

SECTION 15411

PLASTIC BATHTUBS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Cast plastic bathtubs.

1.2 RELATED SECTIONS

- A. Section 07900 - Joint Sealers.
- B. Section \_\_\_\_\_ - \_\_\_\_\_: Bathtub faucets and drain fittings.
- C. Section 10800 - Toilet, Bath, and Laundry Accessories: Grab bars.

1.3 REFERENCES

- A. ANSI Z124.1 - American National Standard Specification for Plastic Bathtub Units; including addendum 1a and 1b.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Shop Drawings: Detail drawings of fixtures, including plumbing rough-in dimensions.
- C. Selection Samples: Two color cards showing manufacturer's full range of colors and patterns.
- D. Verification Samples: Small size sample of actual color and pattern selected.
- E. Manufacturer's certification that products to be provided comply with applicable building and plumbing codes.
- F. Manufacturer's printed installation instructions.
- G. Manufacturer's printed maintenance and care instructions.

1.5 QUALITY ASSURANCE

- A. Comply with requirements of \_\_\_\_\_ code, for \_\_\_\_\_; provide \_\_\_\_\_ showing compliance.
- B. Provide products certified by the National Association of Home Builders (NAHB) Research Center.

## 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Ship and deliver bathtubs in sturdy crates, wrapped with tear resistant paper or plastic to avoid scratching.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Provide products made by manufacturer who uses molds made by Gruber Systems, Inc., 25636 Avenue Stanford, Valencia, CA 91355; Tel: (805) 257-4060; Fax: (805) 257-4791.
- B. Provide products made by manufacturer who participates in the NAHB Certification and follow-up service.
- C. Provide products made by one of the following:
  - 1. \_\_\_\_\_.
  - 2. \_\_\_\_\_.
  - 3. \_\_\_\_\_.
- D. Substitutions will not be permitted.

### 2.2 BATHTUBS

- A. Bathtubs: Solid plastic, made of polyester resin and inert fillers, with polyester gel coat surface, gravity molded in inner and outer molds; complying with ANSI Z124.1 and addenda.
  - 1. Gel coat thickness: 0.017 to 0.020 inch, minimum.
  - 2. Fixture wall thickness: 1/2 inch, minimum.
  - 3. Color: As selected from manufacturer's standard range.
  - 4. Color: \_\_\_\_\_.
  - 5. Color: As indicated for each type.
  - 6. Filler: Manufacturer's standard.
  - 7. Filler: Gruber Granatex, providing "granite"-like appearance; color as selected from Gruber's full range.
  - 8. Shape(s): As indicated below, made by using Gruber Systems, Inc. molds; mold numbers noted as "MK \_\_\_."

### 2.3 BATHTUBS - SELF-RIMMING

- A. Bathtub BT-\_\_\_: Gruber MK 40; oblong contour tub with 1-3/4 inch deep self rim, armrests, single backrest, shaped seat and footrests, textured patterned bottom, drain hole at end.
  - 1. Overall size: 68 inches by 42 inches.
  - 2. Inside tub bottom dimensions: 41-1/2 inches by 21 inches wide at seat.

3. Depth: 19-1/4 inches from rough floor to bottom of rim.
- B. Bathtub BT-\_\_\_: Gruber MK 29; elliptical tub with 1-3/4 inch deep raised self rim, single backrest, textured patterned bottom, drain hole at end.
1. Overall size: 70 inches by 42 inches.
  2. Inside tub bottom dimensions: 48 inches by 29 inches.
  3. Depth: 19-1/4 inches from rough floor to bottom of rim.
- C. Bathtub BT-\_\_\_: Gruber MK 51; symmetrically-shaped contour tub, rectangular deck with 2-3/4 inch deep self rim, two armrests, two backrests, stipple textured bottom, drain hole at front center.
1. Overall deck size: 72 inches by 48 inches.
  2. Inside tub bottom dimensions: 42 inches by 29 inches.
  3. Depth: 19-1/4 inches from rough floor to bottom of rim.
- D. Bathtub BT-\_\_\_: Gruber MK 42; elliptical tub with 2 inch deep self rim, two backrests with pillow depression, textured patterned bottom, drain hole at front center.
1. Overall size: 72 inches by 48 inches.
  2. Inside tub bottom dimensions: 46 inches by 30 inches.
  3. Depth: 19-3/4 inches from rough floor to bottom of rim.

