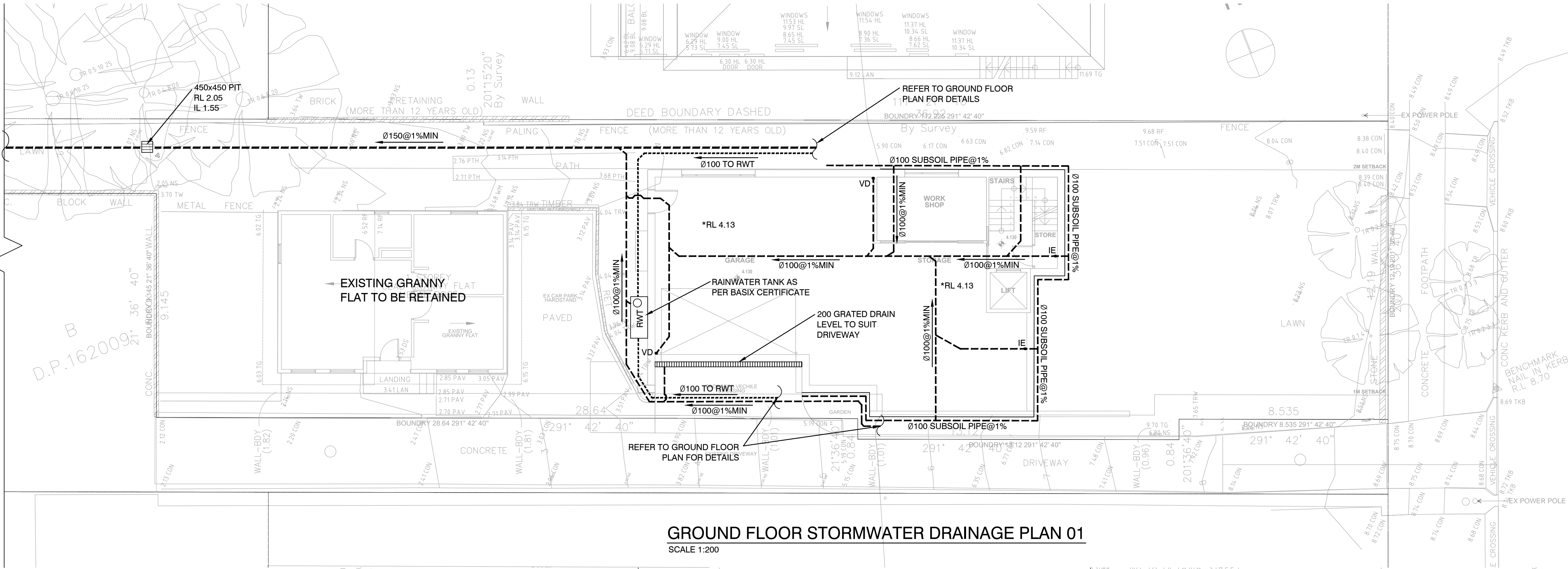


REFER TO BELOW FOR CONTINUATION



GROUND FLOOR STORMWATER DRAINAGE PLAN 01
SCALE 1:200

NOTE RE. SERVICES
APPROXIMATE LOCATIONS OF EXISTING SERVICES SHOWN ON LONGITUDINAL SECTION. EXACT LOCATIONS & DEPTHS TO BE ACCURATELY LOCATED BY THE BUILDING CONTRACTOR BY CONTACTING THE RELEVANT AUTHORITIES BEFORE COMMENCEMENT OF ANY WORKS



