

Precast concrete sections were used to construct an extensive outlet structure for the Riverview Residential Development on the Princeton Healthcare Campus in Plainsboro, NJ.

The contractor, Allan Myers Construction, originally planned to use cast-in-place concrete, but asked Monarch Products if it was feasible to cast this large structure off site. Monarch was excited to take on the challenge and was able to offer considerable savings in both cost and schedule.

In addition to the custom sluice gate box, Monarch Products cast a sloped section that weighed over 30 tons and was 32-feet long. Stainless steel pockets were precisely cast into the sloped section to hold a custom aluminum trash rack.

Allan Myers Construction, assisted by Monarch's site crew, bolted together separate precast footers, two sections of custom boxes and the sloped outlet section in the field.

Monarch Products cast the products at their York Haven, PA facility and delivered the pieces on a double drop stretch trailer. Schedules were met and the structure fit together as intended.

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PRECAST CASE STUDY

PROJECT:
PRINCETON HEALTH CARE CAMPUS
OUTFALL PROJECT

LOCATION:
PLAINSBORO, NJ

PRECAST MANUFACTURER
MONARCH PRODUCTS
www.monarchproducts.net

