

# Fiberglass Reinforced Watertight Structural Manhole System



## HOBAS Tee Base with Riser Section

To meet your project design requirements, a new HOBAS tee base manhole system is available with added features and size options.

### Features & Benefits

#### STRUCTURAL

- Exceeds ASTM D3753 Load Rating by 50%
- AASHTO HS20/HS25 traffic rated
- **SN46 or 72 psi pipe stiffness, 1500% higher than ASTM minimums**
- Built-in anti-flotation ring when needed
- Simple concrete encased tee-base handles loads with added safety factor

#### WATERTIGHT

- Laminated/welded cone to riser section
- Zero Infiltration/Exfiltration top to bottom
- **25 psi internal/100 psi external rating**
- Embedded FWC coupling to seat the riser

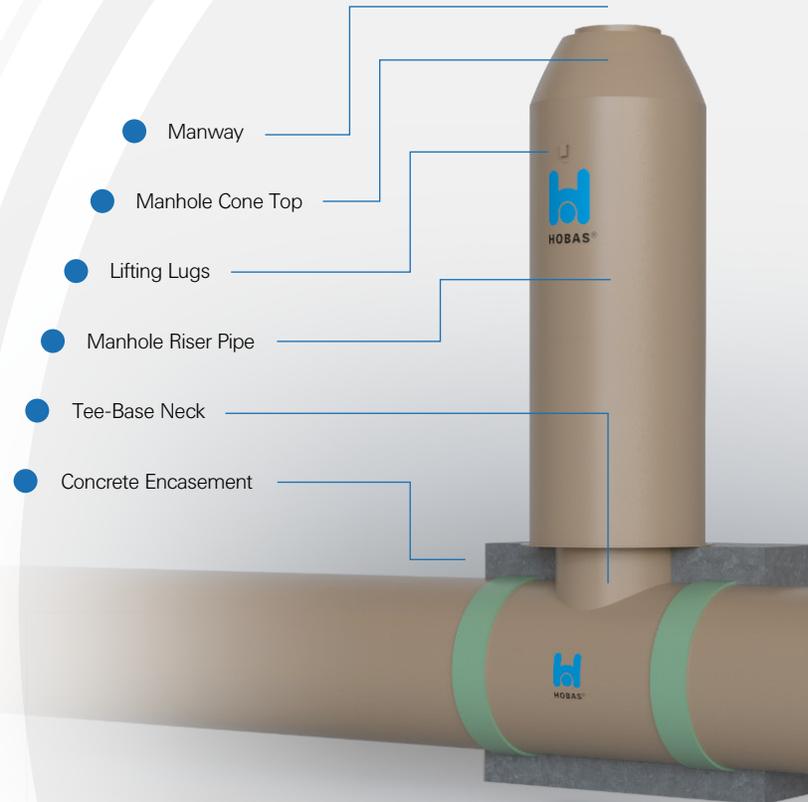
#### HYDRAULICS

- No step-downs at the connection
- Tee is exact ID as the pipe for minimal flow disruption
- Reduced odor emissions with laminar flows
- Any angle turn and any lateral is possible
- **18" - 126" Tee sizes**
- **48" or 60" Riser sizes**
- **3"-30" future connections made w/ tapping tees (others)**
- **24", 30" and 36" standard manhole cover openings**

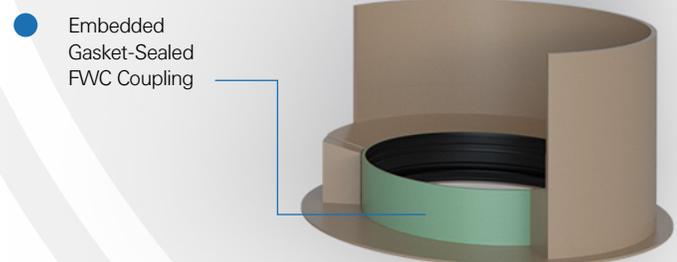
### Installation Advantages

- Lightweight system, small excavators could install pipe, tee and riser
- Eliminate the cost and hassle of large cranes on standby
- Reduced trenching requirements (width) for the tee
- Maintenance free service

40,000 LB. RATED MANHOLE



MANHOLE BOTTOM DETAIL



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