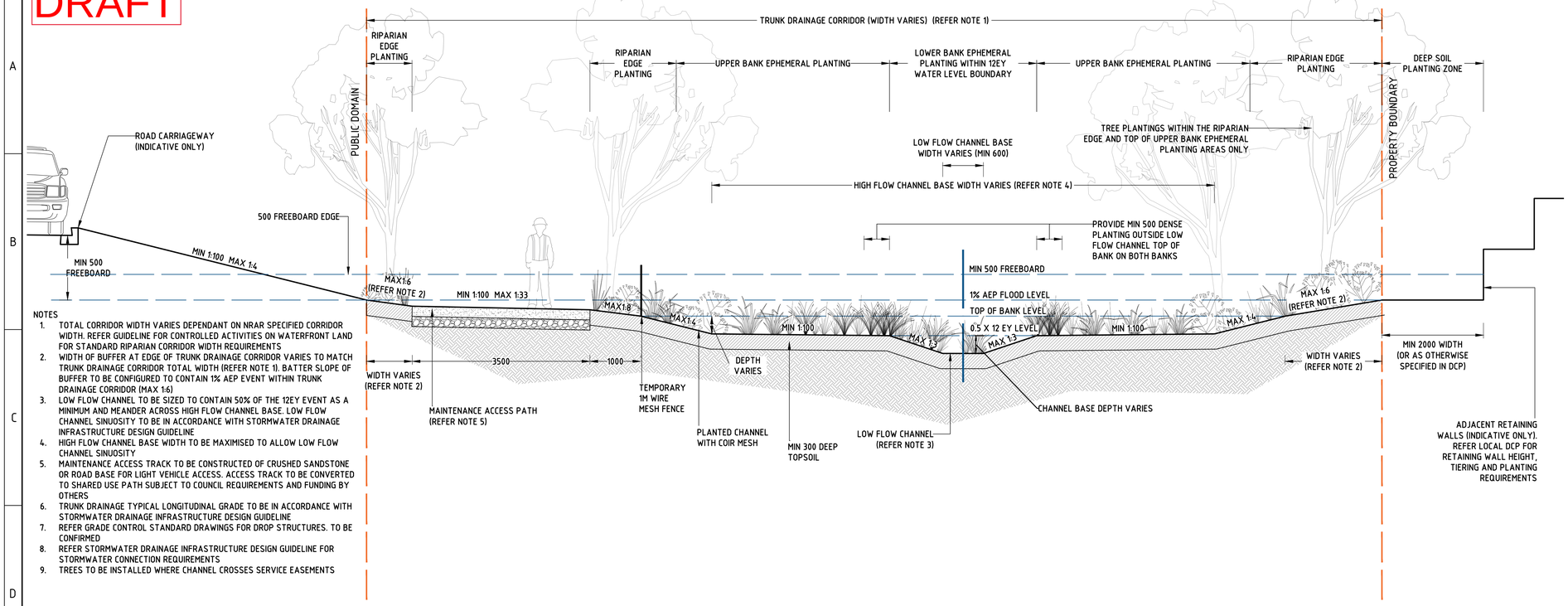
DRAFT

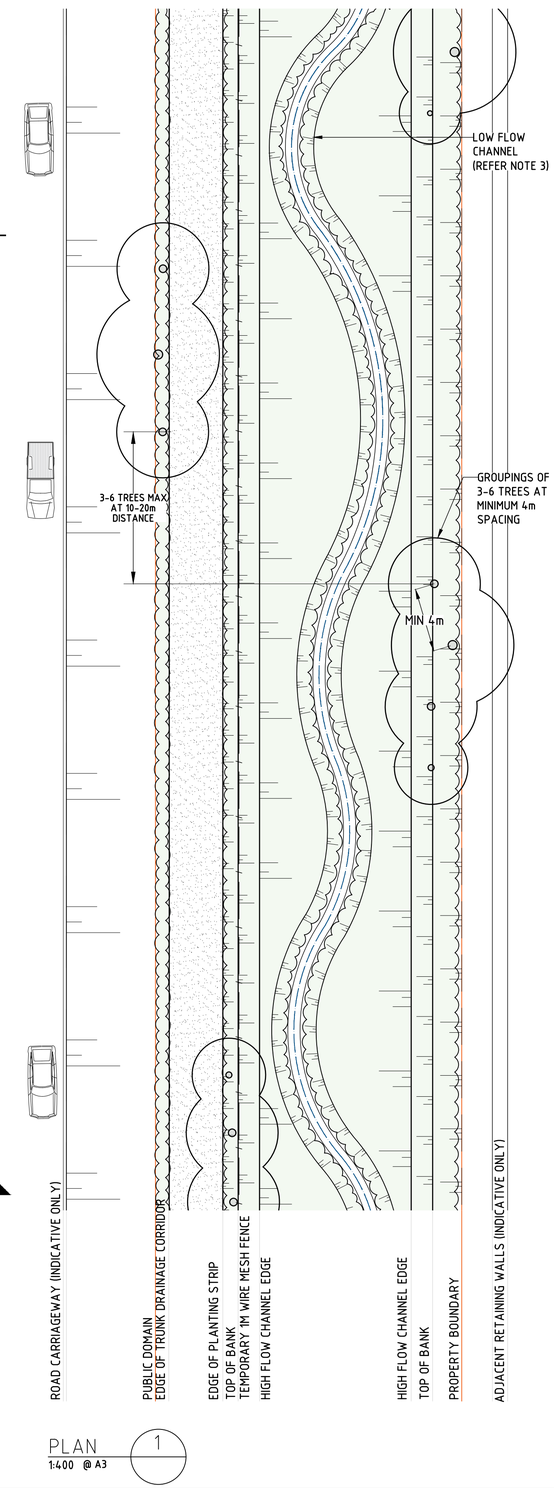


NOTES

1. TOTAL CORRIDOR WIDTH VARIES DEPENDANT ON NRAR SPECIFIED CORRIDOR WIDTH. REFER GUIDELINE FOR CONTROLLED ACTIVITIES ON WATERFRONT LAND FOR STANDARD RIPARIAN CORRIDOR WIDTH REQUIREMENTS
2. WIDTH OF BUFFER AT EDGE OF TRUNK DRAINAGE CORRIDOR VARIES TO MATCH TRUNK DRAINAGE CORRIDOR TOTAL WIDTH (REFER NOTE 1). BATTER SLOPE OF BUFFER TO BE CONFIGURED TO CONTAIN 1% AEP EVENT WITHIN TRUNK DRAINAGE CORRIDOR (MAX 1:6)
3. LOW FLOW CHANNEL TO BE SIZED TO CONTAIN 50% OF THE 12EY EVENT AS A MINIMUM AND MEANDER ACROSS HIGH FLOW CHANNEL BASE. LOW FLOW CHANNEL SINUOSITY TO BE IN ACCORDANCE WITH STORMWATER DRAINAGE INFRASTRUCTURE DESIGN GUIDELINE
4. HIGH FLOW CHANNEL BASE WIDTH TO BE MAXIMISED TO ALLOW LOW FLOW CHANNEL SINUOSITY
5. MAINTENANCE ACCESS TRACK TO BE CONSTRUCTED OF CRUSHED SANDSTONE OR ROAD BASE FOR LIGHT VEHICLE ACCESS. ACCESS TRACK TO BE CONVERTED TO SHARED USE PATH SUBJECT TO COUNCIL REQUIREMENTS AND FUNDING BY OTHERS
6. TRUNK DRAINAGE TYPICAL LONGITUDINAL GRADE TO BE IN ACCORDANCE WITH STORMWATER DRAINAGE INFRASTRUCTURE DESIGN GUIDELINE
7. REFER GRADE CONTROL STANDARD DRAWINGS FOR DROP STRUCTURES. TO BE CONFIRMED
8. REFER STORMWATER DRAINAGE INFRASTRUCTURE DESIGN GUIDELINE FOR STORMWATER CONNECTION REQUIREMENTS
9. TREES TO BE INSTALLED WHERE CHANNEL CROSSES SERVICE EASEMENTS

