

## UFGS CHANGE LIST

SEQ	Prep Act	MF 2004 UFGS Section Number	Section Title	MF 95 UFGS Section Number	OLD Section Title	Changed (with CHG tags)	Revised (w/o CHG tags)	Added (New)	Deleted	Old Date	Nature of Change
1	N	00 01 15	LIST OF DRAWINGS	00102		Jan-07				Apr-06	
2	N	00 22 13	SUPPLEMENTARY INSTRUCTIONS TO BIDDERS	00120		Jan-07				Apr-06	
3	N	00 41 00	BID SCHEDULES	00101		Jan-07				Apr-06	
4	A	01 32 01.00 10	PROJECT SCHEDULE	01320A			Jan-07			Oct-06	Added Design-Build tailoring option
5	N	01 32 17.00 20	NETWORK ANALYSIS SCHEDULE	01321N	[DESIGN-BUILD ]NETWORK ANALYSIS SCHEDULE	Jan-07				Apr-06	Deleted Design-Build from the title and Design-Build requirements from the section.
6	N	01 45 00.00 20	CONSTRUCTION QUALITY CONTROL	01450			Jan-07			Jul-06	Removed reference to UFGS 01 99 00 in paragraph 1.4.1
7	N	01 58 00	PROJECT IDENTIFICATION	01580		Jan-07				Apr-06	Revised link to NAVFAC logo
8	A	01 74 19	CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT	01572			Jan-07			Oct-06	Add sustainable design language
9	S	02 41 00.00 40	DEMOLITION	02220S					Jan-07	Jun-06	Superseding 02 41 00
10	S	03 30 00.00 40	CAST-IN-PLACE CONCRETE	03300S		Jan-07				Oct-06	Replaced SRF Number
11	S	03 41 33.00 40	PRECAST STRUCTURAL PRETENSIONED CONCRETE	03413S		Jan-07				Oct-06	Replaced SRF Number
12	S	03 47 00.00 40	SITE-CAST CONCRETE	03470S		Jan-07				Oct-06	Replaced SRF Number
13	S	05 21 00.00 40	STEEL JOIST FRAMING	05210S					Jan-07	Oct-06	Re-occurs in: 05 21 00.00 20 Re-occurs in: 05 21 02.00 10
14	S	05 50 00.00 40	METAL FABRICATIONS	05500S					Jan-07	Oct-06	Re-occurs in: 05 50 00 Re-occurs in: 05 50 03.00 10 Re-occurs in: 05 50 04.00 10
15	S	05 51 00.00 40	METAL STAIRS	05510S		Jan-07				Jun-06	Replaced SRF Number
16	N	07 16 19	METALLIC OXIDE WATERPROOFING	07161			Jan-07			Apr-06	
17	N	07 22 00	ROOF AND DECK INSULATION	07220			Jan-07			Apr-06	Incorporated NASA requirements
18	S	07 22 00.00 40	ROOF AND DECK INSULATION	07220S		Jan-07				Oct-06	Replaced SRF Number
19	N	07 51 13	BUILT-UP ASPHALT ROOFING	07511	ASPHALT BUILT-UP ROOFING		Jan-07			Apr-06	Incorporated NASA requirements; Superseding 07 51 13.13 40
