13 MERTON STREET
ZETLAND NSW
DA ISSUE

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STORMWATER SERVICES LEGEND

PIPEWORK SYMBOLOGY & ABBREVIATIONS

	AMENDMENT
AGM	AUTHORITY GAS MAIN
ASM	AUTHORITY SEWER MAIN
ASWM	AUTHORITY STORMWATER MAIN
AWM	AUTHORITY WATER MAIN
	CASTIN
	DISCONNECTED SERVICE
ELEC	ELECTRICAL SERVICE
GRW	GREY WATER
	INSET BORDER
IR / IR	IRRIGATION LINE
eIR / eIR	IRRIGATION LINE - EXISTING
NCW	NON-POTABLE COLD WATER
eNCW	NON-POTABLE COLD WATER - EXISTING
NHW	NON-POTABLE HOT WATER
eNHW	NON-POTABLE HOT WATER - EXISTING
NHW-R	NON-POTABLE HOT WATER RETURN
RR / RR	RAINWATER RE-USE
eRR	RAINWATER RE-USE - EXISTING
RW	RECLAIMED WATER
eRW	RECLAIMED WATER - EXISTING
	STORMWATER CATCHMENT
SWD	STORMWATER DRAINAGE
eSWD	STORMWATER DRAINAGE - EXISTING
SWRM	STORMWATER RISING MAIN
eSWRM	STORMWATER RISING MAIN - EXISTING
SSD	SUBSOIL DRAINAGE
eSSD	SUBSOIL DRAINAGE - EXISTING
SOF	SYPHONIC OVERFLOW
eSOF	SYPHONIC OVERFLOW - EXISTING
SSW	SYPHONIC STORMWATER
eSSW	SYPHONIC STORMWATER - EXISTING

DRAWING SCHEDULE

DRAWING NUMBER	DRAWING SCALE	DRAWING TITLE
SW-000	NTS	COVER SHEET AND LEGEND - STORMWATER SERVICES
SW-100	1:100	GROUND FLOOR PLAN - STORMWATER SERVICES
SW-101	1:100	LEVEL 1 FLOOR PLAN - STORMWATER SERVICES
SW-102	1:100	ROOF PLAN - STORMWATER SERVICES
SW-200	1:100	SEDIMENT AND EROSION CONTROL PLAN - STORMWATER SERVICES

SYMBOLS

RISER
DROP / RISE
DROPPER
TEE DROPPER
PIPEWORK CAP
PIPEWORK CONTINUATION
UNDOCUMENTED CONTINUED LINE
PIPEWORK SECTION
DIRECTION ARROW
NEW CONNECTION
NEXT DRAWING (X-XXX)
DIRECTION OF FLOW
SERVICE DESCRIPTION
SERVICE SIZE
DIRECTION OF FLOW
STOP VALVE
CHECK VALVE
3 - WAY VALVE
BALL VALVE
REDUCED PRESSURE ZONE DEVICE
PRESSURE RELIEF VALVE
PRESSURE LIMITING VALVE
DOUBLE CHECK VALVE
INFRA RED SENSOR
WATER FILTER
REFLUX VALVE
REFLUX VALVE IN PIT
PATHBOX
EXPANTION JOINT
PRESSURE GAUGE
FLOW SWITCH
PRESSURE SWITCH
WATER POINT
HOSE TAP
PUMP
CONTROL PANEL
CLEAROUT TO SURFACE
SYPHONIC OUTLET
RAINWATER OUTLET
SPREADER
OVERLAND FLOW ARROW
STORMWATER FLOW ARROW
PENETRATION / CORE HOLE IN SLAB
BEAM PENETRATION
REDUCER
STORMWATER GRATE
STORMWATER COVER
TRENCH GRATE
REVISION
KERB ENTRY PIT
HAY BALE
RAINWATER HEAD

