

IRRIGATION SYSTEM DUTY

170 L/MIN @ AN OPERATING PRESSURE OF 500 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 AS INTENDED

DRAWING NOTES

THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE OTHER CONTRACT DOCUMENTS & ANY INSTRUCTIONS ISSUED DURING THE COURSE OF THE PROJECT. CONTRACTORS SHOULD VERIFY ALL DIMENSIONS AND LEVELS ON SITE PRIOR TO ANY COMMENCEMENT OF IRRIGATION WORKS. IF ANY DISCREPANCIES ARE FOUND, BRING THESE IMMEDIATELY TO THE ATTENTION OF THE IRRIGATION DESIGNER.

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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VALVE TABLE - SPORTSFIELD

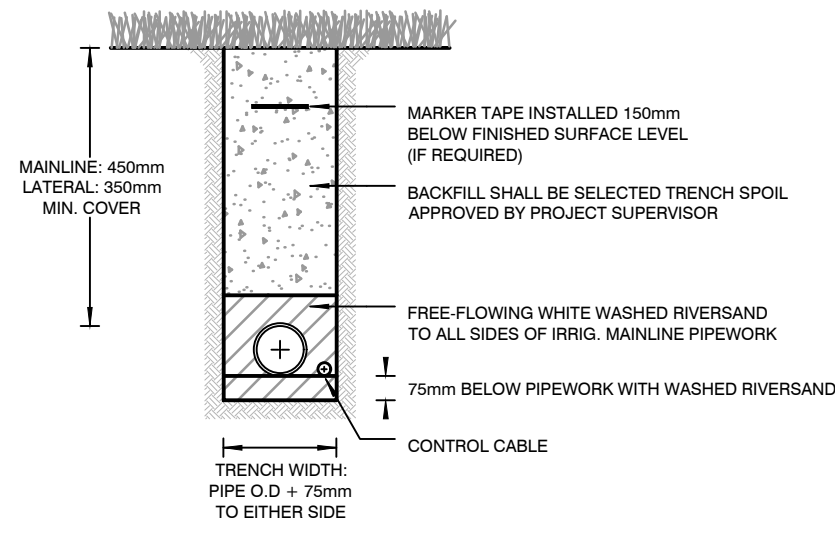
NUMBER	MODEL	SIZE (mm)	FLOW (L/MIN)	TYPE	QTY
1	HUNTER ICV	40	97	TURF ROTOR	3
2	HUNTER ICV	40	65	TURF ROTOR	2
3	HUNTER ICV	40	100	TURF ROTOR	3
4	HUNTER ICV	40	100	TURF ROTOR	3
5	HUNTER ICV	40	163	TURF ROTOR	5
6	HUNTER ICV	40	100	TURF ROTOR	3
7	HUNTER ICV	40	163	TURF ROTOR	5
8	HUNTER ICV	40	100	TURF ROTOR	3
9	HUNTER ICV	40	100	TURF ROTOR	3
10	HUNTER ICV	40	65	TURF ROTOR	2
11	HUNTER ICV	40	97	TURF ROTOR	3

