



Portland Water District

FROM SEBAGO LAKE TO CASCO BAY

July 6, 2015

Mr. Michael McGovern, Town Manager
Town of Cape Elizabeth
320 Ocean House Road
Cape Elizabeth, ME 04107

Spurwink Road Pump Station

Dear Mr. McGovern:

The Portland Water District has been experiencing drainage problems at the pump station building on Spurwink Avenue. We operate the pump station with a lease from the Town of Cape Elizabeth.

To alleviate the drainage issue and reduce the amount of groundwater infiltration into the pump station building's sump area below the electrical equipment, the District is proposing to construct an under drain pipe along the southerly side of the building that would outlet into the flood plain of the Spurwink River behind the station as shown on the attached plan. In order to reach the flood plain it will be necessary to extend the under drain pipe beyond the limits of the existing lease area. The lease area expansion extension is needed to ensure proper drainage of the groundwater, as illustrated in the attached sketch.

The District is requesting the Town to modify the lease description to add a twenty foot wide strip from the rear of the existing lease area approximately 40 feet. If approved by the Council, the District would apply to the Planning Board for a Resource Protection Permit. The proposed under drain would be installed in accordance with all applicable State and Federal laws, including but not limited to the Maine Erosion and Sedimentation Control Best Management Practices.

If you have any questions or need anything further to get this issue on the agenda for the Town Council, please contact me at 774-5961 ext. 3322.

Sincerely yours,

PORTLAND WATER DISTRICT

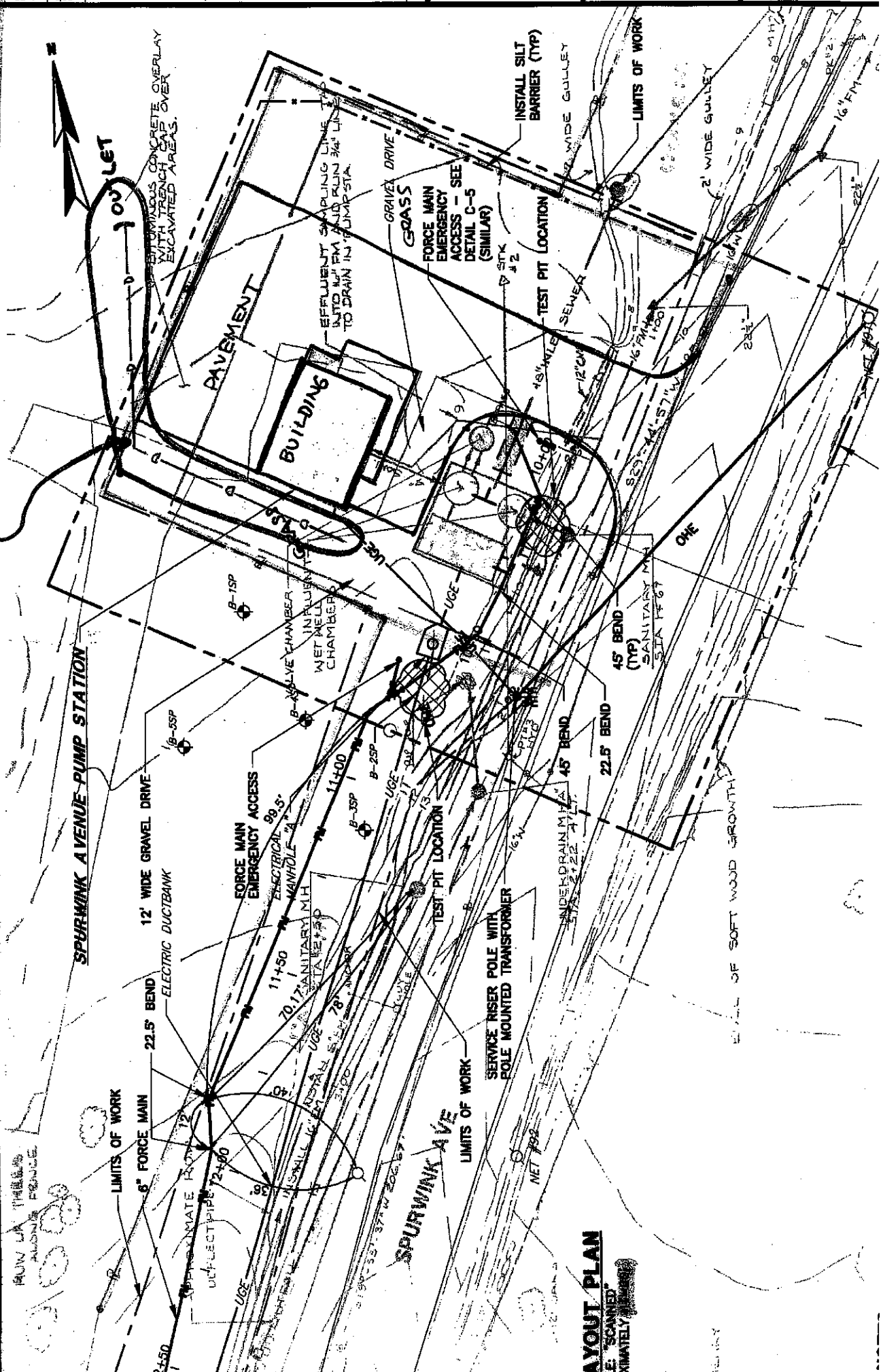
Paul Rodriguez
Senior Project Engineer

Attachment – Plan

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NEW DRAIN



SPURWINK AVENUE - PUMP STATION

12' WIDE GRAVEL DRIVE

22.5' BEND

6" FORCE MAIN

ELECTRIC DUCTBANK

FORCE MAIN EMERGENCY ACCESS

98.5' ELECTRICAL MANHOLE

70.17' SANITARY M.H.

11+00

11+00

SPURWINK AVE

SERVICE RISER POLE WITH POLE MOUNTED TRANSFORMER

NET 150

45' BEND (TYP)

22.5' BEND

45' BEND (TYP)

ONE

10' LET

CONCRETE OVERLAY WITH CURBS AND CAPS OVER EXCAVATED AREAS.

PAVEMENT

BUILDING

GRAVEL DRIVE GRASS

FORCE MAIN EMERGENCY ACCESS - SEE DETAIL C-5 (SIMILAR)

TEST PIT LOCATION

UNDER DRAIN M.H.

NET 150

INSTALL SILT BARRIER (TYP)

16" FM

LIMITS OF WORK

2' WIDE GULLEY

EDGE OF SOFT WOOD GROWTH

AYOUT PLAN

E. SCANNED XIMATELY