

enstruct

CIVIL ENGINEERING WORKS

CANVA - SURRY HILLS

8-24 KIPPAX STREET, SURRY HILLS 2010



LOCALITY PLAN
SCALE: 1:200

CIVIL ENGINEERING WORKS DRAWING LIST:

7039-CV-0001	COVER SHEET, LOCALITY PLAN AND DRAWING LIST
7039-CV-0002	NOTES SHEET
7039-CV-2001	SITeworks PLAN
7039-CV-3001	STORMWATER PLAN
7039-CV-3051	STORMWATER CATCHMENT PLAN
7039-CV-3501	DETAILS SHEET 1

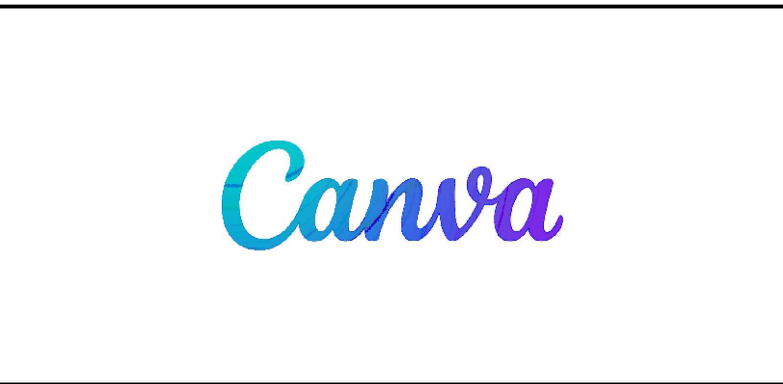
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project	CANVA - SURRY HILLS
	8-24 KIPPAX STREET, SURRY HILLS 2010

drawing title	COVER SHEET, LOCALITY PLAN AND DRAWING LIST
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status			
FOR INFORMATION ONLY			
scale at A1	drawn	checked	approved
N.T.S	MZV	PAL	DEC-23
project no.	sheet	rev.	
7039	7039-CV-0001	01	

SURVEY AND SERVICES INFORMATION

SURVEY
Origin of levels : PM53243 - 18.302m AHD
Datum of levels : A.H.D. AUSTRALIAN HEIGHT DATUM
Coordinate system : MGA-56
Survey prepared by : C & A SURVEYORS
Setout Points : CONTACT THE SURVEYOR

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.

UNDERGROUND SERVICES - WARNING

The locations of underground services shown on enstruct drawings have been plotted from diagrams provided by service authorities. This information has been prepared solely for the authorities own use and may not necessarily be updated or accurate.
The position of services as recorded by the authority at the time of installation may not reflect changes in the physical environment subsequent to installation.
enstruct does not guarantee that the services information shown on these drawings shows more than the presence or absence of services, and will accept no liability for inaccuracies in the services information shown from any cause whatsoever.

The Contractor must confirm the exact location and extent of services prior to construction and notify any conflict with the drawings immediately to the Engineer/Superintendent.

The contractor is to get approval from the relevant state survey department, to remove/adjust any survey mark. This includes 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.

enstruct plans do not indicate the presence of any survey mark. The contractor is to undertake their own search.

SITWORKS 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

DBYD SERVICES NOTE

"Public Service Utility information shown on plan has been compiled from information received from Dial Before You Dig Inquiry, reference Number 35269078, which was obtained on 17/10/2023. Unless specifically shown otherwise, this location and depth of services shown on this plan have not been verified.

The location of services shown on this drawing have been plotted as accurately as possible from diagrams provided by service authorities and should be confirmed by site inspection."

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 Superintendent
- 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.
- 8. The approval of a substation shall be sought from the superintendent but is not an authorisation of a cost variation. The superintendent must approve any cost variation before any work starts

REFERENCE DRAWINGS

- 1. These drawings have been based from, and to be read in conjunction with the following Consultants drawings. Any conflict to the drawings must be notified immediately to the Engineer.

