

---

# City of Tomball Lizzie Lane Drainage

June 17, 2024

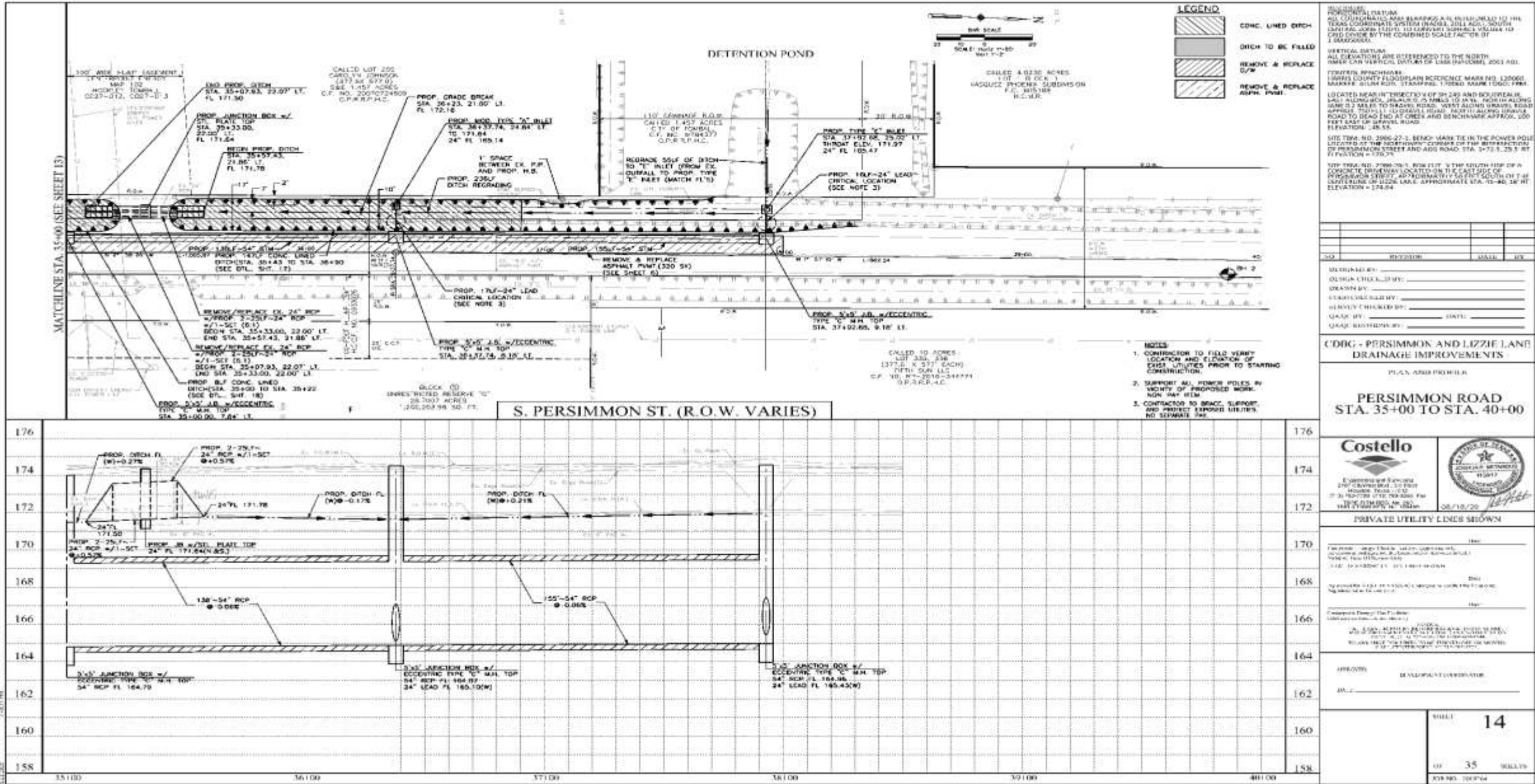


# Discussion Topics

- Lizzie Ln and South Persimmon Drainage Projects
  - Initial Project started in 2020
  - Current Project for improvements
  - Future Projects for improvements



# Initial Project started in 2020



**LEGEND**

- CONC. LINED DITCH
- DITCH TO BE FILLED
- REMOVE & REPLACE D/W
- REMOVE & REPLACE ASPH. PAVT.

