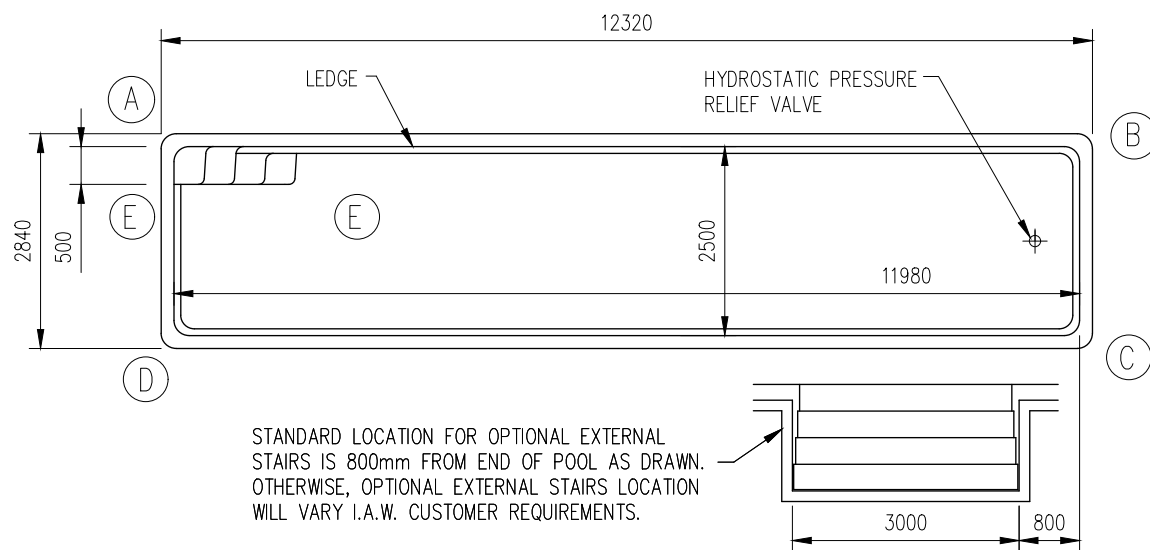
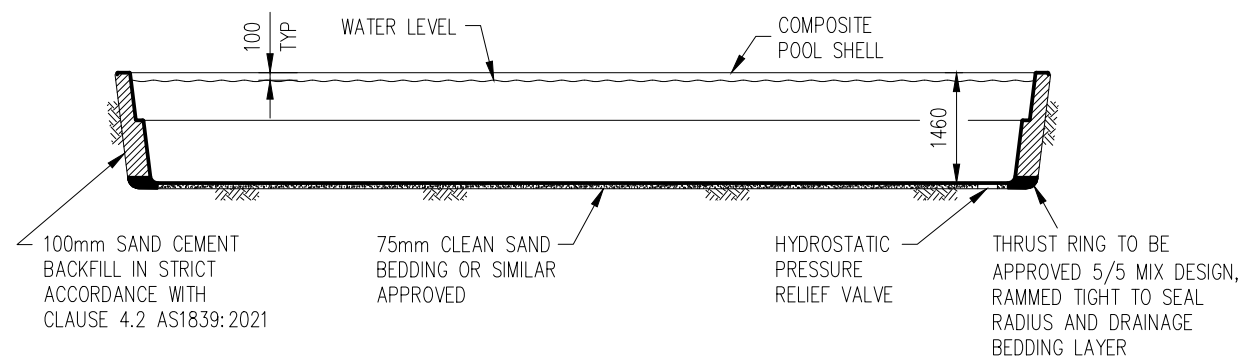


