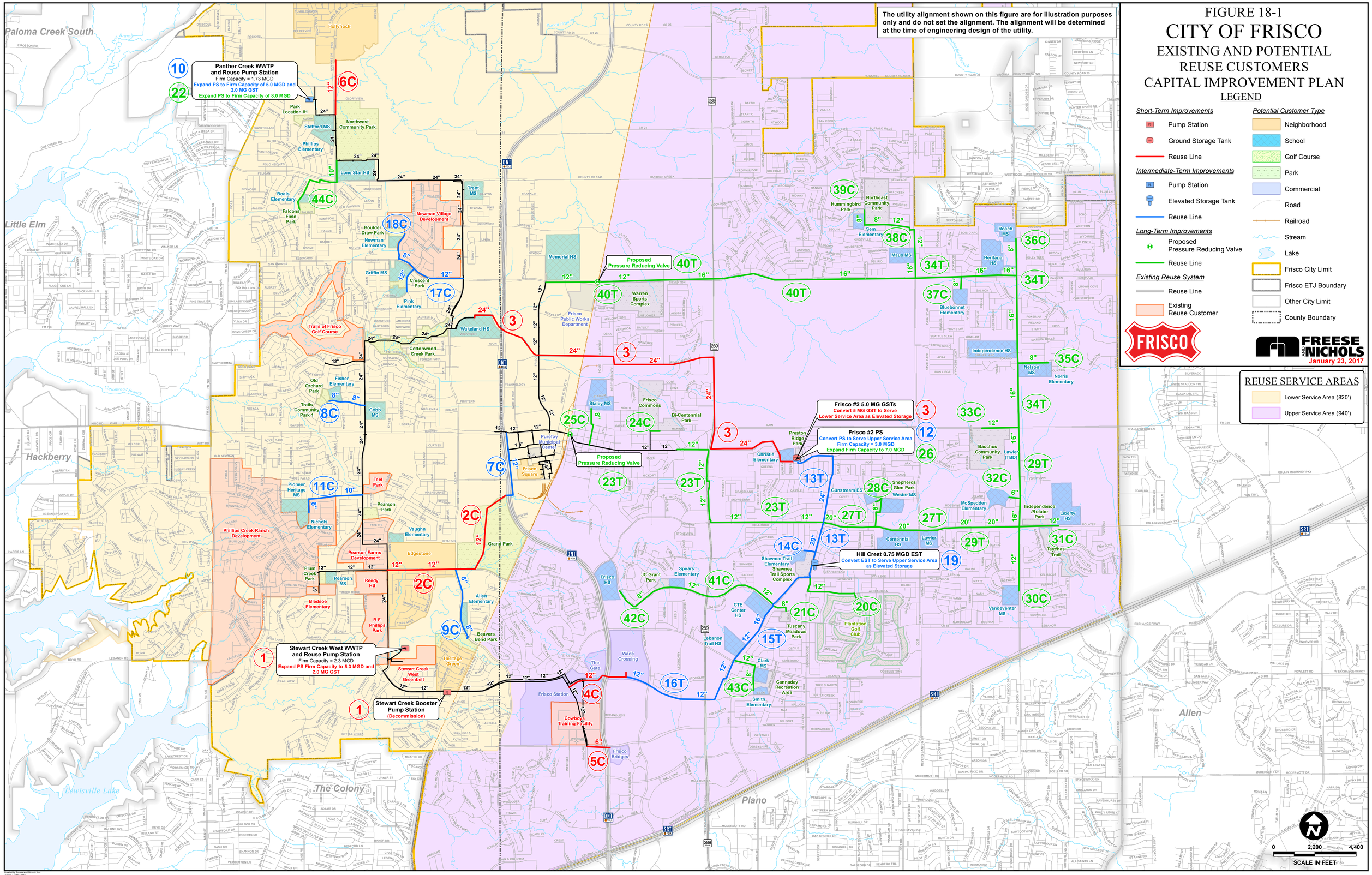

FIGURE 18-1
CITY OF FRISCO
EXISTING AND POTENTIAL REUSE CUSTOMERS
CAPITAL IMPROVEMENT PLAN
LEGEND
Short-Term Improvements
Pump Station
Ground Storage Tank
Reuse Line
Intermediate-Term Improvements
Pump Station
Elevated Storage Tank
Reuse Line
Long-Term Improvements
Proposed Pressure Reducing Valve
Reuse Line
Existing Reuse System
Reuse Line
Existing Reuse Customer
Potential Customer Type
Neighborhood
School
Golf Course
Park
Commercial
Road
Railroad
Stream
Lake
Frisco City Limit
Frisco ETJ Boundary
Other City Limit
County Boundary
FRISCO
FREESE AND NICHOLS
January 23, 2017
REUSE SERVICE AREAS
Lower Service Area (820')
Upper Service Area (940')
The utility alignment shown on this figure are for illustration purposes only and do not set the alignment. The alignment will be determined at the time of engineering design of the utility.
Panther Creek WWTP and Reuse Pump Station
Firm Capacity = 1.73 MGD
Expand PS to Firm Capacity of 5.0 MGD and 2.0 MG GST
Expand PS to Firm Capacity of 8.0 MGD
Stewart Creek West WWTP and Reuse Pump Station
Firm Capacity = 2.3 MGD
Expand PS Firm Capacity to 5.3 MGD and 2.0 MG GST
Stewart Creek Booster Pump Station
(Decommission)
Frisco #2 5.0 MG GSTs
Convert 5 MG GST to Serve Lower Service Area as Elevated Storage
Frisco #2 PS
Convert PS to Serve Upper Service Area
Firm Capacity = 3.0 MGD
Expand Firm Capacity to 7.0 MGD
Hill Crest 0.75 MGD EST
Convert EST to Serve Upper Service Area as Elevated Storage
Proposed Pressure Reducing Valve
Paloma Creek South
Little Elm
Hackberry
The Colony
Lewisville Lake
Plano
Allen
0
2,200
4,400
SCALE IN FEET