

GENERAL CONDITIONS

SECTION 014200 - REFERENCES

- PART 1 - GENERAL
1.1 INDUSTRY STANDARDS
A. APPLICABILITY OF STANDARDS: UNLESS THE CONTRACT DOCUMENTS INCLUDE MORE STRINGENT REQUIREMENTS, APPLICABLE CONSTRUCTION INDUSTRY STANDARDS HAVE THE SAME FORCE AND EFFECT AS IF BOUND OR COPIED DIRECTLY INTO THE CONTRACT DOCUMENTS TO THE EXTENT REFERENCED. SUCH STANDARDS ARE MADE A PART OF THE CONTRACT DOCUMENTS BY REFERENCE.
B. PUBLICATION DATES: COMPLY WITH STANDARDS IN EFFECT AS OF DATE OF THE CONTRACT DOCUMENTS UNLESS OTHERWISE INDICATED.
C. COPIES OF STANDARDS: EACH ENTITY ENGAGED IN CONSTRUCTION ON PROJECT SHOULD BE FAMILIAR WITH INDUSTRY STANDARDS APPLICABLE TO ITS CONSTRUCTION ACTIVITY. COPIES OF APPLICABLE STANDARDS ARE NOT BOUND WITH THE CONTRACT DOCUMENTS.
1. WHERE COPIES OF STANDARDS ARE NEEDED TO PERFORM A REQUIRED CONSTRUCTION ACTIVITY, OBTAIN COPIES DIRECTLY FROM PUBLICATION SOURCE.
1.2 ABBREVIATIONS AND ACRONYMS
A. INDUSTRY ORGANIZATIONS: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.
ACI AMERICAN CONCRETE INSTITUTE
AHA AMERICAN HARDBOARD ASSOCIATION
ATC AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ANSI AMERICAN NATIONAL STANDARDS INSTITUTE
APA - THE ENGINEERED WOOD ASSOCIATION
ASHRAE AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS
ASTM ASTM INTERNATIONAL (AMERICAN SOCIETY FOR TESTING AND MATERIALS INTERNATIONAL)
AWI ARCHITECTURAL WOODWORK INSTITUTE
AWPA AMERICAN WOOD PROTECTION ASSOCIATION (FORMERLY: AMERICAN WOOD PRESERVERS' ASSOCIATION)
CRI CARPET AND RUG INSTITUTE (THE)
CRRC COOL ROOF RATING COUNCIL
CSA CANADIAN STANDARDS ASSOCIATION
CSA CSA INTERNATIONAL (FORMERLY: IAS - INTERNATIONAL APPROVAL SERVICES)
CSI CONSTRUCTION SPECIFICATIONS INSTITUTE (THE)
ETL SEMCO INTERTEK ETL SEMCO (FORMERLY: ITS - INTERTEK TESTING SERVICE NA)
FM GLOBAL FM GLOBAL (FORMERLY: FMG - FM GLOBAL)
FSC FOREST STEWARDSHIP COUNCIL
HPVA HARDWOOD PLYWOOD & VENEER ASSOCIATION
ISO INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ITS INTERTEK TESTING SERVICE NA (NOW ETL SEMCO)
MFMA MAPLE FLOORING MANUFACTURERS ASSOCIATION, INC.
MPI MASTER PAINTERS INSTITUTE
NFPA NFPA (NATIONAL FIRE PROTECTION ASSOCIATION)
NOFMA THE WOOD FLOORING MANUFACTURERS ASSOCIATION (FORMERLY: NATIONAL OAK FLOORING MANUFACTURERS ASSOCIATION)
OPL INTERTEK
SDI STEEL DOOR INSTITUTE
SMACNA SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION
UL UNDERWRITERS LABORATORIES INC.
USGBC U.S. GREEN BUILDING COUNCIL
WCLIB WEST COAST LUMBER INSPECTION BUREAU
WI WOODWORK INSTITUTE (FORMERLY: WIC - WOODWORK INSTITUTE OF CALIFORNIA)
B. CODE AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.
DIN DEUTSCHES INSTITUT FUR NORMUNG E.V.
ICC INTERNATIONAL CODE COUNCIL
ICC-ES ICC EVALUATION SERVICE, INC.
C. FEDERAL GOVERNMENT AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.
EPA ENVIRONMENTAL PROTECTION AGENCY
D. STANDARDS AND REGULATIONS: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE STANDARDS AND REGULATIONS IN THE FOLLOWING LIST.
ADAAG AMERICANS WITH DISABILITIES ACT (ADA)
ARCHITECTURAL BARRIERS ACT (ABA)
ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES AVAILABLE FROM U.S. ACCESS BOARD
CFR CODE OF FEDERAL REGULATIONS
AVAILABLE FROM GOVERNMENT PRINTING OFFICE
E. STATE GOVERNMENT AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.
CDHS CALIFORNIA DEPARTMENT OF HEALTH SERVICES
CDPH CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, INDOOR AIR QUALITY SECTION
END OF SECTION 014200