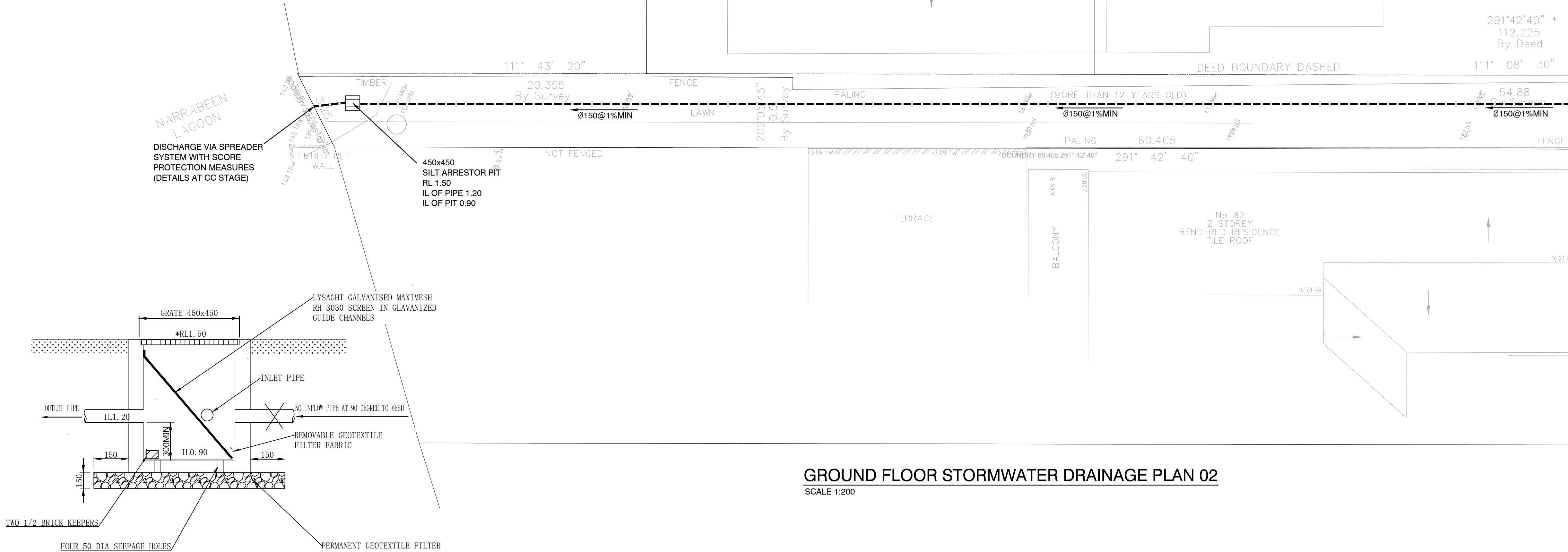
NOTES

- ALL LINES ARE TO BE MIN. 1000 UPVC @ MIN 1.0% GRADE UNLESS NOTED OTHERWISE.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE & LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS. ALL DESIGN LEVELS SHOWN ON PLAN SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.
- ALL PIPES TO HAVE MIN 200mm COVER IF LOCATED WITHIN PROPERTY.
- ALL PITS IN DRIVEWAYS BE HEAVY DUTY GRATES. DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
- ALL WORK DO BE DONE IN ACCORDANCE WITH AS/NZ 3500.3.2:2003 AND COUNCIL SPECIFICATIONS.
- LOCATION OF DOWNPIPES & FLOOR WASTES ARE INDICATIVE ONLY. DOWNPIPE & FLOOR WASTE SIZE, LOCATION & QUANTITY TO BE DETERMINED BY BUILDER & IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, LANDSCAPE AND STRUCTURAL PLANS.
- ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER FOR RESOLUTION.
- ALL PITS OR GRATES IN TRAFFICABLE AREAS TO BE HEAVY DUTY.
- ALL GUTTERS WILL BE FITTED WITH LEAF GUARDS AND SHOULD BE INSPECTED AND CLEANED TO ENSURE LEAF LITTER CANNOT ENTER THE DOWNPIPES

SYMBOLS

F.F.L	FINISHED FLOOR LEVEL
T.K.	TOP OF KERB
RL	PIT SURFACE LEVEL
IL	INVERT LEVEL
—	STORMWATER DRAINAGE PIPE
----	DOWNPIPE TO RAINWATER TANK
• DP	1000 DOWN PIPE (U.N.O.)
• SP	SPREADER
• IE	INSPECTION EYE
	MASONRY RETAINING WALL
⊗ FW	FLOOR WASTE 1500
⊠	GRATED INLET PIT
	GRATED DRAIN
←	OVERLAND FLOW PATH
ES—	EMERGENCY SPILTTER
VD	VERTICAL DROP
• EDP	EXISTING 1000 DOWN PIPE (U.N.O.)
---	EXISTING STORMWATER DRAINAGE PIPE

REFER TO ABOVE FOR CONTINUATION



GROUND FLOOR STORMWATER DRAINAGE PLAN 02
SCALE 1:200



P/ (02) 9623 0015
F/ (02) 4744 2479
E/ info@danmorconsulting.com.au
A/ L2 Suite 208, 43 Majors Bay Rd, Concord 2137

COPYRIGHT
THIS DRAWING AND THE INFORMATION SHOWN HEREON
IS THE PROPERTY OF DANMOR CONSULTING ENGINEERS P/L AND MAY
NOT BE USED FOR ANY OTHER PURPOSE THAN FOR WHICH SUPPLIED.

AMENDMENTS		
NO.	DESCRIPTION	DATE
A	FOR DA APPROVAL	15/01/24
B	FOR DA APPROVAL	25/01/24

DRAWN: D.M.	DESIGNED: D.M.
APPROVED: DANNY MORCHED B.E CIVIL M.E STRUCTURAL CPEng, MIEAust, NPER MEMB. NO: 2320868	DATE: 15-12-23
SCALE AT A1: 1:100 UNO	

PROJECT:

PROPOSED HOUSE
84 Lagoon Street Narrabeen 2101



CLIENT:

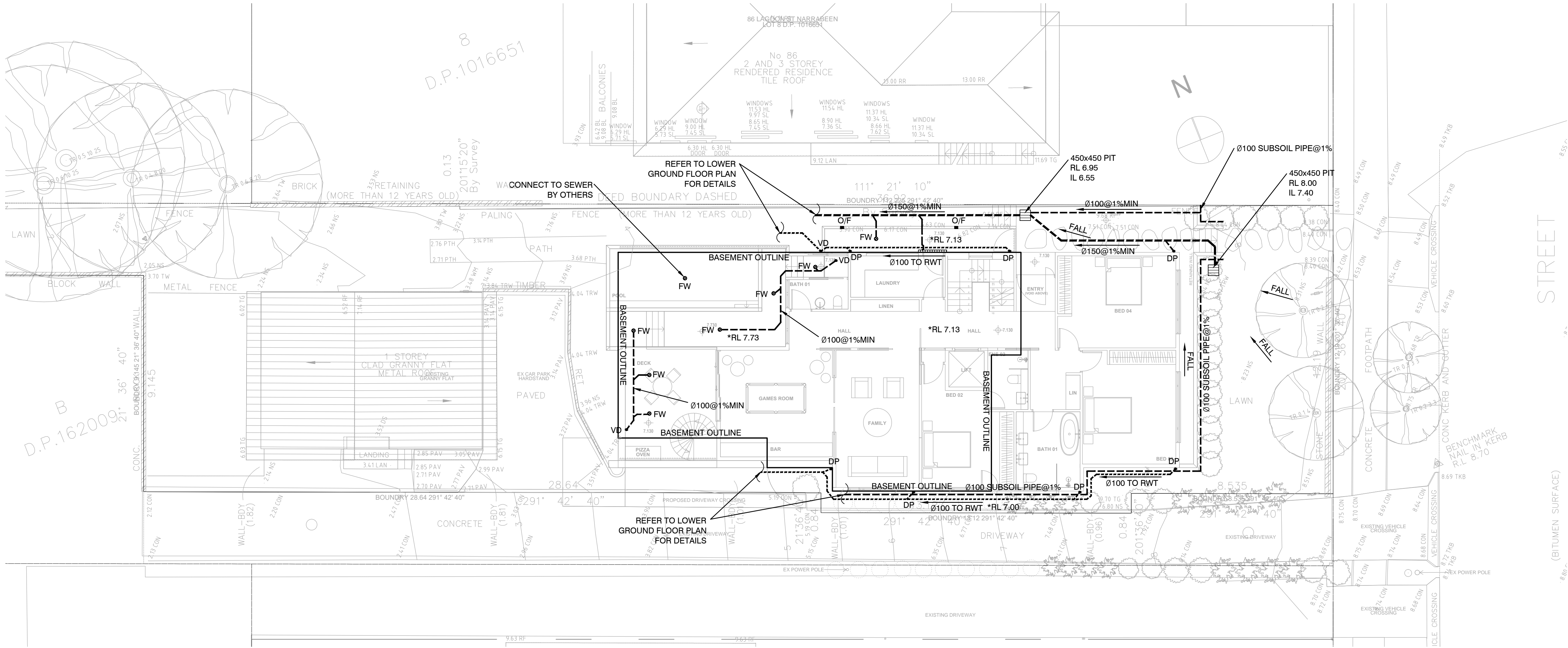
BEAMS BUILDING

TITLE:
LOWER GROUND FLOOR
STORMWATER DRAINAGE PLAN

ALL DIMENSIONS IN 'mm'
UNLESS OTHERWISE STATED

JOB NO.
D24119

DRAWING NO.
ST01



NOTE RE. SERVICES

APPROXIMATE LOCATIONS OF EXISTING SERVICES SHOWN ON LONGITUDINAL SECTION. EXACT LOCATIONS & DEPTHS TO BE ACCURATELY LOCATED BY THE BUILDING CONTRACTOR BY CONTACTING THE RELEVANT AUTHORITIES BEFORE COMMENCEMENT OF ANY WORKS



NOTES

- ALL LINES ARE TO BE MIN. 1000 UPVC @ MIN 1.0% GRADE UNLESS NOTED OTHERWISE.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE & LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS. ALL DESIGN LEVELS SHOWN ON PLAN SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.
- ALL PIPES TO HAVE MIN 200mm COVER IF LOCATED WITHIN PROPERTY.
- ALL PITS IN DRIVEWAYS BE HEAVY DUTY GRATES. DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
- ALL WORK DO BE DONE IN ACCORDANCE WITH AS/NZ 3500.3.2:2003 AND COUNCIL SPECIFICATIONS.
- LOCATION OF DOWNPIPES & FLOOR WASTES ARE INDICATIVE ONLY. DOWNPIPE & FLOOR WASTE SIZE, LOCATION & QUANTITY TO BE DETERMINED BY BUILDER & IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, LANDSCAPE AND STRUCTURAL PLANS.
- ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER FOR RESOLUTION.
- ALL PITS OR GRATES IN TRAFFICABLE AREAS TO BE HEAVY DUTY.
- ALL GUTTERS WILL BE FITTED WITH LEAF GUARDS AND SHOULD BE INSPECTED AND CLEANED TO ENSURE LEAF LITTER CANNOT ENTER THE DOWNPIPES

