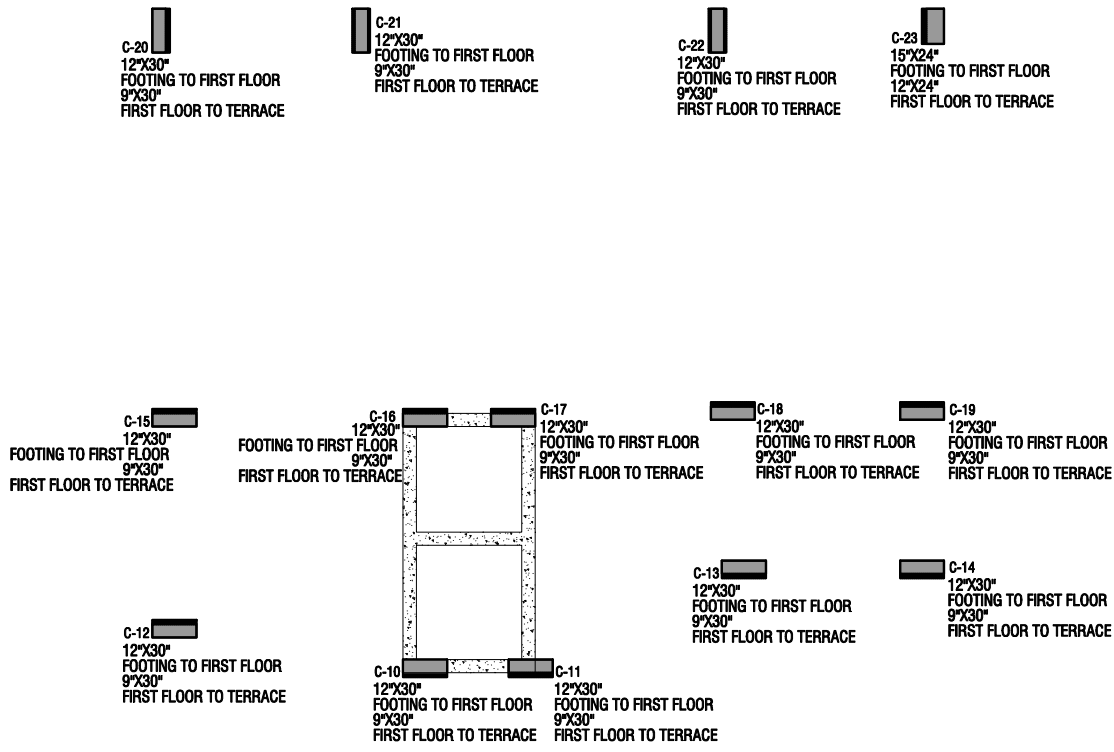




C-7
12"X30"
FOOTING TO FIRST FLOOR
9"X30"
FIRST FLOOR TO TERRACE

C-8
12"X30"
FOOTING TO FIRST FLOOR
9"X30"
FIRST FLOOR TO TERRACE

C-9
12"X30"
FOOTING TO TERRACE

C-4
12"X30"
FOOTING TO TERRACE

C-5
18"X30"
FOOTING TO FIRST FLOOR
15"X30"
FIRST FLOOR TO SECOND FLOOR
12"X30"
SECOND FLOOR TO TERRACE

C-6
12"X30"
FOOTING TO TERRACE

C-1
15"X30"
FOOTING TO FIRST FLOOR
12"X30"
FIRST FLOOR TO TERRACE

C-2
18"X30"
FOOTING TO FIRST FLOOR
15"X30"
FIRST FLOOR TO SECOND FLOOR
12"X30"
SECOND FLOOR TO TERRACE

C-3
15"X30"
FOOTING TO FIRST FLOOR
12"X30"
FIRST FLOOR TO TERRACE

SHREE TIRUPATI INFRA TECH

PARTNER

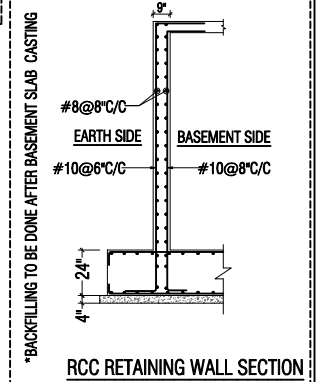
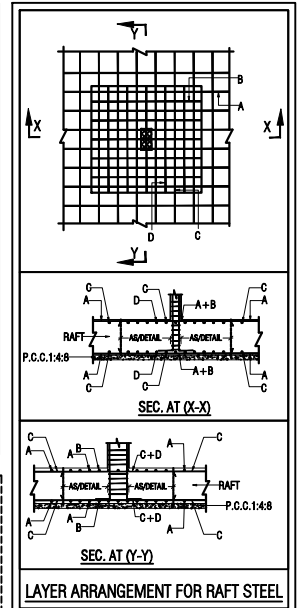
FRAME CONSULTANTS
Er. LOKESH WADHWHA
B.Tech.(Civil), M.Tech.(Structure)
IAStructe AM-232

