# FCA173024T-90032

FIBERGLASS / POLYMER CONCRETE ASSEMBLY

17" x 30" x 24"
(For actual dimensions see drawing)

Fiberglass / Polymer Concrete Assembly, PC Ring, Tapered Sides, WUC 3.6, ANSI/SCTE 77-"T15/20K," 3/8" Hex Bolts, Custom Nameplate (CITY OF MESA TRAFFIC SIGNAL) Cast-in

**LOAD RATINGS**

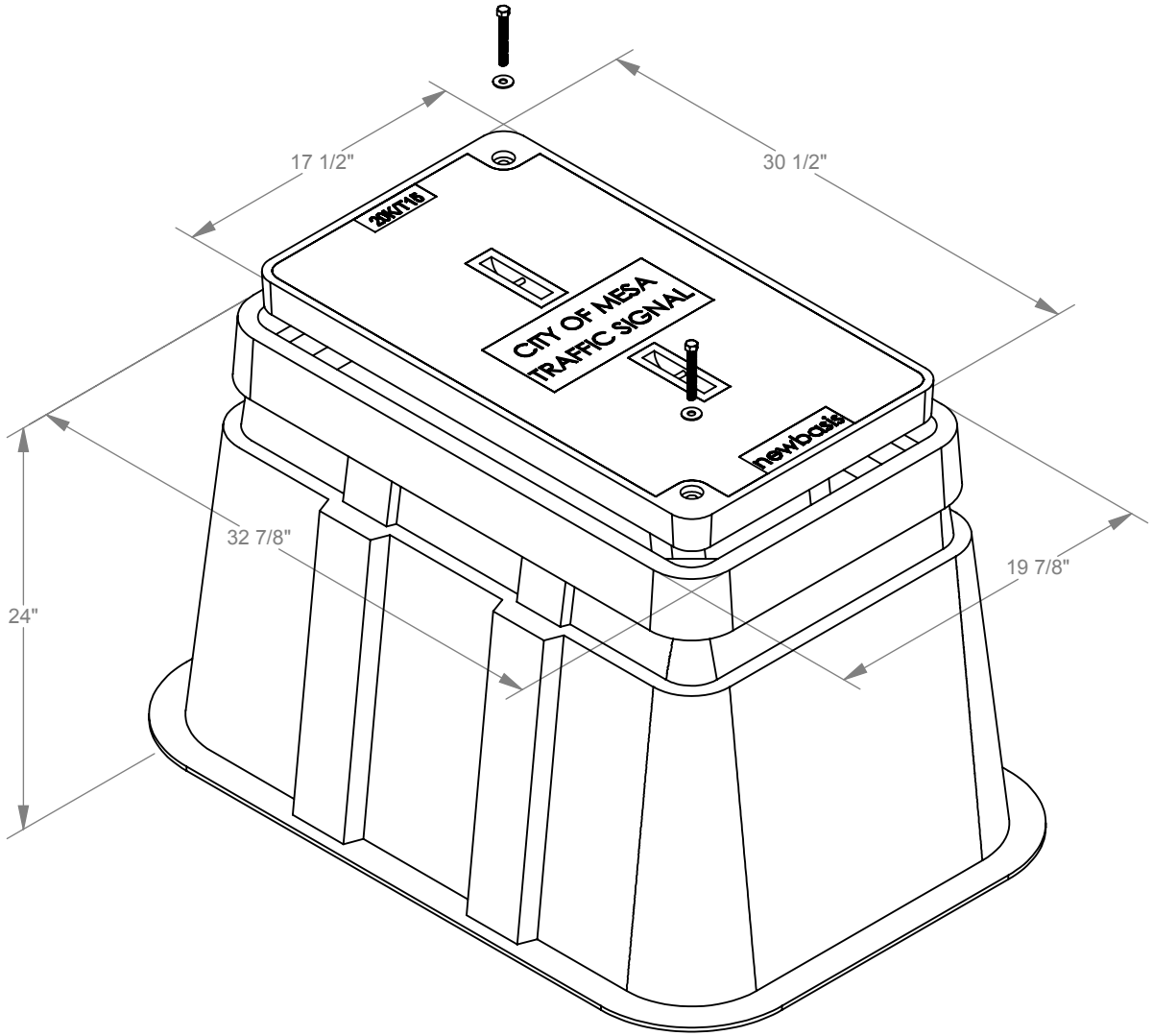
Incidental Traffic - Parking Lot, Sidewalk
Conforms to:

