

Floodplain Fill Permit Neighborhood Meeting FP 24-09

**14707 Lasater Road on
East Fork Trinity Tributary 1.1 & Lumley Tributary
February 19, 2025**



**Olivia Whittaker, P.E., CFM
Senior Engineer**

**Floodplain Management
Dallas Water Utilities**



Attendees

City of Dallas – Floodplain Management

- **David Phan - Interim Senior Program Manager**
- **Olivia Whittaker - Senior Engineer**
- **Tam Vu – Floodplain Coordinator**

Engineer

- **Jill Trevino, P.E., CFM – Trevino Water Engineering**
- **Warren Hilla, P.E. – Dynamic Engineering Consultants**

Property Owner

- **Tyler Collins – First Step Homes**



Attendees

Welcome and thank you for joining us. Please let us know who is joining us!

Register your attendance by:

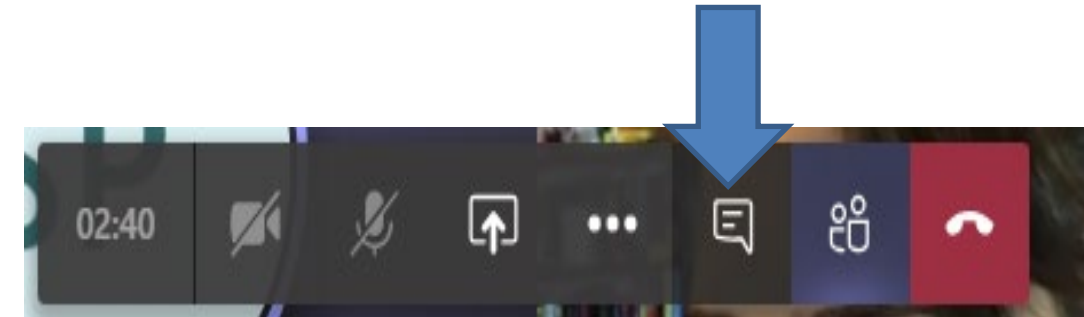
- **Either entering your name and email into the chat window to your right**
- **By stating your name and e-mail on the phone if you called in**
- **Or by emailing Olivia Whittaker at Olivia.Whittaker@dallas.gov**



