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FIVE GUYS AND FAMOUS BURGERS AND FRIES
Location: 774 S.E. MANLYN ROAD
CARY, NORTH CAROLINA
Drawing: SPECIFICATIONS

FIVE GUYS AND FAMOUS BURGERS AND FRIES

Table with 2 columns: Revisions, and empty rows for revision tracking.

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- 3. TOXIC MATERIALS: IF THE PRESENCE OF ANY TOXIC (I.E. ASBESTOS, PCB'S) MATERIAL IS SUSPECTED OR DISCOVERED, THE GENERAL CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY OWNER. CONTRACTOR SHALL NOT UNDERTAKE ANALYSIS OR REMOVAL OF SUSPECTED MATERIALS.
SECTION 02800 - SITE UTILITIES
1. GAS, WATER, SEWER, TELEPHONE AND ELECTRIC SERVICE SHALL BE CONNECTED TO EXISTING UTILITIES BY CONTRACTORS AS REQUIRED BY UTILITY COMPANIES AND LOCAL REQUIREMENTS.

DIVISION 3 - CONCRETE

- SECTION 03300 - CAST-IN-PLACE CONCRETE
1. ALL CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF AMERICAN CONCRETE INSTITUTE ACI 301 AND APPLICABLE SECTIONS OF ASTM C-84 (LATEST EDITION) FOR READY MIXED CONCRETE.
2. ALL CONCRETE SHALL BE TRANSIT MIXED CONCRETE, 3% TO 5% AIR-ENTRAINED, AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN SEVENTY-EIGHT (28) DAYS FOR ALL INTERIOR WORK AND 4,000 PSI FOR WORK EXPOSED TO WEATHER.
3. SLUMP: MAXIMUM ALLOWABLE SLUMP WILL BE FIVE (5) INCHES.
4. CONCRETE MATERIALS:
A. PORTLAND CEMENT: GRAY PORTLAND CEMENT, ASTM C-150 (LATEST EDITION) TYPE 1. ALL CONCRETE SHALL CONTAIN NOT LESS THAN FIVE (5) BAGS OF CEMENT PER CUBIC YARD.
B. AGGREGATES: ASTM C-33 (LATEST EDITION) MAXIMUM SIZE 3/4" INCH.
C. SAND: HARD, DURABLE, CLEAN, SHARP, SAND, COMPLYING WITH THE REQUIREMENTS OF ASTM C144, FREE FROM CLAY, LOAM, DUST OR ORGANIC MATTER.
D. WATER: CLEAN, POTABLE, FREE FROM OIL, ACIDS, ALKALI, ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES.
E. ADMIXTURE: AIR-ENTRAINING TYPE TO MEET ASTM C-260 (LATEST EDITION).
F. WATER/CEMENT RATIO: ALL CONCRETE EXPOSED TO FREEZING AND THAWING SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF .50. ALL CONCRETE SUBJECT TO DE-ICERS SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF .40. ALL OTHER CONCRETE SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF .58.
5. RELATED MATERIALS:
A. VAPOR BARRIER: 6 MIL POLYETHYLENE.
B. GROUT UNDER STEEL PLATES SHALL BE "EMBED" NON-SHRINK GROUT AND SHALL CONFORM TO CRD-021-80, "CORPS OF ENGINEERS SPECIFICATIONS FOR NONSHRINK GROUT".
6. REINFORCING MATERIALS: SHALL BE UNCOATED AND FREE FROM EXCESSIVE RUST, MILL SCALE, OIL, GREASE, AND OTHER DELETERIOUS MATTER.
A. REINFORCING STEEL: SHALL BE INTERMEDIATE GRADE DEFORMED BARS PER ASTM 615 (LATEST EDITION) GRADE 60.
B. STEEL FABRIC REINFORCING: (FOR CONCRETE SLABS) SHALL CONFORM TO ASTM A105 (LATEST EDITION). SEE PLANS FOR TYPE AND PLACEMENT.
C. METAL ACCESSORIES: IN ACCORDANCE WITH ASTM 315 OR AS SHOWN ON DRAWINGS. ALL ACCESSORIES SHALL HAVE PLASTIC COATED LEGS.
7. INSTALLATION:
A. REINFORCEMENT: SHALL BE ACCURATELY POSITIONED AND SECURED, SUPPORTED WITH CONCRETE, METAL CHAIRS, SPACERS, OR METAL HANGERS. REINFORCING BARS SHALL TOP 40 BAR DIAMETERS AT SPACES.
B. SLABS: COMPACT AND SPORED UNIFORMLY TO GRADE. PUSH AGGREGATE BELOW SURFACES WITH A SPORED. FOLLOW SPOREDING WITH A BULL FLOAT. BOOD FLOAT AND STEEL TROWEL TO A UNIFORM FINISH FREE FROM TROWEL MARKS, PINHOLES, OR BLEMISHES. THE MINIMUM TOLERANCE FOR FINISHED FLOOR SLABS SHALL BE 1/4" IN 10' NON-ACCUMULATING.
C. WALLS: SHALL BE 4 INCHES THICK REINFORCED BY 6X6/M-4W-4 WELDED WIRE FABRIC AND SHALL BE BROWN FINISHED. WALLS SHALL HAVE SAVED FOR TOOLED JOINTS 5/8" MAXIMUM WITH TOLDED RADII'S EDGES. INSTALL 3/8" EXPANSION JOINTS AT WALLS, CURBS, ETC. CLEAN AND SEAL JOINTS WITH SEALANT.
D. CURBS: INSTALL 3/8" EXPANSION JOINTS, WITH NON-EXTRUDING SEALANT. JOINTS TO BE AT 20'0" CENTERS MAXIMUM.
8. WEATHER REQUIREMENTS:
A. HOT WEATHER PLACING: CONFORM TO ACI 305.
B. COLD WEATHER PLACING: CONFORM TO ACI 306.
9. CONCRETE TESTS: SHALL BE AUTHORIZED BY THE OWNER OR FRANCHISEE ON AN AS NEEDED BASIS.

