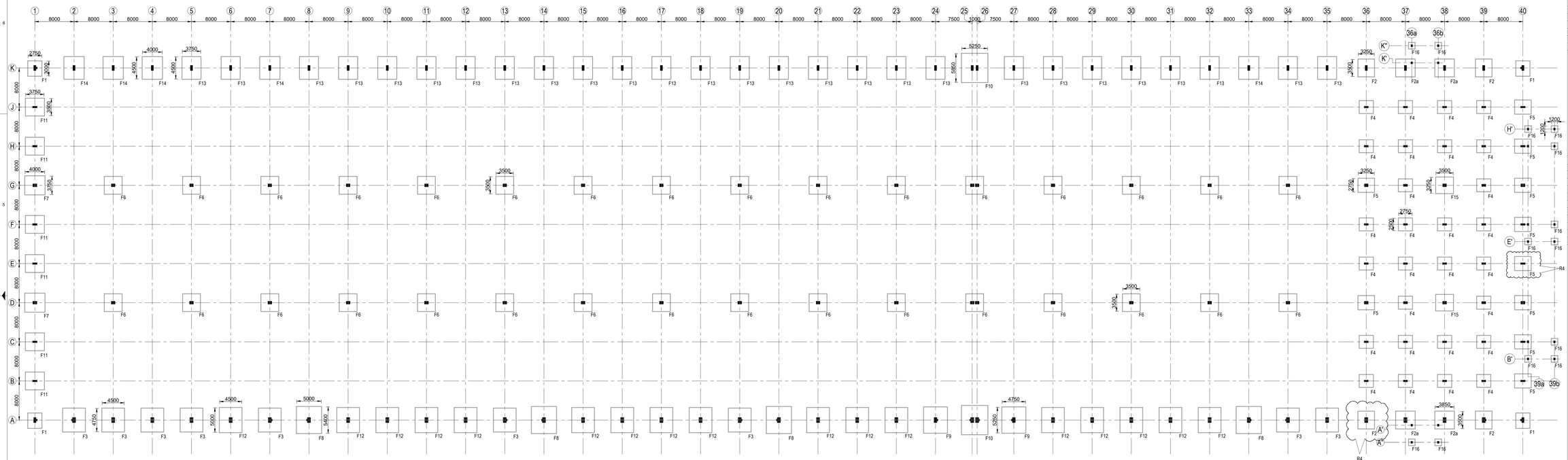
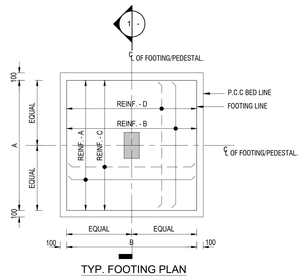


FOUNDATION LAYOUT

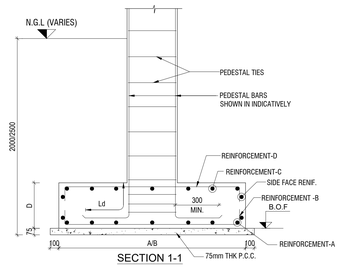
SCHEDULE OF FOOTING

SR. NO.	FOOTING TYPE	SIZE			REINFORCEMENT			
		LENGTH	WIDTH	DEPTH	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
		L1	W1	D	A	B	C	D
1	F1	3000	2750	500	Y12 AT 150C/C	Y12 AT 150C/C	Y12 AT 150C/C	Y12 AT 150C/C
2	F2	3500	3250	600	Y12 AT 150C/C	Y12 AT 150C/C	Y12 AT 150C/C	Y12 AT 150C/C
3	F2a	3850	3500	600	Y12 AT 100C/C	Y12 AT 100C/C	Y12 AT 125C/C	Y12 AT 125C/C
4	F3	4750	4500	600	Y12 AT 150C/C	Y12 AT 150C/C	Y16 AT 125C/C	Y16 AT 125C/C
5	F4	2750	2500	500	Y12 AT 150C/C	Y12 AT 150C/C	--	--
6	F5	3250	2750	600	Y12 AT 150C/C	Y12 AT 150C/C	Y12 AT 150C/C	Y12 AT 150C/C
7	F6	3500	3500	600	Y12 AT 100C/C	Y12 AT 100C/C	Y16 AT 125C/C	Y16 AT 125C/C
8	F7	4000	3750	600	Y12 AT 150C/C	Y12 AT 150C/C	Y16 AT 125C/C	Y16 AT 125C/C
9	F8	5400	5000	600	Y12 AT 100C/C	Y12 AT 100C/C	Y16 AT 125C/C	Y16 AT 125C/C
10	F9	5250	4750	600	Y12 AT 125C/C	Y12 AT 125C/C	Y16 AT 125C/C	Y16 AT 125C/C
11	F10	5850	5250	750	Y12 AT 100C/C	Y12 AT 100C/C	Y16 AT 125C/C	Y16 AT 125C/C
12	F11	3750	3500	600	Y12 AT 150C/C	Y12 AT 150C/C	Y16 AT 150C/C	Y16 AT 150C/C
13	F12	5000	4500	600	Y12 AT 150C/C	Y12 AT 150C/C	Y16 AT 150C/C	Y16 AT 150C/C
14	F13	4500	3750	600	Y12 AT 150C/C	Y12 AT 150C/C	Y16 AT 150C/C	Y16 AT 150C/C
15	F14	4500	4000	600	Y12 AT 150C/C	Y12 AT 150C/C	Y16 AT 150C/C	Y16 AT 150C/C
16	F15	3500	3250	600	Y12 AT 150C/C	Y12 AT 150C/C	Y12 AT 150C/C	Y12 AT 150C/C
17	F16	1200	1200	450	Y12 AT 125C/C	Y12 AT 125C/C	Y12 AT 150C/C	Y12 AT 150C/C

