

WATERLINE LENGTH = 10000mm
WATERLINE AT BENCH = 4000mm

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

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

- 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.
- 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.
- 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.
- 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
- 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.
- 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.
- LAYUP**
Details available on specific request from Compass Pools Australia P/L.
- DETAILS**
Refer to Compass Pools drawings 07, 08, 200 series and 800 series drawings for details.
- 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

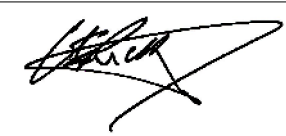
COMPASS POOLS AUSTRALIA PTY LTD
ESTABLISHED 1980
19 School Drive, Tomago N.S.W. 2322
Telephone: + 612 49648692
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ACN 086 874 222

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ENGINEERING
Specialist Civil & Structural Engineering Services
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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

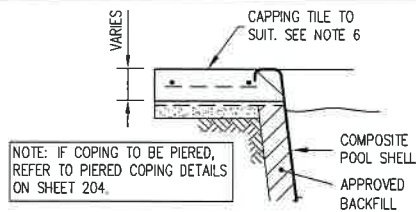
VOGUE 10.20m



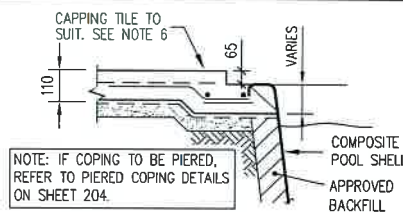
Designed CER
Drawn NT

115F

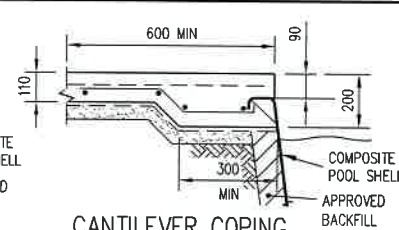
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ADDRESS:	_____	Approved
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**STANDARD COPINGS**

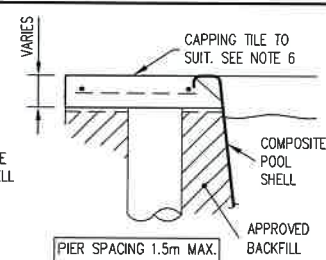
(TYPE AS, BS & CS) REFER TO SHEET 202.

**STEPPED COPINGS**

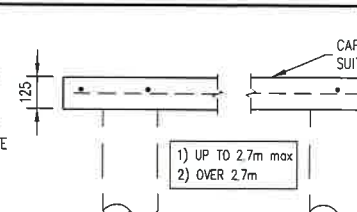
(TYPE AAS, BBS & CCS) REFER TO SHEET 203.

**CANTILEVER COPING**

REFER TO SHEET 203.

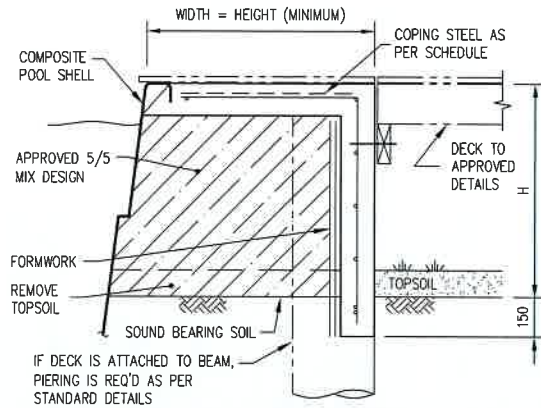
**PIERED COPINGS**

(TYPE P) REFER TO SHEET 204.

**EXTENDED PIERED COPING**

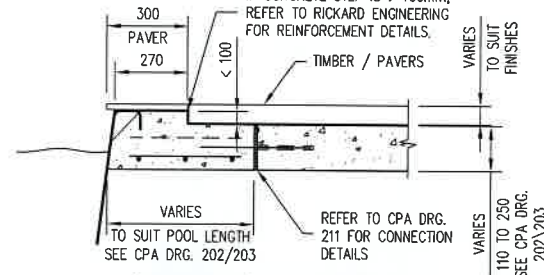
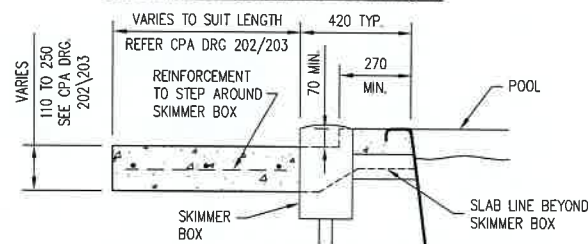
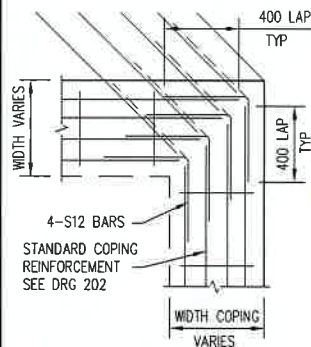
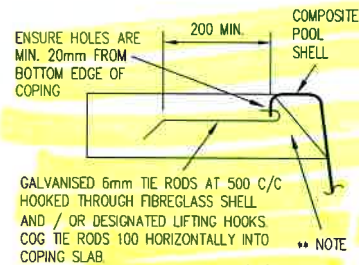
REFER TO SHEETS 205 & 206.

NOTE:
FOR WATER FEATURE COPING
OPTIONS, SEE DRAWING 207

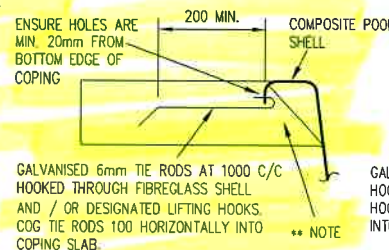
**OUT OF GROUND COPING**

(WITH OPTION OF ATTACHED DECK AND PIERS)

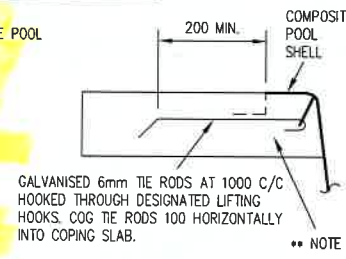
REFER TO SHEET 207 FOR STEEL AND BACKFILL DETAILS

**'REVERSED' STEPPED COPING 1****'REVERSED' STEPPED COPING 2****CHANGE OF ALIGNMENT/
LAP REINFORCEMENT****TIE DETAIL '1'**

SOIL TYPE: H1 / H2 / E CLASS CLAY

**TIE DETAIL '2'**

SOIL TYPE: SAND, S / M CLASS CLAY

**TIE DETAIL '3'**FLAT FIBREGLASS COPINGS
TYPE 1 AND TYPE 2 LINK REBATES

** NOTE: ENSURE FULL CONCRETE VIBRATED UNDER EDGE OF SHELL

NOTE

- 1) CONCRETE STRENGTH SEE 100 SERIES SHEETS
- 2) ENGINEERING RECOMMENDATIONS TO BE READ IN CONJUNCTION WITH 800 SERIES DRAWINGS.
- 3) MINIMUM COVER TO REINFORCEMENT 50mm
- 4) ALL SLABS ON GROUND TO BE PLACED OVER 25mm MIN
- 5) CONTRACT RESPONSIBILITY FOR COPING BEYOND NOMINATE DIMENSION TO BE CLEARLY IDENTIFIED.
- 6) COMPASS POOLS REQUIRE A SURFACE FINISH TO BE APPLIED THE FIBREGLASS COPING.
- 7) REINFORCEMENT ALLOWS FOR ALL CLASSES OF EXPOSURE.
- 8) APPROVED EARTH BONDING CONNECTION MAY BE REQUIRED REINFORCEMENT IN ACCORDANCE WITH APPLICABLE STATE

