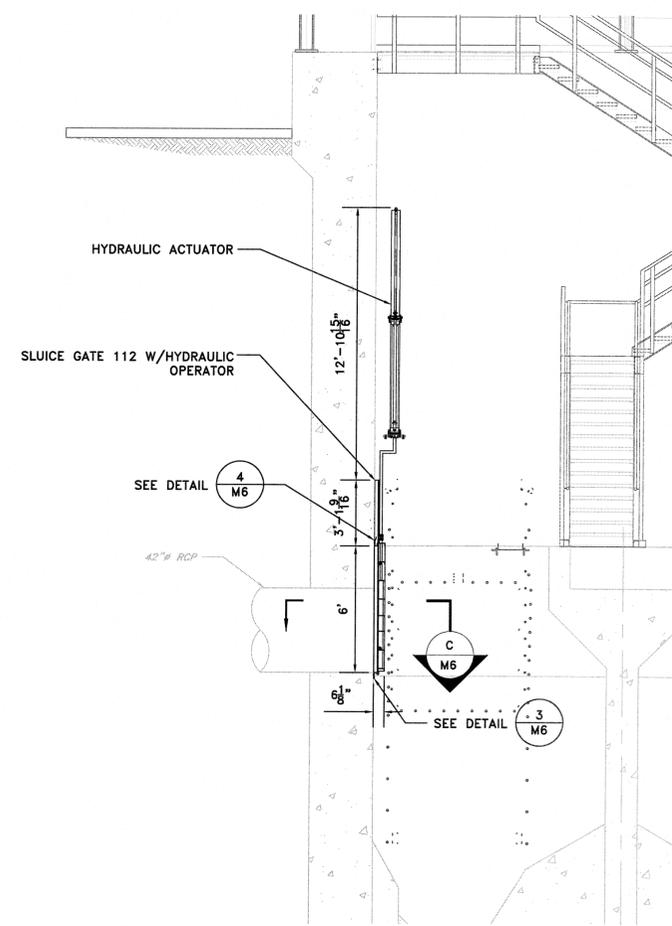
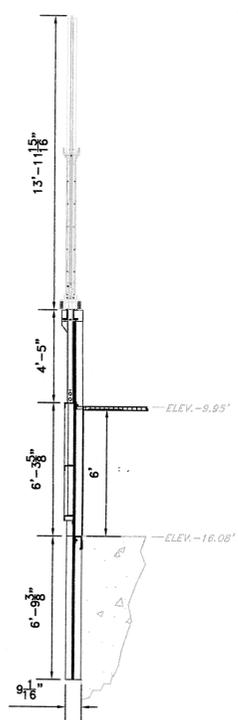


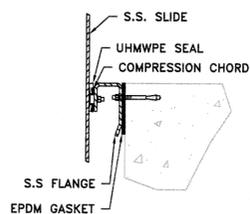
**DETAIL 1 SELF CONTAINED WALL MOUNTED GATE**  
SCALE: 1/4"=1'-0"



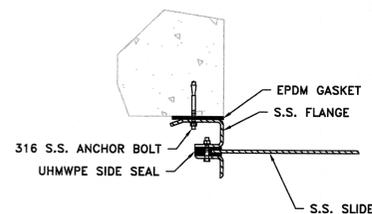
**DETAIL 2 GRIT CHAMBER EFFLUENT GATE**  
SCALE: 1/4"=1'-0"



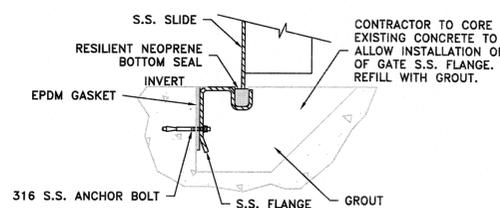
**SECTION A**  
SCALE: 1/4"=1'-0"



