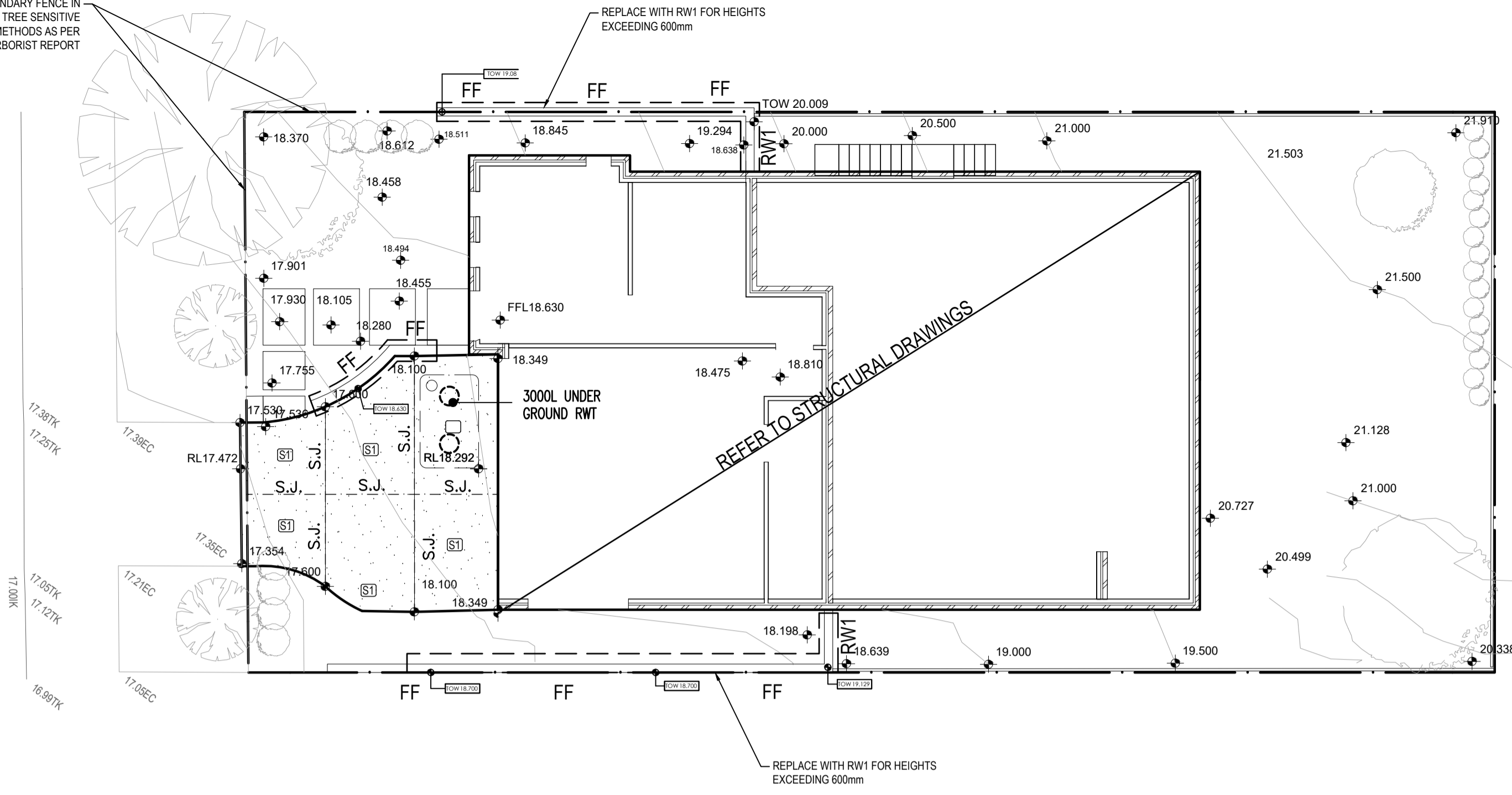


INSTALL BOUNDARY FENCE IN ACCORDANCE WITH TREE SENSITIVE CONSTRUCTION METHODS AS PER ARBORIST REPORT



EXTERNAL WORKS PLAN
SCALE 1:100

EXTERNAL WORKS & FOOTING NOTES:

FOOTINGS $f'c = 32 \text{ MPa}$

SITE IN ACCORDANCE WITH AS2870 CLASS M

FOOTINGS HAVE BEEN DESIGNED FOR A S.B.C. OF 200 kPa MIN BEARING ON CLAYEY SAND

IN LOCATIONS WHERE BEARING IS INADEQUATE OR NON UNIFORM, PROVIDE PIERS IN ACCORDANCE WITH ENGINEERS INSTRUCTIONS ON SITE. IT IS THE BUILDERS RESPONSIBILITY TO ADVISE THE ENGINEER OF ANY SUCH CONDITION PRIOR TO PLACING REINFORCEMENT.