ABBREVIATIONS

AS	Australian Standards
BCA	Building Code Of Australia
BDO	Balcony Drain Outlet
BR	Brass
BV	Ball Valve
BWL	Bottom Water Level
CHV	Check Valve
CI	Cast Iron
CIC	Cast In Column
CICL	Cast Iron Cement Lined
CIS	Cast In Slab
CL	Ceiling Level
COS	Clear Out To Surface
CP	Chrome Plated
CU	Copper
CV	Control Valve
DCV	Double Check Valve
DCV-A	Double Check Valve Assembly
DIA	Diameter
DICL	Ductile Iron Cement Lined
DP	Downpipe
DWG	Drawing
e	Existing
ECV	Expansion Control valve
EJ	Expansion Joint
ELEC	Electrical Service
FCR	For Continuation Refer
FFL	Finished Floor Level
FRC	Fibre Reinforced Concrete
FSL	Finished Surface Level
GAL	Galvanised
GD	Grated Drain
GDO	Grated Drain Outlet
GL	Ground Level
GMS	Galvanised Mild Steel
GO	Gutter Outlet
GV	Gate Valve
H/L	High Level
HD	Heavy Duty
HDPE	High Density Polyethylene
HP	High Point
HV	High Voltage
ID	Inside Diameter
IL	Invert Level
IO	Inspection Opening
IS	Inspection Shaft
IV	Isolation Valve
JU	Jump Up
KIP	Kerb Inlet Pit
KPA	Kilopascal
KW	Kilowatt
L	Litres
L/L	Low Level
L/S	Litres Per Second
LD	Light Duty
LV	Low Voltage

ABBREVIATIONS cont.

M	Metre
M.HEAD	Metres Head
M/S	Metres per Second
M3/HR	Cubic Metres per Hour
MDPE	Medium Density Polyethylene
MIN	Minimum
MJD	Movement Joint Drain
MM	Millimetres
MS	Mild Steel
NRV	Non-Return Valve
NTS	Not To Scale
O/F	Overflow
OD	Outside Diameter
OJ	Oblique Junction
PDO	Planter Drain Outlet
PG	Pressure Gauge
PLV	Pressure Limiting Valve
PRV	Pressure Relief Valve
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
RHS	Rectangular Hollow Section
RL	Reduced Level
RPZD	Reduced Pressure Zone Device
RV	Reflux Valve
RWH	Rain Water Head
RWO	Rainwater Outlet
S/S	Stainless Steel
SDO	Spoon Drain Outlet
SL	Surface Level
SO	Syphonic Outlet
SOF	Syphonic Overflow
SPD	Spreader
SQ	Square
SSL	Structural Slab Level
STD	Sprinkler Test Drain
SV	Stop Valve
SWIP	Stormwater Inspection Pit
SWMH	Stormwater Manhole
SWP	Stormwater Pit
SWS	Stormwater Sump
SYP	Syphonic
TB	Thrust Block
TBR	To Be Removed
TEL	Telecommunication Service
TG	Trench Grate
TWL	Top Water Level
TYP	Typical
U/S	Underside
UNO	Unless Noted Otherwise
UPVC	Unplasticised Polyvinal Chloride
UV	Ultra Violet
VCP	Vitrified Clay Pipe
WL	Water Level

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Hydraulic Consultant:
ADCAR CONSULTING
GPO Box 4055 Pitt Town NSW 2756
Tel 0404 881 256
Email info@adcar.com.au
Web www.adcar.com.au
Hydraulic & Fire Consultants
ABN 12 152 581 587

