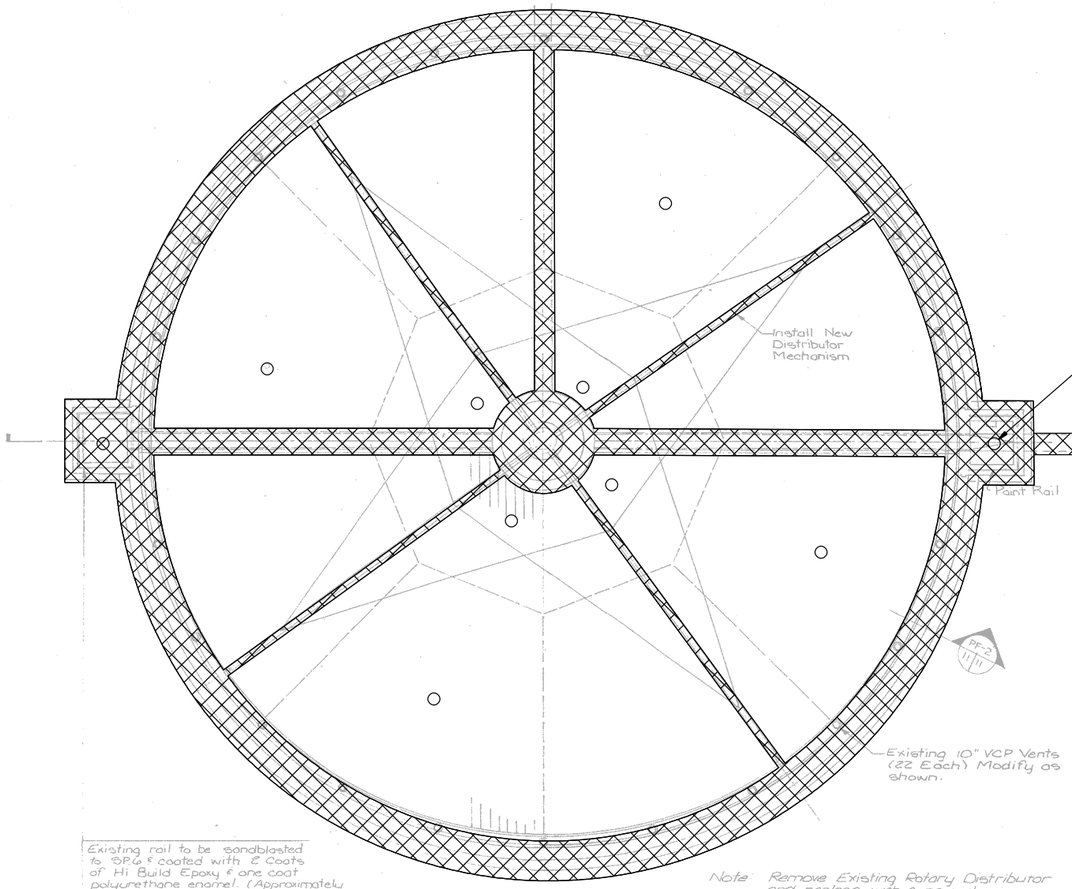


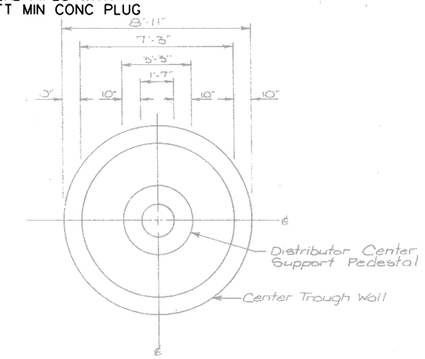
Existing rail to be sandblasted to SP6 & coated with 2 Coats of Hi Build Epoxy & one coat polyurethane enamel. (Approximately 13.2 sq. ft. surface area.)

PLAN

SCALE: 3/16" = 1'-0"

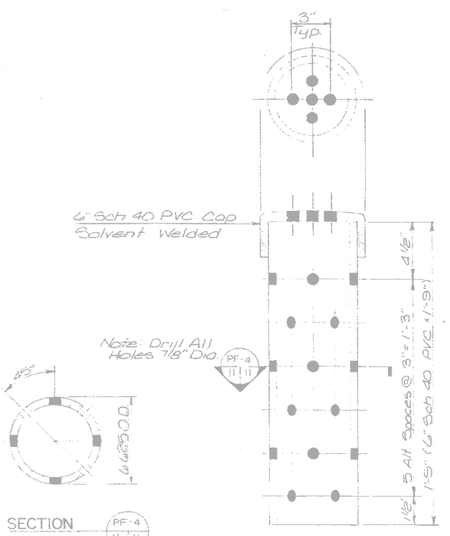
Note: Remove Existing Rotary Distributor and replace with a new aluminum mechanism designed for flow rates from 0.7 to 2.5 MGD. Contracting Officer shall have not less than two working days to inspect and clean center pedestal and underdrain trough prior to installation of new mechanism.

