## **GENERAL NOTES**

- . Contractor must verify all dimensions and existing levels on site prior to commencement of works. Any discrepancies to be reported to the
- 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
- 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.

## REFERENCE DRAWINGS

. 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	Re	v Date
PROJECT SURVEY STUDIO HOLLENSTEIN	ORS SURVEY PLAN – LEVEL 1	20453-1 DA103	F A	21.07.15 09.11.2
HOLLENSTEIN	PLAN - LOWER GROUND	DA102	Α	30.09.21

### SURVEY AND SERVICES INFORMATION SURVEY

Origin of levels : SSM 58960 RL26.92 Datum of levels : A.H.D. AUSTRALIAN HEIGHT DATUM Coordinate system : MGA Survey prepared by : PROJECT SURVEYOR

Taylor Thomson Whitting 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**

Setout Points : CONTACT THE SURVEYOR

- The locations of underground services shown on Taylor Thomson Whittings 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. Taylor Thomson Whitting 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.
- Taylor Thomson Whitting plans do not indicate the presence of any survey mark. The contractor is to undertake their own search.

## **KERBING NOTES**

Includes all kerbs, gutters, dish drains, crossings and edges.

- . All kerbs, gutters, dish drains and crossings to be constructed on minimum 75mm granular basecourse compacted to minimum 98% modified maximum dry density in accordance with AS 1289 5.2.1. 2. Expansion joints (EJ) to be formed from 10mm compressible cork filler board for the full depth of the section and cut to profile. Expansion joints to be located at drainage pits, on tangent points
- of curves and elsewhere at 12m centres except for integral kerbs where the expansion joints are to match the joint locations in slabs. . Weakened plane joints to be min 3mm wide and located at 3m centres except for integral kerbs where weakened plane joints are to
- match the joint locations in slabs. - Broomed finished to all ramped and vehicular crossings, all other kerbing or dish drains to be steel float finished.
- 5. In the replacement of kerbs Existing road pavement is to be sawcut 900mm from lip of gutter. Upon completion of new kerbs, new basecourse and
- surface is to be laid 900mm wide to match existing materials and thicknesses. Existing allotment drainage pipes are to be built into the new kerb with a 100mm dia hole. Existing kerbs are to be completely removed where new kerbs

## **BOUNDARY AND EASEMENT NOTE**

The property boundary and easement locations shown on Taylor Thomson Whitting drawing's have been based from information received from : PROJECT SURVEYOR

Taylor Thomson Whitting makes no guarantees that the boundary or easement information shown is correct. Taylor Thomson Whitting will accept no liabilities for boundary inaccuracies. The contractor/builder is advised to check/confirm all boundaries in relation to all proposed work prior to the commencement of construction. Boundary inaccuracies found are to be reported to the

## PIT SCHEDULE

superintendent prior to construction starting.

Note: Grate size does not necessarily reflect pit size, refer pit type details, shown on detail sheets - C10

	Final internal pit dimensions are to comply with AS3500												
	Туре	Description	Cover (Clear Opening)	Number									
	A	Kerb inlet pit	900 x 600 Class D galvanised mild steel grate hinged to frame	1,2,3,5									
on y	В	Surface inlet pit	900 x 900 Class D galvanised mild steel grate hinged to frame	7–11									
	С	Junction pit	900 x 900 Concrete cover	5A,6,6A									
	D	Existing grated pit		4									

1200 x 1800

12,13

Drawing No.

C01

C02

C03

C04

C05

C06

C07

C08

C09

C10

C11

C12

## SITEWORKS NOTES

- . All basecourse material to comply with RMS specification No 3051 and compacted to minimum 98% modified standard 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

## CONCRETE FINISHING NOTES

. All exposed concrete payements are to be broomed finished. 2. All edges of the concrete pavement including keyed and dowelled joints are to be finished with an edging tool.

3. Concrete payements with grades greater than 10 % shall be

heavily broomed finished. 4. Carborundum to be added to all stair treads and ramped crossings U.N.O.

## **CIVIL SAFETY IN DESIGN**

Taylor Thomson Whitting (NSW) Pty Ltd operates under Safe Work These drawings shall be read in conjunction with the Taylor Thomson Whitting Transfer of Information Letter and 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

## **PUBLIC DOMAIN NOTE**

eventual demolition of the civil infrastructure.

These plans are awaiting final approval from the authority regarding these public works. Public domain works are not to commence until these drawings are stamped as approved.

## DBYD SERVICES NOTE

"Public Service Utility information shown on plan has been complied from information received from Dial Before You Dig inquiry, reference Number \_\_\_\_\_ which was obtained on \_\_\_\_\_.
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."

DRAWING SCHEDULE

**EROSION AND SEDIMENT CONTROL PLAN** 

**GROUND LEVEL TURNING PATHS 12.5m TRUCK** 

**Drawing Title** 

**OVERALL PLAN** 

**PAVEMENT PLAN** 

**LEVEL 1 PLAN** 

**CATCHMENT PLAN** 

**DETAILS SHEET 1** 

**DETAILS SHEET 2** 

**OSD TANK DETAILS** 

**GROUND LEVEL PLAN** 

**NOTES & LEGENDS SHEET** 

**OVERALL STORMWATER PLAN** 

## 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 = 246 mm/hr5% AEP = 188 mm/hr(C) Rainfall losses -

Impervious areas: IL = 1.5 mm, CL = 0 mm/hrPervious areas: IL = 23.1 mm, CL = 0.72 mm/hr

- 2. Pipes 300 dia and larger to be reinforced concrete Class "2" approved spigot and socket with rubber ring joints U.N.O. 3. Pipes up to 300 dia may be sewer grade uPVC with solvent welded joints, subject to approval by the engineer
- 4. Equivalent strength VCP or FRP pipes may be used subject to approval. 5. Precast pits may be used external to the building subject
- to approval by Engineer 6. Enlargers, connections and junctions to be manufactured fittings where pipes are less than 300 dia.
- 7. Where subsoil drains pass under floor slabs and vehicular pavements, unslotted uPVC sewer grade pipe is to be used. 8. Grates and covers shall conform with AS 3996—2006, and AS 1428.1 for access requirements.
- 9. Pipes are to be installed in accordance with AS 3725. All bedding to be type H2 U.N.O. 10. Care is to be taken with invert levels of stormwater lines.
- Grades shown are not to be reduced without approval. 11. All stormwater pipes to be 150 dia at 1.0% min fall U.N.O. 12. Subsoil drains to be slotted flexible uPVC U.N.O. 13. Adopt invert levels for pipe installation (grades shown are only nominal).

## SAFETY IN DESIGN

Contractor to refer to Appendix B of the Civil Specification for the Civil Risk and Solutions Register.

### **EXISTING SERVICES**

Contractor to be aware existing services are located within the site. Location of all services to be verified by the Contractor prior to commencing works. Contractor to confirm with relevant authority regarding measures to be taken to ensure services are protected or procedures are in place to demolish and/or relocate.

## **EXISTING STRUCTURES**

Contractor to be aware existing structures may exist within the site. To prevent damage to existing structure(s) and/or personnel, site works to be carried out as far as practicably possible from existing structure(s).

## **EXISTING TREES**

Contractor to be aware existing trees exist within the site which need to be protected. To prevent damage to trees and/or personnel, site works to be carried out as far as practicably possible from existing trees. Advice needs to be sought from Arborist and/or Landscape Architect on measures required to protect trees.

Contractor to be aware ground water levels are close to existing surface level. Temporary de—watering may be required during construction works.

Contractor to ensure safe working procedures are in place for works. All

excavations to be fenced off and batters adequately supported to

### **EXCAVATIONS** Deep excavations due to stormwater drainage works is required.

approval of Geotechnical Engineer. **GROUND CONDITIONS** Contractor to be aware of the site geotechnical conditions.

### Refer to geotechnical report by (DOUGLAS PARTNERS REPORT NO. 73096.03.R.001.REVO) for details. **HAZARDOUS MATERIALS**

Existing asbestos products & contaminated material may be present or site. Contractor to ensure all hazardous materials are identified prior to commencing works. Safe working practices as per relevant authority to be adopted and appropriate PPE to be used when handling all hazardous materials. Refer to geotechnical/environmental report by (DOUGLAS PARTNERS REPORT NO. 73096.03.R.001.REV0) for details.

## CONFINED SPACES

Contractor to be aware of potential hazards due to working in confined spaces such as stormwater pits, trenches and/or tanks. Contractor to provide safe working methods and use appropriate PPE when entering confined spaces.

