SCOPE OF WORK:

RECONDITION AND INSTALL 40,000 GPD PTU.

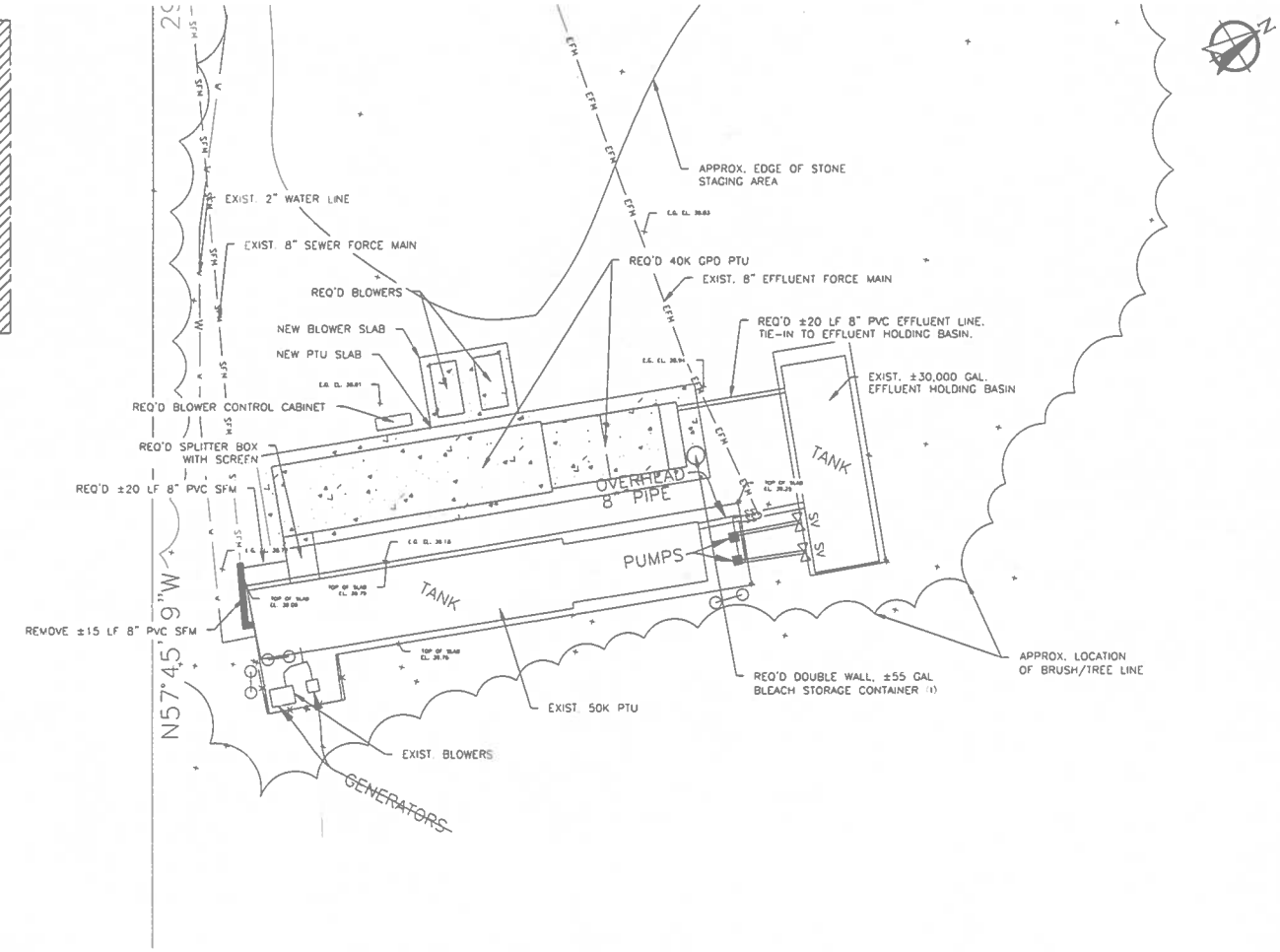
1. DIMENSION OF AERATION BASIN: 45'-7" X 12' X 11'
2. APPROX. SIDE WATER DEPTH OF PTU: 9'-6"
3. DIMENSION OF CLARIFIER: 20' X 10' X 11'
4. DIMENSION OF CONTACT CHAMBER: 3' X 10' X 6'

INSTALL AERATION SYSTEM INCLUDING DUPLEX BLOWER SYSTEM AND APPURTENANCES.

1. BLOWERS SHALL BE ROOTS 56 U-RAI OR APPROVED EQUAL.
2. MOTOR SHALL BE 15 HP 1750 RPM - 3 PH, 480 V.
3. AIR PRESSURE: 7 PSIG
4. AIR FLOW RATE: 300 CFM

DISINFECTION SHALL BE PROVIDE 12.5% SODIUM HYPOCHLORITE, DOSING TO BE FIELD DETERMINED.

Phase 1 - 0.09 MGD



PTU SITE PLAN

SCALE: 1" = 10'

NOTES:

1. PROPERTY BOUNDARIES ARE APPROXIMATE. PROPERTY BOUNDARIES AND PARCEL INFORMATION ARE BASED ST. TAMMANY ASSESSOR'S OFFICE AND BOUNDARY SURVEY COMPLETED 2020.
2. LOCATION OF PTU AND BLOWER SLABS ARE APPROXIMATE.
3. LOCATION OF SPLITTER BOX, SCREEN AND SUPPORT STRUCTURE ARE APPROXIMATE.
4. ONE BLOWER PACKAGE SHALL BE INSTALLED TEMPORARILY.
5. EFFLUENT FROM 40K GPD PTU SHALL DISCHARGE INTO THE EXISTING EFFLUENT BASIN.

DEPT. OF UTILITIES

DEPT. OF UTILITIES
ST. TAMMANY PARISH GOVERNMENT
620 N. TYLER STREET
COVINGTON, LA 70433

No.	DESCRIPTION OF REVISION	DATE:
1.	REQUIRED HYPOCHLORITE CONTAINER	09/23

DESIGNED BY:	AMH
DRAWN BY:	AMH
CHECKED BY:	BM, DC
SUBMITTED BY:	SIPG-DU
PROJECT No.:	TU16000192
ISSUE DATE:	07/2023
APPROVED BY:	CPT
SHEET SIZE:	ANSI D
SCALE:	1" = 10'

07/20/2023

DEPARTMENT OF UTILITIES
GOODBEE REGIONAL WWTP
EMERGENCY REPAIRS
GOODBEE, LOUISIANA

PTU SITE PLAN

SHEET NO.
M-001
SHEET 6 OF 8