GENERAL NOTE: 1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM. 2. DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSION ONLY. 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING. ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE. 4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW ROOF OF BEAMS/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING. ABBREVIATIONS: * N.T.S. = NOT TO SCALE * B.W. = BOTH WAYS * T.B. = TOP & BOTTOM DESIGN DATA: GRADE OF CONCRETE: M-25 GRADE OF STEEL: Fe-415 BUILDING DESIGN FOR: S+G+3 SOIL CONSIDERED: 15 T/M2	REINFORCEMENT DETAILS: 1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS B WITH CHARACTERISTIC STRENGTH 660 N/mm ² CONFORMING TO IS 1786-1986, SHALL BE USED. 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO AND SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED. 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION. 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE B IS DIA. OF BARS. COV. SPACE: 1.2B M-25: 48B M-20: 45B 6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED AT 180MM C/C OTHERWISE MENTIONED. 7. REINFORCEMENT IN WALLS IS CLASSIFIED & SPECIFIED AS FOLLOWS: Ø 4 @ 150 Ø 6 @ 150 Ø 8 @ 150 Ø 10 @ 150 Ø 12 @ 150 Ø 14 @ 150 Ø 16 @ 150 Ø 18 @ 150 Ø 20 @ 150 Ø 22 @ 150 Ø 24 @ 150 Ø 26 @ 150 Ø 28 @ 150 Ø 30 @ 150 Ø 32 @ 150 Ø 34 @ 150 Ø 36 @ 150 Ø 38 @ 150 Ø 40 @ 150 Ø 42 @ 150 Ø 44 @ 150 Ø 46 @ 150 Ø 48 @ 150 Ø 50 @ 150 Ø 52 @ 150 Ø 54 @ 150 Ø 56 @ 150 Ø 58 @ 150 Ø 60 @ 150 Ø 62 @ 150 Ø 64 @ 150 Ø 66 @ 150 Ø 68 @ 150 Ø 70 @ 150 Ø 72 @ 150 Ø 74 @ 150 Ø 76 @ 150 Ø 78 @ 150 Ø 80 @ 150 Ø 82 @ 150 Ø 84 @ 150 Ø 86 @ 150 Ø 88 @ 150 Ø 90 @ 150 Ø 92 @ 150 Ø 94 @ 150 Ø 96 @ 150 Ø 98 @ 150 Ø 100 @ 150 Ø 102 @ 150 Ø 104 @ 150 Ø 106 @ 150 Ø 108 @ 150 Ø 110 @ 150 Ø 112 @ 150 Ø 114 @ 150 Ø 116 @ 150 Ø 118 @ 150 Ø 120 @ 150 Ø 122 @ 150 Ø 124 @ 150 Ø 126 @ 150 Ø 128 @ 150 Ø 130 @ 150 Ø 132 @ 150 Ø 134 @ 150 Ø 136 @ 150 Ø 138 @ 150 Ø 140 @ 150 Ø 142 @ 150 Ø 144 @ 150 Ø 146 @ 150 Ø 148 @ 150 Ø 150 @ 150 Ø 152 @ 150 Ø 154 @ 150 Ø 156 @ 150 Ø 158 @ 150 Ø 160 @ 150 Ø 162 @ 150 Ø 164 @ 150 Ø 166 @ 150 Ø 168 @ 150 Ø 170 @ 150 Ø 172 @ 150 Ø 174 @ 150 Ø 176 @ 150 Ø 178 @ 150 Ø 180 @ 150 Ø 182 @ 150 Ø 184 @ 150 Ø 186 @ 150 Ø 188 @ 150 Ø 190 @ 150 Ø 192 @ 150 Ø 194 @ 150 Ø 196 @ 150 Ø 198 @ 150 Ø 200 @ 150 Ø 202 @ 150 Ø 204 @ 150 Ø 206 @ 150 Ø 208 @ 150 Ø 210 @ 150 Ø 212 @ 150 Ø 214 @ 150 Ø 216 @ 150 Ø 218 @ 150 Ø 220 @ 150 Ø 222 @ 150 Ø 224 @ 150 Ø 226 @ 150 Ø 228 @ 150 Ø 230 @ 150 Ø 232 @ 150 Ø 234 @ 150 Ø 236 @ 150 Ø 238 @ 150 Ø 240 @ 150 Ø 242 @ 150 Ø 244 @ 150 Ø 246 @ 150 Ø 248 @ 150 Ø 250 @ 150 Ø 252 @ 150 Ø 254 @ 150 Ø 256 @ 150 Ø 258 @ 150 Ø 260 @ 150 Ø 262 @ 150 Ø 264 @ 150 Ø 266 @ 150 Ø 268 @ 150 Ø 270 @ 150 Ø 272 @ 150 Ø 274 @ 150 Ø 276 @ 150 Ø 278 @ 150 Ø 280 @ 150 Ø 282 @ 150 Ø 284 @ 150 Ø 286 @ 150 Ø 288 @ 150 Ø 290 @ 150 Ø 292 @ 150 Ø 294 @ 150 Ø 296 @ 150 Ø 298 @ 150 Ø 300 @ 150 Ø 302 @ 150 Ø 304 @ 150 Ø 306 @ 150 Ø 308 @ 150 Ø 310 @ 150 Ø 312 @ 150 Ø 314 @ 150 Ø 316 @ 150 Ø 318 @ 150 Ø 320 @ 150 Ø 322 @ 150 Ø 324 @ 150 Ø 326 @ 150 Ø 328 @ 150 Ø 330 @ 150 Ø 332 @ 150 Ø 334 @ 150 Ø 336 @ 150 Ø 338 @ 150 Ø 340 @ 150 Ø 342 @ 150 Ø 344 @ 150 Ø 346 @ 150 Ø 348 @ 150 Ø 350 @ 150 Ø 352 @ 150 Ø 354 @ 150 Ø 356 @ 150 Ø 358 @ 150 Ø 360 @ 150 Ø 362 @ 150 Ø 364 @ 150 Ø 366 @ 150 Ø 368 @ 150 Ø 370 @ 150 Ø 372 @ 150 Ø 374 @ 150 Ø 376 @ 150 Ø 378 @ 150 Ø 380 @ 150 Ø 382 @ 150 Ø 384 @ 150 Ø 386 @ 150 Ø 388 @ 150 Ø 390 @ 150 Ø 392 @ 150 Ø 394 @ 150 Ø 396 @ 150 Ø 398 @ 150 Ø 400 @ 150 Ø 402 @ 150 Ø 404 @ 150 Ø 406 @ 150 Ø 408 @ 150 Ø 410 @ 150 Ø 412 @ 150 Ø 414 @ 150 Ø 416 @ 150 Ø 418 @ 150 Ø 420 @ 150 Ø 422 @ 150 Ø 424 @ 150 Ø 426 @ 150 Ø 428 @ 150 Ø 430 @ 150 Ø 432 @ 150 Ø 434 @ 150 Ø 436 @ 150 Ø 438 @ 150 Ø 440 @ 150 Ø 442 @ 150 Ø 444 @ 150 Ø 446 @ 150 Ø 448 @ 150 Ø 450 @ 150 Ø 452 @ 150 Ø 454 @ 150 Ø 456 @ 150 Ø 458 @ 150 Ø 460 @ 150 Ø 462 @ 150 Ø 464 @ 150 Ø 466 @ 150 Ø 468 @ 150 Ø 470 @ 150 Ø 472 @ 150 Ø 474 @ 150 Ø 476 @ 150 Ø 478 @ 150 Ø 480 @ 150 Ø 482 @ 150 Ø 484 @ 150 Ø 486 @ 150 Ø 488 @ 150 Ø 490 @ 150 Ø 492 @ 150 Ø 494 @ 150 Ø 496 @ 150 Ø 498 @ 150 Ø 500 @ 150 Ø 502 @ 150 Ø 504 @ 150 Ø 506 @ 150 Ø 508 @ 150 Ø 510 @ 150 Ø 512 @ 150 Ø 514 @ 150 Ø 516 @ 150 Ø 518 @ 150 Ø 520 @ 150 Ø 522 @ 150 Ø 524 @ 150 Ø 526 @ 150 Ø 528 @ 150 Ø 530 @ 150 Ø 532 @ 150 Ø 534 @ 150 Ø 536 @ 150 Ø 538 @ 150 Ø 540 @ 150 Ø 542 @ 150 Ø 544 @ 150 Ø 