**NOTES**

- CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION OF EXIST. UTILITIES PRIOR TO STARTING CONSTRUCTION.
- SUPPORT ALL POWER POLES IN VICINITY OF PROPOSED WORK. NON-WAY ITEM.
- CONTRACTOR TO BRACE, SUPPORT, AND PROTECT EXPOSED UTILITIES. NO SEPARATE DET.

**REVISIONS**

**VERTICAL DATUM**  
ALL ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83), 2011 ADJ.

**CENTRAL POINT MARK**  
HARRIS COUNTY FLOODPLAIN INCISION MARK NO. 120060, MARKER: 51184 RD, STATION: 13000, MARK: 10000.

**LOCATED NEAR INTERSECTION OF** 240 AND 501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000.

**DATE:** 08/18/20

**PROJECT:** PERSIMMON ROAD STA. 35+00 TO STA. 40+00

**CLIENT:** COSTELLO

**DESIGNER:** [Signature]

**APPROVED:** [Signature]

**DATE:** 08/18/20

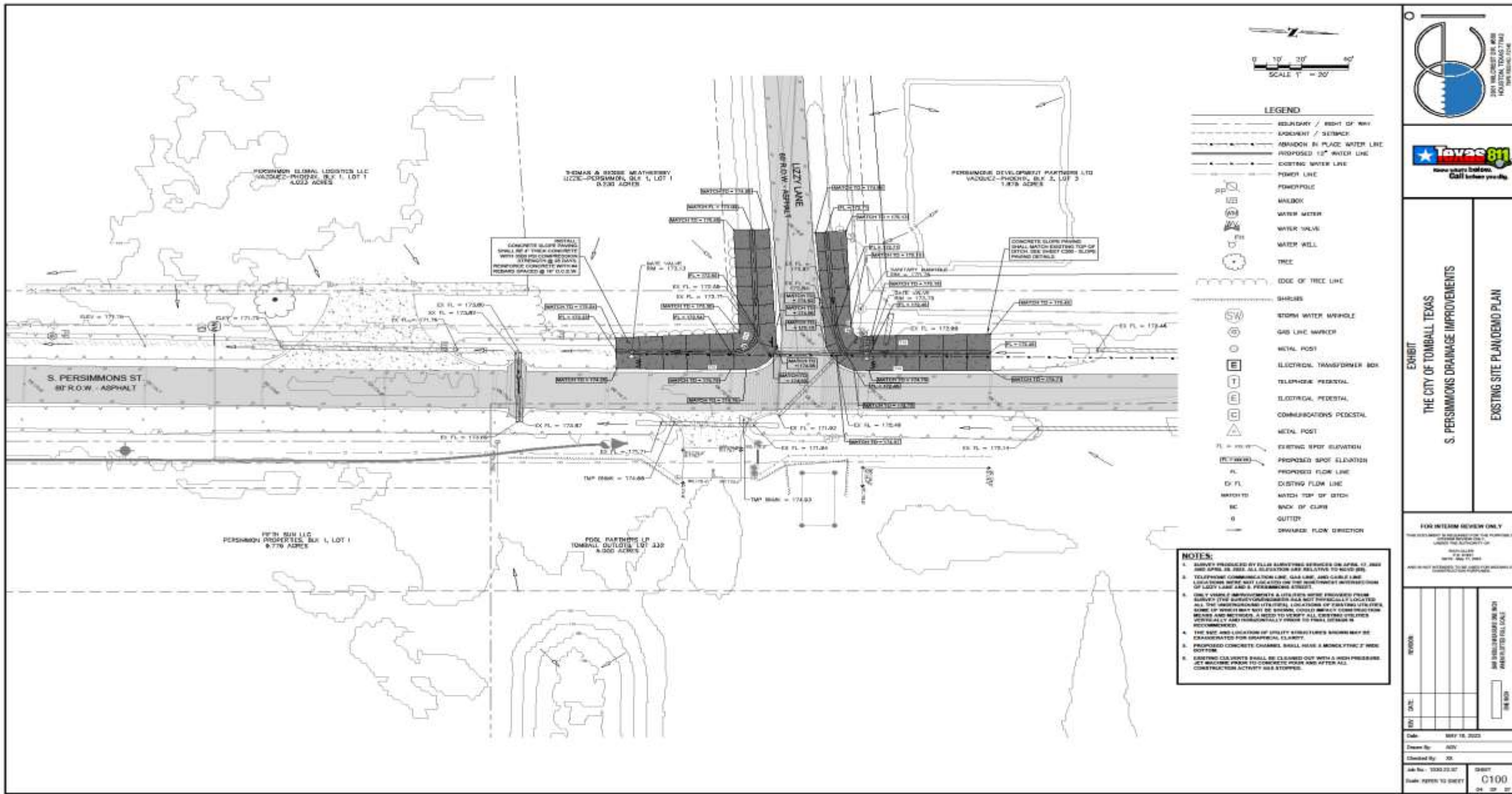
**PROJECT NO.:** 2020-001

**SHEET:** 14

**OF:** 35 SHEETS

**DATE:** 08/18/20

# Current Project



- NOTES:**
1. SURVEY PROVIDED BY FIELD SURVEYING SERVICES ON APRIL 17, 2023 AND APRIL 28, 2023. ALL ELEVATIONS ARE RELATIVE TO NGVD83.
