

NOTES

1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS, STRUCTURAL DRAWINGS AND THE SPECIFICATION.
2. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR SHALL SATISFY HIMSELF OF THE CORRECT LOCATION OF EXISTING SERVICES WHETHER INDICATED OR NOT ON THE PLANS. ANY DAMAGE TO EXISTING SERVICES SHALL BE RECTIFIED AT THE CONTRACTORS EXPENSE.
3. TRAFFIC MANAGEMENT MEASURES HAVE TO BE IMPLEMENTED AND MAINTAINED DURING CONSTRUCTION, ALL IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS. THE CONTRACTOR SHALL MAINTAIN SAFE PEDESTRIAN ACCESS ALONG THE FOOTPATH.
4. THE CONTRACTOR SHALL EFFECT TEMPORARY DRAINAGE MEASURES TO AVOID LOCALISED PONDING OF SURFACE RUN-OFF.
5. REFER TO ARCHITECT'S DRAWINGS FOR ALL DETAILS (LEVELS, GRADING ETC.) OF DRIVEWAYS, CONCRETE AND PAVED AREAS, AND RETAINING WALL TYPES AND LOCATIONS.
6. REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR DETAILS AND EXTENT OF ALL LANDSCAPED AREAS.
7. ALL SWD PIPES ARE UPVC AT 1.0% MINIMUM GRADE (UNO).
8. SWD PITS CAN BE PRE-CAST SIZED AS FOLLOWS:
450mm SQ. UP TO 600mm DEEP
600mm SQ. UP TO 1000mm DEEP
9. ALL PITS LOCATED IN TRAFFICABLE AREAS, (IE, DRIVEWAYS) TO HAVE MEDIUM DUTY GRATED COVERS SUITABLE FOR WITHSTANDING LOADS ASSOCIATED WITH SMALL TRUCKS.
10. PROVIDE STEP IRONS TO ALL PITS GREATER THAN 1.2m DEEP.
11. THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF WORKS.
12. TOPSOIL SHALL BE STRIPPED DN STOCKPILED OUTSIDE HAZARD AREAS SUCH AS DRAINAGE LINES. THIS TOPSOIL IS TO BE RESPREAD LATER ON AREAS TO BE REVEGETATED.
13. THE CONTRACTOR SHALL REGULARLY MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES AND REMOVE ACCUMULATED SILT FROM SUCH DEVICES. ALL SILT REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE SUPERINTENDENT. THE PERIOD FOR MAINTAINING THESE DEVICES SHALL BE AT LEAST UNTIL ALL DISTURBED AREAS ARE REVEGETATED AND FURTHER AS MAY BE DIRECTED BY THE SUPERINTENDENT OR COUNCIL.
14. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL UNTIL FINAL COMPLETION OF WORKS.

LEGEND

RL 00.000	NEW REDUCED LEVEL
GFL. 00.00	GROUND FLOOR LEVEL
FFL. 00.00	FINISH FLOOR LEVEL
A,B,C,D, etc.	REFER TO PIPE SCHEDULE
L1	PIPE LABEL
PIT P1	SURFACE INLET PIT
● DP	DOWNPIPE
□ RWH	RAIN WATER HEAD
	PIT: SIZE AS MARKED
	SEALED PIT: SIZE AS MARKED
	W:200mm x D:200mm GRATED DRAIN
	GROUND FALL
	OVERLAND FLOW
	UPVC PIPE TO RAIN WATER TANK
	UPVC DRAINAGE PIPE IN GROUND
	RWT OVERFLOW PIPE & OUTLET PIPE
	EXISTING DRAINAGE EASEMENT PIPE



DRAINAGE LAYOUT PLAN

SCALE : 1:100

ALL DRAINAGE LINES SHALL BE UPVC (CLASS SH) STORMWATER DRAINAGE PIPE, UNO.

ALL DRAINAGE LINES SHALL BE LAID @ 1% FALL MIN. UNO. FIRST FLUSH RAINWATER DEVICES TO BE FITTED TO DRAINAGE LINES TO BUILDER'S DETAIL. TYPICAL MINIMUM EFFECTIVE EAVES GUTTER SIZE = 6700 mm² MINIMUM EFFECTIVE EAVES GUTTER SLOPE = 1:500 APPROXIMATE LOCATIONS OF EXISTING SERVICES SHOWN EXACT LOCATIONS & DEPTHS TO BE ACCURATELY LOCATED BY BUILDER CONTRACTOR BY CONTACTING THE RELEVANT AUTHORITIES BEFORE COMMENCEMENT OF ANY WORKS

THE FOLLOWING SYMBOLS & ABBREVIATIONS HAVE BEEN USED:

DP = Ø100, UNO.
FD = FLOOR OUTLET, REFER TO DETAIL
SIP = SURFACE INLET PIT (NO LINTEL)
100Ø = Ø100 CHARGED LINE
IP = Ø150 INSPECTION POINT
RWH = RAIN WATER HEAD
RWO = RAIN WATER OUTLET (300 x 300)
FG = FLOOR GULLY Ø150
E = RAINWATER SPREADER
RL 16.85 = PROPOSED FINISHED SURFACE LEVEL

