

GROUND FLOOR & SITE STORMWATER MANAGEMENT PLAN  
1:100

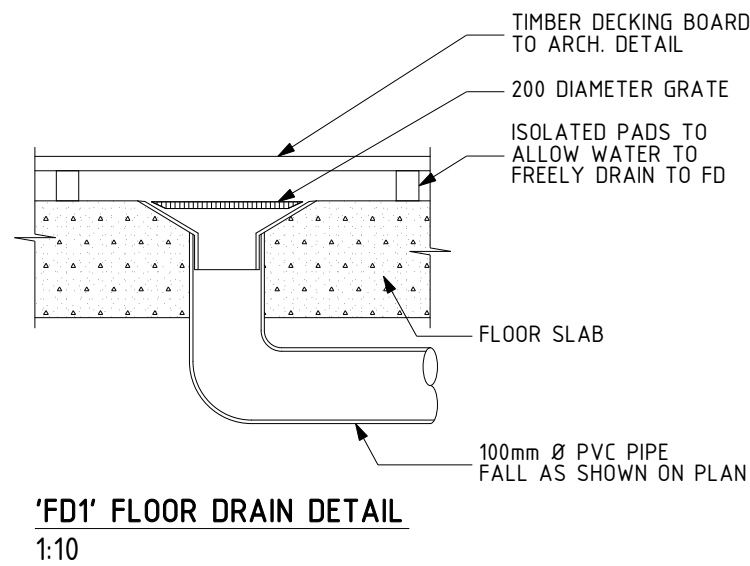
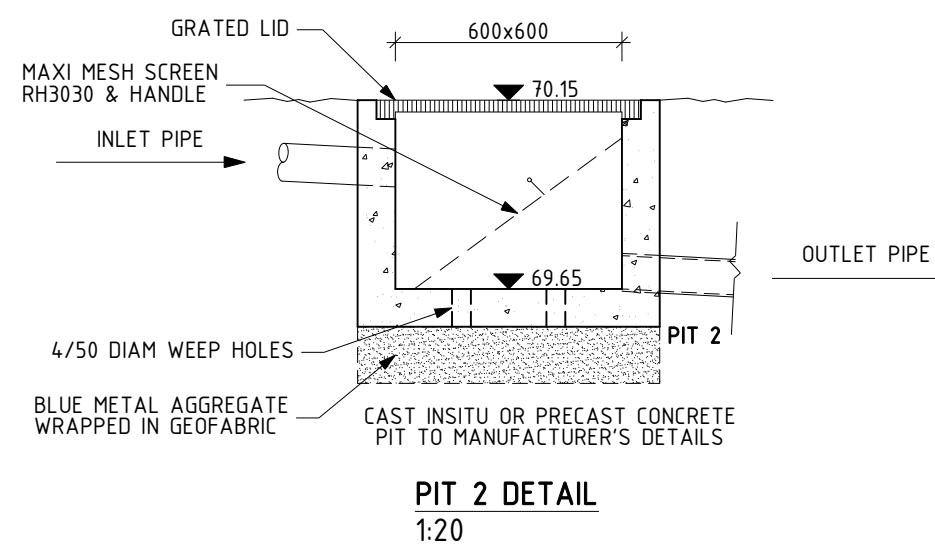
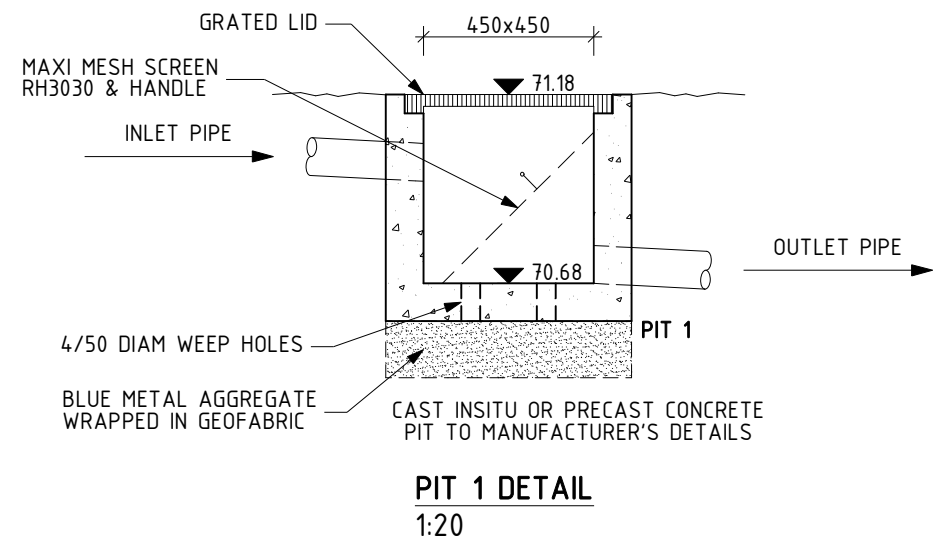
- STORMWATER NOTES:**
1. ALL PIPES TO BE 100mm Ø UNLESS NOTED OTHERWISE.
  2. ALL PIPES TO BE uPVC UNLESS NOTED OTHERWISE.
  3. ALL PIPES TO BE LAID AT 1 % MINIMUM GRADE UNLESS NOTED OTHERWISE.
  4. ALL PIPES SHALL BE LAID ON A 75mm SAND BED, COMPACTED TO 100% S.M.D.D. BELOW PAVEMENTS. (NO COMPACTION REQUIRED BELOW LANDSCAPING) COVER TO SURFACE FROM TOP OF PIPE TO BE 300mm MINIMUM BACKFILL TO BE ADEQUATELY CONSOLIDATED AROUND PIPES BY METHOD OF RAMMING AND WATERING. TRENCHES TO BE FILLED WITH GRANULAR MATERIAL AS SPECIFIED.
  5. ALL PIPES SHOWN ON PLAN ARE SHOWN INDICATIVELY ONLY & MINIMUM CLEARANCES FROM THE EXTERNAL WALLS OF BUILDINGS, FOR THE EXCAVATION OF TRENCHES, ARE TO BE PROVIDED IN ACCORDANCE WITH AS3500.
  6. ALL DOWN PIPES TO BE 90mm Ø UNLESS NOTED OTHERWISE.
