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CIVIL ENGINEERING WORKS

MELROSE PARK PUBLIC SCHOOL

LOCALITY PLAN
SCALE 1:1000

CIVIL ENGINEERING WORKS DRAWING LIST:

NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
3	14/02/25	ISSUE FOR REF	SO	JF
2	17/01/25	ISSUE FOR TENDER	BJ	JF
1	10/12/24	ISSUE FOR SD	BJ	JF

enstruct group pty ltd

Level 27,
680 George Street
Sydney, 2000
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PROJECT
MELROSE PARK PUBLIC SCHOOL

110 WHARF ROAD,
MELROSE PARK, NSW 2114

DRAWING TITLE
COVER SHEET

STATUS
REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
NTS	BJ	JF	PL

PROJECT NO. 7042-CV-0000

DRAWING NO.

REV. 4

A1

GENERAL NOTES

1. Contractor must verify all dimensions and existing levels on site prior to commencement of works. Any discrepancies to be reported to the Engineer
2. Strip all topsoil from the construction area. All stripped topsoil shall be disposed of off-site unless directed otherwise.
3. Make smooth connection with all existing works.
4. Compact subgrade under buildings and pavements to minimum 98% standard maximum dry density in accordance with AS 1289 5.1.1. Compaction under buildings to extend 2m minimum beyond building footprint.
5. All work on public property, property which is to become public property, or any work which is to come under the control of the Statutory Authority; the Contractor is to ensure that the drawings used for construction have been approved by all relevant authorities prior to commencement site.
6. All work on public property, property which is to become public property, or any work which is to come under the control of the Statutory Authority is to be carried out in accordance with the requirements of the relevant Authority. The Contractor shall obtain these requirements from the Authority. Where the requirements of the Authority are different to the drawings and specifications, the requirements of the Authority shall be applicable.
7. For all temporary batters refer to geotechnical recommendations.

CIVIL SAFETY IN DESIGN

enstruct (NSW) Pty Ltd operates under Safe Work Australia's code of Conduct for the Safe Design of Structures.
These drawings shall be read in conjunction with the enstruct Civil risk and Solutions Register.
Under the Code of Conduct it is the Client's responsibility to provide a copy of the Civil Risk and Solutions Register to the Principal Contractor.
It is the Principal Contractor's responsibility to review the hazards and risks identified during the design process to ensure a safe workplace is maintained for the construction, maintenance and eventual demolition of the civil infrastructure.

SURVEY

1. The survey, as shown on the background, was prepared
   By: SDG Pty Ltd
   Date: 17/11/23
   Revision: C
   Datum of levels: AHD
   Coordinate system: MGA-56
2. Enstruct does not guarantee that the survey information shown on these drawings is accurate and will accept no liability for any inaccuracies in the survey information provided to us from any cause whatsoever.
3. Existing contours shown reflect site conditions at time of survey.
4. Enstruct plans do not indicate the presence of any survey mark. The contractor is to undertake their own search.
5. The contractor is to get approval from the relevant state survey department, to remove/adjust any survey mark. This include but is not limited to; State Survey Marks (SSM), Permanent Marks (PM), cadastral reference marks or any other survey mark which is to be removed or adjusted in any way.

DESIGN & CONSTRUCT DOCUMENTATION

1. The level of detail / design reflected in these documents is based on the understanding this will be built as part of a design & construct contract.
2. The contractor shall retain the responsibility to undertake detailed design, confirm compliance with relevent standards, concent conditions & the specification.
3. The contractor shall be responsible for ensuring the final design is co-ordinated fully with other consultants.
4. No variation will be accepted for design amendments required to meet the functional objective of this documentation.

SITEWORKS NOTES

1. All basecourse material to comply with RMS specification No 3051 and compacted to minimum 98% modified dry density in accordance with AS 1289 5.2.1.
2. All trench backfill material shall be compacted to the same density as the adjacent material.
3. All service trenches under vehicular pavements shall be backfilled with an approved select material and compacted to a minimum 98% standard maximum dry density in accordance with AS 1289 5.1.1

TENDER NOTES

1. These drawings are preliminary drawings issued for tender as an indication of the extent of works only. They are not a complete construction set of drawings.
2. To determine the full extent of work, these drawings shall be read in conjunction with the architectural drawings and other contract documents. Allow for all items shown on architectural and other drawings as not all items are shown on the structural/civil works drawings.
3. Should any ambiguity, error, omissions, discrepancy, inconsistency or other fault exist or seem to exist in the documents, immediately notify in writing to the Superintendendent.
4. Rates shown on the drawings are for the final structure/civil works in place and do not allow for any wastage, rolling margins, over supply or fabrication requirements. etc.

BULK EARTHWORKS GENERAL NOTES

1. All bulk earthworks setout from grid lines U.N.O.
2. Batters are not to exceed the Geotechnical engineer specifications
(i) All permanent batter max slope of X(H) :1(V) U.N.O.
(ii) All temporary batter max slope of 2(H) :1(V) U.N.O.
3. Excavated material may be used as structural fill provided,
(i) it complies with the specification requirements for fill material,
(ii) the placement moisture content complies with the Geotechnical Engineers' requirements, and allows filling to be placed and proofrolled in accordance with the specification. Where necessary the Contractor must moisture condition the excavated material to meet these requirements.
4. Compact fill areas and subgrade to not less than:

Location	Standard Dry Density (AS1289 5.1.1)	Moisture (OMC)
Under building slabs on ground:	98%	±2%
Under roads and carparks:	98%	±2%
Landscaped areas:	95%	±2%

5. Before placing fill, proof roll exposed subgrade with a 10 tonne minimum roller to test subgrade and then remove soft spots (areas with more than 3mm movement under roller). Soft spots to be replaced with granular fill U.N.O.
6. Contractor to provide proof roll compaction evidence for signoff.
7. Contractor shall place safety barriers around excavations in accordance with relevant safety regulations.
8. For interpretation of bulk earthworks foot print line shown on the bulk earthworks drawings refer to the bulk earthworks construction legend.
9. Bulk earthwork drawings are not to be used for detailed excavation.
10. Refer to the Geotechnical Report for detailed information.

STORMWATER DRAINAGE NOTES

1. Stormwater Design Criteria :
(A) Average exceedance probability -
1% AEP for roof drainage to first external pit
5% AEP for paved and landscaped areas
(B) Rainfall intensities -
Time of concentration: 5 minutes
1% AEP = 219 mm/hr
5% AEP = 171 mm/hr
(C) Rainfall losses -
Impervious areas: IL= 1.0 mm , CL = 0 mm/hr
Pervious areas: IL= 33mm , CL =0.72mm/hr

2. Pipes 300 dia and larger to be reinforced concrete Class "2" approved spigot and socket with rubber ring joints U.N.O. Pipes in public roadways (including public domain) to be class "4" reinforced concrete.
3. Pipes up to 225 dia may be sewer grade uPVC with solvent welded joints, subject to approval by the engineer
5. Enlargers, connections and junctions to be manufactured fittings where pipes are less than 300 dia.
6. Pipes are to be installed in accordance with AS 3725. All bedding to be type H2 U.N.O.
7. Care is to be taken with invert levels of stormwater lines. Grades shown are not to be reduced without approval.
8. Adopt invert levels for pipe installation (grades shown are only nominal).
8. All downpipe connections are to be 150mm DIA or the same size as the downpipe (whichever is larger) laid at 1% minimum fall connection to the nearest pit. Minimum cover 450mm in non-trafficable landscaped areas.
9. Pits in roadways (including public domain) are to be insitu to council details.
10. Pit grates and covers shall conform with AS3996-2006, and AS1428.1 for access requirements.

SUBSOIL NOTES

1. Subsoil drains to be slotted flexible uPVC U.N.O.
2. All subsoil drainage shall outlet to drainage pits or land drains.
3. Pavement subsoil drains are to be placed in accordance with standard drawings behind all kerb and gutter, on the low side of all pavements, and road crossings at sag vertical curves.
4. Where subsoil drains pass under floor slabs and/or vehicular pavements, unslotted uPVC sewer grade pipe is to be used.

BULK EARTHWORKS MODEL NOTES

1. THIS DRAWING IS AN ESTIMATE FOR INFORMATION ONLY WHICH SHOULD NOT BE TAKEN AS AN ACCURATE MEASUREMENT AND SHOULD NOT BE USED FOR CONSTRUCTION.
2. THIS MODEL REPRESENTS A LEVEL COMPARISON BETWEEN:
A) THE EXISTING SURFACE LEVELS WITH NO TOPSOIL STRIPPING, AND
B) THE FORMATION LEVELS OF THE PROPOSED DEVELOPMENT.
3. THE FORMATION LEVELS ARE BASED ON ESTIMATIONS OF STRUCTURE AND PAVEMENT THICKNESS. TO BE CONFIRMED IN FUTURE STAGES AS THE DESIGN MOVES FORWARD
4. THE EXISTING SURFACE LEVELS ARE BASED ON THE TIN MODEL FROM THE SURVEY FILE. REFER TO SURVEY NOTES.
5. THIS ESTIMATE DOES NOT INCLUDE EXCAVATION FOR ANY BELOW GROUND SERVICES INCLUDING STORMWATER INFRASTRUCTURE.
6. NO ALLOWANCE HAS BEEN CONSIDERED FOR SERVICE TRENCHES, IN GROUND TANKS, STRUCTURAL FOOTINGS, PILING, FLOOR SLABS OR LIFT PITS.
7. NO BULKING FACTOR HAVE BEEN APPLIED TO THE BULK EXCAVATION VOLUMES.
8. IT HAS BEEN ASSUMED THAT ALL EXCAVATED MATERIAL IS NOT CONTAMINATED AND CAN BE USED AS FILL MATERIAL ON SITE (NOT INCLUDING TOPSOIL). IF CONTAMINATION IS PRESENT, A SEPARATE ASSESSMENT SHOULD TAKE PLACE.
9. ANY DAMAGE TO EXISTING ROADS OR EXISTING BUILDINGS WILL BE RECTIFIED BY THE CONTRACTOR AT HIS EXPENSE.
10. ALL ENVIRONMENTAL MEASURES INCLUDING VEGETATION PROTECTION AND EROSION AND SEDIMENT CONTROLS SHALL BE PLACE PRIOR TO THE COMMENCEMENT OF ANY WORK.
11. EROSION PLANS AND BUILDING REPRESENTATIVE FAMILIAR WITH THE PLAN MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION.
12. ALL ARCHITECTURAL FINISHED SURFACE LEVELS SUPERSEDE THOSE INDICATED ON THE BULK EARTHWORKS PLAN. THE CONTRACTOR SHALL CONFIRM THE FINAL BUILDING PAD LEVEL REQUIRED TO SUIT THE STRUCTURAL DESIGN WITH THE STRUCTURAL DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
13. REFER GEOTECHNICAL REPORT / ENGINEER FOR SUITABILITY OF MATERIAL WON FROM EXCAVATION BACKFILL.
14. NOT TO BE USED FOR DETAILED EXCAVATION, WHICH INCLUDES: LIFT PITS, TRENCHING, FOOTINGS AND OTHER EXCAVATION OF SIMILAR NATURE

STORMWATER PIT SCHEDULE

Note: Grate size does not necessarily reflect pit size.
Refer pit type details, shown on detail sheets
Final internal pit dimensions are to comply with AS3500

Pit Type	Pit Size	Lid Type	Water Quality	Number
Type A: Surface inlet pit	450x 450	Class D galvanised mild steel grate hinged to frame U.N.O.		
	600x 600			C7
	600x 600		OceanGuard	H1, I1
	900x 900			A3, C2, C3, E1, E2
	900x 900		OceanGuard	C4, C5, F2, F3, F4, J1, G1, G2
Type B: Junction pit	450x450	Class D Cast iron cover with concrete infill U.N.O.		
	600x 600			C6, F5
	600x 900			D1
	900x 900			C1, F1, F6
Type C: Kerb inlet pit	900x 900	900 lintel		
		1200 lintel		
		1800 lintel	OceanGuard	B1, B2
Existing pit to be demolished and removed				
Existing pit to remain				A1, A2

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110 WHARF ROAD,
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DRAWING TITLE
NOTES SHEET

