

Water

Sewer

Re-Use

Preferred Marker: 3M EMS 4” Ball Marker  
1403–XR

3M EMS 4” Ball Marker  
1404–XR

Use Sewer Markers

Alternate Markers: 3M EMS Mid–Range Marker  
1257  
3M EMS Full–Range Marker  
1252

3M EMS Mid–Range Marker  
1258  
3M EMS Full–Range Marker  
1253

Required Placement: All bends 22.5 degrees or larger, all capped or plugged ends, repair points, all tee’s and crosses, any change in pipe material, any change in direction.

Gravity – Wyes at main, Service lateral cap.

Vacuum – Wyes, top of lifts, change in direction, diversions, all capped or plugged ends, service laterals.

Forcemains – All bends 22.5 degrees or larger, all capped or plugged ends, repair points, all tee’s and crosses, any change in pipe material, any change in direction.

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- \* All markers to be installed per manufacturers recommended spacing and depth.
- \* For facilities deeper than the marker’s read/detection range, please refer to the alternate tie down procedure.

LAST REVISION	MAY 2022
CHECKED	MM
APPROVED	KRL

**LOCATOR DEVICE**



**ENGLEWOOD WATER DISTRICT**  
**201 SELMA AVENUE**  
**ENGLEWOOD, FLORIDA 34223**