

SECTION C1000tg – TECHNICAL GUIDE**INTERIOR CONSTRUCTION SYSTEMS**

06/02

PART 1 - GENERAL**1.1 SYSTEM DESCRIPTION**

Provide all floor, wall and ceiling finishes per drawing schedules or as otherwise described herein or in the Request for Proposals.

1.2 SYSTEM CRITERIA

- a. Conform to acoustical criteria stated in MIL-HDBK-1034.
- b. Where possible, use recycled content materials that are durable and have low VOC emissions. Gypsum wallboard shall contain 100% recycled paper for face and back.
- c. Design non-load bearing and/or light gage steel framing in accordance with AISI SG 673.
- d. Door hardware shall be products meeting the standards of the Builders Hardware Manufacturers Association (BHMA) as approved by the American National Standards Institute (ANSI). Governing standards shall be ANSI/BHMA A156.1 through A156.21. Provide keyway and lockset cylinders to match existing keys and locks systems at the Activity. Provide "restricted" keyway where required by the local Activity Public Works Officer.
- e. Interior doors shall conform to NWWDA I.S.1-A
- f. Millwork must meet requirements of ASTM D2583, ANSI/KCMA A161.1 and NEMA LD 3.1

PART 2 - SYSTEM COMPONENTS**2.1 INTERIOR PARTITIONS (C1010)**

- a. INTERIOR FIXED PARTITIONS
 1. For general use, metal studs and standard grade GWB, CMU with prime filler coat, or CMU with GWB or skim coat plaster are acceptable as shown in a Finish Schedule or as specified elsewhere herein. Reinforce points where doorknobs can strike a wall.
 2. Provide control joints and installation techniques recommended by the manufacturer.
 3. Provide painted GWB with access panels at surfaces furred for HVAC plumbing and other utility services.
 4. Acceptable systems where "IMPACT" is designated in the Finish Schedule or as specified elsewhere herein or in the Request for Proposals for impact resistance include:
 - a) CMU with impact resistant GWB or skim coat of cement plaster applied to the surface.
 - b) GWB/metal stud system reinforced for impact resistance with cleanable surface treatment system resistant to denting and puncturing.

b. INTERIOR GLAZED VIEWING PARTITIONS

Use hollow metal steel frames. Secure the glass with applied stops.

2.2 INTERIOR DOORS (C1020)

a. Hollow metal with minimum 18 ga door faces, with 16 ga minimum welded steel frames, or solid core with wood edge bands.

b. Provide hollow metal frames and hardware keying compatible with the existing base-wide keying system. "Knock down" frames are not permitted. Hardware selection and schedule shall be prepared and signed by a Certified Architectural Hardware Consultant (AHC). Corridor locksets shall be Grade 1, Series 4000, bored type. Replacement interchangeable cores shall be compatible with the Best Lock system.

2.3 INTERIOR SPECIALTIES (C1030)

a. VISUAL DISPLAY BOARDS

(1). At each classroom and conference room include wall mounted, framed, coated metal surfaced marker boards with integral marker trough.

(2). At each classroom and conference room include a wall mounted framed surface for front projection.

(3). Provide bulletin boards where specified in the Request for Proposals.]

b. TOILET COMPARTMENTS

(1). Provide baked enamel, enameled steel, stainless steel or solid plastic, floor mounted, floor supported, ceiling hung, overhead braced or overhead braced-alcove, toilet compartments at multi- fixture toilet rooms.

(2). USE OF RECOVERED MATERIALS FOR TOILET PARTITIONS:

Steel toilet partitions shall have a recovered materials content of 20-30 percent in accordance with the Environmental Protection Agency (EPA) recommendations. Plastic toilet partitions shall have a recovered materials content of 20-100 percent in accordance with the Environmental Protection Agency (EPA) recommendations.

c. SIGNAGE

Use 3 mm thick acrylic with engraved recessed characters meeting ADA requirements.

d. METAL LOCKERS

Provide enameled steel clothing lockers conforming to FS AA-L-00486 (Rev. J), for single tier units.

e. ACCORDIAN FOLDING PARTITIONS

Provide vinyl-clad, pantograph frame acoustical accordion folding partitions and support structure as indicated.

f. MILLWORK

Provide concealed heavy steel mounting plates for wall-mounted accessories.

PART 3

Not Used.

--END OF SECTION--