STATUS
REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
NTS	BJ	JF	PL

PROJECT NO.	DRAWING NO.	REV.
7042	CV-0001	4

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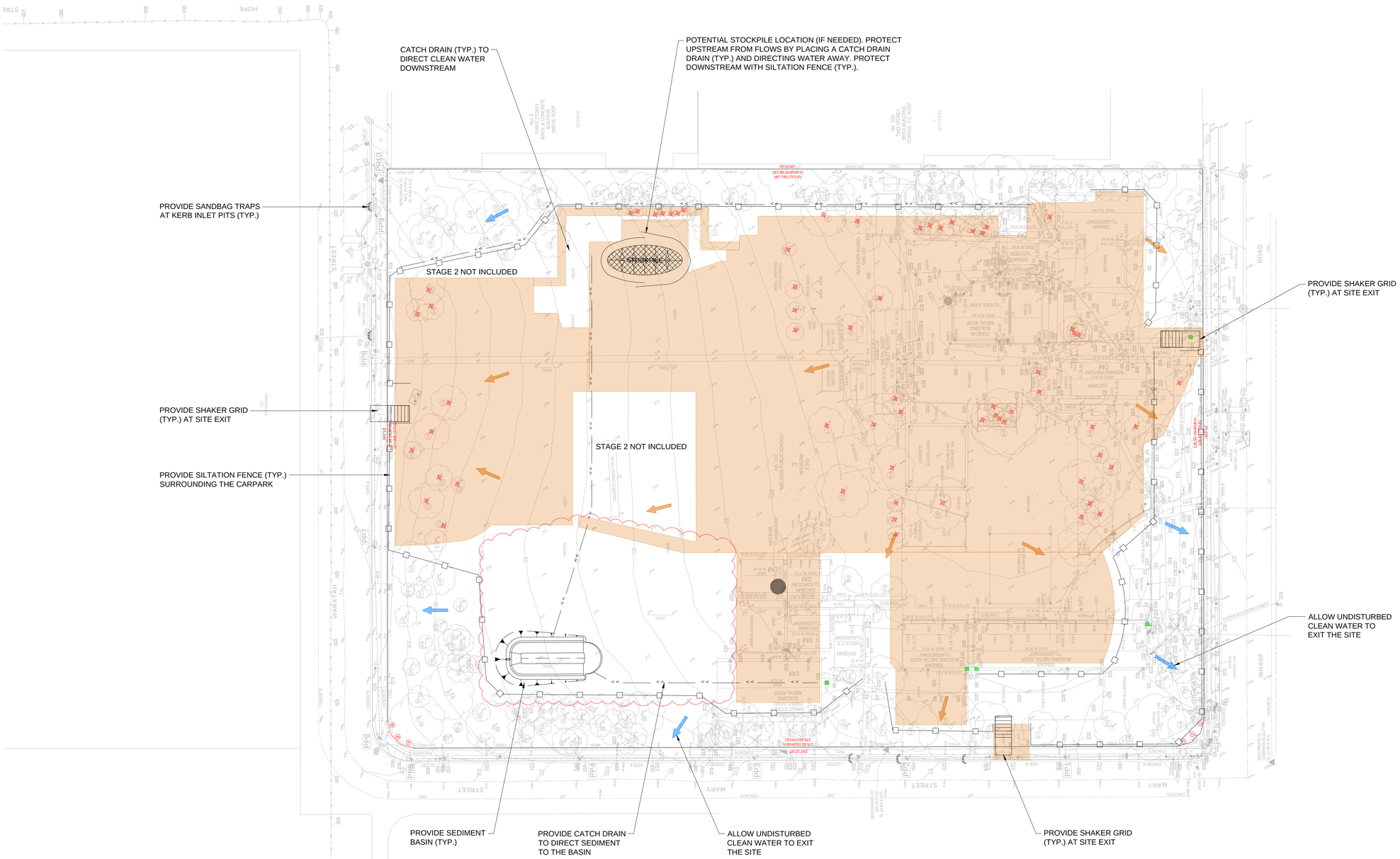
A1



LEGEND

- PROPERTY BOUNDARY
- 56.9 EXISTING CONTOURS
- +18.48 EXISTING SURFACE SPOT LEVEL
- SILTATION FENCE, WITH STAR PICKETS AT MAX 2.5M CENTRES (typ)
- TEMPORARY CATCH DRAIN (typ)
- OVERLAND FLOW PATH
- SURFACE RUNOFF
- CONTAMINATED SURFACE RUNOFF
- TREE TO BE REMOVED
- STOCKPILE (typ)
- STORMWATER PIT WITH GEOTEXTILE FILTER COVER (typ)
- SANDBAG BARRIERS (typ)
- DISTURBED SURFACE AREA
- SITE EXIT SHAKER GRID (typ)
- PROPOSED SEDIMENT DETENTION BASIN (typ)

NOTE:
FOR EROSION AND SEDIMENT CONTROL NOTES AND DETAILS REFER TO DETAILS DRAWING CV-1051

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
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DRAWING TITLE
SEDIMENT AND EROSION CONTROL PLAN

STATUS
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SCALE AT A1	DRAWN	CHECKED	APPROVED
1:500	BJ	JF	PL

PROJECT NO. 7042-CV-1001
DRAWING NO.
REV. 4

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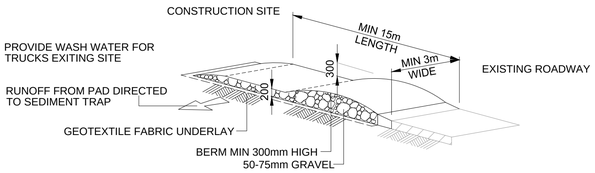
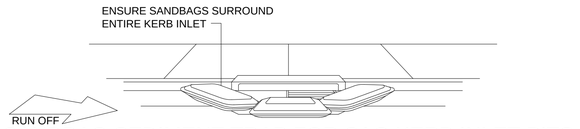
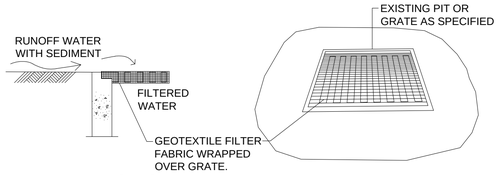


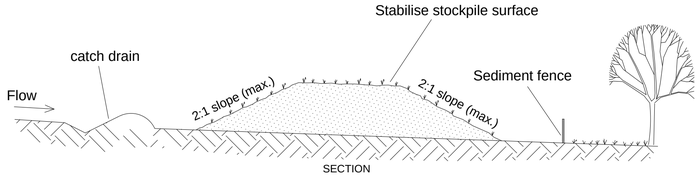
TEMPORARY ROCK PAD CONSTRUCTION EXIT
NTS



SANDBAG SEDIMENT TRAP FOR SAG KERB INLET PITS
NTS



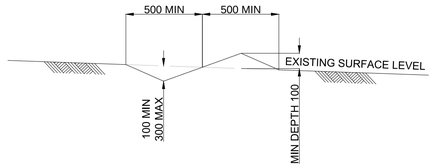
GEOTEXTILE PIT FILTER
NTS



SECTION

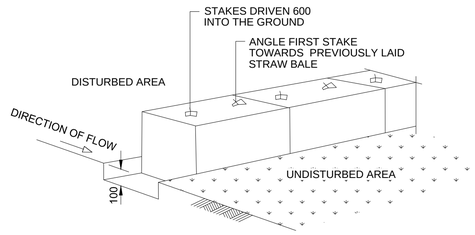
Construction Notes
1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS. COORDINATE WITH ARBORIST IF REQUIRED.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP
5. CONSTRUCT EARTH BANKS (TYP) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES (TYP) 1 TO 2 METRES DOWNSLOPE. REFER TO TYPICAL DETAILS

STOCKPILES
NTS



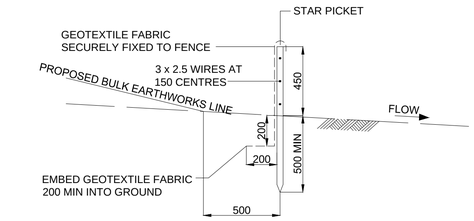
CATCH DRAIN - TYPICAL SECTION
SCALE 1:20

NOTES
1. ALIGNMENT TO BE ADJUSTED LOCALLY TO SUIT SITE CONDITIONS. SUCH AS SERVICES, TREES, TREE ROOTS, & PROPOSED WORKS.
2. EXCAVATED MATERIAL TO BE PLACED ON LOW SIDE AND COMPACTED TO 98% STD.
3. CATCH DRAIN TO HAVE A LONGITUDINAL GRADIENT OF 1% MINIMUM, AND 5% MAXIMUM.
4. RUNOFF FROM CATCH DRAIN TO BE DIRECTED TO SUITABLE SEDIMENT FILTER OR SEDIMENT TRAP.

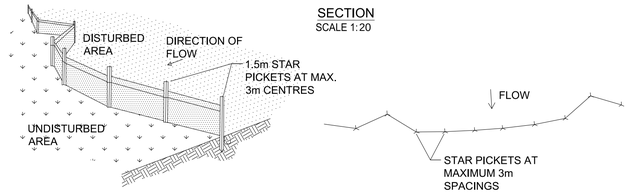


STRAW BALE SEDIMENT FILTER
NTS

NOTES:
1. STAKES TO BE EITHER TAR COATED STARS, OR 50 x 50 HARDWOOD.
2. HAY BALES MIGHT BE USED INSTEAD ONLY IF THERE IS NO RISKS OF SEEDS WASHING UP AND PROMOTING WEED GROWTH.



SECTION
SCALE 1:20

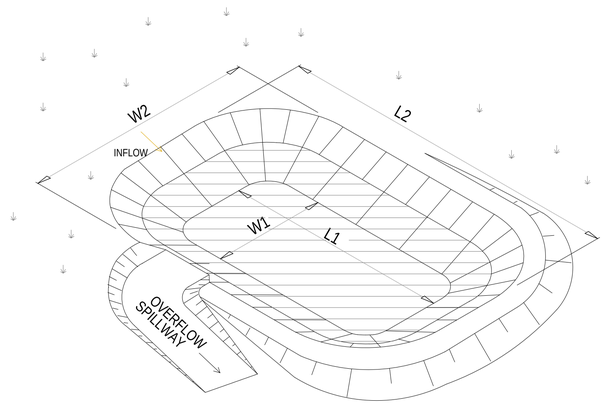


3D VIEW
NTS

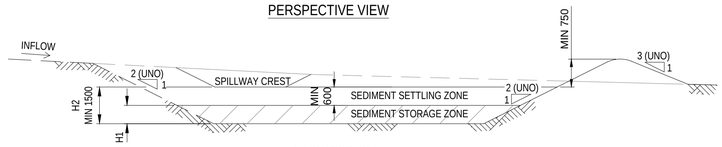
PLAN
NTS

SILTATION FENCE

NOTES
1. CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARALLEL TO THE CONTOURS OF THE SITE.
2. DRIVE 1.5m LONG STAR PICKETS INTO GROUND, 3 METRES APART.
3. DIG A 200mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
4. BACKFILL TRENCH OVER BASE OF FABRIC.
5. FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.
6. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.



PERSPECTIVE VIEW



LONGSECTION

NOTES
1. CONFIGURATION TO BE USED ONLY FOR TYPES D (DISPERSIBLE) AND F (FINES). REFER TO 'BLUEBOOK' FOR FURTHER INFORMATION ON SOIL CLASSIFICATION.
2. PREPARE THE SITE UNDER THE EMBANKMENT BY RIPPING AT LEAST 150MM AND COMPACT THE EXISTING SUBSTRATE.
3. SELECT FILL FREE OF ROOTS, WOOD, ROCK, LARGE STONE OR FOREIGN MATERIAL. SPREAD FILL IN 100 TO 150MM LATERS AND COMPACT IT AT OPTIMUM MOISTURE CONTENT.
4. TEMPORARY BASIN WILL REMAIN FOR THE DURATION OF EXCAVATION AND BULK EARTHWORKS.
5. MAINTENANCE MUST BE PERFORMED AT A REGULAR BASIS FOR THE DURATION OF WORKS, BASIN MUST BE EMPTIED WHEN FULL OR AFTER A CONSIDERABLE STORM EVENT, ONCE THE PARTICLES SETTLED.
6. REFER TO THE CIVIL PLANS FOR ITS DESIRED LOCATION AND FURTHER NOTES.

SEDIMENT BASIN
NTS

In the detailed calculation on Soil Loss Classes 1 to 4 lands, the sediment storage zone can be taken as 50 percent of the settling zone capacity. Alternately designers can design the zone to store the 2-month soil loss as calculated by the RUSLE (Section 6.3.4(i)(ii)). However, on Soil Loss Classes 5, 6 and 7 lands, the zone must contain the 2-month soil loss as calculated by the RUSLE (Section 6.3.4(i)(iii).