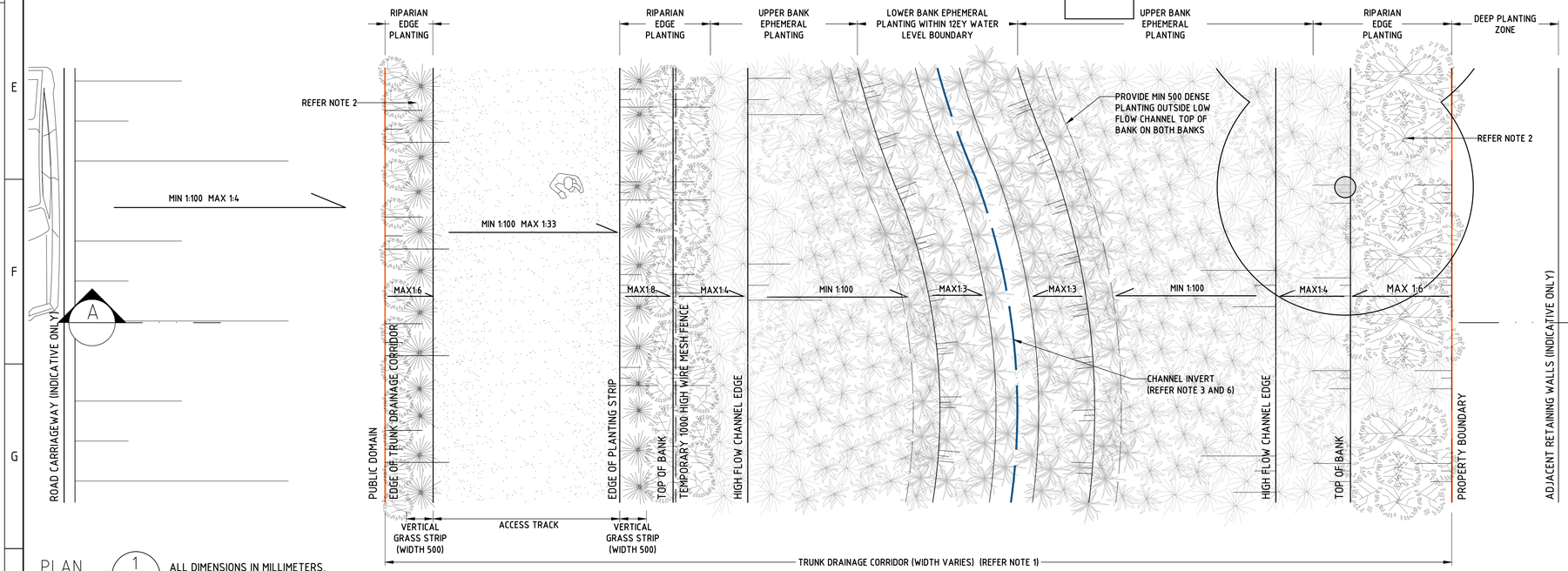
SECTION AA (1)
1:100 @ A3

ALL DIMENSIONS IN MILLIMETERS, UNLESS NOTED OTHERWISE.



PLAN (1)
1:400 @ A3

Sketches draft December 2022



PLAN (1)
1:100 @ A3

ALL DIMENSIONS IN MILLIMETERS, UNLESS NOTED OTHERWISE.

LEGEND

- ROAD CARRIAGEWAY (INDICATIVE ONLY)
- LOW FLOW CHANNEL CENTERLINE
- TRUNK DRAINAGE CORRIDOR EDGE
- TEMPORARY 1000 HIGH WIRE MESH FENCE
- LOWER BANK EPHEMERAL PLANTING
- UPPER BANK EPHEMERAL PLANTING
- RIPARIAN EDGE PLANTING

DESIGNED	TBLD
DRAWN	VM
VERIFIED	AZ
APPROVED	

LETTER	DETAILS OF ISSUE	APP'D	DATE
3	UPDATED DESIGN		8/12/22
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AEROTROPOLIS
REGIONAL STORMWATER INFRASTRUCTURE DESIGN GUIDELINE

TRUNK DRAINAGE CHANNEL TYPICAL 1 PLAN AND SECTION

A1 | PROJ No. NISP0049 | DRAWING STATUS: DRAFT

DRAWING No. AERO-RSI TDC-SK01

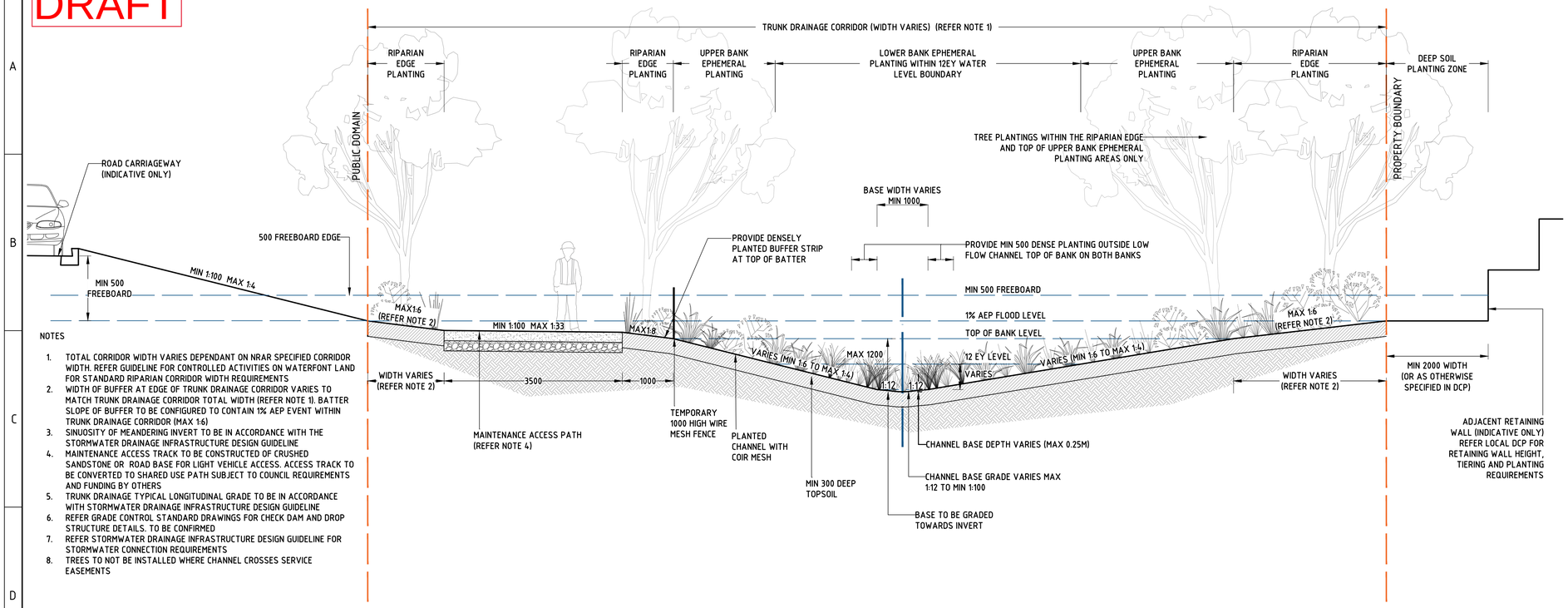
SHEET No.