DIVISION 4 - MASONRY

- SECTION 04200 - UNIT MASONRY
1. FURNISH ALL MASONRY UNITS IN THE SIZES AND SHAPES AS SHOWN ON THE DRAWINGS OR AS REQUIRED TO COMPLETE THE WORK.
2. CONCRETE MASONRY UNITS SHALL BE LIGHTWEIGHT GRADE N LOAD BEARING UNITS. TYPE II, CONFORMING TO ASTM C-90 (LATEST EDITION).
3. BRICK MASONRY UNITS (BRICK VENEER) SHALL BE ASTM C 218, GRADE SW, TYPE FBS.
A. FOR EASTERN STATES, BRICK SHALL BE "CREYSTONE MODULAR VELOUR WIRECUT", FACE BRICK AS MANUFACTURED BY CUNNINGHAM BRICK CO.
B. FOR WESTERN STATES, BRICK SHALL BE "ACME 630 BLEND 165", VELOUR MODULAR FACE BRICK AS MANUFACTURED BY "ACME BRICK COMPANY".
4. MORTAR MATERIALS:
A. CEMENT: SHALL BE MASONRY CEMENT TYPE S IN ACCORDANCE WITH ASTM C91.
B. SAND: RESCREENED, CLEAN, SHARP, WASHED MATERIALS, FREE FROM DELETERIOUS SUBSTANCES, CONFORMING TO ASTM C-144.
C. WATER: CLEAN, POTABLE WATER, FREE OF DELETERIOUS AMOUNTS OF ACID, ALKALIS OR ORGANIC MATERIALS.
D. ADMIXTURES: THE USE OF ANY ADMIXTURES OR ANTIFREEZES TO LOWER THE FREEZING POINT OF MORTARS IS PROHIBITED.
E. MORTAR COLOR SHALL MATCH EXISTING.
5. PROPORTIONS AND USE OF MORTAR: FOR ALL MASONRY, PROVIDE TYPE S MORTAR CONFORMING TO ASTM C-270, CURRENT EDITION. MINIMUM COMPRESSIVE STRENGTH OF MORTAR SHALL BE 1000 POUNDS PER SQUARE INCH AT 28 DAYS.
6. MASONRY VENEER ANCHORS SHALL BE CORRUGATED METAL TIES NOT LESS THAN 22 GAUGE AND NOT LESS THAN 7/8 INCH WIDE AND 7 INCHES LONG WITH ONE END CURVED FOR ATTACHMENT TO SUBSTRATE UNLESS OTHERWISE NOTED ON THE DRAWINGS. ANCHORS SHALL MEET ASTM A153, CLASS B2. ANCHORS SHALL BE SIZED TO EXTEND TO WITHIN 3/4 INCH OF FACE OF BRICK. USE ONE MASONRY ANCHOR FOR EACH 1.77 SF OF WALL, WITH HORIZONTAL AND VERTICAL SPACING NOT TO EXCEED 16 INCHES.
7. VINYL MASONRY FLASHING SHALL BE 20 MIL, PVC SHEET.
8. WEAP HOLES SHALL BE 24 INCHES ON CENTER AND BE FULL HEAD HEIGHT JOINT. KEEP CLEAR OF ALL MORTAR.
9. INSTALLATION:
A. LAY MASONRY IN RUNNING BOND, WITH FULL HEAD AND BED JOINTS (SEE DRAWINGS FOR SPECIAL COURSING AND DETAILS FOR BRICK WORK). LAY OUT SO THAT NOT LESS THAN 1/3 OF A UNIT IS EXPOSED AT CORNERS, OFFSETS, BUCKS, AND WINDOWS. ALL JOINTS SHALL BE OF UNIFORM WIDTH AND THICKNESS AND SHALL BE TOOLED WITH A GRAPEVINE JOINTER AFTER MODERATE SETTING, WHERE EXPOSED TO VIEW.
B. BRICK VENEER SHALL BE (MORTAR) POURED IN HORIZONTAL LIFTS AS INDICATED ON DRAWINGS AT ANCHORAGE ELEVATIONS.
10. CLEAN, ALL WORK THOROUGHLY FROM THE TOP DOWNWARD USING FIBER BRUSHES. REMOVE MORTAR STAINS WITH CLEANING COMPOUND, RINSING THOROUGHLY WITH WATER. ALL FINISHED SURFACES SHALL BE LEFT UNMARKED.
11. TOLERANCES FOR CONSTRUCTION:
A. BED JOINTS AND HEAD JOINTS SHALL BE NOMINAL 3/8" THICK WITH SLIGHT VARIATIONS ALLOWED (.5/16" TO 7/16") TO ADJUST COURSING AND TO AVOID CUTTING. STANDARD COURSING FOR BRICK: 3 BRICKS AND 3 MORTAR JOINTS WILL EQUAL 8 INCHES UNLESS OTHERWISE NOTED.
B. VARIATION FROM THE PLUMB IN THE LINES AND SURFACES OF COLUMNS, WALLS, AND ARCHES SHALL NOT EXCEED 1/8" IN 10' AND 3/8" IN A STORY HEIGHT OR 3/8" IN 20'-0" MAXIMUM VARIATION FROM PLUMB FOR EXTERNAL CORNERS, EXPANSION JOINTS AND OTHER CONSPICUOUS LINES, SHALL NOT EXCEED 1/4" IN ANY STORY OR 1/4" IN 20'-0" MAXIMUM.

- C. VARIATION FROM THE LEVEL OF THE GRADES INDICATED ON THE DRAWINGS FOR EXPOSED LINEETS, SILLS, PARAPETS, HORIZONTAL GROOVES, AND OTHER CONSPICUOUS LINES SHALL NOT EXCEED 1/4" IN ANY BAY OR MODULE OR 20'-0" (WHICHEVER DIMENSION IS THE LEAST) NOR 1/2" IN 40'-0" OR MORE.
D. VARIATION OF THE LINEAR BUILDING LINE FROM AN ESTABLISHED POSITION IN PLAN AND RELATED PORTION OF COLUMNS, WALLS, AND PARTITIONS SHALL NOT EXCEED 1/4" IN ANY BAY OR MODULE OR 20'-0" (WHICHEVER DIMENSION IS THE LEAST) NOR 3/4" IN 40'-0" OR MORE.
E. VARIATION IN CROSS-SECTIONAL DIMENSIONS OF COLUMNS AND THICKNESS OF WALLS SHALL NOT EXCEED MINUS 1/4", NOR PLUS 1/2" FROM THE DIMENSIONS INDICATED ON THE DRAWINGS.

