

A
1 ROJ CAMP 37° 3'50.26"N 42° 5'33.58"E



A
2 Stadium area general site plan

Project: Rehab. Playground ROJ

Title: Design drawings

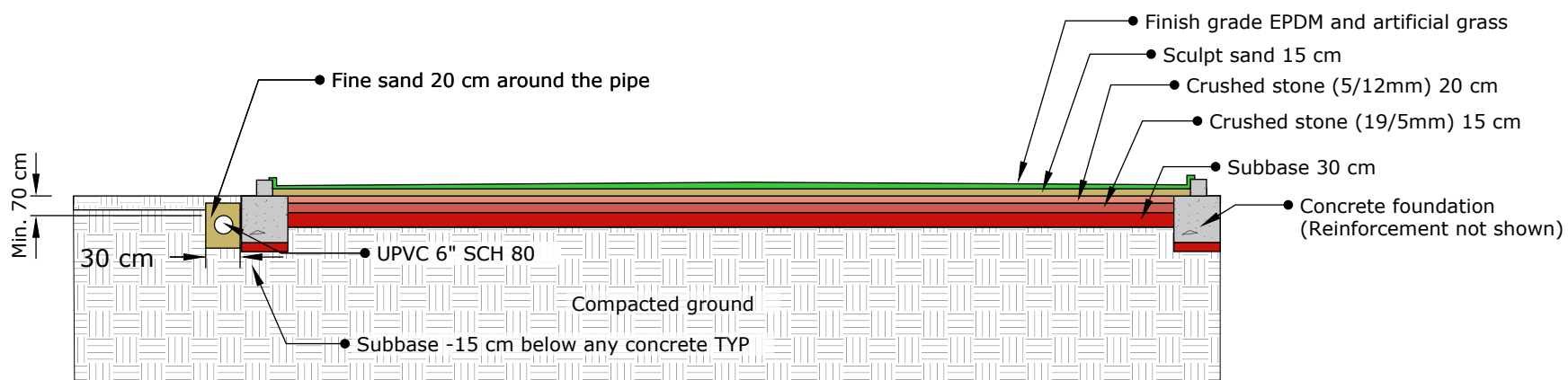
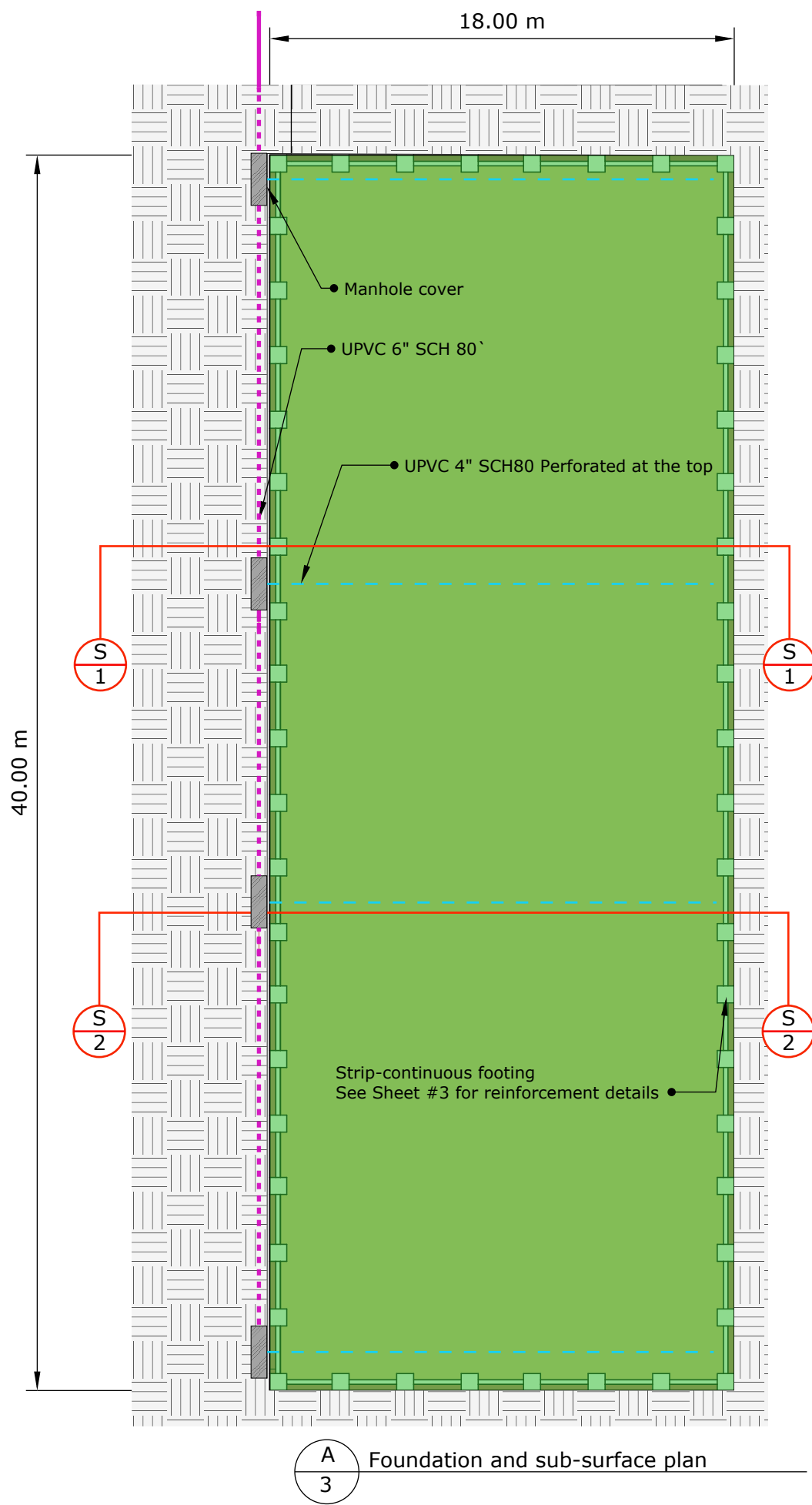
Sheet: Site plan