  2. TELEPHONE COMMUNICATIONS FROM GAS LINE AND CABLE LINE LOCATIONS WERE NOT LOCATED ON THE SURVEY. INTERFERENCES TO LIZZY LANE AND S. PERSIMMONS STREET.
  3. ONLY VISUAL INTERFERENCES & UTILITIES WERE PROVIDED FROM SURVEY. (SEE SURVEY NOTES) AS NOT PREVIOUSLY LOCATED. ALL THE UNDERGROUND UTILITIES, LOCATIONS OF STAKEOUT UTILITIES, SOME OF WHICH MAY BE SHOWN, CANNOT BE ACCURATELY DETERMINED. MEASUREMENTS AND METHODS A NEED TO VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO THIS DESIGN IS RECOMMENDED.
  4. THE SIZE AND LOCATION OF UTILITY STRUCTURES SHOWN MAY BE EXAGGERATED FOR GRAPHICAL CLARITY.
  5. PROPOSED CONCRETE CHANNEL SHALL HAVE A MONOTONIC 2" WIDE BOTTOM.
  6. EXISTING CURBS SHALL BE CLEARED OUT WITH A HIGH PRESSURE JET MACHINE PRIOR TO CONCRETE POUR AND AFTER ALL CONSTRUCTION ACTIVITY HAS STOPPED.



EXHIBIT  
THE CITY OF TOMBALL, TEXAS  
S. PERSIMMONS DRAINAGE IMPROVEMENTS  
EXISTING SITE PLAN/DEM PLAN

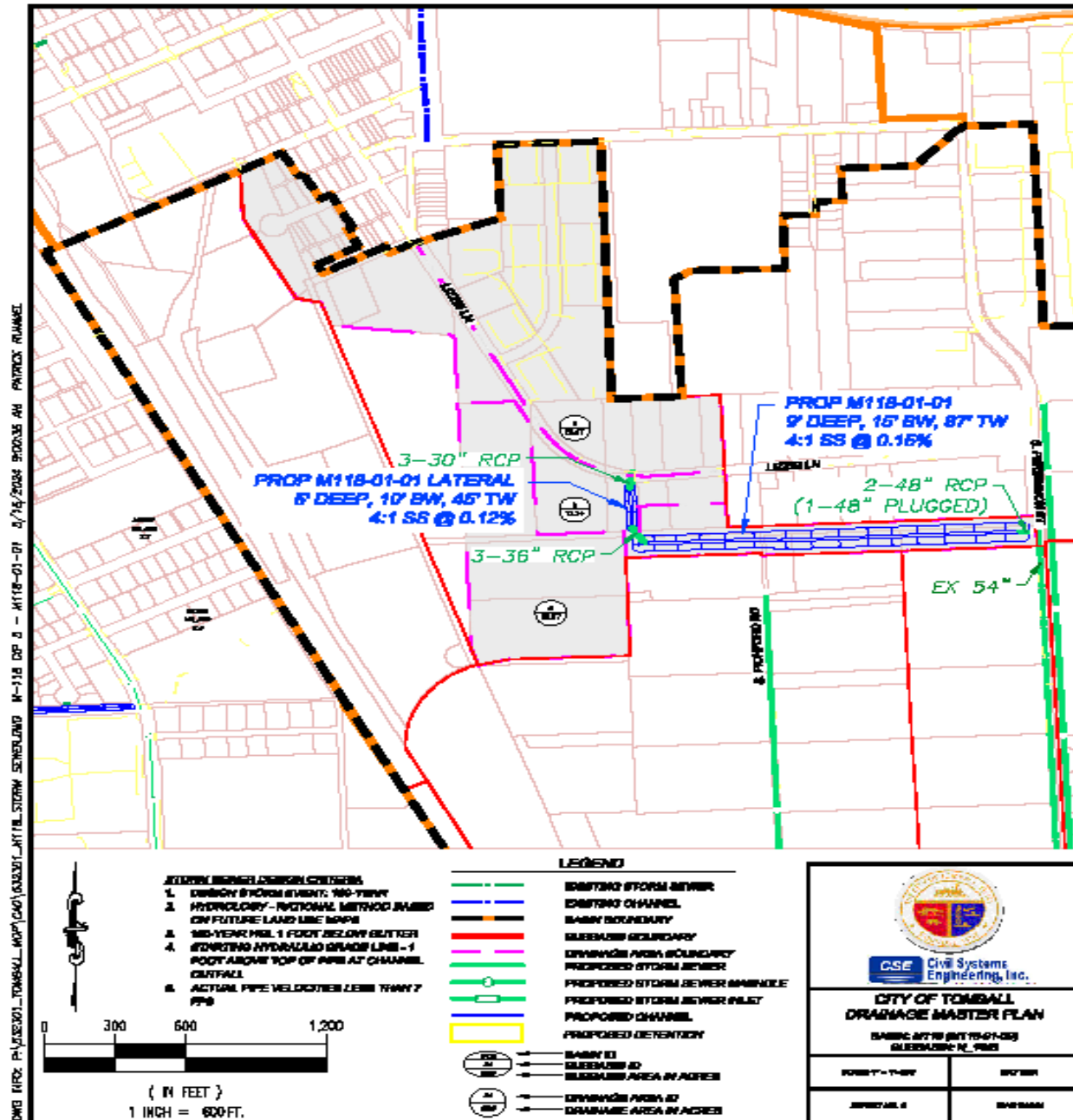
FOR INTERIM REVIEW ONLY  
THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF PERSSIMONS DEVELOPMENT PARTNERS LTD. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF PERSSIMONS DEVELOPMENT PARTNERS LTD.