ALL TOPSOIL AND GRASS ROOTS TO BE REMOVED FROM THE AREA ON WHICH THE SLABS ARE TO REST. FILLING TO BE INERT (NON REACTIVE) GRANULAR MATERIAL, WHERE REQUIRED, WELL WATERED AND COMPACTED IN 200 mm. MAX. LAYERS IN ACCORDANCE WITH AS2870.

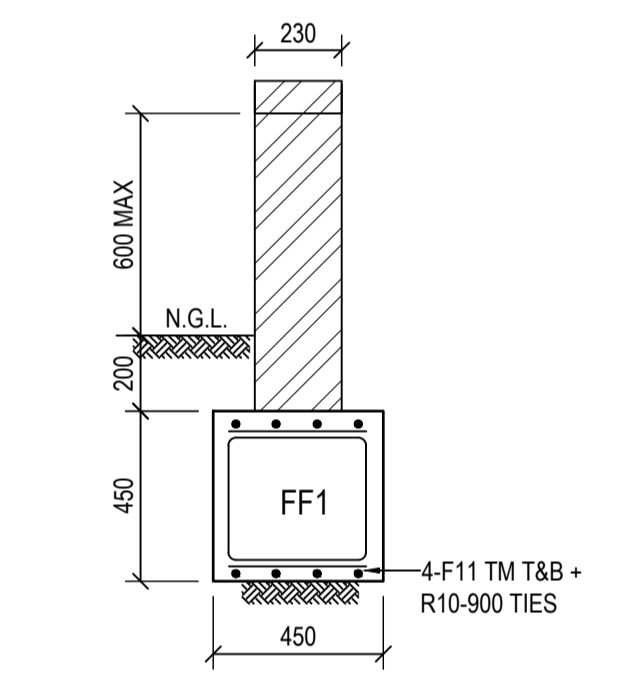
SLAB S1 TO BE 100 THICK WITH SL82 MESH TOP THROUGHOUT.
SLAB S2 TO BE 150 THICK WITH SL82 MESH TOP AND BTM. THROUGHOUT.

POUR SLABS OVER 50 COMPACTED SAND BED.

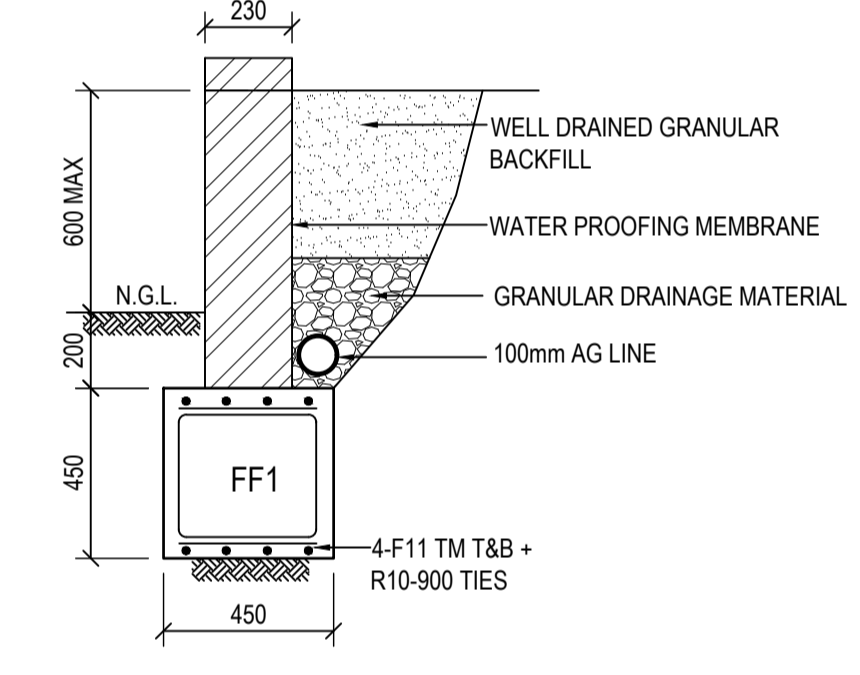
NOTE: ALL SLABS ON GROUND TO BE TYPE S1 UNLESS FILL EXCEEDS 600mm ACCORDINGLY IF FILL EXCEEDS 600mm, USE TYPE S2

SLAB TO BE CURED BY ONE OF THE FOLLOWING METHODS:
(i) WETTING TWICE DAILY FOR THE FIRST THREE DAYS.
(ii) USING AN APPROVED CURING COMPOUND