Place an "X" in the box below to show the sediment storage zone design parameters used here:

X	50% of settling zone capacity,
	2 months soil loss calculated by RUSLE

Total Basin Volume

Catchment	Cv	Rx-day, y-%ile	"Total catchment area (ha)"	"Settling zone volume (m3)"	"Sediment storage volume (m3)"	"Total basin volume (m3)" Required
1	0.50	22.3	1	112	56	168

BASIN SIZE

BASIN	LENGTH (m)	WIDTH (m)	DEPTH (m)	VOLUME (m3)
B-1	20	5.6	1.5	168

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DRAWING TITLE
SEDIMENT AND EROSION CONTROL DETAILS

STATUS
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NTS	BJ	JF	PL

PROJECT NO.	DRAWING NO.	REV.
7042-CV-1051		4

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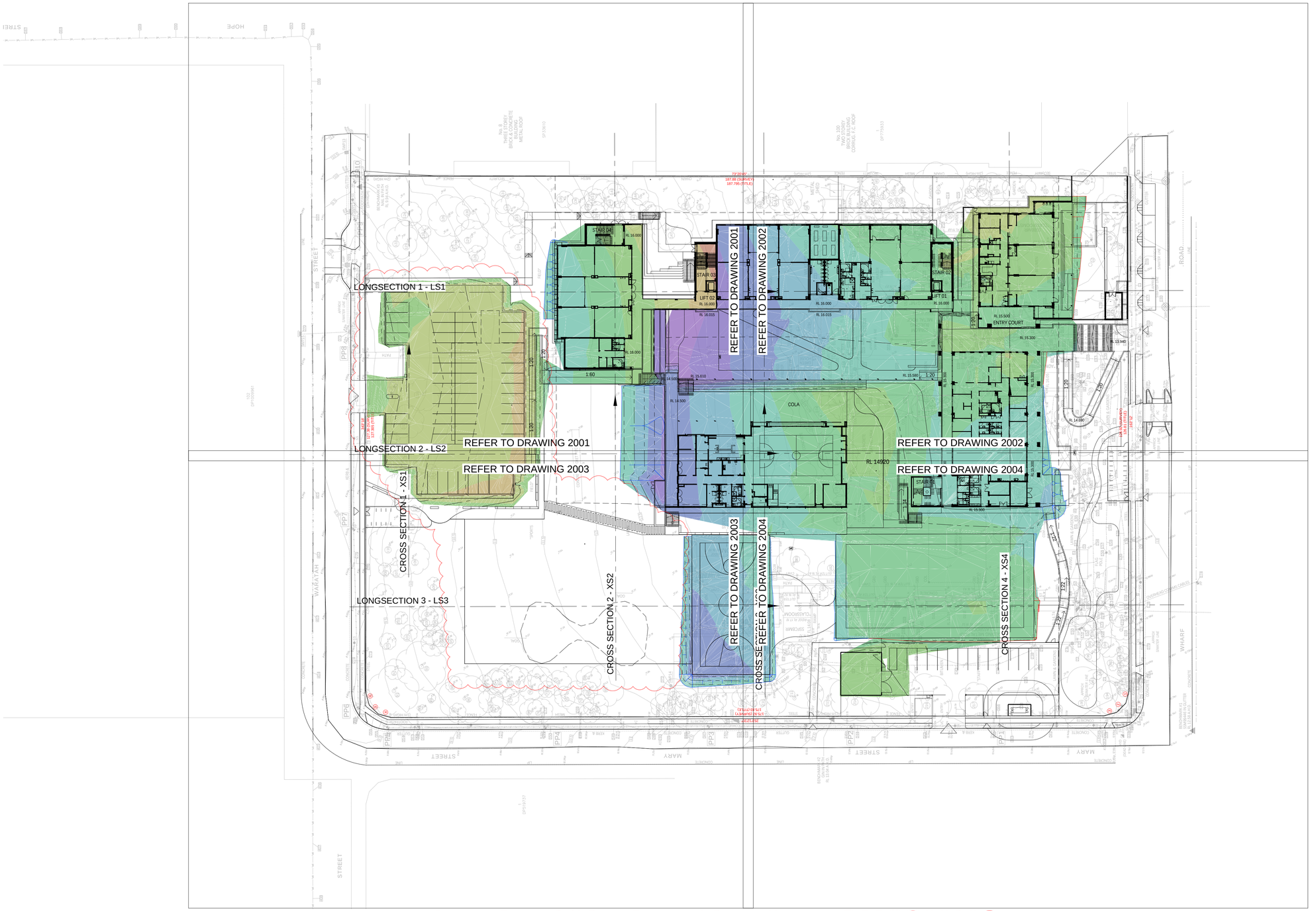
A1



Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
BULK_VOLUME-SITE	**1.000**	**1.000**	13174.075sq.m	4816.800 Cu. M.	3529.120 Cu. M.	1287.680 Cu. M.<Cut>

BULK EARTHWORKS DRAWINGS TO BE READ IN CONJUNCTION WITH NOTES DRAWING.
REFER TO BULK EARTHWORKS NOTES FOR MODEL ASSUMPTIONS AND EXCLUSIONS.

SCALE 1:500

0 10 20 30 m

NOT FOR CONSTRUCTION

Surface Analysis: Elevation Ranges

Number	Color	Minimum Elevation (m)	Maximum Elevation (m)
1		-3.000	-2.500
2		-2.500	-2.000
3		-2.000	-1.500
4		-1.500	-1.000
5		-1.000	-0.500
6		-0.500	0.000
7		0.000	0.500
8		0.500	1.000
9		1.000	1.500
10		1.500	2.000
11		2.000	2.500

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DRAWING TITLE
BULK EARTHWORKS OVERALL PLAN

STATUS
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A1

Surface Analysis: Elevation Ranges

Number	Color	Minimum Elevation (m)	Maximum Elevation (m)
1		-3.000	-2.500
2		-2.500	-2.000
3		-2.000	-1.500
4		-1.500	-1.000
5		-1.000	-0.500
6		-0.500	0.000
7		0.000	0.500
8		0.500	1.000
9		1.000	1.500
10		1.500	2.000
11		2.000	2.500

LEGEND

- BOUNDARY
- ×-1.30 — CUT DEPTH (M)
- ×1.00 — FILL DEPTH (M)
- TOP / TOE — EXCAVATION BATTER
- EXCAVATION PLATFORM
- BE 14.00 — BULK EXCAVATION PLATFORM LEVEL
- BE14.00 — BULK EXCAVATION CONTOUR

SCALE 1:200

0 1 2 5 10m

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
3	14/02/25	ISSUE FOR REF	SO	JF
2	17/01/25	ISSUE FOR TENDER	BJ	JF
1	10/12/24	ISSUE FOR SD	BJ	JF

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MELROSE PARK PUBLIC SCHOOL

110 WHARF ROAD,
MELROSE PARK, NSW 2114

DRAWING TITLE

BULK EARTHWORKS PLAN SHEET 1

STATUS

REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
1:200	BJ	JF	PL

PROJECT NO. 7042-CV-2001 | DRAWING NO. | REV. 4

NOT FOR CONSTRUCTION

Date generated: 10/4/2025 10:28:07 AM U:\TRANSITION\MENSTRUCT\CAD\11-7000\70xxZ\CIV\LUDRAWINGS\7042-CV-2001

A1

Surface Analysis: Elevation Ranges

Number	Color	Minimum Elevation (m)	Maximum Elevation (m)
1		-3.000	-2.500
2		-2.500	-2.000
3		-2.000	-1.500
4		-1.500	-1.000
5		-1.000	-0.500
6		-0.500	0.000
7		0.000	0.500
8		0.500	1.000
9		1.000	1.500
10		1.500	2.000
11		2.000	2.500

LEGEND

- BOUNDARY
- ×-1.30 — CUT DEPTH (M)
- ×1.00 — FILL DEPTH (M)
- TOP / TOE — EXCAVATION BATTER
- EXCAVATION PLATFORM
- BE 14.00 — BULK EXCAVATION PLATFORM LEVEL
- BE14.00 — BULK EXCAVATION CONTOUR

SCALE 1:200

0 1 2 5 10m

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
3	14/02/25	ISSUE FOR REF	SO	JF
2	17/01/25	ISSUE FOR TENDER	BJ	JF
1	10/12/24	ISSUE FOR SD	BJ	JF

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DRAWING TITLE

BULK EARTHWORKS PLAN SHEET 2

STATUS

REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
1:200	BJ	JF	PL

PROJECT NO.	DRAWING NO.	REV.
7042-CV-2002		4

NOT FOR CONSTRUCTION

Date generated: 31/03/2025 10:37:27 PM U:\TRANSITION\ENSTRUCT\CAD\1-7000\7042\CIVIL\DRAWINGS\7042-CV-2002

A1

LONGSECTION 2 - LS2

CONTINUED ON DRAWING 4001

CROSS SECTION 1 - XS1

XS1 2052

LS2 2051

LONGSECTION 3 - LS3

CROSS SECTION 2 - XS2

XS2 2052

FFL 13.000
BE 12.850

FFL 13.730
BE

D=300

CONTINUED ON DRAWING 4004

NOT FOR CONSTRUCTION

Surface Analysis: Elevation Ranges

Number	Color	Minimum Elevation (m)	Maximum Elevation (m)
1		-3.000	-2.500
2		-2.500	-2.000
3		-2.000	-1.500
4		-1.500	-1.000
5		-1.000	-0.500
6		-0.500	0.000
7		0.000	0.500
8		0.500	1.000
9		1.000	1.500
10		1.500	2.000
11		2.000	2.500

LEGEND

- BOUNDARY
- -1.30 — CUT DEPTH (M)
- 1.00 — FILL DEPTH (M)
- TOP / TOE — EXCAVATION BATTER
- EXCAVATION PLATFORM
- BE 14.00 — BULK EXCAVATION PLATFORM LEVEL
- BE14.00 — BULK EXCAVATION CONTOUR

SCALE 1:200

0 1 2 5 10m

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
3	14/02/25	ISSUE FOR REF	SO	JF
2	17/01/25	ISSUE FOR TENDER	BJ	JF
1	10/12/24	ISSUE FOR SD	BJ	JF

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DRAWING TITLE
BULK EARTHWORKS PLAN SHEET 3

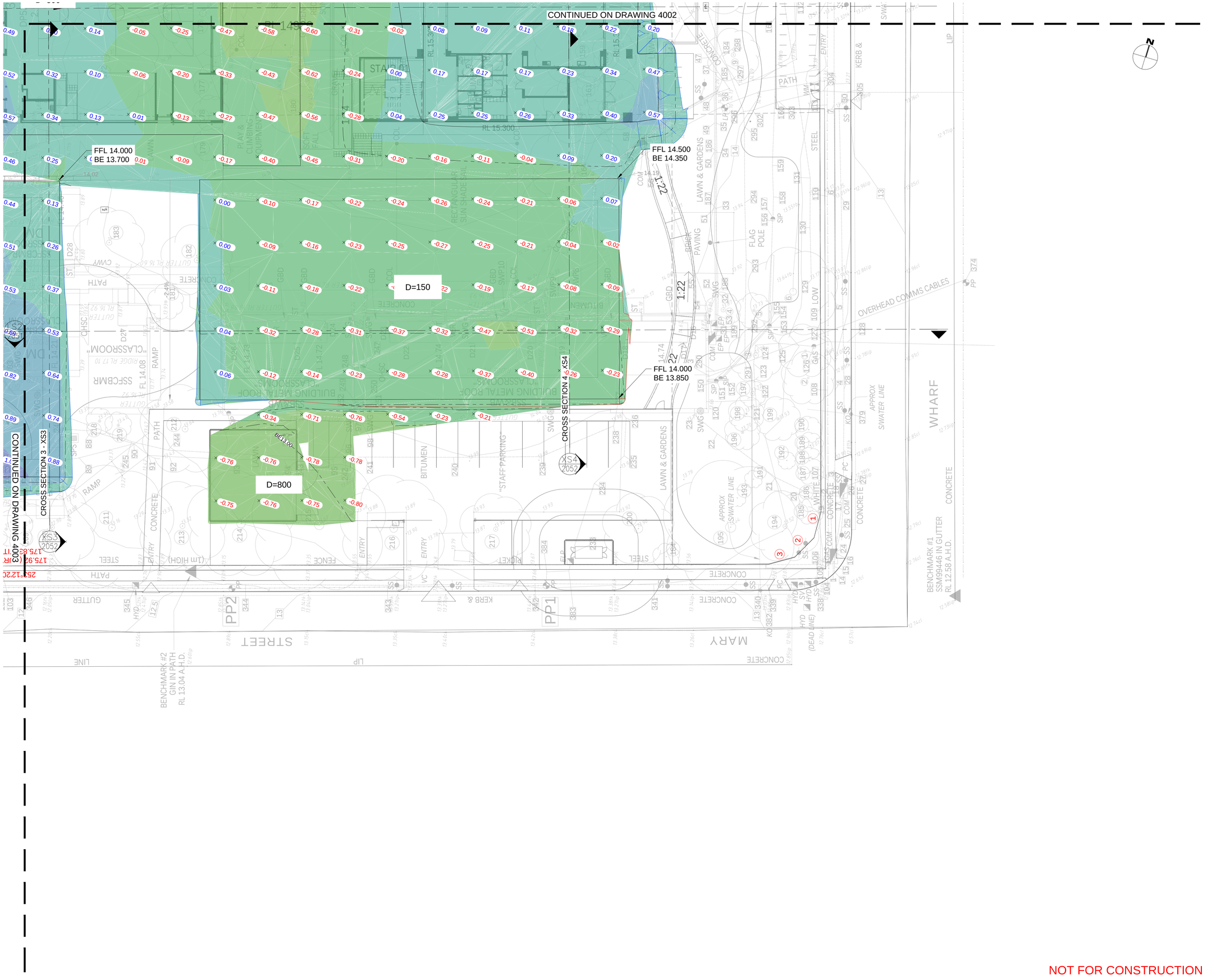
STATUS
REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
1:200	BJ	JF	PL