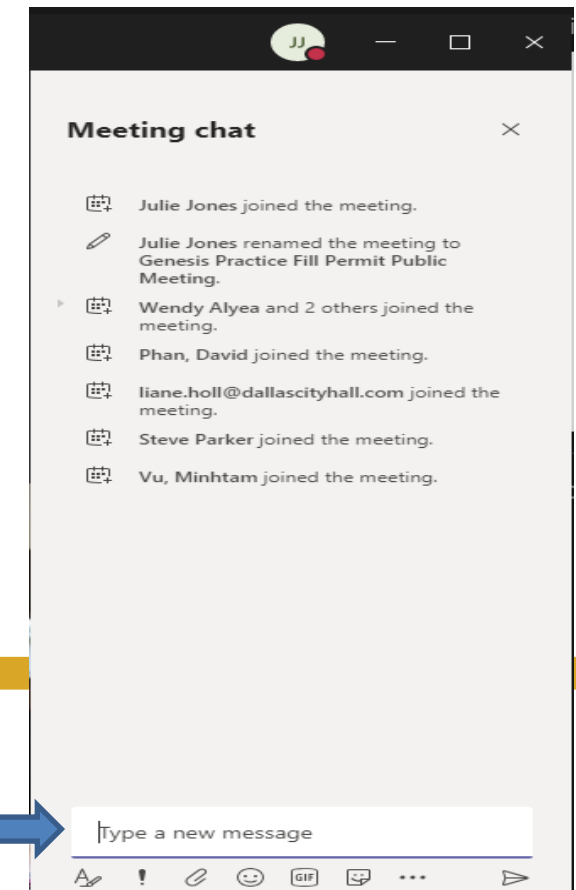
Chat Function

Click on the Chat icon

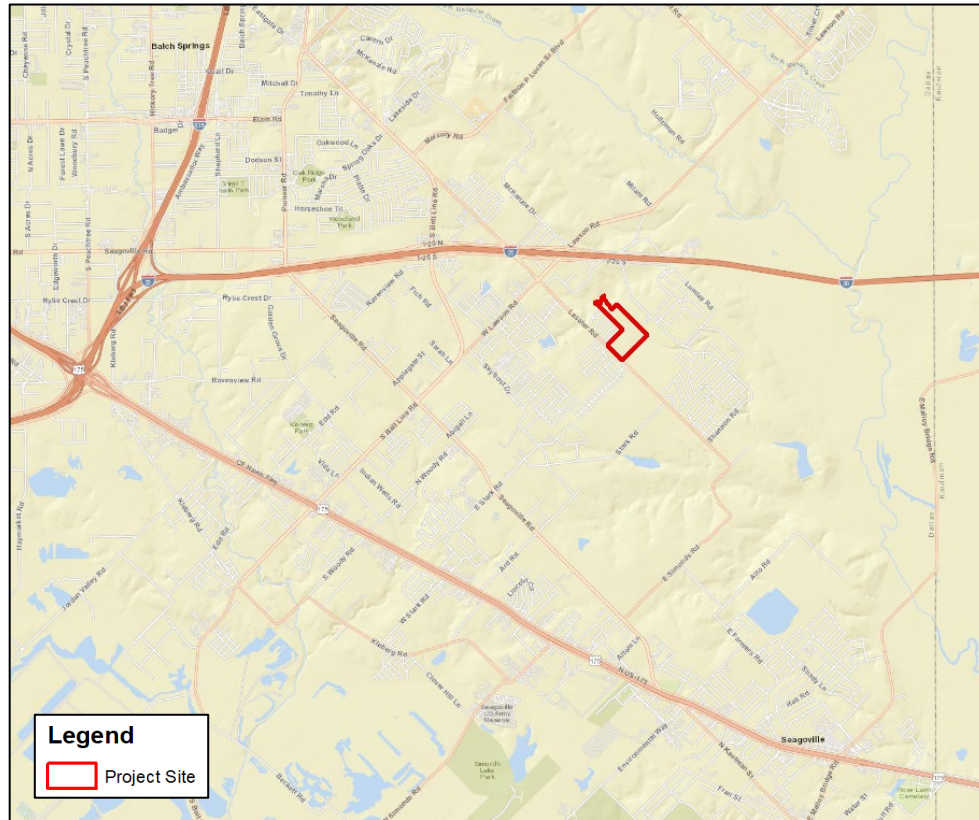
- It may be at the bottom of the