Sheet #: 1

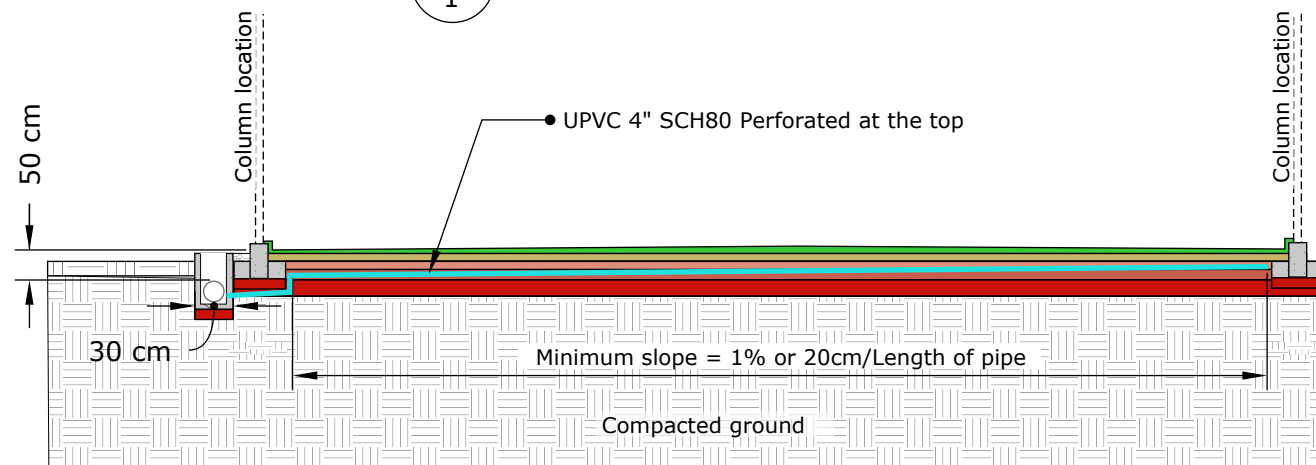
Designed by: Omar Ali Rafeek

Approved by: Ibrahim A. Ahmed

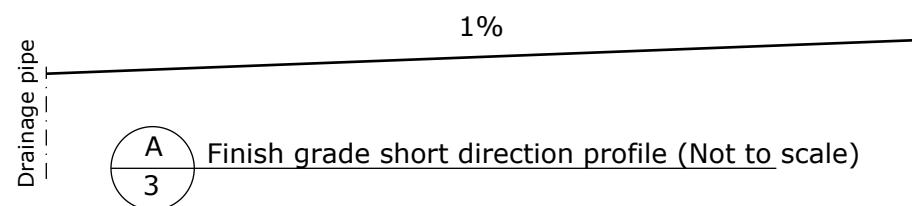
Notes:



S
1 Sub-surface layering details



S
2 Sub-surface layering details