546 @ 150 Ø 548 @ 150 Ø 550 @ 150 Ø 552 @ 150 Ø 554 @ 150 Ø 556 @ 150 Ø 558 @ 150 Ø 560 @ 150 Ø 562 @ 150 Ø 564 @ 150 Ø 566 @ 150 Ø 568 @ 150 Ø 570 @ 150 Ø 572 @ 150 Ø 574 @ 150 Ø 576 @ 150 Ø 578 @ 150 Ø 580 @ 150 Ø 582 @ 150 Ø 584 @ 150 Ø 586 @ 150 Ø 588 @ 150 Ø 590 @ 150 Ø 592 @ 150 Ø 594 @ 150 Ø 596 @ 150 Ø 598 @ 150 Ø 600 @ 150 Ø 602 @ 150 Ø 604 @ 150 Ø 606 @ 150 Ø 608 @ 150 Ø 610 @ 150 Ø 612 @ 150 Ø 614 @ 150 Ø 616 @ 150 Ø 618 @ 150 Ø 620 @ 150 Ø 622 @ 150 Ø 624 @ 150 Ø 626 @ 150 Ø 628 @ 150 Ø 630 @ 150 Ø 632 @ 150 Ø 634 @ 150 Ø 636 @ 150 Ø 638 @ 150 Ø 640 @ 150 Ø 642 @ 150 Ø 644 @ 150 Ø 646 @ 150 Ø 648 @ 150 Ø 650 @ 150 Ø 652 @ 150 Ø 654 @ 150 Ø 656 @ 150 Ø 658 @ 150 Ø 660 @ 150 Ø 662 @ 150 Ø 664 @ 150 Ø 666 @ 150 Ø 668 @ 150 Ø 670 @ 150 Ø 672 @ 150 Ø 674 @ 150 Ø 676 @ 150 Ø 678 @ 150 Ø 680 @ 150 Ø 682 @ 150 Ø 684 @ 150 Ø 686 @ 150 Ø 688 @ 150 Ø 690 @ 150 Ø 692 @ 150 Ø 694 @ 150 Ø 696 @ 150 Ø 698 @ 150 Ø 700 @ 150 Ø 702 @ 150 Ø 704 @ 150 Ø 706 @ 150 Ø 708 @ 150 Ø 710 @ 150 Ø 712 @ 150 Ø 714 @ 150 Ø 716 @ 150 Ø 718 @ 150 Ø 720 @ 150 Ø 722 @ 150 Ø 724 @ 150 Ø 726 @ 150 Ø 728 @ 150 Ø 730 @ 150 Ø 732 @ 150 Ø 734 @ 150 Ø 736 @ 150 Ø 738 @ 150 Ø 740 @ 150 Ø 742 @ 150 Ø 744 @ 150 Ø 746 @ 150 Ø 748 @ 150 Ø 750 @ 150 Ø 752 @ 150 Ø 754 @ 150 Ø 756 @ 150 Ø 758 @ 150 Ø 760 @ 150 Ø 762 @ 150 Ø 764 @ 150 Ø 766 @ 150 Ø 768 @ 150 Ø 770 @ 150 Ø 772 @ 150 Ø 774 @ 150 Ø 776 @ 150 Ø 778 @ 150 Ø 780 @ 150 Ø 782 @ 150 Ø 784 @ 150 Ø 786 @ 150 Ø 788 @ 150 Ø 790 @ 150 Ø 792 @ 150 Ø 794 @ 150 Ø 796 @ 150 Ø 798 @ 150 Ø 800 @ 150 Ø 802 @ 150 Ø 804 @ 150 Ø 806 @ 150 Ø 808 @ 150 Ø 810 @ 150 Ø 812 @ 150 Ø 814 @ 150 Ø 816 @ 150 Ø 818 @ 150 Ø 820 @ 150 Ø 822 @ 150 Ø 824 @ 150 Ø 826 @ 150 Ø 828 @ 150 Ø 830 @ 150 Ø 832 @ 150 Ø 834 @ 150 Ø 836 @ 150 Ø 838 @ 150 Ø 840 @ 150 Ø 842 @ 150 Ø 844 @ 150 Ø 846 @ 150 Ø 848 @ 150 Ø 850 @ 150 Ø 852 @ 150 Ø 854 @ 150 Ø 856 @ 150 Ø 858 @ 150 Ø 860 @ 150 Ø 862 @ 150 Ø 864 @ 150 Ø 866 @ 150 Ø 868 @ 150 Ø 870 @ 150 Ø 872 @ 150 Ø 874 @ 150 Ø 876 @ 150 Ø 878 @ 150 Ø 880 @ 150 Ø 882 @ 150 Ø 884 @ 150 Ø 886 @ 150 Ø 888 @ 150 Ø 890 @ 150 Ø 892 @ 150 Ø 894 @ 150 Ø 896 @ 150 Ø 898 @ 150 Ø 900 @ 150 Ø 902 @ 150 Ø 904 @ 150 Ø 906 @ 150 Ø 908 @ 150 Ø 910 @ 150 Ø 912 @ 150 Ø 914 @ 150 Ø 916 @ 150 Ø 918 @ 150 Ø 920 @ 150 Ø 922 @ 150 Ø 924 @ 150 Ø 926 @ 150 Ø 928 @ 150 Ø 930 @ 150 Ø 932 @ 150 Ø 934 @ 150 Ø 936 @ 150 Ø 938 @ 150 Ø 940 @ 150 Ø 942 @ 150 Ø 944 @ 150 Ø 946 @ 150 Ø 948 @ 150 Ø 950 @ 150 Ø 952 @ 150 Ø 954 @ 150 Ø 956 @ 150 Ø 958 @ 150 Ø 960 @ 150 Ø 962 @ 150 Ø 964 @ 150 Ø 966 @ 150 Ø 968 @ 150 Ø 970 @ 150 Ø 972 @ 150 Ø 974 @ 150 Ø 976 @ 150 Ø 978 @ 150 Ø 980 @ 150 Ø 982 @ 150 Ø 984 @ 150 Ø 986 @ 150 Ø 988 @ 150 Ø 990 @ 150 Ø 992 @ 150 Ø 994 @ 150 Ø 996 @ 150 Ø 998 @ 150 Ø 1000 @ 150 Ø 1002 @ 150 Ø 1004 @ 150 Ø 1006 @ 150 Ø 1008 @ 150 Ø 1010 @ 150 Ø 1012 @ 150 Ø 1014 @ 150 Ø 1016 @ 150 Ø 1018 @ 150 Ø 1020 @ 150 Ø 1022 @ 150 Ø 1024 @ 150 Ø 1026 @ 150 Ø 1028 @ 150 Ø 1030 @ 150 Ø 1032 @ 150 Ø 1034 @ 150 Ø 1036 @ 150 Ø 1038 @ 150 Ø 1040 @ 150 Ø 1042 @ 150 Ø 1044 @ 150 Ø 1046 @ 150 Ø 1048 @ 150 Ø 1050 @ 150 Ø 1052 @ 150 Ø 1054 @ 150 Ø 1056 @ 150 Ø 1058 @ 150 Ø 1060 @ 150 Ø 1062 @ 150 Ø 1064 @ 150 Ø 1066 @ 150 Ø 1068 @ 150 Ø 1070 @ 150 Ø 1072 @ 150 Ø 1074 @ 150 Ø 1076 @ 150 Ø 1078 @ 150 Ø 1080 @ 150 Ø 1082 @ 150 Ø 1084 @ 150 Ø 1086 @ 150 Ø 1088 @ 150 Ø 1090 @ 150 Ø 1092 @ 150 Ø 1094 @ 150 Ø 1096 @ 150 Ø 1098 @ 150 Ø 1100 @ 150 Ø 1102 @ 150 Ø 1104 @ 150 Ø 1106 @ 150 Ø 1108 @ 150 Ø 1110 @ 150 Ø 1112 @ 150 Ø 1114 @ 150 Ø 1116 @ 150 Ø 1118 @ 150 Ø 1120 @ 150 Ø 1122 @ 150 Ø 1124 @ 150 Ø 1126 @ 150 Ø 1128 @ 150 Ø 1130 @ 150 Ø 1132 @ 150 Ø 1134 @ 150 Ø 1136 @ 150 Ø 1138 @ 150 Ø 1140 @ 150 Ø 1142 @ 150 Ø 1144 @ 150 Ø 1146 @ 150 Ø 1148 @ 150 Ø 1150 @ 150 Ø 1152 @ 150 Ø 1154 @ 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150 Ø 1464 @ 150 Ø 1466 @ 150 Ø 1468 @ 150 Ø 1470 @ 150 Ø 1472 @ 150 Ø 1474 @ 150 Ø 1476 @ 150 Ø 1478 @ 150 Ø 1480 @ 150 Ø 1482 @ 150 Ø 1484 @ 150 Ø 1486 @ 150 Ø 1488 @ 150 Ø 1490 @ 150 Ø 1492 @ 150 Ø 1494 @ 150 Ø 1496 @ 150 Ø 1498 @ 150 Ø 1500 @ 150 Ø 1502 @ 150 Ø 1504 @ 150 Ø 1506 @ 150 Ø 1508 @ 150 Ø 1510 @ 150 Ø 1512 @ 150
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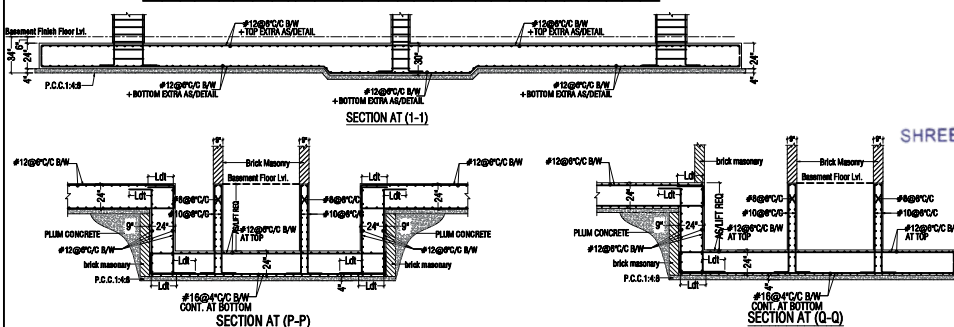
LAP LENGTH FOR HYSD Fe550 D & M25		Df = 24"
BAR DIA.	Ldt	Column "L" in Footing
8 mm	17"	12"
10 mm	21"	12"
12 mm	25"	12"
16 mm	34"	13"
20 mm	43"	22"
25 mm	54"	33"
32 mm	69"	48"

