NOTE:
ALL SEWER AND TRADE WASTE PIPEWORK SHALL BE INSTALLED AT THE FOLLOWING MINIMUM GRADES UNLESS OTHERWISE STATED:
- Ø40-Ø75: 2.50% MINIMUM
- Ø110: 1.65% MINIMUM
- Ø160: 1.00% MINIMUM

ALL VENT PIPEWORK SHALL BE INSTALLED AT 1.25% MINIMUM GRADE UNLESS OTHERWISE STATED.

PROVIDE 300x300x300 FLOOR SUMP FOR RECEIPT OF FIRE PUMP DRAIN AND EXTEND Ø100 TRAPPED WASTE TO ADJACENT SEALED GULLY TRAP.

PROVIDE 300x300x300 STAINLESS STEEL BOX TUNDISH SET AT 200mm AFSL FOR RECEIPT OF FIRE TANK OVERFLOW COMPLETE WITH Ø100 TRAPPED WASTE EXTENDING TO ADJACENT SEALED GULLY TRAP.

SUPPLY AND INSTALL INGROUND PUMP CHAMBER IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS. REFER TO HYDRAULIC SERVICES SPECIFICATION FOR FURTHER INFORMATION. PROVIDE HEAVY DUTY CLASS 'D' SEALED GATIC LID.

PROVIDE 200x200x200 STAINLESS STEEL BOX TUNDISH SET AT 50mm AFSL FOR RECEIPT OF MECHANICAL CONDENSATE COMPLETE WITH Ø50 TRAPPED WASTE EXTENDING TO ADJACENT SEALED GULLY TRAP.

PROVIDE Ø100 INSPECTION OPENING TO SURFACE FOR TOWNHOUSE DRAINAGE IN ACCORDANCE WITH AS/NZS3500 COMPLETE WITH HEAVY DUTY CLASS 'D' CAST IRON COVER SET AT FINISHED SURFACE LEVEL. REFER TO DETAIL ON DRAWING NUMBER 'LCE14462-H101' FOR FURTHER INFORMATION (TYPICAL).

SUPPLY AND INSTALL 5000L GREASE ARRESTOR FOR RECEIPT OF GROUND FLOOR TENANCY TRADE WASTE DRAINAGE IN ACCORDANCE WITH 'SA WATER CORPORATION' TRADE WASTE GUIDELINES AND MANUFACTURER INSTALLATION INSTRUCTIONS. PROVIDE CLASS 'D' SEALED GATIC LIDS TO GREASE ARRESTOR. REFER TO HYDRAULIC SERVICES SPECIFICATION FOR FURTHER INFORMATION (TYPICAL, 2 PLACES).

PROVIDE 200x200x200 STAINLESS STEEL BOX TUNDISH SET AT 50mm AFSL FOR RECEIPT OF BREAK TANK OVERFLOW COMPLETE WITH Ø100 TRAPPED WASTE EXTENDING TO ADJACENT SEALED GULLY TRAP.

INSTALL PUMP CONTROL PANEL ON STAIR WALL AT 1.5m AFSL COMPLETE WITH 2 x Ø50 CONDUITS RETICULATING BACK TO PUMP CHAMBER.

PROVIDE 200x200x200 STAINLESS STEEL BOX TUNDISH SET AT 50mm AFSL COMPLETE WITH Ø100 TRAPPED WASTE FOR RECEIPT OF SPRINKLER TEST DRAIN.

PROVIDE MECHANICAL PROTECTION TO ALL PIPEWORK RISERS LOCATED WITHIN CARPARK. REFER TO DETAIL ON DRAWING NUMBER 'LCE14462-H302' FOR FURTHER INFORMATION.

HATCHED AREA INDICATES EXTENT OF PIPEWORK PROPOSED TO BE CAST INTO CONCRETE FOOTING. OBTAIN WRITTEN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO COMMENCING WORKS.

PROVIDE Ø100 SEALED GULLY TRAP ON OUTLET OF GREASE ARRESTOR IN ACCORDANCE WITH 'SA WATER CORPORATION' TRADE WASTE GUIDELINES COMPLETE WITH Ø50 VENT EXTENDING TO ATMOSPHERE AND HEAVY DUTY CLASS 'D' CAST IRON COVER SET TO FINISHED SURFACE LEVEL (TYPICAL).

PROVIDE Ø75 REMOTE PUMP LINE TO ALLOW FOR PUMP OUT OF GREASE ARRESTORS COMPLETE WITH CAMLOCK CONNECTION INSTALLED AT 750mm AFSL FIXED TO COLUMN. REFER TO DETAIL ON DRAWING NUMBER 'LCE14462-H303' FOR FURTHER INFORMATION.

REV'N	DESCRIPTION	DATE	CHK'D
T1	TENDER ISSUE	23.05.19	KR

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TO BE PRINTED IN COLOUR
THE PURPOSE OF THIS DOCUMENT IS INTENDED TO BE VIEWED OR PRINTED IN COLOUR FOR THE FULL EXTENT OF THE SCOPE OF WORKS TO BE SHOWN.

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HYDRAULIC SERVICES

DRAWING
BASEMENT SANITARY DRAINAGE ARRANGEMENT

NOT FOR CONSTRUCTION PURPOSES UNLESS STAMPED FOR CONSTRUCTION. VERIFY DIMENSIONS AND LEVELS ON SITE BEFORE SETTING OUT. DO NOT SCALE. REFER TO FIGURED DIMENSIONS - IN mm UNLESS OTHERWISE STATED.

Scale	Design: JZ	No. in Set	Date
1 : 100	Drawn: JZ	5 of 25	MAY 2019
	Review: KR		
Orig. Size	Drawing no.		Revision
A1	LCE14462-H200		T1