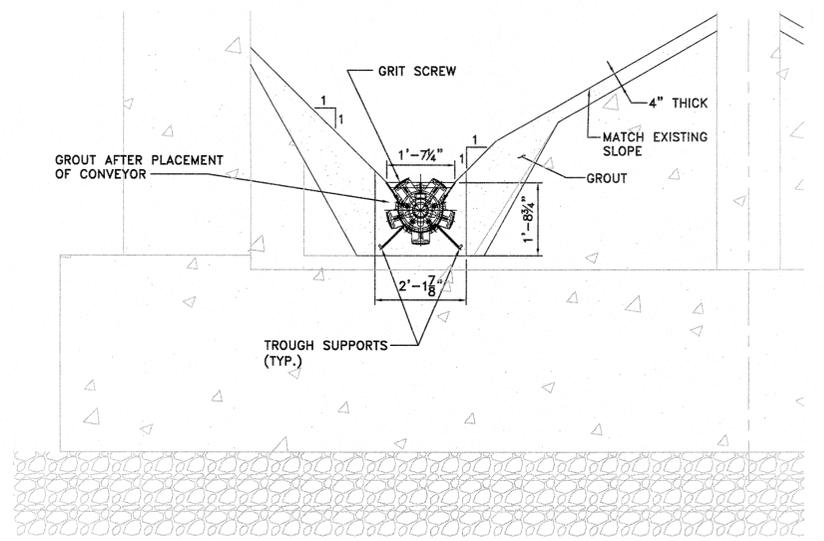
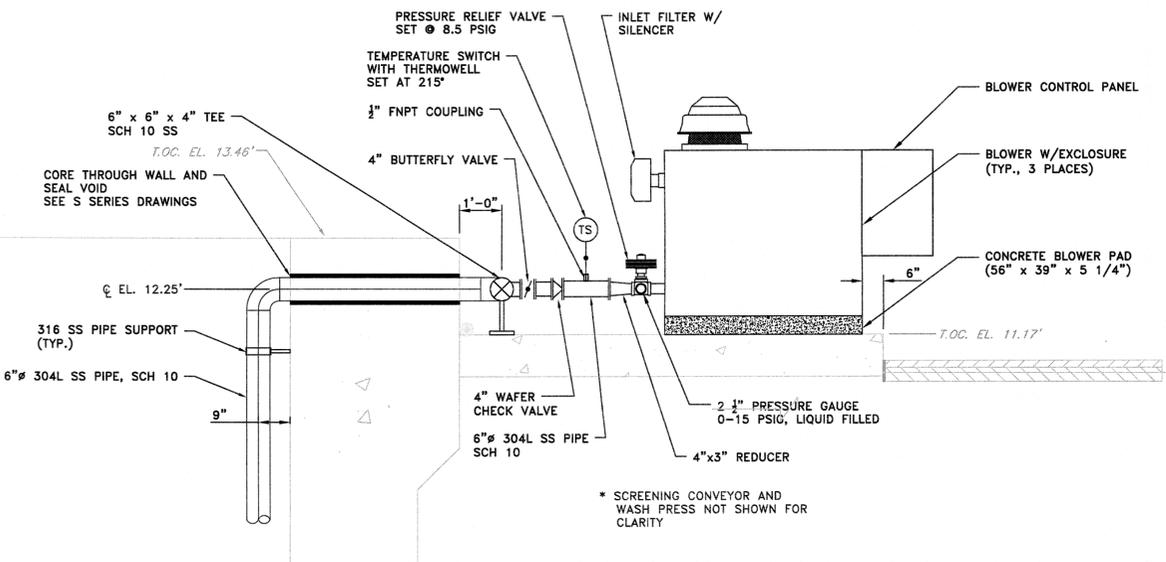


AERATION SYSTEM - PLAN
SCALE: 1/4"=1'-0"