## MANUAL HANDLING

Contractor to be aware manual handling may be required during construction. Contractor to take appropriate measures to ensure manual handling procedures and assessments are in place prior to commencing

### WATER POLLUTION Contractor to ensure appropriate measures are taken to

prevent pollutants from construction works contaminating the surrounding environment. SITE ACCESS/EGRESS

## Contractor to be aware site works occur in close proximity to

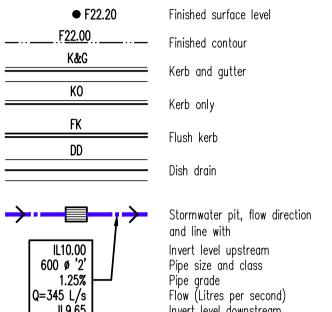
footpaths and roadways. Contractor to erect appropriate barriers and signage to protect site personnel and public. VEHICLE MOVEMENT

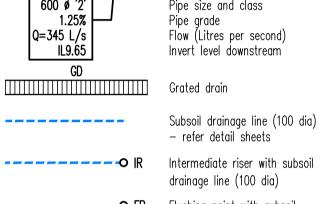
provide adequate site traffic control including a certified traffic

marshall to supervise vehicle movements where necessary.

Contractor to supply and comply with traffic management plan and

## SITEWORKS LEGEND





Flushing point with subsoil drainage line (100 dia) Down pipe

Blockwork retaining wall

Overland flow

# FOR APPROVAL

**Thomson** Studio Hollenstein LAKEMBA P2 ISSUE FOR DA APPROVAL SB LW 17.11.21 MATTHEW PULLINGER ARCHITECT AL PM 23.09.20 P1 ISSUE FOR DA APPROVAL 612 9439 7288 | 48 Chandos Street St Leonards NSW 2065 Eng Draft Date Rev Description Eng Draft Date Rev Description Eng Draft Date Rev Description

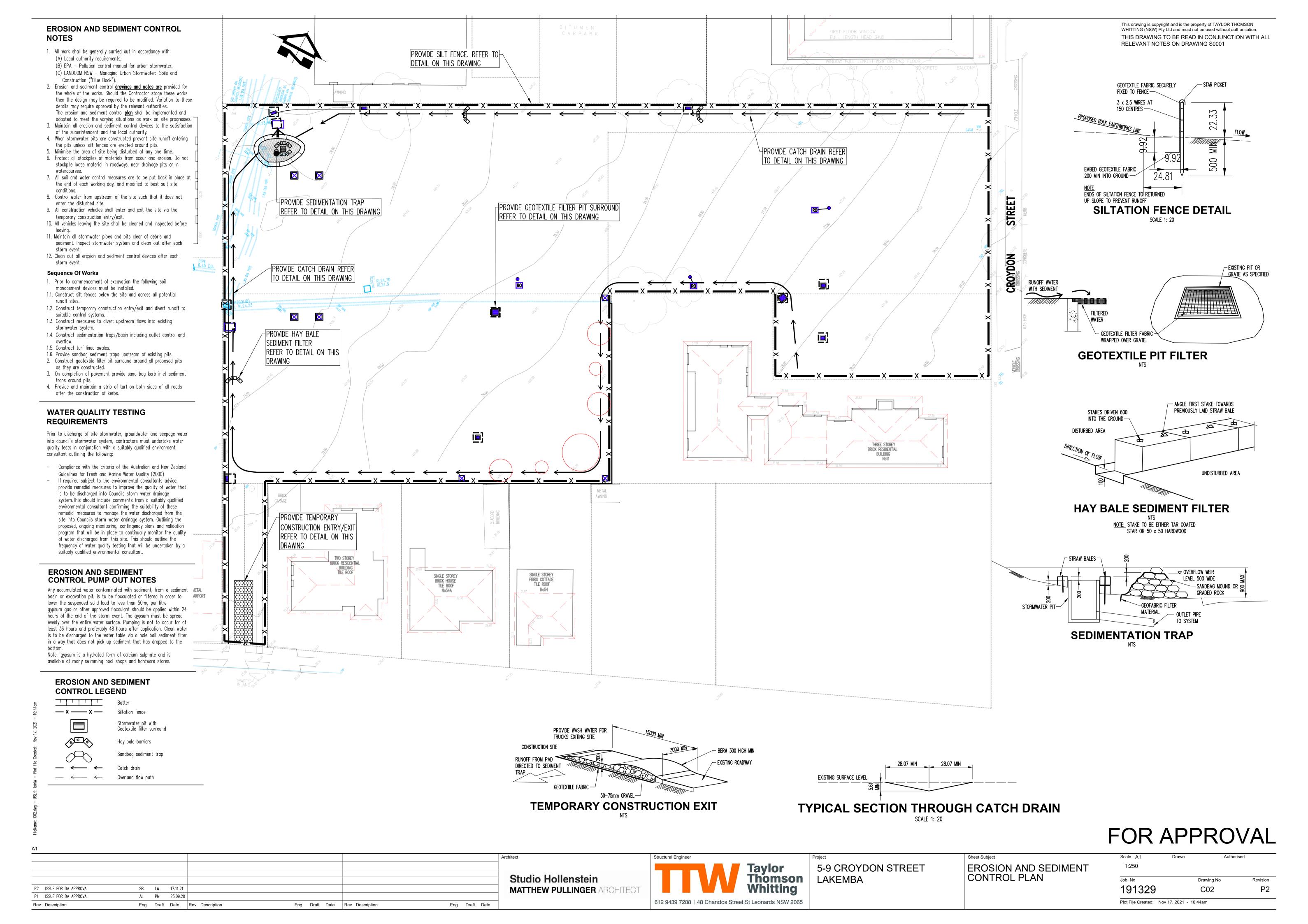
Scale : A1 NTS **NOTES & LEGENDS SHEET** 