PROJECT NO. 7042-CV-2003 | DRAWING NO. | REV. 4

Date generated: 31/03/2025 5:38:41 PM L:\1TRANSITION\ENSTRUCT\CAD\11-7000\7042\CIVIL\DRAWINGS\7042-CV-2003

A1



Surface Analysis: Elevation Ranges

Number	Color	Minimum Elevation (m)	Maximum Elevation (m)
1		-3.000	-2.500
2		-2.500	-2.000
3		-2.000	-1.500
4		-1.500	-1.000
5		-1.000	-0.500
6		-0.500	0.000
7		0.000	0.500
8		0.500	1.000
9		1.000	1.500
10		1.500	2.000
11		2.000	2.500

LEGEND

- BOUNDARY
- ×-1.30 — CUT DEPTH (M)
- ×1.00 — FILL DEPTH (M)
- TOP / TOE — EXCAVATION BATTER
- EXCAVATION PLATFORM
- BE 14.00 — BULK EXCAVATION PLATFORM LEVEL
- BE14.00 — BULK EXCAVATION CONTOUR

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
3	14/02/25	ISSUE FOR REF	SO	JF
2	17/01/25	ISSUE FOR TENDER	BJ	JF
1	10/12/24	ISSUE FOR SD	BJ	JF

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MELROSE PARK, NSW 2114

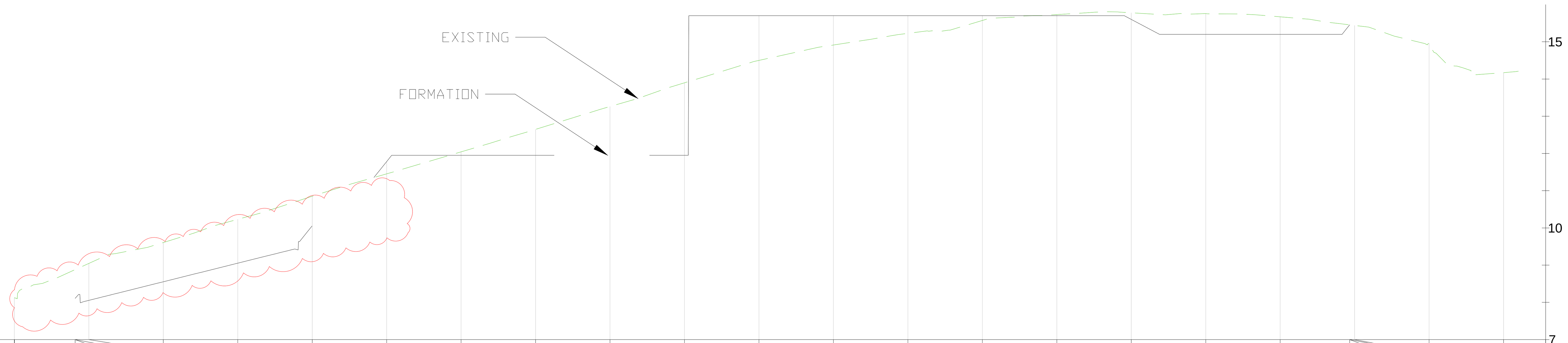
DRAWING TITLE
BULK EARTHWORKS PLAN SHEET 4

STATUS
REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
1:200	BJ	JF	PL

PROJECT NO. 7042-CV-2004 | DRAWING NO. | REV. 4

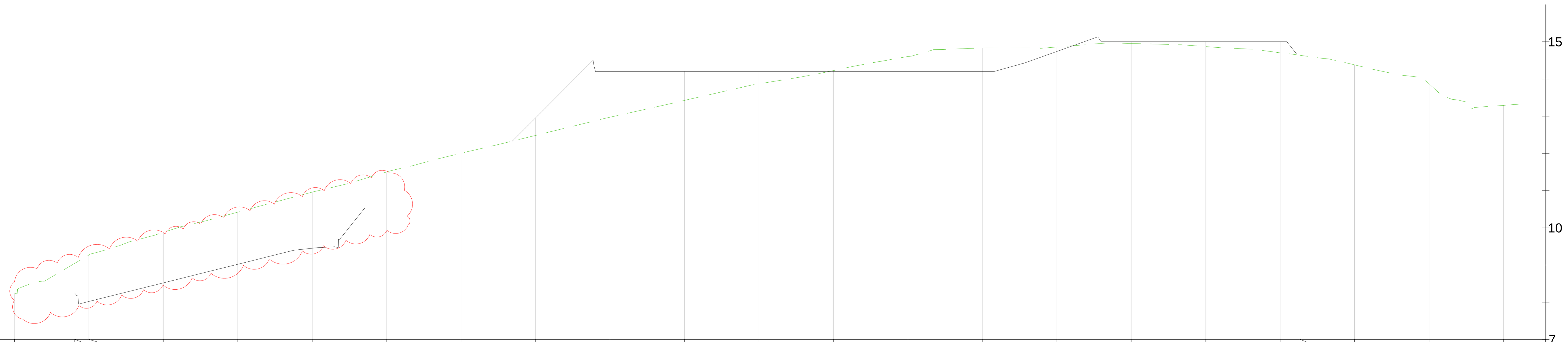
Date generated 31/03/2025 6:49:09 PM U:\TRANSITION\ENSTRUCT\CAD\11-7000\7042CIVIL\DRAWINGS\7042-CV-2004



VERT EXAG 1:5
DATUM 7.000m

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	DEPTH
0.000		8.124	
8.164	8.106	8.880	-0.774
48.291	11.355	11.355	0.000
85.308	11.950	13.588	-1.638
10.000	8.054	9.046	-0.993
20.000	8.553	9.608	-1.055
30.000	9.053	10.231	-1.179
40.000		10.851	
50.000	11.782	11.451	0.33
60.000	11.950	12.043	-0.093
70.000	11.950	12.647	-0.697
80.000		13.261	
90.000	11.950	13.898	-1.948
100.000	15.700	14.499	1.20
110.000	15.700	14.914	0.786
120.000	15.700	15.227	0.473
130.000	15.700	15.573	0.127
140.000	15.700	15.730	-0.030
150.000	15.602	15.780	-0.18
160.000	15.200	15.758	-0.558
170.000	15.200	15.671	-0.471
39.969	10.049	10.849	-0.800
72.494	11.950	12.801	-0.851
179.331	15.455	15.455	0.000
180.000		15.439	
190.000		14.966	
200.000		14.171	
205.650			

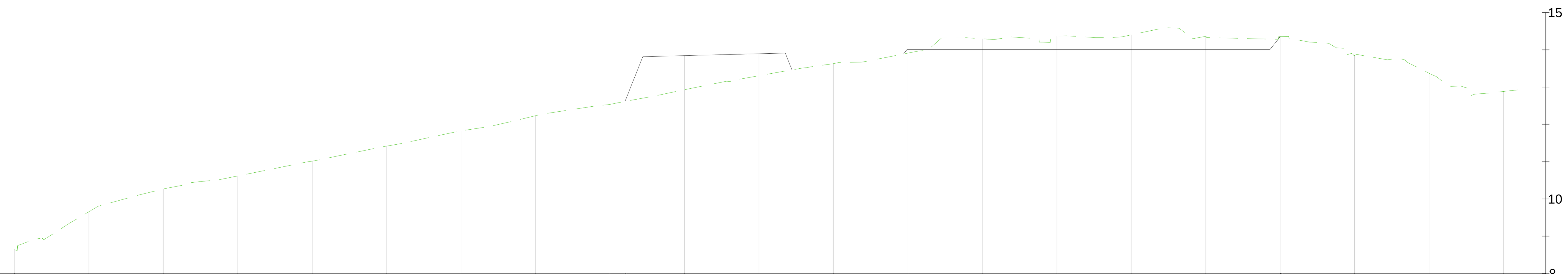
LONGSECTION 1 - LS1



VERT EXAG 1:5
DATUM 7.000m

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	DEPTH
0.000		8.249	
8.108	8.245	9.045	-0.800
66.876	12.330	12.330	0.000
10.000	8.020	9.268	-1.247
20.000	8.520	9.877	-1.358
30.000	9.020	10.421	-1.401
40.000	9.450	10.959	-1.509
50.000		11.501	
60.000		12.004	
70.000	12.955	12.483	0.472
80.000	14.200	12.972	1.228
90.000	14.200	13.423	0.777
100.000	14.200	13.870	0.33
110.000	14.200	14.227	-0.027
120.000	14.200	14.602	-0.402
130.000	14.200	14.832	-0.632
140.000	14.739	14.859	-0.120
150.000	15.000	14.954	0.05
160.000	15.000	14.870	0.130
170.000	15.000	14.703	0.297
47.074	10.536	11.324	-0.788
172.666	14.643	14.636	0.007
180.000		14.378	
190.000		13.871	
200.000		13.292	
205.650			

LONGSECTION 2 - LS2



VERT EXAG 1:5
DATUM 8.000m

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	DEPTH
0.000		8.639	
10.000		9.656	
20.000		10.267	
30.000		10.617	
40.000		11.013	
50.000		11.417	
60.000		11.827	
70.000		12.233	
80.000		12.535	
82.004	12.616	12.616	0.000
119.408	13.888	13.888	0.000
90.000	13.844	12.930	0.914
100.000	13.895	13.305	0.59
110.000		13.629	
120.000	14.006	13.911	0.096
130.000	14.006	14.294	-0.288
140.000	14.006	14.368	-0.362
150.000	14.006	14.401	-0.39
160.000	14.006	14.361	-0.355
170.000	14.349	14.355	-0.005
104.433	13.462	13.462	0.000
170.022	14.355	14.355	0.000
180.000		13.850	
190.000		13.371	
200.000		12.884	
205.650			

LONGSECTION 3 - LS3

SCALE 1:500 HORIZONTAL
0 10 20 30 m

SCALE 1:100 VERTICAL
0 1 2 3 4 5 m

REV	DATE	DESCRIPTION	DRN	CH'K
3	01/04/25	REISSUE FOR REF	SO	JF
2	14/02/25	ISSUE FOR REF	SO	JF
1	17/01/25	ISSUE FOR TENDER	BJ	JF

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MELROSE PARK PUBLIC SCHOOL

110 WHARF ROAD,
MELROSE PARK, NSW 2114

DRAWING TITLE
BULK EARTHWORKS
SECTIONS SHEET 1
LONG SECTIONS

STATUS
REF ISSUE

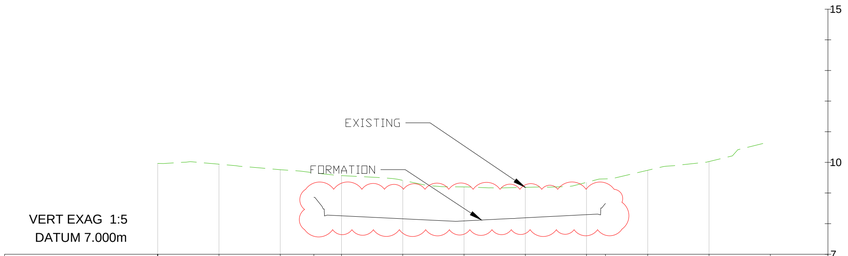
SCALE AT A1	DRAWN	CHECKED	APPROVED
AS SHOWN	BJ	JF	PL

