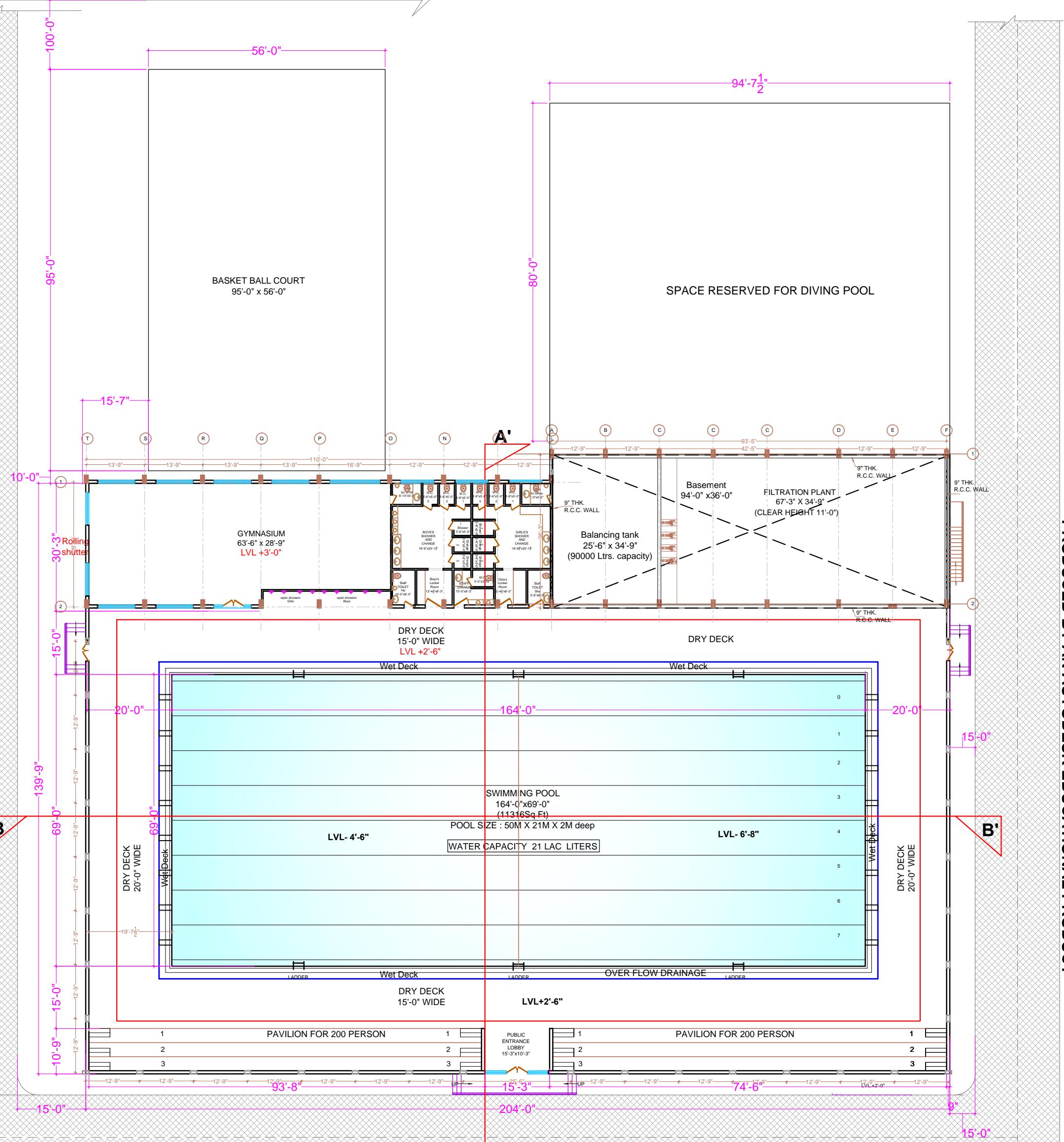


Detail of pavilion steps

CLIENT:	YADAVINDRA PUBLIC SCHOOL PATIALA	
PROJECT TITLE:	SWIMMING POOL & GYM BLOCK	
SHEET TITLE:	GROUND FLOOR PLAN AND BASEMENT PLAN	
CONSULTING ARCHITECTS:		SCALE :
UNIQUE ARCHITECTS S.C.O-51(FIRST FLOOR), LEELA BHAWAN COMPLEX, PATIALA. Tel : 0175 - 2303447, Fax : 0175 - 2215535. E-mail : unique_arc@yahoo.co.in		
DEALT BY: Ar.Varinder	DATE: 26-02-2022	DWG NO.: R-01/6-03-2022





## **PLAN OF SWIMMING POOL AT PAVILION LEVEL**



OPTION-2

**CLIENT:**  
**YADAVINDRA PUBLIC SCHOOL**  
**PATIALA**

---

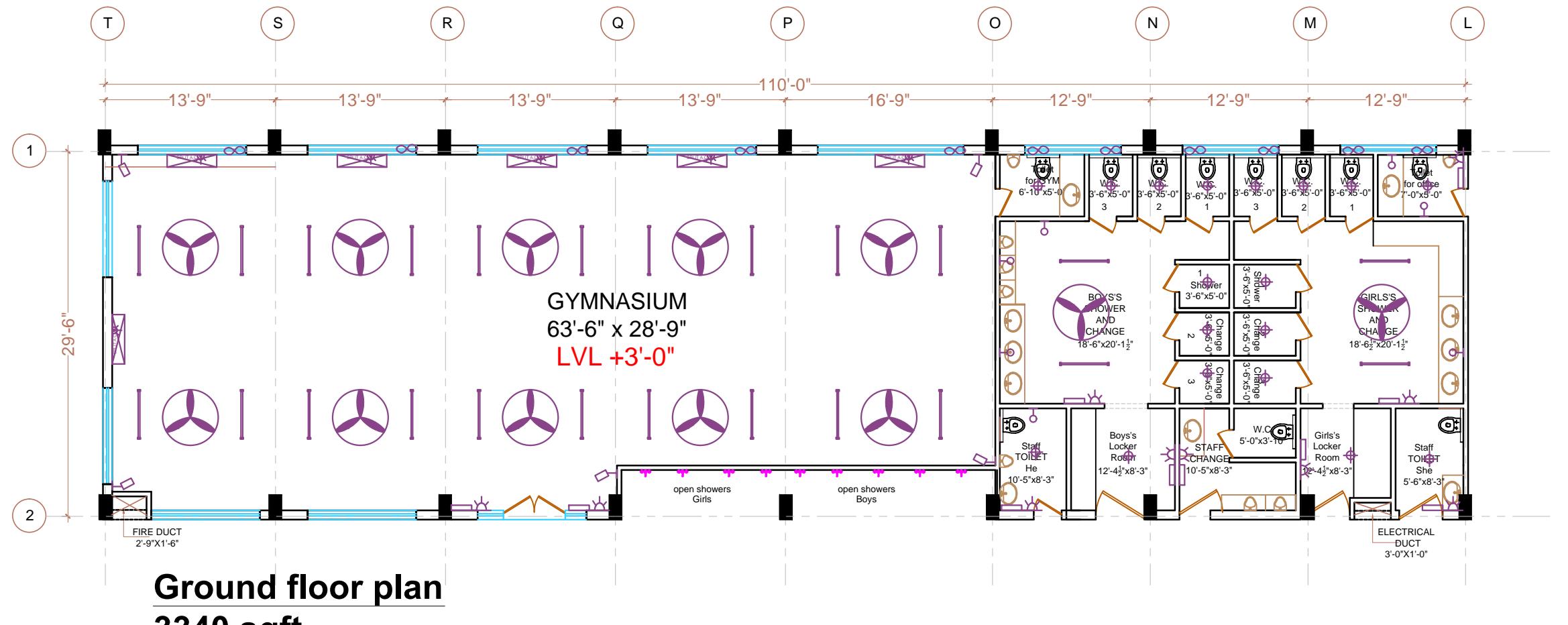
**PROJECT TITLE:**  
**SWIMMING POOL & GYM BLOCK**

**\*1'-6"**

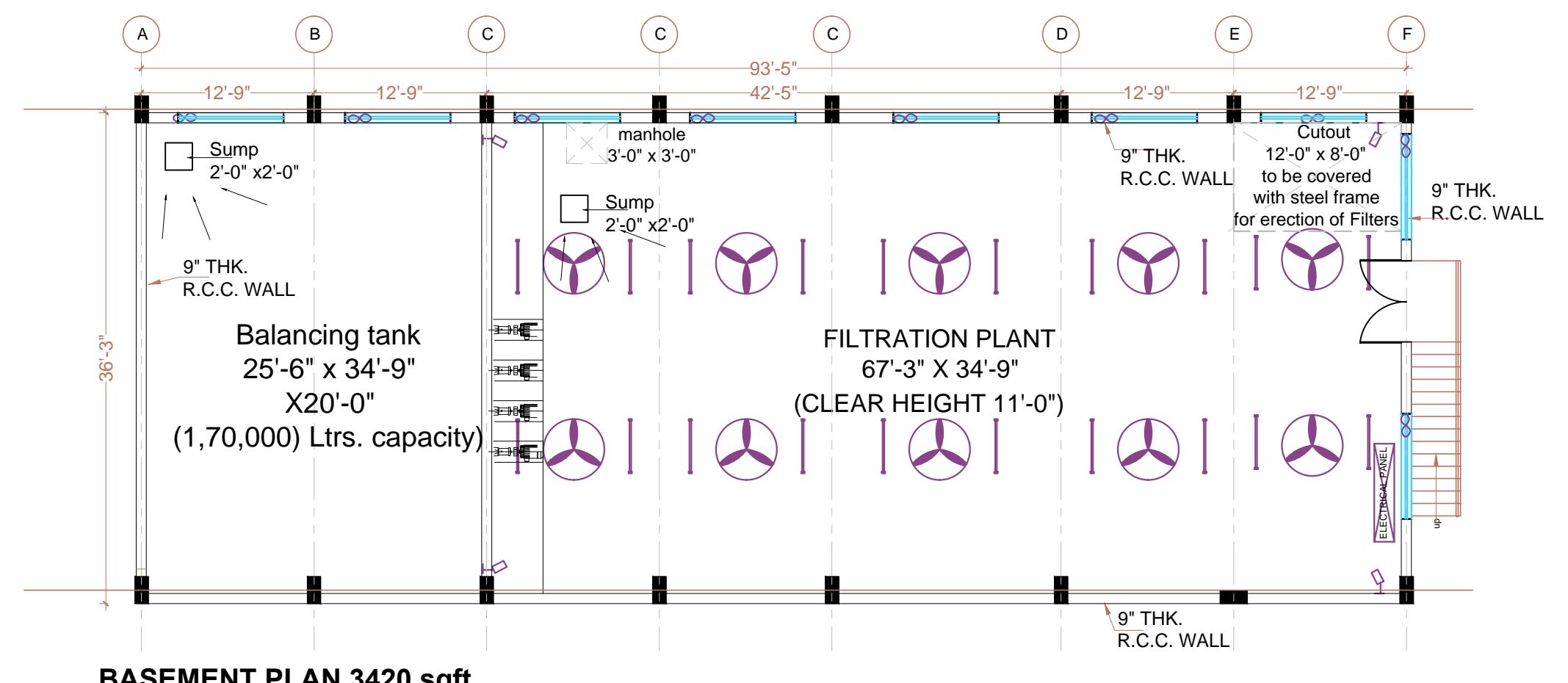
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**SHEET TITLE:**  
**GROUND FLOOR PLAN**

