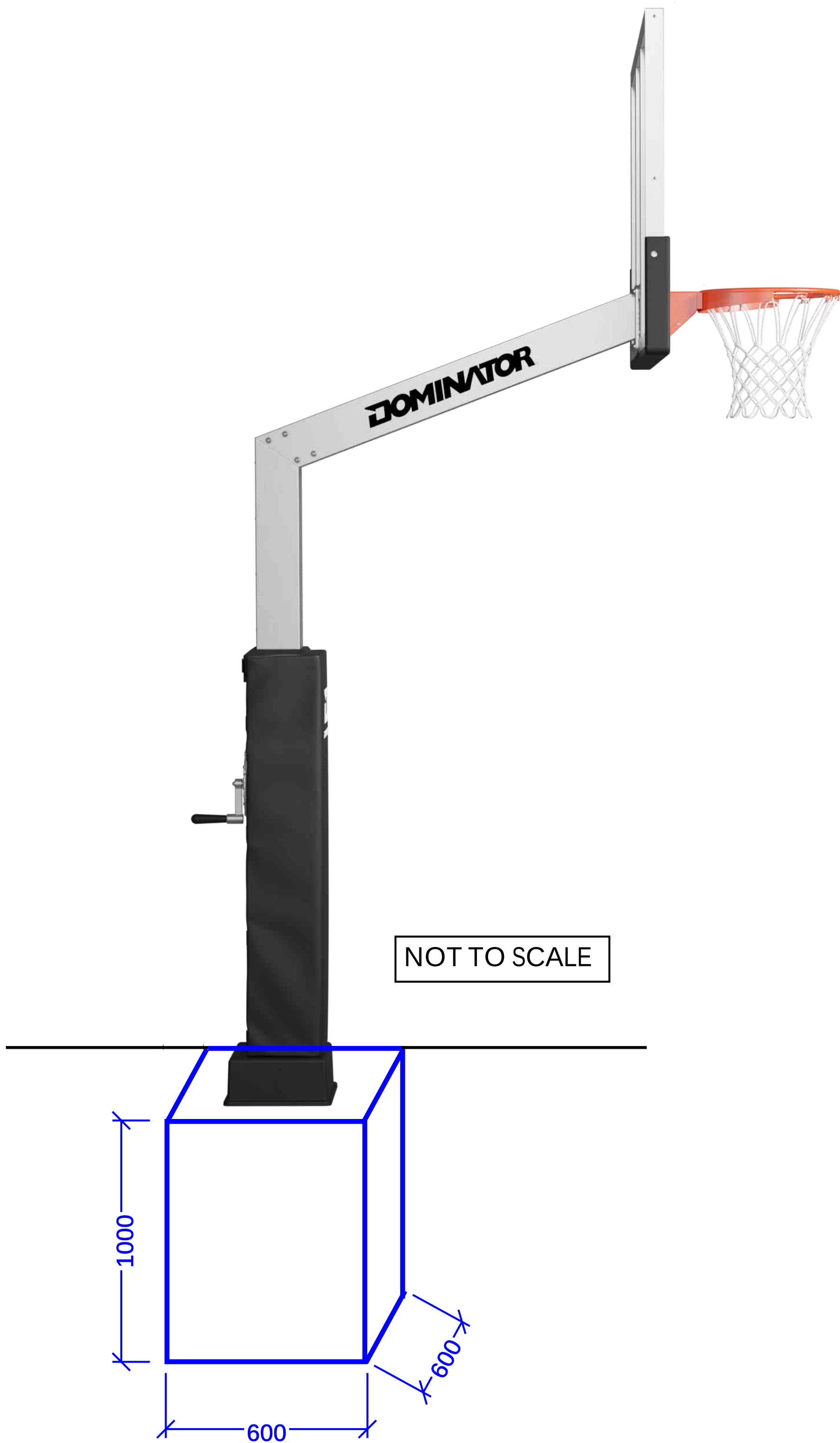


BASKETBALL FOOTING DESIGN 1

SUITABILITY:

SUITABLE FOR USE IN UNDISTURBED CLAY SOILS

(ASSUMED MINIMUM COHESION OF 20kPa -
- TO BE CONFIRMED ON SITE)

