



LEGEND

RL REDUCED LEVEL

COVER LEVEL INVERT LEVEL GSIP GRATED SURFACE INLET PIT OSD ON-SITE DETENTION TWL TOP WATER LEVEL BOTTOM WATER LEVEL TW TOP OF WALL INSPECTION OPENING AVERAGE RECURRENCE INTERVAL FLOOR WASTE AUSTRALIAN HEIGHT DATUM PERMISSIBLE SITE DISCHARGE HIGH EARLY DISCHARGE RECTANGULAR HOLLOW SECTION STAINLESS STEEL FIBER REINFORCED CONCRETE REINFORCED CONCRETE PIPE RUBBER RING JOINT U/S UNDERSIDE OF SLAB O/S OVER THE SLAB 0/F OVERFLOW DP DOWN PIPE
DROPPER
RWO RAIN WATER OUTLET

RWH RAIN WATER HEAD FFL FINISHED FLOOR LEVEL

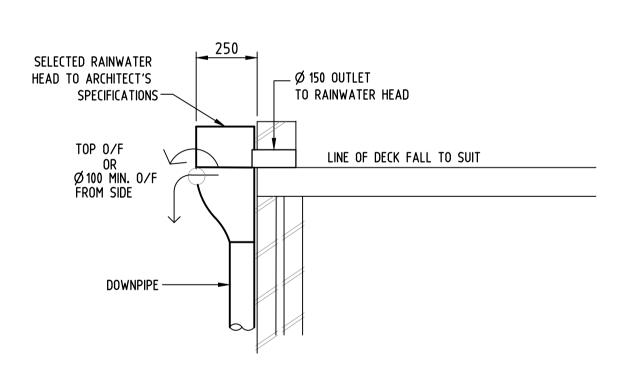
✓Ø 40 HOLES @ 200 CENTRE

EX. EXISTING

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SPREADER TO BE INSTALLED LEVEL WITH A CAP ON END