DIVISION 5 - METALS

- SECTION 05400 - COLD FORMED METAL FRAMING
1. THIS WORK INCLUDES LOAD AND NON-LOAD BEARING FORMED STEEL STUD EXTERIOR WALL AND INTERIOR WALL FRAMING.
2. REFERENCES:
A. ASTM A60 - TEST METHOD FOR WEIGHT OF COATING ON ZINC-COATED (GALVANIZED) IRON OR STEEL ARTICLES.
B. ASTM A446 - STEEL SHEET, ZINC-COATED (GALVANIZED) BY HOT DIP PROCESS, PHYSICAL (STRUCTURAL) QUALITY.
C. ASTM A570 - HOT ROLLED CARBON STEEL SHEET AND STRIP. STRUCTURAL QUALITY.
D. ASTM A611 - STEEL, COLD ROLLED SHEET, CARBON, STRUCTURAL.
E. AWS (ASSOCIATION OF WALL AND CEILING INDUSTRIES) - SPECIFICATIONS GUIDE FOR COLD FORMED STEEL STRUCTURAL MEMBERS.
F. AWS D1.1 - STRUCTURAL WELDING CODE.
G. FA TT-P-645 - PRIMER, PAINT, ZINC CHROMATE, ALKYL TYPE.
3. SYSTEM DESCRIPTION
A. SIZE COMPONENTS TO WITHSTAND DESIGN LOADS AS SHOWN ON THE DRAWINGS. STUD SIZES, GABLES, AND SPACING SHOWN ARE THE MINIMUM STANDARDS.
B. MAXIMUM ALLOWABLE DEFLECTION 1/360 SPAN.
C. DESIGN A WALL SYSTEM TO PROVIDE FOR MOVEMENT OF COMPONENTS WITHOUT DAMAGE, FAILURE OF JOINT SEALS, UNDER STRESS ON FASTENERS, OR OTHER DETRIMENTAL EFFECTS WHEN SUBJECT TO SEASONAL OR CYCLIC DAY/NIGHT TEMPERATURE RANGES.
D. DESIGN SYSTEM TO ACCOMMODATE CONSTRUCTION TOLERANCES, DEFLECTION OF BUILDING STRUCTURAL MEMBERS, AND CLEARANCES OF INTENDED OPENINGS.
4. QUALITY ASSURANCE
A. MANUFACTURER: COMPANY SPECIALIZING IN STRUCTURAL FRAMING COMPONENTS WITH FIVE (5) YEARS MINIMUM EXPERIENCE.
B. CALCULATE STRUCTURAL PROPERTIES OF FRAMING MEMBERS IN ACCORDANCE WITH AWC REQUIREMENTS.
C. DESIGN STRUCTURAL ELEMENTS UNDER DIRECT SUPERVISION OF PROFESSIONAL ENGINEER EXPERIENCED IN DESIGN OF STRUCTURAL BUILDING MEMBERS, REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.
5. FRAMING MATERIALS
A. STUDS, HEADERS, AND TRACKS: ASTM A663-86 GRADE C SHEET STEEL, FORMED TO CHANNEL SHAPE, SOLID OR PUNCHED WEB, MINIMUM GAUGE AS SHOWN ON DRAWINGS, MINIMUM YIELD STRENGTH IS 33,000 POUNDS PER SQUARE INCH AND 50,000 POUNDS PER SQUARE INCH.
6. ACCESSORIES
A. BRACING, FURRING, BRACING: FORMED SHEET STEEL, THICKNESS DETERMINED FOR CONDITIONS ENCOUNTERED, MANUFACTURERS STANDARD SHAPES, SAME FINISH AS FRAMING MEMBERS.
B. PLATE, GUSSETS, CLIPS: FORMED SHEET STEEL, THICKNESS DETERMINED FOR CONDITIONS ENCOUNTERED, MANUFACTURERS STANDARD SHAPES, SAME FINISH AS FRAMING MEMBERS.
7. FASTENERS
A. SELF DRILLING, SELF-TAPPING SCREWS, BOLTS, NUTS AND WASHERS: ASTM A30, HOT DIP GALVANIZED.
B. ANCHORAGE DEVICES: POWER DRIVEN, POWER ACTUATED, DRILLED EXPANSION BOLTS, MINIMUM SIZE AND SPACING AS SHOWN ON DRAWINGS.
