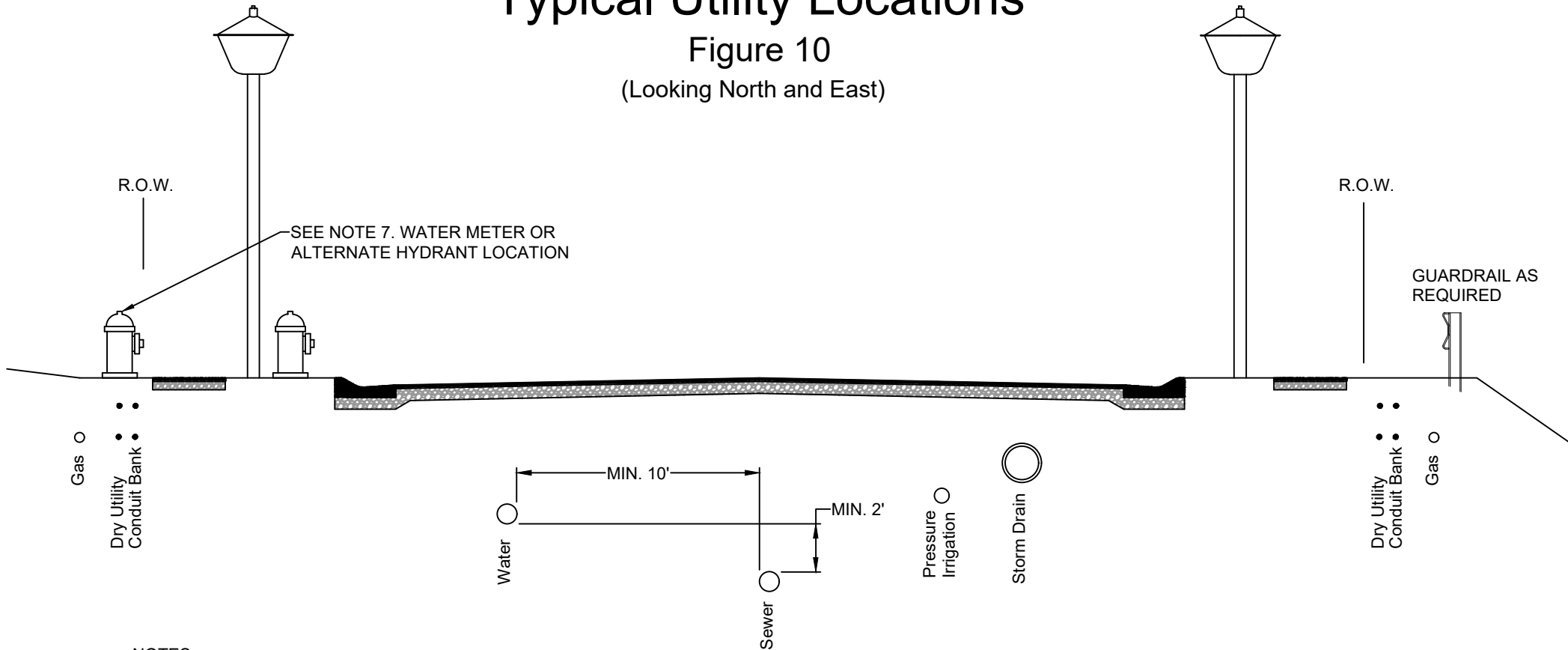


# Typical Utility Locations

Figure 10

(Looking North and East)



**NOTES:**

1. STREET LIGHTS REQUIRED AT FIRE HYDRANTS AND INTERSECTIONS.
2. FIRE HYDRANT SPACING PER CURRENT INTERNATIONAL FIRE CODE.
3. MINIMUM VERTICAL CLEARANCE WHERE CLOSER THAN TEN FEET (10') OR AT SEWER/WATER CROSSING.
4. SIGN LOCATIONS PER CURRENT MUTCD CODE.
5. SEWER MANHOLES TO BE LOCATED IN CENTER OF ROAD, NOT TO CONFLICT WITH CENTERLINE SURVEY MONUMENTS.
6. NO DRY UTILITIES INCLUDING GAS, POWER, TELEPHONE, OR ABLE WILL BE ALLOWED UNDER THE PAVED ROAD SECTION EXCEPT AT LOCALIZED CROSSINGS. ANY DRY UTILITIES UNDER THE ROAD WILL BE ENCASED IN CONDUIT.
7. HYDRANT LOCATION DETERMINED BY SPEED AND ROAD GRADE. MAY BE REQUIRED TO BE ON BACK OF WALK AS SHOWN. WHERE SWALES EXIST OR IT IS INFEASIBLE TO PLACE HYDRANTS IN THE PARK-STRIP, HYDRANTS SHALL BE PLACED IN THE PUBLIC UTILITY EASEMENT AT THE PROPERTY LINE. POWER AND GAS SHALL AVOID HYDRANTS AND WATER METERS.
8. GUARDRAIL REQUIRED ON ALL FILL SLOPES STEEPER THAN 3:1 WHERE THE VERTICAL DROP OF THE SLOPE IS GREATER THAN EIGHT FEET (8').

**TYPICAL COVER OVER UTILITIES**

- SEWER, 8"
- WATER PER LOCAL WATER AGENCY
- STORM DRAIN, 30" MINIMUM
- DRY UTILITY TYPICAL COVER DEPTHS ARE PER COMPANY SPECIFICATION

**TYPICAL UTILITY SEPARATION**

- SEWER / WATER - 10' HORIZONTAL, 2' VERTICAL
- DRY UTILITY TYPICAL HORIZONTAL SEPARATION DISTANCES ARE PER COMPANY SPECIFICATION