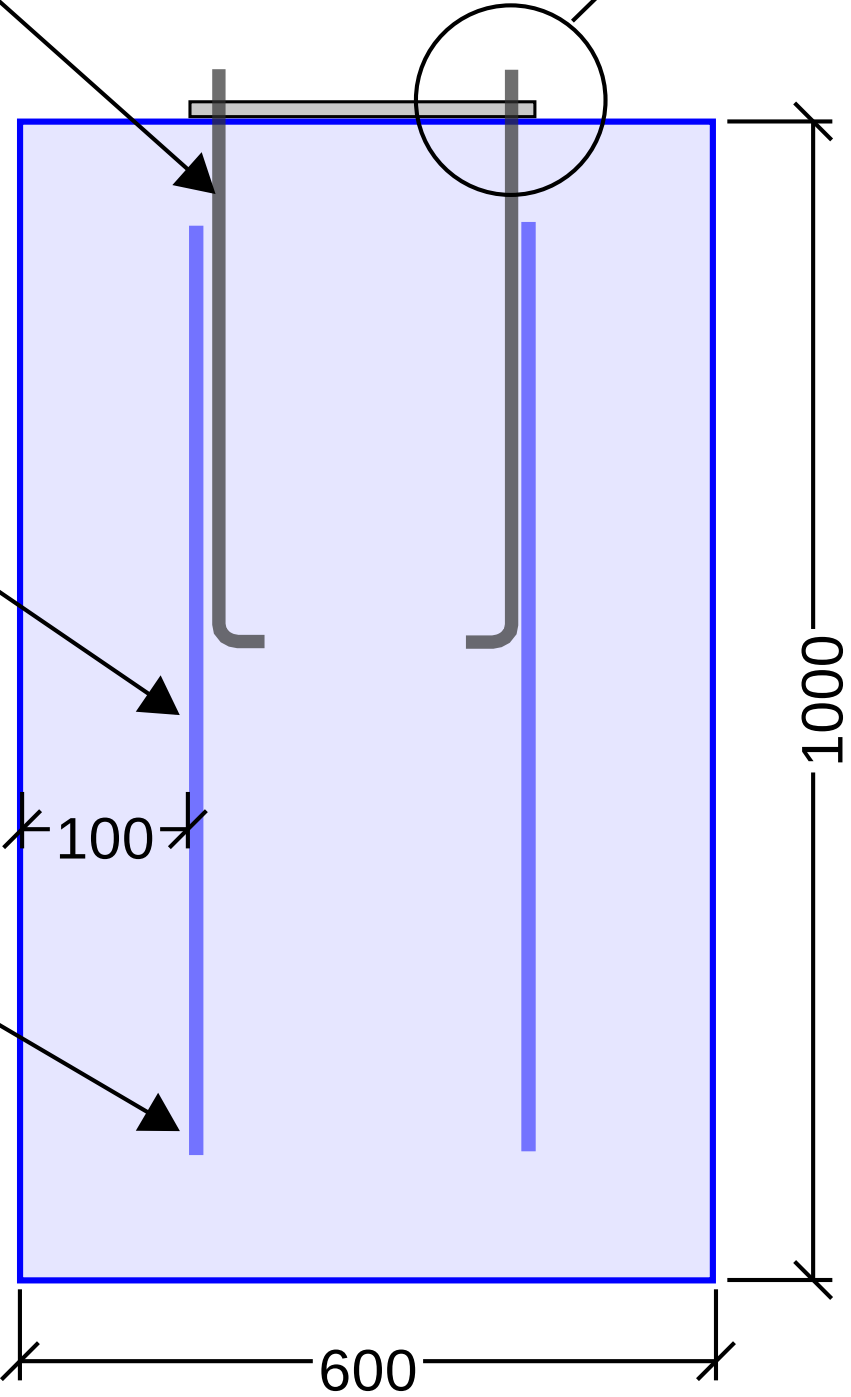


M16 CAST-IN ANCHOR BOLTS OR
M16 BOLTS DRILL AND EPOXY
FIXED WITH MIN. 350mm
EMBEDMENT INTO CONCRETE

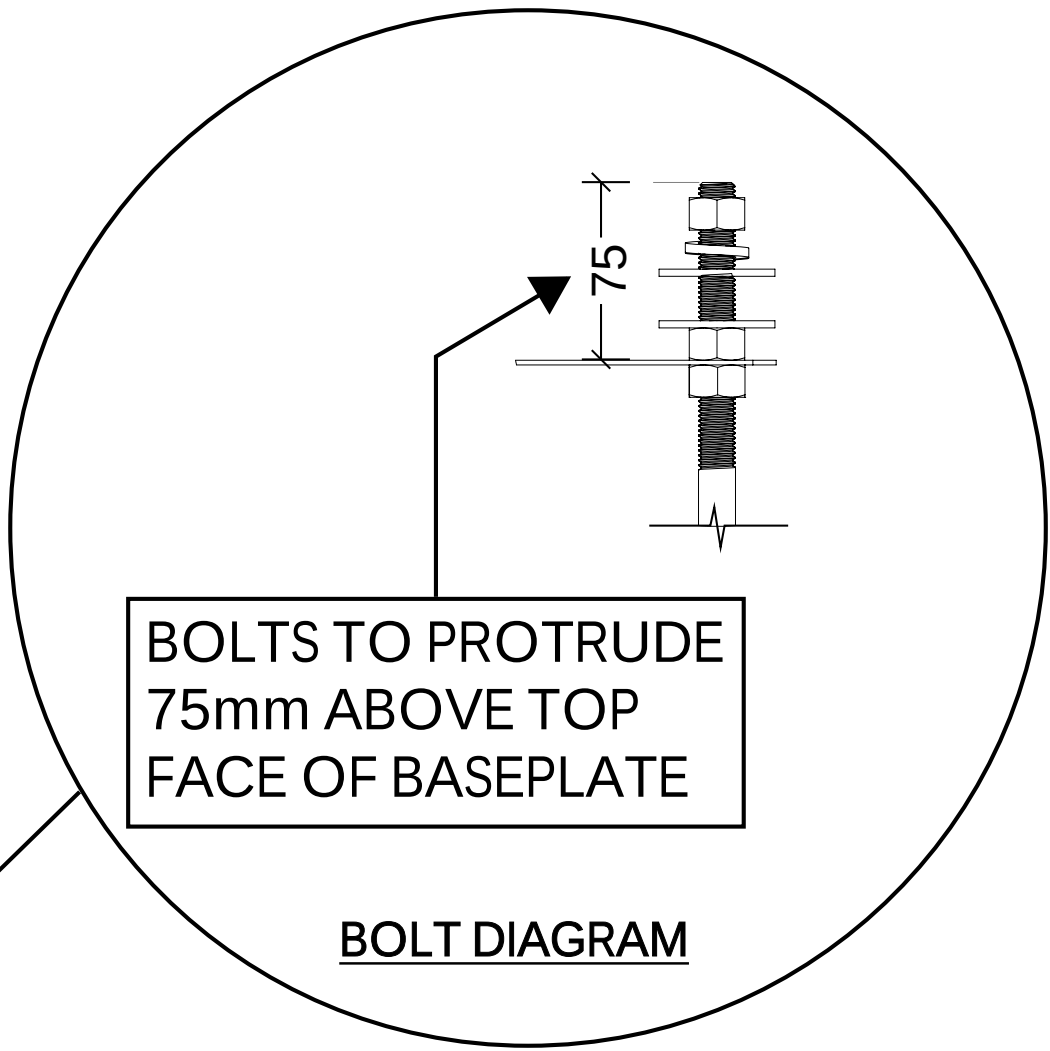
4 x VERTICAL
REINFORCEMENT BARS
MIN. SIZE = N12
EDGE DISTANCE = 100mm

MIN. GRADE OF CONCRETE
FOOTING = 32 MPa

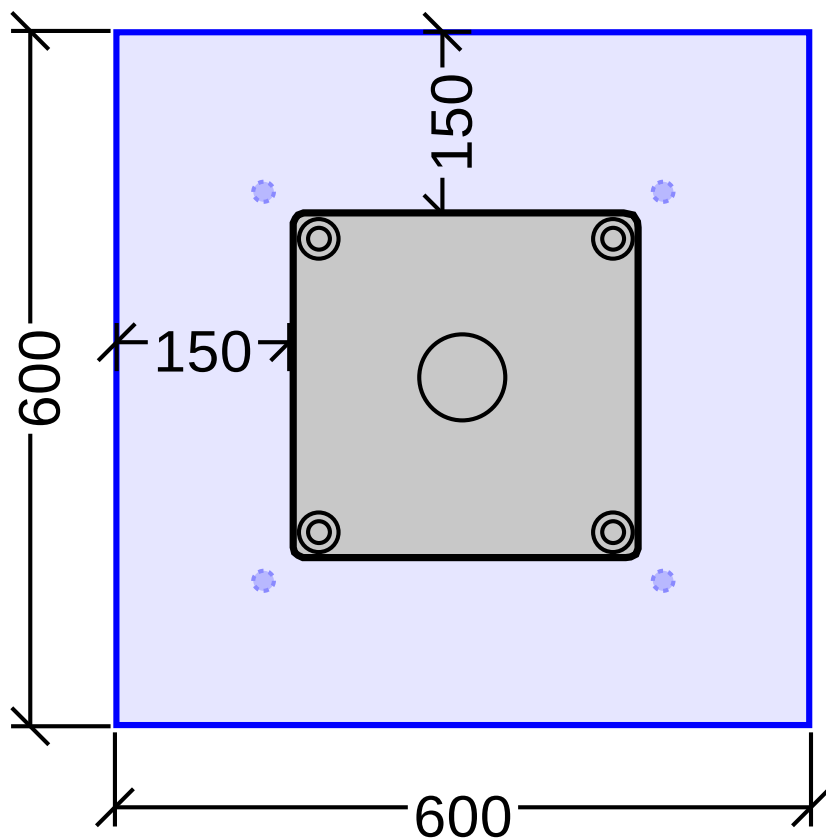
ALL MEASUREMENTS
ARE IN MILLIMETERS



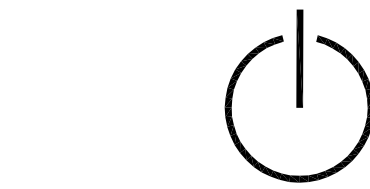
FOOTING SECTION



BOLT DIAGRAM



FOOTING PLAN



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NOTES:

DRILL & EPOXY FIXINGS TO USE
CHEMSET REO 502 PLUS EPOXY
INSTALLED AS PER
MANUFACTURERS
INSTRUCTIONS

ALL BOLTS TO BE MINIMUM
GRADE 5.8

ALL HOLD DOWN BOLTS TO BE
GALVANISED OR PROVIDED
WITH SUITABLE ALTERNATIVE
CORROSION PROTECTION

GROUND CONDITIONS TO BE
CONFIRMED BY A QUALIFIED
PERSON FOR EACH
INSTALLATION SITE

GROUND CONDITIONS AT BASE
OF FOOTING TO BE SOLID
MATERIAL. IF REQUIRED REMOVE
AND REPLACE ANY LOOSE SOIL
WITH BLINDING OR
COMPACTED SUBSTRATE

ANY BACKFILL REQUIRED
AROUND THE FOOTINGS MUST
BE COMPACTED

C2	IFC FOOTING DESIGN	CH	SC	19/12/2024
C1	IFC FOOTING DESIGN	CH	SC	11/12/2024
P1	PRELIM FOOTING DESIGN ISSUE	CH	SC	08/12/2024
REV	DESCRIPTION	BY	APP	DATE



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CLIENT

DOMINATOR

ARCHITECT

PROJECT

DOMINATOR TYPICAL
FOOTING DESIGN

DRAWING TITLE
BASKETBALL TYPICAL FOOTING
DESIGN OPTION 1

SCALE NOT TO SCALE

DISCIPLINE STRUCTURAL

STATUS CONSTRUCTION

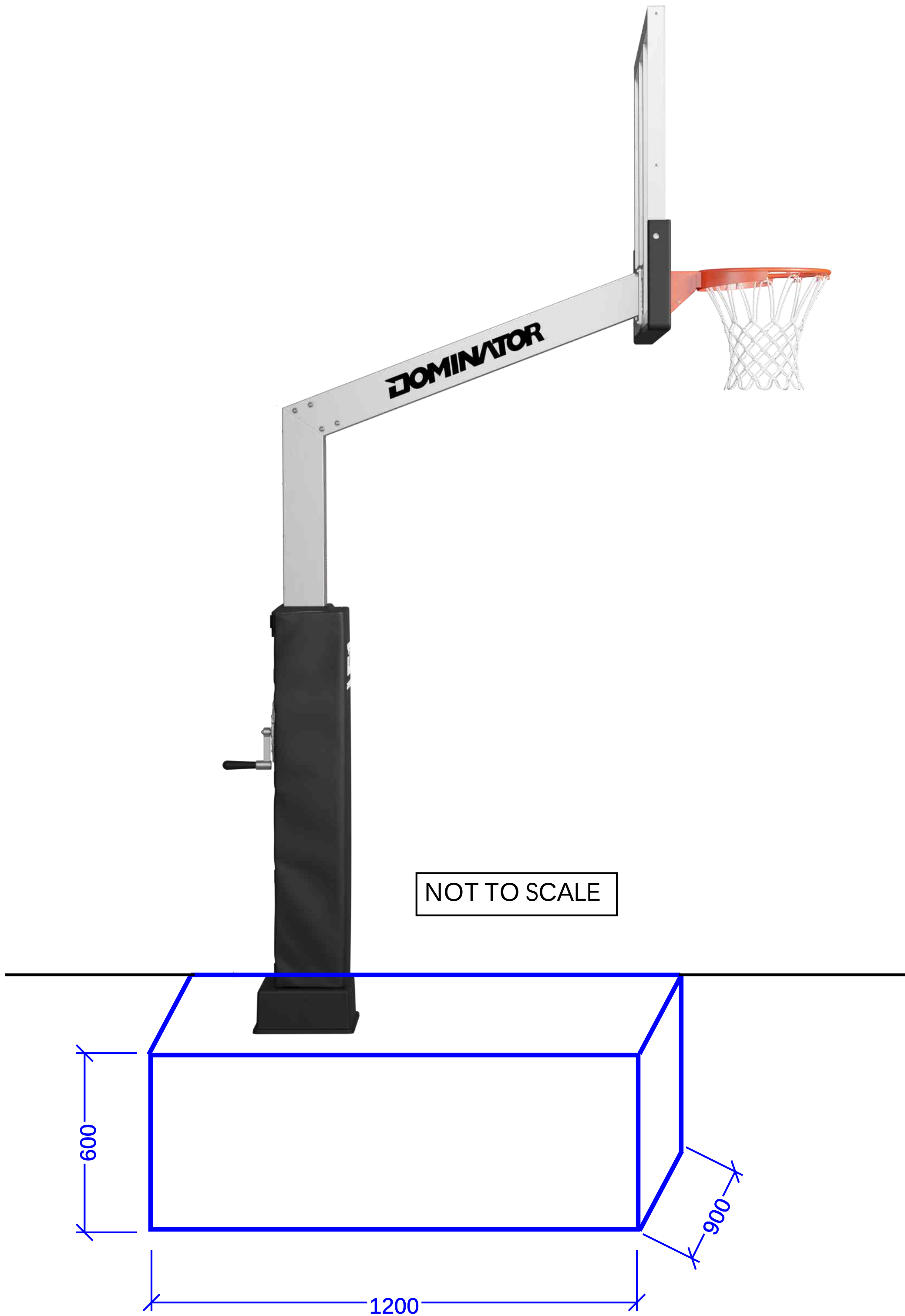
PROJECT No		REV
FD1183		
DRAWING No		
SDA002.10		C2