Consultant	Dwg Title	Dwg No	Rev	Date
COX	General Arrangement Plan	DA1-2100	1	05/12/23
		DA1-2101	1	05/12/23
		DA1-2102	1	05/12/23
		DA1-2106	1	05/12/23

STORMWATER DRAINAGE NOTES

- 1. Stormwater Design Criteria :
 - (A) Average exceedance probability - 1% AEP for roof drainage to first external pit
 - (B) Rainfall intensities - Time of concentration: 5 minutes
 - 1% AEP = 260 mm/hr
 - 5% AEP = 200 mm/hr
 - (C) Rainfall losses - Impervious areas: IL= 1.0 mm , CL= 0 mm/hr Pervious areas: IL= 28mm , CL= 1.6 mm/hr
- 2. Pipes up to 225 dia may be sewer grade uPVC with solvent welded joints, subject to approval by the engineer
- 3. Enlargers, connections and junctions to be manufactured fittings where pipes are less than 300 dia.
- 4. Pipes are to be installed in accordance with AS 3725. All bedding to be type H2 U.N.O.
- 5. Pit grates and covers shall conform with AS3996-2006, and AS1428.1 for access requirements.

EROSION AND SEDIMENT CONTROL NOTES

- 1. All work shall be generally carried out in accordance with
 - (A) Local authority requirements,
 - (B) EPA - Pollution control manual for urban stormwater,
 - (C) LANDCOM NSW - Managing Urban Stormwater: Soils and Construction ("Blue Book").
- 2. Erosion and sediment control drawings and notes are provided for the whole of the works. Should the Contractor stage these works then the design may be required to be modified. Variation to these details may require approval by the relevant authorities. The erosion and sediment control plan shall be implemented and adapted to meet the varying situations as work on site progresses.
- 3. Maintain all erosion and sediment control devices to the satisfaction of the superintendent and the local authority.
- 4. Minimise the area of site being disturbed at any one time.
- 5. All soil and water control measures are to be put back in place at the end of each working day, and modified to best suit site conditions.
- 6. Control water from upstream of the site such that it does not enter the disturbed site.
- 7. All vehicles leaving the site shall be cleaned and inspected before leaving.
- 8. Maintain all stormwater pipes and pits clear of debris and sediment. Inspect stormwater system and clean out after each storm event.
- 9. Clean out all erosion and sediment control devices after each storm event.

Sequence Of Works

- 1. Prior to commencement of excavation the following soil management devices must be installed:
 - 1.1. Construct silt fences below the site and across all potential runoff sites.
 - 1.2. Construct measures to divert upstream clean flows into existing stormwater system.
 - 1.3. Provide sandbag sediment traps upstream of existing pits.
- 2. Construct geotextile filter pit surround around all existing pits and proposed pits as they are constructed.

WATER QUALITY TESTING REQUIREMENTS

Prior to discharge of site stormwater, groundwater and seepage water into council's stormwater system, contractors must undertake water quality tests in conjunction with a suitably qualified environment consultant outlining the following:

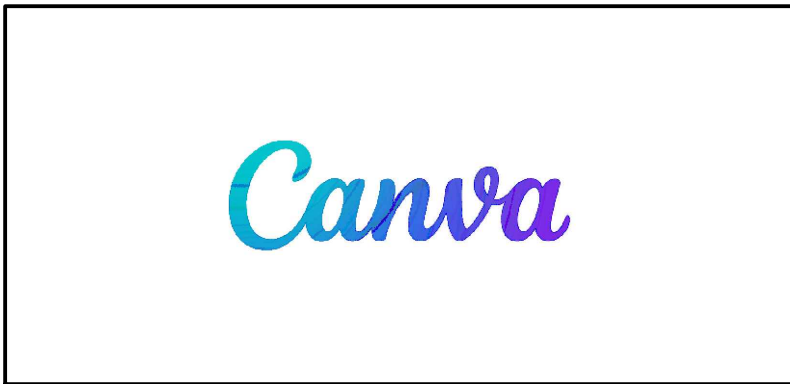
- Compliance with the criteria of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (2000)
- If required subject to the environmental consultants advice, provide remedial measures to improve the quality of water that is to be discharged into Councils storm water drainage system.This should include comments from a suitably qualified environmental consultant confirming the suitability of these remedial measures to manage the water discharged from the site into Councils storm water drainage system. Outlining the proposed, ongoing monitoring, contingency plans and validation program that will be in place to continually monitor the quality of water discharged from this site. This should outline the frequency of water quality testing that will be undertaken by a suitably qualified environmental consultant.