VALVE TABLE - LANDSCAPE TURF

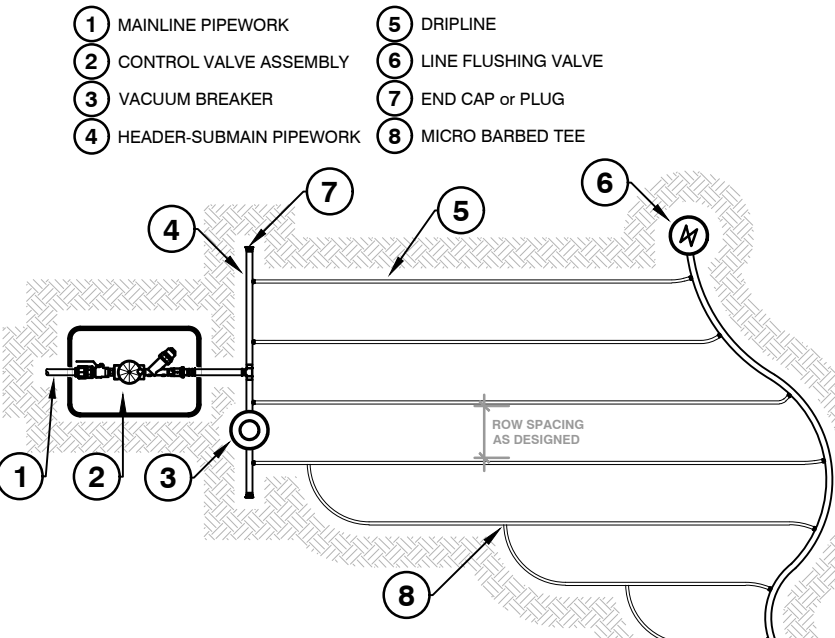
NUMBER	MODEL	SIZE (mm)	FLOW (L/MIN)	TYPE	QTY
13	HUNTER ICV	25	84	TURF ROTARY	13
14	HUNTER ICV	25	62	TURF ROTARY	10
17	HUNTER ICV	25	64	TURF ROTARY	10
18	HUNTER ICV	25	58	TURF ROTARY	9
21	HUNTER ICV	25	6	TURF ROTARY	4
25	HUNTER ICV	25	82	TURF ROTARY	6
26	HUNTER ICV	25	65	TURF ROTARY	10
29	HUNTER ICV	25	44	TURF ROTARY	18
32	HUNTER ICV	25	27	TURF ROTARY	6

VALVE TABLE - LANDSCAPE DRIP

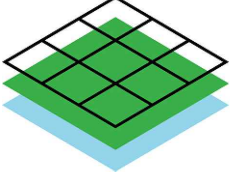
NUMBER	MODEL	SIZE (mm)	FLOW (L/MIN)	TYPE	QTY
12	HUNTER ICV	25	50	DRIPLINE	600m
15	HUNTER ICV	25	60	DRIPLINE	720m
16	HUNTER ICV	25	60	DRIPLINE	720m
19	HUNTER ICV	25	55	DRIPLINE	660m
20	HUNTER ICV	25	62	DRIPLINE	730m
22	HUNTER ICV	25	30	DRIPLINE	360m
23	HUNTER ICV	25	50	DRIPLINE	600m
24	HUNTER ICV	25	40	DRIPLINE	480m
27	HUNTER ICV	25	63	DRIPLINE	730m
28	HUNTER ICV	25	61	DRIPLINE	720m
30	HUNTER ICV	25	38	DRIPLINE	456m
31	HUNTER ICV	25	63	DRIPLINE	756m



TRENCH DETAIL
NTS



DRIPLINE LAYOUT
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Reece
Irrigation
Design

reece

irrigation
& pools

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER MP STRIP + 100MM POP-UP BODY
	TURF ROTATOR, MP ROTATOR NOZZLE. LST=IVORY LEFT STRIP, SST=BROWN SIDE STRIP, RST=COPPER RIGHT STRIP.
	HUNTER MP1000 + 100MM POP-UP BODY
	TURF ROTATOR, MP ROTATOR NOZZLE. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC.
	HUNTER MP3000 + 100MM POP-UP BODY
	TURF ROTATOR, MP ROTATOR NOZZLE. B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC.
	HUNTER MP3000 (TEMP IRR)
	MP ROTATOR NOZZLE. B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC.