TYPICAL DROPPER / SPREADER DETAIL N.T.S



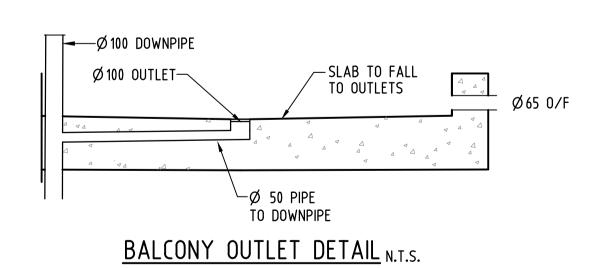
TYPICAL RAIN WATER HEAD DETAIL

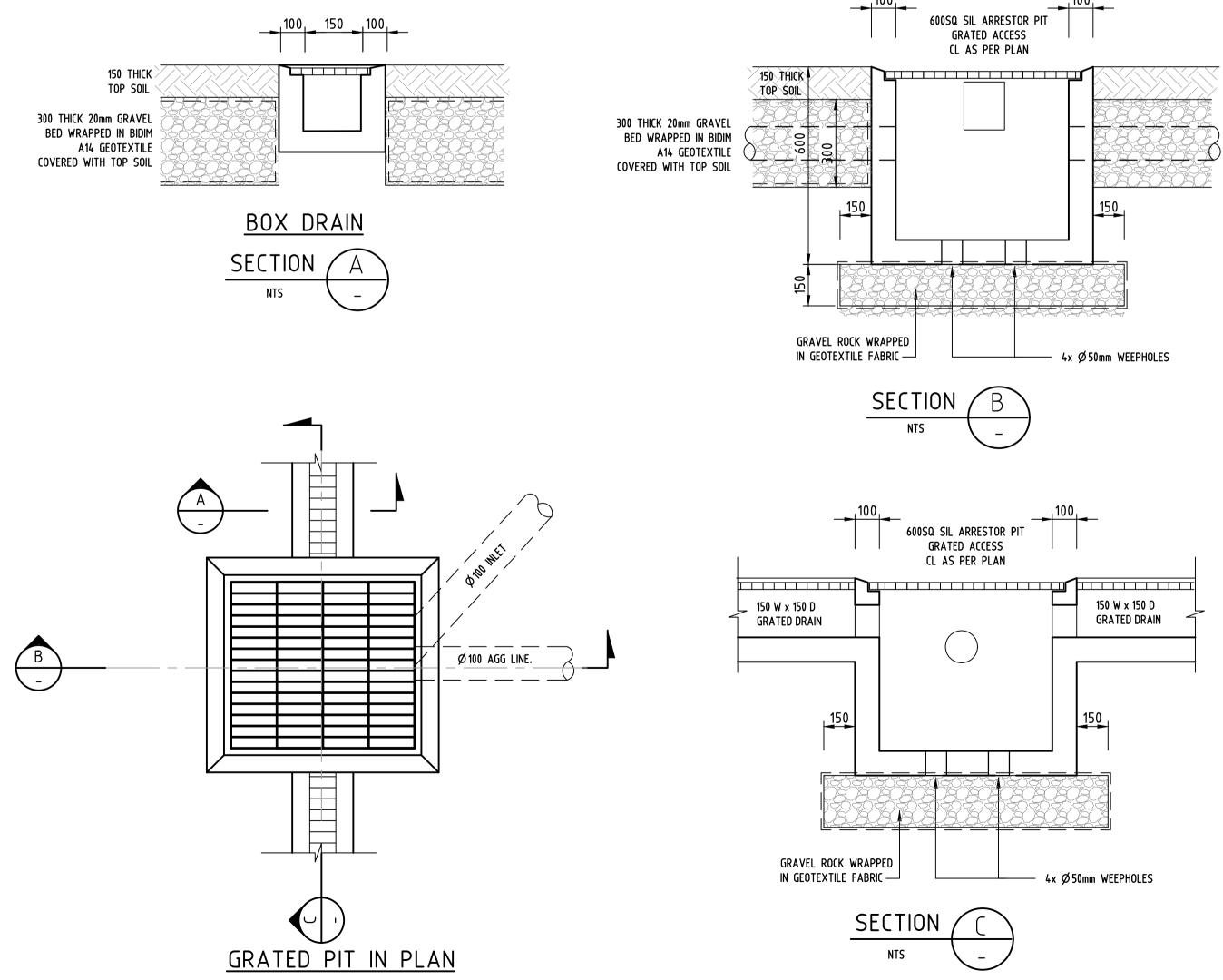
NOT FOR CONSTRUCTION

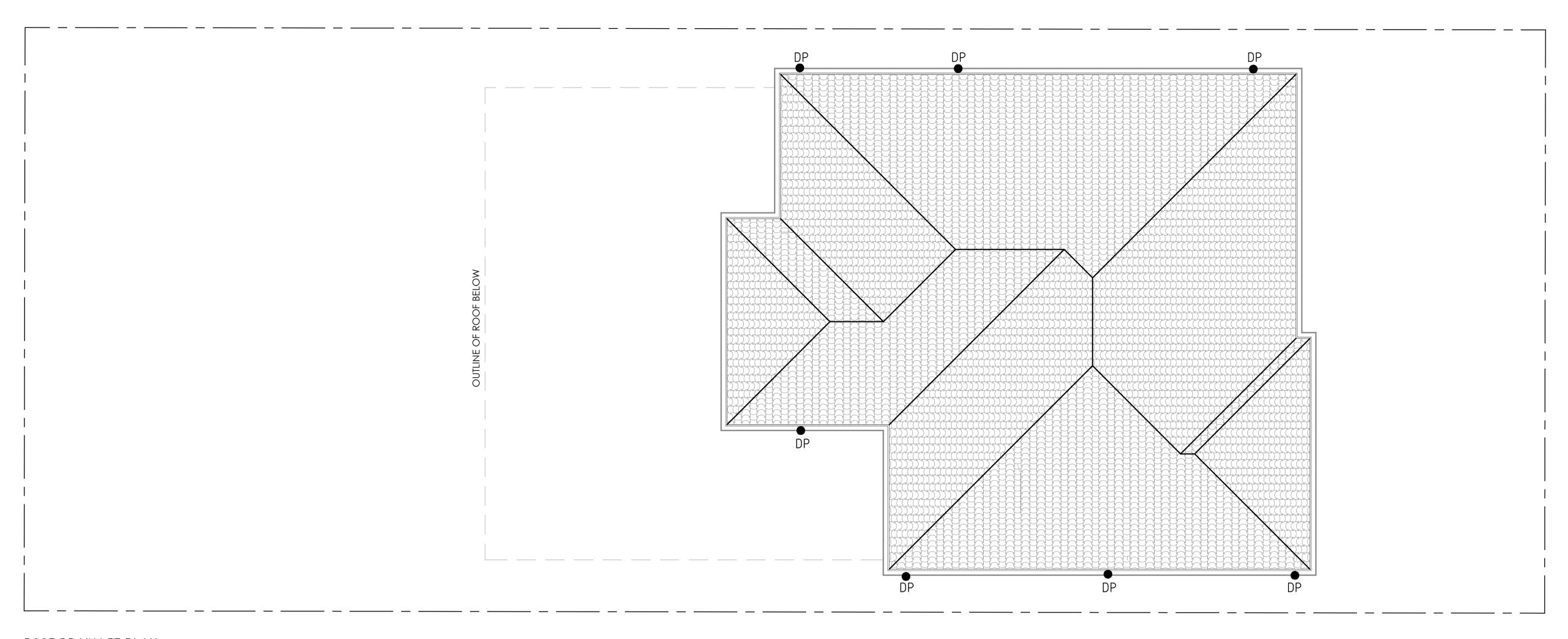
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A	09.08.2023	09.08.2023 ISSUED TO THE ARCHITECT				
REV.	DATE	AMENDMENT DESCRIPTION				DRAWN
			CIVIL & STRUCTURAL E		ACN 054 595 005 08 Ph (02) 83 87 68 26	
PROPOSED	DEVELOPMENT	AT:				
98 CHAS	SELING STR	EET, GREE	NACRE.			
STORMV	VATER DRAI	NAGE / S	EDIMENT CONTRO	L DETAIL	S	
DRAWN	CHECKED		SCALE	DATUM	DRAWING No.	REV.
JDR	D.M.ROMANOUS ,E	I.E., M.I.E.AUST.	AS SHOWN @A1	A.H.D	2400 - S3/4	Α

FIRST FLOOR DRAINAGE PLAN SCALE - 1:100