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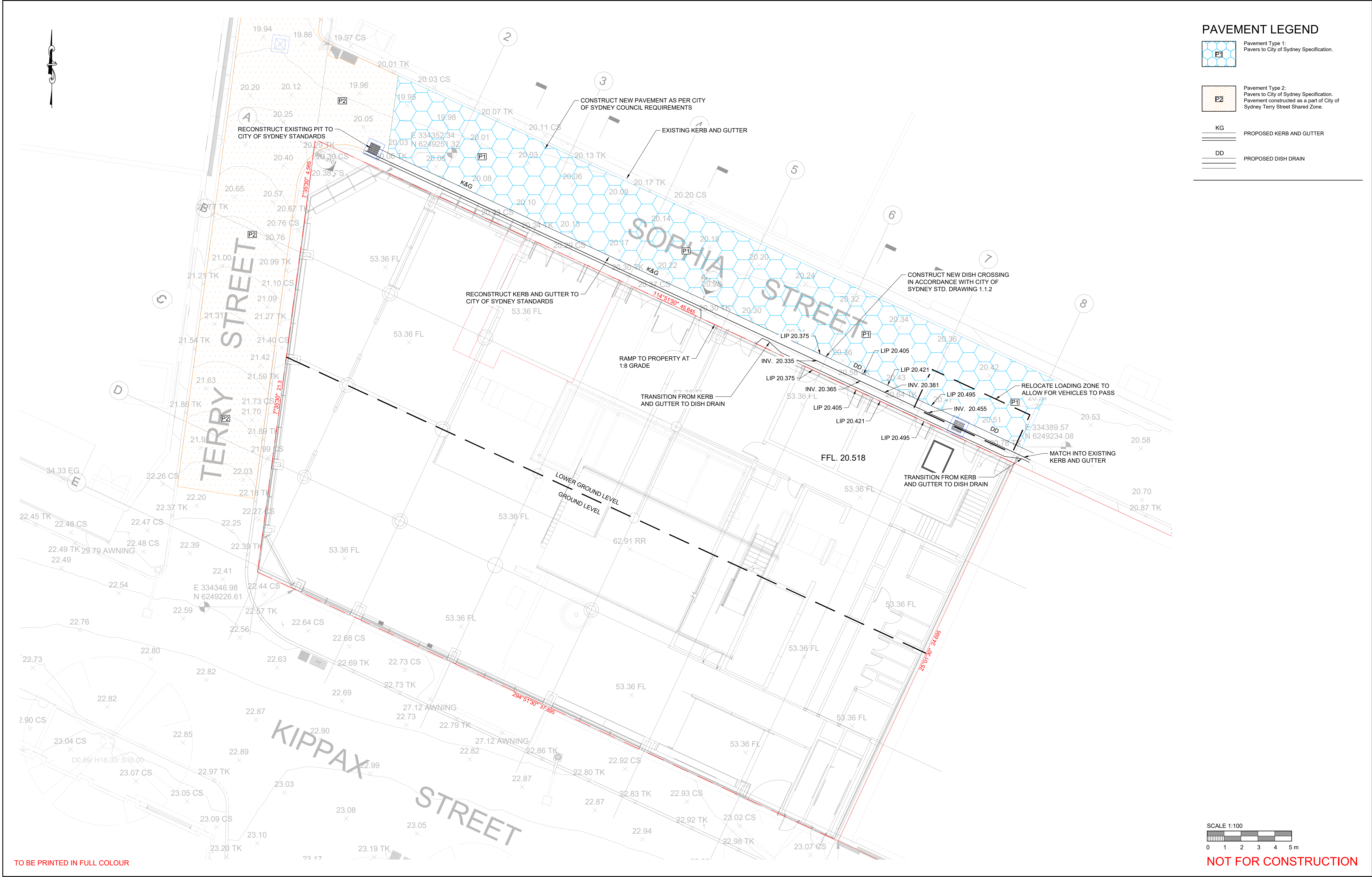


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8-24 KIPPAX STREET, SURRY HILLS 2010	