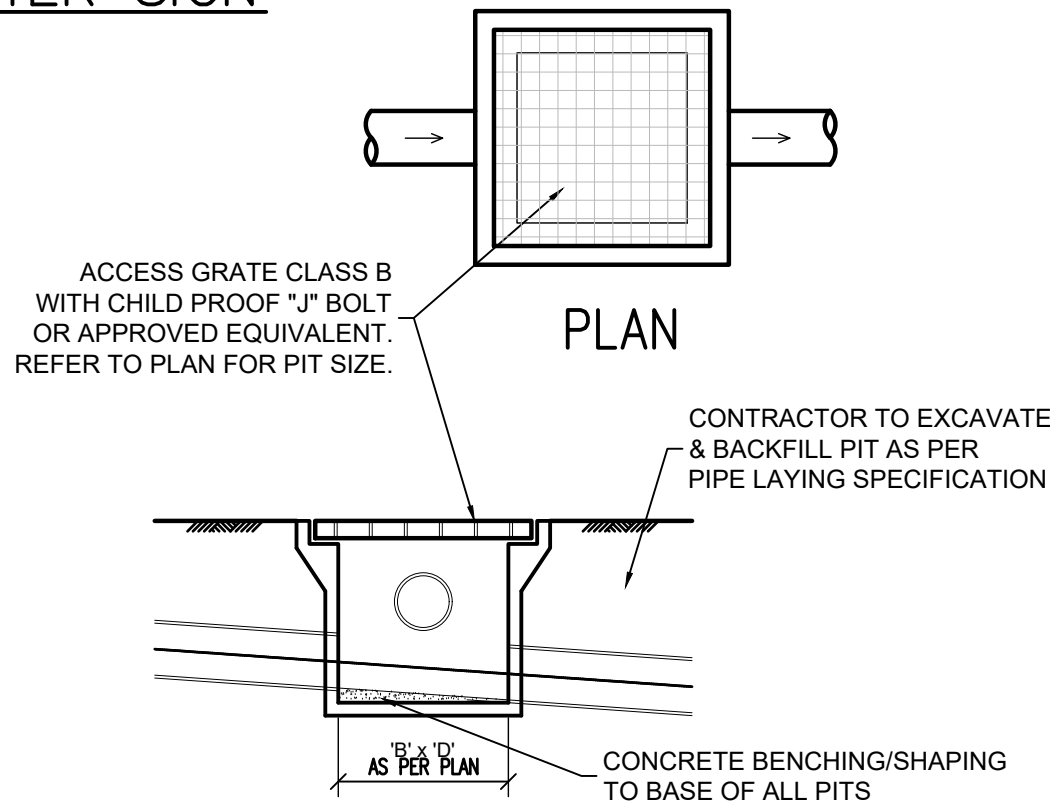
PLEASE NOTE - AS PER BASIX REPORT

- MINIMUM TANK SIZE TO BE 1000 LITRES
- MINIMUM ROOF CATCHMENT AREA OF 100 SQUARE METRES TO BE COLLECTED BY RAINWATER TANK