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COPING OPTIONS

Designed CER

Drawn NT

201Z

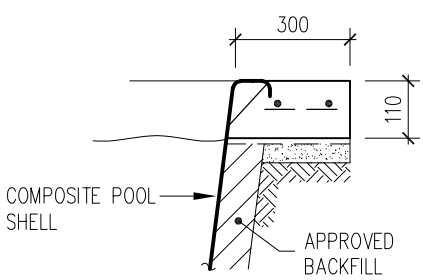
CLIENT: _____

ADDRESS: _____

POOL	LENGTH (m)	300 AS	300 BS	300 CS	370 AS	370 BS	340-370 CS	470 BS	600 AS	750 AS	900 AS
CONTEMPORARY	8.30		✓	✓	✓	✓	✓	✓	✓	✓	✓
	9.50			✓		✓	✓	✓	✓	✓	✓
	10.90					✓	✓	✓	✓	✓	✓
X-TRAINER	5.80 / 5.80 SLIMLINE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	7.20 / 7.15 SLIMLINE		✓	✓	✓	✓	✓	✓	✓	✓	✓
	8.20 / 8.20 SLIMLINE			✓		✓	✓	✓	✓	✓	✓
	9.40					✓	✓	✓	✓	✓	✓
	10.20						✓	✓	✓	✓	✓
	11.80						* ✓	✓	✓	✓	✓
FAST LANE	10.30 / 12.30						* ✓	✓	✓	✓	✓
CUSTOM LENGTH POOLS	< 12.30	USE X-TRAINER COPING SPECIFICATIONS FOR EQUIVALENT LENGTH									
	> 12.30	COPING WIDTH TO BE APPROVED AT URN TO SUIT INDIVIDUAL SITE CONDITIONS *									
VOGUE	7.15 / 7.15 SLIMLINE		✓	✓	✓	✓	✓	✓	✓	✓	✓
	8.20 / 8.20 NARROW			✓		✓	✓	✓	✓	✓	✓
	9.40					✓	✓	✓	✓	✓	✓
	10.20						✓	✓	✓	✓	✓
PLUNGE POOL	2.80 / 3.80 / 5.00 / 6.20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SANCTUARY	4.80 / 6.00 NARROW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6.00 / 7.00 / 7.00 NARROW		✓	✓	✓	✓	✓	✓	✓	✓	✓
	8.20 / 8.20 NARROW			✓		✓	✓	✓	✓	✓	✓
	9.40					✓	✓	✓	✓	✓	✓
	10.60						* ✓	✓	✓	✓	✓
RELAX	4.00 / 5.20 / 6.30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPAS & WADERS		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

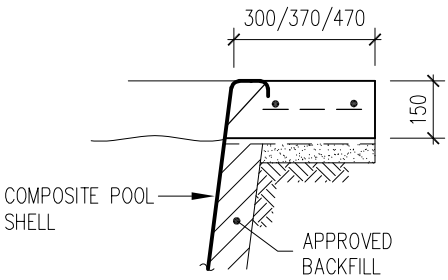
'*' NEED TO USE N16 BARS INSTEAD OF N12/S12 FOR CONCRETE SPEC. SEE 100 SERIES NOTES.

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



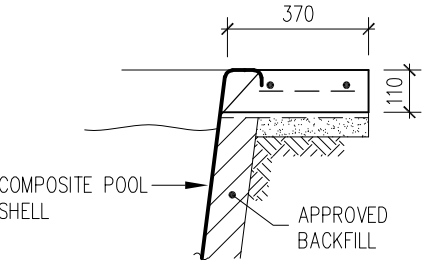
TYPE '300 AS'

REINFORCE WITH 3L8TM OR SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.



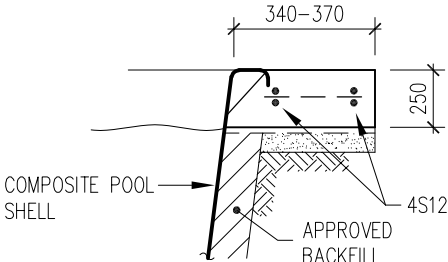
TYPE '300, 370 & 470 BS'

REINFORCE WITH 3L8TM OR SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.



TYPE '370 AS'

REINFORCE WITH 3L8TM OR SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.



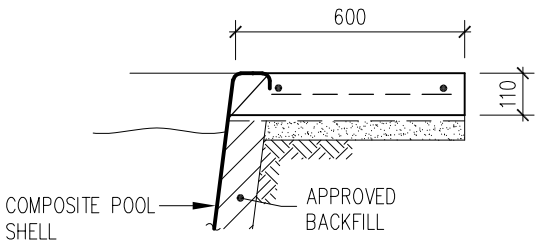
TYPE '340-370 CS'

REINFORCE WITH 3L8TM OR SL62 PLACED CENTRAL + 4S12 CONTINUOUS AROUND POOL.

COPING 'TYPE 'AS'	110mm WITH MEMBRANE 125mm WITHOUT MEMBRANE
COPING 'TYPE 'BS'	150mm WITH MEMBRANE 150mm WITHOUT MEMBRANE
COPING 'TYPE 'CS'	250mm WITH MEMBRANE 250mm WITHOUT MEMBRANE

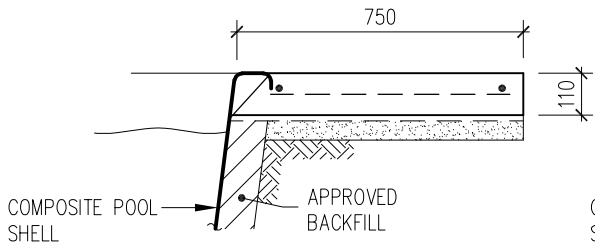
MINIMUM WIDTH OF COPING TO BE MAINTAINED AROUND SKIMMER BOX

FOR POSSIBLE VARIATIONS SEE RICKARD ENGINEERING



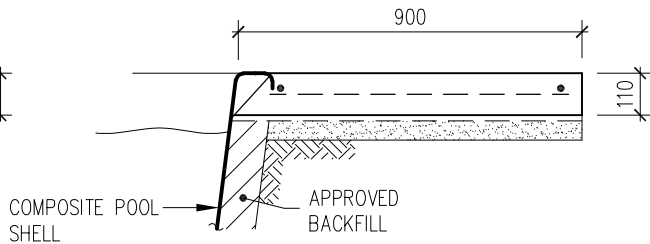
TYPE '600 AS'

REINFORCE WITH SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.



TYPE '750 AS'

REINFORCE WITH SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.



TYPE '900 AS'

REINFORCE WITH SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.

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QLD: RPEQ 2485 VIC: PE0003927 NSW: NPER 73285 NZ: PSA3584

STANDARD COPINGS

Designed CER
Drawn AES

202T

CLIENT: _____
ADDRESS: _____

Date

Approved

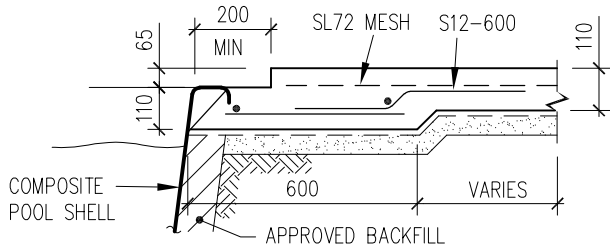
Job No.

POOL	LENGTH (m)	300 AAS	300 BBS	300 CCS	370 AAS	370 BBS	340-370 CCS	470 BBS	600 AAS	750 AAS	900 AAS
CONTEMPORARY	8.30		✓	✓	✓	✓	✓	✓	✓	✓	✓
	9.50			✓		✓	✓	✓	✓	✓	✓
	10.90					✓	✓	✓	✓	✓	✓
X-TRAINER	5.80 / 5.80 SLIMLINE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	7.20 / 7.15 SLIMLINE		✓	✓	✓	✓	✓	✓	✓	✓	✓
	8.20 / 8.20 SLIMLINE			✓		✓	✓	✓	✓	✓	✓
	9.40					✓	✓	✓	✓	✓	✓
	10.20						✓	✓	✓	✓	✓
	11.80						* ✓	✓	✓	✓	✓
FAST LANE	10.30 / 12.30						* ✓	✓	✓	✓	✓
CUSTOM LENGTH POOLS	< 12.30	USE X-TRAINER COPING SPECIFICATIONS FOR EQUIVALENT LENGTH									
	> 12.30	COPING WIDTH TO BE APPROVED AT URN TO SUIT INDIVIDUAL SITE CONDITIONS *									
VOGUE	7.15 / 7.15 SLIMLINE		✓	✓	✓	✓	✓	✓	✓	✓	✓
	8.20 / 8.20 NARROW			✓		✓	✓	✓	✓	✓	✓
	9.40					✓	✓	✓	✓	✓	✓
	10.20						✓	✓	✓	✓	✓
PLUNGE POOL	2.80 / 3.80 / 5.00 / 6.20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SANCTUARY	4.80 / 6.00 NARROW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6.00 / 7.00 / 7.00 NARROW		✓	✓	✓	✓	✓	✓	✓	✓	✓
	8.20 / 8.20 NARROW			✓		✓	✓	✓	✓	✓	✓
	9.40					✓	✓	✓	✓	✓	✓
	10.60						* ✓	✓	✓	✓	✓
RELAX	4.00 / 5.20 / 6.30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPAS & WADERS		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

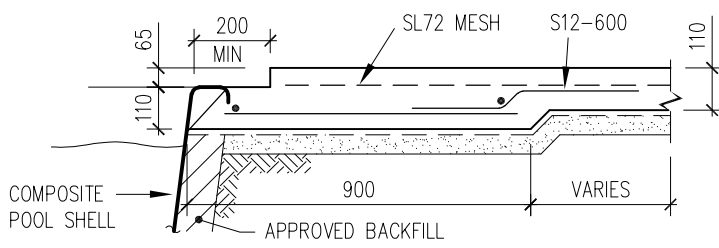
'*' NEED TO USE N16 BARS INSTEAD OF N12/S12 FOR CONCRETE SPEC. SEE 100 SERIES NOTES.