GENERAL CONDITIONS

SECTION 017419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL

- 1.1 SUMMARY
A. SALVAGING NONHAZARDOUS DEMOLITION AND CONSTRUCTION WASTE.
B. RECYCLING OPERATIONS. CONSTRUCTION WASTE INCLUDES PACKAGING.
C. DISPOSING OF NONHAZARDOUS DEMOLITION AND CONSTRUCTION WASTE.
1.2 DEFINITIONS
A. CONSTRUCTION WASTE: BUILDING AND SITE IMPROVEMENT MATERIALS AND OTHER SOLID WASTE RESULTING FROM CONSTRUCTION, REMODELING, RENOVATION, OR REPAIR OPERATIONS. CONSTRUCTION WASTE INCLUDES PACKAGING.
B. DEMOLITION WASTE: BUILDING AND SITE IMPROVEMENT MATERIALS RESULTING FROM DEMOLITION OR SELECTIVE DEMOLITION OPERATIONS.
C. DISPOSAL: REMOVAL OFF-SITE OF DEMOLITION AND CONSTRUCTION WASTE AND SUBSEQUENT SALE, RECYCLING, REUSE, OR DEPOSIT IN LANDFILL OR INCINERATOR ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
D. RECYCLE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE FOR SUBSEQUENT PROCESSING IN PREPARATION FOR REUSE.
E. SALVAGE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE AND SUBSEQUENT SALE OR REUSE IN ANOTHER FACILITY.
F. SALVAGE AND REUSE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE AND SUBSEQUENT INCORPORATION INTO THE WORK.
1.3 ACTION SUBMITTALS
A. WASTE MANAGEMENT PLAN: SUBMIT PLAN WITHIN 7 DAYS OF DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK.
1. TYPES AND QUANTITIES OF DEMOLITION AND CONSTRUCTION WASTE.
2. TYPE OF WASTE AND WHETHER IT WILL BE SALVAGED, RECYCLED, OR DISPOSED OF IN LANDFILL OR INCINERATOR.
3. NET ADDITIONAL COST OR NET SAVINGS RESULTING FROM WASTE MANAGEMENT PLAN.
1.4 INFORMATION SUBMITTALS
A. WASTE REDUCTION PROGRESS REPORTS: CONCURRENT WITH EACH APPLICATION FOR PAYMENT. SUBMIT REPORT INDICATING TYPE OF WASTE AND WHETHER IT HAS BEEN SALVAGED, RECYCLED, OR DISPOSED OF IN LANDFILL OR INCINERATOR.
B. WASTE DISPOSAL RECORDS: INDICATE RECEIPT AND ACCEPTANCE OF WASTE MATERIAL BY ACCEPTING AND PROCESSING FACILITIES LICENSED TO ACCEPT THEM. INCLUDE MANIFESTS, TYPE OF MATERIAL, WEIGHT OR VOLUME TICKETS, RECEIPTS.
C. LEED SUBMITTAL: CWM REPORTING TEMPLATE, TABULATING TOTAL WASTE MATERIAL, QUANTITIES DIVERTED AND MEANS BY WHICH IT IS DIVERTED, AND STATEMENT THAT REQUIREMENTS FOR THE CREDIT HAVE BEEN MET.
