ASSUMED LOCATION OFF EXISTING STORMWATER SHALL BE LOCATED, TESTED TO ENSURE FUNCTIONAL. SHOULD IT DOES NOT EXISTS AND/OR DEFECTIVE INSTALL A NEW MIN Ø100 LAID AT MIN 1% & 100 COVER DISCHARGING TO STREET GUTTER AS SHOWN

IL 50.20

450SQ GRATED PIT
RL51.45 IL 50.80

450SQ GRATED PIT
RL53.90 IL 53.50

INSTALL NEW PIT & 200W GRATED TRENCH TO COLLECT UPSTREAM RUNOFF & CONNECT TO EXISTING FUNCTIONAL SW

250WX200D GRATED TRENCH DRAIN

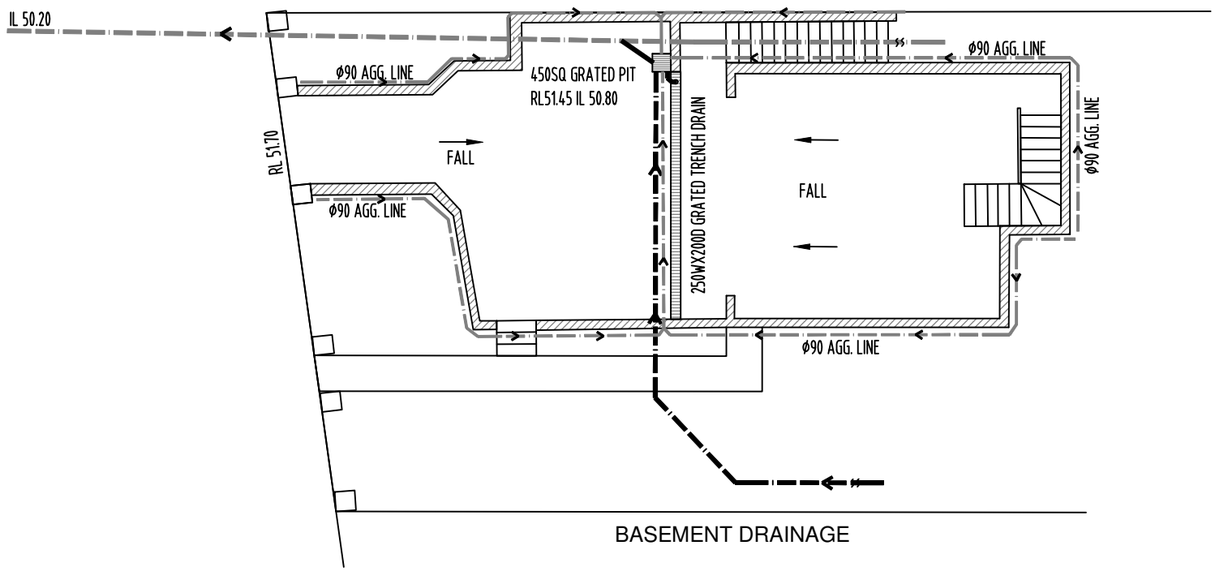
RL 51.70

INSTALL NEW PIT & 200W GRATED TRENCH TO COLLECT UPSTREAM RUNOFF & CONNECT TO EXISTING FUNCTIONAL SW

INSTALL NEW 450SQ GRATED PIT AND GRATED TRENCH & CONNECT TO EXISTING FUNCTIONAL STORMWATER SYSTEM AS SHOWN

REGRADE EXISTING LEVEL TO ENSURE RUNOFF FROM UPSTREAM IS DIVERTED AWAY FROM STEPS & DRIVEWAY AREA

450SQ GRATED PIT
RL54.50 IL 54.00



BASEMENT DRAINAGE

STORMWATER NOTES

1. ALL PIPES AND WORKMANSHIP ARE TO BE SOLVENT WELDED AND INSTALLED IN ACCORDANCE WITH RELEVANT PARTS OF AS/NZS 3500.
2. ALL PIPES ARE MIN 100mm DIA U.N.O LAID AT MIN. 1% GRADE & 100 COVER.
3. ALL DOWN PIPES SHALL BE 100mm DIA SOLVENT WELDED
4. EAVE GUTTERS SHALL HAVE MIN CROSS SECT AREA 8500mm2. BOX MIN 350WX200D UNO
5. PLUMBER MUST INVESTIGATE ALL UNDERGROUND SERVICES LOCATIONS AND LEVELS BY CONTACTING "DIAL BEFORE YOU DIG" PRIOR TO WORKS COMMENCING. ANY CONFLICT OR DISCREPENCIES WITH DESIGN, THE ENGINEER SHALL BE CONSULTED FOR RESOLUTION.
6. THE LOCATION OF PIPELINE AND D.P SHOWN ARE NOT RESTRICTIVE. THEY CAN BE VARIED TO SUIT SITE CONDITIONS AS LONG AS THE TOTAL AREA DRAINING TO EACH PIPE/D.P REMAINS ESSENTIALLY THE SAME AND MINIMUM GRADIENT IS MAINTAINED.
7. THE DESIGN COVERS THE COLLECTION & DISPOSAL OF SURFACE WATER ONLY. ANY SUB-SURFACE SYSTEMS SHOWN ARE INDICATIVE ONLY. BUILDER SHALL CONSULT OTHER PROFESSIONALS FOR THE COLLECTION & DISPOSAL OF SEEPAGE & SUBSURFACE WATER FLOWS WHERE REQUIRED FOLLOWING DETAILED SITE INVESTIGATION.
8. ALL GUTTERS AND ROOF FLASHING INSTALLATION SHALL BE IN ACCORDANCE WITH RELEVANT SECTIONS OF AS3500.3 REGARDING OVERFLOW PROTECTION.
9. THE EXISTING STORMWATER SYSTEM AS ASSUMED SHALL BE LOCATED, TESTED TO ENSURE FUNCTIONAL FOR CONNECTION. SHOULD IT DOES NOT EXISTS AND/OR DEFECTIVE INSTALL A NEW MINIMUM Ø100 SYSTEM LAID AT MIN 1% AND 100 COVER & CONNECT TO STREET GUTTER AS SHOWN. CONSULT ENGINEER FOR RESOLUTION WHERE REQUIRED.

CONCEPT FOR DA SUBMISSION

Rev	Description	Eng	Draft	Date
A	FOR DA SUBMISSION	MN	MN	30.3.22

Client: MR & MRS FARLEY

Drawn	Designed	Checked	Scale
MN	MN	MN	1:150
Prj No. 210900	Drw No. C01	Issue A	Date 27.6.21

Title: STORMWATER LAYOUT

Project: ALTERATIONS & ADDITIONS AT 12 Worrobil St, Balgowlah

DEVELOPMENT ENGINEERING SOLUTIONS
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