screen or at the top right



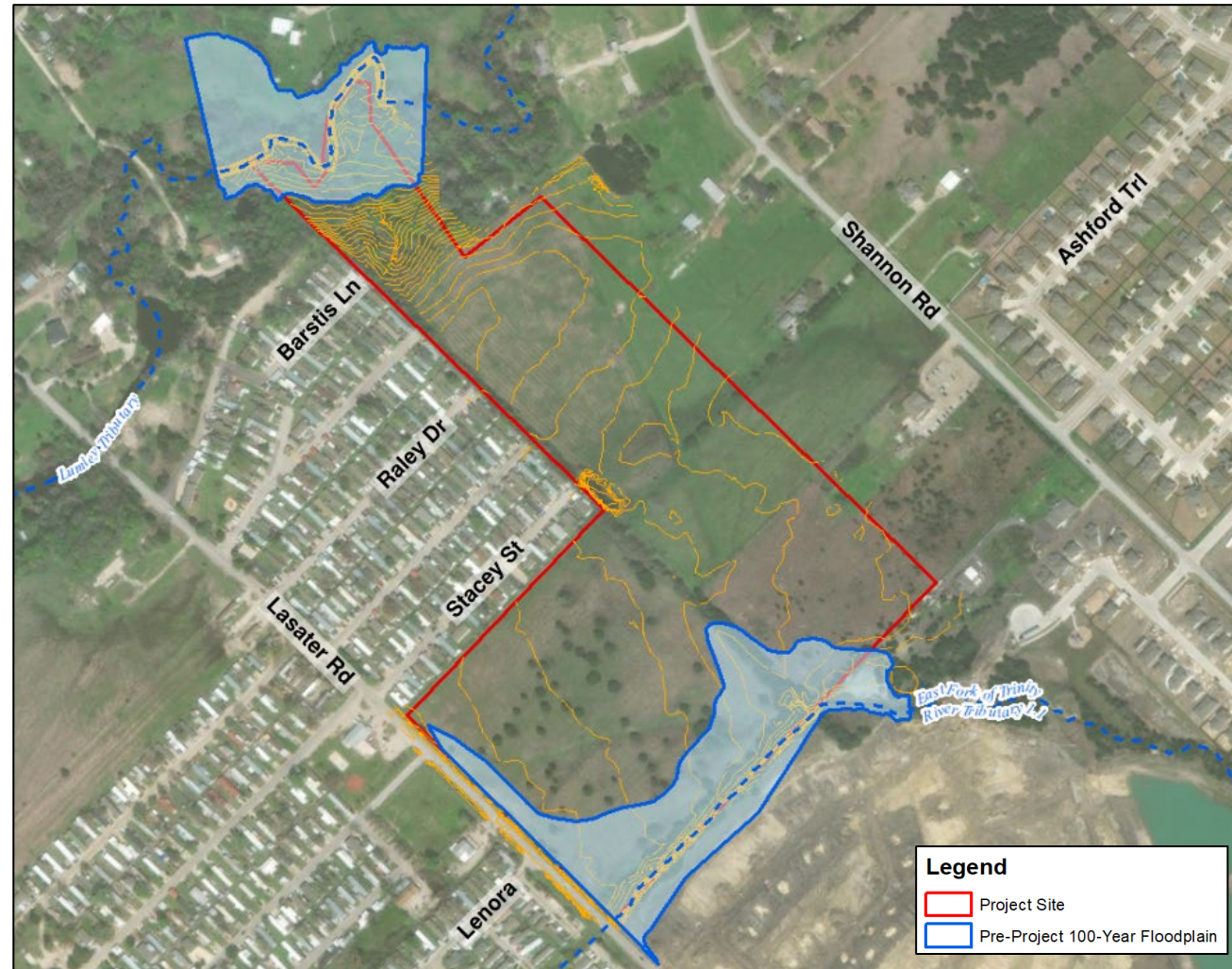
- You can then type into the chat function for your introduction or with any questions



