

Drawing file: 13794-d1_20-05-16.dwg - Saved at: 20/09/2016 5:24:35 PM - Plotted at: 20/09/2016 11:50:12 AM - Original Size: A1



www.hydroplan.com.au



DESIGNED	JS	DATE	07/2016
DRAWN	JS	DATE	07/2016
CHECKED	JS	DATE	07/2016
QUALITY ASSURED	JS	DATE	07/2016



LEGEND	
	DN40 PE100 PN12.5 POLY MAINLINE PIPE
	DN40 PE100 PN12.5 POLY SUBMAIN PIPE
	19mm LOW DENSITY POLY PIPE
	RAIN BIRD XFS DRIPLINE 2.3LPH @ 0.457m EMITTER SPACING
	5 CORE x 1.5mm ² MULTI-STRANDED WIRING PATH
①	VALVE NUMBER
	25mm HUNTER ICV SOLENOID VALVE FITTED WITH SENNINGER PRLV-30 FLOW LIMIT PRESSURE REGULATOR
	CONNECTION POINT WITH 19mm GREENBACK VALVE (IN 150mm COMMERCIAL ROUND VALVE BOX)
	25mm WATER METER (REFER TO DRAWING)
	HUNTER NODE-200 BATTERY OPERATED CONTROLLER
	EXISTING DOUBLE CHECK VALVE ASSEMBLY (BPD)
	19mm FLUSH VALVE ASSEMBLY (IN 150mm COMMERCIAL ROUND VALVE BOX)

NOTES

CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO INSTALLATION OF THE IRRIGATION SYSTEM.

CONNECT TO WATER SOURCE AT THE LOCATION INDICATED ON PLAN.

ALL CONTROL CABLES AND PIPES CROSSING PATHWAYS TO BE INSTALLED WITHIN CONDUIT.

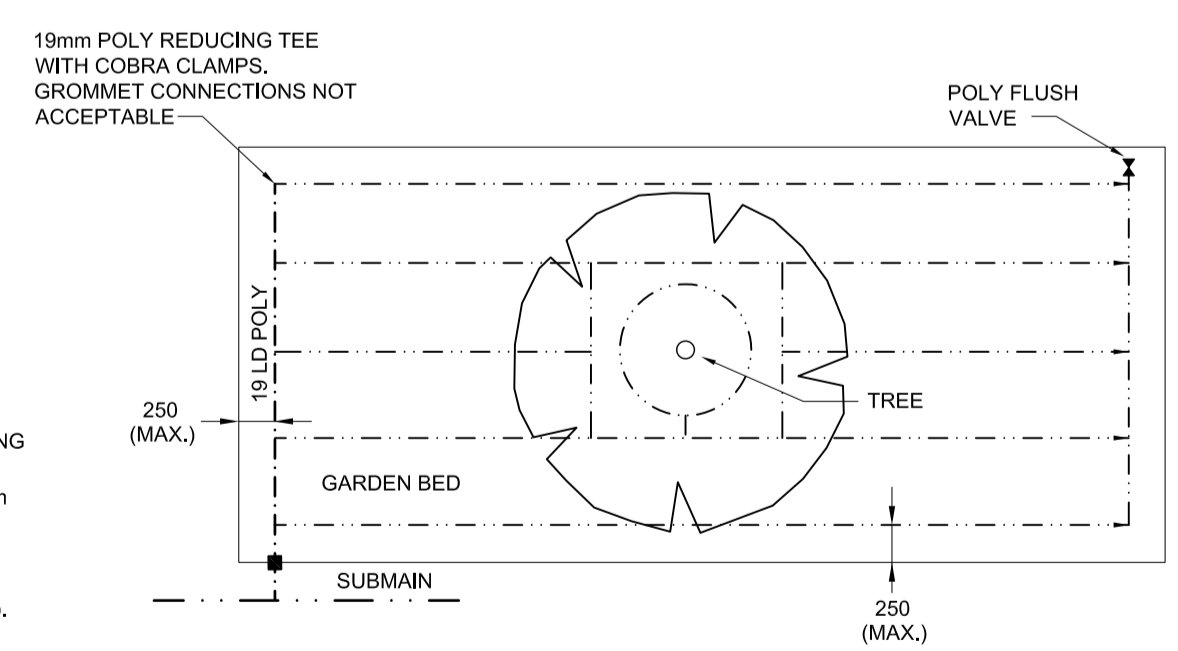
GARDEN BEDS

INSTALL RAIN BIRD XFS DRIPLINE, 2.3L/h PC EMITTERS @ 0.457m EMITTER SPACING. LATERAL SPACING TO BE 0.5m. TUBE TO BE LAID ON THE SURFACE AND COVERED WITH MULCH DURING THE LANDSCAPING. TUBE TO BE HELD DOWN WITH 150mm LONG PLASTIC PEGS (OR EQUIVALENT) AT 2m INTERVALS. ALLOW FOR FLUSHING VALVE ON ALL HEADER PIPES.