Architect:
LOUISE NETTLETON ARCHITECTS

Drawing Title:
COVER SHEET AND LEGEND
STORMWATER SERVICES

Project:
13 MERTON STREET
ZETLAND, NSW

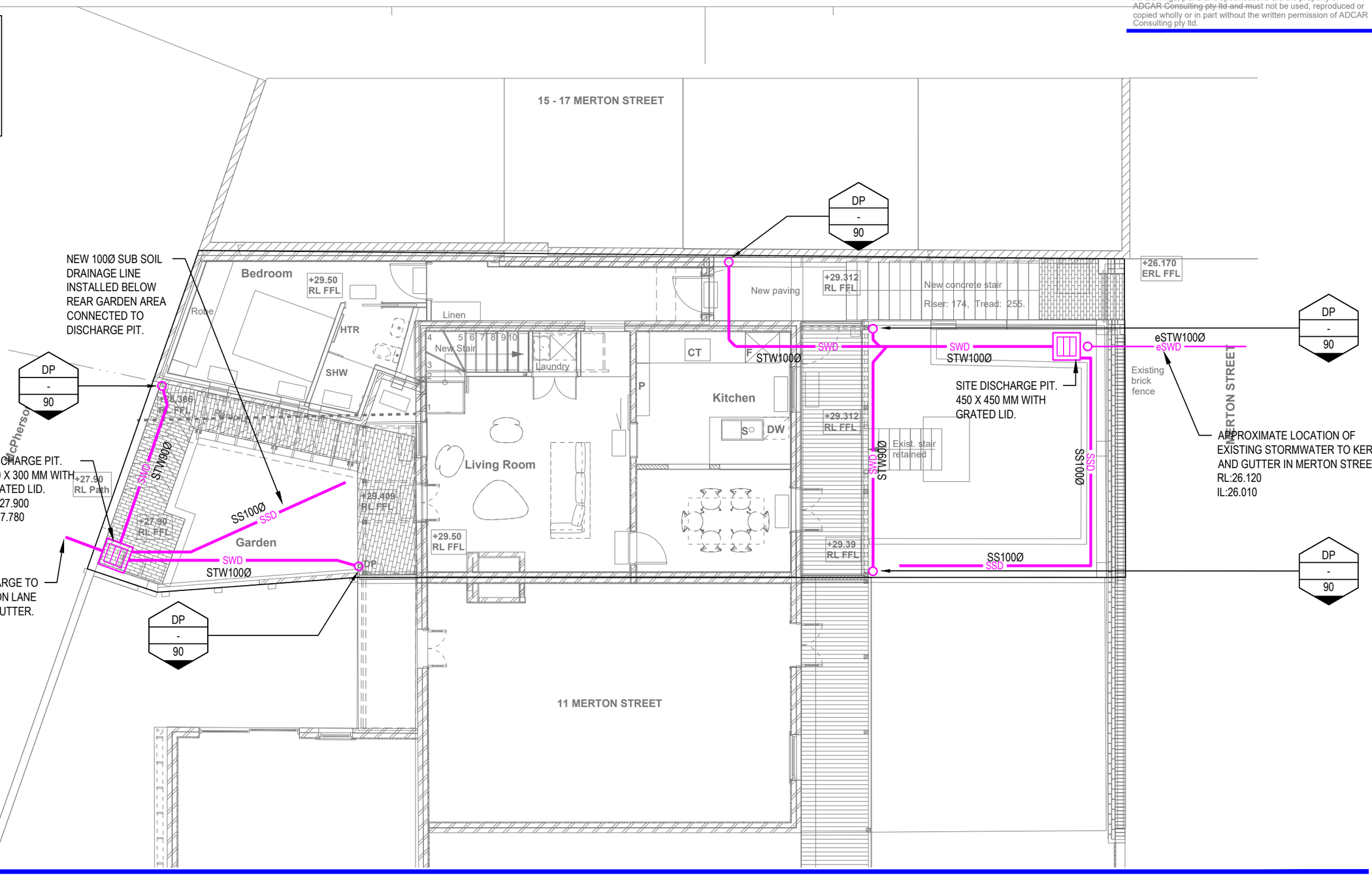
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MA	MA	PC	NTS

PROJECT No.	DRAWING No.	REVISION
ADC250711	SW-000	A

ORIGINAL SIZE: A3

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NOTE:
ALL STORMWATER WORKS TO BE IN ACCORDANCE WITH CITY OF SYDNEY COUNCIL GUIDELINES AND IN ACCORDANCE WITH THE STORMWATER DRAINAGE MANUAL.