Project: Rehab. Playground ROJ

Title: Design drawings

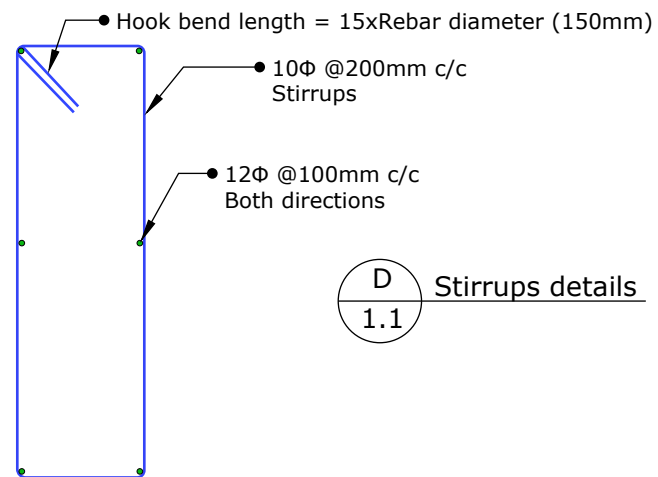
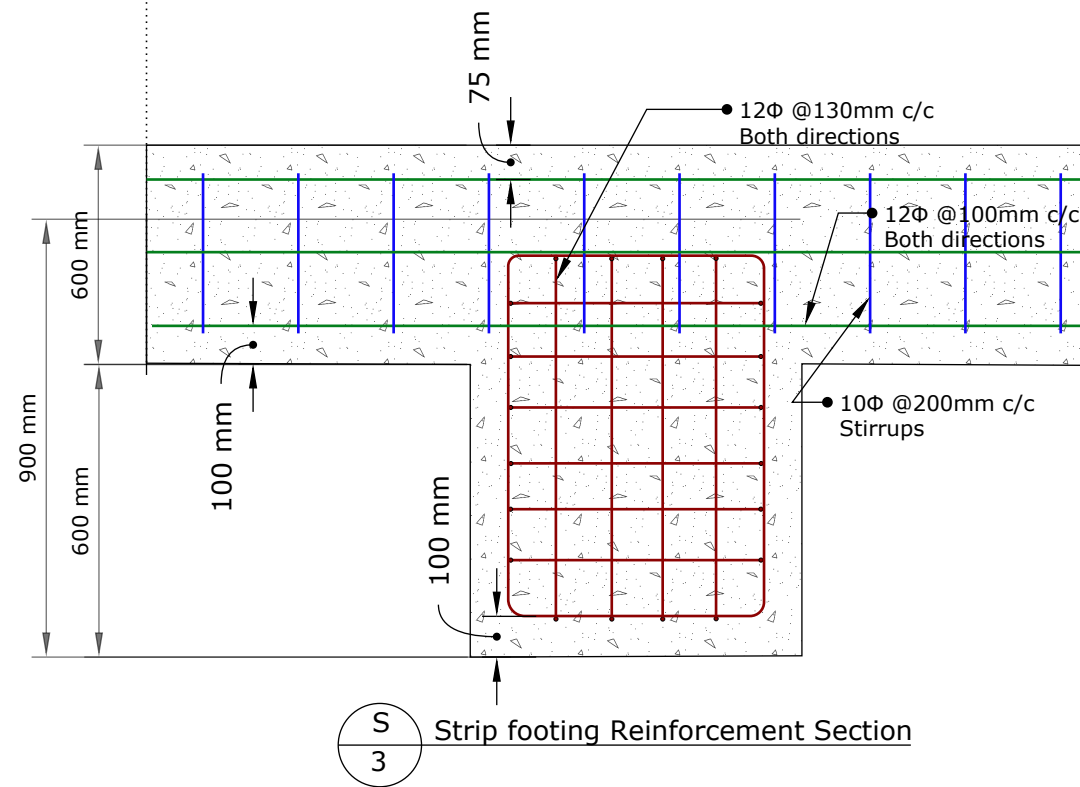
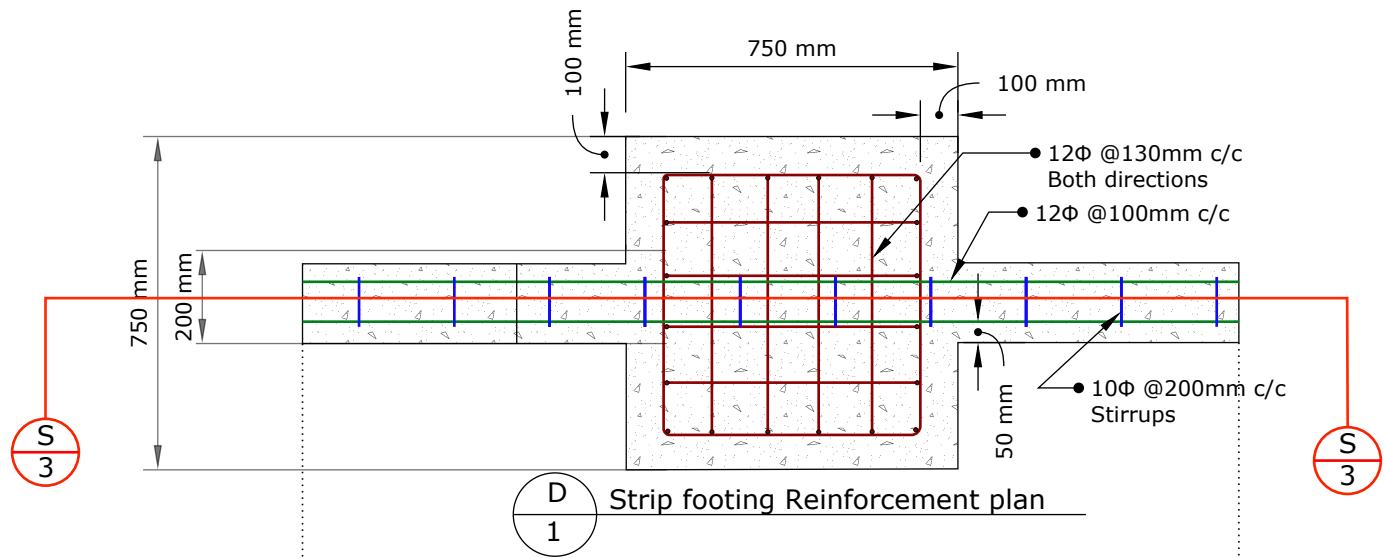
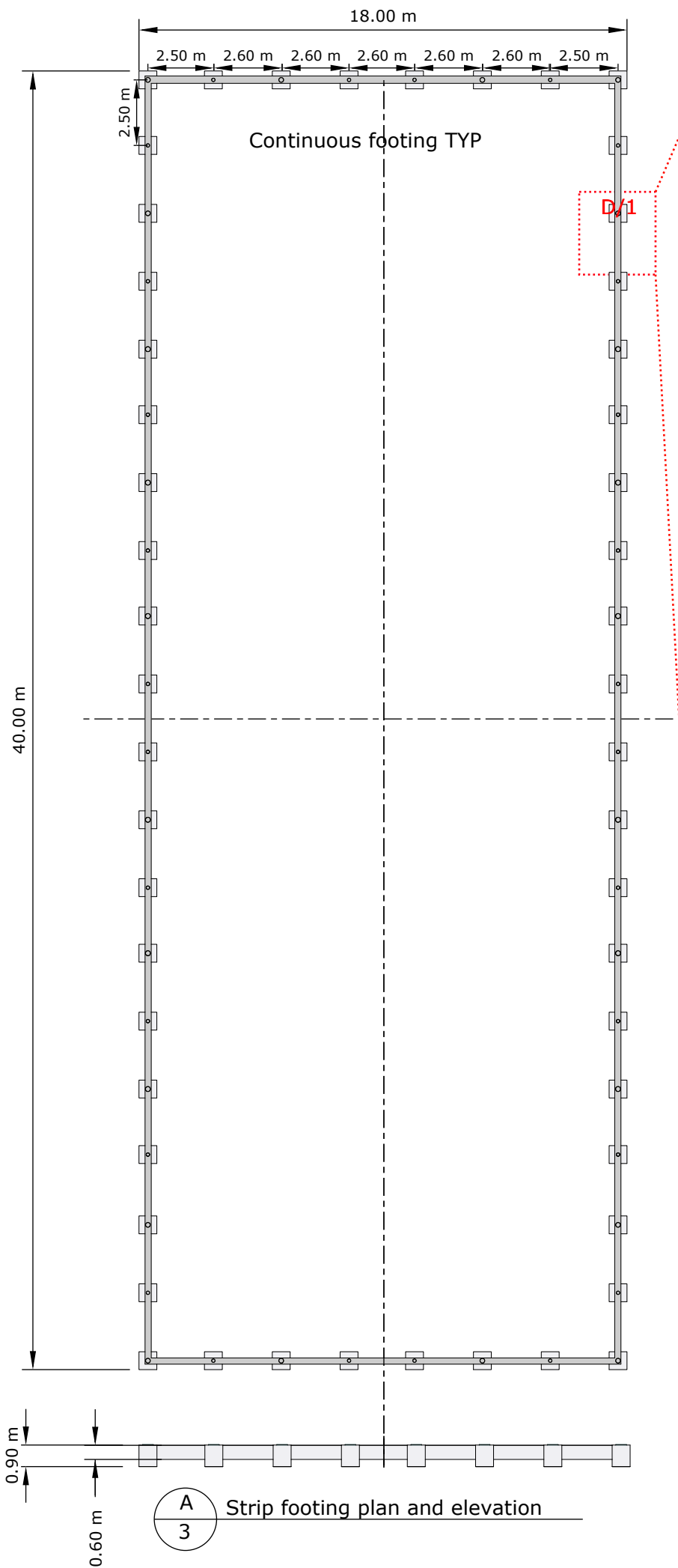
Sheet: Sub-surface works