1.5 RECYCLING WASTE
A. RECYCLING INCENTIVES: REVENUES AND OTHER INCENTIVES FOR RECYCLING WILL ACCRUE TO OWNER.
END OF SECTION 017419
EXISTING CONDITIONS
SECTION 024119 - SELECTIVE DEMOLITION
1.1 SUMMARY
A. DEMOLITION AND REMOVAL OF PORTIONS OF A BUILDING OR STRUCTURE AND SELECTED SITE ELEMENTS.
B. HISTORIC ITEMS REMOVED AND SALVAGED FOR OWNER.
1.2 SUBMITTALS
A. SCHEDULE OF SELECTIVE DEMOLITION ACTIVITIES: INDICATE THE FOLLOWING:
1. DETAILED SEQUENCE OF SELECTIVE DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY. ENSURE OWNER'S MANAGER'S AND OTHER TENANTS' ON-SITE OPERATIONS ARE UNINTERRUPTED.
2. INTERRUPTION OF UTILITY SERVICES. INDICATE HOW LONG UTILITY SERVICES WILL BE INTERRUPTED.
3. COORDINATION FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.
4. USE OF ELEVATOR AND STAIRS.
5. COORDINATION OF OWNER'S CONTINUING OCCUPANCY OF PORTIONS OF EXISTING BUILDING AND OF OWNER'S PARTIAL OCCUPANCY OF COMPLETED WORK.
1.3 PROJECT CONDITIONS
A. OWNER WILL NOT OCCUPY PORTIONS OF BUILDING IMMEDIATELY ADJACENT TO SELECTIVE DEMOLITION AREA.
B. HAZARDOUS MATERIALS: UNKNOWN WHETHER HAZARDOUS MATERIALS WILL BE ENCOUNTERED. IF ENCOUNTERED, OWNER WILL REMOVE HAZARDOUS MATERIALS UNDER A SEPARATE CONTRACT.
1.4 EXECUTION
A. UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS:
1. MAINTAIN SERVICES/SYSTEMS INDICATED TO REMAIN AND PROTECT FROM DAMAGE.
2. IF SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF BUILDING.
3. SHUT OFF: BY CONTRACTOR.
B. SITE ACCESS AND TEMPORARY CONTROLS: MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
C. TEMPORARY FACILITIES: PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
D. TEMPORARY SHORING: PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED.
E. REMOVED AND SALVAGED ITEMS: CLEANED, CRATED, STORED, AND TRANSPORTED TO OWNER'S OFF-SITE STORAGE AREA.
F. REMOVED AND REINSTALLED ITEMS: CLEANED, REPAIRED, CRATED, STORED, AND REINSTALLED.
G. EXISTING ITEMS TO REMAIN: EXISTING CONSTRUCTION PROTECTED AGAINST DAMAGE.
H. DISPOSAL OF DEMOLISHED ITEMS.
1. BURNING: NOT PERMITTED.
2. DISPOSAL: COMPLY WITH REQUIREMENTS SECTION 017419 "CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL".
END OF SECTION 024119