PROJECT NO. DRAWING NO.
7042-CV-2051

REV.
3

NOT FOR CONSTRUCTION

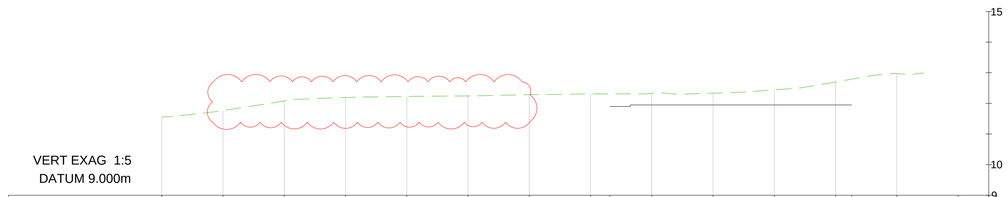
A1



VERT EXAG 1:5
DATUM 7.000m

DESIGN LEVELS				8.860	8.256	8.158	8.089	8.191	8.293	8.660					
EXISTING LEVELS	9.966	9.941	9.761	9.660	9.567	9.413	9.199	9.185	9.347	9.460	9.743	10.026			
DEPTH				-0.800	-1.310	-1.255	-1.11	-0.994	-1.054	-0.800					
CHAINAGE	0.000	10.000	20.000	25.498	30.000	40.000	50.000	60.000	70.000	73.082	80.000	90.000	100.000	109.407	

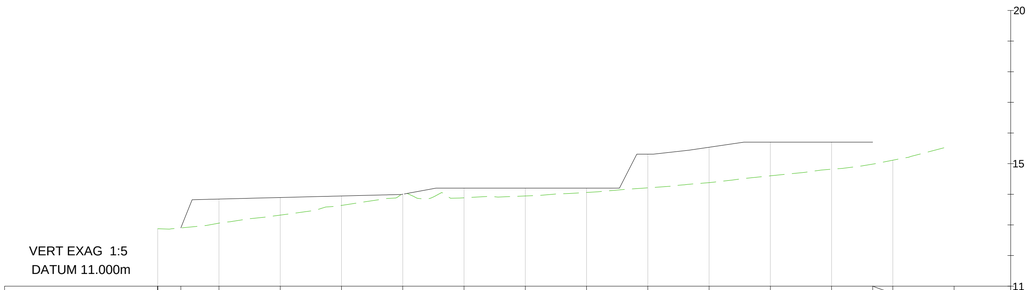
CROSS SECTION 1 - XS1



VERT EXAG 1:5
DATUM 9.000m

DESIGN LEVELS									11.899	11.950	11.950	11.950	11.950	11.950							
EXISTING LEVELS	11.555	11.766	12.076	12.192	12.223	12.243	12.283	12.308	12.309	12.331	12.333	12.441	12.699	12.790	12.967						
DEPTH									-0.410	-0.381	-0.383	-0.49	-0.749	-0.840							
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	73.164	80.000	90.000	100.000	110.000	112.627	120.000	130.000	135.009				

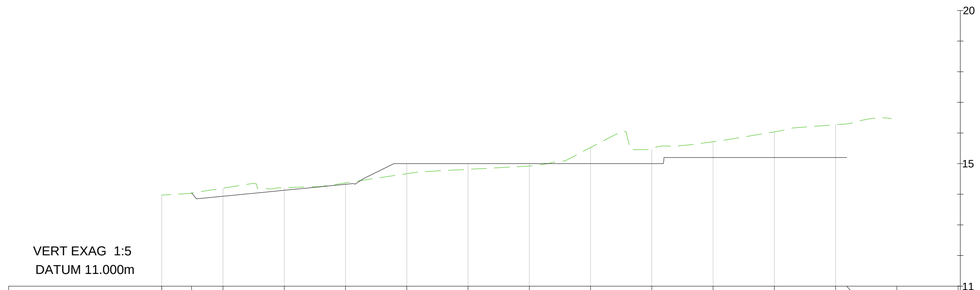
CROSS SECTION 2 - XS2



VERT EXAG 1:5
DATUM 11.000m

DESIGN LEVELS		12.902	13.844	13.894	13.944		14.200	14.200	14.200	15.310	15.534	15.700	15.700	13.994	15.700							
EXISTING LEVELS	12.874	12.902	13.057	13.319	13.636	14.031	13.885	13.944	14.059	14.209	14.380	14.602	14.817	14.030	14.985	15.112						
DEPTH		0.000	0.786	0.575	0.308		0.32	0.256	0.141	1.101	1.154	1.10	0.883	-0.036	0.715							
CHAINAGE	0.000	3.776	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	39.991	116.719	120.000	130.000	139.235				

CROSS SECTION 3 - XS3



VERT EXAG 1:5
DATUM 11.000m

DESIGN LEVELS		14.031	13.935	14.130	14.325	15.000	15.000	15.000	15.000	15.000	15.000	15.200	15.200	15.200	15.200							
EXISTING LEVELS	13.974	14.040	14.200	14.215	14.372	14.671	14.813	14.920	15.524	15.475	15.716	16.037	16.269	16.297								
DEPTH		-0.009	-0.265	-0.085	-0.047	0.329	0.19	0.080	-0.524	-0.475	-0.516	-0.84	-1.069	-1.097								
CHAINAGE	0.000	4.872	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	111.826	120.000	130.000	130.350					

CROSS SECTION 4 - XS4

NOT FOR CONSTRUCTION

SCALE 1:500 HORIZONTAL

0 10 20 30 m

SCALE 1:100 VERTICAL

0 1 2 3 4 5 m

REV	DATE	DESCRIPTION	DRN	CH'K
3	01/04/25	REISSUE FOR REF	SO	JF
2	14/02/25	ISSUE FOR REF	SO	JF
1	17/01/25	ISSUE FOR TENDER	BJ	JF

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PROJECT

MELROSE PARK PUBLIC SCHOOL

110 WHARF ROAD,
MELROSE PARK, NSW 2114

DRAWING TITLE

BULK EARTHWORKS SECTIONS SHEET 2 CROSS SECTIONS

STATUS

REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
AS SHOWN	BJ	JF	PL

PROJECT NO. 7042-CV-2052

DRAWING NO.

REV. 3

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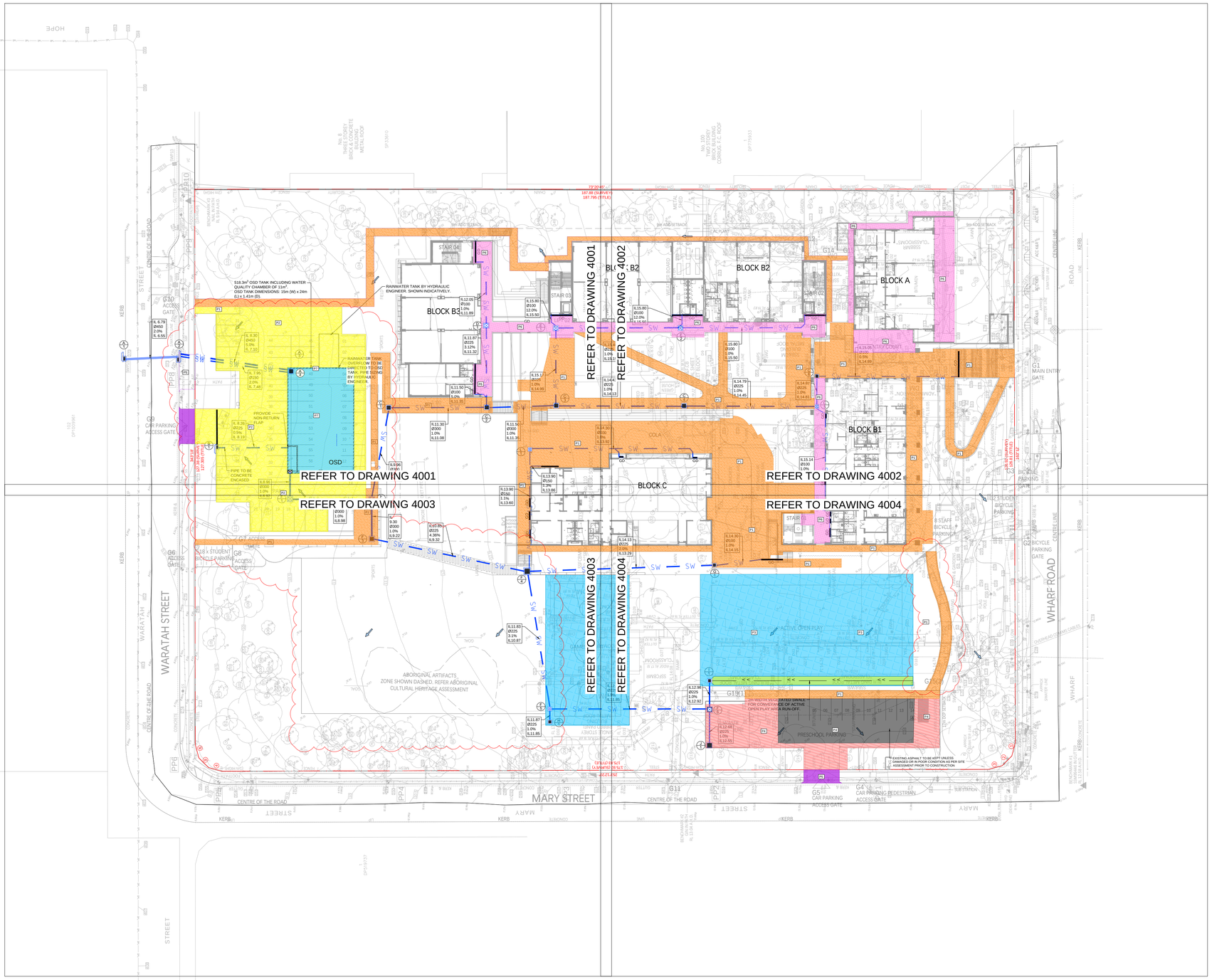
A1



SCALE 1:500

0 10 20 30 m

NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
3	14/02/25	ISSUE FOR REF	SO	JF
2	17/01/25	ISSUE FOR TENDER	BJ	JF
1	10/12/24	ISSUE FOR SD	SO	JF

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110 WHARF ROAD,
MELROSE PARK, NSW 2114

DRAWING TITLE
SITEWORKS PLAN
OVERALL PLAN

STATUS
REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
1:500	SO	JF	PL

PROJECT NO. 7042-CV-4000 | DRAWING NO. | REV. 4

A1

SITEWORKS LEGEND

- SW — Stormwater pit, flow direction and line with
- IL10.00 / 600 Ø 'Z' / 1.25% / IL9.65 — Invert level upstream, Pipe size and class, Pipe grade, Invert level downstream
- Grated and solid lid pits
- On-grade kerb inlet and sag pit
- GD — Grated drain
- FK — Flush kerb
- KO — Kerb only
- KG — Kerb and Gutter
- RW# — Blockwork retaining wall detail on CV-4053

PAVEMENT

- P1 — PAVEMENT TYPE 1: PEDESTRIAN CONCRETE
- P2 — PAVEMENT TYPE 2: VEHICULAR FLEXIBLE PAVEMENT
- P3 — PAVEMENT TYPE 3: SPORTS PLAYGROUND
- P4 — PAVEMENT TYPE 4: EXISTING TO BE RETAINED
- P5 — PAVEMENT TYPE 5: CONCRETE VEHICULAR DRIVEWAY AS PER COUNCIL SPECIFICATION
- P6 — PAVEMENT TYPE 6: STRUCTURAL SLAB, REFER TO STRUCTURAL ENGINEERS DRAWINGS
- P7 — PAVEMENT TYPE 7: OSD TANK SLAB, REFER TO DETAIL ON 7042-CV-4052

NOTES:
- REFER TO SHEET 4052 FOR PAVEMENT MAKEUP
- PAVEMENT NOT SHOWN IN THIS DRAWING WILL FORM PART OF THE SUSPENDED STRUCTURE. REFER TO STRUCTURAL DRAWINGS.

SCALE 1:200

0 1 2 5 10m

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
3	14/02/25	ISSUE FOR REF	SO	JF
2	17/01/25	ISSUE FOR TENDER	BJ	JF
1	10/12/24	ISSUE FOR SD	SO	JF

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MELROSE PARK PUBLIC SCHOOL

110 WHARF ROAD,
MELROSE PARK, NSW 2114

DRAWING TITLE
SITEWORKS PLAN
SHEET 1

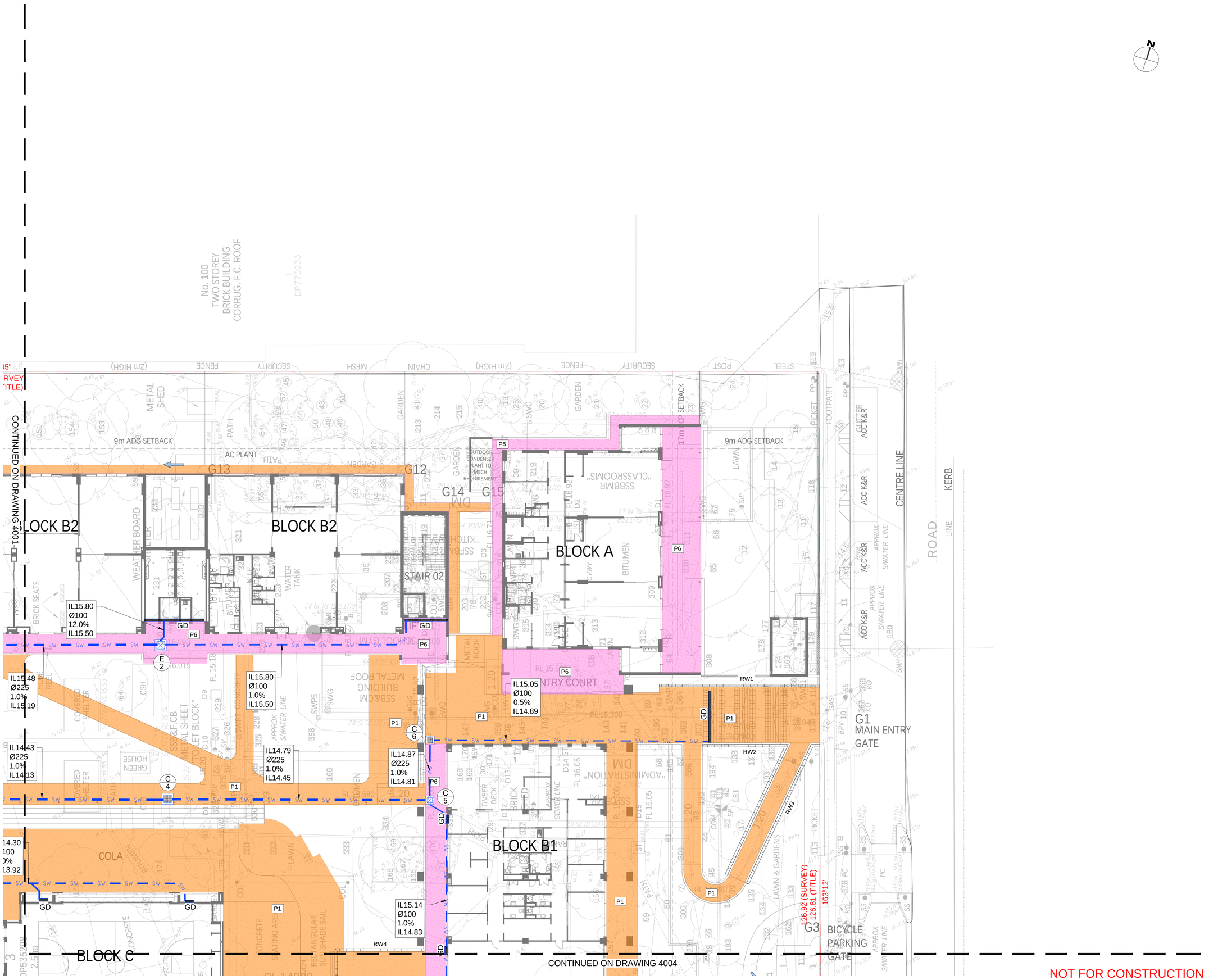
STATUS
REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
1:200	SO	JF	PL

PROJECT NO. 7042-CV-4001 | DRAWING NO. | REV. 4

NOT FOR CONSTRUCTION

A1



SITEWORKS LEGEND

SW IL10.00 600 Ø 'Z' 1.25% IL9.65	Stormwater pit, flow direction and line with Invert level upstream Pipe size and class Pipe grade Invert level downstream
	Grated and solid lid pits
	On-grade kerb inlet and sag pit
GD	Grated drain
FK	Flush kerb
KO	Kerb only
KG	Kerb and Gutter
RW#	Blockwork retaining wall detail on CV-4053

PAVEMENT

P1	PAVEMENT TYPE 1: PEDESTRIAN CONCRETE
P2	PAVEMENT TYPE 2: VEHICULAR FLEXIBLE PAVEMENT
P3	PAVEMENT TYPE 3: SPORTS PLAYGROUND
P4	PAVEMENT TYPE 4: EXISTING TO BE RETAINED
P5	PAVEMENT TYPE 5: CONCRETE VEHICULAR DRIVEWAY AS PER COUNCIL SPECIFICATION
P6	PAVEMENT TYPE 6: STRUCTURAL SLAB, REFER TO STRUCTURAL ENGINEERS DRAWINGS
P7	PAVEMENT TYPE 7: OSD TANK SLAB, REFER TO DETAIL ON 7042-CV-4052

NOTES:
- REFER TO SHEET 4052 FOR PAVEMENT MAKEUP
- PAVEMENT NOT SHOWN IN THIS DRAWING WILL FORM PART OF THE SUSPENDED STRUCTURE. REFER TO STRUCTURAL DRAWINGS.

SCALE 1:200

0 1 2 5 10m

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
3	14/02/25	ISSUE FOR REF	SO	JF
2	17/01/25	ISSUE FOR TENDER	BJ	JF
1	10/12/24	ISSUE FOR SD	SO	JF

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PROJECT
MELROSE PARK PUBLIC SCHOOL

110 WHARF ROAD,
MELROSE PARK, NSW 2114

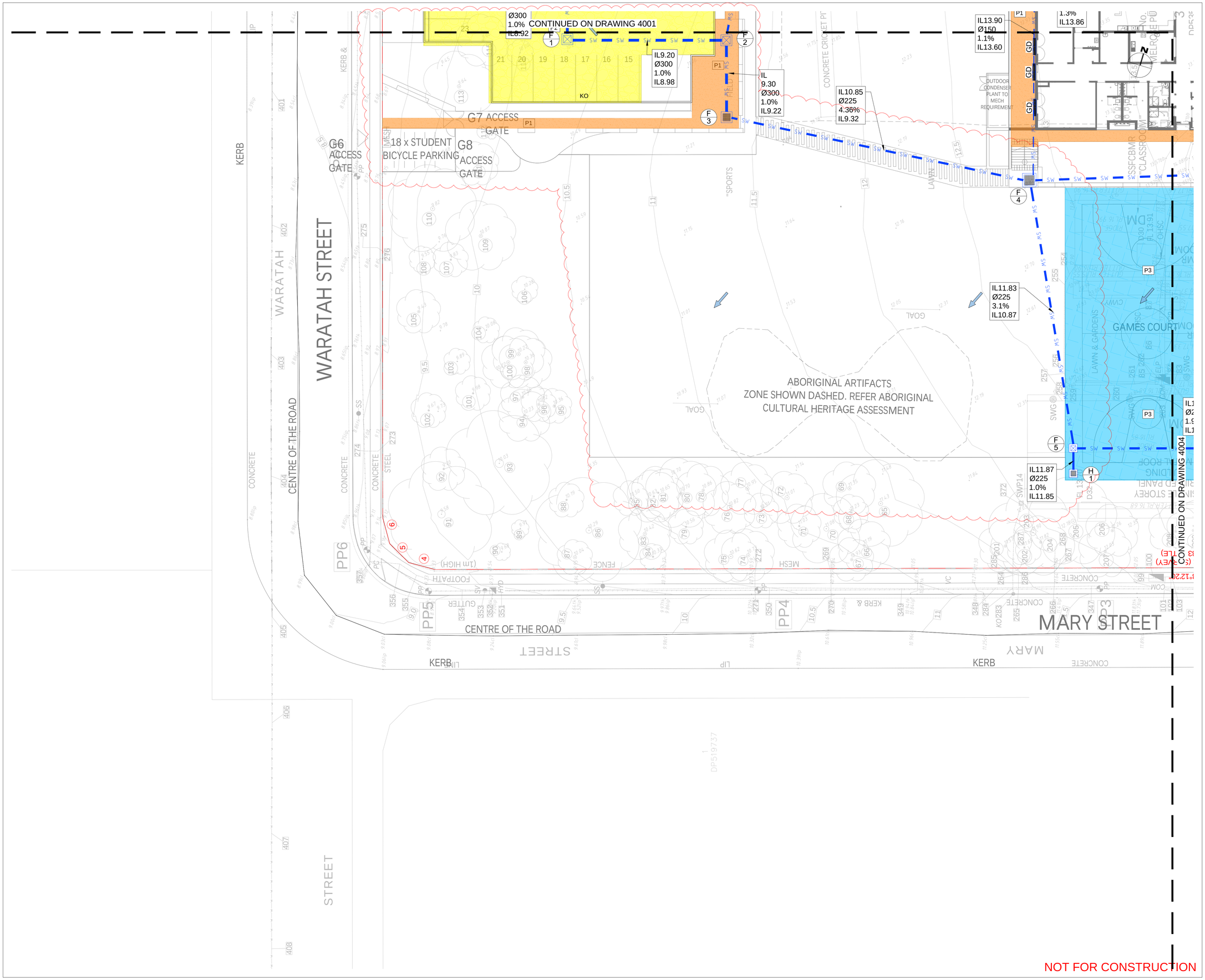
DRAWING TITLE
SITEWORKS PLAN
SHEET 2

STATUS
REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
1:200	SO	JF	PL

PROJECT NO. 7042-CV-4002 | DRAWING NO. | REV. 4

A1



SITEWORKS LEGEND

- SW — Stormwater pit, flow direction and line with
- IL10.00 / 600 Ø 'Z' / 1.25% / IL9.65 — Invert level upstream / Pipe size and class / Pipe grade / Invert level downstream
- Grated and solid lid pits
- On-grade kerb inlet and sag pit
- GD — Grated drain
- FK — Flush kerb
- KO — Kerb only
- KG — Kerb and Gutter
- RW# — Blockwork retaining wall detail on CV-4053

PAVEMENT

- P1 — PAVEMENT TYPE 1: PEDESTRIAN CONCRETE
- P2 — PAVEMENT TYPE 2: VEHICULAR FLEXIBLE PAVEMENT
- P3 — PAVEMENT TYPE 3: SPORTS PLAYGROUND
- P4 — PAVEMENT TYPE 4: EXISTING TO BE RETAINED
- P5 — PAVEMENT TYPE 5: CONCRETE VEHICULAR DRIVEWAY AS PER COUNCIL SPECIFICATION
- P6 — PAVEMENT TYPE 6: STRUCTURAL SLAB, REFER TO STRUCTURAL ENGINEERS DRAWINGS
- P7 — PAVEMENT TYPE 7: OSD TANK SLAB, REFER TO DETAIL ON 7042-CV-4052

NOTES:
- REFER TO SHEET 4052 FOR PAVEMENT MAKEUP
- PAVEMENT NOT SHOWN IN THIS DRAWING WILL FORM PART OF THE SUSPENDED STRUCTURE. REFER TO STRUCTURAL DRAWINGS.

SCALE 1:200

0 1 2 5 10m

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
3	14/02/25	ISSUE FOR REF	SO	JF
2	17/01/25	ISSUE FOR TENDER	BJ	JF
1	10/12/24	ISSUE FOR SD	SO	JF

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MELROSE PARK, NSW 2114

DRAWING TITLE
SITEWORKS PLAN
SHEET 3

STATUS
REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
1:200	SO	JF	PL

PROJECT NO. 7042-CV-4003 | DRAWING NO. | REV. 4

NOT FOR CONSTRUCTION

Date generated 17/01/2025 10:58:33 AM L:\1TRANSITIONEN\STRUCT\CAD\11-7000\7042\CIVIL\DRAWINGS\7042-CV-4003

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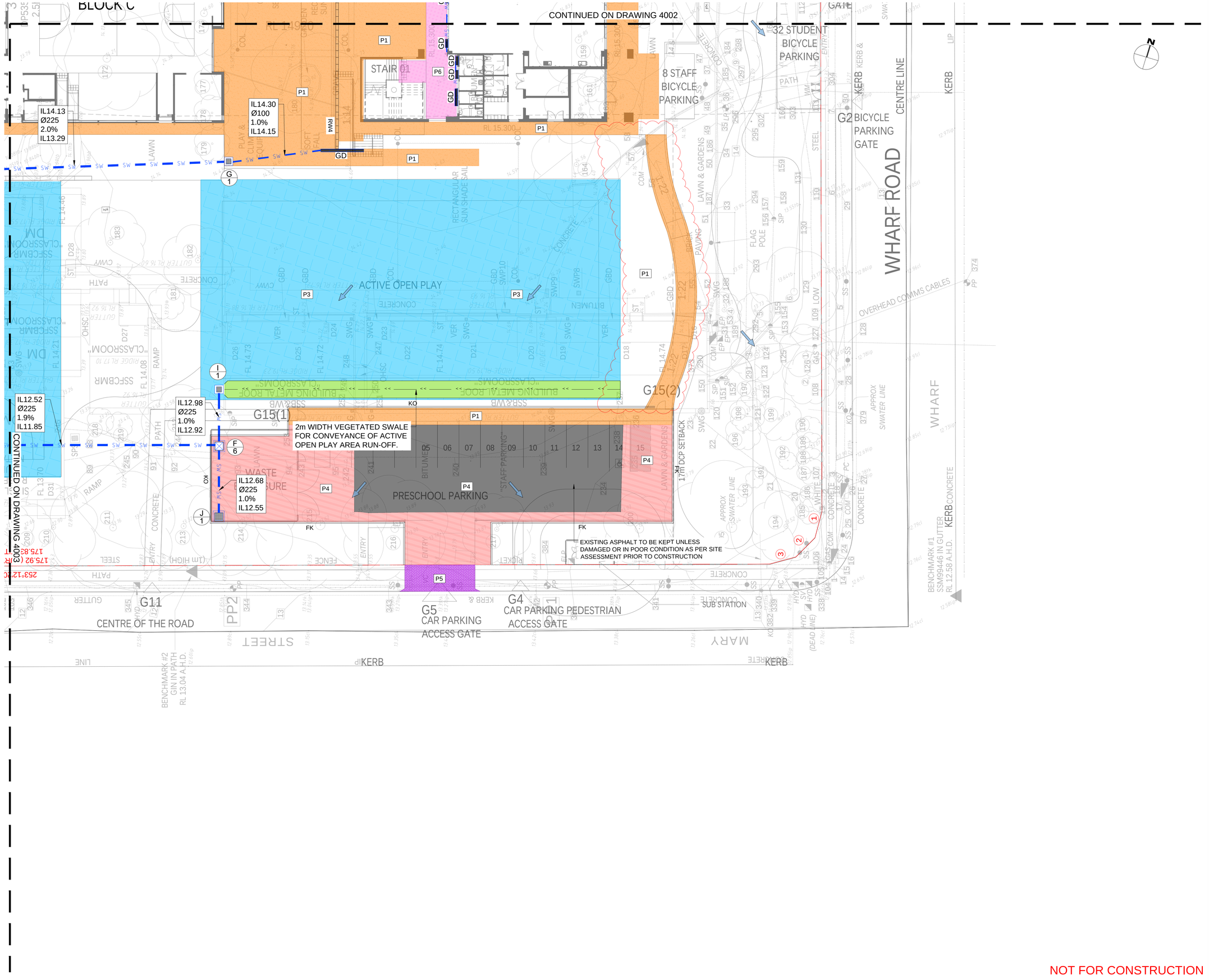

SITEWORKS LEGEND

- SW — Stormwater pit, flow direction and line with
- IL10.00 / 600 Ø '2' / 1.25% / IL9.65 — Invert level upstream / Pipe size and class / Pipe grade / Invert level downstream
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- GD — Grated drain
- FK — Flush kerb
- KO — Kerb only
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- RW# — Blockwork retaining wall detail on CV-4053

PAVEMENT

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- P6 — PAVEMENT TYPE 6: STRUCTURAL SLAB, REFER TO STRUCTURAL ENGINEERS DRAWINGS
- P7 — PAVEMENT TYPE 7: OSD TANK SLAB, REFER TO DETAIL ON 7042-CV-4052

NOTES:
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- PAVEMENT NOT SHOWN IN THIS DRAWING WILL FORM PART OF THE SUSPENDED STRUCTURE. REFER TO STRUCTURAL DRAWINGS.

SCALE 1:200

0 1 2 5 10m

REV	DATE	DESCRIPTION	DRN	CH'K
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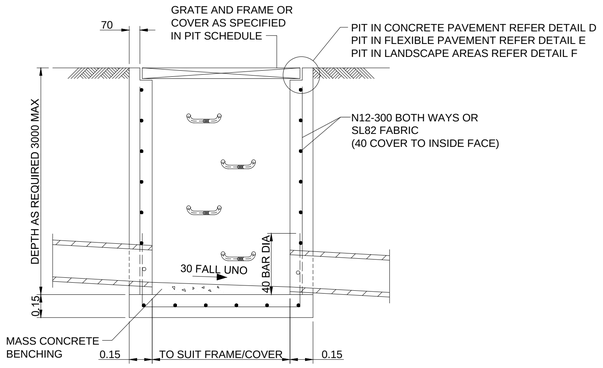
DRAWING TITLE
SITEWORKS PLAN
SHEET 4

STATUS
REF ISSUE

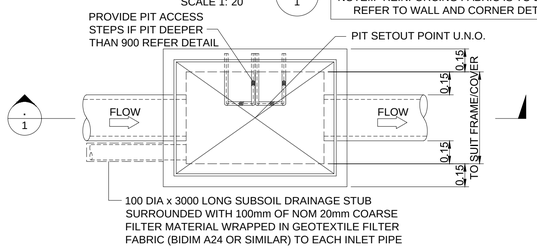
SCALE AT A1	DRAWN	CHECKED	APPROVED
1:200	SO	JF	PL

PROJECT NO. 7042-CV-4004 | DRAWING NO. | REV. 4



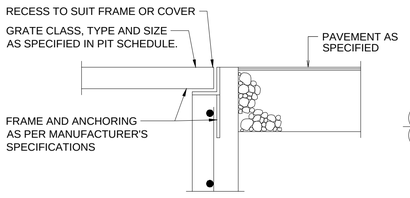
SECTION 1
SCALE 1: 20

NOTE:IF REINFORCING FABRIC IS TO BE USED REFER TO WALL AND CORNER DETAILS

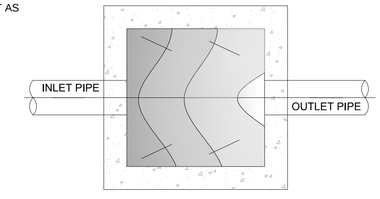


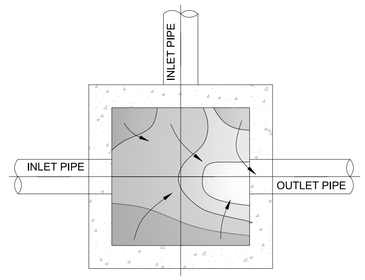
PLAN
SCALE 1:20

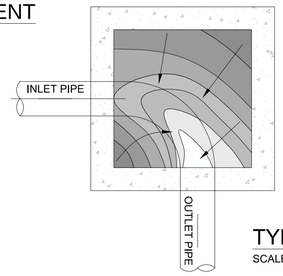
IN-SITU REGULAR JUNCTION PIT



DETAIL E
INTERFACE WITH FLEXIBLE PAVEMENT
SCALE 1:10



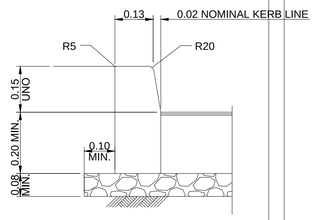




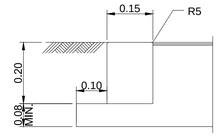
TYPICAL PIT BENCHING DETAILS
SCALE 1:20

NOTES:

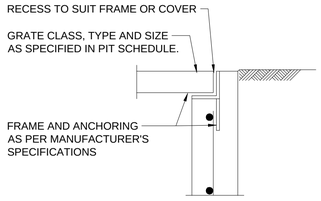
1. MASS CONCRETE BENCHING WITHIN PITS MUST BE FORMED SO AS TO CONVEY WATER FROM INLET(S) TO OUTLET.
2. BENCHING SHOULD BE ACHIEVE MINIMUM CROSS FALLS WITHIN PITS AS REQUIRED BY ENSTRUCT'S PIT DETAILS AND AUSTRALIAN STANDARDS.
3. NO WATER IS TO STAND IN PITS WHEN BENCHING IS COMPLETE.