SYMBOLS

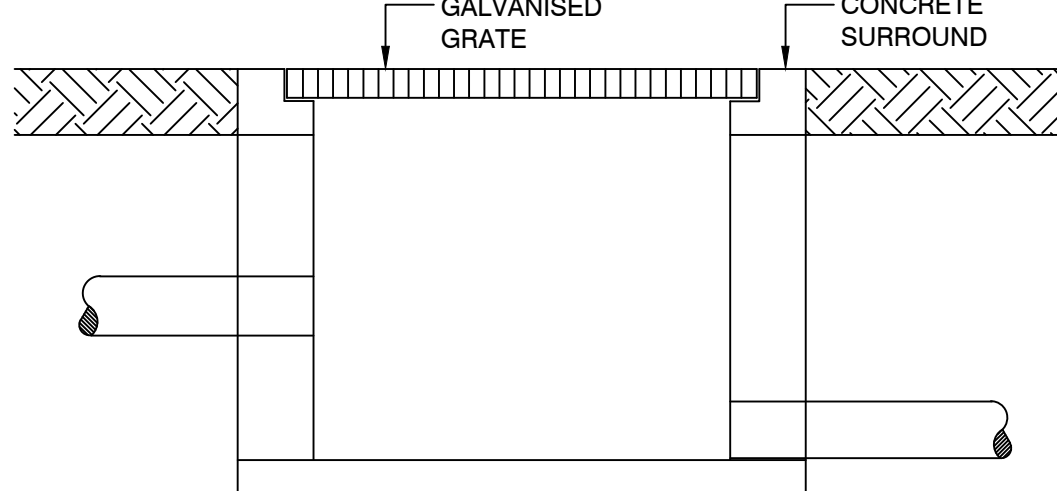
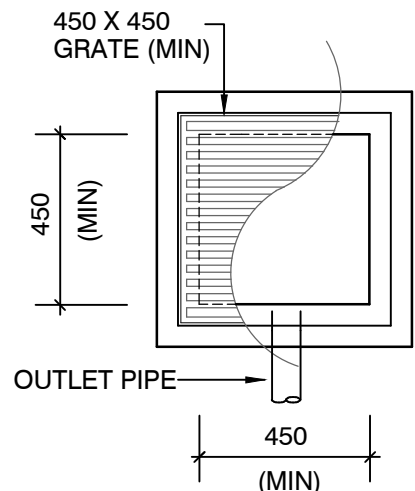
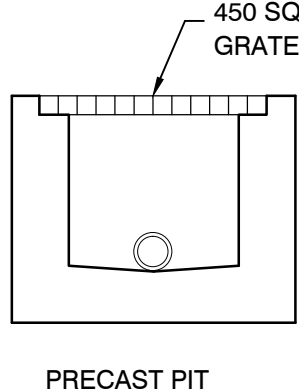
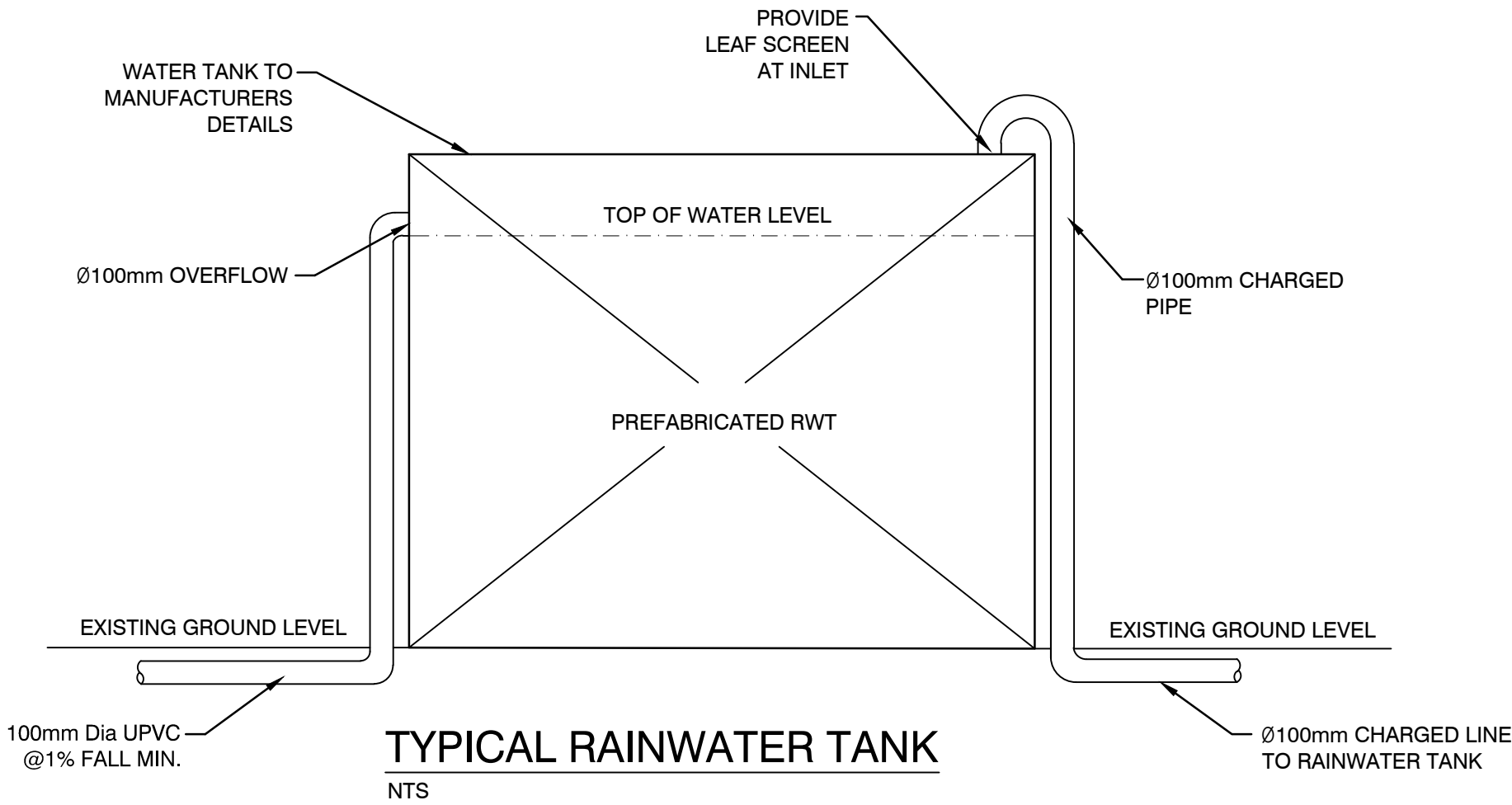
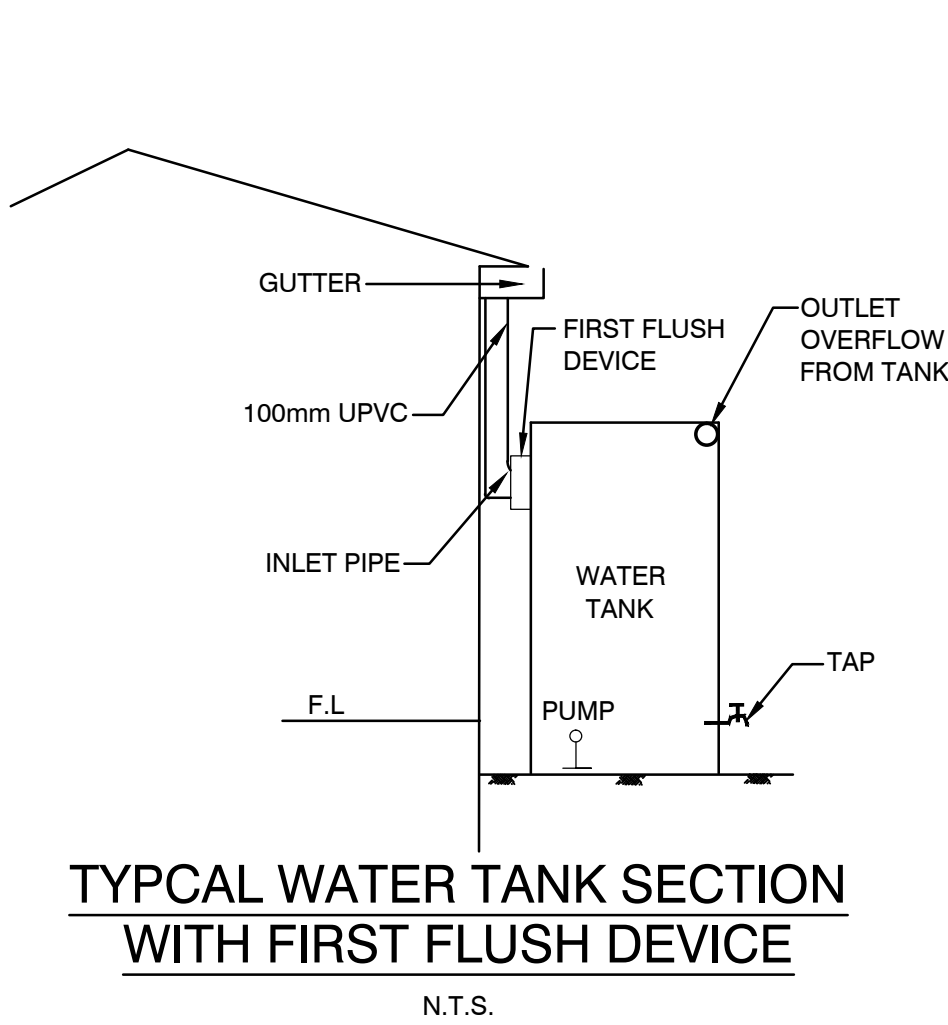
F.F.L.	FINISHED FLOOR LEVEL
T.K.	TOP OF KERB
RL	PIT SURFACE LEVEL
IL	INVERT LEVEL
—	STORMWATER DRAINAGE PIPE
----	DOWNPIPE TO RAINWATER TANK
• DP	1000 DOWN PIPE (U.N.O.)
• SP	SPREADER
• IE	INSPECTION EYE
///	MASONRY RETAINING WALL
⊗ FW	FLOOR WASTE 1500
■	GRATED INLET PIT
▨	GRATED DRAIN
←	OVERLAND FLOW PATH
ES—	EMERGENCY SPILTTER
VD	VERTICAL DROP
• EDP	EXISTING 1000 DOWN PIPE (U.N.O.)
---	EXISTING STORMWATER DRAINAGE PIPE