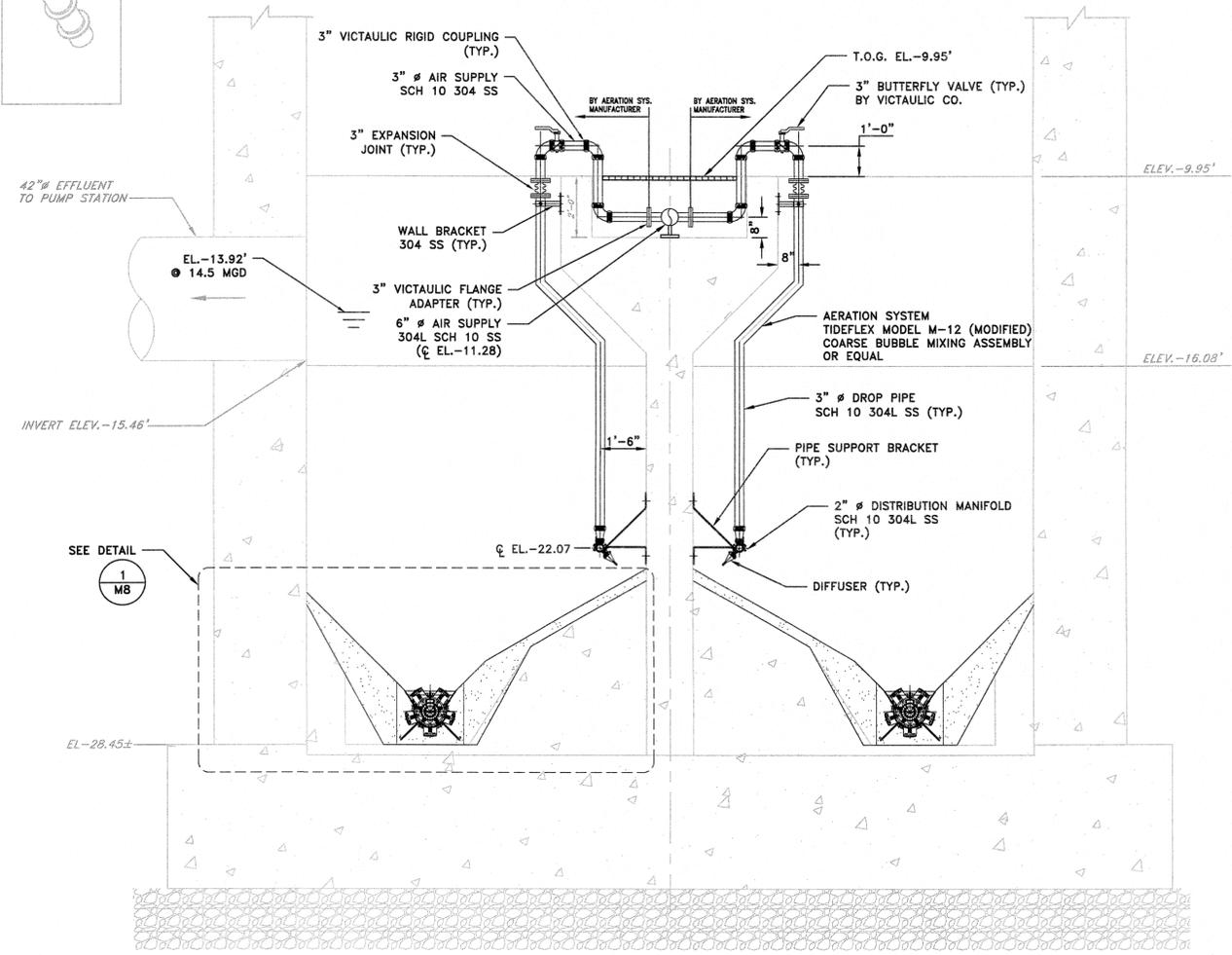
NOTE:
SEE SHEET M7 FOR ADDITIONAL MECHANICAL DETAILS.



