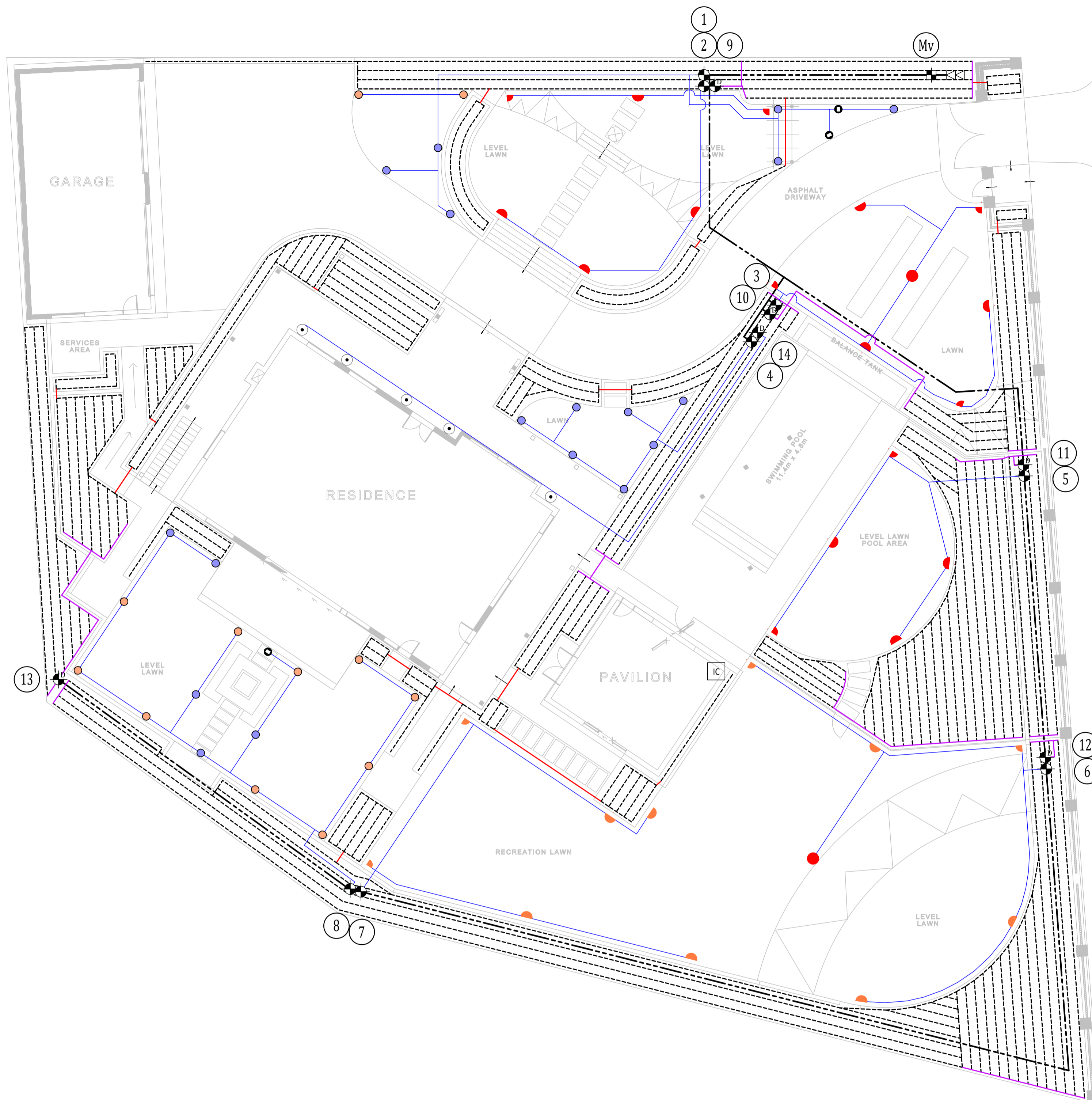


WIRING LOOM No. 1 (13-core)

VALVE No.	WIRE COLOUR	CONNECTION
1	Red	Active
2	Dark Blue	Active
3	Light Green	Active
3	Pink	Active
10	Dark Brown	Active
14	Light Grey	Active
4	Dark Green	Active
11	Yellow	Active
5	Purple	Active
	Orange	Spare
Mv	White	Active
	Light Brown	Spare
ALL	Black	Common

WIRING LOOM No. 2 (7-core)

VALVE No.	WIRE COLOUR	CONNECTION
13	Red	Active
8	Dark Blue	Active
7	Dark Brown	Active
6	Dark Green	Active
12	Yellow	Active
	White	Spare
ALL	Black	Common