BASKETBALL FOOTING DESIGN 2

SUITABILITY

SUITABLE FOR USE IN WEAK SOILS/FILL MATERIAL

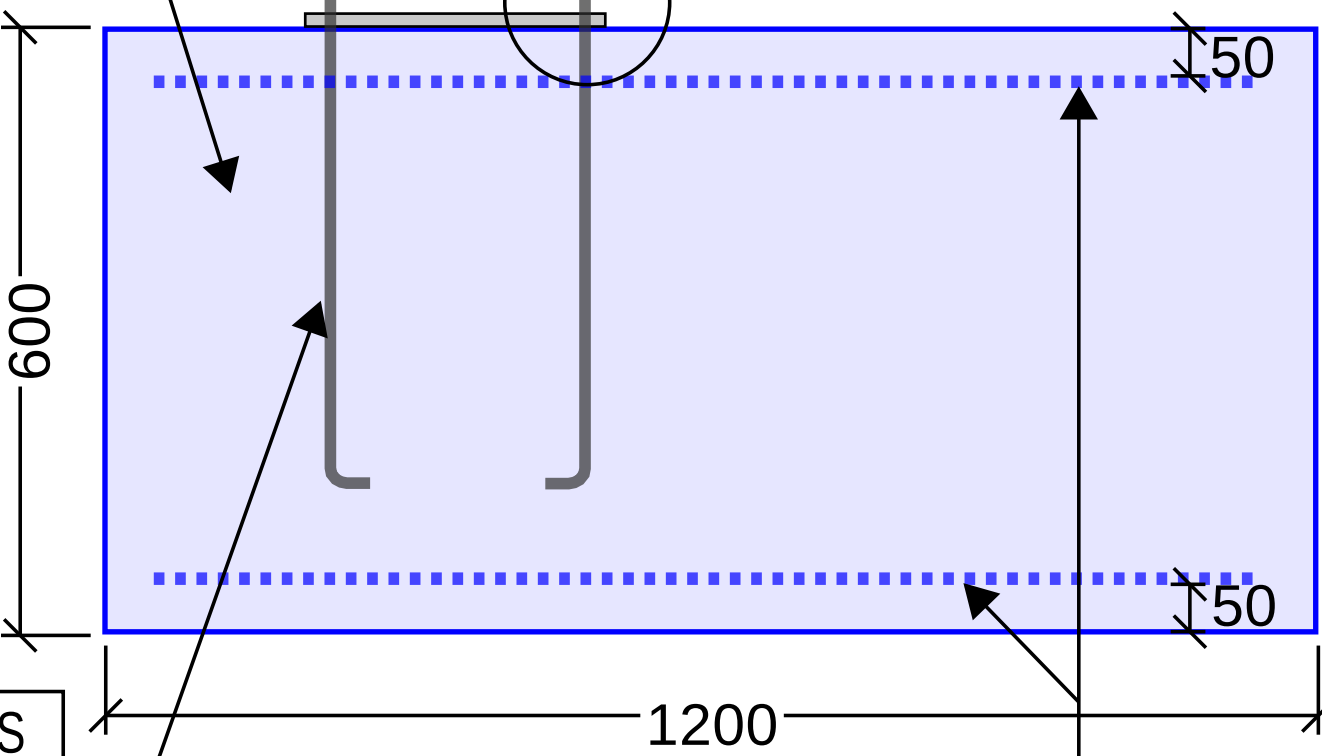
(ASSUMED MINIMUM BEARING CAPACITY OF 50kPa
- TO BE CONFIRMED ON SITE)