20	S	07 51 13.13 40	COLD APPLIED BUILT-UP ASPHALT ROOFING	07511S					Jan-07	Oct-06	Superseded by 07 51 13
21	N	07 52 00	MODIFIED BITUMINOUS MEMBRANE ROOFING	07550			Jan-07			Apr-06	Incorporated NASA requirements.
22	S	07 52 00.00 40	MODIFIED BITUMINOUS MEMBRANE PROTECTION	07550S					Jan-07	Oct-06	Superseded by 07 52 00
23	S	07 53 00.00 40	ELASTOMERIC MEMBRANE ROOFING	07530S					Jan-07	Oct-06	Superseded by 07 53 23
24	N	07 53 23	ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING	07530				Jan-07			Incorporated NASA requirements
25	N	07 55 23	ETHYLENE PROPYLENE DIENE MONOMER (EPDM) ROOF MEMBRANE	07511					Jan-07	Jul-06	Superseded by UFGS-07 53 23
26	N	07 60 00	FLASHING AND SHEET METAL	07600			Jan-07			Apr-06	Incorporated NASA Requirements
27	S	07 60 00.00 40	FLASHING AND SHEET METAL	07600S					Jan-07	Oct-06	Superseded by UFGS-07 60 00
28	N	07 92 00	JOINT SEALANTS	07920			Jan-07			Jul-06	Incorporated NASA requirements
29	N	08 11 73	SLIDING FIRE DOORS	08162			Jan-07			Apr-06	
30	S	08 13 73.00 40	SLIDING METAL DOORS	08160S		Jan-07				Jun-06	Replaced SRF Number / Title

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31	S	08 44 00.00 40	CURTAIN WALL AND GLAZED ASSEMBLIES	08900S		Jan-07				Oct-06	Replaced SRF Number
32	A	09 30 00	CERAMIC TILE, QUARRY TILE AND PAVER TILE	09310		Jan-07				Jul-06	Add sustainable design language
33	A	09 65 00	RESILIENT FLOORING	09650		Jan-07				Jul-06	Add sustainable design language
34	A	09 68 00	CARPET	09680		Jan-07				Jul-06	Add sustainable design language
35	N	09 97 13.15	EPOXY/FLUOROPOLYURETHANE INTERIOR COATING OF WELDED STEEL PETROLEUM FUEL TANKS	09970	INTERIOR COATING OF WELDED STEEL PETROLEUM FUEL TANKS		Jan-07			Jul-06	Extensive rewrite.
36	N	09 97 13.16	INTERIOR COATING OF WELDED STEEL WATER TANKS	09972			Jan-07			Jul-06	Extensive rewrite.
37	N	09 97 13.17	THREE COAT EPOXY INTERIOR COATING OF WELDED STEEL PETROLEUM FUEL TANKS	09973	INTERIOR COATING OF WELDED STEEL PETROLEUM FUEL TANKS		Jan-07			Jul-06	Extensive rewrite.
38	N	09 97 13.27	EXTERIOR COATING OF STEEL STRUCTURES	09971			Jan-07			Jul-06	Extensive rewrite.
39	A	10 21 13	TOILET COMPARTMENTS	10153		Jan-07				Jul-06	Added sustainable design language
40	S	10 22 00.00 40	PARTITIONS	10600S					Jan-07	Jun-06	Re-occurs in: 10 22 13 Re-occurs in: 10 22 19 Re-occurs in: 10 22 26 Re-occurs in: 10 22 26.13
41	S	10 22 13.00 40	WIRE MESH PARTITIONS	10605S					Jan-07	Apr-06	Re-occurs in: 10 22 13
42	S	10 22 19.53 40	DEMOUNTABLE GYPSUM PARTITIONS	10620S					Jan-07	Jun-06	Re-occurs in: 10 22 19
43	S	10 22 26.13 40	ACCORDION-FOLDING PARTITIONS	10655S					Jan-07	Oct-06	Re-occurs in: 10 22 26.13 Re-occurs in: 10 22 26.00 10
44	S	11 13 19.13 40	LOADING DOCK LEVELERS	11161S 11165S					Jan-07	Jun-06	Superseded by 11 13 10
45	A	12 50 00	FURNITURE SYSTEMS	12705		Jan-07				Apr-06	Added sustainable design language
46	S	13 50 00.00 40	SPECIAL INSTRUMENTATION	13412S		Jan-07				Jun-06	Replaced SRF Number / Title