#### 2.4 BATHTUBS - CONTOURED WITHOUT ARMRESTS

- A. Bathtub BT-\_\_\_: Gruber MK 32; oblong contour tub with rectangular flat deck, flared rim, no armrests, single backrest, textured patterned bottom, drain hole at end.
1. Overall deck size: 48 inches by 30 inches.
  2. Inside tub bottom dimensions: 31 inches by 19-1/2 inches.
  3. Depth: 16-1/2 inches from rough floor to top of deck.
- B. Bathtub BT-\_\_\_: Gruber MK 33; oblong contour tub with rectangular flat deck, flared rim, no armrests, single backrest, textured patterned bottom, drain hole at end.
1. Overall deck size: 54 inches by 31 inches.
  2. Inside tub bottom dimensions: 36 inches by 19-1/2 inches.
  3. Depth: 16-1/2 inches from rough floor to top of deck.

- C. Bathtub BT-\_\_\_: Gruber MK 23; oblong contour tub with rectangular flat deck, flared rim, no armrests, single backrest, textured patterned bottom, drain hole at end.
1. Overall deck size: 61 inches by 31 inches.
  2. Inside tub bottom dimensions: 43 inches by 19-1/2 inches.
  3. Depth: 16-1/2 inches from rough floor to top of deck.
- D. Bathtub BT-\_\_\_: Gruber MK 35; oblong contour tub with rectangular flat deck, recessed rim, no armrests, single backrest, textured patterned bottom, drain hole at end.
1. Overall deck size: 60 inches by 32 inches.
  2. Inside tub bottom dimensions: 43-1/4 inches by 20-3/8 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- E. Bathtub BT-\_\_\_: Gruber MK 27/24; oblong contour tub with rectangular flat deck, flared rim, no armrests, single backrest, textured patterned bottom.
1. Drain hole at end (MK 27).
  2. Drain hole at front center (MK 24).
  3. Overall deck size: 60 inches by 48 inches.
  4. Inside tub bottom dimensions: 36 inches by 31-5/8 inches.
  5. Depth: 19-1/4 inches from rough floor to top of deck.
- F. Bathtub BT-\_\_\_: Gruber MK 34; oblong contour tub with rectangular flat deck, flared rim, no armrests, single backrest, textured patterned bottom, drain hole at end.
1. Overall deck size: 61 inches by 36 inches.
  2. Inside tub bottom dimensions: 43 inches by 24-1/2 inches.
  3. Depth: 16-1/2 inches from rough floor to top of deck.
- G. Bathtub BT-\_\_\_: Gruber MK 37; oblong contour tub with rectangular flat deck, recessed rim, no armrests, single backrest, textured patterned bottom, drain hole at end.
1. Overall deck size: 72 inches by 36 inches.
  2. Inside tub bottom dimensions: 46 inches by 22 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.

- H. Bathtub BT-\_\_\_: Gruber MK 46; oblong contour tub with rectangular flat deck, no armrests, two raised backrests, textured patterned bottom, drain hole at back center.
  - 1. Overall deck size: 72 inches by 42 inches.
  - 2. Inside tub bottom dimensions: 42 inches by 25-1/2 inches.
  - 3. Depth: 19-1/4 inches from rough floor to top of deck.
  - 4. Depressed pillow location on left end.
  - 5. Depressed pillow location on right end.
  - 6. Depressed pillow location on both ends.
- I. Bathtub BT-\_\_\_: Gruber MK 52; symmetrically-shaped contour tub, rectangular deck with flat rim, no armrests, two raised backrests, stipple textured bottom, drain hole at front center.
  - 1. Overall deck size: 72 inches by 48 inches.
  - 2. Inside tub bottom dimensions: 42 inches by 29 inches.
  - 3. Depth: 22 inches from rough floor to top of rim.
- J. Bathtub BT-\_\_\_: Gruber MK 13; oblong contour tub with rectangular flat deck, flared rim, no armrests, two backrests, drain hole at back center.
  - 1. Overall deck size: 72 inches by 54 inches.
  - 2. Inside tub bottom dimensions: 35 inches by 40 inches.
  - 3. Depth: 19-1/4 inches from rough floor to top of deck.
- K. Bathtub BT-\_\_\_: Gruber MK 16; round contour tub with square flat deck, flared rim, no armrests, single backrest, drain hole opposite backrest.
  - 1. Overall deck size: 72 inches by 72 inches.
  - 2. Inside tub bottom dimensions: 46-1/2 inches by 36 inches.
  - 3. Depth: 23 inches from rough floor to top of deck.

