders		ALHAMBRA FOUNDRY - MODEL A-3382 W/ A3383 SUPPORT BAR
383	27 11 00 COMM EQUIP. ROOM FITTINGS		
384	Ladder Racks	<input checked="" type="checkbox"/>	CHATSWORTH PRODUCTS, COPPER B LINE
385	Equipment Racks		APC NETSHELTE, ORTRONICS, PANDUIT
386	Wall-Mounted Cabinets		COOPER B-LINE DAMAC
387		<input checked="" type="checkbox"/>	MIDDLE ATLANTIC, CHATSWORTH PRODUCTS
388	Horizontal Managers		SIEMON WM - 145-5
389		<input checked="" type="checkbox"/>	CHATSWORTH, ORTRONICS AND APC
390	Fiber Optic Terminals (FOT's)-Housing	<input checked="" type="checkbox"/>	PANDUIT, SYSTIMAX
391	Fiber Terminal Adapters and Connectors		SIEMON RIC-FLC6-01
392		<input checked="" type="checkbox"/>	LIGHTSTACK LS-12-LC-5V-01, LIGHTSTACK LS-12-LC-SM-01
393	Plywood	<input checked="" type="checkbox"/>	ARCH. WOOD PROTECTION
394	Fire Retardant Paint		FLAMORT CO., INC.
395		<input checked="" type="checkbox"/>	FIRENOMORE INTERNATIONAL, INTERNATIONAL FIRE RETARDANTS
396	Patch panels		SIEMON, TERA, ZMAX
397		<input checked="" type="checkbox"/>	PANDUIT, SYSTIMAX
398	Cable Tags & Splice Labels		3M
399		<input checked="" type="checkbox"/>	PANDUIT
400	Protector Panels	<input checked="" type="checkbox"/>	EMERSON , CIRCA
401			COMMSCOPE , COOK
402	IP Paging		Singlewire Informacast
403	27 13 00 COMM BACKBONE CABLING		
404	Fiber Tube Cable (OSP and Riser)	<input checked="" type="checkbox"/>	SUMITOMO ELECTRIC FUTUREFLEX, Corning, Panduit
405	Fiber Cable - OSP and Riser	<input checked="" type="checkbox"/>	SUMITOMO ELECTRIC FUTUREFLEX ABF-50U OM4, Corning, Panduit

		<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
406	Copper OSP Cable	<input checked="" type="checkbox"/>	SUPERIOR ESSEX, Corning, Panduit
407			COMMSCOPE, GENERAL CABLE
408	Splice Cases - Outside		PREFORMED, PSI
409		<input checked="" type="checkbox"/>	3M, Corning, Panduit
410	Splice Cases - Inside		RELIABLE
411		<input checked="" type="checkbox"/>	3M, Corning, Panduit
412	Splice Bay & Relay Labels	<input checked="" type="checkbox"/>	3M
413			5000 SCOTCHLITE DECAL SYSTEM
414	ABF Tube Clips		SUMITOMO ELECTRIC FUTUREFLEX
27 15 00 COMM HORIZONTAL CABLING			
416	Station Cabling	<input checked="" type="checkbox"/>	PANDUIT AND SYSTIMAX
417	Jacks	<input checked="" type="checkbox"/>	PANDUIT AND SYSTIMAX
418	Faceplates	<input checked="" type="checkbox"/>	PANDUIT AND SYSTIMAX
419	Emergency Phone	<input checked="" type="checkbox"/>	CALL 24
420	Elevator Phone	<input checked="" type="checkbox"/>	TALK-A-PHONE ANALOG, CALL-24
27 40 00 AUDIO VISUAL			
422	CONTROL SYSTEM	<input checked="" type="checkbox"/>	CRESTRON DIGITAL MEDIA, EXTRON
423	PROJECTOR	<input checked="" type="checkbox"/>	PANASONIC, EPSON
424	PROJECT SCREEN	<input checked="" type="checkbox"/>	DA-LITE, DRAPER, EPSON
425	LECTERN		SPECTRUM FREEDOM XRS, FORBES-AV,VREM AV
426		<input checked="" type="checkbox"/>	LISTEN TECHNOLOGIES (ASSISTIVE LISTENING DEVICES)
427	DOCUMENT CAMERA	<input checked="" type="checkbox"/>	SAMSUNG, ALMO
428	MICROPHONE	<input checked="" type="checkbox"/>	SHURE
429	NETWORK SWITCH		CISCO CATALYST 3850 IP BASED-POE+
430		<input checked="" type="checkbox"/>	HP SWITCH WITH POE +
