

Capital Square | Fargo, ND

Underground Stormwater Detention System 87" X 63" Pipe Arch CSP Aluminized Steel Type II and Manholes

Owner

Lexstar Development

Contractor

KPH Construction

Consulting Engineer

Ultieg Engineers

Application

Stormwater detention and conveyance

Why this product versus others?

It achieved the owner's vision

Project challenges

Convincing the project team to consider alternate drainage materials

Special project elements

Changing the original design of HDPE and concrete manholes to Corrugated Steel Pipe allowed the property owner to utilize the land to its fullest potential. They were able to eliminate the originally planned above-ground storage pond allowing for two additional buildings to be erected on the land. This resulted in five buildings instead of three... providing 25% more leasable space than originally planned. Using this solution provided significant economic advantage for the owner.