## 2.5 BATHTUBS - CONTOURED WITH ARMRESTS

- A. Bathtub BT-\_\_\_: Gruber MK 12; oblong contour tub with rectangular flat deck, armrests, single backrest, textured patterned bottom, drain hole at end.
  - 1. Overall deck size: 60 inches by 31 inches.
  - 2. Inside tub dimensions: 20-1/4 inches wide at seat.
  - 3. Depth: 16 inches from rough floor to top of deck.

- B. Bathtub BT-\_\_\_: Gruber MK 9; oblong contour tub with rectangular flat deck, armrests, single backrest, drain hole at end.
1. Overall deck size: 60-1/4 inches by 32-1/4 inches.
  2. Inside tub bottom dimensions: 40-1/4 inches by 16-1/2 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- C. Bathtub BT-\_\_\_: Gruber MK 18; oblong contour tub with rectangular flat deck, flared rim, armrests, single backrest, textured patterned bottom, drain hole at end.
1. Overall deck size: 60-1/4 inches by 36-1/4 inches.
  2. Inside tub bottom dimensions: 36 inches long by 18 inches wide at armrests.
  3. Depth: 19 inches from rough floor to top of deck.
- D. Bathtub BT-\_\_\_: Gruber MK 20; oblong contour tub with rectangular flat deck, armrests, single backrest, pillow depression, textured patterned bottom, drain hole at end.
1. Overall deck size: 66-1/2 inches by 36-1/4 inches.
  2. Inside tub dimensions: 19 inches wide at seat.
  3. Depth: 17 inches from rough floor to top of deck.
- E. Bathtub BT-\_\_\_: Gruber MK 38; oblong contour tub with rectangular flat deck, flared rim, armrests, single backrest, textured patterned bottom, drain hole at end.
1. Overall deck size: 72 inches by 36 inches.
  2. Inside tub bottom dimensions: 47-3/4 inches by 18 inches wide at armrests.
  3. Depth: 19 inches from rough floor to top of deck.
- F. Bathtub BT-\_\_\_: Gruber MK 8; oblong contour tub with rectangular flat deck, armrests, drain hole at end.
1. Overall deck size: 73-1/4 inches by 36 inches.
  2. Inside tub bottom dimensions: 47 inches by 17-1/4 inches.
  3. Depth: 19 inches from rough floor to top of deck.
- G. Bathtub BT-\_\_\_: Gruber MK 31; oblong contour tub with rectangular deck, recessed rim, armrests, single backrest, textured patterned bottom, drain hole at end.
1. Overall deck size: 72 inches by 42 inches.
  2. Inside tub bottom dimensions: 46 inches by 28-1/2 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.

