# **GENERAL NOTES AND SPECIFICATIONS**

## **ELECTRICAL NOTES:**

- 1. ALL NEW WIRE SHALL HAVE THWN COPPER UNLESS OTHERWISE NOTED. 2. WHERE REQUIRED BY CODES, SERVICE AND FEEDER CONDUCTORS SHALL BE COPPER OF
- EQUAL AMPACITY. 3. VERIFY ALL CONDUCTORS AND BREAKERS WITH EQUIPMENT MANUFACTURERS
- SPECIFICATIONS. 4. PROVIDE DISCONNECT SWITCH OF SIZE AS REQUIRED BY LOAD AND UNITS. 5. PROVIDE NON-FUSEIBLE GENERAL DUTY SAFTY SWITCHES AT AIR CONDITIONING EQUIPMENT AND AT PUMPS NOT VISIBLE FROM CIRCUIT BREAKER PANEL AND AS PER MANUFACTURER'S
- RECOMMENDATIONS. 6. PROVIDE GFI BREAKERS FOR ALL BATHROOMS AND EXTERIOR OUTLETS AS SHOWN ON PLANS. 7. ELECTRICAL FIXTURES TRIM AND APPLIANCES SHALL BE 'UL' APPROVED AND AS SELECTED BY OWNER.
- 8. PROVIDE PRE-WIRED TELEPHONE OUTLETS AND TV OUTLETS AS SHOWN ON PLANS.
- 9. TYPICAL CIRCUITS SHALL HAVE NO MORE THAN (6) DUPLEX RECEPTICALS ON EACH CIRCUIT. 10. ALL RECEPTICALS AT COUNTERS SHALL BE GFI PROTECTED.
- 11. ALL CLOSET LIGHTING SHALL COMPLY WITH SEC. 410.8
- 12. SMOKE DETECTORS SHALL BE HARD WIRED AND HAVE SELF CONTAINED BATTERY BACK-UP AND SHALL BE WIRED IN TANDEM SO ALL DETECTORS SOUND SIMULTANEOUSLY. 13. ALL BRANCH CIRCUITS THAT SUPPLY 125V, 20A RECEPTICALE AND LIGHTING OUTLETS IN
- CLASSROOMS SHALL BE PROTECTED BY ARC-FAULT CIRCUIT INTERRUPTERS. 14. ALL SWITCH PLATES TO BE INSTALLED AT 46"A.F.F. UNLESS OTHERWISE NOTED.
- 15. ELECTRICAL PANEL TO HAVE CHILDPROOF DOOR ACCESS.

## **PLUMBING NOTES:**

- 1. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS, AND EQUIPTMENT TO INSTALL A COMPLETE AND OPERATING SYSTEM.
- 2. THE PLUMBING CONTRACTOR IS TO PROVIDE ALL REQUIRED PERMITS AS PART OF HIS BID. 3. THE PLUMBING CONTRACTOR SHALL PROVIDE A WRITTEN WARRANTY THAT SHALL
- GUARANTEE ALL WORKMENSHIP AND MATERIALS FOR ONE YEAR FROM THE DATE OF FINAL WORK ACCEPTANCE. 4. THE PLUMBING CONTRACTOR SHALL INSTALL HOT AND COLD WATER SYSTEMS (3/4" COPPER
- PIPES) INITIAL BRANCH, AND VERIFY EXISTING CONNECTIONS AND SIZES OF SANITARY (SEE PLUMBING RISER DIAGRAM), AND WATER PIPES. 5. INSTALLATION SHALL BE IN COMPLIANCE WITH LOCAL, STATE, NATIONAL AND FLORIDA
- ENERGY CODES. 6. FURNISH AND INSTALL PLUMBING FIXTURES AS SCHEDULED ON DRAWINGS OR AS PER
- OWNER'S REQUEST. 7. FURNISH AND INSTALL CLEANOUTS IN SANITARY LINES WHEREVER REQUIRED BY CODE WITH FLUSH TYPE PLUGS AT THE BASE OF EACH SOIL STACK. CLEANOUTS SHALL BE NOMINAL SIZES AS THE PIPES INTO WHICH THEY ARE INSTALLED.
- 8. WATER PIPES SHALL BE OF TYPE 'L' COPPER FOR PIPING ABOVE GROUND ANY TYPE 'K' FOR PIPING BELOW GROUND WITH WROUGHT SOLDER FITTINGS.
- 9. HOT WAER PIPES ABOVE AND BELOW GROUND SHALL BE INSULATED WITH ONE ½" ARMAFLEX AND TERMINATED 6" ABOVE GRADE IN PERMEABLE AREA OUTSIDE OF THE BUILDING.
- 10. EACH CONDENSATE DRAIN PIPE SHALL BE A MINIMUM OF 3/4" PVC (SCHEDULE 40) WITH TRAPS, INSULATED WITH 1/2" ARMAFLEX AND TERMINATED 6" ABOVE GRADE IN PERMIABLE AREA OUTSIDE OF THE BUILDING. DO NOT TERMINATE CONDENSATE DRAIN PIPES ON CONCRETE FLOOR.
- 11. LOCATIONS WHERE PIPES PENETRATE WALLS, CEILINGS, AND FLOORS SHALL BE WATERTIGHT. 12. WRAP ALL RISERS WITH APPROVED EXPANDING SEALANT AT PENETRATION OF SLAB.
- 13. SANITARY PIPES SHALL BE PVC (SCHEDULE 40) APPROVED BY FLORIDA BUILDING OFFICAL HAVING JURISDICTION.
- 14. WASTE AND VENT SANITARY PIPING SHALL SLOPE ¼" PER FOOT FOR PIPES SMALLER THAN 3" AND SLOPE 1/8" FOR OTHERS.
- 15. WATER PIPING SHALL BE SUBJECT TO HYDROSTATIC PRESSURE TEST OF 100PSI FOR A MINIMUM OF ONE HOUR ANY LEAKS DETECTED TO BE RE-SOLDERED. 16. SANITARY PIPING SHALL BE FILLED WITH FIVE (5) FOOT HEAD OF WATER AND SHALL STAND
- UNTIL THE INSPECTION IS MADE. CORRECT ANY DEFECTS DETECTED BY TEST. 17. ALL BACK FILL AND EXCAVATION AS REQUIRED SHALL BE PART OF THIS CONTRACT.

