

**DIVISION 6 – WOOD AND PLASTICS**

- 0602. ALL WOOD IN CONTACT WITH CONCRETE OR CONCRETE MASONRY SHALL BE PRESSURE TREATED OR PROTECTED WITH DECAY RESISTANT MATERIAL.
- 0603. BUILDING PAPER SHALL BE ASPHALT SATURATED FELT, 30-LB. NON PERFORATED. COMPLYING WITH ASTM D226.

**DIVISION 7 – THERMAL & MOISTURE PROTECTION**

- 0705. FLASHING SHALL BE FABRICATED FROM 26 GAUGE ZINC. WHERE FLASHING IS INSTALLED DIRECTLY ONTO CEMENTITIOUS OR WOOD SUBSTRATES, INSTALL A SLIP-SHEET OF RED ROSIN PAPER AND A COURSE OF 6 MIL POLYETHYLENE UNDERLAYMENT. ISOLATE ALUMINUM SURFACES FROM SURFACES OF DISSIMILAR METALS.
- 0707. ROOF INSULATION SHALL BE 12" BATT R-30.
- 0716. BACKING FOR SEALED JOINTS, WHERE BACKING IS REQUIRED, SHALL BE CLOSED CELL NEOPRENE ROOF DIAMETER REQUIRED TO FORM FRICTION SURFACE AT SIDES OF OPEN JOINT.

**DIVISION – DOORS & WINDOWS**

- 0814. HOLLOW METAL DOOR FRAMES SHALL BE PRIME QUALITY HOT-ROLLED SHEET CARBON STEEL, CS 242 OR 55 4, 16 GA. HOT-DIPPED GALVANIZED PRIOR TO FABRICATION, WITH BAKED-ON COAT OF GRAY SYNTHETIC PRIMER FURNISHED LABELED FRAMES AS REQUIRED. FRAMES SHALL BE SINGLE PIECE WITH CORNERS MITERED AND FULLY ELECTRIC-WELDED.
- 0815. HOLLOW METAL DOORS : 18 GA. GALVANIZED, COLD-ROLLED STRETCHER LABELED STEEL WITH BAKED-ON COAT OF GRAY SYNTHETIC PRIMER. STEEL-REINFORCED MINERAL ROCK WOOL OR FIBERGLASS CORE RESISTANT TO VERMIN, FUNGUS, BACTERIA, MOISTURE, MILDEW AND ROT.
- 0816. HOLLOW METAL DOOR FRAMES SHALL HAVE THREE ANCHORS MINIMUM PER JAMB, STANDARD DESIGN FOR WALL TYPE TO RECEIVE FRAME.
- 0817. HOLLOW METAL DOOR EDGES SHALL BE WELDED AROUND ENTIRE PERIMETER WITH NO SEAMS VISIBLE ON EDGES OR SURFACES OF DOORS. PROVIDE CONCEALED REINFORCEMENT FOR HARDWARE. DOORS SHALL BE FULLY PREPARED TO RECEIVE HARDWARE.
- 0818. METAL DOOR FRAMES SHALL RECEIVE RUBBER SILencers : (3) PER JAMB AND (2) AT HEAD OF EACH LEAF.
- 0820. SOLID CORE WOOD FLUSH DOORS SHALL BE PAINT GRADE BEACH OR BIRCH OF SOUND GRADE OR BETTER AND BE OF UNIFORM COLOR, WITHOUT DARK SPOTS OR STREAKS OR LARGE VARIATION IN GRAIN BETWEEN VENEERS, UNLESS MATCHED.
- 0821. WOOD DOORS SHALL BE STORED IN CLEAN, DRY SPACE. PROTECT FINISHED SURFACES FROM SOILING AND STAINING.
- 0822. WOOD DOORS SHALL BE GUARANTEED AGAINST WARPAGE FOR ONE YEAR. GLUE LINES AND MATERIALS SHALL BE GUARANTEED FOR TWO YEARS.
- 0824. BEFORE ANY HARDWARE IS PREPARED, SUBMIT TO THE ARCHITECT FOR APPROVAL A HARDWARE SCHEDULE SHOWING EACH DIFFERENT ITEM OF HARDWARE TO BE FURNISHED. SUBMIT FOUR COPIES. THIS PROVISION IS A CONTRACT REQUIREMENT.
- 0830. ALL LOCKS AND KEYS SHALL BE UNDER ONE MASTER KEY SYSTEM. CO-ORDINATE WITH OWNER.

