

MASTERSPEC®

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ELECTRICAL LIBRARY
Full Length Basic

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VOLUME 1

DIVISION 1 - GENERAL REQUIREMENTS

	3/03 01000	GENERAL REQUIREMENTS	Evaluations for all Division 1 Sections.
R	11/02 01100	SUMMARY	Summary of the Work, Work phases, products ordered in advance, Owner-furnished products, use of premises, and work restrictions.
	11/02 01125	SUMMARY OF MULTIPLE CONTRACTS	Responsibilities of each contract for the Work, coordination, and temporary facilities and controls.
	11/02 01210	ALLOWANCES	Provisions for allowances.
	11/02 01230	ALTERNATES	Provisions for alternates.
	11/02 01250	CONTRACT MODIFICATION PROCEDURES	Procedural requirements for changing the Contract.
	11/02 01270	UNIT PRICES	Provisions for unit prices.
	11/02 01290	PAYMENT PROCEDURES	Administrative requirements for payment.
	8/04 01310	PROJECT MANAGEMENT AND COORDINATION	Administrative requirements for project meetings and coordination.
	11/02 01320	CONSTRUCTION PROGRESS DOCUMENTATION	Contractor's Construction Schedule, Submittals Schedule, and reports.
	11/02 01322	PHOTOGRAPHIC DOCUMENTATION	Construction photographs and videotapes.
R	11/02 01330	SUBMITTAL PROCEDURES	Procedures for submitting Action, Informational, and Delegated-Design Submittals.
	5/02 01351	SPECIAL PROCEDURES FOR HISTORIC TREATMENT	Storage, temporary protection, and procedures.
U	5/06 01352	LEED REQUIREMENTS	General requirements and procedures for LEED prerequisites and credits.
	11/02 01400	QUALITY REQUIREMENTS	Quality-assurance and -control requirements and special inspections.
	11/05 01420	REFERENCES	Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MASTERSPEC.
R	11/02 01500	TEMPORARY FACILITIES AND CONTROLS	Temporary utilities and facilities for support, security, and protection.
R	2/03 01524	CONSTRUCTION WASTE MANAGEMENT	Salvaging, recycling, and disposing of construction waste.
	11/02 01600	PRODUCT REQUIREMENTS	Administrative and procedural requirements for product selection and handling, warranties, and product substitutions.
	11/02 01700	EXECUTION REQUIREMENTS	Field engineering, progress cleaning, and general requirements for product installation.
R	11/02 01731	CUTTING AND PATCHING	Special procedures.
R	11/02 01732	SELECTIVE DEMOLITION	Demolition and removal of selected portions of buildings and site elements.
	11/02 01770	CLOSEOUT PROCEDURES	Administrative and procedural requirements for Contract closeout.
	11/02 01781	PROJECT RECORD DOCUMENTS	Record Drawings, Specifications, and Product Data.
	11/02 01782	OPERATION AND MAINTENANCE DATA	Emergency, operation, and maintenance manuals for products and equipment.
	12/05 01810	GENERAL COMMISSIONING REQUIREMENTS	Administrative requirements and procedures for commissioning all systems.
U	6/06 01815	COMMISSIONING OF HVAC	Administrative requirements and procedures for commissioning HVAC systems.
	11/02 01820	DEMONSTRATION AND TRAINING	Administrative and procedural requirements for instructing Owner's personnel.
DIVISION 2 - SITE CONSTRUCTION			
	5/04 02221	BUILDING DEMOLITION	Complete structure removal.
	11/01 02230	SITE CLEARING	Clearing and grubbing, and topsoil removal.
	2/02 02300	EARTHWORK	Excavating, filling, and grading.
	8/05 02741	ASPHALT PAVING	Paving, overlays, and surface treatments.

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2/02	02751	CEMENT CONCRETE PAVEMENT	General applications.
8/02	02821	CHAIN-LINK FENCES AND GATES	Standard chain-link fencing systems.

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VOLUME 2

DIVISION 3 - CONCRETE

R	8/02	03300	CAST-IN-PLACE CONCRETE	General building and structural applications.
R	8/02	03301	CAST-IN-PLACE CONCRETE (LIMITED APPLICATIONS)	Limited applications for smaller projects.

DIVISION 5 - METALS

R	2/02	05500	METAL FABRICATIONS	Iron and steel items (not sheet metal).
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DIVISION 6 - WOOD AND PLASTICS

R	11/03	06100	ROUGH CARPENTRY	Wood framing, furring, grounds, nailers, and blocking.
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DIVISION 7 - THERMAL AND MOISTURE PROTECTION

	11/05	07620	SHEET METAL FLASHING AND TRIM	Custom-fabricated roof and wall flashings and roof-drainage systems, and manufactured through-wall flashing and reglets.
	11/02	07720	ROOF ACCESSORIES	Roof curbs, equipment supports, roof hatches, heat and smoke vents, gravity ventilators, roof supports, and roof walkways.
	11/02	07841	THROUGH-PENETRATION FIRESTOP SYSTEMS	Through-penetration firestop systems.

DIVISION 8 - DOORS AND WINDOWS

	2/04	08311	ACCESS DOORS AND FRAMES	Wall, ceiling, and floor units.
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DIVISION 9 - FINISHES

	2/04	09910	PAINTING	Evaluations for Sections 09911 and 09912.
	2/04	09911	EXTERIOR PAINTING	Exterior painting.
R	2/04	09912	INTERIOR PAINTING	Interior painting.
R	11/03	09960	HIGH-PERFORMANCE COATINGS	Specialty coatings for use on exterior and interior substrates.

