1308401C - TAMWORTH MENTAL HEALTH UNIT
DEAN STREET, TAMWORTH NSW
CIVIL & STORMWATER

DRAWING No.	DESCRIPTION
13084-01-C101	EARLY WORKS COVER PAGE AND DRAWING REGISTER
13084-01-C102	EARLY WORKS CONSTRUCTION NOTES
13084-01-C104	EARLY WORKS SEDIMENT & EROSION CONTROL PLAN - ZONE 2 - CARPARK B (NW) - SHEET 1
13084-01-C105	EARLY WORKS SEDIMENT & EROSION CONTROL PLAN - ZONE 1 - CARPARK D (NE) - SHEET 2
13084-01-C106	EARLY WORKS SEDIMENT & EROSION CONTROL PLAN - ZONE 3 - CARPARK A ROAD (SOUTH) - SHEET 3
13084-01-C107	EARLY WORKS SEDIMENT & EROSION CONTROL PLAN - ZONE 4 - CARPARK A (SOUTH) - SHEET 4
13084-01-C108	EARLY WORKS SEDIMENT & EROSION CONTROL DETAILS
13084-01-C111	EARLY WORKS BULK EARTHWORKS PLAN - ZONE 2 - CARPARK B (NW) - SHEET 1
13084-01-C112	EARLY WORKS BULK EARTHWORKS PLAN - ZONE 1 - CARPARK D (NE) - SHEET 2
13084-01-C113	EARLY WORKS BULK EARTHWORKS PLAN - ZONE 3 - CARPARK A ROAD (SOUTH) - SHEET 3
13084-01-C114	EARLY WORKS BULK EARTHWORKS PLAN - ZONE 4 - CARPARK A (SOUTH) - SHEET 4
13084-01-C115	EARLY WORKS BULK EARTHWORKS LONGITUDINAL SECTIONS
13084-01-C131	EARLY WORKS SITEWORKS PLAN - ZONE 2 - CARPARK B (NW) - SHEET 1
13084-01-C132	EARLY WORKS SITEWORKS PLAN - ZONE 1 - CARPARK D (NE) - SHEET 2
13084-01-C133	EARLY WORKS SITEWORKS PLAN - ZONE 3 - CARPARK A ROAD (SOUTH) - SHEET 3
13084-01-C134	EARLY WORKS SITEWORKS PLAN - ZONE 4 - CARPARK A (SOUTH) - SHEET 4
13084-01-C141	EARLY WORKS SITEWORKS DETAILS
13084-01-C151	EARLY WORKS ZONE 2 - CARPARK B (NW) - ON-SITE DETENTION TANK DETAILS - SHEET 1
13084-01-C152	EARLY WORKS ZONE 1 - CARPARK D (NE) - ON-SITE DETENTION TANK DETAILS
13084-01-C153	EARLY WORKS ZONE 4 - CARPARK A (SOUTH) - ON-SITE DETENTION TANK DETAILS
13084-01-C154	EARLY WORKS ZONE 2 - CARPARK B (NW) - ON-SITE DETENTION TANK DETAILS - SHEET 2
13084-01-C155	EARLY WORKS - ON-SITE DETENTION TANK DETAILS
13084-01-C170	EARLY WORKS PAVEMENT DETAILS

LOCALITY PLAN

NOT TO SCALE

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P3	ISSUED FOR TENDER	02.12.22	DH	YC
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P1	ISSUED FOR COORDINATION	28.10.21	DH	YC

Rev	Description	Date	By	App

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

Drawing Title: EARLY WORKS COVER PAGE AND DRAWING REGISTER

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	-	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C101
		Rev	P4

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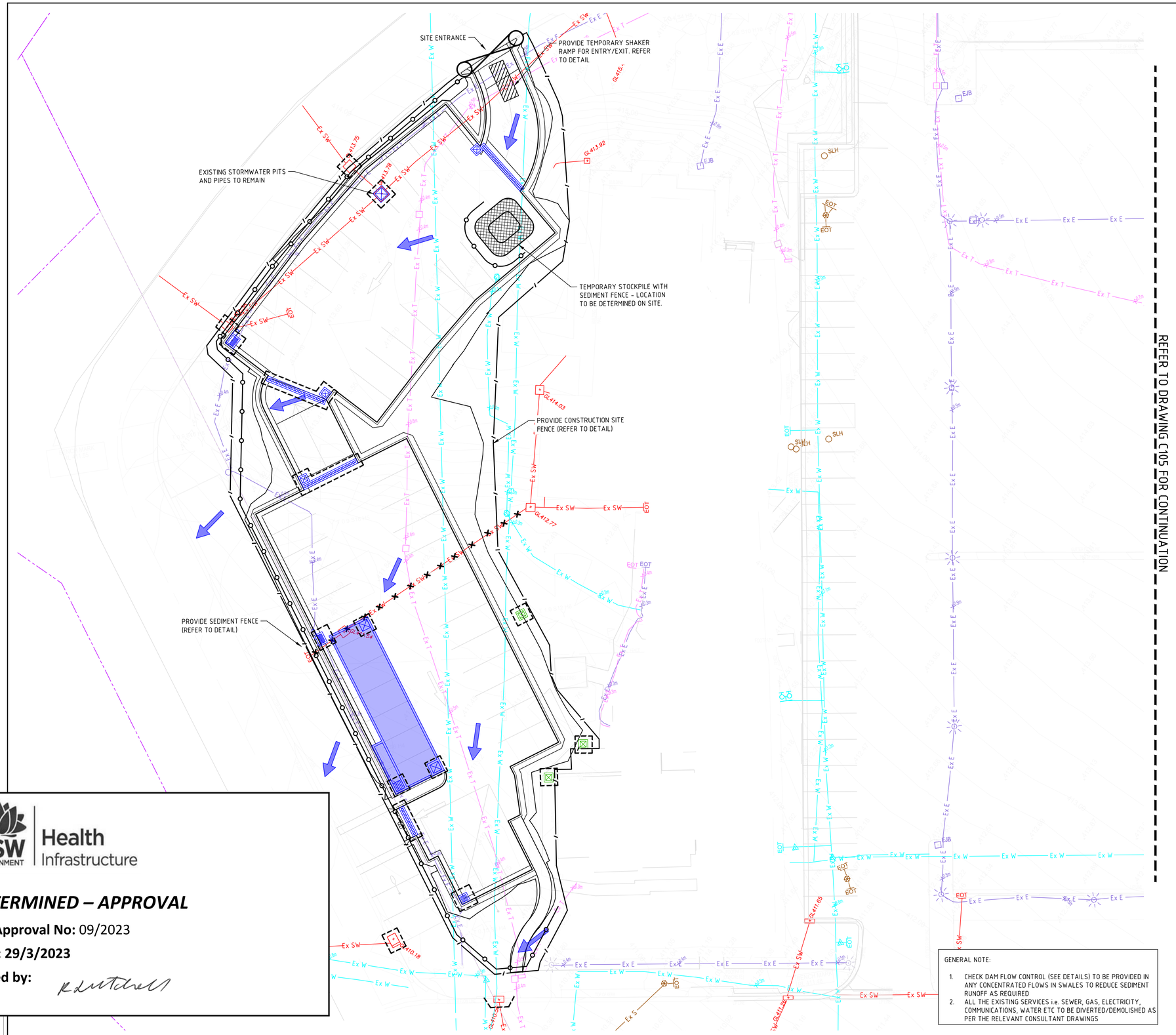

GENERAL NOTE:

1. CHECK DAM FLOW CONTROL (SEE DETAILS) TO BE PROVIDED IN ANY CONCENTRATED FLOWS IN SWALES TO REDUCE SEDIMENT RUNOFF AS REQUIRED
2. ALL THE EXISTING SERVICES i.e. SEWER, GAS, ELECTRICITY, COMMUNICATIONS, WATER ETC TO BE DIVERTED/DEMOLISHED AS PER THE RELEVANT CONSULTANT DRAWINGS

SOIL AND WATER MANAGEMENT NOTES

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SEDIMENT CONTROL CONDITIONS

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5. ANY REMEDIAL WORKS TO BE UNDERTAKEN

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- SITE BOUNDARY
- EX SURFACE LEVEL
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- SITE ACCESS GATE
- TEMPORARY STOCKPILE (LOCATION TBC ON-SITE)

NSW GOVERNMENT | Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW EARLY WORKS SEDIMENT AND

Drawing Title: EROSION CONTROL PLAN ZONE 2 - CARPARK B (NW) SHEET 1

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C104
		Rev	P4

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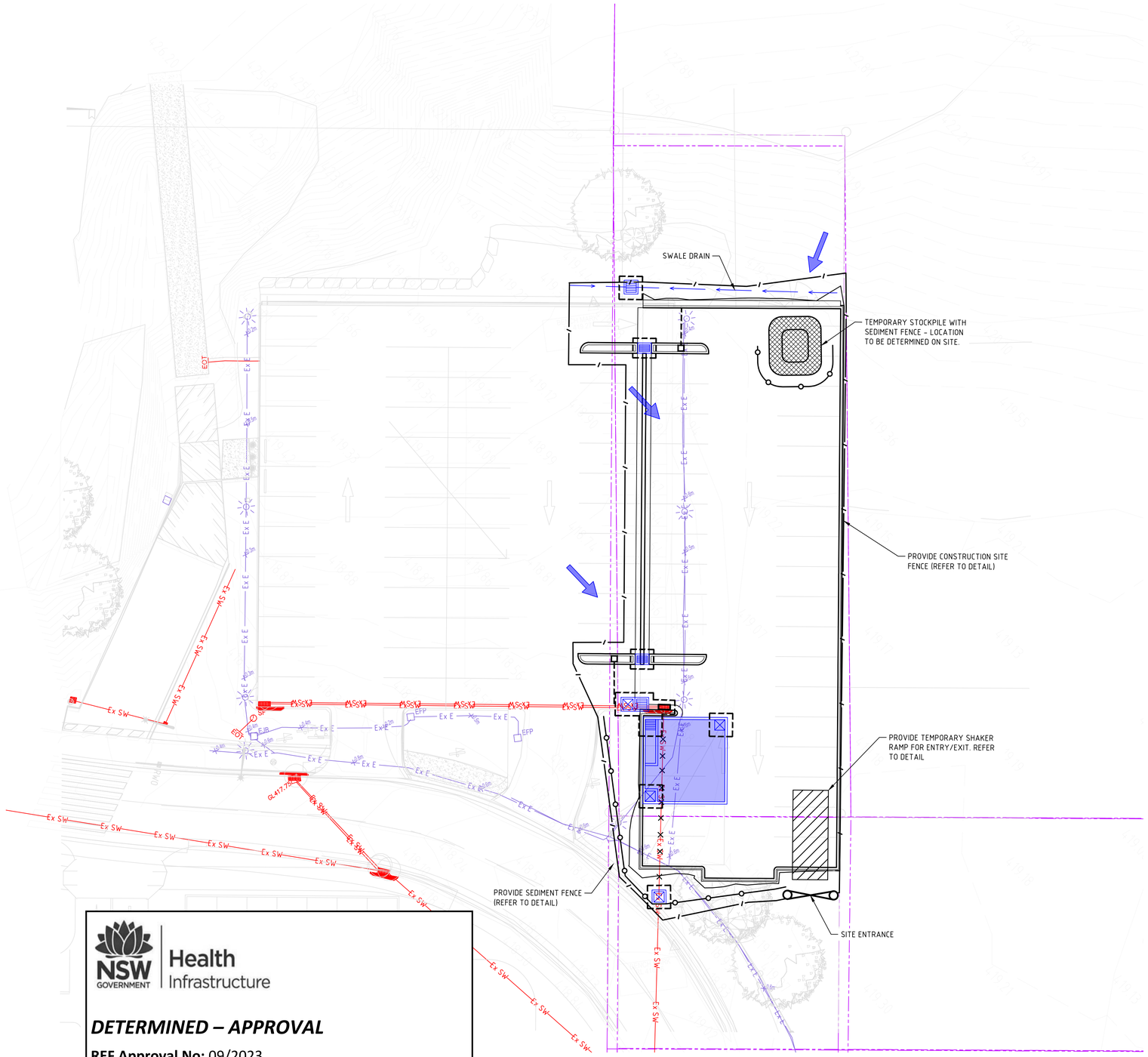

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NSW GOVERNMENT | Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by: R Mitchell

GENERAL NOTE:

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW EARLY WORKS SEDIMENT AND

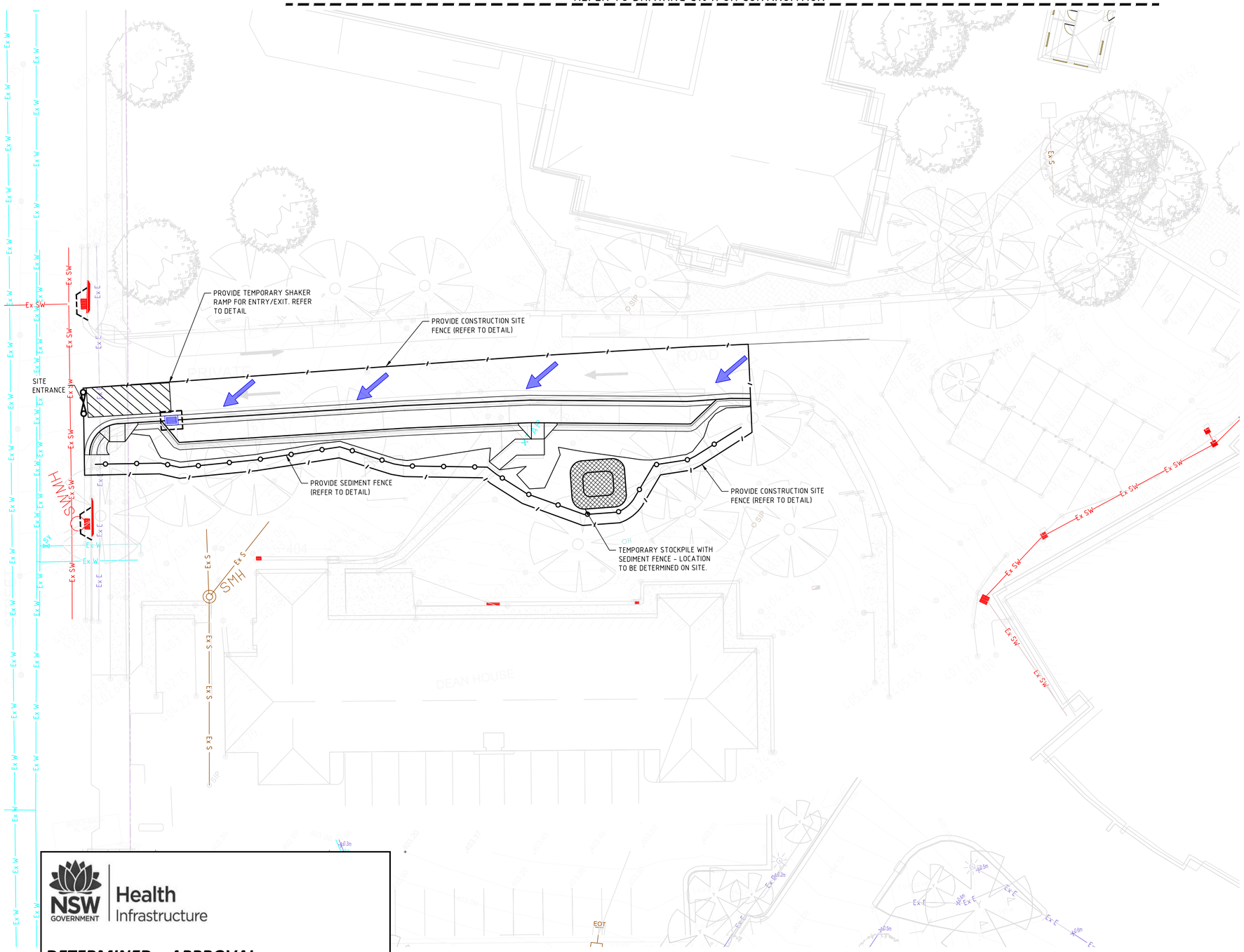
Drawing Title: EROSION CONTROL PLAN ZONE 1 - CARPARK D (NE) SHEET 2

