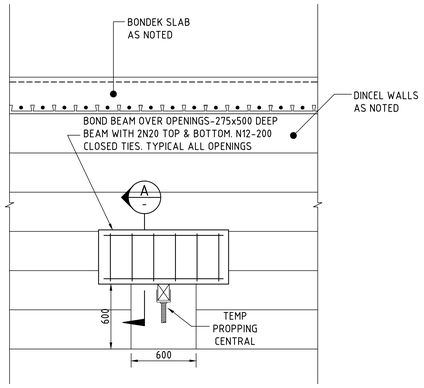
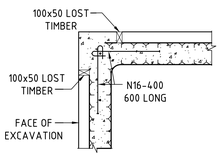
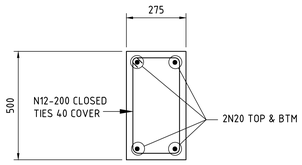


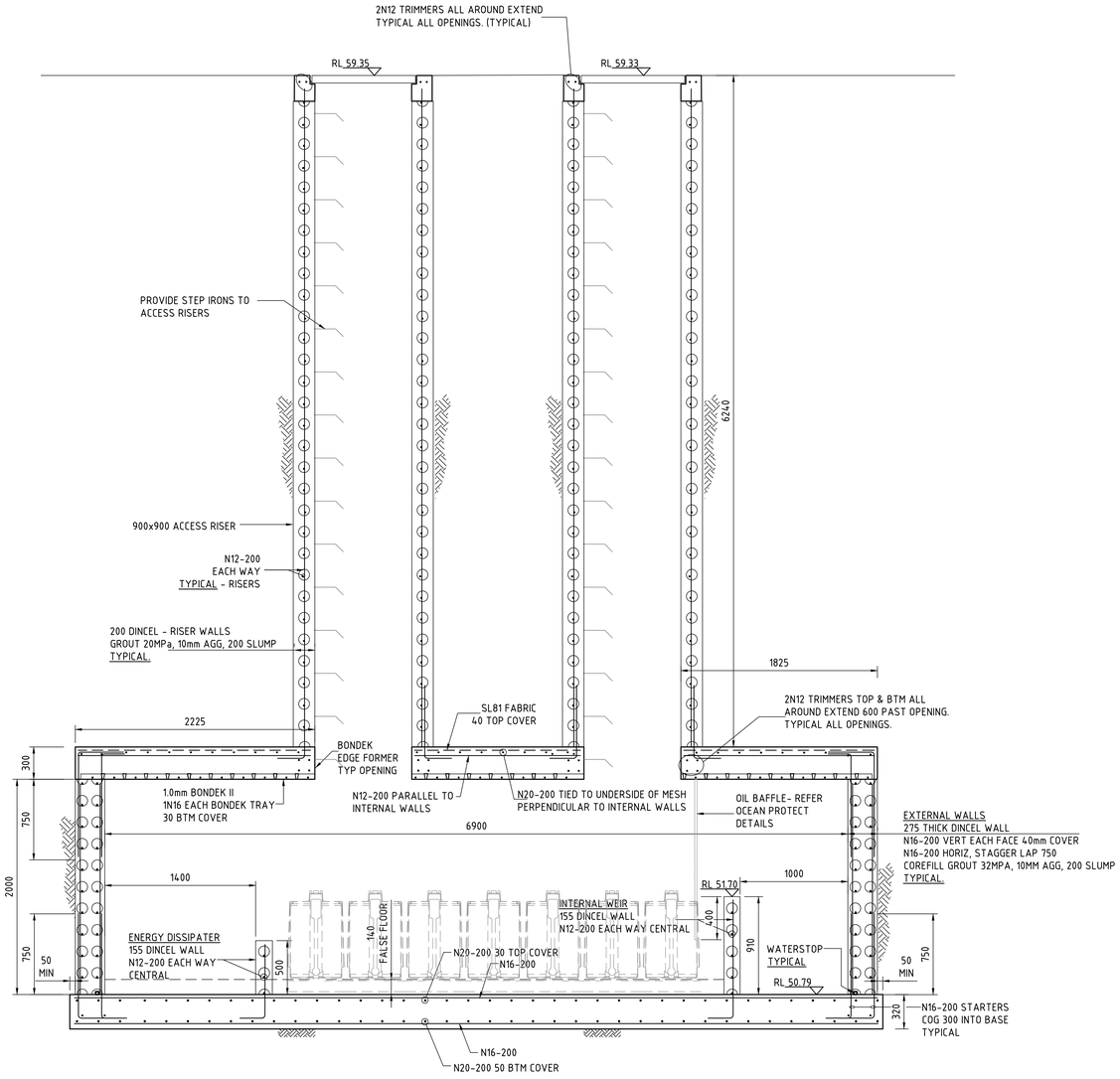
SECTION 1:20 (1) WALL PENETRATION



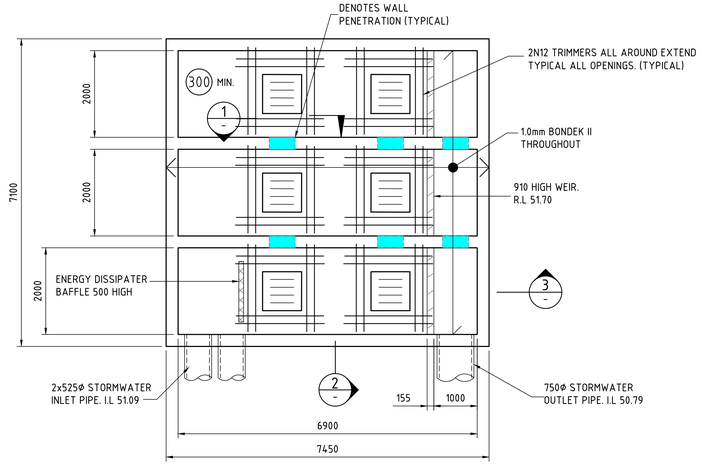
DINCEL WALL CORNER DETAIL
SCALE 1:20



SECTION 1:10 (A) BOND BEAM



SECTION 1:20 (3)



BELOW GROUND TREATMENT TANK PLAN
SCALE 1:50

CONCRETE QUALITY					
ELEMENT	SLUMP	AGGREGATE (MAX. SIZE)	CEMENT TYPE	ADMIXTURE	F'c (MPa)
ROOF	80	20	SL	NIL	40
BASE	80	20	SL	NIL	40
GROUT	230	10	SL	NIL	32

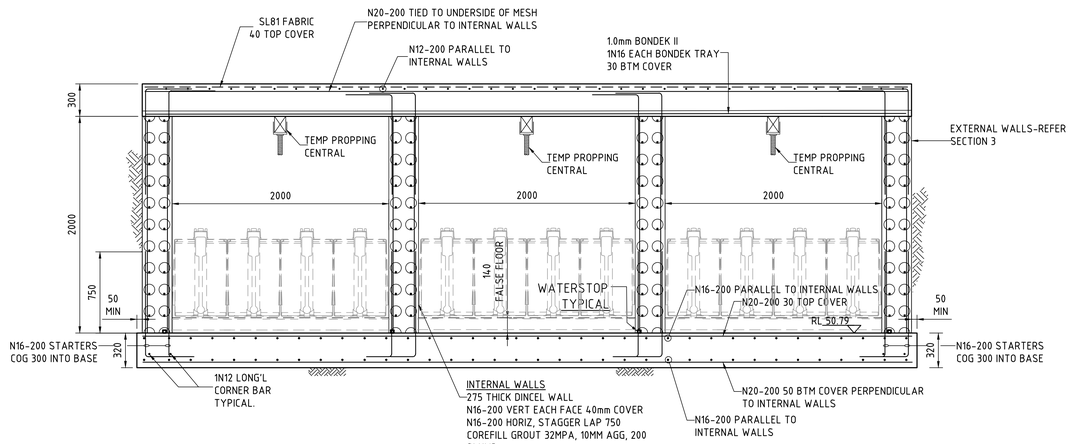
DESIGN LOADS:
5kPa LL
100kPa DL

TANK BASE TO BE FOUNDED ON
MIN 200kPa STRATA

CONCRETE COVER
50mm U.N.O.

OSD TANK BACKFILL METHODOLOGY

1. OSD TANK BACKFILL TO COMPRISE OF CRUSHED SANDSTONE CBR30% AND MAX PI=15, FOR A MINIMUM DEPTH OF 1000mm. COMPACT TO 100% STANDARD WITHIN ±2% OF OMC.
2. HAND MACHINERY (LIGHT MECHANICAL TAMPERS/WACKERS) TO BE USED FOR FIRST 300mm OF BACKFILL.