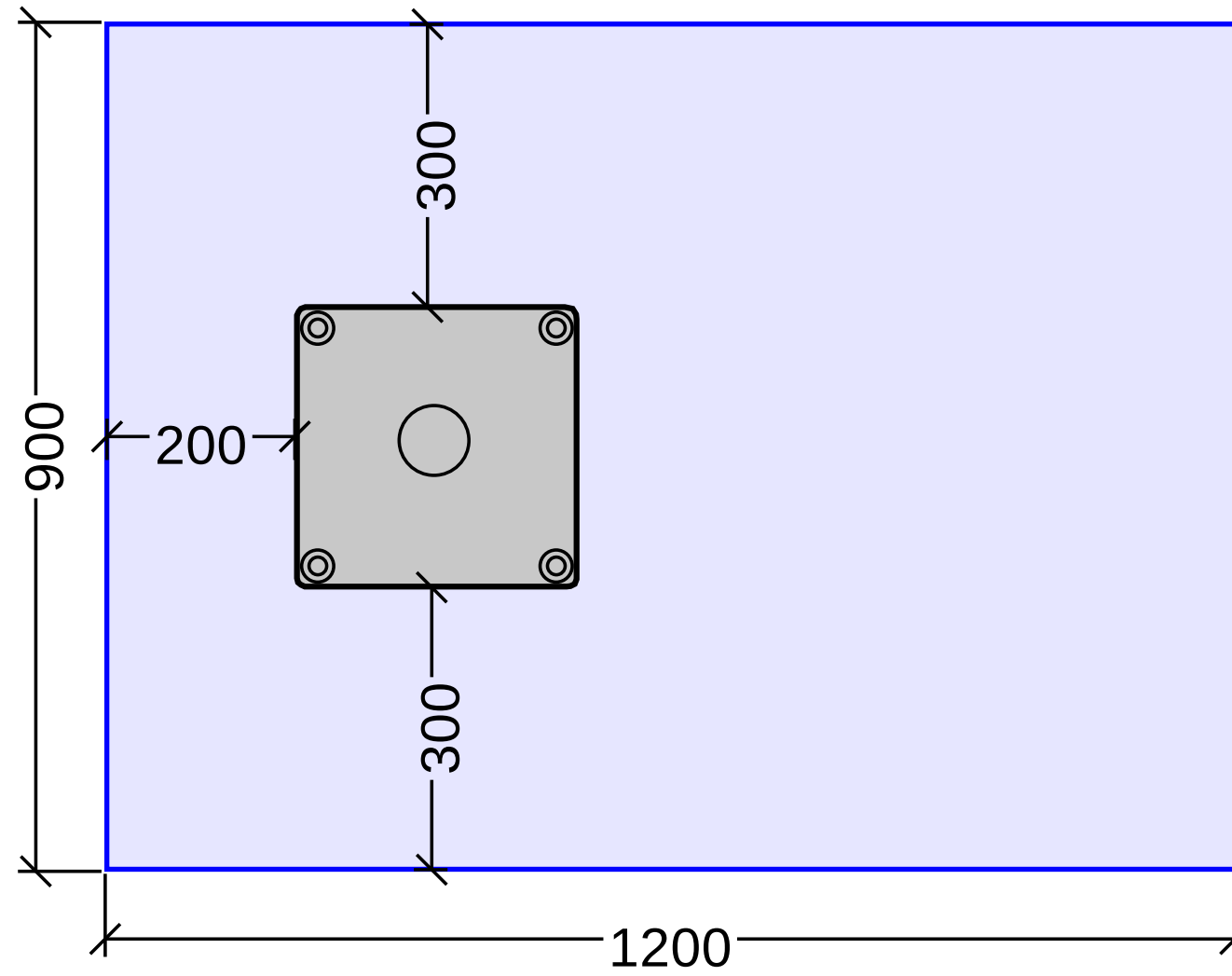
MIN. GRADE OF CONCRETE
FOOTING = 32 MPa

M16 CAST-IN ANCHOR BOLTS
OR
M16 BOLTS DRILL AND EPOXY
FIXED WITH MIN. 350mm
EMBEDMENT INTO CONCRETE

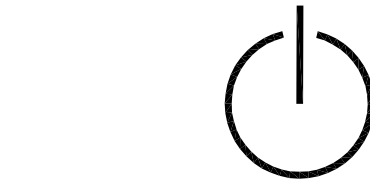
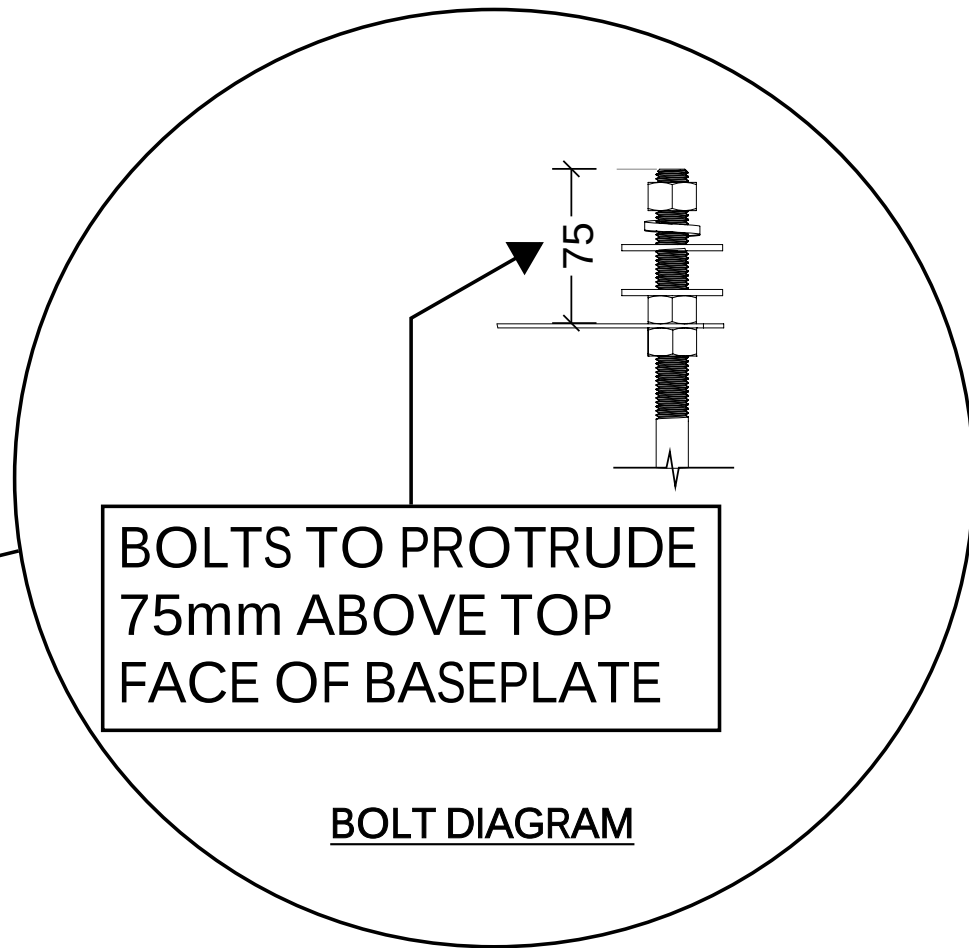
ALL MEASUREMENTS
ARE IN MILLIMETERS



FOOTING SECTION



FOOTING PLAN



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NOTES:

DRILL & EPOXY FIXINGS TO USE
CHEMSET REO 502 PLUS EPOXY
INSTALLED AS PER
MANUFACTURERS
INSTRUCTIONS

ALL BOLTS TO BE MINIMUM
GRADE 5.8

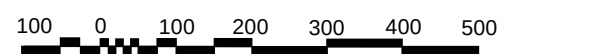
ALL HOLD DOWN BOLTS TO BE
GALVANISED OR PROVIDED
WITH SUITABLE ALTERNATIVE
CORROSION PROTECTION

GROUND CONDITIONS TO BE
CONFIRMED BY A QUALIFIED
PERSON FOR EACH
INSTALLATION SITE

GROUND CONDITIONS AT BASE
OF FOOTING TO BE SOLID
MATERIAL. IF REQUIRED REMOVE
AND REPLACE ANY LOOSE SOIL
WITH BLINDING OR
COMPACTED SUBSTRATE

ANY BACKFILL REQUIRED
AROUND THE FOOTINGS MUST
BE COMPACTED

C2	IFC FOOTING DESIGN	CH	SC	19/12/2024
C1	IFC FOOTING DESIGN	CH	SC	11/12/2024
P1	PRELIM FOOTING DESIGN ISSUE	CH	SC	08/12/2024
REV	DESCRIPTION	BY	APP	DATE



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CLIENT

DOMINATOR

ARCHITECT

PROJECT

DOMINATOR TYPICAL
FOOTING DESIGN

DRAWING TITLE
BASKETBALL TYPICAL FOOTING
DESIGN OPTION 2

SCALE NOT TO SCALE

DISCIPLINE STRUCTURAL

STATUS CONSTRUCTION

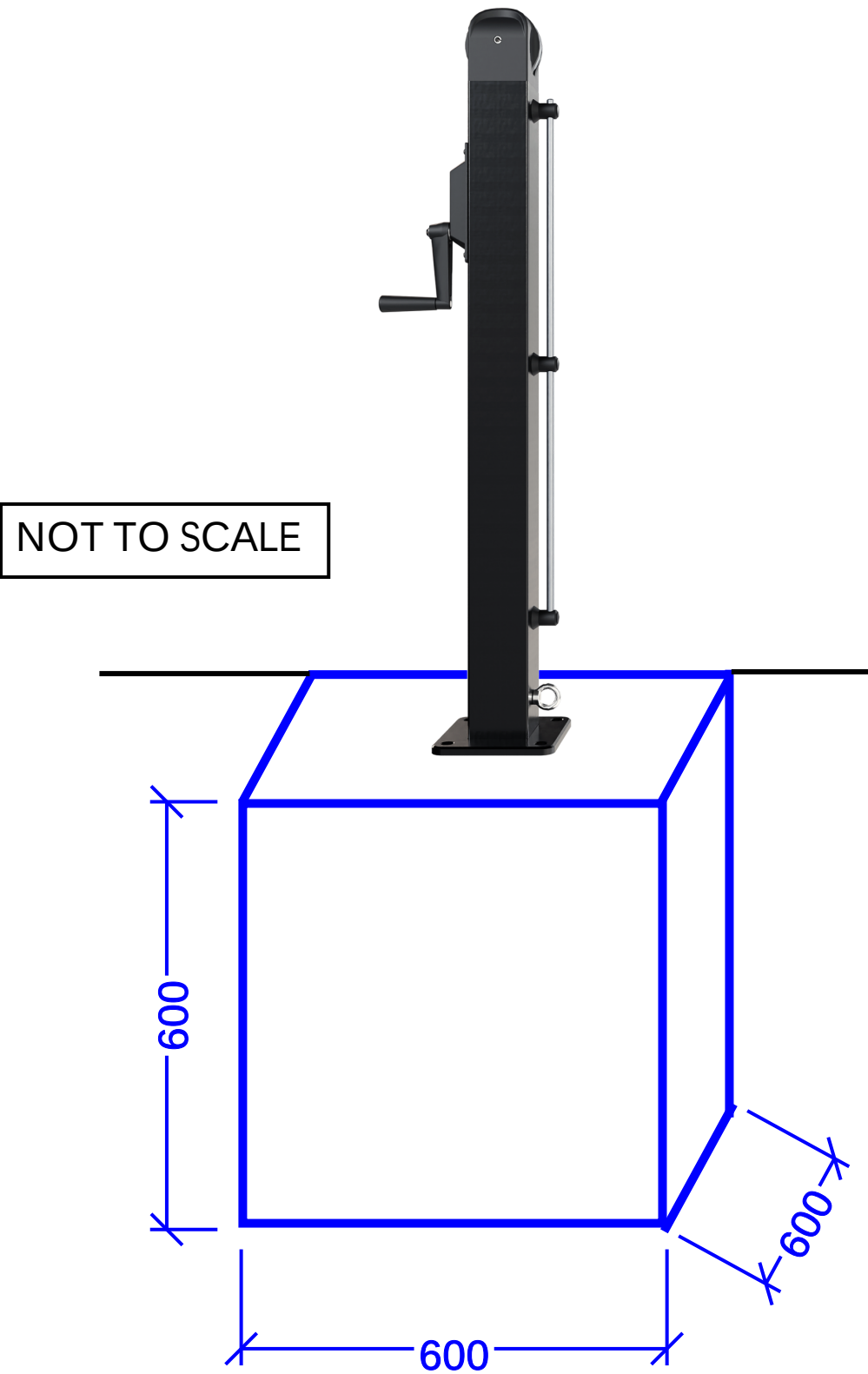
PROJECT No
FD1183
DRAWING No
SDA002.20

REV
C2

PICKLEBALL FOOTING DESIGN 1

SUITABILITY:
SUITABLE FOR USE IN UNDISTURBED CLAY SOILS
(ASSUMED MINIMUM COHESION OF 20kPa -
- TO BE CONFIMRED ON SITE)