- H. Bathtub BT-\_\_\_: Gruber MK 25; oblong contour tub with rectangular deck, flared rim, armrests, single raised backrest, shaped seat and footrests, textured patterned bottom, drain hole at end.
1. Overall deck size: 72 inches by 42 inches.
  2. Inside tub bottom dimensions: 42 inches by 20 inches at seat.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- I. Bathtub BT-\_\_\_: Gruber MK 39; oblong double contour tub with rectangular deck, armrests, two backrests, textured patterned bottom, drain hole at back center.
1. Overall deck size: 72 inches by 48 inches.
  2. Inside tub bottom dimensions: 44 inches by 31-1/2 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- J. Bathtub BT-\_\_\_: Gruber MK 49; rectangular double contour tub with rectangular deck, armrests, two backrests, two grab bar locations, two lumbar jet locations, textured patterned bottom, drain hole at corner.
1. Overall deck size: 72 inches by 48 inches.
  2. Depth: 18-3/4 inches from rough floor to top of deck.
- K. Bathtub BT-\_\_\_: Gruber MK 36; oblong contour tub with rectangular deck, armrests, single backrest, textured patterned bottom, two lumbar jet locations, two faucet landings/deck seats, drain hole at end.
1. Overall deck size: 72 inches by 48 inches.
  2. Inside tub bottom dimensions: 43 inches by 30-1/4 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- L. Bathtub BT-\_\_\_: Gruber MK 30; angled double contour tub with rectangular deck, recessed rim, armrests, two angled backrests, textured patterned bottom, drain hole at corner.
1. Overall deck size: 72 inches by 54 inches.
  2. Inside tub bottom dimensions: 48 inches by 46 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.

## 2.6 BATHTUBS - ELLIPTICAL

- A. Bathtub BT-\_\_\_: Gruber MK 19; elliptical tub with rectangular deck, flared rim, single backrest, raised dot pattern on bottom, drain hole at end.
1. Overall deck size: 60-1/4 inches by 36-1/4 inches.
  2. Inside tub dimensions: 23 inches wide.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- B. Bathtub BT-\_\_\_: Gruber MK 21; elliptical tub with rectangular deck, flared rim, single backrest, raised dot pattern on bottom, drain hole at end.
1. Overall deck size: 60-1/4 inches by 42-1/4 inches.
  2. Inside tub bottom dimensions: 37 inches by 25-1/4 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- C. Bathtub BT-\_\_\_: Gruber MK 14; elliptical tub with rectangular deck, flared rim, single backrest, raised dot pattern on bottom, drain hole at end.
1. Overall deck size: 60-1/4 inches by 42-1/4 inches.
  2. Inside tub bottom dimensions: 42 inches by 27-1/4 inches.
  3. Depth: 15-3/4 inches from rough floor to top of deck.
- D. Bathtub BT-\_\_\_: Gruber MK 22; elliptical tub with rectangular deck, flared rim, single backrest, raised dot pattern on bottom, drain hole at end.
1. Overall deck size: 73 inches by 36-1/4 inches.
  2. Inside tub bottom dimensions: 47 inches by 22 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- E. Bathtub BT-\_\_\_: Gruber MK 17; elliptical tub with rectangular deck, flared rim, single backrest, raised dot pattern on bottom, drain hole at end.
1. Overall deck size: 73-1/4 inches by 42-1/4 inches.
  2. Inside tub dimensions: 29 inches wide.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- F. Bathtub BT-\_\_\_: Gruber MK 41; elliptical tub with rectangular deck, flared rim, two backrests, textured patterned bottom, drain hole at back center.



1. Overall deck size: 80 inches by 54 inches.
  2. Inside tub bottom dimensions: 47 inches by 39 inches.
  3. Depth: 20 inches from rough floor to top of deck.
- G. Bathtub BT-\_\_\_: Gruber MK 15; elliptical tub with rectangular deck, flared rim, single backrest, raised dot pattern on bottom, drain hole at end.
1. Overall deck size: 95-3/4 inches by 48 inches.
  2. Inside tub bottom dimensions: 53-1/2 inches by 29-1/2 inches.
  3. Depth: 18-3/4 inches from rough floor to top of deck.

