



REVISION TABLE :-

CLIENT :-



BSC :-

Basler & Hofmann Singapore

PROJECT LOCATION :-

Gandhinagar, Gujarat

PEC :-



PROJECT:-

BSL3 & BSL4 TESTING FACILITY

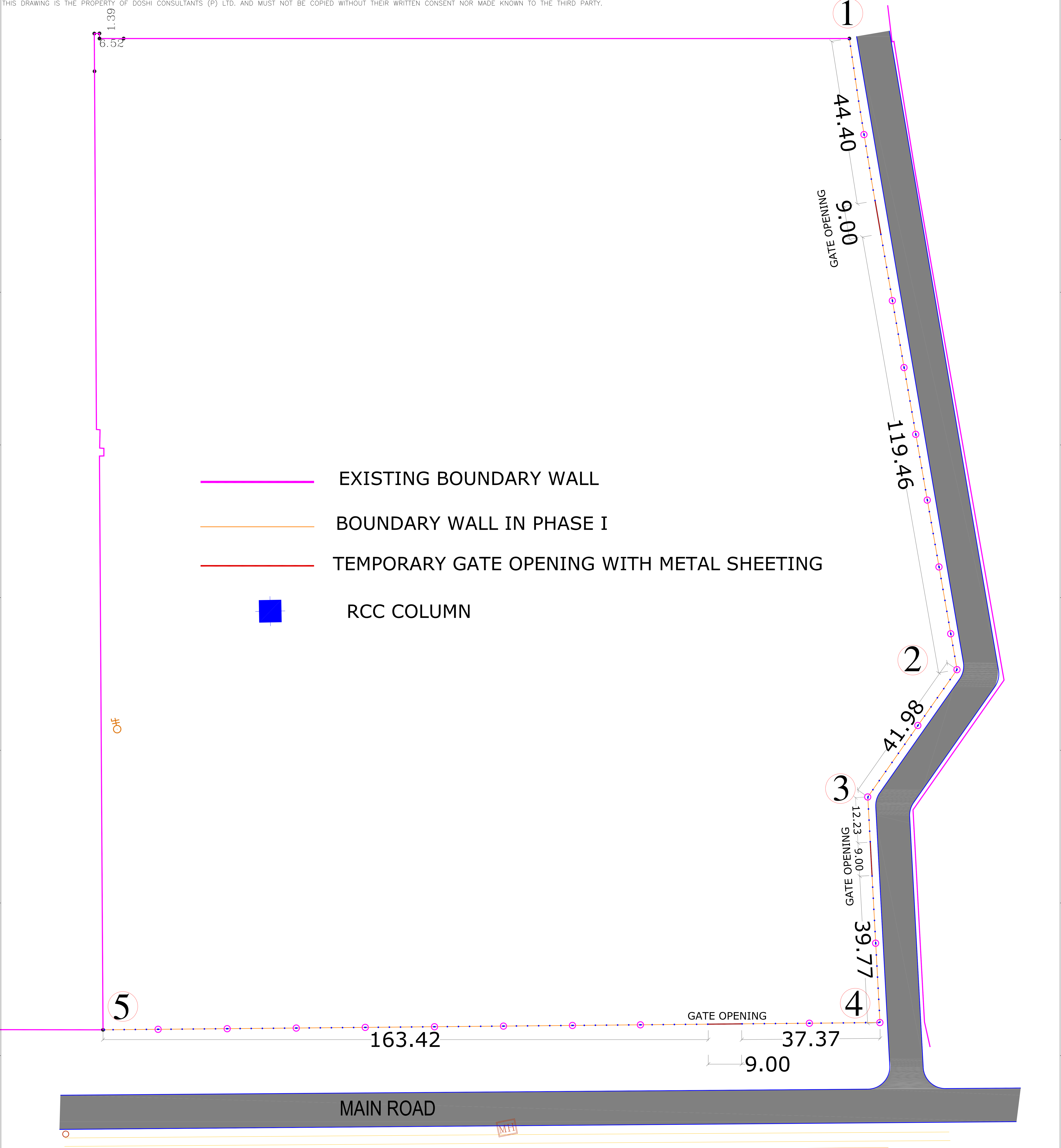
RELEASE FOR :-

FOR TENDER

TITLE :-

TYPICAL DETAIL OF BOUNDARY WALL

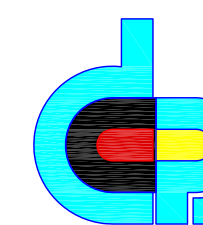
DESIGN	SKD	28.06.23	PROJECT NO:- 657	SCALE:- NTS
DRAWN	VIKASH	28.06.23		
CHECKED	SKD	28.06.23	DRAWING NO.	Re
APPROVED	BKD	28.06.23	657/GBRC/BW/AR - 01-B	R-0



CLIENT :-
 Gujarat Biotechnology Research Centre

BSC :-
 Basler & Hofmann Singapore

PROJECT LOCATION :-
Gandhinagar, Gujarat

PEC :-
 **Doshi consultants Pvt. Ltd.**
401-CITY CENTER, 570 M.G ROAD, INDORE-1 (M.P.)INDIA.
PH.NO.:+91-731-2541457,+91-731-4011555
E-Mail : projects@doshicon.com

