SEDIMENT BASIN (BS-1) UPGRADE SEQUENCE

STEP 1

FOLLOWING THE REMOVAL OF THE EXISTING CONVEYOR BELT SYSTEM, INSTALL THE TAILINGS PIPELINE BETWEEN THE EXISTING TAILINGS THICKENER AND SEDIMENT BASIN (BS-1) AT THE NEW PROCESSING PLANT AREA, AS SHOWN.

LEGEND

- ACTIVITY AREA
- EXISTING TAILINGS PIPELINE BETWEEN THE TSF AND EXISTING TAILINGS THICKENER
- NEW TAILINGS PIPELINE BETWEEN THE EXISTING TAILINGS THICKENER AND NEW PROCESSING PLANT
- ROAD CENTRELINE

NOTE

NOT ALL DRAINAGE LINES ARE SHOWN FOR THE CLARITY. REFER TO DRAWING NO. 1026/201 FOR PROPOSED STORMWATER MANAGEMENT MEASURES DURING THE OPERATIONAL PHASE.

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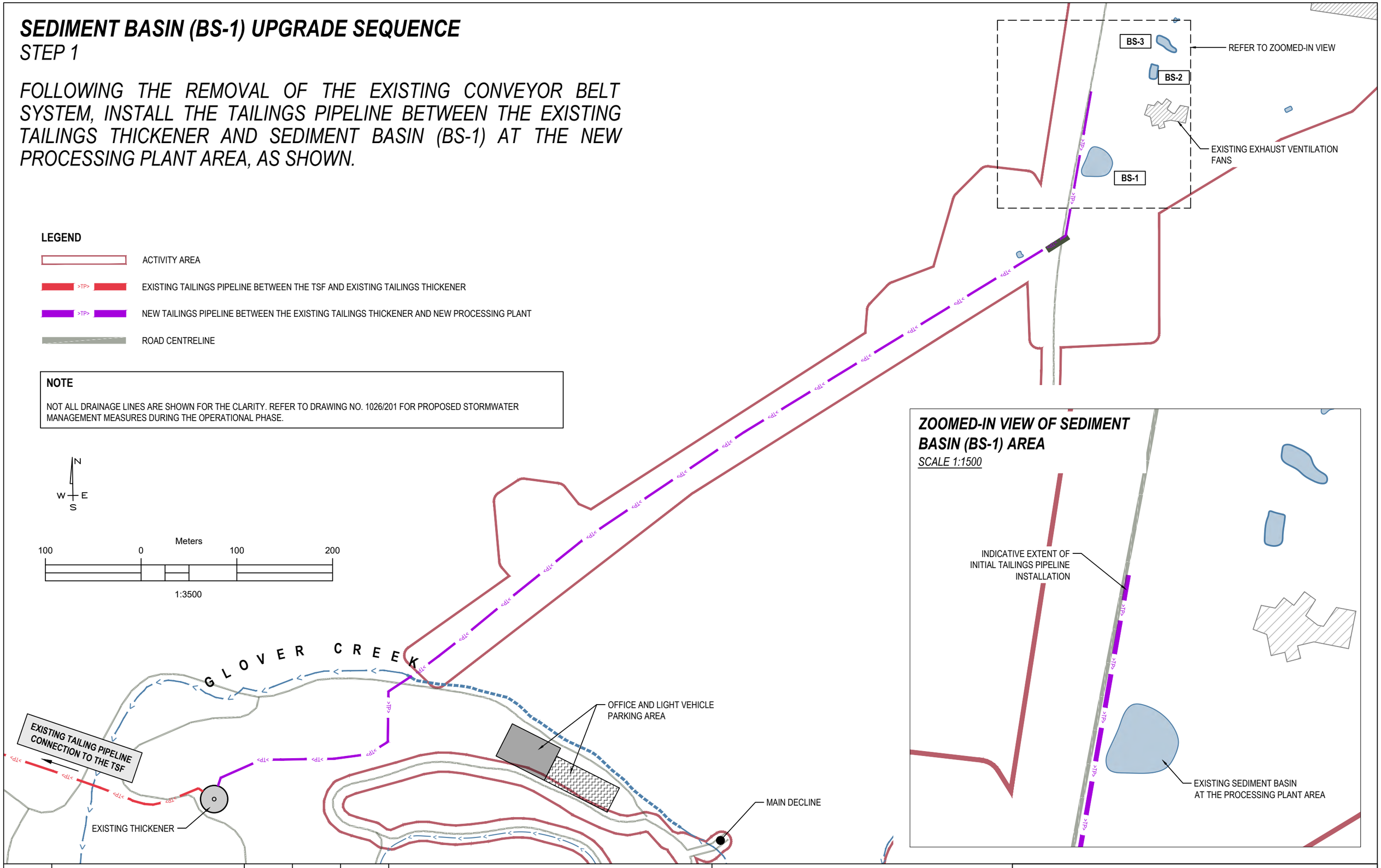