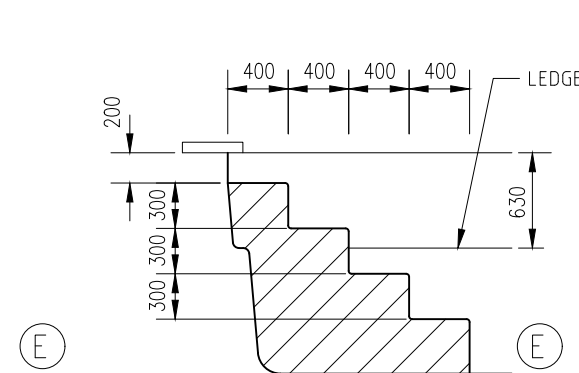


STANDARD LOCATION FOR OPTIONAL EXTERNAL STAIRS IS 800mm FROM END OF POOL AS DRAWN. OTHERWISE, OPTIONAL EXTERNAL STAIRS LOCATION WILL VARY I.A.W. CUSTOMER REQUIREMENTS.

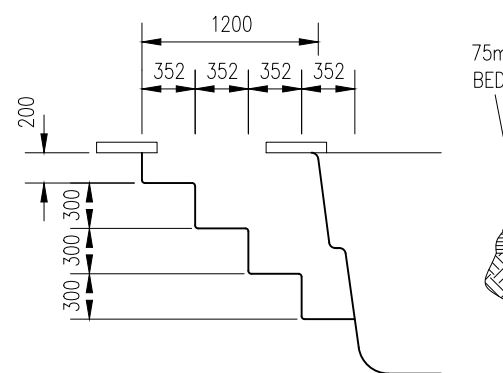
POOL PLAN
1:100



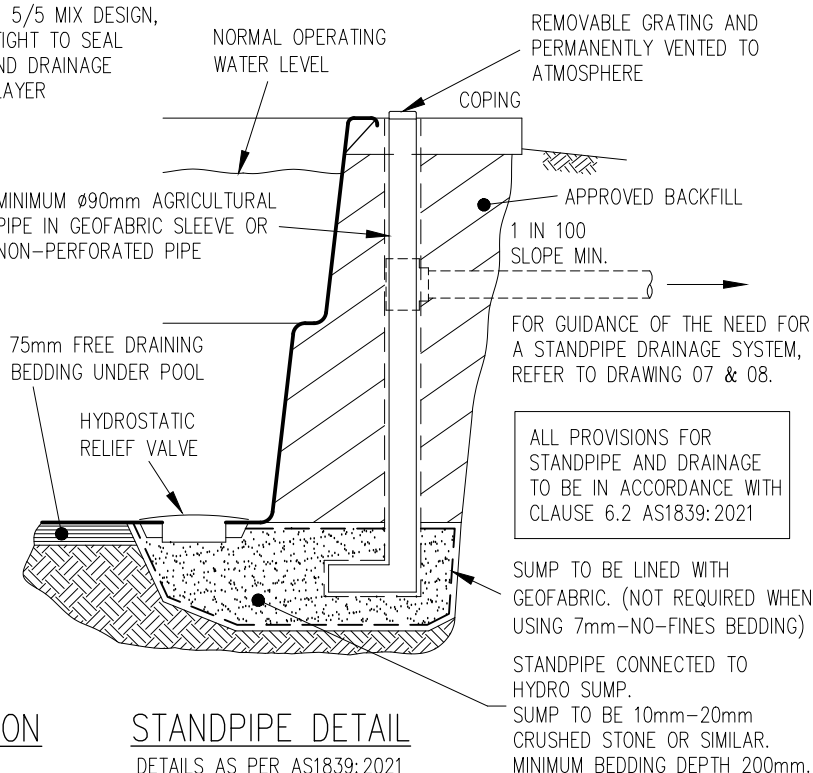
LONGITUDINAL SECTION
1:100



INTERNAL STAIR SECTION
N.T.S.



OPTIONAL EXTERNAL STAIR SECTION
N.T.S.