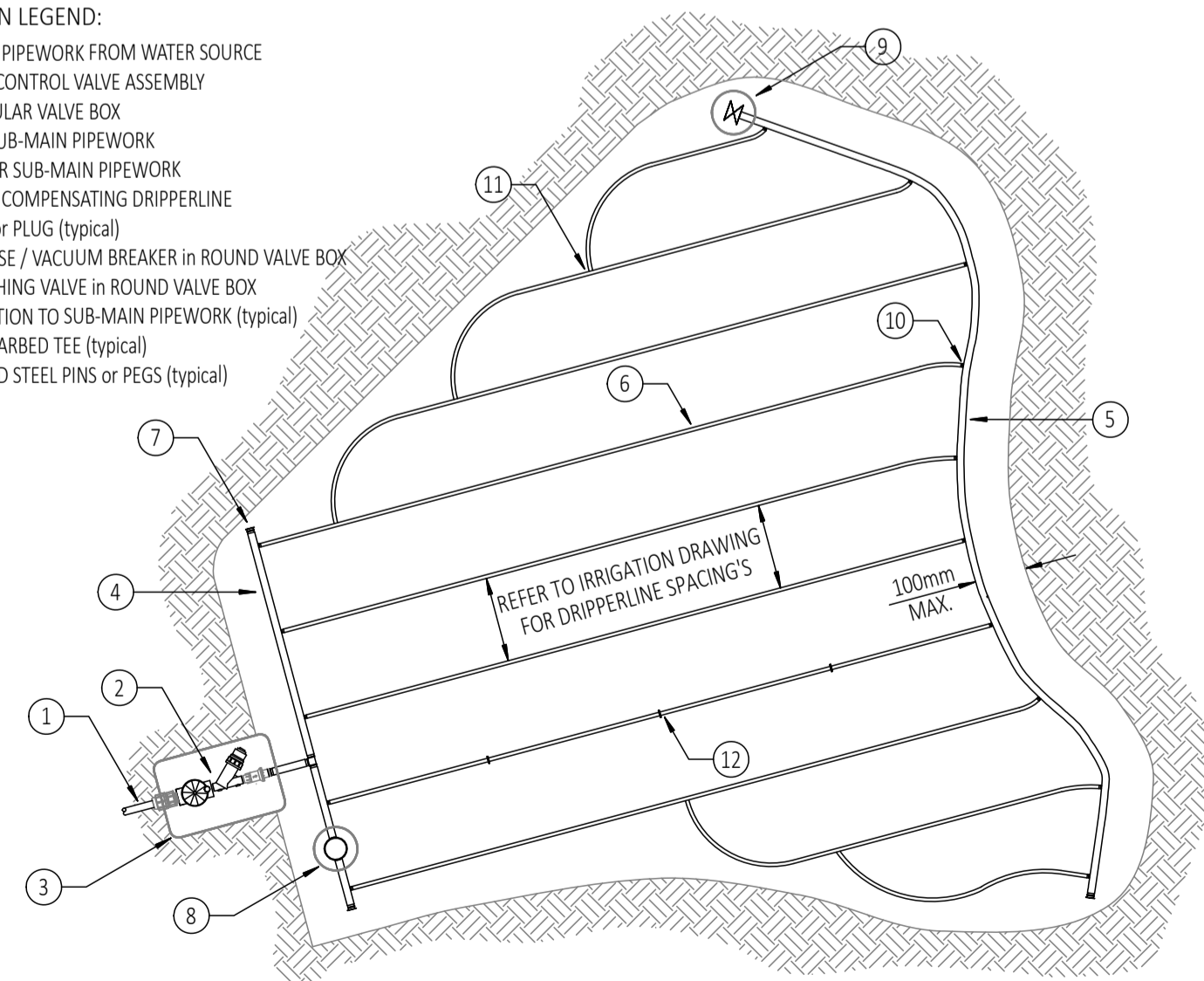


SYSTEM DUTY: 70 L/MIN @ AN OPERATING PRESSURE OF 450 kPa
NOTE: A Flow vs Pressure test must be conducted prior to installation commencing to ensure above system duty is met. Failure to do so may result in system not functioning

