

- TOPOGRAPHIC LINES/LINEWORK LEGEND**
- EXISTING UNDERGROUND TELEPHONE
 - EXISTING UNDERGROUND FENCE
 - EXISTING WOOD FENCE
 - EXISTING GAS LINE
 - EXISTING UNDERGROUND ELECTRIC LINE
 - EXISTING OVERHEAD GENERAL UTILITIES
 - EXISTING SANITARY SEWER LINE
 - EXISTING STORM DRAIN
 - EXISTING WATER MAIN
 - EXISTING PARCEL LINE
 - EXISTING UTILITY EASEMENT

- TOPOGRAPHIC SYMBOL LEGEND**
- EXISTING BOLLARD
 - EXISTING MONITORING WELL
 - EXISTING SIGN
 - EXISTING CURB INLET
 - EXISTING FIELD INLET
 - EXISTING ROOF DRAIN
 - EXISTING STORM MANHOLE
 - EXISTING SANITARY MANHOLE
 - EXISTING WATER MAIN VALVE
 - EXISTING CURB STOP
 - EXISTING GAS VALVE
 - EXISTING AIR CONDITIONING FEDESTAL
 - EXISTING DOWN GUY
 - EXISTING ELECTRIC FEDESTAL

- EXISTING TRANSFORMER
- EXISTING LIGHT POLE
- EXISTING TELEPHONE MANHOLE
- EXISTING TELEPHONE FEDESTAL
- EXISTING CONDUIT TREE
- EXISTING DECIDUOUS TREE



BEFORE BEING USED UPON THE PROPOSED PROJECT, THE USER SHALL VERIFY THE ACCURACY OF THE INFORMATION SHOWN ON THIS PLAN. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY ENGINEER AND THE CITY ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PROPERTY OR PERSONS CAUSED BY THE USER'S FAILURE TO OBTAIN NECESSARY PERMITS AND APPROVALS.

- UTILITY NOTES**
1. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY SINGLETONS (MANHOLE RIMS, WATER VALVES, AND CURB STOPS).
 3. FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER, AND MINIMUM 6" SEPARATION WHEN SEWER CROSSES ABOVE WATER MAIN.
 4. STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(C).
 5. PRIVATE WATER SERVICES AND WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(C).
 6. PRIVATE SANITARY SEWER LATERALS SHALL BE PERMANENT, UNDRUGGED, AND SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(C).
 7. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON-METALLIC SANITARY SEWER LATERALS SHALL BE PROVIDED. THIS MEANS SHALL BE A TRACER WIRE OR OTHER METHOD(S) IN ORDER TO BE LOCATED PER SPS 382.10(1)(b) AND SPS 382.40(8)(a).
 8. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b).
 9. NO PERSON MAY ENGAGE IN WORK AT PLUMBING IN THE STATE UNLESS HE OR SHE IS A LICENSED PLUMBER OR A LICENSED JOURNEYPERMANENT TRADER WIRE OR OTHER METHOD(S) IN ORDER TO BE LOCATED PER SPS 382.10(1)(b) AND SPS 382.40(8)(a).
 10. ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED BY A CITY-LICENSED CONTRACTOR.
 11. CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS (PIE (S) FEET SHORT (HORIZONTALLY) FROM THE BUILDING, BUILDING FOUNDATION, AND WATER LATERALS).
 12. CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITY. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITH THE PLANNING DEPARTMENT RECORDS.
 13. PROPOSED UTILITY SERVICE LINES AS SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR ELECTRICAL CONTRACTOR REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
 14. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES ENCOUNTERED. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AND THE CITY ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PROPERTY OR PERSONS CAUSED BY THE USER'S FAILURE TO OBTAIN NECESSARY PERMITS AND APPROVALS.
 15. EXISTING WATER AND SANITARY LATERALS MUST BE PROPERLY ABANDONED PER CITY REQUIREMENTS.
 16. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF-WAY, DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
 17. THE DEVELOPER SHALL INSTALL THE 3M-ELECTRONIC MARKER SYSTEM (EMS) 4" EXTENDED RANGE 5" BALL MARKERS-WASTEWATER (MODEL 3M-EM5) AT ALL EXISTING AND PROPOSED SANITARY MANHOLES. THE CONTRACTOR (GENERALLY REQUIRES 2 PER LATERAL) AND THE PLUMBING CONTRACTOR (GENERALLY REQUIRES 2 PER LATERAL) SHALL VERIFY THE LOCATION OF ALL EXISTING AND PROPOSED SANITARY MANHOLES AND THE REQUIREMENTS OR AS DIRECTED BY THE CITY ENGINEER.
 18. PRIOR TO REMEDIATION, CONTRACTOR SHALL NOTIFY THE MADISON WATER UTILITY TO REMOVE THE WATER METERS.
 19. EXISTING WELLS SHALL BE ABANDONED PER CITY AND STATE REGULATIONS.
 20. SANITARY SEWER TO UTILITY TRENCH SEALS TO PROTECT FROM GROUNDWATER.