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C105
		Rev	P4

File: Plotted: 11.01.23 at 8:15 PM By: Danjay Herrera

REFER TO DRAWING C104FOR CONTINUATION



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NSW GOVERNMENT Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

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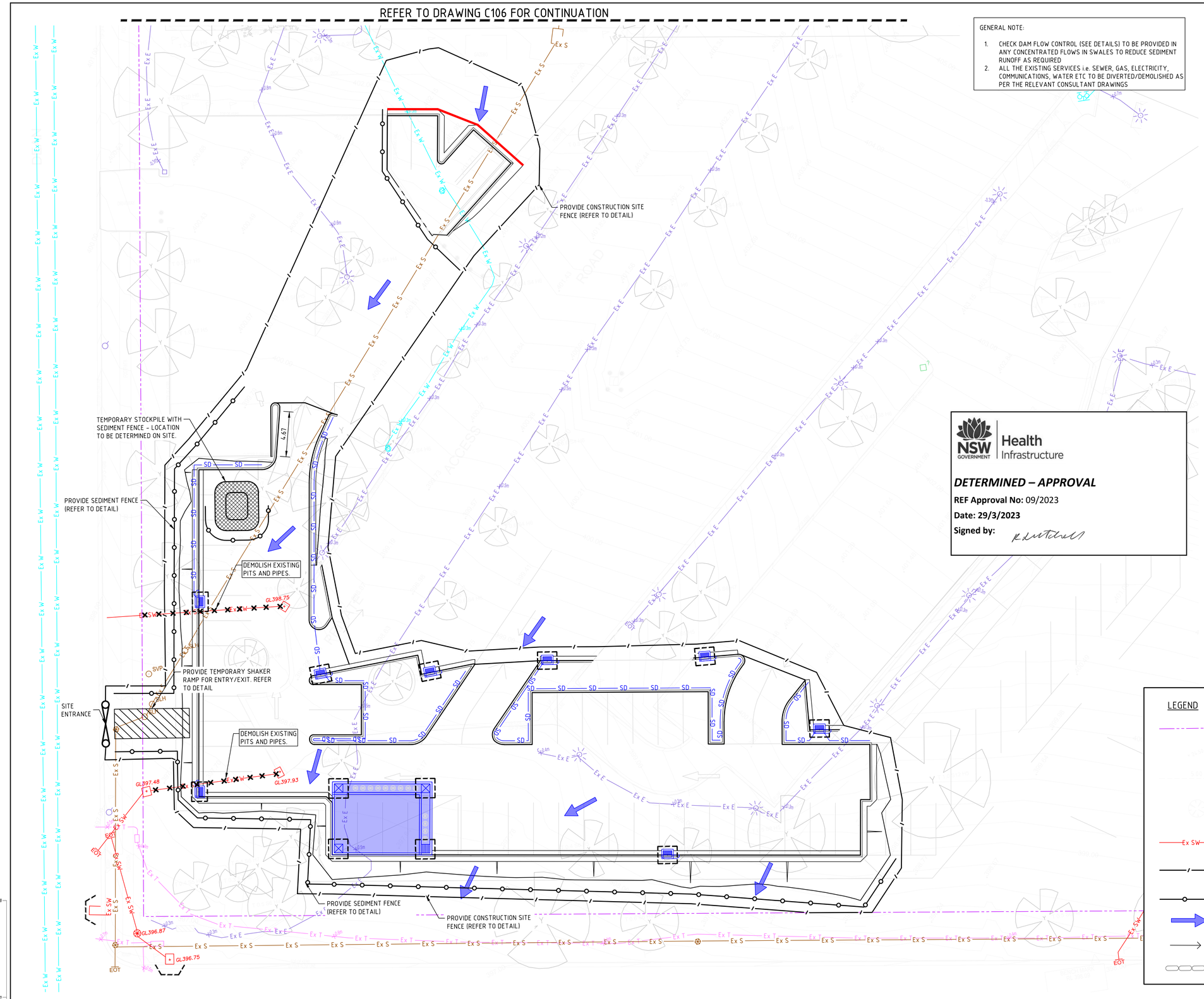
Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW EARLY WORKS SEDIMENT AND

Drawing Title: EROSION CONTROL PLAN ZONE 3 - CARPARK A ROAD (SOUTH) SHEET 3

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C106
		Rev	P4

File: Plotted: 11.01.23 at 6:17 PM By: Danjay Herrera



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2. SEDIMENT REMOVED FROM ANY TRAPPING DEVICE WILL BE RELOCATED WHERE FURTHER POLLUTION TO DOWNSLOPE LANDS & WATERWAYS CANNOT OCCUR.
3. STOCKPILES WILL BE PLACED WHERE SHOWN ON DRAWING OR ELSEWHERE AT THE DISCRETION OF THE SITE MANAGER AND NOT WITHIN 5m OF HAZARD AREAS INCLUDING LIKELY AREAS OF HIGH VELOCITY FLOWS SUCH AS WATERWAYS, PAVED AREAS & DRIVEWAYS.
4. WATER WILL BE PREVENTED FROM DIRECTLY ENTERING THE PERMANENT DRAINAGE SYSTEM WITH INLET FILTERS (SEE DETAILS) UNLESS IT IS SEDIMENT FREE.
5. TEMPORARY SEDIMENT TRAPS WILL BE RETAINED UNTIL AFTER THE LANDS THEY ARE PROTECTING ARE COMPLETELY REHABILITATED.

SITE INSPECTION & MAINTENANCE CONDITIONS

THE SITE MANAGER WILL INSPECT THE SITE AT LEAST WEEKLY AND WILL:

1. ENSURE THAT DRAINS OPERATE PROPERLY & TO EFFECT ANY NECESSARY REPAIRS
2. REMOVE SPILLED SAND OR OTHER MATERIALS FROM HAZARD AREAS, INCLUDING LANDS CLOSER THAN 5m FROM AREAS OF LIKELY CONCENTRATED OR HIGH VELOCITY FLOWS ESPECIALLY WATERWAYS & PAVED AREAS.
3. REMOVE TRAPPED SEDIMENT WHENEVER LESS THAN DESIGN CAPACITY REMAINS WITHIN THE STRUCTURE
4. ENSURE REHABILITATED LANDS HAVE EFFECTIVELY REDUCED THE EROSION HAZARD AND TO INITIATE UPGRADING OR REPAIR AS APPROPRIATE.
5. CONSTRUCT ADDITIONAL EROSION AND/OR SEDIMENT CONTROL WORKS AS MIGHT BECOME NECESSARY TO ENSURE THE DESIRED PROTECTION IS GIVEN TO DOWNSLOPE LANDS AND WATERWAYS.
6. MAINTAIN EROSION & SEDIMENT CONTROL MEASURES IN A FULLY FUNCTIONING CONDITION UNTIL ALL EARTHWORK ACTIVITIES ARE COMPLETED AND THE SITE IS REHABILITATED.
7. REMOVE TEMPORARY SOIL CONSERVATION STRUCTURES AS THE LAST ACTIVITY IN THE REHABILITATION PROGRAM.

AS PART OF THE STATUTORY 'DILIGENCE OF CARE' RESPONSIBILITIES, THE SITE MANAGER WILL KEEP A LOGBOOK MAKING ENTRIES AT LEAST WEEKLY, IMMEDIATELY BEFORE FORECAST RAIN AND AFTER RAINFALL.
ENTRIES WILL INCLUDE:

1. THE VOLUME & INTENSITY OF ANY RAINFALL EVENTS
2. THE CONDITION OF ANY SOIL & WATER MANAGEMENT WORKS
3. THE CONDITION OF VEGETATION & ANY NEED TO IRRIGATE
4. THE NEED FOR DUST PREVENTION STRATEGIES
5. ANY REMEDIAL WORKS TO BE UNDERTAKEN

THE BOOK WILL BE KEPT ONSITE & MADE AVAILABLE TO ANY AUTHORISED PERSON ON REQUEST. IT WILL BE GIVEN TO THE PROJECT MANAGER AT THE CONCLUSION OF WORKS.

LEGEND

- SITE BOUNDARY
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED PENDING ARBORIST CONFIRMATION
- EXISTING STORMWATER DRAINAGE LINE
- HOARDING OR SITE FENCE
- SEDIMENT FENCE
- OVERLAND FLOW
- SWALE DRAIN
- STRAW BALE
- GEOTEXTILE PIT FILTER / FILTER SURROUND INSTALLED ON EXISTING PIT
- SANDBAGS INSTALLED ON EXISTING PIT
- SURFACE INLET PIT
- JUNCTION PIT
- GRATED DRAIN
- TEMPORARY SHAKER RAMP FOR ENTRY/EXIT
- SITE ACCESS GATE
- TEMPORARY STOCKPILE (LOCATION TBC ON-SITE)

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Rev	Description	Date	By	App
P4	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P3	ISSUED FOR TENDER	02.12.22	DH	YC
P2	ISSUED FOR COORDINATION	11.11.22	DH	YC
P1	ISSUED FOR COORDINATION	28.10.22	DH	YC

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW EARLY WORKS SEDIMENT AND

Drawing Title: EROSION CONTROL PLAN ZONE 3 - CARPARK A (SOUTH) SHEET 4

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C107
		Rev	P4

File: Plotted: 11.01.23 at 8:19 PM By: Danjay Herrera

LEGEND

- SITE BOUNDARY
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED PENDING ARBORIST CONFIRMATION
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- 9.25 — BULK EARTHWORKS CONTOURS
- BEL 416.5 — FINISHED BULK EXCAVATION LEVEL

EARTHWORKS DEPTH RANGE

Lower_value		Upper_value		Colour
-100	to	-1.0	m	
-1.0	to	-0.5	m	
-0.5	to	0	m	
0	to	0.5	m	
0.5	to	1.0	m	
1.0	to	100	m	

NSW GOVERNMENT Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

EXCAVATION NOTES

E1 VOLUMES ARE APPROXIMATE ONLY AND DO NOT INCORPORATE BULKING FACTORS AND OVER EXCAVATION. VOLUMES HAVE BEEN CALCULATED BETWEEN 150mm STRIPPED SURFACE LEVELS AND BULK EARTHWORKS SURFACE.

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E8 SITE SURVEY SUPPLIED BY SURESEARCH UNDERGROUND SERVICES, 85275_Root Partnerships_Tamworth_V3, DATED 28 OCTOBER 2022.

E9 TEMPORARY SHORING WALL TO BE INSTALLED FOR PORTION OF OSD FROM OSD BOTTOM TO PROPOSED CARPARK BULK EXCAVATION LEVEL. MAX HEIGHT OF SHORING WALL IS 1.2m.

E10 TO ASSIST IN LIMITING EFFECTS OF REACTIVE SUBGRADE, A CAPPING LAYER OF AT LEAST 250mm THICK OR LIME STABILISATION TO A DEPTH OF AT LEAST 250mm IS REQUIRED, AS PER GEOTECH ASSESSMENT BY REGIONAL GEOTECHNICAL SOLUTIONS (TAMWORTH HEALTH SERVICE REDEVELOPMENT: PROPOSED ON-GRADE CARPARKS, REPORT NO. RGS32576.1-AS, DATED 24 OCTOBER 2022). 250mm THICK EXCAVATION BELOW PAVEMENT BUILDUP IS INCLUDED IN VOLUME CALCULATIONS.

E11 PAVEMENT DESIGN BUILDUP AS PER GEOTECH ASSESSMENT BY REGIONAL GEOTECHNICAL SOLUTIONS (TAMWORTH HEALTH SERVICE REDEVELOPMENT: PROPOSED ON-GRADE CARPARKS, REPORT NO. RGS32576.1-AS, DATED 24 OCTOBER 2022) IS DETAILED ON DRAWING C170..

BULK EARTHWORKS QUANTITIES SUMMARY (IN-PLACE)

TOTAL 150mm STRIPPED SURFACE = 671 m^3
(ASSUMED TO BE REMOVED OFF-SITE)

ZONE 1 - CARPARK D (NE)	141m^3
ZONE 2 - CARPARK B (NW)	263m^3
ZONE 3 - CARPARK A ROAD (SOUTH)	50m^3
ZONE 4 - CARPARK A (SOUTH)	217m^3

TOTAL CUT VOLUME = 3,690 m^3
(ASSUMED TO BE NON-REUSABLE AND TO BE REMOVED OFF-SITE)
VOLUME INCLUDES THE FOLLOWING:

ZONE 1 - CARPARK D (NE)	715m^3
ZONE 2 - CARPARK B (NW)	1,535m^3
ZONE 3 - CARPARK A ROAD (SOUTH)	100m^3
ZONE 4 - CARPARK A (SOUTH)	1,340m^3

TOTAL FILL VOLUME = 16 m^3
(ASSUMED TO BE IMPORTED)
VOLUME INCLUDES THE FOLLOWING:

ZONE 1 - CARPARK D (NE)	1m^3
ZONE 2 - CARPARK B (NW)	4m^3
ZONE 3 - CARPARK A ROAD (SOUTH)	5m^3
ZONE 4 - CARPARK A (SOUTH)	6m^3

ALL EXISTING PROPERTY SERVICES' LOCATIONS AND DEPTHS ARE APPROXIMATE AND MUST BE VERIFIED ON SITE.
THE CONTRACTOR SHOULD SUPPLY PRECISE LOCATIONS AND DEPTHS TO THE ENGINEER FOR REVIEW PRIOR TO ANY WORKS THAT MAY AFFECT THESE SERVICES.