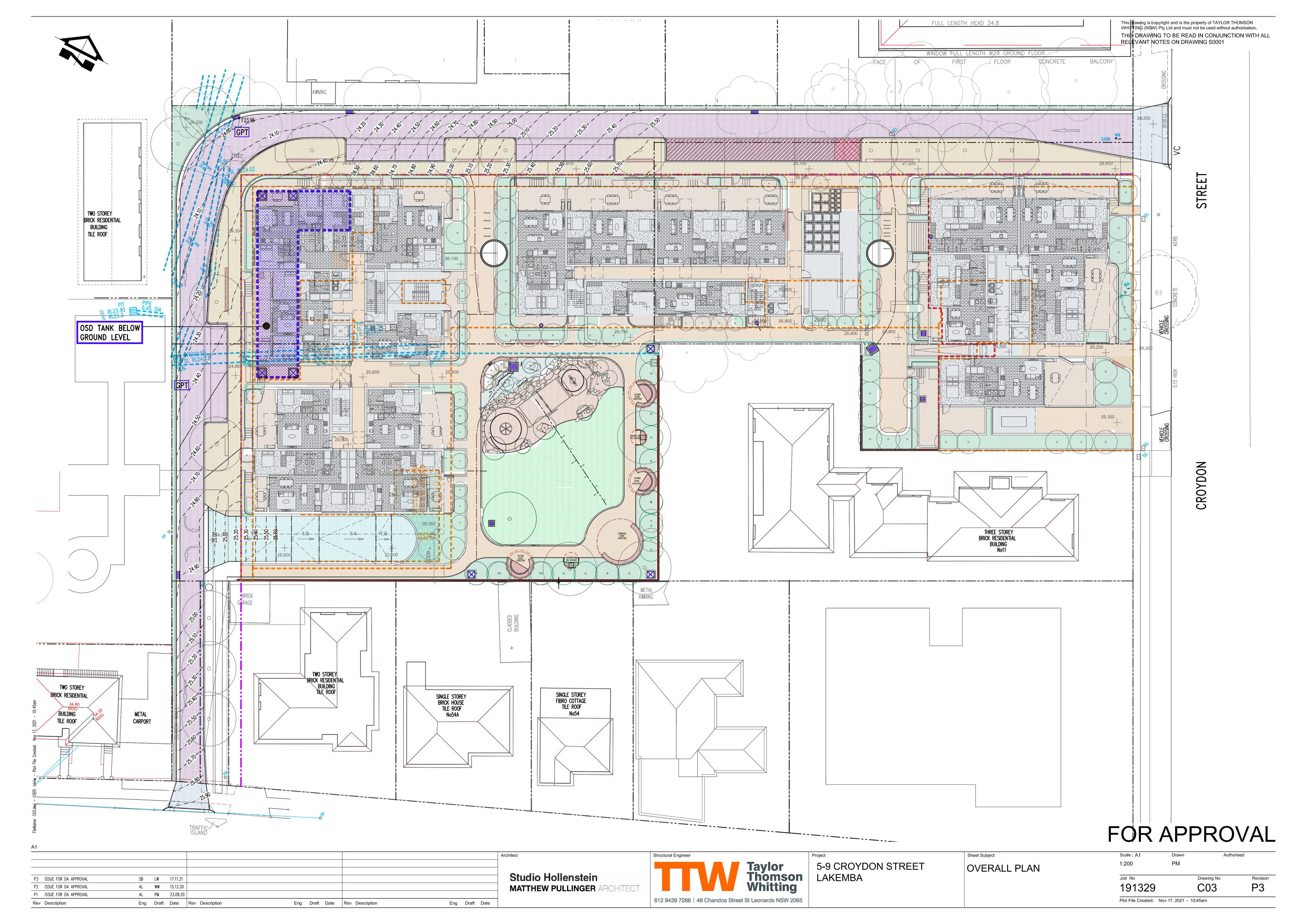
**Taylor** 

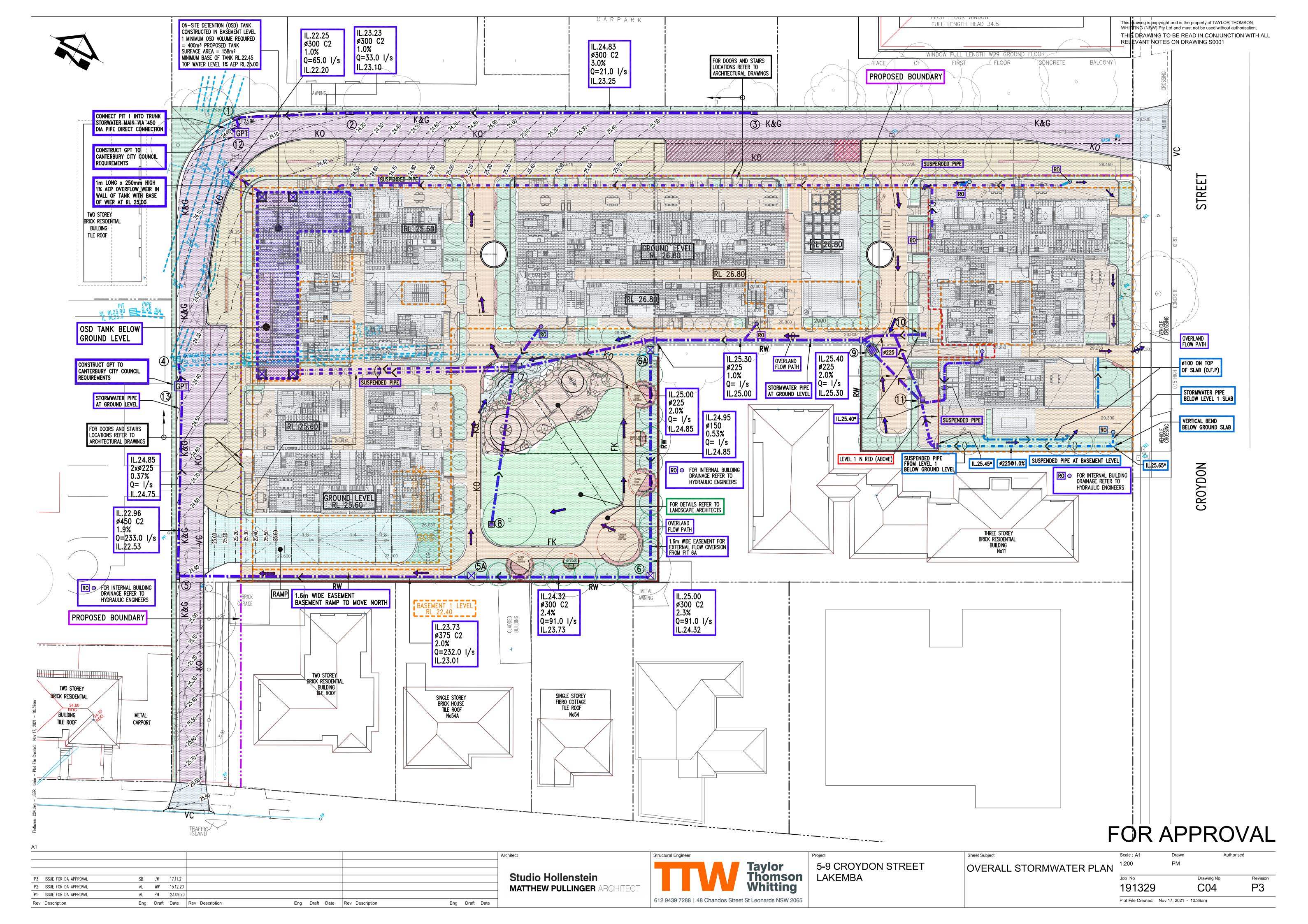
5-9 CROYDON STREET