431	ANNOTATION DEVICE		SMART TECHNOLOGIES, POLYVISION, STEELCASE
432	INTERACTIVE DISPLAY		SMART TECHNOLOGIES, POLYVISION, STEELCASE, PANASONIC
433		<input checked="" type="checkbox"/>	EPSON
434	CLASSROOM LIGHTING CONTROL	<input checked="" type="checkbox"/>	CLIMATEC, CRESTON
435	SPEAKERS	<input checked="" type="checkbox"/>	JBL, EXTRON, CRESTON ,QSC
436	PC COMPUTERS	<input checked="" type="checkbox"/>	HP ELITE SERIES
437	LECTURE CAPTURE		ENSEMBLE
438	NETWORK DATA SWITCHES		CISCO (W/POE)
439		<input checked="" type="checkbox"/>	HP SWITCH WITH POE +
440	UPS	<input checked="" type="checkbox"/>	APC , EATON
DIV. 28: ELECTRONIC SAFETY & SECURITY			
28 10 00 ELECTRONIC ACCESS CONTROL			
443	Card Readers	<input checked="" type="checkbox"/>	HID ICLASS SE contactless smart card (R40 type) - no sub. Requires ICLASS Standard Compatibility, 920NTNTEK00000 (Typical model)
444	Software	<input checked="" type="checkbox"/>	Lenel OnGuard
445	Controllers	<input checked="" type="checkbox"/>	Lenel OnGuard. LNL 3300
446	Data Center Air Conditioning		DATA AIRE, APC
447	Classroom AV	<input checked="" type="checkbox"/>	EXTRON
448	Data Center Power Protection		LIEBERT
449	Alarm Initiating Devices		GE/SENTROL
450	Video Management Software	<input checked="" type="checkbox"/>	EXACQ VISION

<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT <input type="checkbox"/> POSSIBLE OPTION	
451	28 20 00 ELECTRONIC SURVEILLANCE
452	CCTV Cameras
	Review this section to District Standards
453	High Definition / MEGA Pixel
	ARECONT VISION MEGAVIDEO SERIES
454	Digital VIDEO to IP ENCODER
	AXIS: Q741
455	System Server
	<input checked="" type="checkbox"/> Lenel Enterprise NVR
456	Recording System
	NETAPP FAS2240 or newer
457	TV Panels
	<input checked="" type="checkbox"/> Samsung
458	CCTV
	PANASONIC- DIGITAL IP
459	Access System
	<input checked="" type="checkbox"/> LENEL ENTERPRISE
460	Motion Detector
	<input checked="" type="checkbox"/> OPTEX
461	SIS Head-End
	ZENITEL/STENTONFON
462	Interior Building Signs
463	Exterior and Architectural Signs
464	Pedestrian and MapSigns/Display
465	Roadway, Vehicular and Parking Signage
466	Room Signs
467	WIRELESS ACCESS POINTS
468	Indoor Access Points
	<input checked="" type="checkbox"/> HP, Aruba
469	Outdoor Access Points
	<input checked="" type="checkbox"/> HP, Aruba
470	NETWORK SWITCHES
471	Data Switches
	Cisco Catalyst IP Based-POE+
472	
	<input checked="" type="checkbox"/> HP
473	FIRE ALARM SYSTEM
474	GENERAL
	<input checked="" type="checkbox"/> SimplexGrinnell Tyco with Mass Notification
475	FIRE ALARM PULL STATION
	SimplexGrinnell Tyco 'B' KEY
476	SPEAKER/STROLL AMBER ALERT
	<input checked="" type="checkbox"/> SimplexGrinnell Tyco W/ MASS NOTIFICATION
477	DIV. 32: EXTERIOR IMPROVEMENTS
478	IRRIGATION SYSTEMS
479	IRRIGATION CONTROLLER
	<input checked="" type="checkbox"/> Toro TMC-424E Series
480	IRRIGATION - Sprinkler Heads
	<input checked="" type="checkbox"/> HUNTER 540-4" POP-UP SPRINKLER HEADS, RAINBIRD 1800
481	IRRIGATION - Heads
	<input checked="" type="checkbox"/> RAIN BIRD FALCON, RAINBIRD 5000
482	IRRIGATION - Control Valves
	RAINBIRD ELECTRIC REMOTE CONTROL VALVES
483	