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Rev	Description	Date	By	App
P3	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P2	ISSUED FOR COORDINATION	11.11.22	DH	YC
P1	ISSUED FOR COORDINATION	28.10.22	DH	YC

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

Drawing Title: EARLY WORKS BULK EARTHWORKS PLAN, ZONE 2 - CARPARK B (NW) ZONE 2 - SHEET 1

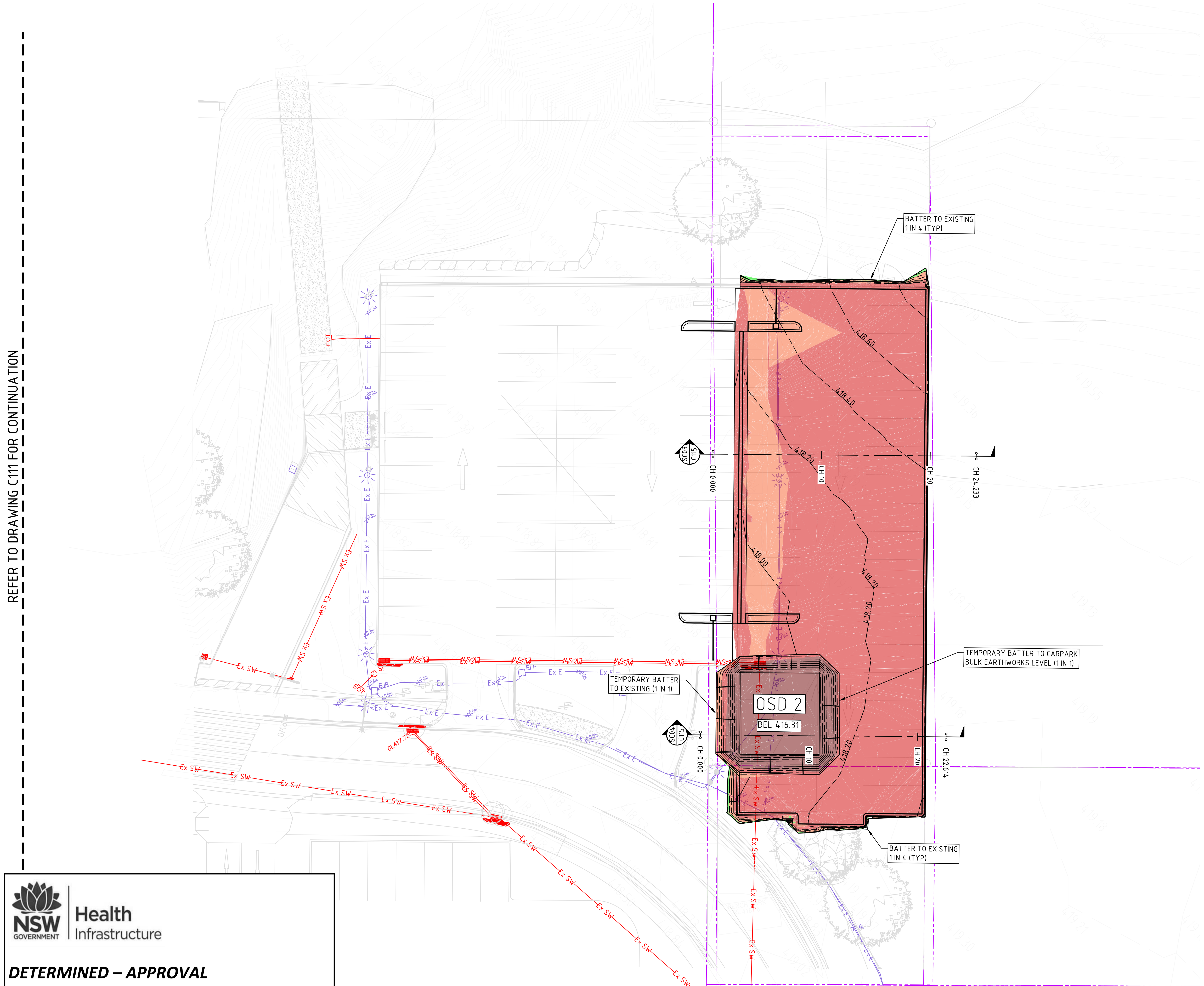
TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200		
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C111
		Rev	P3

North

File: Plotted: 11.01.23 at 7:40 PM By: Danjay Herrera

REFER TO DRAWING C111 FOR CONTINUATION



LEGEND

- SITE BOUNDARY
- EX SURFACE LEVEL (× 24.50)
- EX SURFACE CONTOUR (5.00)
- EXISTING TREE TO BE RETAINED PENDING ARBORIST CONFIRMATION
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- 9.25 — BULK EARTHWORKS CONTOURS
- BEL 416.5 — FINISHED BULK EXCAVATION LEVEL

EARTHWORKS DEPTH RANGE

Lower_value		Upper_value		Colour
-100	to	-1.0	m	
-1.0	to	-0.5	m	
-0.5	to	0	m	
0	to	0.5	m	
0.5	to	1.0	m	
1.0	to	100	m	

EXCAVATION NOTES

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BULK EARTHWORKS QUANTITIES SUMMARY (IN-PLACE)

TOTAL 150mm STRIPPED SURFACE = 671 m^3
(ASSUMED TO BE REMOVED OFF-SITE)

ZONE 1 - CARPARK D (NE)	141m^3
ZONE 2 - CARPARK B (NW)	263m^3
ZONE 3 - CARPARK A ROAD (SOUTH)	50m^3
ZONE 4 - CARPARK A (SOUTH)	217m^3

TOTAL CUT VOLUME = 3,690 m^3
(ASSUMED TO BE NON-REUSABLE AND TO BE REMOVED OFF-SITE)
VOLUME INCLUDES THE FOLLOWING:

ZONE 1 - CARPARK D (NE)	715m^3
ZONE 2 - CARPARK B (NW)	1,535m^3
ZONE 3 - CARPARK A ROAD (SOUTH)	100m^3
ZONE 4 - CARPARK A (SOUTH)	1,340m^3

TOTAL FILL VOLUME = 16 m^3
(ASSUMED TO BE IMPORTED)
VOLUME INCLUDES THE FOLLOWING:

ZONE 1 - CARPARK D (NE)	1m^3
ZONE 2 - CARPARK B (NW)	4m^3
ZONE 3 - CARPARK A ROAD (SOUTH)	5m^3
ZONE 4 - CARPARK A (SOUTH)	6m^3

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NSW GOVERNMENT | Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by: [signature]

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Rev	Description	Date	By	App
P3	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P2	ISSUED FOR COORDINATION	11.11.22	DH	YC
P1	ISSUED FOR COORDINATION	28.10.22	DH	YC

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Project Name: TAMWORTH MENTAL HEALTH UNIT, DEAN STREET, TAMWORTH NSW

Drawing Title: EARLY WORKS BULK EARTHWORKS PLAN, ZONE 1 - CARPARK D (NE) SHEET 2

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C112
		Rev	P3

File: Plotted: 11.01.23 at 8:25 PM By: Danjay Herrera

REFER TO DRAWING C111 FOR CONTINUATION

LEGEND

	SITE BOUNDARY
x 24.50	EX SURFACE LEVEL
5.00	EX SURFACE CONTOUR
	EXISTING TREE TO BE RETAINED PENDING ARBORIST CONFIRMATION
Ex SW	EXISTING STORMWATER DRAINAGE LINE
9.25	BULK EARTHWORKS CONTOURS
BEL 416.5	FINISHED BULK EXCAVATION LEVEL

EARTHWORKS DEPTH RANGE

Lower_value		Upper_value		Colour
-100	to	-1.0	m	
-1.0	to	-0.5	m	
-0.5	to	0	m	
0	to	0.5	m	
0.5	to	1.0	m	
1.0	to	100	m	

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BULK EARTHWORKS QUANTITIES SUMMARY (IN-PLACE)

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(ASSUMED TO BE REMOVED OFF-SITE)

ZONE 1 - CARPARK D (NE)	141m^3
ZONE 2 - CARPARK B (NW)	263m^3
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TOTAL CUT VOLUME = 3,690 m^3
(ASSUMED TO BE NON-REUSABLE AND TO BE REMOVED OFF-SITE)
VOLUME INCLUDES THE FOLLOWING:

ZONE 1 - CARPARK D (NE)	715m^3
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ZONE 3 - CARPARK A ROAD (SOUTH)	100m^3
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TOTAL FILL VOLUME = 16 m^3
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VOLUME INCLUDES THE FOLLOWING:

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NSW GOVERNMENT Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

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Rev	Description	Date	By	App
P3	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P2	ISSUED FOR COORDINATION	11.11.22	DH	YC
P1	ISSUED FOR COORDINATION	28.10.22	DH	YC

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

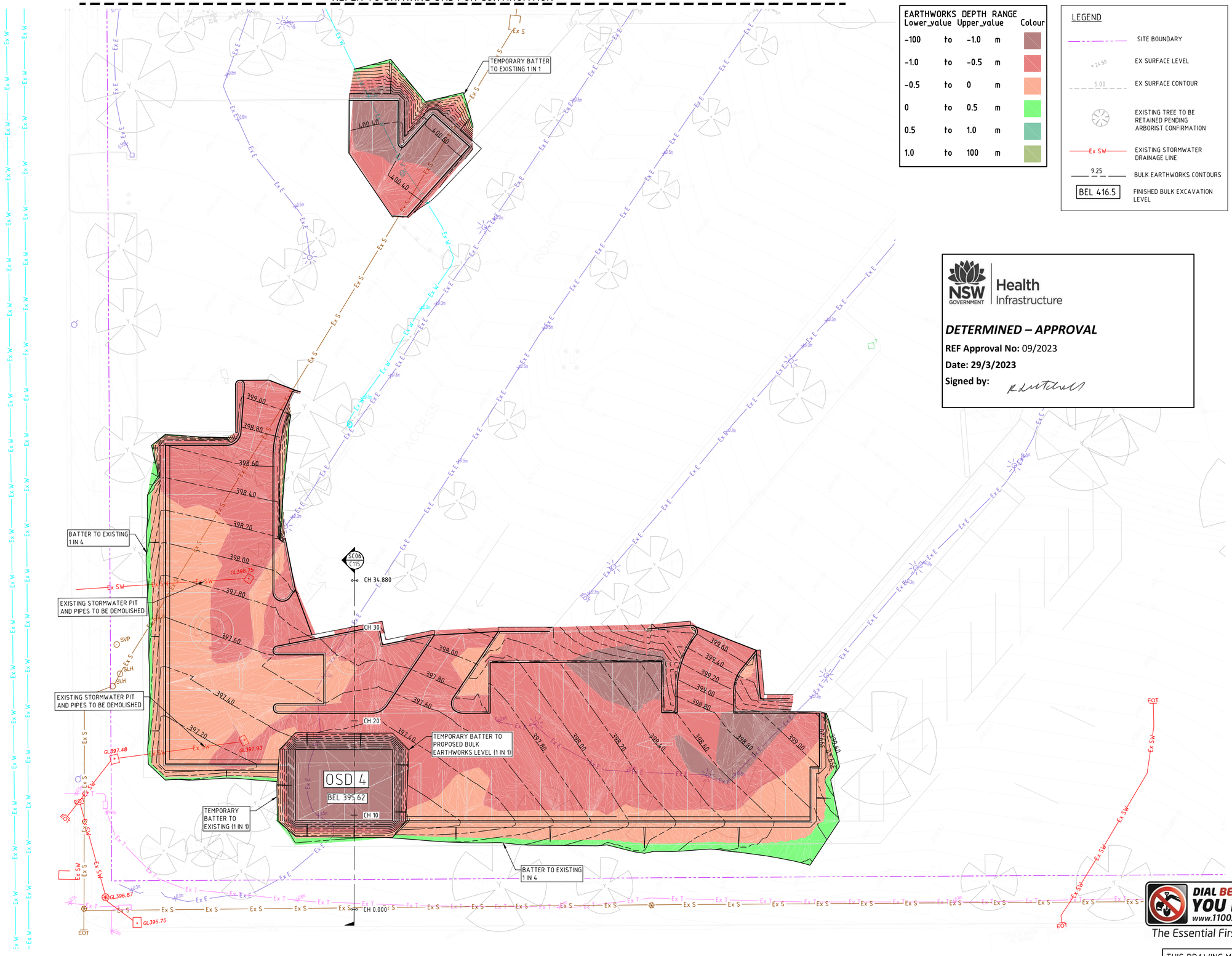
Drawing Title: EARLY WORKS BULK EARTHWORKS PLAN, ZONE 3 - CARPARK A ROAD(SOUTH) - SHEET 3

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C113
		Rev	P3

File: Plotted: 11.01.23 at 8:27 PM By: Danjay Herrera

REFER TO DRAWING C113 FOR CONTINUATION



EARTHWORKS DEPTH RANGE				
Lower_value		Upper_value		Colour
-100	to	-1.0	m	
-1.0	to	-0.5	m	
-0.5	to	0	m	
0	to	0.5	m	
0.5	to	1.0	m	
1.0	to	100	m	

LEGEND

- SITE BOUNDARY
- x 24.50 — EX SURFACE LEVEL
- 5.00 — EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED PENDING ARBORIST CONFIRMATION
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- 9.25 — BULK EARTHWORKS CONTOURS
- BEL 416.5 — FINISHED BULK EXCAVATION LEVEL

NSW GOVERNMENT | Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

EXCAVATION NOTES

E1 VOLUMES ARE APPROXIMATE ONLY AND DO NOT INCORPORATE BULKING FACTORS AND OVER EXCAVATION. VOLUMES HAVE BEEN CALCULATED BETWEEN 150mm STRIPPED SURFACE LEVELS AND BULK EARTHWORKS SURFACE.

E2 GROUND WATER SEEPAGE MAY OCCUR IN EXCAVATED AREAS. DE-WATERING MAY BE REQUIRED IN THIS INSTANCE.

E3 THIS DRAWING ONLY DETAILS EXCAVATION ASSOCIATED WITH THE BUILDING SLAB (IGNORING STRUCTURAL FOOTINGS, BEAMS AND COLUMNS). IN ADDITION TO MAKING NO ALLOWANCE FOR TRENCH BACKFILL, TREE ROOTBALLS OR DETAILED EXCAVATION.

E4 PROVIDE TEMPORARY MAXIMUM 1 IN 1 BATTERS U.N.O. GEOTECH TO CONFIRM BATTER ACCEPTABILITY DURING CONSTRUCTION.

E5 THE EXCAVATED MATERIAL IS TO BE TEMPORARILY STOCKPILED WITHIN THE LANDSCAPED AREAS (TO BE CONFIRMED ON-SITE) AND RE-USED USING VALIDATED MATERIALS AS LANDSCAPING SOIL BUILD-UP/BACKFILL IN ACCORDANCE WITH LANDSCAPE ARCHITECTS SPECIFICATIONS.

E6 REFER TO ARBORIST REPORT FOR TREE PROTECTION MEASURES IF REQUIRED.

E7 UNCONTROLLED FILL OF 1.0m MAX FROM EXISTING SURFACE LEVEL MUST BE REMOVED FROM SITE, AS PER GEOTECH ASSESSMENT BY REGIONAL GEOTECHNICAL SOLUTIONS (TAMWORTH HEALTH SERVICE REDEVELOPMENT: PROPOSED ON-GRADE CARPARKS, REPORT NO. RGS32576.1-AS, DATED 24 OCTOBER 2022). UNCONTROLLED FILL EXCAVATION IS EXCLUDED IN VOLUME CALCULATIONS.

E8 SITE SURVEY SUPPLIED BY SURESEARCH UNDERGROUND SERVICES, 85275_Root Partnerships_Tamworth_V3, DATED 28 OCTOBER 2022.

E9 TEMPORARY SHORING WALL TO BE INSTALLED FOR PORTION OF ZONE 2 OSD FROM OSD BOTTOM TO PROPOSED CARPARK BULK EXCAVATION LEVEL. MAX HEIGHT OF SHORING WALL IS 1.2m.

E10 TO ASSIST IN LIMITING EFFECTS OF REACTIVE SUBGRADE, A CAPPING LAYER OF AT LEAST 250mm THICK OR LIME STABILISATION TO A DEPTH OF AT LEAST 250mm IS REQUIRED, AS PER GEOTECH ASSESSMENT BY REGIONAL GEOTECHNICAL SOLUTIONS (TAMWORTH HEALTH SERVICE REDEVELOPMENT: PROPOSED ON-GRADE CARPARKS, REPORT NO. RGS32576.1-AS, DATED 24 OCTOBER 2022). 250mm THICK EXCAVATION BELOW PAVEMENT BUILDUP IS INCLUDED IN VOLUME CALCULATIONS.

E11 PAVEMENT DESIGN BUILDUP AS PER GEOTECH ASSESSMENT BY REGIONAL GEOTECHNICAL SOLUTIONS (TAMWORTH HEALTH SERVICE REDEVELOPMENT: PROPOSED ON-GRADE CARPARKS, REPORT NO. RGS32576.1-AS, DATED 24 OCTOBER 2022) IS DETAILED ON DRAWING C170..