drawing title	NOTES SHEET
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03	07/12/23	ISSUE FOR DEVELOPMENT APPLICATION	MZV	PAL	
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drawing title	SITE WORKS PLAN
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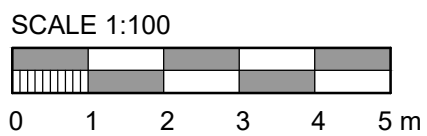
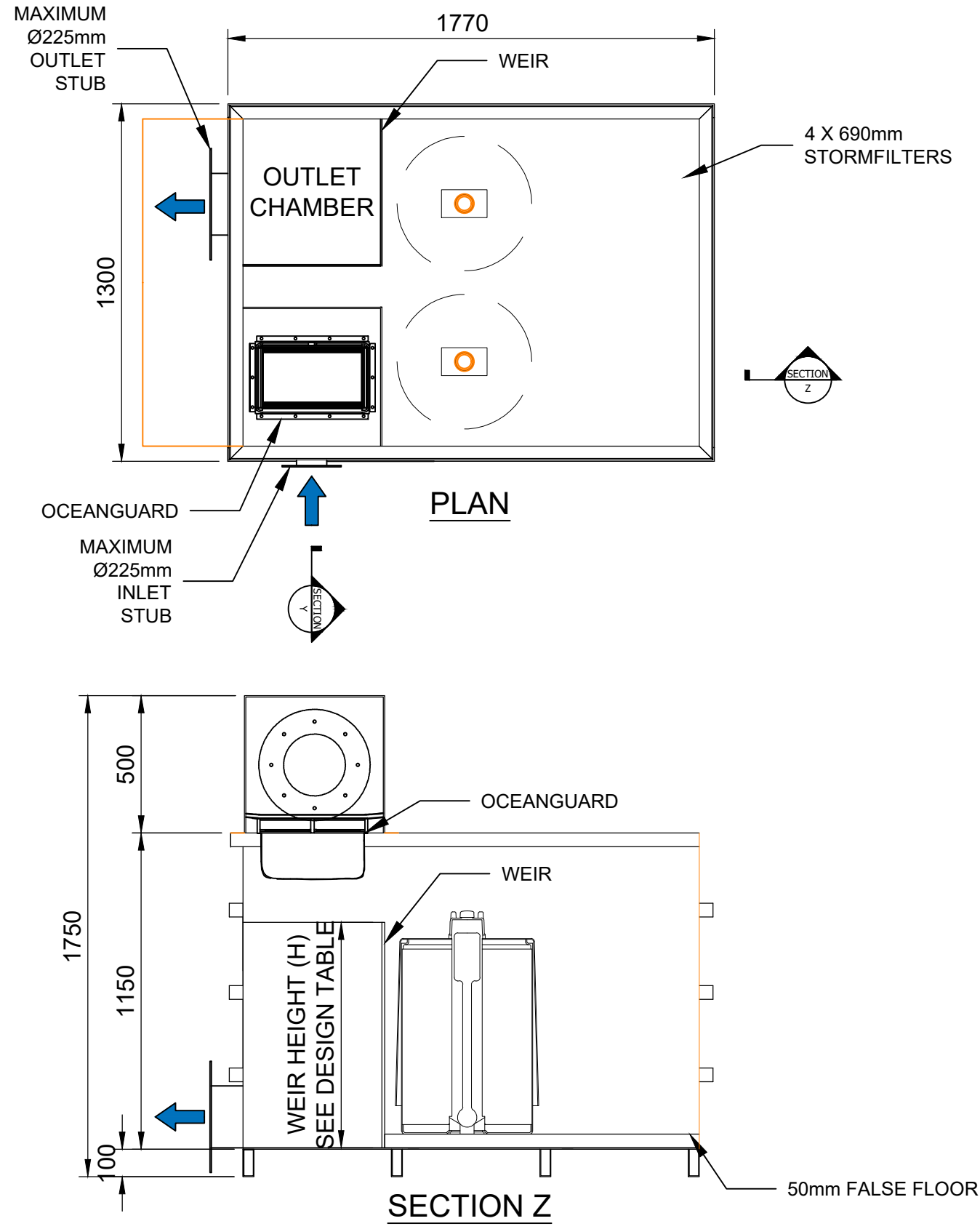
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drawing title	STORMWATER CATCHMENT PLAN		
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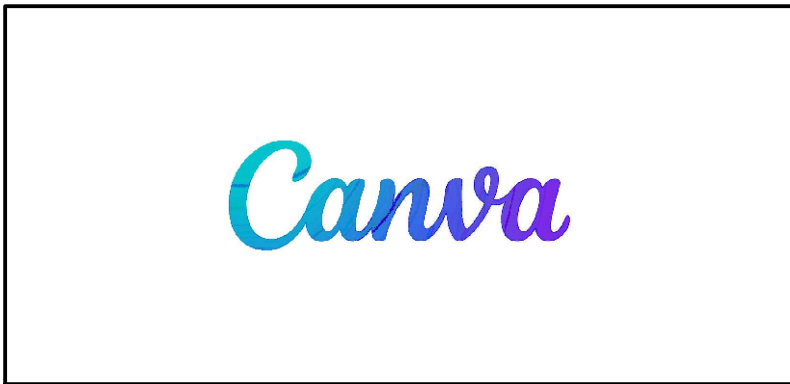


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