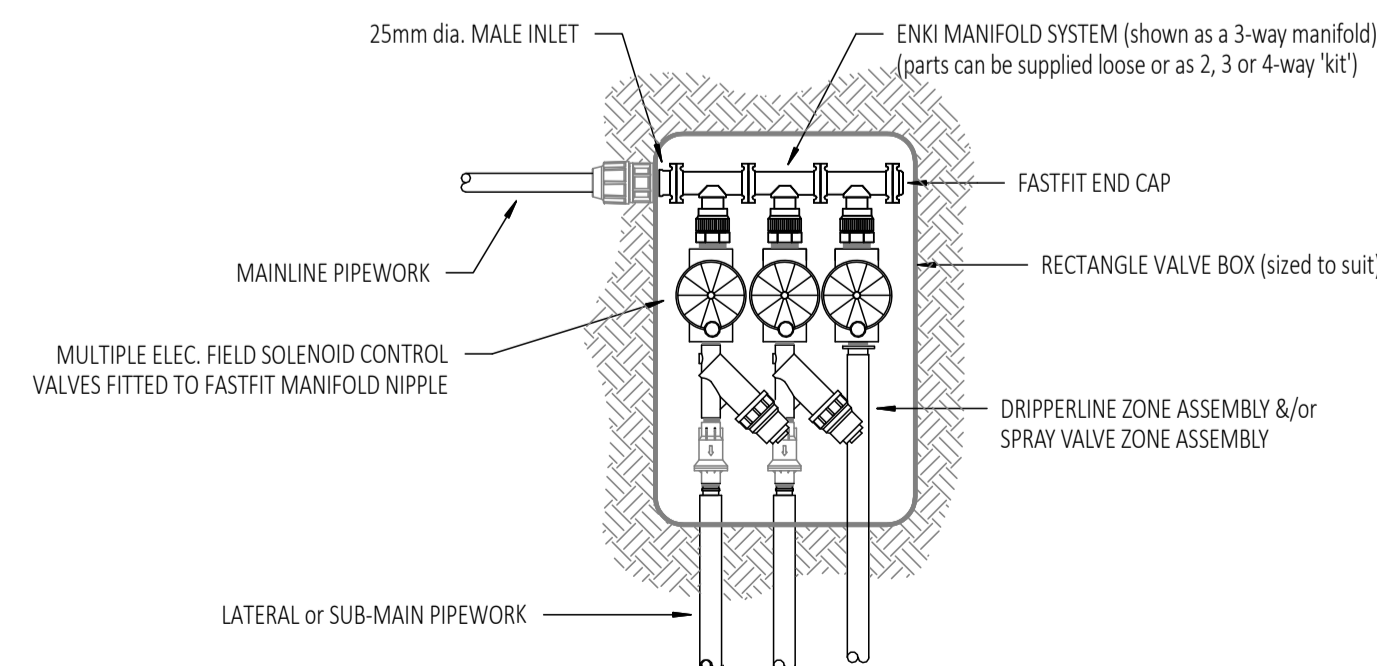
- PIPE LEGEND:
- ENKI DRIPLENE 13Ø 2.0 L/H @ 0.3m x 0.5m ROW SPACING'S NOMINAL
 - 13mm LDPE LINKING SUB-MAIN PIPEWORK AS SHOWN
 - 25mm LDPE HEADER and COLLECTOR SUB-MAIN PIPEWORK
 - 25mm CLASS 12 SWJ uPVC LATERAL PIPEWORK to SPRINKLERS & PC DRIPPERS
 - 32mm CLASS 12 SWJ uPVC MAINLINE PIPEWORK

- SPRINKLER / VALVE LEGEND:
- WEATHERMATIC model 11000 25mm dia. ELEC. MASTER VALVE ASSEMBLY
 - WEATHERMATIC model 12000 25mm dia. ELEC. SPRINKLER VALVE ASSEMBLY
 - WEATHERMATIC model 12000 25mm dia. ELEC. DRIP VALVE ASSEMBLY
 - IRRITROL model CETA PC 8.0 L/Hr INDIVIDUAL DRIPPER to POTS
 - WEATHERMATIC model MAX 100mm POP-UP BODY w/ R-VAN-24-SST SIDE-STRIP NOZZLE
 - WEATHERMATIC model MAX 100mm POP-UP BODY w/ R-VAN-14 NOZZLE (set arc to suit)
 - WEATHERMATIC model MAX 100mm POP-UP BODY w/ R-VAN-18 NOZZLE (set arc to suit)
 - RAIN BIRD model 5004+ POP-UP ROTOR (MPR) w/ MPR25 F (360°) noz.
 - RAIN BIRD model 5004+ POP-UP ROTOR (MPR) w/ MPR25 H (180°) noz.
 - RAIN BIRD model 5004+ POP-UP ROTOR (MPR) w/ MPR25 Q (90°) noz.
 - RAIN BIRD model 5004+ POP-UP ROTOR (MPR) w/ MPR35 H (180°) noz.
 - RAIN BIRD model 5004+ POP-UP ROTOR (MPR) w/ MPR35 Q (90°) noz.
 - WEATHERMATIC model SL1600 IRRIGATION CONTROL UNIT LOCATION (in plant room)
 - NEW 25mm dia. BRASS DUAL CHECK VALVE in RECT. VALVE BOX