ALL DRIPLINE LATERALS SHALL BE CONNECTED TO HEADER AND FOOTER PIPES USING POLY TEE FITTINGS & STAINLESS STEEL COBRA CLAMPS (GROMMET CONNECTIONS WILL NOT BE ACCEPTED).

TREES

INSTALL AT THE BASE OF EACH TREE. INSTALL 300mm AND 450mm DIAMETER LOOPS OF RAIN BIRD XFS DRIPLINE (REFER TO DETAIL). NOTE: EXISTING ESTABLISHED TREES DO NOT REQUIRE ADDITIONAL WATERING.



LANDSCAPE GARDEN BEDS
 RAIN BIRD XFS DRIPLINE, 2.3L/h PC EMITTERS @ 0.457m EMITTER SPACING. LATERALS @ 0.5m SPACING. GENERALLY DRIP TUBE SHOULD BE INSTALLED IN A GRID PATTERN & INSTALLED TO PLANTED AREAS ONLY. IF THERE ARE NO PLANTS THERE IS NO IRRIGATION. TUBE IS TO BE COVERED WITH MULCH DURING THE LANDSCAPING.

TREES
 LOOPS OF RAIN BIRD XFS DRIPLINE, 2.3L/h PC EMITTERS @ 0.457m EMITTER SPACING (REFER TO NOTES).

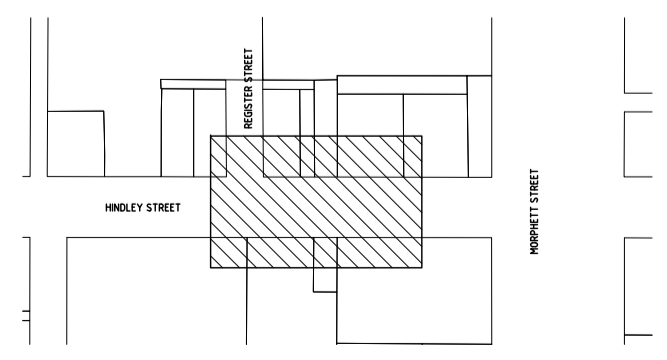
VALVE TABLE - DRIP

VALVE NO	FLOW (L/min)	SIZE (mm)	PRESSURE (kPa)	PRECIP RATE (mm/h)	RUN TIME (min) *	AREA	TYPE
N1	13	25	210	10	60	150	RAIN BIRD XFS
S1	21	25	210	10	60	243	RAIN BIRD XFS

* RUN TIME CALCULATED TO APPLY 10mm DRIP FLOW RATES AND AREAS ARE APPROXIMATE ONLY.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION.

The Contractor and his Sub-contractors shall verify all dimensions, lines, levels and existing service locations, prior to commencement on site, preparation of detail/shop drawings, and fabrication of construction/building components.



TENDER COPY - CERTIFICATION

"I, (Representative's Name) being a duly authorised representative of (Consulting firm or company) hereby:

- certify the information in this drawing is an accurate "design" representation of the works.
- certify that the "design" is in accordance with the brief and amendments thereto.
- accept responsibility for the "design" information contained in this drawing.
- acknowledge the "design" information contained in this drawing may be relied on by Council and others.

Certification for Stage by (Signature) on (Date) for: (Company Name)

TENDER REVISIONS/AMENDMENTS			
No.	DESCRIPTION	BY	DATE
01	CLIENT REVIEW ISSUE	JS	17/06/2016
T1	TENDER ISSUE	JS	11/07/2016