C. WELDING: IN CONFORMANCE WITH AWS D1.1.
8. FINISHES
A. GALVANIZING; G90 COATING CLASS.
B. PRIMER: FS TT-P-645, TOUCH UP FOR GALVANIZED SURFACES.
9. INSPECTION
A. VERIFY THAT SUBSTRATE SURFACES ARE READY TO RECEIVE WORK.
B. BEGINNING OF INSTALLATION MEANS ACCEPTANCE OF SUBSTRATE.
SECTION 05500 - METAL FABRICATIONS
1. FOR FABRICATION OF MISCELLANEOUS METAL WORK WHICH WILL BE EXPOSED TO VIEW, USE ONLY MATERIALS WHICH ARE SMOOTH AND FREE OF SURFACE BLEMISHES INCLUDING PITTING, SEAM MARKS, ROLLER MARKS, ROLLED TRADE MARKS AND ROUGHNESS.
2. ROLLED STEEL SHAPES, PLATES AND BARS SHALL CONFORM TO ASTM DESIGNATION A36 (LATEST EDITION) (36,000 PSI).
3. STANDARD BOLTS AND NUTS (FOR WOOD TO STEEL CONNECTIONS) SHALL CONFORM TO ASTM A307, (LATEST EDITION) GRADE A HEXAGONAL HEAD.
4. HIGH STRENGTH BOLTED CONNECTIONS SHALL CONFORM TO ASTM A-325.
5. WELDING SHALL BE PERFORMED WITH E70XX ELECTRODES BY A CERTIFIED WELDER. ALL WELDING SHALL CONFORM TO AWS D1, 1-90.
6. GALVANIZE FERROUS METAL EXPOSED TO EXTERIOR, OR CONCRETE (OTHER THAN REINFORCING STEEL) AND AS NOTED ON THE DRAWINGS. ALL UNITS GALVANIZED SHALL BE FABRICATED INTO THE LARGEST PRACTICABLE SECTION BEFORE GALVANIZING.
7. STEEL SHAPES, PLATES, BARS, AND OTHER ASSEMBLIES SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 (LATEST EDITION). SMALL STEEL SHAPES SHEET ARTICLES AND ROUGH HARDWARE SUCH AS BOLTS, NUTS, AND WASHERS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A388 (LATEST EDITION).
8. SHOP COAT FERROUS METAL WITH FABRICATOR'S STANDARD LEAD-FREE "UNIVERSAL" PRIMER; APPLY ON FIELD COAT OF PRIMER ON ALL ABRASD PARTS OF BUILT-IN FERROUS METALS AFTER INSTALLATION.
9. CORNER GUARDS SHALL BE 1 1/2 INCHES X 1 1/2 INCHES X 18 GAUGE STAINLESS STEEL, SATIN FINISH, IN VARIOUS LENGTHS, AS MANUFACTURED BY "FAB-X METAL, INC", SEE CORPORATE VENDOR LIST, SHEET 399 FOR CONTACT & ADDRESSES.
10. ERECTION OF STRUCTING:
A. INSTALL COMPONENTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
B. ALIGN FLOOR AND CEILING TRACKS; LOCATE TO WALL LAYOUT. SECURE IN PLACE WITH FASTENERS OR WELDING AT MAXIMUM 24 INCHES OR MAXIMUM SPACING AS SHOWN ON DRAWINGS.
C. PLACE STUDS AT MAXIMUM SPACING AS SHOWN ON DRAWINGS; NOT MORE THAN 2 INCHES FROM ABUTTING WALLS AND AT EACH SIDE OF OPENINGS. CORRECT STUDS TO TRACKS USING FASTENER METHOD.
D. ERECT LOAD BEARING STUDS ONE PIECE FULL LENGTH. SPLICING OF STUDS IS NOT PERMITTED.
E. ERECT LOAD BEARING STUDS, BRACE AND REINFORCE TO DEVELOP FULL STRENGTH TO MEET DESIGN REQUIREMENTS.
F. TRACKS SHALL BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE.