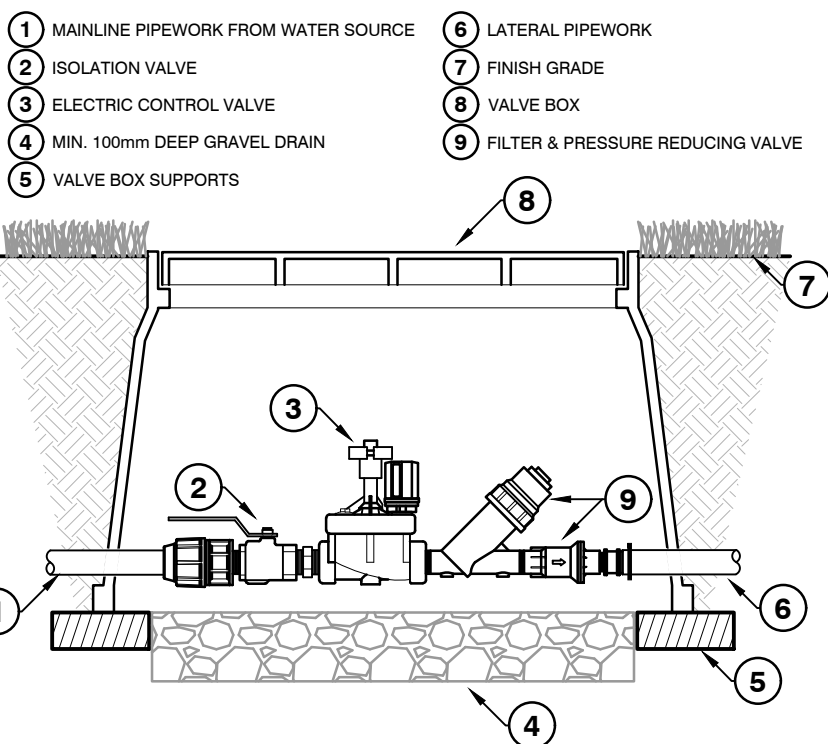
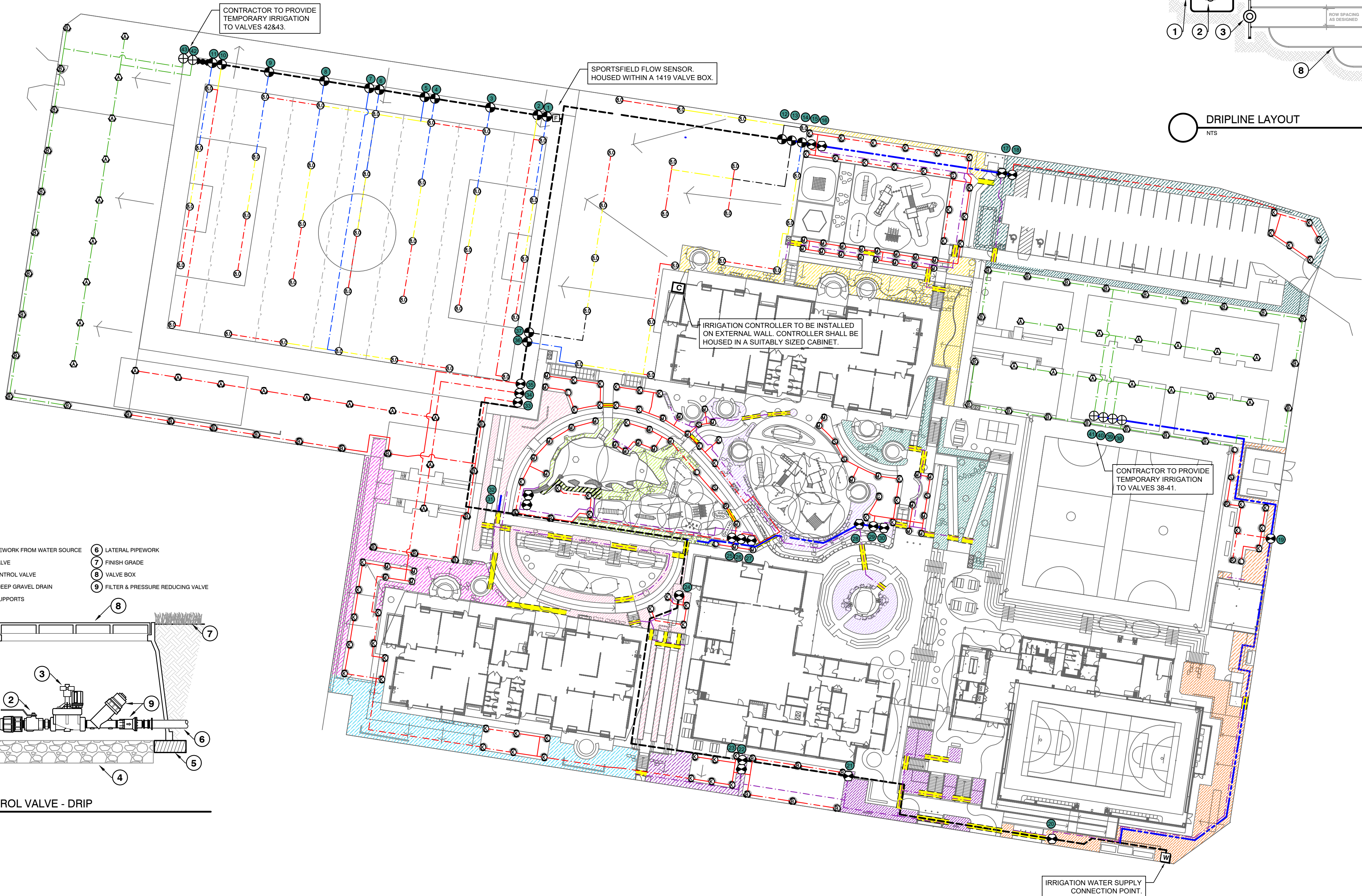
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER I-20-04 SPORTSFIELD ROTOR 8.0
	AREA TO RECEIVE DRIPLINE
	ENKI AS 2.0 L/H - 13MM PC DRIP TUBE
	EMITTERS SPACED AT 40CM WITH LATERALS SPACED AT 50CM. COLOUR TO INDICATE ZONING.
	HUNTER 40MM ICV SPORTSFIELD VALVE
	HUNTER ICV 25MM DRIP VALVE
	HUNTER ICV 25MM TEMP VALVE
	HUNTER ICV 25MM TURF VALVE
	FLUSH VALVE
	HUNTER ICC IRRIGATION CONTROL UNIT
	FLOW SENSOR
	WATER SOURCE - ASSUMED LOCATION