<b>CONSULTING ARCHITECTS:</b>		
	<b>UNIQUE ARCHITECTS</b>	
S.C.O-51(FIRST FLOOR), LEELA BHAWAN COMPLEX, PATIALA. Tel : 0175 - 2303447, Fax : 0175 - 2215535. E-mail : unique_arc@yahoo.co.in.		
DEALT BY: Ar.Varinder	DATE: 26-02-2022	DWG NO. : REV. NO. P-01/16-03-2022



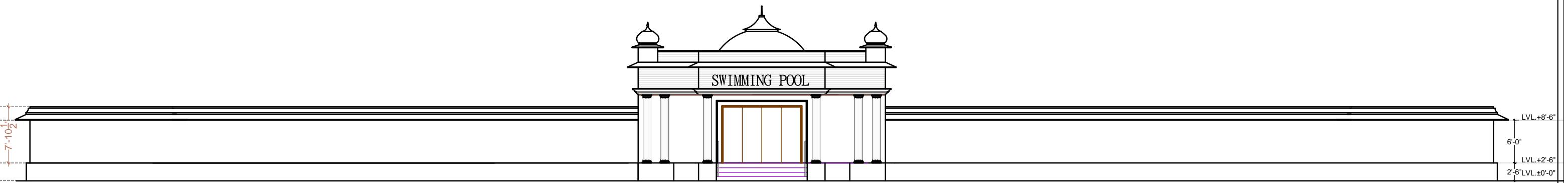
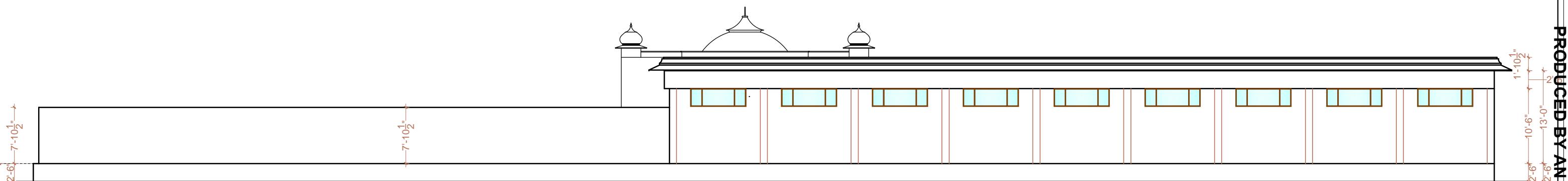
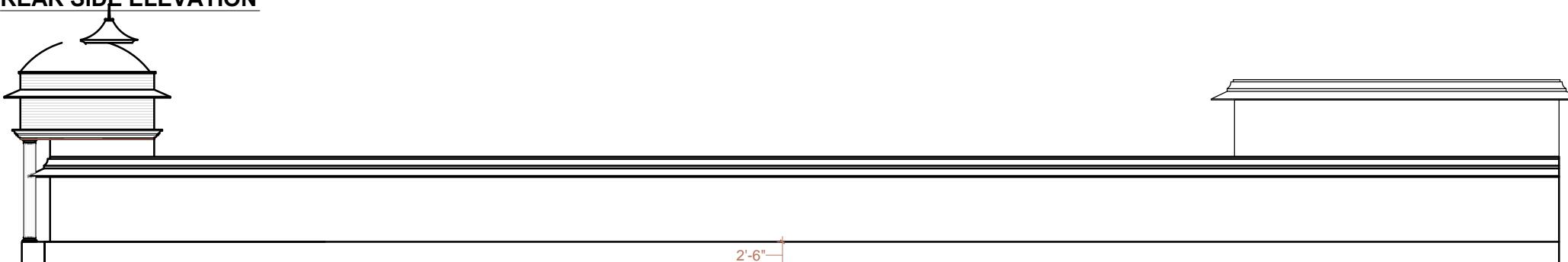
NO.	SYMBOL	DESCRIPTION	HEIGHT
1		15 AMP PLUG POINT FOR SPLIT A.C & GYESER	+8'-0"
2		6 AMP PLUG POINT	+3'-0"
3		SWITCH BOARD	+4'-6"
4		EXHAUST FAN	ABOVE 9'-0"
5		CEILING FAN	CEILING
6		ceiling light	CEILING
DINING			
1		6 AMP PLUG POINT	+3'-0"
2		SWITCH BOARD	+4'-6"
3		CONTROL SWITCH FOR CASSETTE A.C	+4'-6"
STORE			
1		6 AMP PLUG POINT	+1'-10"
2		SWITCH BOARD	+4'-6"
3		CEILING FAN	CEILING
4		BRACKETLIGHT	ABOVE 8'-0"
DRESS			
1		6 AMP PLUG POINT	+1'-10"
3		SWITCH BOARD	+4'-6"
4		CEILING FAN	CEILING
6		BRACKETLIGHT	ABOVE 8'-0"
7		C.C.T.V.	FALSE CEILING LEVEL
8		AIR CONDITIONER	+8'-0"

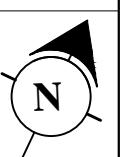


## **BASEMENT PLAN 3420 sqf**

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

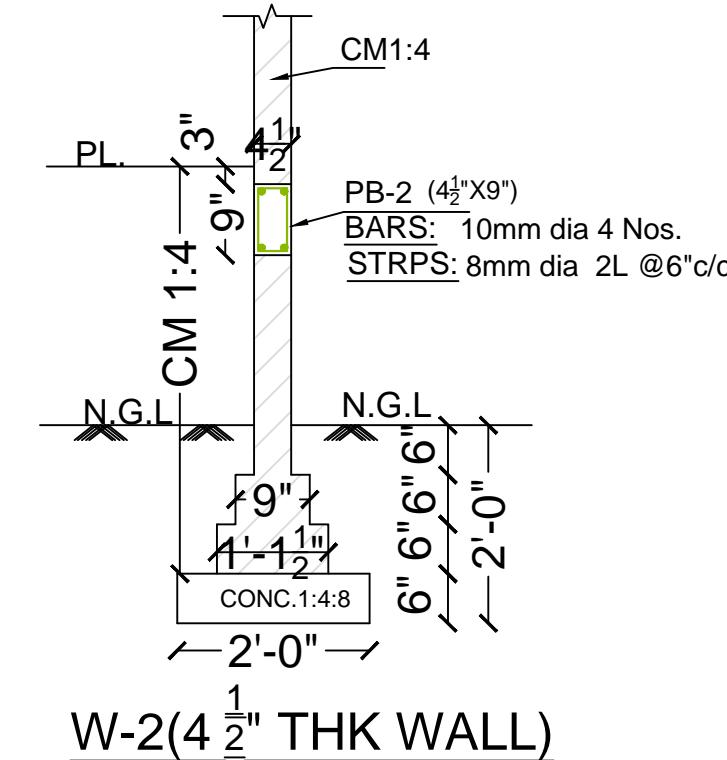
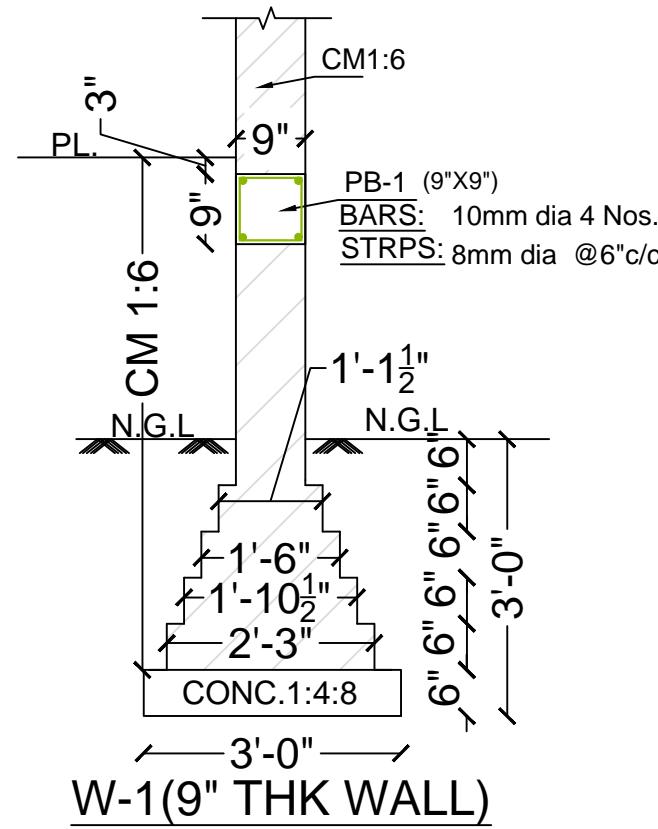
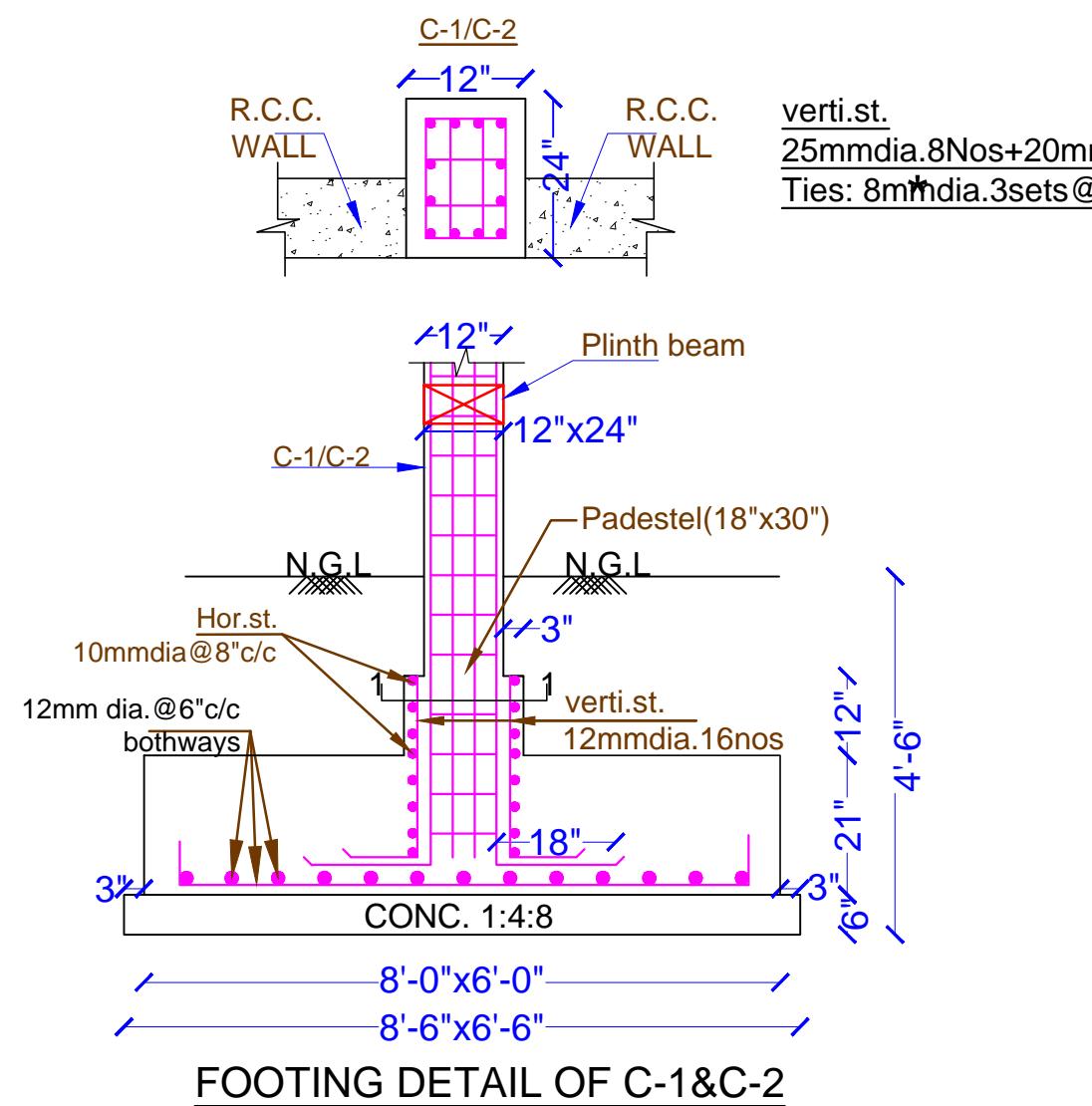
<u>CLIENT:</u>	<b>YADAVINDRA PUBLIC SCHOOL PATIALA</b>		
<u>PROJECT TITLE:</u>	SWIMMING POOL & GYM BLOCK		
<u>SHEET TITLE:</u>	ELECTRICAL PLANS		
<u>CONSULTING ARCHITECTS:</u>		SCALE :	
 <b>UNIQUE ARCHITECTS</b> S.C.O-51(FIRST FLOOR), LEELA BHAWAN COMPLEX, PATIALA. Tel : 0175 - 2303447, Fax : 0175 - 2215535. E-mail : unique_arc@yahoo.co.in.			
DEALT BY: Ar.Varinder	DATE: 26-02-2022	DWG NO.:	
		REV. NO.:	R-01/16-03-2022