NOTES: RAINWATER TANKS

- RAINWATER TANK CAPACITY TO BE AS PER BASIX REQUIREMENT.
- THE SYSTEM TO BE DESIGNED WITH THE FOLLOWING GUIDELINES
 - A FIRST FLUSH DIVERSION TO REMOVE ROOF CONTAMINANTS
 - ADEQUATE SCREENING TO PREVENT MOSQUITO BREEDING AND ENTRY OF ANIMALS OR FOREIGN MATTER
- TANKS TO BE PLUMBED TO TOP-UP FROM THE POTABLE WATER SUPPLY DURING DRY PERIODS WHEN THE TANKS ARE 80% EMPTY.
- NO DIRECT CROSS-CONNECTION WITH THE SYDNEY WATER POTABLE SUPPLY AND AN AIR GAP MAINTAINED ABOVE THE OVERFLOW IN THE TANK.
- A SIGN TO BE INSTALLED STATING 'NOT FOR HUMAN CONSUMPTION.
- RAINWATER TANK TO BE CONNECTED AS PER BASIX REQUIREMENTS
- OVERFLOW FROM THE TANK SHALL BE PIPED TO THE DRAINAGE SYSTEM.

GROUND FLOOR STORMWATER DRAINAGE PLAN

SCALE 1:200



P/ (02) 9623 0015
F/ (02) 4744 2479
E/ info@danmorconsulting.com.au
A/ L2 Suite 208, 43 Majors Bay Rd, Concord 2137

COPYRIGHT
THIS DRAWING AND THE INFORMATION SHOWN HEREON
IS THE PROPERTY OF DANMOR CONSULTING ENGINEERS P/L AND MAY
NOT BE USED FOR ANY OTHER PURPOSE THAN FOR WHICH SUPPLIED.

AMENDMENTS		
NO.	DESCRIPTION	DATE
A	FOR DA APPROVAL	15/01/24
B	FOR DA APPROVAL	25/01/24

DRAWN: D.M.	DESIGNED: D.M.
APPROVED: DANNY MORCHED B.E CIVIL M.E STRUCTURAL CPEng, MIEAust, NPER MEMB. NO: 2320868	DATE: 15-12-23
SCALE AT A1: 1:100 UNO	

PROJECT:

PROPOSED HOUSE
84 Lagoon Street Narrabeen 2101



CLIENT:

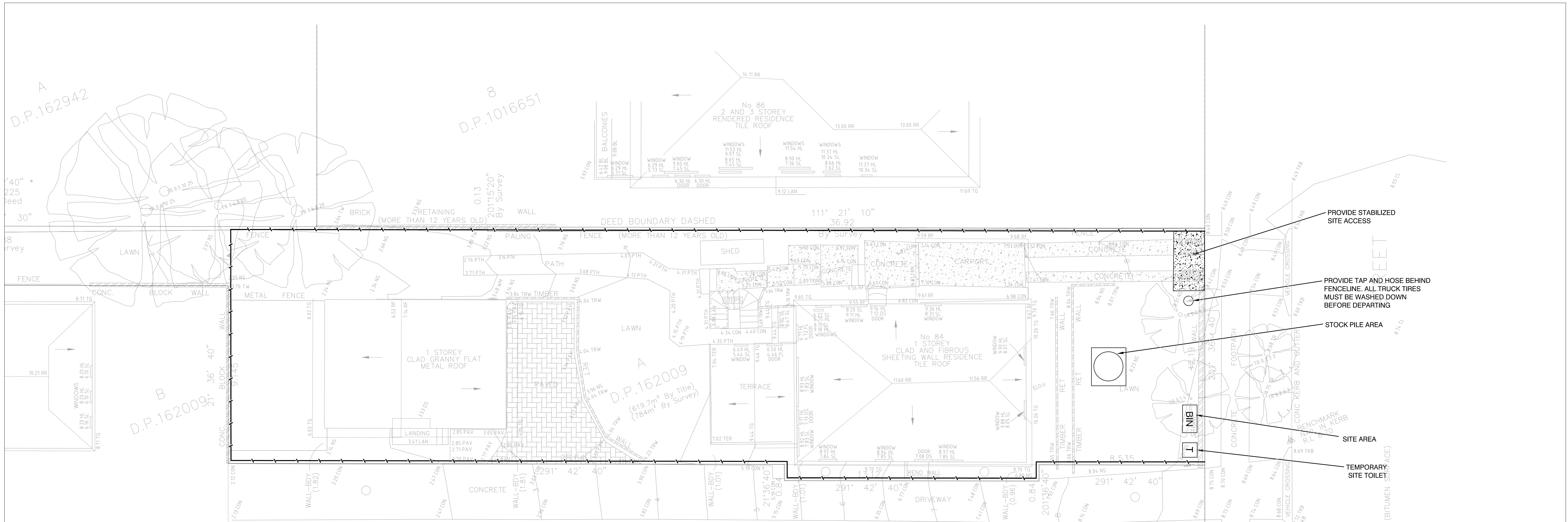
BEAMS BUILDING

TITLE:
GROUND FLOOR
STORMWATER DRAINAGE PLAN

ALL DIMENSIONS IN 'mm'
UNLESS OTHERWISE STATED

JOB NO.
D24119

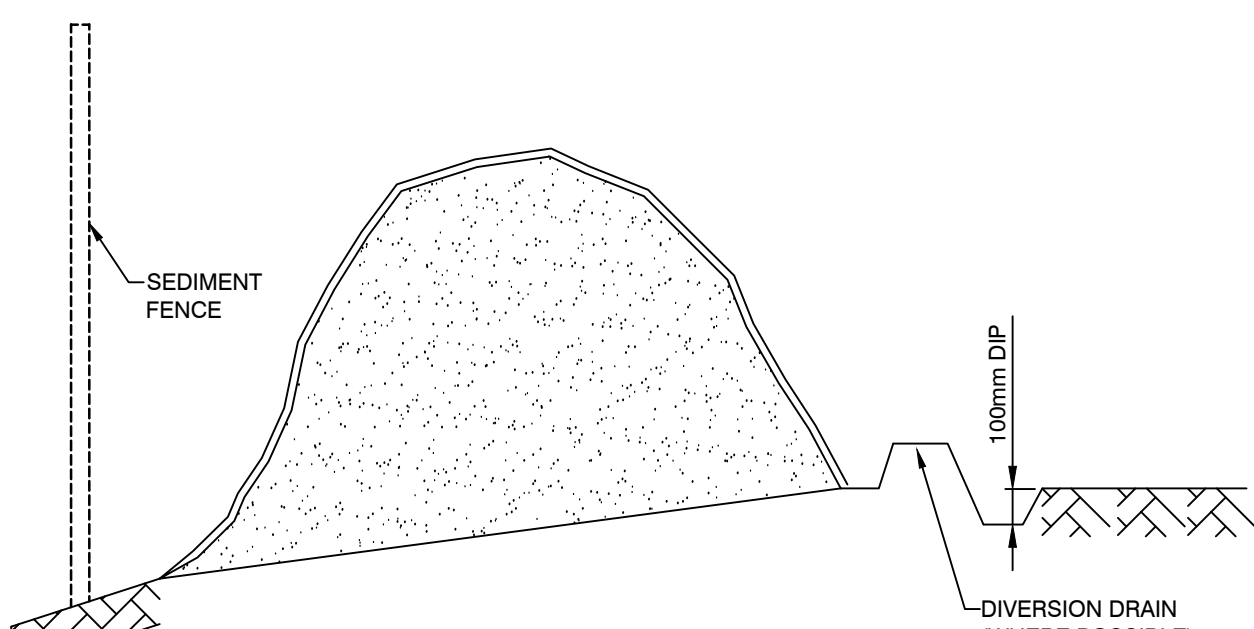