- ALL GUTTERS TO BE MINI-LINE MINIMUM SIZE TO ARCHITECTURAL SPECIFICATION OR AS NOTED ON PLAN.
- ALL GUTTERS TO BE PROVIDED WITH LEAF GUARD.
- ALL BALCONIES ARE TO HAVE A 65mm DIAMETER OVERFLOW PIPE OR AND 80mm SQUARE OPENING ACTING AS AN OVERFLOW.
- ALL DOWNPIPES TO BE 100mm DIAMETER OR 100 x 75mm MIN. TO ARCHITECTURAL
- SPECIFICATIONS OR AS NOTED ON PLAN.
 - DENOTES PROPOSED LEVEL
 - DENOTES EXISTING LEVEL
 - DENOTES DOWNPIPE
 - PROPOSED CHARGED LINE ---- PROPOSED STORMWATER PIPE







ROOF DRAINAGE PLAN SCALE - 1:100

ALL GUTTERS TO BE MINI-LINE MINIMUM SIZE TO ARCHITECTURAL SPECIFICATION OR AS NOTED ON PLAN.

BRICK KEEPERS

REPLACEABLE

- 4x Ø 100mm WEEPHOLES

GEOTEXTILE FABRIC

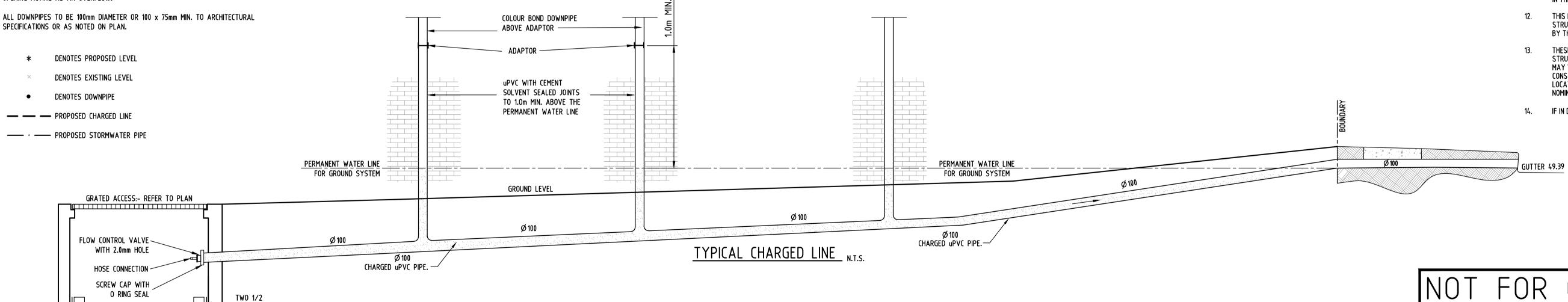
ALL GUTTERS TO BE PROVIDED WITH LEAF GUARD.