	<input checked="" type="checkbox"/> SUPERIOR 950
484	IRRIGATION - Pipes
	<input checked="" type="checkbox"/> SCHEDULE 80 PVC PIPE OR SCHEDULE 40 PVC
485	IRRIGATION - Fittings
	<input checked="" type="checkbox"/> SCHEDULE 80 SOCKED WELD FITTINGS OR SCHEDULE 40 PVC
486	IRRIGATION SYSTEMS
	<input checked="" type="checkbox"/> RAINBIRD
487	ANTI GRAFFITI FILMS
	3M
488	PAVEMENT MARKINGS
	DUNN-EDWARDS
489	CONTROLLER REMOTE SITE MANAGEMENT
	Toro TriComm Site Management
490	CONTROLLER HAND-HELD REMOTE CONTROL
	Toro TMR-1
491	CONTROLLER ENCLOSURE
	<input checked="" type="checkbox"/> TORO SENTINEL ENCLOSURE
492	RAIN SENSOR
	<input checked="" type="checkbox"/> Toro TRS
493	CONTROL WIRE - COMMON
	<input checked="" type="checkbox"/> Paige P7001D 12 AWG White
494	CONTROL WIRE - HOT
	<input checked="" type="checkbox"/> Paige P7001D 14 AWG Colored
495	WATERPROOF WIRE CONNECTOR
	<input checked="" type="checkbox"/> Spears DS-500 Dri-Splice
496	GROUNDING ROD
	Paige 182007 with Paige 1820037P Connection

<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT		<input type="checkbox"/> POSSIBLE OPTION	
497	DIELECTRIC CONNECTION		Approved by Electrical Engineer
498	BOOSTER PUMP		Barrett Irriboost with Variable Speed Drive and SS Enclosure
499	BASKET STRAINER		Yardney SBx-T Series
500	BASKET STRAINER ENCLOSURE		V.I.T. Strong Box SBBC-xxSS with QP Option
501	PRESSURE REGULATOR	<input checked="" type="checkbox"/>	Wilkins 500 Series
502	MASTER VALVE	<input checked="" type="checkbox"/>	Toro 220 Brass or Toro P-220S Platic
503	FLOW SENSOR	<input checked="" type="checkbox"/>	Toro TFS Series
504		<input checked="" type="checkbox"/>	RAINBIRD
505	FERTILIZER INJECTOR	<input checked="" type="checkbox"/>	EZ-FLO EZ Series
506	GATE VALVE (2" and SMALLER)	<input checked="" type="checkbox"/>	Nibco T-113 Series
507	GATE VALVE (2 1/2" and LARGER)	<input checked="" type="checkbox"/>	Nibco F-619-SON Series
508	BALL VALVE (2" and SMALLER)	<input checked="" type="checkbox"/>	Nibco T-585-70 Series
509	AIR RELEASE VALVE		Cla-Val #33-A Series
510	QUICK COUPLING VALVE	<input checked="" type="checkbox"/>	Rain Bird #44-NP or TORO #44 NP Series
511	ELECTRIC CONTROL VALVE	<input checked="" type="checkbox"/>	SUPERIOR 950 SERIES
512	DRIP ZONE VALVE KIT		Toro TPV Series
513	VALVE BOX	<input checked="" type="checkbox"/>	NDS Pro Plus Series (green plastic with purple bolt-down cover)
514	MAINLINE PIPING (6" and LARGER)	<input checked="" type="checkbox"/>	Pacific Plastics or equal CL200 PVC Gasketed - Purple
515	MAINLINE PIPING (2" - 4")	<input checked="" type="checkbox"/>	Pacific Plastics or equal CL315 Solvent-Weld PVC - Purple
516	MAINLINE PIPING (1 1/2" and SMALLER)	<input checked="" type="checkbox"/>	Pacific Plastics or equal SCH 40 Solvent-Weld PVC – Purple or Sch 80 PVC
517	LATERL LINE PIPING	<input checked="" type="checkbox"/>	Pacific Plastics or equal SCH 40 Solvent-Weld PVC – Purple, or SCH 80 PVC
518	PIPE / WIRE SLEEVING	<input checked="" type="checkbox"/>	Pacific Plastics or equal SCH 40 Solvent-Weld PVC
519	PIPE FITTINGS (MAINLINE)	<input checked="" type="checkbox"/>	Spears or equal SCH 80 PVC