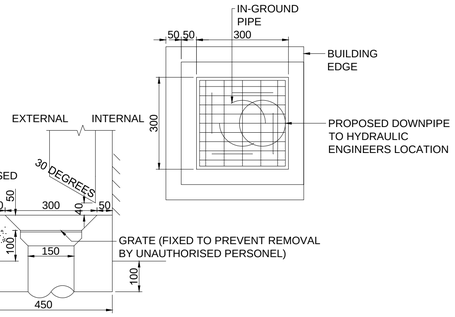
KERB ONLY (KO)
SCALE 1:10



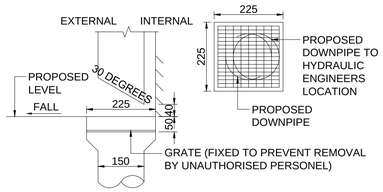
FLUSH KERB (FK)
SCALE 1:10



DETAIL F
INTERFACE WITH LANDSCAPE AREAS
SCALE 1:10



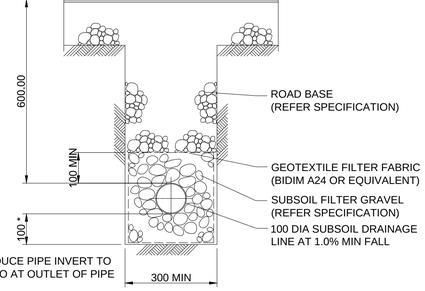
IN LANDSCAPING



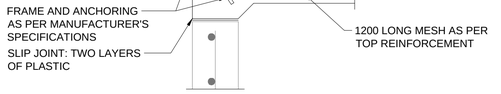
IN PAVEMENT

SCHOOL DOWNPIPE DETAILS

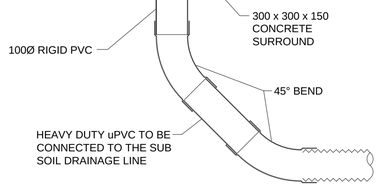
KERB AND GUTTER (K&G)
SCALE 1:10



SUBSOIL IN PAVED AREAS
SCALE 1:10

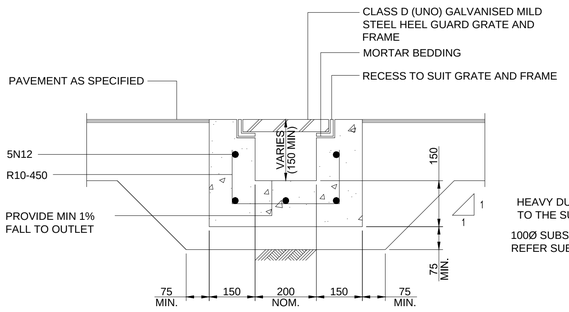


DETAIL D
INTERFACE WITH CONCRETE PAVEMENT
SCALE 1:10

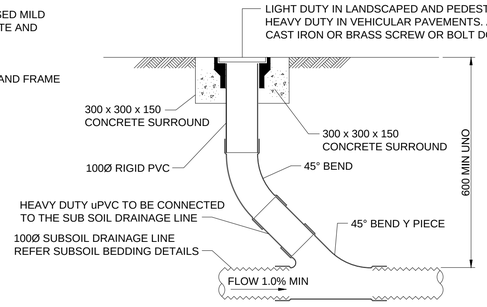


FLUSHING POINT (FP)
SCALE 1:10

NOTE: SLOTTED RIGID PVC PIPE AND FITTINGS MAY BE USED

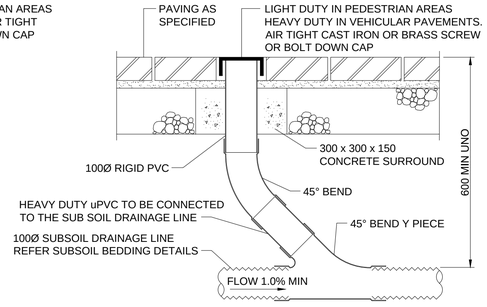


GRATED DRAIN
SCALE 1:10



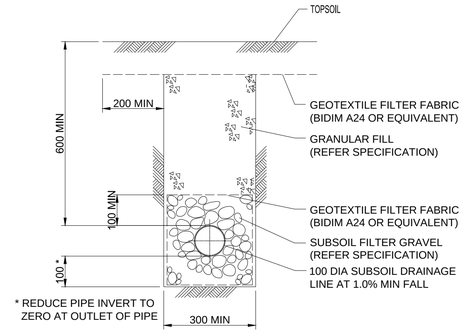
INTERMEDIATE RISER (IR)
SCALE 1:10

NOTE: SLOTTED RIGID PVC PIPE AND FITTINGS MAY BE USED



INTERMEDIATE RISER (IR) IN PAVERS
SCALE 1:10

NOTE: SLOTTED RIGID PVC PIPE AND FITTINGS MAY BE USED



SUBSOIL IN LANDSCAPED AREAS
SCALE 1:10

NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRN	CH'K
4	01/04/25	REISSUE FOR REF	SO	JF
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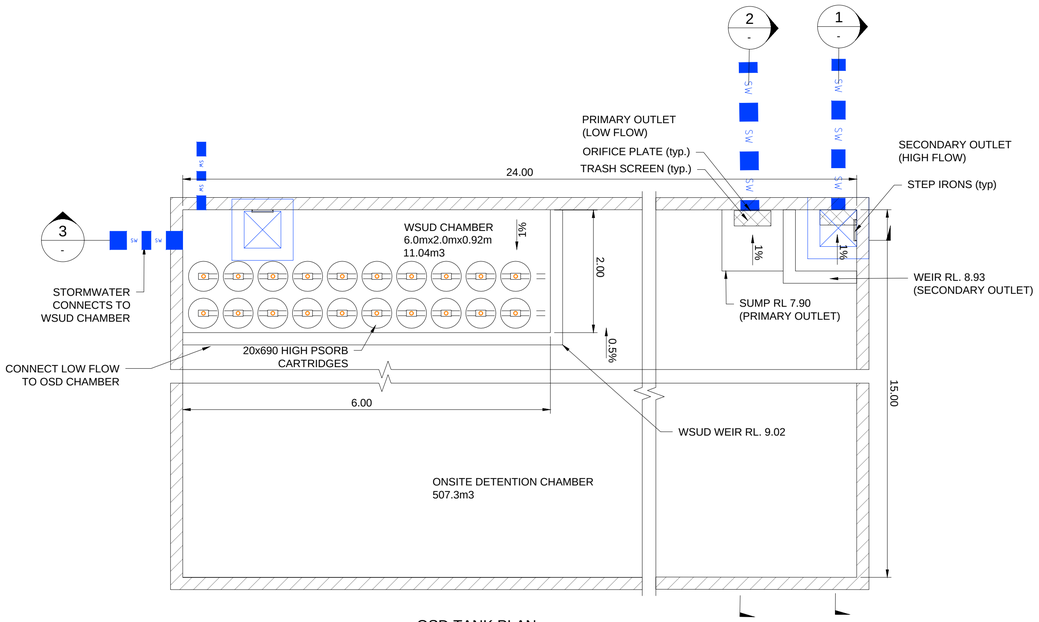
DRAWING TITLE
DETAILS SHEET 1

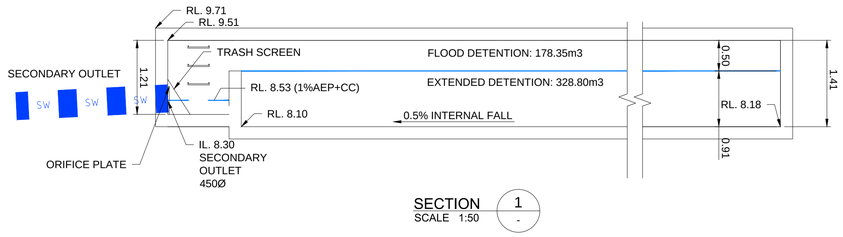
STATUS
REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
AS SHOWN	SO	JF	PL

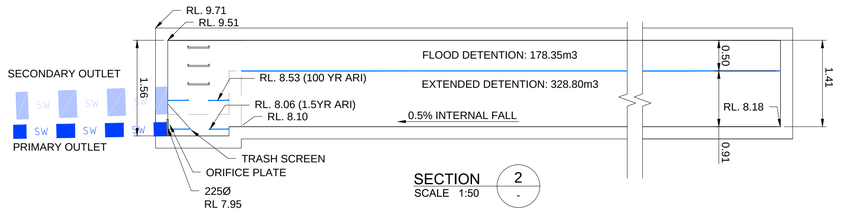
PROJECT NO. 7042-CV-4051
DRAWING NO.
REV. 4



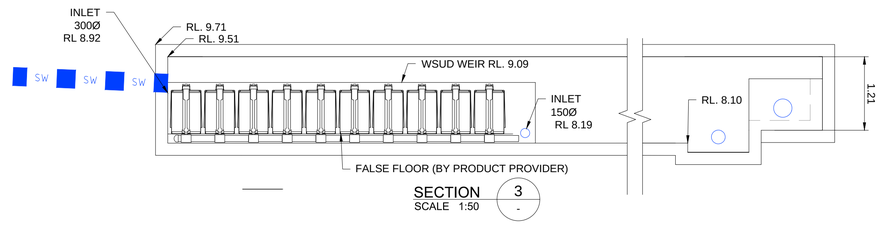
OSD TANK PLAN
SCALE 1:50



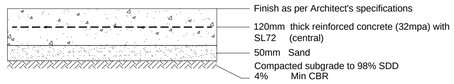
SECTION 1
SCALE 1:50



SECTION 2
SCALE 1:50

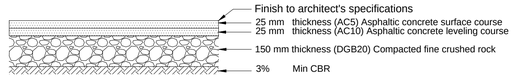


SECTION 3
SCALE 1:50



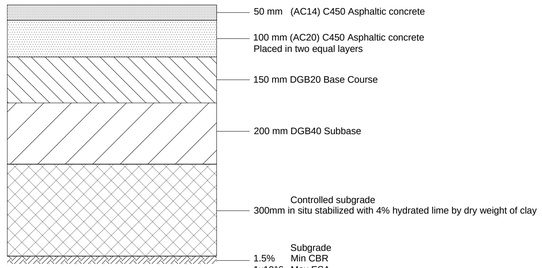
PAVEMENT TYPE 1
SCALE 1:10

REINFORCED CONCRETE PAVEMENT



PAVEMENT TYPE 3
SCALE 1:10

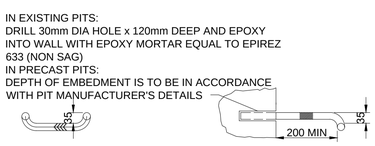
GAME COURTS - THIN BITUMINOUS SURFACE
AS PER ESFG 96.02.03 AND SG72



PAVEMENT TYPE 2
SCALE 1:10

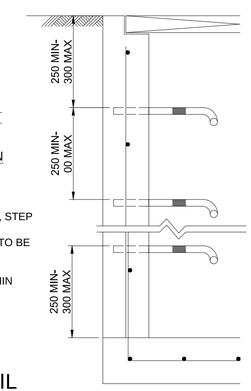
FULL DEPTH ASPHALT WITH CONTROLLED SUBGRADE

IN EXISTING PITS:
DRILL 30mm DIA HOLE x 120mm DEEP AND EPOXY
INTO WALL WITH EPOXY MORTAR EQUAL TO EPIREZ
633 (NON SAG)
IN PRECAST PITS:
DEPTH OF EMBEDMENT IS TO BE IN ACCORDANCE
WITH PIT MANUFACTURER'S DETAILS



FRONT ELEVATION

SIDE ELEVATION



SECTION

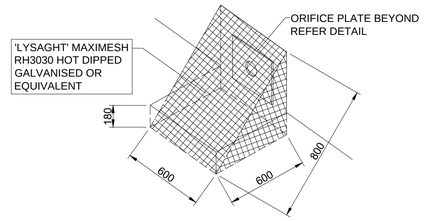
PLAN

NOTES
1 WHEN POSITIONED IN STRAIGHT ALIGNMENT, STEP TO BE 400 WIDE.
2 STAGGERED STEPS TO BE 200 WIDE, STEPS TO BE STAGGERED 200 CENTRE TO CENTRE FOR ALTERNATE STEPS.
3 SPACING OF STEPS TO BE UNIFORM TO WITHIN ±5mm IN EACH PIT.

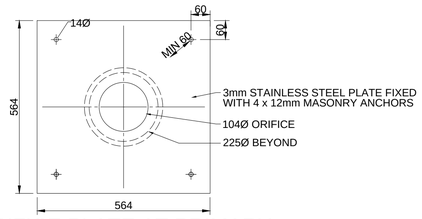
24 DIA GALVANISED
MILD STEEL

ACCESS STEP DETAIL
SCALE 1:10

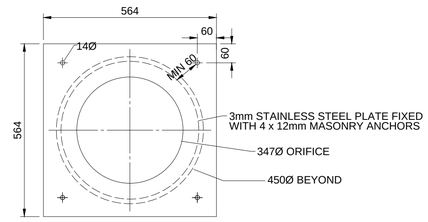
TO BE PROVIDED FOR
DEPTHS GREATER THAN
900mm



TRASH SCREEN DETAIL
NTS



ORIFICE PLATE AT PRIMARY OUTLET DETAIL
SCALE 1:10



ORIFICE PLATE AT SECONDARY OUTLET DETAIL
SCALE 1:10

NOT FOR CONSTRUCTION

NOTE: IF BR IS NOT MET ON SITE, A SUBGRADE IMPROVEMENT WILL BE REQUIRED. DESIGN BASED ON AVAILABLE INFORMATION AT THE TIME. FURTHER GEOTECH INVESTIGATION IS TO BE PROVIDED.

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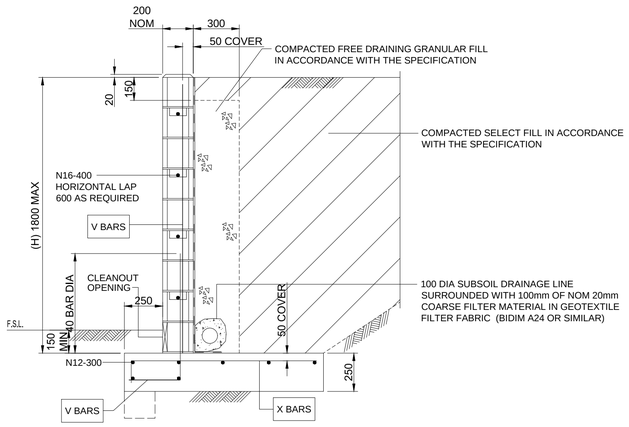
DETAILS SHEET 2

STATUS
REF ISSUE

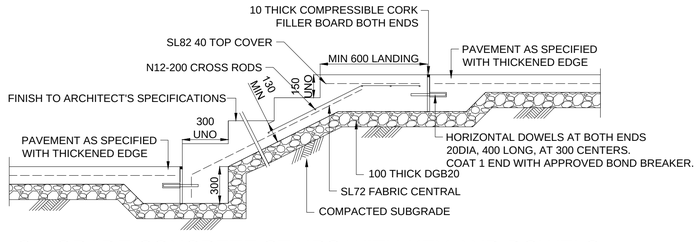
SCALE AT A1	DRAWN	CHECKED	APPROVED
AS SHOWN	SO	JF	PL

PROJECT NO.	DRAWING NO.	REV.
7042-CV-4052		4



RETAINING WALL (RW1)

SCALE 1:20



ON-GRADE CONCRETE STAIRS WITH KEY AND DOWELS

SCALE 1:20

NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRN	CH'K
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2	14/02/25	ISSUE FOR REF	SO	JF
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DRAWING TITLE
DETAILS SHEET 3

STATUS
REF ISSUE

SCALE AT A1	DRAWN	CHECKED	APPROVED
AS SHOWN	BJ	JF	PL

PROJECT NO. 7042-CV-4053 | DRAWING NO. | REV. 4