Project Location



Pre-Project 100-Year Floodplain



Why is a Permit Required?

Dallas Development Code prohibits the deposition or storage of fill, placement of a structure, excavation, or any other development activity in the 100-year floodplain unless a fill permit is first obtained.

- **100-Year Floodplain: the flood event having a 1% chance of being equaled or exceeded in any given year.**



Why is a Permit Required?

No adverse impact policy.

- **Not allow development that will flood or cause flooding to others.**

City of Dallas is a member of National Flood Insurance Program (NFIP) and must enforce our floodplain regulations.



General Criteria the City Considers

10-Engineering criteria for no adverse impact to the floodplain – All 10 must be met. Below are a few of the criteria:

- **No rise in existing water surface**
- **No increase in erosive velocities**
- **Storage calculations**
- **Landscape and erosion control plans**

Ecological criteria

Recreational criteria



Fill Permit Approval Timeline

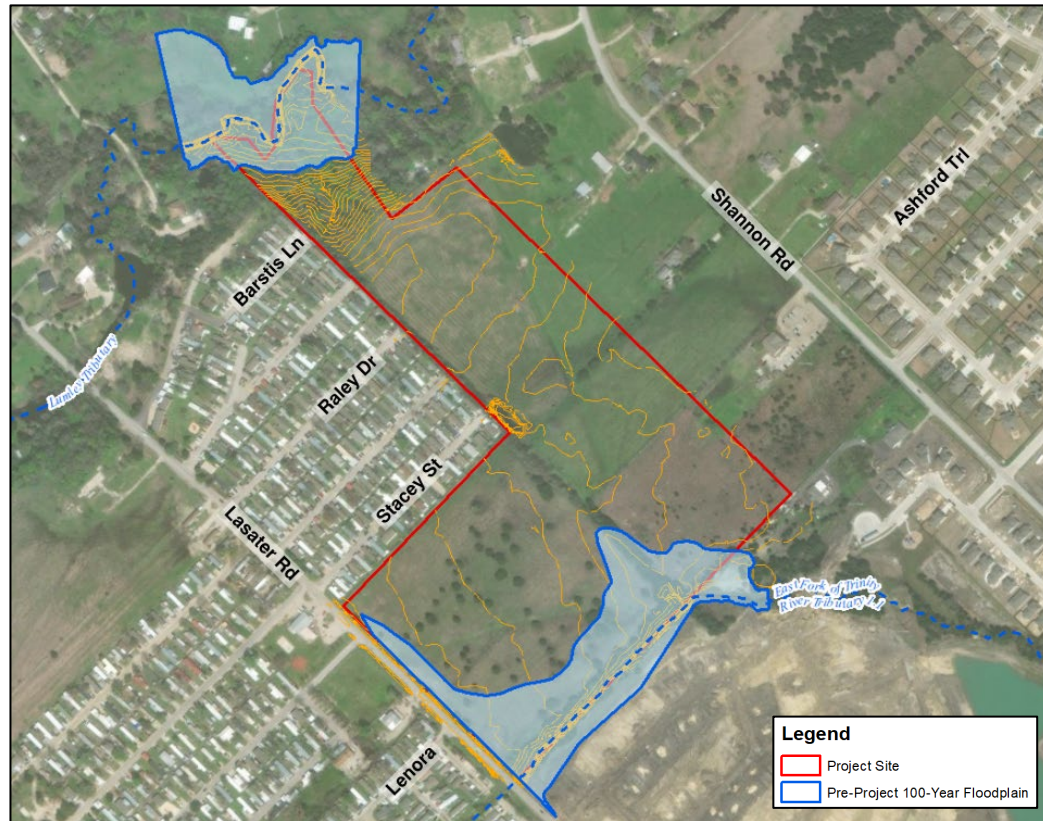
You Are Here