520	PIPE FITTINGS (LATERAL LINES)	<input checked="" type="checkbox"/>	Spears or equal SCH 40 PVC
521		<input checked="" type="checkbox"/>	RAINBIRD FALCON
522	MEDIUM ROTOR HEADS		Toro T5 Series
523		<input checked="" type="checkbox"/>	RAINBIRD 5000 SERIES
524	SMALL ROTOR HEADS		Toro 570Z-PRX-COM-E with Tor Precision Rotating Nozzle
525		<input checked="" type="checkbox"/>	RAINBIRD
526	FIXED SPRAY HEADS		Toro 570Z-PRX-COM-E with Toro Precision Spray Nozzle
527		<input checked="" type="checkbox"/>	RAINBIRD
528	FLOOD BUBBLER		Toro 570Z-PRX-COM-E with Toro FB-PC Nozzle
529		<input checked="" type="checkbox"/>	RAINBIRD
530	TREE ROOT WATERING SYSTEM	<input checked="" type="checkbox"/>	Rain Bird RWS Series
531	DRIP LINE SYSTEMS		Toro DL2000 RGP-xxx-xx-E Series
532		<input checked="" type="checkbox"/>	RAINBIRD
533	DRIP SYSTEM FITTINGS / ACCESSORIES		Toro - Miscellaneous
534		<input checked="" type="checkbox"/>	RAINBIRD
535	BIRD DETERRANTS	<input checked="" type="checkbox"/>	EAGLE EYE BIRD CONTROL OR EQUAL
536	GROUND PREPARATION FOR LANDSCAPING		NO CONCRETE OR ASPHALT, NO AGGREGATE OVER ¼", NEW TOP SOIL REQUIRED TOP 6"
537	LANDSCAPE DESIGN		
538	LARGE TREES	<input checked="" type="checkbox"/>	Ceadrus deodora [Deodar cedar]
539		<input checked="" type="checkbox"/>	Quercus agrifolia [Coast live oak]
540	MEDIUM TREES PRIMARILY FOR SHADE	<input checked="" type="checkbox"/>	Cinnamonium camphora [Camphor tree]

		<input checked="" type="checkbox"/> COLLEGE PREFERRED PRODUCT	<input type="checkbox"/> POSSIBLE OPTION
541		<input checked="" type="checkbox"/>	Jacaranda mimosifolia [Jacaranda]
542		<input checked="" type="checkbox"/>	Liriodendron arnoldii [Tulip tree]
543		<input checked="" type="checkbox"/>	Podocarpus gracilior [Fern pine]
544		<input checked="" type="checkbox"/>	Quercus ilex [Holly oak]
545		<input checked="" type="checkbox"/>	Ulmus parvifolia 'Drake' [Drake Chinese Elm]
546	SMALL TREES FOR FLOWERS & FRAGRANCE	<input checked="" type="checkbox"/>	Agonis flexusa [Peppermint tree]
547		<input checked="" type="checkbox"/>	Arbutus 'Marina' [Marina Strawberry tree]
548		<input checked="" type="checkbox"/>	Bauhinia 'Blakeana' [Hong Kong orchid tree]
549		<input checked="" type="checkbox"/>	Callistemon viminalis [Weeping bottle brush]
550		<input checked="" type="checkbox"/>	Cassia leptophylla [Gold medallion tree]
551		<input checked="" type="checkbox"/>	Eucalyptus erythricorys [Red cap gum]
552		<input checked="" type="checkbox"/>	Eucalyptus torquata [Coral gum]
553		<input checked="" type="checkbox"/>	Lagerstromia indica [Crape Myrtle]
554		<input checked="" type="checkbox"/>	Laurus nobolis [Sweet bay]
555		<input checked="" type="checkbox"/>	Lyonothamus asplenifolius [Catalina ironwood]
556		<input checked="" type="checkbox"/>	Magnolia "Little gem" [Little gem magnolia]
557		<input checked="" type="checkbox"/>	Pistacia chinensis [Chinese pistace]
558		<input checked="" type="checkbox"/>	Tabebuia lpe [Pink trumpet tree]
559	PALMS	<input checked="" type="checkbox"/>	Brahea armata [Mexican blue palm]
560		<input checked="" type="checkbox"/>	Chamaerops humilis [Mediterranean fan palm]