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Web www.adcar.com.au
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ABN 12 152 581 587

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LOUISE NETTLETON ARCHITECTS

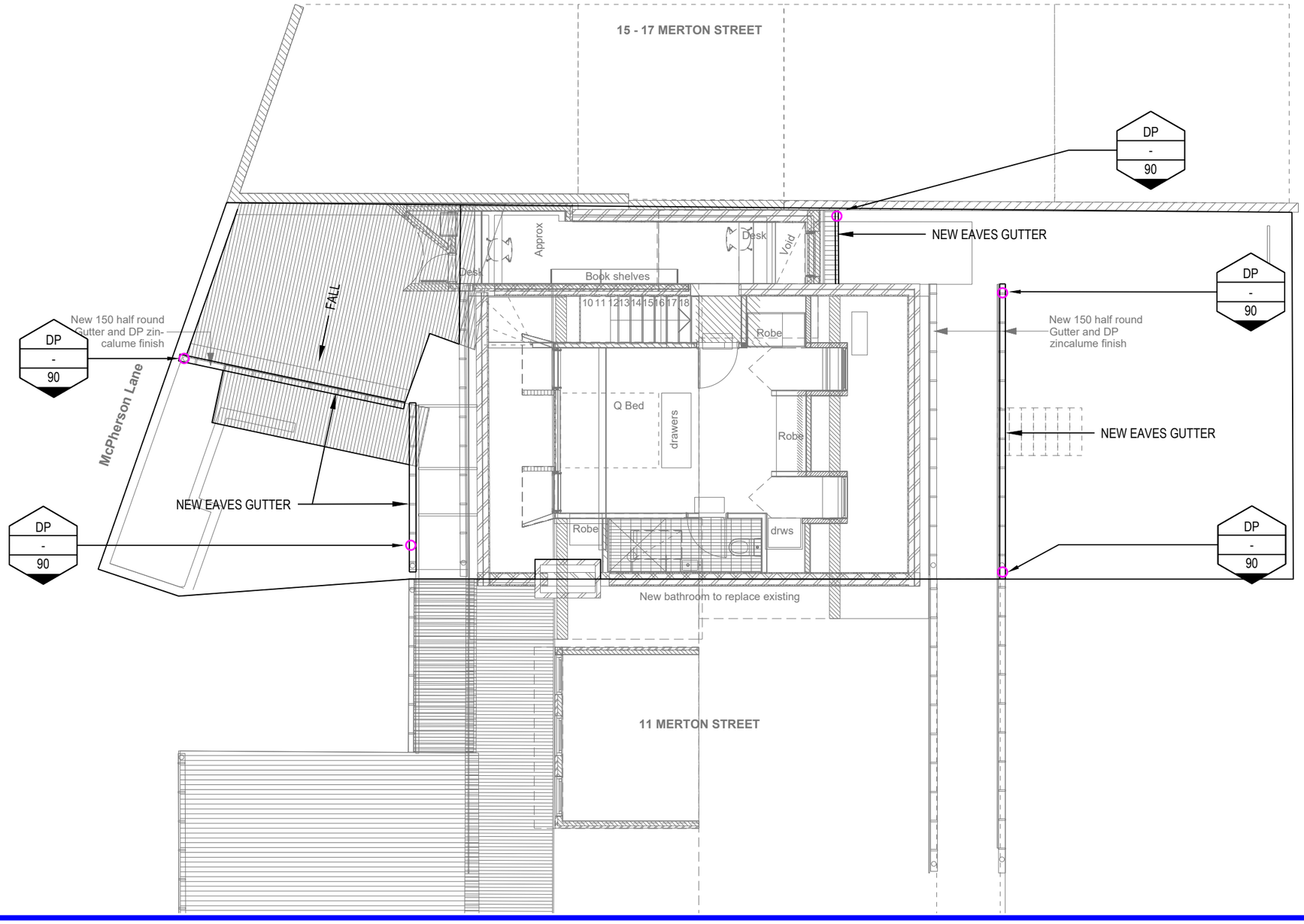
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GROUND FLOOR PLAN
STORMWATER SERVICES

Project:
13 MERTON STREET
ZETLAND, NSW

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Email info@adcar.com.au
Web www.adcar.com.au
Hydraulic & Fire Consultants
ABN 12 152 581 587

Architect:

LOUISE NETTLETON ARCHITECTS

Drawing Title:

LEVEL 1 FLOOR PLAN
STORMWATER SERVICES

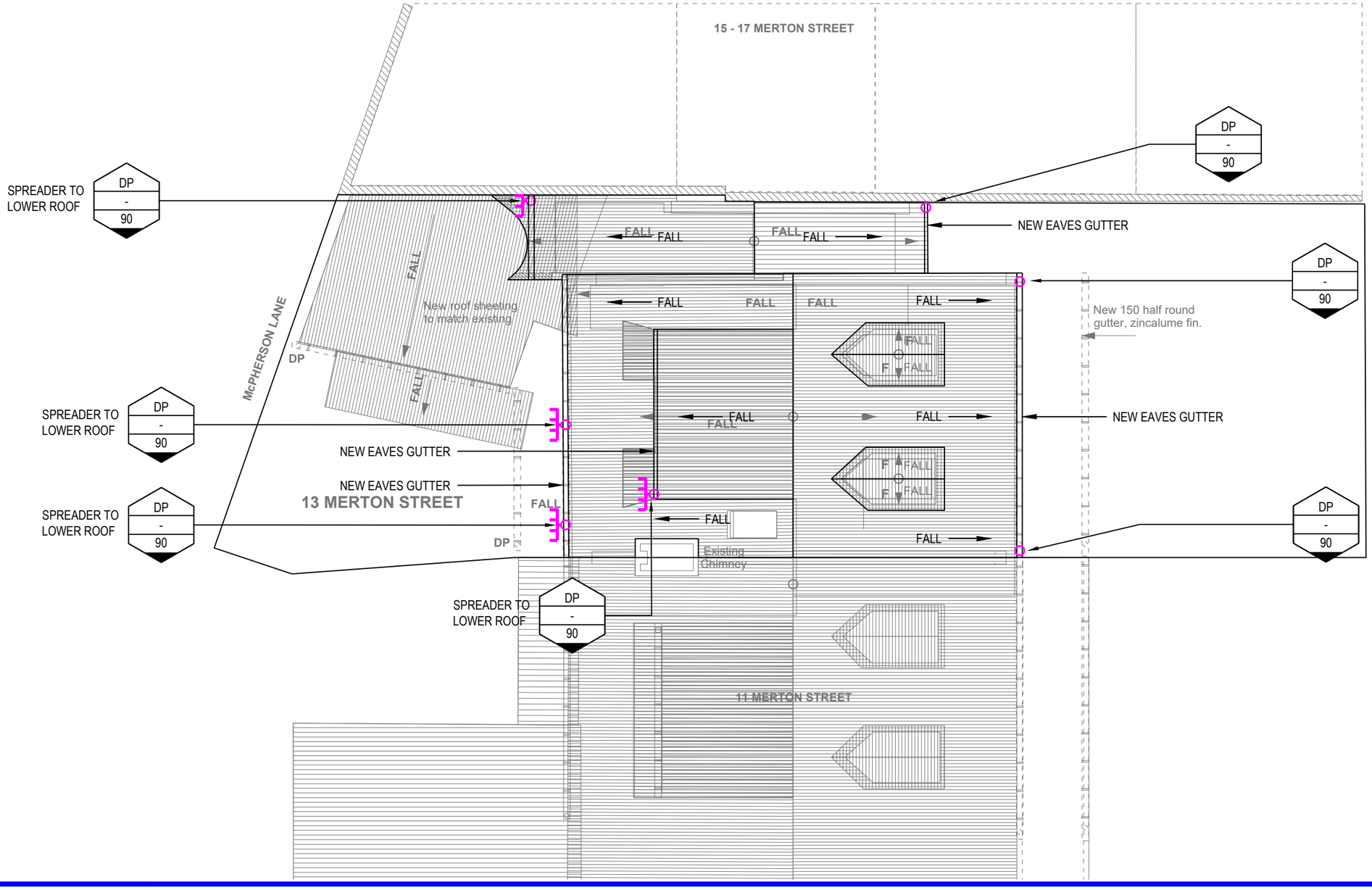
Project:

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GPO Box 4055 Pitt Town NSW 2756
Tel 0404 881 256
Email info@adcar.com.au
Web www.adcar.com.au
Hydraulic & Fire Consultants
ABN 12 152 581 587