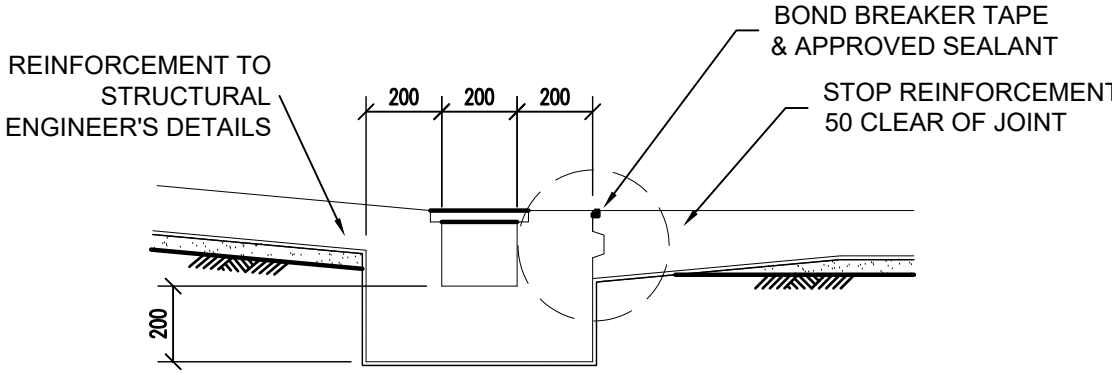
RAINWATER SIGN

NTS



SECTION-TYPICAL SURFACE INLET PIT

TYPICAL FOR ALL PITS IN NON-TRAFFIC AREAS



SECTION-TYPICAL GRATED DRAIN

NTS

GROUND FLOOR DRAINAGE PLAN

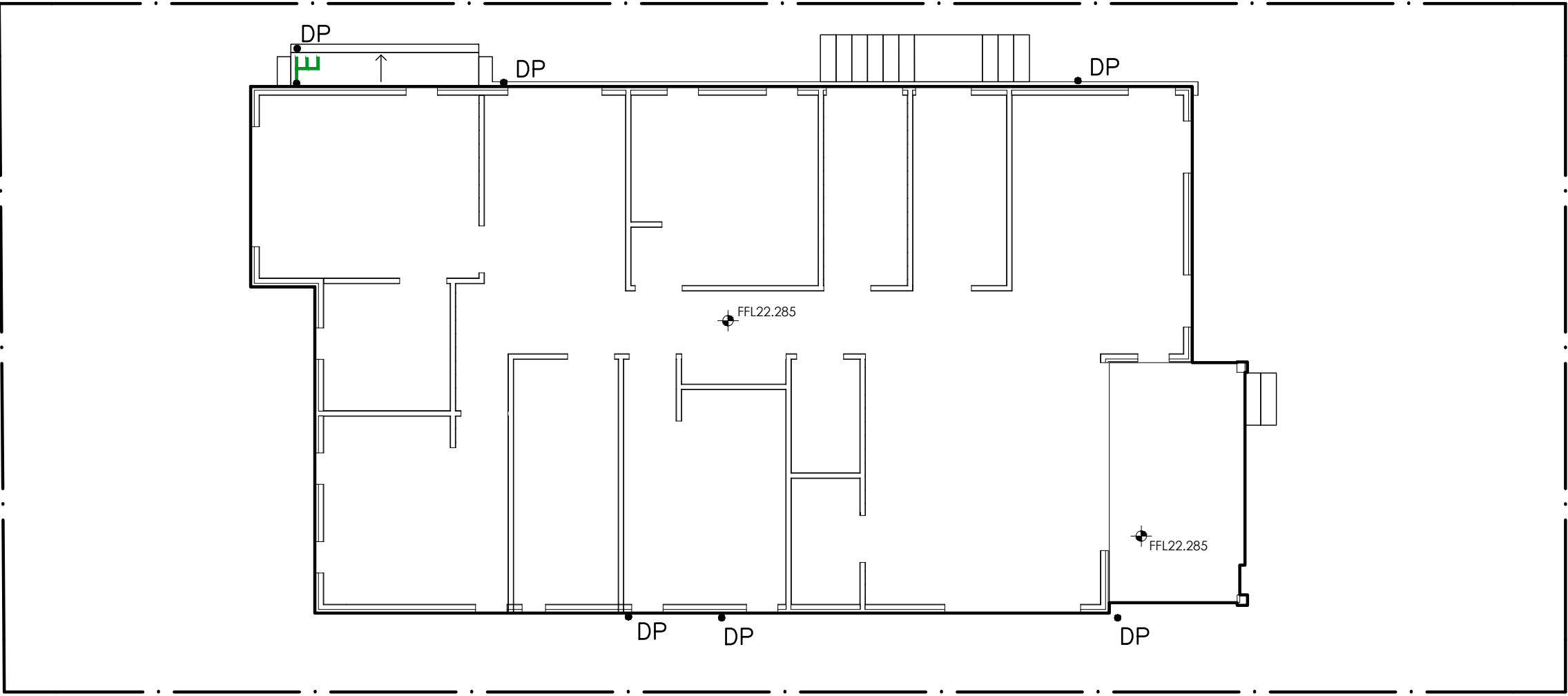
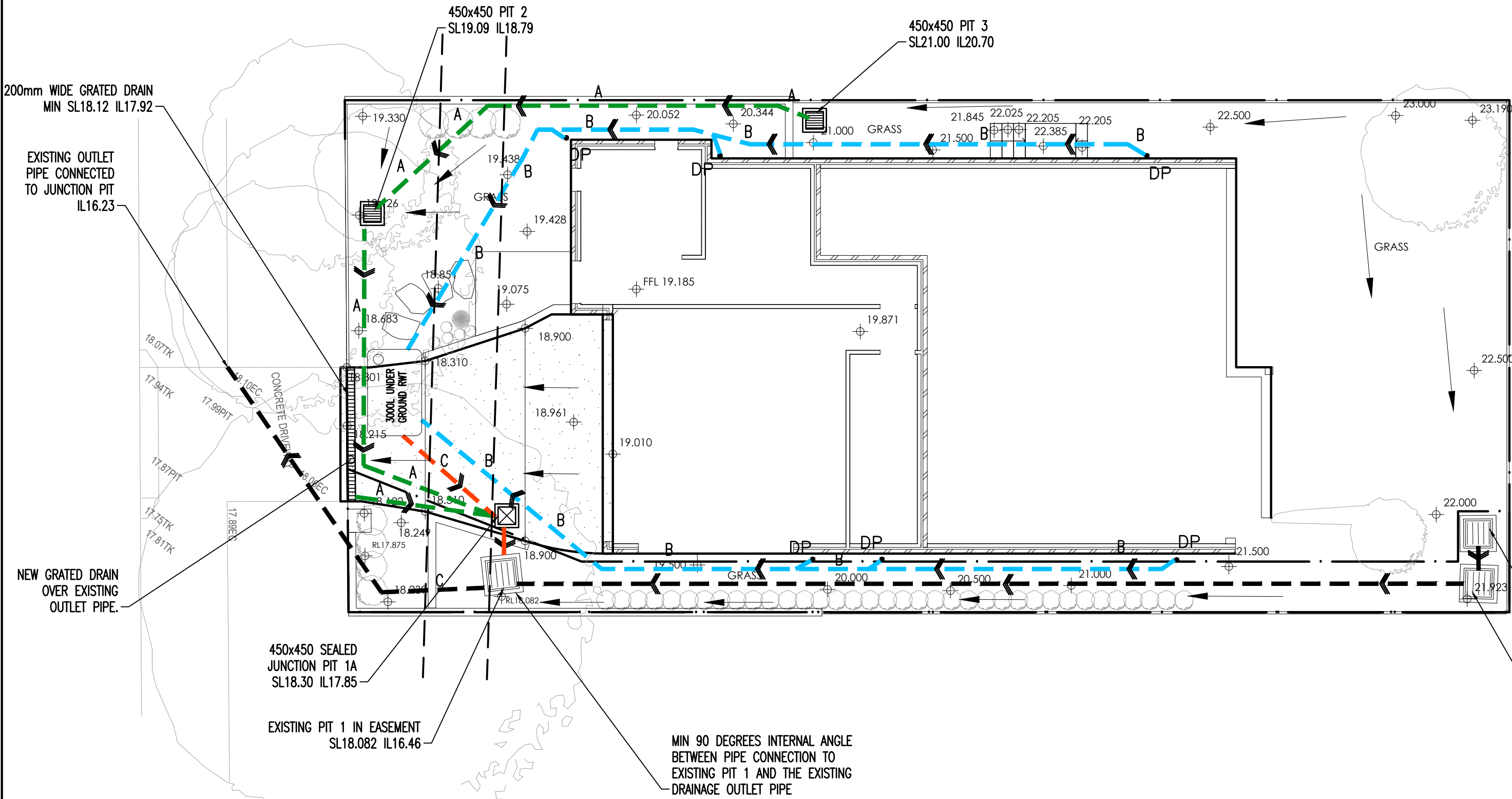
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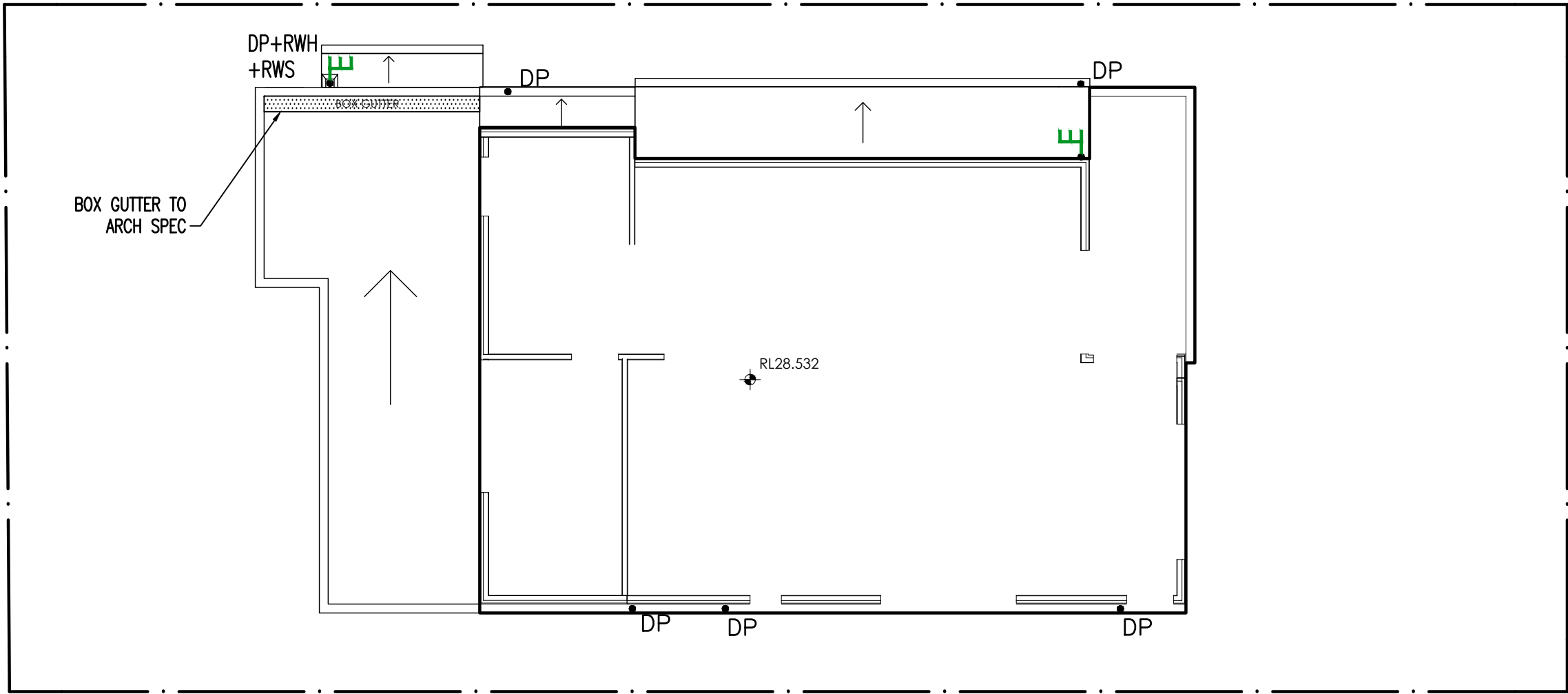
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PROJECT
PROPOSED DEVELOPMENT
LOT 2, 6 ORCHARD STREET
WARRIEWOOD
CLIENT
SKYCORP
ARCHITECT / PROJECT MANAGER
PTI ARCHITECTURE

