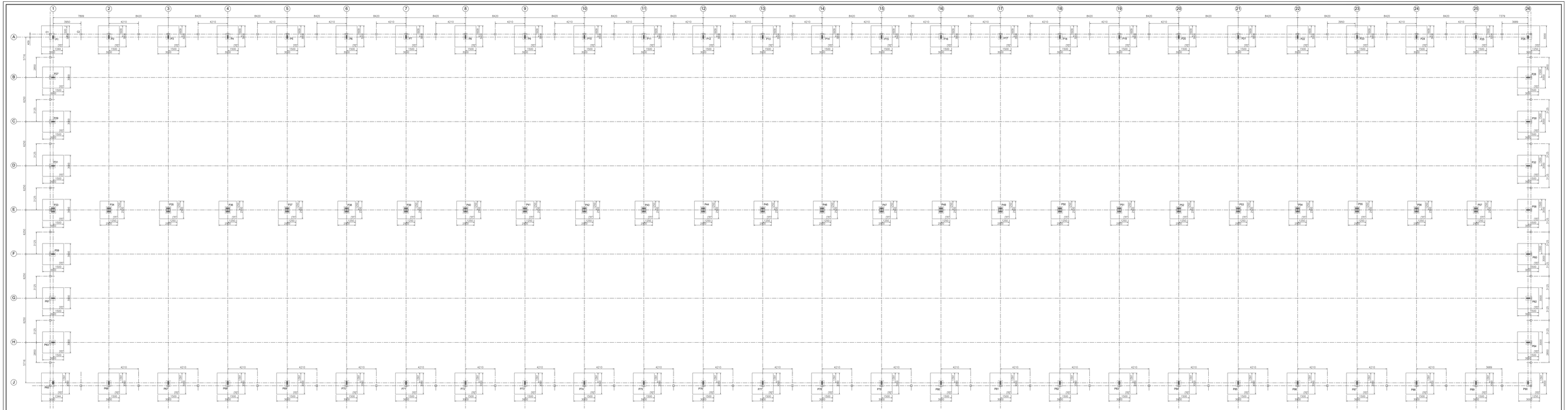
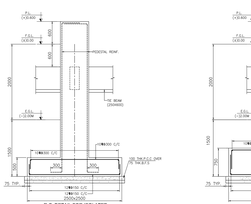
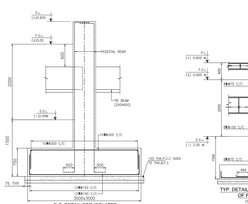


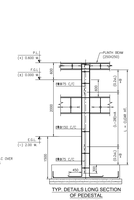
FOUNDATION & PEDESTAL LAYOUT PLAN
SCALE 1:100



R.C. DETAIL FOR ISOLATED FOOTING MKD. -F1
(SCALE 1:30)



R.C. DETAIL FOR ISOLATED FOOTING MKD. -F2
(SCALE 1:30)



TYP. DETAILS LONG SECTION OF PEDESTAL
(SCALE 1:40)

PEDESTAL SCHEDULE

COLUMN MK'D.	COL. SIZE	FOUNDATION TO TIE PEDESTAL LVL.	TIE ZONE A	TIE ZONE B	SHAPE OF TIE
GRADE OF CONCRETE :- M25					
P5,P6,P9, P27,P28, P29,P30,P31,P32,P33, P34,P35,P36,P37,P38, P39,P40	300X900		8MM @ 150C/C (2NOS IN A GROUP)	8MM @ 150C/C (2NOS IN A GROUP)	
P1,P2,P3,P4,P7,P8, P10,P11,P12,P13, P14,P15,P16,P17,P18, P19,P20,P21,P22, P23,P24,P25,P26, P41,P42,P43,P44, P45,P46,P47,P48, P49,P50,P51,P52, P53,P54,P55,P56, P57,P58,P59,P60, PB1,PB2,PB3,PB4, PB5,PB6,PB7,PB8, PB9,PB10,PB11,PB12, PB13,PB14,PB15,PB16, PB17,PB18,PB19,PB20, PB21,PB22,PB23,PB24, PB25,PB26	750X900		8MM @ 150C/C (2NOS IN A GROUP)	8MM @ 150C/C (2NOS IN A GROUP)	
P54,P55,P56,P57,P58, P59,P60,P61,P62,P63, P64,P65,P66,P67,P68, P69,P70,P71,P72,P73, P74,P75,P76,P77	750X900		8MM @ 150C/C (2NOS IN A GROUP)	8MM @ 150C/C (2NOS IN A GROUP)	
P74	2000X900		8MM @ 150C/C (2NOS IN A GROUP)	8MM @ 150C/C (2NOS IN A GROUP)	