Architect:
LOUISE NETTLETON ARCHITECTS

Drawing Title:
ROOF PLAN
STORMWATER SERVICES

Project:
13 MERTON STREET
ZETLAND, NSW

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MA	MA	PC	1:100
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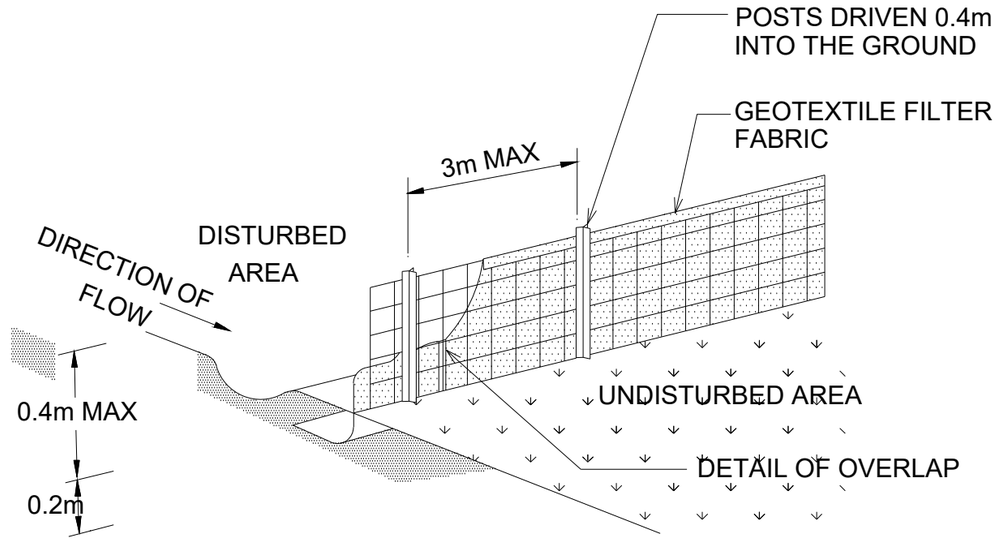
EROSION CONTROL NOTES