SWA1-EXT AUG 2014

554

801

DRAFT

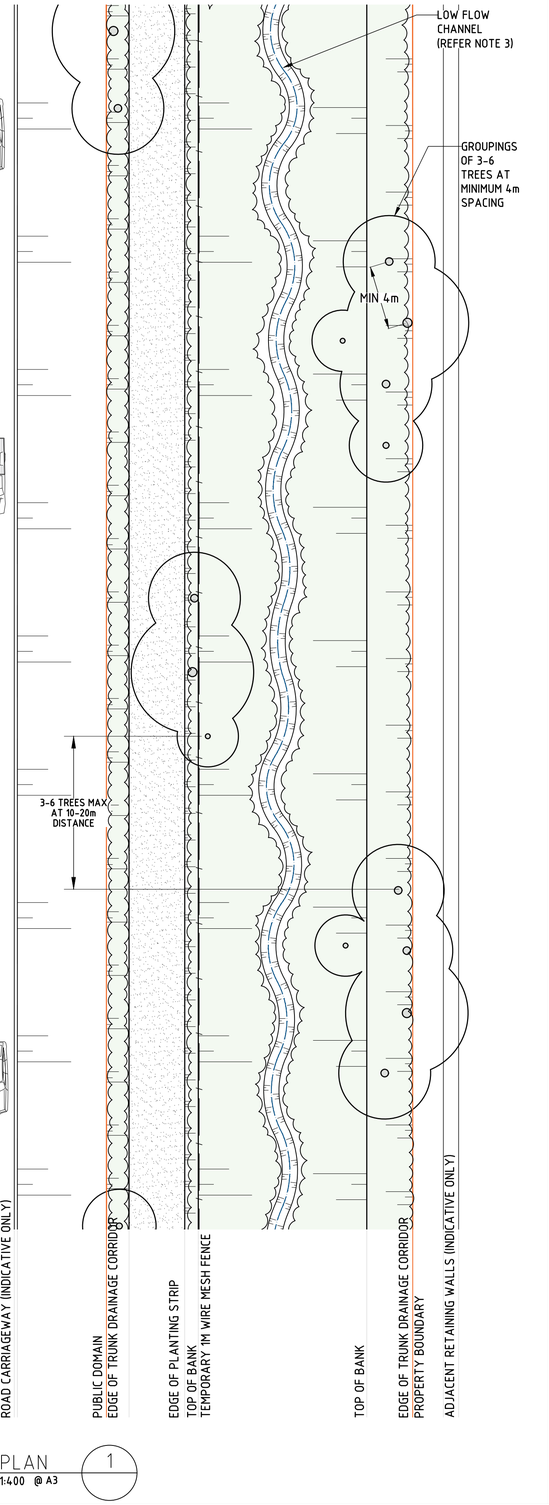


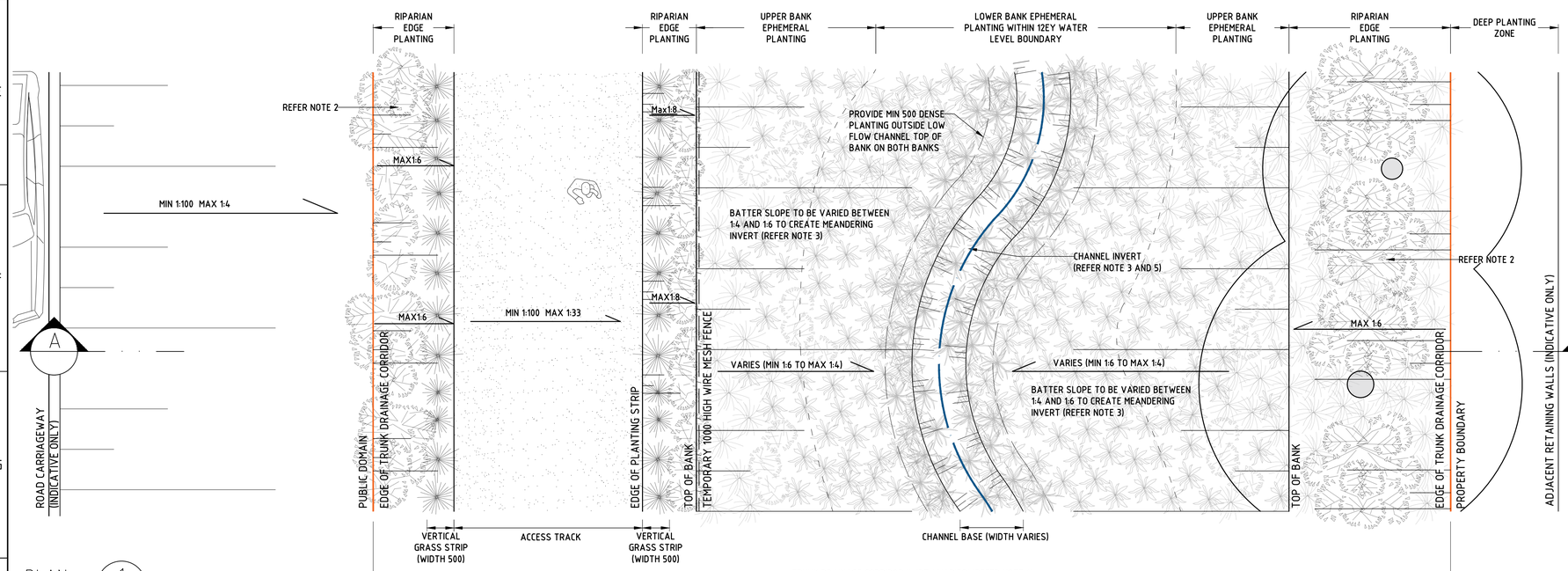
NOTES

1. TOTAL CORRIDOR WIDTH VARIES DEPENDANT ON NRAR SPECIFIED CORRIDOR WIDTH. REFER GUIDELINE FOR CONTROLLED ACTIVITIES ON WATERFONT LAND FOR STANDARD RIPARIAN CORRIDOR WIDTH REQUIREMENTS
2. WIDTH OF BUFFER AT EDGE OF TRUNK DRAINAGE CORRIDOR VARIES TO MATCH TRUNK DRAINAGE CORRIDOR TOTAL WIDTH (REFER NOTE 1). BATTER SLOPE OF BUFFER TO BE CONFIGURED TO CONTAIN 1% AEP EVENT WITHIN TRUNK DRAINAGE CORRIDOR (MAX 1:6)
3. SINUOSITY OF MEANDERING INVERT TO BE IN ACCORDANCE WITH THE STORMWATER DRAINAGE INFRASTRUCTURE DESIGN GUIDELINE
4. MAINTENANCE ACCESS TRACK TO BE CONSTRUCTED OF CRUSHED SANDSTONE OR ROAD BASE FOR LIGHT VEHICLE ACCESS. ACCESS TRACK TO BE CONVERTED TO SHARED USE PATH SUBJECT TO COUNCIL REQUIREMENTS AND FUNDING BY OTHERS
5. TRUNK DRAINAGE TYPICAL LONGITUDINAL GRADE TO BE IN ACCORDANCE WITH STORMWATER DRAINAGE INFRASTRUCTURE DESIGN GUIDELINE
6. REFER GRADE CONTROL STANDARD DRAWINGS FOR CHECK DAM AND DROP STRUCTURE DETAILS. TO BE CONFIRMED
7. REFER STORMWATER DRAINAGE INFRASTRUCTURE DESIGN GUIDELINE FOR STORMWATER CONNECTION REQUIREMENTS
8. TREES TO NOT BE INSTALLED WHERE CHANNEL CROSSES SERVICE EASEMENTS

SECTION AA (1)
1:100 @ A3

ALL DIMENSIONS IN MILLIMETERS, UNLESS NOTED OTHERWISE.





PLAN (1)
1:100 @ A3

ALL DIMENSIONS IN MILLIMETERS, UNLESS NOTED OTHERWISE.

PLAN (1)
1:400 @ A3

LEGEND

- ROAD CARRIAGEWAY (INDICATIVE ONLY)
- LOW FLOW CHANNEL CENTERLINE
- TRUNK DRAINAGE CORRIDOR EDGE
- TEMPORARY 1000 HIGH WIRE MESH FENCE
- LOWER BANK EPHEMERAL PLANTING
- UPPER BANK EPHEMERAL PLANTING
- RIPARIAN EDGE PLANTING

DESIGNED	TBLD
DRAWN	VM
VERIFIED	AZ
APPROVED	

LETTER	DETAILS OF ISSUE	APP'D	DATE
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REGIONAL STORMWATER INFRASTRUCTURE DESIGN GUIDELINE

TRUNK DRAINAGE CHANNEL TYPICAL 2 PLAN AND SECTION

DRAWING No. AERO-RSI TDC-SK02

SHEET No.

A1 | PROJ No. NISP0049 | DRAWING STATUS: DRAFT

SWAL-EXT AUG 2014

DRAFT

POND OVERFLOWS TO RECEIVING WATERWAY

HARVESTED STORMWATER TO BE RECIRCULATED TO PRECINCT FOR RE-USE

POND OUTLET CONTROL PIT DETAILS TBC

POTENTIAL LOOKOUT AREA WITH SEATING, AMENITY ELEMENTS TO BE FUNDED BY OTHERS

MAINTENANCE ACCESS RAMP TO LOCAL ROAD

POND

REFER PLAN 1 AND DRAWING AERO-RSI-PON-SK01

TREATED FLOW FROM WETLAND TO POND

SERVICE VEHICLE (3.5M WIDE) TRACKS

REFER AERO-RSI-WET-SK03 FOR VEHICLE ACCESS DETAIL

WETLAND OUTLET CONTROL PIT. PIT TO BE ACCESSIBLE FOR MAINTENANCE FROM TRACK

HIGH FLOW BYPASS PIT FROM SEDIMENT BASIN TO POND (DETAIL TBC), PIT TO BE ACCESSIBLE FOR MAINTENANCE FROM TRACK

WETLAND OUTLET POOL

SEDIMENT BASIN CONTROL PIT, REFER DRAWING AERO-RSI-WET-SK03, PIT TO BE ACCESSIBLE FOR MAINTENANCE FROM TRACK

REFER PLAN 3 AND DRAWING AERO-RSI-WET-SK02

WETLAND INLET POOL

WETLAND

SEDIMENT BASIN

DPE INDICATIVE ROADS

MIN 6M PLANTED BATTER

PLANTED BUNDING TO DIRECT FLOWS. BUNDING HEIGHT TO BE LEVEL WITH EDD AS A MINIMUM

PEDESTRIAN ONLY ACCESS TRACK

LIGHT VEHICLE (3.0M WIDE) TRACKS

CONCRETE RAMP TO BASE OF SEDIMENT BASIN

INDENTED PARKING BAY

MAINTENANCE ACCESS CROSS OVER WITH GATE

REFER PLAN 2 AND DRAWING AERO-RSI-WET-SK01

MAINTENANCE ACCESS TO GPT AND SEDIMENT BASIN

FLOW DIVERSION (DETAIL TBC)

TRUNK DRAINAGE MAINTENANCE ACCESS TRACK (DETAIL TBC)

LOW FLOW BYPASS TO TRUNK DRAINAGE CHANNEL (IF REQUIRED)

