**TRENCH PROFILE**

- **MARKER BALL BURIED NO MORE THAN 4'**
- **DO NOT CRUSH BALL WHEN INSTALLING OR COMPACTING SOIL**
- **INSTALL BALLS AT TURNS AND CRITICAL BURIED COMPONENTS**

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**FINE SAND - FIRST LAYER**
Tamped to at least 95% of maximum compaction

**UTILITY SPECIFIC CAUTION TAPE TO BE USED ON ALL INSTALLATIONS TO ALERT FUTURE EXCAVATIONS TO UTILITY LOCATION. TAPE TO BE BURIED MINIMUM OF 1' BELOW GRADE AND MINIMUM OF 2' ABOVE UTILITY.**

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**NOTES:**
- ALL CONNECTIONS MUST BE SOLDERED AND WATERtight
- TAPE MUST NOT BE DAMAGED OR TORN

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**MARKER BALL INSTALLATION**

**MARKER BALL TYPE/FREQUENCY LIST**

- **WATER 145.7 kHz**
  - Part #31384
- **SEWER 121.6 kHz**
  - Part #31385
- **GAS 83.0 kHz**
  - Part #31386
- **TELEPHONE 101.4 kHz**
  - Part #31382
- **CABLE TV 77.0 kHz**
  - Part #31387

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**DRAWN BY: TS**
**CHECKED BY: N.T.S.**
**DATE: 04/25/2022**

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**THE STATE UNIVERSITY OF NEW JERSEY**
**UNIVERSITY FACILITIES PISCATAWAY, NEW JERSEY**
**SK-43**