  7. DOWN PIPE LOCATIONS ARE INDICATIVE ONLY. LOCATIONS TO BE CONFIRMED WITH ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
  8. PROVIDE CLEANING EYES AT ALL DOWNPIPES U.N.O.
  9. ALL PITS GREATER THAN 1000mm DEEP SHALL HAVE STEP IRONS AS PER COUNCIL STANDARDS.
  10. ALL WORK TO BE IN ACCORDANCE WITH LOCAL COUNCIL STANDARDS AND SPECIFICATIONS.
  11. ALL LEVELS SHOWN ARE TO AHD.
  12. ENSURE THAT ALL PITS AND STORMWATER PIPES ARE LOCATED CLEAR FROM TREE ROOT SYSTEMS.
  13. EXCAVATION OF TRENCHES ADJACENT TO TREES TO BE CARRIED OUT USING HAND TOOLS ONLY.
  14. ALL EXISTING EARTHWARE PIPES TO BE UPGRADED TO uPVC. IN ACCORDANCE WITH AS3500 AS/IF REQUIRED.
  15. ALL WORKS TO BE IN ACCORDANCE WITH AS 3500.
  16. THE FOLLOWING ABBREVIATIONS DENOTE:  
FSL - FINISHED SURFACE LEVEL  
INV - INVERT
  17. PROVIDE FALLS IN SURFACES TO ALL PITS, GRATED DRAINS & FLOOR DRAINS IN ACCORDANCE WITH AS3500 & ARCHITECT'S DETAILS.