ZOOMED-IN VIEW OF SEDIMENT BASIN (BS-1) AREA

SCALE 1:1500

REV.	DESCRIPTION	DATE	DRAFTED	REVIEWED
A	INITIAL PLAN	02/06/2026	S.I.	C.M.

REVISION HISTORY

CLIENT: SIBANYE STILLWATER AUSTRALIA OPERATIONS PTY LTD

ADDRESS/LOCATION: MT LYELL COPPER MINE, QUEENSTOWN

HORIZONTAL/VERTICAL DATUM: MGA ZONE 55 GDA94 / AHD

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED

DO NOT SCALE FROM THE DRAWING.

PROJECT NUMBER: 1026

A3

SEDIMENT BASIN (BS-1) UPGRADE SEQUENCE

STEP 1

DRAWING NUMBER: 1026/500

Van Diemen CONSULTING

SEDIMENT BASIN (BS-1) UPGRADE SEQUENCE

STEP 2

- *INSTALL THE ELECTRIC PUMP (PUMP 1), INCLUDING A BACKUP DIESEL GENERATOR, AT SEDIMENT BASIN BS-1. CONNECT THE PUMP 1 DISCHARGE PIPE TO THE TAILINGS PIPELINE END, AS SHOWN.*
- *THE LOCATION OF PUMP 1 IS INDICATIVE ONLY. THE FINAL LOCATION TO SELECT ON SITE TO SUIT GROUND CONDITIONS AND CONSTRUCTION REQUIREMENTS.*

NOTE

NOT ALL DRAINAGE LINES ARE SHOWN FOR THE CLARITY. REFER TO DRAWING NO. 1026/201 FOR PROPOSED STORMWATER MANAGEMENT MEASURES DURING THE OPERATIONAL PHASE.

LEGEND

- ACTIVITY AREA
- EXISTING TAILINGS PIPELINE BETWEEN THE TSF AND EXISTING TAILINGS THICKENER
- NEW TAILINGS PIPELINE BETWEEN THE EXISTING TAILINGS THICKENER AND NEW PROCESSING PLANT
- TREATED STORMWATER PIPELINE FROM SEDIMENT BASIN
- ROAD CENTRELINE