- G. COMPLETE UNIFORM AND LEVEL BEARING SUPPORT SHALL BE PROVIDED FOR THE BOTTOM TRACK.
H. AT TRACK BUTT JOINTS, ABUTTING PIECES OF TRACK SHALL BE SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT, OR THEY SHALL BE BUTT WELDED OR SPLICED TOGETHER.
I. STUDS SHALL BE PLUMBED, ALIGNED, AND SECURELY ATTACHED TO FLANGES OR WEBS OF BOTH UPPER AND LOWER TRACKS.
J. FRAMED WALL OPENING SHALL INCLUDE HEADERS AND SUPPORTING STUDS AS SHOWN ON THE DRAWINGS.
K. JACK STUDS SHALL BE INSTALLED BELOW WINDOW SILLS, ABOVE WINDOW AND DOOR HEADERS, AT FREE STANDING STAIR RAILES, AND ELSEWHERE TO FURNISH SUPPORT, AND SHALL BE SECURELY ATTACHED TO SUPPORTING MEMBERS.
L. TEMPORARY BRACING SHALL BE PROVIDED UNTIL ERECTION IS COMPLETE.
M. WALL STUD BRIDGING SHALL BE INSTALLED IN A MANNER TO PROVIDE RESISTANCE TO BOTH BEND AND ROTATION. BRIDGING ROWS SHALL BE EQUALLY SPACED NOT TO EXCEED 4'-0" ON CENTER.
N. PROVIDE STUD WALLS AT LOCATIONS INDICATED ON DRAWINGS AS "SHEAR WALLS" FOR WALL STABILITY AND LATERAL LOAD RESISTANCE. SUCH STUD WALLS SHALL BE BRACED AS INDICATED ON PLANS AND SPECIFICATIONS. ADDITIONAL STUDS SHALL BE POSITIONED TO RESIST THE VERTICAL COMPONENTS AS INDICATED ON DRAWINGS.
O. REFER TO DRAWINGS FOR LOCATIONS OF PARTITIONS EXTENDING TO CEILING UNITS, AND PARTITIONS EXTENDING THROUGH CEILING TO STRUCTURE ABOVE.
P. COORDINATE PLACEMENT OF INSULATION IN MULTIPLE STUD SPACES MADE INACCESSIBLE AFTER ERECTION.
Q. ATTACH CROSS STUDS TO STUDS FOR ATTACHMENT OF FIXTURES ANCHORED TO WALLS.
R. INSTALL FRAMING BETWEEN STUDS FOR ATTACHMENT OF MECHANICAL AND ELECTRICAL ITEMS, AND TO PREVENT STUD ROTATION.
S. TOUCH UP FIELD WELDS AND DAMAGED GALVANIZED SURFACES WITH PRIMER.