	IRRIGATION LATERAL LINE: CLASS 12 SWJ PVC - 25MM
	IRRIGATION LATERAL LINE: CLASS 12 SWJ PVC - 40MM
	IRRIGATION LATERAL LINE: CLASS 12 SWJ PVC - 50MM
	IRRIGATION LATERAL LINE: 25MM LDPE TO GARDEN BEDS
	IRRIGATION LATERAL LINE: 25MM LDPE - TEMP IRRIGATION
	IRRIGATION MAINLINE: 63MM PN12.5 HDPE
	IRRIGATION MAINLINE: 50MM PN12.5 HDPE
	PIPE SLEEVE: IRRIGATION CONDUIT PROPOSED LOCATION



DRAWING:	012345-IR-A (SCHOOL)
STAGE:	FOR REVIEW ISSUE
TITLE:	IRRIGATION SYSTEM LAYOUT
CUSTOMER:	REECE IRRIGATION DESIGN
PROJECT:	MELBOURNE VIC EXAMPLE SCHOOL PROJECT

REV:	D	D			TK
DRAWN:	TK	C			
CHECKED:	ID	B			
SHEET:	IR101	A	15.02.24	FOR REVIEW DRAWING ISSUED	TK
DATE:	Dec-24	REV.	DATE	DESCRIPTION	BY



CONTROL VALVE - DRIP
NTS