NOTES

1. ALL DIMENSION ARE IN MM. AND LEVELS ARE IN M. UNLESS OTHERWISE SPECIFIED
2. GRADE OF CONCRETE M25
3. CLEAR COVER TO ALL REINFORCEMENT BELOW GROUND LEVEL SHALL BE 50 MM UNLESS OTHERWISE STATED.
4. CLEAR CONCRETE COVER TO MAIN REINFORCEMENT ABOVE G.L. AS FOLLOWS

MEMBER	TOP	BOTTOM	SIDE
1) COLUMN			40
2) BEAM	30	30	30
3) SLAB	20	25	20

5. FINISHED GROUND LEVEL TO BE CONSIDERED AS (+)0.00m. IN CASE OF ANY VARIATION IN GROUND LEVEL SHALL BE BROUGHT TO THE NOTICE OF THE CONSULTANTS OFFICE BEFORE COMMENCING THE WORK.
6. ALL HYSD REINFORCING STEEL OF GRADE Fe-500 CONFORMING TO IS 1786 SHALL BE USED.
7. SAFE BEARING RESULT ON SITE SHOULD CONFORM TO SOIL REPORT.
8. LAP/BOND LENGTH SHALL BE 50d, WHERE 'd' IS THE DIA OF THE SMALLER BAR THE LAPS SHALL BE STAGGERED. NOT MORE THAN 50% OF THE BARS SHALL BE SPLICED AT ONE SECTION, AT A SINGLE SECTION LAPS OF HIGH STRENGTH BARS SHALL BE AVOIDED AS FAR AS PRACTICABLE.
9. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCH. & OTHER SERVICES DRAWINGS.
10. M-15/CLEAN GRADE CONCRETE SHALL BE USED OVER RAMMED EARTH.
11. SIZE OF ISOLATED FOOTING IS 1.2 M² AT 1.5 M. LEVEL BELOW G.L.
12. F.G.L.= FINISHED GROUND LEVEL, E.G.L. = EXISTING GROUND LEVEL, P.L.= PLINTH LEVEL, G.L. = GROUND LEVEL, G.F.L.=GROUND FLOOR LEVEL.

CERTIFICATE OF GEO-TECHNICAL ENGINEER	CERTIFICATE OF STRUCTURAL ENGINEER	DECLARATION OF ARCHITECT.
UNDERSIGNED HAS INSPECTED THE SITE, CARRIED OUT THE SOIL INVESTIGATION THEREIN. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE SAFE BEARING CAPACITY ADOPTED FOR THE DESIGN IS SUITABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.	THE STRUCTURAL DESIGN OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C OF INDIA AND BASIS OF SOIL INVESTIGATION REPORT BY KALYUL KUMAR GHOSHAL, CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.	CERTIFIED THAT THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009, AS AMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING THE ABUTTING ROAD WIDTH AND THE PLOT AREA. IT IS ALSO CERTIFIED THAT NOT A TANK OR FILLED UP TANK, THERE IS AN EX STRUC. TO BE DEMOLISHED BEFORE COMMENCEMENT OF WORK IT IS FULLY OCCUPIED BY THE OWNER, THERE IS NO TENENT.
ALOK ROY B.E. (CIVIL), MCE (Soil MECH & Foundation Engg.) MASCE, MIE, MIGS, M.I.P.H.E, M.A.C.I !!! C. Eng. (I) Chartered Engineer (I), Reg. No- M128469-4 SIGNATURE OF THE GEO-TECHNICAL ENGINEER	PABITRA ROY B.E. (Civil), F. I. E., M.I. Struct. E. (Lond), Empowerfied Structural Engineer (Govt.), ESE/II/757, Chartered Engineer, Memb No. : F-0364065 SIGNATURE OF THE STRUCTURAL ENGINEER	MUKUL MITTRA B.Arch (Hons.), FIAI, AAV CA/79/5005 SIG. OF THE ARCHITECT.

DATE	REV.NO.	REVISION	CHK. BY.	APPR. BY.

DRAWING NAME :-
FOUNDATION DETAILS OF SHED

PROJECT NAME :-
PLASTIC RECYCLING PLANT AT A7,
VIDYASAGAR INDUSTRIAL PARK
KHARAGPUR, P.O. - JAKPUR, DIST. - PASCHIM MEDINIPUR

CLIENT :-
MEGPET POLYMERS PVT. LTD.

CONSULTANT :-
I - WIN Advisory Services Limited
Promoters: NTPC Vidyut Vyapar Nigam Limited
Development Corporation Limited
Shilpanjan, G-12, CIFS, Sh. 1, Sector - III,
Salt Lake City, Kolkata - 700106

DRAWING NO	IWIN/MPPL/SHED/01 /R1
REVISION NO	R2
SCALE	AS SHOWN
DATE	05-09-2023

DRAWN BY - P.DAS
CHECKED BY - P.ROY
APPROVED BY - D.S.G