BULK EARTHWORKS QUANTITIES SUMMARY (IN-PLACE)

TOTAL 150mm STRIPPED SURFACE = 671 m^3
(ASSUMED TO BE REMOVED OFF-SITE)

ZONE 1 - CARPARK D (NE)	141m^3
ZONE 2 - CARPARK B (NW)	263m^3
ZONE 3 - CARPARK A ROAD (SOUTH)	50m^3
ZONE 4 - CARPARK A (SOUTH)	217m^3

TOTAL CUT VOLUME = 3,690 m^3
(ASSUMED TO BE NON-REUSABLE AND TO BE REMOVED OFF-SITE)
VOLUME INCLUDES THE FOLLOWING:

ZONE 1 - CARPARK D (NE)	715m^3
ZONE 2 - CARPARK B (NW)	1,535m^3
ZONE 3 - CARPARK A ROAD (SOUTH)	100m^3
ZONE 4 - CARPARK A (SOUTH)	1,340m^3

TOTAL FILL VOLUME = 16 m^3
(ASSUMED TO BE IMPORTED)
VOLUME INCLUDES THE FOLLOWING:

ZONE 1 - CARPARK D (NE)	1m^3
ZONE 2 - CARPARK B (NW)	4m^3
ZONE 3 - CARPARK A ROAD (SOUTH)	5m^3
ZONE 4 - CARPARK A (SOUTH)	6m^3

WARNING

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Rev	Description	Date	By	App
P3	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P2	ISSUED FOR COORDINATION	11.11.22	DH	YC
P1	ISSUED FOR COORDINATION	28.10.22	DH	YC

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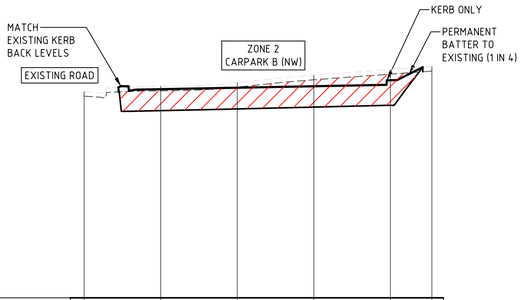
Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

Drawing Title: EARLY WORKS BULK EARTHWORKS PLAN, ZONE 4 - CARPARK A (SOUTH) SHEET 4

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C114
		Rev	P3

File: Plotted: 11.01.23 at 8:28 PM By: Danjay Herrera

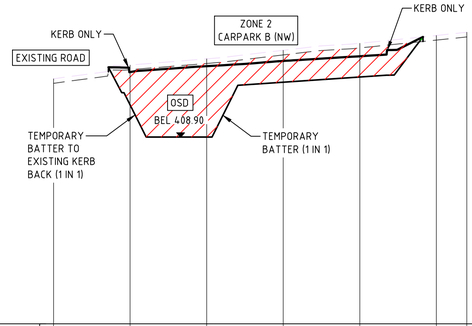


DATUM 406.5

SC01							
DESIGN SURFACE LEVEL		413.313	413.360	413.407	413.604		
BULK EARTHWORKS SURFACE LEVEL		412.611	412.669	412.727	412.784		
STRIPPED EXISTING SURFACE LEVEL	413.085	413.258	413.361	413.617	413.804	413.902	
EXISTING SURFACE LEVEL	413.235	413.408	413.531	413.767	413.954	414.052	
CHAINAGES	0.000	5.000	10.000	15.000	20.000	22.711	

1 in 200 HORIZONTAL
1 in 100 VERTICAL

SC01 LONGITUDINAL SECTION

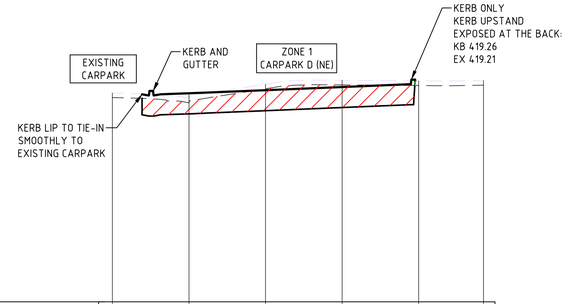


DATUM 402.8

SC02							
DESIGN SURFACE LEVEL		411.020	411.212	411.383	411.536		
BULK EARTHWORKS SURFACE LEVEL		409.949	408.900	410.689	410.859		
STRIPPED EXISTING SURFACE LEVEL	410.651	411.098	411.301	411.580	411.808	412.062	412.169
EXISTING SURFACE LEVEL	410.801	411.248	411.451	411.730	411.958	412.212	412.319
CHAINAGES	0.000	5.000	10.000	15.000	20.000	25.000	26.991

1 in 200 HORIZONTAL
1 in 100 VERTICAL

SC02 LONGITUDINAL SECTION

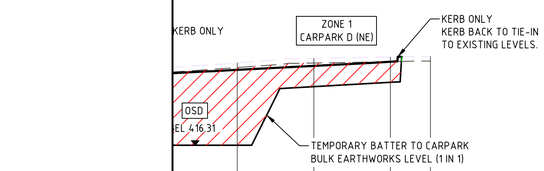


DATUM 412.0

SC03						
DESIGN SURFACE LEVEL		418.809	418.911	419.014		
BULK EARTHWORKS SURFACE LEVEL		418.139	418.241	418.344		
STRIPPED EXISTING SURFACE LEVEL	418.669	418.511	418.956	419.082	419.063	419.073
EXISTING SURFACE LEVEL	418.819	418.661	419.106	419.232	419.213	419.223
CHAINAGES	0.000	5.000	10.000	15.000	20.000	24.233

1 in 200 HORIZONTAL
1 in 100 VERTICAL

SC03 LONGITUDINAL SECTION

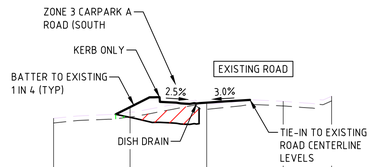


DATUM 410.3

SC04							
DESIGN SURFACE LEVEL		418.643	418.769	418.899	419.033		
BULK EARTHWORKS SURFACE LEVEL		416.310	416.310	418.224	418.365		
STRIPPED EXISTING SURFACE LEVEL	418.469	418.656	418.845	418.993	419.037	419.056	
EXISTING SURFACE LEVEL	418.619	418.806	418.995	419.143	419.187	419.206	
CHAINAGES	0.000	5.000	10.000	15.000	20.000	22.614	

1 in 200 HORIZONTAL
1 in 100 VERTICAL

SC04 LONGITUDINAL SECTION

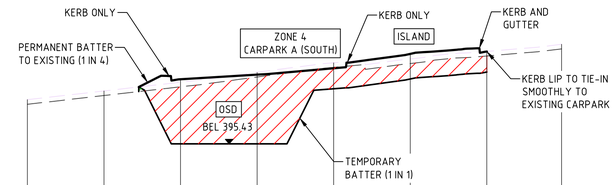


DATUM 398.6

SC05					
DESIGN SURFACE LEVEL		405.234	405.379		
BULK EARTHWORKS SURFACE LEVEL		404.900			
STRIPPED EXISTING SURFACE LEVEL	404.715	404.912	405.161	405.270	405.435
EXISTING SURFACE LEVEL	404.865	405.062	405.311	405.420	405.585
CHAINAGES	0.000	5.000	10.000	15.000	18.153

1 in 200 HORIZONTAL
1 in 100 VERTICAL

SC05 LONGITUDINAL SECTION



DATUM 389.6

SC06								
DESIGN SURFACE LEVEL			397.731	397.880	398.087	398.558	398.637	
BULK EARTHWORKS SURFACE LEVEL			395.620	395.620	397.421	397.738	397.967	
STRIPPED EXISTING SURFACE LEVEL	396.913	397.198	397.483	397.805	398.118	398.244	398.489	398.722
EXISTING SURFACE LEVEL	397.063	397.348	397.633	397.955	398.268	398.394	398.639	398.872
CHAINAGES	0.000	5.000	10.000	15.000	20.000	25.000	30.000	34.880

1 in 200 HORIZONTAL
1 in 100 VERTICAL

SC06 LONGITUDINAL SECTION

NSW GOVERNMENT Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by: K Mitchell

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P3	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P2	ISSUED FOR COORDINATION	11.11.22	DH	YC
P1	ISSUED FOR COORDINATION	28.10.22	DH	YC

Rev	Description	Date	By	App

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

Drawing Title: EARLY WORKS BULK EARTHWORKS LONGITUDINAL SECTIONS SHEET 1

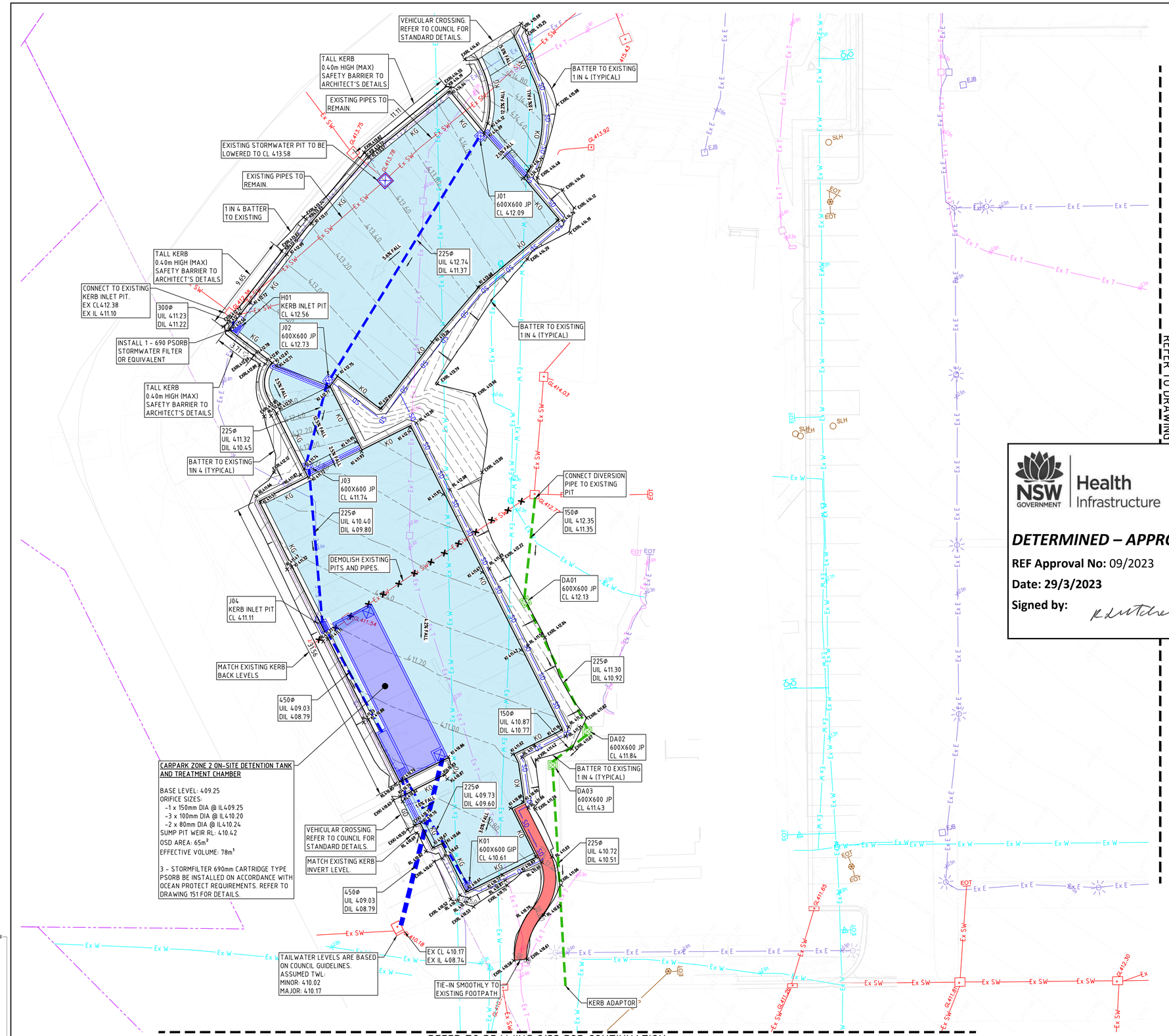
TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200		
Date	OCT 2022		
Sheet	A1		

North

Project Ref	Drawing No	Rev
13084 01	C115	P3

File: Plotted: 11.01.23 at 8:31 PM By: Danjay Herrera



SURVEY LEGEND

- SITE BOUNDARY
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EX TREE
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- Ex S — EXISTING SEWER LINE
- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS LINE
- Ex T — EXISTING TELECOMMUNICATIONS LINE
- Ex E — EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- Ex E — EXISTING SERVICE TO BE MADE REDUNDANT

SITEWORKS LEGEND

- 32.00 — FINISHED SURFACE CONTOUR
- EX RL 7.25 — EXISTING FINISHED SURFACE LEVEL
- RL 10.00 — FINISHED SURFACE SPOT LEVEL
- KO — KERB ONLY
- KG — KERB AND GUTTER
- FK — FLUSH KERB
- DD — DISH DRAIN
- RW — RETAINING WALL
- BATTER LINE
- PAVEMENT TYPE MEDIUM DUTY ASPHALT PAVEMENT
- NEW LANDSCAPE (REFER TO LANDSCAPE CONSULTANTS DRAWINGS AND SPECIFICATIONS)
- CONCRETE FOOTPATH PAVEMENT
- ASPHALT RESHEET
- SURFACE INLET PIT
- JUNCTION PIT
- STORMWATER DRAINAGE LINE
- GD — GRATED DRAIN
- DIVERSION ROOFWATER PIT AND PIPE
- DP — DOWNPIPE AND CONNECTION LINE (REFER TO HYDRAULIC DRAWINGS FOR DETAILS)
- FOR SD — FLUSHOUT RISER (max 30m CTRS) WITH SUBSOIL DRAINAGE (100Ø uPVC SLOTTED PIPE UN-SOCKED)
- IO — INSPECTION OPENING
- OVERLAND FLOW
- DIRECTION AND GRADE OF FALL
- ONSITE DETENTION TANK
- GRASS CUT-OFF DRAIN

NSW GOVERNMENT | Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

NOTE
1. ALL PIPES TO BE PIPE CLASS 4
2. ALL GRATES TO BE CLASS D HEEL GUARD SAFE
3. CONTRACTOR TO CONFIRM EXISTING SERVICES ONSITE. REFER TO THE RELEVANT CONSULTANTS FOR SERVICES TO BE RETAINED OR DEMOLISHED.
4. ALL SURFACE INLETS AND GRATED DRAINS TO BE HEEL PROOF.

LEVELS AND GRADES ARE UNDER REVIEW AND SUBJECT TO FURTHER COORDINATION

WARNING
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.

REFER TO STRUCTURAL DRAWINGS FOR RETAINING WALL DETAILS.