- WUC 3.6
- ASTM C 857
- ANSI/SCTE 77

**FEATURES:**

- USDA/RUS Approved
- Drop-In nameplate
- Shipped assembled
- Skid resistant cover
- Stainless steel bolts
- Cast-in floating nut box
  - Integral drain holes

**Additional product information continued on the reverse**




| Inside Dimensions | | |
|---|---|---|
| Length | Width | Depth |
| 28 3/4" | 15 3/4" | 22" |
| 37 1/8" | 24 1/8" | |

**REV: A.1**


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17" x 30" x 24" **For actual dimensions, see drawing on front side.**

## AVAILABLE OPTIONS

- ☐ Penta Bolts
- ☐ Telephone EMS
- ☐ Power EMS
- ☐ Racks
- ☐ Knockouts
- ☑ Custom Nameplate Installed
- ☐ Custom Nameplate Shipped Separately
- ☐ Standard Nameplate Installed
- ☐ Standard Nameplate Shipped Separately

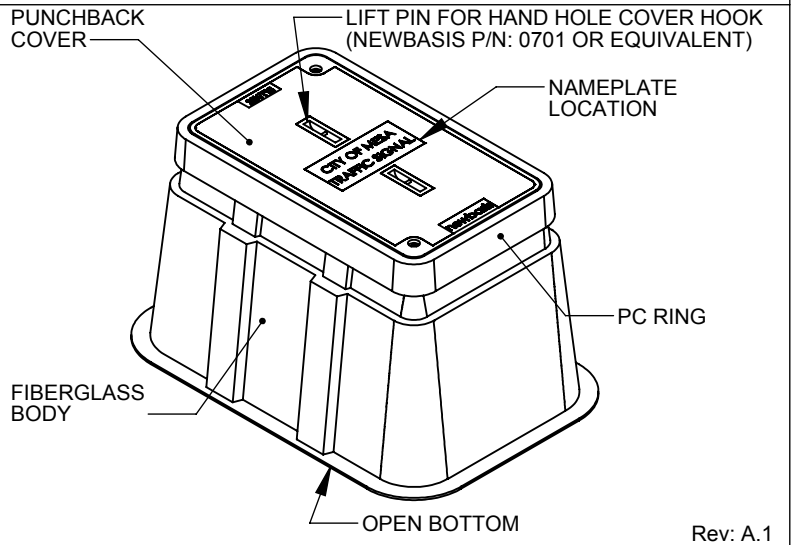
☑ - Indicates a selected option

## NAMEPLATES

One standard nameplate included with each assembly, installed at the factory or easily installed in the field. Custom nameplates are available. Contact customer service.

Standard Nameplates

- Electric
- Telephone
- Fiber Optic
- Water
- Irrigation Control Valve
- Broadband
- Traffic
- CATV
- Traffic Signal
- Communications




Rev: A.1

## MATERIAL PROPERTIES AND ATTRIBUTES

**Compressive Strength**
Polymer Concrete - **87 MPa**
FRP - **134 MPa**
Per ASTM D695/D3410

**Flexural Strength**
Polymer Concrete - **20 MPa**
FRP - **116 MPa**
Per ASTM D790

**Coefficient of Friction (Dry)**
**1.085**
Per ASTM C1028

Polymer Concrete
- Advanced composite: Very high strength to weight ratio
- Non-metallic
- Non-conductive
- UV Resistant
- High impact resistant
- Impervious to chemicals and moisture

Materials tested in accordance with ASTM D-543 and ASTM D-570

## WEIGHTS AND SHIPPING

COVER WEIGHT: 61 lbs.

BOX WEIGHT: 95 lbs.

ASSEMBLY WEIGHT: 156 lbs.

LOADED PALLET WEIGHT: 1295 lbs.

Standard shipping includes van delivery of pallet quantities to the lower 48 states. Partial pallet quantities and flat bed shipping available at an additional cost.

## PACKAGING (Steel Banding, Edge Protection)

PALLET QUANTITY: 8