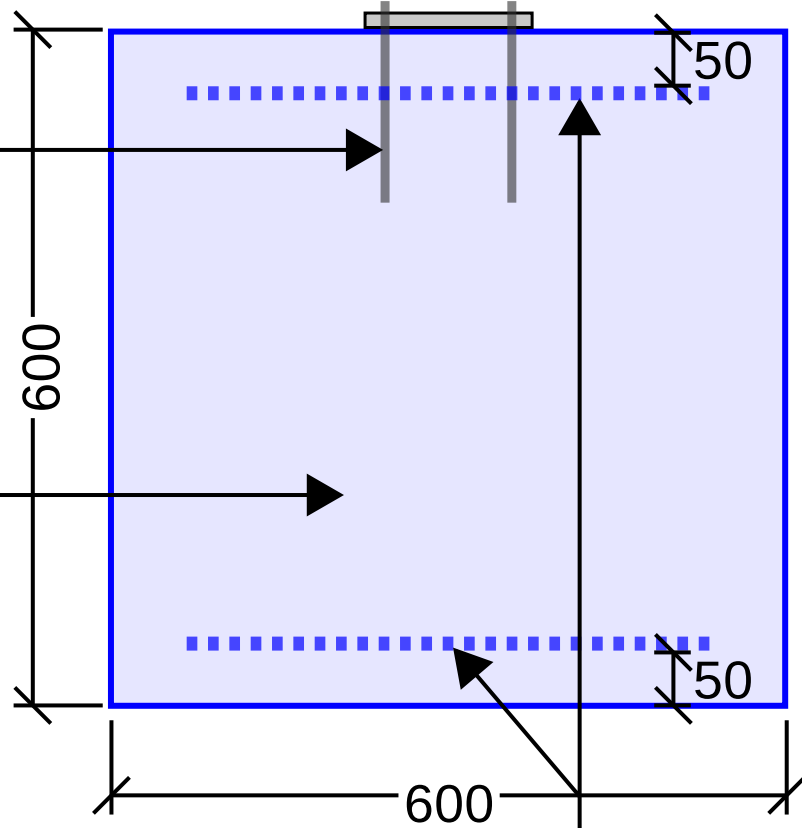
POST-FIXED DRILL AND
EPOXY BASE FIXING



M12 BOLTS DRILL AND
EPOXY FIXED WITH
MIN. 150 EMBEDMENT

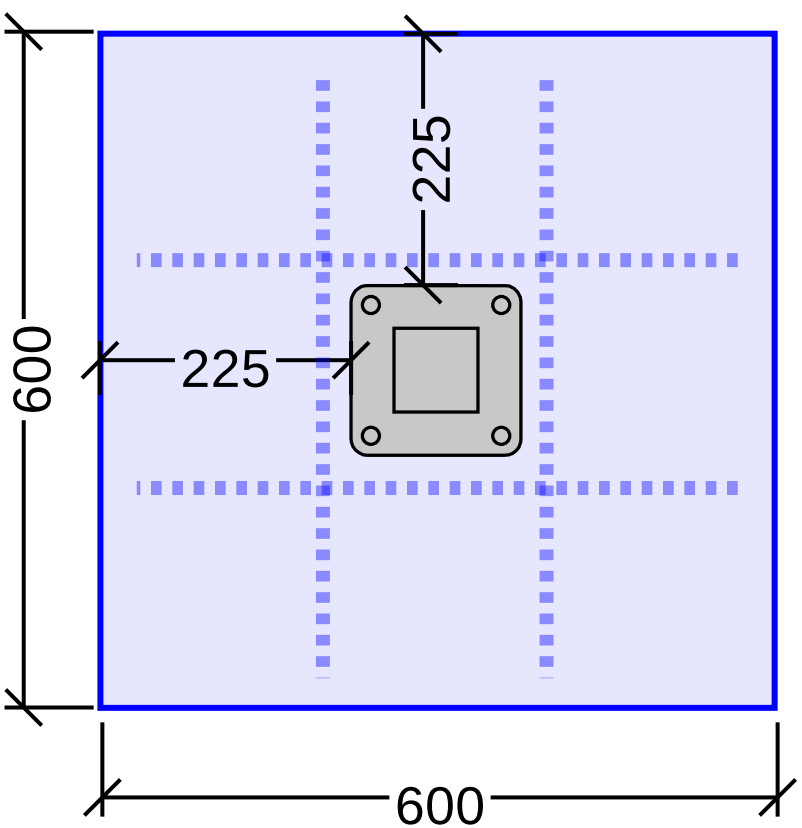
MIN CONCRETE
GRADE = 20
MPa

ALL MEASUREMENTS
ARE IN MILLIMETERS



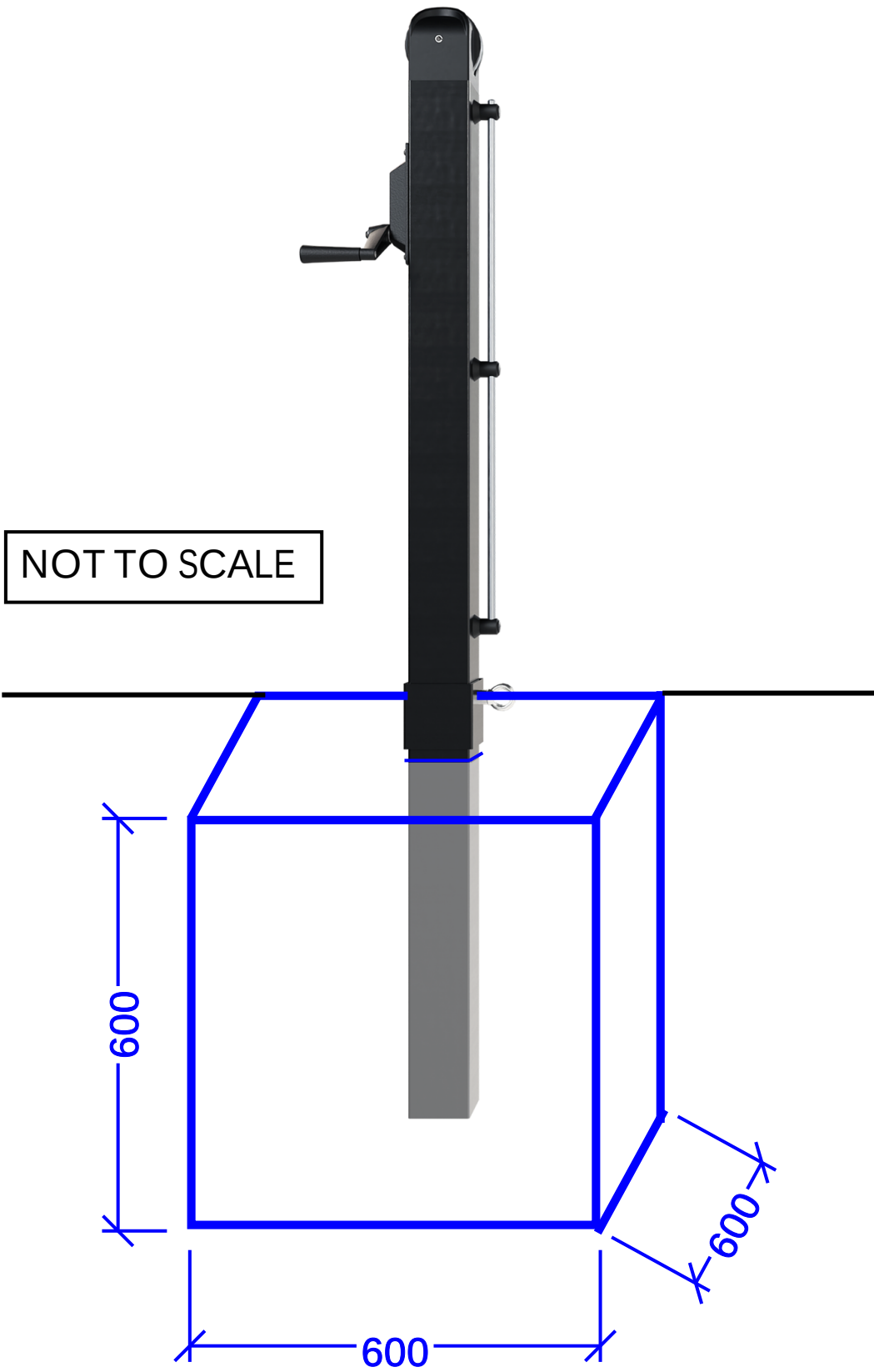
SL72 REINFORCEMENT
MESH TOP AND BOTTOM
50mm COVER