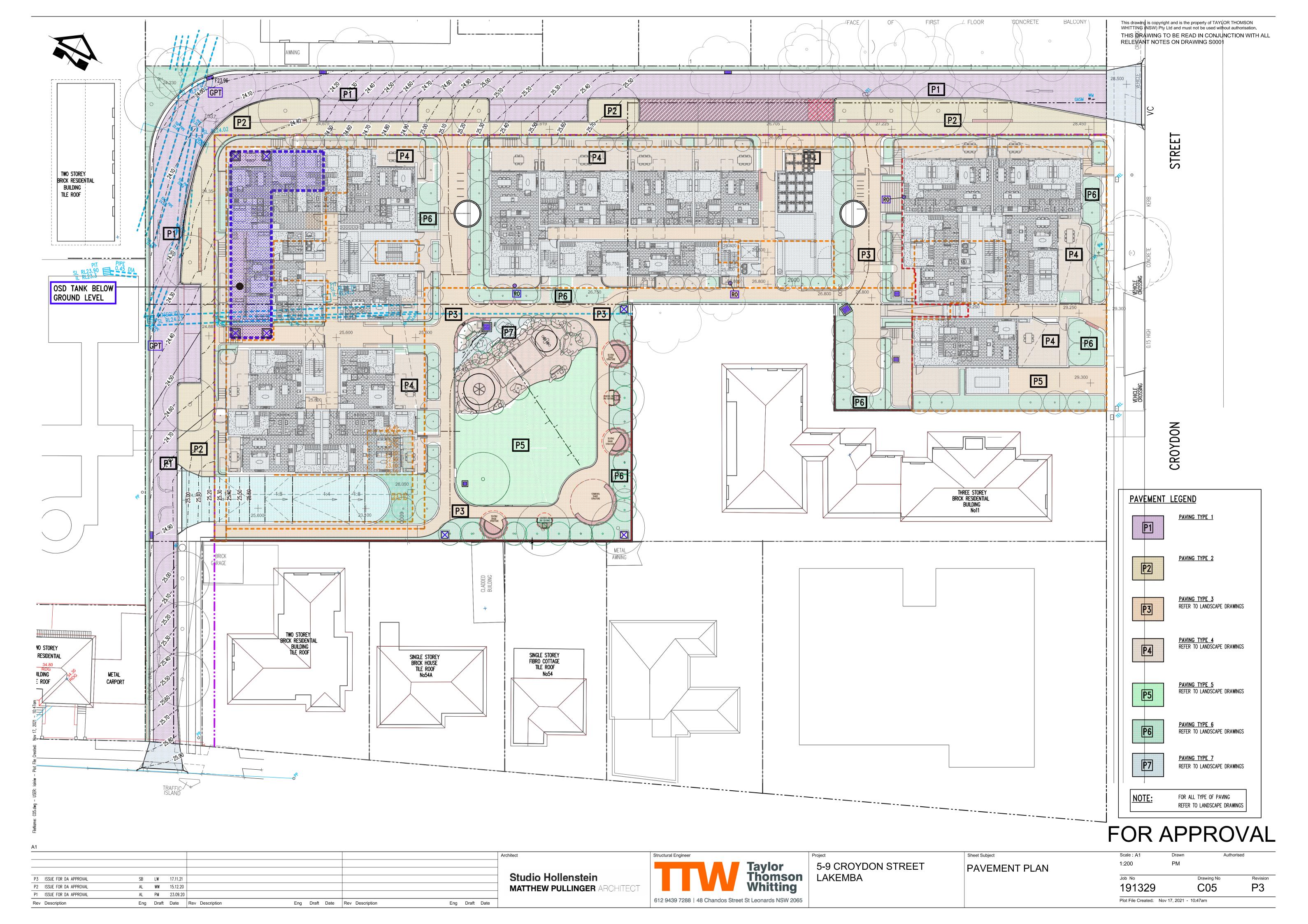
ΑW 191329

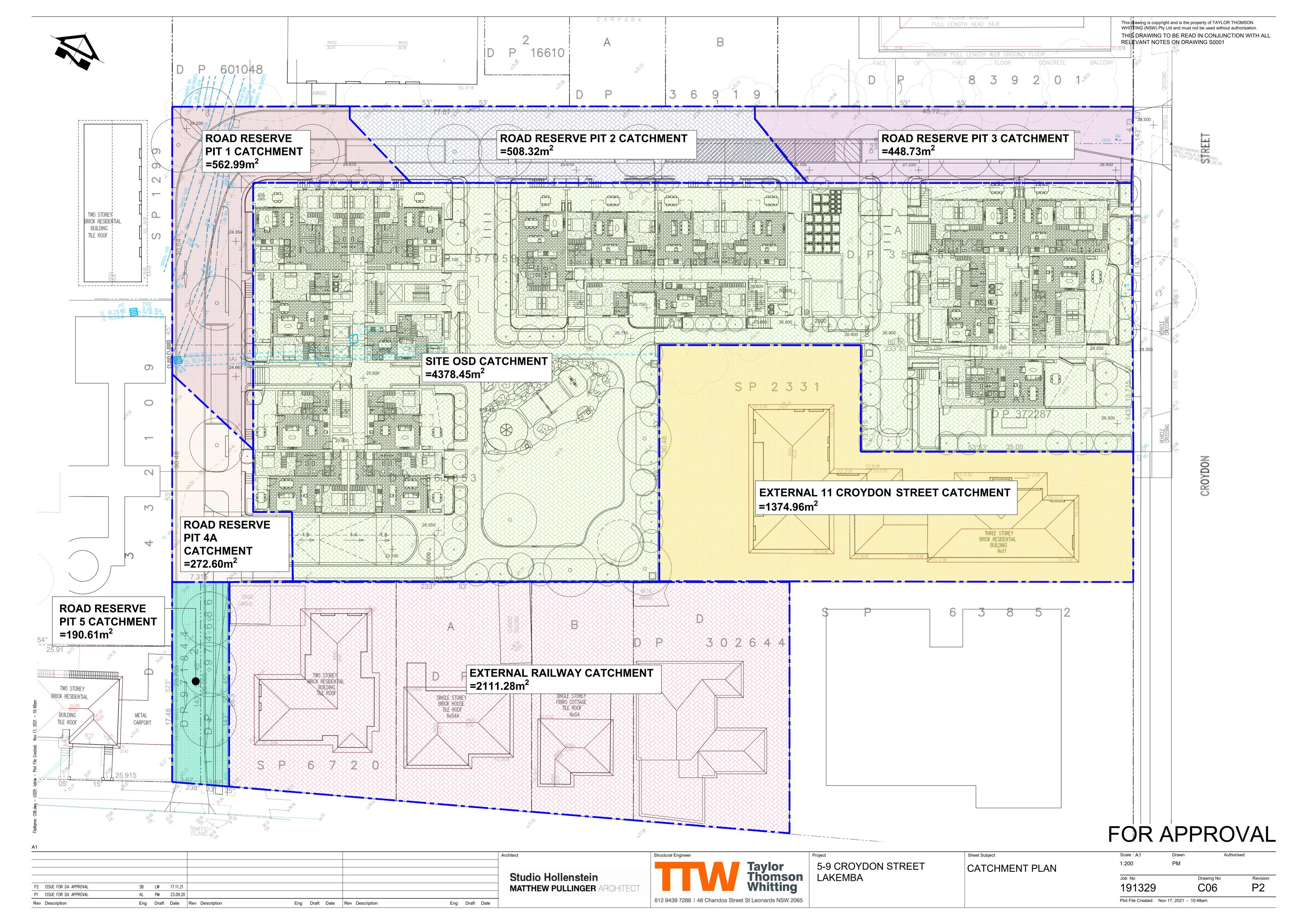
Plot File Created: Nov 17, 2021 - 10:43am

