

Project Overview

- Background:
- This project focused on developing a compliant industrial site layout at 600 Center Point Rd. in San Marcos, Texas.
  - The design optimized land use based on topography, utilities and environmental factors.
- Element Design:
- Rigid pavement was designed using the 1993 American Association of State Highway Transportation Officials (AASHTO) Guide.
  - Stormwater system includes a sedimentation-filtration detention pond using the SCS Curve Number method and HEC-HMS modeling.
  - Design complies with local, state and federal regulations.

Design Considerations

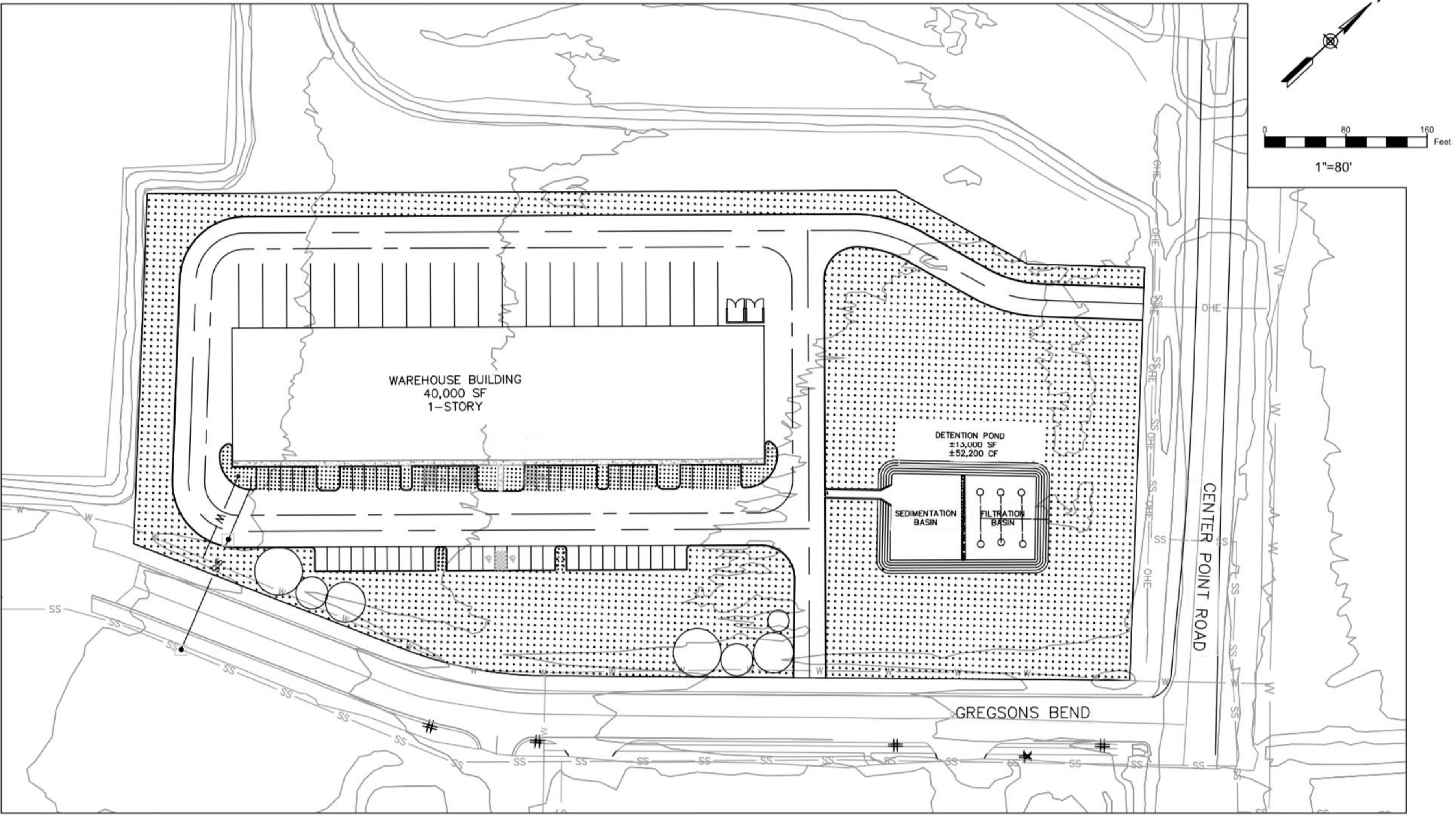
Our Design

- San Marcos Land Development Code
- Feasibility
- International Fire Code

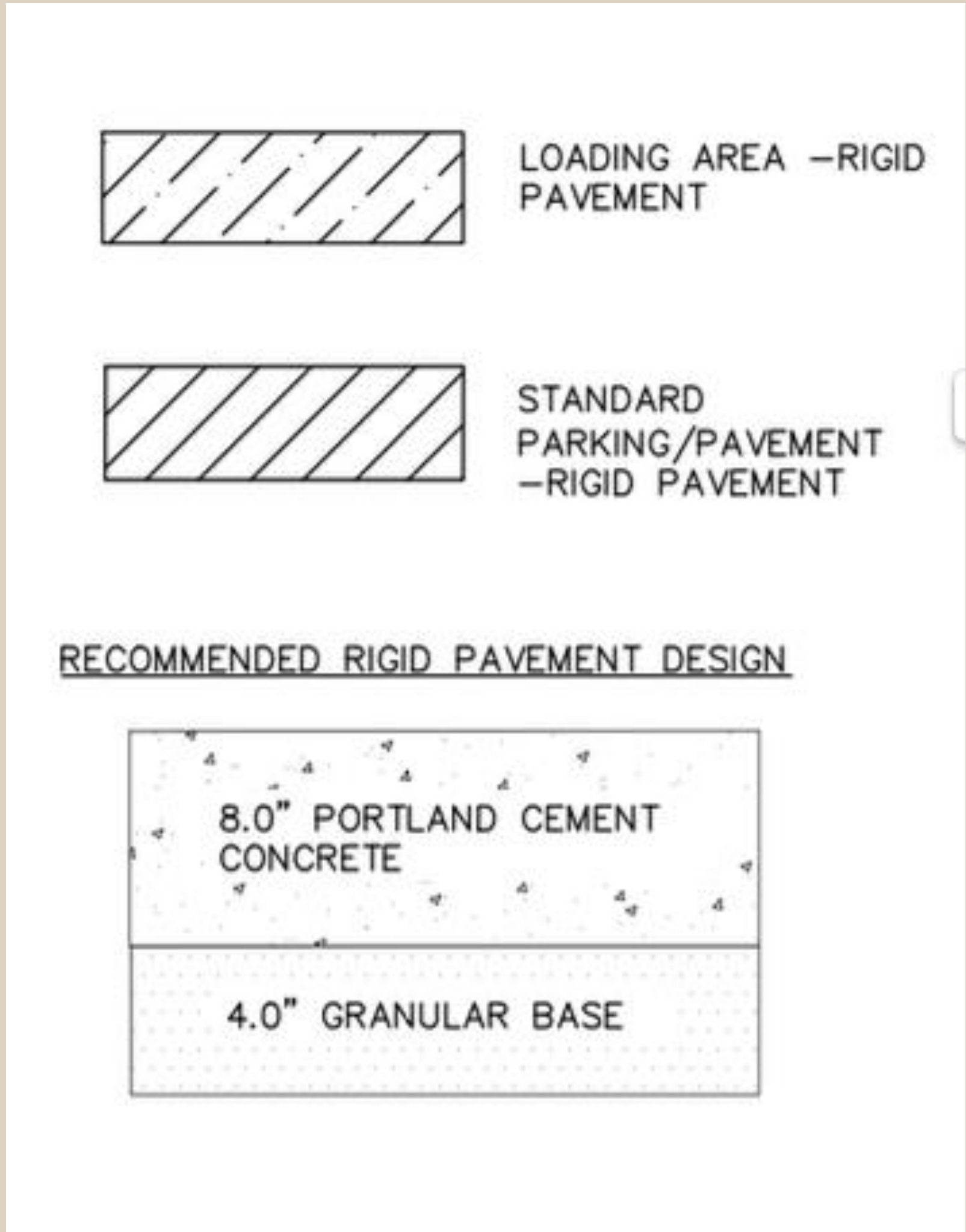
Constraints

- City of San Marcos Design Standards
- Fire Code Requirements
- San Marcos Technical Stormwater Design Manual
- ADA Accessibility Requirements
- Water & Wastewater Utility Locations