CONC. GRADE:- M-25 (MIX DESIGN 1/1:2)
STEEL GRADE:- Fe-550 D

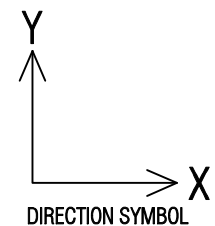
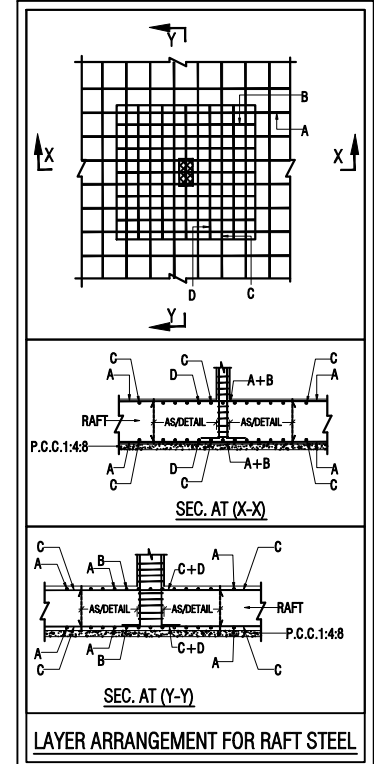
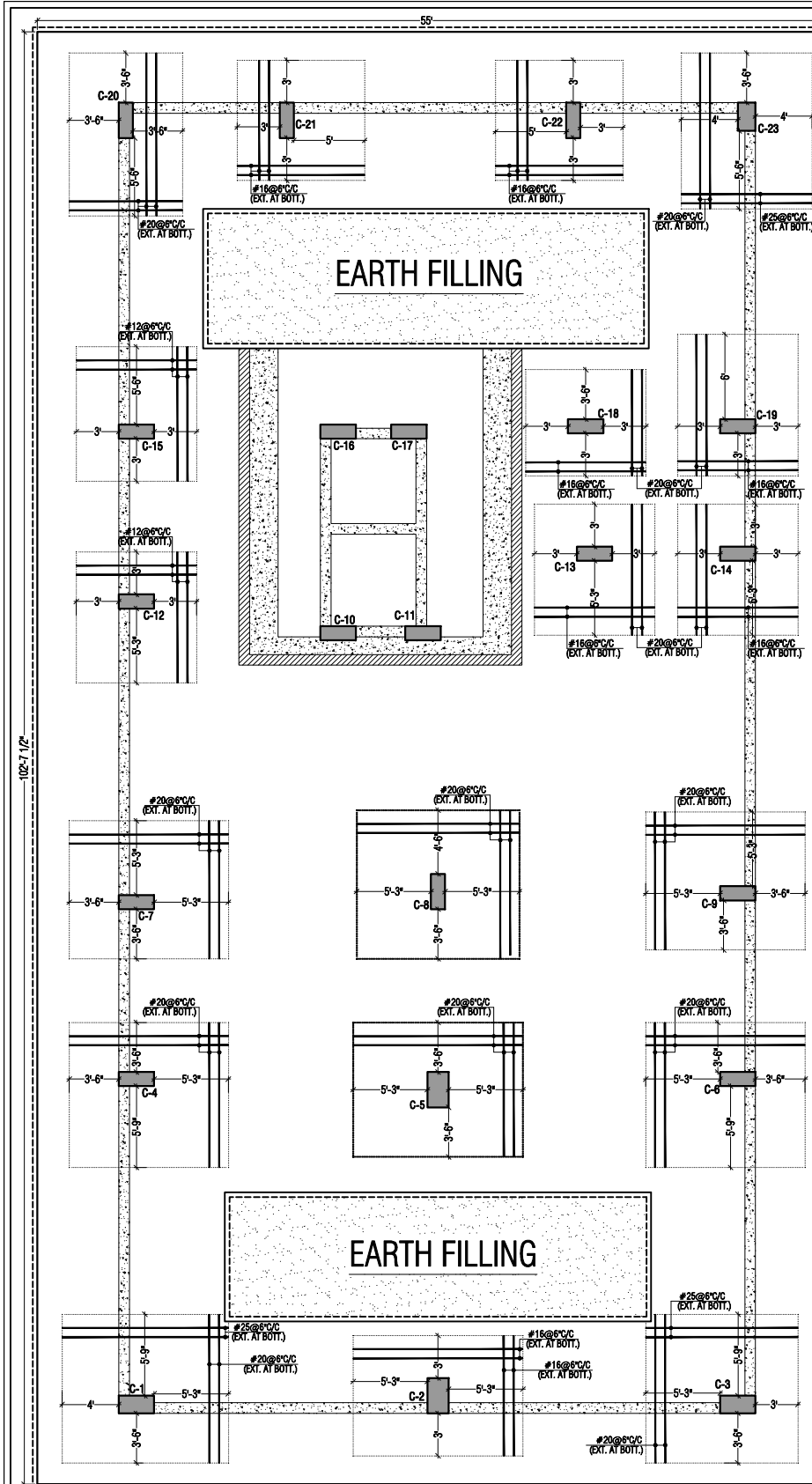
RAFT CONTIGUES(MAIN) REINFORCEMENT DETAILS:
 1. RAFT BOTTOM OUTER BARS PARALLEL TO X- DIRECTION = #12@8"C/MAN
 2. RAFT BOTTOM INNER BARS PARALLEL TO Y- DIRECTION = #12@8"C/C
 3. RAFT TOP OUTER BARS PARALLEL TO X- DIRECTION = #12@8"C/MAN
 4. RAFT TOP INNER BARS PARALLEL TO Y- DIRECTION = #12@8"C/C
RAFT THICKNESS = D-24" UNLESS SPECIFIED



RAFT FOOTING GENERAL LAYOUT PLAN



GENERAL NOTE: 1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM. 2. DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSION ONLY. 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING. ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE. 4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1" BELOW TOP OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.	REINFORCEMENT DETAILS: 1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS B WITH CHARACTERISTIC STRENGTH 660 N/mm ² CONFORMING TO IS 1786-1986, SHALL BE USED. 2. LAP IN BARS & BEAMS OF SUPER STRUCTURE CLOSE TO AND SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED. 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION. 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS, WHERE B IS DIA. OF BARS. COV. SPACE: 1.2B NO. OF BARS: 4 6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF M25@250 C/C UNLESS OTHERWISE SPECIFIED. 7. REINFORCEMENT IN WALLING IS CLASSIFIED & SPECIFIED AS FOLLOWS: NUMBER OF BARS: DIA. OF BARS IN mm. DIA. OF BARS IN mm. C/C SPACING OF BARS IN mm.	CONCRETE DETAILS: 1. MINIMAL SIZE OF CRUSHED STONE GRADED AGGREGATE SHALL BE 3/4" UNLESS OTHERWISE STATED. 2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED. 3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- PARTICULAR BOTTOM TOP SIZES FOOTING 40mm 50mm 60mm COLUMN & WALLS 40mm 40mm 40mm (EMPTY RIGID) RETAINING WALL 25mm 25mm (IN SINK) BEAM, LINTEL SLAB 25mm 25mm 25mm SLAB 25mm 15mm 25mm (WHERE APPLICABLE) WATER TANK (WALL & SLAB) 25mm ON WATER TANK 40mm (ON DRY SIDE)	MISCELLANEOUS: 1. REMOVAL OF SKEWERING: THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE SPECIFIED. * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS. * SLAB (FORMS LEFT UNDER) - 3 DAYS. * BEAM GUTTER (FORMS LEFT) - 7 DAYS. * REMOVAL OF FORMS UNDER SLAB - 7 DAYS. * SPAN OVER TO 6.0 METER - 14 DAYS. * SPAN OVER TO 6.0 METER - 21 DAYS. 2. SPACER BARS: SHALL BE 20MM DIA AS MAX. 4" (100) INTERVALS. * BOTTOM BARS IN PLAN SHOWN THUS: _____ * TOP BARS IN PLAN SHOWN THUS: _____	PROJECT: PRESTIGE PALMS PROPOSED BUILDING OF PLOT NO. D-82-A, GHEEYA MARG BANI PARK, JAIPUR DRAWING TITLE: RAFT FOOTING LAYOUT PLAN & DETAIL 1/3 GAO DEVELOPED: ER. MAJID KHAN CHECKED BY:- ER. LOKESH WADHWHA SCALE: N.T.S. DRAWING NO.: S-02 REVISION NO.: R-00 DATE: 05-12-2023	ARCHITECTS: ANKIT SHARMA ARCHITECTS • INTERIORS • & CONSTRUCTION B-4 C-41 VEDHA APARTMENT, BANI PARK, JAIPUR Phone: 94141-48889, Mobile: 94141-88889 email: ankit_sharma@yahoo.com STRUCTURAL CONSULTANT: Frame Consultants STRUCTURAL PLANNER & DESIGNER D-55 Gadhara Marg, Nirman Nagar, Jaipur Email:- kameshwarbajaj@gmail.com Mob:- 98288110116, 9824119011

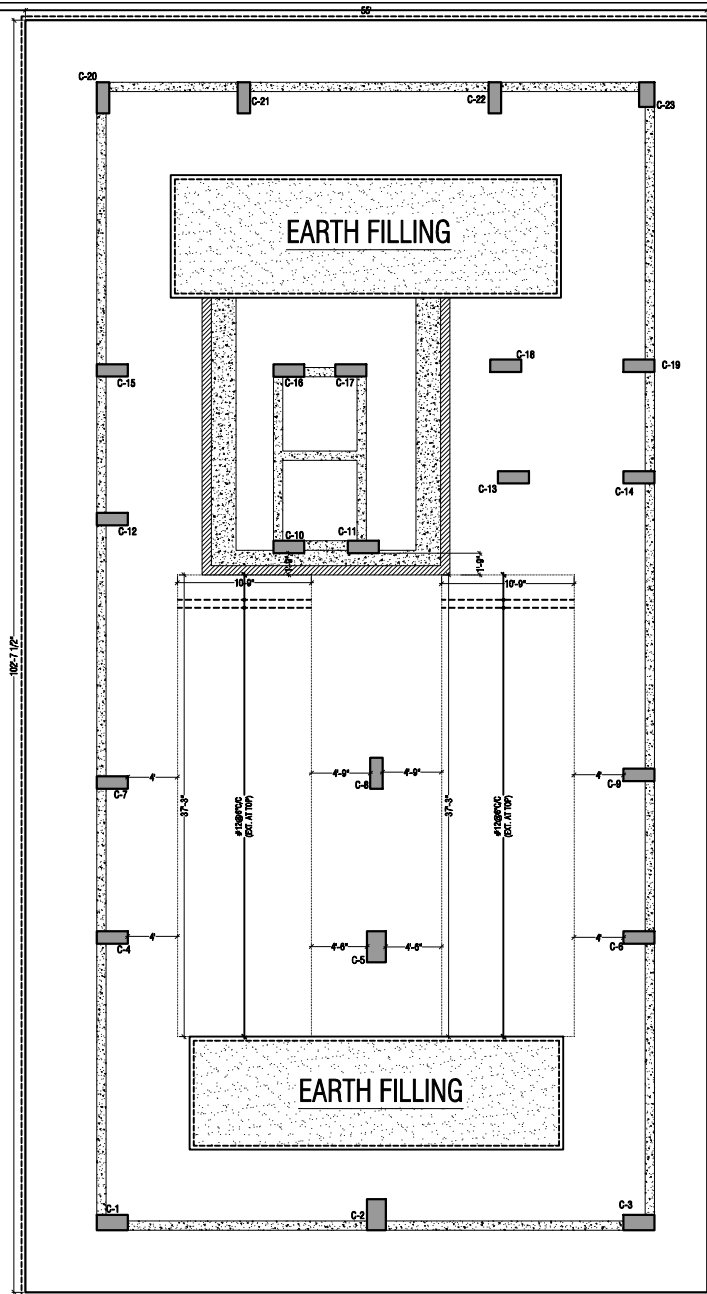


SHREE TIRUPATI PRATECH
gaurav
 PARTNER

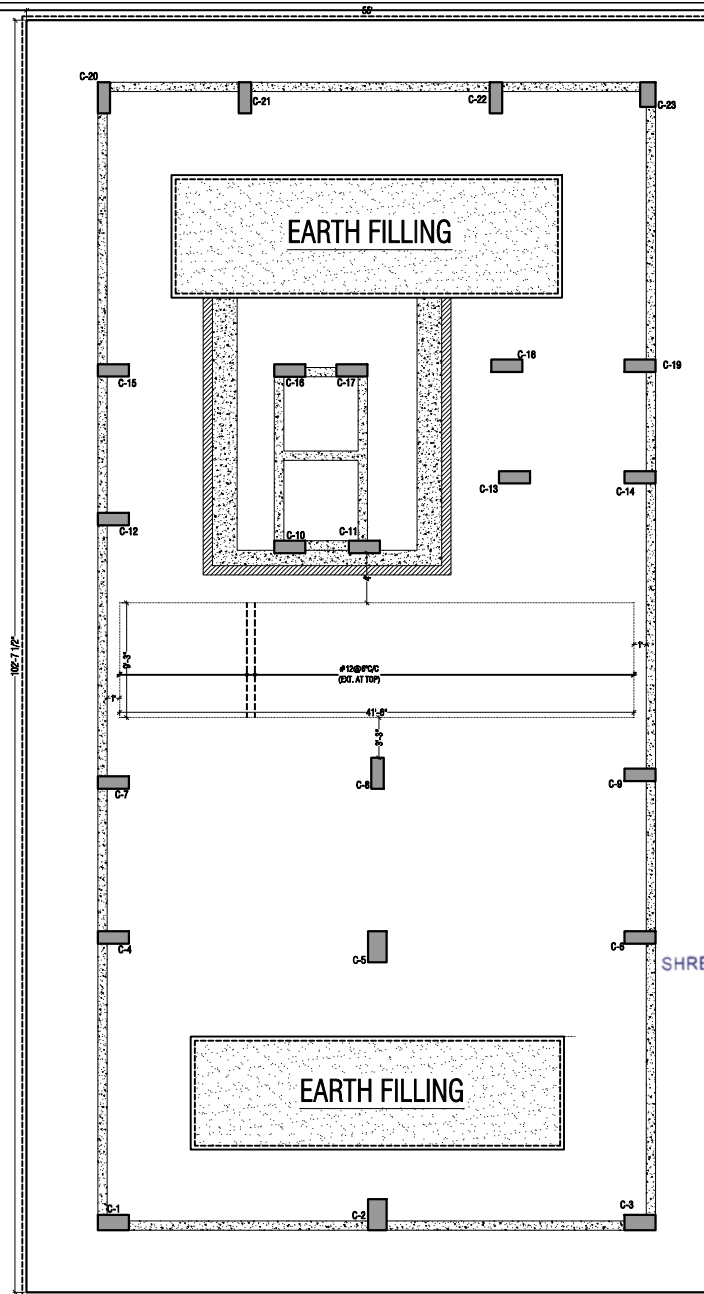
Lokesh Wadhwa
FRAME CONSULTANTS
 Er. LOKESH WADHWHA
 B.Tech.(Civil), M.Tech.(Structure)
 IAStructE AM-232

RAFT BOTTOM EXTRA REINFORCEMENT PLAN

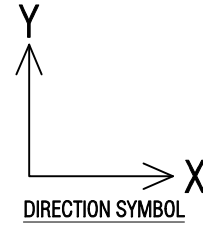
GENERAL NOTE:	REINFORCEMENT DETAILS:	CONCRETE DETAILS:	MISCELLANEOUS:	PROJECT:	ARCHITECTS:																												
				PRESTIGE PALMS PROPOSED BUILDING OF PLOT NO. D-82-A, SPECTRA HILLS BAMN PARS, JALPURI																													
1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM. 2. DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSION ONLY. 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING. ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE. 4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN. OTHER WALLS SHALL BE STOPPED 1" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.	1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS # WITH CHARACTERISTIC STRENGTH 460 N/mm ² CONFORMING TO IS 1786-1985, SHALL BE USED. 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO AND SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED. 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION. 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS, WHERE # IS DIA. OF BARS. TENSILE GRADE: 1.2# COMP. GRADE: 1.1# 5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 6mm@250 OTHERWISE MENTIONED. 6. REINFORCEMENT IN WALLS IS CLASSIFIED & SPECIFIED AS FOLLOWS: NUMBER OF BARS: 4 @ 16# DIA. OF BARS IS mm. DIA. OF BARS IS mm. 10 # @ 150 c/c SPACING OF BARS IS mm.	1. NOMINAL RISE OF CURVED STONE GRADED AGGREGATE SHALL BE 34" UNLESS OTHERWISE STATED. 2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 464-2000 UNLESS OTHERWISE NOTED. 3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- <table><tr><th>PARTICULAR</th><th>BOTTOM</th><th>TOP</th><th>SIDES</th></tr><tr><td>FOOTING</td><td>40mm</td><td>50mm</td><td>50mm</td></tr><tr><td>COLUNN & WALL</td><td>40mm</td><td>40mm</td><td>40mm</td></tr><tr><td>RETAINING WALL</td><td>25mm</td><td>40mm</td><td>40mm (DRAINY SIDE)</td></tr><tr><td>BEAM, LITTEL</td><td>25mm</td><td>25mm</td><td>25mm (W. EDGE)</td></tr><tr><td>SLAB</td><td>20mm</td><td>15mm</td><td>25mm (WHERE APPLICABLE)</td></tr><tr><td>WATER TANK (WALL & SLAB)</td><td>25mm</td><td>25mm (ON WATER FACE)</td><td>45mm (ON DRY SIDE)</td></tr></table>	PARTICULAR	BOTTOM	TOP	SIDES	FOOTING	40mm	50mm	50mm	COLUNN & WALL	40mm	40mm	40mm	RETAINING WALL	25mm	40mm	40mm (DRAINY SIDE)	BEAM, LITTEL	25mm	25mm	25mm (W. EDGE)	SLAB	20mm	15mm	25mm (WHERE APPLICABLE)	WATER TANK (WALL & SLAB)	25mm	25mm (ON WATER FACE)	45mm (ON DRY SIDE)	1. REMOVAL OF SUTTERING: THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED. * WALL, COL. & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS. * SLAB (TOP & BOTTOM) 3 DAYS. * BEAM (TOP & BOTTOM) 7 DAYS. * REMOVAL OF FORMS UNDER SLAB - 7 DAYS. * SPILL UP TO 4.5 METERS - 14 DAYS. * SPILL OVER TO 4.5 METERS - 21 DAYS. 2. SPACER BARS: SHALL BE 20MM DIA AS MAX. 4'-0" (1200) INTERVALS. STAIRS: * BOTTOM BARS IN PLAN SHOWN THUS: ----- * TOP BARS IN PLAN SHOWN THUS: -----	DRAWING TITLE: RAFT FOOTING LAYOUT PLAN & DETAIL 2/3 RAFT BOTTOM EXTRA REINFORCEMENT PLAN CADD DEVELOPED:- ER. MAJID KHAN DESIGN BY:- ER. LOKESH WADHWHA CHECKED BY:- ER. RAJESH KUMARWAT SCALE:- N.T.S. DRAWING NO:- S-03 REVISION NO:- R-00 DATE:- 05-12-2023	ANKIT SHARMA ARCHITECTS * INTERIORS * & CONSTRUCTIONS B-4, C-46, VEDHA APARTMENT, BAFU NAGAR, JALPURI Phone: 94141-48880, Mobile: 94141-88800, Email: ankit_sharma@yahoo.com
PARTICULAR	BOTTOM	TOP	SIDES																														
FOOTING	40mm	50mm	50mm																														
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ABBREVIATIONS: * N.T.S. = NOT TO SCALE * B.W. = BOTH WAYS * TB = TOP & BOTTOM	DESIGN DATA: GRADE OF CONCRETE: M-25 GRADE OF STEEL: Fe-415 BUILDING DESIGN FOR: S+G+1 SOIL CONSIDERED: 16 T/m ²			STRUCTURAL CONSULTANT:																													
				Frame Consultants STRUCTURAL PLANNER & DESIGNER D-55 Gadam Mang, Nirman Nagar, Jalpur Email: frameconsultantsjalpur@gmail.com MO:- 9828516016, 9824198011																													



RAFT TOP EXTRA REINFORCEMENT PLAN (X-DIRECTION)



RAFT TOP EXTRA REINFORCEMENT PLAN (Y-DIRECTION)



GENERAL NOTE:

1. ALL DIMENSIONS AND LEVELS ARE IN FEET, INCHES, AND MM.
2. DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSIONS ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWINGS. ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STUDIED 1/2' BELOW SURFACE OF REINFORCED CONCRETE AND GAP FILLED WITH LEAN GROUT. NOTED UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS:

1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS # WITH CHARACTERISTIC STRENGTH 60K W/SHALL CONFORMING TO IS 1786-1986, SHALL BE USED.
2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS:

CONC. GRADE	LAP
M-25	50d
5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8#@10"X10" UNLESS OTHERWISE NOTED.
6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:

NUMBER OF BARS	DIAMETER OF BARS IN mm.
4 #10	10
10 #10 @ 10"	10

CONCRETE DETAILS:

1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGREGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.
2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.
3. CLEAN COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:

PARTICULAR	BOTTOM	TOP	SIDE
FOOTING	60mm	60mm	60mm
COLUMN & WALLS	40mm	40mm	40mm
RETAINING WALL	25mm	40mm (EXTERIOR SIDE)	25mm (INTERIOR SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	25mm	25mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)	25mm (ON WATER FACE)	25mm (ON DRY SIDE)	40mm (ON DRY SIDE)

REMOVAL OF SHUTTERING: THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.

- * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.
- * SLAB (FROM LEFT UNDER) — 3 DAYS.
- * BEAM (FROM LEFT UNDER) — 7 DAYS.
- * REMOVAL OF FORMS UNDER SLAB — 7 DAYS.
- * SPAN UP TO 6.0 METER — 14 DAYS.
- * SPAN OVER TO 6.0 METER — 21 DAYS.

2. SPACER BARS: SHALL BE 20MM DIA AS MAX. 4-#12@1000 INTERVALS.

SYMBOLS:

- * BOTTOM BARS IN PLAN SHOWN THIN.
- * TOP BARS IN PLAN SHOWN THICK.

ABBREVIATIONS:

- * N.T.S. = NOT TO SCALE
- * R.F. = REINFORCEMENT
- * S.W. = BOTH WAY
- * T/B = TOP & BOTTOM

DESIGN DATA:

GRADE OF CONCRETE	M-25
GRADE OF STEEL	FY-600 D
S.L.A. AND DESIGN FOR	S-1 & S-2
SBC CONSIDERED	15 T/m ²

REVISION NO.	DATE	REMARK

PROJECT:
PRESTIGE PALMS
PROPOSED BUILDING OF PLOT NO. D-62-A,
SHEEVA MARG BANI PARK, JAIPUR.

DRAWING TITLE:
RAFT FOOTING LAYOUT PLAN & DETAIL 3/3
RAFT TOP EXTRA REINFORCEMENT PLAN

ARCHITECTS:
ANKIT SHARMA
ARCHITECTS • INTERIORS • & CONSTRUCTIONS
B-4, C-4, VIDHYA APARTMENT, RAJU NAGAR, JAIPUR
Phone: 9144-408891, Mobile: 94010-080408
email: arch_ankit@yahoo.co.in

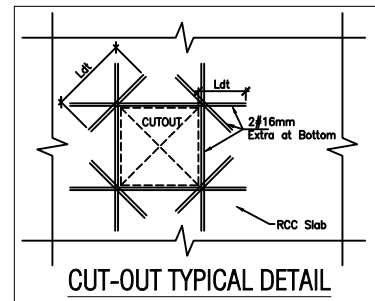
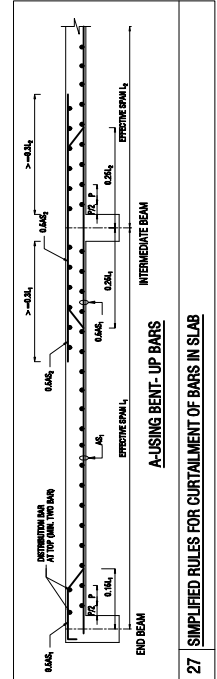
STRUCTURAL CONSULTANT:
Frame Consultants
STRUCTURAL ENGINEERS & DESIGNERS
D-65 Gaudam Marg, Nirman Nagar, Jaipur
(Email: - frameconsultantsjaipur@gmail.com)
(MO: - 9629816016, 9624118011)

CADD DEVELOPED BY:-	ER. MAJID KHAN
DESIGN BY:-	ER. LOKESH WADHWA
CHECKED BY:-	ER. RAJESH KUMAWAT
SCALE:-	N.T.S.
DRAWING NO.	S-04
REVISION NO.	R-00
DATE:	05-12-2023

SLAB DETAIL

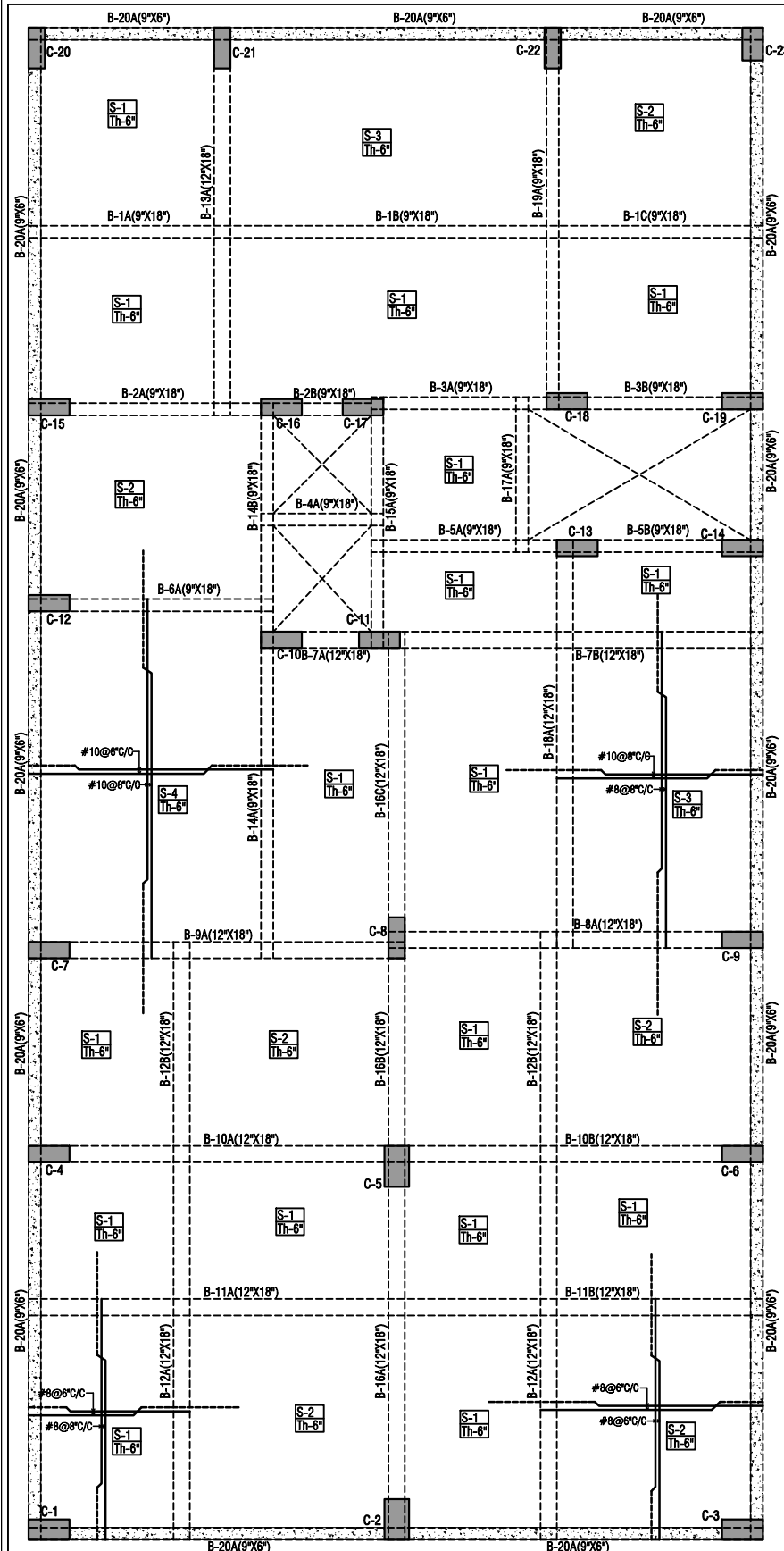
SLAB	Main Bar	Sec. Bar	Slab Thickness
S-1	#8@6" c/c	#8@8" c/c	6"
S-2	#8@6" c/c	#8@6" c/c	6"
S-3	#10@8" c/c	#8@8" c/c	6"
S-4	#10@6" c/c	#10@8" c/c	6"

CONC. GRADE:- M-25 (MIX DESIGN /1:1:2)
STEEL GRADE:- Fe-500 D

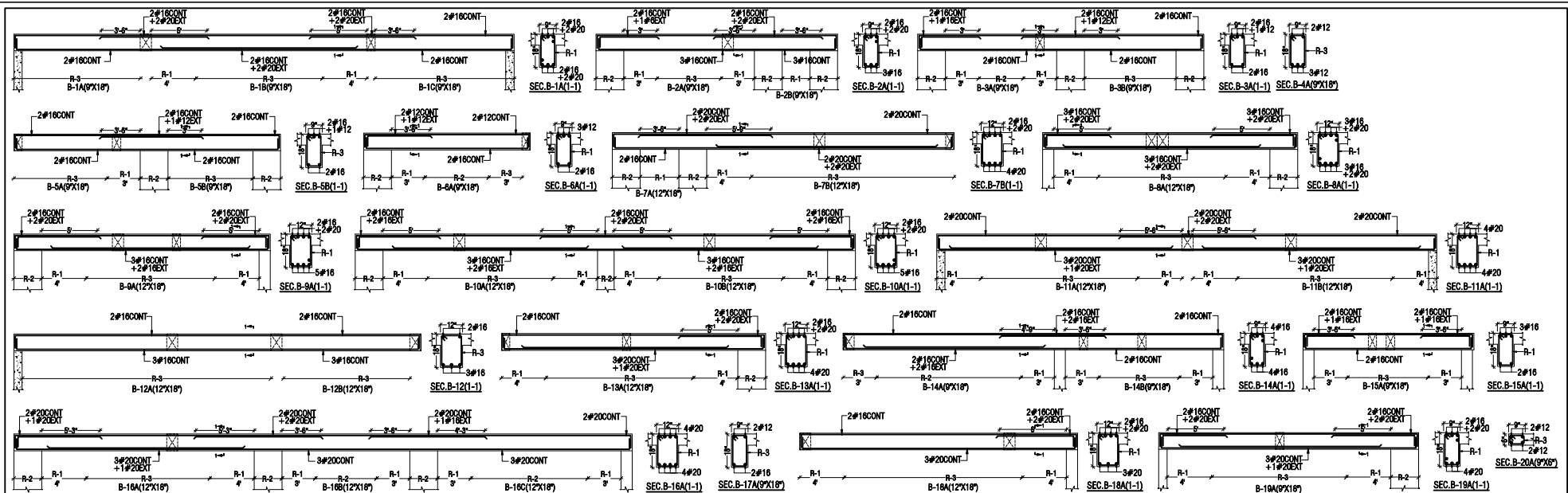


SHREE TIRUPATI RATCH
PARTNER

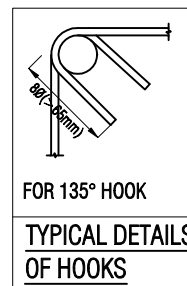
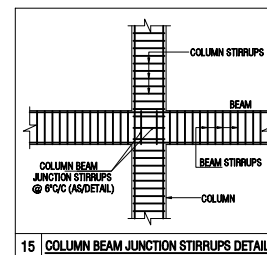
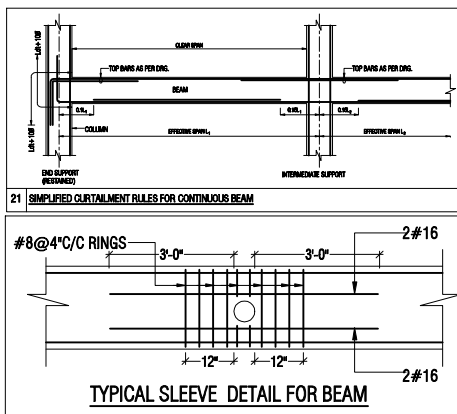
FRAME CONSULTANTS
Er. LOKESH WADHWA
B.Tech.(Civil), M.Tech.(Structure)
IAStructE AM-232



GENERAL NOTE: 1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM. 2. DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSION ONLY. 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING. ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE. 4. ONLY LOAD-BEARING WALLS ARE SHOWN IN PLAN. OTHER WALLS SHALL BE STOPPED 1" BELOW SOFFIT OF BEAMS/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.		REINFORCEMENT DETAILS: 1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS # WITH CHARACTERISTIC STRENGTH (40k N/mm ²) CONFORMING TO IS 1786-1986, SHALL BE USED. 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO AND OPEN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED. 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION. 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS, WHERE 'd' IS DIA. OF BARS. 5. NUMBER OF BARS: 6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED BY 8mm/10mm UNLESS OTHERWISE MENTIONED. 7. REINFORCEMENT IN WALLING IS CLASSIFIED & SPECIFIED AS FOLLOWS: 8. DIA. OF BARS IN mm. 9. DIA. OF BARS IN mm. 10. #10 @ 150 c/c SPACING OF BARS IN mm.		CONCRETE DETAILS: 1. MINIMAL SIZE OF CURVED STONE GRADED AGGREGATE SHALL BE 2/3 UNLESS OTHERWISE STATED. 2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED. 3. CLEAR COVER OF CONCRETE IN MILLIMETERS TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- 4. CLEAR COVER OF CONCRETE IN MILLIMETERS TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- 5. CLEAR COVER OF CONCRETE IN MILLIMETERS TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- 6. CLEAR COVER OF CONCRETE IN MILLIMETERS TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- 7. CLEAR COVER OF CONCRETE IN MILLIMETERS TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- 8. CLEAR COVER OF CONCRETE IN MILLIMETERS TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- 9. CLEAR COVER OF CONCRETE IN MILLIMETERS TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- 10. CLEAR COVER OF CONCRETE IN MILLIMETERS TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:-		MISCELLANEOUS: 1. REMOVAL OF SUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED. 2. WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS. 3. SLAB (TOP & BOTTOM) 3 DAYS. 4. BEAM (TOP & BOTTOM) 7 DAYS. 5. REMOVAL OF FORMS UNDER SLAB - 7 DAYS. 6. SPAN OVER TO 6.0 METERS - 14 DAYS. 7. SPAN OVER TO 6.0 METERS - 21 DAYS. 8. SPACER BARS:- SHALL BE 20mm DIA AS MAX. 4-8" (100mm) INTERVALS. 9. BOTTOM BARS IN PLAN SHOWN TRUE. 10. TOP BARS IN PLAN SHOWN TRUE.		PROJECT: PRESTIGE PALMS PROPOSED BUILDING OF PLOT NO. D-82-A, GREYA MARG BANI PARK, JAIPUR DRAWING TITLE: BASEMENT FLOOR (ROOF) LVL. FRAMING PLAN DESIGNED BY:- ER. MAJID KHAN CHECKED BY:- ER. LOKESH WADHWA SCALE: N.T.S. DRAWING NO.: S-06 REVISION NO.: R-00 DATE:- 06-12-2023		ARCHITECTS: ANKIT SHARMA ARCHITECTS - INTERIORS & CONSTRUCTION B-4 C-46 VEDHA APARTMENT, BANI PARK, JAIPUR Phone: 92141-48888, Mobile: 94151-88888 Email: ankit_sharma@yahoo.com STRUCTURAL CONSULTANT: Frame Consultants STRUCTURAL PLANNER & DESIGNER D-55 Gadam Marg, Nirman Nagar, Jaipur Email: frameconsultantsjaipur@gmail.com MO:- 92285110116, 9224118011	
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RINGS (STRIPPS) SCHEDULE		
MARK	DETAIL	TYPE
R-1	2-L#8@4"C/C	
R-2	2-L#8@8"C/C	
R-3	2-L#8@6"C/C	
R-4	4-L#8@4"C/C	
R-5	4-L#8@8"C/C	
R-6	4-L#8@6"C/C	
R-7	2-L#10@4"C/C	
R-8	2-L#10@8"C/C	
R-9	2-L#10@6"C/C	
R-10	4-L#10@4"C/C	
R-11	4-L#10@8"C/C	
R-12	4-L#10@6"C/C	