**DIVISION 9 – FINISHES**

- 0903. PORTLAND CEMENT PLASTER APPLICATIONS SHALL CONFORM TO THE FOLLOWING : MATERIALS SHALL CONSIST OF ASTM C150 TYPE I PORTLAND CEMENT, ASTM C206 MASONRY SAND, ASTM C 927 LIME, ASTM C 897 MANUFACTURED OR NATURAL SAND, MASONRY SAND CONFORM TO ASTM C 926. BONDING AGENT SHALL COMPLY WITH ASTM C 932.
- 0904. TWO-COAT CEMENT PLASTER SHALL BE APPLIED OVER CONCRETE MASONRY UNITS AND CONCRETE AND HAVE 5/8" TOTAL THICKNESS. THREE-COAT CEMENT PLASTER SHALL BE APPLIED OVER 30# FELT-BACKED GALVANIZED 3.4 LB. DIAMOND MESH METAL LATH. PROVIDE ACCESSORIES AS SPECIFIED HEREIN, AND INSTALL IN ACCORDANCE WITH ASTM C926. PROVIDE CASING BEADS AT TERMINATION OF PLASTER WORK. INSTALL PLASTER EXPANSION JOINTS TO COINCIDE WITH ARCHITECTURAL FEATURES AND AS INDICATED ON DRAWINGS.
- 0906. ALL CEMENT PLASTER ON MASONRY OR LATH SHALL BE INSTALLED WITH THE FOLLOWING ACCESSORIES :  
CORNER BEAD  
CASING BEAD  
EXPANSION JOINT  
CONTROL JOINTS  
OTHER ACCESSORIES WHICH MAY BE APPROPRIATE OR REQUIRED.

- 0930. ALL INTERIOR GYPSUM WALLBOARD UNLESS NOTED SHALL RECEIVE TWO COATS VINYL-ACRYLIC LATEX OVER MANUFACTURER'S RECOMMENDED PRIMER OVER LIGHT ORANGE PEEL TEXTURE. PROVIDE SEMI-GLOSS SHEEN.
- 0931. ALL INTERIOR WOOD SURFACES TO RECEIVE PAINTED FINISH SHALL BE FINISHED WITH TWO COATS OF VINYL-ACRYLIC LATEX SEMI-GLOSS ENAMEL OVER MANUFACTURER'S RECOMMENDED PRIMER.
- 0932. INTERIOR CONCRETE MASONRY TO BE PAINTED SHALL RECEIVE TWO COATS SEMI-GLOSS SHEEN VINYL-ACRYLIC LATEX OVER VINYL-ACRYLIC LATEX BLOCK SEALER.
- 0934. CEMENT PLASTER SHALL BE PAINTED WITH 100 PERCENT ACRYLIC LATEX (2 COATS) OVER MANUFACTURER'S RECOMMENDED PRIMER/SEALER SEMI-GLOSS SHEEN.
- 0936. PAINT GALVANIZED METAL SURFACES WITH ONE COAT OF PRIMER AS RECOMMENDED BY MANUFACTURER AND TWO COATS OF ACRYLIC-VINYL SEMI-GLOSS LATEX ENAMEL.
- 0937. PREPARE ALUMINUM SURFACES TO BE PAINTED WITH THINNER AND METAL PRIMER AND TWO COATS OF 100% ACRYLIC EXTERIOR ENAMEL.

- 0938. ALL SURFACES TO BE PAINTED SHALL BE IN PROPER CONDITION TO RECEIVE FINISH. PRIOR TO PAINTING, REMOVE OR AMPLY PROTECT HARDWARE, ACCESSORIES, PLATES, LIGHTING FIXTURES, AND SIMILAR ITEMS. REINSTALL THESE ITEMS WHEN WHEN PAINTING IS COMPLETE. IF NECESSARY, REMOVE AND REPLACE DOORS TO PAINT TOP & BOTTOM DOOR EDGES.
- 0939. PRIOR TO PAINTING, CONCRETE AND MASONRY SURFACES TO RECEIVE PAINT SHALL BE WIREBRUSHED CLEAN, SURFACES WHICH ARE HIGHLY GLAZED OR WHERE TRACES OF FORM OIL OR PARTING COMPOUND ARE PRESENT SHALL BE TREATED WITH ACID DETERGENT CONCENTRATE.
- 0940. WOOD SURFACES SCHEDULED TO RECEIVE PAINT OR STAIN SHALL BE IN PROPER CONDITION TO RECEIVE FINISH. WOODWORK SHALL BE HAND SANDPAPERED AND DUSTED CLEAN. ALL KNOT HOLES, PIPOH POCKETS, OR SHARP PORTIONS SHALL BE REPAIRED WITH KNOT SEALER. IN ALL HOLES, CRACKS, OR DEFECTS SHALL BE COATED WITH AN OIL-BASED SEALER. ALL SURFACES TO RECEIVE PAINT OR STAIN OR PAINT INTERIOR WOODWORK FINISHES SHALL BE Sanded BETWEEN COATS.
- 0941. REMOVE GREASE, RUST SCALE, AND DUST AND TOUCH UP CHIPPED OR ABRADED PLACES ON STEEL OR IRON ITEMS THAT HAVE BEEN SHOP PRIMED OR COATED.
- 0942. UNPRIMED GALVANIZED METAL TO BE PAINTED SHALL BE WASHED WITH A SOLUTION OF CHEMICAL PHOSPHORIC METAL ETCH AND ALLOWED TO DRY PRIOR TO PAINTING.
- 0944. PAINT SHALL BE APPLIED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS FOR EACH TYPE OF PAINT AND APPLICATION.