INDICATIVE TRUNK DRAINAGE TO RECEIVING WATERWAY

HIGH FLOW BYPASS TO TRUNK DRAINAGE CHANNEL

TREATABLE FLOWS TO SEDIMENT BASIN

NOTES

1. DESIGNER TO CONSULT WITH SYDNEY WATER ON WILDLIFE ATTRACTION MITIGATION REQUIREMENTS
2. ACCESS REQUIREMENTS TO BE:
   - CONCRETE ACCESS FOR 9m SERVICE VEHICLE TO GPT AND SEDIMENT BASIN RAMP.
   - 9m SERVICE VEHICLE ACCESS TO BE PROVIDED TO ALL INLET AND OUTLET STRUCTURES. PITS TO BE ACCESSIBLE FROM ACCESS TRACK.
   - LIGHT VEHICLE ACCESS AROUND REMAINDER OF PERIMETER
   - PEDESTRIAN ACCESS TO BE PROVIDED BETWEEN WETLAND AND SEDIMENT BASIN (UNLESS VEHICLE ACCESS REQUIRED TO STRUCTURES)
   - REFER TABLE 1 FOR TRACK WIDTH REQUIREMENTS

TABLE 1

	ACCESS TYPE	TRACK WIDTH (M)	TRACK MATERIAL
	LIGHT VEHICLE ONLY	3	CRUSHED SANDSTONE OR ROADBASE
	SERVICE VEHICLE ONLY	3.5	CRUSHED SANDSTONE OR ROADBASE
	SERVICE VEHICLE (RAMP) ACCESS	4	CONCRETE
	SHARED PATH	AS PER COUNCIL REQUIREMENTS	AS PER COUNCIL REQUIREMENTS

SEDIMENT BASIN, WETLAND & POND
INDICATIVE GENERAL ARRANGEMENT PLAN 1

1:800 @ A1 1:1600 @ A3

LEGEND

- TOP OF BANK
- NORMAL WATER LEVEL
- CONTROL PIT
- RIPARIAN EDGE PLANTING
- SHALLOW MARSH AND DEEP MARSH PLANTING
- WATER FLOW
- POND
- WETLAND
- SEDIMENT BASIN

DESIGNED TBLD
DRAWN AY
VERIFIED AZ
APPROVED

LETTER	DETAILS OF ISSUE	APP'D	DATE
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REGIONAL STORMWATER INFRASTRUCTURE DESIGN GUIDELINE
SEDIMENT BASIN, WETLAND & POND
GENERAL ARRANGEMENT PLAN

A1 PROJ No. NISP0049 DRAWING STATUS: DRAFT

DRAWING No. AERO-RSI GA-SK01

SHEET No.

SW41-EXT AUG 2014

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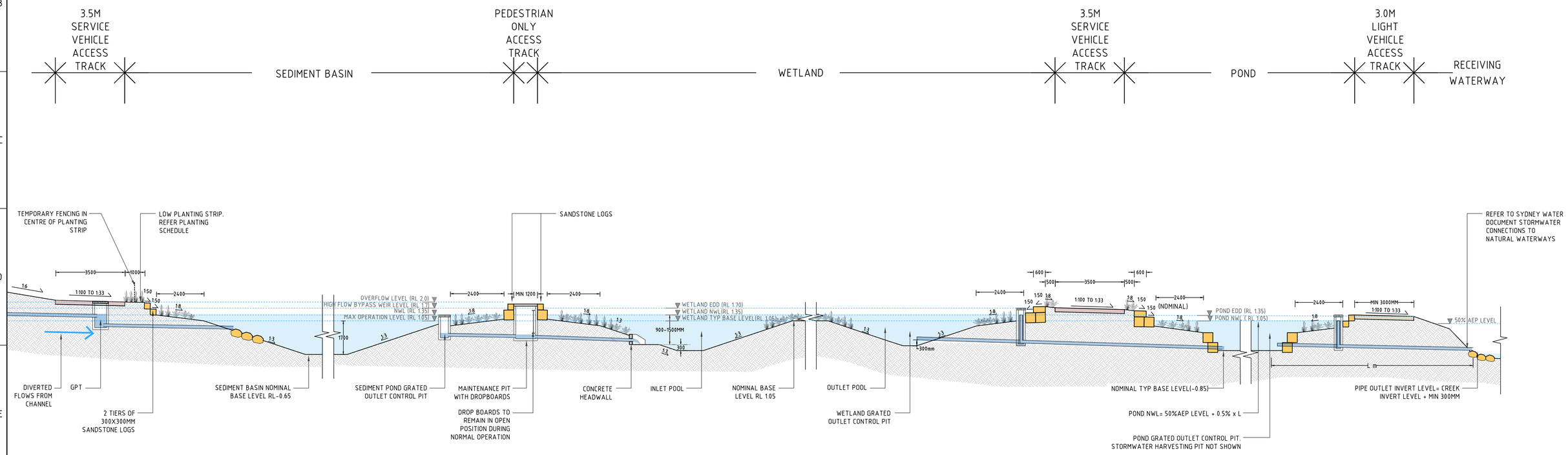

LONG SECTION AA (1)
1:100 @ A1 1:200@ A3

LEGEND
- FLOW DIRECTION
- 3.0M LIGHT VEHICLE ACCESS TRACK
- 3.5M SERVICE VEHICLE ACCESS TRACK

DESIGNED	TBLD
DRAWN	PL
VERIFIED	AZ
APPROVED	

LETTER	DETAILS OF ISSUE	APP'D	DATE
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REGIONAL STORMWATER INFRASTRUCTURE DESIGN GUIDELINE
SEDIMENT BASIN, WETLAND & POND
GENERAL ARRANGEMENT SECTION

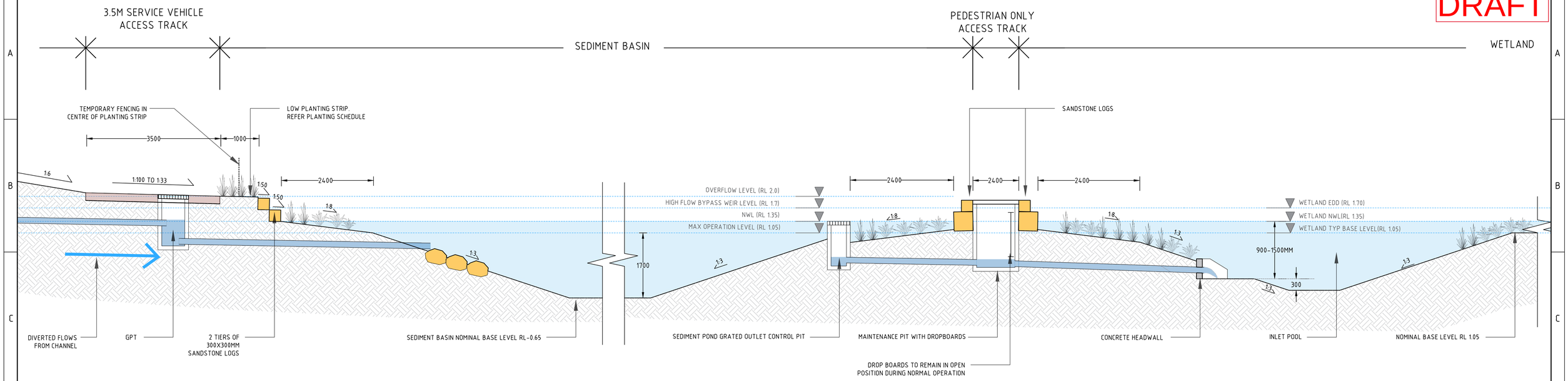
A1 PROJ No. NISP0049 DRAWING STATUS:

DRAWING No. AERO-RSI GA-SK02

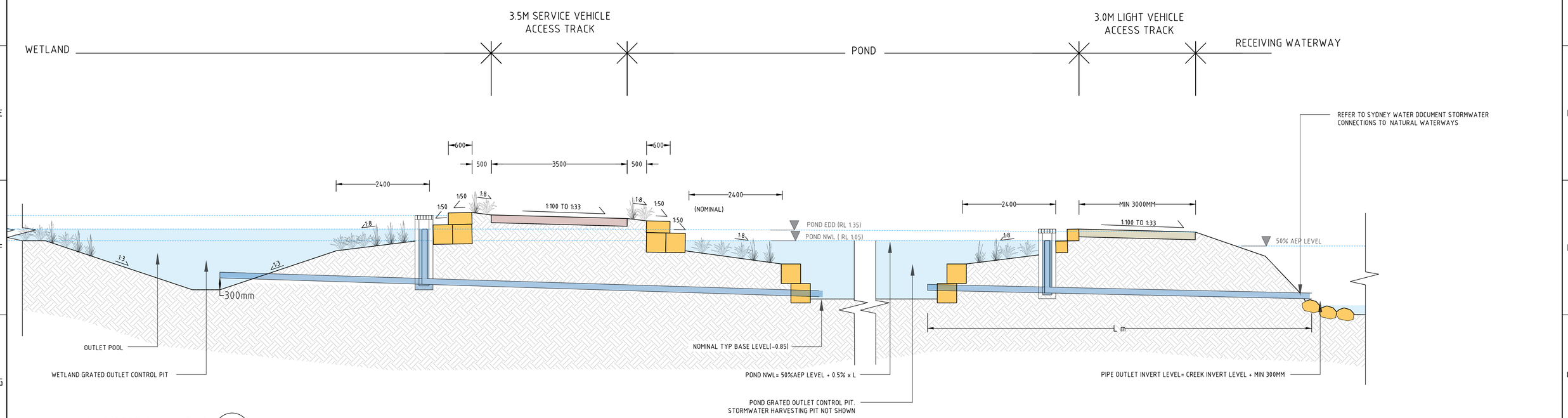
SHEET No.