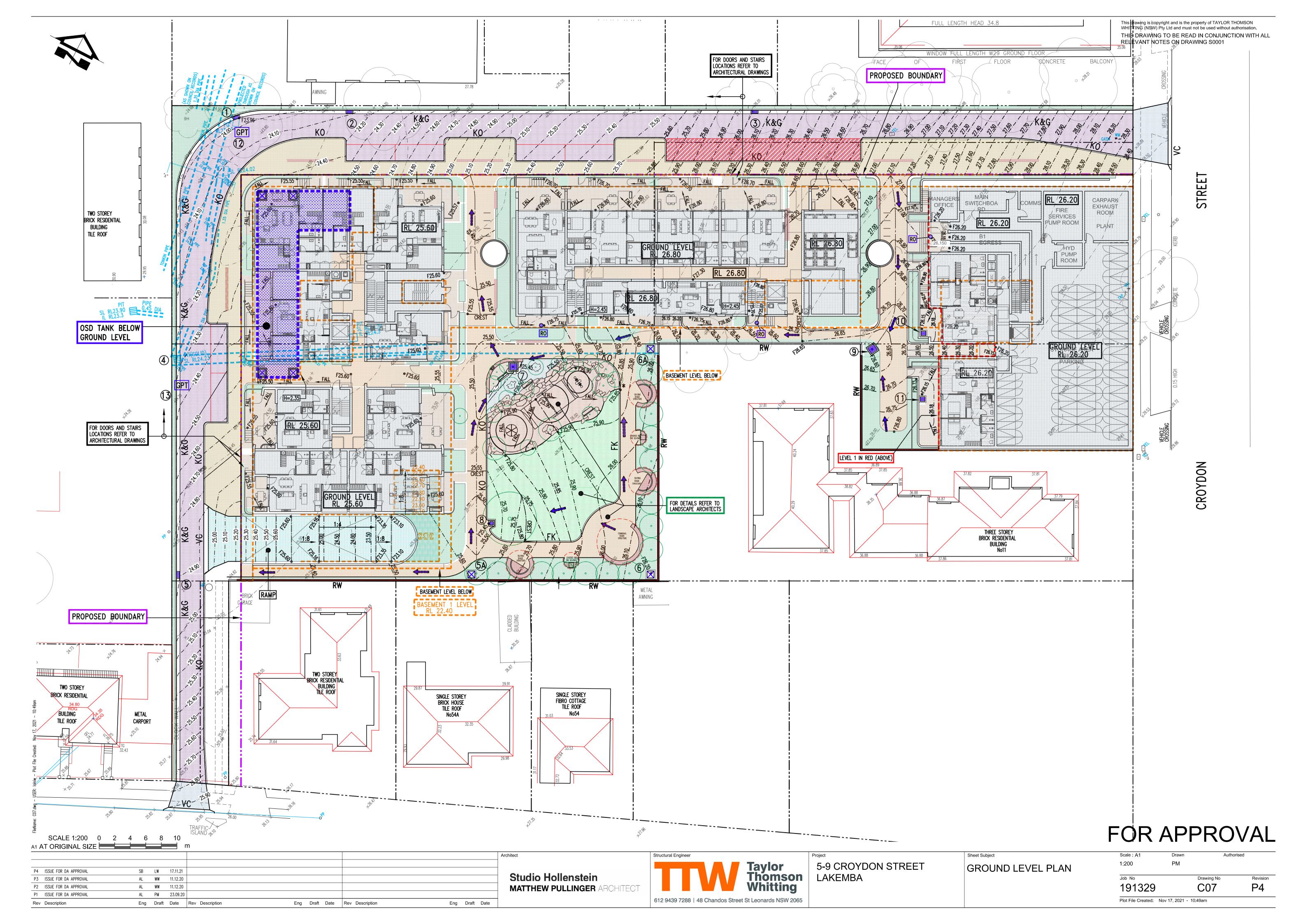


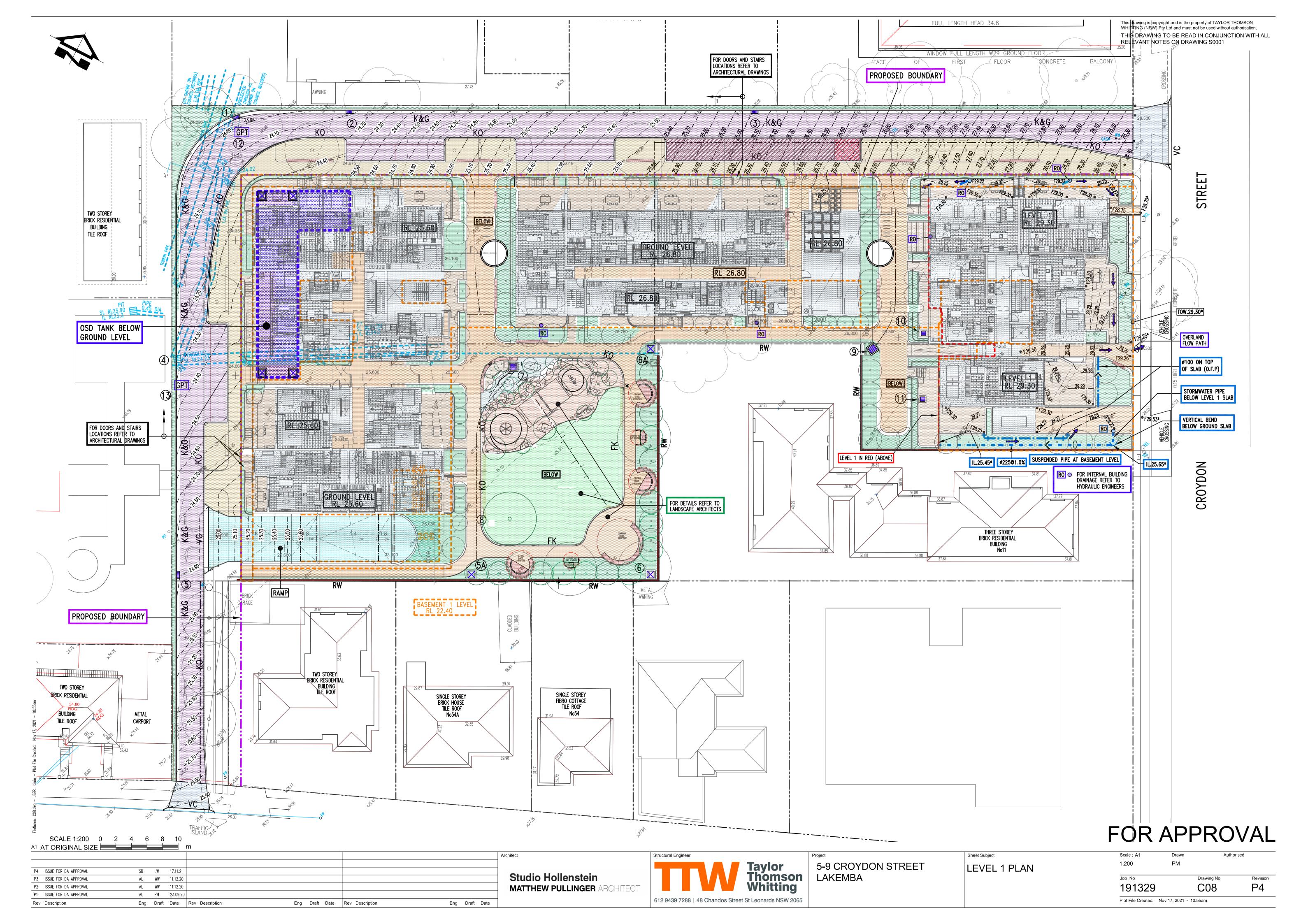


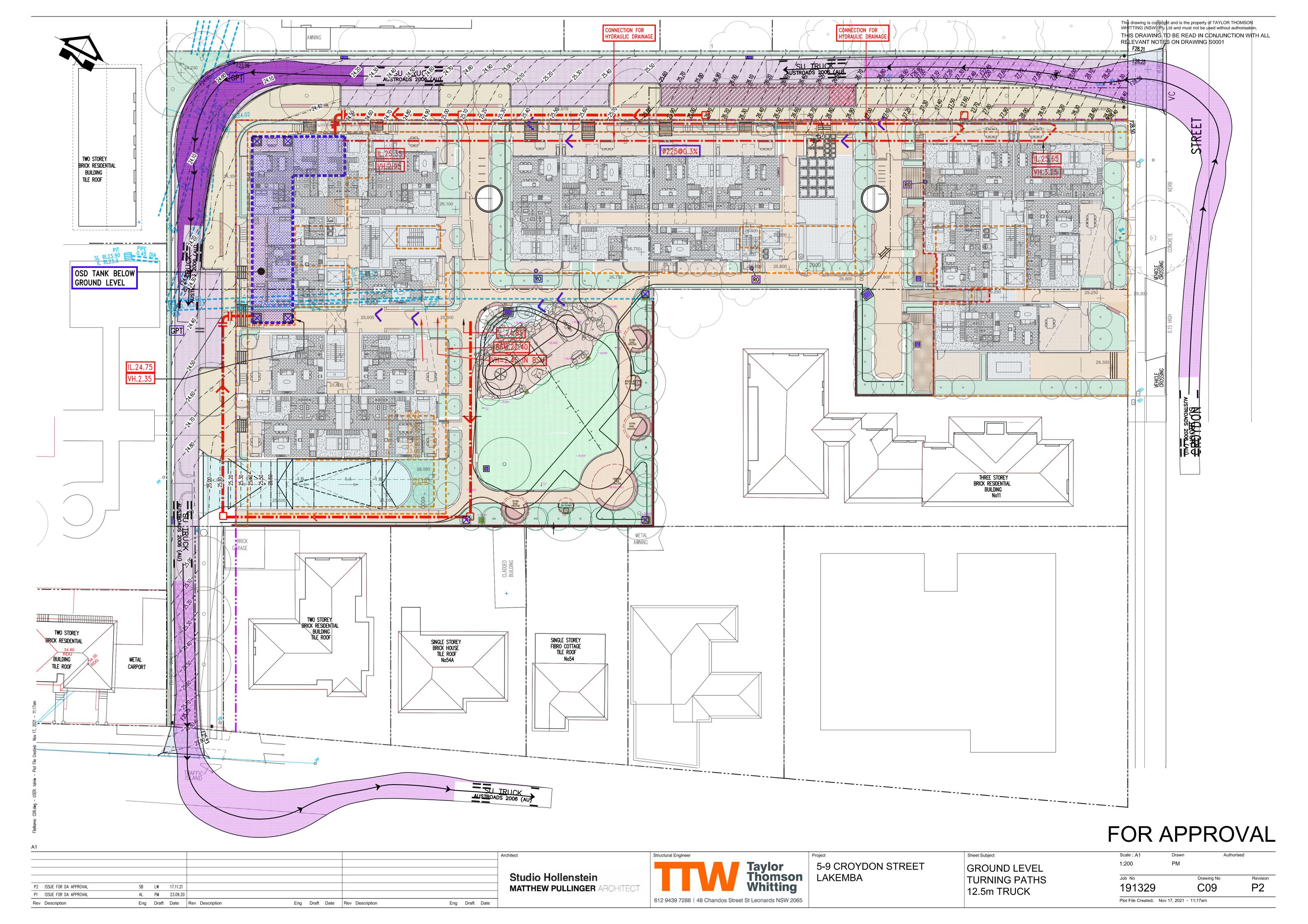


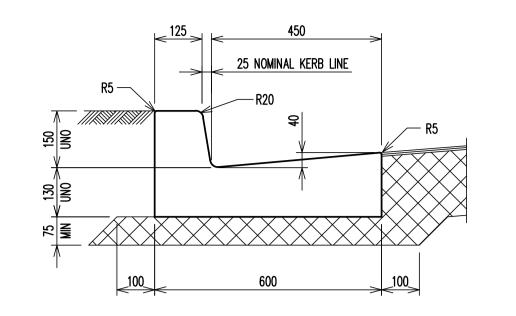




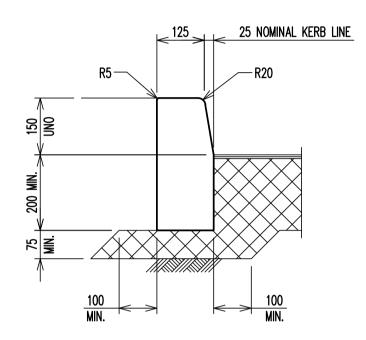




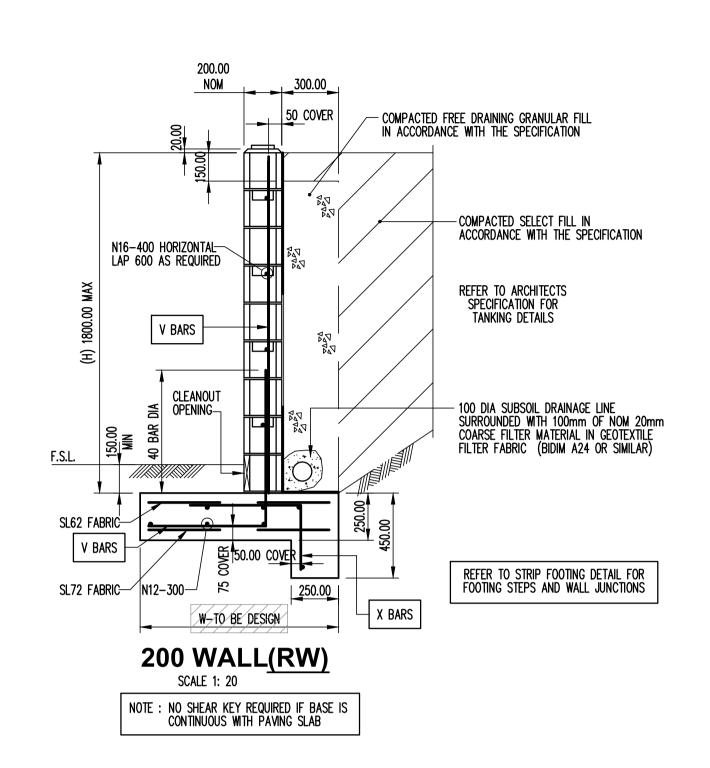


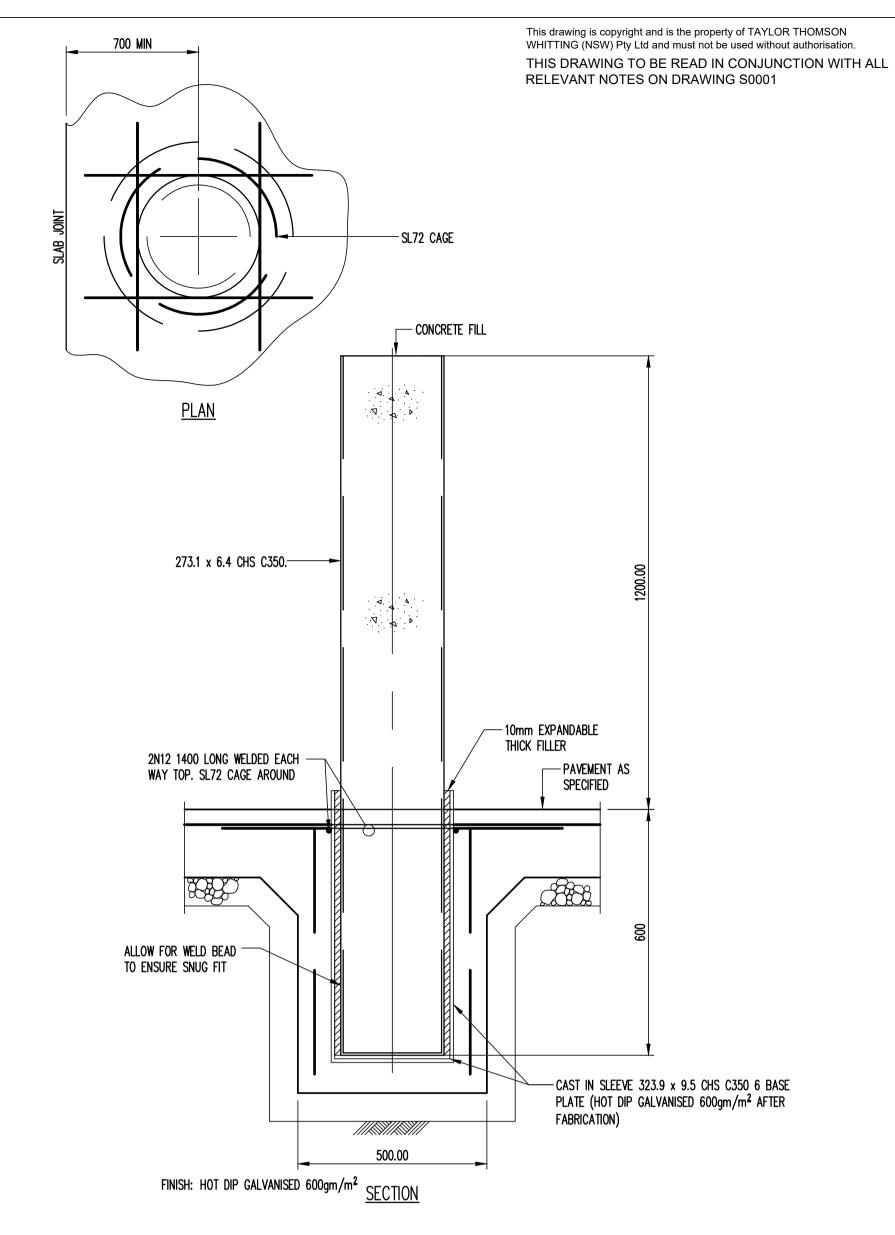


KERB AND GUTTER (K&G)
SCALE 1:10



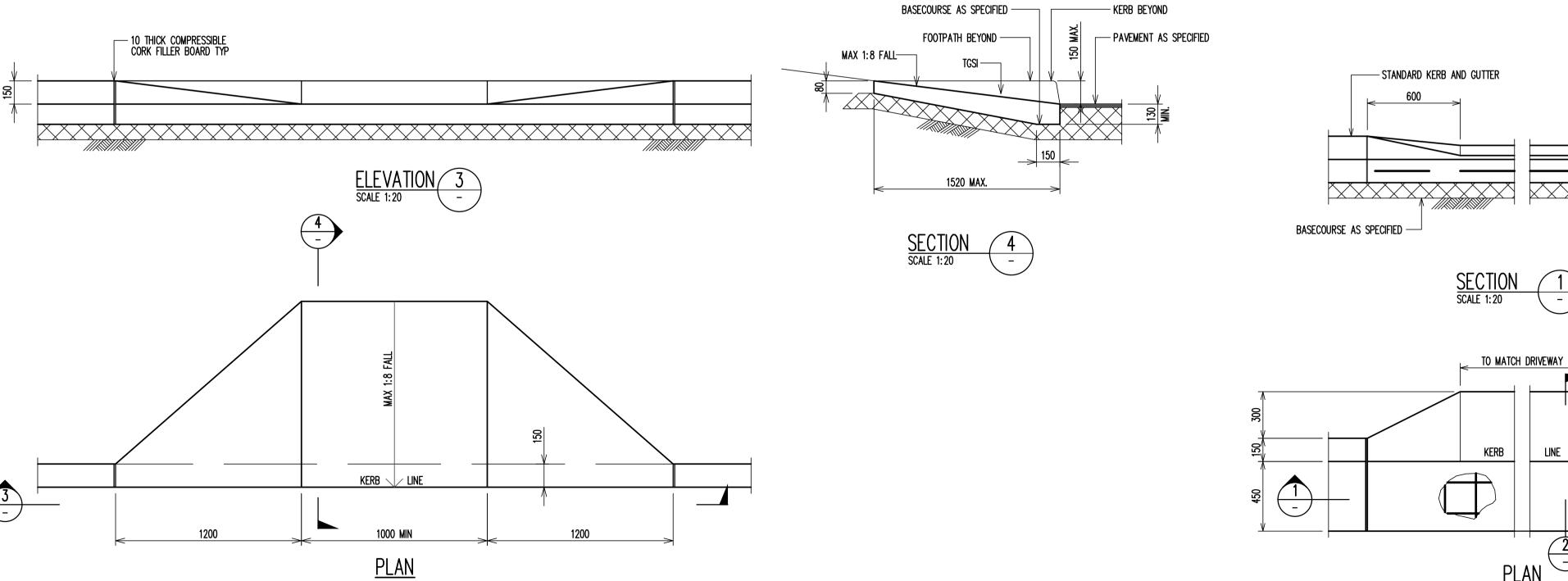