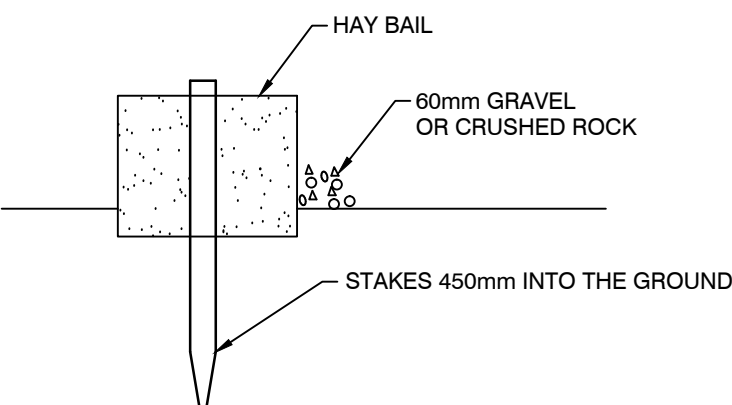
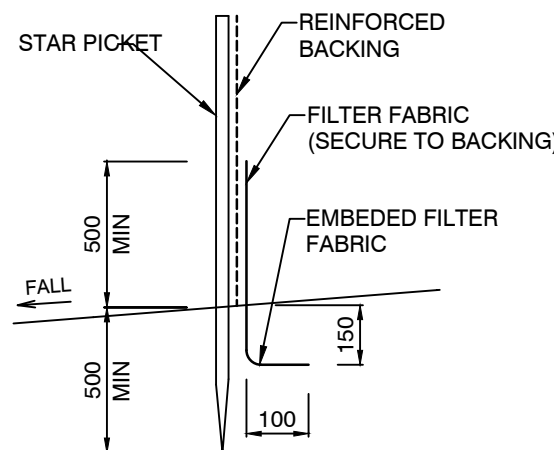
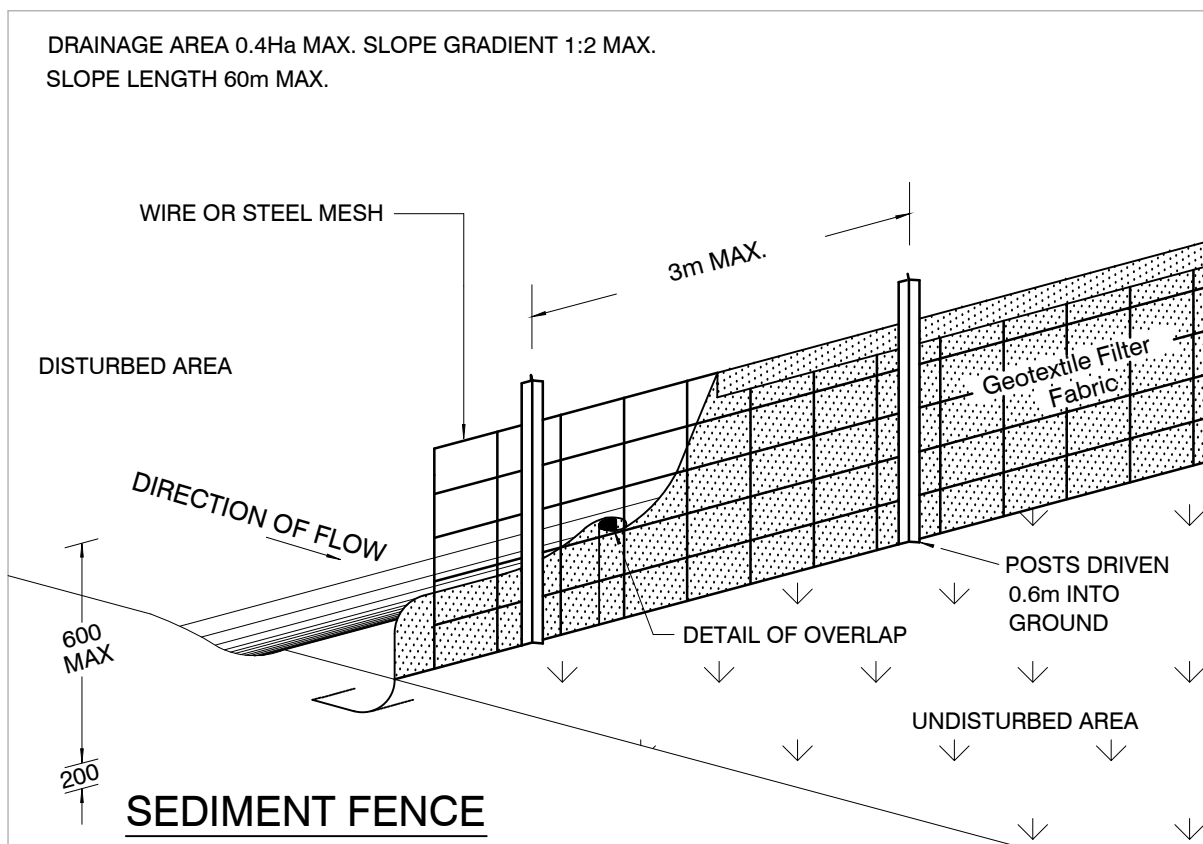
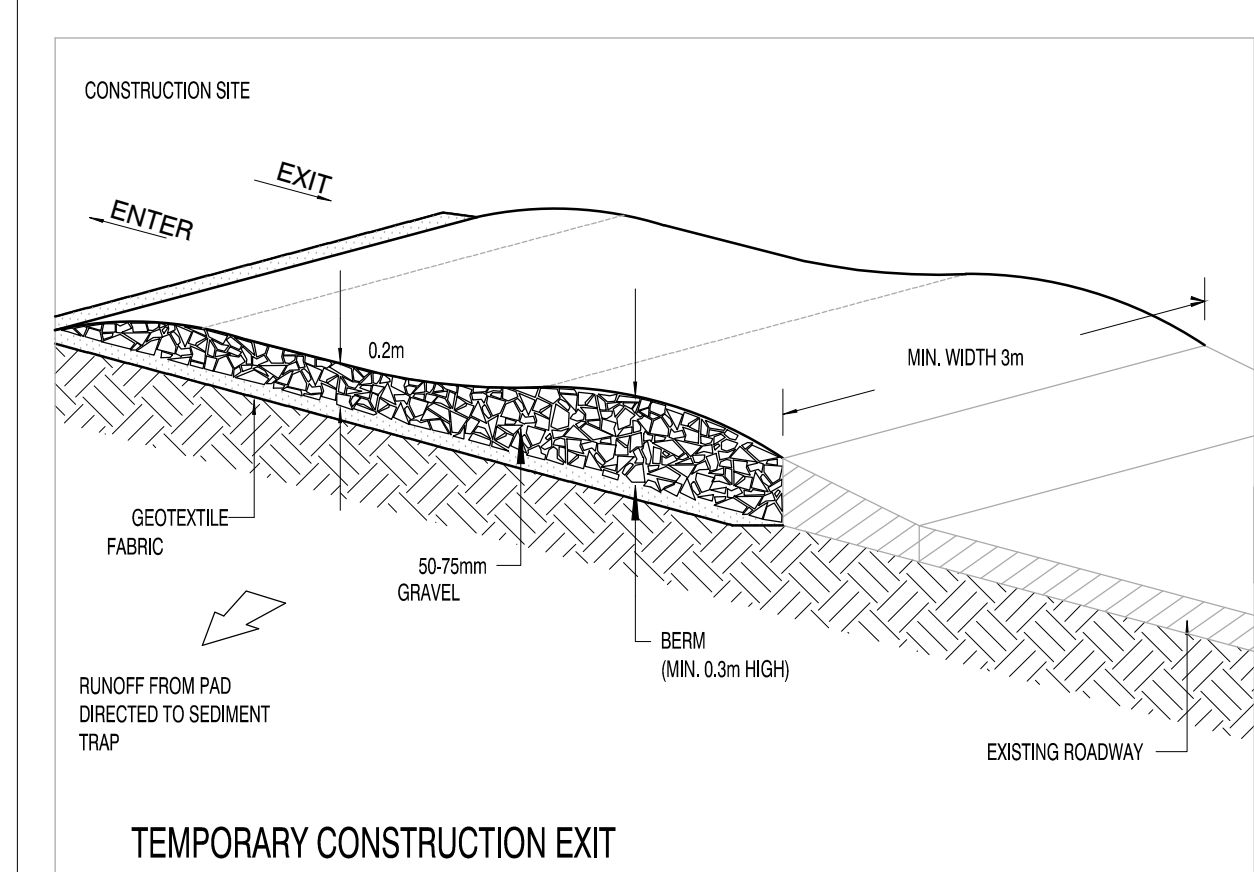
DRAWING NO.
ST02