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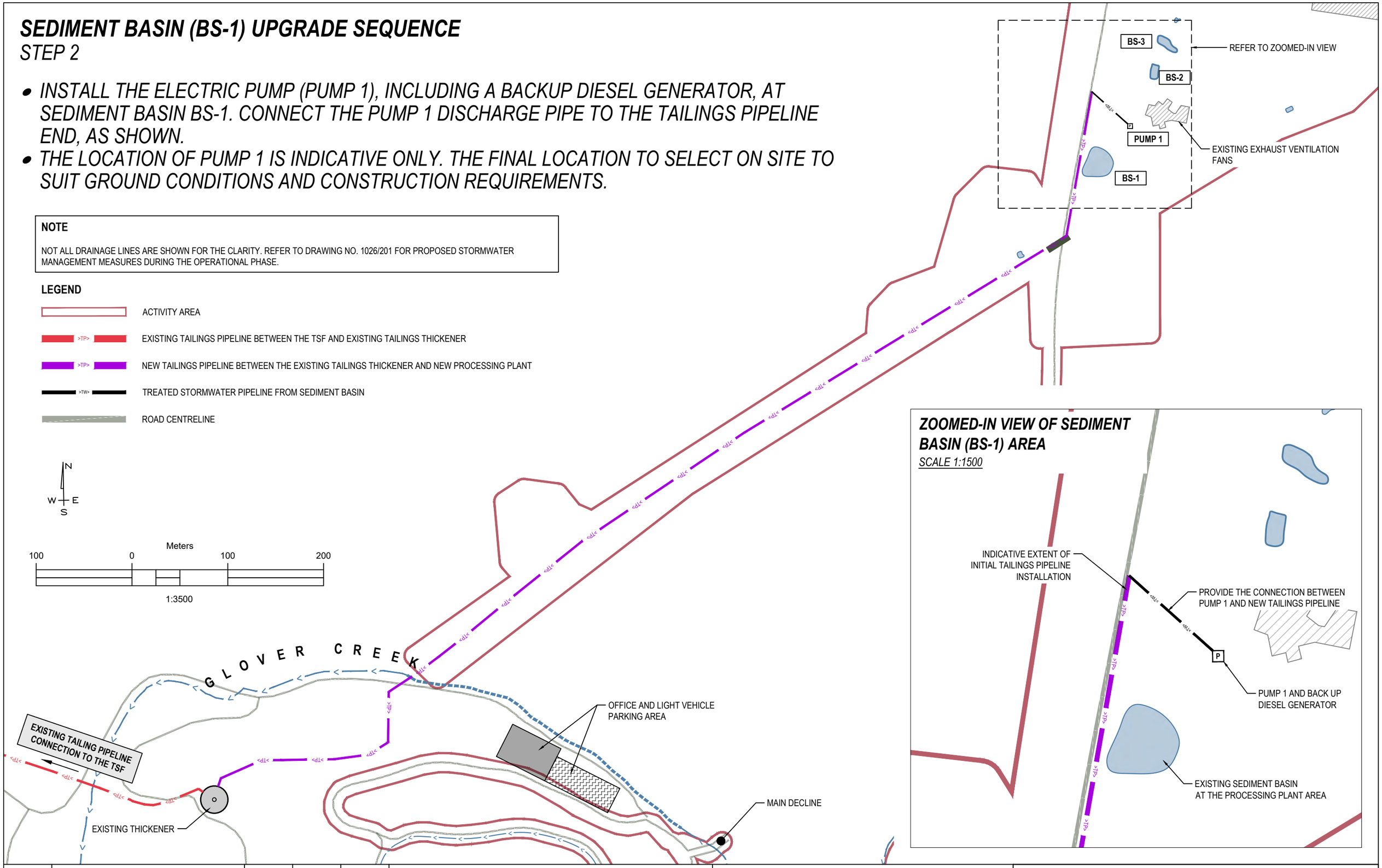

ZOOMED-IN VIEW OF SEDIMENT BASIN (BS-1) AREA

SCALE 1:1500

					CLIENT: SIBANYE STILLWATER AUSTRALIA OPERATIONS PTY LTD
					ADDRESS/LOCATION: MT LYELL COPPER MINE, QUEENSTOWN
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A	INITIAL PLAN	02/06/2026	S.I.	C.M.	ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED
REV.	DESCRIPTION	DATE	DRAFTED	REVIEWED	DO NOT SCALE FROM THE DRAWING.
REVISION HISTORY					PROJECT NUMBER: 1026 A3

SEDIMENT BASIN (BS-1) UPGRADE SEQUENCE
STEP 2

DRAWING NUMBER: 1026/501

Van Diemen CONSULTING

SEDIMENT BASIN (BS-1) UPGRADE SEQUENCE

STEP 3

- *FOLLOWING THE STEP 2, UPGRADE THE SEDIMENT BASIN TO MEET DESIGN CAPACITY.*
- *CONSTRUCT THE CONCRETE SPILLWAY*
- *INSTALL THE SUCTION PIPE TO THE SEDIMENT BASIN INCLUDING THE FLOATING SWITCH.*
- *FLOATING SWITCH TRIGGER LEVEL WILL BE 300mm BELOW THE EMERGENCY SPILLWAY INVERT LEVEL.*

NOTE

NOT ALL DRAINAGE LINES ARE SHOWN FOR THE CLARITY. REFER TO DRAWING NO. 1026/201 FOR PROPOSED STORMWATER MANAGEMENT MEASURES DURING THE OPERATIONAL PHASE.