DRAWING TITLE BASEMENT AND GROUND FLOOR DRAINAGE LAYOUT PLAN			
SCALES A1 - 1:100	DESIGNED A.C.	DRAFTED M.W.	
DRAWING NO. C22065-SW 100	APPROVED A.C.	REVISION H	



FIRST FLOOR DRAINAGE PLAN

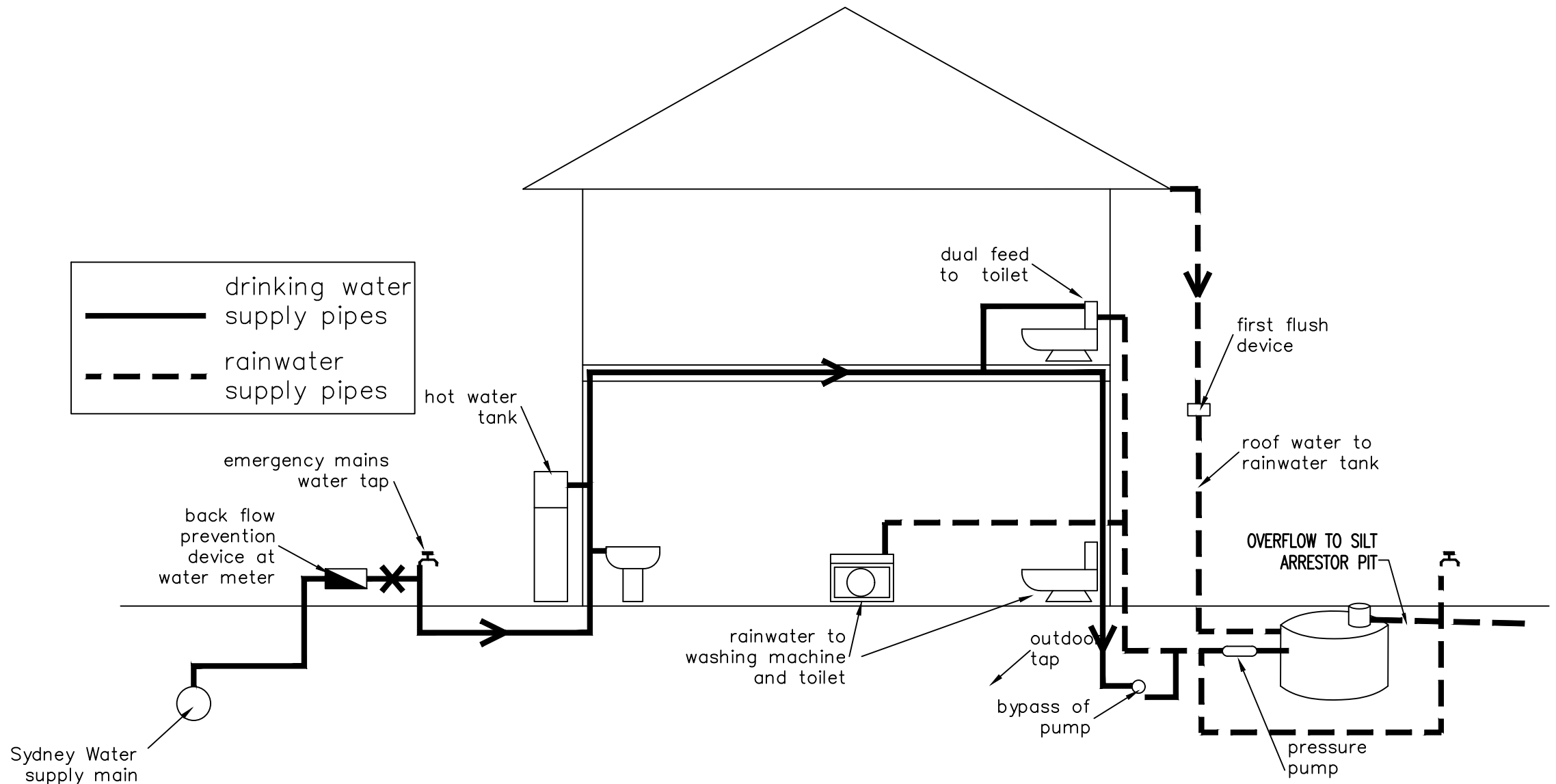
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TO BUILDER'S DETAIL. TYPICAL MINIMUM EFFECTIVE EAVES GUTTER
SIZE = 6700 mm²
MINIMUM EFFECTIVE EAVES GUTTER SLOPE = 1:500

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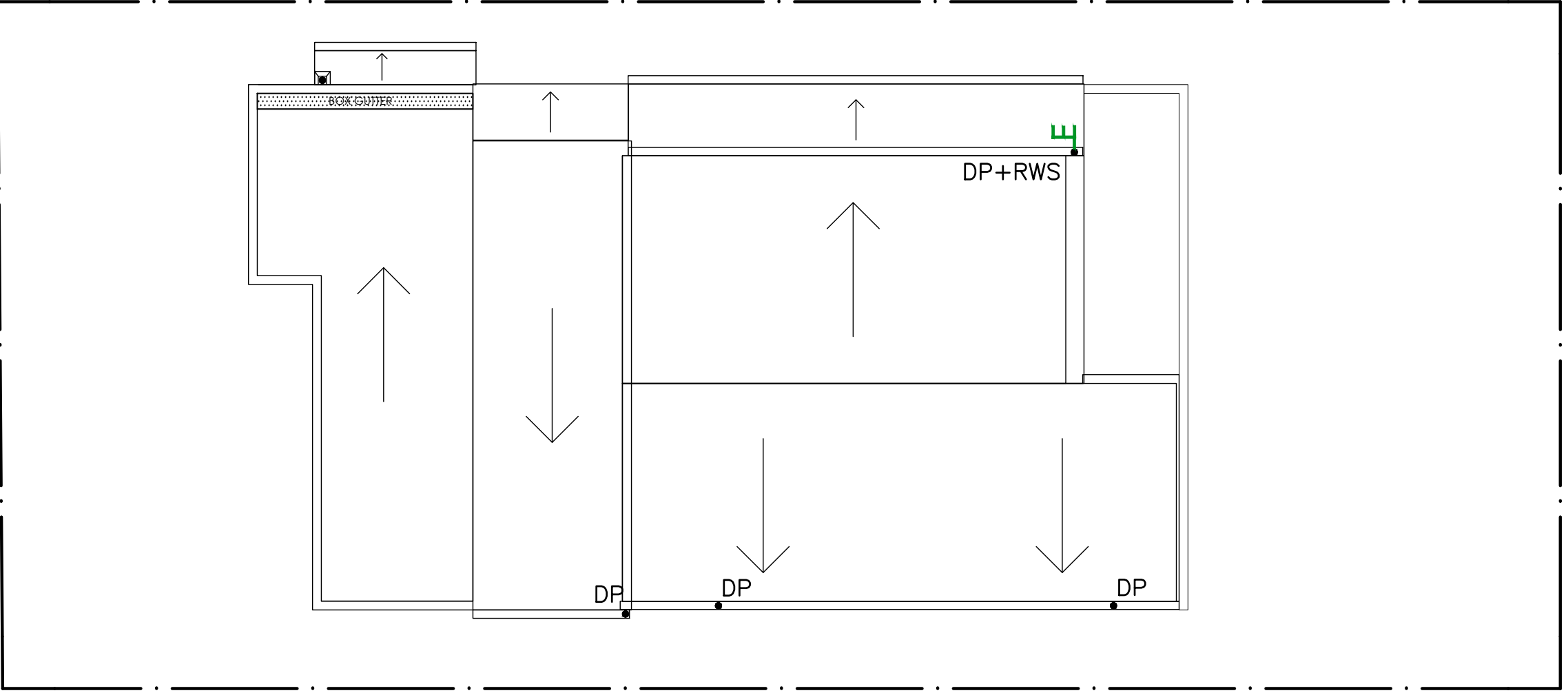