**ELEVATION****REAR SIDE ELEVATION****RIGHT SIDE ELEVATION****LEFT SIDE ELEVATION**

<b>CLIENT:</b>	<b>YADAVINDRA PUBLIC SCHOOL PATIALA</b>	
<b>PROJECT TITLE:</b>	<b>SWIMMING POOL &amp; GYM BLOCK</b>	
<b>SHEET TITLE:</b>	<b>Elevations</b>	
<b>CONSULTING ARCHITECTS:</b>	 <b>UNIQUE ARCHITECTS</b> S.C.O-51(FIRST FLOOR), LEELA BHAWAN COMPLEX, PATIALA. Tel : 0175 - 2303447, Fax : 0175 - 2215535. E-mail : unique_arc@yahoo.co.in	<b>SCALE :</b>
<b>DEALT BY:</b>	<b>DATE:</b> 26-02-2022	<b>DWG NO.:</b> R-01/16-03-2022
		

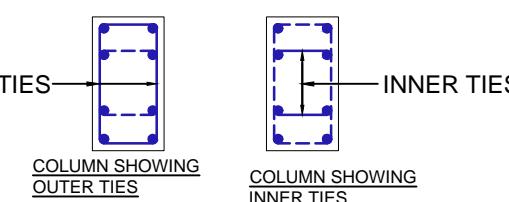
**NOTES:-**

1. DIMENSIONS ARE TO BE READ NOT TO BE SCALED.
2. CONTRACTOR IS TO CHECK ALL DIMENSIONS BEFORE EXECUTION OF WORK.
3. Ø INDICATES THE DIA OF HYSD BARS OF GRADE Fe 500 REFER TO IS: I786,2008
4. FOR CENTER LINE DIMENSIONS REFER ARCH.DRG'S.
5. NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
6. LAP LENGTH / ANCHORAGE LENGTH:  
 (i) 50d IN CASE OF FOUNDATION,BEAM & SLAB  
 (ii)45d IN CASE OF COLUMNS WHERE 'd' IS DIA OF BARS.
7. CLEAR COVER TO REINF.:  
 (i) FOUNDATION = 60mm (BOTTOM),30mm(SIDE),25mm(TOP)  
 (ii) COLUMN = 40mm  
 (iii) BEAM = 30mm  
 (iv) SLAB = 25mm
8. a) EXTRA BARS TO BE EXTENDED 0.3L ON EITHER SIDE OF SUPPORTING BEAM OR COLUMN STRIP EDGE LINE JOINING COLUMNS.  
 b) BENDING OF CRANBARS WHERE EVER REQUIRED 150mm(BOTTOM),150-2L FROM EDGE LINE OF SUPPORTING BEAMS.
9. CONC. USED IS M30
10. ALL DIMENSIONS ARE IN MILLIMETERS OTHERWISE SPECIFIED.
11. CEMENT MORTAR USED IN:  
 a) 230ftk. Walls: CM 1:6  
 b) 115ftk. Walls: CM 1:4
12. SBC OF SOIL IS 10.0t/m<sup>2</sup>