CONCRETE

SECTION 033000 - CAST-IN-PLACE CONCRETE

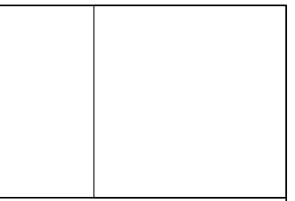
- 1.1 SUMMARY
A. CAST-IN-PLACE CONCRETE, INCLUDING FORMWORK, REINFORCEMENT, CONCRETE MATERIALS, MIXTURE DESIGN, PLACEMENT PROCEDURES, AND FINISHES, FOR THE FOLLOWING:
1. FOOTINGS.
2. FOUNDATION WALLS.
3. SLABS-ON-GRADE.
1.2 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
B. SHOP DRAWINGS:
1. REINFORCING: PLACING DRAWINGS THAT DETAIL FABRICATION, BENDING, AND PLACEMENT. INCLUDE BAR SIZES, LENGTHS, MATERIAL, GRADE, BAR SCHEDULES, STIRRUP SPACING, BENT BAR DIAGRAMS, BAR ARRANGEMENT. SPLICES AND LAPS, MECHANICAL CONNECTIONS, TIE SPACING, HOOP SPACING, AND SUPPORTS FOR CONCRETE REINFORCEMENT.
2. SLAB LAYOUTS: DIMENSION LOCATIONS OF CONTROL, EXPANSION, AND CONSTRUCTION JOINTS. RELATE TO BUILDING GRID LINES.
C. DESIGN MIXTURES: FOR EACH CONCRETE MIXTURE. SUBMIT ALTERNATE DESIGN MIXTURES WHEN CHARACTERISTICS OF MATERIALS, PROJECT CONDITIONS, WEATHER, TEST RESULTS, OR OTHER CIRCUMSTANCES WARRANT ADJUSTMENTS.
1. INDICATE AMOUNTS OF MIXING WATER TO BE WITHHELD FOR LATER ADDITION AT PROJECT SITE.
D. CERTIFICATIONS: SUBMIT MILL CERTIFICATES FOR CEMENT, AGGREGATES, AND REINFORCING.
1.3 MATERIALS
A. STEEL REINFORCEMENT:
1. REINFORCING BARS: DEFORMED.
a. MINIMUM RECYCLED CONTENT: 60%
2. PLAIN-STEEL WELDED WIRE REINFORCEMENT: ASTM A 185, PLAIN, FABRICATED FROM AS-DRAWN STEEL WIRE INTO FLAT SHEETS.
B. CONCRETE MATERIALS:
1. PORTLAND CEMENT: ASTM C 150, TYPE I, GRAY, SUPPLEMENT WITH THE FOLLOWING:
a. FLY ASH: ASTM C 618, CLASS F OR C.
b. GROUND GRANULATED BLAST-FURNACE SLAG: ASTM C 989, GRADE 100 OR WATER: ASTM C 94/C 94M.
2. AGGREGATE: NORMAL WEIGHT.
3. WATER: ASTM C 94/C 94M.
4. ADMIXTURES: PROVIDE ADMIXTURES CERTIFIED BY MANUFACTURER TO BE COMPATIBLE WITH OTHER ADMIXTURES AND THAT WILL NOT CONTRIBUTE WATER-SOLUBLE CHLORIDE IONS EXCEEDING THOSE PERMITTED IN HARDENED CONCRETE. DO NOT USE CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CALCIUM CHLORIDE.
a. AIR-ENTRAINMENT: ASTM C 260.
b. WATER-REDUCING ADMIXTURE: ASTM C 494/C 494M, TYPE A.
c. HIGH-RANGE WATER-REDUCING ADMIXTURE: ASTM C 494/C494M, TYPE F.
C. WATERSTOPS: FLEXIBLE RUBBER.
D. PLASTIC VAPOR RETARDER: ASTM E 1745, CLASS A. INCLUDE MANUFACTURER'S RECOMMENDED ADHESIVE OR PRESSURE-SENSITIVE JOINT TAPE.
E. CURING MATERIALS: WATERBORNE, MONOMOLECULAR FILM FORMING, MANUFACTURED FOR APPLICATION TO FRESH CONCRETE.
F. RELATED MATERIALS:
1. EXPANSION AND ISOLATION JOINT-FILLER STRIPS ASTM D 1751, ASPHALT-SATURATED CELLULOSIC FIBER OR ASTM D 1752, CORK OR SELF-EXPANDING CORK.