FOOTING SECTION



FOOTING PLAN

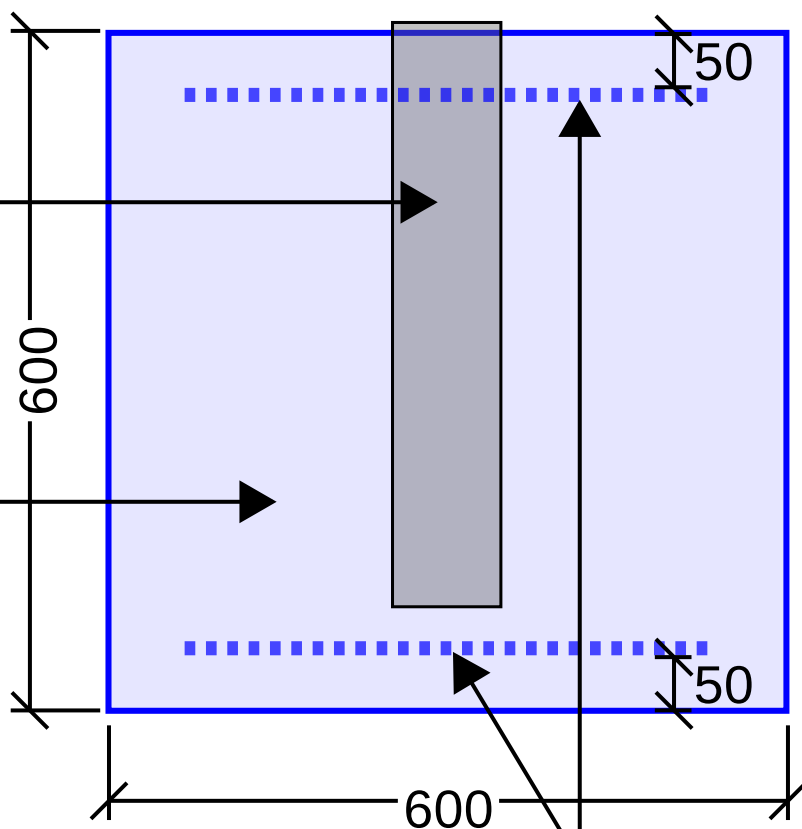
CAST-IN GROUND
SLEEVE



DOMINATOR
GROUND SLEEVE
CAST IN TO FOOTING

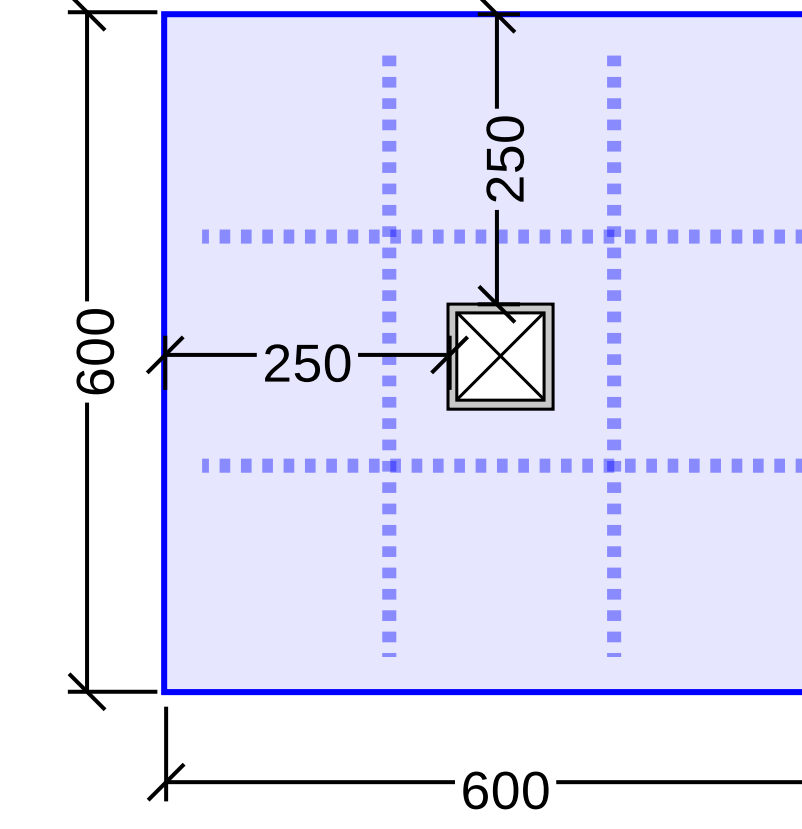
MIN CONCRETE
GRADE = 20 MPa

ALL MEASUREMENTS
ARE IN MILLIMETERS

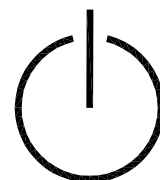


SL72 REINFORCEMENT
MESH TOP AND BOTTOM
50mm COVER

FOOTING SECTION



FOOTING PLAN



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NOTES:

DRILL & EPOXY FIXINGS TO USE
CHEMSET REO 502 PLUS EPOXY
INSTALLED AS PER
MANUFACTURERS
INSTRUCTIONS

ALL BOLTS TO BE MINIMUM
GRADE 5.8

ALL HOLD DOWN BOLTS TO BE
GALVANISED OR PROVIDED
WITH SUITABLE ALTERNATIVE
COROSION PROTECTION

GROUND CONDITIONS TO BE
CONFIRMED BY A QUALIFIED
PERSON FOR EACH
INSTALLATION SITE

GROUND CONDITIONS AT BASE
OF FOOTING TO BE SOLID
MATERIAL. IF REQUIRED REMOVE
AND REPLACE ANY LOOSE SOIL
WITH BLINDING OR
COMPACTED SUBSTRATE

ANY BACKFILL REQUIRED
AROUND THE FOOTINGS MUST
BE COMPACTED

C2	IFC FOOTING DESIGN	CH	SC	19/12/2024
C1	IFC FOOTING DESIGN	CH	SC	11/12/2024
P1	PRELIM FOOTING DESIGN ISSUE	CH	SC	08/12/2024
REV	DESCRIPTION	BY	APP	DATE

100 0 100 200 300 400 500

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CLIENT
DOMINATOR

ARCHITECT

PROJECT
DOMINATOR TYPICAL
FOOTING DESIGN

DRAWING TITLE
PICKLEBALL TYPICAL FOOTING
DESIGN OPTION 1

SCALE NOT TO SCALE

DISCIPLINE STRUCTURAL

STATUS CONSTRUCTION

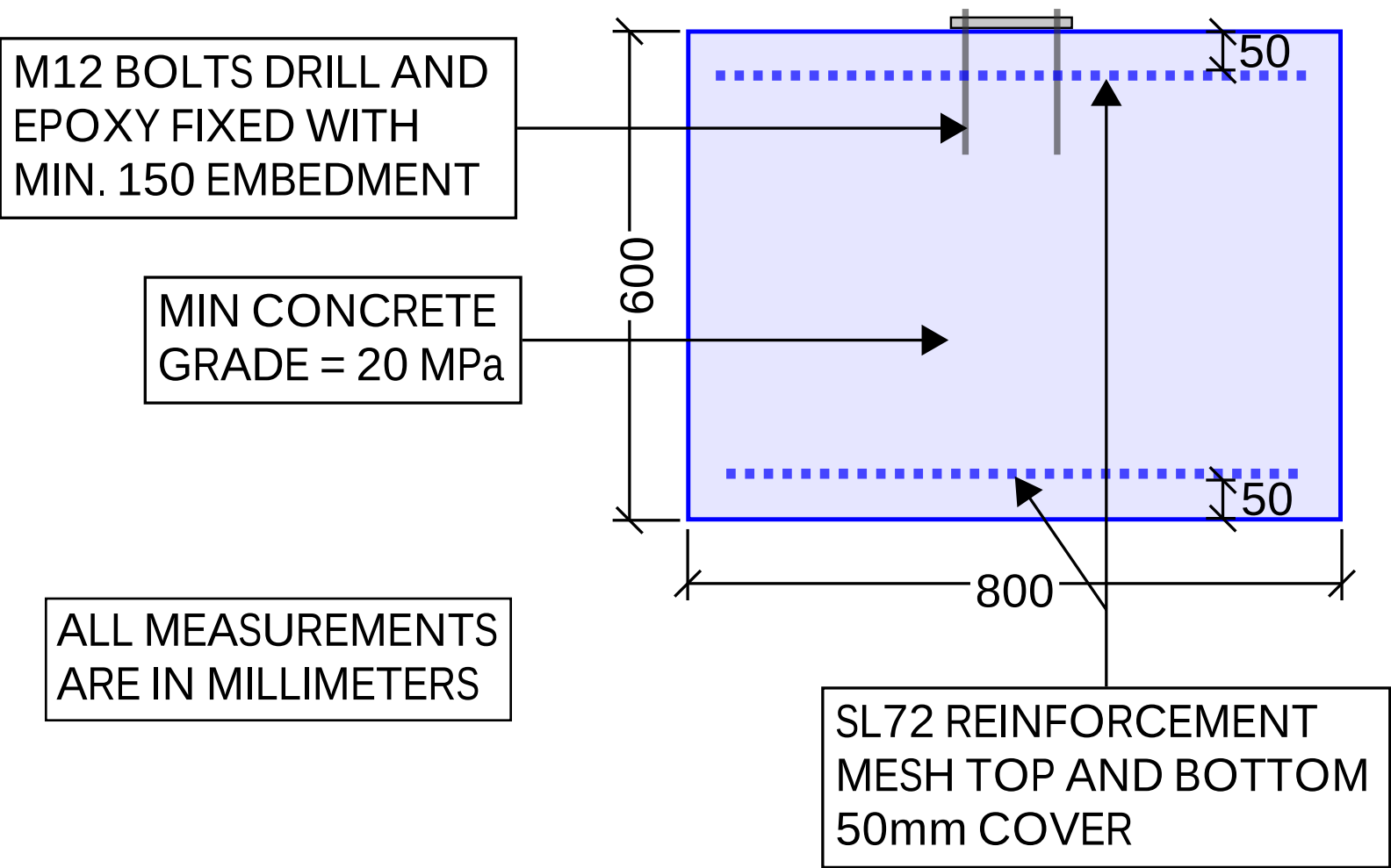
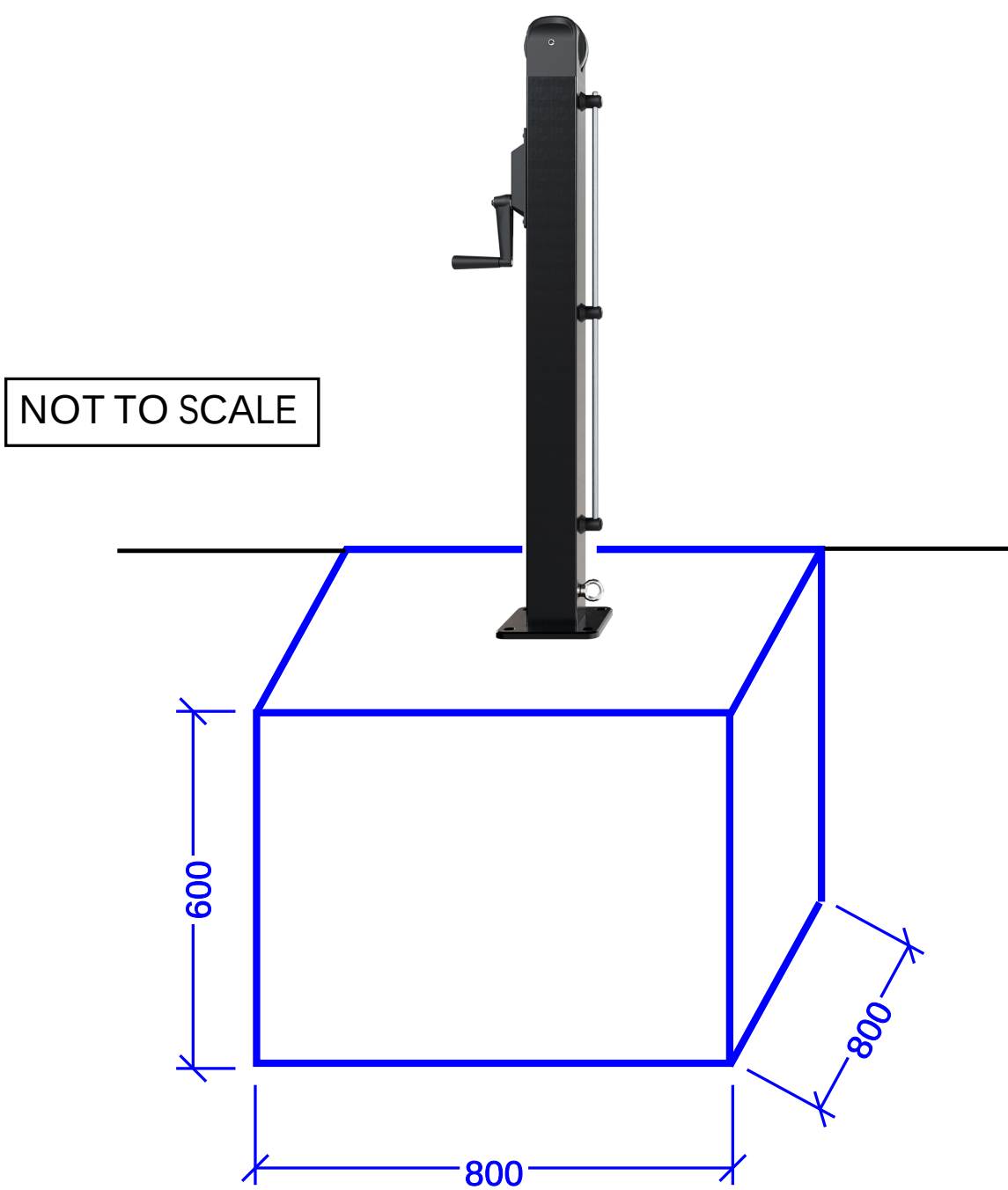
PROJECT No
FD1183
DRAWING No
SDA002.30
REV
C2