RAINWATER TANK EXPLANATORY DIAGRAM

SCALE : NTS

NOTE:

- 1.TANK WATER IS NOT RECOMMENDED FOR HUMAN CONSUMPTION.
- 2.A SIGN STATING NOT FOR DRINKING MUST BE AFFIXED TO THE TANK AND OR TAP FIXTURE
- 3.ANY PUMP INSTALLED FOR THE RAINWATER TANKS IS TO BE NO LOUDER THAN 5dB(A) ABOVE BACKGROUND NOISE LEVELS



ROOF DRAINAGE PLAN

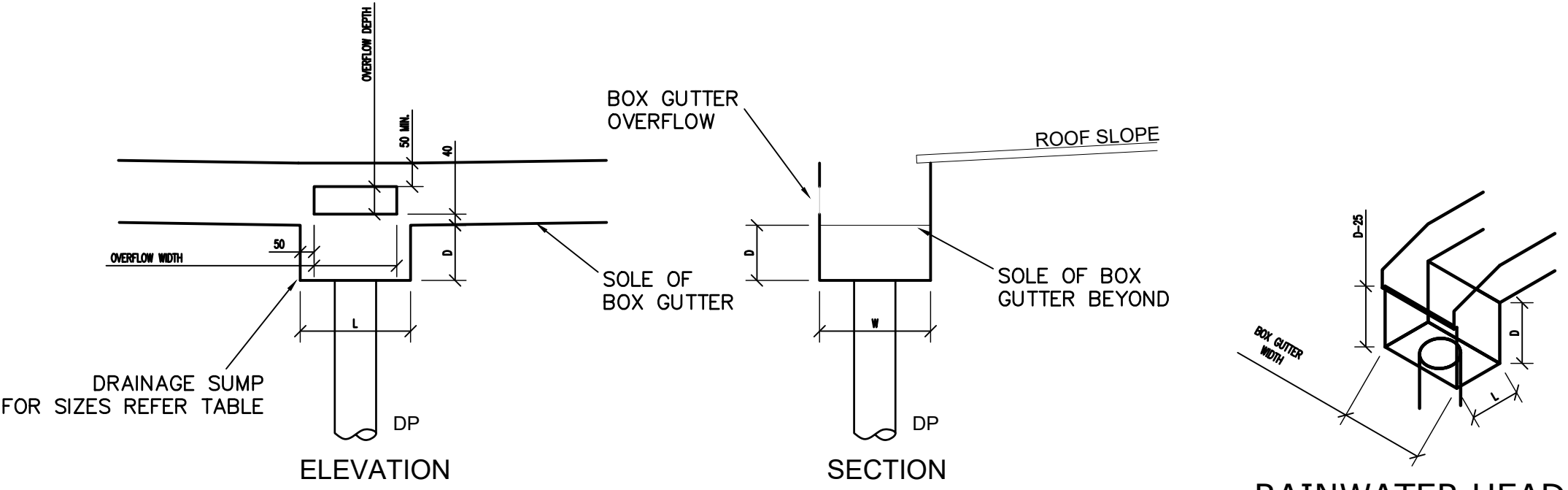
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TYPICAL BOX GUTTER DETAIL WITH SUMP OVERFLOW

1:20

BOX GUTTER, RAINWATER HEAD & SUMP SIZING SCHEDULE					
NODE	BOX GUTTER SIZE	RAINWATER HEAD SIZE	SUMP SIZE	OVERFLOW TO SUMP	DOWNPIPE Ø mm
BG1	300W x 150D	150Lx300Wx200H	200L X 150D	200W X 100H	150

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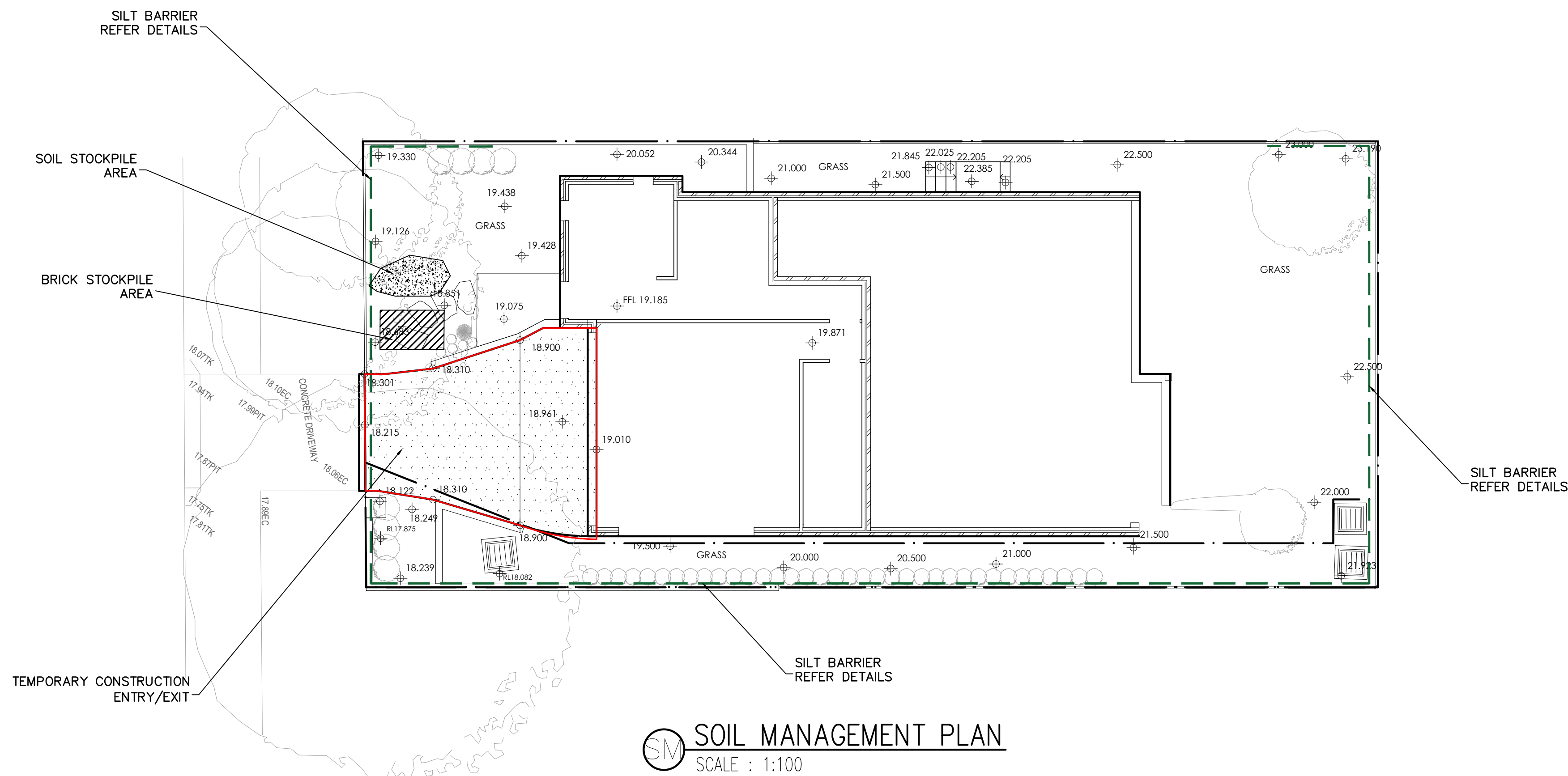
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LOT 2, 6 ORCHARD STREET
WARRIEWOOD