Sheet #: 2

Designed by: Omar Ali Rafeek

Approved by: Ibrahim A. Ahmed

Notes: The sub-grade materials are to be laid in layers each is not thicker than 10 cm, then these layers are to be compacted on with every new added layer.



Project: Rehab. Playground ROJ

Title: Design drawings

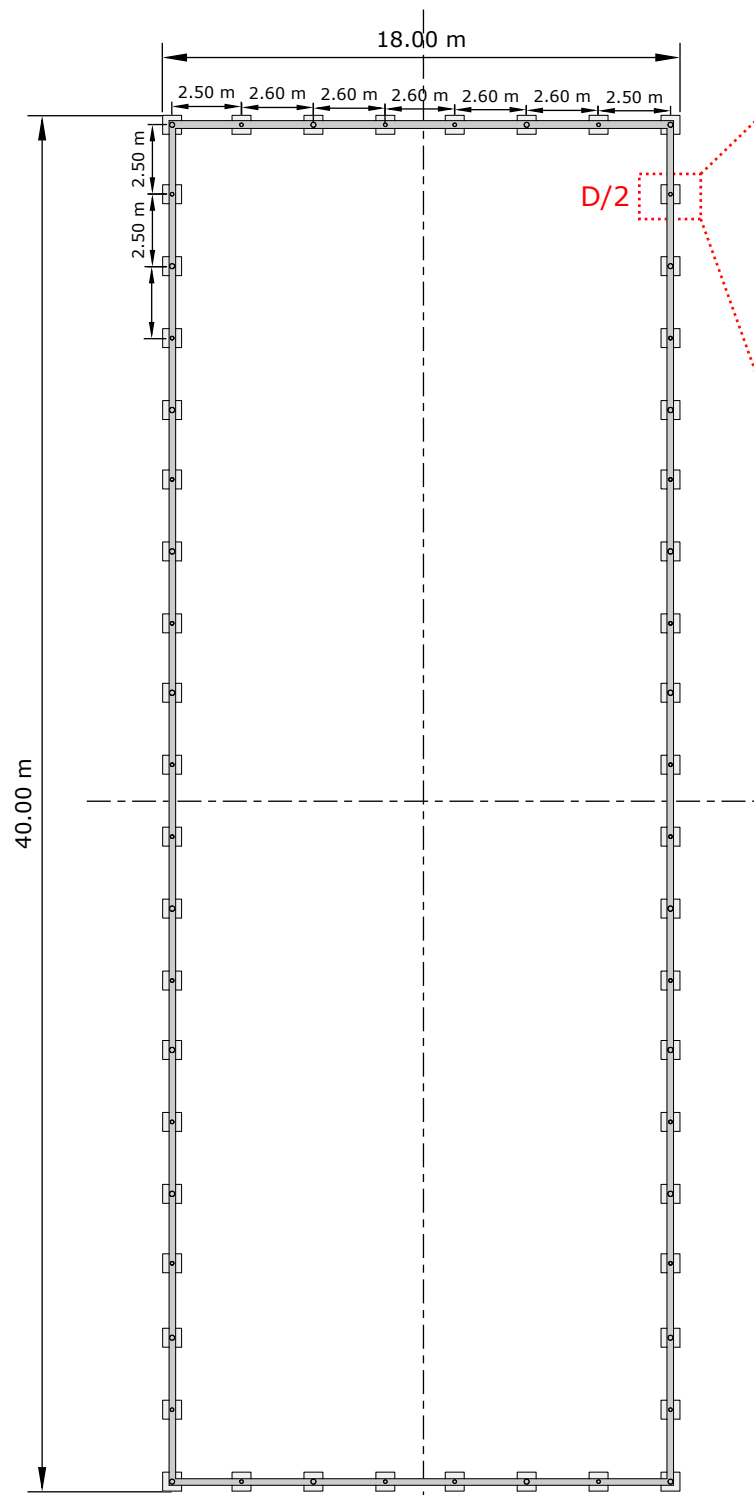
Sheet: Foundation plan

Sheet #: 3

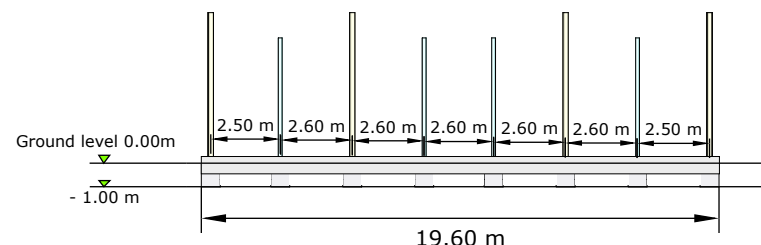
Designed by: Omar Ali Rafeek

Approved by: Ibrahim A. Ahmed

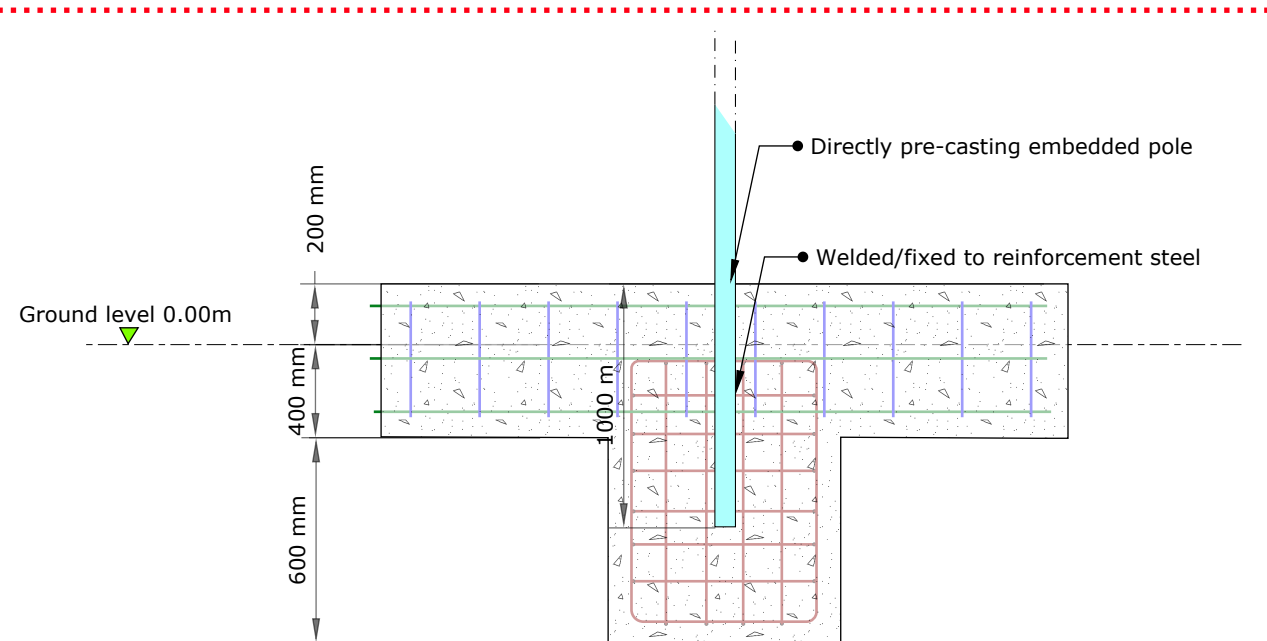
Notes:



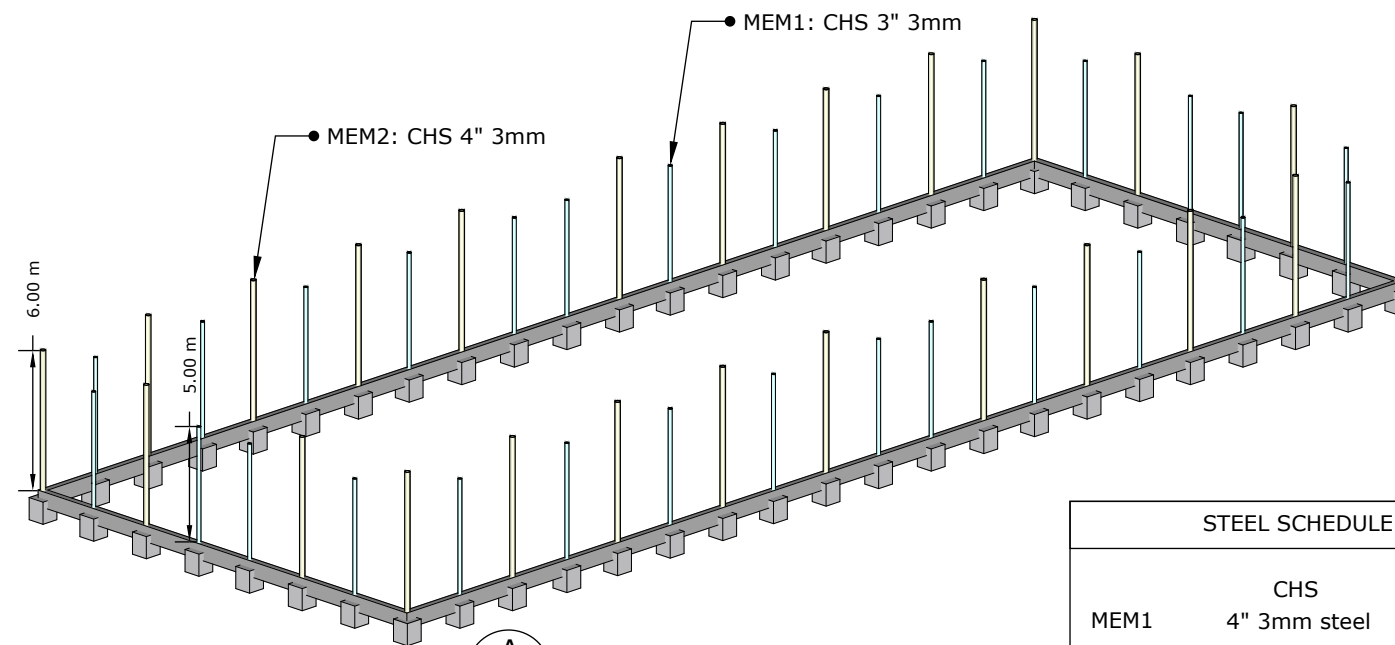
A
4 Poles plan



A
5 Poles elevation (front view)