LEGEND

- ACTIVITY AREA
- >TP> EXISTING TAILINGS PIPELINE BETWEEN THE TSF AND EXISTING TAILINGS THICKENER
- >TP> NEW TAILINGS PIPELINE BETWEEN THE EXISTING TAILINGS THICKENER AND NEW PROCESSING PLANT
- >TW> TREATED STORMWATER PIPELINE FROM SEDIMENT BASIN
- ROAD CENTRELINE

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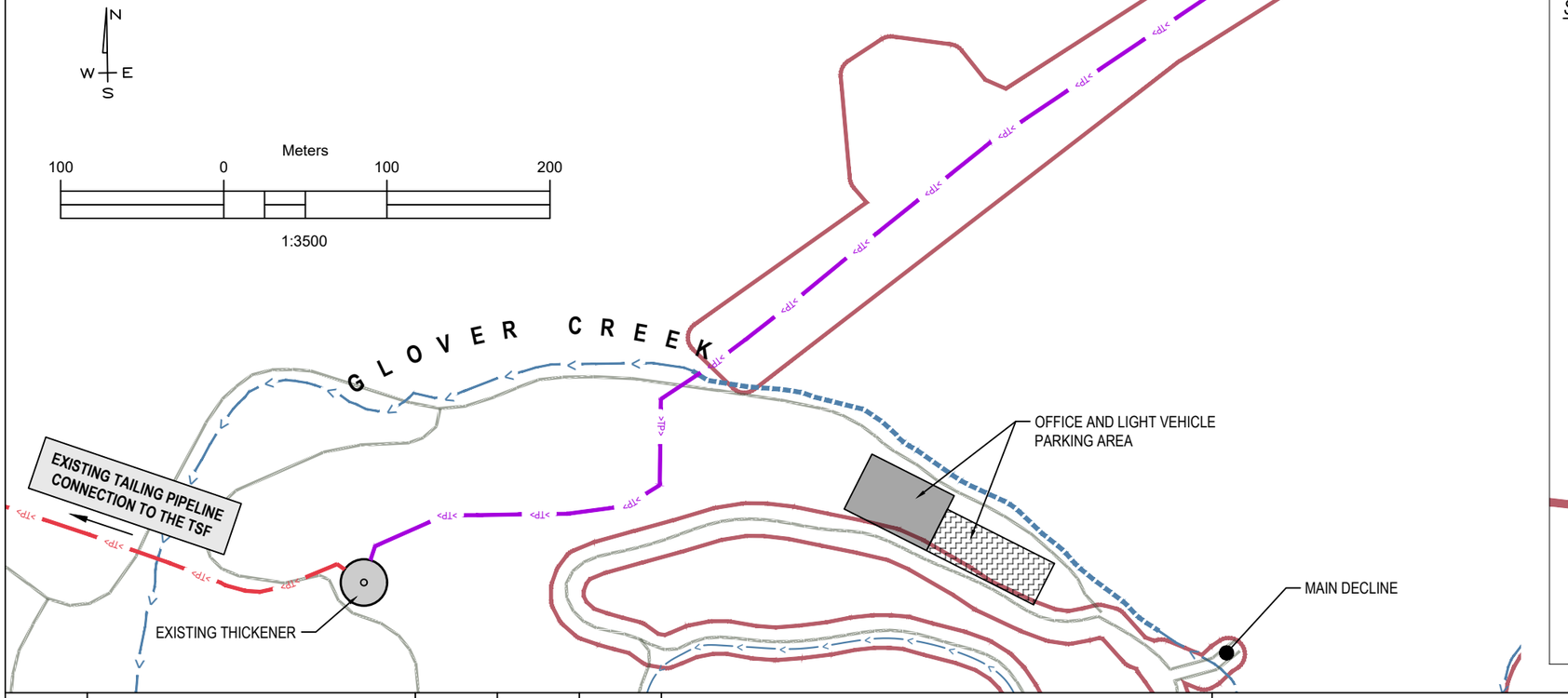