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P3	ISSUED FOR TENDER	02.12.22	DH	YC
P2	ISSUED FOR COORDINATION	11.11.22	DH	YC
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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

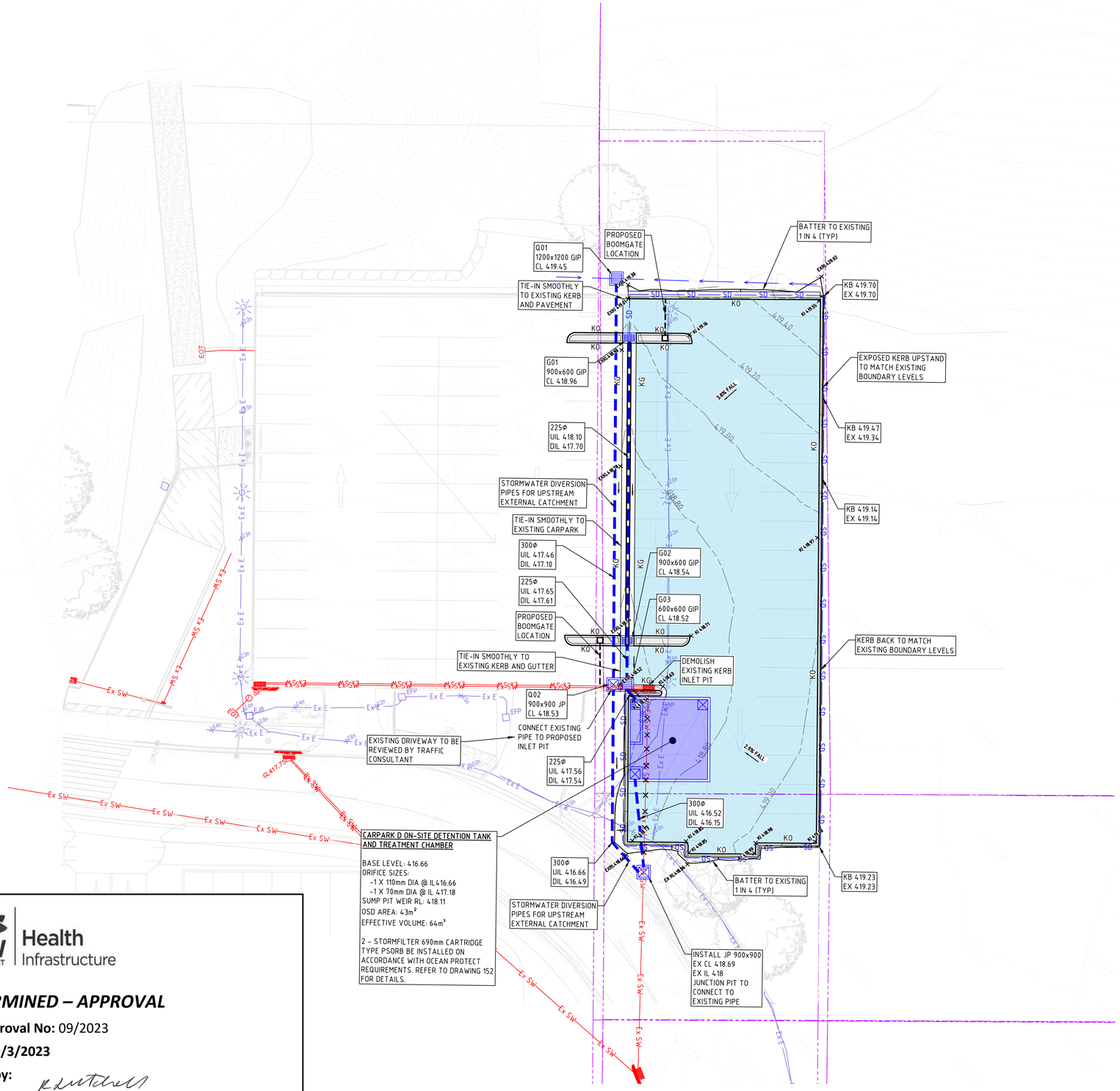
Drawing Title: EARLY WORKS SITEWORKS PLAN ZONE 2 - CARPARK B(NW) SHEET 1

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C131
		Rev	P4

File: Plotted: 11.01.23 at 6:50 PM By: Danjay Herrera

REFER TO DRAWING C131 FOR CONTINUATION



SURVEY LEGEND

- SITE BOUNDARY
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EX TREE
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- Ex S — EXISTING SEWER LINE
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- ASPHALT RESHEET
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- JUNCTION PIT
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- IO — INSPECTION OPENING
- OVERLAND FLOW
- DIRECTION AND GRADE OF FALL
- ONSITE DETENTION TANK
- GRASS CUT-OFF DRAIN

NSW GOVERNMENT | Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

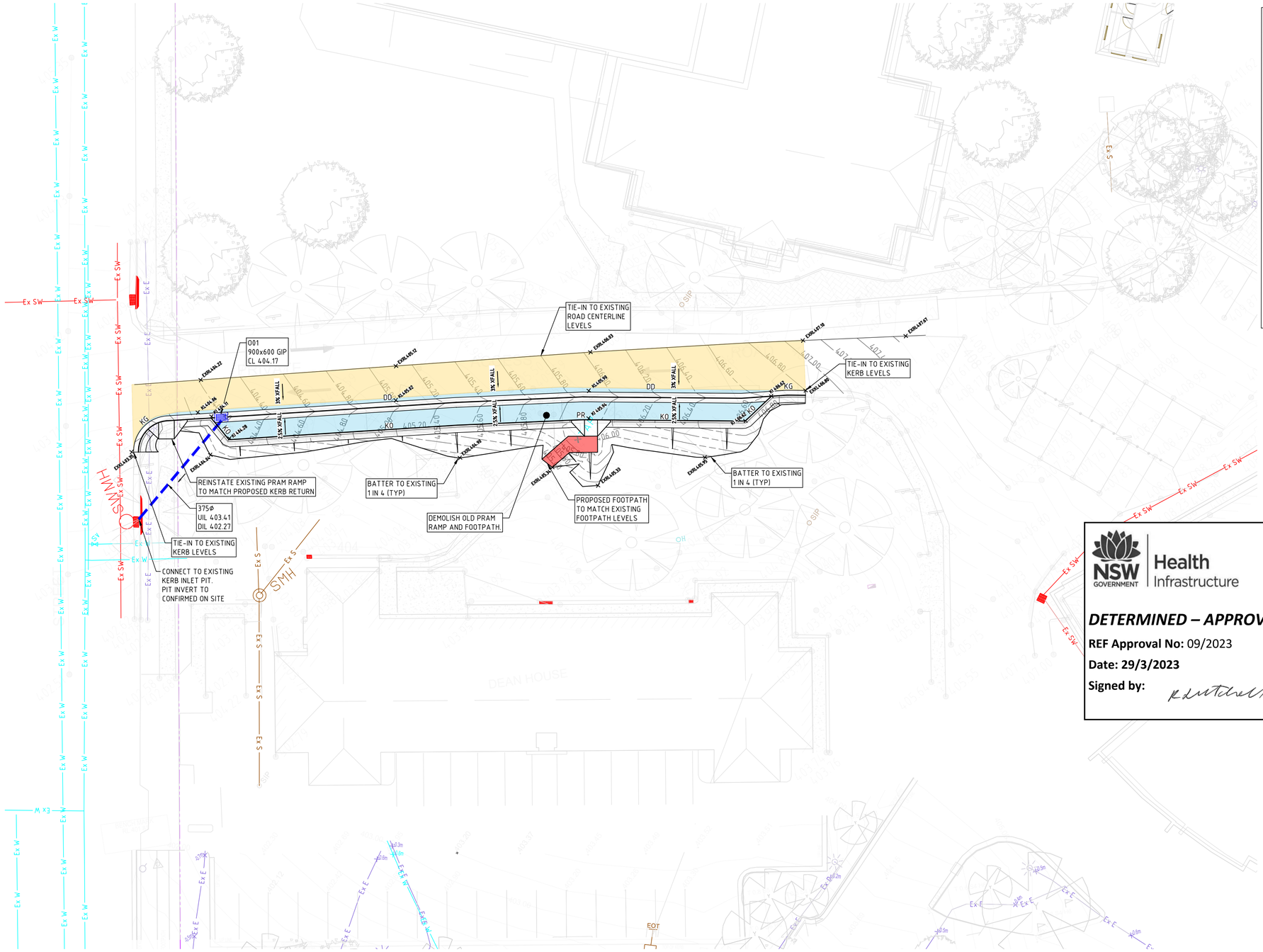
Drawing Title: EARLY WORKS SITEWORKS PLAN ZONE 1 - CARPARK D (NE) SHEET 2

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C132
		Rev	P4

File: Plotted: 11.01.23 at 8:21 PM By: Danjay Herrera

REFER TO DRAWING C131 FOR CONTINUATION



SURVEY LEGEND

- SITE BOUNDARY
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EX TREE
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EXISTING SERVICE TO BE MADE REDUNDANT

SITEWORKS LEGEND

- FINISHED SURFACE CONTOUR
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- DIRECTION AND GRADE OF FALL
- ONSITE DETENTION TANK
- GRASS CUT-OFF DRAIN

NSW GOVERNMENT Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

NOTE
1. ALL PIPES TO BE PIPE CLASS 4
2. ALL GRATES TO BE CLASS D HEEL GUARD SAFE
3. CONTRACTOR TO CONFIRM EXISTING SERVICES ONSITE. REFER TO THE RELEVANT CONSULTANTS FOR SERVICES TO BE RETAINED OR DEMOLISHED.
4. ALL SURFACE INLETS AND GRATED DRAINS TO BE HEEL PROOF.

LEVELS AND GRADES ARE UNDER REVIEW AND SUBJECT TO FURTHER COORDINATION

WARNING
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.

REFER TO STRUCTURAL DRAWINGS FOR RETAINING WALL DETAILS.

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.

ALL EXISTING PROPERTY SERVICES' LOCATIONS AND DEPTHS ARE APPROXIMATE AND MUST BE VERIFIED ON SITE.
THE CONTRACTOR SHOULD SUPPLY PRECISE LOCATIONS AND DEPTHS TO THE ENGINEER FOR REVIEW PRIOR TO ANY WORKS THAT MAY AFFECT THESE SERVICES.

DIAL BEFORE YOU DIG www.1100.com.au The Essential First Step

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Rev	Description	Date	By	App
P4	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P3	ISSUED FOR TENDER	02.12.22	DH	YC
P2	ISSUED FOR COORDINATION	11.11.22	DH	YC
P1	ISSUED FOR COORDINATION	28.10.22	DH	YC

Rev	Description	Date	By	App

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

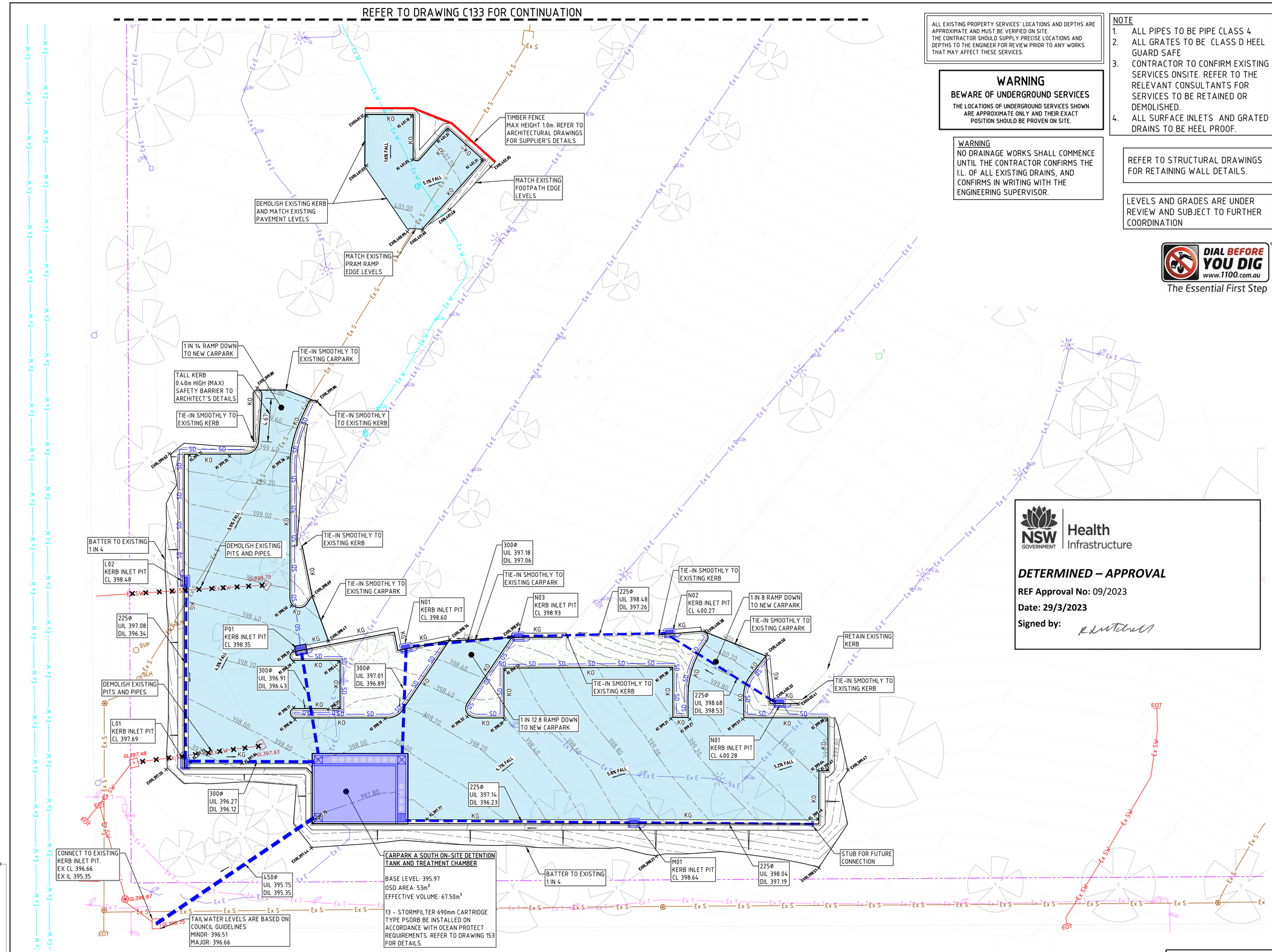
Drawing Title: EARLY WORKS SITEWORKS PLAN ZONE 3 - CARPARK A ROAD (SOUTH) SHEET 3

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	JUN 2021	Project Ref	13084 01
Sheet	A1	Drawing No	C133
		Rev	P4

File: Plotted: 11.01.23 at 3:40 PM By: Danjay Herrera

REFER TO DRAWING C133 FOR CONTINUATION



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DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

SURVEY LEGEND

- SITE BOUNDARY
- 24.50 — EX SURFACE LEVEL
- 5.00 — EX SURFACE CONTOUR
- EX TREE
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- Ex S — EXISTING SEWER LINE
- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS LINE
- Ex T — EXISTING TELECOMMUNICATIONS LINE
- Ex E — EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- Ex E — EXISTING SERVICE TO BE MADE REDUNDANT

SITEWORKS LEGEND

- 32.00 — FINISHED SURFACE CONTOUR
- EX RL 7.25 — EXISTING FINISHED SURFACE LEVEL
- RL 10.00 — FINISHED SURFACE SPOT LEVEL
- KO — KERB ONLY
- KG — KERB AND GUTTER
- FK — FLUSH KERB
- DD — DISH DRAIN
- RW — RETAINING WALL
- BATTER LINE
- PAVEMENT TYPE MEDIUM DUTY ASPHALT PAVEMENT
- NEW LANDSCAPE (REFER TO LANDSCAPE CONSULTANTS DRAWINGS AND SPECIFICATIONS)
- CONCRETE FOOTPATH PAVEMENT
- ASPHALT RESHEET
- SURFACE INLET PIT
- JUNCTION PIT
- STORMWATER DRAINAGE LINE
- GD — GRATED DRAIN
- DIVERSION ROOFWATER PIT AND PIPE
- DP — DOWNPIPE AND CONNECTION LINE (REFER TO HYDRAULIC DRAWINGS FOR DETAILS)
- FOR SD — FLUSHOUT RISER (max 30m CTRS) WITH SUBSOIL DRAINAGE (100Ø uPVC SLOTTED PIPE UN-SOCKED)
- IO — INSPECTION OPENING
- OVERLAND FLOW
- DIRECTION AND GRADE OF FALL
- ONSITE DETENTION TANK
- GRASS CUT-OFF DRAIN