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

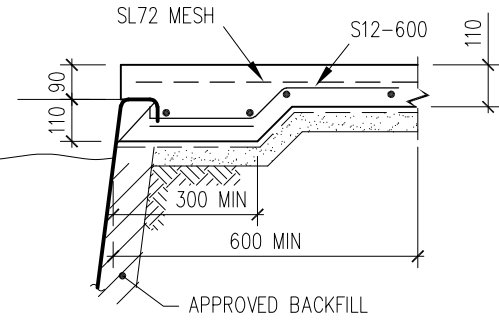
FOR POSSIBLE VARIATIONS SEE RICKARD ENGINEERING



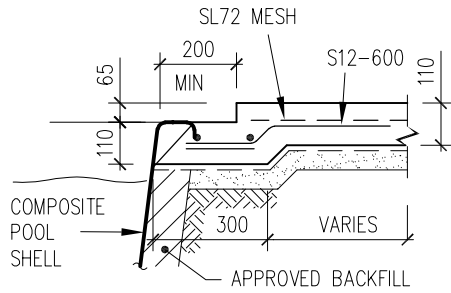
TYPE 600 AAS
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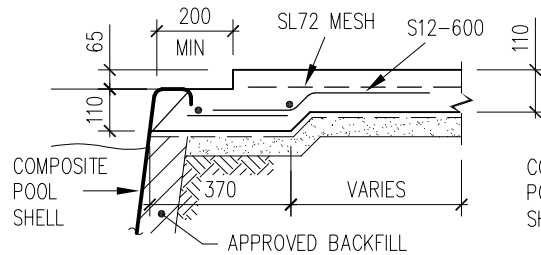
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REINFORCE WITH SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.



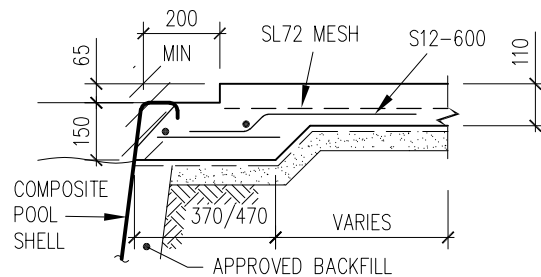
CANTILEVER COPING
REINFORCE WITH 3L8TM OR SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.



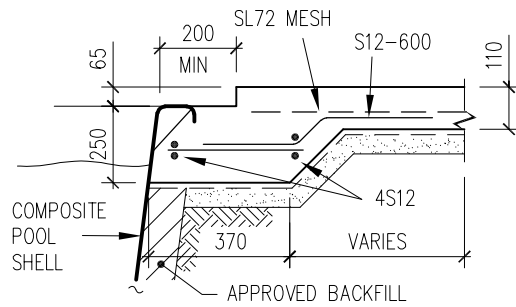
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REINFORCE WITH 3L8TM OR SL62 PLACED CENTRAL+ 2S12 CONTINUOUS AROUND POOL.



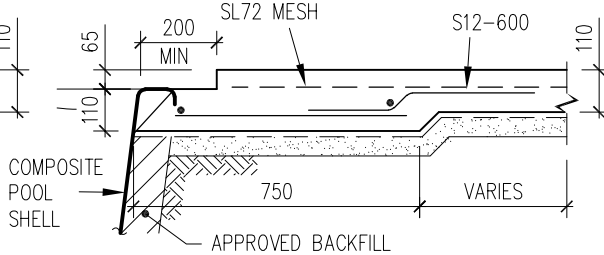
TYPE 370 AAS
REINFORCE WITH 3L8TM OR SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.



TYPE 370 AND 470 BBS
REINFORCE WITH 3L8TM OR SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.



TYPE 340-370 CCS
REINFORCE WITH 3L8TM OR SL62 PLACED CENTRAL + 4S12 CONTINUOUS AROUND POOL.



TYPE 750 AAS
REINFORCE WITH SL62 PLACED CENTRAL + 2S12 CONTINUOUS AROUND POOL.

- COPING 'TYPE 'AAS' 110mm WITH MEMBRANE
125mm WITHOUT MEMBRANE
- COPING 'TYPE 'BBS' 150mm WITH MEMBRANE
150mm WITHOUT MEMBRANE
- COPING 'TYPE 'CCS' 250mm WITH MEMBRANE
250mm WITHOUT MEMBRANE

MINIMUM WIDTH OF COPING TO BE MAINTAINED AROUND SKIMMER BOX

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QLD: RPEQ 2485 VIC: PE0003927 NSW: NPER 73285 NZ: PSA3584

STEPPED COPINGS

[Signature]

Designed CER
Drawn AES

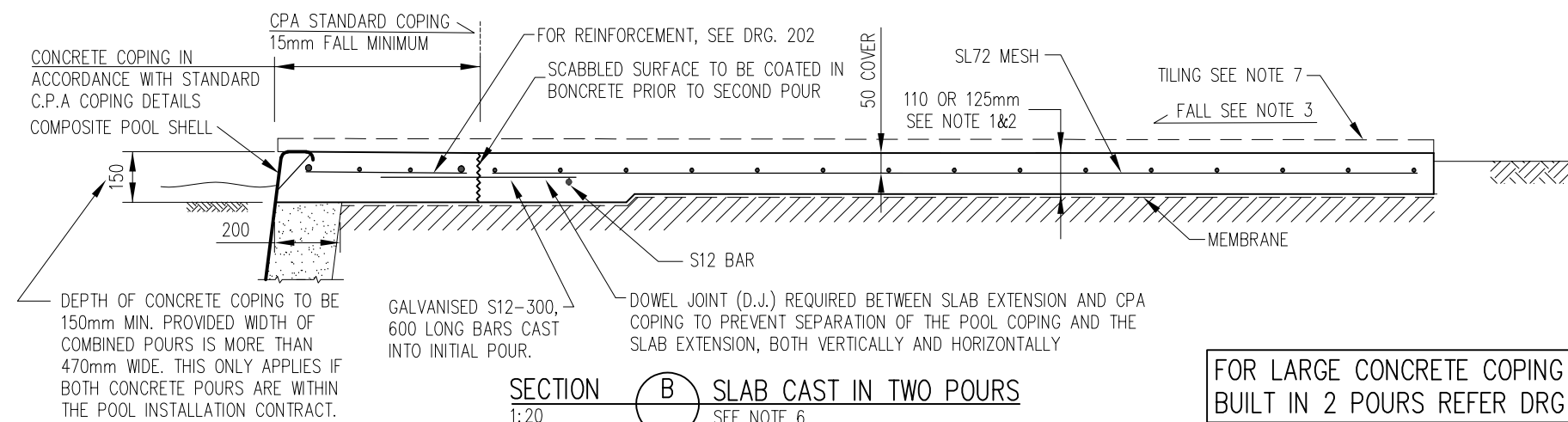
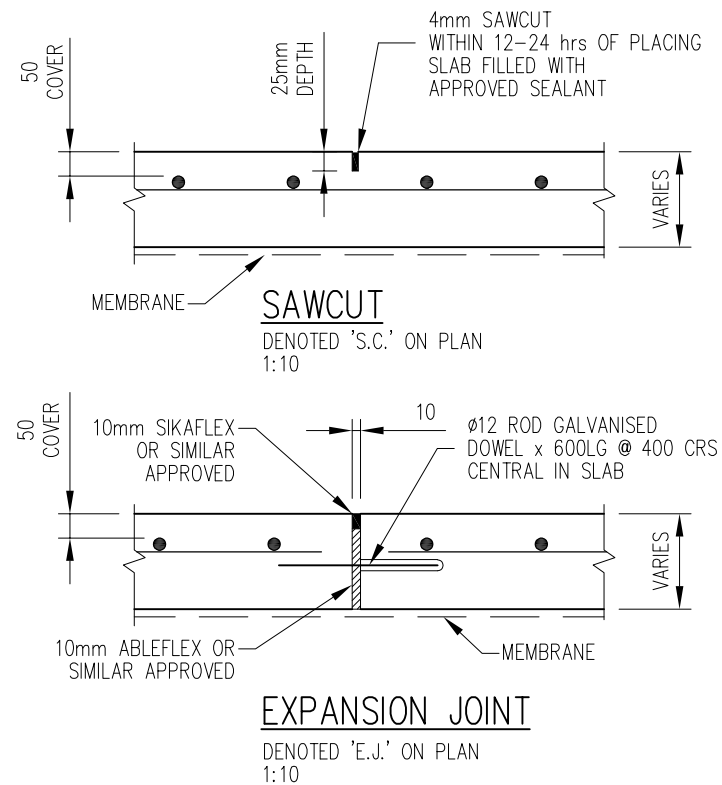
203T

CLIENT: _____
ADDRESS: _____

Date

Approved

Job No.