561		<input checked="" type="checkbox"/>	Cycas revoluta [Sago palm]
562		<input checked="" type="checkbox"/>	Trachycarpus fortunei [Winmill palm]
563	SHRUBS INACTIVE AREAS	<input checked="" type="checkbox"/>	Achillea spp. [Yarrow]
564		<input checked="" type="checkbox"/>	Arctostaphylos 'Sunset' [Sunset manzanita]
565		<input checked="" type="checkbox"/>	Berberis 'Golden abundance' Oregon grape
566		<input checked="" type="checkbox"/>	Carpenteria Calif. [Bush anemone]
567		<input checked="" type="checkbox"/>	Fremontedendron 'California gold' [California fremontia]
568		<input checked="" type="checkbox"/>	Garrya eliptica [Coast silk tassle]
569		<input checked="" type="checkbox"/>	Heteromeles arbutifolia [Toyon]
570		<input checked="" type="checkbox"/>	Heuchera sp. [Alum root]
571		<input checked="" type="checkbox"/>	Penstemon 'Margarita BOP'
572		<input checked="" type="checkbox"/>	Rhamnus calif. 'San Bruno's mound' [Coffeeberry]
573		<input checked="" type="checkbox"/>	Rhus integrifolia, [Lemonade berry]
574		<input checked="" type="checkbox"/>	Ribes sanguineum [Pink flowering currant]
575		<input checked="" type="checkbox"/>	Ribes viburnifolium, [Catalina evergreen currant]
576		<input checked="" type="checkbox"/>	Romneya coulteri [Matilija poppy]
577	SHRUBS IN IRRIGATED AREAS	<input checked="" type="checkbox"/>	Agave attenuatta, [Fox tail agave]
578		<input checked="" type="checkbox"/>	Anigozanthus sp., [Kangaroo paw]
579		<input checked="" type="checkbox"/>	Baccharis pilularis 'Pigeon point' [Coyote bush]
580		<input checked="" type="checkbox"/>	Callistemon 'Little John' Little John bottlebrush
581		<input checked="" type="checkbox"/>	Cistus sp. [Rockrose]
582		<input checked="" type="checkbox"/>	Coelonema pulchrum, [Pink breath of heaven]
583		<input checked="" type="checkbox"/>	Cotoneaster sp. [Cotoneaster]
584		<input checked="" type="checkbox"/>	Elaeagnus pungens [Silverberry]
585		<input checked="" type="checkbox"/>	Hemerocallis sp. [Daylily]
586		<input checked="" type="checkbox"/>	Juniperus sp. [Juniper]

	<input checked="" type="checkbox"/>	COLLEGE PREFERRED PRODUCT	<input type="checkbox"/>	POSSIBLE OPTION
587	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Lantana sp., [Lantana]
588	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Leptospermum sp. [Australian tea tree]
589	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Ligustrum texanum [Texas privet]
590	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Myrtus communis [Myrtle]
591	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Osmanthus fragrans [Sweet olive]
592	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Phormium tenax [Flax] - NO DWARF
593	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Pittosporum tobira sp. [Tobira]
594	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Raphiolepis indica sp. [Indian hawthorne]
595	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Rosmarinus officinalis [Rosemary]
596	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Viburnum tinus sp. [Laurustinus]
597	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Westringia fruticosa [Coast rosemary]