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P4	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P3	ISSUED FOR TENDER	02.12.22	DH	YC
P2	ISSUED FOR COORDINATION	11.11.22	DH	YC
P1	ISSUED FOR COORDINATION	28.10.22	DH	YC

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

Drawing Title: EARLY WORKS SITEWORKS PLAN ZONE 4 - CARPARK A (SOUTH) SHEET 4

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	1:200	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C134
		Rev	P4

File: Plotted: 11.01.23 at 8:23 PM By: Danjay Herrera

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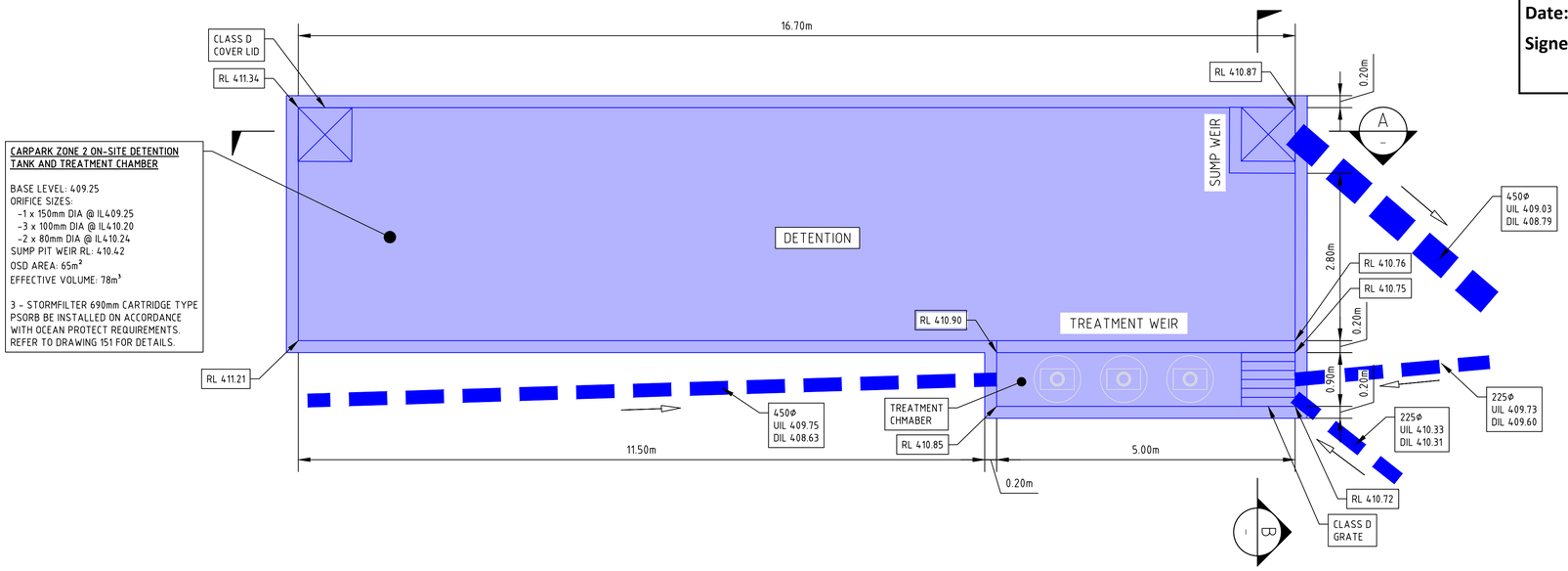
DETERMINED – APPROVAL

REF Approval No: 09/2023

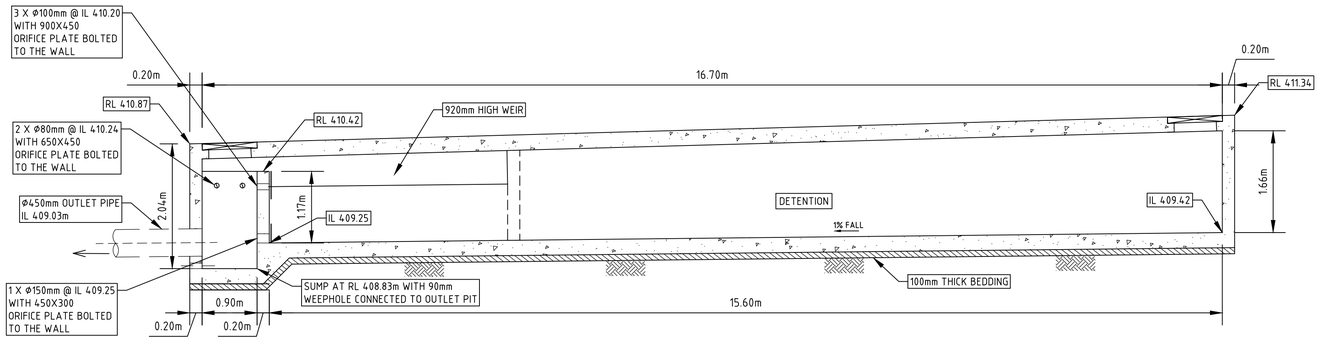
Date: 29/3/2023

Signed by:



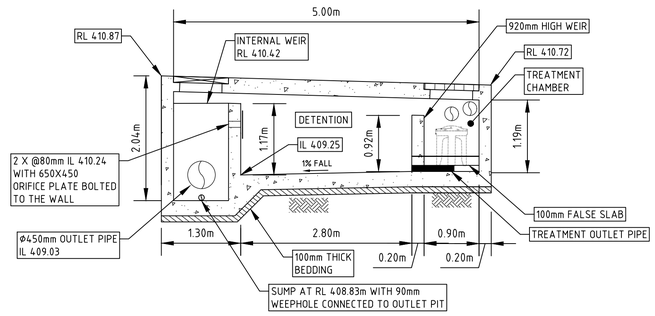
NORTH WEST CARPARK ZONE 2 ON SITE DETENTION PLAN

SCALE 1:50



SECTION A-A

SCALE 1:50



SECTION B-B

SCALE 1:50

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P2	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P1	ISSUED FOR COORDINATION	11.11.22	DH	YC

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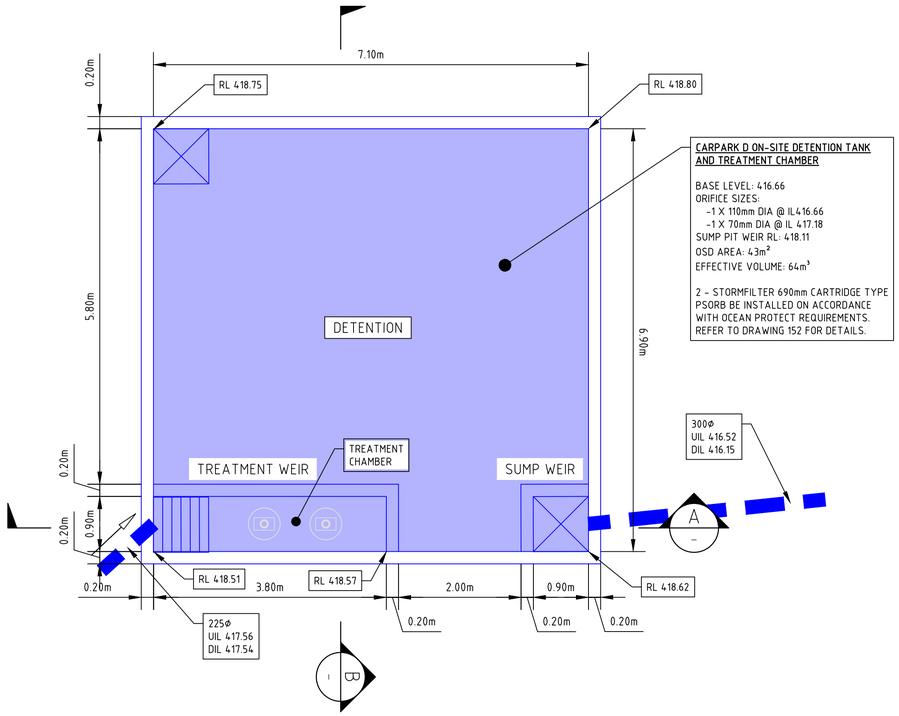
Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

Drawing Title: EARLY WORKS ZONE 2 - CARPARK B (NW) ON-SITE DETENTION TANK DETAILS

TENDER ADDENDUM

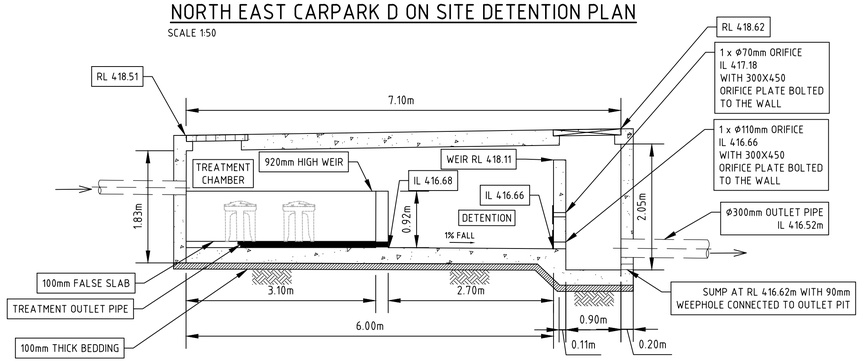
Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	NTS	North	
Date	OCT 2022	Project Ref	13084 01
Sheet	A1	Drawing No	C151
		Rev	P2

File: Plotted: 12.01.23 at 6:32 PM By: Danjay Herrera



NORTH EAST CARPARK D ON SITE DETENTION PLAN

SCALE 1:50



SECTION A-A

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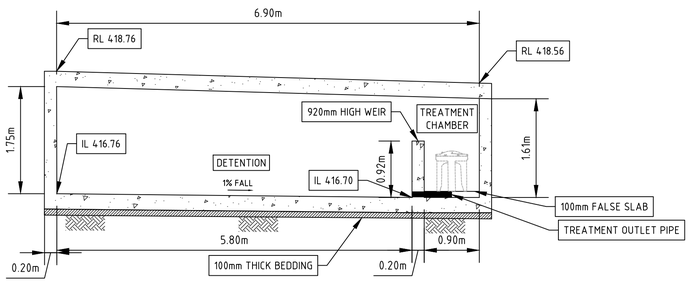
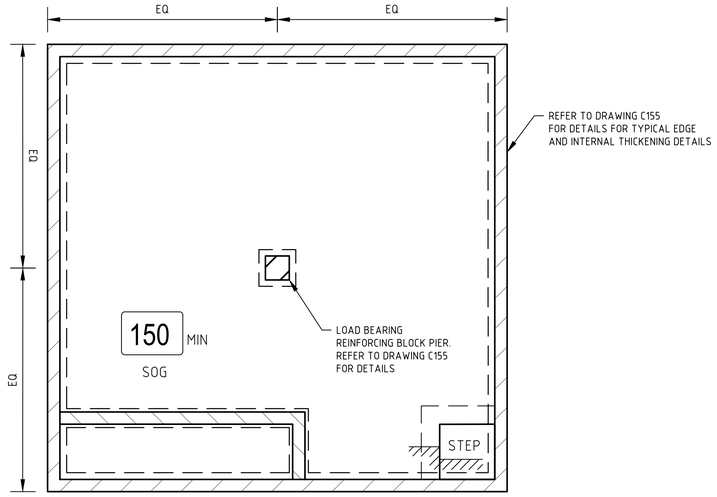


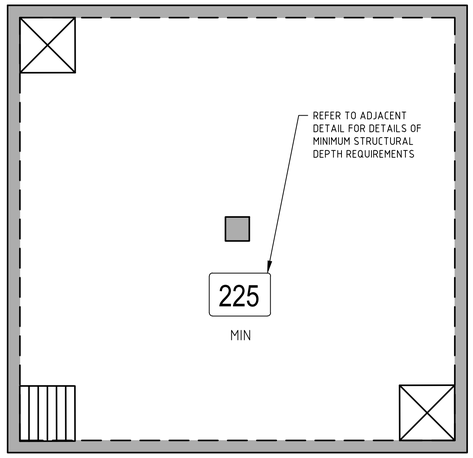
SECTION B-B

SCALE 1:50



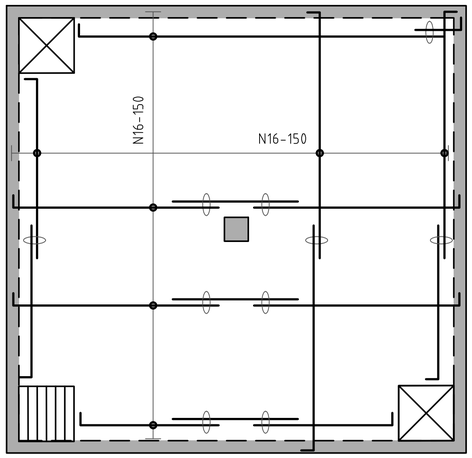
OSD TANK BASE SLAB PLAN

SCALE 1:50



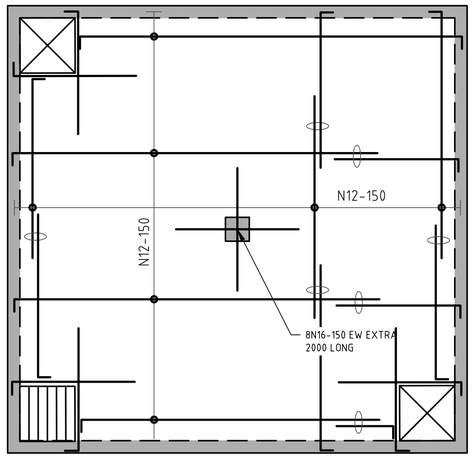
OSD TANK LID SLAB PLAN

SCALE 1:50



OSD TANK LID BTM REINFORCEMENT PLAN

SCALE 1:50



OSD TANK LID TOP REINFORCEMENT PLAN

SCALE 1:50

NSW GOVERNMENT | Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by: K Mitchell

NOTES:

USE THE BELOW SPECIFICATIONS:
F'c = 40MPa
RIO COVER - 20mm

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Rev	Description	Date	By	App
P2	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P1	ISSUED FOR COORDINATION	11.11.22	DH	YC

