

- LEGEND:**
- SUPPLY LINE - 1 1/4" SCD 40.
 - FLUSH (RETURN) LINE - 1 1/4" SCD 40.
 - DRIP TUBING - 0.9 GPH NETAFIM DRIPLINE
 - SYSTEM SUPPLY - 2" FORCEMAIN FROM LIFT STATION
 - FLEX PVC LOOP
 - FLEX CONNECT
 - AIR RELIEF VALVE (PLACED AT HIGHEST POINT OF SYSTEM)
 - HEADWORKS, VALVE BOX UNIT, FLUSH VALVES, FILTER, PRESSURE AND FLOW METER. RECOMMEND AUTO FILTRATION SYSTEM WITH AUTO FIELD FLUSH. SEE ATTACHED HEADWORKS DETAILS DIAGRAM.
 - SOIL BORING LOCATIONS
- PRE-TREATMENT TANK:**
- ① BUILT-IN 277 GAL CHAMBER WITHIN CEN5 ATU
- TREATMENT TANK:**
- ② PROPOSED SINGLE FUJI CLEAN USA CEN5 ATU
- DOSING TANK:**
- ③ PROPOSED 1309 GAL INFILTRATOR CM 1060 DOSING TANK. SINGLE CHAMBER. (*PER APPROVAL LISTING, IF TANK USED A DOSING TANK, IT IS 1309 GAL)

SCALE
1"=30'

NOTES:

SEE ATTACHED WORKSHEETS FOR FIELD FLOW AND PUMP SIZE CALCULATIONS AND DETAILS.

DRAINFIELD:
DRAINFIELD SHALL HAVE 10 LATERALS (10 LINES OR 5 LOOPS); TOTAL DRIP TUBE LENGTH PROPOSED IS 224 LF WHICH CORRESPONDS TO 448 SQ.FT OF DRAINFIELD AND 224 EMITTERS. MIN. REQUIREMENT IS 141 LF (282 SF) USING THE 25% REDUCTION ALLOWANCE. FOR THIS APPLICATION WE ARE NOT REQUESTING ANY REDUCTION

LATERAL SPACING (BETWEEN LINE CENTERS): 25 INCHES

RECOMMENDED COVER OVER DRIP TUBE: 8 INCHES. (NO MORE THAN 9 INCHES)

VEGETATIVE COVER: RECOMMEND ST. AUGUSTINE GRASS (STENOTAPHRUM SECUNDATUM), OR EQUIVALENT, FOR COVER OVER DRIP FIELD.

ALL OTHER SPECIFICATIONS SEE WORKSHEETS.

RETURN/FLUSH LINE TO BE DIRECTED TO PRE-TREATMENT PART ON INLET SIDE OF ATU TANK

IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO ENSURE THAT THE POWER SOURCE IS OF APPROPRIATE VOLTAGE/AMPERAGE FOR PUMPS & BLOWER. INSTALL LOCAL QUICK DISCONNECT.

THE UNDERSIGNED ASSUMES NO RESPONSIBILITY FOR SYSTEM FUNCTION IF ACTUAL SEWAGE FLOW EXCEEDS THE DESIGN FLOW.

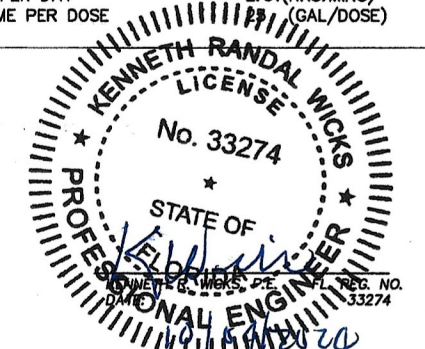
DOSING SPECIFICATIONS:

NUMBER OF DOSES PER DAY:	12 (DOSES)
TIMER ON. PUMP RUN TIME/DOSE:	7:26(MINS:SECS)
TIMER OFF. PUMP OFF BETWEEN DOSES:	1:52 (HRS:MINS)
PUMP RUN TIME PER DAY/ZONE:	1:29 (HRS:MINS)
ALL ZONES - NUMBER OF DOSES/DAY	12 DOSES/DAY
ALLOW TIME FOR FIELD TO PRESSURIZE:	0:30 (MINS:SECS)
FILTER FLUSH TIMER:	0:20 (MINS:SECS)
DRAIN TIMER:	5:00 (MINS:SECS)
FIELD FLUSH TIMER:	1:00 (MINS:SECS)
FIELD FLUSH COUNTER	3 (CYCLES)
TIME REQUIRED TO COMPLETE ALL FUNCTIONS PER DAY	2:51(HRS:MINS)
DOSE VOLUME PER DOSE	(GAL/DOSE)

MONITORING & STANDARDS:

MONITORING SHALL BE DONE AT LEAST FOUR (4) TIMES A YEAR BY AN APPROVED ATU MAINTENANCE ENTITY, AND AT LEAST ONCE A YEAR BY THE BREVARD CHD.

RECIRCULATION RATE (GPM) : 8.91 THIS IS THE MAXIMUM RECIRCULATION DURING EACH PUMP CYCLE VIA PUMP TANK RETURN AND FILTER FLUSH LINE. 6.66 GPM VIA FILTER FLUSH LINE



**BAYWASH OF ROCKLEDGE
SITE PLAN & DETAILS**
 1998 ROCKLEDGE BLVD, ROCKLEDGE, FL

Drawn: JCK	DATE:
Checked: KRW	REVISION:
Date: 9/30/24	
Scaler: AS SHOWN	
File No.: BAYWASH ATU	

Sheet: 1 of 1