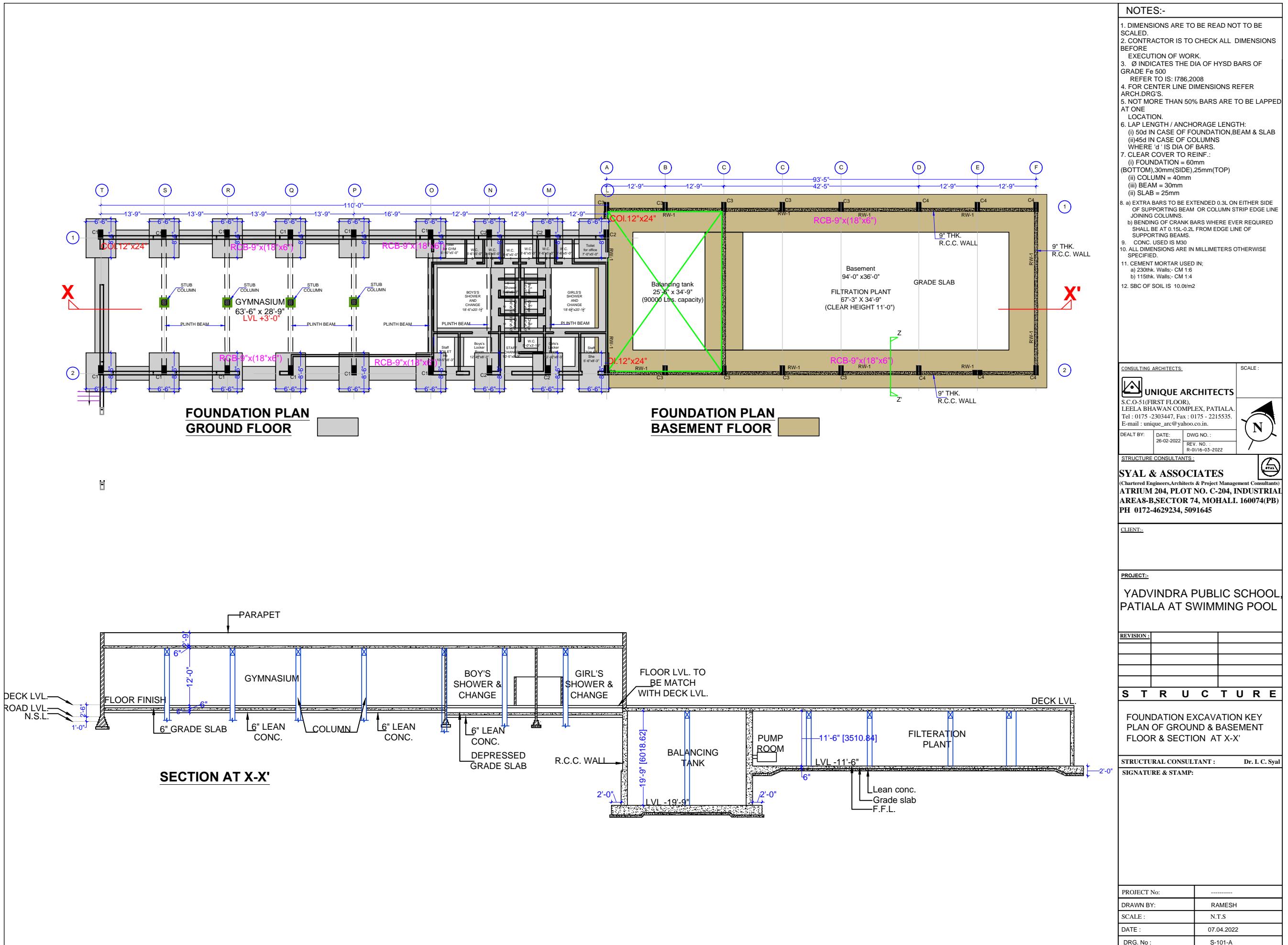


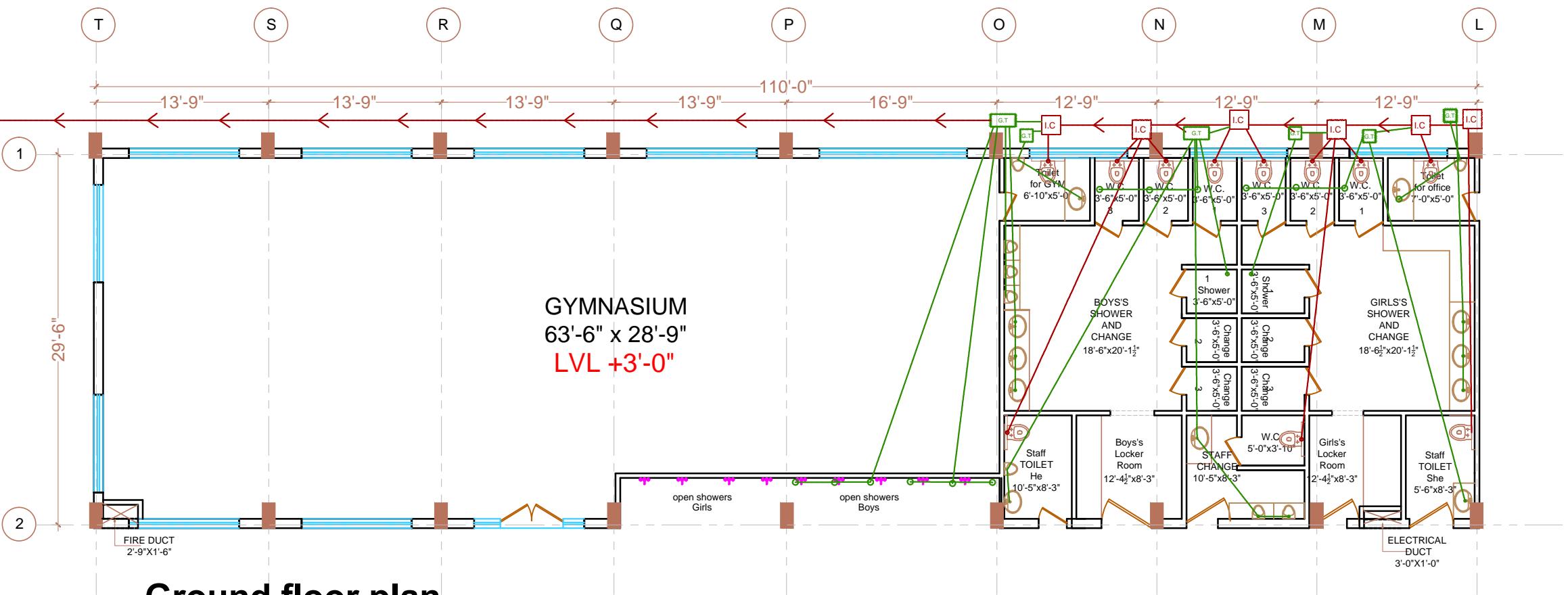
\* = TIES IN ALL STOREYS:-

OUTER TIES: SPACING @ 4" c/c THROUGHOUT HEIGHT  
 & INNER TIES: SPACING @ 4" c/c IN H/6 (TOP & BOTTOM)  
 IN STOREY CLEAR HEIGHT 'H'  
 IN BALANCE HEIGHT OF SPACING @ 8" c/c

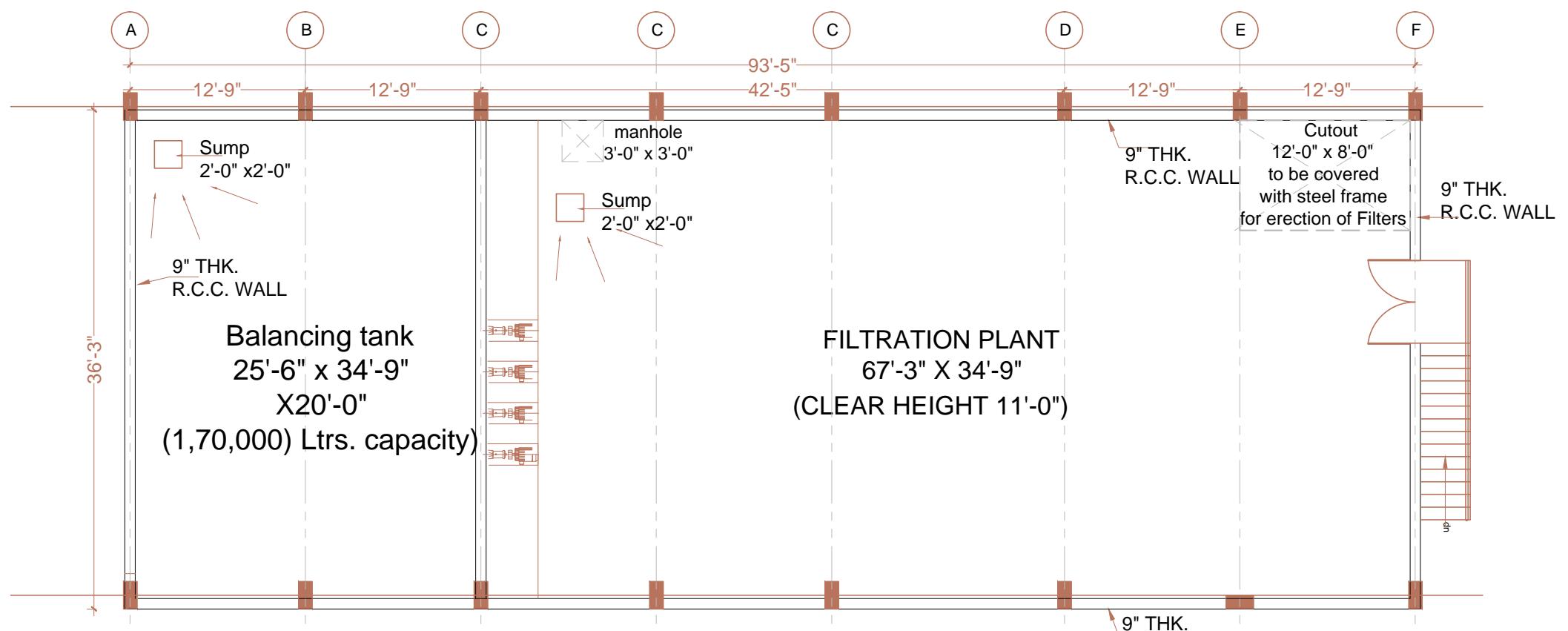


CONSULTING ARCHITECTS:	UNIQUE ARCHITECTS	SCALE :
S.C.O-51(FIRST FLOOR), LEELA BHAWAN COMPLEX, PATIALA. Tel: 0175 -2303447, Fax: 0175 - 2215535. E-mail : unique_arc@yahoo.co.in.		
DEALT BY:	DATE: 26-02-2022	DWG NO.: REV. NO.: P.R/16-03-2022
STRUCTURE CONSULTANTS:		N
SYAL & ASSOCIATES (Chartered Engineers,Architects & Project Management Consultants) atrium 204, plot no. C-204, industrial area 8-B, sector 74, Mohali 160074(PB) Ph 0172-4629234, 5091645		
CLIENT:-		
PROJECT:-	YADVINDRA PUBLIC SCHOOL, PATIALA AT SWIMMING POOL	
REVISION:		
S T R U C T U R E		
GROUND LEVEL FOOTING DETAILS		
STRUCTURAL CONSULTANT :	Dr. I. C. Syal	
SIGNATURE & STAMP:		
PROJECT No:	-----	
DRAWN BY:	RAMESH	
SCALE :	N.T.S	
DATE :	07.04.2022	
DRG. No:	S-102	





**Ground floor plan**  
**3340 sqft**

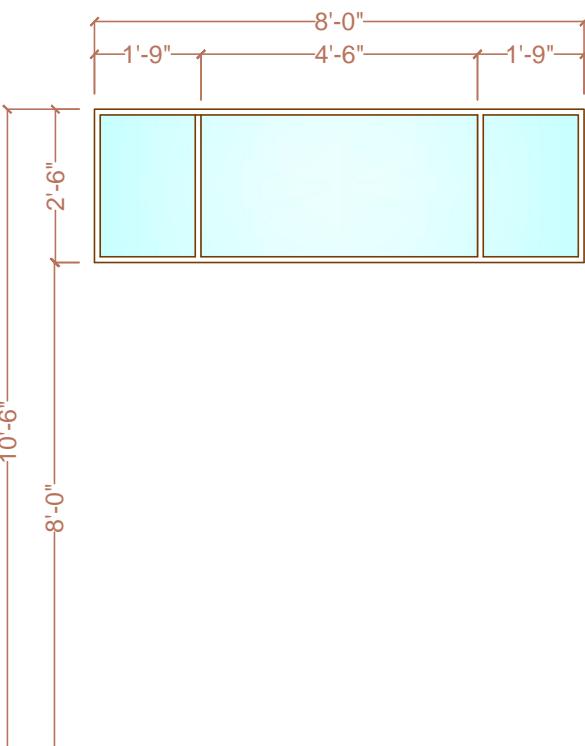


**BASEMENT PLAN 3420 sqft**

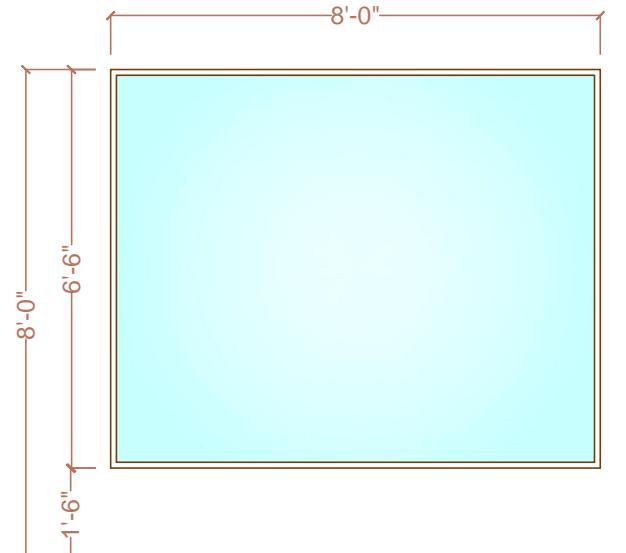
CLIENT: <b>YADAVINDRA PUBLIC SCHOOL PATIALA</b>	SCALE :
PROJECT TITLE: <b>SWIMMING POOL &amp; GYM BLOCK</b>	
SHEET TITLE: <b>GROUND AND BASEMENT PLAN</b>	
CONSULTING ARCHITECTS: <b>UNIQUE ARCHITECTS</b>	SCALE :
S.C.O-51(FIRST FLOOR), LEELA BHAWAN COMPLEX, PATIALA. Tel : 0175 - 2303447, Fax : 0175 - 2215535. E-mail : unique_arc@yahoo.co.in.	
DEALT BY: Ar.Varinder	DATE: 26-02-2022
	DWG NO.:
	REV. NO. : R-01/16-03-2022