DIVISION 6 - WOOD AND PLASTIC

- SECTION 06100 - ROUGH CARPENTRY
1. LUMBER SHALL BE IDENTIFIED BY THE GRADE MAKE OF AN AGENCY CERTIFIED BY THE BOARD OF REVIEW OF THE AMERICAN LUMBER STANDARDS COMMITTEE AND MANUFACTURED IN ACCORDANCE WITH PRODUCT STANDARD F550-70, PUBLISHED BY THE UNITED STATES DEPARTMENT OF Commerce.
2. LUMBER SHALL BE 64S, SEASONED TO A MOISTURE CONTENT NO EXCEEDING 19 % AND MARKED "S-DRY".
3. PROVIDE LUMBER OF THE FOLLOWING PRODUCT CLASSIFICATIONS IN GRADE AND SPECIES INDICATED:
A. STUDS, PLATES, INTERIOR WALL PARTITIONS, SHEAR WALLS, BLOCKING:
1) NO. 2 SOUTHERN PINE
2) NO. 2 DOUGLAS FIR SOUTH
3) NO. 2 WESTERN HEMLOCK
4) NO. 2 SPRUCE
5) SPEC NO. 2 AND BETTER
4. PLYWOOD SHALL BEAR THE GRADE, TRADEMARK AND PANEL IDENTIFICATION SYSTEM OF THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL CONFORM TO THE REQUIREMENTS OF PSI US PRODUCT STANDARD FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD. PLYWOOD, WHICH HAS ONLY EDGE OR SURFACE PERMANENTLY EXPOSED TO THE WEATHER SHALL BE EXTERIOR GRADE, REGARDLESS OF APPEARANCE GRADE SPECIFIED.
5. GENERAL USE FRAMING NAILS SHALL BE HOT-DIPPED GALVANIZED MEDIUM DIAMOND POINT, FLAT HEAD COMMON NAILS.
6. FASTENERS FOR WOOD GROUND, BLOCKING, FURRING, ETC. SHALL BE METAL HARDENED STEEL NAILS, EXPANSION SCREWS, TOGGLE BOLTS, ETC.
7. PROVIDE BLOCKING OR FURRING FOR ANCHORING LIGHT FIXTURES, OUTLETS, EQUIPMENT SUPPORTS, MECHANICAL OPENINGS, ETC., AND AT ALL PANEL JOINTS. SEE PLANS FOR LOCATIONS OF SPECIAL BLOCKING.
8. FRAMING ANCHORS SHALL BE OF THE TYPE SPECIFIED HEREIN OR SHOWN ON PLANS. OF ZINC COATED STEEL BY SIMPSON STRONG TIE, KAMIT-SAB, TESCO, OR HEGMAN BUILDING PRODUCTS. SPECIAL FASTENERS ARE NOTED ON PLANS.

SECTION 06200 - FINISH CARPENTRY

- CABINERY WORK SHALL BE CONFORMED TO THE CUSTOM GRADE STANDARDS OF THE AMERICAN WOODWORKING INSTITUTE. CABINERY SHALL BE SUPPLIED AND INSTALLED BY THE FURNISHING AND EQUIPMENT CONTRACTOR.
2. INTERIOR WOOD TRIM SHALL BE WHITE PINE 10'-0" OR LONGER IN LENGTH. GRADE: (D) SELECT WHITE PINE. STOCK TO BE SQUARE EDED, TWO EDGES (CISE), SURFACED FOUR SIDES (S4S).
3. WORKMANSHIP:
A. NAIL HEADS IN EXPOSED WORK SHALL BE SET TO RECEIVE PUTTY. JOINTS SHALL BE TIGHT AND FORMED TO CONCEAL SHRINKAGE. DRILL PILOT HOLES IN HARDWOOD FINISH SUBJECT TO SPLITTING. RUNNING TRIM SHALL BE IN AS LONG A LENGTH AS POSSIBLE AND SHALL BE JOINTED ONLY AT SOLID BRACING.
B. CAREFULLY SCRIBE WOODWORK TO MASONRY AND OTHER ADJACENT SURFACES AND FURNISH SCRIBE MOLDS WHERE NECESSARY TO CONCEAL OPEN JOINTS. RUNNING TRIM SHALL BE IN LONG LENGTHS AND JOINTED ONLY WHERE SOLID FASTENINGS CAN BE MADE. IN ALL ITEMS WHICH A HOT SHOP ASSEMBLY, DISTRIBUTE TO THE BEST OVERALL ADVANTAGE THOSE DETAILS WHICH ARE ALLOWED IN THE GRADE OF MATERIAL SPECIFIED.
C. MILLWORK ITEMS SHALL BE OF THE BEST CUSTOMARILY DONE WORK OF THIS TYPE. THE INTENT IS THAT JOINTS BE NEATLY AND CAREFULLY MADE, SURFACES STRAIGHT AND CLEAN, WORK SANDED WITH GRAN, ALL MACHINE MARKS REMOVED BY SANDING. SHOP ASSEMBLED SURFACES SHALL BE GLED WHERE POSSIBLE AND SHALL BE GLED-BLOCKED AT CONCEALED LOCATIONS. ALL WORK SHALL CONFORM TO THE QUALITY STANDARDS OF THE AIA FOR CUSTOM GRADE.