KERB ONLY (KO)
SCALE 1:10

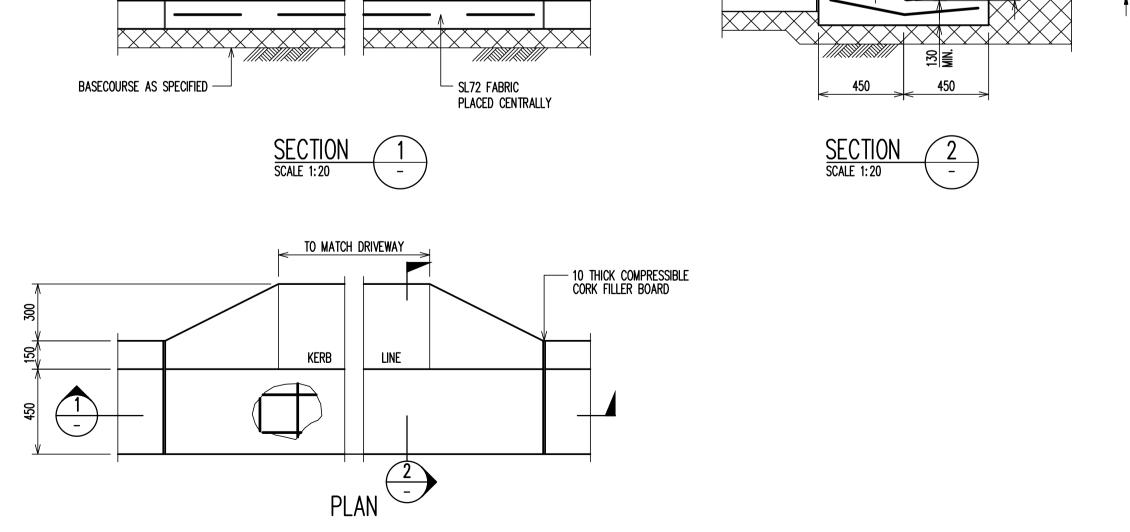




## BOLLARD TO CONCRETE PAVEMENT SCALE 1: 10

10 THICK COMPRESSIBLE -CORK FILLER BOARD





## VEHICULAR CROSSING

## FOR APPROVAL

P2 ISSUE FOR DA APPROVAL	SB	LW	17.11.21						
P1 ISSUE FOR DA APPROVAL	AL	PM	23.09.20						
Rev Description	Eng	Draft	Date	Rev Description	Eng Draft Date	Rev Description	Eng	Draft	Date