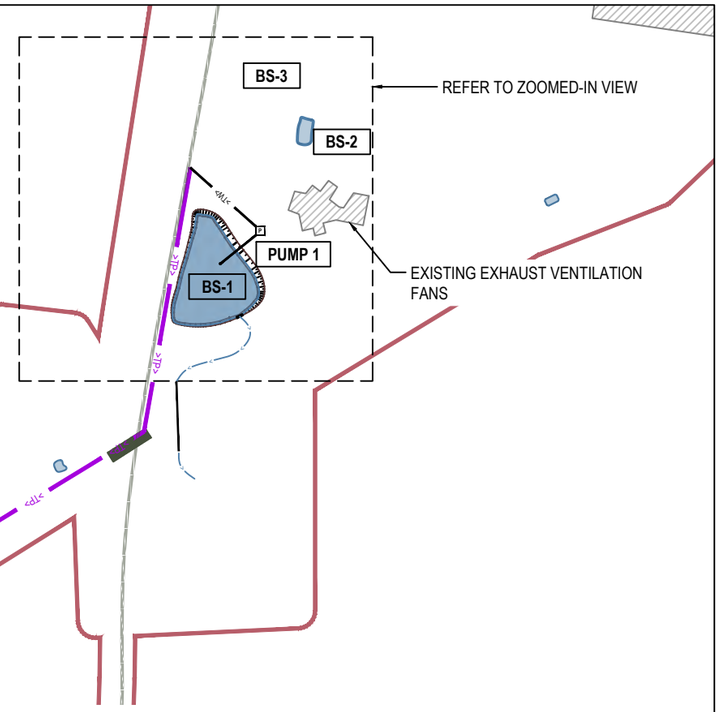

ZOOMED-IN VIEW OF SEDIMENT BASIN (BS-1) AREA

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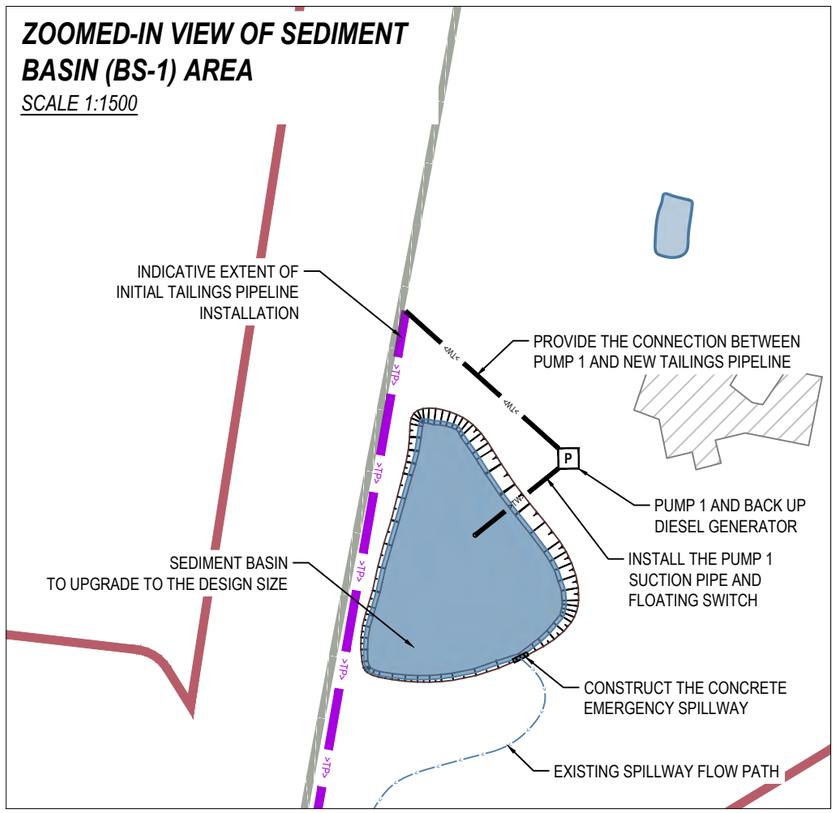

REV.	DESCRIPTION	DATE	DRAFTED	REVIEWED
A	INITIAL PLAN	02/06/2026	S.I.	C.M.