Existing rotary distributor removed shall become the property of the Contractor and removed from site.

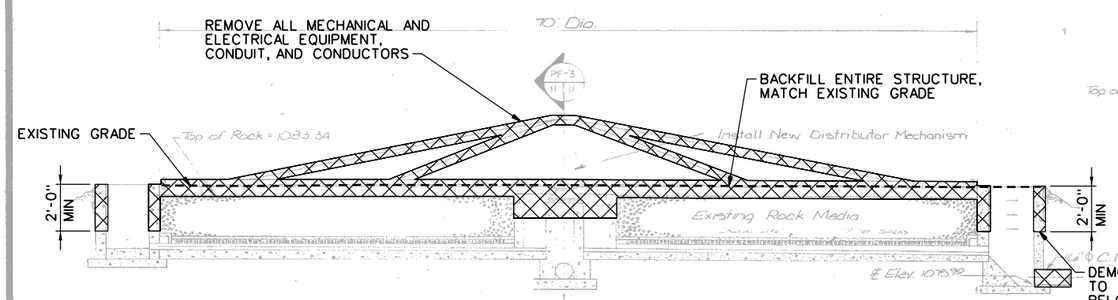


PLAN

Scale: 3/8" = 1'-0"



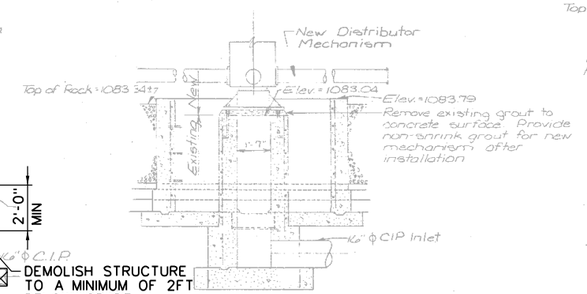
PVC PIPE DETAIL



SECTION PF-1

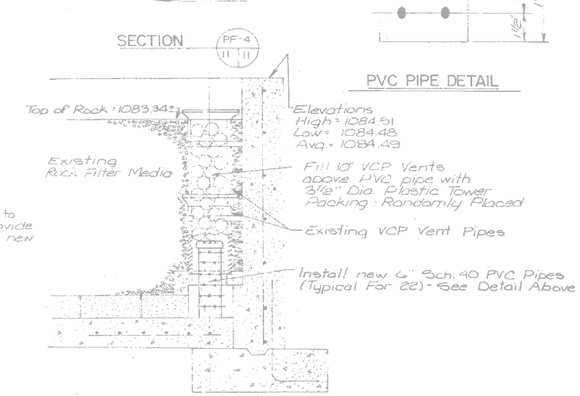
Scale 3/16" = 1'-0"

PRIMARY FILTER



SECTION PF-3

Scale: 3/8" = 1'-0"



SECTION PF-2

Scale 3/4" = 1'-0"

NOTE: Relative elevation between equipment pedestal, center trough wall, and top of media.

TBM #5 Chiseled "U" at the Northeast corner on top of the effluent box for the Primary Trickling Filter El. 1084.43

NOTE: ALL EXISTING EXCEPT AS NOTED

US Army Corps of Engineers
Kansas City District

H. DOUGLAS YEARSLEY LICENSED 12525 KANSAS PROFESSIONAL ENGINEER

VERIFY SCALES — BAR IS ONE INCH ON ORIGINAL DRAWING. 0 1" — IF NOT ONE INCH, ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

Designed by: D.ROBILLARD | Dwn by: R. MARKEN | Ckd by: S. GILCHRIST | Reviewed by: BDYEARSLEY | Submitted by: S. GILCHRIST

Date: JUNE 2002 | Rev. | Design file no. | Drawing code: | File name: H:52x007.dwg | Plot date: 15-JUL-2002 | Plot Time: 08:16:06

US Army Corps of Engineers
Kansas City District

CH2MHILL
DENVER, COLORADO

ADVANCED WASTEWATER TREATMENT PLANT AND COLLECTION SYSTEM PUMP STATIONS AND FORCE MAIN
PN 45230
FORT RILEY, KANSAS

OPTIONAL DEMOLITION
TYPICAL DEMOLITION
PRIMARY FILTER

Sheet reference number: 52-X-5

Sheet 364 of 374

designed D. BOLICK | drawn C. MORRELL | checked D. NOVAK | prepared PROJECT OFFICER | submitted CHIEF DESIGN BRANCH | approved FACILITY ENGINEER | using agency

rev.	description	by	appvd	date

DIRECTORATE OF ENGINEERING AND HOUSING

FORT RILEY, KANSAS

PRIMARY FILTER

WASTE WATER TREATMENT PLANT IMPROVEMENTS

PR F5-00217-4P | Sht. 11 of 26 | Day 16 | Mo. 09 | Yr. 98