## 2.7 BATHTUBS - CORNER

- A. Bathtub BT-\_\_\_: Gruber MK 45; corner shaped tub with angled front deck, flared rim, tub set on diagonal, two backrests, recessed deck seat, textured pattern on bottom, drain hole at front center.
1. Overall deck size: 54 inches by 54 inches, 27 inch legs.
  2. Inside tub bottom dimensions: 44 inches by 26-1/8 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- B. Bathtub BT-\_\_\_: Gruber MK 44; corner shaped tub with angled front deck, tub set on diagonal, two raised backrests, recessed deck seat, textured pattern on bottom, drain hole at front center.
1. Overall deck size: 60 inches by 60 inches, 22 inch legs.
  2. Inside tub bottom dimensions: 43-1/2 inches by 29 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- C. Bathtub BT-\_\_\_: Gruber MK 28; corner elliptical tub with square deck, flared rim, tub set on diagonal, single backrest, raised dot pattern on bottom, drain hole opposite backrest.
1. Overall deck size: 60 inches by 60 inches.
  2. Inside tub bottom dimensions: 47 inches by 28 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.

- D. Bathtub BT-\_\_\_: Gruber MK 26; corner elliptical tub with rounded front deck, flared rim, tub set on diagonal, left-hand backrest, recessed deck seat, textured pattern on bottom, drain hole at front center.
1. Overall deck size: 60 inches by 60 inches.
  2. Inside tub bottom dimensions: 41-1/2 inches by 29-3/8 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
  4. Curved front skirt with integral step.
- E. Bathtub BT-\_\_\_: Gruber MK 50; corner elliptical tub with angled front deck, flared rim, tub set on diagonal, left-hand backrest, recessed deck seat, textured pattern on bottom, drain hole at front center.
1. Overall deck size: 60 inches by 60 inches, 36 inch legs.
  2. Inside tub bottom dimensions: 41-1/2 inches by 29-3/8 inches.
  3. Depth: 19-1/4 inches from rough floor to top of deck.
- F. Bathtub BT-\_\_\_: Gruber MK 47/48; corner elliptical tub with angled front deck, flared rim, tub set on diagonal, recessed deck seat, textured pattern on bottom, drain hole at front center.
1. Left-hand backrest (MK 47).
  2. Right-hand backrest (MK 48).
  3. Overall deck size: 66 inches by 66 inches, 38 inch legs.
  4. Inside tub bottom dimensions: 41-1/2 inches by 29-3/8 inches.
  5. Depth: 19-1/4 inches from rough floor to top of deck.
- G. Bathtub BT-\_\_\_: Gruber MK 43; corner shaped tub with angled and inset front deck, recessed deck seat, two raised backrests, textured pattern on bottom, drain hole at front center.
1. Overall deck size: 66 inches by 66 inches, 36 inch legs.
  2. Inside tub bottom dimensions: 40-3/8 inches by 42 inches.
  3. Depth: 20-1/2 inches from rough floor to top of deck.
  4. Front skirt, angled to fit deck inset.

## 2.8 COMBINATION TUB AND SHOWER BASE

- A. Bathtub BT-\_\_\_: Gruber Chrystal Combination; angled contour tub with flat deck, recessed arm rests, single backrest, drain hole at side; five-sided shower base with seat and wall ledge, center drain; molded in two parts.
  1. Tub on left.
  2. Tub on right.
  3. Provide mirror opposite units, as indicated on drawings.
  4. Overall size: 88 inches by 54 inches.
  5. Inside tub dimensions: \_\_\_ inches by \_\_ inches.
  6. Depth: 19-1/4 inches from rough floor to top of deck.
  7. Angled skirt for tub front.

## 2.9 CUSTOM DECK UNITS

- A. Bathtub Deck Unit: Molded of same material and color as tub, configuration as indicated on drawings; minimum 3/4 inch thick; to receive Bathtub BT-\_\_\_.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verify that piping and wiring are installed and in the right location.

### 3.2 PREPARATION

- A. Construct deck and skirt supports and blocking as indicated on drawings or shop drawings.

### 3.3 INSTALLATION

- A. Install bathtubs and fittings in accordance with the manufacturer's instructions.
- B. Install bathtubs plumb and level.
- C. Install piping connections as specified in Section 15145.
- D. Seal decks and rims to walls and floors with sealant specified in Section 07900.

### 3.4 CLEANING AND PROTECTION

- A. Clean bathtubs of labels, dirt, and construction debris.

B. Protect bathtubs from scratches until Substantial Completion.

END OF SECTION