REVISION HISTORY

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DO NOT SCALE FROM THE DRAWING.

PROJECT NUMBER: 1026

A3

SEDIMENT BASIN (BS-1) UPGRADE SEQUENCE

STEP 3

DRAWING NUMBER: 1026/502

Van Diemen CONSULTING

SEDIMENT BASIN (BS-1) UPGRADE SEQUENCE

STEP 4

- *FOLLOWING COMPLETION OF STEP 3, PROCEED WITH THE CONSTRUCTION PHASE.*
- *ENSURE ALL EROSION AND SEDIMENT CONTROL MEASURES RECOMMENDED IN THE CONSTRUCTION EROSION AND SEDIMENT CONTROL PLAN (CESCP) ARE IMPLEMENTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, INCLUDING PERIMETER BUNDS, DIVERSION CHANNELS, AND OTHER REQUIRED CONTROLS.*
- *ONCE ALL REQUIRED CONTROLS ARE IN PLACE, PROCEED WITH THE CONSTRUCTION PHASE.*

NOTE

NOT ALL DRAINAGE LINES ARE SHOWN FOR THE CLARITY. REFER TO DRAWING NO. 1026/201 FOR PROPOSED STORMWATER MANAGEMENT MEASURES DURING THE OPERATIONAL PHASE.

LEGEND

- ACTIVITY AREA
- EXISTING TAILINGS PIPELINE BETWEEN THE TSF AND EXISTING TAILINGS THICKENER
- NEW TAILINGS PIPELINE BETWEEN THE EXISTING TAILINGS THICKENER AND NEW PROCESSING PLANT
- TREATED STORMWATER PIPELINE FROM SEDIMENT BASIN
- ROAD CENTRELINE
- DRAINAGE LINES (POTENTIALLY AMD CONTAMINATED)
- DRAINAGE LINES (NON-CONTAMINATED WITH AMD)

