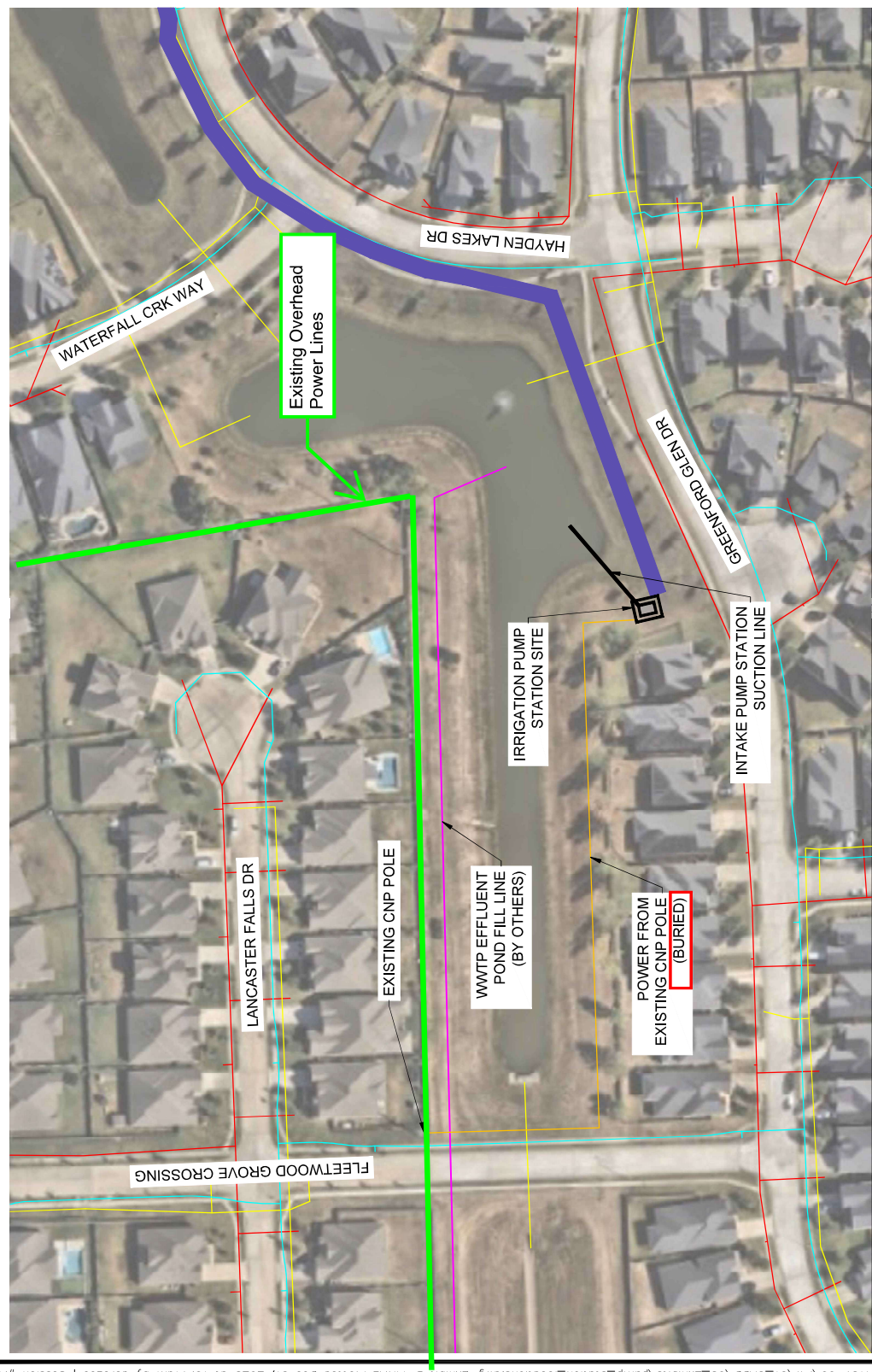