VJ DENOTES VERTICAL JOINT IN BRICKWORK
KJ DENOTES KEY JOINT
GJ DENOTES GROOVE JOINT
SJ DENOTES SAW CUT



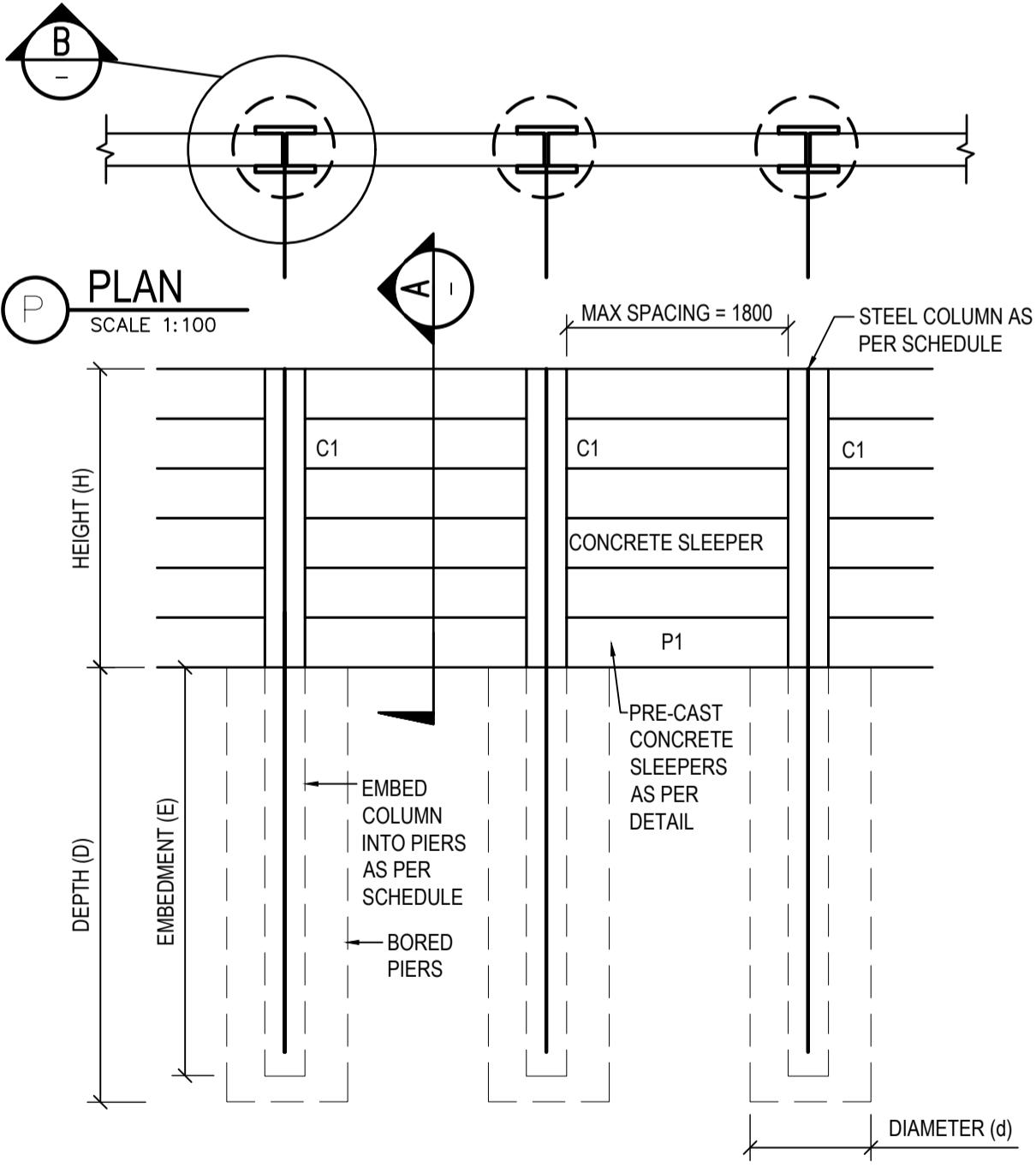
LOW HIGH BRICK RETAINING WALL
-FF-



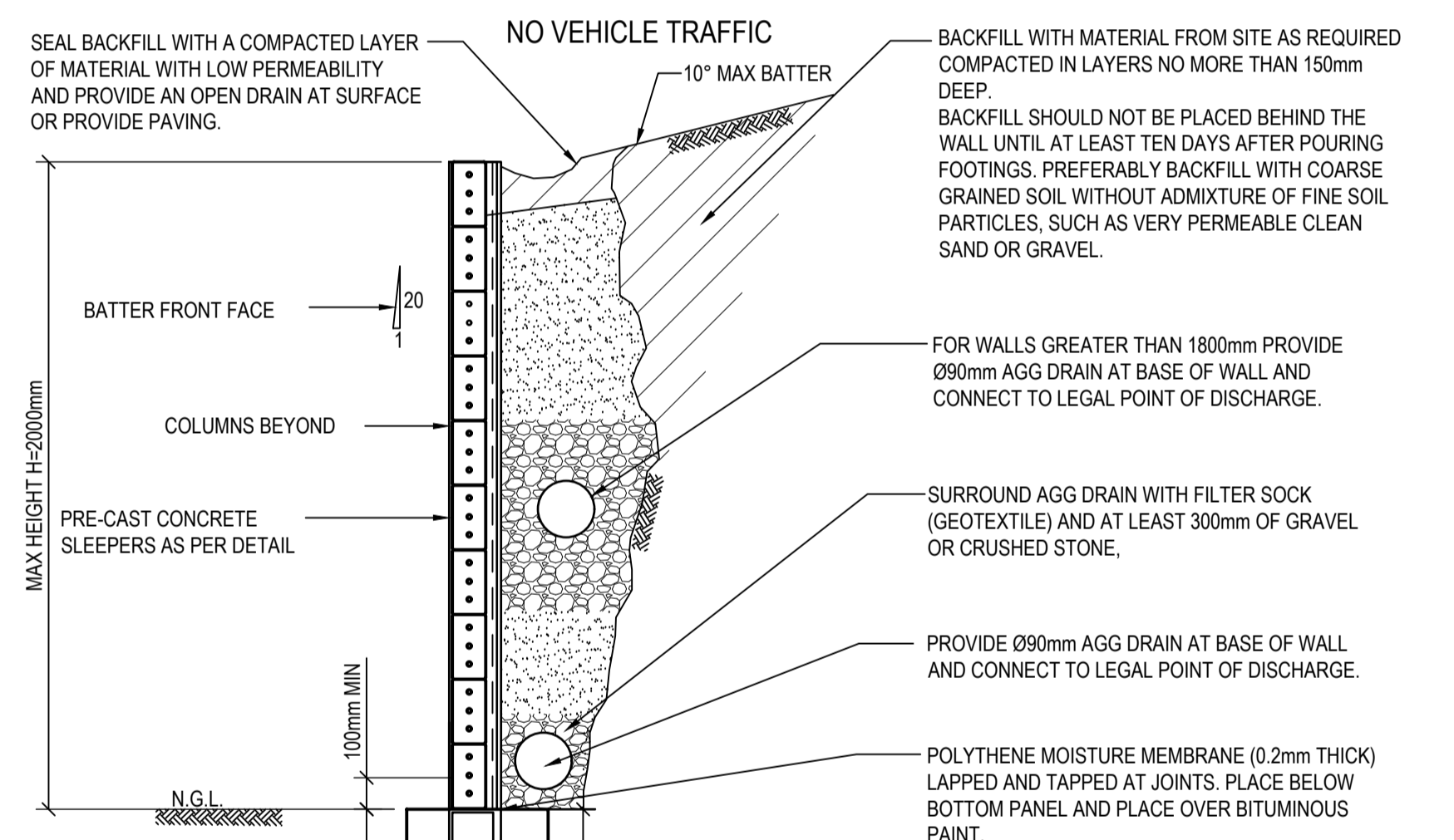
BRICK RETAINING WALL RW1 - (OPTION 1) - MAX 0.6m

RETAINING WALL SCHEDULE

HEIGHT (H) "mm"	STIFF CLAY		ROCK		DIAMETER (d) "mm"	COLUMN SIZE (C1) "mm"
	DEPTH (D) "mm"	EMBED (E) "mm"	DEPTH (D) "mm"	EMBED (E) "mm"		
1000	1400	1200	1000	1000	450	100 UC 15
1200	1600	1400	1200	1200	450	100 UC 15
1400	1800	1600	1400	1400	450	100 UC 15
1600	2000	1800	1600	1600	450	150 UC 23
1800	2300	2000	1800	1800	450	150 UC 23
2000	2500	2200	2000	2000	450	150 UC 31



TYPICAL CONCRETE PANEL RETAINING WALL - RW1 - (OPTION 2)