PROJECT:-
BSL3 & BSL4 TESTING FACILITY

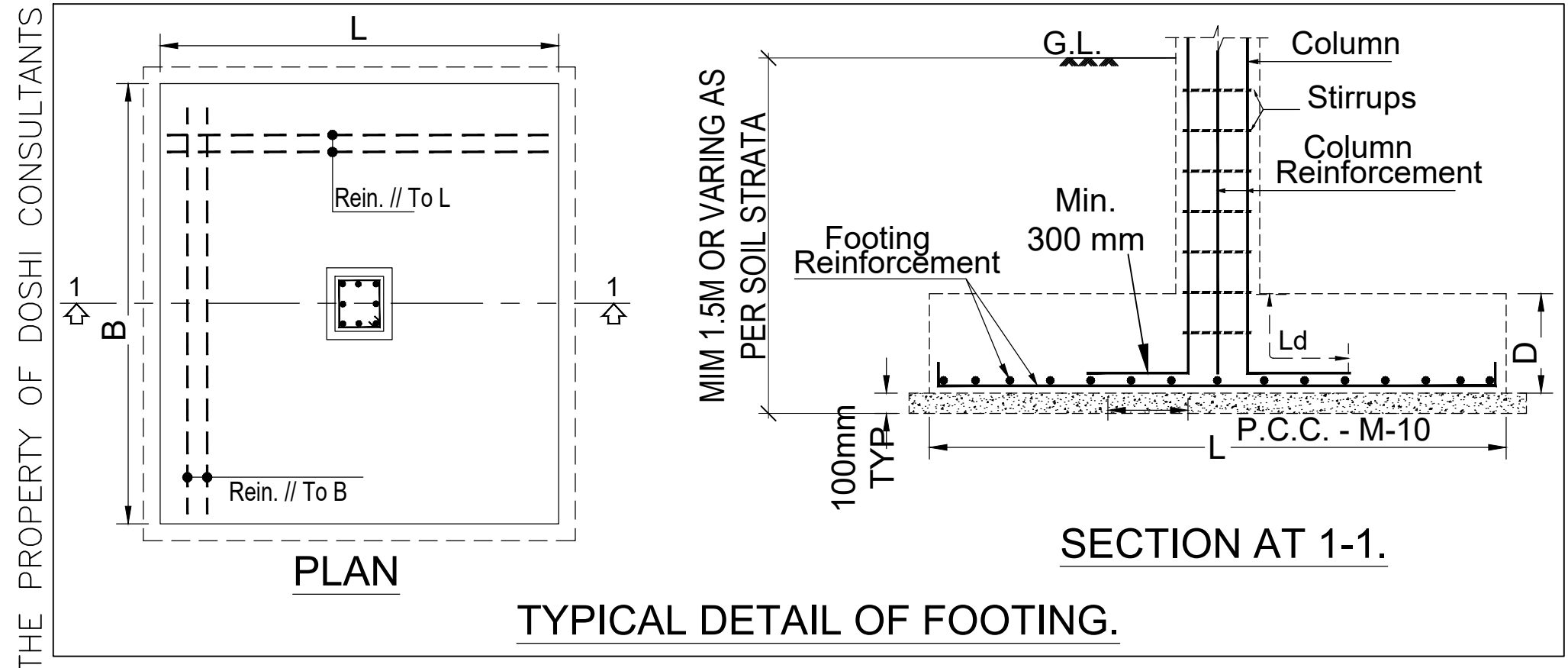