FOR LARGE CONCRETE COPING
BUILT IN 2 POURS REFER DRG 211.

- Live loading. 2kPa as per AS1838. Allowance for finishes 1 kPa.
- All top soil and areas of fill must be removed down to natural ground in order to achieve uniform bearing. Infill material to suit final levels must be granular fill such as sand cement 1:20 mix, 5% moisture compacted in 150mm layers with six passes of 75kg vibrating plate compactor or similar approved. Natural uniform bearing very important plus falls for drainage. For details of slab design see section A. 110mm slab on membrane (125mm slab with no membrane) and 25mm sand below reinforcement with SL72 mesh top (50 cover). For grade of concrete, see 100 series drawings, all in accordance with AS3600.
- Recommended 1 way fall 1:75 Recommended 2 way fall 1:100
- It is important to agree drainage design prior to finalising concrete design. Drainage points set within concrete concourse will need to consider 2 way falls, unless otherwise agreed.
- Details included here must be read in conjunction with all other Compass Pools drawings relevant to the particular installation. In particular refer to 800 series drawings.
- Should variation be proposed to installation nominated on the standard compass pool drawings, specific approval should be sought from the certifying engineer.
- A common method of construction is for the pool installer to build a standard minimum coping and for a second contractor to complete the extension of the concrete works as a separate contract. For a slab on ground without piercing, the basic reinforcement as shown on standard Compass Pools drawing 202 is required. It is important that both slabs are tied together to prevent vertical and horizontal separation of the two pours. Refer to Compass Pools drawing 211. If both pours are within the same pool installation contract, refer to Section B for detail.
- This drawing makes a recommendation for crack control joints in an extended concrete slab. When the concrete slab is cast in two pours, a construction joint is automatically created between the two pours. The indicative joint pattern shown on this drawing should be reviewed on each specific project since it will vary with slab size. For advice refer to engineer. The addition of the finishes e.g. tiling on a cementitious bed will require its own jointing pattern, coordinated with joints of the concrete slab and requirements of AS3958.2007. An indicative requirement to joints at 3m centres each way. See standards.
- Where the overall length of a slab exceeds 16m, a c.j. (construction joint) will need to be changed to an e.j. (expansion joint). The indicative joint pattern shown on this drawing should be reviewed on each specific project since it will vary with slab size. For advice refer to engineer. The addition of the finishes e.g. tiling on a cementitious bed will require its own jointing pattern, coordinated with joints of the concrete slab.


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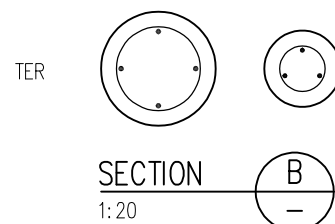
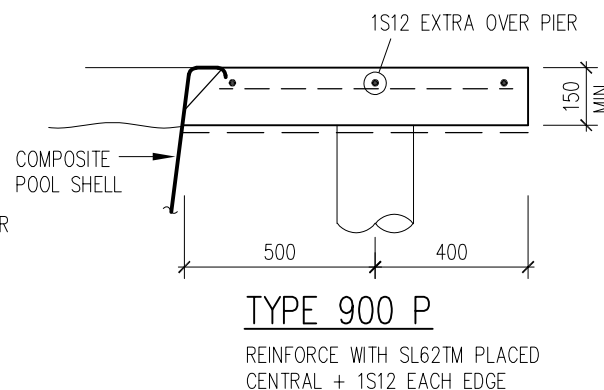
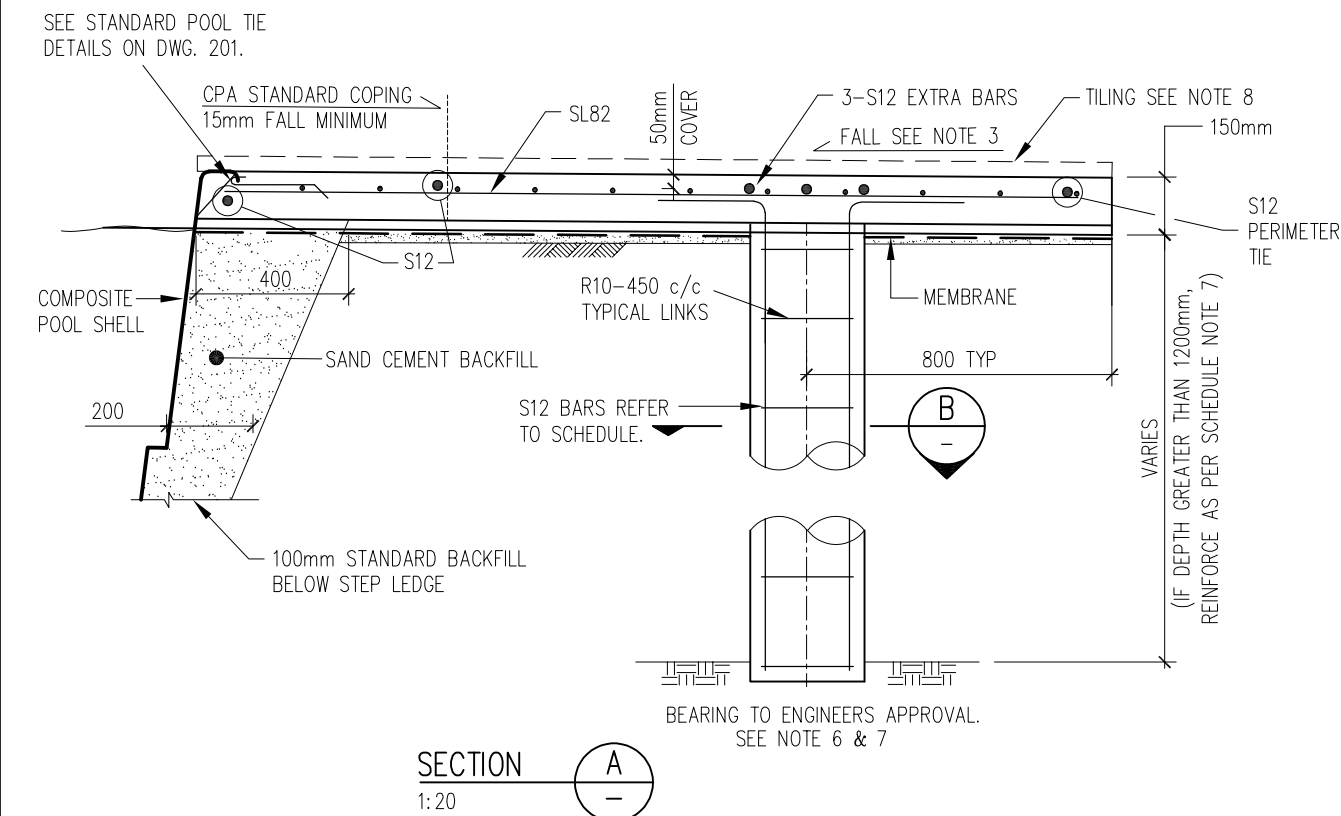


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Job No.

204R





REFER TO NOTE 7 TABLE FOR REINFORCEMENT
TYPICAL PIER REINFORCEMENT LAYOUT
 (FOR PIERS GREATER THAN 1200 DEEP)

- Live Loading. 2kPa as per AS1838.
Allowance for finishes 1 kPa.
- Refer to drawing 223.
- Recommended 1 way fall 1:75
Recommended 2 way fall 1:100
- It is important to agree drainage design prior to finalising concrete design.
Drainage points set within concrete concourse will need to consider 2 way falls, unless otherwise agreed.
- Details included here must be read in conjunction with all other Compass Pools drawings relevant to the particular installation. In particular refer to 800 series drawings. Top cover 50mm
- Should variation be proposed to installation nominated on the standard compass pool drawings, specific approval should be sought from the certifying engineer.
- Piers are required for sites with non uniform bearing, subject to engineer design. For piers less than 1200mm deep, no reinforcement is required. For details of piers see note 7. For details of slab design see section A. 125mm min slab on membrane and 25mm sand, reinforce with SL82 mesh 50 cover (top), plus extra bars over piers as nominated. For grade of concrete, see 100 series drawings, all in accordance with AS3600. pier layout can vary according to pool size and shape subject to engineering approval.

TYPE	SOIL	BEARING PRESSURE (kPa)	PIER DIAMETER (mm)	PIER REINFORCEMENT IF > THAN 1200 DEPTH
370 P	SAND/ FILL	100	N/A	
	CLAY	200	200	3S12
	SHALE	400	150	3S12
600 P	SAND/ FILL	100	300	4S12
	CLAY	200	200	3S12
	SHALE	400	150	3S12
750 P	SAND/ FILL	100	300	4S12
900 P	CLAY	200	200	3S12
	SHALE	400	150	3S12
> 900	SAND/ FILL	100	450	4S12
	CLAY	200	300	4S12
	SHALE	400	250	3S12

Refer also drawing 204 for pier details. S12 bars are a special reinforcing bar produced for the domestic pool market, grade 250.

