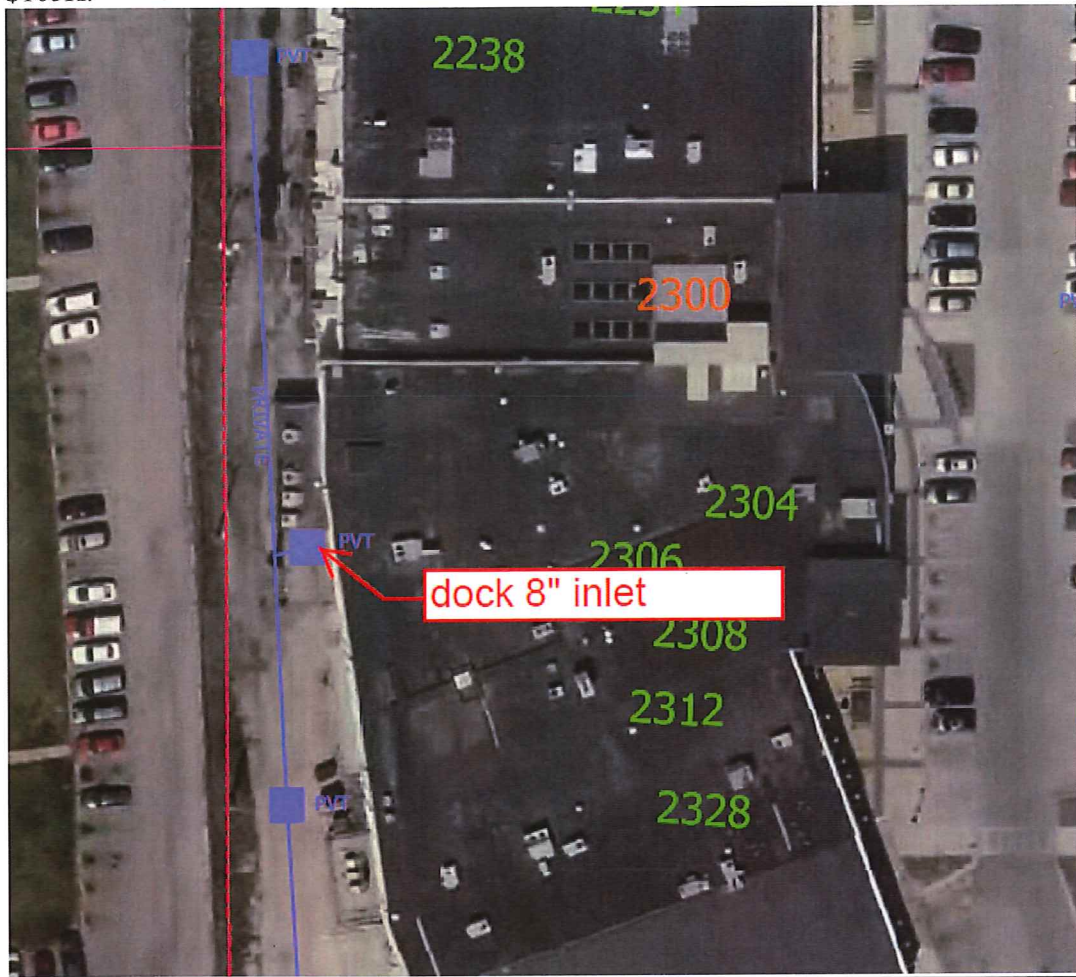


## VOP July Flood Update

- Quantity and size of sewer lines, and slope of alley contributed to an expected loss of \$105K.



- An external factor which caused the problem too was the size of the line in Hughes Place and the connection with Park Street. This is slated to be fixed in 2019 per Engineering.
- Engineering is going to TV the lines this weekend, and report their findings which will help form the scope of work.
- Measures to move the water away from the building could include:
  - Add another inlet at the low point of the alley near the dock and have it sized larger at 15”;
  - Add a tar coated sealant at the foundation;
  - Tear up the north alley and change its slope away from the building;
  - Put an above ground trench drain along the outside of the newly installed asphalt drive on the North end of the building, to take away the water from the building. This will help channel water flow down to the existing lowest point below the loading dock on the South end of the building where our newly added 15 inch storm drain will help control the water flow;
  - Reseal all the HVAC foundations/metal canopies that lead to crawl spaces below the HVAC units (this could reveal extensive issues);
  - Possibly add some curbs/additional asphalt sloping to the asphalt to the South end of the building. IE Build up asphalt directly against building to get water to flow away from foundation.