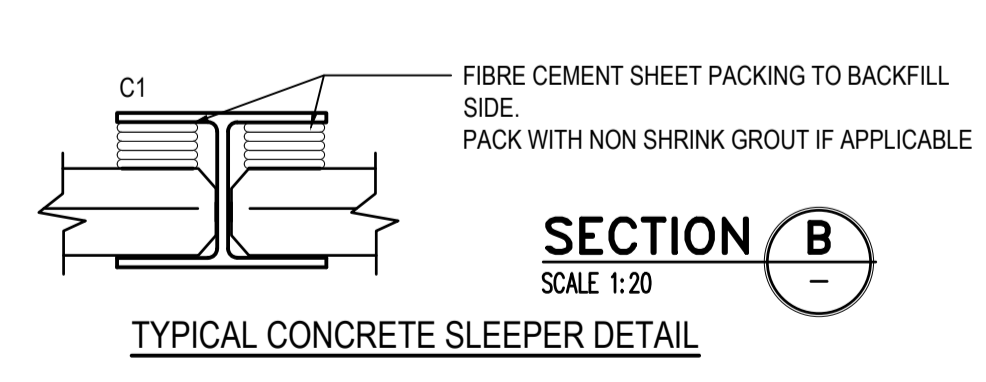


SECTION A
SCALE 1:20
STEEL POST WALL

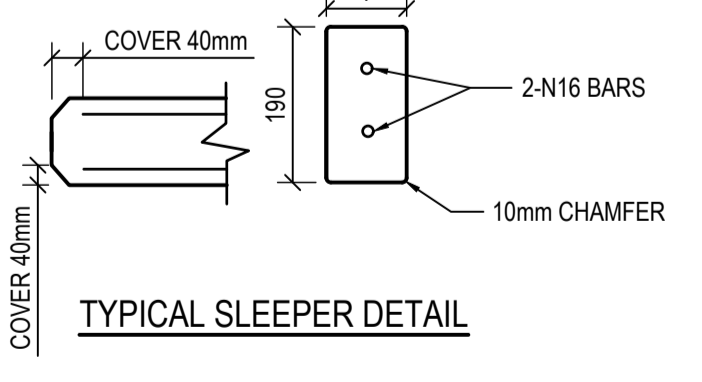
CONCRETE QUALITY

ELEMENT	SLUMP	AGGREGATE (MAX. SIZE)	CEMENT TYPE	$f'c$
PILES	120mm	20mm	A	25 MPa

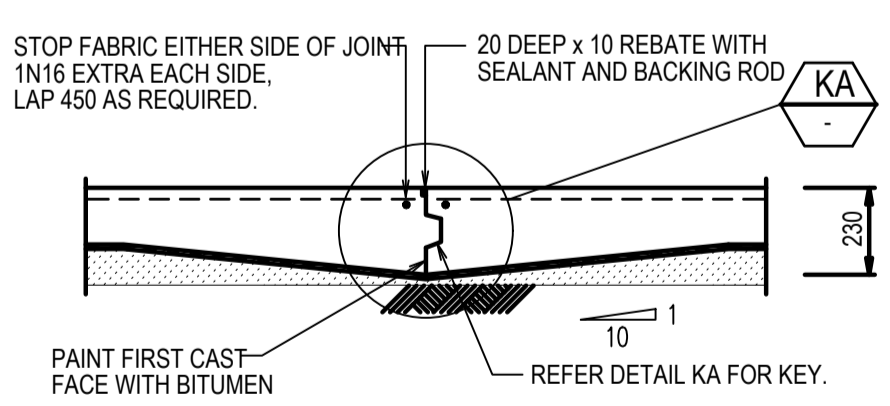
THICKNESS "mm"	MAX RETAINED HEIGHT "mm"
MIN 60	1400
MIN 75	2000



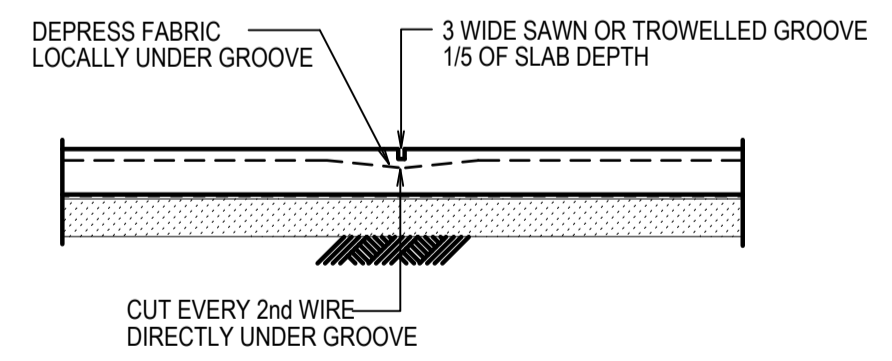
TYPICAL CONCRETE SLEEPER DETAIL



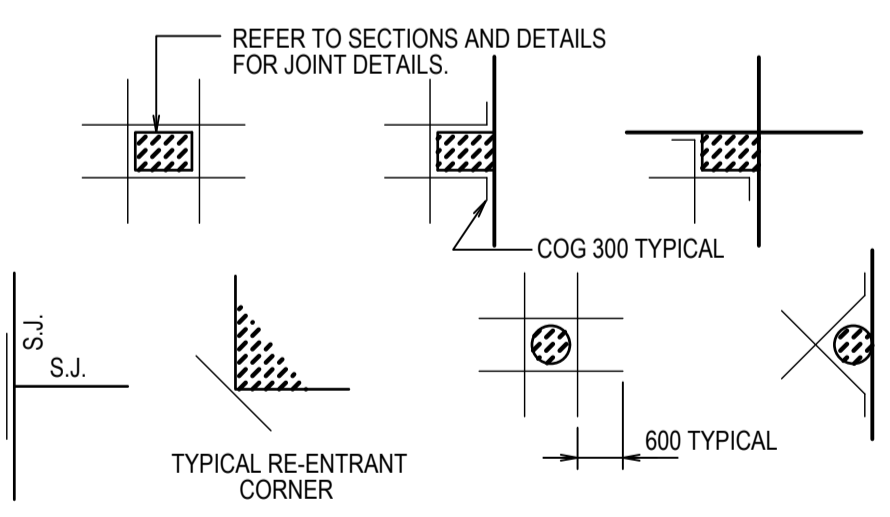
TYPICAL SLEEPER DETAIL



K.J. - KEYED CONSTRUCTION JOINT
SCALE 1:20
CARPARK AND OFFICE FLOORS



S.J. - SAWN CONTROL JOINT
SCALE 1:20
NOTE: SAWCUT TO BE MADE WITHIN 16 HOURS OF CASTING SLAB



TYPICAL TRIMMER DETAILS
AT ALL COLUMNS, WALLS, PITS, FLOOR WASTES, ETC THAT CAUSE A PENETRATION THROUGH THE SLAB.