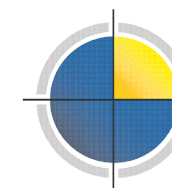
- ## 8. NEED FOR JOINTS

Individual contractors may wish to introduce joints during construction into a pierced concrete slab. This is allowed subject to engineers approval. Attention is drawn to AS3958.2007. Tiling on a cementitious bed will require its own jointing pattern, co-ordinated with joints of the concrete slab and requirements of AS3958.2007. An indicative requirement to joints at 3m centres each way. See standard.

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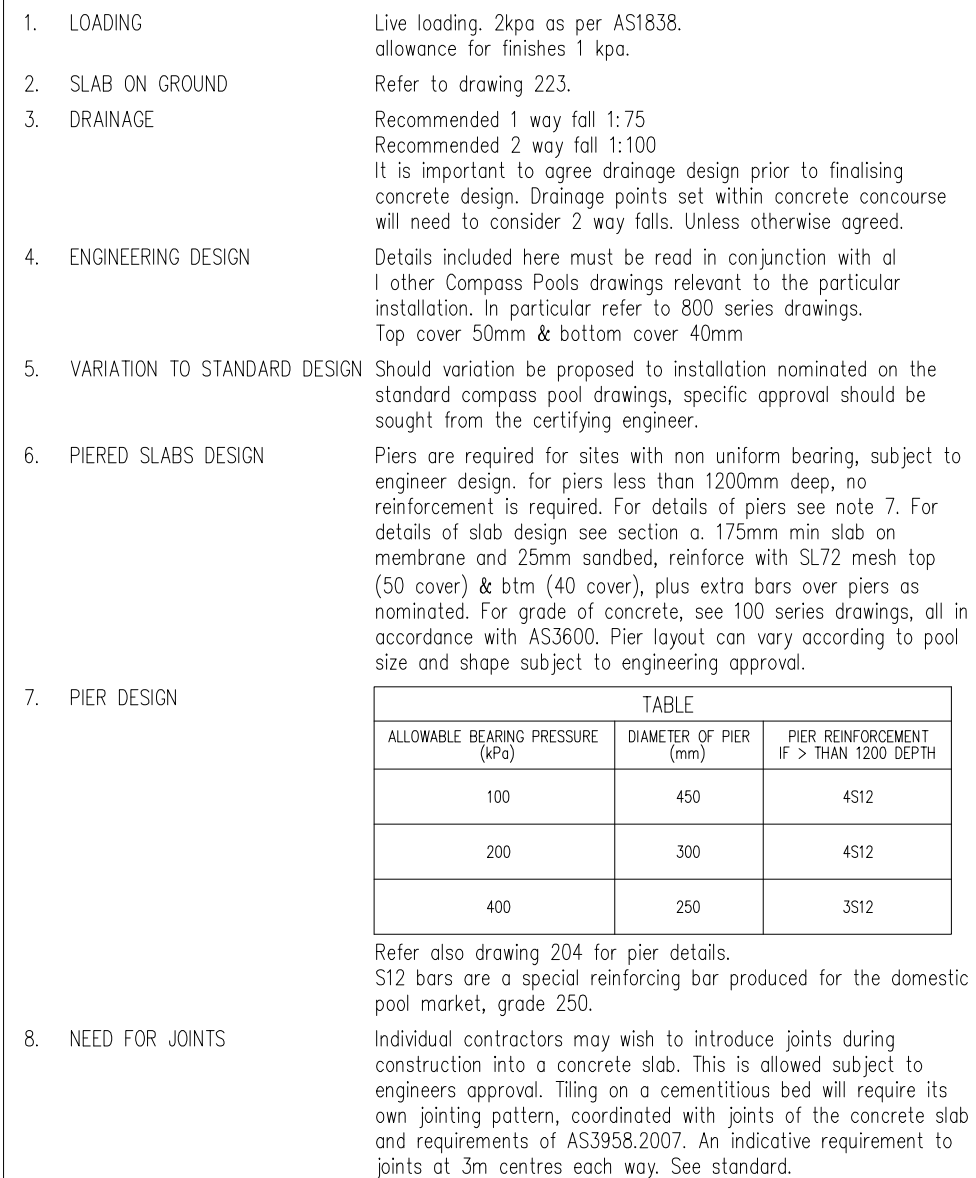
CONCRETE PIERED COPINGS UP TO 2.7m

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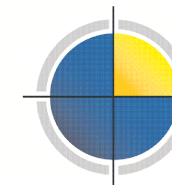
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CONCRETE PIERED COPINGS OVER 2.7m

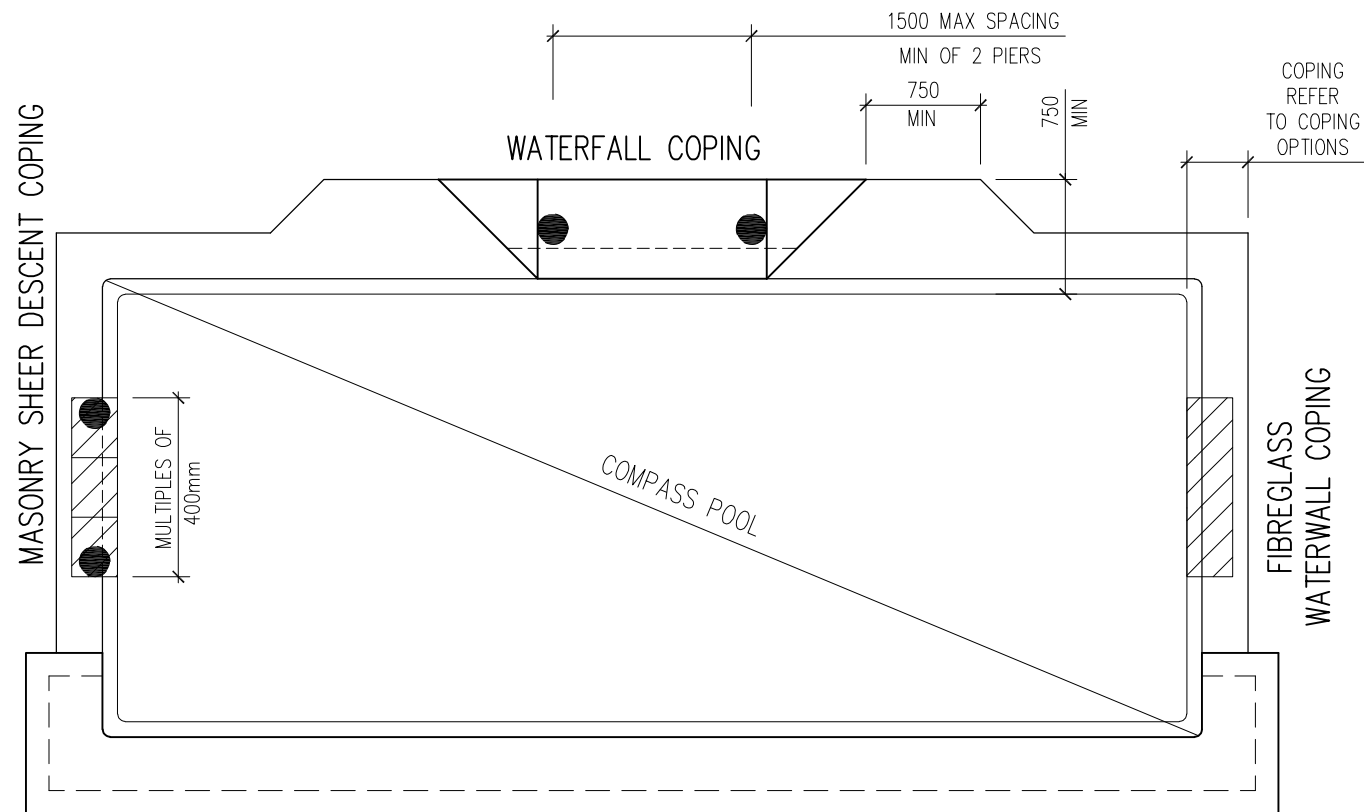
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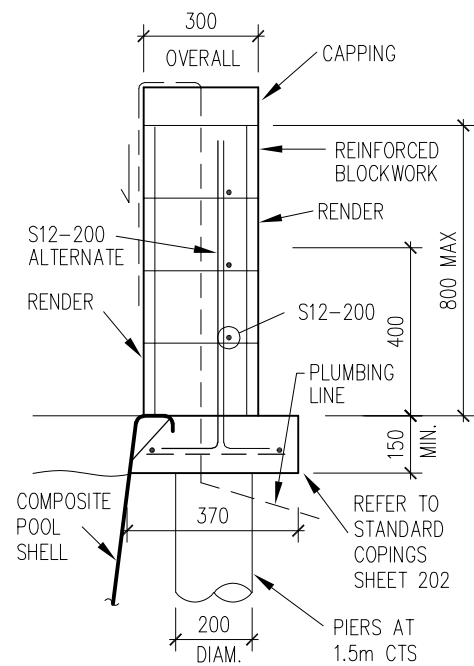
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A3 SHEET