SWA1-EXT AUG 2014

DRAFT



LONG SECTION AA LHS (1)
1:50 @ A1 1:100 @ A3



LONG SECTION AA RHS (2)
1:50 @ A1 1:100 @ A3

LEGEND
- FLOW DIRECTION
- 3.0M LIGHT VEHICLE ACCESS TRACK
- 3.5M SERVICE VEHICLE ACCESS TRACK

DESIGNED	TBLD
DRAWN	PL
VERIFIED	AZ
APPROVED	

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REGIONAL STORMWATER INFRASTRUCTURE DESIGN GUIDELINE

SEDIMENT BASIN, WETLAND & POND GENERAL ARRANGEMENT SECTION

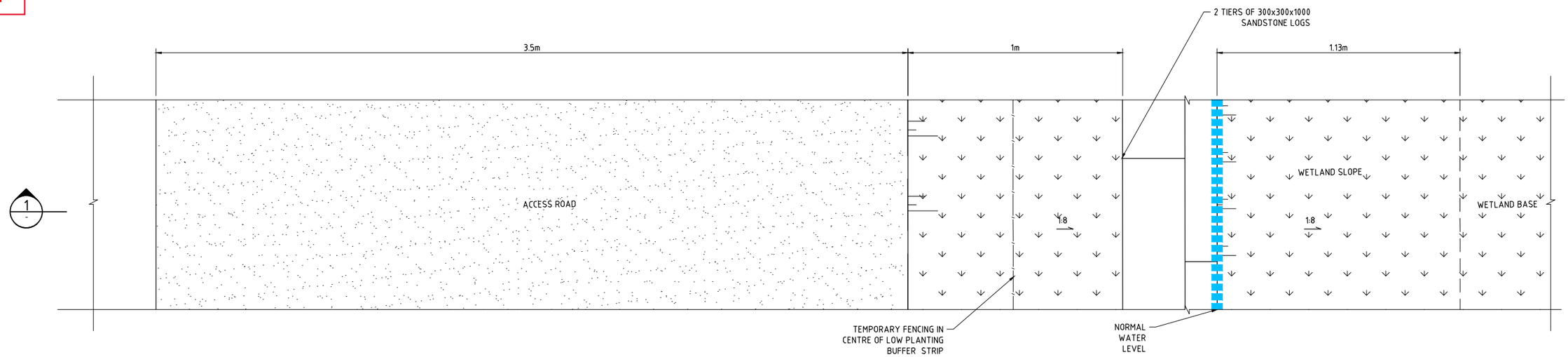
A1 | PROJ No. NISP0049 | DRAWING STATUS:

DRAWING No. AERO-RSI / GA-SK02

SHEET No.

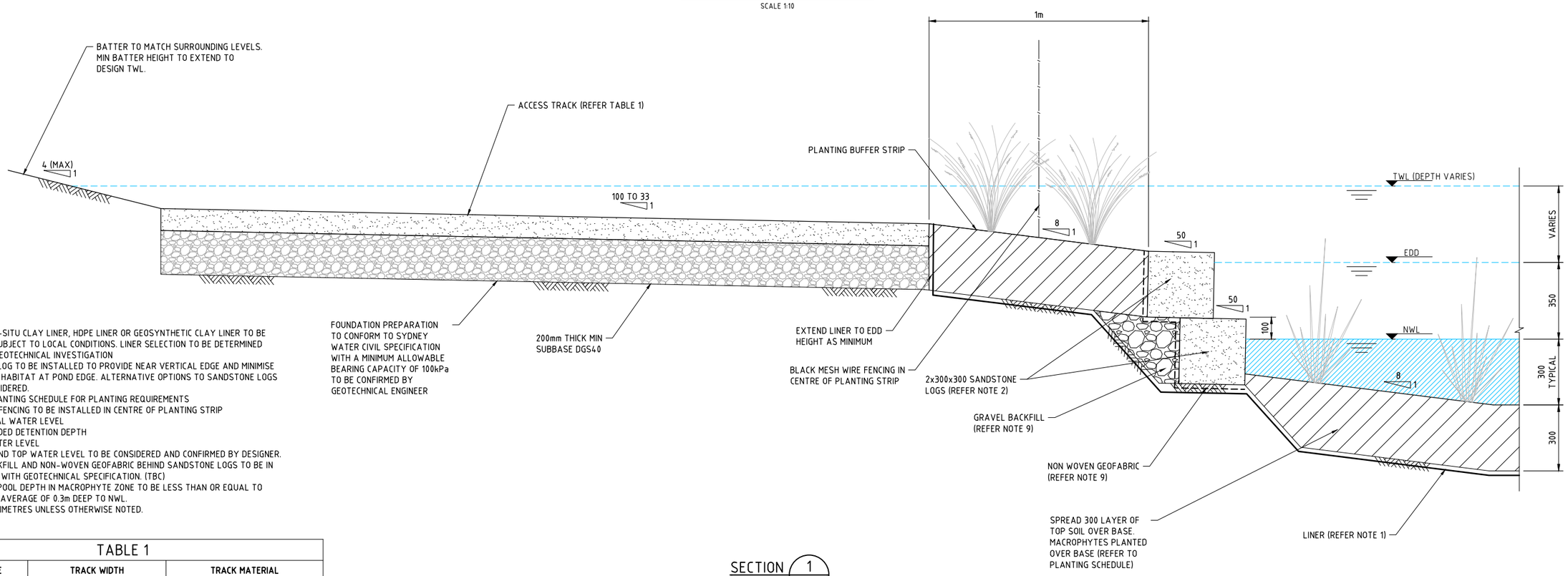
SWAL-EXT AUG 2014

DRAFT



WETLAND EDGE DETAIL PLAN

SCALE 1:10



NOTES

1. EITHER AN IN-SITU CLAY LINER, HDPE LINER OR GEOSYNTHETIC CLAY LINER TO BE INSTALLED SUBJECT TO LOCAL CONDITIONS. LINER SELECTION TO BE DETERMINED FOLLOWING GEOTECHNICAL INVESTIGATION
2. SANDSTONE LOG TO BE INSTALLED TO PROVIDE NEAR VERTICAL EDGE AND MINIMISE WADING BIRD HABITAT AT POND EDGE. ALTERNATIVE OPTIONS TO SANDSTONE LOGS MAY BE CONSIDERED.
3. REFER TO PLANTING SCHEDULE FOR PLANTING REQUIREMENTS
4. TEMPORARY FENCING TO BE INSTALLED IN CENTRE OF PLANTING STRIP
5. NWL = NORMAL WATER LEVEL
6. EDD = EXTENDED DETENTION DEPTH
7. TWL:TOP WATER LEVEL
8. OVERFLOW AND TOP WATER LEVEL TO BE CONSIDERED AND CONFIRMED BY DESIGNER.
9. GRAVEL BACKFILL AND NON-WOVEN GEOFABRIC BEHIND SANDSTONE LOGS TO BE IN ACCORDANCE WITH GEOTECHNICAL SPECIFICATION. (TBC)
10. PERMANENT POOL DEPTH IN MACROPHYTE ZONE TO BE LESS THAN OR EQUAL TO 0.4m AND AN AVERAGE OF 0.3m DEEP TO NWL.
11. UNITS IN MILLIMETRES UNLESS OTHERWISE NOTED.

TABLE 1

ACCESS TYPE	TRACK WIDTH	TRACK MATERIAL
LIGHT VEHICLE ONLY	3	CRUSHED SANDSTONE OR ROADBASE
HEAVY VEHICLE ONLY	3.5	CRUSHED SANDSTONE OR ROADBASE
SHARED PATH	AS PER COUNCIL REQUIREMENTS	AS PER COUNCIL REQUIREMENTS

SECTION 1 / -
SCALE 1:10

0 100 200 300 400 500mm
SCALE 1:10 (A1), SCALE 1:20 (A3)

DESIGNED	W.LEGG E&TS TEAM	26.10.22
DRAWN	D.TERZIS E&TS TEAM	26.10.22
VERIFIED	E&TS TEAM	
APPROVED	E&TS TEAM	

LETTER	DETAILS OF ISSUE	APP'D	DATE
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PROJECT ENGINEER SYDNEY WATER
ACCEPTED
PROJECT MANAGER SYDNEY WATER

