



**LOWER SCREEN ROOM PLAN**  
SCALE: 1/4"=1'-0"

**NOTES**

- CONTRACTOR SHALL DESIGN, PROVIDE AND INSTALL ALL SUPPORTS TO SUPPORT THE EQUIPMENT SHOWN. THE DESIGN OF ALL 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.
- BACKGROUND IS TAKEN FROM EXISTING PLAN WOODBRIDGE AVENUE PUMP STATION, PUMP STATION PLAN - LOWER SCREEN ROOM, SHEET M02, DATED 6/15/87 BY POST, BUCKLEY, SHUH & JERNIGAN, INC.
- EXISTING CONDITIONS ARE FADED.
- THE SLUICE GATE CONTROL PANEL SHALL BE WALL MOUNTED IN THE UPPER SCREEN ROOM. REFER TO SHEET M12.
- 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 MANUFACTURE'S STANDARDS.
- ALL PIPING IS NOT SHOWN ON PLAN AND SECTION VIEWS.
- THE EXISTING PUMP STATION BUILDING IS CLASSIFIED AS A CLASS 1 DIVISION 1, GROUP D, EXPLOSION HAZARD AREA AND ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS.
- SUBMIT THE LIST OF ALL DEMOLISHED/REMOVED ITEMS TO WOODBRIDGE TOWNSHIP. THE TOWNSHIP RESERVES THE RIGHT TO RETAIN ANY OR ALL ITEMS REMOVED AS DEEMED NECESSARY. THE CONTRACTOR WILL BE RESPONSIBLE TO DELIVER SELECTED ITEMS TO THE TOWNSHIP DESIGNATED PLACE.

PUMP STATION NEW GATE SCHEDULE						
TAG #	MANUFACTURER'S MODEL	DESCRIPTION	ACTUATOR	LOCATION	DRAWING	SPECIFICATION
SLUICE GATE 1000	FOUNTAIN MODEL 204-42"x42"-K-CW	42"x42" SLUICE GATE, WALL MOUNTED, OPEN FRAME, FLANGE BACK CONSTRUCTION	HYDRAULIC	PUMP STATION LOWER SCREEN ROOM INFLUENT CHANNEL	M10, M11	35 20 17
SLUICE GATE 1001	FOUNTAIN MODEL 203-48"x54"-K-CW	48"Wx54"H SLUICE GATE, SELF CONTAINED, WALL MOUNTED, FLANGE BACK	HYDRAULIC	PUMP STATION LOWER SCREEN ROOM INFLUENT CHANNEL	M10, M11	35 20 17
SLUICE GATE 1002	FOUNTAIN MODEL 203-48"x54"-K-CW	48"Wx54"H SLUICE GATE, SELF CONTAINED, WALL MOUNTED, FLANGE BACK	HYDRAULIC	PUMP STATION LOWER SCREEN ROOM INFLUENT CHANNEL	M10, M11	35 20 17

**LEGEND**  
 TO BE REMOVED

Plotfile: 4/10/2017 3:23 PM File Name: K:\Projects\0726023000\Drawings\07-M10-M11-Pump-Station-LL-Section.dwg

APPROVED:  
  
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 PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE NO. 13195

REVISIONS	DATE	BY

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 Consulting Engineers  
 NJDCA 24GA27988800  
 200 HIGH STREET MOUNT HOLLY, N.J.  
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**GRIT CHAMBER UPGRADE**  
**PUMP STATION PLAN - LOWER SCREEN ROOM**  
 SCALE: 1/4"=1'-0"

CLIENT: <b>WOODBIDGE TOWNSHIP</b>	DATE: <b>APRIL 2017</b>	SHEET <b>M10</b>
DESIGNED BY: <b>LMG</b>	DRAWN BY: <b>HC</b>	FILE NO.:
CHECKED BY: <b>HC</b>	PROJECT NO.:	
DEPT. HEAD:	PROJECT NO.: <b>B-0726-0023-000</b>	
	CONTRACT NO.:	
	<b>1230</b>	