

APPENDIX A

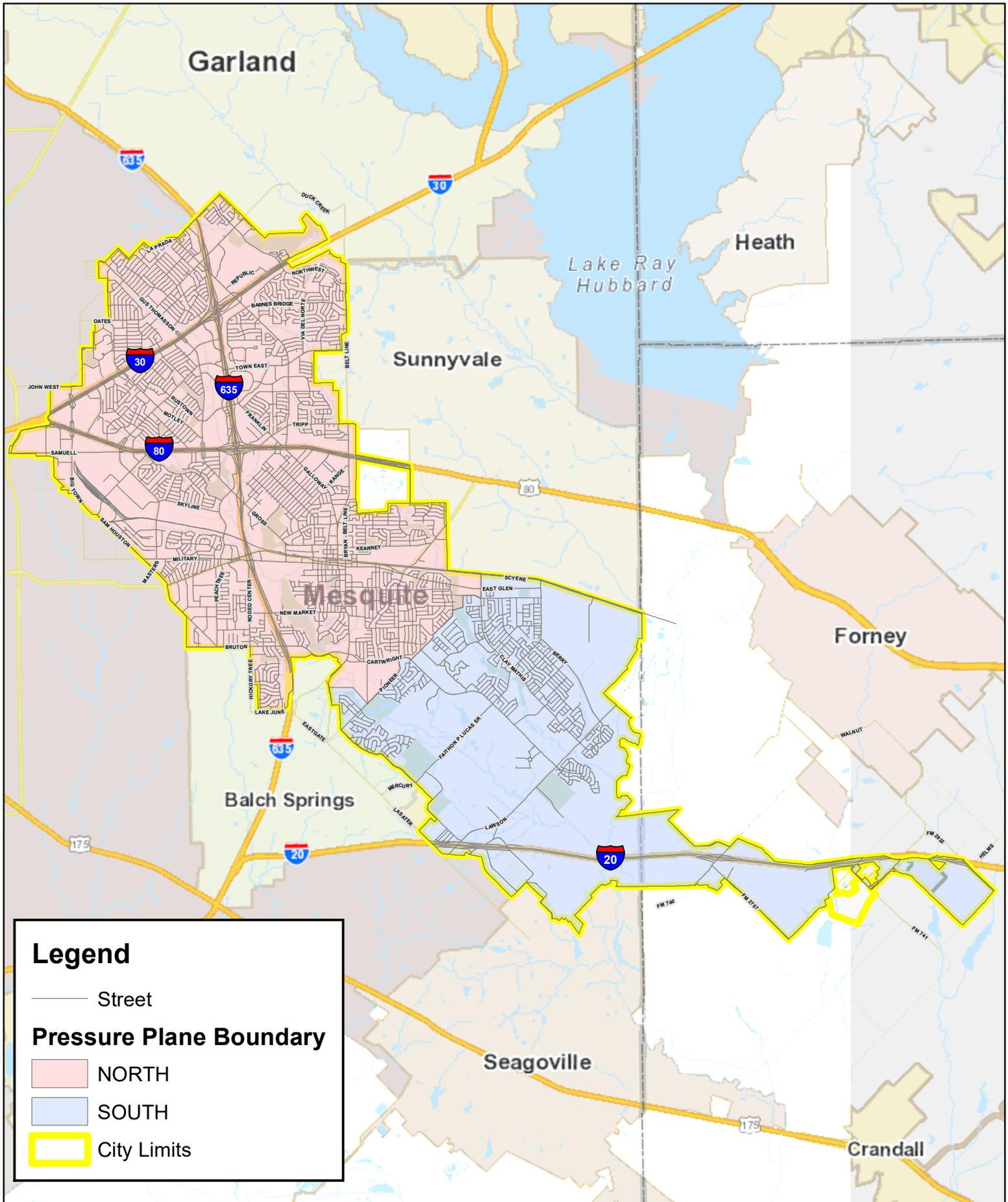
MISCELLANEOUS

MISCELLANEOUS DOCUMENTS

1. Water System Pressure Planes Map
2. Typical Encroachment Guidelines

The Engineer shall verify the current edition of the miscellaneous documents with the Engineering Division.

Pressure Plan Boundary Map



Typical Encroachments into Easements or Right-of-Way

Type of Encroachment	Right-of-Way	Water or Sewer Easement	Drainage Easement	Notes
Residential Building Overhangs (Eaves)	NA	YES	YES	Most residential houses have 18"-24" eave overhangs
Shrubs	YES	YES	MAYBE see notes	No - If in a open channel or overland flow route Yes – if an enclosed drainage system and not a visibility issue
Flower beds, ground cover and other heavy landscaping	YES	YES	YES	
Trees (ornamental - crepe myrtle, holly, etc)	YES	YES	MAYBE see notes	No - If in a open channel or overland flow route Yes – if an enclosed drainage system and not a visibility issue
Trees (shade – oak, pecan, etc)	YES	NO	NO	
Irrigation Systems including controllers, control wiring and valves and piping	YES	YES	YES	Need waiver of City liability waiver prior to permitting and installation
Hardscape Item like benches, grills, picnic benches	MAYBE	MAYBE	MAYBE	Permanent-NO, Portable-YES
Landscaping Boulders	NO	NO	NO	
Bollards	NO	MAYBE	NO	
Flag Poles	NO	NO	NO	
Service Station air/water pumps	NO	NO	NO	
Fence (Privacy/not flow through)	NO	YES	NO	
Fence (Wrought iron/flow through)	NO	YES IF...	YES IF...	YES for crossing, NO for parallel
Screening walls – masonry and wrought iron	BY PD ONLY	YES IF...	NO	YES for crossing, NO for parallel
Signs (including larger pole signs or monument type ground signs)	NO	MAYBE	MAYBE	YES for monument, NO for pole, except NO for drainage overflow
Private lighting standards with associated electrical conduit and conductors	NO	YES IF...	YES IF...	YES for crossing, NO for parallel
Sheds	NO	NO	NO	
Paving	YES- Driveways	YES	YES	
Playground equipment	NO	YES	YES	
Basketball Hoops and goals	NO	MAYBE	MAYBE	Permanent-NO, Portable-YES

Exercise Equipment	NO	MAYBE	MAYBE	Permanent-NO, Portable-YES
Pools and associated pumping, filtration and piping systems	NO	NO	NO	
Dumpster pads and enclosures	NO	NO	MAYBE	No - If in a open channel or overland flow route Yes – if an enclosed drainage system and not a visibility issue
Residential trashcan pads and racks – often found in alley ROW	YES	YES	YES	

*If an encroachment is shown to be allowed, it must still meet all the design criteria in the Engineering Design Manual