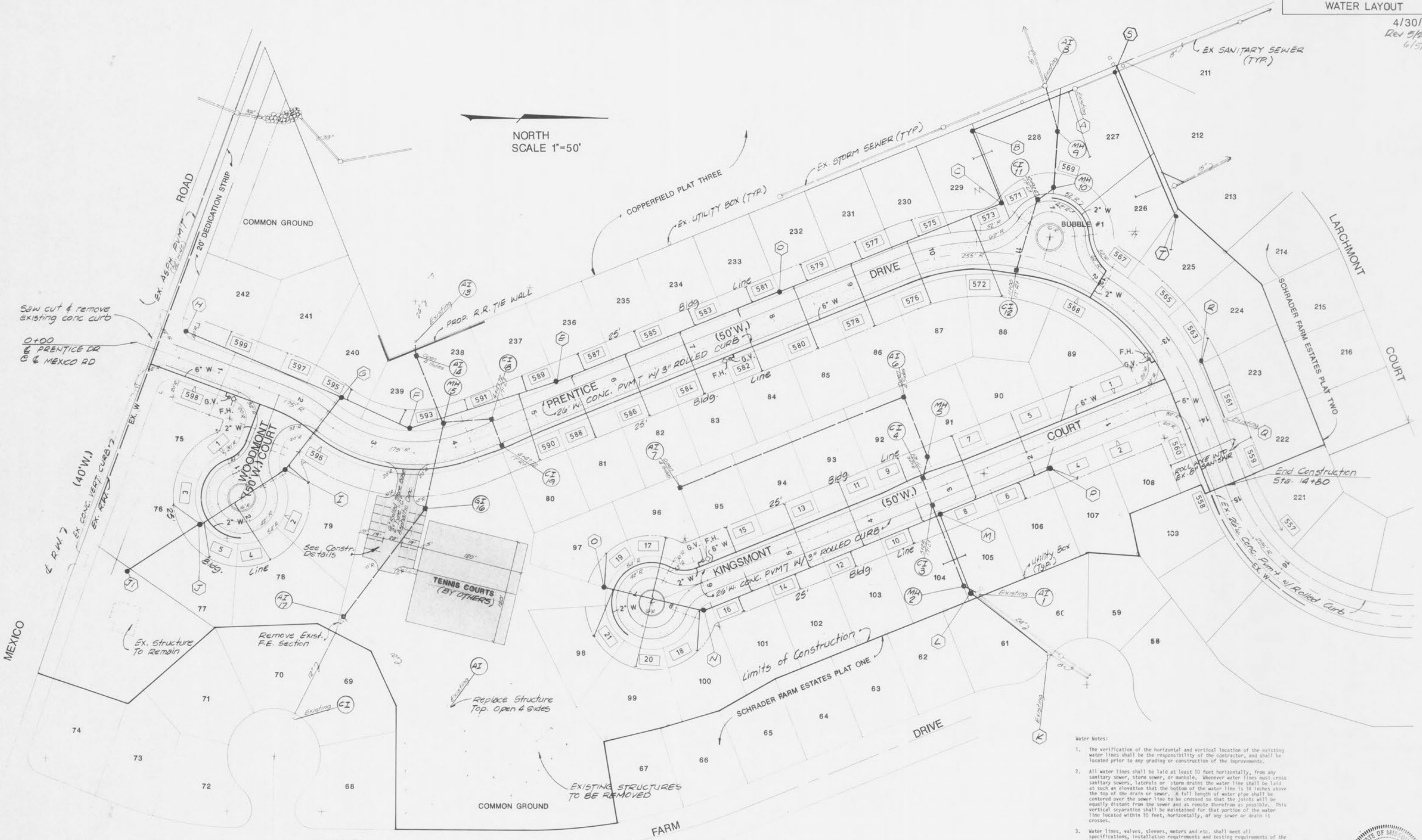


THE MEADOWS AT
SCHRADER FARM
WATER LAYOUT

4/30/90
Rev 5/20/90
6/5/90

NORTH
SCALE 1"=50'



Water Notes:

1. The verification of the horizontal and vertical location of the existing water lines shall be the responsibility of the contractor, and shall be located prior to any grading or construction of the improvements.
2. All water lines shall be laid at least 10 feet horizontally, from any sanitary sewer, storm sewer, or manhole. Whenever water lines must cross sanitary sewers, laterals or storm drains the water line shall be laid at such an elevation that the bottom of the water line is 10 inches above the top of the drain or sewer. A full length of water pipe shall be centered over the sewer line to be crossed so that the joints will be equally distant from the sewer and as remote therefrom as possible. This vertical separation shall be maintained for that portion of the water line located within 10 feet, horizontally, of any sewer or drain it crosses.
3. Water lines, valves, sleeves, meters and etc. shall meet all specifications, installation requirements and testing requirements of the local governing authority.
4. All ductile iron pipe for water mains shall conform to A.W.W.A. Specifications C-100 and/or C-108. The ductile iron fittings shall conform to A.W.W.A. Specification C-110. All rubber gasket joints for water ductile iron pressure pipe and fittings shall conform to A.W.W.A. Specification C-111.
5. All water hydrants and valves shall be ductile iron and installed in accordance with plans and details.
6. Fire hydrants shall be 3-way frost-free type with individual valves.
7. Hydrants must be within 10 feet of street curb and face the street. The hydrant barrel flange must be at or above grade.
8. Trench backfills under paved areas shall be granular backfill.
9. Bell and spigot joints are to be used unless mechanical fittings are specified or required.