## **FIRE PROTECTION NOTES:**

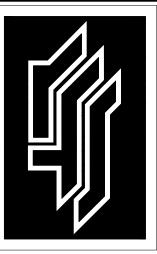
- 1. FIRE DEPARTMENT SHALL BE NOTIFIED PRIOR TO SHUTTING DOWN ANY FIRE PROTECTION SYSTEM, AND NOTIFIED AGAIN WHEN THE SYSTEM IS RETURNED TO NORMAL OPERATION.
- 2. EXISTING FIRE PROTECTION SYSTEM SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING ALTERATIONS.

## **INTERIOR FINISH COMMON AREAS:**

- 1. ALL CORNER BEADS TO BE HOT DIPPED GALVANIZED METAL. 2. COORDINATE ALL COMMON AREA FINISHES WITH OWNER/INTERIOR DESIGN DRAWINGS.
- 3. CARPETS TO BE NON-ALERGENIC 4. ALL MATERIALS TO BE CLASS 'A' FLAME SPREAD RATED.

## **KITCHEN/BATH NOTES:**

- 1. PAINT ALL DRYWALL SURFACES AT KITCHEN AND BATH WALLS WITH SATIN FINISH LATEX
- ENAMEL. CLASSROOMS TO BE WASHABLE. 2. SHOWER WALLS TO HAVE SAME MATERIAL AS FLOORS TO BE INSTALLED UP TO 6'-8" ABOVE
- FINISHED FLOOR. 3. ALL CABINETS TO BE EUROPEAN STYLE WITH CONCEALED HINGES AND FULL FLUSH DOORS
- AND DRAWERS OR AS DIRECTED BY OWNER.
- 4. ALL CABINET HARDWARE TO BE SELECTED BY OWNER. 5. HALF SHELVES SHALL BE PLACED IN ALL BASE CABINETS WITH THE EXCEPTION OF SINK BASE WHICH SHALL NOT RECEIVE A SHELF. 6. 42" UPPER CABINETS SHALL RECEIVE THREE ADJUSTABLE SHELVES.
- 7. INSTALL ALL CABINETS WITH WHITE MICA TOE KICKS, CAULK JOINT BEWEEN CABINET AND FLOOR WITH WHITE SILICONE CAULKING.
- 8. KITCHENS SHALL RECEIVE FULL 4" BACKSPLASH PROVIDE WHITE VINYL STRIP AT JONT BETWEEN BACKSPLASHES AND COUNTERTOPS. CAULK TOPS OF ALL BACKSPLASHES WITH WHITE SILICONE CAULKING.
- 9. ALL COUNTERTOPS TO BE PLASTIC LAMINATE. 10. INSTALL SOLID WOOD FIRE RESISTANT BACKING IN WALLS FOR FASTENING CABINETS, TOWEL AND GRAB BARS.
- 11. TOWEL BARS TO BE DETERMINED BY OWNER/INTERIOR DESIGNER 12. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF CABINETS.
- 13. KITCHEN BASE CABINETS ARE 24" DEEP.
- 14. DUROCK BOARD TO BE USED AT SHOWER AREAS.

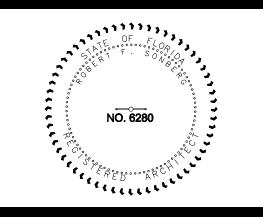


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## PROVIDENCE CHILDREN'S ACADEMY

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TOM & DONNA MORGAN

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