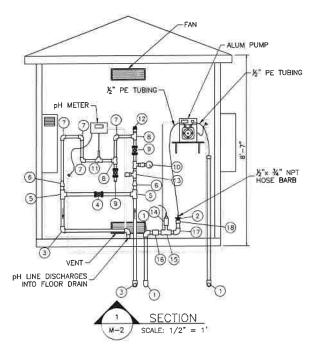


 $\frac{PLAN}{SCALE: 1/2" = 1"}$ 



## FITTING SCHEDULE

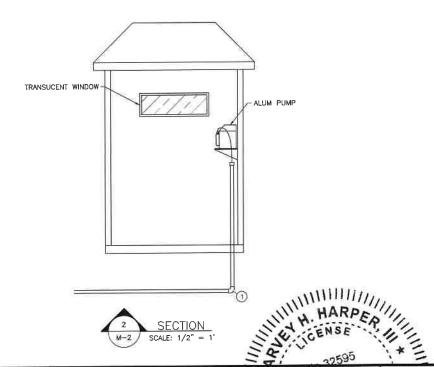
REF.	DESCRIPTION	QUAN
(1)	2" POLY-FLO 90' BEND (BLACK PE)	2
(2)	2" PVC TO TREADED 1/2" TUBING ADAPTER	1
(3)	1 1/2" PVC 90" BEND	1
(4)	1 1/2" 316 S.S. BALL VALVE	1
(5)	1 1/2" PVC TEE	1
(6)	1 1/2"x1" PVC REDUCER	4
(7)	1" PVC 90" BEND	1
(8)	1" PVC TEE	1
(9)	1" PVC BALL VALVE	1
(10)	1" PVC TEE W/ S.S. PRESSURE GAUGE	8
(11)	1" PVC TEE W/ pH PROBE	2
(12)	VACUUM RELEASE VALVE	1
(13)	PUMP PRESSURE SWITCH	1
(14)	LOW LEVEL SHUTDOWN LINKED TO PUMP PANEL	1
(15)	2" PVC TEE	1
(f6)	2" POLY-FLO TO 2" PVC ADAPTER	1
(17)	2" PVC 90' BEND	1
(18)	2" PVC TO 3/4" MPT ADAPTER	1

NOTES:

1. SOME ITEMS LISTED MAY NOT BE NOTED IN ALL APPLICABLE VIEWS.

2. ALL PVC SHALL BE SCH BO. EXPOSED PVC SHALL BE PAINTED PER MANUFACTURES REQUIREMENTS.

- 1. ALL PIPING SHALL BE SECURELY FASTENED TO BUILDING WALL USING S.S.
- 2. ALL PIPING AND FITTINGS SHALL BE GRAY SCH 80 PVC UNLESS OTHERWISE
- 3. THE FLOOR WALL AND CEILING OF THE BUILDING SHALL BE COATED WITH 3 COATS OF TNEMEC SERIES 66 HI—BUILD EPOXYLINE OR APPROVED EQUAL SURFACE PREPARATION AND COATING APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. SAND SHALL BE BROADCAST IN THE WET 3RD. COAT ON THE FLOOR. ALL COLORS TO BE SELECTED BY OWNER DURING SHOP DRAWING REVIEW. COATING SHALL BE APPLIED USING A ROLLER ONLY. A ROLLER ONLY.
- 4. ALL PIPING SHALL BE LABELED WITH PRE-PRINTED LABELS INDICATING TYPE OF LINE (i.e. ALUM SUCTION, ALUM DISCHARGE, ALUM RETURN) AND DIRECTION OF FLOW.



**LAKES PARK WATER QUALITY ENHANCEMENT PROJECT** 

FLORIDA

STORAGE TANK **MECHANICAL PLAN** 

MIMILIA

DESCRIPTION
ADDITIONAL LABELING AND CLARIFICATION DATE: Jun., 2023 | SCALE: AS SHOWN

DESIGNED BY: H. H. HARPER

CHECKED BY: H. H. HARPER

APPROVED BY: H. H. HARPER

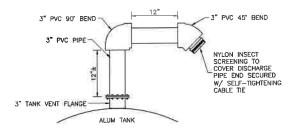
L. E. HEIGHT

DRAWN BY:

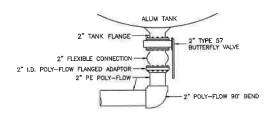
ENVIRONMENTAL RESEARCH & DESIGN, INC. ENGINEERING • SCIENCE • CHEMISTRY • RESEARCH 3419 TRENTWOOD BLVD... SUITE 102. ORLANDO, FL 32812 TELEPHONE 407-855-9465 • FAX, 407-825-0419 ENGINEERING BUSINESS No. 6244

ERD

LEE COUNTY,

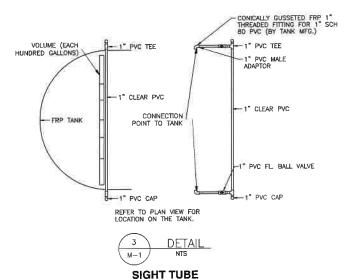


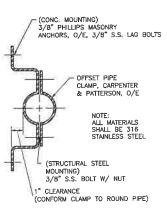






**FLEXIBLE CONNECTION** 







PIPE CLAMP DETAIL

LEE COUNTY,

DESCRIPTION
ADDITIONAL LABELING AND CLARIFICATION DESIGNED BY: H. H. HARPER L. E. HEIGHT DRAWN BY: CHECKED BY: H. H. HARPER APPROVED BY: H. H. HARPER

DATE: Jun., 2023 | SCALE: AS SHOWN



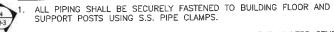
ENVIRONMENTAL RESEARCH & DESIGN, INC. ENGINEERING - SCIENCE - CHEMISTRY - RESEARCH 3419 TRENTWOOD BLVD., SUITE 102, ORLANDO, FL 32812 TELEPHONE: 407-855-9455 - FAX 407-826-0419 ENGINEERING BUSINESS No. 6244

**LAKES PARK WATER QUALITY ENHANCEMENT PROJECT** 

**TANK DETAILS** 

FLORIDA

## NOTES



- SUPPORT POSTS USING S.S. PIPE CLAMPS. 2. ALL PIPING AND FITTINGS SHALL BE GRAY SCH BO PVC UNLESS OTHERWISE
- THE FLOOR OF THE STRUCTURE PAD SHALL BE COATED WITH 3 COATS OF TNEMEC SERIES 66 HI-BUILD EPOXYLINE OR APPROVED EQUAL. SURFACE PREPARATION AND COATING APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, SAND SHALL BE BROADCAST IN THE WET 3RD, COAT, ALL COLORS TO BE SELECTED BY OWNER DURING SHOP DRAWING REVIEW. COATING SHALL BE APPLIED USING A ROLLER ONLY.
- 4. ALL PIPING SHALL BE LABELED WITH PRE-PRINTED LABELS INDICATING TYPE OF LINE (i.e. ALUM SUCTION, ALUM DISCHARGE, ALUM RETURN) AND DIRECTION OF FLOW.