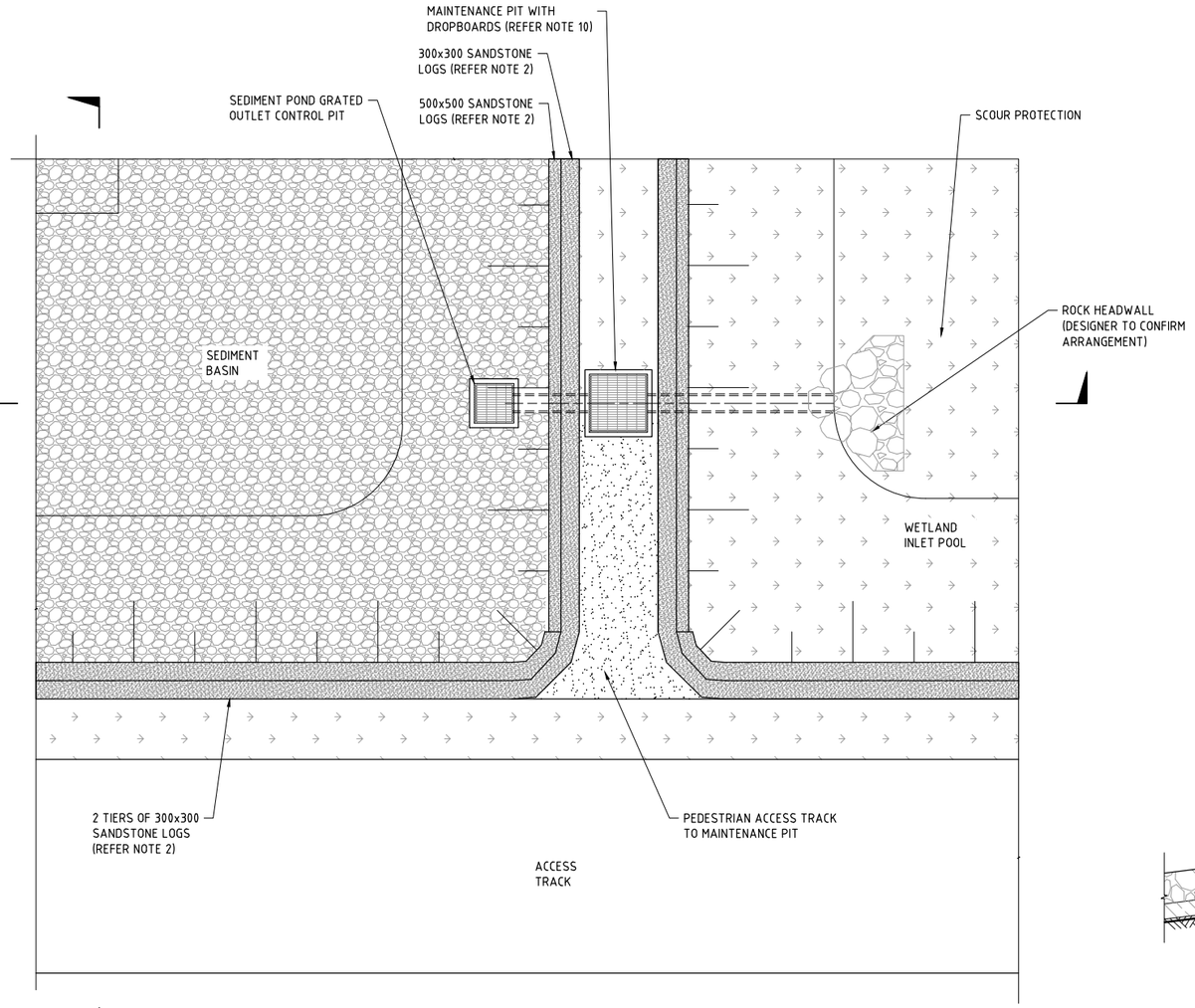
AEROTROPOLIS
REGIONAL STORMWATER INFRASTRUCTURE DESIGN GUIDELINE
WETLAND EDGE
DETAIL

A1 PROJ No. NISP0049 DRAWING STATUS: PRELIMINARY FOR REVIEW

DRAWING No. AERO-RSI / WET-SK01
DRAFT 1.1 SHEET No.

SWAT-EXT AUG 2014

DRAFT



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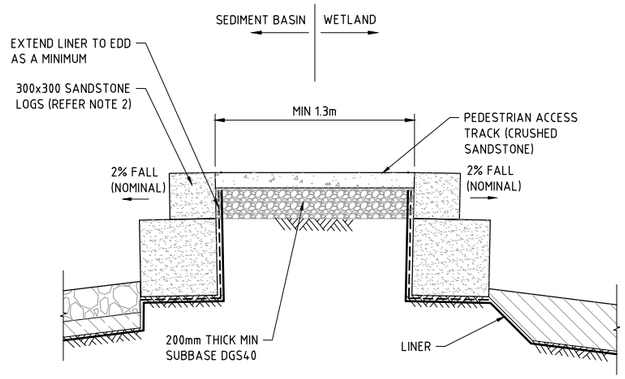
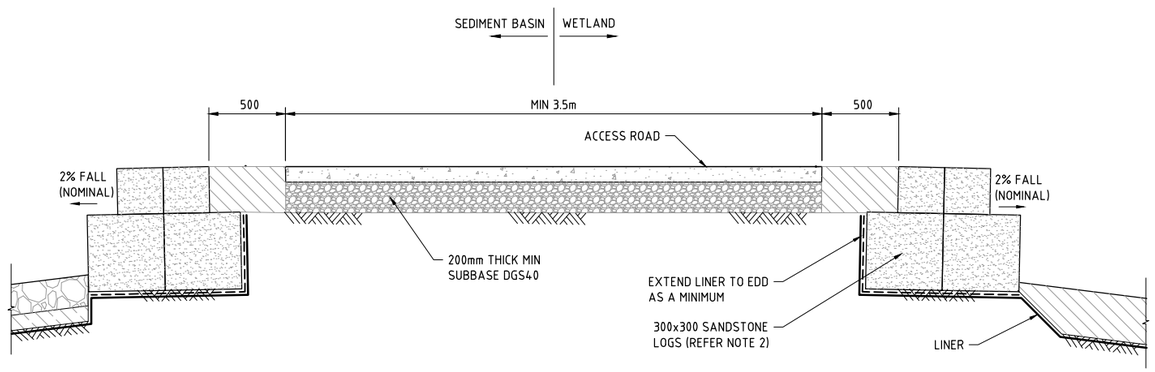
SK03

SEDIMENT BASIN PLAN
SCALE 1:50



TYPICAL SEDIMENT BASIN PEDESTRIAN ACCESS TRACK AT WELAND EDGE SECTION
SCALE 1:20



TYPICAL SEDIMENT BASIN VEHICLE ACCESS TRACK AT WELAND EDGE SECTION
SCALE 1:20

NOTES

1. EITHER AN IN-SITU CLAY LINER, HDPE LINER OR GEOSYNTHETIC CLAY LINER TO BE INSTALLED SUBJECT TO LOCAL CONDITIONS. LINER SELECTION TO BE DETERMINED FOLLOWING GEOTECHNICAL INVESTIGATION
2. SANDSTONE LOG TO BE INSTALLED TO PROVIDE NEAR VERTICAL EDGE AND MINIMISE WADING BIRD HABITAT AT POND EDGE. ALTERNATIVE OPTIONS TO SANDSTONE LOGS MAY BE CONSIDERED PROVIDED THEY MEET KEY CRITERIA SETOUT IN REGIONAL STORMWATER INFRASTRUCTURE DESIGN STANDARDS.
3. REFER TO PLANTING SCHEDULE FOR PLANTING REQUIREMENTS
4. TEMPORARY FENCING TO BE INSTALLED IN CENTRE OF PLANTING STRIP
5. NWL = NORMAL WATER LEVEL
6. EDD = EXTENDED DETENTION DEPTH
7. TWL:TOP WATER LEVEL
8. OVERFLOW AND TOP WATER LEVEL TO BE CONSIDERED AND CONFIRMED BY DESIGNER.
9. GRAVEL BACKFILL AND NON-WOVEN GEOFABRIC BEHIND SANDSTONE LOGS TO BE IN ACCORDANCE WITH GEOTECHNICAL SPECIFICATION (TBC).
10. MAINTENANCE PIT TO INCLUDE DROPBOARDS TO ALLOW ISOLATION OF THE WETLAND FROM THE SEDIMENT BASIN FOR PERIODIC MAINTENANCE. DROPBOARDS TO REMAIN IN OPEN POSITION FOR OPERATION
11. SEDIMENT BASIN ACCESS TRACK IN ACCORDANCE WITH AUSTROADS PUBLICATION (AP-G34-13) FOR A 9m SERVICE VEHICLE. PROVIDE CONCRETE ACCESS TO SEDIMENT BASIN RAMP. REMAINDER OF ACCESS TRACK TO BE CRUSHED ROCK OR ROADBASE.
12. WHERE ONLY PEDESTRIAN ACCESS PROVIDED TO SEDIMENT OUTLET CONTROL PIT AND MAINTENANCE PIT (TO MINIMISE LOSS OF TREATMENT AREA), PITS TO BE LOCATED WITHIN 5m OF VEHICLE ACCESS TRACK AND TRACK TO BE CONSTRUCTED OF CRUSHED SANDSTONE. WHERE VEHICLE ACCESS IS REQUIRED (TO FACILITATE ACCESS TO OTHER STRUCTURES) REFER TYPICAL SECTION.
13. SEDIMENT BASIN TO BE 2m DEEP TO NWL.
14. UNITS IN MILLIMETRES UNLESS OTHERWISE NOTED.