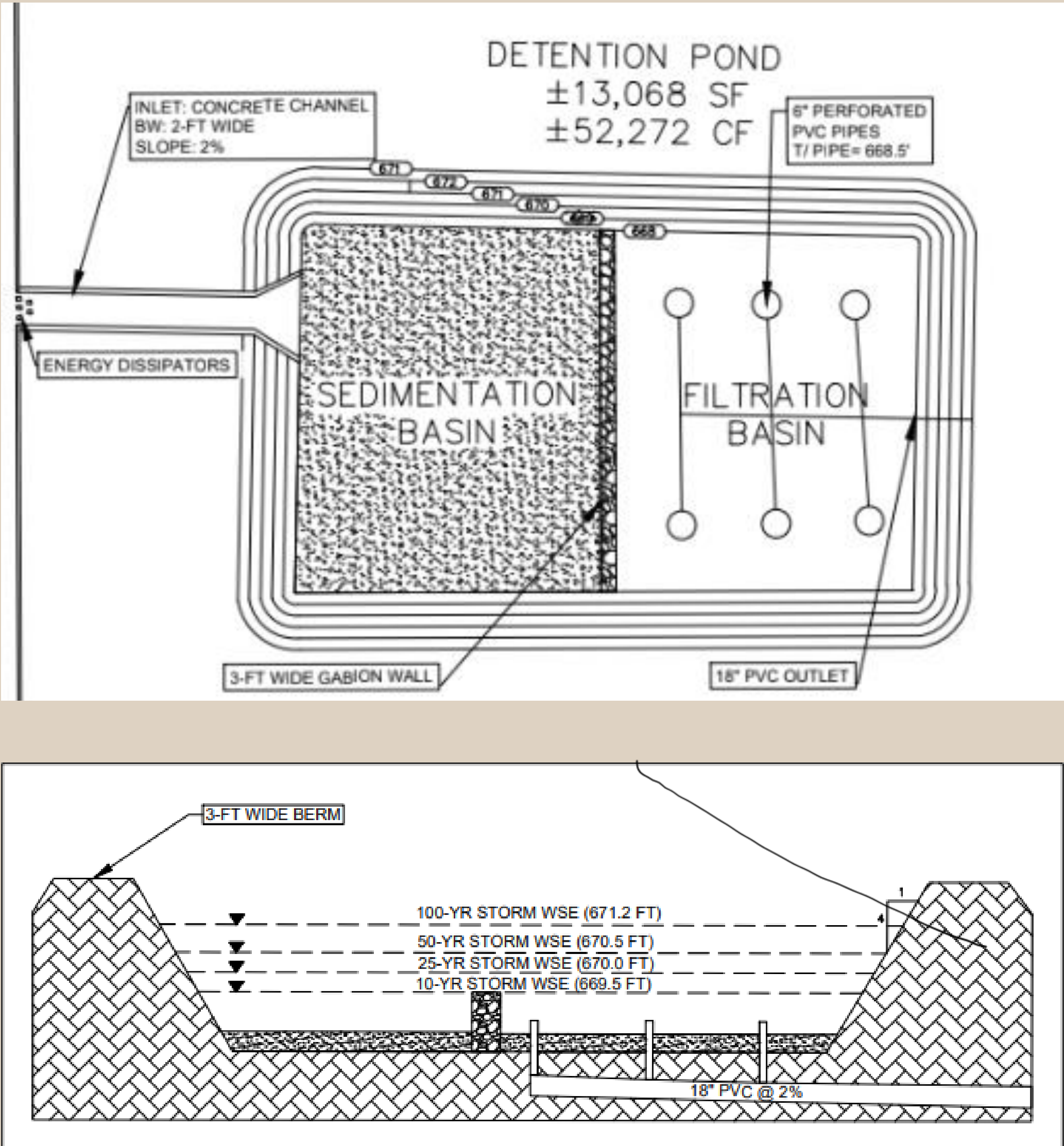
Site Plan



Pavement



Drainage



Cost Analysis

CATEGORY	COSTS
A. E&SC	\$ 70,000.00
B. BUILDING	\$ 5,000,000.00
C. PAVING	\$ 1,200,000.00
D. DRAINAGE	\$ 150,000.00
E. SANITARY SEWER SYSTEM	\$ 45,000.00
F. WATER IMPROVEMENTS	\$ 35,000.00
SUBTOTAL	\$ 6,500,000.00
CONTINGENCY	\$ 980,000.00
MOBILIZATION	\$ 20,000.00
TOTAL	\$ 7,500,000.00

Meet the Team

