SECTION 12 35 54 – METAL LABORATORY CASEWORK

PART 1 – GENERAL

Provide metal laboratory casework in areas of high abuse, special environmental conditions concerning high moisture or chemical resistance or other special conditions indicating durability and imperviousness. Metal sink bases to be used in cold rooms.

PART 2 – PRODUCTS

Casework and work surfaces shall pass the applicable minimum design load tests published in SEFA. Provide laboratory casework manufactured by one of the following:

Fisher Hamilton Scientific, Inc. 414-793-1121

Bedcolab Ltd. 514-384-2820

Mott Manufacturing Limited 519-752-7825

Kewaunee Scientific Equipment Corporation 704-873-7202

Valley City Manufacturing, Toronto, Canada

Basis of Design shall be Fisher Hamilton Scientific “Acclaim” line of steel flush overlay floor mounted lab cabinetry. Submit supporting information for manufacturers other than Fisher Hamilton.

Countertops and backsplashes in laboratories shall be one inch trespa bench tops. This is preferred at all laboratories using chemicals and required in laboratories with Biohazard Levels 2 & 3. In general, bench tops shall be impervious to water and resistant to acids, alkalis, organic solvents and moderate heat. One inch epoxy resin tops shall be by exception only.

Laboratory casework and furniture shall be positioned to facilitate cleaning and disinfection of casework as well as surfaces around/between casework. Provide removable panel and fillers as required.

Wall cabinets shall have a continuous front plane to the ceiling to extent possible. This will aid in housekeeping. Open shelves shall have seismic restraints at front edge of shelf and sides if exposed. Provide number of shelves as determined by design. Provide locks as requested by end user.

Reference WUSM Safety Policies and Procedures and the WUSM Department of Environmental Health and Safety regarding further requirements for specific laboratory types.

PART 3 – EXECUTION

END OF SECTION