47	S	14 21 00.00 40	ELECTRIC TRACTION ELEVATORS	15102S					Jan-07	Oct-06	Re-occurs in: 14 20 00 Re-occurs in: 14 21 00.00 20
48	A	21 30 00	FIRE PUMPS	13920		Feb-07				Apr-06	Corrected metric conversion
49	N	22 00 00	PLUMBING, GENERAL PURPOSE	15400		Jan-07				Oct-06	Revised non-water use urinals
50	S	22 00 00.00 40	PLUMBING	15102S					Jan-07	Jun-06	Superseded by 22 00 00
51	A	22 04 00.00 10	PLUMBING, HOSPITAL	15405		Jan-07				Oct-06	Added non-water using urinal
52	S	22 41 00.00 40	RESIDENTIAL PLUMBING FIXTURES	15410S					Jan-07	Oct-06	Renamed to 22 42 00.00 40
53	S	22 42 00.00 40	COMMERCIAL PLUMBING FIXTURES					Jan-07			Superseding 22 41 00.00 40
54	S	23 00 00.00 40	HEATING, VENTILATING, AND AIR CONDITIONING	15003S		Oct-06				Jun-06	Replace SRF number
55	N	23 03 00.00 20	BASIC MECHANICAL MATERIALS AND METHODS	15050N		Jan-07				Apr-06	
56	A	23 07 00	THERMAL INSULATION FOR MECHANICAL SYSTEMS	15080		Jan-07				Jul-06	Added jacketing system
57	A	23 07 00	THERMAL INSULATION FOR MECHANICAL SYSTEMS	15080		Feb-07				Jan-07	Corrected permeability
58	N	23 09 23.13 20	BACNET DIRECT DIGITAL CONTROL SYSTEMS FOR HVAC					Jan-07			Superseding UFGS-23 09 54.00 20
59	N	23 09 54.00 20	DIRECT DIGITAL CONTROL SYSTEMS	15910N					Jan-07	Apr-06	Superseded by UFGS-23 09 23.13 20
60	S	23 55 13.00 40	FUEL-FIRED DUCT HEATERS	15768S		Jan-07				Jun-06	Replaced SRF Number / Title

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61	S	23 61 00.00 40	REFRIGERANT COMPRESSORS	15610S					Jan-07	Jun-06	Re-occurs in: 23 63 00.00 10 Re-occurs in: 23 66 00.00 20 Re-occurs in: 23 69 00.00 20 Re-occurs in: 23 82 02.00 10
62	N	23 64 26	CHILLED, CHILLED-HOT, AND CONDENSER WATER PIPING SYSTEM	15181		Jan-07				Jul-06	Added note to para. 2.3 and 2.4 - not for use in Navy projects.
63	S	23 73 00.00 40	INDOOR CENTRAL-STATION AIR-HANDLING UNITS	15725S					Jan-07	Jun-06	Re-occurs in: 23 34 16.00 20
64	S	23 73 33.00 40	INDOOR INDIRECT FUEL-FIRED HEATING AND VENTILATING UNITS	15700S					Jan-07	Jun-06	Re-occurs in: 23 82 01.00 10
65	S	23 81 23.00 40	COMPUTER-ROOM AIR-CONDITIONERS	15736S					Jan-07	Jun-06	Re-occurs in: 23 81 23.00 20
66	N	23 81 46.00 20	WATER SOURCE HEAT PUMP SYSTEMS	15741N					Jan-07	Jul-06	Superseded by UFGS-23 81 47
67	N	23 81 47	WATER-LOOP AND GROUND-LOOP HEAT PUMP SYSTEMS	15741	VERTICAL GROUND-COUPLED HEAT EXCHANGE SYSTEMS		Jan-07			Apr-06	Superseding UFGS-23 81 46.00 20 (requirements incorporated)
68	S	26 00 00.00 40	ELECTRICAL	16003S					Jan-07	Oct-06	Re-occurs in: 26 05 00.00 40 Re-occurs in: 26 00 00.00 20
69	S	26 05 00.00 40	COMMON WORK RESULTS FOR ELECTRICAL	16050S		Oct-06				Jun-06	Replace SRF number
70	S	26 05 13.00 40	MEDIUM-VOLTAGE CABLES	16124S		Jan-07				Jun-06	Replaced SRF Number / Title
71	N	26 05 33	DOCKSIDE POWER CONNECTION STATIONS	16145	480 V PIER POWER OUTLET ASSEMBLIES		Jan-07			Apr-06	
71	S	26 05 73.00 40	OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY	16286S		Jan-07				Oct-06	Replaced SRF Number / Title
72	S	26 09 23.00 40	LIGHTING CONTROL DEVICES	16529S		Jan-07				Jun-06	Replaced SRF Number / Title