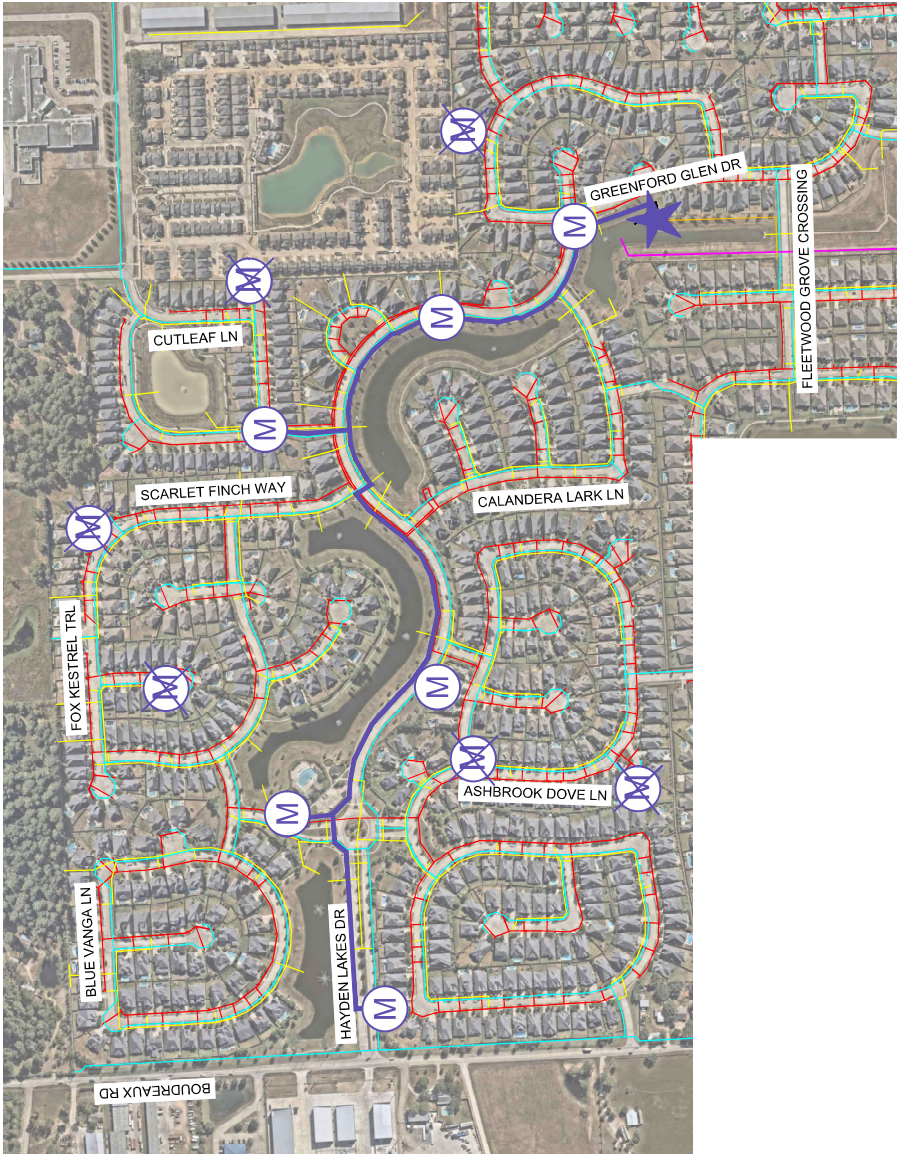