CLIENT
SKYCORP

ARCHITECT / PROJECT MANAGER
PTI ARCHITECTURE

DRAWING TITLE
FIRST FLOOR AND ROOF
DRAINAGE PLAN

SCALES A1 - 1:100	DESIGNED A.C.	DRAFTED M.W.
DRAWING NO. C22065 -SW 101	APPROVED A.C.	REVISION H

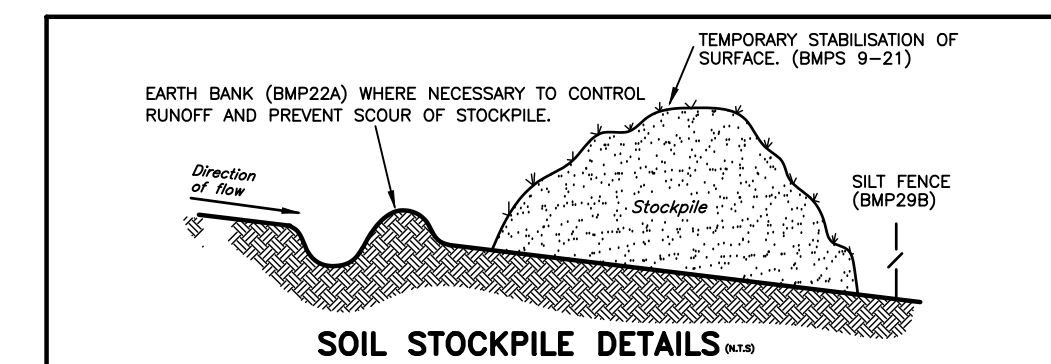
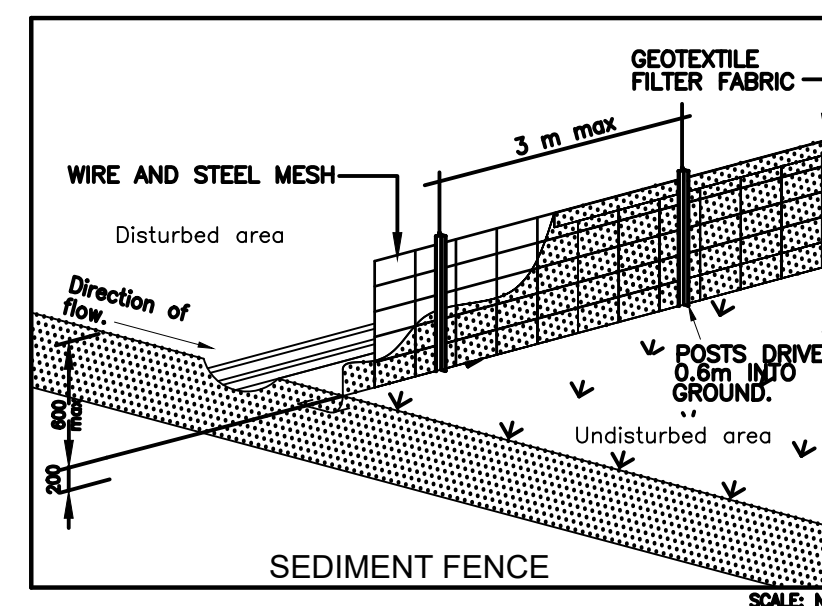
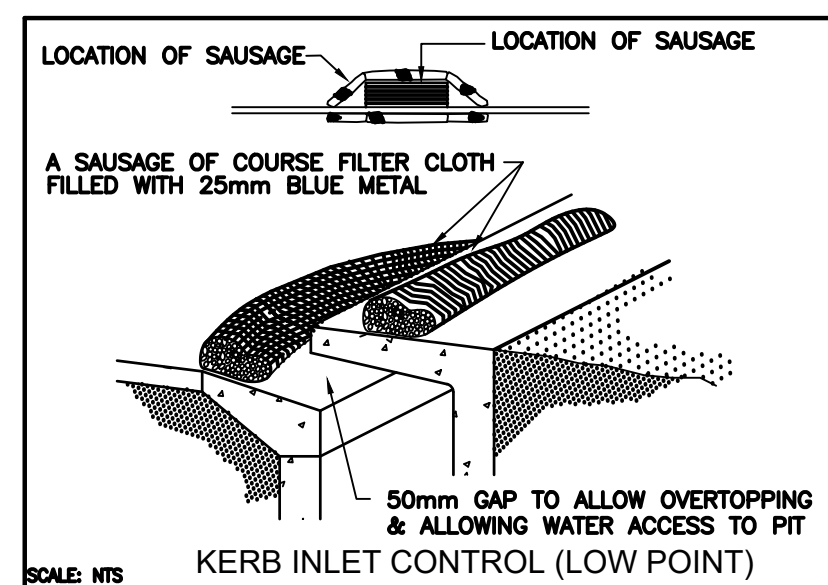
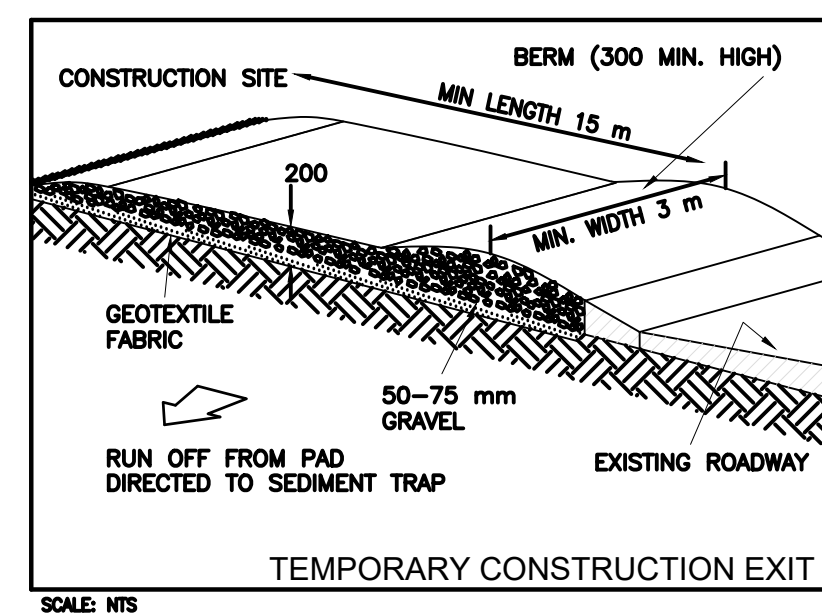
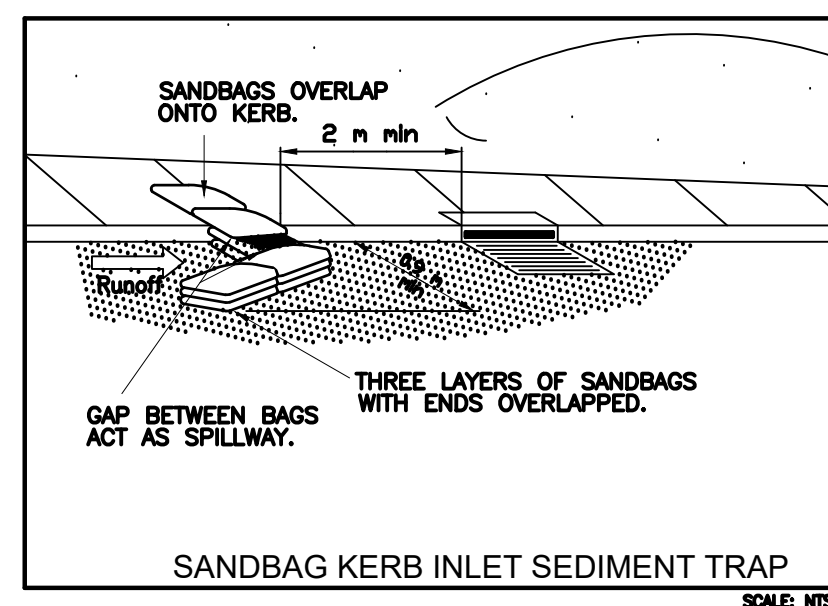