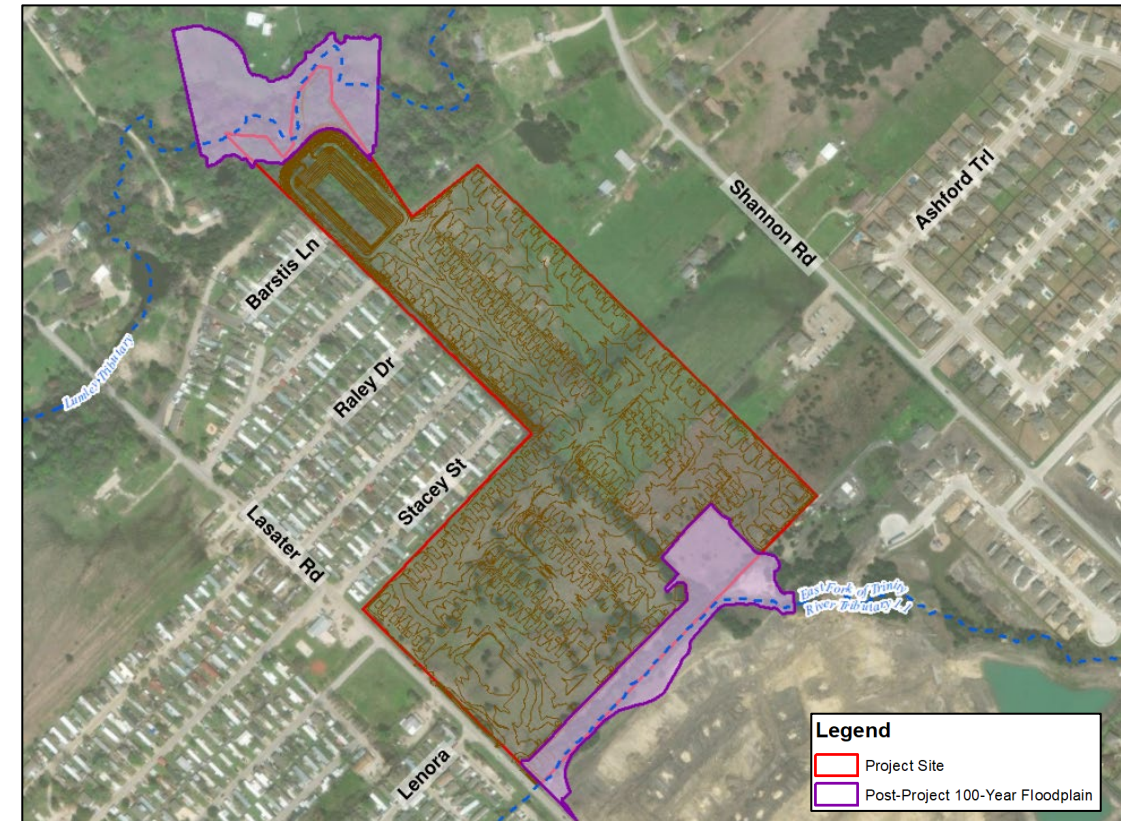
Takes Approximately 6 Months to 1 Year



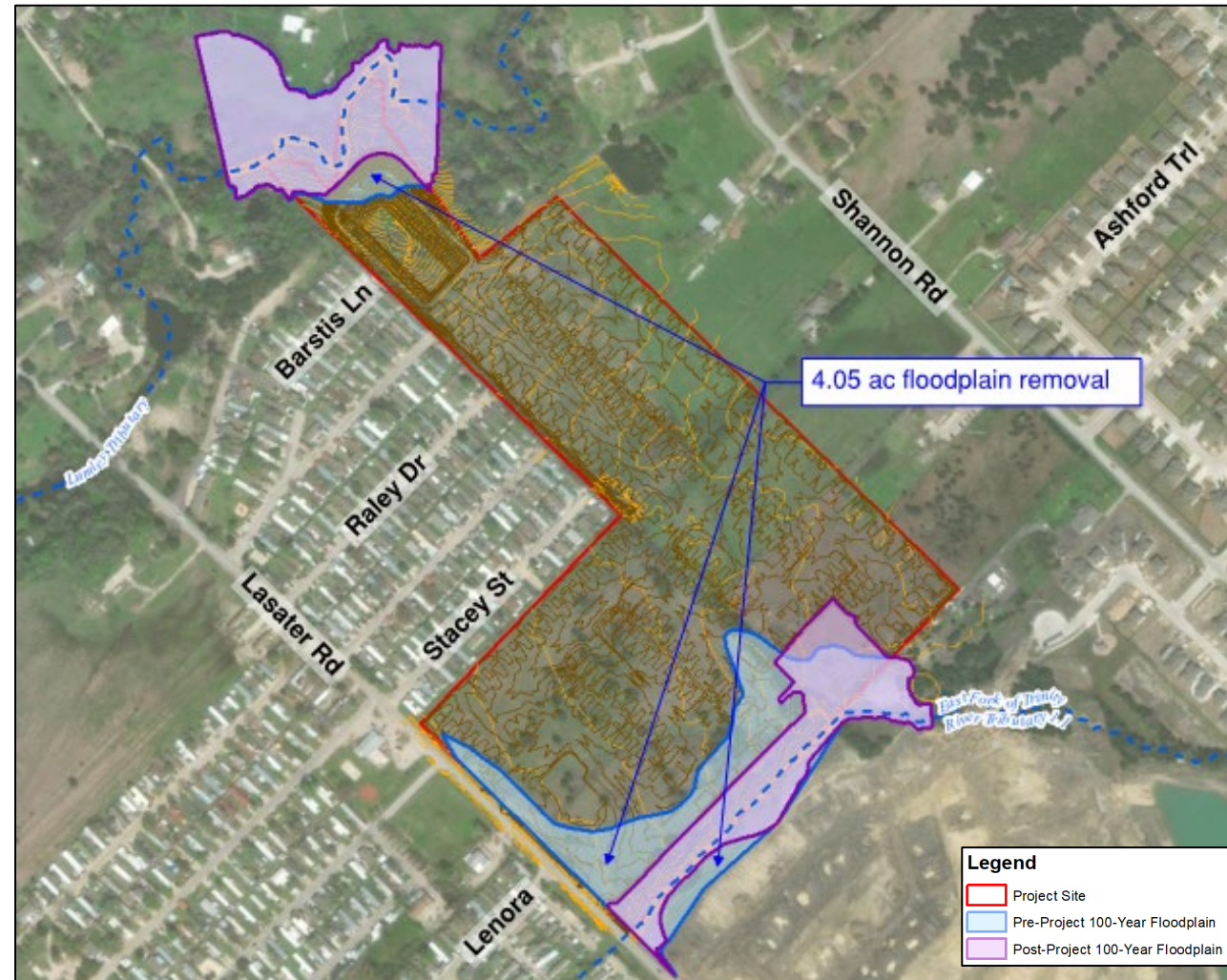
Pre-Project FP



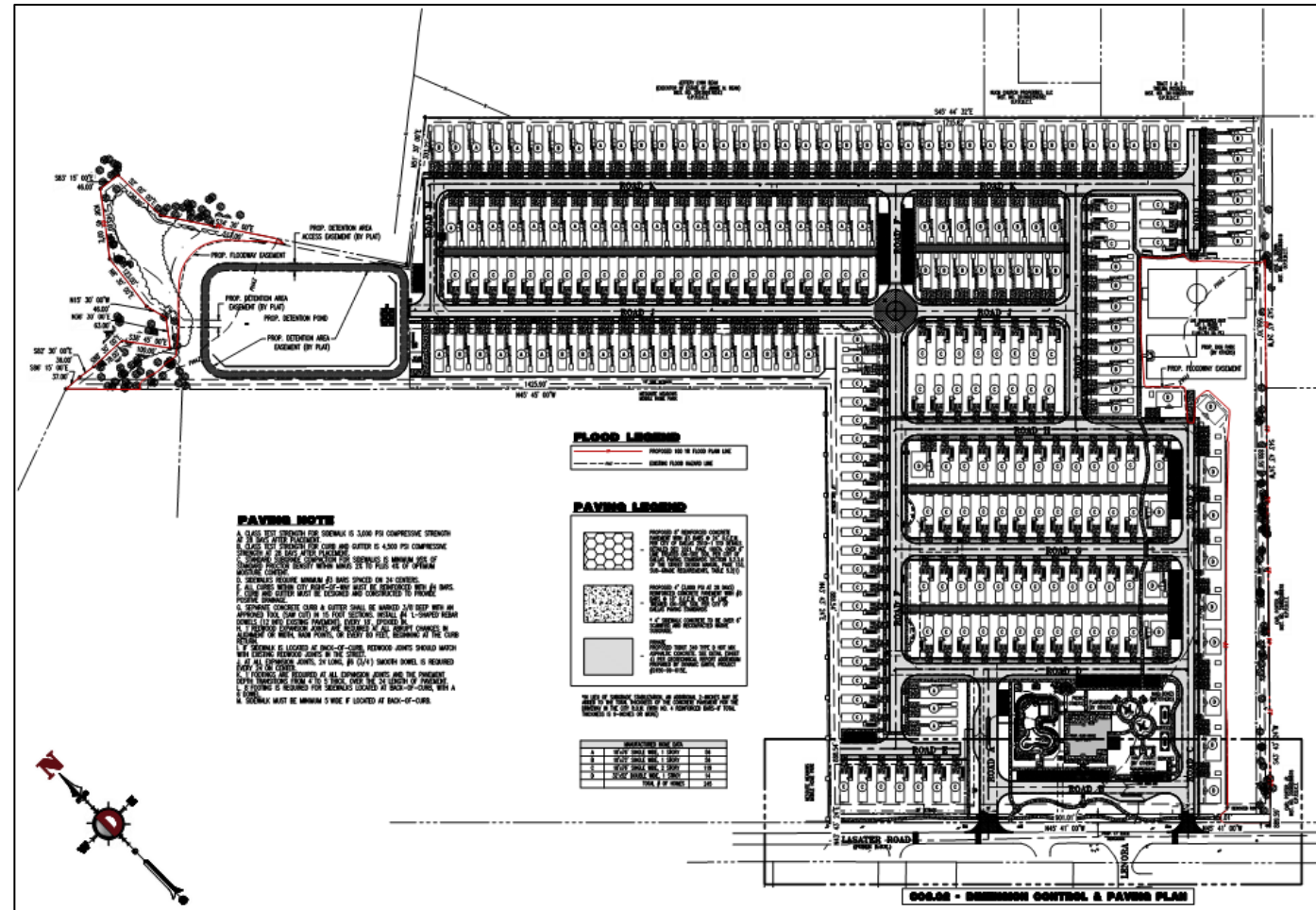
Post-Project FP



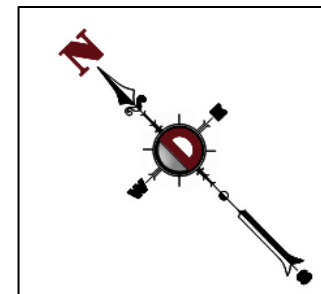
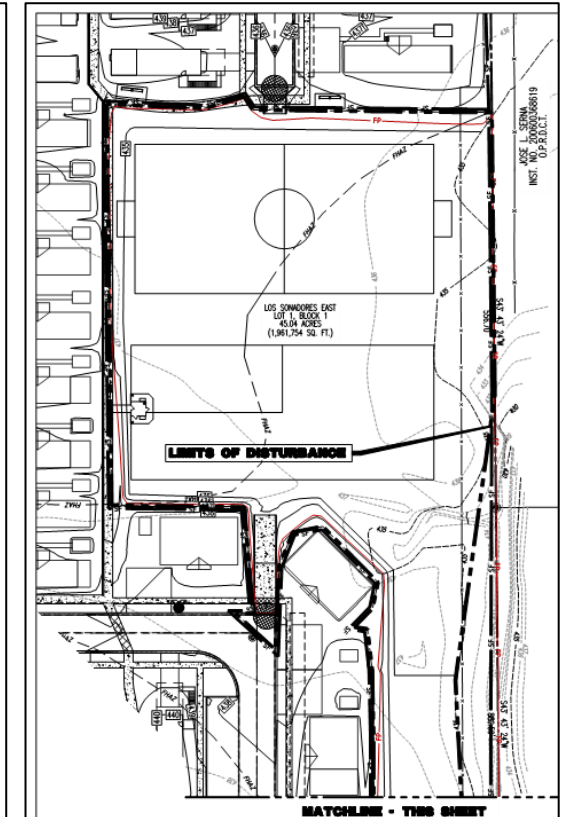
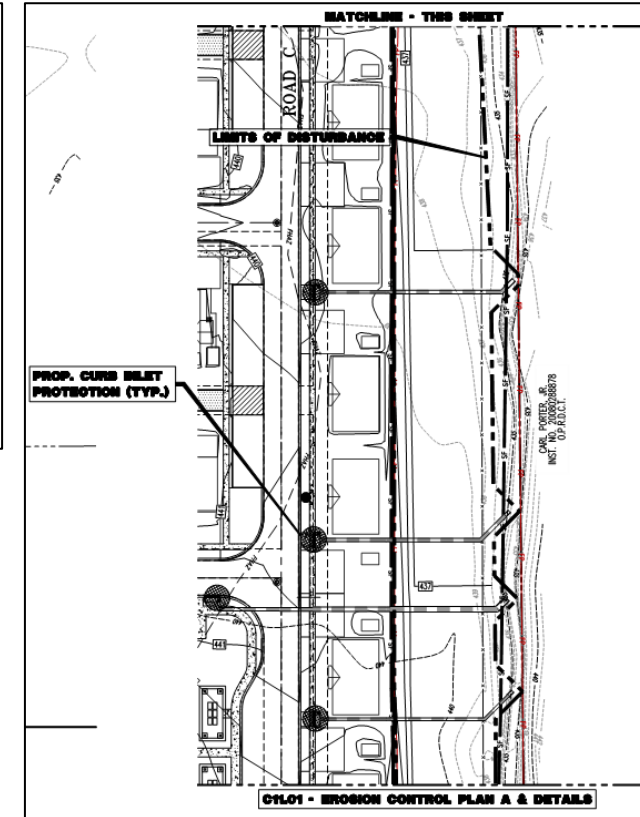
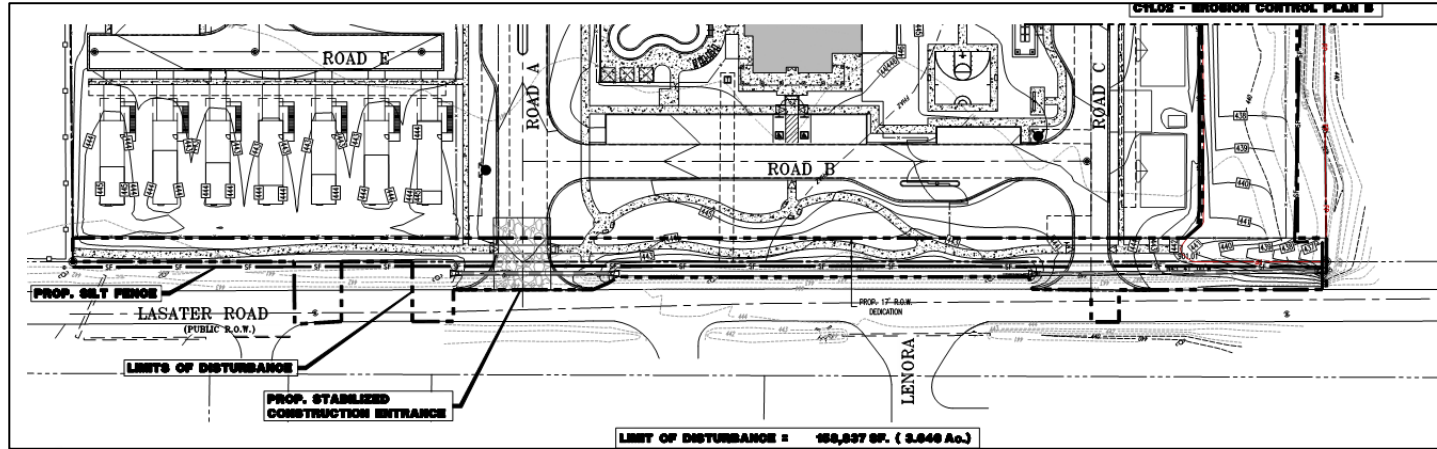
FP Reclamation



