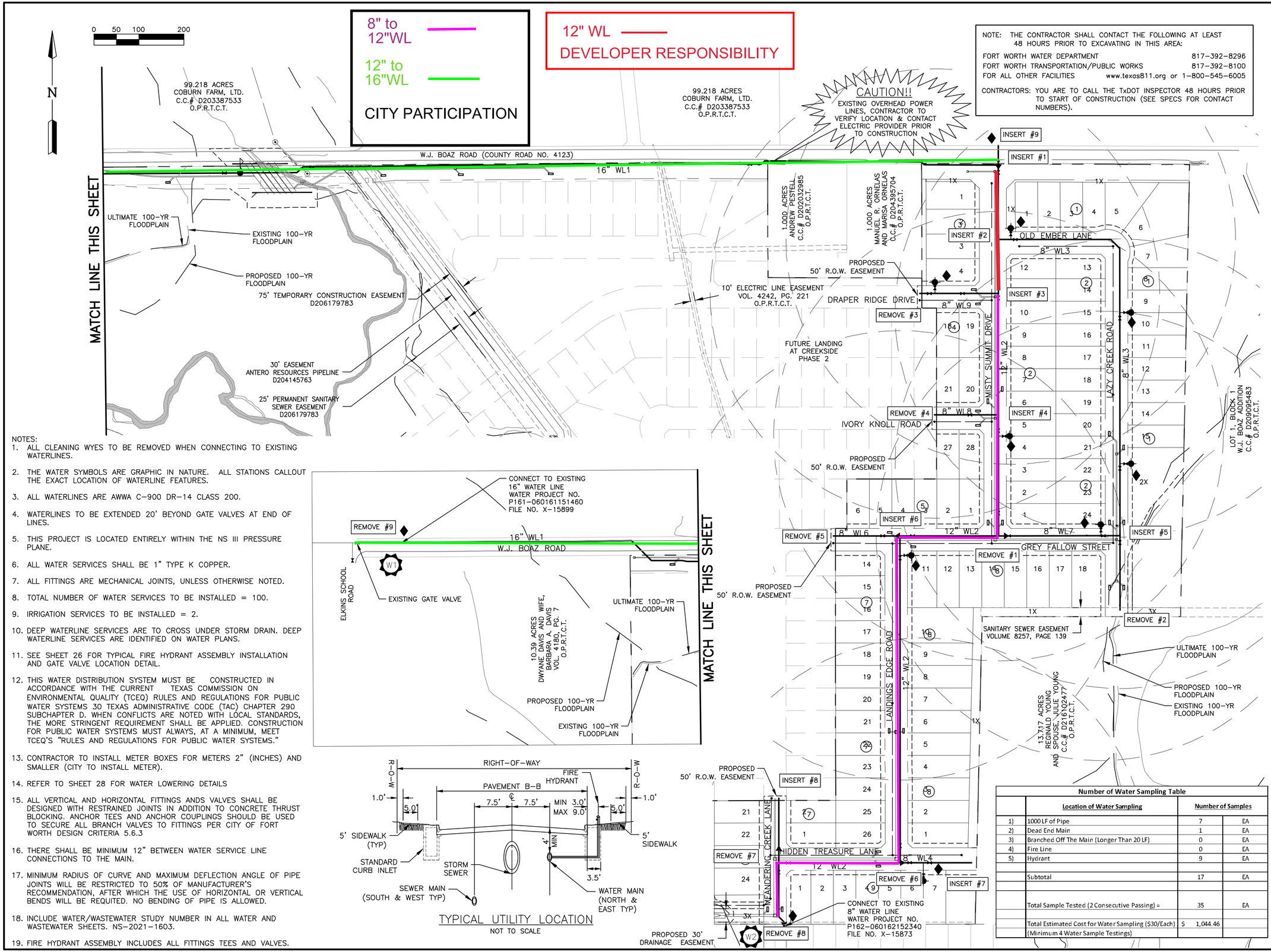

NOTES:

1. ALL CLEANING WYES TO BE REMOVED WHEN CONNECTING TO EXISTING WATERLINES.
2. THE WATER SYMBOLS ARE GRAPHIC IN NATURE. ALL STATIONS CALLOUT THE EXACT LOCATION OF WATERLINE FEATURES.
3. ALL WATERLINES ARE AWWA C-900 DR-14 CLASS 200.
4. WATERLINES TO BE EXTENDED 20' BEYOND GATE VALVES AT END OF LINES.
5. THIS PROJECT IS LOCATED ENTIRELY WITHIN THE NS III PRESSURE PLANE.
6. ALL WATER SERVICES SHALL BE 1" TYPE K COPPER.
7. ALL FITTINGS ARE MECHANICAL JOINTS, UNLESS OTHERWISE NOTED.
8. TOTAL NUMBER OF WATER SERVICES TO BE INSTALLED = 100.
9. IRRIGATION SERVICES TO BE INSTALLED = 2.
10. DEEP WATERLINE SERVICES ARE TO CROSS UNDER STORM DRAIN. DEEP WATERLINE SERVICES ARE IDENTIFIED ON WATER PLANS.
11. SEE SHEET 26 FOR TYPICAL FIRE HYDRANT ASSEMBLY INSTALLATION AND GATE VALVE LOCATION DETAIL.
12. THIS WATER DISTRIBUTION SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS 30 TEXAS ADMINISTRATIVE CODE (TAC) CHAPTER 290 SUBCHAPTER D. WHEN CONFLICTS ARE NOTED WITH LOCAL STANDARDS, THE MORE STRINGENT REQUIREMENT SHALL BE APPLIED. CONSTRUCTION FOR PUBLIC WATER SYSTEMS MUST ALWAYS, AT A MINIMUM, MEET TCEQ'S "RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS."
13. CONTRACTOR TO INSTALL METER BOXES FOR METERS 2" (INCHES) AND SMALLER (CITY TO INSTALL METER).
14. REFER TO SHEET 28 FOR WATER LOWERING DETAILS
15. ALL VERTICAL AND HORIZONTAL FITTINGS ANDS VALVES SHALL BE DESIGNED WITH RESTRAINED JOINTS IN ADDITION TO CONCRETE THRUST BLOCKING. ANCHOR TEES AND ANCHOR COUPLINGS SHOULD BE USED TO SECURE ALL BRANCH VALVES TO FITTINGS PER CITY OF FORT WORTH DESIGN CRITERIA 5.6.3
16. THERE SHALL BE MINIMUM 12" BETWEEN WATER SERVICE LINE CONNECTIONS TO THE MAIN.
17. MINIMUM RADIUS OF CURVE AND MAXIMUM DEFLECTION ANGLE OF PIPE JOINTS WILL BE RESTRICTED TO 50% OF MANUFACTURER'S RECOMMENDATION, AFTER WHICH THE USE OF HORIZONTAL OR VERTICAL BENDS WILL BE REQUITED. NO BENDING OF PIPE IS ALLOWED.
18. INCLUDE WATER/WASTEWATER STUDY NUMBER IN ALL WATER AND WASTEWATER SHEETS. NS-2021-1603.
19. FIRE HYDRANT ASSEMBLY INCLUDES ALL FITTINGS TEES AND VALVES.

Number of Water Sampling Table

	Location of Water Sampling	Number of Samples	
1)	1000 LF of Pipe	7	EA
2)	Dead End Main	1	EA
3)	Branched Off The Main (Longer Than 20 LF)	0	EA
4)	Fire Line	0	EA
5)	Hydrant	9	EA
	Subtotal	17	EA
	Total Sample Tested (2 Consecutive Passing) =	35	EA
	Total Estimated Cost for Water Sampling ($30/Each) (Minimum 4 Water Sample Testings)	$ 1,044.46	

LEGEND

- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED WATER LINE
- EXISTING WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED FIRE HYDRANT COVERAGE
- WATER SAMPLE LOCATION
- W1 CONNECT TO WATER LINE (UNDER CONSTRUCTION) WPN 161-060161151460 FILE NO. X-15899
- W2 CONNECT TO WATER LINE (UNDER CONSTRUCTION) WPN 162-060162152340 FILE NO. X-15873
- INSERT # - INSERT POLY PIG
- REMOVE # - REMOVE POLY PIG, INSTALL CLEANING WYE, REMOVE CLEANING WYE AFTER COMPLETION OF PIPE CLEANING

BENCHMARKS:

CoFW BM#9104
ON W.J. BOAZ ROAD APPROXIMATELY 0.1 MILE EAST OF SAM CANTEY ROAD ON A CULVERT UNDER W.J. BOAZ ROAD FOR A CREEK RUNNING NORTH TO SOUTH. SET IN THE SOUTHEAST CORNER OF CULVERT HEADWALL LEVEL WITH ROAD A STAMPED CITY MONUMENT #9140 SET FLUSH WITH CONCRETE. (N32°52'11.14211", W97°24'27.95487")
ELEV 775.426

CoFW BM#9110
ON W.J. BOAZ ROAD APPROXIMATELY 0.3 MILE WEST OF OLD DECATUR ROAD ON A CULVERT UNDER W.J. BOAZ ROAD FOR A CREEK RUNNING SOUTH. SET IN THE SOUTHEAST CORNER OF CULVERT HEADWALL LEVEL WITH ROAD A STAMPED CITY MONUMENT #9140 SET FLUSH WITH CONCRETE. (N32°52'10.84253", W97°23'48.24177")
ELEV 768.566

DATE	REVISION	BY

OVERALL WATER PLAN

Landing at Creekside Phase 1

CITY OF FORT WORTH
TARRANT COUNTY, TEXAS

LJA Engineering, Inc.
3017 W 7th Street
Suite 300
Fort Worth, Texas 76107
Phone 469.621.0710
FRN - F-1386

DESIGN: FORTUNE
DRAWN: BROOME
LJA PROJECT ID NT600-0163
DATE: FEBRUARY 2022
SCALE
HORZ: 1" = 100'
VERT: N/A

STATE OF TEXAS
PETER E. PURDY
126254
LICENSED
PROFESSIONAL ENGINEER
04/06/2022

SHEET 6 OF 95 SHEETS

LANDING AT CREEKSIDE - PHASE 1