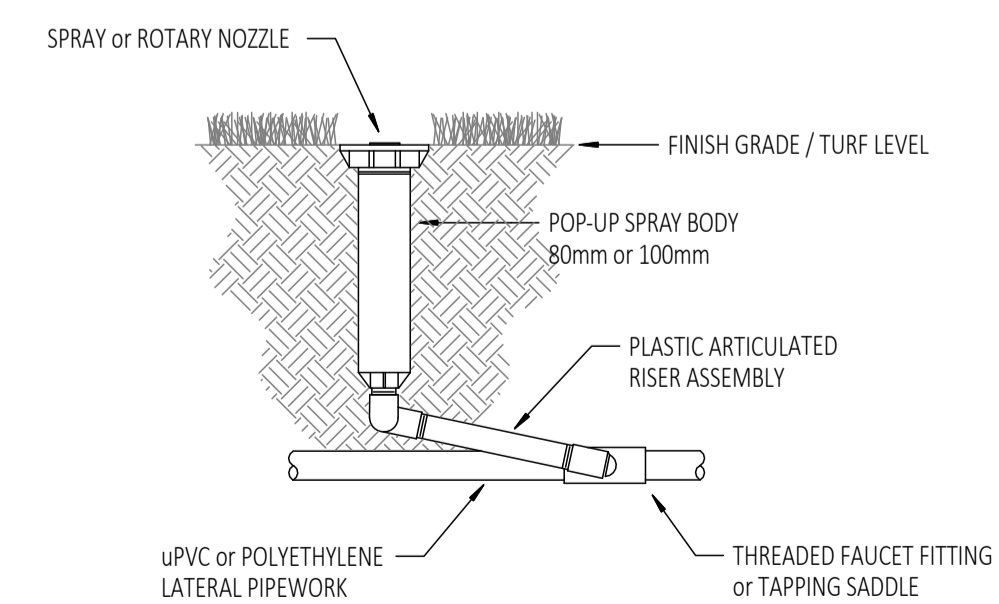
- IRRIGATION LEGEND:
- MAINLINE PIPEWORK FROM WATER SOURCE
 - ELECTRIC CONTROL VALVE ASSEMBLY
 - RECTANGULAR VALVE BOX
 - HEADER SUB-MAIN PIPEWORK
 - COLLECTOR SUB-MAIN PIPEWORK
 - PRESSURE COMPENSATING DRIPPERLINE
 - END CAP or PLUG (typical)
 - AIR-RELEASE / VACUUM BREAKER in ROUND VALVE BOX
 - LINE FLUSHING VALVE in ROUND VALVE BOX
 - CONNECTION TO SUB-MAIN PIPEWORK (typical)
 - MICRO BARBED TEE (typical)
 - ROUNDED STEEL PINS or PEGS (typical)



DRIPPERLINE ZONE FULL LAYOUT TYPICAL INSTALLATION (NTS)



ENKI MANIFOLD ASSEMBLY - MIXED ZONES TYPICAL INSTALLATION (not to scale)



POP-UP SPRAY BODY w/ ARTICULATED RISER TYPICAL INSTALLATION (NTS)

E			
D			
C			
B			
A	11.11.18	FOR CONSTRUCTION DRAWING ISSUED	DC
NO.	DATE	REVISIONS	BY

CLIENT: CUSTOMER NAME & CONTACT DETAILS

DATE: NOVEMBER 2018

DESIGNED BY: DC CHECKED BY: TK

PROJECT ADDRESS: FINAL IRRIGATION LAYOUT WILLIAMS RD, MT ELIZA VIC

SCALE: 1:150 @ A1 or 1:300 @ A3

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PRIOR TO COMMENCEMENT OF IRRIGATION WORKS, A FLOW TEST AND PRESSURE TEST SHOULD BE PERFORMED ON SITE TO CONFIRM SYSTEM DUTY. IF SYSTEM DUTY IS NOT REACHED, A RE-DESIGN MAY BE REQUIRED.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND SERVICES PRIOR TO COMMENCING ANY EXCAVATION WITH ALL RELEVANT AUTHORITIES.

DISTANCES BETWEEN OUTLETS, VALVES, FITTINGS & THE LIKE ARE INDICATIVE ONLY AND MAY BE ALTERED BY THE CONTRACTOR / INSTALLER AT THEIR DISCRETION.

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DRAWING No.: 87624_IR-01-A (FC) REVISION: A