PICKLEBALL FOOTING DESIGN 2

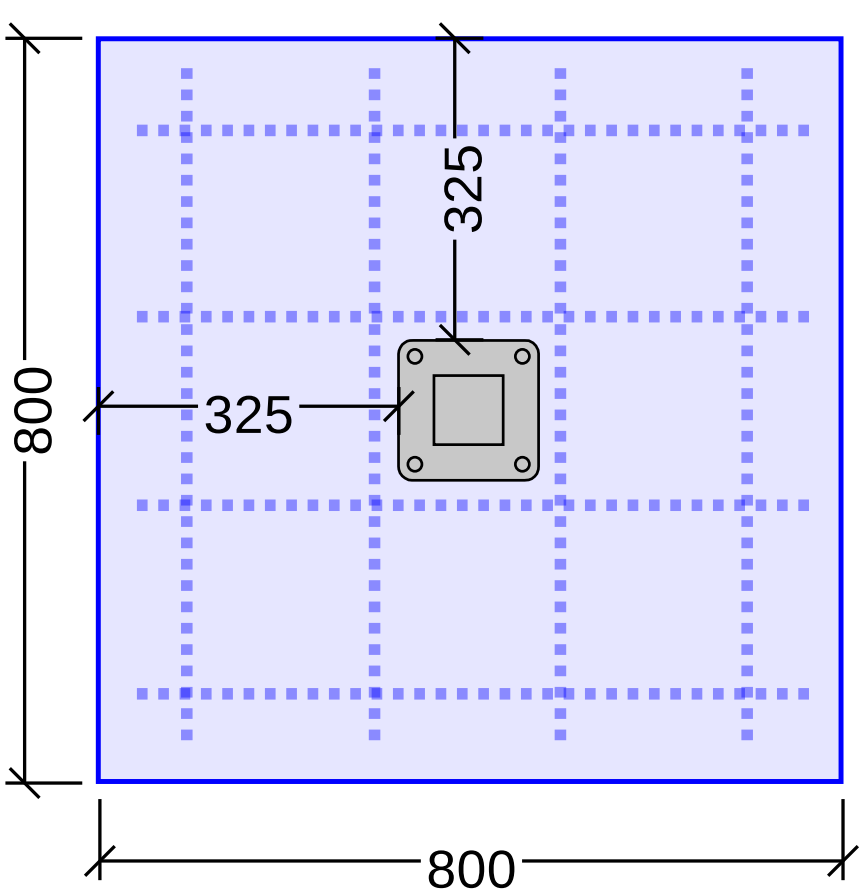
SUITABILITY

SUITABLE FOR USE IN WEAK SOILS/FILL MATERIAL
(ASSUMED MINIMUM BEARING CAPACITY OF 50kPa
- TO BE CONFIRMED ON SITE)

