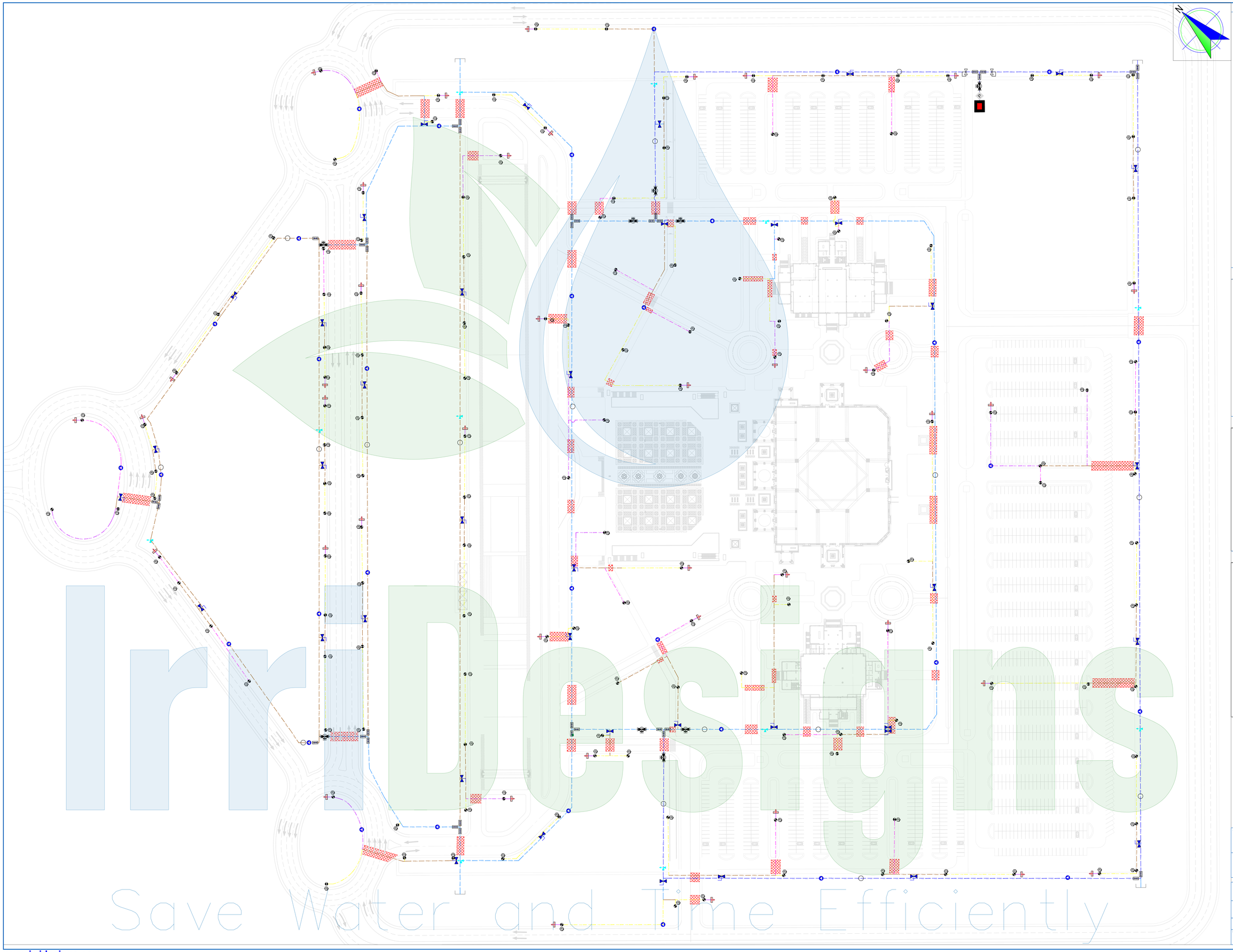

GENERAL NOTES

All mainlines are specified to be HDPE pipes with a diameters clarified Ensure compliance during installation."

Mainline valves will be installed for control and isolation of water flow to different sections of the system, so all valves shall be installed at the exact location.

Make sure to follow the installation details ensuring easy access to mainline components for maintenance and repairs in the future.

Irridesigns highly recommends following manufacturer specifications and industry standards for mainline installation to ensure system reliability and longevity.

As a governmental project, the mainline layout should be reviewed and approved by relevant authorities or inspectors before installation commences.

LEGEND

MAINLINE HDPE PIPE OD-200 MM
MAINLINE HDPE PIPE OD-160 MM
MAINLINE HDPE PIPE OD-110 MM
MAINLINE HDPE PIPE OD-90MM
MAINLINE HDPE PIPE OD-75 MM
MAINLINE HDPE PIPE OD-63 MM

EXISTING TANK
WASH OUT
PRESSURE REDUCER VALVE
ISOLATION VALVE
ELECTRICAL SOLENOID VALVE
PUMP STATION
AIR VALVE
ROAD CROSSING DUCT
GATE VALVE
TIE IN CONNECTION
BACKFLOW PREVENTION
PROPOSED BY BRASS QUICK COUPLING VALVE
STUBOUT FOR FUTURE CONNECTION (x0 PER PIPE SIZE)
STAINLESS VALVE (ZONE NUMBER)
VALVE SIZE IN INCHES
VALVE WATER FLOW IN CUBIC METERS IN HOURS

MASTER PLAN

CLIENT DATA

REV:	DESCRIPTION:	BY:	DATE:
STATUS:	DONE		

IrriDesigns
Save Water and Time Efficiently

Irridesigns.
info@irridesigns.com
tech.support@irridesigns.com

CLIENT: client1

ARCHITECT: architect1
architect2
architect3
architect4

SITE: site-single-line

TITLE: MAINLINE_IRRIGATION_LAYOUT

SCALE AT A0:	DATE:	DRAWN:	CHECKED:
A0-1:750	15/01/2024	DRAWN	checked
PROJECT NO:	DRAWING NO:		REVISION:
1302	10003012		OK