2. BONDING AGENT: ASTM C 1059/C 1059M, TYPE II, NON-REDISPERSIBLE, ACRYLIC EMULSION OR STYRENE BUTADIENE.
3. NON-SHRINK GROUTS: ASTM C 1107, GRADE B; NON-SHRINK NON-CATALYZED NATURAL AGGREGATE GROUT; MINIMUM COMPRESSIVE STRENGTH OF 7000 PSI AT 28 DAYS; 25 TO 30 SECOND FLOW WHEN TESTED IN ACCORDANCE WITH ASTM C 939 AT 45 TO 90 DEGREES F; CEMENT GRAY IN COLOR
4. FORM RELEASE COATING: WATER BASED TYPE; VOC <150g/l; NOX-CRETE "UTILITY RELEASE. CRESSET CHEMICAL COMPANY CRETE 20_VOC" OR APPROVED; NON STAINING.
G. REPAIR MATERIALS:
1. REPAIR UNDERLAYMENT: CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING PRODUCT THAT CAN BE APPLIED IN THICKNESSES FROM 1/8 INCH(3.2 MM) THAT CAN BE FEATHERED AT EDGES TO MATCH ADJACENT FLOOR AND ELEVATIONS.
a. CEMENT BINDER: ASTM C 150, PORTLAND CEMENT OR HYDRAULIC OR BLENDED HYDRAULIC CEMENT AS DEFINED IN ASTM C 219.
b. PRIMER: PRODUCT OF UNDERLAYMENT MANUFACTURER RECOMMENDED FOR SUBSTRATE, CONDITIONS, AND APPLICATION.
c. AGGREGATE: WELL-GRADED, WASHED GRAVEL, 1/8 TO 1/4 INCH (3.2 TO 6 MM) OR COARSE SAND AS RECOMMENDED BY UNDERLAYMENT MANUFACTURER.
d. COMPRESSIVE STRENGTH: NOT LESS THAN 4100 PSI(29 MPA) AT 28 DAYS WHEN TESTED ACCORDING TO ASTM C 109/C 109M.
2. REPAIR OVERLAYMENT: CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING PRODUCT THAT CAN BE APPLIED IN THICKNESSES FROM 1/8 INCH(3.2 MM) AND THAT CAN BE FEATHERED AT EDGES TO MATCH ADJACENT FLOOR ELEVATIONS.
a. CEMENT BINDER: ASTM C 150, PORTLAND CEMENT OR HYDRAULIC OR BLENDED HYDRAULIC CEMENT AS DEFINED IN ASTM C 219.
b. PRIMER: PRODUCT OF TOPPING MANUFACTURER RECOMMENDED FOR SUBSTRATE, CONDITIONS, AND APPLICATION.
c. AGGREGATE: WELL-GRADED, WASHED GRAVEL, 1/8 TO 1/4 INCH (3.2 TO 6 MM) OR COARSE SAND AS RECOMMENDED BY TOPPING MANUFACTURER.
d. COMPRESSIVE STRENGTH: NOT LESS THAN 5000 PSI(34.5 MPA) AT 28 DAYS WHEN TESTED ACCORDING TO ASTM C 109/C 109M.
1.4 INSTALLATION
A. FLOOR AND SLAB FINISHES:
1. FLOAT: SURFACES TO RECEIVE TROWEL FINISH.
2. TROWEL: SURFACES EXPOSED TO VIEW, AND SURFACES TO BE COVERED WITH RESILIENT FLOORING, CARPET, CERAMIC OR QUARRY TILE SET OVER A CLEAVAGE MEMBRANE, PAINT, OR ANOTHER THIN-FILM-FINISH COATING SYSTEM.
3. TROWEL AND FINE BROOM: SURFACES TO BE COVERED WITH CERAMIC OR QUARRY TILE INSTALLED BY EITHER THICKSET OR THIN-SET METHOD.
4. BROOM: EXTERIOR CONCRETE PLATFORMS, PATIO, STEPS AND RAMPS.
1.5 FIELD QUALITY CONTROL
A. TESTING: BY OWNER-ENGAGED AGENCY.
B. INSPECTIONS: BY OWNER-ENGAGED SPECIAL INSPECTOR.
END OF SECTION 033000