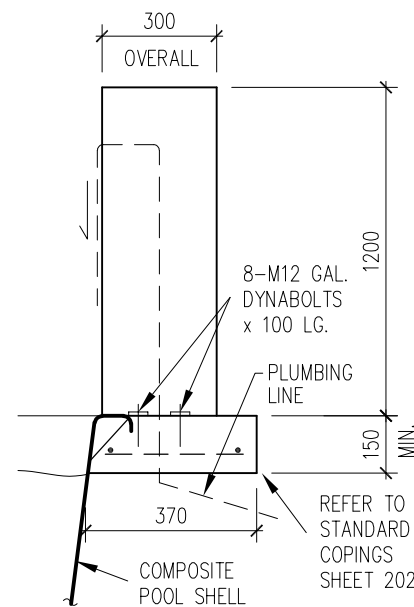


OUT OF GROUND COPING

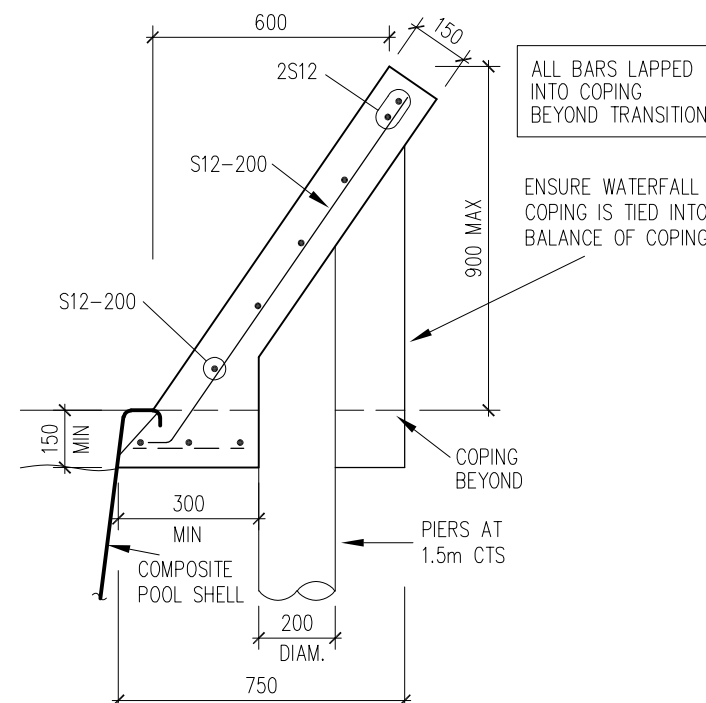
PLAN INDICATING 4 FEATURE COPINGS



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DESCENT COPING

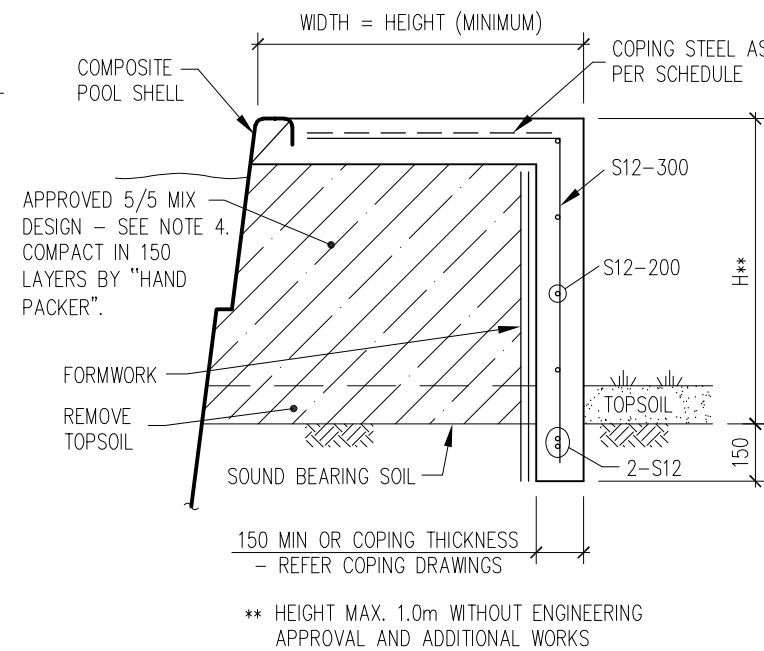


FIBREGLASS WATERWALL COPING

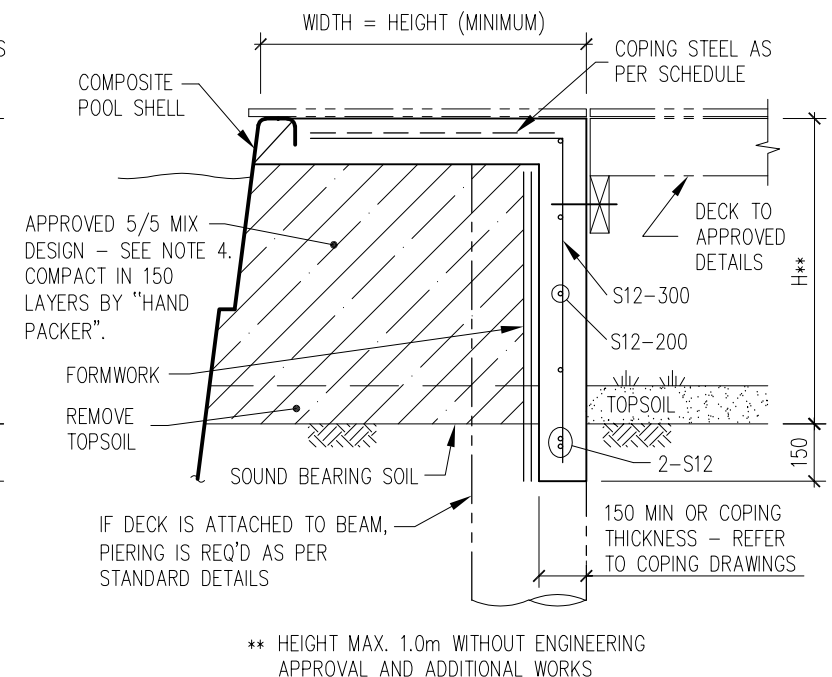


WATERFALL COPING

ENSURE ALL WATERFALL COPINGS ARE
TIED INTO BALANCE OF COPING.



OUT OF GROUND COPING



OUT OF GROUND COPING WITH ATTACHED DECK

NOTES:

- 1) BEARING TO ENGINEERS APPROVAL.
- 2) CONCRETE SPECIFICATION SEE 100 SERIES NOTES.
- 3) ENGINEERING RECOMMENDATIONS TO BE READ IN CONJUNCTION WITH ENGINEERING INSTRUCTIONS FOR INSTALLATION 800 SERIES DRAWINGS.
- 4) THE APPROVED 5/5 MIX DESIGN COMPRISES 5% MOISTURE AND 1:20 CEMENT SAND BACKFILL.