- PROVIDE STABILIZED SITE ACCESS
- PROVIDE TAP AND HOSE BEHIND FENCELINE. ALL TRUCK TIRES MUST BE WASHED DOWN BEFORE DEPARTING
- STOCK PILE AREA
- SITE AREA
- TEMPORARY SITE TOILET

EROSION AND SEDIMENT CONTROL PLAN AND DETAILS



SCALE 1:100



- #### EROSION CONTROL NOTES
- ALL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANAGING URBAN STORMWATER, 3rd EDITION PRODUCED BY THE NSW DEPARTMENT OF HOUSING.
 - ALL EROSION AND SILTATION CONTROL DEVICES ARE TO BE PLACED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS AND ALL SILT TRAPS ARE TO HAVE DEPOSITED SILT REMOVED REGULARLY DURING CONSTRUCTION
 - ALL TREES ARE TO BE PRESERVED UNLESS INDICATED OTHERWISE ON THE ARCHITECT'S OR LANDSCAPE ARCHITECT'S DRAWINGS. EXISTING GRASS COVER SHALL BE MAINTAINED EXCEPT IN AREAS CLEARED FOR BUILDINGS, PAVEMENTS ETC.
 - INSTALL TEMPORARY SEDIMENT BARRIERS TO ALL INLET PITS LIKELY TO COLLECT SILT LADEN WATER
 - NOT WITHSTANDING DETAILS SHOWN IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO ENSURE THAT ALL SITE ACTIVITIES COMPLY WITH THE REQUIREMENTS OF THE CLEAN WATERS ACT.

- #### SYMBOLS
- EXISTING CONTOURS
 - SILT FENCE
 - WIRE MESH FENCE
 - Ø50 PUMP LINE

- #### NOTES: SOIL & WATER MANAGEMENT
- ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY BY SITE MANAGER.
 - MINIMISE DISTURBED AREAS.
 - ALL STOCKPILES TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS.
 - DRAINAGE IS TO BE CONNECTED TO STORMWATER SYSTEM AS SOON AS POSSIBLE.
 - ROADS AND FOOTPATH TO BE SWEEP DAILY.
 - NO MATERIAL TO BE STORED ON FOOTPATH.
 - IF YOU DO NOT COMPLY YOU MAY BE LIABLE TO A \$1500 FINE.

<div><div><p>P/ (02) 9623 0015 F/ (02) 4744 2479 E/ info@danmorconsulting.com.au A/ L2 Suite 208, 43 Majors Bay Rd, Concord 2137</p><p>COPYRIGHT THIS DRAWING AND THE INFORMATION SHOWN HEREON IS THE PROPERTY OF DANMOR CONSULTING ENGINEERS P/L AND MAY NOT BE USED FOR ANY OTHER PURPOSE THAN FOR WHICH SUPPLIED.</p></div></div>	AMENDMENTS			DRAWN: D.M.	DESIGNED: D.M.	PROJECT: PROPOSED HOUSE 84 Lagoon Street Narrabeen 2101 	CLIENT: BEAMS BUILDING	ALL DIMENSIONS IN 'mm' UNLESS OTHERWISE STATED
	NO.	DESCRIPTION	DATE	APPROVED:	DATE: 15-12-23		JOB NO.	
	A	FOR DA APPROVAL	15/01/24	DANNY MORCHED			D24119	
	B	FOR DA APPROVAL	25/01/24	B.E CIVIL M.E STRUCTURAL CPEng,MIEAust,NPER MEMB. NO: 2320868				
			SCALE AT A1: 1:100 UNO				TITLE: EROSION AND SEDIMENT CONTROL PLAN AND DETAILS	DRAWING NO. ST03

COPYRIGHT
THIS DRAWING AND THE INFORMATION SHOWN HEREON
IS THE PROPERTY OF DANMOR CONSULTING ENGINEERS P/L AND MAY
NOT BE USED FOR ANY OTHER PURPOSE THAN FOR WHICH SUPPLIED.