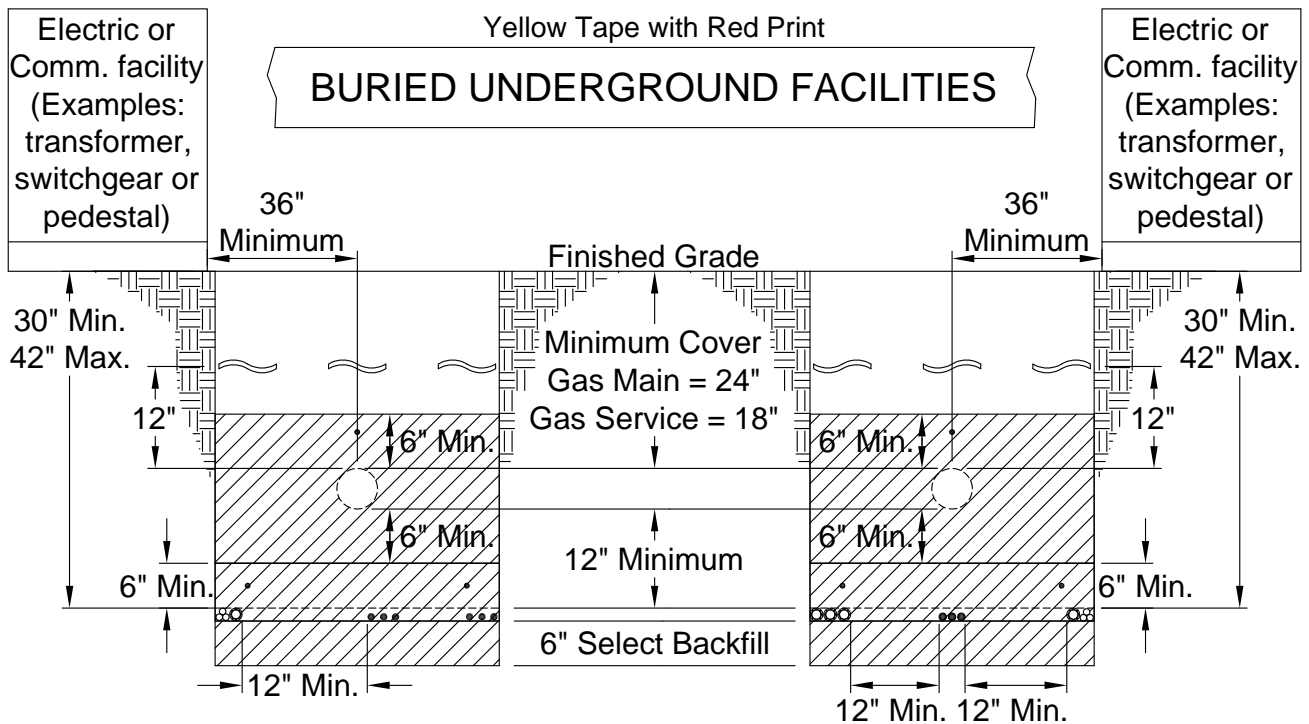


JOINT TRENCH CROSS-SECTION PRIMARY AND SECONDARY CABLES WITH GAS AND/OR COMMUNICATION

Trench Drawings Legend	
6" wide Marker Tape	⊗ Services / Secondary
PE Gas Pipe	∞ 3 Phase URD
Tracer Wire	●●● Feeder
1 Phase URD	●●● Communication
6" Min. Select Backfill Top and Bottom (Note 1)	



Notes:

1. Where large rock or gravel is encountered, select backfill is required in the bottom of the trench. Select backfill must be a minimum of 6" deep from the top and bottom of the cable and gas pipe.
2. All trench backfill is to be compacted. All local codes must be followed.
3. For ease of construction and future maintenance, primary cable should be 12-24" from communication cables.
4. Electric cables must be separated from communication cables by a minimum of 12" horizontal ([Reference NESC 354.D.3.a](#)).
5. 30" minimum trench width should be used when all four types of utilities (Electric, Gas, TV, Phone) are included.
6. Steel gas pipe or steel duct is not allowed for joint trench construction.
7. Steel gas lines and buried electric lines installed in separate, parallel trenches should be separated by 24".
8. When parallel circuits are installed in any trench wider than 18", a separate buried marker tape shall be installed.
9. 600 A electric distribution (feeder) cable shall not be installed in the same trench with gas.