(SIDE FACE REINF. FOR ALL FOOTING SHALL BE Y10 AT 150C/C)



TYP. FOOTING PLAN



SECTION 1-1

THE BACKFILLING ABOVE FOOTINGS SHALL BE DONE IN LAYERS NOT EXCEEDING 300MM IN THICKNESS. THE COMPACTION OF THE BACKFILL SOIL SHALL BE DONE TO ACHIEVE A MINIMUM PROCTOR DENSITY OF 95% AND THE MEDIUM USED SHALL BE FREE OF CLAY MATERIAL. THE CONTRACTOR SHALL MAINTAIN THE BACKFILL TEST REPORTS FOR VERIFICATION AND RECORDS OF THE ENGINEER.

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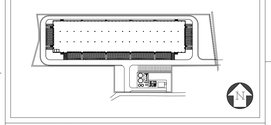
DRAWING REFERENCES

DRG. NO	TITLE

KEY-PLAN



PURPOSE OF ISSUE

DATE	REV.NO	DESCRIPTION	NO.OF COPIES	TO WHOME

GENERAL NOTES :-

1. ALL DIMENSIONS ARE IN mm AND LEVELS IN METER.(U.N.O.)
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS,SERVICE CONSULTANTS DRGS. AND CIVIL CONTRACT DOCUMENT.
3. DO NOT SCALE THE DRAWING.
4. CONTRACTOR SHALL CHECK ALL DIMENSIONS AND LEVELS BEFORE EXECUTION OF WORK.
5. ALL THE R.C.C./STRUCTURAL WORK SHALL BE EXECUTED STRICTLY UNDER COMPETENT TECHNICAL SUPERVISION.
6. CLEAR COVER TO MAIN REIN.
   a) FOOTING = 50mm
7. DEVELOPMENT LENGTH (Ld) OF REINFORCING BAR SHALL BE 46d

LEGEND:
F – FOOTING
CF – COMBINED FOOTING
NGL – NATURAL GROUND LEVEL
BOF – BOTTOM OF FOOTING
PCC – PLAIN CEMENT CONCRETE
THK – THICK

#) GRADE OF CONCRETE SHALL BE M30 CONFIRM TO IS 456 : 2000
#) "Y" DENOTES HIGH STRENGTH DEFORMED BARS OF GRADE FE500 CONFORMING TO IS 1786 : 2008
#) GRADE OF CONCRETE FOR P.C.C. SHALL BE M10 CONFIRMING TO IS456:2000

SBC CONSIDERED IS 13T/M² AT A DEPTH OF MIN. 2M AS PER SOIL REPORT

TO REDUCE EXCAVATION SET BACK AND VOLUME, SLOPE CUT CAN BE AVOIDED BY PROVIDING SUITABLE SHORING METHODS WHILE ENSURING SAFETY

ACTUAL SITE LEVELS MAY BE VARIED DUE TO SUBSEQUENT BACKFILLS, HOWEVER, BOTTOM OF FOOTING SHALL BE MAINTAINED AT +96.6M CONSIDERING AVERAGE 2M BELOW N.G.L.

SETTING OUT OF BUILDING SHALL BE BASED ON ARCHITECTURAL MASTER PLAN

DEPTH OF FOUNDATION FOR F6 SHALL BE 2.50M BELOW NGL

DEPTH OF FOUNDATION FOR F1-F5,F7-F16 SHALL BE 2.00M BELOW NGL

EACH FOOTING EXTENSION TO BE FOLLOWED AS SHOWN IN PLAN IN FOUNDATION LAYOUT

DATE	NO.	DESCRIPTION	DRN BY	CHK BY	APP BY
08-02-2023	R4	REVISION MARKED AS 'R4'	SSK	MBG	AGVD
27-12-2022	R3	FOUNDATION SIZES OPTIMIZED	SSK	MBG	AGVD
25-12-2022	R2	FOUNDATION SIZES OPTIMIZED	SSK	MBG	AGVD
22-12-2022	R1	FOUNDATION SIZES OPTIMIZED	SSK	MBG	AGVD

REVISIONS

CLIENT

HORIZON INDUSTRIAL PARKS, TOWER -1, FLOOR 15 ONE WORLD CENTER, LOWER PAREL MUMBAI – 400013

PROJECT

INDUSTRIAL PARK FOR HORIZON AT JINDPUR, DELHI.

TITLE

FOUNDATION LAYOUT

PROJECT ID	STAGE	DOC TYPE	DRAWING NUMBER	REVISION
350007	E	DRG	S-00-10-FD-001	R0

SCALE :	AS SHOWN	DATE :	19/12/2022
DRN BY :	SSK	CHK BY :	MBG
APP BY :	AGVD	OFFICE OF ORIGINE	CHENNAI
ACAD REF:	..		

ISSUED FOR :

EXECUTION

ARCHITECT
ATELIER VAMA
REGISTERED OFFICE:
1006, RAHEJA CHAMBERS, NARIMAN POINT, MUMBAI-400 021.
E-MAIL : INFO@VANDAC.COM

STRUCTURAL & MEP CONSULTANT :-
Design Group Engineering Consultants (P) Ltd.
Consultancy using BIM Technology
Muscat (Oman) + Chennai (India)
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SIZE - A0