



**SECTION A**  
SCALE: 1/4"=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.
- HEAT TRACING WITHIN THE GRIT CHAMBER SHALL BE SUBMERSIBLE AND SUITABLE FOR EXPLOSIONPROOF ENVIRONMENTS.
- 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 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 MANUFACTURE'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.
- REFER TO SHEET M7 FOR MECHANICAL BAR SCREEN PLAN AND SECTIONS.
- REFER TO SHEET M8 FOR AERATION SYSTEM PLAN AND SECTIONS.
- REFER TO SHEET M9 FOR ODOR CONTROL PLAN AND SECTIONS.

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 APPROVED: <b>Richard A. Alaimo</b> PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 13195	REVISIONS DATE BY	 <b>RICHARD A. ALAIMO ENGINEERING COMPANY</b> Consulting Engineers NJDCA 24GA27988800 200 HIGH STREET MOUNT HOLLY, N.J. 2 MARKET STREET PATERSON, N.J.	<b>GRIT CHAMBER UPGRADE</b>	CLIENT: <b>WOODBIDGE TOWNSHIP</b>	DATE: <b>APRIL 2017</b>	SHEET <b>M2</b>
	SCALE: 1/4"=1'-0"		<b>GRIT CHAMBER SECTIONS AND DETAILS</b>	PROJECT LOCATION: WOODBRIDGE TOWNSHIP MIDDLESEX COUNTY NEW JERSEY	PROJECT NO.: B-0726-0023-000 CONTRACT NO.: 1230	DRAWN BY: LMG CHECKED BY: HC DEPT. HEAD: