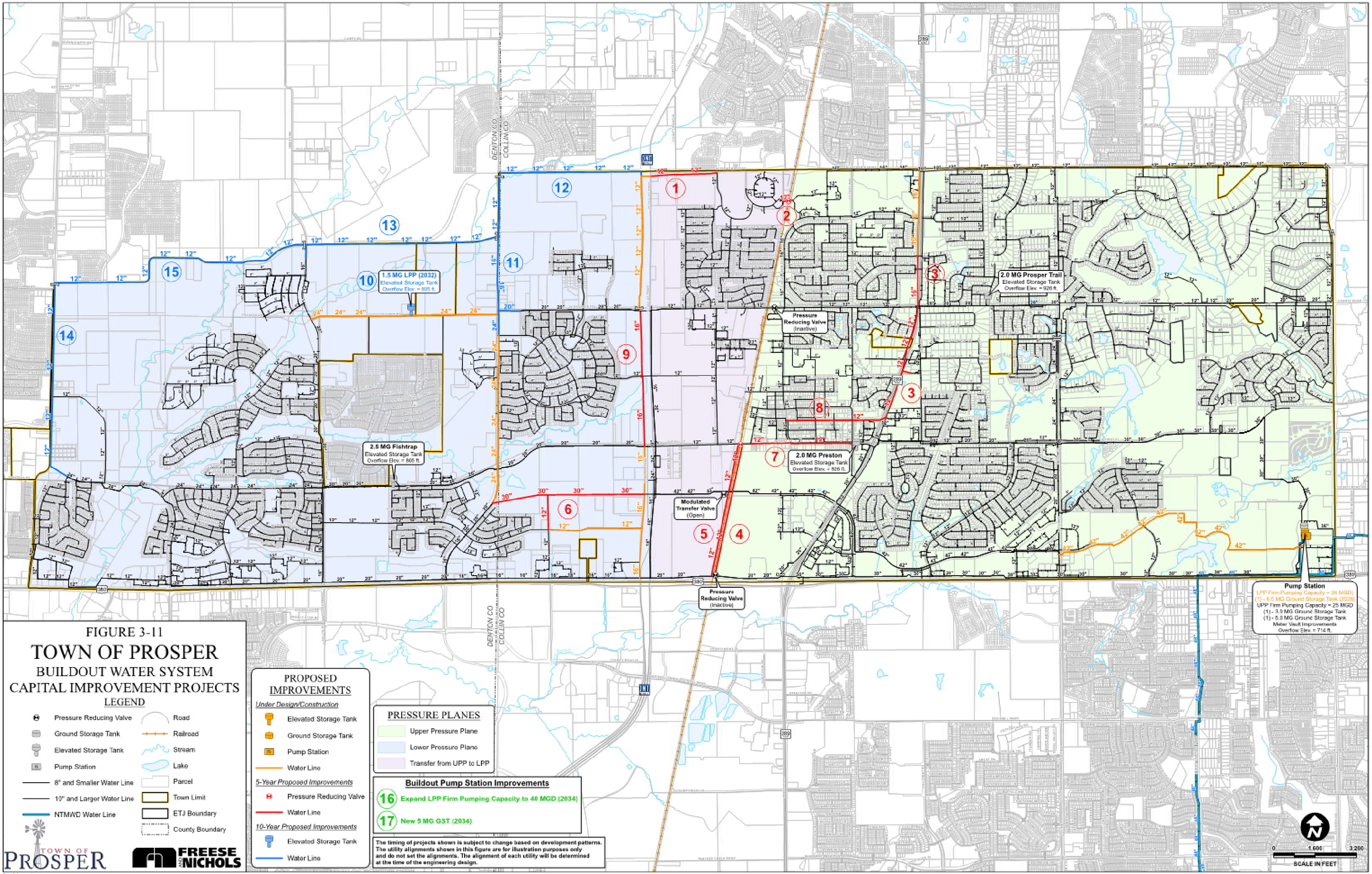

FIGURE 3-11

TOWN OF PROSPER

BUILDOUT WATER SYSTEM CAPITAL IMPROVEMENT PROJECTS

LEGEND

- Pressure Reducing Valve
- Ground Storage Tank
- Elevated Storage Tank
- Pump Station
- 8" and Smaller Water Line
- 10" and Larger Water Line
- NTMWD Water Line
- Road
- Railroad
- Stream
- Lake
- Parcel
- Town Limit
- ETJ Boundary
- County Boundary

PROPOSED IMPROVEMENTS

Under Design/Construction

- Elevated Storage Tank
- Ground Storage Tank
- Pump Station
- Water Line

5-Year Proposed Improvements

- Pressure Reducing Valve
- Water Line

10-Year Proposed Improvements

- Elevated Storage Tank
- Water Line

PRESSURE PLANES

- Upper Pressure Plane
- Lower Pressure Plane
- Transfer from UPP to LPP

Buildout Pump Station Improvements

16 Expand LPP Firm Pumping Capacity to 40 MGD (2034)

17 New 5 MG GST (2034)

The timing of projects shown is subject to change based on development patterns. The utility alignments shown in this figure are for illustration purposes only and do not set the alignments. The alignment of each utility will be determined at the time of the engineering design.

TOWN OF PROSPER

FREESE AND NICHOLS