Proposed Site Plan



Erosion Control Plan

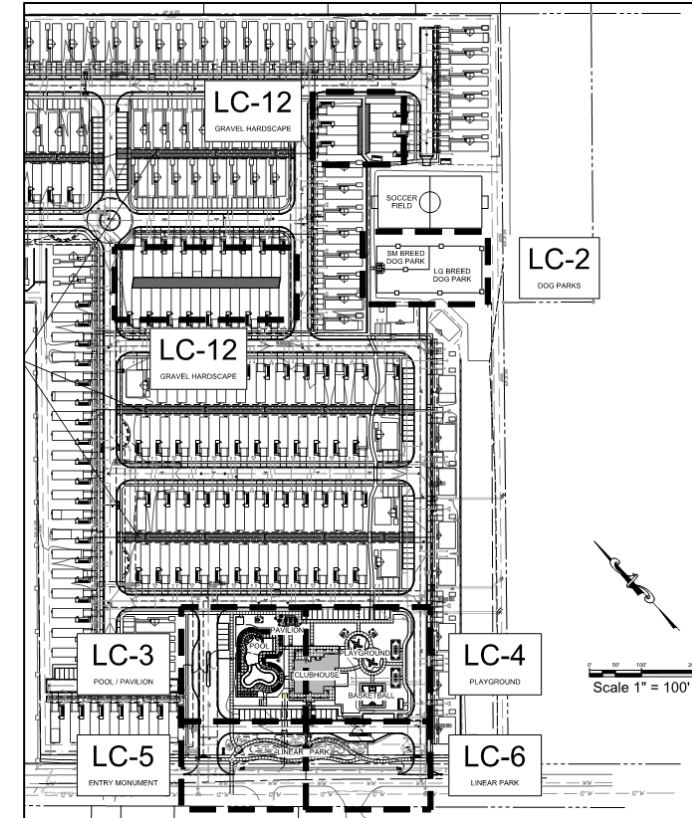
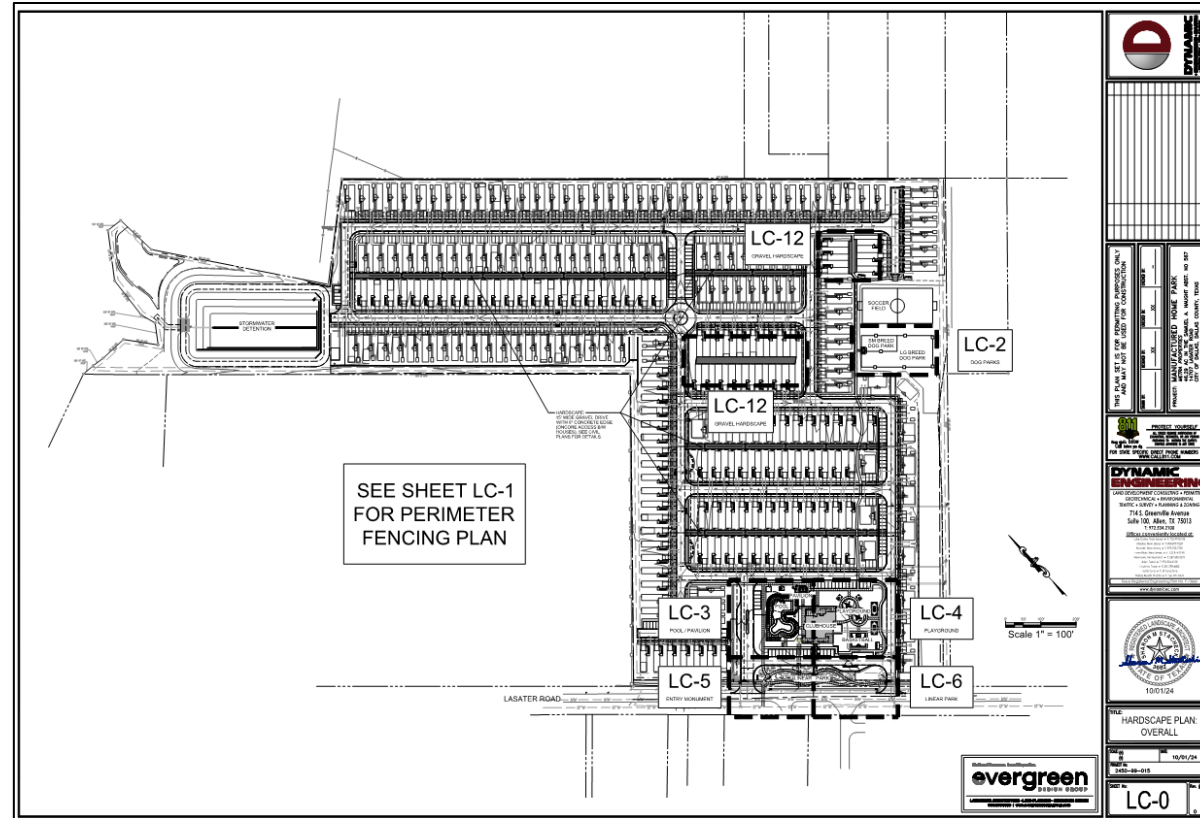


| FLOOD LEGEND | |
|--------------|---------------------------------|
| | PROPOSED 100 YR FLOOD PLAN LINE |
| | EXISTING FLOOD HAZARD LINE |

| EROSION CONTROL LEGEND | |
|------------------------|----------------------------------|
| | PROP. LIMIT OF DISTURBANCE LINE |
| | PROP. SILT FENCE LINE |
| | PROP. TREE PROTECTION FENCE LINE |
| | PROP. ROCK CHECK DAM |
| | PROP. ORGANIC FILTER BASIN |
| | PROP. CONSTRUCTION ENTRANCE |
| | PROP. HYDRULE |
| | PROP. INLET PROTECTION |



Landscape Plan



QUESTIONS?

- **Ask them aloud**
- **Type them into the chat**
- **Or email Olivia Whittaker at Olivia.Whittaker@dallas.gov**

A copy of this presentation will be posted here:

<https://dallascityhall.com/departments/waterutilities/stormwater-operations/Pages/FloodplainandDrainageManagement.aspx>



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