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SPECIAL FEATURES SHEET 1

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207R

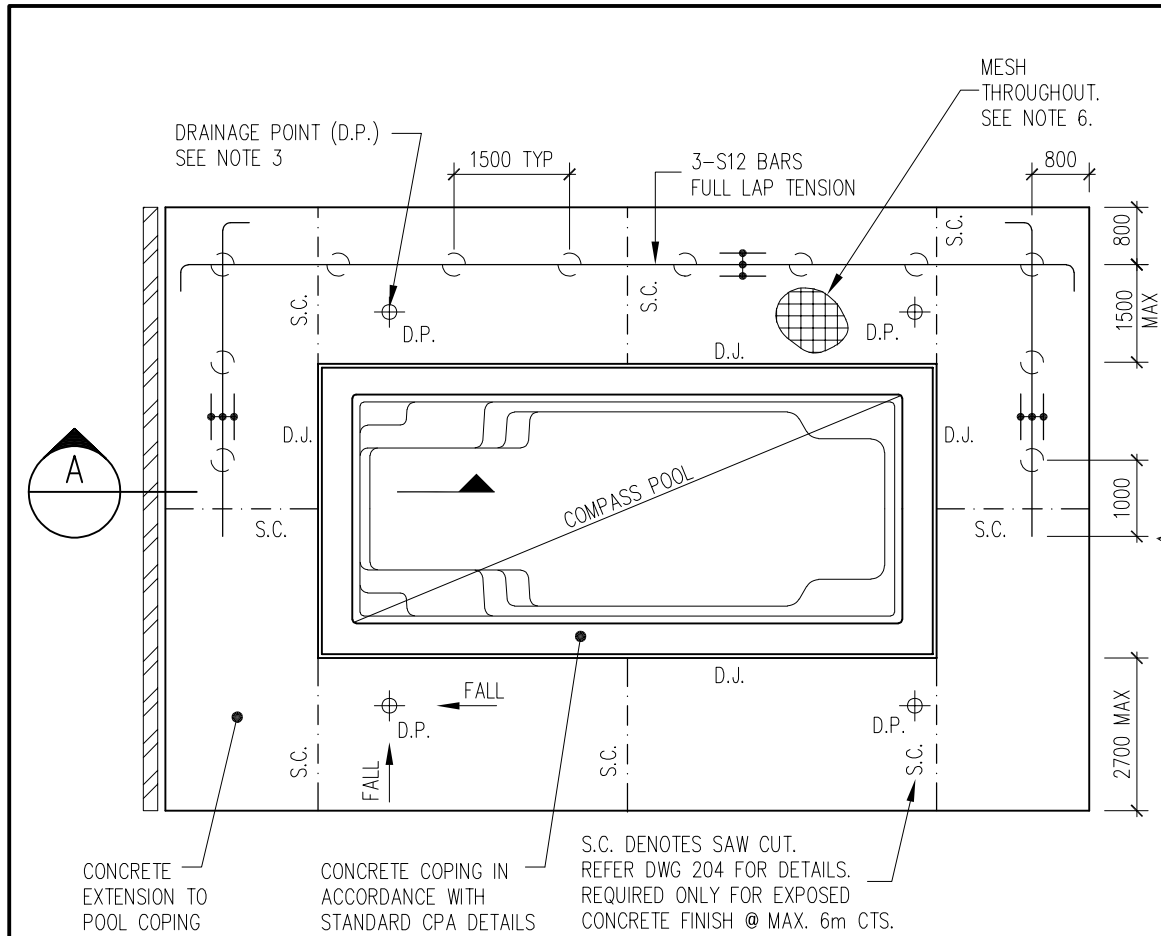
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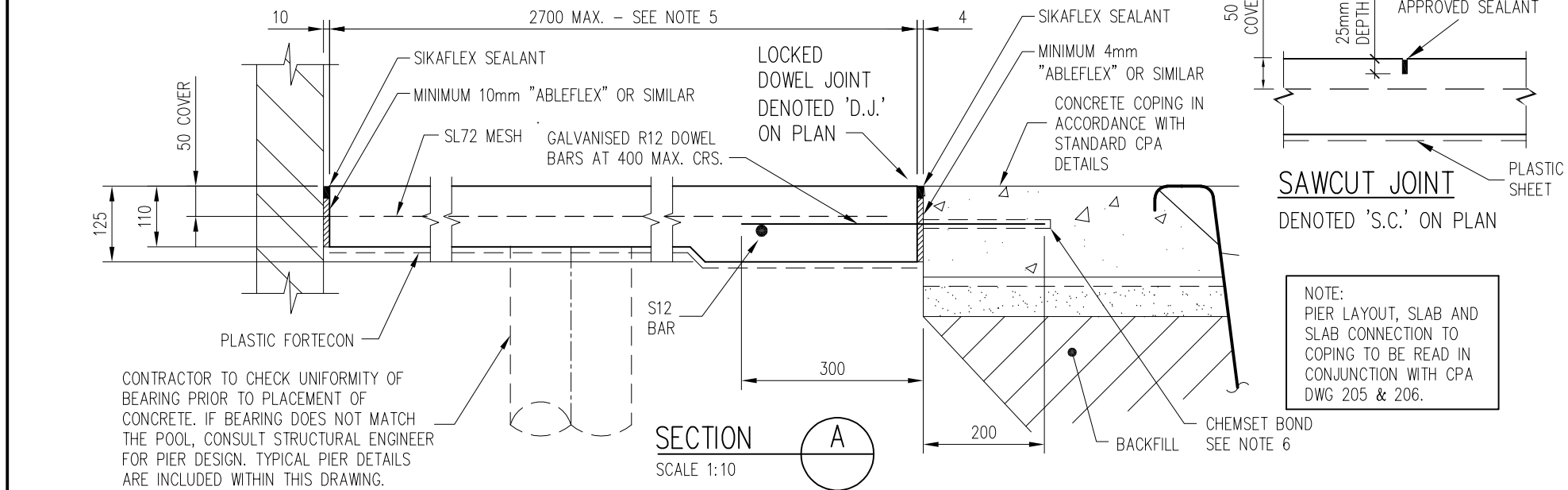
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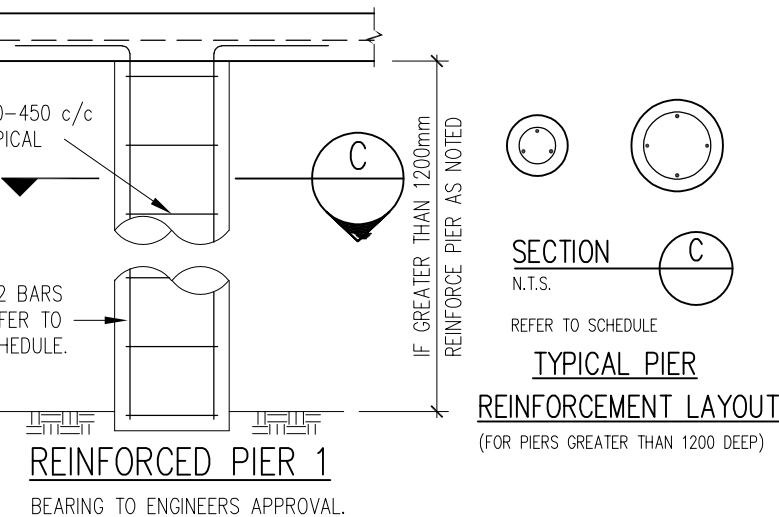
TYPICAL PLAN - COPING EXTENSION

SCALE 1:100

NOTE: IF CONCRETE COPING EXTENSION EXCEEDS 2.7m, CONSULT STRUCTURAL ENGINEER FOR DETAILS. ENSURE UNIFORMITY OF BEARING.



PIER SIZES		
BEARING PRESSURE (kPa)	DIAMETER (mm)	REINFORCEMENT IF > THAN 1200 DEPTH
100	450	4S12
200	300	4S12
400	250	3S12



- LOADING
Live loading. 2kPa as per AS1838. Allowance for finishes 1 kPa.
- SLAB ON GROUND
All top soil and areas of fill must be removed down to natural ground in order to achieve uniform bearing. infill material to suit final levels must be granular fill such as sand cement 1:20 mix, 5% moisture compacted in 150mm layers with six passes of 75kg vibrating plate compactor or similar approved. natural uniform bearing very important plus falls for drainage. For details of slab design see section A. 110mm slab on membrane (125mm slab with no membrane) and 25mm sand below reinforce with SL72 mesh top (50 cover). For grade of concrete, see 100 series drawings, all in accordance with AS3600.
- DRAINAGE
Recommended 1 way fall 1:75 Recommended 2 way fall 1:100 It is important to agree drainage design prior to finalising concrete design. Drainage points set within concrete concourse will need to consider 2 way falls. unless otherwise agreed.
- ENGINEERING DESIGN
Details included here must be read in conjunction with all other Compass Pools drawings relevant to the particular installation. In particular refer to 800 series drawings.
- VARIATION TO STANDARD DESIGN
Should variation be proposed to installation nominated on the standard compass pool drawings, specific approval should be sought from the certifying engineer.
- CONSTRUCTION OF CONCRETE SLAB IN 2 POURS
A common method of construction is for the pool installer to build a standard minimum coping and for a second contractor to complete the extension of the concrete works as a separate contract. For a slab on ground without piercing, the basic reinforcement as shown on standard Compass Pools drawing 202 is required, even when the whole slab is cast in one pour. It is important that both slabs are tied together to prevent vertical and horizontal separation of the two pours.
- JOINTS
This drawing makes a recommendation for crack control joints in an extended concrete slab. when the concrete slab is cast in two pours. A construction joint is automatically created between the two pours. The indicative joint pattern shown on this drawing should be reviewed on each specific project since it will vary with slab size. For advice refer to engineer. The addition of the finishes e.g. tiling on a cementitious bed will require its own jointing pattern, coordinated with joints of the concrete slab and requirements of AS3958.2007. An indicative requirement to joints at 3m centres each way. See standards.
- EXPANSION JOINTS
Where the overall length of a slab exceeds 16m, a c.j. (construction joint) will need to be changed to an e.j. (expansion joint). The indicative joint pattern shown on this drawing should be reviewed on each specific project since it will vary with slab size. for advice refer to engineer. The addition of the finishes e.g. tiling on a cementitious bed will require its own jointing pattern, coordinated with joints of the concrete slab.