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

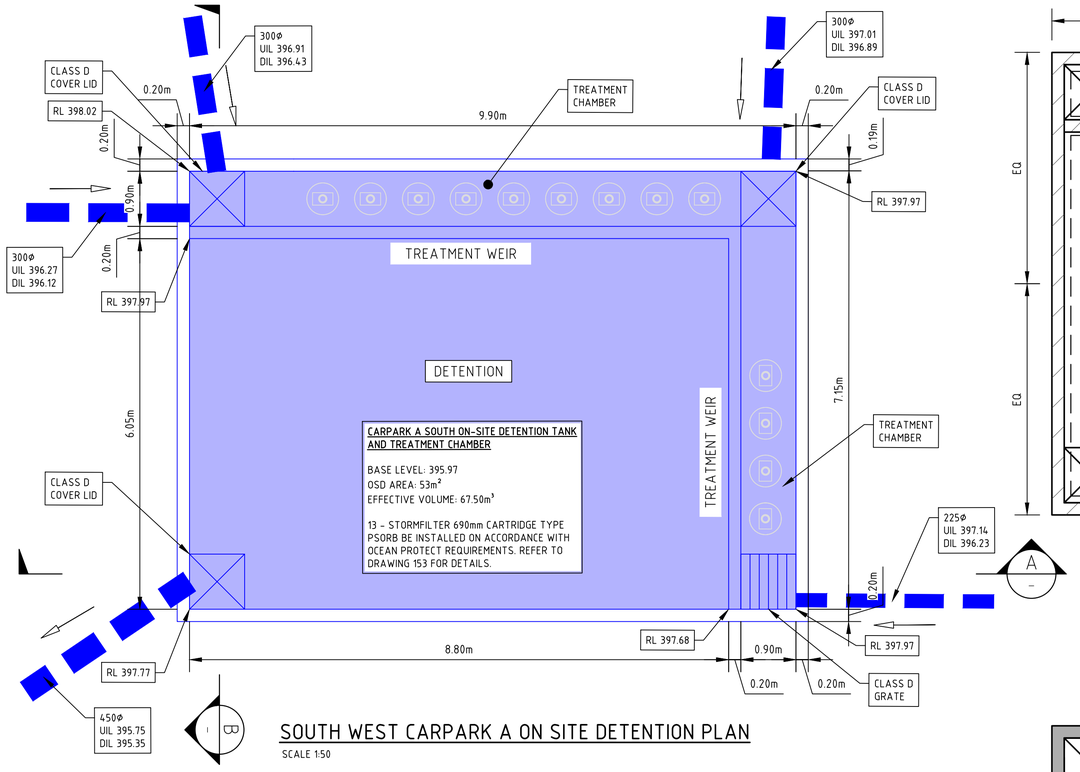
Drawing Title: EARLY WORKS ZONE 1 - CARPARK D (NE) ON-SITE DETENTION TANK DETAILS

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	NTS	Project Ref	13084 01
Date	OCT 2022	Drawing No	C152
Sheet	A1	Rev	P2

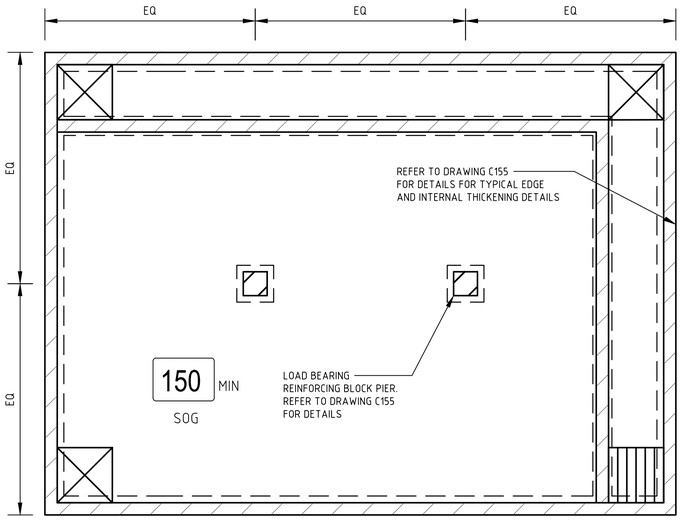
North

e: Plotted: 13.01.23 at 11:02 AM By: April Dianne



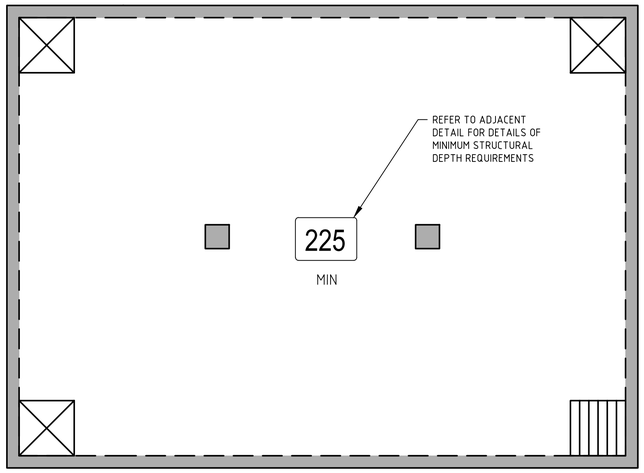
SOUTH WEST CARPARK A ON SITE DETENTION PLAN

SCALE 1:50



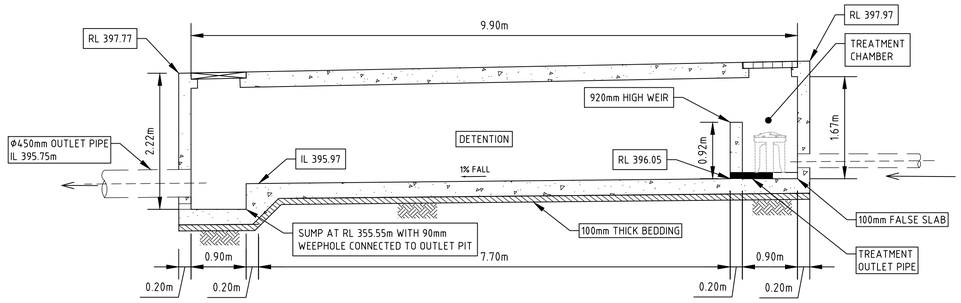
OSD TANK BASE SLAB PLAN

SCALE 1:50



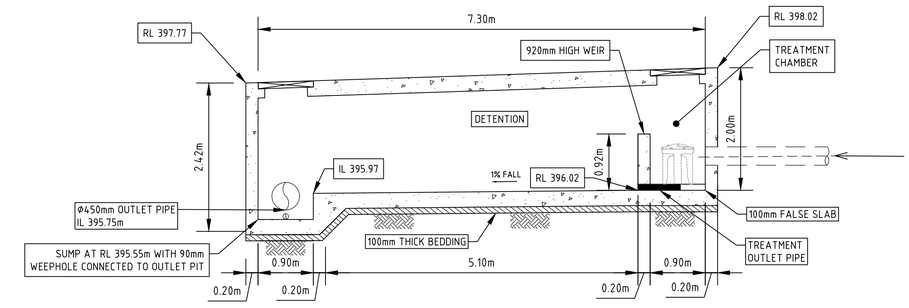
OSD TANK LID SLAB PLAN

SCALE 1:50



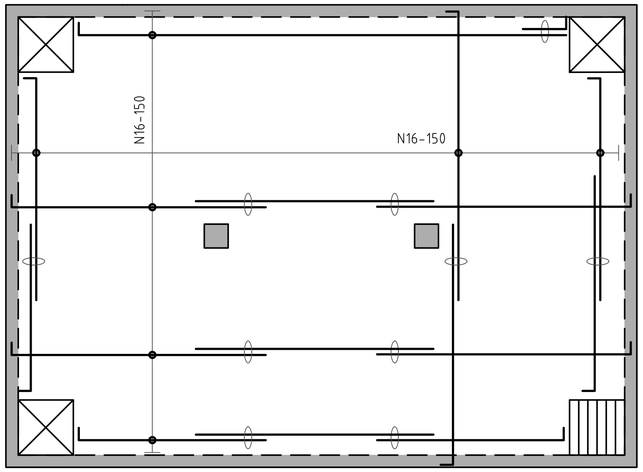
SECTION A-A

SCALE 1:50



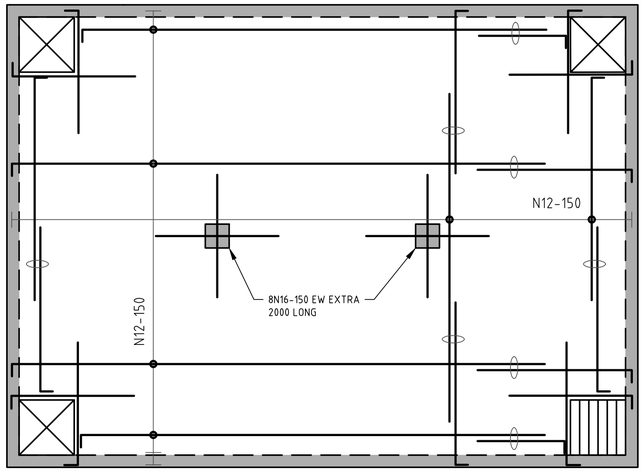
SECTION B-B

SCALE 1:50



OSD TANK LID BTM REINFORCEMENT PLAN

SCALE 1:50



OSD TANK LID TOP REINFORCEMENT PLAN

SCALE 1:50

NSW GOVERNMENT Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

NOTES:

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RIO COVER - 20mm

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Rev	Description	Date	By	App
P2	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P1	ISSUED FOR COORDINATION	11.11.22	DH	YC

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Project Name: TAMWORTH MENTAL HEALTH UNIT
DEAN STREET, TAMWORTH NSW

Drawing Title: EARLY WORKS
ZONE 4 - CARPARK A (SOUTH)
ON-SITE DETENTION TANK DETAILS

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	NTS		
Date	OCT 2022		
Sheet	A1		

North

Project Ref	Drawing No	Rev
13084 01	C153	P2

e: Plotted: 13.01.23 at 11:01 AM By: April Dianne

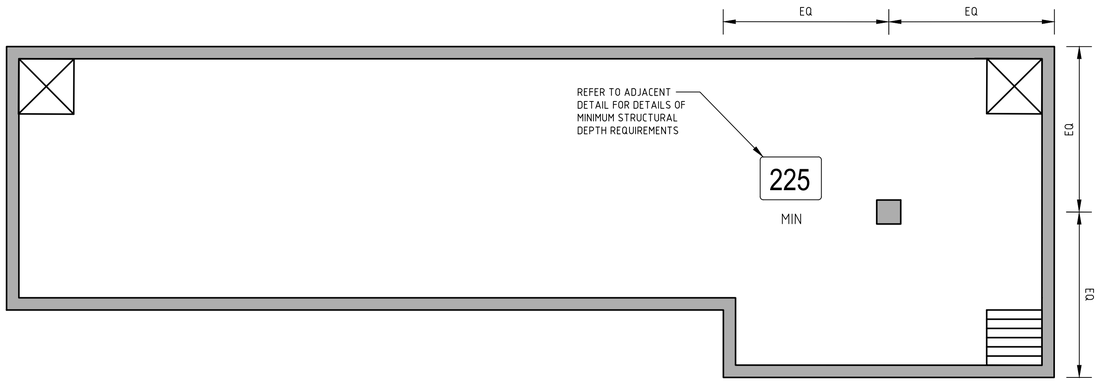
NSW GOVERNMENT | Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

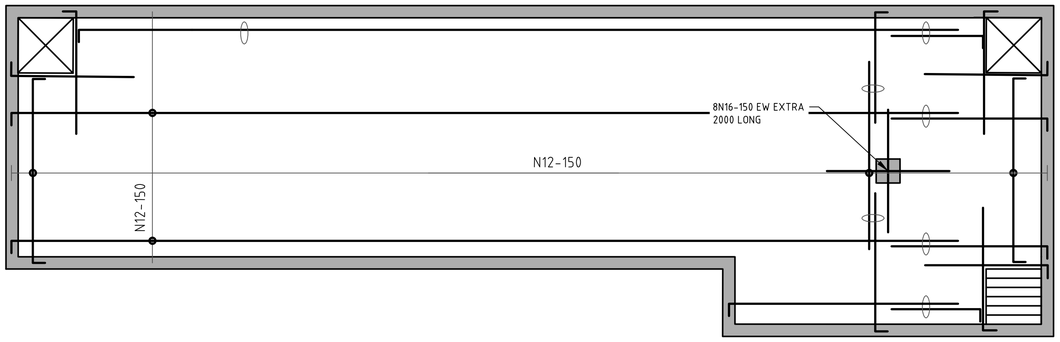
Date: 29/3/2023

Signed by: R Mitchell



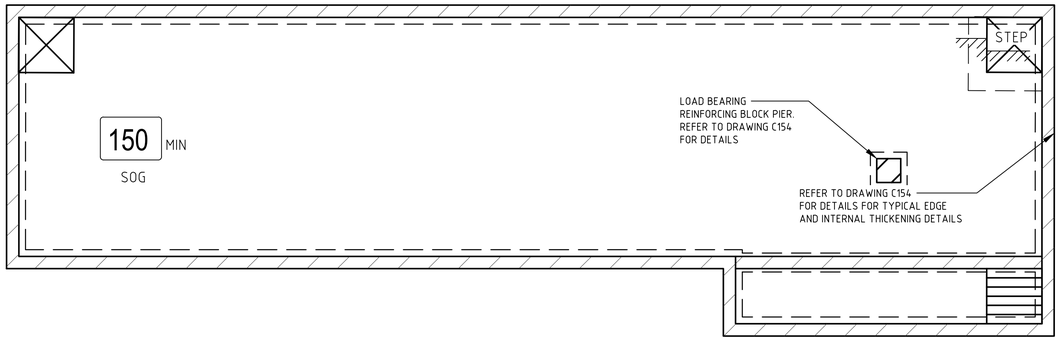
OSD TANK LID SLAB PLAN

SCALE 1:50



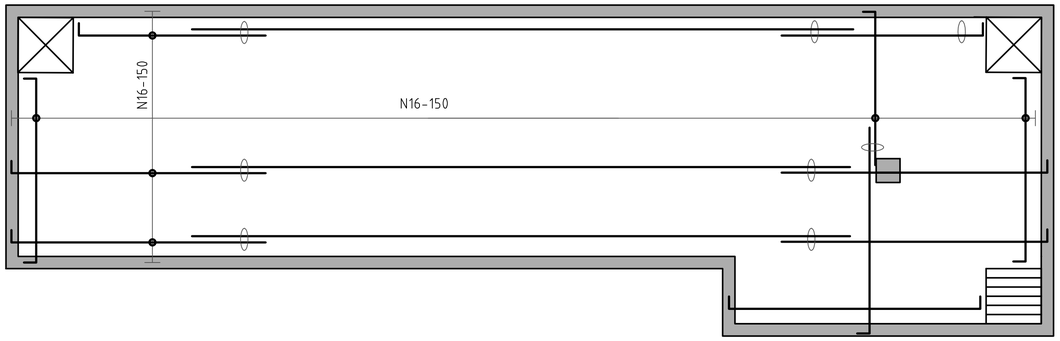
OSD TANK LID TOP REINFORCEMENT PLAN

SCALE 1:50



OSD TANK BASE SLAB PLAN

SCALE 1:50



OSD TANK LID BTM REINFORCEMENT PLAN

SCALE 1:50

NOTES:

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RIO COVER - 20mm

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW EARLY WORKS

Drawing Title: ZONE 2 - CARPARK B (NW) ON-SITE DETENTION TANK DETAILS SHEET 2

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	NTS	Project Ref	13084 01
Date	OCT 2022	Drawing No	C154
Sheet	A1	Rev	P1