## SCHEDULE OF JOINERY

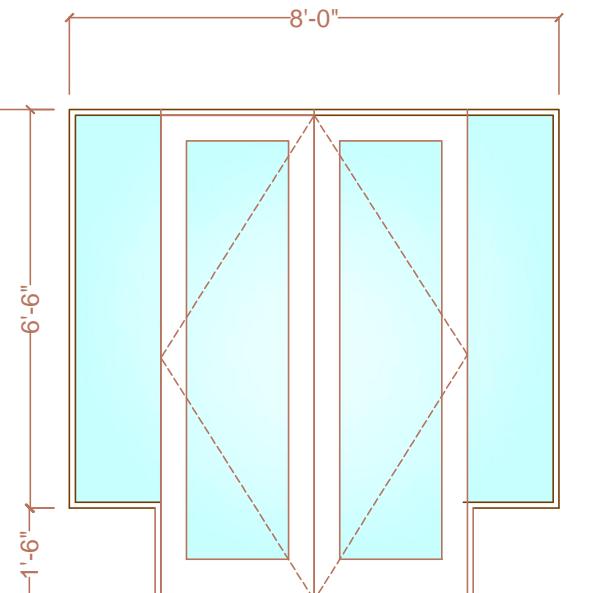
S.No	Size	Cill	Top	Qty.
DG-1	8'-0" x 8'-0"	0"	8'-0"	2
DG-2	13'-0" x 8'-0"	0"	8'-0"	1
D-1	3'-6" x 8'-0"	0"	8'-0"	3
D-2	2'-6" x 8'-0"	0"	8'-0"	4
W-1	8'-0" x 6'-6"	1'-6"	8'-0"	2
V-1	8'-0" x 2'-6"	8'-0"	10'-6"	12



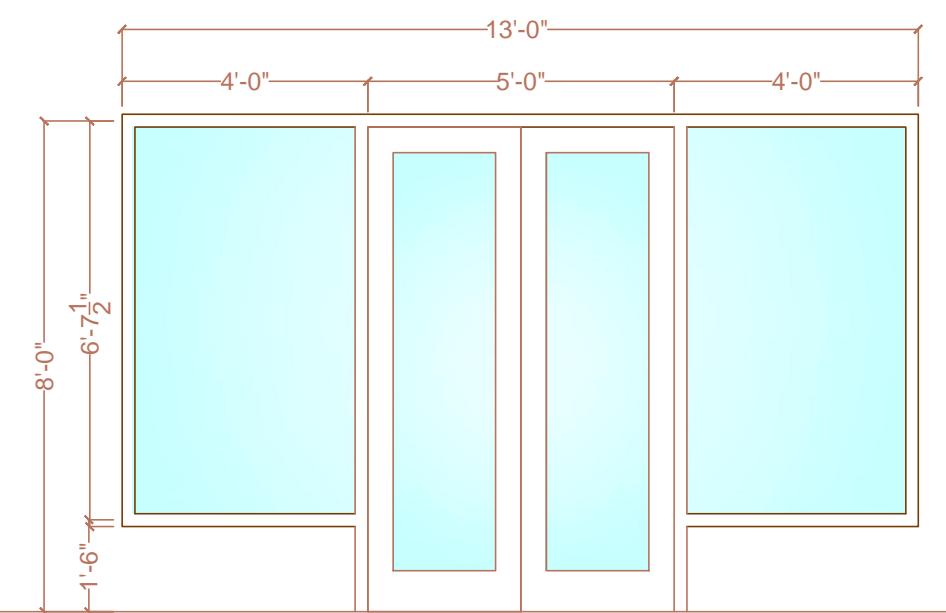
V-1(8'-0" x 2'-6")  
Qty-12



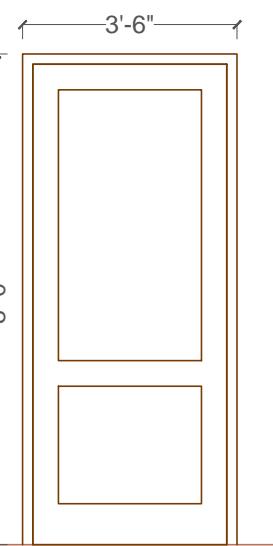
W-1(8'-0" x 6'-6")  
Qty-2



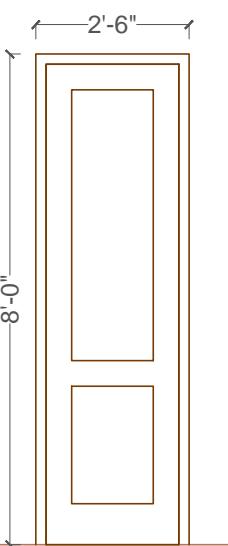
DG-1(8'-0" x 8'-0")  
Qty-02



DG-2(13'-0" x 8'-0")  
Qty-02



D-1  
3'-6" x 8'-0"  
Qty.4



D-2  
2'-6" x 8'-0"  
Qty.3

CLIENT:  
**YADAVINDRA PUBLIC SCHOOL  
PATIALA**

PROJECT TITLE:  
**SWIMMING POOL & GYM BLOCK**

SHEET TITLE:  
**PART FLOOR PLAN & SECTIONS**

CONSULTING ARCHITECTS:

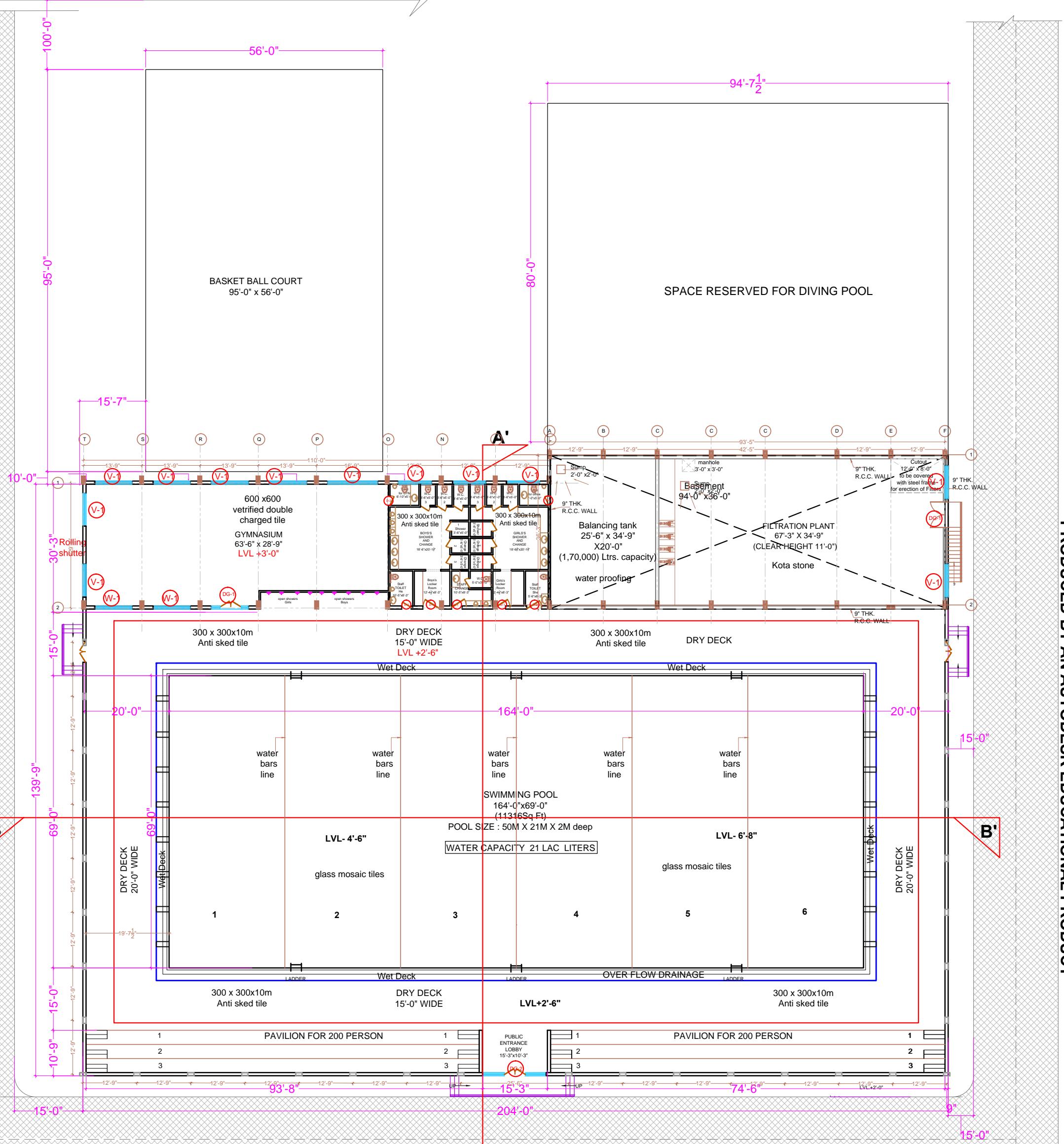


**UNIQUE ARCHITECTS**  
S.C.O-51(FIRST FLOOR),  
LEELA BHAWAN COMPLEX, PATIALA.  
Tel : 0175 - 2303447, Fax : 0175 - 2215535.  
E-mail : unique\_arc@yahoo.co.in.