SCALE 1:20

RAMPED CROSSING

Studio Hollenstein
MATTHEW PULLINGER ARCHITECT



5-9 CROYDON STREET LAKEMBA

DETAILS SHEET - SHEET 1

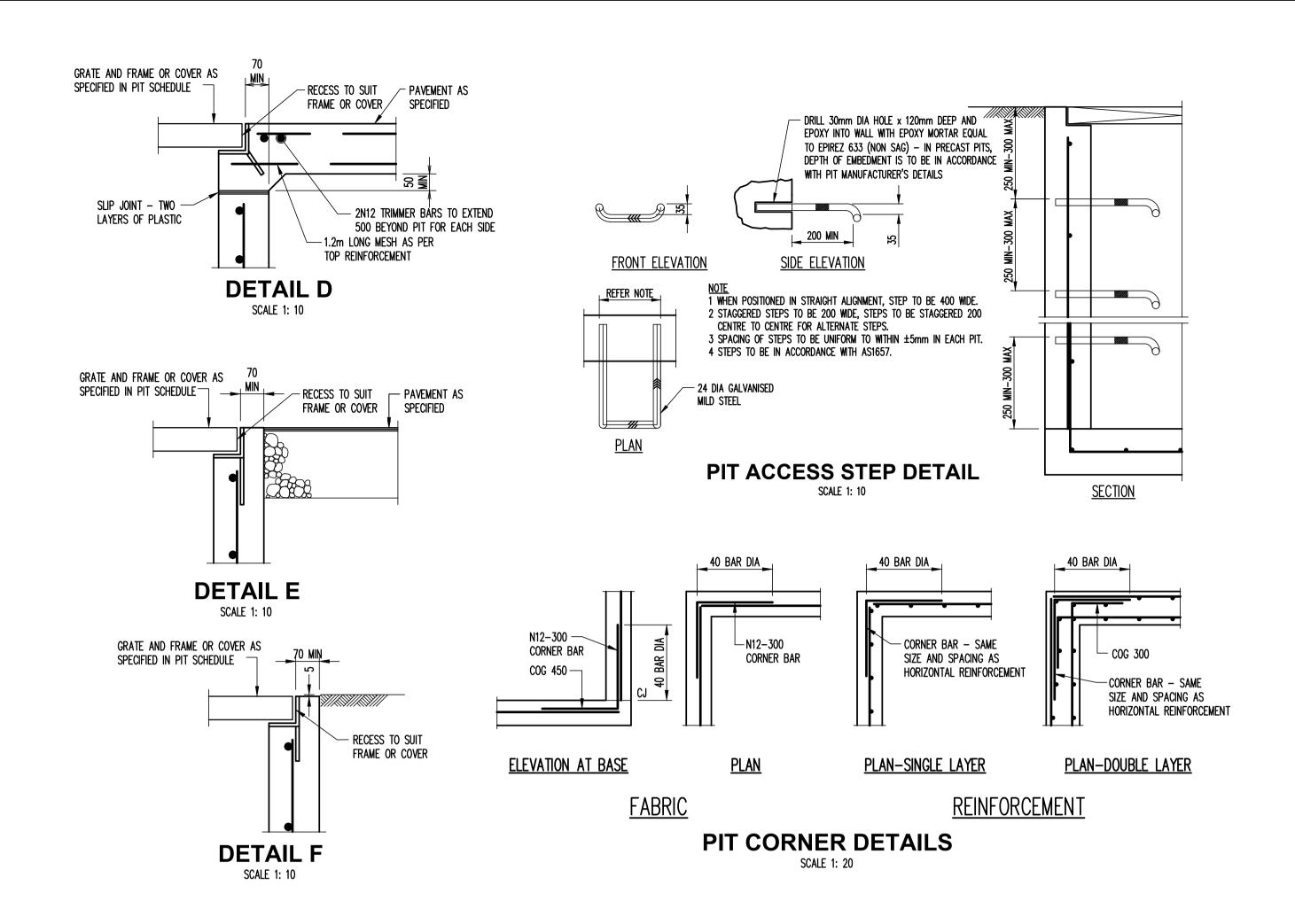
Scale : A1 Drawn Authorised

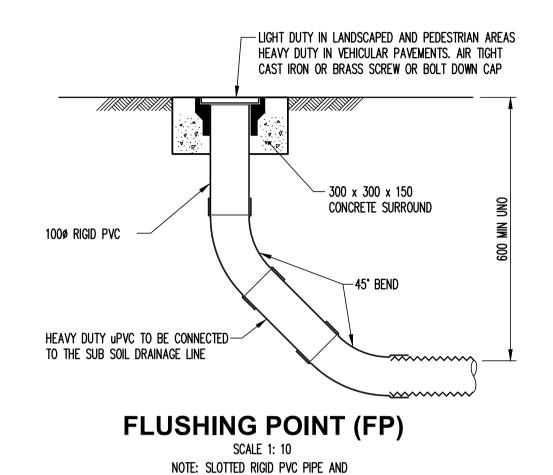
AS SHOWN AW

 Job No
 Drawing No
 Revision

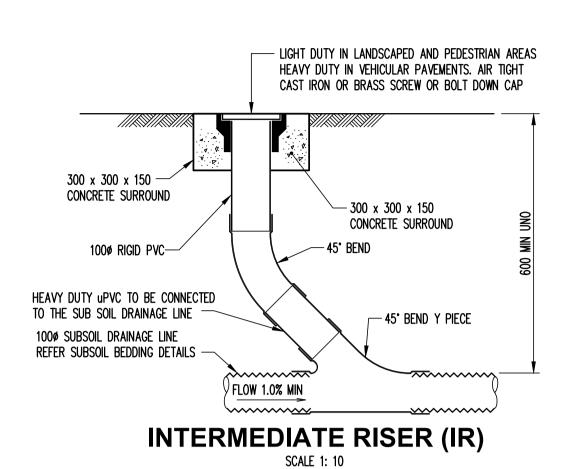
 191329
 C10
 P2

 Plot File Created:
 Nov 17, 2021 - 11:00am



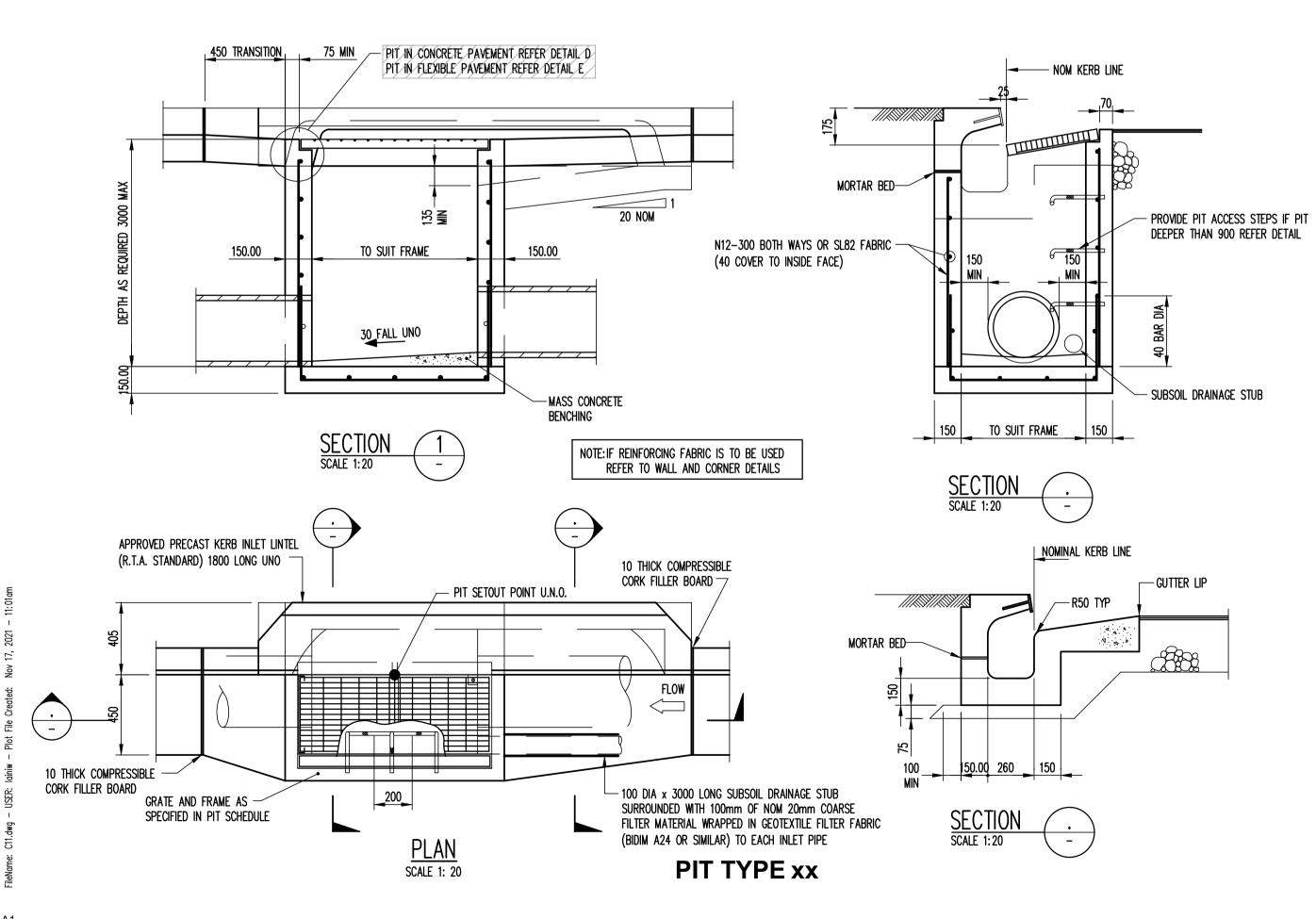


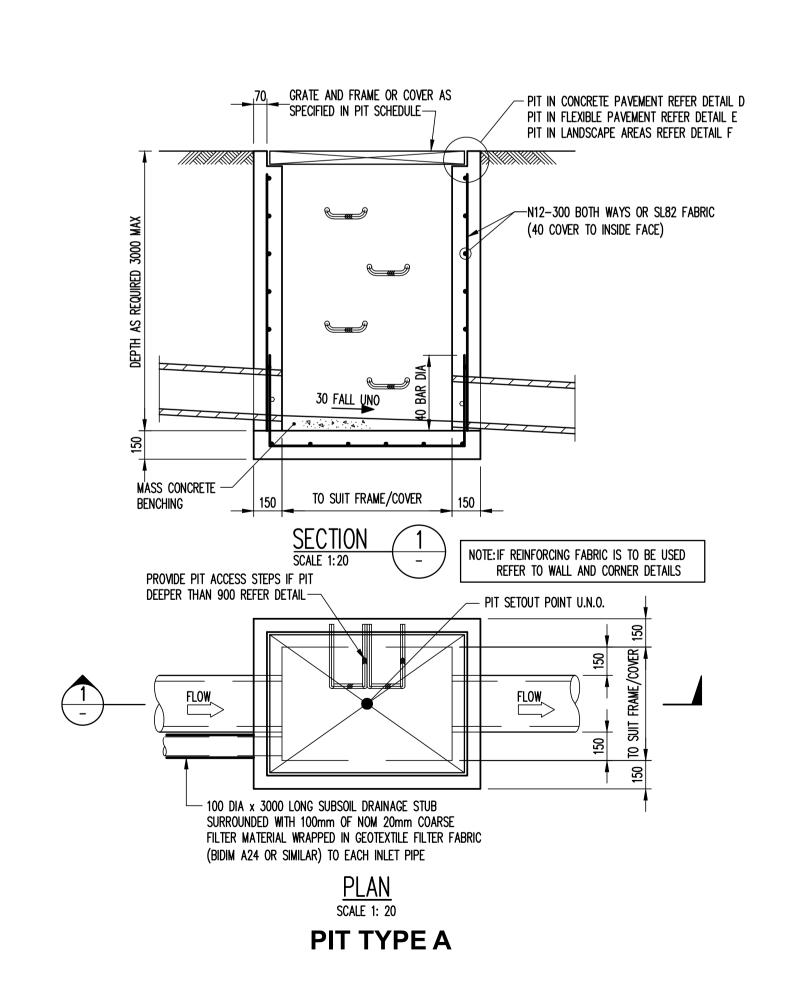
FITTINGS MAY BE USED

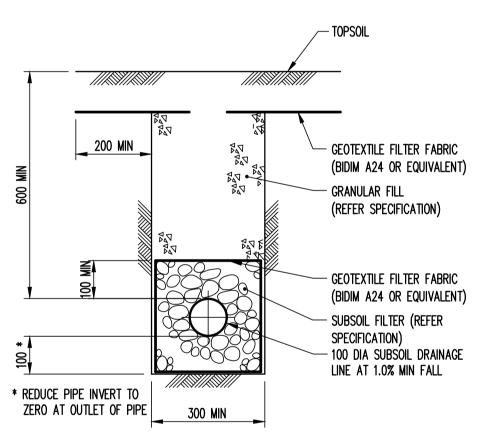


NOTE: SLOTTED RIGID PVC PIPE AND

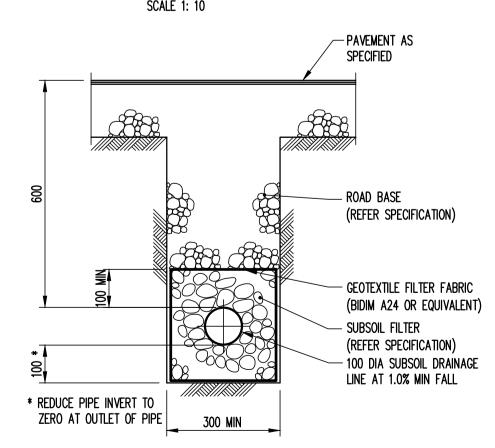
FITTINGS MAY BE USED







## SUBSOIL IN LANDSCAPED AREAS



SUBSOIL IN PAVED AREAS
SCALE 1: 10