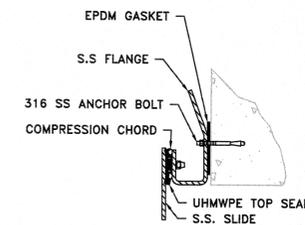
**SECTION B**  
SCALE: NONE



**SECTION C SIDE FRAME MOUNT**  
SCALE: NONE



**DETAIL 3 FLUSH BOTTOM FRAME INSTALLED IN A CONCRETE BOX OUT**  
SCALE: NONE



**DETAIL 4 TOP OF FRAME**  
SCALE: NONE

**NOTES**

1. 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.
2. 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.
3. 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.
6. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE TOWNSHIP AND ALL OTHER CONTRACTORS TO MINIMIZE INTERRUPTIONS TO NORMAL TOWNSHIP OPERATION.
7. 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.
8. ALL DIMENSIONS TO BE FIELD VERIFIED, UNLESS OTHERWISE NOTED.
9. ALL HARDWARE SHALL BE STAINLESS STEEL.
10. PROVIDE FLEXIBLE CONNECTIONS AS PER EQUIPMENT MANUFACTURE'S STANDARDS.
11. ALL PIPING IS NOT SHOWN ON PLAN AND SECTION VIEWS.
12. EXISTING CONDITIONS ARE FADED.

GRIT CHAMBER NEW GATE SCHEDULE						
TAG #	MANUFACTURER'S MODEL	DESCRIPTION	ACTUATOR	LOCATION	DRAWING	SPECIFICATION
CHANNEL GATE 401	FOUNTAIN 253-42"x66" CHANNEL GATE	42"x66" CHANNEL GATE, EMBEDDED FRAME, SELF CONTAINED	HYDRAULIC	GRIT CHAMBER INFLUENT CHANNEL	M1, M7	35 20 17
CHANNEL GATE 501	FOUNTAIN 253-42"x66" CHANNEL GATE	42"x66" CHANNEL GATE, EMBEDDED FRAME, SELF CONTAINED	HYDRAULIC	GRIT CHAMBER INFLUENT CHANNEL	M1, M7	35 20 17
SLUICE GATE 111	FOUNTAIN 203-72"x72"-K-CW/INVERTED SLUICE GATE	72"x72", DOWNWARD OPENING, WALL MOUNTED, SELF CONTAINED, FLANGED BACK CONSTRUCTION	HYDRAULIC	GRIT CHAMBER EFFLUENT WALL	M1, M6	35 20 17
SLUICE GATE 121	FOUNTAIN 203-72"x72"-K-CW/INVERTED SLUICE GATE	72"x72", DOWNWARD OPENING, WALL MOUNTED, SELF CONTAINED, FLANGED BACK CONSTRUCTION	HYDRAULIC	GRIT CHAMBER EFFLUENT WALL	M1, M6	35 20 17
SLUICE GATE 112	FOUNTAIN MODEL 204-42"x72"-K-CW	42"x72" SLUICE GATE, WALL MOUNTED, OPEN FRAME, FLANGE BACK CONSTRUCTION	HYDRAULIC	EFFLUENT CHANNEL WALL	M1, M6	35 20 17

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

REVISIONS	DATE	BY



**RICHARD A. ALAIMO ENGINEERING COMPANY**  
Consulting Engineers  
NJDC 24GA27988800  
200 HIGH STREET MOUNT HOLLY, N.J.  
2 MARKET STREET PATERSON, N.J.

**GRIT CHAMBER UPGRADE**  
**GRIT CHAMBER SECTIONS AND DETAILS**  
SCALE: AS SHOWN

CLIENT: <b>WOODBRIDGE TOWNSHIP</b>	DATE: <b>APRIL 2017</b>	SHEET <b>M6</b>
PROJECT LOCATION: WOODBRIDGE TOWNSHIP MIDDLESEX COUNTY NEW JERSEY	PROJECT NO.: <b>B-0726-0023-000</b>	DESIGNED BY: <b>LMG</b>
CONTRACT NO.: <b>1230</b>	DRAWN BY: <b>HC</b>	CHECKED BY:
	DEPT. HEAD:	FILE NO.: