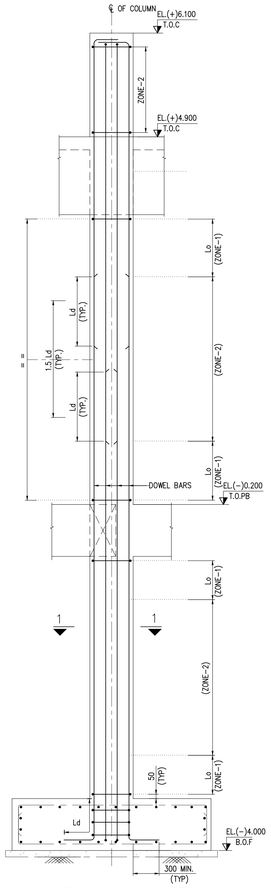
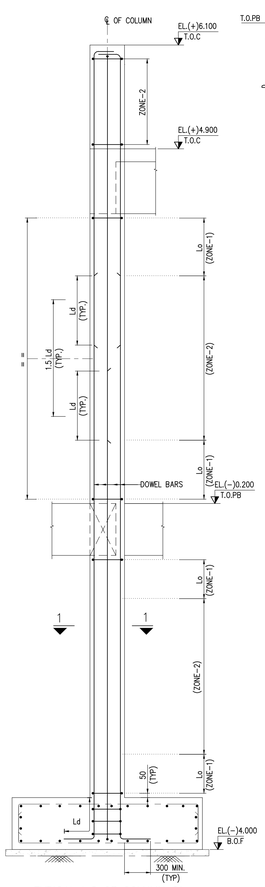
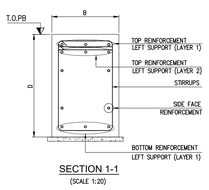


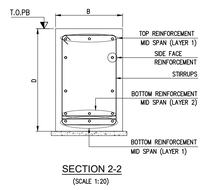
TYPICAL L.S OF COLUMNS C2 & C3
(SCALE 1:25)



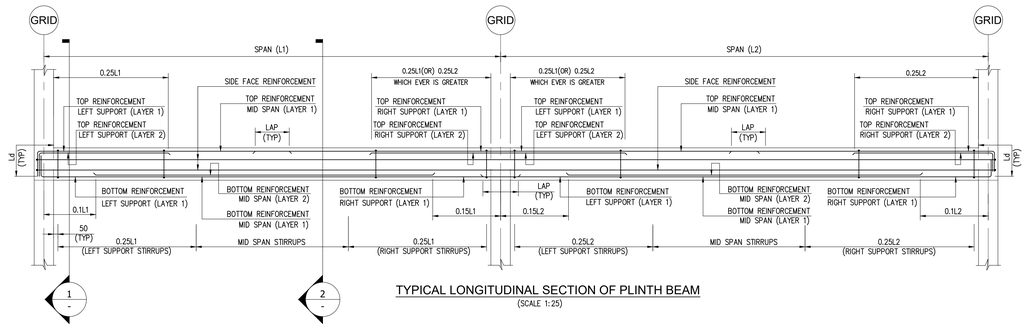
TYPICAL L.S OF COLUMN C1
(SCALE 1:25)



SECTION 1-1
(SCALE 1:20)



SECTION 2-2
(SCALE 1:20)



TYPICAL LONGITUDINAL SECTION OF PLINTH BEAM
(SCALE 1:25)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS STATED OTHERWISE
2. GRADE OF PLAIN CEMENT CONCRETE (PCC) SHALL BE M10 [28 DAYS CUBE COMPRESSIVE STRENGTH SHALL NOT BE LESS THAN 10MPa)
3. GRADE OF REINFORCED CEMENT CONCRETE (RCC) SHALL BE M30 [28 DAYS CUBE COMPRESSIVE STRENGTH SHALL NOT BE LESS THAN 30MPa)
4. 'T' DENOTES HIGH YIELD STRENGTH DEFORMED BARS OF YIELD STRENGTH NOT LESS THAN 500 MPa (FE500D) CONFORMING TO IS 1786:2007
5. DEVELOPMENT LENGTH AND LAP LENGTH OF THE REBAR SHALL BE 47 TIMES THE DIAMETER OF THE BAR
6. MINIMUM CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS
   a. COLUMN : 40MM
   b. FOOTING : 50MM
   c. PLINTH BEAM : 40MM
   d. GRADE SLAB : 50MM
   e. MULLION : 30MM
7. DRAWINGS SHALL NOT BE SCALED, AND WRITTEN DIMENSIONS SHALL BE FOLLOWED, ANY DISCREPENCY TO BE REPORTED TO THE ENGINEER IN CHARGE AND RESOLVED PRIOR TO THE COMMENCEMENT OF THE WORKS
8. THIS DRAWING SHALL BE READ IN CONJUCTION WITH THE FOLLOWING DRAWINGS
   a. D0058701-C-DE-404-CS-DED-001_LAYOUT OF FOUNDATION, COLUMNS, GRADE SLAB AND PLINTH BEAMS.
9. Lo IS MAXIMUM OF
   a. 1/6 OF CLEAR SPAN OF MEMBER
   b. 450mm.

(±)0.000m LEVEL CORRESPONDS TO FINISHED FLOOR LEVEL (FFL). FFL CORRESPONDS TO THE DATUM LEVEL OF (+)9.700m LEVEL.

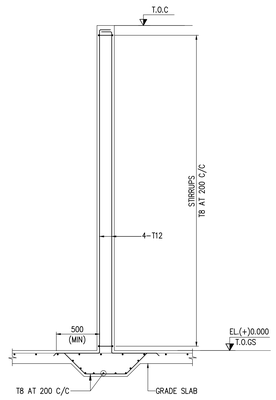
SIZE OF SPACER BAR SHALL BE EQUAL TO THE MAXIMUM DIAMETER OF THE BAR OR 16MM WHICHEVER IS LARGEST.

LEGEND:

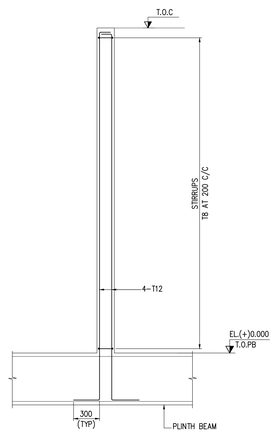
C	– COLUMN
F	– FOOTING
PB	– PLINTH BEAM
B.O.F	– BOTTOM OF FOOTING
T.O.PB	– TOP OF PLINTH BEAM
T.O.C	– TOP OF CONCRETE
T.O.G.S	– TOP OF GRADE SLAB
F.G.L	– FINISHED GROUND LEVEL
TYP.	– TYPICAL
THK.	– THICKNESS
L	– LENGTH
B	– BREADTH
D	– DEPTH
℄	– CENTER LINE
Ld	– DEVELOPMENT LENGTH
P.C.C	– PLAIN CEMENT CONCRETE
IJ	– ISOLATION JOINT

RC SCHEDULE OF PLINTH BEAM:

BEAM NO	BEAM SIZE		GRID ID	SPAN													SIDE FACE REINFORCEMENT ON EACH FACE
				BOTTOM REINFORCEMENT				TOP REINFORCEMENT						STIRRUPS			
	BREADTH	DEPTH		LEFT SUPPORT	MID SPAN		RIGHT SUPPORT	LEFT SUPPORT		MID SPAN	RIGHT SUPPORT			NO OF LEGS	DIA	LEFT SUPPORT SPACING	MID SPACING	RIGHT SUPPORT SPACING	
	B	D		LAYER 1	LAYER 1	LAYER 2	LAYER 1	LAYER 1	LAYER 2	LAYER 1	LAYER 1	LAYER 2							
PB1	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-
PB2	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-
PB3	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-
PB4	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-
PB5	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-
PB6	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-
PB7	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-
PB8	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-
PB9	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-
PB10	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-
PB11	300	600		2-T16	3-T16	-	2-T16	3-T16	2-T12	2-T16	3-T16	2-T12		2	8	150	200	150	-



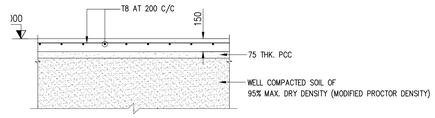
TYPICAL L.S. OF MULLION (M1/M2) SUPPORTING ON GRADE SLAB
(SCALE 1:25)



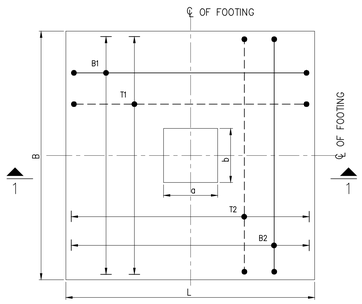
TYPICAL L.S. OF MULLION (M1/M2) SUPPORTING ON PLINTH BEAM
(SCALE 1:25)

TYPICAL C/S OF MULLION M1
(SCALE 1:20)

SECTION 1–1
(SCALE 1:20)



TYP. DETAIL OF GRADE SLAB
(SCALE 1:25)



PLAN
TYP. RC DETAIL OF FOOTING
(SCALE 1:20)

RC DETAILS OF FOOTING

SL NO.	TYPE	SIZE			TOP REINFORCEMENT		BOTTOM REINFORCEMENT		NO. OF FOOTING
		L	B	D	T1	T2	B1	B2	
1	F1	3500	3500	600	T10 AT 200 C/C	T10 AT 200 C/C	T16 AT 175 C/C	T16 AT 175 C/C	4
2	F2	3000	3000	500	T10 AT 200 C/C	T10 AT 200 C/C	T16 AT 200 C/C	T16 AT 200 C/C	6

TYP. DETAIL OF HOOK AT TIE LOCATION

TYP. DETAIL OF HOOK AT LINK LOCATION

TYP. DETAIL OF HOOK AT LINK LOCATION

RC DETAILS OF COLUMN

S.NO.	COLUMN ID	COLUMN SIZE		CROSS SECTION OF COLUMN (SECTION 1-1)	LATERAL TIES		
		LENGTH (a)	BREADTH (b)				
01	C1 & C3	600	600	01 01 01 01 01 01 02 01 03 01 01 01 01 01 16–T16 (01)	02–1No. 03–2Nos.		
					ZONE–1	ZONE–2	ZONE–1
					T8 AT 100 C/C	T8 AT 200 C/C	T8 AT 100 C/C
02	C2	450	600	04 04 05 04 04 04 06 04 04 04 04 04 14–T16 (04)	05–1No. 06–1No.		
					ZONE–1	ZONE–2	ZONE–1
					T8 AT 100 C/C	T8 AT 200 C/C	T8 AT 100 C/C

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING REFERENCE DRAWINGS:

a. D0058701-C-DE-404-CS-DED-001_LAYOUT OF FOUNDATION, COLUMNS, GRADE SLAB AND PLINTH BEAMS

REV. NO.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A	12/12/2018	ISSUED FOR CONSTRUCTION	RS	DSI	MMG

JLL Jones Lang LaSalle Property Consultants (India) Pvt Ltd

L&T Technology Services

DAHEJ TYRE PLANT
DAHEJ, GUJARAT INDIA

PROJECT NO
D-00587-01-01

CONTROL ROOM
RC DETAIL OF COLUMNS, FOOTINGS AND PLINTH BEAMS

D0058701-C-DE-404-CS-RCC-002

SHEET SIZE: A0 | SCALE: AS SHOWN | REV: A | SHEET: 01 OF 01