## FOR APPROVAL

									Architect
									Architect
									0
									Studio Hollenstein
P2 ISSUE FOR DA APPROVAL	SB	LW	17.11.21						MATTHEW PULLINGER ARCHITEC
P1 ISSUE FOR DA APPROVAL	AL	PM	23.09.20						
Rev Description	Eng	Draft	Date	Rev Description	Eng	Draft Date	Rev Description	 Eng Draft Date	

Taylor Thomson Whitting
612 9439 7288 | 48 Chandos Street St Leonards NSW 2065

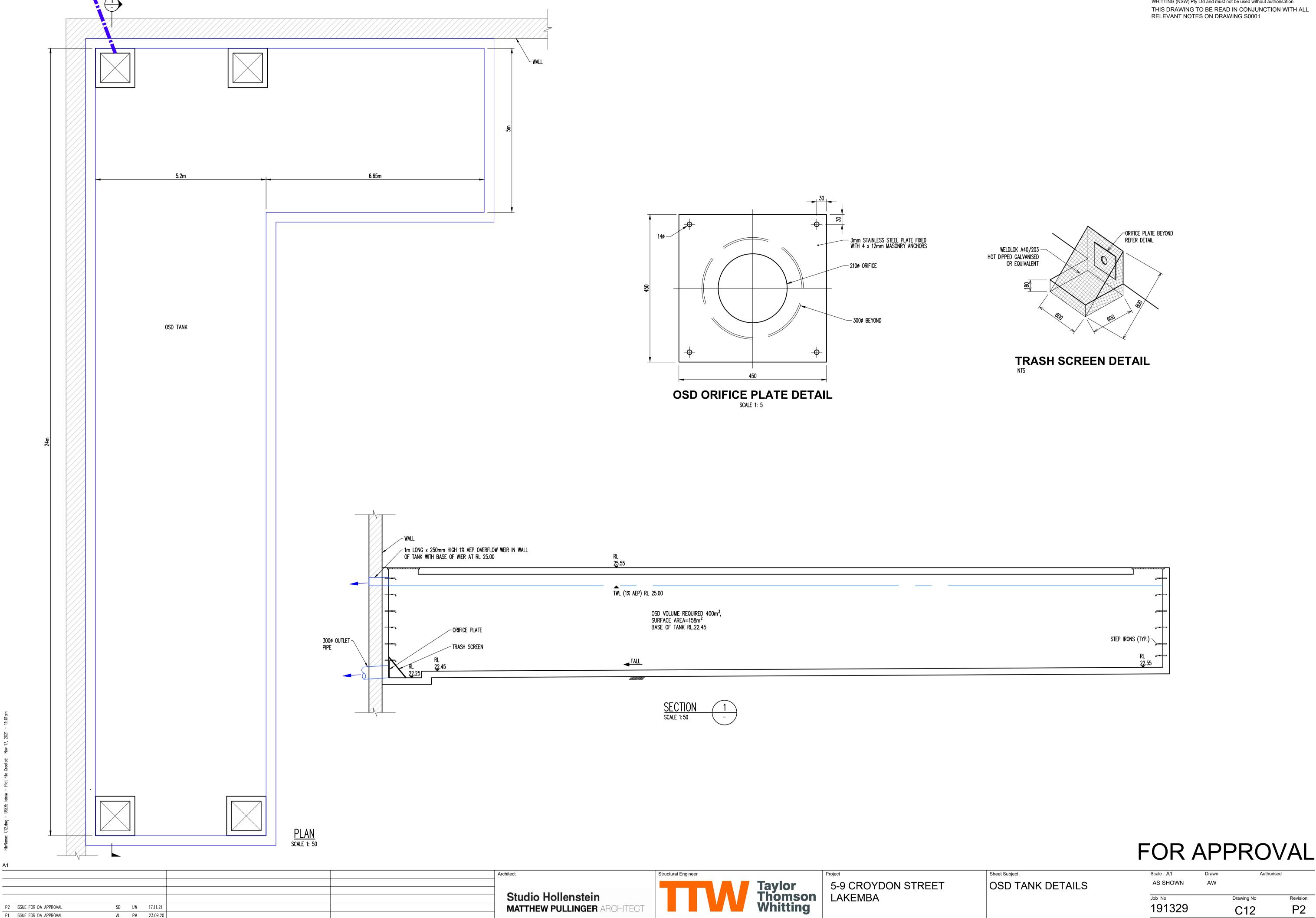
5-9 CROYDON STREET
LAKEMBA

DETAILS SHEET - SHEET 2

Plot File Created: Nov 17, 2021 - 11:01am

P2

Plot File Created: Nov 17, 2021 - 11:01am



Eng Draft Date

Eng Draft Date Rev Description

Rev Description

Eng Draft Date Rev Description

612 9439 7288 | 48 Chandos Street St Leonards NSW 2065