METALS

SECTION 053000 - METAL FABRICATIONS

- 1.1 SUMMARY
A. STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT.
B. STEEL FRAMING AND SUPPORTS FOR APPLICATIONS WHERE FRAMING AND SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS.
C. SHELF ANGLES.
D. METAL BOLLARDS.
1.2 SUBMITTALS
A. PRODUCT DATA: FOR THE FOLLOWING:
1. PAINT PRODUCTS.
2. GROUT.
3. ALL PREFABRICATED PRODUCTS.
B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR METAL FABRICATIONS.
1. INCLUDE PLANS, ELEVATIONS, SECTIONS, AND DETAILS OF METAL FABRICATIONS AND THEIR CONNECTIONS. SHOW ANCHORAGE AND ACCESSORY ITEMS.
2. PROVIDE TEMPLATES FOR ANCHORS AND BOLTS SPECIFIED FOR INSTALLATION UNDER OTHER SECTIONS.
C. WELDING CERTIFICATES.
1.3 PRODUCTS
A. MATERIALS: STEEL PLATES, SHAPES, AND BARS, STEEL PIPE, SLOTTED CHANNEL FRAMING.
1. LOW-EMITTING PRIMER: METAL PRIMER SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
B. MISCELLANEOUS FRAMING AND SUPPORTS:
1. STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT, APPLICATIONS WHERE FRAMING AND SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS.
2. GALVANIZE WHERE INDICATED.
3. PRIME WITH ZINC-RICH PRIMER WHERE INDICATED.
a. ZINC-RICH PRIMER SHALL HAVE A VOC CONTENT OF 340 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
C. LOOSE STEEL ITEMS, GALVANIZED AT EXTERIOR WALLS.
D. SHELF ANGLES, GALVANIZED.
E. STEEL WELD PLATES AND ANGLES NOT SPECIFIED IN OTHER SECTIONS, FOR CASTING INTO CONCRETE.
F. METAL BOLLARDS: SCHEDULE 40 STEEL PIPE.
END OF SECTION 053000
WOODS AND PLASTICS
SECTION 061000 - ROUGH CARPENTRY
1.1 MATERIALS
A. WOOD-PRESERVATIVE-TREATED LUMBER:
1. PRESERVATIVE TREATMENT: AWP4 U1; USE CATEGORY UC2, BUT USE CATEGORY UC4 FOR EXTERIOR CONSTRUCTION AND USE CATEGORY UC4A FOR EXTERIOR CONTACT WITH THE GROUND.
a. PRESERVATIVE CHEMICALS: CONTAINING NO ARSENIC OR CHROMIUM. DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.
2. APPLICATION: ITEMS INDICATED AND AS FOLLOWS:
a. ITEMS IN CONTACT WITH ROOFING OR WATERPROOFING.
b. ITEMS IN CONTACT WITH CONCRETE OR MASONRY.
c. FRAMING LESS THAN 18 INCHES (460 MM) ABOVE GROUND IN CRAWLSPACES.
d. FLOOR PLATES INSTALLED OVER CONCRETE SLABS-ON-GRADE.
B. DIMENSION LUMBER FRAMING:
1. EXPOSED FRAMING: HAND-SELECTED FOR APPEARANCE AND FREEDOM FROM DECAY, HONEYCOMB, KNOT-HOLES, SHAKE, SPLITS, TORN GRAIN, AND WANE.
a. APPLICATION: EXPOSED EXTERIOR AND INTERIOR FRAMING INDICATED TO RECEIVE A STAINED OR NATURAL FINISH.
b. SPECIES AND GRADE: AS INDICATED FOR LOAD-BEARING CONSTRUCTION.
C. ENGINEERED WOOD PRODUCTS, GENERAL: PRODUCTS LOCATED WITHIN THE BUILDING WEATHERPROOFING SYSTEM SHALL CONTAIN NO ADDED UREA FORMALDEHYDE.
D. SHEAR WALL PANELS, GENERAL: PRODUCTS LOCATED WITHIN THE BUILDING WEATHERPROOFING SYSTEM SHALL CONTAIN NO ADDED UREA FORMALDEHYDE.
E. FASTENERS: HOT-DIP GALVANIZED STEEL WHERE EXPOSED TO WEATHER, IN GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AREA OF HIGH RELATIVE HUMIDITY.
F. METAL FRAMING ANCHORS:
1. HOT-DIP GALVANIZED STEEL FOR INTERIOR LOCATIONS.
