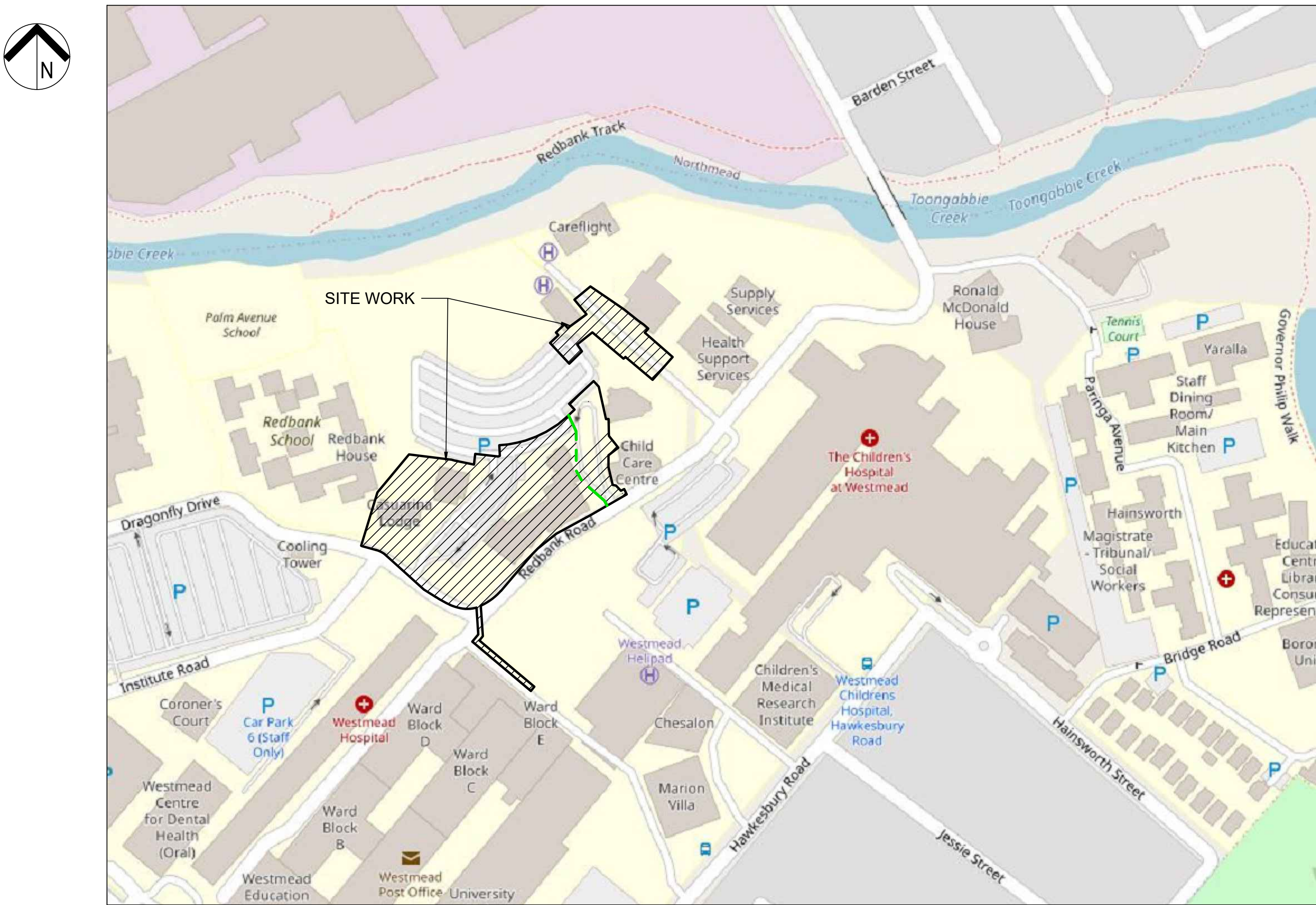


CUMBERLAND WEST MENTAL HEALTH SERVICES RELOCATION

INTEGRATED MENTAL HEALTH COMPLEX (IMHC) EARLY WORKS - CIVIL WORKS DESIGN DEVELOPMENT



LOCALITY PLAN
NOT TO SCALE

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DRAWING No.	DRAWING TITLE
IMHC-CV-DG-2001	COVER SHEET, LOCALITY PLAN AND DRAWING REGISTER
IMHC-CV-DG-2006	GENERAL NOTES - SHEET 1 OF 2
IMHC-CV-DG-2007	GENERAL NOTES - SHEET 2 OF 2
IMHC-CV-DG-2011	GENERAL LEGEND
IMHC-CV-DG-2100	SEDIMENT AND EROSION CONTROL - PLAN
IMHC-CV-DG-2191	SEDIMENT AND EROSION CONTROL - DETAILS
IMHC-CV-DG-2200	BULK EARTHWORKS - OVERALL SITE - PLAN
IMHC-CV-DG-2301	CIVIL WORKS - PLAN - SHEET 1 OF 2
IMHC-CV-DG-2302	CIVIL WORKS - PLAN - SHEET 2 OF 2
IMHC-CV-DG-2601	STORMWATER - PLAN - SHEET 1 OF 2
IMHC-CV-DG-2602	STORMWATER - PLAN - SHEET 2 OF 2
IMHC-CV-DG-2700	PAVEMENT - OVERALL SITE - PLAN
IMHC-CV-DG-2791	PAVEMENT - PROFILE
IMHC-CV-DG-2800	EXISTING UTILITIES - OVERALL SITE - PLAN
IMHC-CV-DG-2806	UTILITIES DIVERSION COORDINATION - PLAN



Health
Infrastructure

DETERMINED – APPROVAL
REF Approval No: 10/2023
Date: 3/5/2023
Signed by: *20309*

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REV	DATE	AMENDMENT
3	28/03/23	DESIGN DEVELOPMENT
2	27/03/23	DESIGN DEVELOPMENT
1	26/10/22	DESIGN DEVELOPMENT
0	30/09/22	DESIGN DEVELOPMENT

KEY PLAN

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PROJECT
**WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS**

PROJECT NO.
281916-00

DRAWING TITLE
**COVER SHEET, LOCALITY PLAN AND
DRAWING REGISTER**

STATUS
DESIGN DEVELOPMENT

DRAWN
CPL

DESIGNED
DT

CHECKED
AC

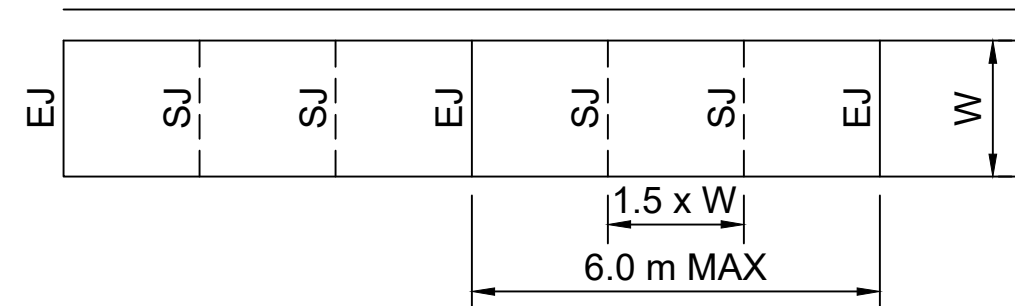
APPROVED
AC

SCALE @ B1
NOT TO SCALE

DRAWING NO.
IMHC-CV-DG-2001

REVISION
3

1. EXPANSION JOINTS (EJ) ARE TO BE LOCATED WHERE POSSIBLE AT TANGENT POINTS OF CURVES AND ELSEWHERE AT A MAXIMUM SPACING OF 6 m.
2. SAWN JOINTS (SJ) ARE TO BE LOCATED AT 1.5 x WIDTH OF THE PAVEMENT.
3. WHERE POSSIBLE THE JOINTS SHALL BE LOCATED TO MATCH THE KERBING AND OR ADJACENT PAVEMENT JOINTS.
4. GENERALLY THE FOOTPATH PAVEMENT JOINTS SHOULD FOLLOW THE BELOW LAYOUT, UNLESS SHOWN OTHERWISE ON THE CIVIL DRAWINGS.



1. ALL LINE MARKING TO BE IN ACCORDANCE WITH ROADS AND MARITIME SERVICES QA SPEC R141 AND ROADS AND MARITIME SERVICES DELINEATION GUIDELINES.



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PROJECT NO.
281916-00

DRAWING TITLE
**GENERAL
NOTES
SHEET 2 OF 2**

DRAWN DESIGNED
CPL DT

CHECKED AC	APPROVED AC
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SCALE @ B1
NOT TO SCALE

DRAWING NO.
IMHC-CV-DG-2007

REVISION
2

EXISTING FEATURES

	BOUNDARY
	DRIVEWAY, PATH OR CYCLEWAY
	TOP OF BATTER
	BOTTOM OF BATTER
	KERB AND GUTTER
	KERB ONLY
	KERB INLET PIT
	DISHED CROSSING
	FENCE
	EDGE OF GARDEN
	SPOT LEVEL
	BOLLARDS
	CONTOURS
	TREE
	BENCHMARK
	TELSTRA PIT
	COMMS PIT
	ELECTRIC LIGHT POLE
	ELECTRICITY PIT
	ELECTRICITY SWITCHBOARD
	ELECTRICAL PLAQUE
	EARTHING ROD
	ELECTRICITY BOX
	CARD SWIPE
	AIR CONDITIONER UNIT
	POLE
	TICKET MACHINE
	VENDING MACHINE
	STREET SIGN
	BOLLARD
	PIT WITH CONCRETE LID
	PIT WITH METAL LID
	GRATED INLET PIT
	KERB INLET PIT
	STORMWATER PIT
	MANHOLE
	INTERCOM
	BOOM GATE
	GATE
	SEWER INSPECTION POINT
	SEWER VENT
	MONITOR WELL
	SEWER MANHOLE
	LAMP HOLE
	STOP VALVE
	HYDRANT
	FIRE HYDRANT
	FIRE HOSE REEL
	WATER METER
	WATER TAP
	IRRIGATION CONTROL VALVE
	GAS VALVE
	GAS PLAQUE
	GAS MARKER
	GAS PILLAR
	NITRO VALVE
	INSPECTION OPENING
	INSPECTION PIT
	DIP POINT
	VEHICLE CROSSING
	PRAM CROSSING
	TOP OF FENCE LEVEL
	SECURITY CAMERA
	INVERT LEVEL
	DEPTH TO SERVICE
	UNABLE TO OPEN PIT
	END OF TRACE OF SERVICE
	QUALITY LEVEL 'D' TRACE









EXISTING UTILITIES

— E — E —	ELECTRICAL
— E(D) — E(D) —	ELECTRICAL - DETECTED
— LV — LV —	ELECTRICAL - LOW
— HV — HV —	ELECTRICAL - HIGH
— P — P —	ELECTRICAL - DBYD
— S — S —	SEWER
— S(D) — S(D) —	SEWER - DETECTED
— TS — TS —	SEWER - TUNNEL
— D — D —	STORMWATER
— SW — SW —	STORMWATER
— SW(D) — SW(D) —	STORMWATER - DETECTED
— G — G —	GAS
— G(D) — G(D) —	GAS - DETECTED
— C — C —	COMMS - DBYD
— C(D) — C(D) —	COMMS - DETECTED
— W(D) — W(D) —	WATER - DETECTED
— TW — TW —	TRADE WATER
— F — F —	WATER - FIRE












* IMPACTS ON EXISTING UTILITIES, INCLUDING REQUIRED DIVERSIONS, PROTECTION AND MODIFICATION WORKS ARE NOT SHOWN IN THIS SET OF CIVIL ENGINEERING DRAWINGS. REFER TO DOCUMENTATION OF THE RELEVANT ENGINEERING AND TECHNICAL SERVICE CONSULTANTS. UTILITIES WORKS ARE TO BE COORDINATED WITH CIVIL ENGINEERING WORKS

** EXISTING AND PROPOSED STORMWATER IS COVERED IN THIS CIVIL DESIGN PACKAGE











SEDIMENT AND EROSION

	TEMPORARY CONSTRUCTION EXIT
	SEDIMENT FENCE
	SEDIMENT TRAP
	FABRIC STOCKING KERB INLET
	DIVERSION BANK AND CHANNEL
	STOCKPILE
	OVERLAND FLOW
	SEDIMENT BASIN

CIVIL WORKS

	EXTENT OF WORKS BOUNDARY
	EDGE OF BITUMEN
	KERB AND GUTTER TO PCC STD DRG No DS1
	KERB ONLY TO PCC STD DRG No DS1
	TURNING LINE
	CONTINUITY LINE
	DIVIDING BARRIER LINE
	MINOR CONTOUR
	MAJOR CONTOUR
	DISUSE / REMOVE
	FENCE

PROPOSED DRAINAGE

	STORMWATER PIPE
	PIPE SIZE AND FLOW ARROW
	STORMWATER GRATED INLET PIT
	INSPECTION PIT
	KERB INLET PIT
	TRENCH DRAIN
	PIT LABEL LINE NUMBER 01 / PIT NUMBER 1
	EXISTING STORMWATER
	EXISTING STORMWATER
	EXISTING STORMWATER - DETECTED

RETAINING WALL

 TYPE 2 - > 1 m

CITY OF PARRAMATTA COUNCIL (COPC)
STANDARD DRAWINGS TO BE REFERRED TO AS
NOTED ON PLANS AND SPECIFICATION

<u>DRAWING No.</u>	<u>TITLE</u>
DS1	KERBS AND LAYBACKS
DS2	ROOFWATER OUTLET
DS3	FOOTPATH
DS4	KERB RAMP
DS5	DISH DRAIN CROSSING DETAIL
DS6	TYPICAL CYCLEWAY/SHARED PATHWAY
DS8	STANDARD VEHICULAR CROSSING
DS9	HEAVY DUTY VEHICULAR CROSSING
DS10	VEHICULAR CROSSING PROFILES
DS11B	SIGN SUPPORT POST
DS21	STANDARD KERB INLET PIT (ON GRADE)
DS23	STANDARD SURCHARGE PIT
DS24	GRATED SAG PIT USING PRECAST LINTEL
DS25	SURFACE INLET PIT FOR FOOTPATHS
DS25	SURFACE INLET PIT FOR OPEN SPACE AREAS
DS26	STANDARD JUNCTION PIT
DS26	HEAVY DUTY JUNCTION PIT
DS31	TWIN GRATED GULLY PIT WITH EXTENDED KERB INLET
DS33	SUBSOIL DRAINAGE DETAILS
DS36	HEADWALLS FOR CULVERTS UP TO 900 DIAMETER
DS37	STANDARD FOR INSTALLATION OF PIPELINES AND RESTORATION OF TRENCHES
DS43	TREE PROTECTION TIMBER HOARDING

TRANSPORT FOR NEW SOUTH WALES (TfNSW)
STANDARD DRAWINGS TO BE REFERRED TO AS
NOTED ON PLANS AND SPECIFICATION

<u>DRAWING REF No.</u>	<u>TITLE</u>
DS2012/000293	PAVEMENT STANDARD DRAWINGS RIGID PAVEMENT BICYCLE PATH DESIGN
DS2014/005559	PAVEMENT STANDARD DRAWINGS RIGID PAVEMENT VOLUME CJ - JOINTED REINFORCED CONCRETE PAVEMENT

 NSW GOVERNMENT	Health Infrastructure
<i>DETERMINED – APPROVAL</i>	
REF Approval No: 2023/01	
Date: 3/5/2023	
Signed by: 	

NOT FOR CONSTRUCTION

2	21/02/21	DESIGN DEVELOPMENT
1	25/11/20	DESIGN DEVELOPMENT
0	30/09/20	DESIGN DEVELOPMENT
REV	DATE	AMENDMENT

KEY PLAN

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PROJECT
WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS

PROJECT NO.
281916-00

DRAWING TITLE
**GENERAL
LEGEND**

STATUS

DESIGN DEVELOPMENT

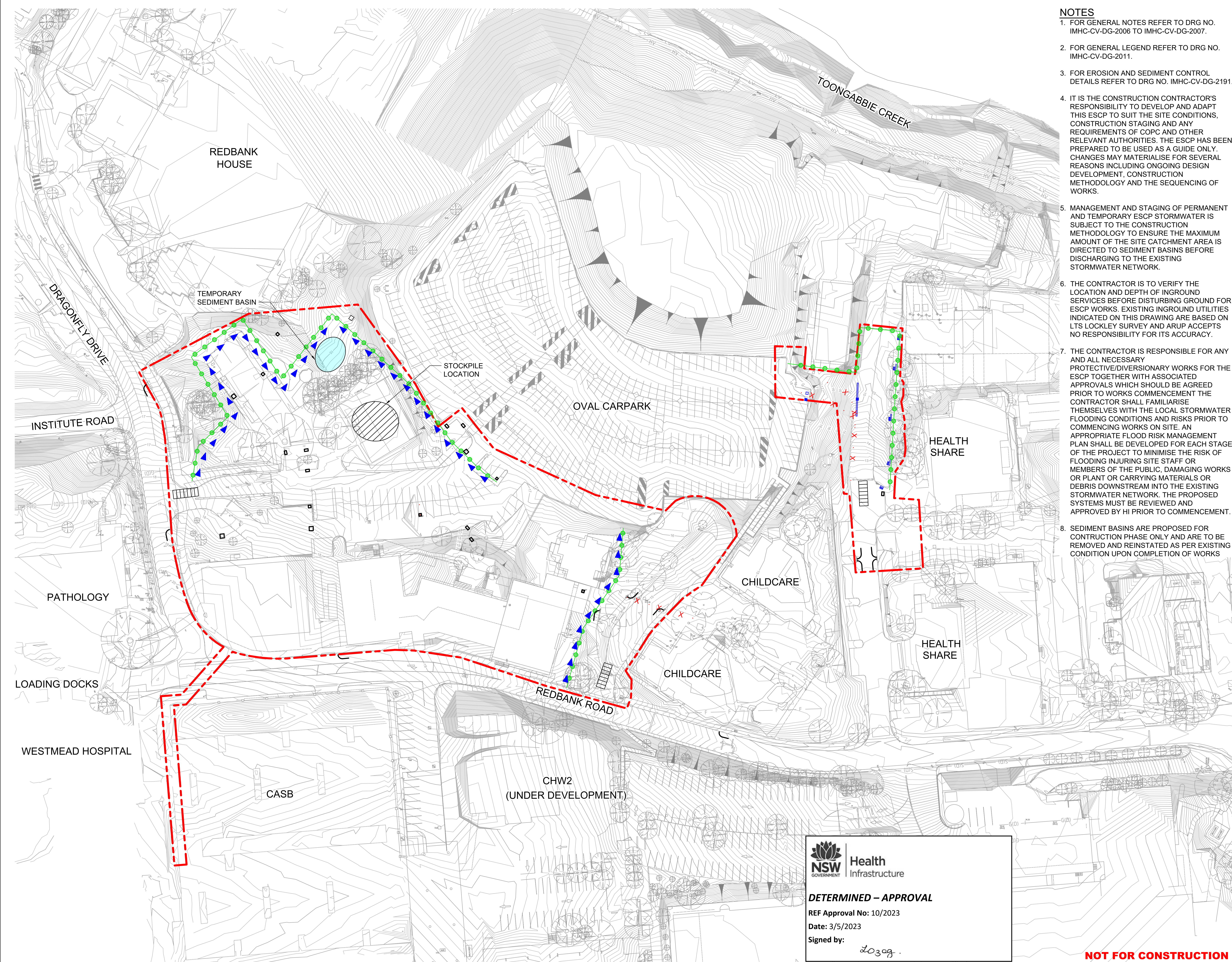
DRAWN
CPL

DESIGNED
DT

CHECKED	APPROVED
AC	AC

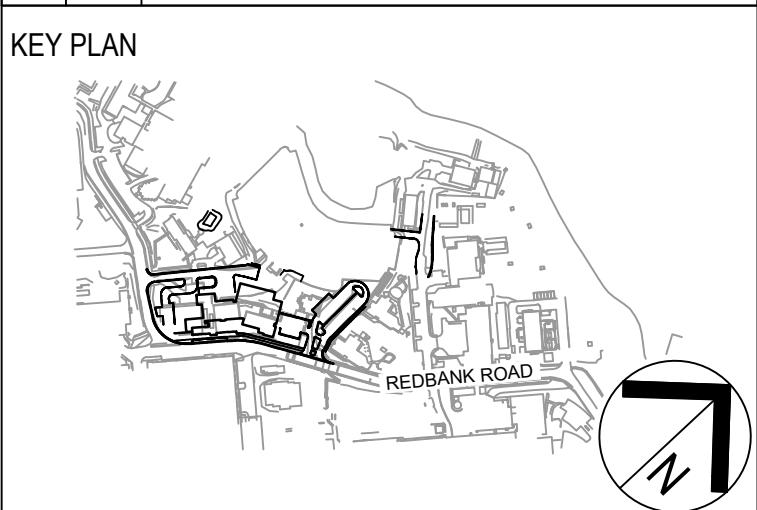
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DRAWING NO. **IMHC-CV-DG-2011** REVISION **2**



- NOTES**
1. FOR GENERAL NOTES REFER TO DRG NO. IMHC-CV-DG-2006 TO IMHC-CV-DG-2007.
 2. FOR GENERAL LEGEND REFER TO DRG NO. IMHC-CV-DG-2011.
 3. FOR EROSION AND SEDIMENT CONTROL DETAILS REFER TO DRG NO. IMHC-CV-DG-2191.
 4. IT IS THE CONSTRUCTION CONTRACTOR'S RESPONSIBILITY TO DEVELOP AND ADAPT THIS ESCP TO SUIT THE SITE CONDITIONS, CONSTRUCTION STAGING AND ANY REQUIREMENTS OF COPC AND OTHER RELEVANT AUTHORITIES. THE ESCP HAS BEEN PREPARED TO BE USED AS A GUIDE ONLY. CHANGES MAY MATERIALISE FOR SEVERAL REASONS INCLUDING ONGOING DESIGN DEVELOPMENT, CONSTRUCTION METHODOLOGY AND THE SEQUENCING OF WORKS.
 5. MANAGEMENT AND STAGING OF PERMANENT AND TEMPORARY ESCP STORMWATER IS SUBJECT TO THE CONSTRUCTION METHODOLOGY TO ENSURE THE MAXIMUM AMOUNT OF THE SITE CATCHMENT AREA IS DIRECTED TO SEDIMENT BASINS BEFORE DISCHARGING TO THE EXISTING STORMWATER NETWORK.
 6. THE CONTRACTOR IS TO VERIFY THE LOCATION AND DEPTH OF INGROUND SERVICES BEFORE DISTURBING GROUND FOR ESCP WORKS. EXISTING INGROUND UTILITIES INDICATED ON THIS DRAWING ARE BASED ON LTS LOCKLEY SURVEY AND ARUP ACCEPTS NO RESPONSIBILITY FOR ITS ACCURACY.
 7. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL NECESSARY PROTECTIVE/DIVERSIONARY WORKS FOR THE ESCP TOGETHER WITH ASSOCIATED APPROVALS WHICH SHOULD BE AGREED PRIOR TO WORKS COMMENCEMENT THE CONTRACTOR SHALL FAMILIARISE THEMSELVES WITH THE LOCAL STORMWATER FLOODING CONDITIONS AND RISKS PRIOR TO COMMENCING WORKS ON SITE. AN APPROPRIATE FLOOD RISK MANAGEMENT PLAN SHALL BE DEVELOPED FOR EACH STAGE OF THE PROJECT TO MINIMISE THE RISK OF FLOODING INJURING SITE STAFF OR MEMBERS OF THE PUBLIC, DAMAGING WORKS OR PLANT OR CARRYING MATERIALS OR DEBRIS DOWNSTREAM INTO THE EXISTING STORMWATER NETWORK. THE PROPOSED SYSTEMS MUST BE REVIEWED AND APPROVED BY HI PRIOR TO COMMENCEMENT.
 8. SEDIMENT BASINS ARE PROPOSED FOR CONSTRUCTION PHASE ONLY AND ARE TO BE REMOVED AND REINSTATED AS PER EXISTING CONDITION UPON COMPLETION OF WORKS

REV	DATE	AMENDMENT
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PROJECT
**WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS**

PROJECT NO.
281916-00

DRAWING TITLE
**EROSION AND SEDIMENT CONTROL
OVERALL SITE
PLAN**

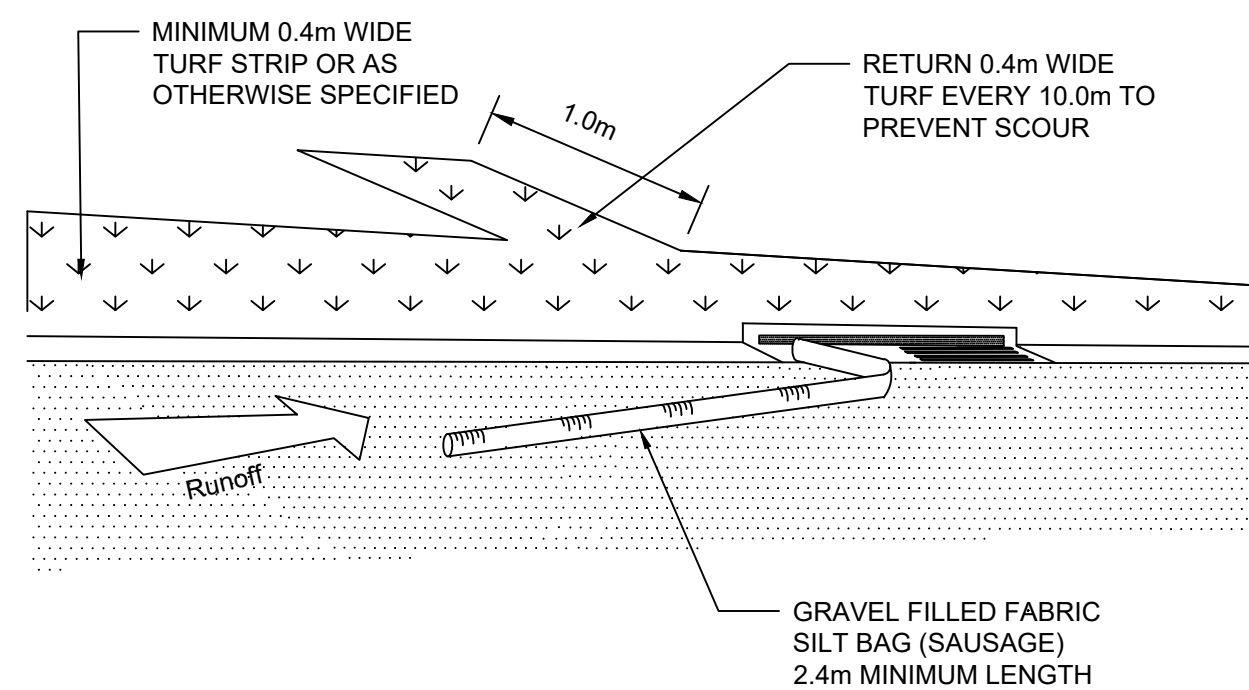
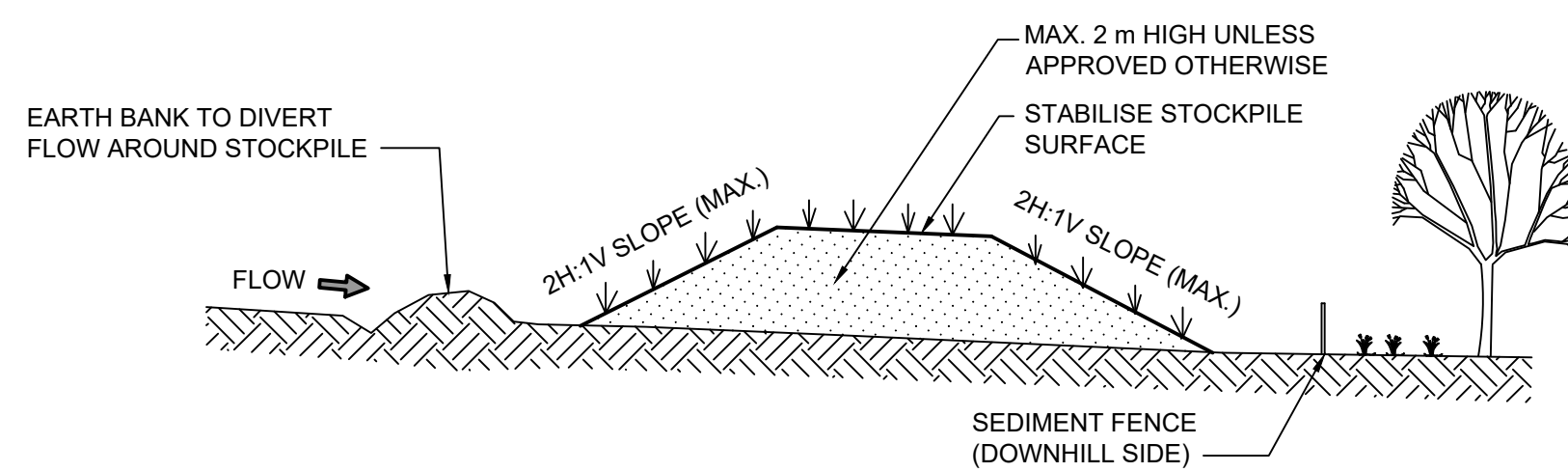
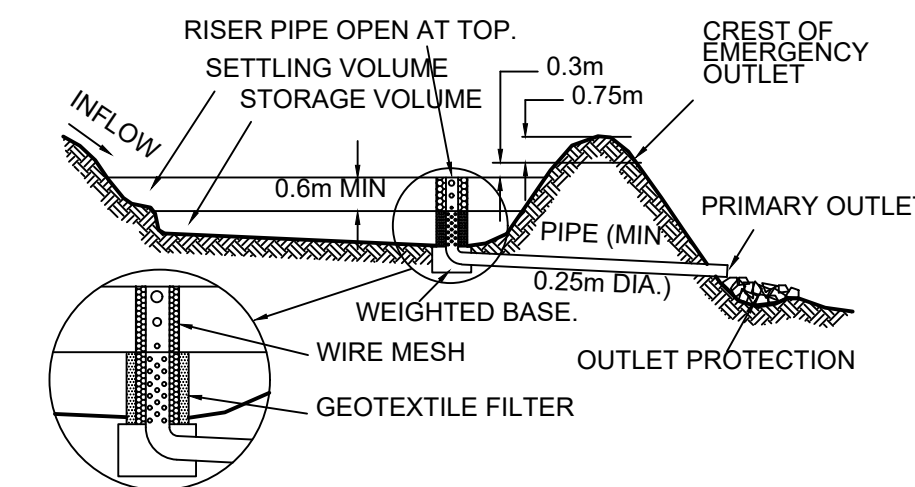
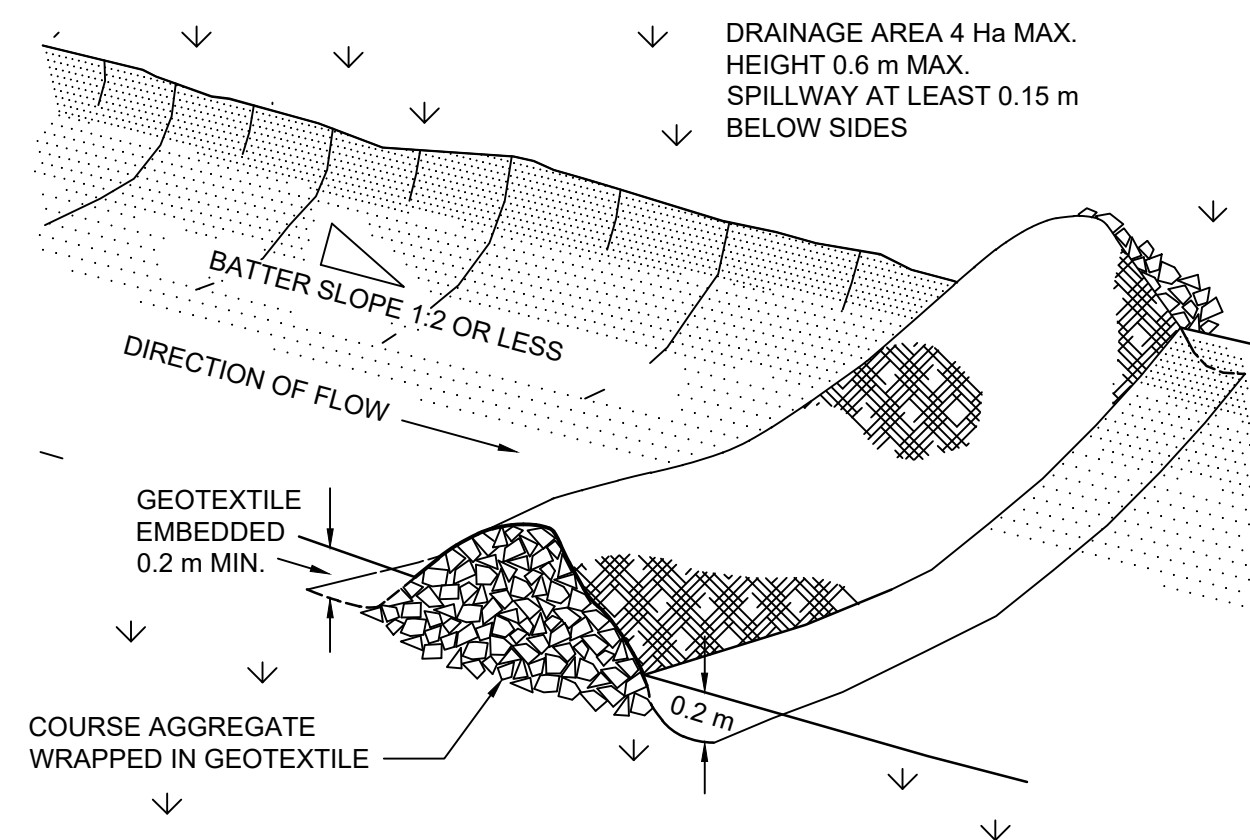
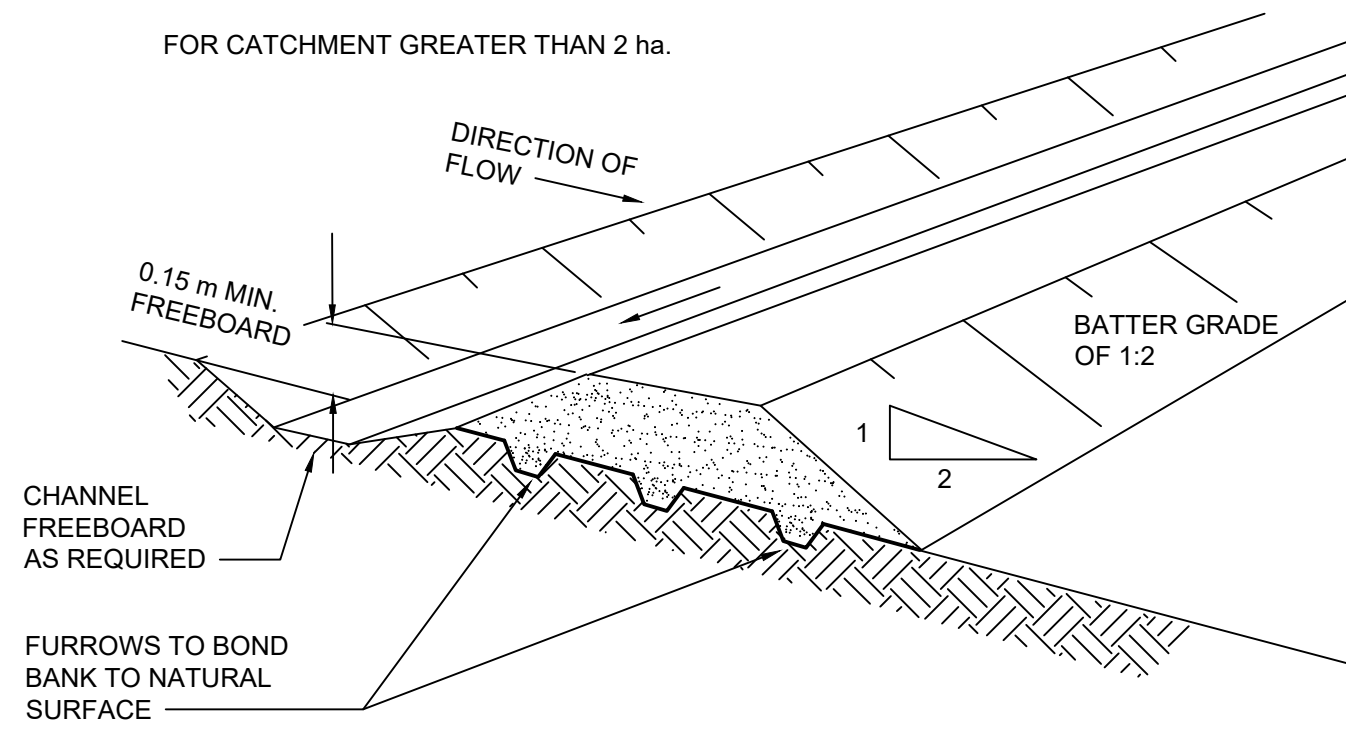
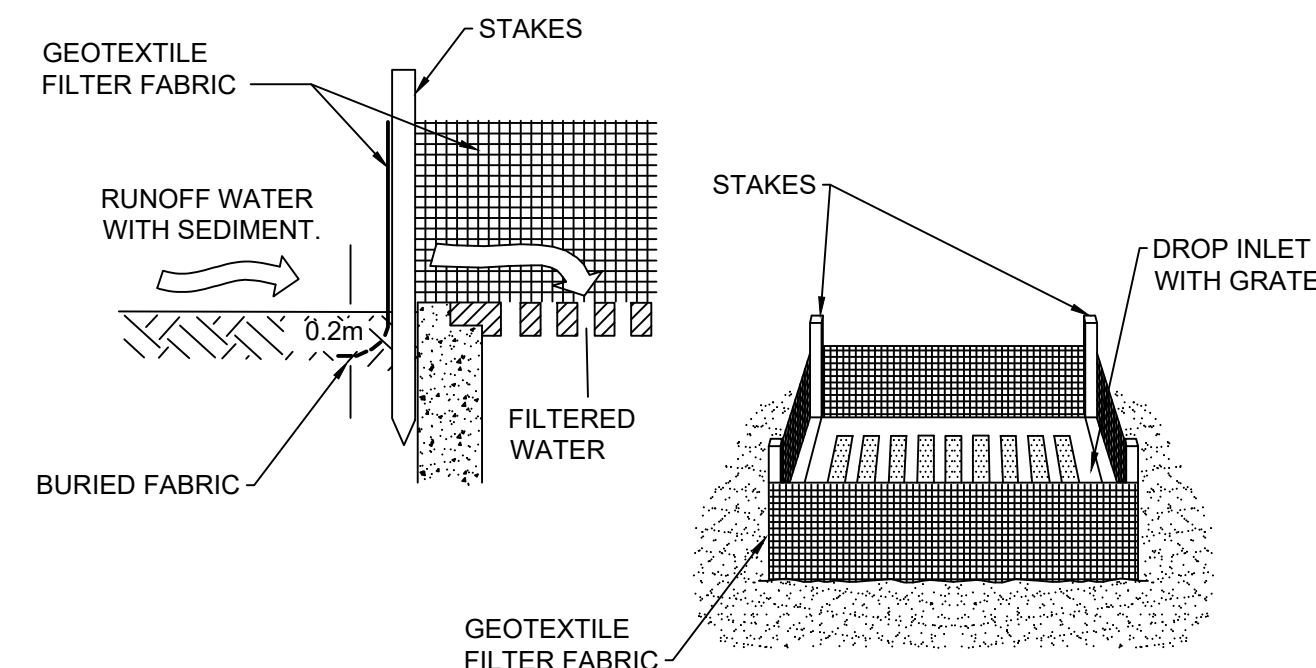
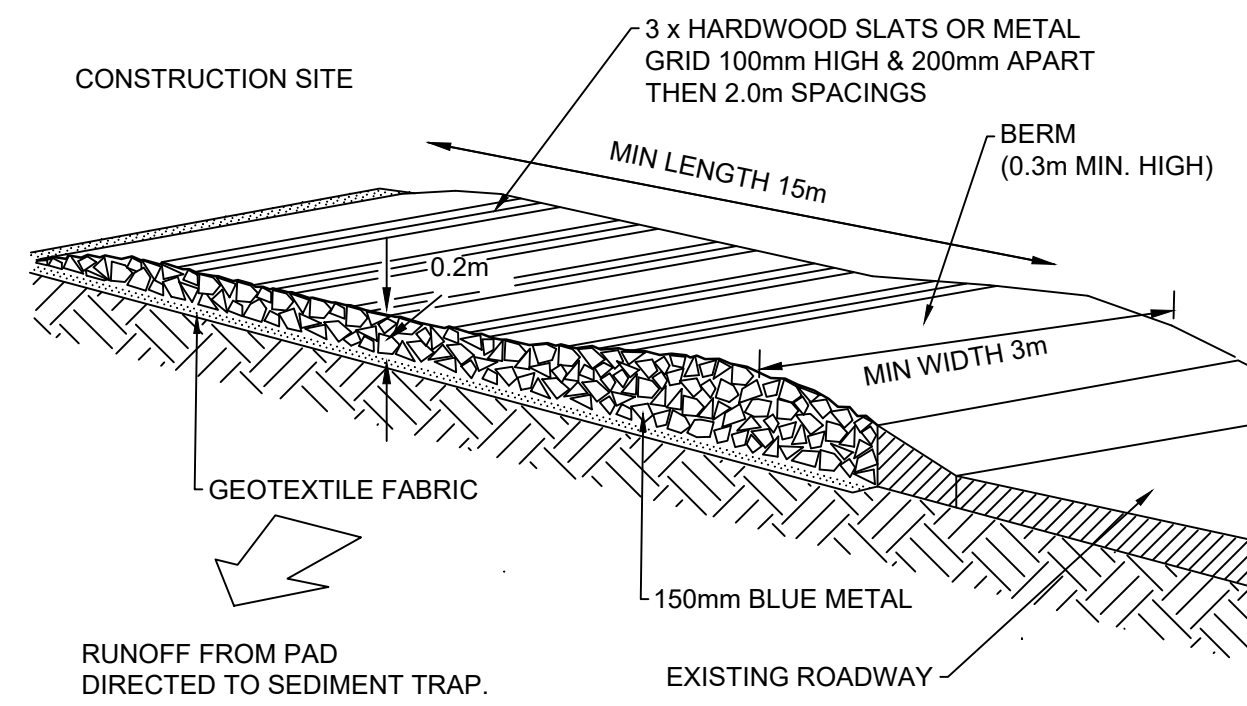
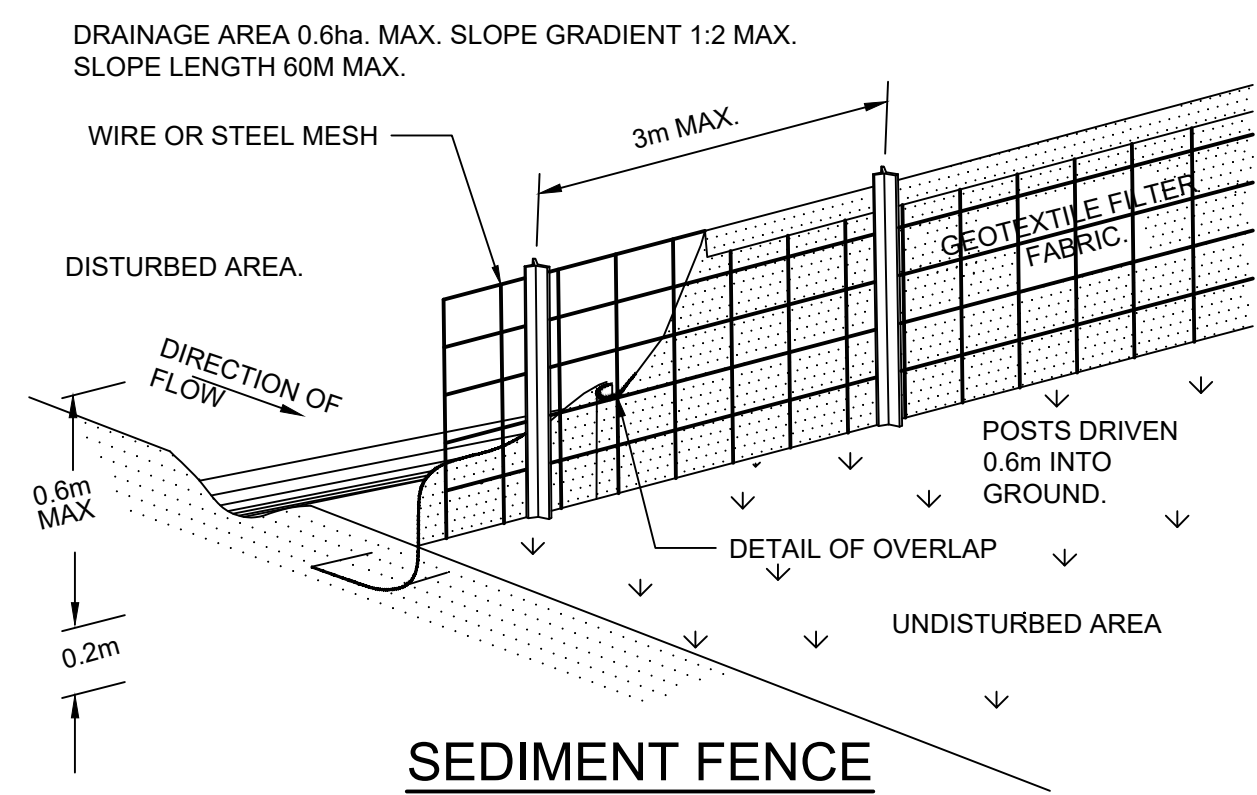
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CHECKED AC	APPROVED AC

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NSW GOVERNMENT | Health
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DETERMINED – APPROVAL
REF Approval No: 10/2023
Date: 3/5/2023
Signed by: *2030g*

NOT FOR CONSTRUCTION



DETERMINED – APPROVAL

REF Approval No: 10/2023

Date: 3/5/2023

Signed by: *20309*

2	21/02/23	DESIGN DEVELOPMENT
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0	30/09/22	DESIGN DEVELOPMENT
REV	DATE	AMENDMENT

KEY PLAN

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PROJECT
**WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS**

PROJECT NO.
281916-00

DRAWING TITLE
**EROSION AND SEDIMENT CONTROL
DETAILS**

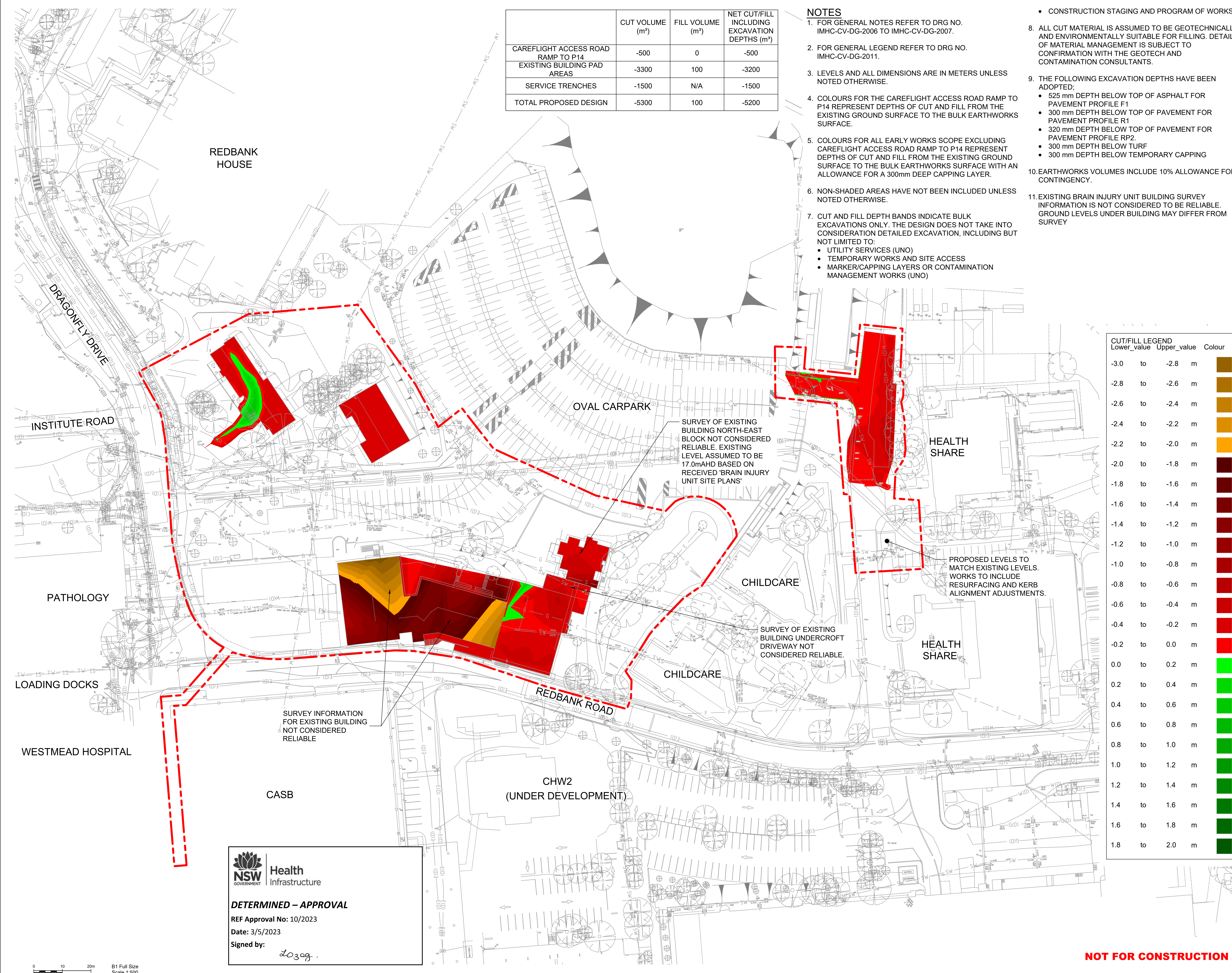
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DRAWN CPL	DESIGNED DT
CHECKED AC	APPROVED AC

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DRAWING NO.
IMHC-CV-DG-2191

REVISION
2

NOT FOR CONSTRUCTION



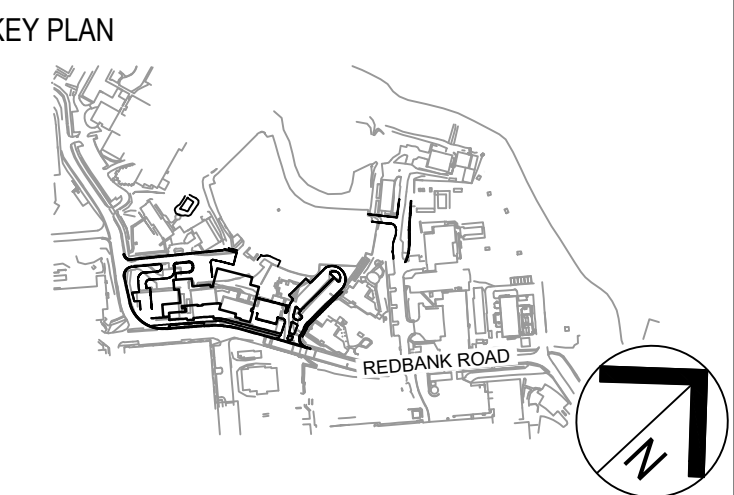
	CUT VOLUME (m³)	FILL VOLUME (m³)	NET CUT/FILL INCLUDING EXCAVATION DEPTHS (m³)
CAREFLIGHT ACCESS ROAD RAMP TO P14	-500	0	-500
EXISTING BUILDING PAD AREAS	-3300	100	-3200
SERVICE TRENCHES	-1500	N/A	-1500
TOTAL PROPOSED DESIGN	-5300	100	-5200

NOTES

- FOR GENERAL NOTES REFER TO DRG NO. IMHC-CV-DG-2006 TO IMHC-CV-DG-2007.
- FOR GENERAL LEGEND REFER TO DRG NO. IMHC-CV-DG-2011.
- LEVELS AND ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.
- COLOURS FOR THE CAREFLIGHT ACCESS ROAD RAMP TO P14 REPRESENT DEPTHS OF CUT AND FILL FROM THE EXISTING GROUND SURFACE TO THE BULK EARTHWORKS SURFACE.
- COLOURS FOR ALL EARLY WORKS SCOPE EXCLUDING CAREFLIGHT ACCESS ROAD RAMP TO P14 REPRESENT DEPTHS OF CUT AND FILL FROM THE EXISTING GROUND SURFACE TO THE BULK EARTHWORKS SURFACE WITH AN ALLOWANCE FOR A 300mm DEEP CAPPING LAYER.
- NON-SHADED AREAS HAVE NOT BEEN INCLUDED UNLESS NOTED OTHERWISE.
- CUT AND FILL DEPTH BANDS INDICATE BULK EXCAVATIONS ONLY. THE DESIGN DOES NOT TAKE INTO CONSIDERATION DETAILED EXCAVATION, INCLUDING BUT NOT LIMITED TO:
 - UTILITY SERVICES (UNO)
 - TEMPORARY WORKS AND SITE ACCESS
 - MARKER/CAPPING LAYERS OR CONTAMINATION MANAGEMENT WORKS (UNO)
- CONSTRUCTION STAGING AND PROGRAM OF WORKS
- ALL CUT MATERIAL IS ASSUMED TO BE GEOTECHNICALLY AND ENVIRONMENTALLY SUITABLE FOR FILLING. DETAILS OF MATERIAL MANAGEMENT IS SUBJECT TO CONFIRMATION WITH THE GEOTECH AND CONTAMINATION CONSULTANTS.
- THE FOLLOWING EXCAVATION DEPTHS HAVE BEEN ADOPTED:
 - 525 mm DEPTH BELOW TOP OF ASPHALT FOR PAVEMENT PROFILE F1
 - 300 mm DEPTH BELOW TOP OF PAVEMENT FOR PAVEMENT PROFILE R1
 - 320 mm DEPTH BELOW TOP OF PAVEMENT FOR PAVEMENT PROFILE RP2.
 - 300 mm DEPTH BELOW TURF
 - 300 mm DEPTH BELOW TEMPORARY CAPPING
- EARTHWORKS VOLUMES INCLUDE 10% ALLOWANCE FOR CONTINGENCY.
- EXISTING BRAIN INJURY UNIT BUILDING SURVEY INFORMATION IS NOT CONSIDERED TO BE RELIABLE. GROUND LEVELS UNDER BUILDING MAY DIFFER FROM SURVEY

CUT/FILL LEGEND			
Lower_value	Upper_value	Colour	
-3.0	to -2.8	m	
-2.8	to -2.6	m	
-2.6	to -2.4	m	
-2.4	to -2.2	m	
-2.2	to -2.0	m	
-2.0	to -1.8	m	
-1.8	to -1.6	m	
-1.6	to -1.4	m	
-1.4	to -1.2	m	
-1.2	to -1.0	m	
-1.0	to -0.8	m	
-0.8	to -0.6	m	
-0.6	to -0.4	m	
-0.4	to -0.2	m	
-0.2	to 0.0	m	
0.0	to 0.2	m	
0.2	to 0.4	m	
0.4	to 0.6	m	
0.6	to 0.8	m	
0.8	to 1.0	m	
1.0	to 1.2	m	
1.2	to 1.4	m	
1.4	to 1.6	m	
1.6	to 1.8	m	
1.8	to 2.0	m	

REV	DATE	AMENDMENT
3	28/03/23	DESIGN DEVELOPMENT
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PROJECT
WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS

PROJECT NO.
281916-00

DRAWING TITLE
BULK EARTHWORKS
OVERALL SITE
PLAN

STATUS
DESIGN DEVELOPMENT

DRAWN
CPL

DESIGNED
DT

CHECKED
AC

APPROVED
AC

SCALE @ B1
1:500m

DRAWING NO.
IMHC-CV-DG-2200

REVISION
3

NSW GOVERNMENT | **Health Infrastructure**

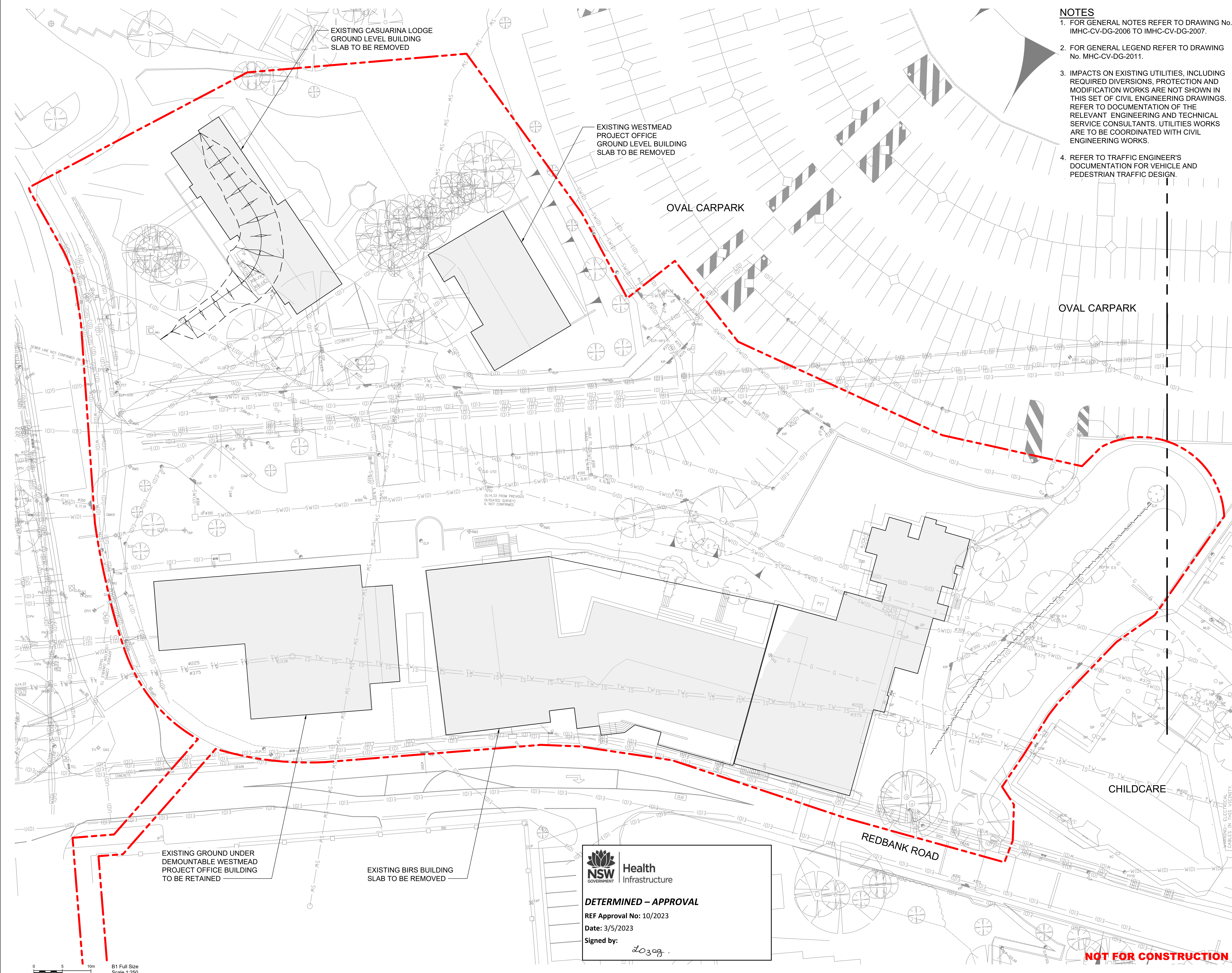
DETERMINED – APPROVAL

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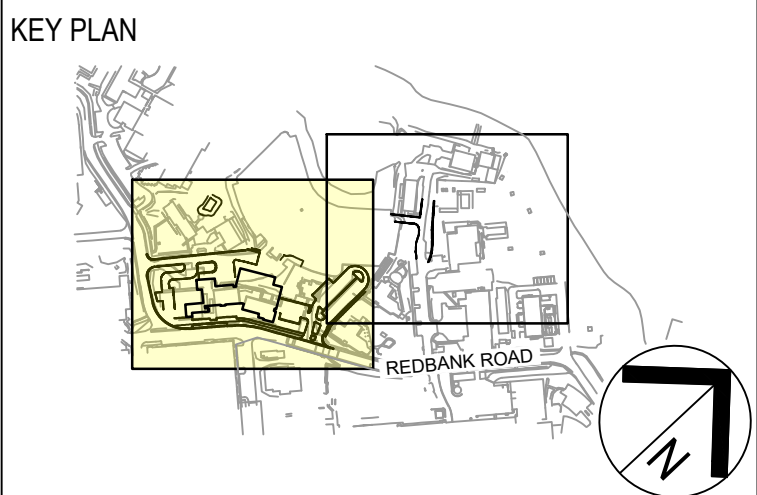
Signed by: *20309*

NOT FOR CONSTRUCTION



- NOTES**
1. FOR GENERAL NOTES REFER TO DRAWING No. IMHC-CV-DG-2006 TO IMHC-CV-DG-2007.
 2. FOR GENERAL LEGEND REFER TO DRAWING No. MHC-CV-DG-2011.
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 4. REFER TO TRAFFIC ENGINEER'S DOCUMENTATION FOR VEHICLE AND PEDESTRIAN TRAFFIC DESIGN.

REV	DATE	AMENDMENT
2	21/02/23	DESIGN DEVELOPMENT
1	25/10/22	DESIGN DEVELOPMENT
0	30/09/22	DESIGN DEVELOPMENT



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Arup, Barrack Place, Level 5, 151 Clarence St
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Western Sydney Local Health District

NSW GOVERNMENT Health
Infrastructure

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PROJECT
WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS

PROJECT NO.
281916-00

DRAWING TITLE
CIVIL WORKS
PLAN
SHEET 1 OF 2

STATUS
DESIGN DEVELOPMENT

DRAWN
CPL

DESIGNED
DT

CHECKED
AC

APPROVED
AC

SCALE @ B1
1:250m

DRAWING NO.
IMHC-CV-DG-2301

REVISION
2

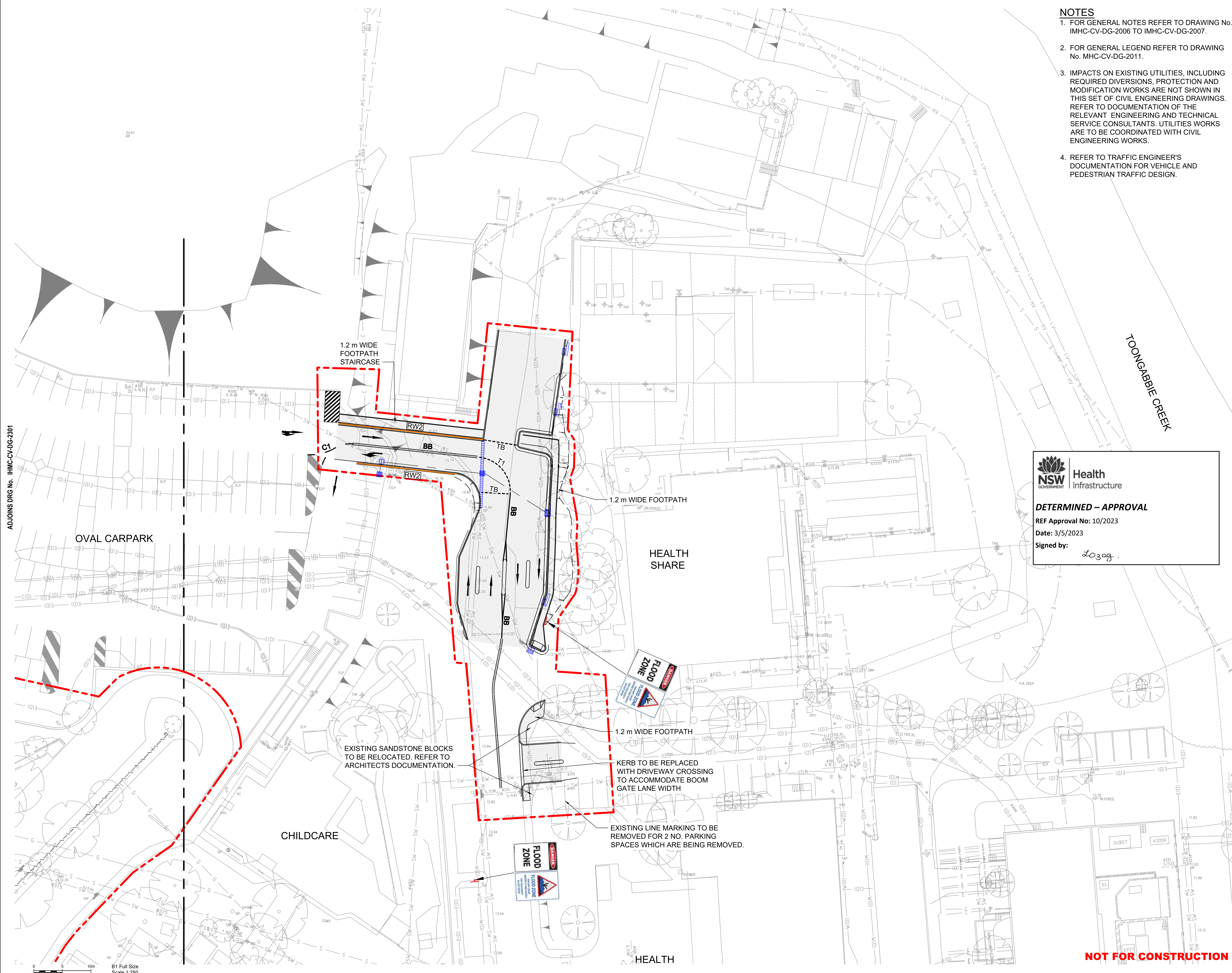
NSW GOVERNMENT Health
Infrastructure

DETERMINED – APPROVAL

REF Approval No: 10/2023
Date: 3/5/2023
Signed by: *Lozcg*

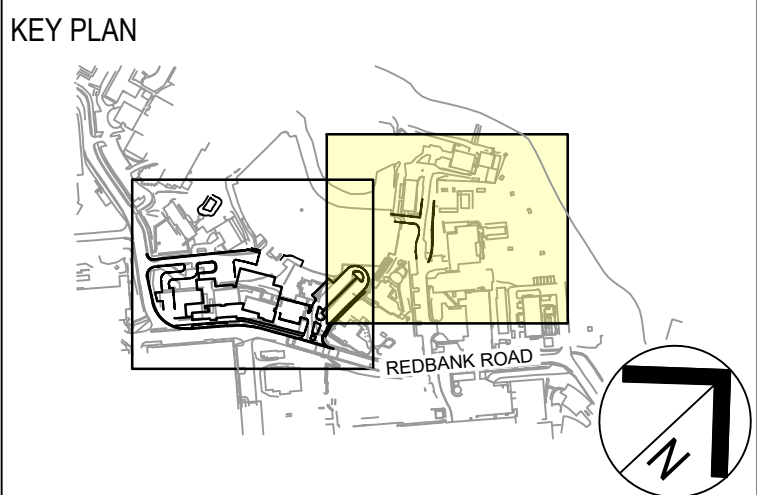
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Scale 1:250

NOT FOR CONSTRUCTION



- NOTES**
1. FOR GENERAL NOTES REFER TO DRAWING No. IMHC-CV-DG-2006 TO IMHC-CV-DG-2007.
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REV	DATE	AMENDMENT
3	28/03/23	DESIGN DEVELOPMENT
2	27/03/23	DESIGN DEVELOPMENT
1	26/10/22	DESIGN DEVELOPMENT
0	30/09/22	DESIGN DEVELOPMENT



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PROJECT
**WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS**

PROJECT NO.
281916-00

DRAWING TITLE
**CIVIL WORKS
PLAN
SHEET 2 OF 2**

STATUS DESIGN DEVELOPMENT	
DRAWN CPL	DESIGNED DT
CHECKED AC	APPROVED AC

SCALE @ B1
1:250m

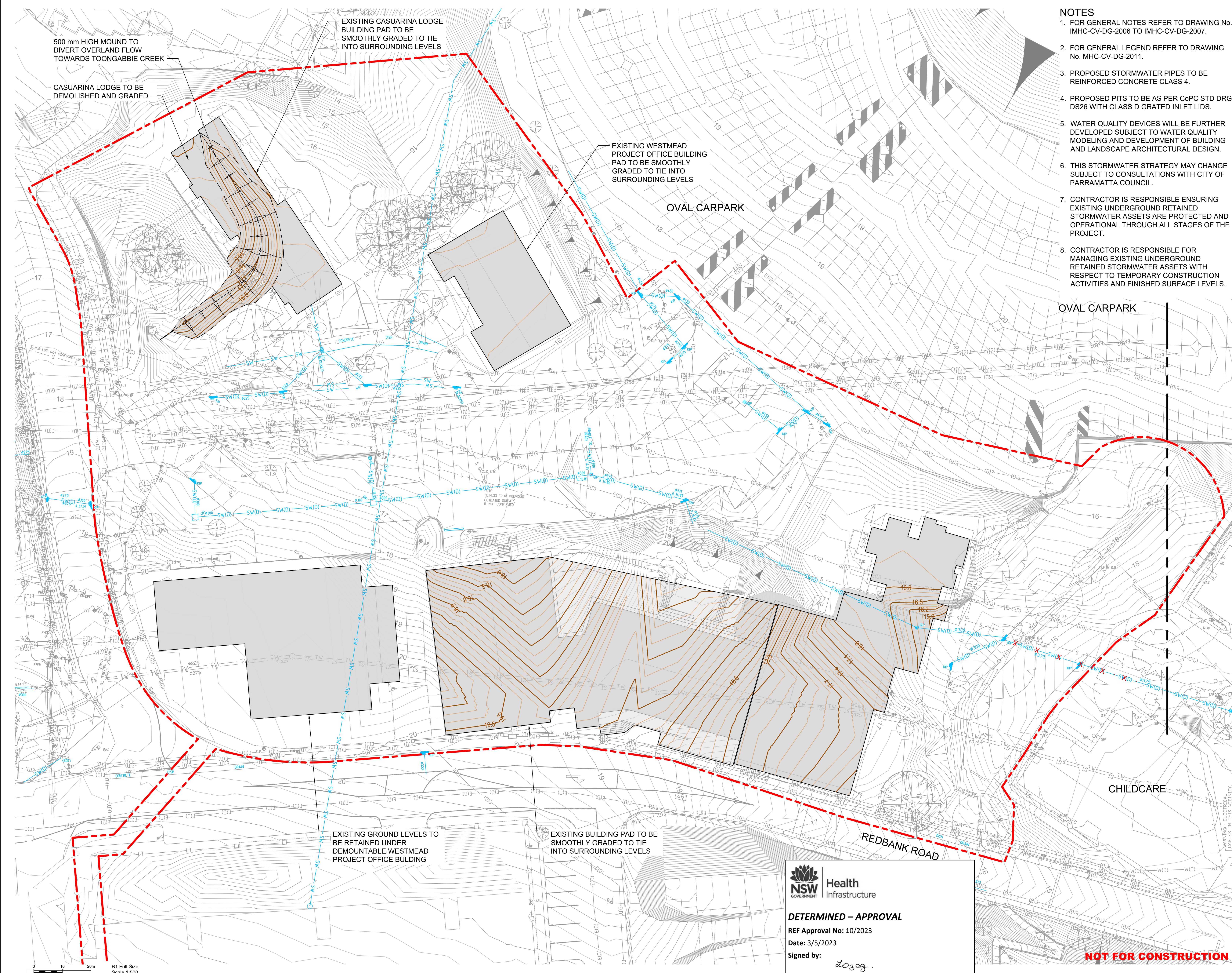
DRAWING NO.
IMHC-CV-DG-2302

REVISION
3

NSW Health
Infrastructure

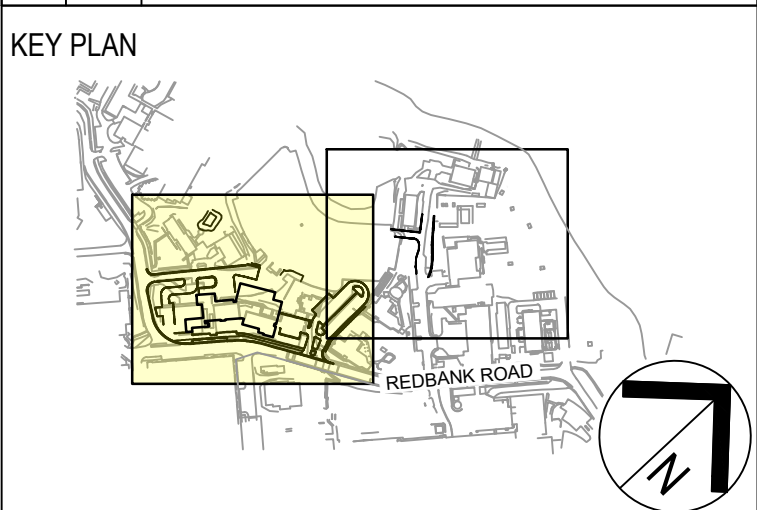
DETERMINED – APPROVAL
REF Approval No: 10/2023
Date: 3/5/2023
Signed by: *20309*

NOT FOR CONSTRUCTION



- NOTES**
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 2. FOR GENERAL LEGEND REFER TO DRAWING No. MHC-CV-DG-2011.
 3. PROPOSED STORMWATER PIPES TO BE REINFORCED CONCRETE CLASS 4.
 4. PROPOSED PITS TO BE AS PER CoPC STD DRG DS26 WITH CLASS D GRATED INLET LIDS.
 5. WATER QUALITY DEVICES WILL BE FURTHER DEVELOPED SUBJECT TO WATER QUALITY MODELING AND DEVELOPMENT OF BUILDING AND LANDSCAPE ARCHITECTURAL DESIGN.
 6. THIS STORMWATER STRATEGY MAY CHANGE SUBJECT TO CONSULTATIONS WITH CITY OF PARRAMATTA COUNCIL.
 7. CONTRACTOR IS RESPONSIBLE ENSURING EXISTING UNDERGROUND RETAINED STORMWATER ASSETS ARE PROTECTED AND OPERATIONAL THROUGH ALL STAGES OF THE PROJECT.
 8. CONTRACTOR IS RESPONSIBLE FOR MANAGING EXISTING UNDERGROUND RETAINED STORMWATER ASSETS WITH RESPECT TO TEMPORARY CONSTRUCTION ACTIVITIES AND FINISHED SURFACE LEVELS.

REV	DATE	AMENDMENT
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1	25/11/22	DESIGN DEVELOPMENT
0	30/09/22	DESIGN DEVELOPMENT



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PROJECT
**WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS**

PROJECT NO.
281916-00

DRAWING TITLE
**STORMWATER
PLAN
SHEET 1 OF 2**

STATUS
DESIGN DEVELOPMENT

DRAWN
CPL

DESIGNED
DT

CHECKED
AC

APPROVED
AC

SCALE @ B1
1:250m

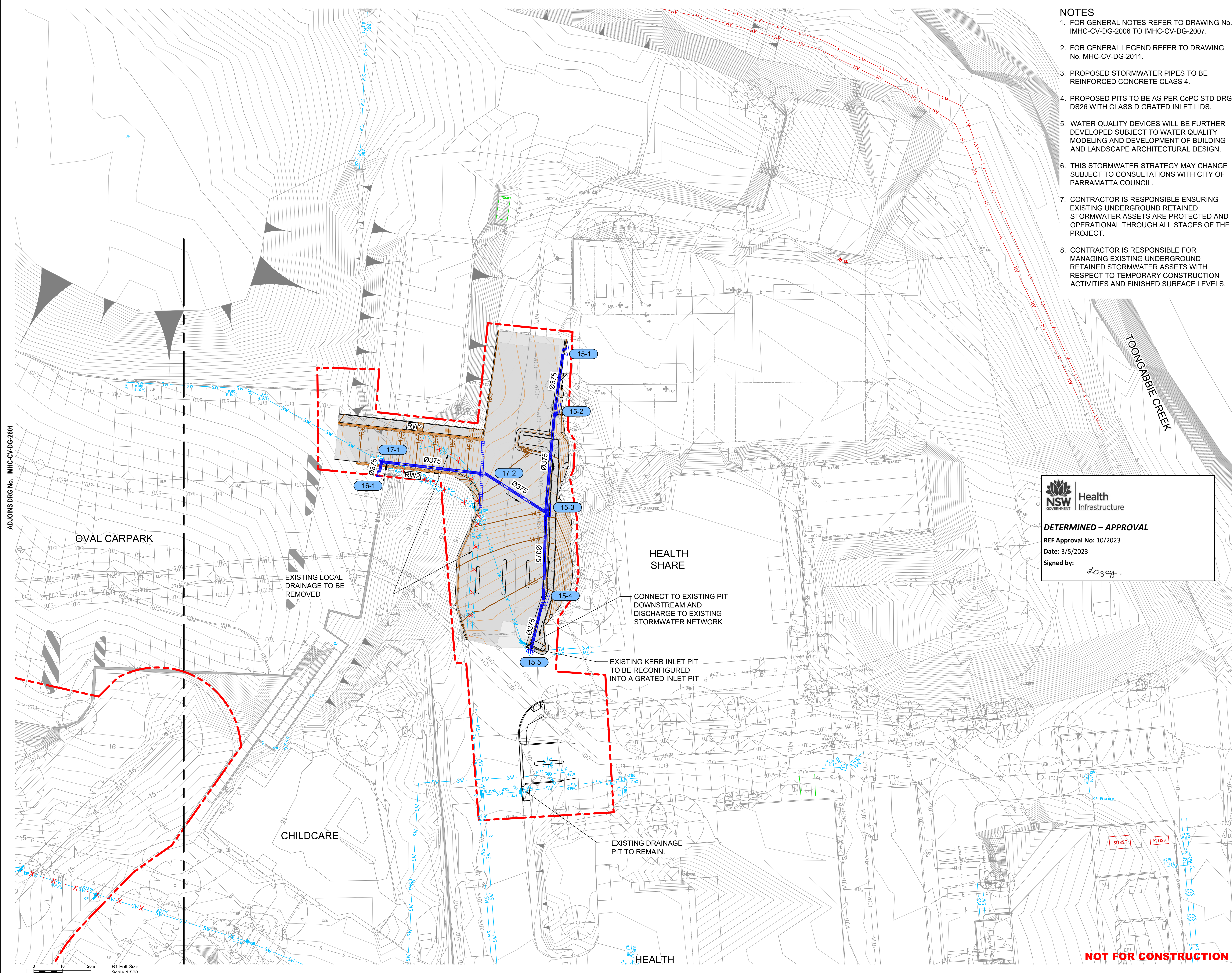
DRAWING NO.
IMHC-CV-DG-2601

REVISION
2

NSW GOVERNMENT Health
Infrastructure

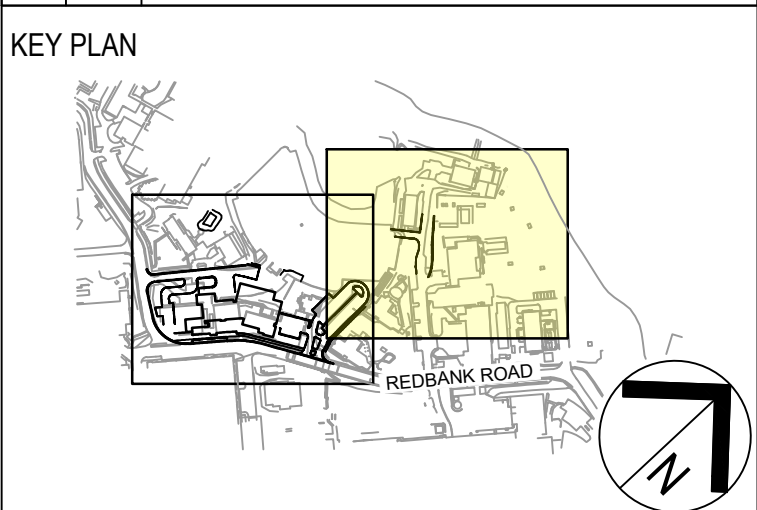
DETERMINED – APPROVAL
REF Approval No: 10/2023
Date: 3/5/2023
Signed by: *20309*

NOT FOR CONSTRUCTION



- NOTES**
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REV	DATE	DESCRIPTION	AMENDMENT
3	28/03/23	DESIGN DEVELOPMENT	
2	27/03/23	DESIGN DEVELOPMENT	
1	26/03/23	DESIGN DEVELOPMENT	
0	30/09/22	DESIGN DEVELOPMENT	



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PROJECT
**WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS**

PROJECT NO.
281916-00

DRAWING TITLE
**STORMWATER
PLAN
SHEET 2 OF 2**

STATUS DESIGN DEVELOPMENT	
DRAWN CPL	DESIGNED DT
CHECKED AC	APPROVED AC

SCALE @ B1
1:250m

DRAWING NO.
IMHC-CV-DG-2602

REVISION
3

NSW Health
Infrastructure

DETERMINED – APPROVAL

REF Approval No: 10/2023
Date: 3/5/2023
Signed by: *Lozog*

ADDITIONS DRG No. IMHC-CV-DG-2601

OVAL CARPARK

EXISTING LOCAL
DRAINAGE TO BE
REMOVED

CHILDCARE

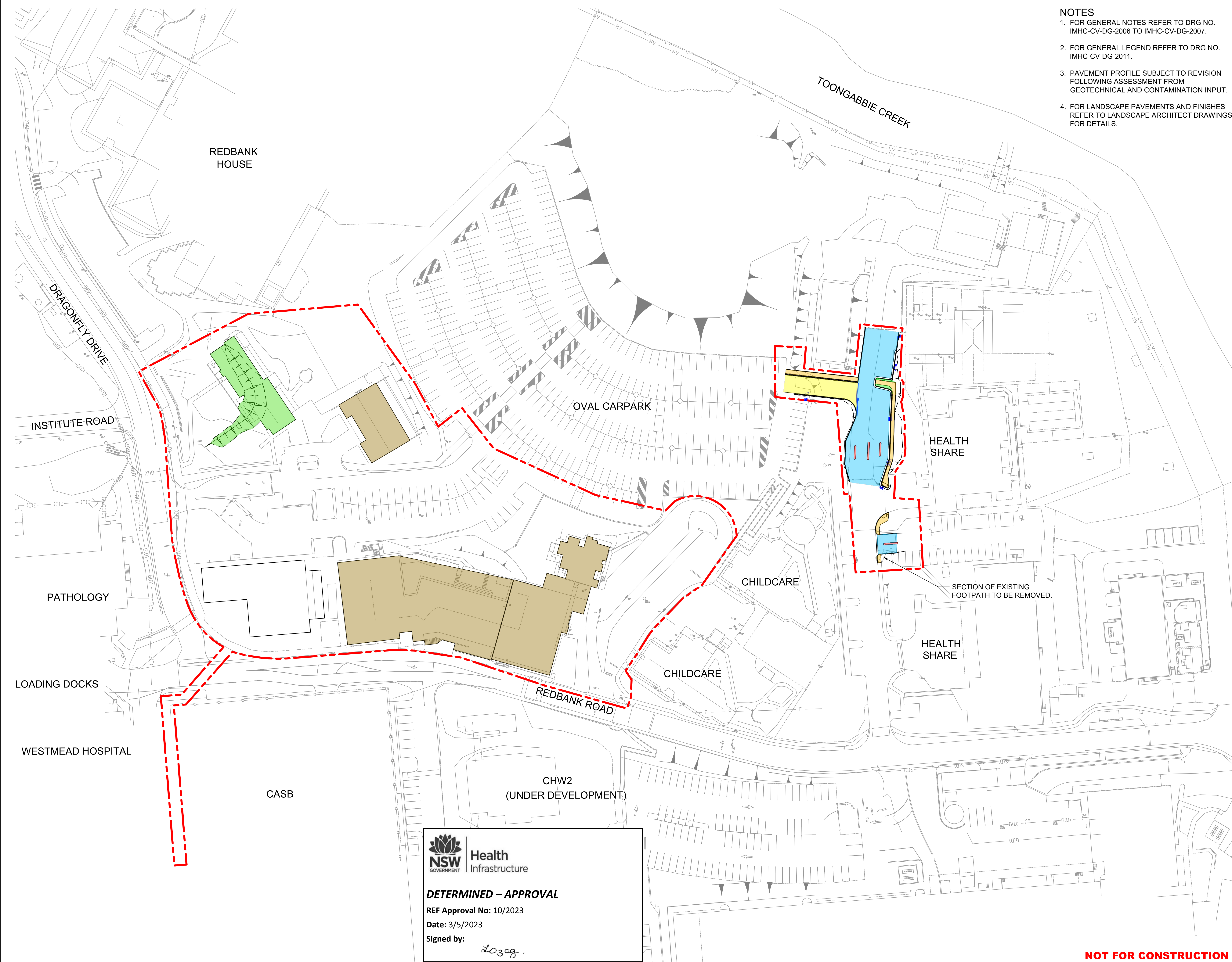
HEALTH
SHARE

CONNECT TO EXISTING PIT
DOWNSTREAM AND
DISCHARGE TO EXISTING
STORMWATER NETWORK

EXISTING KERB INLET PIT
TO BE RECONFIGURED
INTO A GRATED INLET PIT

EXISTING DRAINAGE
PIT TO REMAIN.

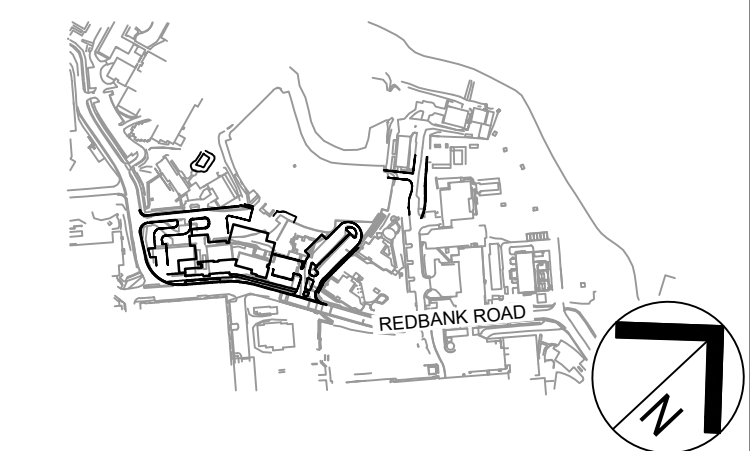
NOT FOR CONSTRUCTION



- NOTES**
1. FOR GENERAL NOTES REFER TO DRG NO. IMHC-CV-DG-2006 TO IMHC-CV-DG-2007.
 2. FOR GENERAL LEGEND REFER TO DRG NO. IMHC-CV-DG-2011.
 3. PAVEMENT PROFILE SUBJECT TO REVISION FOLLOWING ASSESSMENT FROM GEOTECHNICAL AND CONTAMINATION INPUT.
 4. FOR LANDSCAPE PAVEMENTS AND FINISHES REFER TO LANDSCAPE ARCHITECT DRAWINGS FOR DETAILS.

REV	DATE	AMENDMENT
3	28/03/23	DESIGN DEVELOPMENT
2	27/02/23	DESIGN DEVELOPMENT
1	28/1/22	DESIGN DEVELOPMENT
0	30/09/22	DESIGN DEVELOPMENT

KEY PLAN



CONSULTANTS

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 **Health**
Western Sydney
Local Health District

 **Health**
Infrastructure

**TSA
Jacobs**

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PROJECT
WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS

PROJECT NO.
281916-00

DRAWING TITLE
PAVEMENT
OVERALL SITE
PLAN

STATUS
DESIGN DEVELOPMENT

DRAWN CPL DESIGNED DT

CHECKED AC APPROVED AC

SCALE @ B1
1:500m

DRAWING NO.
IMHC-CV-DG-2700

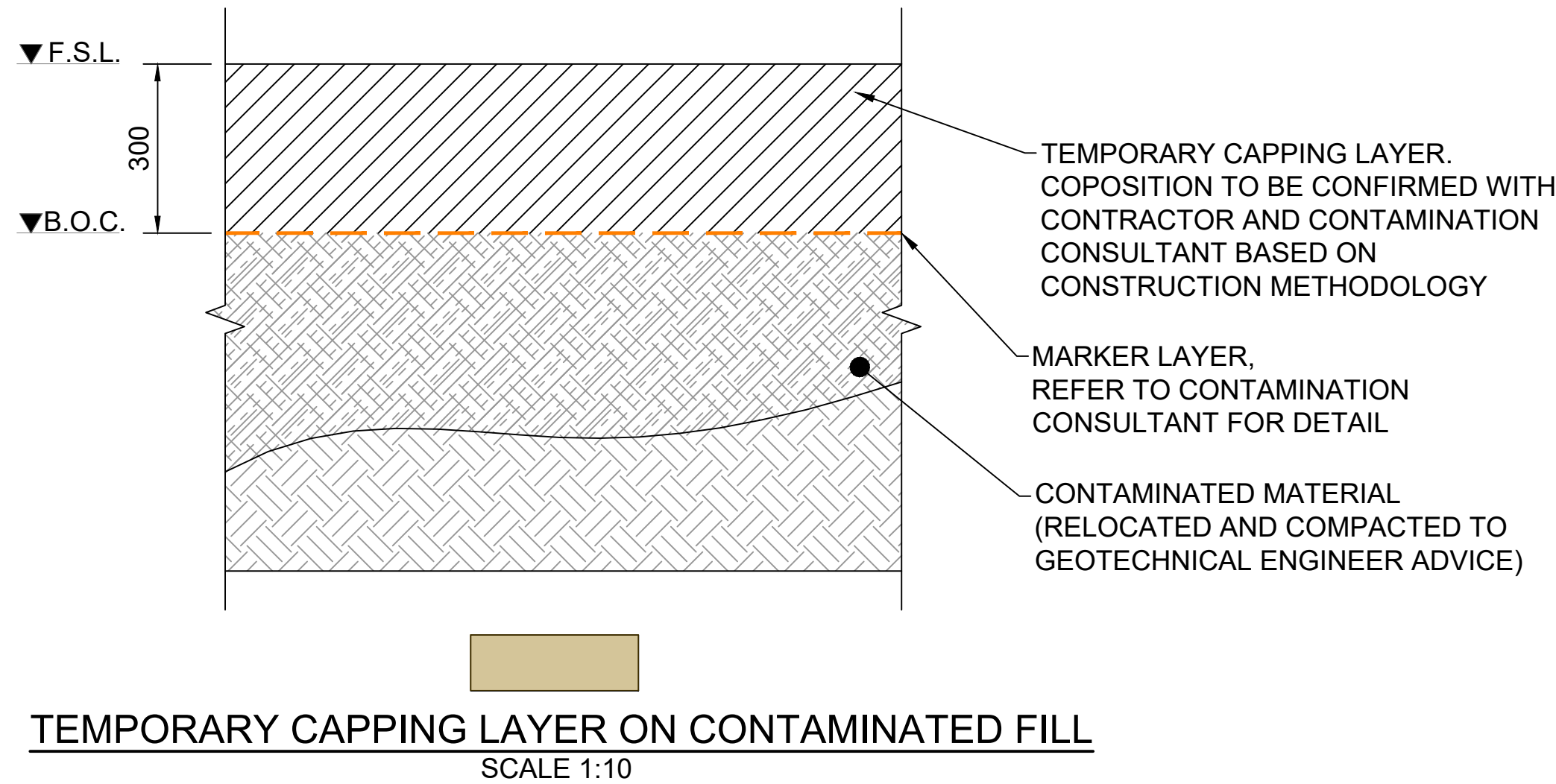
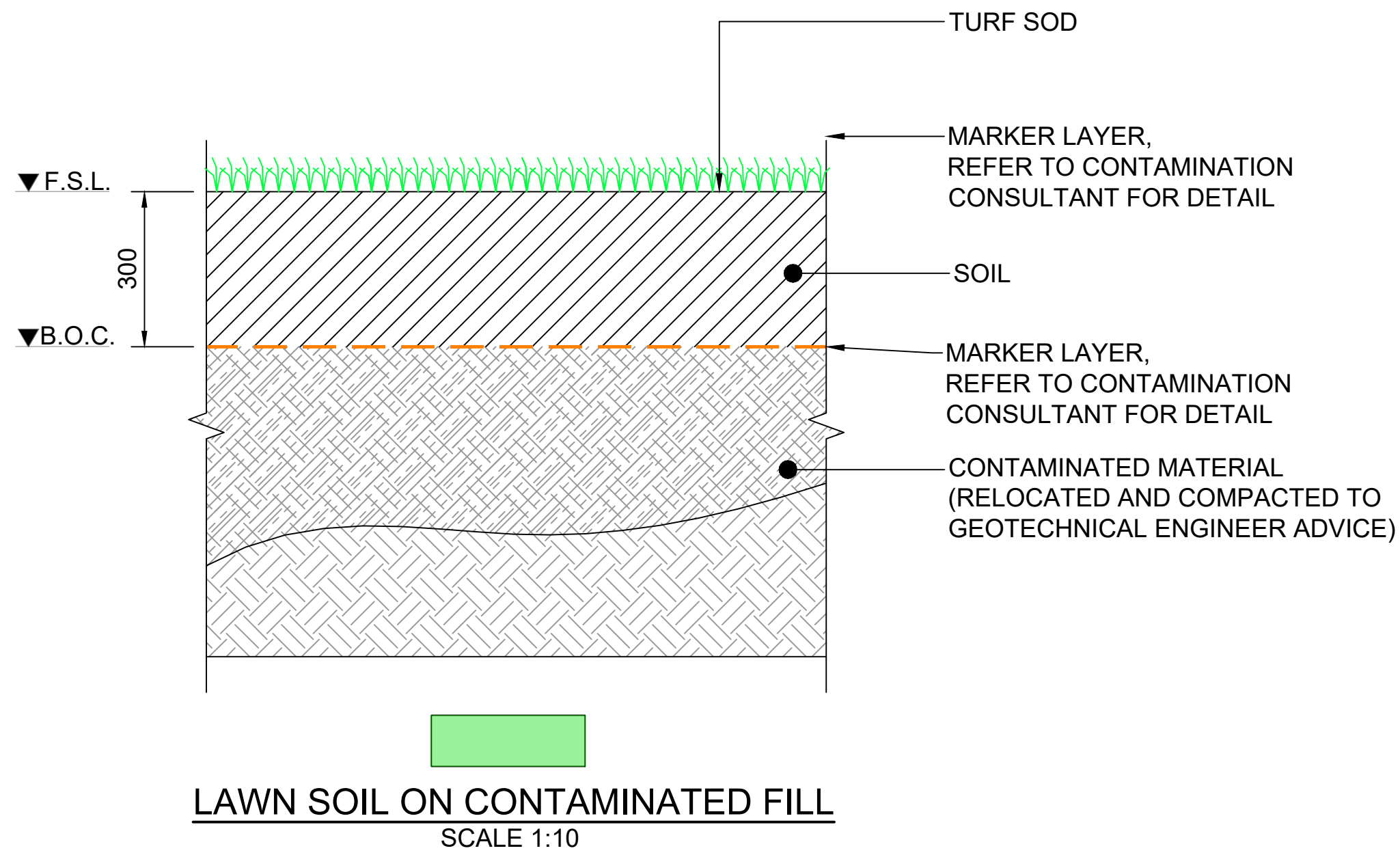
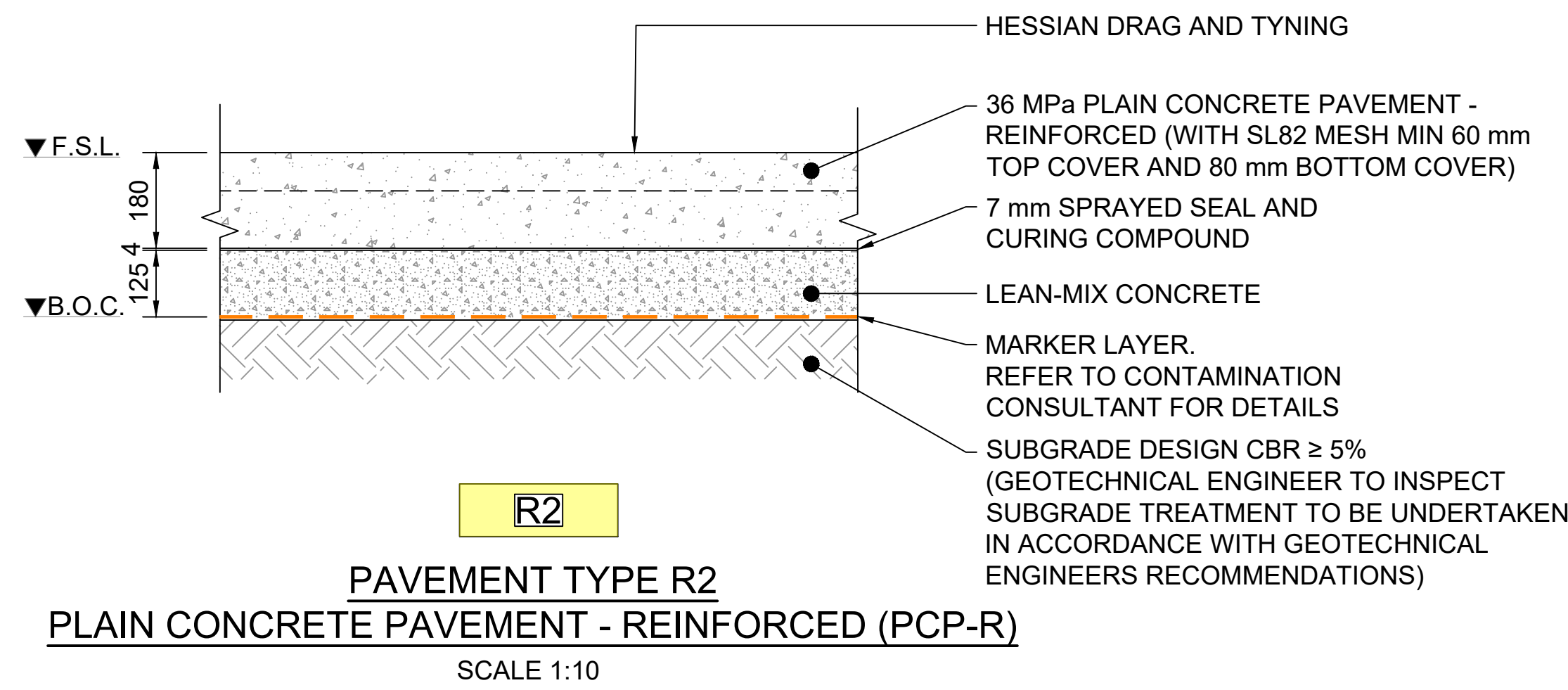
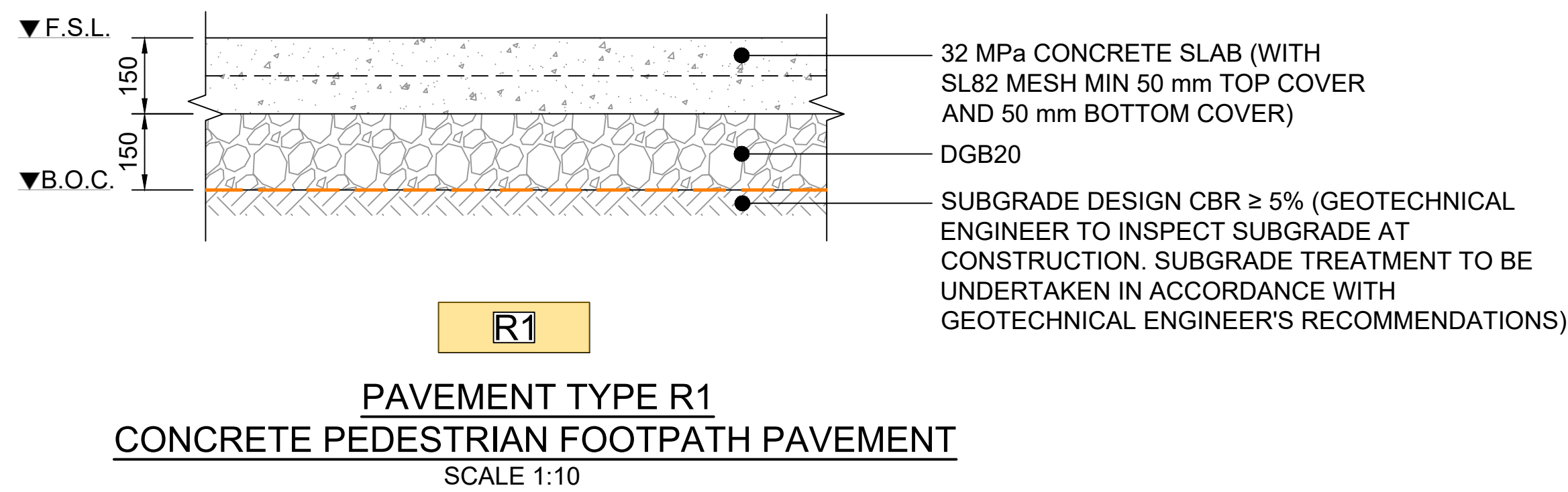
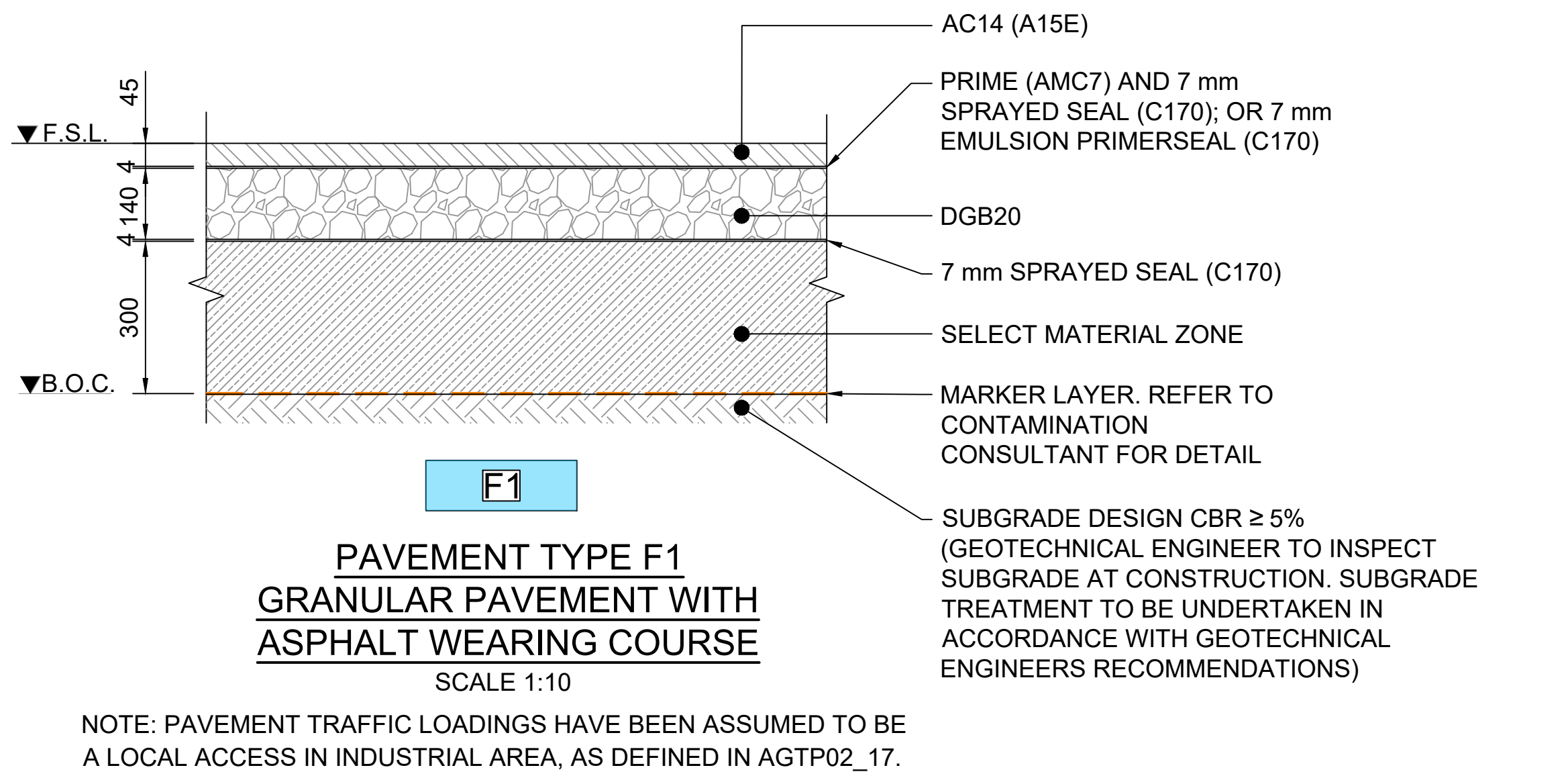
REVISION
3

 **Health**
Infrastructure

DETERMINED – APPROVAL
REF Approval No: 10/2023
Date: 3/5/2023
Signed by: *20309*

0 10 20m
B1 Full Size
Scale 1:500

NOT FOR CONSTRUCTION



NOTES

- FOR GENERAL NOTES REFER TO DRG NO. IMHC-CV-DG-2006 TO IMHC-CV-DG-2007.
- FOR GENERAL LEGEND REFER TO DRG NO. IMHC-CV-DG-2011.
- FOOTPATH PAVEMENT JOINT DETAILS SHALL FOLLOW CoPC TYPICAL FOOTPATH DRAWING DS3. TYPICAL JOINT SPACINGS ARE AS FOLLOWS:
 - EXPANSION JOINTS (EJ) - EVERY 6.0 m (MAX) INTERVALS
 - TOOLED DUMMY JOINT - EVERY 1.5 m (MAX) INTERVALS
- ROAD PAVEMENT JOINT DETAILS SHALL FOLLOW CoPC CBD PAVING, DRIVEWAY AND KERB RAMP DETAILS (DS40). TYPICAL JOINT SPACINGS ARE AS FOLLOWS:
 - ISOLATIONS JOINTS (IJ) - BETWEEN PAVEMENT AND CONCRETE KERB OR BUILDING LINE
 - EXPANSION JOINTS (EJ) - EVERY 6.0 m (MAX) INTERVALS
 - CONTROL JOINTS (CJ) - EVERY 2.0 m (MAX) INTERVALS
- PAVEMENT SUBSOIL DRAINS SHALL FOLLOW CoPC SUBSOIL DRAINAGE DETAILS (DS33).
- PAVEMENT WORKS SHALL BE UNDERTAKEN ACCORDING TO THE RECOMMENDATIONS OF THE GEOTECHNICAL INVESTIGATION.
- PAVEMENT PROFILES SUBJECT TO REVISION FOLLOWING ASSESSMENT OF GEOTECHNICAL AND CONTAMINATION INPUT.

REV	DATE	AMENDMENT
2	21/02/23	DESIGN DEVELOPMENT
1	25/11/22	DESIGN DEVELOPMENT
0	30/09/22	DESIGN DEVELOPMENT

KEY PLAN

CONSULTANTS

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CLIENT

NSW **Health**
GOVERNMENT **Western Sydney**
Local Health District

NSW **Health**
GOVERNMENT **Infrastructure**

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PROJECT
WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS

PROJECT NO.
281916-00

DRAWING TITLE
PAVEMENT
PROFILES

STATUS
DESIGN DEVELOPMENT

DRAWN
CPL

DESIGNED
DT

CHECKED
AC

APPROVED
AC

SCALE @ B1
1:10mm

DRAWING NO.
IMHC-CV-DG-2791

REVISION
2

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B1 Full Size
Scale 1:10

NSW **Health**
GOVERNMENT **Infrastructure**

DETERMINED – APPROVAL

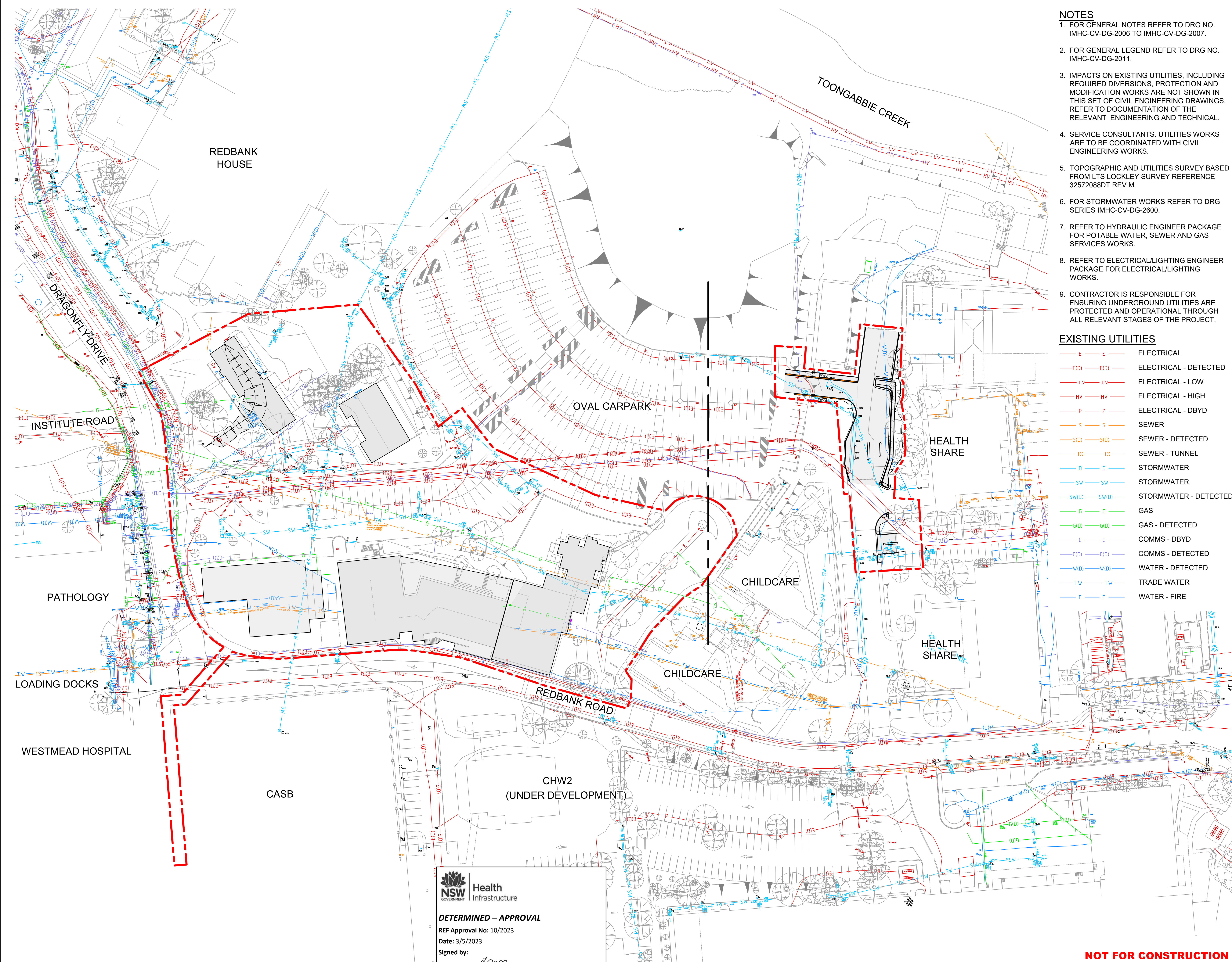
REF Approval No: 10/2023

Date: 3/5/2023

Signed by:

20309

NOT FOR CONSTRUCTION



- NOTES**
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 5. TOPOGRAPHIC AND UTILITIES SURVEY BASED FROM LTS LOCKLEY SURVEY REFERENCE 32572088DT REV M.
 6. FOR STORMWATER WORKS REFER TO DRG SERIES IMHC-CV-DG-2600.
 7. REFER TO HYDRAULIC ENGINEER PACKAGE FOR POTABLE WATER, SEWER AND GAS SERVICES WORKS.
 8. REFER TO ELECTRICAL/LIGHTING ENGINEER PACKAGE FOR ELECTRICAL/LIGHTING WORKS.
 9. CONTRACTOR IS RESPONSIBLE FOR ENSURING UNDERGROUND UTILITIES ARE PROTECTED AND OPERATIONAL THROUGH ALL RELEVANT STAGES OF THE PROJECT.

- EXISTING UTILITIES**
- | | | |
|-------|-------|-----------------------|
| E | E | ELECTRICAL |
| E(D) | E(D) | ELECTRICAL - DETECTED |
| LV | LV | ELECTRICAL - LOW |
| HV | HV | ELECTRICAL - HIGH |
| P | P | ELECTRICAL - DBYD |
| S | S | SEWER |
| S(D) | S(D) | SEWER - DETECTED |
| IS | IS | SEWER - TUNNEL |
| D | D | STORMWATER |
| SW | SW | STORMWATER |
| SW(D) | SW(D) | STORMWATER - DETECTED |
| G | G | GAS |
| G(D) | G(D) | GAS - DETECTED |
| C | C | COMMS - DBYD |
| C(D) | C(D) | COMMS - DETECTED |
| W(D) | W(D) | WATER - DETECTED |
| TW | TW | TRADE WATER |
| F | F | WATER - FIRE |

REV	DATE	DESCRIPTION	AMENDMENT
3	28/03/23	DESIGN DEVELOPMENT	
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KEY PLAN

CONSULTANTS

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Health Western Sydney Local Health District
Health Infrastructure

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PROJECT
WESTMEAD INTEGRATED MENTAL HEALTH COMPLEX (IMHC) EARLY WORKS CIVIL WORKS

PROJECT NO.
281916-00

DRAWING TITLE
EXISTING UTILITIES OVERALL SITE PLAN

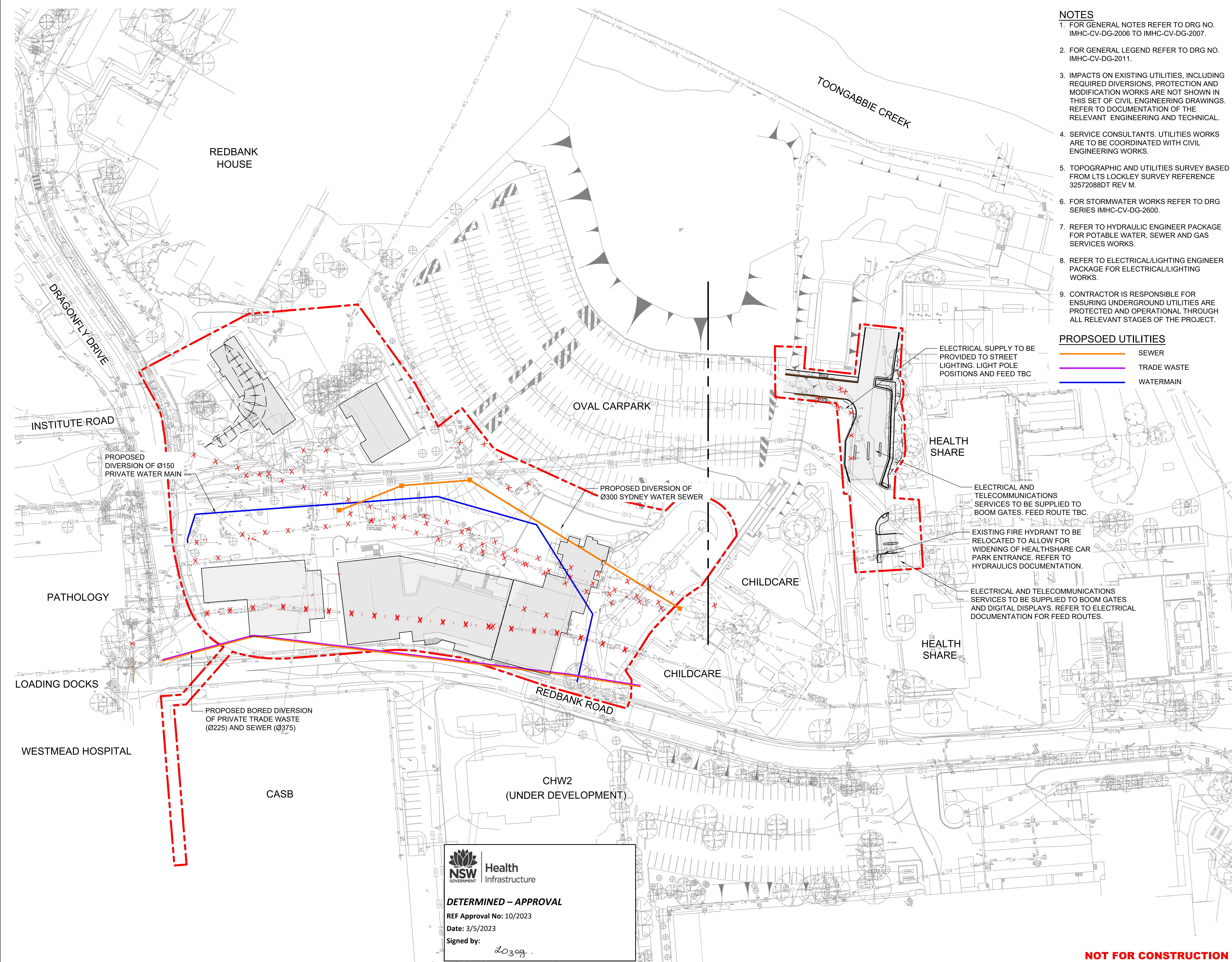
STATUS DESIGN DEVELOPMENT	
DRAWN CPL	DESIGNED DT
CHECKED AC	APPROVED AC

SCALE @ B1
1:500m

DRAWING NO. IMHC-CV-DG-2800	REVISION 3
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DETERMINED - APPROVAL
REF Approval No: 10/2023
Date: 3/5/2023
Signed by: *20309*

NOT FOR CONSTRUCTION

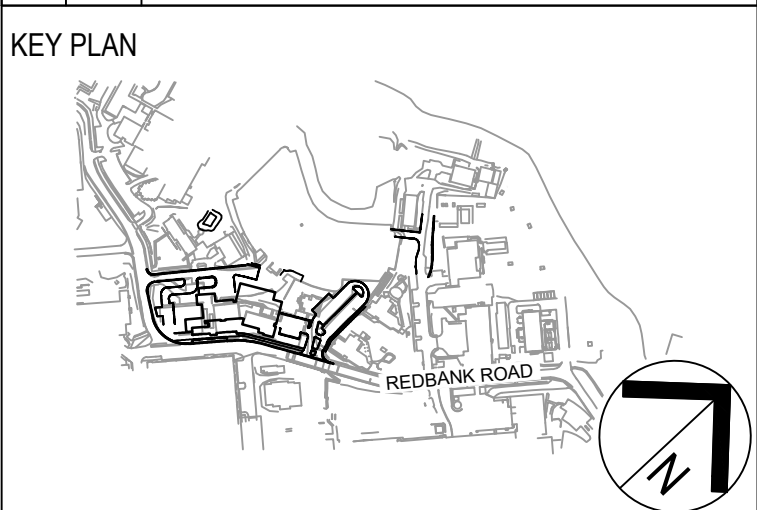


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PROPOSED UTILITIES

	SEWER
	TRADE WASTE
	WATERMAIN

REV	DATE	DESCRIPTION	AMENDMENT
3	28/03/23	DESIGN DEVELOPMENT	
2	27/03/23	DESIGN DEVELOPMENT	
1	26/10/22	DESIGN DEVELOPMENT	
0	30/09/22	DESIGN DEVELOPMENT	



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PROJECT
**WESTMEAD
INTEGRATED MENTAL
HEALTH COMPLEX (IMHC) EARLY WORKS
CIVIL WORKS**

PROJECT NO.
281916-00

DRAWING TITLE
**UTILITIES DIVERSIONS
COORDINATION PLAN**

STATUS
DESIGN DEVELOPMENT

DRAWN
CPL

DESIGNED
DT

CHECKED
AC

APPROVED
AC

SCALE @ B1
1:500m

DRAWING NO.
IMHC-CV-DG-2806

REVISION
3

**Health
Infrastructure**

DETERMINED – APPROVAL

REF Approval No: 10/2023

Date: 3/5/2023

Signed by:

NOT FOR CONSTRUCTION