POST-FIXED DRILL AND
EPOXY BASE FIXING

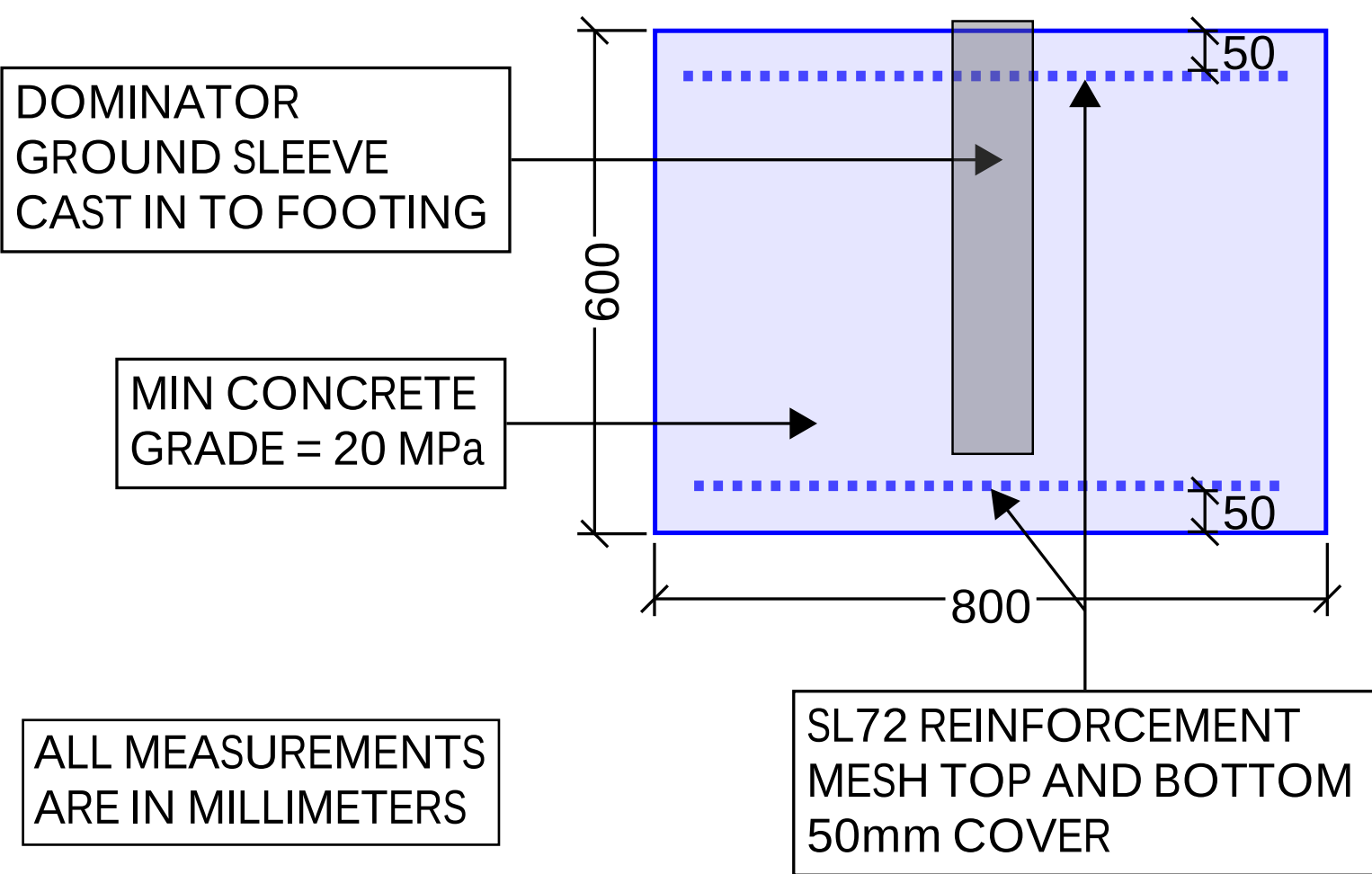
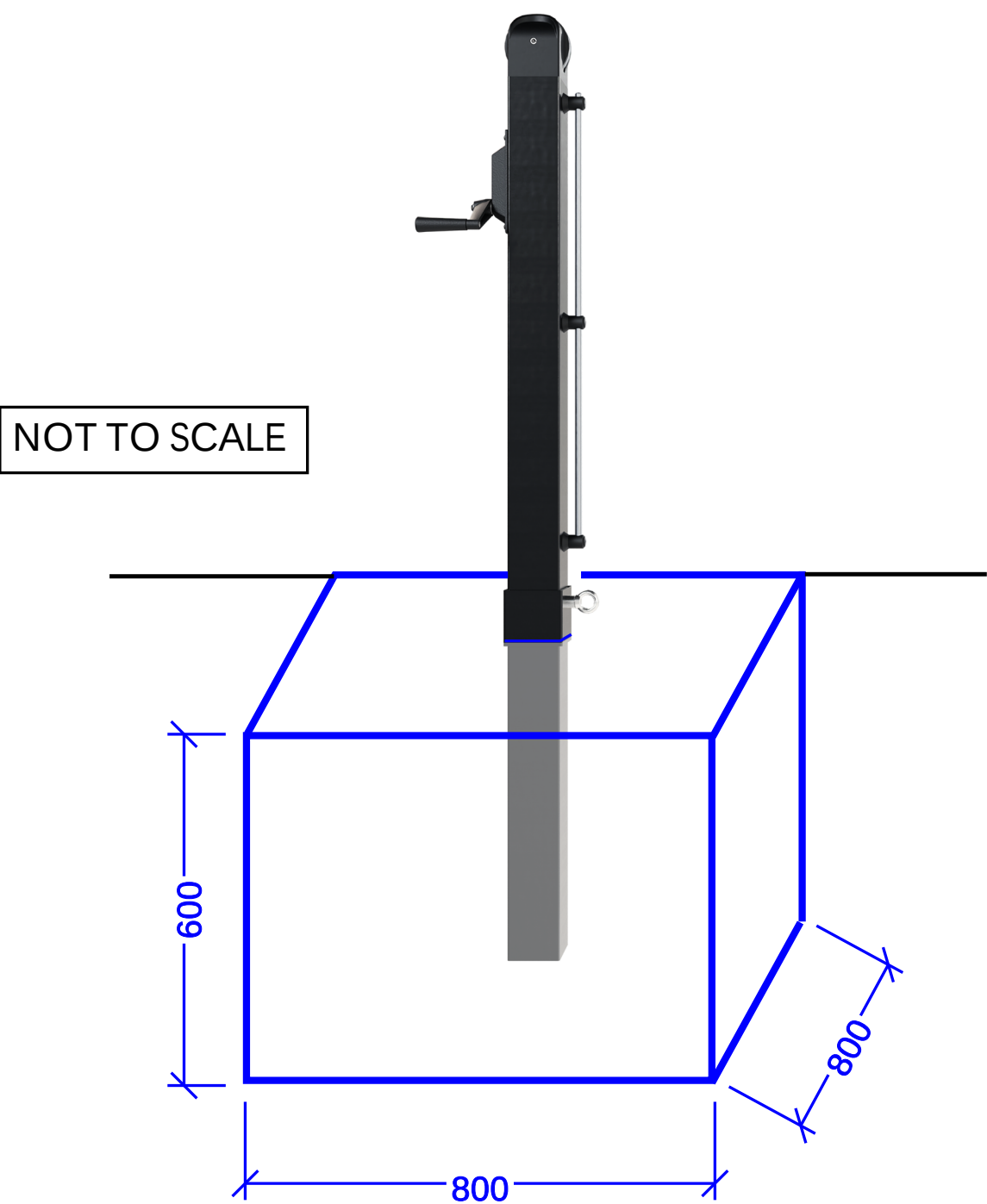


FOOTING SECTION

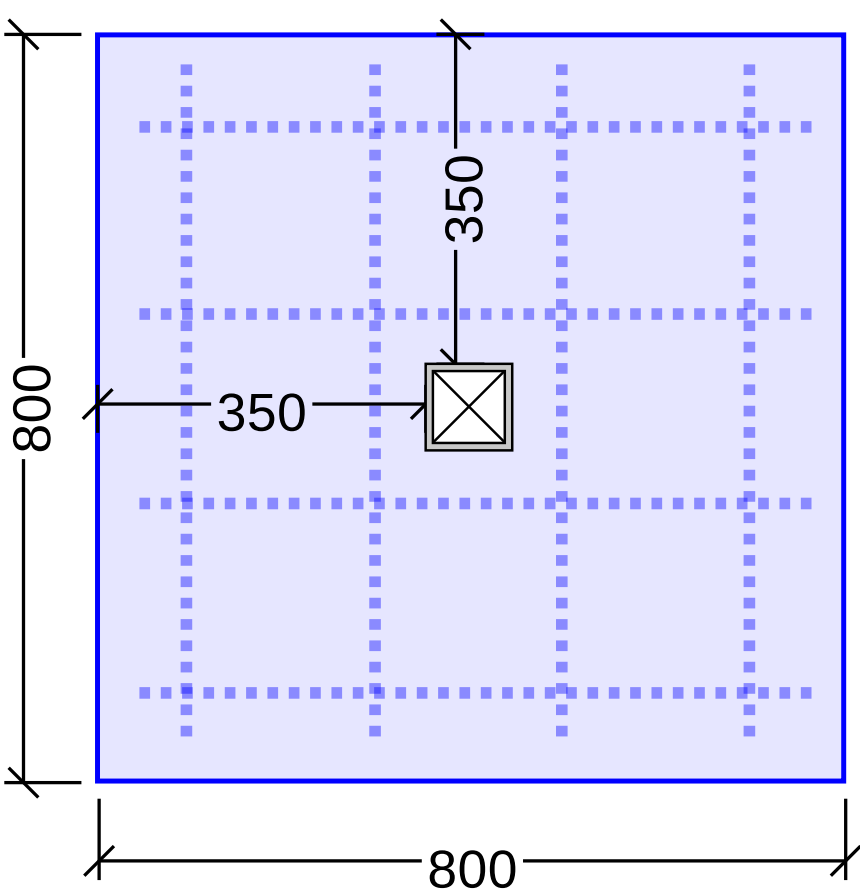


FOOTING PLAN

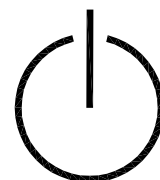
CAST-IN GROUND
SLEEVE



FOOTING SECTION



FOOTING PLAN



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NOTES:

DRILL & EPOXY FIXINGS TO USE CHEMSET REO 502 PLUS EPOXY INSTALLED AS PER MANUFACTURERS INSTRUCTIONS

ALL BOLTS TO BE MINIMUM GRADE 5.8

ALL HOLD DOWN BOLTS TO BE GALVANISED OR PROVIDED WITH SUITABLE ALTERNATIVE CORROSION PROTECTION

GROUND CONDITIONS TO BE CONFIRMED BY A QUALIFIED PERSON FOR EACH INSTALLATION SITE

GROUND CONDITIONS AT BASE OF FOOTING TO BE SOLID MATERIAL. IF REQUIRED REMOVE AND REPLACE ANY LOOSE SOIL WITH BLINDING OR COMPACTED SUBSTRATE

ANY BACKFILL REQUIRED AROUND THE FOOTINGS MUST BE COMPACTED

C2	IFC FOOTING DESIGN	CH	SC	19/12/2024
C1	IFC FOOTING DESIGN	CH	SC	11/12/2024
P1	PRELIM FOOTING DESIGN ISSUE	CH	SC	08/12/2024
REV	DESCRIPTION	BY	APP	DATE



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CLIENT

DOMINATOR

ARCHITECT

PROJECT

DOMINATOR TYPICAL FOOTING DESIGN

DRAWING TITLE

PICKLEBALL TYPICAL FOOTING DESIGN OPTION 2

SCALE NOT TO SCALE

DISCIPLINE STRUCTURAL

STATUS CONSTRUCTION

PROJECT No
FD1183

DRAWING No
SDA002.40

REV
C2