LEGEND

- EXISTING WATER LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- PROPOSED IRRIGATION LINE LOCATION

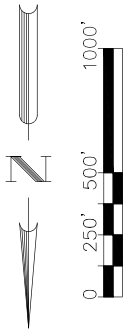


NORTHWEST HARRIS COUNTY MUD NO. 5		
 BCE Inc. 10777 Westheimer, Suite 400, Houston, TX 77042 Tel: 281-558-6700 • www.bceinc.com TSP #C Registration No. 1-1240	REUSE IRRIGATION PUMP STATION	
	IRRIGATION PUMP STATION #2	
	HAYDEN LAKES SUBDIVISION	
DATE DECEMBER 2025	PROJECT # 15715-00	EXHIBIT B



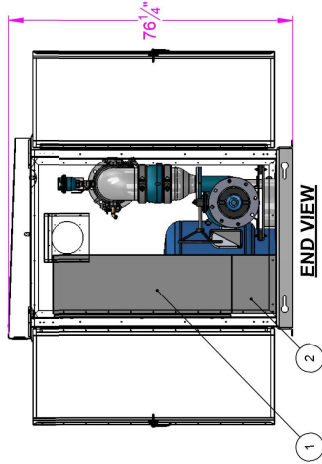
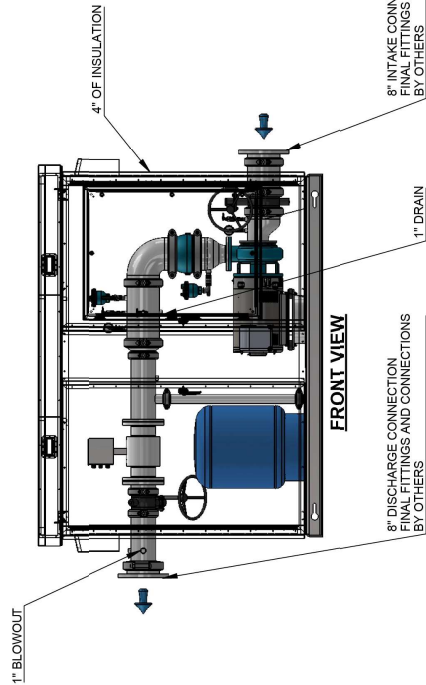
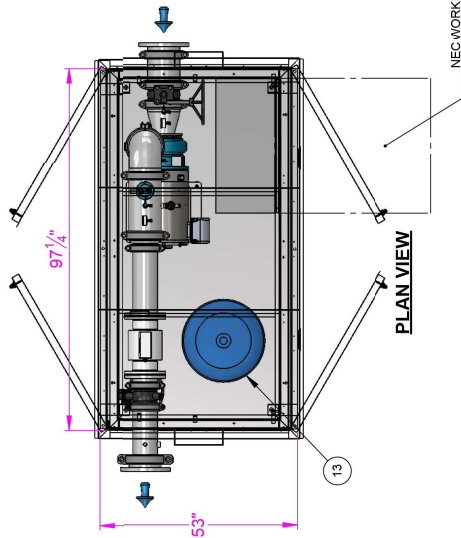
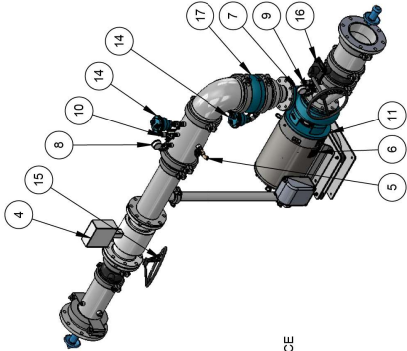
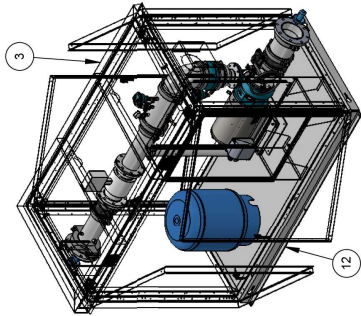
LEGEND

- EXISTING WATER LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- PROPOSED IRRIGATION LINE LOCATION
- PROPOSED IRRIGATION PUMP STATION LOCATION
- EXISTING IRRIGATION METER MODIFICATIONS AND CONNECTIONS
- EXISTING IRRIGATION METER THAT WILL REMAIN ON POTABLE WATER AND NOT CONNECT TO PROPOSED IRRIGATION PUMP STATION LINE



NORTHWEST HARRIS COUNTY MUD NO. 5	
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REUSE IRRIGATION PUMP STATION	
IRRIGATION LAYOUT FOR HAYDEN LAKES SUBDIVISION	
DATE DECEMBER 2025	PROJECT # 15715-00
EXHIBIT D	

DESIGN SPECIFICATIONS				
Design Point:		750 GPM @ 80 PSI Boost		
Intake Pressure:		- PSI		
Duty Pump:		80 HP/Pump 750 GPM @ 200 TDH		
Incoming Power:		480 Volt / 3 Phase		
Model #	ITEM NO.	DESCRIPTION	Size	QTY.
	1	CONTROL PANEL	48"x36"x16"	1
	2	CONTROL PANEL, FEET	12X16	2
	3	ENCLOSURE, MARINE GRADE ALUMINUM W/ INSULATION	48"x96"x66"	1
	4	FLOW METER, BADGER	6"	1
	5	HOSE BIB	3/4"	1
	6	MOTOR, 3800 RPM, ODP	60 HP	1
	7	PRESSURE GAUGE, 100PSI	2-1/2"	1
	8	PRESSURE GAUGE, 200 PSI	2-1/2"	1
	9	PRESSURE TRANSMITTER, 100PSI	1/4"	1
	10	PRESSURE TRANSMITTER, 200PSI	1/4"	1
	11	PUMP, CENTRIFUGAL	10BF	1
	12	SKID, BENT	48"x96"	1
	13	TANK, PRESSURE	44Gal	1
	14	VALVE, AIR RELIEF	3/4"	2
	15	VALVE, BUTTERFLY, GROOVE, GEAR-OP	6"	1
	16	VALVE, BUTTERFLY, GROOVE, GEAR-OP	8"	1
	17	VALVE, CHECK, GROOVED	8"	1



NOTE:
PROPOSED ENCLOSURE WILL BE SURROUNDED
WITH SCREENING TO PREVENT VISUAL MATCH
THE EXISTING HOA LANDSCAPING DESIGN.
ENGINEER WILL REACH OUT TO HOA FOR
APPROVAL OF TYPE OF VEGETATION THAT SHALL
BE USED FOR SCREENING PRIOR TO FINAL DESIGN.

NORTHWEST HARRIS COUNTY MUD NO. 5	
 BGE Inc. 10777 Westheimer, Suite 400, Houston, TX 77042 Tel: 281-555-8300 • www.bgeinc.com EPA ID: Registration No. 1-1240	
REUSE IRRIGATION PUMP STATION	
IRRIGATION PUMP STATION LAYOUT	
DATE DECEMBER 2025	PROJECT # 14151-00
EXHIBIT E	