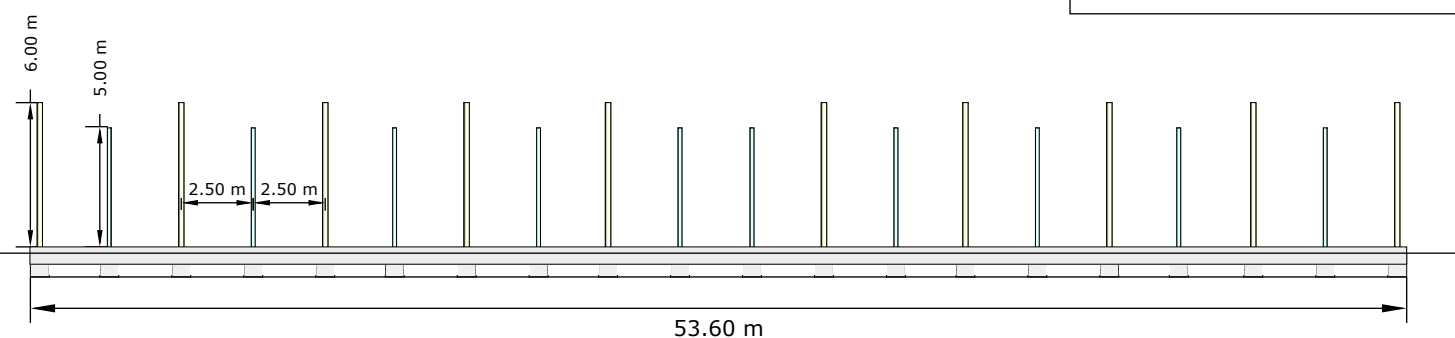


D
2 Concrete-to-steel anchoring details



A
7 Poles overall view (Iso view)

STEEL SCHEDULE		
MEM1	CHS 4" 3mm steel	
MEM2	CHS 3" 3mm steel	



A
6 Poles elevation (side view)

Project: Rehab. Playground ROJ

Title: Design drawings

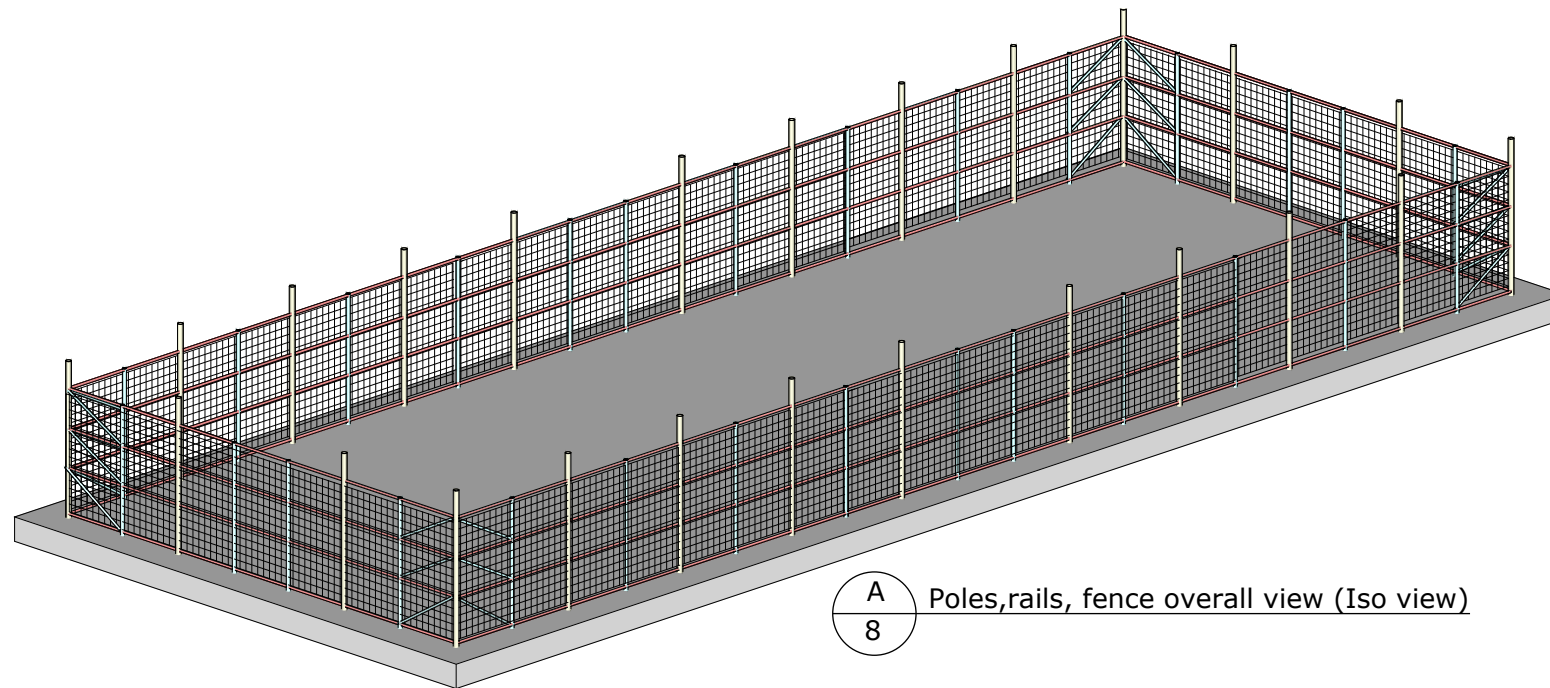
Sheet: Columns plan

Sheet #: 4

Designed by: Omar Ali Rafeek

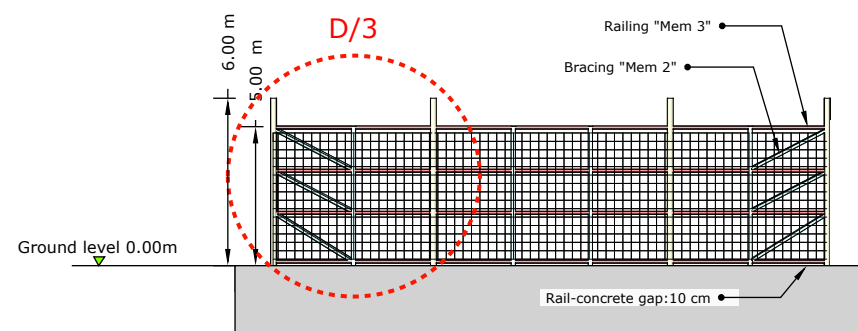
Approved by: Ibrahim A. Ahmed

Notes: Spacing between the Columns shall be followed, Plans are not to scale.