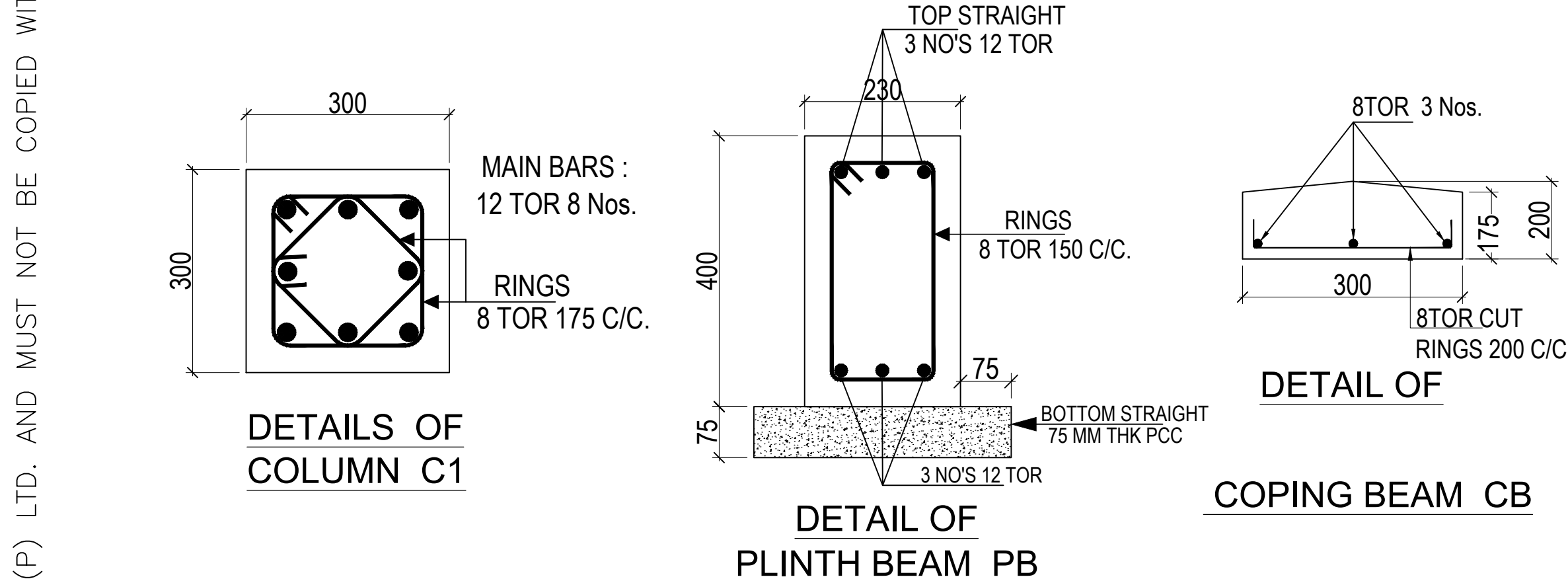
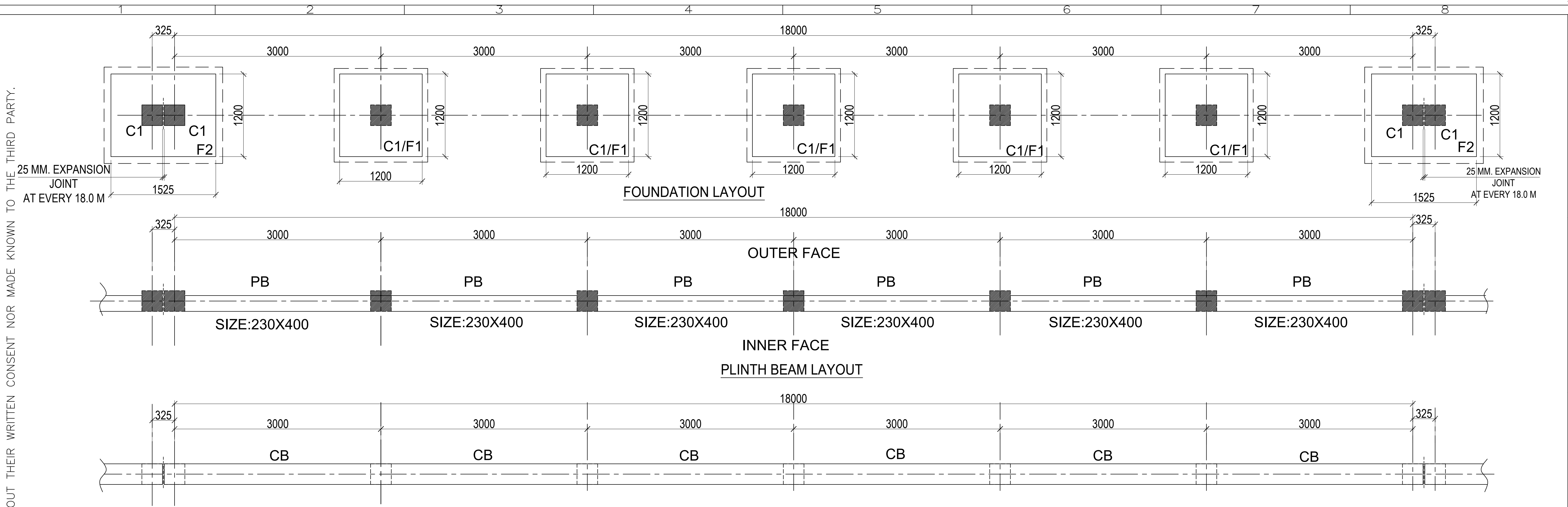
RELEASE FOR :-
FOR TENDER

TITLE :-
PART PLAN OF BOUNDARY WALL

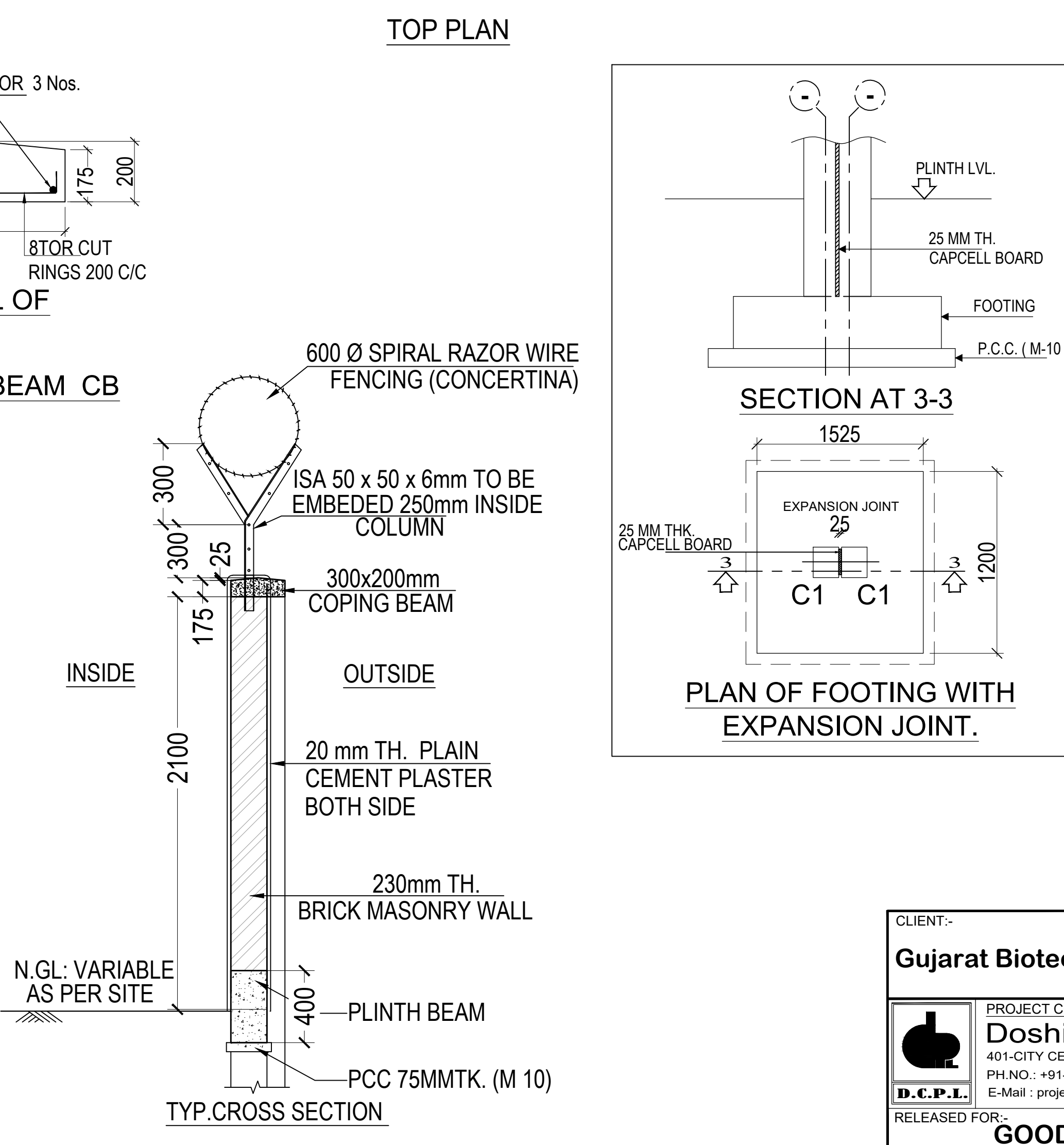
DESIGN	SKD	28.06.23	PROJECT NO:- 657	SCALE:- NTS
DRAWN	VIKASH	28.06.23	DRAWING NO.	Rev
CHECKED	SKD	28.06.23	657/GBRC/BW/AR - 01-A	R-00
APPROVED	BKD	28.06.23		

No.	DATE	BY	REV.	DESCRIPTION	CHECKED BY
REVISION TABLE :-					

THIS DRAWING IS THE PROPERTY OF DOSHI CONSULTANTS (P) LTD. AND MUST NOT BE COPIED WITHOUT THEIR WRITTEN CONSENT NOR MADE KNOWN TO THE THIRD PARTY.



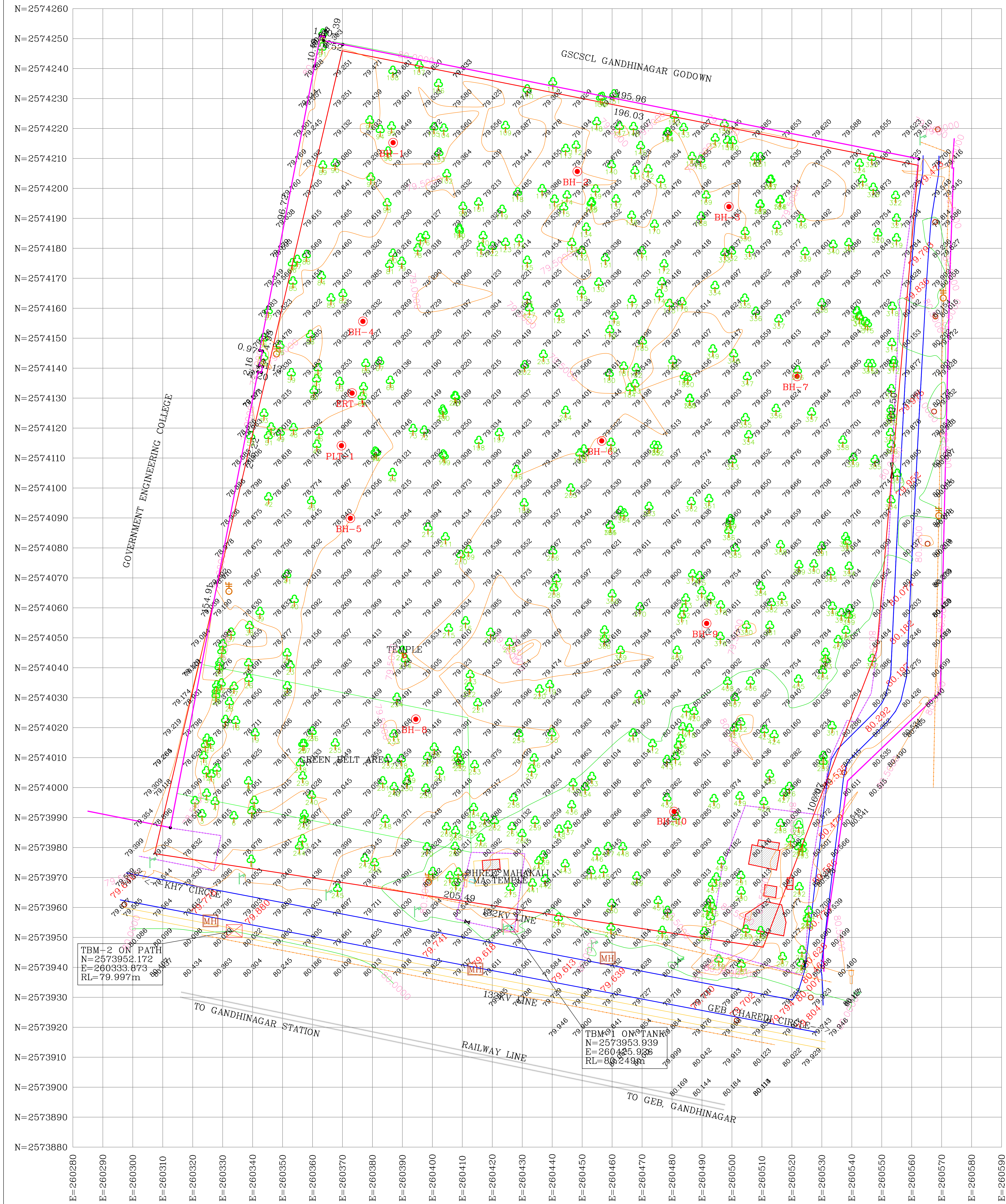
DETAILS OF FOUNDATION						
SR.NO.	FOOTING NO.	FOOTING DETAILS.			REINFORCEMENT DETAILS.	
		L	B	D	PARALLEL TO 'L'.	PARALLEL TO 'B'.
1.	F1	1200	1200	350	10 TOR 150 C/C	10 TOR 150 C/C
2.	F2	1525	1200	350	10 TOR 150 C/C	10 TOR 150 C/C