**DIVISION 10 – SPECIALTIES**

- 1001. MINIMUM 6" ADDRESS NUMBERS SHALL BE DISPLAYED ON BUILDING IN CONTRASTING COLORS. (FIELD VERIFY WITH OWNER).
- 1004. PROVIDE WALL MOUNTED, DRY CHEMICAL TYPE, ABC RATED, 10 LB. CAPACITY FIRE EXTINGUISHERS WITH PRESSURE GAUGES. FIRE EXTINGUISHERS SHALL BE BRACKET MOUNTED.

**DIVISION 15 – MECHANICAL**

- 1501. PLUMBING CONTRACTOR SHALL COORDINATE LOCATION OF ALL UNDERGROUND LINES WITH OTHER APPLICABLE TRADES.
- 1502. BRANCH WATER LINES TO ALL FIXTURE GROUPS WITH 1/2" FINAL CONNECTION AT EACH FIXTURE.
- 1503. PLUMBING PLAN IS SCHEMATIC AND SHALL NOT BE LIMITED TO ITEMS SHOWN. ALL MATERIALS AND LABOR REQUIRED TO PROVIDE A COMPLETE WATER AND SEWER SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES SHALL BE SUPPLIED AND INSTALLED.
- 1504. MATERIALS FOR DOMESTIC WATER PIPING AND FITTINGS SHALL BE TYPE "1" COPPER ABOVE GROUND, TYPE "1" COPPER BELOW GROUND, AND TYPE "1" COPPER FOR HOT WATER PIPING.
- 1505. COPPER PIPING PASSING THROUGH CONCRETE SLABS SHALL BE PROTECTED BY A WRAP OF AT LEAST THREE LAYERS OF 30# ROOFING FELT OR COVERED WITH A PLASTIC TUBE.
- 1506. DOMESTIC WATER SYSTEM PIPING SHALL BE DISCONNECTED PER FLORIDA BOARD OF HEALTH AND OTHER REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- 1507. WATER HEATERS SHALL HAVE DRAIN PAN AND BLOW OFF LINE TO EXTERIOR.
- 1508. ALL EXPOSED HOT WATER LINES SHALL BE INSULATED WITH "ARMAFLEX".
- 1509. UNDERGROUND WATER AND SEWER PIPING SHALL BE SEPARATED BY NOT LESS THAN 10 FEET HORIZONTALLY IF WATER PIPING IS INSTALLED AT THE SAME LEVEL OR LOWER THAN SEWER PIPING, WHERE WATER PIPING IS CLOSER THAN 10 FEET TO SEWER LINE. THE BOTTOM OF THE WATER PIPE SHALL BE PLACED 12 INCHES ABOVE THE TOP OF THE SEWER PIPE.
- 1510. ALL PVC LINES SHALL BE SCHEDULE 40, CONFORMING TO ASTM D-1784-60T, AND MAY BE USED FOR SANITARY SEWERS, STORM DRAINAGE, AND FOR DOMESTIC WATER LINES OUTSIDE OF BUILDING LIMITS.
- 1511. JOINTS IN PVC PIPING SHALL BE JOINED WITH SOLVENT CEMENT PER ASTM D-2235.
- 1512. ALL JOINTS AND CONNECTIONS SHALL BE MADE PERMANENTLY AIR AND WATER TIGHT.
- 1513. PROVIDE CHROMIUM PLATED BRASS ESCUTCHEONS AT EACH LOCATION THAT A PIPE PASSES THROUGH A FINISHED SURFACE.
- 1514. FURNISH AND INSTALL SLEEVES AT ALL LOCATIONS WHERE PIPES PASS THROUGH WALLS AND PARTITIONS. SLEEVES SHALL BE PROPERLY SET IN WALLS AND BE 3/4" LARGER IN INSIDE DIAMETER THAN THE PASSING THROUGH LENGTH. SLEEVES SHALL BE INSTALLED WITH AN OVERLAP OF 2" OVER THE WALLS. SLEEVES SHALL BE FILLED WITH POLYURETHANE SEALANT (PRC-5000 BY PRODUCT RESEARCH AND CHEMICAL COMPANY).
- 1515. ALL TRAPS SHALL BE SELF-CLEANING AND SHALL NOT DEPEND ON MOVABLE PARTS OR CONCEALED INTERIOR PARTITIONS TO MAINTAIN SEAL.
- 1516. PLACE CLEANOUTS 50 FEET APART, MAXIMUM INTERIOR HORIZONTAL RUN, AND 75 FEET APART, MAXIMUM EXTERIOR RUN. WEAATHER OR NOT SUCH IS SHOWN ON DRAWINGS. CLEANOUTS SHALL BE EASILY ACCESSIBLE, FLUSH WITH FLOOR FINISH, AND SUITED TO HEAVY TRAFFIC.
- 1517. ALL VENT AND BRANCH VENT PIPING SHALL BE FREE OF DROPS AND SAGS, AND SHALL BE GRADED AND CONNECTED SO AS TO DRIP BACK TO THE VENTED SOIL OR WASTE LINES BY GRAVITY.
- 1518. PROVIDE APPROVED, APPROPRIATELY SIZED VACUUM BREAKER AND GATE VALVE AT DOMESTIC WATER SERVICE ENTRANCE.
- 1519. PROVIDE KEYED HOSE BIBB AND VACUUM BREAKERS AT ALL LOCATIONS MARKED ON DRAWINGS.