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
|      |      |             |
|      |      |             |
|      |      |             |

DATE: 08/18/2023  
 DRAWN BY: ASV  
 CHECKED BY: XZ  
 JOB NO.: 153023.07  
 SHEET NO.: 0100  
 TOTAL SHEETS: 02

153023.07\_0100\_0100.dwg (153023.07) - 24 - Rev 01 - 08/18/2023 - 10:00 AM - 153023.07\_0100\_0100.dwg  
 153023.07\_0100\_0100.dwg (153023.07) - 24 - Rev 01 - 08/18/2023 - 10:00 AM - 153023.07\_0100\_0100.dwg  
 153023.07\_0100\_0100.dwg (153023.07) - 24 - Rev 01 - 08/18/2023 - 10:00 AM - 153023.07\_0100\_0100.dwg  
 153023.07\_0100\_0100.dwg (153023.07) - 24 - Rev 01 - 08/18/2023 - 10:00 AM - 153023.07\_0100\_0100.dwg

# Future Projects



# Congressman Hunt's Grant Request

## South Persimmon Street and Timkin Road – Road, Utility, and Drainage Improvements and Extension

**Intended Recipient:** City of Tomball

**Recipient Address:** 401 Market Street, Tomball, TX 77375

**Amount:** \$3,000,000

[Signed Financial Disclosure Letter](#)

**Request Explanation:** The project will increase traffic capacity and improve drainage along South Persimmon Street and Timkin Road. This is a good use of taxpayer funds because it will reduce flood risk and provide the city with a safer major north-south arterial, creating more safe capacity for school and commercial traffic.

- Project: **Phase 2 – S. Persimmon and Timkin Street – Road, Utility, and Drainage** Improvements and Extension
- Intended Recipient: The City of Tomball, TX
- Address: 401 Market St.
- Amount: \$22,000,000
- Request Explanation: S. Persimmon Road currently connects to FM 2920 (Main St.) and extends south to the city limits which is Holderrieth Road. A project widening Persimmon from FM 2920 south to Lizzie Lane will allow for additional capacity for traffic and will improve drainage conveyance for the area.