3. 2-3t STATIC WEIGHT ROLLER CAN BE USED FOLLOWING PLACEMENT OF THE FIRST 300mm OF FILL. ROLLERS TO BE USED IN NON-VIBRATORY MODE.
4. BACKFILL IS TO COMMENCE NOT BEFORE FULL SPECIFIED CONCRETE STRENGTH OF THE ROOF SLAB HAS BEEN ACHIEVED.



SECTION 1:20 (2)

NOTE:

REFER TO OCEAN PROTECT SHOP DRAWING FOR NON-STRUCTURAL ITEMS SUCH AS OIL BAFFLE, STORMFILTER UNITS, UNDER-DRAINS ETC.

100mm 0 200 400 600 800 1000mm
SCALE 1:10 AT A0 SIZE SHEET

500mm 0 1 2 3 4 5m
SCALE 1:50 AT A0 SIZE SHEET

200mm 0 500 1000 1500 2000mm
SCALE 1:20 AT A0 SIZE SHEET

FOR CONSTRUCTION

AMENDMENTS	DATE	ISSUE
ISSUED FOR CONSTRUCTION	21.03.22	0

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CLIENT: Aliro

PROJECT: PROPOSED DEVELOPMENT
44 CLUNIES ROSS STREET, GREYSTANES

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
MC	MC	FEB '21	M.W.	A0	AS SHOWN	C013251.06- C47

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PRECISION | COMMUNICATION | ACCOUNTABILITY

DRAWING TITLE: STORMFILTER TANK STRUCTURAL DETAILS

DRAWING No: C013251.06-C47 ISSUE: 0