150mm FINE CRUSHED

450SQ SERVICE PIT DETAIL

ROCK WRAPPED IN GEOTEXTILE FABRIC

ALL BALCONIES ARE TO HAVE A 65mm DIAMETER OVERFLOW PIPE OR AND 80mm SQUARE OPENING ACTING AS AN OVERFLOW.



NOTES - CHARGED LINE

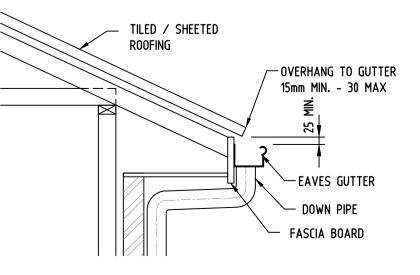
THE FOLLOWING MAINTENANCE WORK MUST BE UNDERTAKEN TO ENSURE THE DRAINAGE SYSTEM FUNCTIONS SATISFACTORY.

- INSPECTION/FLUSH LINE/CLEANING WITH WATER EVERY
- 6 MONTHS AND AFTER HEAVY RAINFALL. - INSPECTION/CLEANING GUTTERS AT LEAST ONCE A YEAR

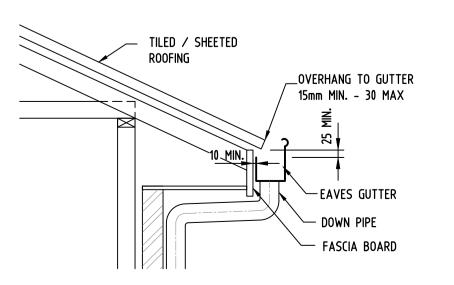
AND AFTER HEAVY RAINFALL OR STRONG WIND. THE ABOVE IS FOR GUIDANCE ONLY. AN ASSESSMENT OF MAINTENANCE REQUIREMENTS SHOULD BE UNDERTAKEN WHEN IN SERVICE.

ALL DOWN PIPES MUST BE uPVC WITH CEMENT SOLVENT SEALED JOINTS TO 1000mm ABOVE THE PERMANENT WATER LINE, OR ALL THE WAY UP TO THE UNDERSIDE OF THE EAVES. A SQUARE/CIRCULAR SECTION MAY THEN OCCUR. (REFER DETAILS)

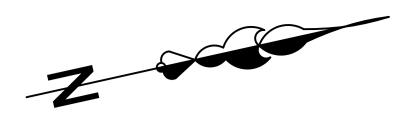
PROVIDE AN INSPECTION OPENING (IO.) AND 2mm SLOW RELEASE HOLE AT THE END OF THE CHARGED LINE. (REFER DETAILS)







TYPICAL EAVE GUTTER DETAIL WITH HIGH FRONT & 10mm GAP TO FACIA N.T.S.