GENERAL NOTES:-
ALL DIMENSIONS ARE IN mm
-DO NOT SCALE THE DRAWING. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
-ALL DIMENSIONS SHALL BE CHECKED AND CO-RELATED WITH THE ARCHITECTURAL DRAWINGS AND ANY AMBIGUITY SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT IN WRITTEN BEFORE COMMENCEMENT OF THE WORK.
- ALL "L" BENDS SHALL BE OF 300 mm (UNLESS NOTED OTHERWISE)
- NOMINAL COVER TO REINFORCEMENT (INCLUDING RING) SHALL BE AS FOLLOWS BUT NOT LESS THAN THE DIA OF MAIN BARS -
BEAMS - 25 mm; SLABS - 20 mm; FOOTING - 50 mm;
COLUMNS - 25 mm FOR COL. SIZE UPTO 200 mm 40 mm FOR COL. SIZE ABOVE 200 mm
- UNLESS NOTED OTHERWISE FOOTINGS ARE CONCENTRIC WITH COLUMNS. - ALL CONSTRUCTION WORK SHALL BE DONE AS PER TENDER SPECIFICATIONS.
- FOR LOCATION REFER SITE PLAN.
- NOT MORE THAN HALF OF THE COLUMN REINFORCEMENTS SHALL BE LAPPED AT A SECTION.
- ANY DEVIATION FROM STRUCTURAL DRAWINGS SHALL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION OF CONSULTING ENGINEER.
- LAP LENGTH = DEVELOPMENT LENGTH FOR THAT BAR
- DEVELOPMENT LENGTH SHOULD BE PROVIDED Ld = 48 X dia. of bar
- R.C.C. GRADE FOR MAIN STRUCTURE IS M - 25 UNLESS OTHERWISE SPECIFIED.
- THE NOMINAL SIZE OF STONE AGGREGATE SHALL BE 20 mm OR AS SPECIFIED.
- COMPACTION SHOULD BE DONE WITH VIBRATOR USING NEEDLE OF PROPER SIZE AS PER SECTION OF STRUCTURAL MEMBER
- THE STEEL Fe-415 SHOULD CONFORM TO I.S. 1786/1985 FOR CTD /TMT BARS
- ALL COLUMNS SHOULD HAVE STAGGERED LAP JOINT HAVING C/C DISTANCE OF 1.3 TIMES LAP LENGTH.
STRUCKING TIME OF FORM WORK
WALLS,COLUMNS & VERTICAL SIDES OF BEAM - 24 TO 48 HRS. AS MAY DECIDED BY
