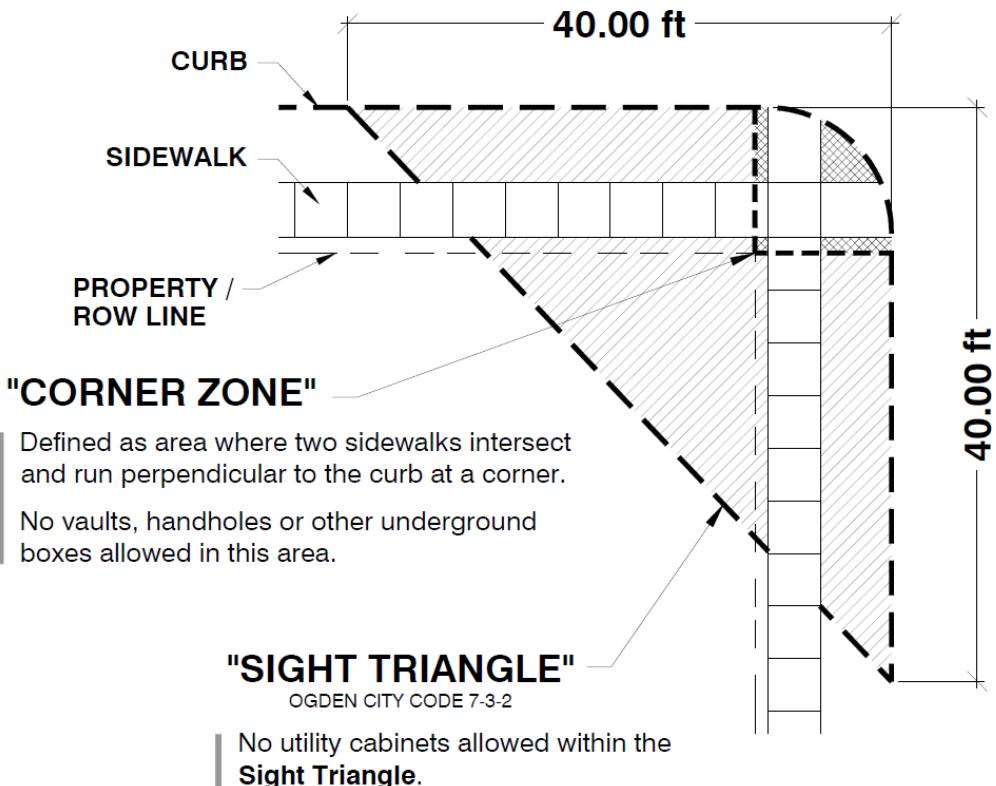


## Directional Bore Work – General Notes

1. **Path Location:** The bore path must be a minimum of 3 feet (3') BOC (Back of Curb) in areas with a park strip, and 3 feet (3') BOW (Back of Walk) where the sidewalk is directly behind the curb, to allow space for water meter boxes behind the curb.
2. **Deflection:** Maximum allowable horizontal deviation from bore path is 12" in either direction.
3. **Minimum Utility Offsets (Horizontal):**
  - a. Water Main & Sanitary Sewer Main: 10 feet (10')
  - b. Storm Drain Main: 5 feet (5')
  - c. Gas & Power: 3 feet (3')
  - d. Low voltage/Telecom: 1 foot (1')
4. **Bore Depth:** Minimum allowable cover of conduit installed by directional bore is 24 inches (2'), unless a greater depth is specified in the submitted plans.
5. **Road Crossings:** All utilities must be potholed for depth & location verification wherever the bore path crosses a public or private road.
6. **Moratorium Roads:** Bore paths cannot cross Moratorium roads (roads that have been recently repaved or reconditioned) unless approved by City Engineer.
7. **Equipment:**
  - a. All utility cabinets must be located back of walk in the PUE/MUE. No cabinets are allowed in the park strip unless expressly authorized by the City Engineer.
  - b. No utility cabinets are allowed within intersection sight triangles, as defined in Ogden City Code 7-3-2.
  - c. No vaults, handholes or other underground boxes are allowed in the “corner zone” due to current and future ADA ramp placements.
  - d. No vaults, handholes or similar equipment shall be installed underneath the City sidewalk.
  - e. No bore alignments shall run underneath City sidewalks unless approved by City Engineer.
8. **Notification:** Contractor shall notify residents whose property will be affected by directional bore work at least 2 business days prior to work beginning and should maintain polite and professional communications with said residents through the course of construction and restoration.
9. **Bore Logs:** All bore logs must be submitted to the Engineering Inspector.
10. **Video Inspection:**
  - a. Video inspection may be required at the discretion of the Engineering Inspector to verify that utility laterals or city utility mains have not been damaged during the bore process.
  - b. The camera used in sewer lateral inspections must have recording capability and present a clear picture of the sewer lateral. Cell phone video of the inspection camera screen will not be accepted; the camera MUST have recording capability.
11. **Water:**
  - a. Contractors shall not use water connections located on private property.
  - b. Contractors shall not use water connections located on commercial property without written consent from the water account holder.
  - c. Contractors connecting to the fire hydrants within Ogden City's water system MUST have a city-issued hydrant meter as part of that connection. Those connecting without a hydrant meter will be prosecuted for theft of services.

**12. Damages/Restoration:**

- a. Contractor shall be responsible for damage or destruction to property and/or utilities during the course of construction, including pipelines, culverts, conduits, cabling, asphalt and concrete pavement. Such damages must be repaired quickly and restored to a condition equal to or better than it was before the bore work. The existing site condition will be assessed during the pre-construction meeting.
- b. Landscaping at bore-pit locations or any other locations damaged or disturbed by contractor MUST be restored to a condition equal to or better than it was before the bore work.
- c. Any components of an irrigation or sprinkler system (pipe, control wire) that are damaged as a result of permitted directional bore work must be repaired immediately upon discovery.
- d. Testing of sprinkler (or irrigation) systems crossed by the bore is a requirement to finalize the permit and close out work. Contractor will still be liable for damage incurred to irrigation and sprinkler systems during the course of a directional bore job during the fall/winter/spring seasons when irrigation systems are not charged. Homeowner/Property owner will have until July 31st of the following summer to submit a damage claim to Ogden City. Upon discovery that the reported damage was indeed caused by the bore work, the Contractor will immediately repair said damage.
- e. Failure to repair or replace damaged landscaping, utilities, and infrastructure or to respond to damage complaints in a timely manner may result in the suspension of current and future work and will result in claims filed against the contractor's bond.



## **SIGHT TRIANGLE & CORNER ZONE**