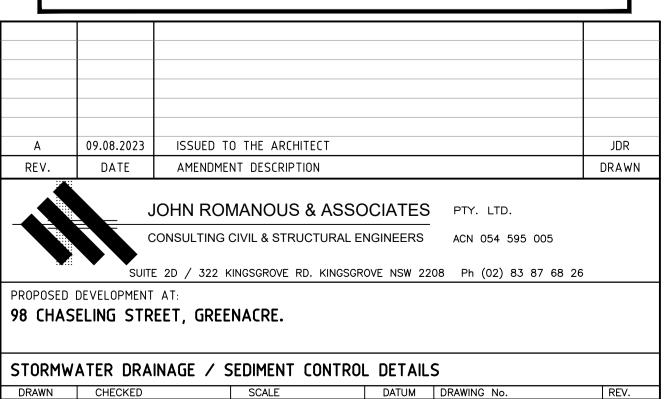


- RL REDUCED LEVEL
- COVER LEVEL
- INVERT LEVEL GSIP GRATED SURFACE INLET PIT
- ON-SITE DETENTION TOP WATER LEVEL
- BOTTOM WATER LEVEL
- TOP OF WALL
- INSPECTION OPENING AVERAGE RECURRENCE INTERVAL
- FLOOR WASTE
- AUSTRALIAN HEIGHT DATUM PERMISSIBLE SITE DISCHARGE
- HIGH EARLY DISCHARGE
- RECTANGULAR HOLLOW SECTION
- STAINLESS STEEL
- FIBER REINFORCED CONCRETE REINFORCED CONCRETE PIPE
- RUBBER RING JOINT
- UNDERSIDE OF SLAB
- O/S OVER THE SLAB
- O/F OVERFLOW DP • DOWN PIPE
- → O DROPPER RWO RAIN WATER OUTLET
- RWH RAIN WATER HEAD
- FFL FINISHED FLOOR LEVEL EX. EXISTING

GENERAL NOTES:

- ALL SERVICES ARE TO BE LOCATED IN THE FIELD IN CONJUNCTION WITH A RESPONSIBLE OFFICER OF EACH RELEVANT AUTHORITY PRIOR TO COMMENCEMENT OF
- DRAINAGE PITS ARE TO BE A 450mm SQUARE OR LARGER AS SHOWN, AND FITTED WITH A GALVANIZED GRATE.
- ALL PITS ARE TO HAVE A GALVANISED GRATE AND FRAME. FRAME TO BE CAST INTEGRALLY WITH THE PIT.
- ALL PITS ARE TO BE BENCHED TO HALF PIPE LEVEL.
- PROVIDE STEP IRONS WHERE PIT IS DEEPER THAN 1m. AT 450mm CENTERS.
- DRAINAGE PIPES SHALL BE SEWER GRADE UPVC UNLESS OTHERWISE NOTED.
- DRAINAGE PIPE SIZES ARE 100mm DIAMETER UNLESS OTHERWISE NOTED.
- ALL BARE SOIL AREAS ARE TO BE PROTECTED FROM EROSION BY TEMPORARY MEASURES AND REVEGETATED AT THE CESSATION OF CONSTRUCTION.
- THE DOWNHILL BOUNDARY OF THE SITE IS TO BE PROTECTED BY HAY BALES OR A FILTER FABRIC FENCE DURING CONSTRUCTION AS SHOWN IN THE ATTACHED DETAILS.
- THE STREET DRAINAGE PIT LOCATED DOWNHILL OF THE SITE SHALL BE PROTECTED
- A SINGLE CONSTRUCTION ENTRANCE SHALL BE ESTABLISHED IN THE MANNER SHOWN IN THE ATTACHED DETAILS.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND STRUCTURAL ENGINEERING DOCUMENTS. ANY DISCREPANCIES SHALL BE REPORTED BY THE BUILDER TO THE ARCHITECT PRIOR TO COMMENCEMENT OF THE ITEM.
- THESE PLANS ARE DIAGRAMMATIC AND SHOW THE GENERAL LOCATION OF STRUCTURES AND PIPES. WORK SHALL BE SET OUT ON SITE BY THE SITE FOREMAN & MAY VARY FROM THE PLANS TO THE EXTENT REQUIRED. TO ENSURE COMPATIBLE CONSTRUCTION OF OTHER SERVICES AND STRUCTURAL REQUIREMENTS. VARIATION IN LOCATION OF MORE THAN 1.0M & ANY CHANGES IN SIZE OF ANY COMPONENT NOMINATED HEREON SHALL BE REFERRED TO THE DESIGNER FOR COMMENT.
- 14. IF IN DOUBT, ASK THE SUPERINTENDENT WHO SHALL CONSULT THE DESIGNER.

FOR CONSTRUCTION



AS SHOWN @A1

2400 - S4/4

D.M.ROMANOUS ,B.E., M.I.E.AUST.