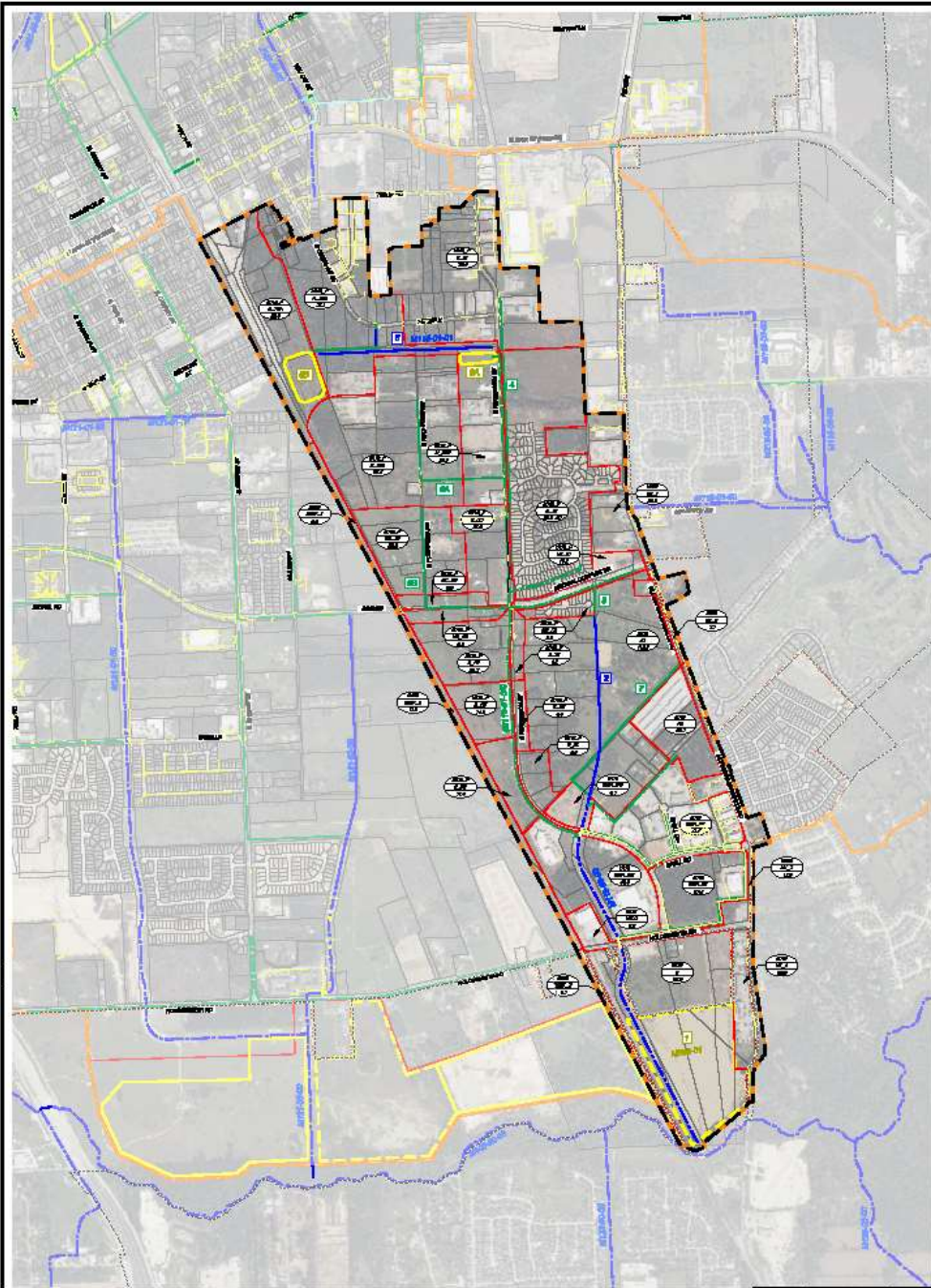
---

# Questions?





C:\BDC\AUDIT\AUD\3582301 - SUBBASIN AND PONDAS.DWG 4/11/18 SUBBASIN 5/14/2018 12:05:14 PM PATRICK RUMMEL



- STORM DESIGN CRITERIA**
1. DESIGN STORM EVENT: 100-YEAR
  2. HYDROLOGY - RATIONAL METHOD BASED ON FUTURE LAND USE SCENARIO
  3. 100-YR 1% 4 FOOT BELOW GUTTER
  4. STARTING HYDRAULIC GRADE LINE - TOP OF PIPE AT

- LEGEND**
- EXISTING STORM DRAIN
  - EXISTING CHANNEL
  - PROPOSED CHANNEL
  - SUBBASIN BOUNDARY