REVISION	AMENDMENT	ISSUE DATE	ISSUE	ISSUED TO	ISSUE DATE
D	AMENDED ARCHITECTURAL PLANS	13/06/2023			
C	SEWER ADDED - RWT MOVED	05/10/2022			
B	MINOR AMENDMENTS	05/10/2022			
A	PRELIMINARY DESIGN	21/09/2022			

CAM CONSULTING
STRUCTURAL & CIVIL ENGINEERS

SUITE 303 / 29-31 LEXINGTON DRIVE
NORWEST BUSINESS PARK,
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PH. 8814 6191 FAX 8814 5301 MOB. 0425 270 333
EMAIL. andrew@camconsulting.com.au

PROJECT
**PROPOSED DEVELOPMENT
LOT 3, 6 ORCHARD STREET
WARRIEWOOD**

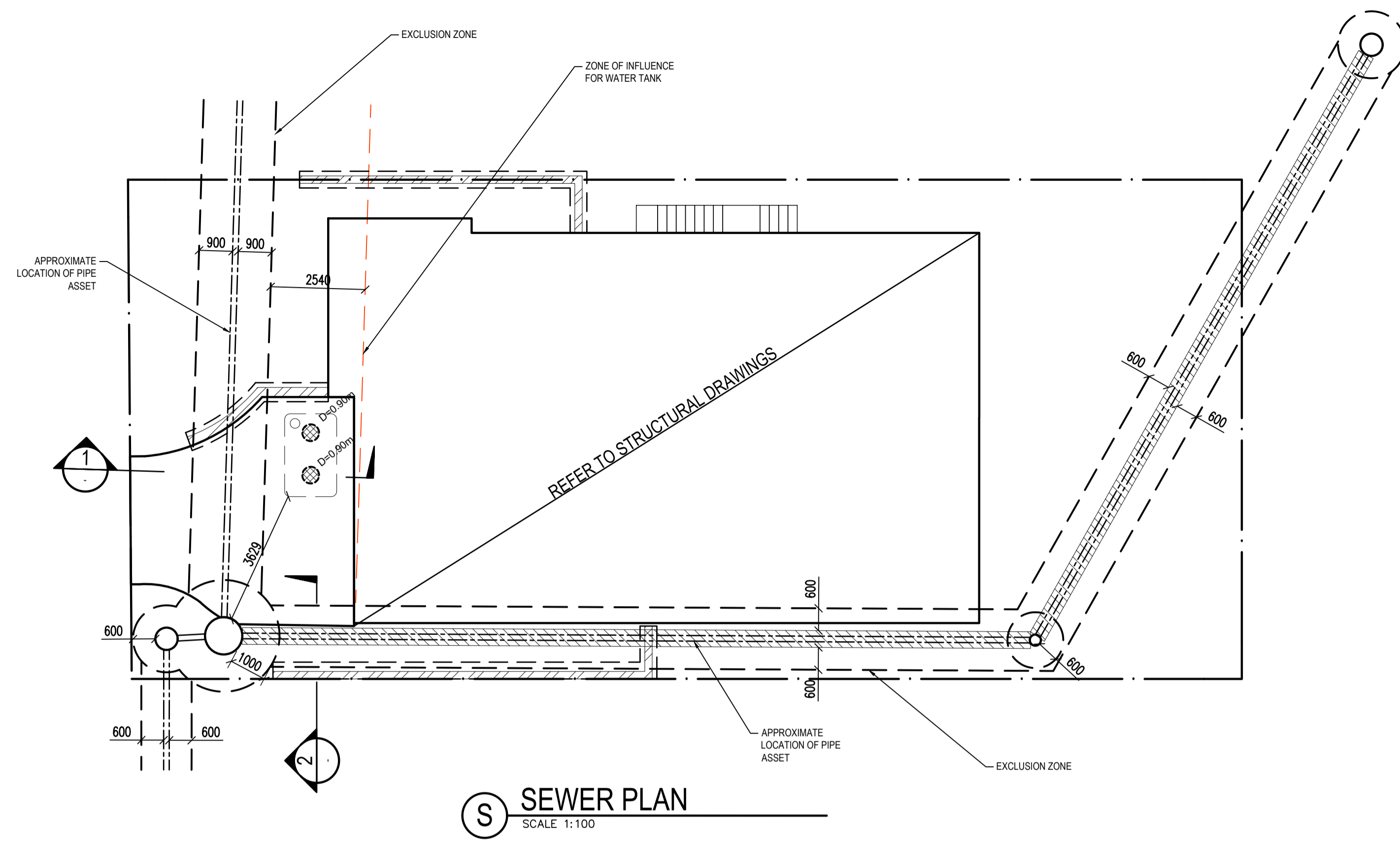
CLIENT
SKYCORP

ARCHITECT / PROJECT MANAGER
PTI ARCHITECTURE

DRAWING TITLE
**EXTERNAL WORKS LAYOUT,
SECTIONS AND DETAILS**

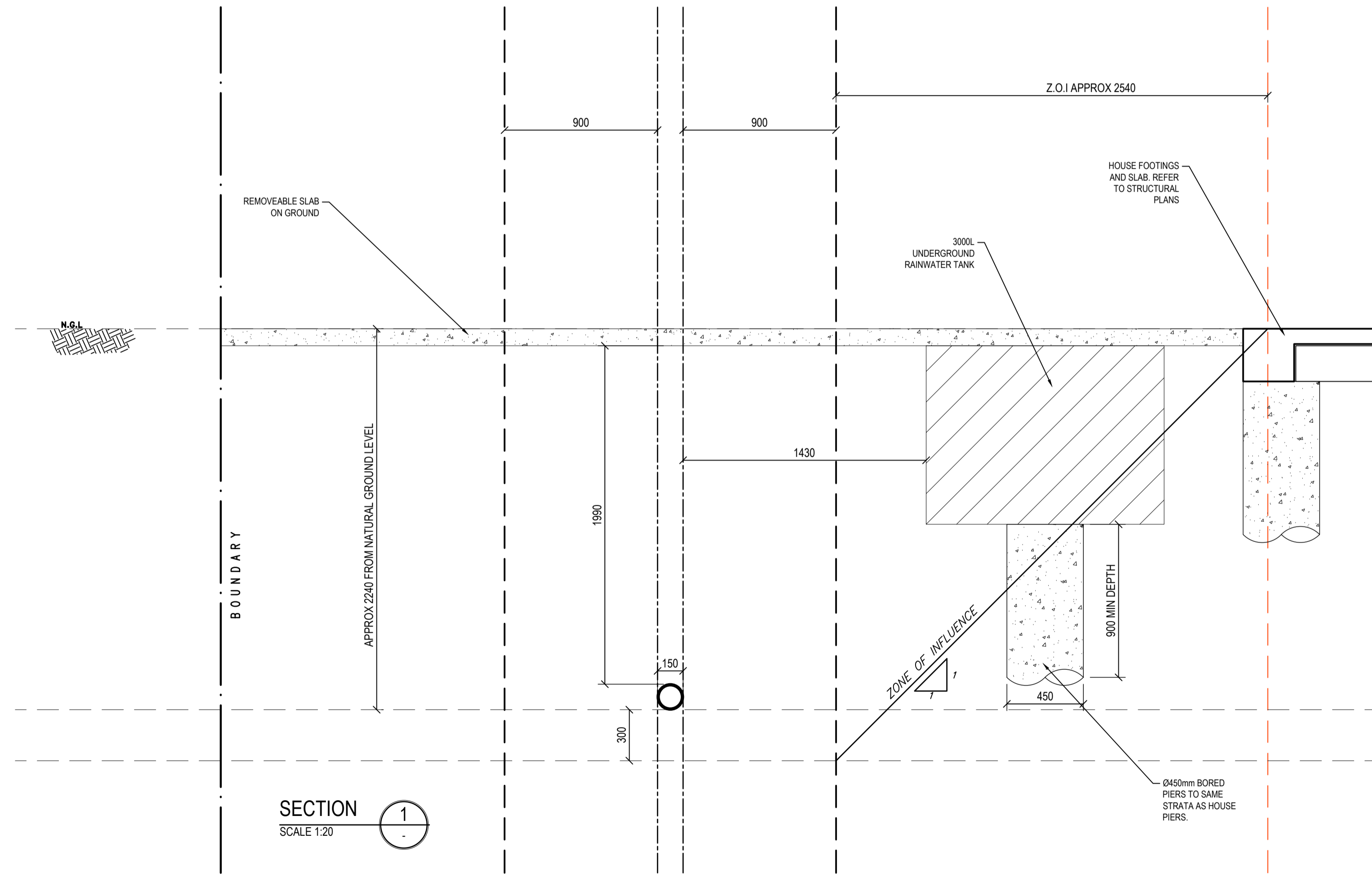
SCALES	DESIGNED	DRAFTED
A1 - 1:100	A.C.	M.W.