ENGINEER IN CHARGE.
REMOVAL OF PROPS TO SLAB
SPANNING UPTO 4.50M 7 DAYS
SPANNING ABOVE 4.50M 14 DAYS
REMOVAL OF PROPS TO BEAMS & ARCHES
SPANNING UPTO 6.0 M 14 DAYS
SPANNING ABOVE 6.0 M 21 DAYS
- WATER FOR CONSTRUCTION PURPOSE SHALL CONFORM TO RELEVANT CLAUSE OF IS: 456-2000.
- STONE AGGREGATE SHALL COMPLY WITH THE REQUIREMENT OF IS: 383.
- SUITABLE CHAIRS AND EDGE U BARS SHALL BE PROVIDED TO HOLD THE PILE/SLAB TOP BARS OF REINFORCEMENT IN POSITION.
- POCKETS OF LOOSE / WEAK SOIL IN FOUNDATION SHALL BE REMOVED AND REPLACED. - GROUND SHALL BE WELL CONSOLIDATED.
- CONSTRUCTION JOINTS SHALL BE MADE VERTICALLY BY PROPER TEMPLATE WITH SLOTS FOR ACCOMODATING REINFORCEMENT BARS
- NOT MORE THAN 1/2 OF TOTAL COL. BARS SHALL BE LAPPED AT WHEREVER REINFORCING BARS OF COLUMNS ARE CHANGING FROM ONE FLOOR TO ANOTHER, LARGER AREA(DIA) OF REINFORCEMENT SHALL BE EXTENDED TO OTHER STOREY UPTO A DEVELOPMENT LENGH.
- WHEREVER JUNCTION IS CONFINED BY BEAMS ON ALL THE FOUR SIDE, SPACING OF THE TIES WITHIN THE JUNCTION MAY BE DOUBLED.
- WHEREVER NECESSARY, HORIZONTAL BARS SHALL BE LEFT IN THE COLUMNS FOR LINTEL AND THE OTHER SIMILAR MEMBERS.
- THE POSITION OF HOOKS OF SIMILAR COLUMN TIES SHALL BE VERTICALLY STAGGERED AND PLACED ON OPPOSITE FACES FOR ALTERNATE TIES.
- ONLY TIES OF COL. ARE TO BE CONTINUED THROUGH BEAM COLUMN JUCTION. PROVISION OF DUCTILE DETAILING OF REINFORCEMENT SHALL BE AS PER IS CODE: 13920-1993.
- THE SITE STAFF SHOULD TAKE UTMOST CARE TO ENSURE BEST QUALITY OF WORKMANSHIP, MATERIALS AND PROPER USE OF DESIGN MIX FOR CONC. ALONG WITH PROPER CURING AND PROPER BINDING OF REINFORCEMENT.