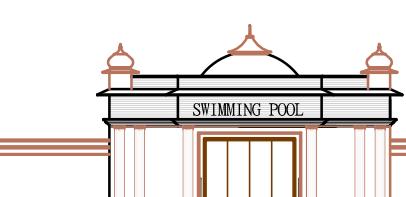
SCALE :

N

DEALT BY: DATE: DWG NO.:  
26-02-2022 REV. NO.:  
R-01/16-03-2022

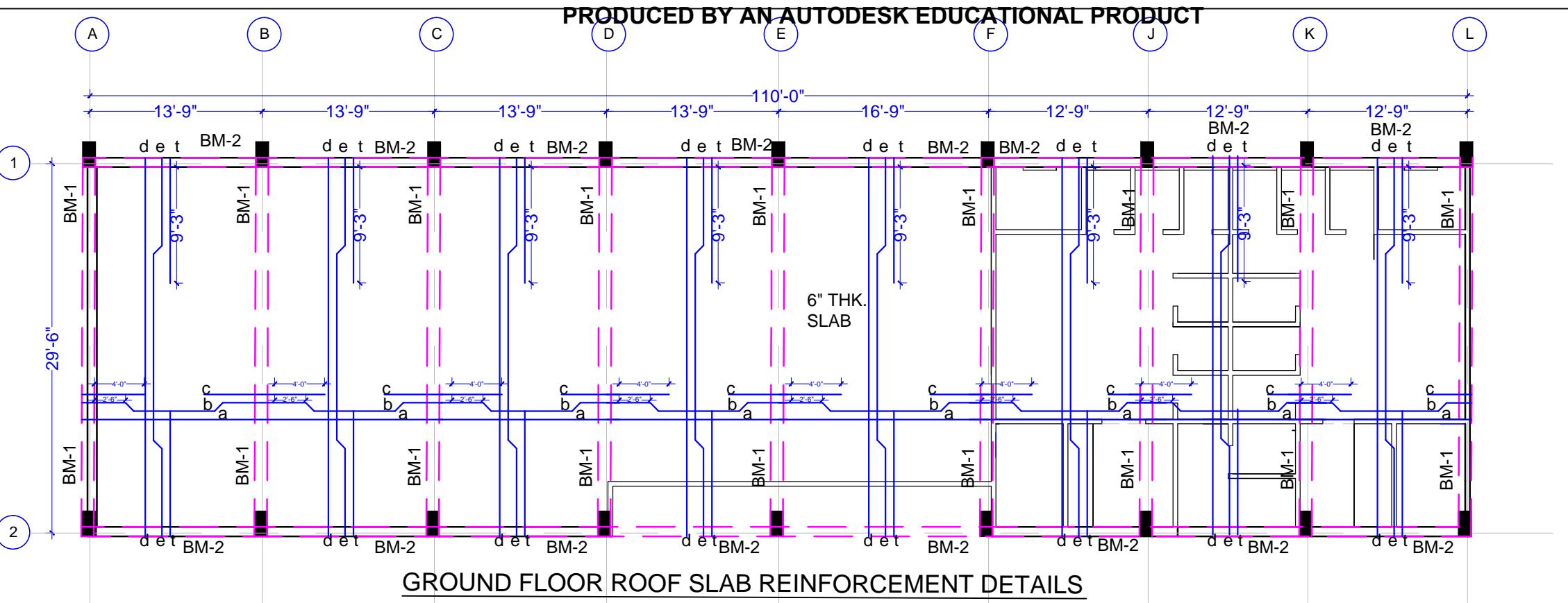


A



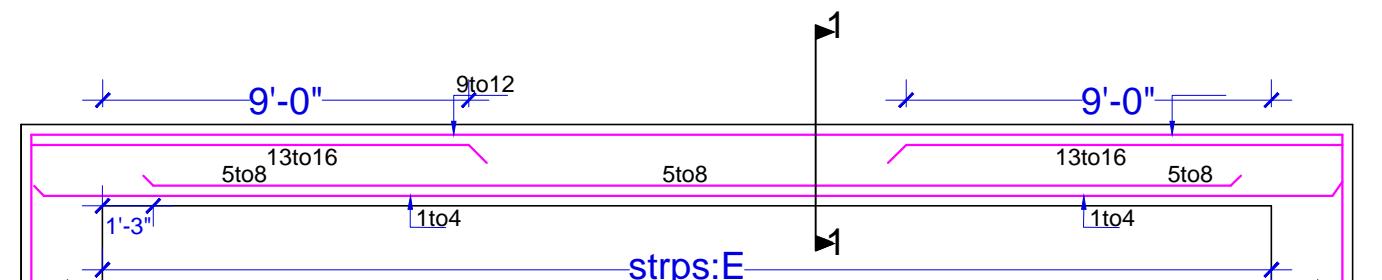
<b>CLIENT:</b> <b>YADAVINDRA PUBLIC SCHOOL PATIALA</b>		
<b>PROJECT TITLE:</b> <b>SWIMMING POOL&amp; GYM BLOCK</b>		
<b>SHEET TITLE:</b> <b>GROUND FLOOR PLAN</b>		
<b>CONSULTING ARCHITECTS:</b>  <b>UNIQUE ARCHITECTS</b> S.C.O-51(FIRST FLOOR), LEELA BHAWAN COMPLEX, PATIALA. Tel : 0175 - 2303447, Fax : 0175 - 2215535. E-mail : unique_arc@yahoo.co.in	<b>SCALE :</b>	
<b>DEALT BY:</b> Ar.Varinder	<b>DATE:</b> 26-02-2022	<b>DWG NO.:</b>
		<b>REV. NO.:</b> R-01/16-03-2022

SCHEDULE OF JOINERY					
S.No	Size	Cill	Top	Qty.	
DG-1	8'-0" x 8'-0"	0"	8'-0"	2	
DG-2	13'-0" x 8'-0"	0"	8'-0"	1	
D-1	3'-6" x 8'-0"	0"	8'-0"	3	
D-2	2'-6" x 8'-0"	0"	8'-0"	4	
W-1	8'-0" x 6'-6"	1'-6"	8'-0"	2	
V-1	8'-0"x2'-6"	8'-0"	10'-6"	12	

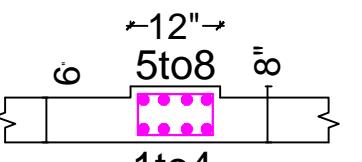


**NOTES:-**

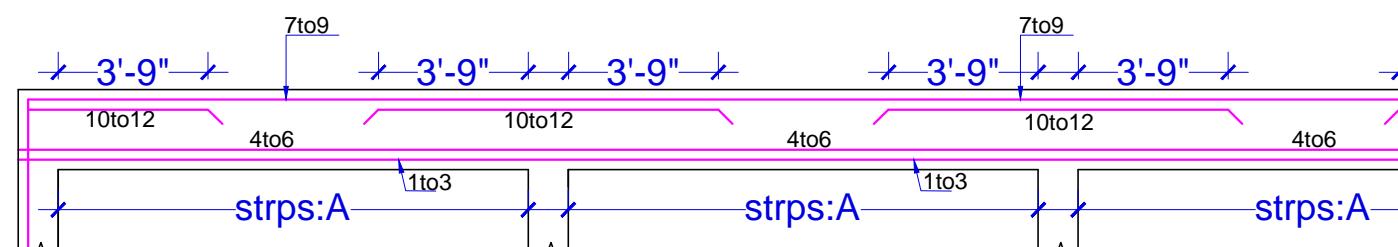
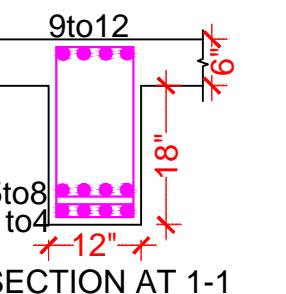
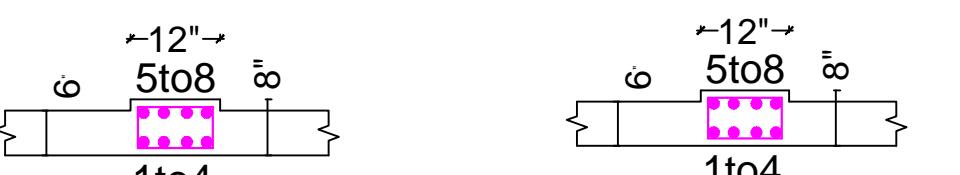
1. DIMENSIONS ARE TO BE READ NOT TO BE SCALED.
2. CONTRACTOR IS TO CHECK ALL DIMENSIONS BEFORE EXECUTION OF WORK.
3. Ø INDICATES THE DIA OF HYSD BARS OF GRADE Fe 500 REFER TO IS: 1786,2008
4. FOR CENTER LINE DIMENSIONS REFER ARCH.DRG'S.
5. NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
6. LAP LENGTH / ANCHORAGE LENGTH:
  - (i) 50d IN CASE OF FOUNDATION, BEAM & SLAB
  - (ii) 45d IN CASE OF COLUMNS WHERE 'd' IS DIA OF BARS.
7. CLEAR COVER TO REINF.:
  - (i) FOUNDATION = 60mm (BOTTOM), 30mm(SIDE), 25mm(TOP)
  - (ii) COLUMN = 40mm
  - (iii) BEAM = 30mm
  - (iv) SLAB = 25mm
8. a) EXTRA BARS TO BE EXTENDED 0.3L ON EITHER SIDE OF SUPPORTING BEAM OR COLUMN STRIP EDGE LINE JOINING COLUMNS.
- b) BENDING OF CRANK BARS WHERE EVER REQUIRED SHALL BE AT 0.15L-0.2L FROM EDGE LINE OF SUPPORTING BEAMS.
9. CONC. USED IS M25
10. ALL DIMENSIONS ARE IN MILLIMETERS OTHERWISE SPECIFIED.
11. CEMENT MORTAR USED IN:
  - a) 230thk. Walls: CM 1:6
  - b) 115thk. Walls: CM 1:4
12. SBC OF SOIL IS 10.0t/m<sup>2</sup>



**BM-1(12"x24")**  
Bars:1to16=25mmØ  
Strps:10mdia.4L12NOs.@4"c/c+rest @8"c/c

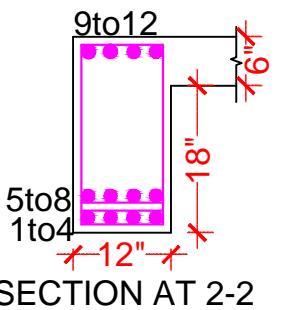
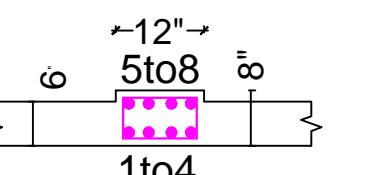


**STB-1 (12"x7 $\frac{1}{2}$ "),**  
Bars:1to8=20mmdia.  
Strps'10mmdia.2L@6"c/c



**BM-2(9"x24")**  
Bars:1to12=16mmØ  
Strps:8mmdia.2L12NOs.@4"c/c+rest @8"c/c

**STB-2 (12"x7 $\frac{1}{2}$ "),**  
Bars:1to8=20mmdia.  
Strps'10mmdia.2L@6"c/c



DETAIL OF SLAB	
SLAB THICKNESS = 6"thk.	CONC. USED = M25.
SCHEDULE OF BARS	
a = 10mm dia. @ 12"c/c	(B) Net spacing
b = 10mm dia. @ 12"c/c	(C) @ 6"c/c
c = 12mm dia. @ 12"c/c	(B) Net spacing
d = 10mm dia. @ 16"c/c	(C) @ 8"c/c
e = 10mm dia. @ 16"c/c	(T) Net spacing
f = 10mm dia. @ 16"c/c	
Holding Bars = 10mm dia. @ 8"c/c	
NOTE:	
B	Bottom
C	Crank
T	Top

**STRUCTURE CONSULTANTS:-**  
**SYAL & ASSOCIATES**  
(Chartered Engineers, Architects & Project Management Consultants)  
atrium 204, plot no. c-204, industrial area-b, sector 74, Mohali, 160074(PB)  
ph 0172-4629234, 5091645