DRAWING NO.	APPROVED	REVISION
C22065-C01	A.C.	D

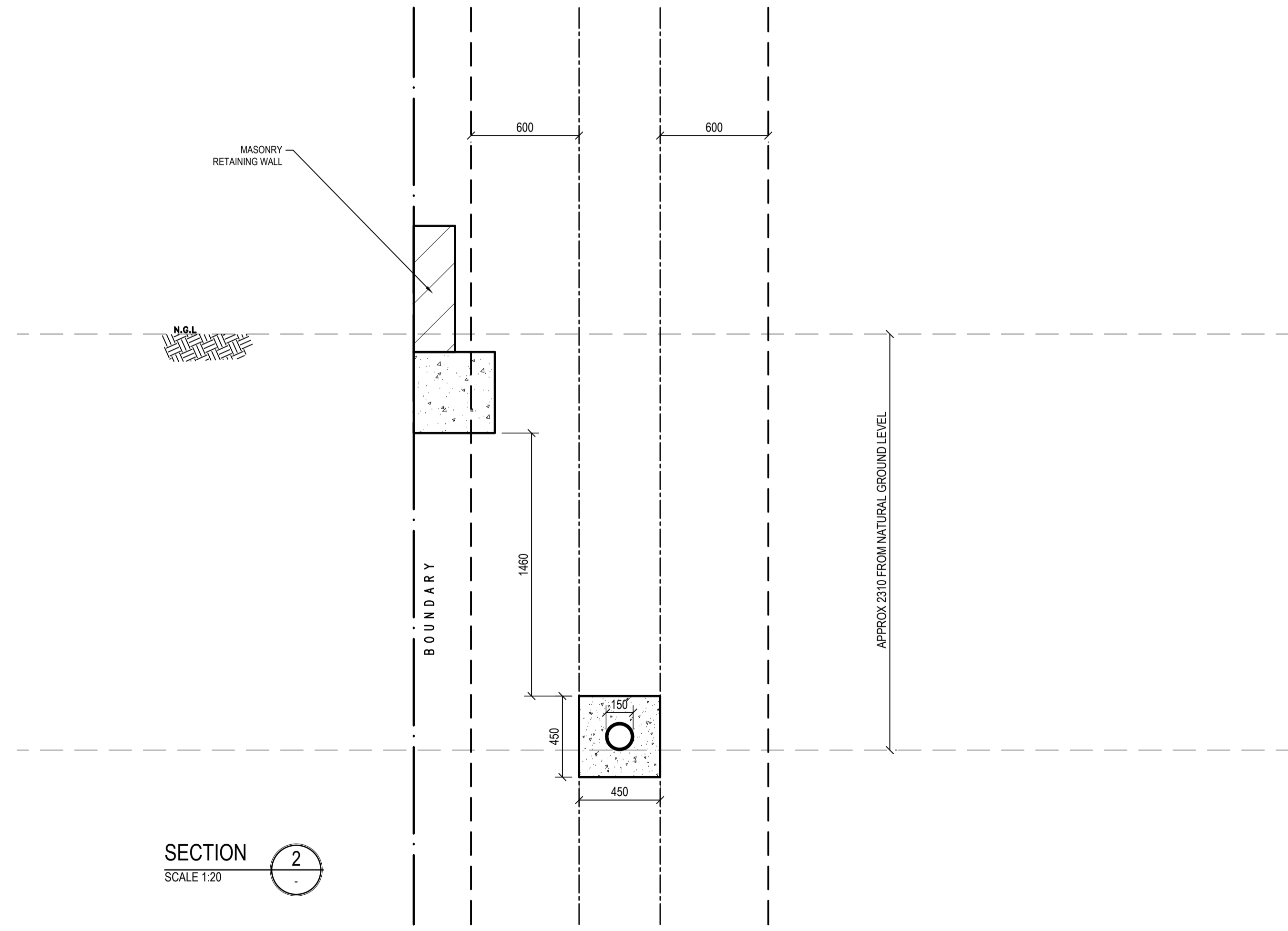


- LEGEND**
- ∅ DENOTES MINIMUM DEPTH OF PIER
 - ⊗ DENOTES PIERS IN EFFECTED ZONE OF INFLUENCE (Z.O.I). MINIMUM DEPTH FOR SEWER REQUIREMENTS ONLY, REFER TO ENGINEERING PLANS FOR BEARING AND REINFORCEMENT.
 - ▨ DENOTES CONCRETE ENCASEMENT

S SEWER PLAN
SCALE 1:100



SECTION 1
SCALE 1:20



SECTION 2
SCALE 1:20

REVISION	AMENDMENT	ISSUE DATE	ISSUE	ISSUED TO	ISSUE DATE
D	AMENDED ARCHITECTURAL PLANS	13/06/2023			
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PROJECT
**PROPOSED DEVELOPMENT
LOT 3, 6 ORCHARD STREET
WARRIEWOOD**
CLIENT
SKYCORP
ARCHITECT / PROJECT MANAGER
PTI ARCHITECTURE

DRAWING TITLE SEWER PLAN AND SECTIONS			
SCALES A1 - 1:100	DESIGNED A.C.	DRAFTED M.W.	
DRAWING NO. C22065 -C 02	APPROVED A.C.	REVISION D	