DATE		REV.	REV. BY.	CHK.	DESCRIPTION		
REVISIONS							
PROJECT LOCATION:-		Gandhinagar, Gujarat					
PROJECT:-		BSL3 & BSL4 TESTING FACILITY					
CLIENT:-							
Gujarat Biotechnology Research Centre							
 D.C.P.L.		PROJECT CONSULTANT :-		TITLE:-			
		Doshi Consultants (P) Ltd.		RCC DETAILS OF BOUNDARY WALL			
		401-CITY CENTRE, 570 M.G ROAD, INDORE-1 (M.P.)INDIA.					
		PH.NO.: +91-731-4011555					
		E-Mail : projects@doshicon.com					
RELEASED FOR:-				PROJECT NO.:- 657			
GOOD FOR CONSTRUCTION		DESIGN		S.R.	08.06.2023	SCALE:-NTS	
		DRAWN		M.B.	08.06.2023		
		CHECKED		S.R.	08.06.2023	DRAWING NO.	
		APPROVED		KKD	08.06.2023	REV.	
		3/657/GBRC/ST-GEN-001					
		R-0					

GOOD FOR CONSTRUCTION



LEGEND

1	ROAD	
2	COMPOUND WALL	
3	BOUNDARY	
4	FENCING	
5	GATE	
6	TBM	
7	TREE	
8	STRUCTURE/BUILDING	
9	MAN HOLE	
10	ELECTRIC POLE	
11	LIGHT POLE	
12	WATER VALVE	
13	ROAD LEVEL	

NOTE:-

1. ALL DIMENSIONS ARE IN METERS
2. SURVEY WORK DONE BY DGPS MC.
3. SURVEY AREA=61509.941 SQ.MT.=6.1509 HEC

CLIENT:-
DOSHI CONSULTANTS PRIVATE LIMITED

PROJECT:-
GEOTECHNICAL SOIL INVESTIGATION OF BSL-4 GREENFIELD
BIO CONTAINMENT RESEARCH LABORATORY WITH ABSL FACILITY
AT GANDHI NAGAR, GUJARAT

TOPOGRAPHICAL & CONTOUR SURVEY PLAN

SURVEY BY:- DILIP	MONTH :- MAY-2023
DRAWN BY:- PRABHAT	SCALE :- 1cm = 10mt.

BY:-
M K SOIL TESTING LABORATORY PRIVATE LIMITED

SURVEY NO.4/4, BHARTI HOUSE, NEAR CHANCHALBAG
PARTY PLOT, OPPOSITE JAHNVI BUNGALOWS, BODAKDEV,
AHMEDABAD - 380 054, GUJARAT.
PHONE NO.: +91-79-2682 0940,
2682 60860, 9624097903
EMAIL: info@mksoil.com

REV. NO. :- Revision-01	JOB. NO. :- MK-030/05-2023
----------------------------	-------------------------------