CONCEPT DESIGN ONLY

0 200 400 600 800 1000mm
SCALE 1:20 (A1), SCALE 1:40 (A3)
0 500 1000 1500 2000 2500mm
SCALE 1:50 (A1), SCALE 1:100 (A3)

DESIGNED	W.LEGG E&TS TEAM	26.10.22
DRAWN	D.TERZIS E&TS TEAM	26.10.22
VERIFIED	E&TS TEAM	
APPROVED	E&TS TEAM	

LETTER	DETAILS OF ISSUE	APP'D	DATE
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PROJECT MANAGER SYDNEY WATER

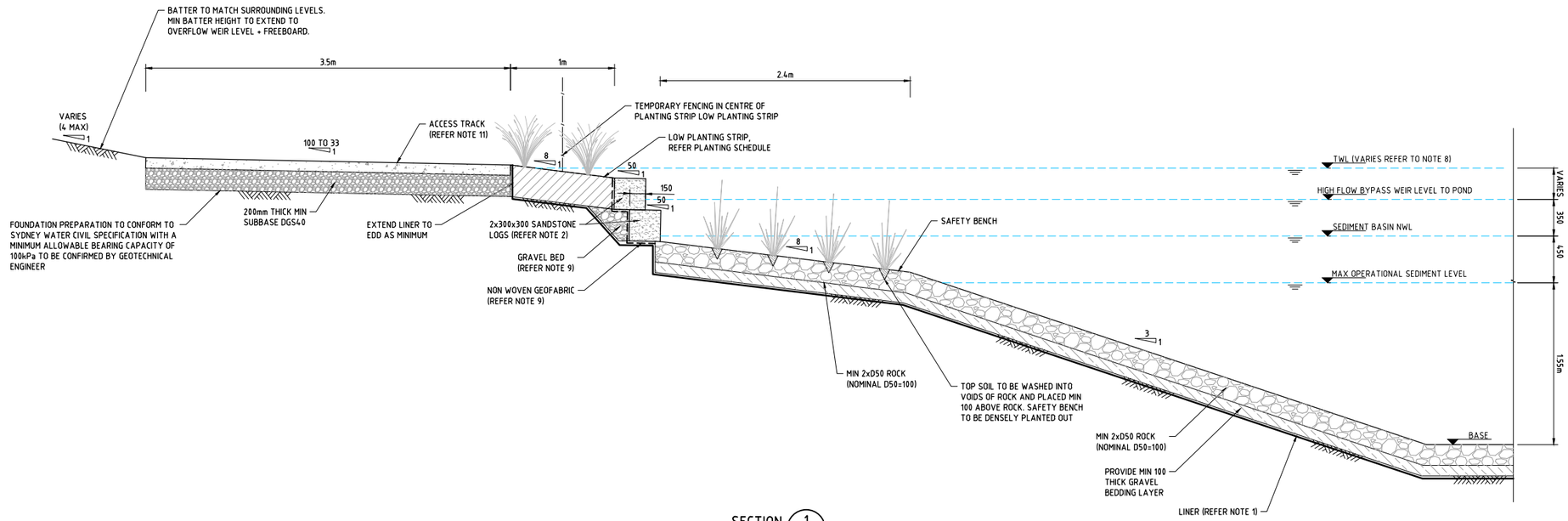
AEROTROPOLIS
REGIONAL STORMWATER INFRASTRUCTURE DESIGN GUIDELINE
SEDIMENT BASIN
EDGE DETAILS - PLAN

A1 | PROJ No. NISP0049 | DRAWING STATUS: PRELIMINARY FOR REVIEW

DRAWING No. AERO-RSI WET-SK02
DRAFT 1.1 | SHEET No.

SWA1-EXT AUG 2014

DRAFT



SECTION 1 SK02
SCALE 1:20

NOTES

1. EITHER AN IN-SITU CLAY LINER, HDPE LINER OR GEOSYNTHETIC CLAY LINER TO BE INSTALLED SUBJECT TO LOCAL CONDITIONS. LINER SELECTION TO BE DETERMINED FOLLOWING GEOTECHNICAL INVESTIGATION
2. SANDSTONE LOG TO BE INSTALLED TO PROVIDE NEAR VERTICAL EDGE AND MINIMISE WADING BIRD HABITAT AT POND EDGE. ALTERNATIVE OPTIONS TO SANDSTONE LOGS MAY BE CONSIDERED.
3. REFER TO PLANTING SCHEDULE FOR PLANTING REQUIREMENTS
4. TEMPORARY FENCING TO BE INSTALLED IN CENTRE OF PLANTING STRIP
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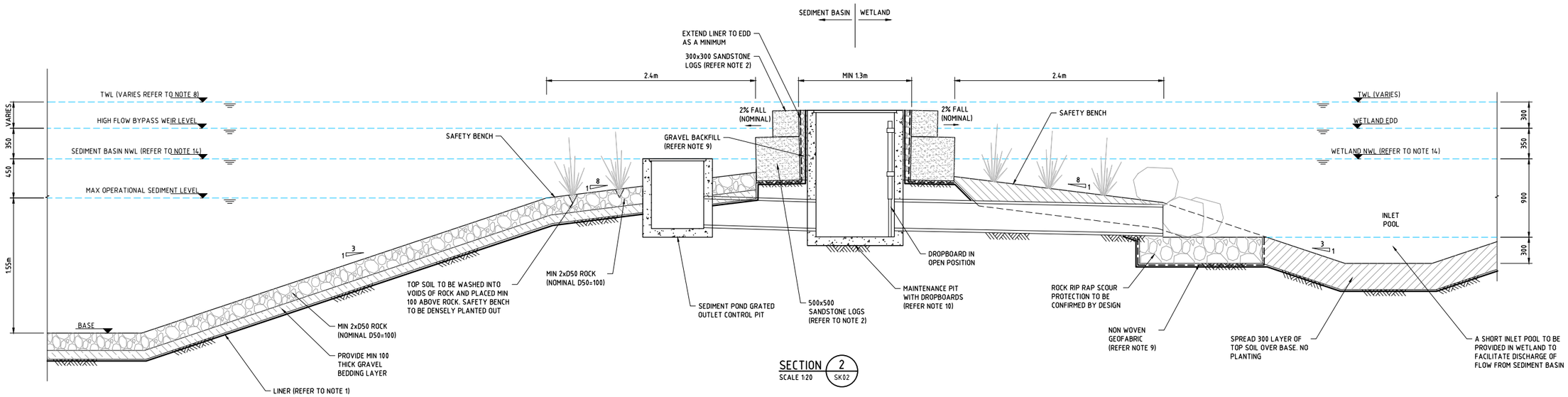
8. OVERFLOW AND TOP WATER LEVEL TO BE CONSIDERED AND CONFIRMED BY DESIGNER.
9. GRAVEL BACKFILL AND NON-WOVEN GEOFABRIC BEHIND SANDSTONE LOGS TO BE IN ACCORDANCE WITH GEOTECHNICAL SPECIFICATION (TBC).
10. MAINTENANCE PIT TO INCLUDE DROPBOARDS TO ALLOW ISOLATION OF THE WETLAND FROM THE SEDIMENT BASIN FOR PERIODIC MAINTENANCE. DROPBOARDS TO REMAIN IN OPEN POSITION FOR OPERATION
11. SEDIMENT BASIN ACCESS TRACK IN ACCORDANCE WITH AUSTROADS PUBLICATION (AP-G34-13) FOR A 9m SERVICE VEHICLE. PROVIDE CONCRETE ACCESS TO SEDIMENT BASIN RAMP. REMAINDER OF ACCESS TRACK TO BE CRUSHED ROCK OR ROADBASE.
12. WHERE ONLY PEDESTRIAN ACCESS PROVIDED TO SEDIMENT OUTLET CONTROL PIT AND MAINTENANCE PIT (TO MINIMISE LOSS OF TREATMENT AREA), PITS TO BE LOCATED WITHIN 5m OF VEHICLE ACCESS TRACK AND TRACK TO BE CONSTRUCTED OF CRUSHED SANDSTONE. WHERE VEHICLE ACCESS IS REQUIRED (TO FACILITATE ACCESS TO OTHER STRUCTURES) REFER TYPICAL SECTION ON AERO-RSI-WET-SK02
13. SEDIMENT BASIN TO BE 2m DEEP TO NWL.
14. WETLAND NWL = SEDIMENT BASIN NWL.
15. UNITS IN MILLIMETRES UNLESS OTHERWISE NOTED.