DETAIL 1
SCALE: 1/2"=1'-0"



SECTION A
SCALE: 1/2"=1'-0"



SECTION B
SCALE: 3/8"=1'-0"

- NOTES**
- GRIT CHAMBER PLATFORM AND STAIRWAY FRAMING NOT SHOWN FOR CLARITY. SEE A SERIES SHEETS FOR DETAILS.
 - CONTRACTOR SHALL DESIGN, PROVIDE AND INSTALL ALL PIPE SUPPORTS TO SUPPORT THE PIPES AND EQUIPMENT SHOWN. THE DESIGN OF ALL PIPE SUPPORTS SHALL BE BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW JERSEY. WHERE A PIPE SUPPORT IS SHOWN ON THE PLAN, THE CONTRACTOR SHALL DESIGN, PROVIDE AND INSTALL A PIPE SUPPORT AT THE LOCATION SHOWN AND IN THE ORIENTATION SHOWN. SEE PLANS AND SPECIFICATION FOR DESIGN AND OTHER PIPE SUPPORT REQUIREMENTS. CONTRACTOR SHALL SUBMIT FOR REVIEW, PIPE SUPPORTS CALCULATIONS AND SHOP DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW JERSEY. MATERIALS SHALL NOT BE FABRICATED UNTIL THE ENGINEER'S APPROVAL HAS BEEN OBTAINED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ELEVATIONS PRIOR TO ORDERING ANY EQUIPMENT. NO ALLOWANCES WILL BE MADE BY THE OWNER FOR ERRORS RELATED TO THE CONTRACTOR NOT VERIFYING AND CHECKING THE DIMENSIONS AND ELEVATIONS IN THE FIELD.
 - DIMENSIONS AND ELEVATIONS ARE BASED ON WOODBRIDGE AVENUE PUMPING STATION GRIT CHAMBER PLAN, DRAWING NOS. PS-1 TO PS-3 BY SCHOOR ENGINEERING INC., DATED MAY, 1993.
 - THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE TOWNSHIP AND THE ENGINEER AND ALL OTHER CONTRACTORS TO MINIMIZE INTERRUPTIONS TO NORMAL TOWNSHIP OPERATION.
 - THE CONTRACTOR SHALL SUBMIT DETAILED WORK PLAN INCLUDING SEQUENCE OF OPERATION INCLUDING BY-PASS FLOW ARRANGEMENTS PRIOR TO COMMENCING WORK AND SHALL BE SUBJECT TO APPROVAL OF THE TOWNSHIP. SEE SPECIFICATIONS.
 - ALL DIMENSIONS TO BE FIELD VERIFIED, UNLESS OTHERWISE NOTED.
 - ALL HARDWARE SHALL BE STAINLESS STEEL.
 - PROVIDE FLEXIBLE CONNECTIONS AS PER EQUIPMENT MANUFACTURER'S STANDARDS.
 - ALL PIPING IS NOT SHOWN ON PLAN AND SECTION VIEWS.
 - ALL SCREW CONVEYOR SUPPORTS INCLUDING STRUCTURAL STEEL, FOUNDATION ANCHOR BOLTS, ETC. TO BE DESIGNED AND PROVIDED BY THE EQUIPMENT MANUFACTURER.
 - EXISTING CONDITIONS ARE FADED.

APPROVED:
Richard A. Alaimo
Richard A. Alaimo
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE NO. 13195

REVISIONS	DATE	BY

RICHARD A. ALAIMO ENGINEERING COMPANY
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GRIT CHAMBER UPGRADE
GRIT CHAMBER AERATION SYSTEM PLAN AND SECTIONS
SCALE: AS SHOWN

CLIENT: **WOODBRIIDGE TOWNSHIP**
PROJECT LOCATION: **WOODBRIIDGE TOWNSHIP MIDDLESEX COUNTY NEW JERSEY**
PROJECT NO.: **B-0726-0023-000**
CONTRACT NO.: **1230**
DATE: **APRIL 2017**
DESIGNED BY: **LMG**
DRAWN BY: **HC**
CHECKED BY:
DEPT. HEAD:
SHEET: **M8**
FILE NO.:

Plotted: 4/10/2017 3:32 PM Last saved: 1/4/2017 11:59 AM File Name: K:\Projects\B07260023000\Drawings\Ery-M8-Aeration-System.dwg