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EXTENSION TO CONCRETE COPING

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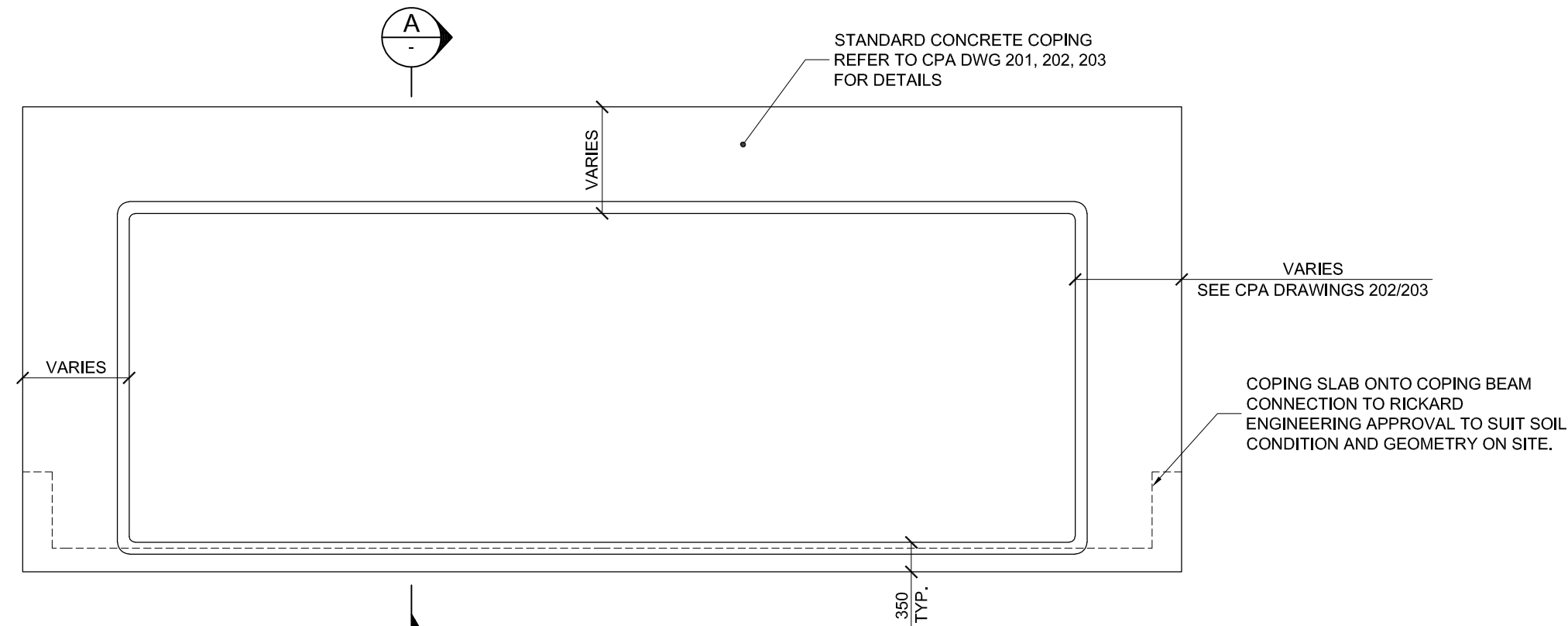
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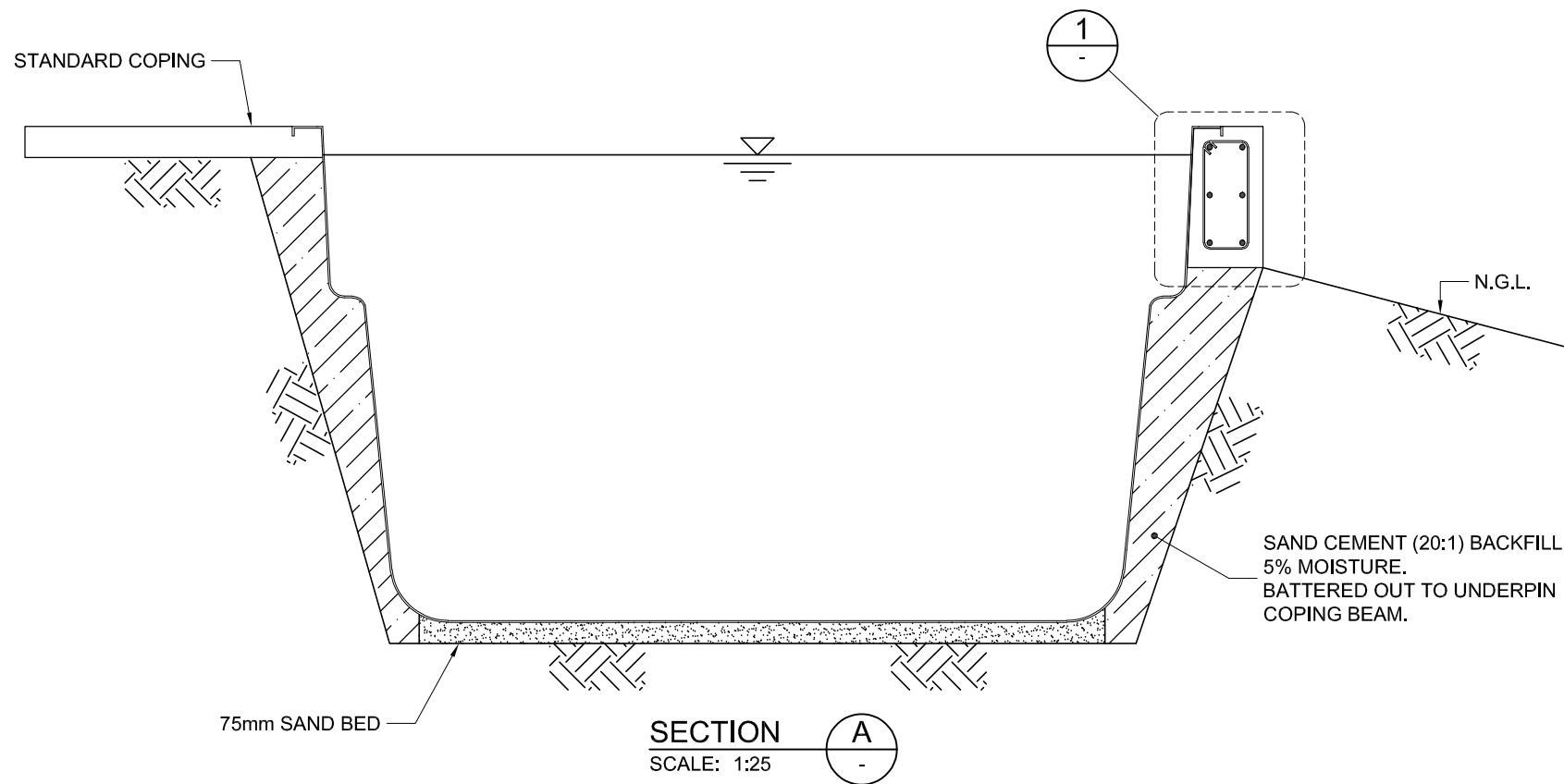
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A3 SHEET



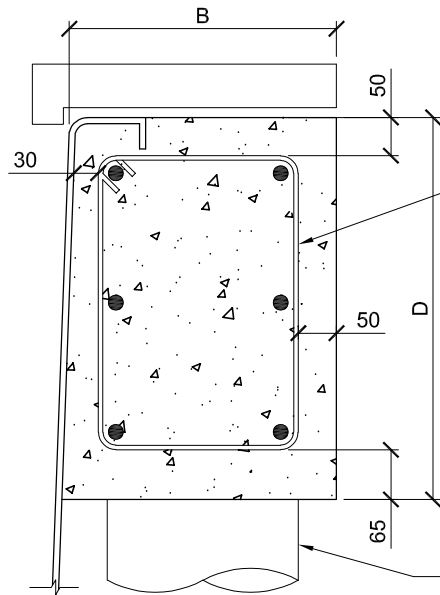
TYPICAL PLAN
SCALE: 1:50



SECTION
SCALE: 1:25

NOTES:

CONCRETE COPING BEAM IS ONLY SUITABLE FOR POOLS UP TO 12.3m IN LENGTH. FOR POOLS WITH LENGTHS GREATER THEN 12.3m REFER TO RICKARD ENGINEERING FOR APPROVAL.



DETAIL
SCALE: 1:10

POOL LENGTH	COPING BEAM		REINFORCEMENT
	B (mm)	D (mm)	
UP TO 6m	270	250	4-S12 + R6 Ties @ 250 cts.
UP TO 8.2m	270	400	6-S12 + R6 Ties @ 250 cts.
UP TO 12.3m	350	500	8-S12 + R6 Ties @ 250 cts. with piers

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**EDGE BEAM COPING
STANDARD DETAILS**

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