AREA CALCULATIONS	
SITE AREA:	646.5m <sup>2</sup>
PRE DEVELOPMENT IMPERVIOUS AREA:	337.3m <sup>2</sup>
POST DEVELOPMENT IMPERVIOUS AREA:	284.2m <sup>2</sup>
DECREASE IN IMPERVIOUS AREA:	53.1m <sup>2</sup>

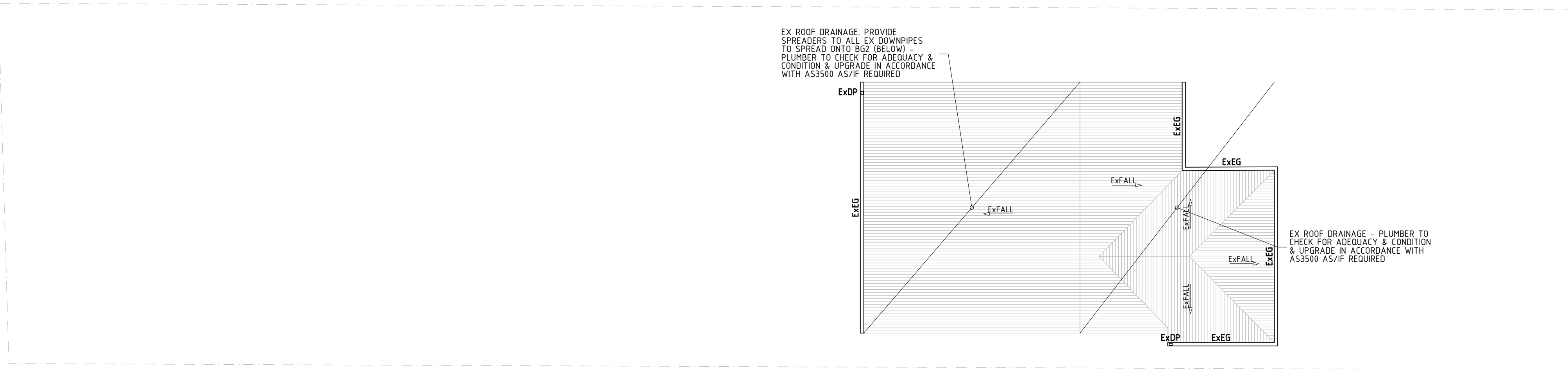
AS THE DEVELOPMENT IS ALTERATIONS & ADDITIONS, OSD IS NOT REQUIRED IN ACCORDANCE WITH COUNCIL'S POLICY.

RL 66.15	DENOTES EXISTING LEVELS
RL 65.15	DENOTES PROPOSED LEVELS

MARK	SIZE/TYPE	FSL	INV
PIT 1	450x450 PIT WITH GRATED LID	71.18	70.68
PIT 2	600x600 PIT WITH GRATED LID	70.15	69.65
FD1	200 DIAMETER FLOOR DRAIN	-	-
DP	100x75 COLORBOND DOWNPIPE	-	-
RWH	1030 WIDE x MIN 150 LONG x MIN 150 DEEP RAINWATER HEAD	-	-
EG1	QUAD 115 EAVES GUTTER	-	-
BG1	300 WIDE x MIN 100 DEEP BOX GUTTER WITH 600 LONG x 300 WIDE x 150 DEEP SUMP & DOWNPIPE & VERTICAL OVERFLOW DOWNPIPE	-	-
BG2	1030 WIDE x MIN 100 DEEP BOX GUTTER	-	-
ExDP	EXISTING DOWNPIPE - PLUMBER TO CHECK FOR ADEQUACY & CONDITION & UPGRADE IN ACCORDANCE WITH AS3500 AS/IF REQUIRED	-	-
ExEG	EXISTING EAVES GUTTER - PLUMBER TO CHECK FOR ADEQUACY & CONDITION & UPGRADE IN ACCORDANCE WITH AS3500 AS/IF REQUIRED	-	-



FIRST FLOOR & LOWER ROOF DRAINAGE PLAN  
1:100



UPPER ROOF DRAINAGE PLAN  
1:100

REV.	DATE	REVISION DESCRIPTION	BY	REV.	DATE	REVISION DESCRIPTION	BY
B	16.03.20	REVISED AS PER ARCH REQUEST	DI				
A	13.03.20	ISSUE FOR DA SUBMISSION ONLY	DI				
1	12.03.20	ISSUE FOR REVIEW ONLY	DI				

ARCHITECT	VIEWTHRU
CLIENT	JEFF O'DONNELL

STATUS	ISSUE FOR DA SUBMISSION ONLY			DATE	MAR 2020
PROJECT	20 QUIRK ST, DEE WHY			PROJECT NUMBER	200208
DRAWING	STORMWATER MANAGEMENT PLAN			DRAWING NUMBER	D01