DIVISION 13 - SPECIAL CONSTRUCTION

	12/02	13100	LIGHTNING PROTECTION	Protection for buildings and site components.
	6/01	13810	CLOCK AND PROGRAM CONTROL	Electronic, with master control, analog and digital clocks, and signals.
	9/05	13852	DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM	Systems with addressable initiating devices and conventional or addressable notification appliances.
	9/05	13853	ZONED (DC LOOP) FIRE-ALARM SYSTEM	Small systems for buildings relying on zoned fire-alarm concept.

DIVISION 16 - ELECTRICAL

	3/05	16051	COMMON WORK RESULTS FOR ELECTRICAL	Materials and methods common to multiple electrical systems.
	3/05	16052	COMMON WORK RESULTS FOR COMMUNICATIONS	Materials and methods common to multiple communication systems.
	3/05	16053	COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND SECURITY	Materials and methods common to multiple electronic safety and security systems.

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VOLUME 3

	9/03 16060	GROUNDING AND BONDING	Methods and materials for grounding systems and equipment.
	12/04 16073	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS	Hangers, supports, and concrete bases.
	12/04 16074	VIBRATION AND SEISMIC CONTROLS FOR ELECTRICAL SYSTEMS	Vibration isolation devices and seismic restraints.
	9/02 16075	ELECTRICAL IDENTIFICATION	Labels, markers, tags, ties, tape, bands, and signs.
	3/04 16120	CONDUCTORS AND CABLES	Electrical power distribution (600 V and less).
	3/04 16122	UNDERCARPET CABLES	Power and communication cables.
	3/06 16123	CONTROL-VOLTAGE ELECTRICAL POWER CABLES	UTP, optical fiber, and low-voltage control circuit conductors and cables.
	6/04 16130	RACEWAYS AND BOXES	Pull, junction, outlet, and cabinets.
	6/04 16139	CABLE TRAYS	Ladder, trough, solid-bottom, and channel types.
	6/04 16140	WIRING DEVICES	Switches, receptacles, lighting-control devices, and plates.
R	9/04 16145	LIGHTING CONTROL DEVICES	Time switches, photoelectric relays, occupancy sensors, and multipole lighting controls.
	9/02 16211	ELECTRICITY METERING	Energy and demand metering by utility or Owner.
R	12/03 16215	ELECTRICAL POWER MONITORING AND CONTROL	Remote and local monitoring, metering, and control of individual circuits.
	12/03 16231	PACKAGED ENGINE GENERATORS	Diesel- and gas-engine-driven types.
	9/02 16264	STATIC UNINTERRUPTIBLE POWER SUPPLY	Units rated 5 to 750 kVA for systems (600 V and less).
R	6/02 16269	VARIABLE FREQUENCY CONTROLLERS	Solid-state, pulse-width modulated.
	9/02 16289	TRANSIENT VOLTAGE SUPPRESSION	TVSS for low-voltage power, control, and communication equipment.
	3/06 16410	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	Fusible, nonfusible, receptacle, shunt trip, and molded-case switches; molded-case circuit breakers; enclosures.
	12/03 16415	TRANSFER SWITCHES	Automatic, nonautomatic, and bypass/isolation.
	6/02 16420	ENCLOSED CONTROLLERS	Manual, magnetic, and solid state.
	12/05 16441	SWITCHBOARDS	Service and distribution switchboards, 600V and less.
	12/05 16442	PANELBOARDS	Distribution, branch circuit, and TVSS panel boards and load centers.
	6/02 16443	MOTOR-CONTROL CENTERS	Conventional, modular, freestanding (600 V).
	9/04 16450	ENCLOSED BUS ASSEMBLIES	Plug in & feeder (600 V or less).
	9/04 16461	LOW-VOLTAGE TRANSFORMERS	General purpose and specialty dry type.
	3/06 16491	FUSES	Cartridge type (600 V and less); plug type (125 V and less); fuse adapters; spare-fuse cabinet.
R	6/03 16511	INTERIOR LIGHTING	Normal and emergency lighting.
R	6/03 16521	EXTERIOR LIGHTING	Exterior luminaires including poles and standards.
	3/05 16714	COMMUNICATIONS EQUIPMENT ROOM FITTINGS	Telecommunications mounting equipment, service pathways, and grounding.
	3/05 16716	COMMUNICATIONS BACKBONE CABLING	Pathways, cables, connecting hardware, and cable identification systems.
	3/05 16717	COMMUNICATIONS HORIZONTAL CABLING	Pathways, cables, MUTOAs, connecting hardware, and identification and administration systems.
	3/05 16718	CONDUCTORS AND CABLES FOR ELECTRONIC SAFETY AND SECURITY	Cables, connecting hardware, and identification systems.
	12/05 16722	INTERCOMMUNICATIONS AND PROGRAM SYSTEMS	Manually-switched and microprocessor-switched systems.
	12/05 16723	EDUCATIONAL INTERCOMMUNICATIONS AND PROGRAM SYSTEMS	Manually and microprocessor-switched systems.
	12/05 16726	PUBLIC ADDRESS AND MASS NOTIFICATION SYSTEMS	Equipment, cabling, and raceways.
	6/02 16727	SOUND-MASKING EQUIPMENT	Equipment and accessories for acoustical privacy.

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3/02 16785	MASTER ANTENNA TELEVISION SYSTEM	MATV with options for off-air antennas, CATV, or broadcast satellite service.
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