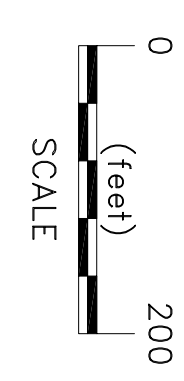


LEGEND

- HDPE PIPE
- ⊗ SURFACE DISCHARGE POINTS
- VALVE

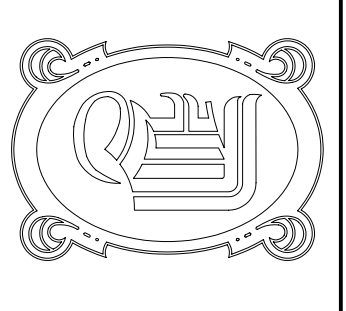


TANGIPAHOA LANDFILL STORM WATER PUMPING SYSTEM HYDROLOGY

- Pump from North Pond to Borrow Only
 8"Ø=1100 ft 1400 gpm @ 9 fps 2.52 ft/100 ft
 10"Ø=1200 ft 1400 gpm @ 6.5 fps 0.78 ft/100 ft
- Pump from North Pond to South Pond and South Pond to Borrow @ same time.
 Suction lift
 8"Ø 1400 gpm @ 9 fps x 2.52 ft/100 x 1160 Total = 39.23 ft
 10 ft
 29.23 ft
- Pump from North Pond to Borrow pit & South Pond to Borrow.
 8" Suction lift
 8" 1400 gpm @ 9 fps x 2.52 ft/100 x 1100 Total = 37.72 ft
 10 ft
 27.72 ft

- 4" Suction lift
 4"Ø 350 gpm @ 9 fps x 5.75 ft/100 x 950 Total = 64.62 ft
 10 ft
 54.62 ft
- 10" 1750 gpm @ 7 fps x 1.35 ft/100 x 1200 Total = 64.62 ft
 16.20 ft
 53.92 ft
- 8"Ø/10"Ø
 53.92 ft
- 4"Ø/10"Ø
 70.82 ft

NOTE: Maximum Pressure: 35 psi



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TANGIPAHOA STORMWATER PUMPING SYSTEM

TANGIPAHOA
PARISH,
LOUISIANA

PLAN

REV:
SCALE: AS NOTED
JOB#: 1964
DATE: 5-09-08
SHEET 1

C-1