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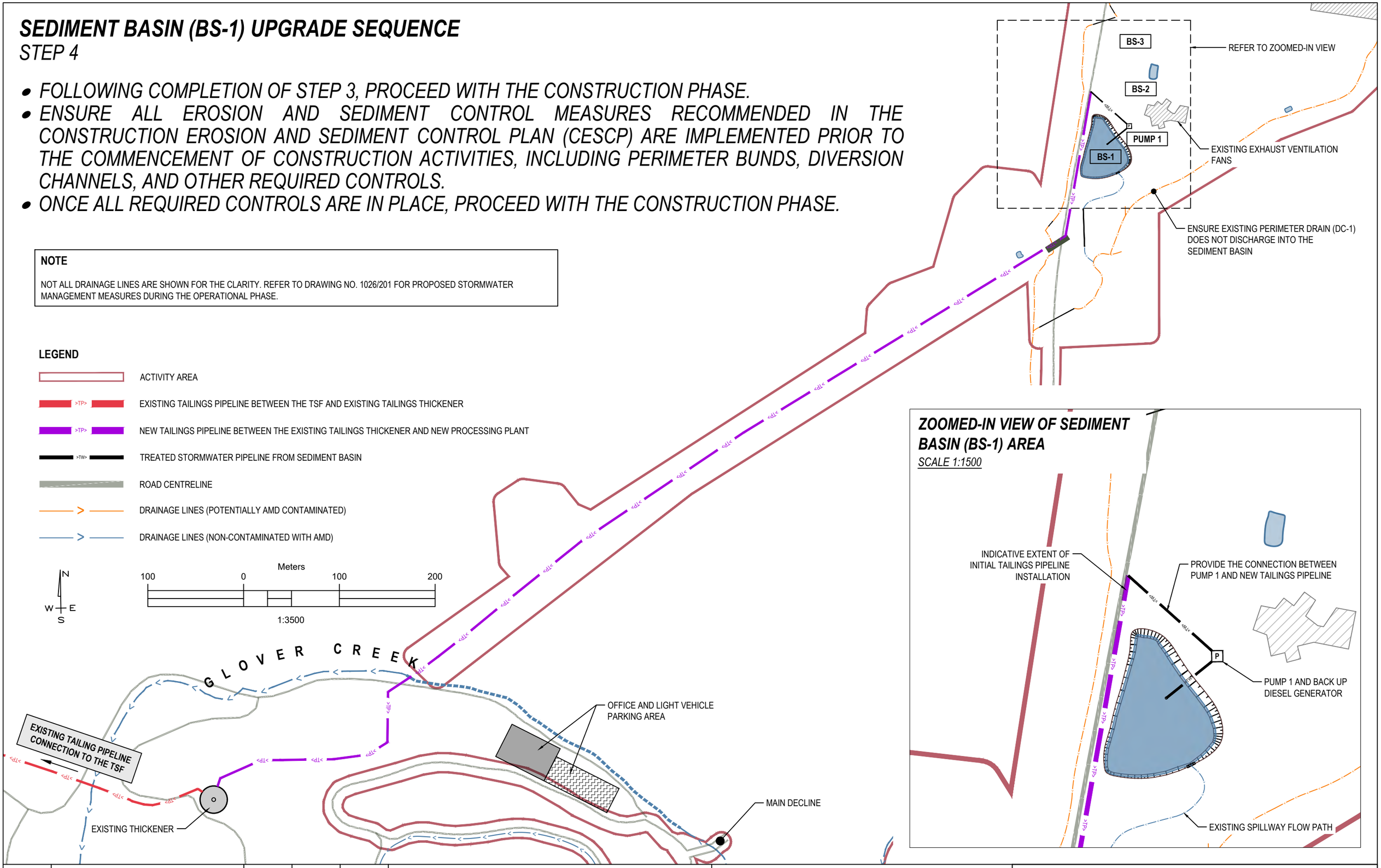

ZOOMED-IN VIEW OF SEDIMENT BASIN (BS-1) AREA

SCALE 1:1500

REV.	DESCRIPTION	DATE	DRAFTED	REVIEWED
A	INITIAL PLAN	02/06/2026	S.I.	C.M.

REVISION HISTORY

CLIENT: SIBANYE STILLWATER AUSTRALIA OPERATIONS PTY LTD
ADDRESS/LOCATION: MT LYELL COPPER MINE, QUEENSTOWN
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PROJECT NUMBER: 1026

A3

SEDIMENT BASIN (BS-1) UPGRADE SEQUENCE
STEP 4

DRAWING NUMBER: 1026/503

Van Diemen CONSULTING

SEDIMENT BASIN (BS-1) UPGRADE SEQUENCE

STEP 5

- *FOLLOWING CONSTRUCTION OF THE NEW PROCESSING PLANT AND ASSOCIATED INFRASTRUCTURE, CONNECT THE PUMP 1 TO THE PROCESS WATER TANK OF THE NEW PROCESSING PLANT.*
- *CONNECT THE TAILINGS PIPELINE TO THE TAILINGS THICKENER.*
- *INSTALL PUMP 2 AND PROVIDE A CONNECTION TO THE HEADER TANK.*
- *INSTALL THE RAW WATER SUPPLY PIPELINE AND CONCENTRATE PIPELINE IN ACCORDANCE WITH THE DESIGN DRAWINGS.*

NOTE

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LEGEND

- ACTIVITY AREA
- EXISTING TAILINGS PIPELINE BETWEEN THE TSF AND EXISTING TAILINGS THICKENER
- NEW TAILINGS PIPELINE BETWEEN THE EXISTING TAILINGS THICKENER AND NEW PROCESSING PLANT
- HAUL ROAD CENTRELINE
- CONCENTRATE PIPELINE
- RAW WATER SUPPLY PIPELINE
- DRAINAGE LINES (POTENTIALLY AMD CONTAMINATED)
- DRAINAGE LINES (NON-CONTAMINATED WITH AMD)