**CLIENT:-**

**PROJECT:-**  
YADVINDRA PUBLIC SCHOOL,  
PATIALA AT SWIMMING POOL

**REVISION:-**

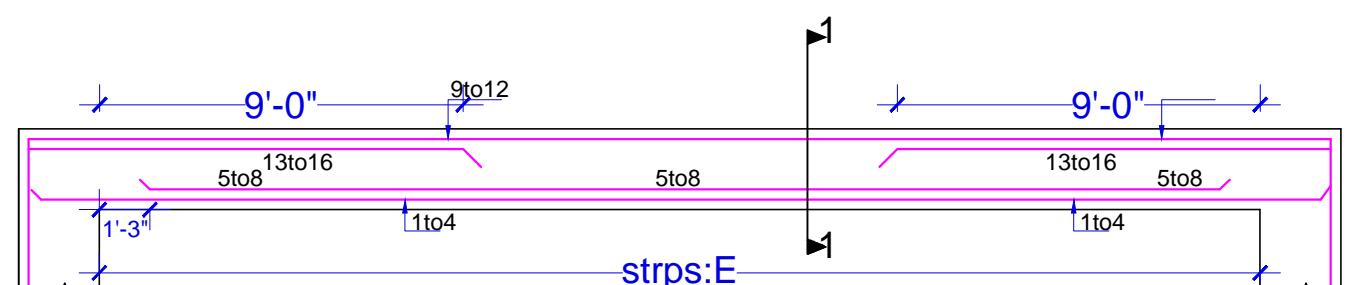
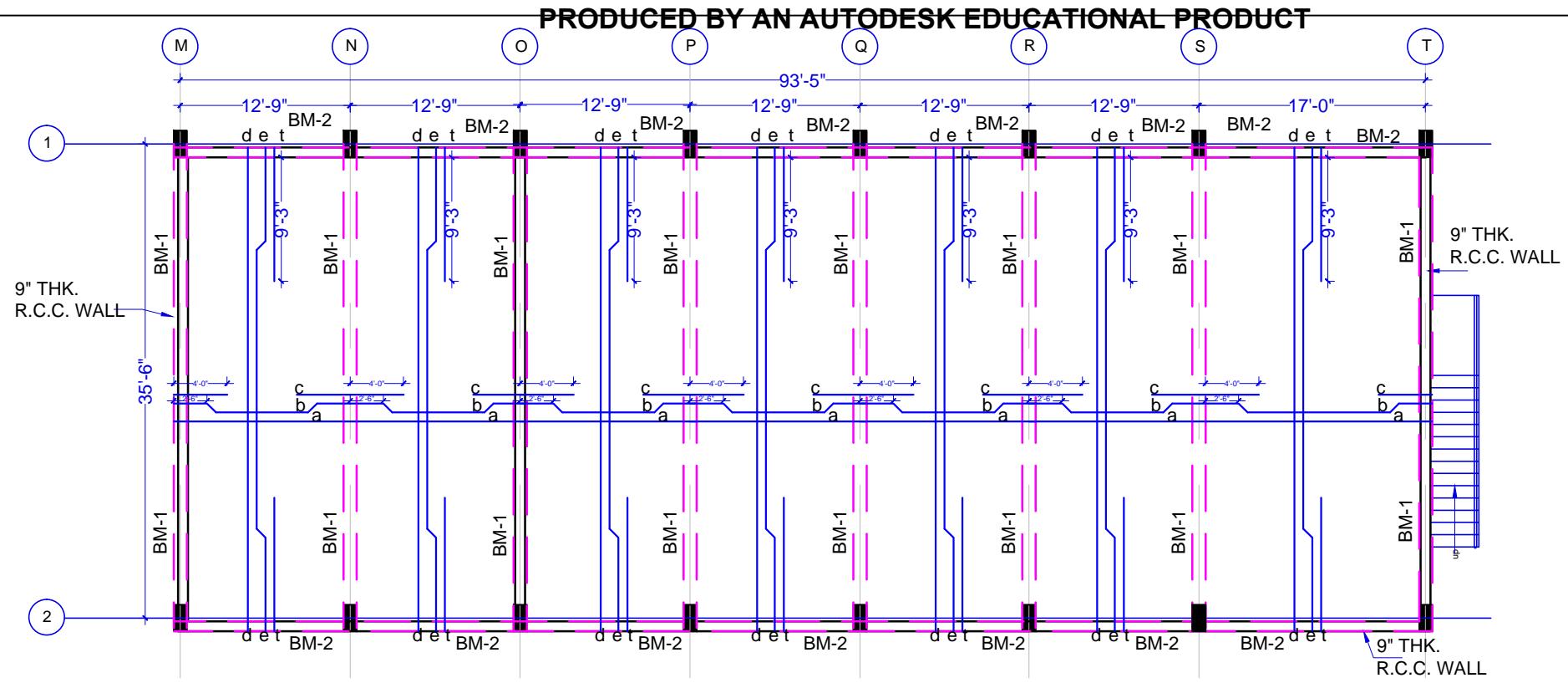
**S T R U C T U R E**

**GROUND FLOOR ROOF SLAB AND BEAM REINFORCEMENT DETAIL**

**STRUCTURAL CONSULTANT :** Dr. I. C. Syal  
**SIGNATURE & STAMP:**

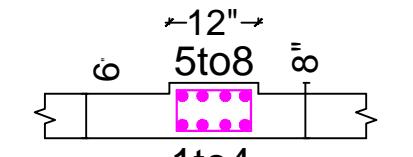
PROJECT No:	-----
DRAWN BY:	RAMESH
SCALE:	N.T.S
DATE :	7.04.2022
DRG. No :	S-101/01

NOTES:-
1. DIMENSIONS ARE TO BE READ NOT TO BE SCALED.
2. CONTRACTOR IS TO CHECK ALL DIMENSIONS BEFORE EXECUTION OF WORK.
3. Ø INDICATES THE DIA OF HYSD BARS OF GRADE Fe 500 REFER TO IS: 1786,2008
4. FOR CENTER LINE DIMENSIONS REFER ARCH.DRG'S.
5. NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
6. LAP LENGTH / ANCHORAGE LENGTH: (i) 50d IN CASE OF FOUNDATION,BEAM & SLAB (ii)45d IN CASE OF COLUMNS WHERE 'd' IS DIA OF BARS.
7. CLEAR COVER TO REINF.: (i) FOUNDATION = 60mm (BOTTOM),30mm(SIDE),25mm(TOP) (ii) COLUMN = 40mm (iii) BEAM = 30mm (iv) SLAB = 25mm
8. a) EXTRA BARS TO BE EXTENDED 0.3L ON EITHER SIDE OF SUPPORTING BEAM OR COLUMN STRIP EDGE LINE JOINING COLUMNS. b) BENDING OF CRANK BARS WHERE EVER REQUIRED SHALL BE AT 0.15L-0.2L FROM EDGE LINE OF SUPPORTING BEAMS.
9. CONC. USED IS M25
10. ALL DIMENSIONS ARE IN MILLIMETERS OTHERWISE SPECIFIED.
11. CEMENT MORTAR USED IN: a) 230thk. Walls:- CM 1:6 b) 115thk. Walls:- CM 1:4
12. SBC OF SOIL IS 10.0t/m <sup>2</sup>

BM-1(12"x24")

Bars:1to16=25mmØ

Strps:10mm dia. 4L12NOs. @ 4" c/c + rest @ 8" c/c

STB-1 (12"x7½"),

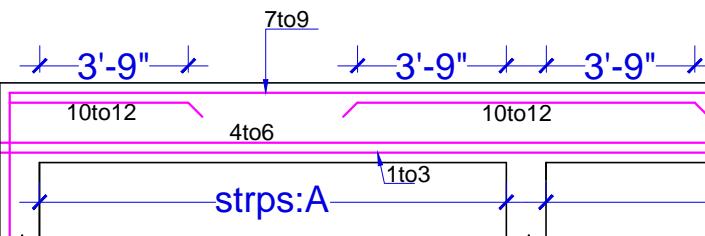
Bars:1to8=20mm dia.

Strps:10mm dia. 2L @ 6" c/c

STB-2 (12"x7½"),

Bars:1to8=20mm dia.

Strps:10mm dia. 2L @ 6" c/c

BM-2(9"x24")

Bars:1to12=16mmØ

Strps:8mm dia. 2L12NOs. @ 4" c/c + rest @ 8" c/c

DETAIL OF SLAB	
SLAB THICKNESS = 6"thk.	CONC. USED = M25.
SCHEDULE OF BARS	
a = 10mm dia. @ 12"c/c	(B) Net spacing
b = 10mm dia. @ 12"c/c	(C) @ 6"c/c
c = 12mm dia. @ 12"c/c	(B) Net spacing
d = 10mm dia. @ 16"c/c	(C) @ 8"c/c
e = 10mm dia. @ 16"c/c	(T) @ 10mm dia. @ 8"c/c
f = 10mm dia. @ 16"c/c	
Holding Bars = 10mm dia. @ 8"c/c	
NOTE:	
B	Bottom
C	Crank
T	Top

STRUCTURE CONSULTANTS:-  
**SYAL & ASSOCIATES**  
(Chartered Engineers, Architects & Project Management Consultants)  
ATRIUM 204, PLOT NO. C-204, INDUSTRIAL AREA-B, SECTOR 74, MOHALI. 160074(PB)  
PH 0172-4629234, 5091645

