SECTION 15160P – STORMWATER PIPING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes pipe, pipe fittings, connections and equipment for primary and emergency storm water piping systems.

B. Primary storm water drains shall be cast iron. PVC is allowed only in secondary systems.

C. Related Sections:
   1. Section 15100 – Building Services Piping.
   2. Section 15080 – Mechanical Identification: Product requirements for pipe identification for placement by this section.

PART 2 - PRODUCTS

2.1 STORM WATER PIPING, BURIED BEYOND 5 FEET OF BUILDING

A. Cast Iron Pipe: Service weight.
   1. Fittings: Cast iron.
   2. Joints: Neoprene gasket system or lead and oakum.

B. Concrete Pipe:
   1. Fittings: Concrete.

C. PVC Pipe:
   1. Fittings: PVC.

D. PVC Pipe:
   1. Fittings: PVC.

2.2 STORM WATER PIPING, BURIED WITHIN 5 FEET OF BUILDING

A. Cast Iron Pipe: Service weight.
   1. Fittings: Cast iron.
   2. Joints: Neoprene gasket system or lead and oakum.

2.3 STORM WATER PIPING, ABOVE GRADE

A. Cast Iron Pipe: Service weight.
1. Fittings: Cast iron.
2. Joints: Neoprene gasket system or lead and oakum.

B. Cast Iron Pipe: CISPI 301, hubless, service weight.
   1. Fittings: Cast iron.

C. PVC Pipe: (for secondary system only).
   1. Fittings: PVC.

2.4 PIPE LABELLING

A. Piping labels shall be placed over any insulation on the pipe installed. Pipe labels shall be placed every 30 linear feet of pipe.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Insulate all horizontal and vertical rainwater piping.

END OF SECTION