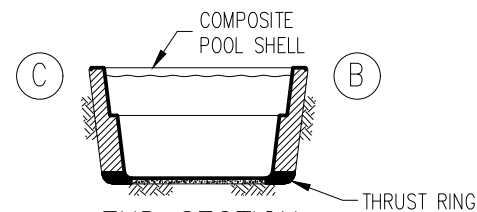


STANDPIPE DETAIL
DETAILS AS PER AS1839:2021

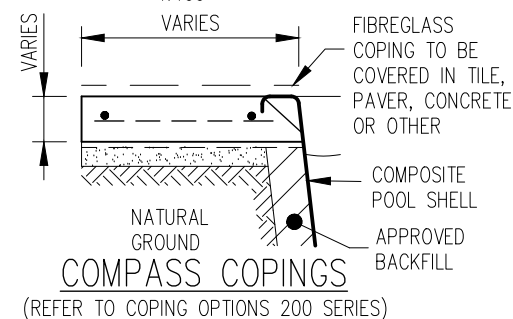
NOMINAL LENGTH = 11980mm
NOMINAL WIDTH = 2500mm

MINOR VARIATIONS TO LENGTH AND WIDTH WILL OCCUR WITH SPECIFIC INSTALLATION.

ENGINEERING RECOMMENDATIONS TO BE READ IN CONJUNCTION WITH THE 800 SERIES DRAWINGS.



END SECTION
1:100

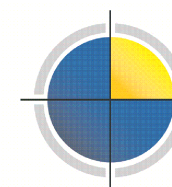


1. GENERAL Design and installation to be in accordance with current AS 1838 & AS 1839, all relevant statutory by-laws, regulations and for site conditions existing or planned at the time of construction and noted on the specific site plan.
2. FOUNDATION The foundation material is to be uniform and capable of providing a working bearing capacity of 25 KPa. In particular, bearing on fill is permitted, subject to Engineer approval.
3. CONCRETE COPINGS All concrete works to comply with AS 3600
0-1 km from coastline:
F'c = 40 MPa 50mm cover maximum slump = 80mm
1-50 km from coastline:
F'c = 32 MPa 50mm cover maximum slump = 80mm
Greater than 50 km from coastline:
F'c = 25 MPa 50mm cover maximum slump = 80mm
See 200 series drawings for details.
4. EMPTYING This pool must not be emptied without the express approval of Compass Pools Australia P/L or agent. Standpipes and hydrostatic relief valves are required for all installations, or otherwise to Engineers approval
5. REACTIVE SOILS The Compass Pool range is designed to suit all reactive clay conditions. Refer to the installation procedures nominated for specific area (state) (800 series drawings). If you consider your site is outside nominated site conditions contact Compass Pools Head office.
6. DRAINAGE Refer AS1838, AS1839, Compass Pools drawings 07 and 08. Particular attention is drawn to the need for drainage on sloping sites; Ø100mm Ag-Line minimum depth 600mm, fall 1:100, discharge to atmosphere. For flat flood plain sites, pool to be raised as per AS1839 and/or specific Engineers instructions. Inclusions (and exclusions) for drainage to be clearly clarified at contract. Exposure at excavation stage required to confirm the final design.
7. LAYUP Details available on specific request from Compass Pools Australia P/L.
8. DETAILS Refer to Compass Pools drawings 07, 08, 200 series and 800 series drawings for details.
9. MOVEMENT Refer to the following clauses in AS1839:2021 for installation tolerances:
 - 6.1 nominates installation tolerances for the shape of the pool.
 - 6.5 for tolerance for finished height of the pool.
 - 6.6 for tolerances of levelness of the pool.Note: Long-term or seasonal movement due to reactive clay is not considered to be an installation deviation and will vary depending on the level of reactivity but is acceptable unless it compromises the structural integrity of the pool.

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COMPASSPOOLS
HOME OF THE SELF CLEANING POOL

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ESTABLISHED 1980 ACN 086 874 222

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STRUCTURAL DETAILS APPROVED BY CE RICKARD, M.Sc, FStruct.E, FIE(Aust), MIPENZ
QLD: RPEQ 2485 VIC: PE0003927 NSW: NPER 73285 NZ: PSA3584

FAST LANE 12.30m

Designed CER
Drawn NT

134L

CLIENT: _____

ADDRESS: _____

Date

Approved

/2()