**DIVISION 16 – ELECTRICAL**

- 1605. ALL ELECTRICAL SYSTEMS SHALL BE INSTALLED COMPLETE WITH ALL COMPONENTS.
- 1606. ALL WIRING AND GROUNDING SHALL BE COPPER.
- 1607. CONTRACTOR SHALL SUBMIT WRITTEN REQUEST FOR EXTENSION OF ELECTRICAL SERVICE TO FLORIDA POWER AND LIGHT.
- 1608. ALL SERVICE EQUIPMENT SHALL BE APPROVED BY POWER COMPANY.
- 1609. CONTRACTOR SHALL OBTAIN ALL INSPECTIONS AS REQUIRED.
- 1610. ALL EQUIPMENT SHALL BE NEW UNLESS OTHERWISE INDICATED.
- 1611. OUTLET BOXES SHALL BE 4" OCTAGONAL OR SQUARE GALVANIZED.

- 1613. WIRING DEVICES : SWITCHES : LEVITON # 5501 SERIES RECEPTACLES : LEVITON # 1215 BACKLITE PLATES : COLOR AS SELECTED BY OWNER
- 1615. PROVIDE PULL WIRE IN ALL EMPTY CONDUITS.
- 1618. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL A BONDED ELECTRODE IN ALL NEW CONCRETE FOUNDATIONS. ELECTRODE SHALL BE BONDED WITH ALL OTHER BUILDING ELECTRODES TO FORM A COMPLETE GROUNDING ELECTRODE SYSTEM.
- 1621. ALL EQUIPMENT SHALL BE SIZED FOR PROPER AMPERAGE AND INTERRUPTING RATINGS.
- 1623. ALL WORK AND MATERIAL SHALL BE IN ACCORDANCE WITH LATEST EDITION OF NATIONAL ELECTRICAL CODE AS AMENDED BY LOCAL ORDINANCES AND AUTHORITIES HAVING JURISDICTION.
- 1624. PROVIDE SHOP DRAWINGS FOR ALL FIXTURES, SERVICES, EQUIPMENT AND PANELBOARDS REQUIRED.
- 1629. ALL EXIT LIGHTS AND EMERGENCY LIGHTING UNITS SHALL BE EQUIPPED WITH EMERGENCY POWER IN ACCORDANCE WITH NFPA 70 (NATIONAL ELECTRICAL CODE, & ALL APPLICABLE LOCAL CODES AND ORDINANCES). FIRE ALARM SYSTEM SHALL MEET ALL REQUIREMENTS OUTLINED IN NFPA 70.

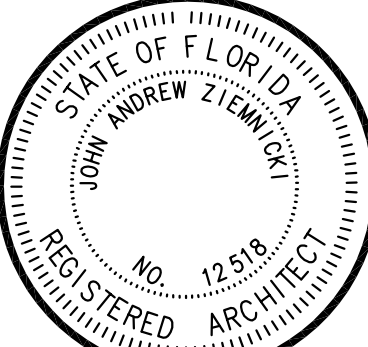


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NEW BUILDING FOR:  
**CONSTANTINE CHIROPRACTIC**  
312 7TH STREET WEST  
PALMETTO, FLORIDA



Job No. 13-19  
Date 4-28-14  
Sheet No.  
**SP-2**  
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