CLIENT:-  
**YADVINDRA PUBLIC SCHOOL, PATIALA AT SWIMMING POOL**

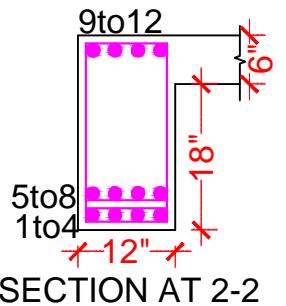
REVISION:-  
S T R U C T U R E

BASEMENT FLOOR ROOF SLAB AND BEAM REINFORCEMENT DETAIL

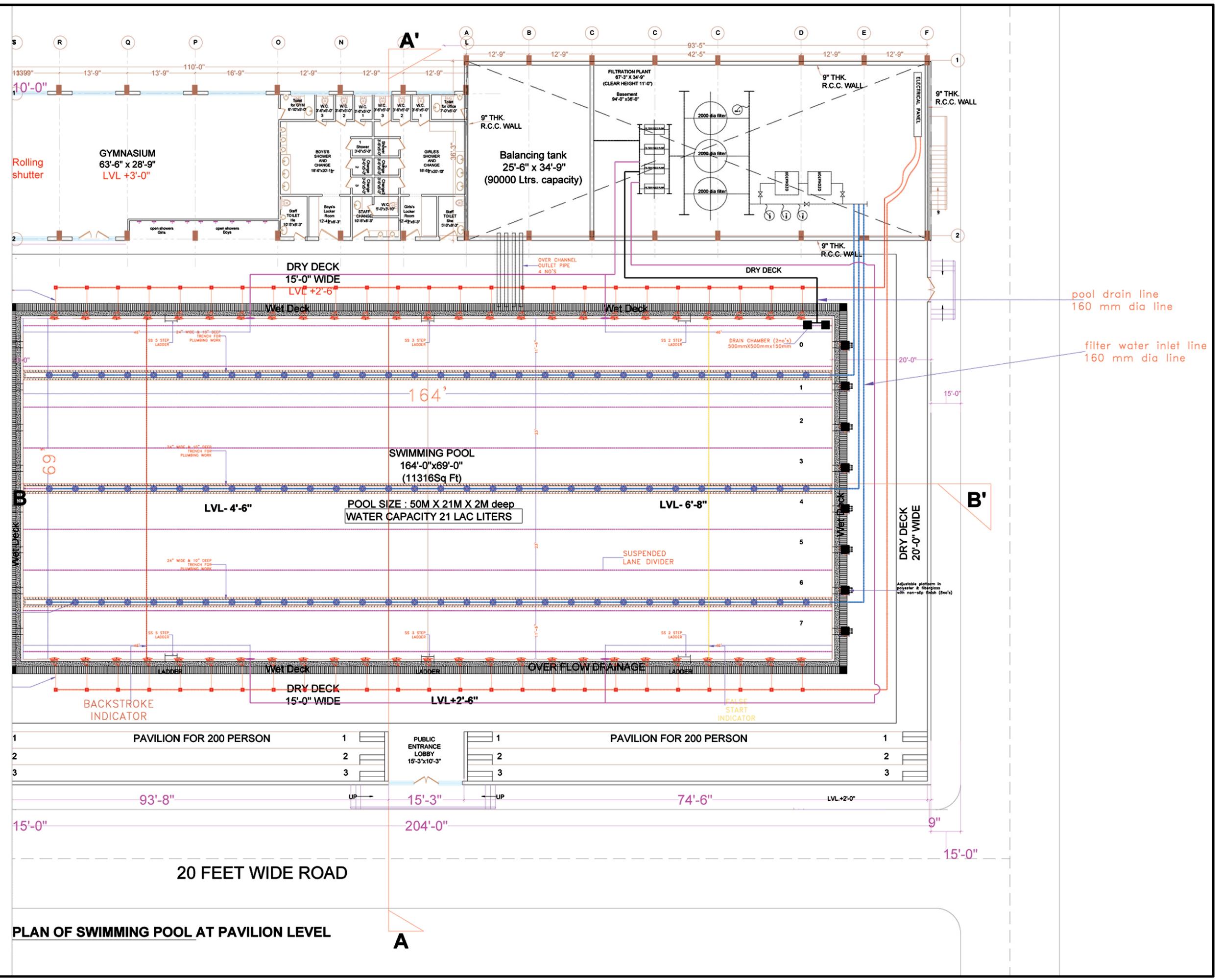
STRUCTURAL CONSULTANT : Dr. I. C. Syal

SIGNATURE & STAMP:

PROJECT No:	-----
DRAWN BY:	RAMESH
SCALE :	N.T.S
DATE :	7.04.2022
DRG. NO :	S-101/02



SECTION AT 2-2



CLIENT:

**PROJECT TITLE:**  
**INSTITUTIONAL**

**SHEET TITLE:**  
**SCHEMATIC PIPE LAYOUT PLAN**

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**CONSULTING ARCHITECTS:**



 **UNIQUE ARCHITECTS**  
S.C.O-51(FIRST FLOOR),  
LEELA BHAWAN COMPLEX, PATIALA.  
Tel : 0175 -2303447, Fax : 0175 - 2215535.  
E-mail : unique arc@yahoo.co.in.

5

DEALT BY: DATE: DWG NO.: HS-1  
Varinder 06-01-2022 REV. NO.: R-00

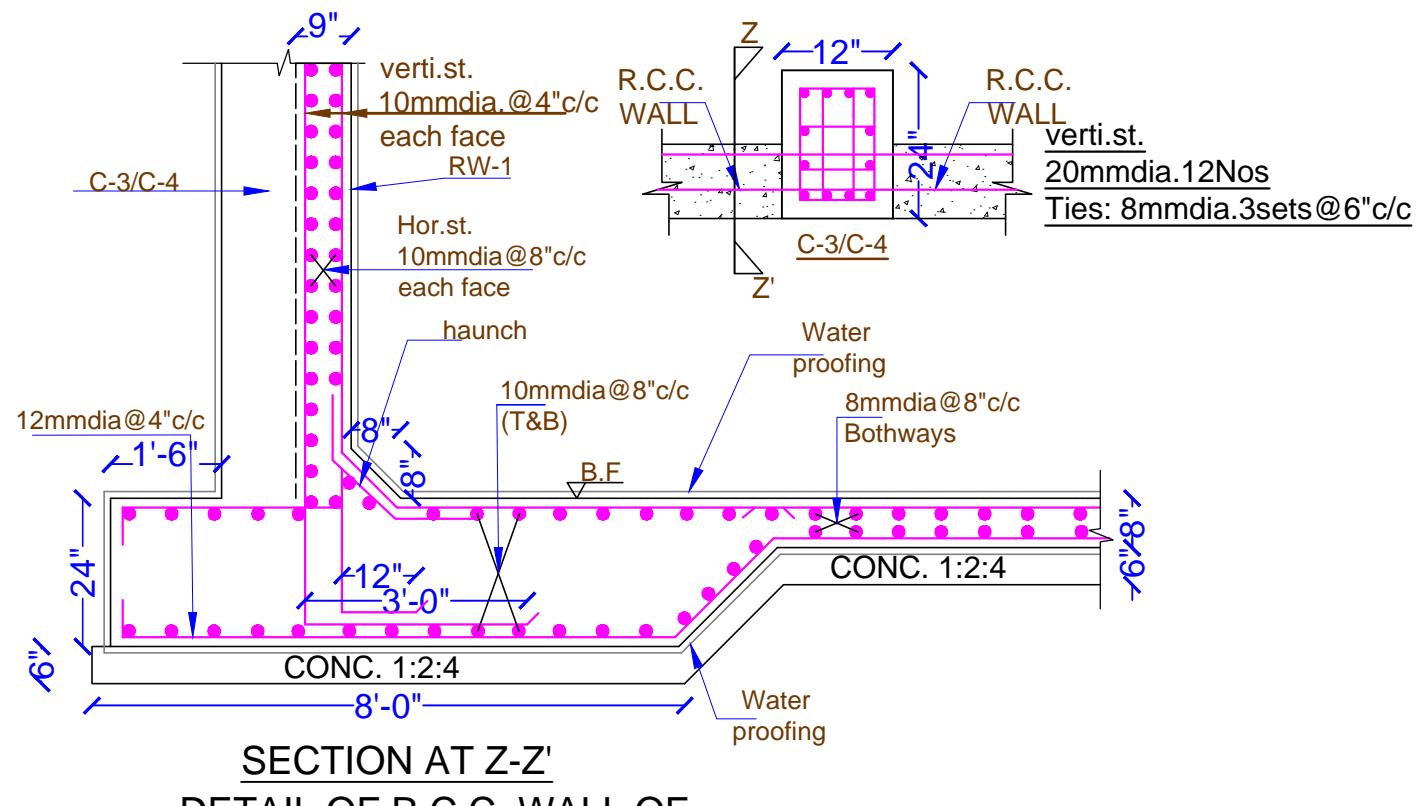
REV. NO. TR-00

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Digitized by srujanika@gmail.com

**NOTES:-**

1. DIMENSIONS ARE TO BE READ NOT TO BE SCALED.
2. CONTRACTOR IS TO CHECK ALL DIMENSIONS BEFORE EXECUTION OF WORK.
3. Ø INDICATES THE DIA OF HYSD BARS OF GRADE Fe 500  
REFER TO IS: I786,2008
4. FOR CENTER LINE DIMENSIONS REFER ARCH.DRG'S.
5. NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
6. LAP LENGTH / ANCHORAGE LENGTH:  
(i) 50d IN CASE OF FOUNDATION, BEAM & SLAB  
(ii) 45d IN CASE OF COLUMNS WHERE 'd' IS DIA OF BARS.
7. CLEAR COVER TO REINF.:  
(i) FOUNDATION = 60mm (BOTTOM), 30mm(SIDE), 25mm(TOP)  
(ii) COLUMN = 40mm  
(iii) BEAM = 30mm  
(iv) SLAB = 25mm
8. a) EXTRA BARS TO BE EXTENDED 0.3L ON EITHER SIDE OF SUPPORTING BEAM OR COLUMN STRIP EDGE LINE JOINING COLUMNS.  
b) BENDING OF CRANK BARS WHERE EVER REQUIRED SHALL BE AT 0.15L-0.2L FROM EDGE LINE OF SUPPORTING BEAMS.
9. CONC. USED IS M
10. ALL DIMENSIONS ARE IN FEET AND INCH OTHERWISE SPECIFIED.
11. CEMENT MORTAR USED IN:  
a) 230tk. Walls: CM 1:6  
b) 115tk. Walls: CM 1:4
12. SBC OF SOIL IS t/m<sup>2</sup>



CONSULTING ARCHITECTS:	SCALE :
<b>UNIQUE ARCHITECTS</b> S.C.O-51(FIRST FLOOR), LEELA BHAWAN COMPLEX, PATIALA. Tel: 0175 - 2303447, Fax: 0175 - 2215535. E-mail : unique_arc@yahoo.co.in.	
DEALT BY:	DATE: 26-02-2022 DWG NO.: REV. NO.: R-01/16-03-2022
STRUCTURE CONSULTANTS:	
<b>SYAL &amp; ASSOCIATES</b> (Chartered Engineers, Architects & Project Management Consultants) ATRIUM 204, PLOT NO. C-204, INDUSTRIAL AREA-B, SECTOR 74, MOHALI. 160074(PB) PH 0172-4629234, 5091645	
CLIENT:-	
PROJECT:- YADVINDRA PUBLIC SCHOOL, PATIALA AT SWIMMING POOL	
REVISION:	
S T R U C T U R E	
SECTION AT Z-Z' (DETAIL OF R.C.C. WALL OF FILTERATION PLANT)	
STRUCTURAL CONSULTANT : Dr. I. C. Syal	
SIGNATURE & STAMP:	
PROJECT No: -----	
DRAWN BY: RAMESH	
SCALE: N.T.S	
DATE: 07.04.2022	
DRG. No : S-101	