73	S	26 11 13.00 40	PRIMARY UNIT SUBSTATIONS	16365S					Jan-07	Jun-06	Re-occurs in: 26 11 16.00 20
74	S	26 11 16.00 40	SECONDARY UNIT SUBSTATIONS	16366S					Jan-07	Jun-06	Re-occurs in: 26 11 13
75	S	26 12 00.00 40	MEDIUM-VOLTAGE TRANSFORMERS	16275S		Jan-07				Jun-06	Replaced SRF Number / Title
76	S	26 18 23.00 40	MEDIUM-VOLTAGE SURGE ARRESTERS	16288S		Jan-07				Jun-06	Replaced SRF Number / Title
77	S	26 18 39.00 40	MEDIUM-VOLTAGE MOTOR CONTROLLERS	16225S		Jan-07				Oct-06	Replaced SRF Number / Title
78	S	26 24 16.00 40	PANELBOARDS	16446S		Jan-07				Jun-06	Replaced SRF Number / Title
79	S	26 24 19.00 40	MOTOR-CONTROL CENTERS	16345S		Jan-07				Jun-06	Replaced SRF Number / Title
80	S	26 26 00.00 40	POWER DISTRIBUTION UNITS	16315S		Jan-07				Jun-06	Replaced SRF Number / Title
81	S	26 27 26.00 40	WIRING DEVICES	16145S		Jan-07				Oct-06	Replaced SRF Number / Title
82	S	26 28 16.00 40	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	16435S		Jan-07				Jun-06	Replaced SRF Number / Title
83	S	26 35 33.00 40	POWER FACTOR CORRECTION EQUIPMENT	16285S		Jan-07				Oct-06	Replaced SRF Number / Title
84	S	26 41 00.00 40	FACILITY LIGHTNING PROTECTION	13100S		Jan-07				Jun-06	Replaced SRF Number / Title
85	S	26 42 00.00 40	CATHODIC PROTECTION	13110S					Jan-07	Jun-06	Re-occurs in: 26 42 24.00 10
86	S	26 42 19.00 40	CATHODIC PROTECTION, IMPRESSED CURRENT	13112S					Jan-07	Jun-06	Re-occurs in: 26 42 19.00 20
87	S	26 51 13.08 40	INCANDESCENT LIGHTING	16515S		Jan-07				Jun-06	Replaced SRF Number / Title
88	S	26 51 13.09 40	FLUORESCENT LUMINAIRES	16511S		Jan-07				Jun-06	Replaced SRF Number / Title
89	S	26 52 00.00 40	EMERGENCY LIGHTING	16535S		Jan-07				Jun-06	Replaced SRF Number / Title
90	S	26 53 00.00 40	EXIT SIGNS	16536S		Jan-07				Jun-06	Replaced SRF Number / Title
91	S	26 54 00.00 40	CLASSIFIED, SPECIAL PURPOSE, EXTERIOR LIGHTING	16512S		Jan-07				Jun-06	Replaced SRF Number / Title
92	S	26 56 19.00 40	ROADWAY LIGHTING	16524S		Jan-07				Jun-06	Replaced SRF Number / Title
93	S	26 56 36.00 40	FLOOD LIGHTING	16522S		Jan-07				Jun-06	Replaced SRF Number / Title

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94	S	27 05 28.36 40	CABLE TRAYS FOR COMMUNICATIONS SYSTEMS	16135S		Jan-07				Jun-06	Replaced SRF Number / Title
95	S	28 05 26.00 40	GROUNDING AND BONDING FOR ELECTRONIC SAFETY AND SECURITY	16065S		Jan-07				Oct-06	Replaced SRF Number / Title
96	S	28 33 00.00 40	FUEL-GAS DETECTION AND ALARM	13854S		Jan-07				Jun-06	Replaced SRF Number / Title
97	A	32 13 17	STONE MATRIX ASPHALT (SMA) FOR AIRFIELD PAVEMENTS	02740		Jan-07				Apr-06	Changed design requirements
98	S	33 16 13.13 40	STEEL ABOVEGROUND WATER UTILITY STORAGE TANKS	13210S					Jan-07	Jun-06	Re-occurs in: 33 16 15
99	S	33 32 13.13 40	PACKAGED SEWAGE LIFT STATIONS, WET WELL TYPE	02535S		Jan-07				Oct-06	Replaced SRF Number / Title
100	S	33 50 00.00 40	FUEL DISTRIBUTION UTILITIES	02555S					Jan-07	Oct-06	Re-occurs in : 33 51 00.00 20 Re-occurs in : 33 51 01.00 10 Re-occurs in : 33 51 03.00 10