2. HOT-DIP, HEAVY-GALVANIZED STEEL FOR TREATED LUMBER AND WHERE INDICATED.
3. STAINLESS STEEL FOR EXTERIOR AND WHERE INDICATED.
G. MISCELLANEOUS MATERIALS:
1. SILL SEALER GASKETS: [GLASS-FIBER INSULATION] [NEOPRENE FOAM].
2. ADHESIVES SHALL HAVE A VOC CONTENT OF 70 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
END OF SECTION 061000
WOODS AND PLASTICS
SECTION 061053 - MISCELLANEOUS ROUGH CARPENTRY
1.1 MATERIALS
A. WOOD-PRESERVATIVE-TREATED MATERIALS:
1. PRESERVATIVE TREATMENT: AWP4 U1; USE CATEGORY UC2.
a. PRESERVATIVE CHEMICALS: CONTAINING NO ARSENIC OR CHROMIUM. DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.
2. APPLICATION: ITEMS INDICATED AND THE FOLLOWING:
a. ITEMS IN CONTACT WITH ROOFING OR WATERPROOFING.
b. ITEMS IN CONTACT WITH CONCRETE OR MASONRY.
c. FRAMING LESS THAN 18 INCHES (460 MM) ABOVE GROUND IN CRAWLSPACES.
d. FLOOR PLATES INSTALLED OVER CONCRETE SLABS-ON-GRADE.
B. FIRE-RETARDANT-TREATED MATERIALS:
1. EXTERIOR TYPE FOR EXTERIOR LOCATIONS AND WHERE INDICATED.
2. INTERIOR TYPE A UNLESS OTHERWISE INDICATED.
3. APPLICATION: ITEMS INDICATED AND THE FOLLOWING:
a. FRAMING FOR RAISED PLATFORMS.
b. CONCEALED BLOCKING.
c. ROOF FRAMING AND BLOCKING.
d. ITEMS IN CONTACT WITH ROOFING.
e. PLYWOOD BACKING PANELS.
C. FRAMING:
1. NON-LOAD-BEARING INTERIOR PARTITIONS: CONSTRUCTION OR NO. 2 GRADE.
D. MISCELLANEOUS LUMBER:
1. DIMENSION LUMBER: CONSTRUCTION OR NO. 2 GRADE.
2. UTILITY SHELVING: 19 PERCENT MAXIMUM MOISTURE CONTENT.
3. CONCEALED BOARDS: 19 PERCENT MAXIMUM MOISTURE CONTENT.
E. PLYWOOD BACKING PANELS: EXPOSURE 1, C-D PLUGGED, FIRE-RETARDANT TREATED.
F. FASTENERS: HOT-DIP GALVANIZED STEEL WHERE EXPOSED TO WEATHER, IN GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AREA OF HIGH RELATIVE HUMIDITY.
G. METAL FRAMING ANCHORS:
1. METAL: GALVANIZED STEEL; HOT-DIP HEAVY GALVANIZED STEEL FOR WOOD-PRESERVATIVE-TREATED LUMBER AND WHERE INDICATED.
H. ADHESIVES: ADHESIVES SHALL HAVE A VOC CONTENT OF 70 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
1.2 INSTALLATION
A. FURRING TO RECEIVE PLYWOOD OR HARDBOARD PANELING: 1-BY-3-INCH NOMINAL-SIZE (19-BY-63-MM ACTUAL-SIZE) FURRING AT 24 INCHES (610 MM) O.C.
B. FURRING TO RECEIVE GYPSUM BOARD: 1-BY-2-INCH NOMINAL-SIZE (19-BY-38-MM ACTUAL-SIZE) FURRING AT 16 INCHES (406 MM) O.C.
END OF SECTION 061053

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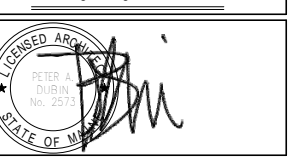
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STARBUCKS TEMPLATE VERSION I2016.12.23

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PROJECT NAME: RENOVATION OF STARBUCKS COFFEE PORTLAND, 1080 FOREST AVE. FOREST AVE.
PROJECT ADDRESS: 1080 FOREST AVENUE PORTLAND, ME 04103 CUMBERLAND COUNTY

STORE #: 11917
PROJECT #: 37548-037
ISSUE DATE: 08/23/2017
PROGRAM MANAGER: J. BOND
DESIGNER: A. LEE
LEED® AP: N/A
PRODUCTION DESIGNER: E. VEGA
CHECKED BY: P. BENVENUTO

Revision Schedule table with columns: Rev, Date, By, Description

SHEET TITLE: OUTLINE SPECIFICATIONS
SCALE: AS SHOWN

SHEET NUMBER: G-0010