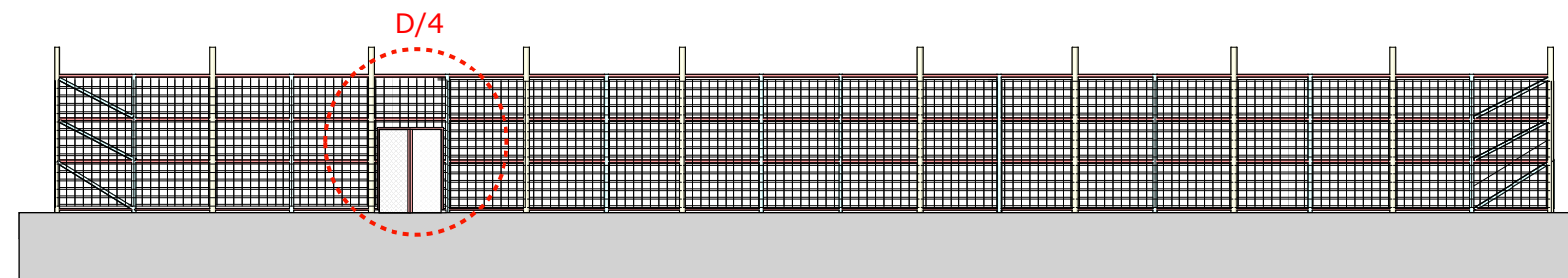


A
8 Poles,rails, fence overall view (Iso view)

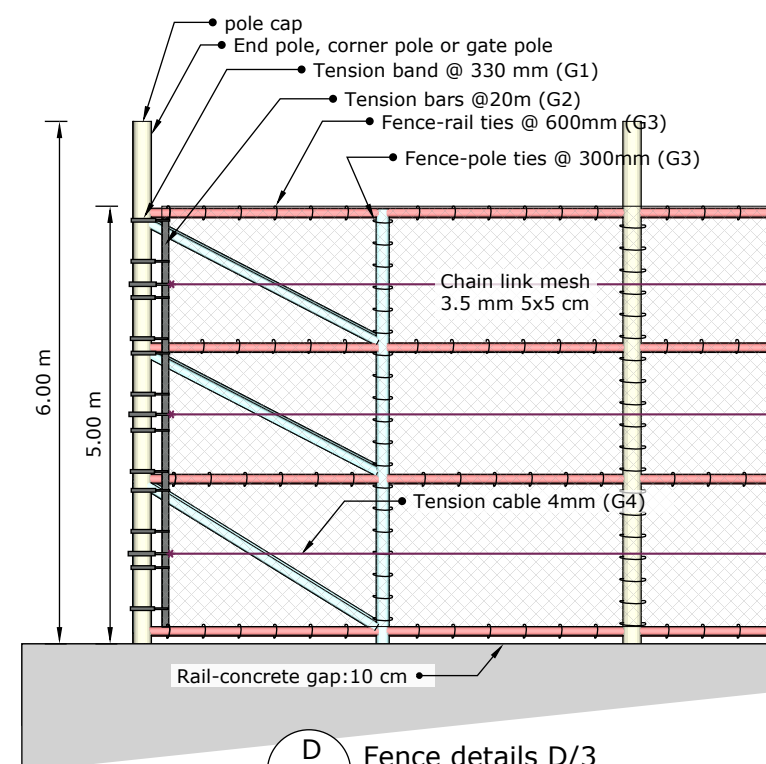
STEEL SCHEDULE		
MEM1	CHS 4" 3mm steel	
MEM2	CHS 3" 3mm steel	
MEM3	CHS 2" 2mm steel	
MEM4	CHS 2" 2mm steel	
MEM5	CHS 1" 2mm steel	



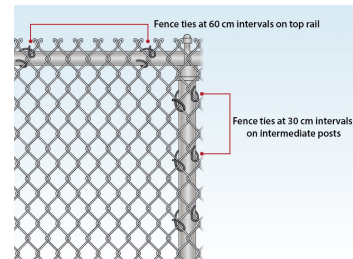
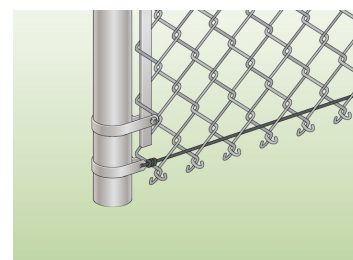
A
9 Poles,rails, fence (Front view)



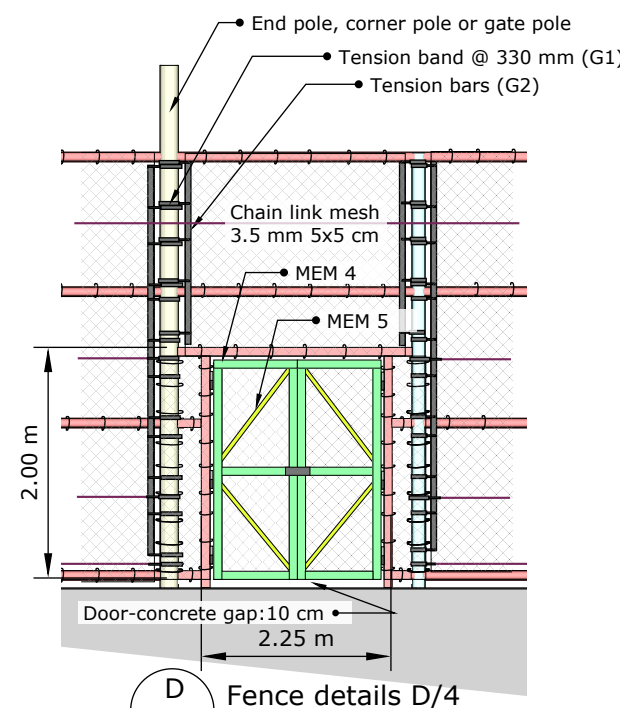
A
10 Poles,rails, fence (Side view)



D
3 Fence details D/3



A
11 Closeup connections



D
4 Fence details D/4

FENCE ACCESSORIES SCHEDULE		
G1	Tension band	3mm rolled steel
G2	Tension bars	18mm x 5mm x 4300mm
G3	Fence ties	4mm dia (power-drill)
G4	Tension cable	4mm dia

Details enlarged for clarity (Not to scale)