SECTION 2 SK02
SCALE 1:20

CONCEPT DESIGN ONLY

0 200 400 600 800 1000mm
SCALE 1:20 (A1), SCALE 1:40 (A3)
0 500 1000 1500 2000 2500mm
SCALE 1:50 (A1), SCALE 1:100 (A3)

DESIGNED	W.LEGG E&TS TEAM	26.10.22
DRAWN	D.TERZIS E&TS TEAM	26.10.22
VERIFIED	E&TS TEAM	
APPROVED	E&TS TEAM	

LETTER	DETAILS OF ISSUE	APP'D	DATE
1	WORK IN PROGRESS		

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Sydney WATER

RECOMMENDED
PROJECT ENGINEER SYDNEY WATER
ACCEPTED
PROJECT MANAGER SYDNEY WATER

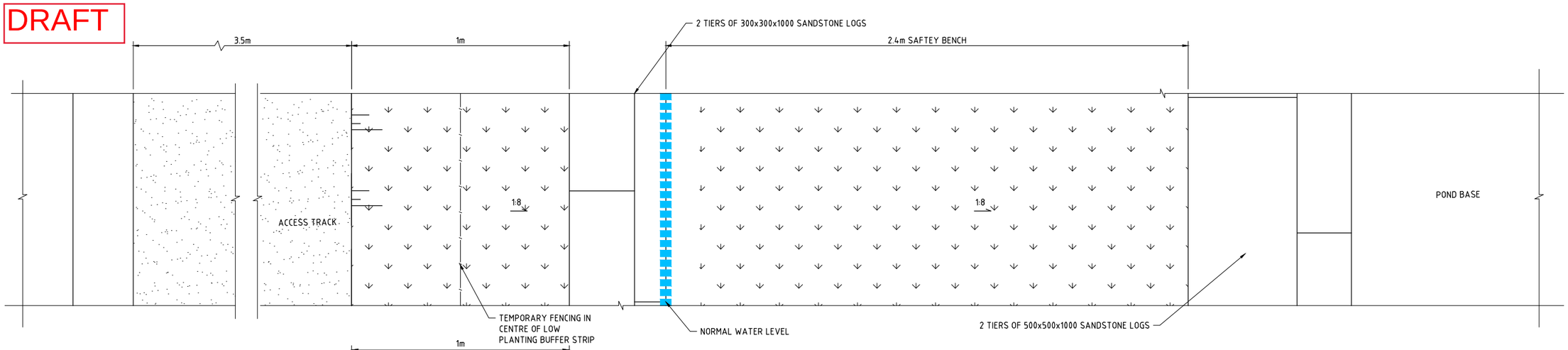
AEROTROPOLIS
REGIONAL STORMWATER INFRASTRUCTURE DESIGN GUIDELINE
SEDIMENT BASIN
EDGE DETAILS - SECTIONS

A1 | PROJ No. NISP0049 | DRAWING STATUS: PRELIMINARY FOR REVIEW

DRAWING No. AERO-RSI WET-SK03
DRAFT | SHEET No. 1.1

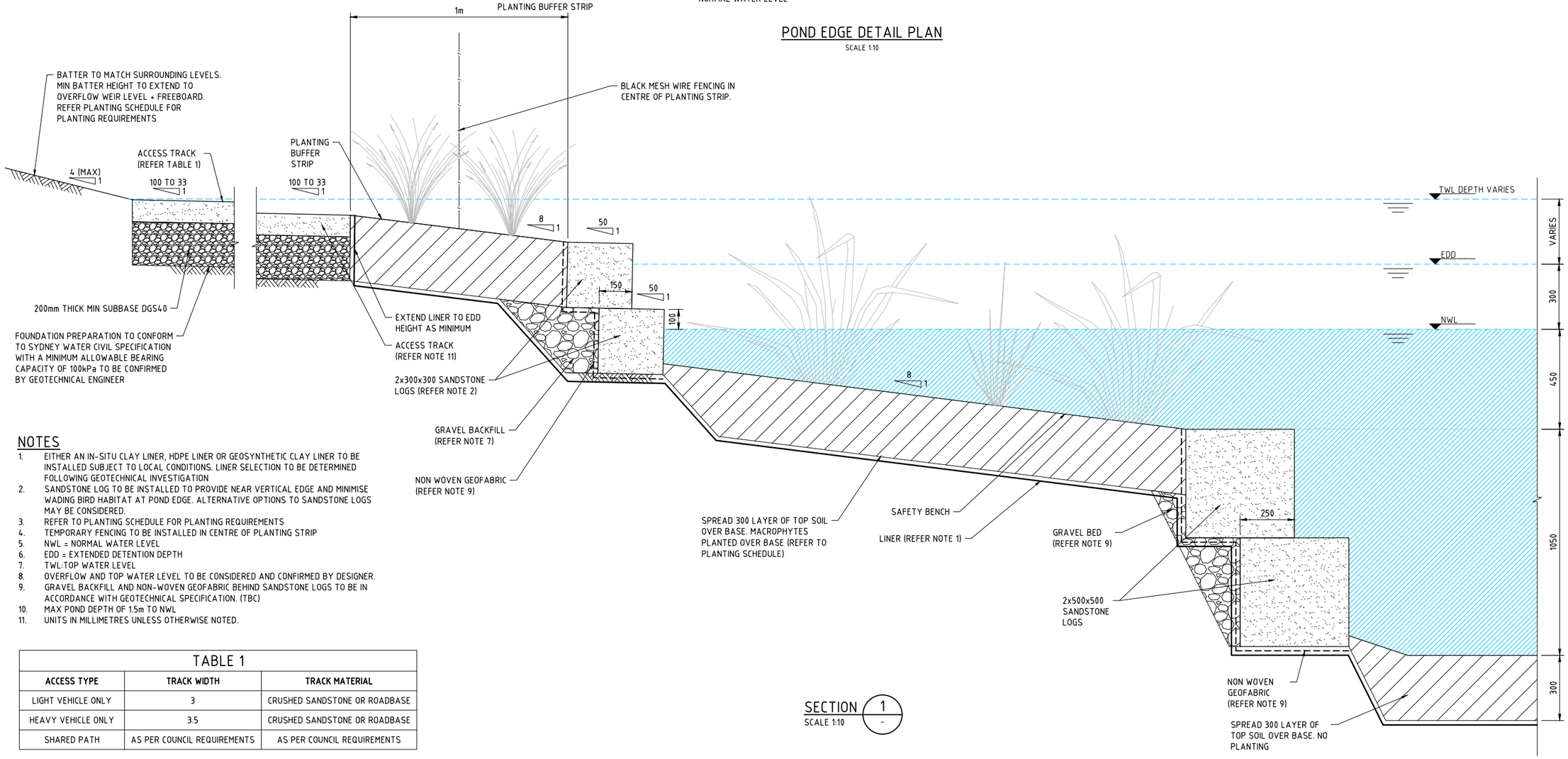
SWA1-EXT AUG 2014

DRAFT



POND EDGE DETAIL PLAN

SCALE 1:10



NOTES

1. EITHER AN IN-SITU CLAY LINER, HDPE LINER OR GEOSYNTHETIC CLAY LINER TO BE INSTALLED SUBJECT TO LOCAL CONDITIONS. LINER SELECTION TO BE DETERMINED FOLLOWING GEOTECHNICAL INVESTIGATION
2. SANDSTONE LOG TO BE INSTALLED TO PROVIDE NEAR VERTICAL EDGE AND MINIMISE WADING BIRD HABITAT AT POND EDGE. ALTERNATIVE OPTIONS TO SANDSTONE LOGS MAY BE CONSIDERED.
3. REFER TO PLANTING SCHEDULE FOR PLANTING REQUIREMENTS
4. TEMPORARY FENCING TO BE INSTALLED IN CENTRE OF PLANTING STRIP
5. NWL = NORMAL WATER LEVEL
6. EDD = EXTENDED DETENTION DEPTH
7. TWL:TOP WATER LEVEL
8. OVERFLOW AND TOP WATER LEVEL TO BE CONSIDERED AND CONFIRMED BY DESIGNER.
9. GRAVEL BACKFILL AND NON-WOVEN GEOFABRIC BEHIND SANDSTONE LOGS TO BE IN ACCORDANCE WITH GEOTECHNICAL SPECIFICATION. (TBC)
10. MAX POND DEPTH OF 1.5m TO NWL
11. UNITS IN MILLIMETRES UNLESS OTHERWISE NOTED.

TABLE 1

ACCESS TYPE	TRACK WIDTH	TRACK MATERIAL
LIGHT VEHICLE ONLY	3	CRUSHED SANDSTONE OR ROADBASE
HEAVY VEHICLE ONLY	3.5	CRUSHED SANDSTONE OR ROADBASE
SHARED PATH	AS PER COUNCIL REQUIREMENTS	AS PER COUNCIL REQUIREMENTS

SECTION 1

SCALE 1:10

0 100 200 300 400 500mm
SCALE 1:10 (A1), SCALE 1:20 (A3)

0 500 1000 1500 2000 2500mm
SCALE 1:50 (A1), SCALE 1:100 (A3)

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DRAWN	D.TERZIS E&TS TEAM	26.10.22
VERIFIED	E&TS TEAM	
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PROJECT ENGINEER SYDNEY WATER

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PROJECT MANAGER SYDNEY WATER

AEROTROPOLIS
REGIONAL STORMWATER INFRASTRUCTURE DESIGN GUIDELINE
POND EDGE DETAIL

A1 | PROJ No. NISP0049 | DRAWING STATUS: PRELIMINARY FOR REVIEW

DRAWING No. AERO-RSI PON-SK01

DRAFT | SHEET No. 1.1

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