101	N	33 71 02.00 20	UNDERGROUND ELECTRICAL DISTRIBUTION	16302N			Jan-07			Jul-06	New graphics.
102	N	33 71 02.00 20	UNDERGROUND ELECTRICAL DISTRIBUTION	16302N		Feb-07				Jan-07	Added requirement for immersible piping
103	S	33 71 39.13 40	OVERHEAD HIGH-VOLTAGE WIRING	16305S		Jan-07				Jun-06	Replaced SRF Number / Title
104	S	33 71 49 23.40	UNDERGROUND MEDIUM VOLTAGE WIRING	02585S		Jan-07				Jun-06	Replaced SRF Number / Title
105	S	33 73 00.00 40	UTILITY TRANSFORMERS	16276S		Jan-07				Jun-06	Replaced SRF Number / Title
106	S	33 75 00.00 40	HIGH-VOLTAGE SWITCHGEAR AND PROTECTION DEVICES	16445S		Jan-07				Jun-06	Replaced SRF Number / Title
107	S	33 75 13.00 40	AIR HIGH-VOLTAGE CIRCUIT BREAKER	16325S		Jan-07				Jun-06	Replaced SRF Number / Title
108	S	33 77 13.00 40	AIR MEDIUM-VOLTAGE CIRCUIT BREAKER	16326S		Jan-07				Jun-06	Replaced SRF Number / Title
109	S	33 77 19.00 40	GAS MEDIUM-VOLTAGE CIRCUIT BREAKER	16328S		Jan-07				Jun-06	Replaced SRF Number / Title
110	S	33 77 36.00 40	MEDIUM-VOLTAGE UTILITY FUSES	16495S		Jan-07				Jun-06	Replaced SRF Number / Title
111	S	34 11 00	RAILROAD TRACK AND ACCESSORIES	05650		Jan-07				Apr-06	Implement AASHTO requirements
112	A	34 41 26.00 10	ACCESS CONTROL POINT CONTROL SYSTEM					Jan-07			
113	N	35 59 13.16	MARINE FENDERS	02396N	RESILIENT FOAM-FILLED MARINE FENDERS		Jan-07			Apr-06	
114	S	40 41 13.13 40	PROCESS PIPING ELECTRICAL RESISTANCE HEAT TRACING	15767S		Jan-07				Jun-06	Replaced SRF Number / Title
115	S	40 95 33.23 40	FIBER OPTIC PROCESS CONTROL NETWORKS	16121S		Jan-07				Jun-06	Replaced SRF Number / Title
116	S	41 22 00.00 40	CRANES AND HOISTS	14600S					Jan-07	Oct-06	Re-occurs in: 41 22 13.13 20 Re-occurs in: 41 22 13.14 20
117	S	41 22 23.19 40	MONORAIL HOISTS	14920S					Jan-07	Oct-06	Re-occurs in: 41 22 23.19 10 Re-occurs in: 41 22 03.13 20 Re-occurs in: 41 22 03.16 20 Re-occurs in: 41 22 03.19 20
118	S	43 21 13.00 40	CENTRIFUGAL LIQUID PUMPS	15135S					Jan-07	Jun-06	Re-occurs in: 43 21 13
119	N	44 42 13.00 20	AERATION EQUIPMENT	11375N			Jan-07			Apr-06	
120											
121											