Project: Rehab. Playground ROJ

Title: Design drawings

Sheet: Structural system plan

Sheet #: 5

Designed by: Omar Ali Rafeek

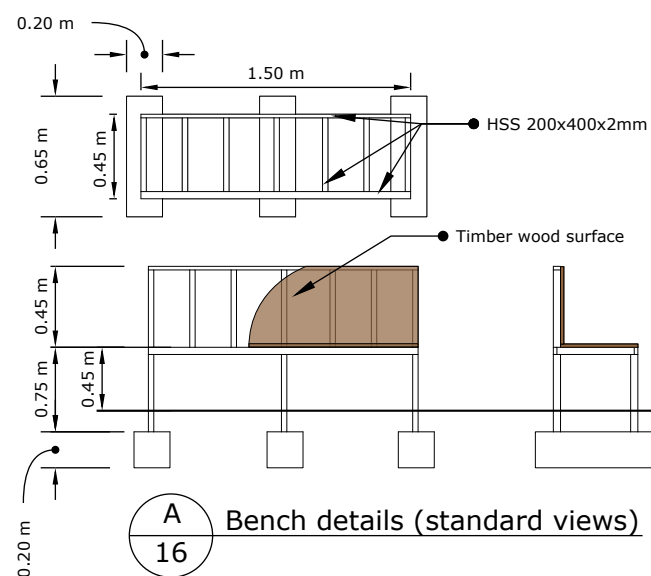
Approved by: Ibrahim A. Ahmed

Notes:

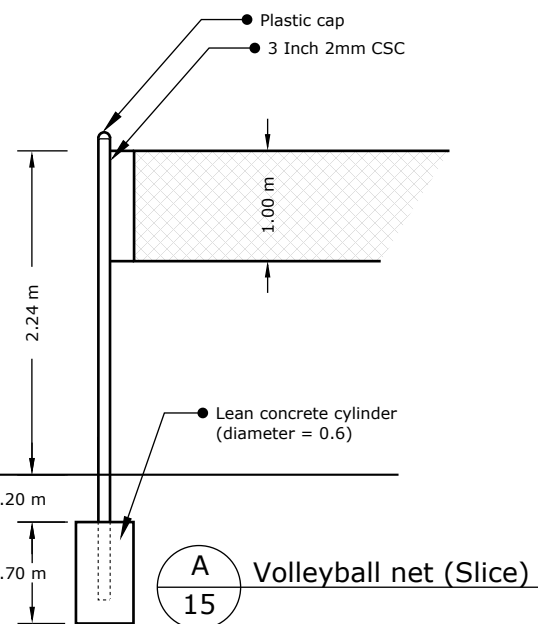
All welding shall be line welding, no gaps or stitches are acceptable.



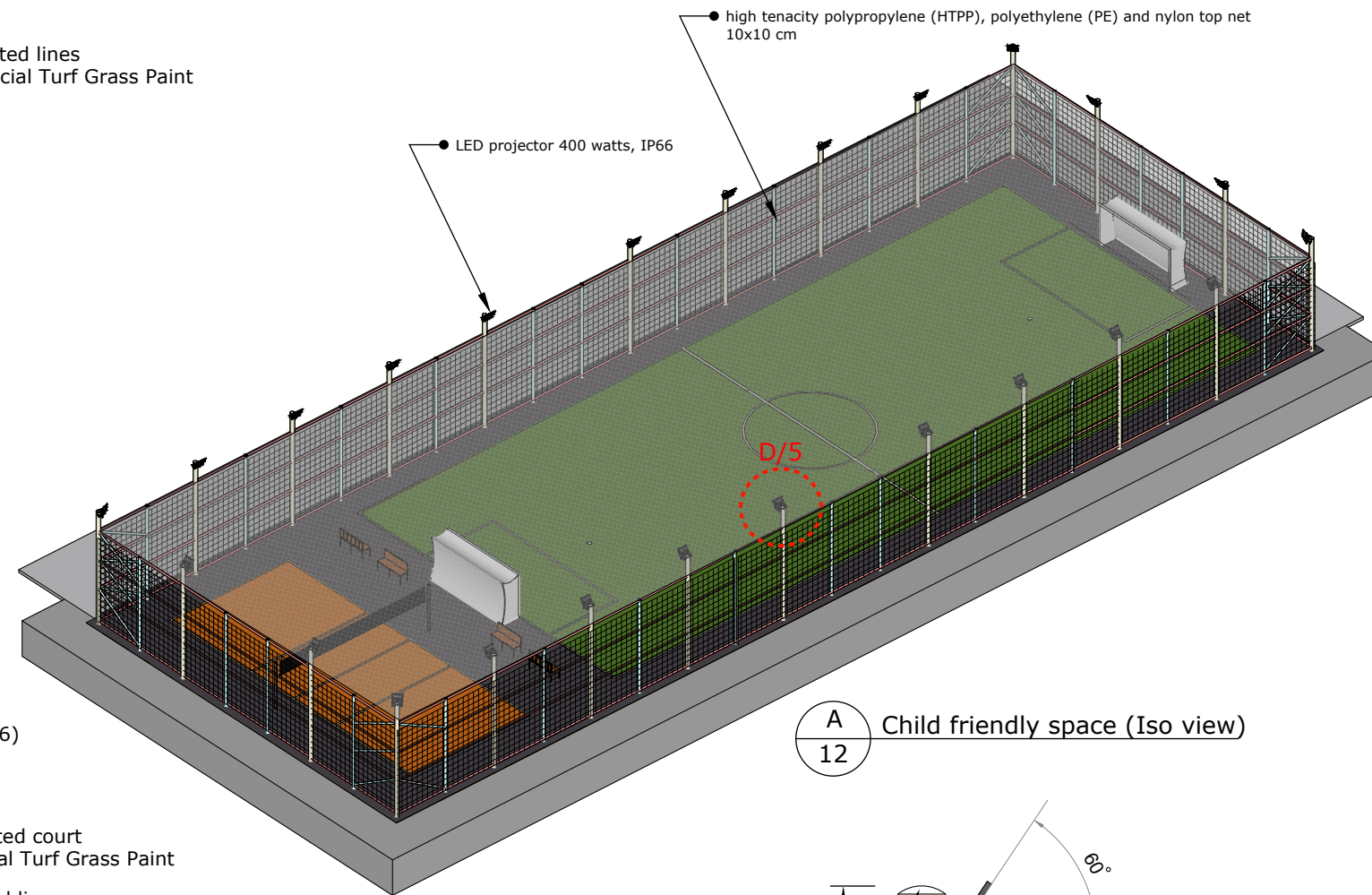
A
13 Child friendly space (Top view)



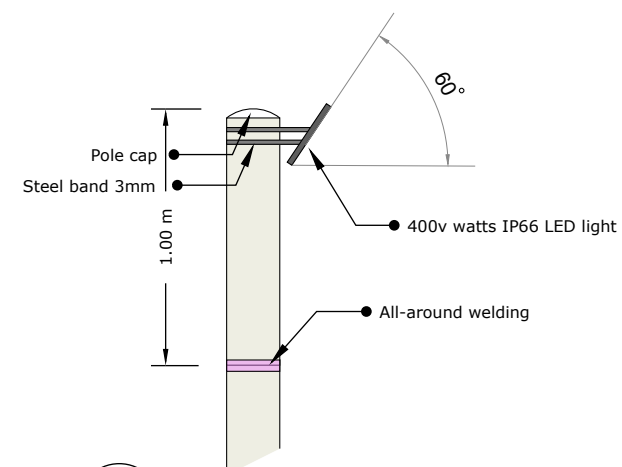
A
16 Bench details (standard views)