HINDLEY STREET REGISTER STREET TO MORPHETT STREET

HINDLEY STREET WEST STAGE 2 STREETSCAPE

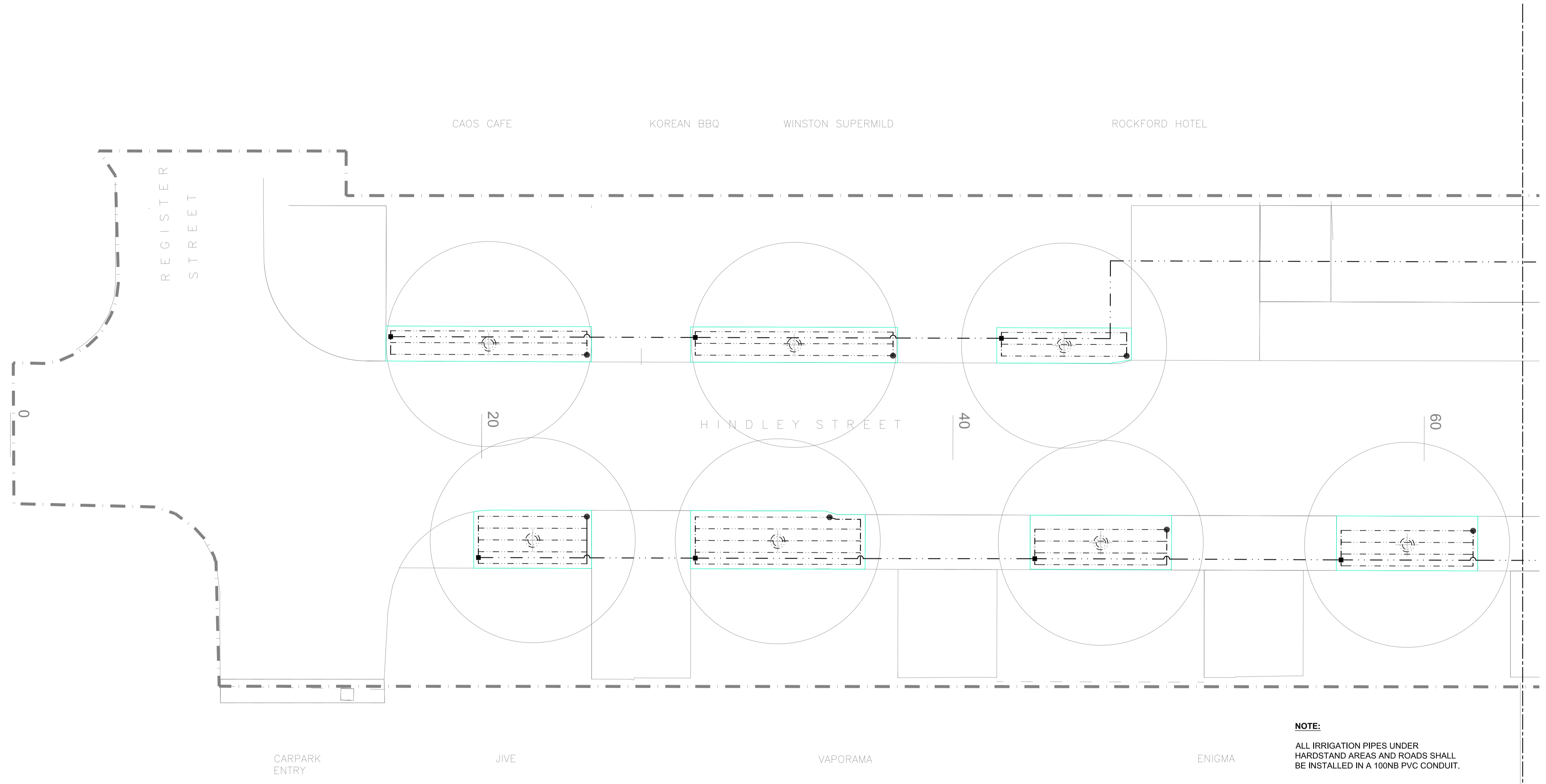
IRRIGATION PLAN - SHEET 1

ACC USE - SIGHTED FOR TENDER

PROJECT ASSET MANAGER DESIGN TEAM LEADER PROJECT MANAGER

ADELAIDE CITY COUNCIL	
ACC PROJECT NUMBER	P717
SCALE	1:100
NUMBER OF SHEETS	30
SHEET SIZE	A1
DRAWING SET NUMBER	T1
	26

ACC PLOTSTAMP: 20/09/2016 11:50 AM



LEGEND:	
	EXTENT OF WORK
	CHAINAGE
	NEW TREES

NOTE:
 ALL IRRIGATION PIPES UNDER HARDSTAND AREAS AND ROADS SHALL BE INSTALLED IN A 100NB PVC CONDUIT.

REFER SHEET 27 FOR CONTINUATION

TENDER - NOT FOR CONSTRUCTION

