MARKER BALL INSTALLATION

TRENCH SECTION

- MARKER BALL BURIED NO MORE THAN 4'
- DO NOT CRUSH BALL WHEN INSTALLING OR COMPACTING SOIL
- INSTALL BALLS AT TURNS AND CRITICAL BURIED COMPONENTS
- TRACER WIRE RUN MUST NOT EXCEED 300' WITHOUT ADDITIONAL TEST STATION

TRENCH PROFILE

- TRACER WIRE CONNECTION STATIONS
- USABLUEBOOK PART #31074 (LIGHT DUTY)
- USABLUEBOOK PART #31076 (CONCRETE/DRIVEWAY)
- USABLUEBOOK PART #31078 (ROADWAY)

TYPES/FREQUENCY LIST

- WATER 145.7 kHz
- SEWER 121.6 kHz
- GAS 83.0 kHz
- TELEPHONE 101.4 kHz
- CABLE TV 77.0 kHz

NOTES:
- TRACER WIRE MUST LAY FLAT AND STRAIGHT. NO COILS MAY BE PRESENT
- ALL CONNECTIONS MUST BE SOLDERED AND WATER TIGHT
- TAPE MUST NOT BE DAMAGED OR TORN
- MARKER BALL BURIED NO MORE THAN 4'
- DO NOT CRUSH BALL WHEN INSTALLING OR COMPACTING SOIL
- INSTALL BALLS AT TURNS AND CRITICAL BURIED COMPONENTS

FINE SAND - FIRST LAYER
TAMPED TO AT LEAST 95% OF MAXIMUM COMPACTION

FINE SAND - SECOND LAYER
TAMPED TO AT LEAST 95% OF MAXIMUM COMPACTION

CAUTION TAPE

MARKER BALL INSTALLATION

DRAWN BY: TS
CHECKED BY:
SCALE: N.T.S.
DATE: 08/23/2021

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