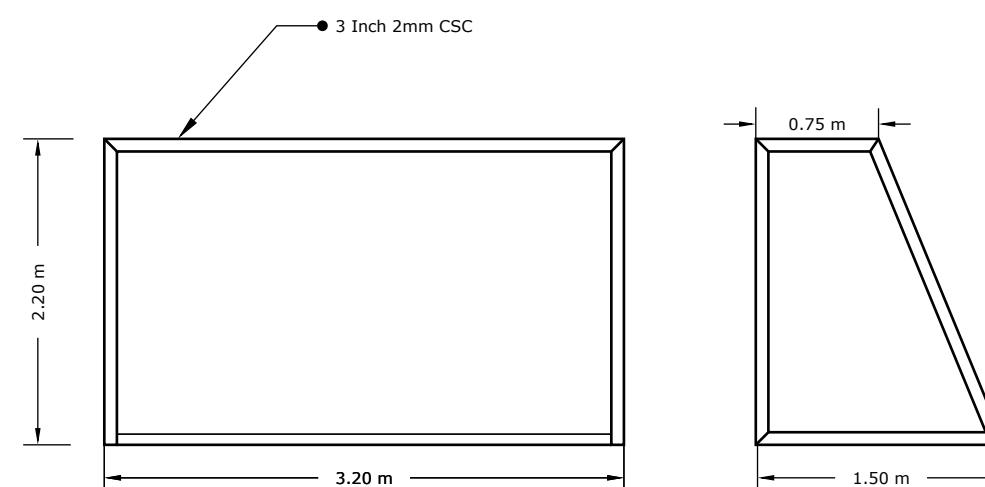
A
15 Volleyball net (Slice)



A
12 Child friendly space (Iso view)



D
5 Lighting structural detail



A
14 Goal details (front and side views)

Project: Rehab. Playground ROJ

Title: Design drawings

Sheet: Finishing details plan 1

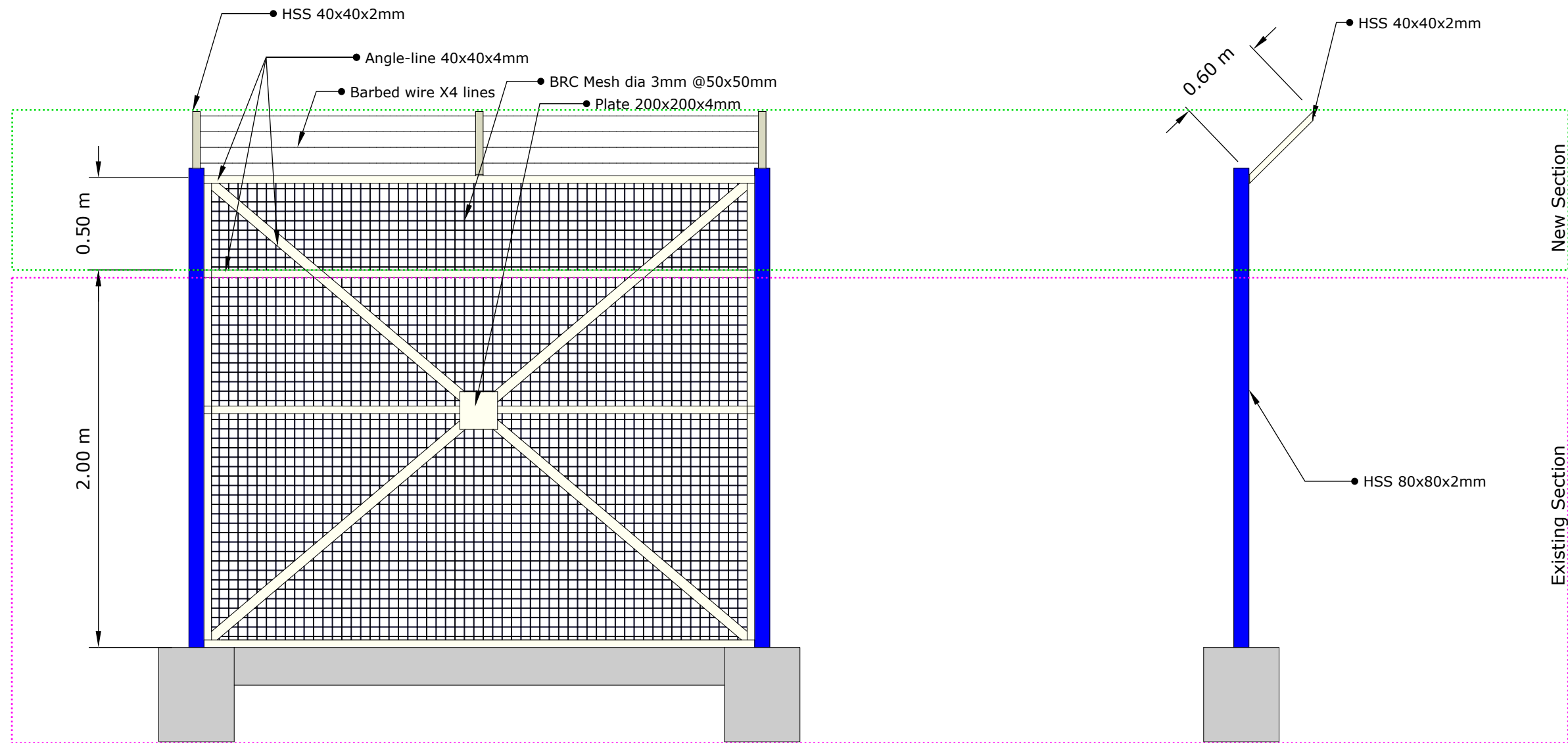
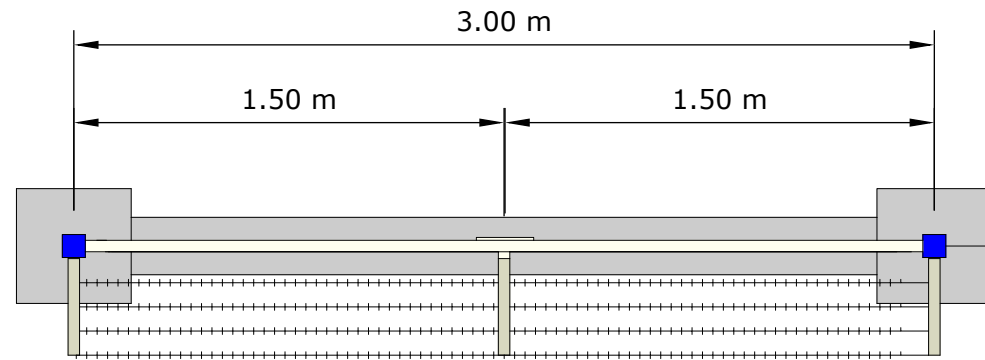
Sheet #: 6

Designed by: Omar Ali Rafeek

Approved by: Ibrahim A. Ahmed

Notes:

All welding shall be line welding, no gaps or stitches are acceptable.



Project: Rehab. Playground ROJ

Title: Design drawings

Sheet: Fence extension drawings

Sheet #: 7

Designed by: Omar Ali Rafeek

Approved by: Ibrahim A. Ahmed