SOIL EROSION CONTROL INSTRUCTIONS

- EARTH BATTERS WILL BE CONSTRUCTED WITH AS LOW AS A GRADIENT AS PRACTICABLE BUT NO STEEPER, UNLESS OTHERWISE NTOED, THAN:
 - 2(H):1(V) WHERE SLOPE LENGTH LESS THAN 12 METRES
 - 2.5(H):1(V) WHERE SLOPE LENGTH BETWEEN 12 & 16 METRES
 - 3(H):1(V) WHERE SLOPE LENGTH BETWEEN 16 & 20 METRES
 - 4(H):1(V) WHERE SLOPE LENGTH GREATER THAN 20 METRES
- ALL WATERWAYS, DRAINS, SPILLWAYS AND THEIR OUTLETS WILL BE CONSTRUCTED TO BE STABLE IN AT LEAST THE 1:20 YEAR ARI, TIME OF CONCENTRATION STORM EVENT.
- WATERWAYS AND OTHER AREAS SUBJECT TO CONCENTRATED FLOWS AFTER CONSTRUCTION ARE TO HAVE A MAXIMUM GROUND COVER C-FACTOR OF 0.05 (70% GROUND COVER) WITHIN 10 WORKING DAYS FROM COMPLETION OFFORMATION. FLOW VELOCITIES ARE TO BE LIMITED TO THOSE SHOWN INTABLE 5-1 OF "MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION DEPT OF HOUSING 1998 (BLUE BOOK). FOOT AND VEHICULAR TRAFFIC WILL BE PROHIBITED IN THESE AREAS.
- STOCKPILES AFTER CONSTRUCTION ARE TO HAVE A MAXIMUM GROUND COVER C-FATOR OF 0.1 (60% GROUND COVER) WITHIN 10 WORKING DAYS FROM COMPLETION OF FORMATION.
- ALL LANDS, INCLUDING WATERWAYS AND STOCKPILES, DURING CONSTRUCTION ARE TO HAVE A MAXIMUM GROUND COVER C-FACTOR OF 0.15 (50% GROUND COVER) WITHIN 20 WORKING DAYS FROM INACTIVITY EVEN THOUGH WORKS MAY CONTINUE LATER.
- FOR AREAS OF SHEET FLOW USE THE FOLLOWING GROUND COVER PLANT SPECIES FOR TEMPORARY COVER: JAPANESE MILLET 20KG/HA AND OATS.
- PERMANENT REHABILITATION OF LANDS AFTER CONSTRUCTION WILL ACHIEVE A GROUND COVER C-FACTOR OF LESS THAN 0.1 AND LESS THAN 0.05 WITHIN 60 DAYS. NEWLY PLANTED LANDS WILL BE WATERED REGULARLY UNTIL AN EFFECTIVE COVER IS ESTABLISHED AND PLANTS ARE GROWING VIGOROUSLY FOLLOW-UP SEED AND FERTILISER WILL BE APPLIED AS 20KG/HA
- REVEGATATION SHOULD BE AIMED AT RE-ESTABLISHING NATURAL SPECIES. NATURAL SURFACE SOILS SHOULD BE REPLACED AND NON-PERSISTANT ANNUAL COVER SROPS SHOULS BE USED.

DUST CONTROL INSTRUCTIONS

- ALL STOCKPILED MATERIAL OR SEDIMENT COLLECTION TO BE SPRAYED BY LIGHTLY WIDE ANGLED WATER
- THIS TEMPORARY MECHANICAL METHOD CONFINES AND SETTLES THE DUST FROM THE AIR BY DUST AND WATER PARTICLE ADHESION. WATER IS SPRAYED THROUGH NOZZELS OVER THE PROBLEM AREA.