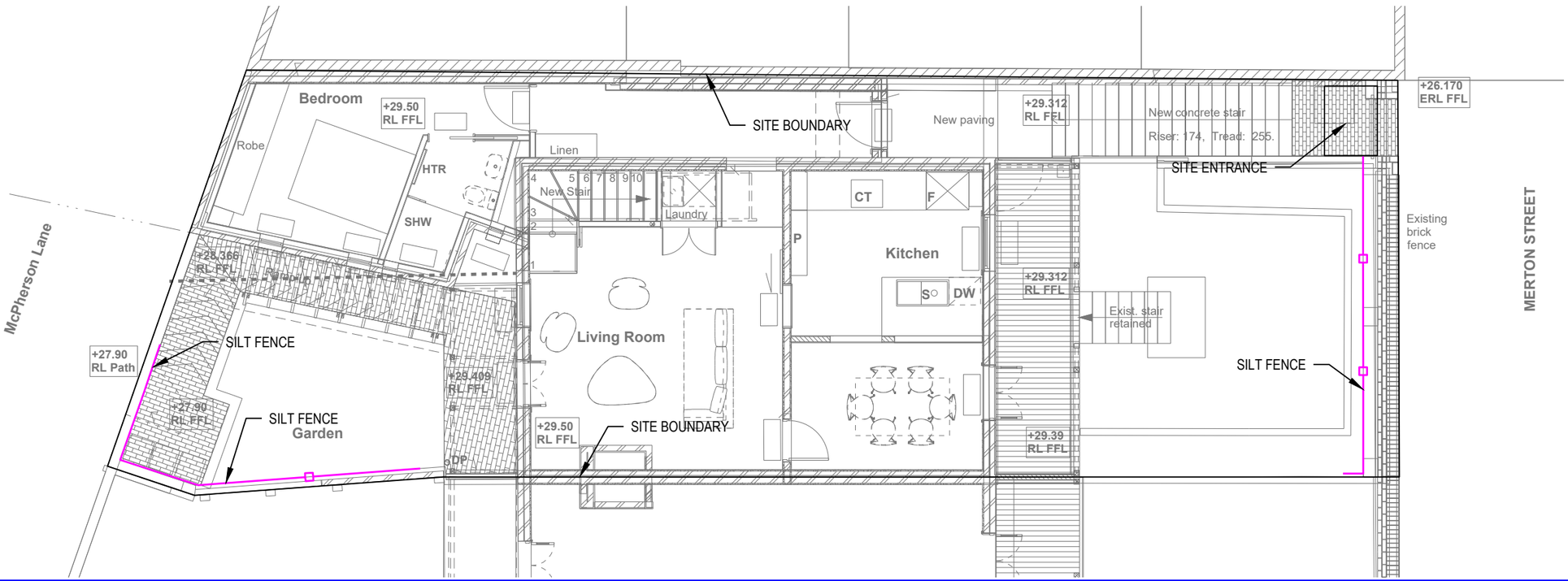
1. ALL INITIAL SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCING TOPSOIL STRIPPING AND EARTHWORKS.
2. IMMEDIATELY ANY BATTER OR FOOTPATH IS COMPLETED, THE SECTION SHALL BE TOPSOILED AND SEEDED OR TURFED.
3. THE RECOMMENDED SEED MIX AND FERTILIZER SPREAD RATE SHALL BE AS DIRECTED BY SUPERINTENDENT.
4. IMMEDIATELY AREAS ARE SEEDED, THEY SHALL BE PROPERLY WATERED TO PROMOTE GROWTH. THE GROWTH SHALL BE WATERED UNTIL REVEGETATION TO SUPERINTENDENT'S SATISFACTION IS ACHIEVED.
5. A STRIP OF TURF SHALL BE PLACED IMMEDIATELY BEHIND THE KERB ON ALL NEW ROADS TO ACT AS A FILTER STRIP.
6. PLACE KERB INLET SEDIMENT TRAPS, DETAILED ABOVE, URBAN EROSION AND SEDIMENT CONTROL MANUAL, ON ALL INLET PITS.
7. THE CONTRACTOR SHALL NOTE THAT HIS CONTRACT IS NOT COMPLETED UNTIL THE REVEGETATION IS ACCEPTED BY COUNCIL. SOME AREAS MAY REQUIRE THE PLACEMENT OF TURF TO ACHIEVE SATISFACTORY REVEGETATION.
8. ALL VEHICLE MOVEMENTS TO BE RESTRICTED TO AREAS OF CONSTRUCTION ONLY.

ORDER OF CONSTRUCTION:

REFER TO DETAILED CONSTRUCTION SCHEDULE FOR SPECIFIC DETAILS.

1. PROVIDE SILT FENCE AROUND BOUNDARIES AS SHOWN ON THE PLAN. RETURNS TO BE PROVIDED EVERY 20m MAXIMUM.
2. CONSTRUCT SILT TRAPS AROUND EXISTING PITS & SEDIMENT TRAP.
3. PROVIDE DIVERSION BANKS ALONG THE SIDES AS SHOWN ON THE PLAN. BANKS TO SPILL ONTO SCALLOPED SILT FENCING.
4. PROVIDE TEMPORARY ENTRY/EXIT AREA AS SHOWN.
5. STRIP TOPSOIL FROM IMMEDIATE WORK AREA AND REMOVE SURPLUS AS DIRECTED. STOCKPILE REMAINED ON SITE IN AREA DESIGNATED WITH DIVERSION BANK IN PLACE UPSLOPE AND SILT FENCE IN PLACE DOWNSLOPE.
6. CONSTRUCT BULK EARTHWORKS
7. CONSTRUCT DRAINAGE & OSD WORKS TO SPECIFICATION.
8. DURING CONSTRUCTION OF DRAINAGE PIPELINES TEMPORARY PROTECTION TO BE PROVIDED AROUND PITS & PIPE OPENINGS. ALL SPOIL TO BE STOCKPILED ON HIGH SIDE OF TRENCH PRIOR TO BACKFILLING.
9. PROVIDE TURF STRIPS BEHIND ROADS.
10. REMOVE SEDIMENT CONTROL MEASURES.





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Drawing Title:
SEDIMENT AND EROSION CONTROL PLAN
STORMWATER SERVICES

Project:
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ZETLAND, NSW

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