



EMERGENCY OVERFLOW STRUCTURE PROTECTS NEARBY PROPERTIES FROM FLOODING DURING EXTREME RAIN EVENTS

WEIRS PLACED ALONG THE DITCH SLOW DOWN WATER BY FORCING IT TO FLOW OVER THEIR TOPS. WATER WILL POOL ABOVE THE WEIR UNTIL IT GETS HIGH ENOUGH TO CONTINUE DOWN THE DITCH.

THE POND AND DRAINAGE CHANNEL HAVE BEEN DESIGNED TO PRESERVE MUCH OF THE EXISTING TREE CANOPY

BIO-FILTRATION DITCH WILL IMPROVE WATER QUALITY BY NATURALLY REMOVING SEDIMENTS FROM THE STORM WATER RUNOFF

THE POND AND BIO-FILTRATION DITCH WILL BE PLANTED WITH NATIVE GRASSES AND FORBES THAT ARE ADAPTED TO THE LOCAL GROWING SEASON, CLIMATE AND SOILS, AND ATTRACT POLLINATORS LIKE HUMMINGBIRDS, BEES AND BUTTERFLIES.

DECORATIVE LIMESTONE WALLS WILL COMPLIMENT THE POND AND DITCH FEATURES

GROVES (GROUPINGS) OF OVERSTORY TREES WILL BE PLANTED AROUND THE POND AND ALONG THE STORMWATER DITCH TO ENHANCE THE TREE CANOPY