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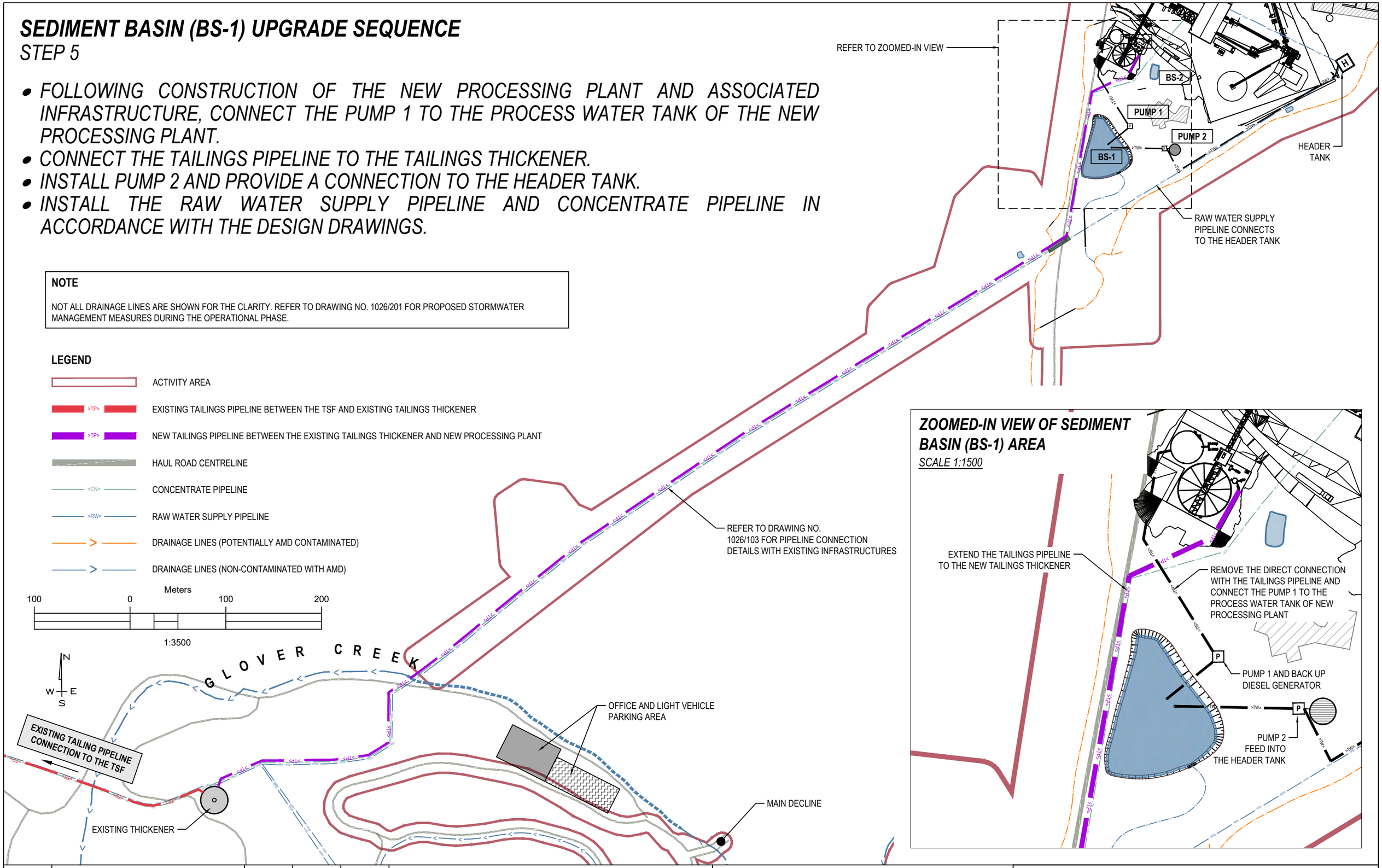

ZOOMED-IN VIEW OF SEDIMENT BASIN (BS-1) AREA

SCALE 1:1500

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SEDIMENT BASIN (BS-1) UPGRADE SEQUENCE
STEP 5

DRAWING NUMBER: 1026/504

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