North

e: Plotted: 13.01.23 at 11:01 AM By: April Dianne

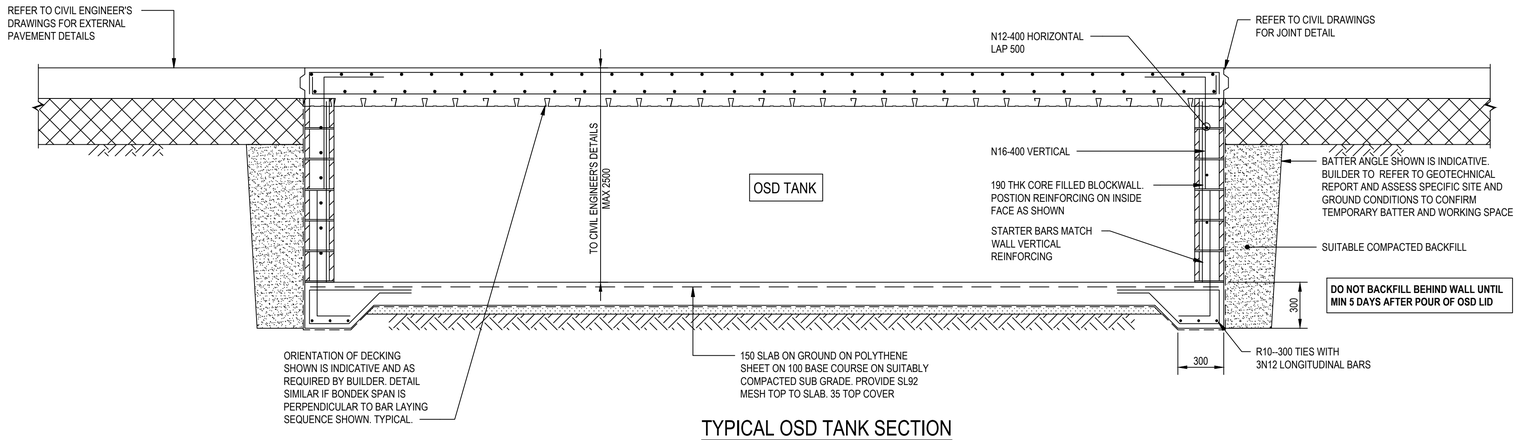
Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

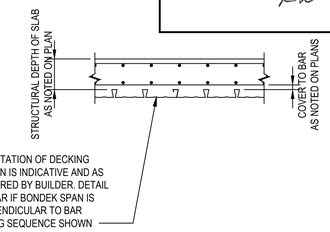
Date: 29/3/2023

Signed by:



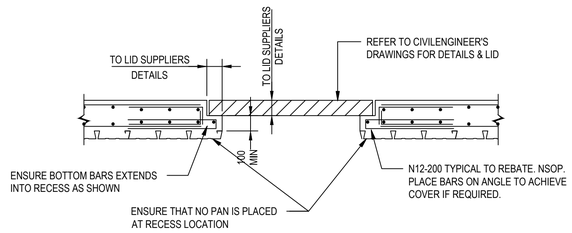
TYPICAL OSD TANK SECTION

REFER TO PLAN FOR LOCATIONS



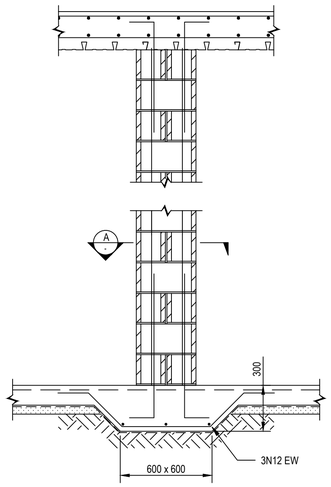
DETAIL OF SLAB DEPTH WITH PERMANENT FORMWORK

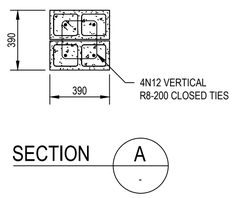
SCALE: 1 : 20



TYPICAL OSD LID DETAIL

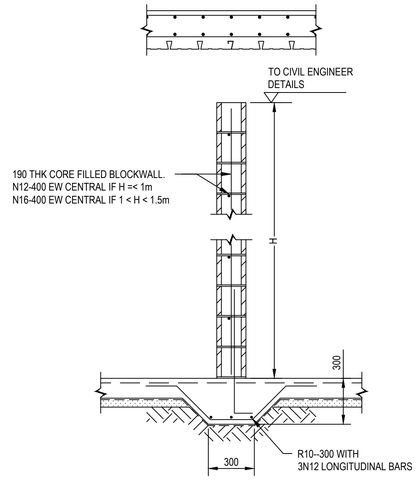
REFER TO PLAN FOR LOCATIONS





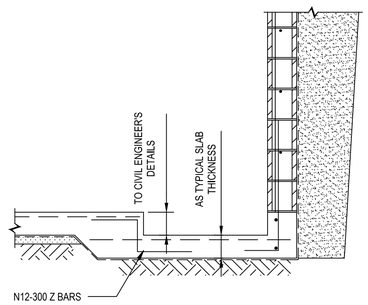
TYPICAL OSD TANK LOAD BEARING PIER DETAIL

REFER TO PLAN FOR LOCATIONS



TYPICAL INTERNAL WEIR WALL DETAIL

REFER TO PLAN FOR LOCATIONS



OSD TANK SUMP DETAIL

REFER TO PLAN FOR LOCATIONS

NOTES:

USE THE BELOW SPECIFICATIONS:

F'c = 40MPa

RIO COVER - 20mm

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Rev	Description	Date	By	App
P2	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC

Rev	Description	Date	By	App

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

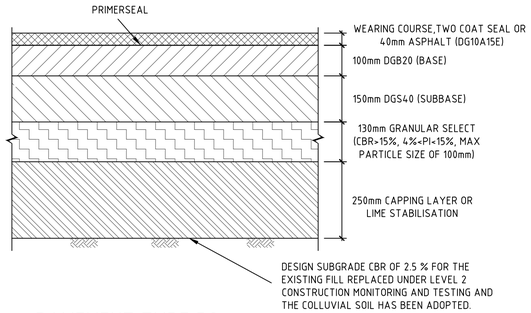
Drawing Title: EARLY WORKS ON-SITE DETENTION TANK DETAILS

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	NTS	North	
Date	OCT 2022		
Sheet	A1		

Project Ref	Drawing No	Rev
13084 01	C155	P1

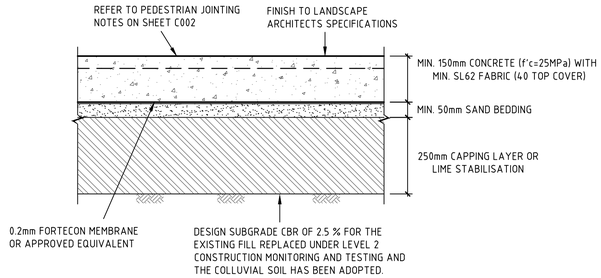
e: Plotted: 13.01.23 at 10:59 AM By: April Dianne



PAVEMENT TYPE P2
MEDIUM DUTY ASPHALT PAVEMENT

SCALE 1:10

DENOTED ON PLAN



PAVEMENT TYPE P7
CONCRETE FOOTPATH PAVEMENT

SCALE 1:10

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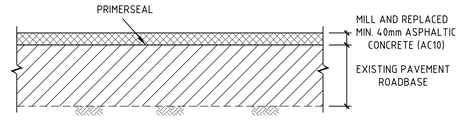
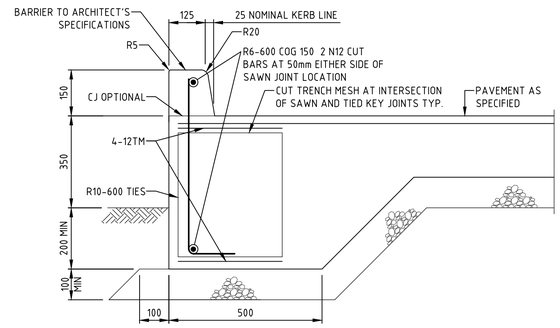


PAVEMENT TYPE P11
ASPHALT RESHEET

SCALE 1:10

DENOTED ON PLAN



INTERGRAL KERB WITH EDGE DOWNTURN (TALL KERB)

SCALE 1:10

ROAD DESIGN PARAMETERS (FLEXIBLE)

DESIGN TRAFFIC 9.4 X 10^6 ESA

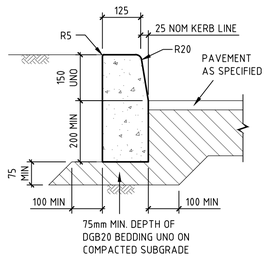
ASSUMPTIONS:

AN ESTIMATE OF THE DESIGN TRAFFIC FOR BOTH NORTHERN AND SOUTHERN CARPARKS HAS BEEN UNDERTAKEN BASED ON THE FOLLOWING:

- 40 YEAR DESIGN LIFE;
- AADT OF 75;
- 5% HEAVY VEHICLES;
- DIRECTIONAL FACTOR OF 1; AND
- 0.7 ESA/HVAG

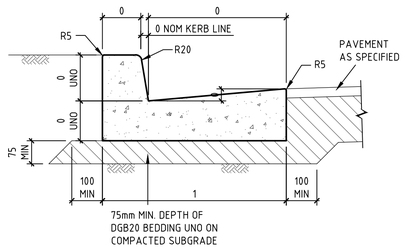
IF DESIGN TRAFFIC LOADINGS ARE DIFFERENT FOR THOSE INDICATED ABOVE OR IF TRAFFIC DATA IS OBTAINED. THEN FURTHER ASSESSMENT AND PAVEMENT DESIGN REVISIONS SHOULD BE MADE.

PREPARE SUBGRADE AND SELECT FILL IN ACCORDANCE WITH RP INFRASTRUCTURE REPORT ON GEOTECHNICAL ASSESSMENT FOR TAMWORTH HEALTH SERVICE REDEVELOPMENT: PROPOSED ON-GRADE CARPARKS AT DEAN STREET, TAMWORTH DATED 24 OCTOBER 2022. REF: RGS32576.1-AS.



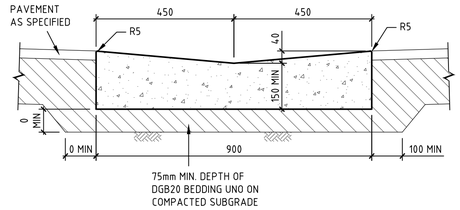
KERB ONLY (KO)

SCALE 1:10



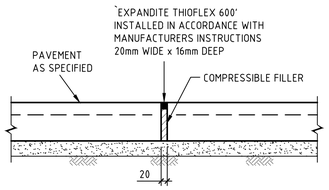
KERB AND GUTTER (KG)

SCALE 1:10



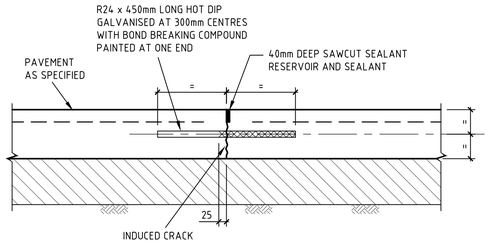
DISH DRAIN (DD)

SCALE 1:10



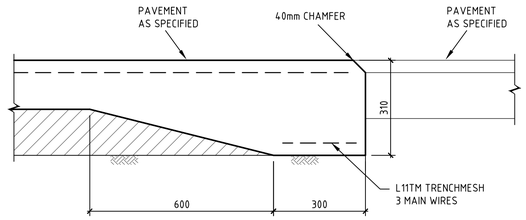
EXPANSION JOINT (EJ)

SCALE 1:10



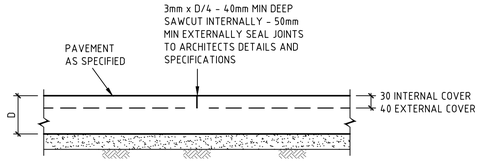
TRANSVERSE CONTRACTION JOINT (TCJ)

SCALE 1:10



EDGE THICKENING (ET)

SCALE 1:10

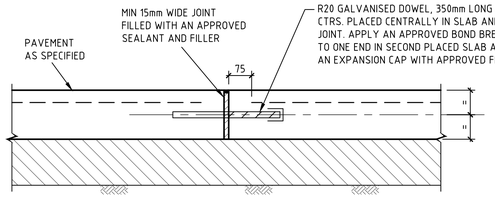


SAWCUT JOINT (SJ)

SCALE 1:10

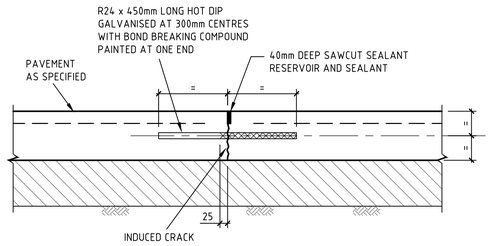
NOTES

1. SLAB MUST BE SAWCUT AS SOON AS PRACTICABLE AFTER FINISHING OF THE SLAB WITHOUT CAUSING DAMAGE TO THE SAWCUT EDGES - USUALLY 12-24 HOURS.
2. SLABS MUST NOT BE POURED IF TEMPERATURE EXCEEDS 32°
3. HOT WEATHER PLACING (25° AND OVER) MAY REQUIRE SLABS TO BE SAWCUT AS SOON AS 5-6 HOURS AFTER POURING.
4. ANY SLAB BAY IN WHICH SHRINKAGE CRACKS OCCUR DUE TO LATE SAWCUTTING MUST BE REMOVED AND REPLACED BY THE BUILDER/CONTRACTOR.



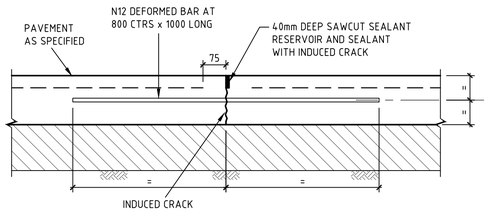
DOWELLED EXPANSION JOINT (DEJ)

SCALE 1:10



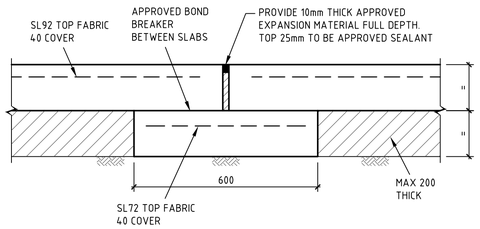
TRANSVERSE CONTRACTION JOINT (TCJ)

SCALE 1:10



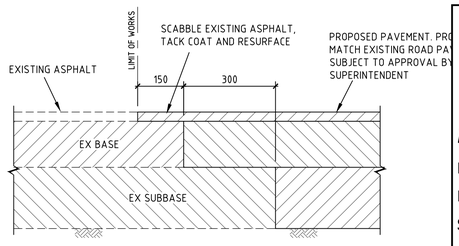
LONGITUDINAL WARPING JOINT (LWJ)

SCALE 1:10



ISOLATION JOINT (IJ) WITH SUBGRADE BEAM

SCALE 1:20



ASPHALT CONNECTION TO EXISTING PAVEMENT

SCALE 1:10

NSW GOVERNMENT Health Infrastructure

DETERMINED – APPROVAL

REF Approval No: 09/2023

Date: 29/3/2023

Signed by:

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Rev	Description	Date	By	App
P4	ISSUED FOR TENDER ADDENDUM	11.01.23	DH	YC
P3	ISSUED FOR TENDER	02.12.22	DH	YC
P2	ISSUED FOR COORDINATION	11.11.22	DH	YC
P1	ISSUED FOR COORDINATION	28.10.22	DH	YC

Rev	Description	Date	By	App

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Project Name: TAMWORTH MENTAL HEALTH UNIT DEAN STREET, TAMWORTH NSW

Drawing Title: EARLY WORKS PAVEMENT DETAILS

TENDER ADDENDUM

Designed	AM	Approved	YC
Drawn	DH	Date	OCT 2022
Scale	-	North	
Date	OCT 2021	Project Ref	13084 01
Sheet	A1	Drawing No	C170
		Rev	P4

File: Plotted: 11.01.23 at 8:49 PM By: Danjay Herrera