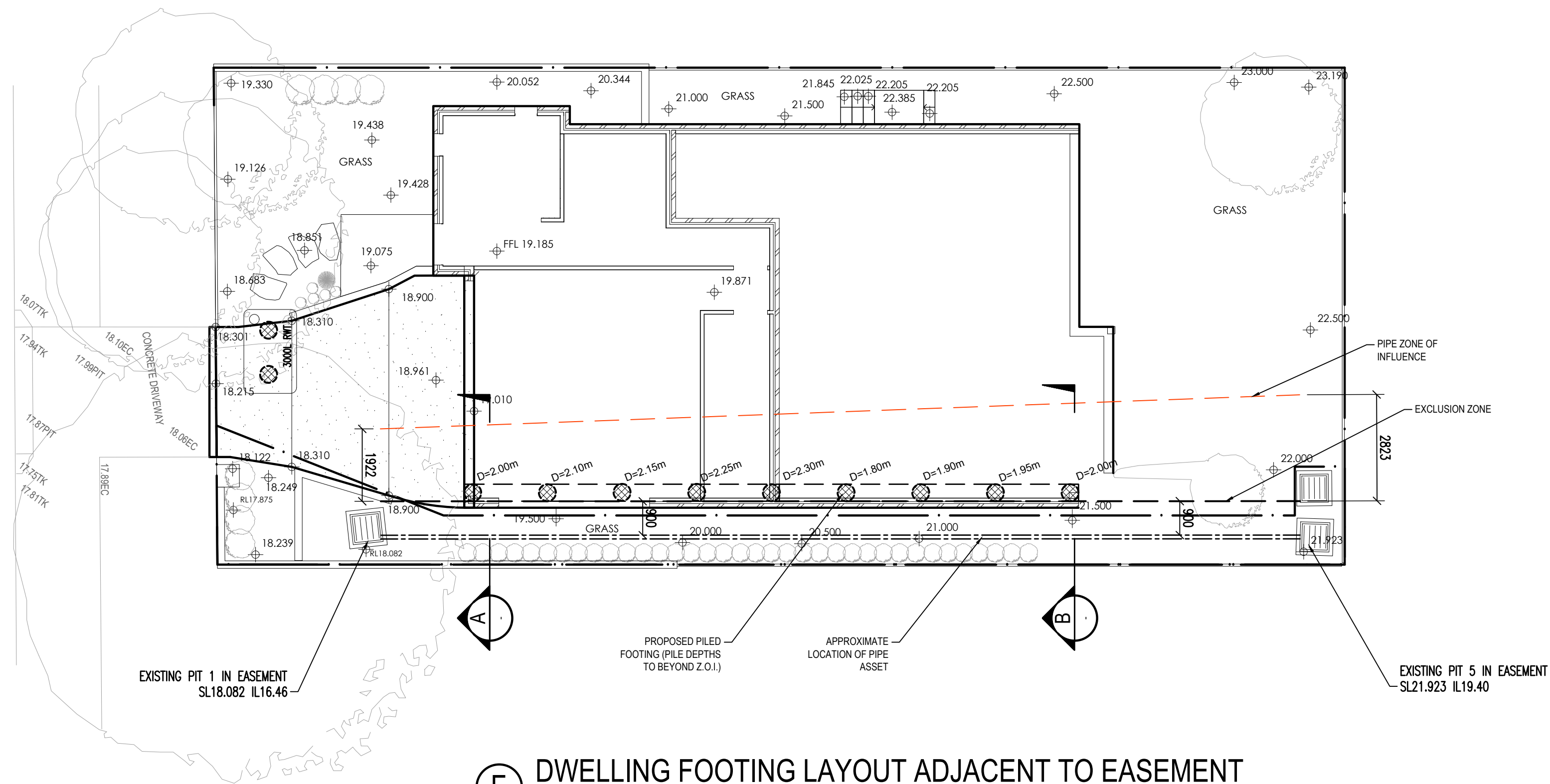
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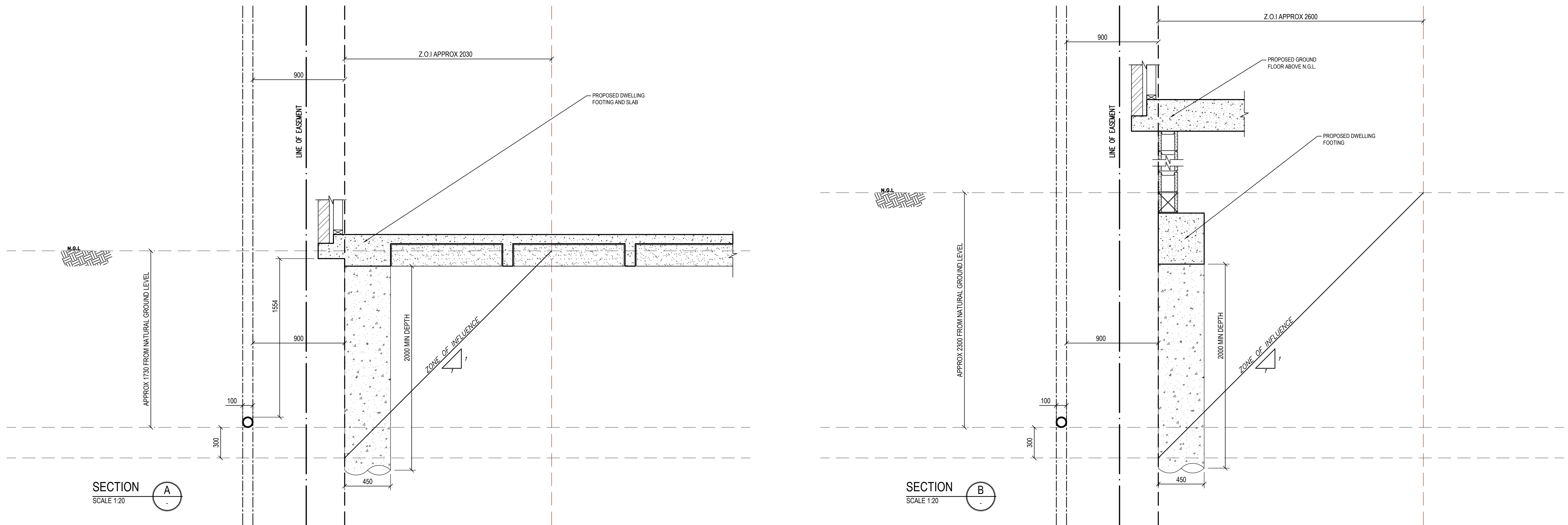
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DRAWING TITLE SOIL MANAGEMENT PLAN			
SCALES A1 - 1:100	DESIGNED A.C.	DRAFTED M.W.	
DRAWING NO. C22065-SW 102	APPROVED A.C.	REVISION H	



LEGEND

- DENOTES MINIMUM DEPTH OF PIER
- DENOTES PIERS IN EFFECTED ZONE OF INFLUENCE (Z.O.I). MINIMUM DEPTH FOR STORMWATER REQUIREMENTS ONLY. REFER TO ENGINEERING PLANS FOR BEARING AND REINFORCEMENT.



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DRAWING TITLE DWELLING FOOTING LAYOUT ADJACENT TO EASEMENT STORMWATER ASSET			
SCALES A1 - 1:100	DESIGNED A.C.	DRAFTED M.W.	
DRAWING NO. C22065-SW 103	APPROVED A.C.	REVISION H	