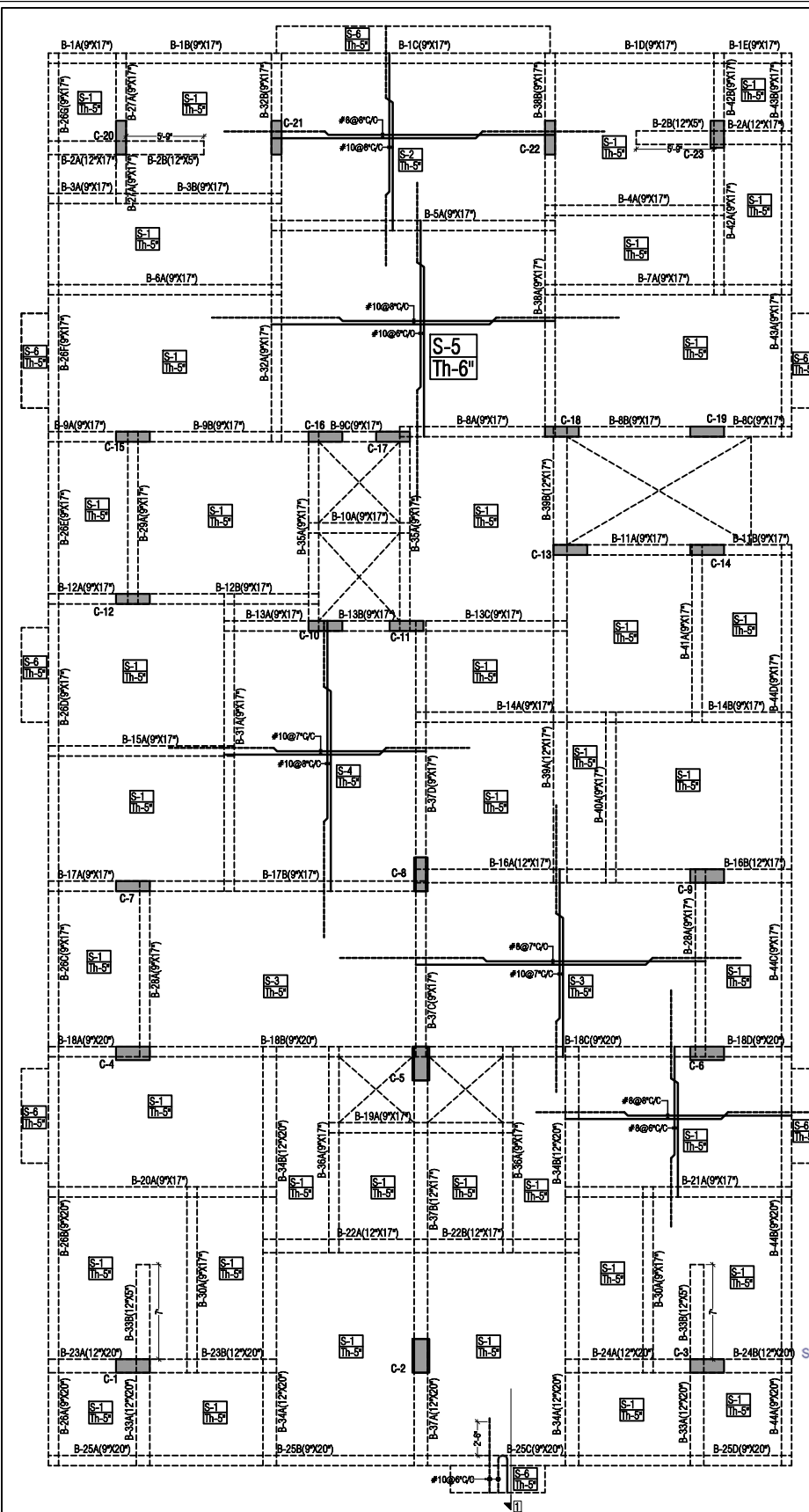
NOTES

- FOR BEAMS TERMINATING ON COLUMN, TOP EXTRA BARS SHALL BE PROVIDED BY LOWERING DOWN THE BEAM
- MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9" & 4 FOR 12" WIDE BEAM
- THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"

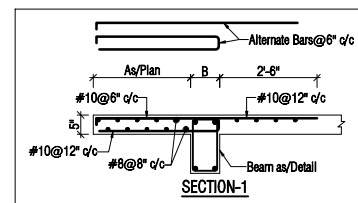
CONC. GRADE:- M-25 (MIX DESIGN 1:1:2)
STEEL GRADE:- Fe-500 D

SHREE TIRUPATI INFRATECH
 PARTNER
 LOKESH WADHWA
 FRAME CONSULTANTS
 Er. LOKESH WADHWA
 B.Tech.(Civil), M.Tech.(Structure)
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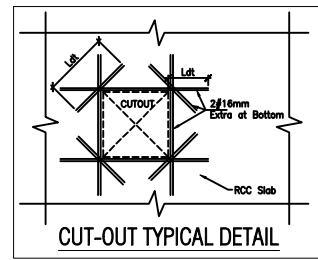
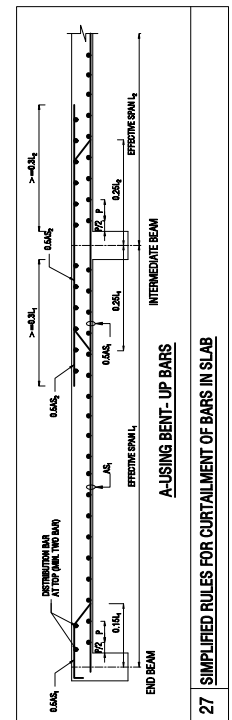
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HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 500 N/mm2 CONFORMING TO IS 1786-1985, SHALL BE USED. 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION 3. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE Ø IS DIA. OF BARS. <table><tr><td>CONC. GRADE</td><td>L_d</td></tr><tr><td>M-25</td><td>48Ø</td></tr></table> 5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@Ø/C OTHERWISE MENTIONED. 6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS: a) 4#16 DIA OF BARS IN mm. b) #10 @150 C/C SPACING OF BARS IN mm.	CONC. GRADE	L _d	M-25	48Ø	CONCRETE DETAILS: 1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGREGATE SHALL BE 3/4" UNLESS OTHERWISE STATED. 2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED. 3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :- <table><tr><td>PARTICULAR</td><td>BOTTOM</td><td>TOP</td><td>SIDES</td></tr><tr><td>FOOTING</td><td>50mm</td><td>50mm</td><td>50mm</td></tr><tr><td>COLUMNS/ S. WALLS</td><td></td><td></td><td>40mm</td></tr><tr><td>RETAINING WALL</td><td></td><td>25mm</td><td>40mm (EARTH SIDE) 20mm (IN SIDE)</td></tr><tr><td>BEAMS, LINTEL</td><td>25mm</td><td>25mm</td><td>25mm</td></tr><tr><td>SLAB</td><td>20mm</td><td>15mm</td><td>25mm (WHERE APPLICABLE)</td></tr><tr><td>WATER TANK (WALL & SLAB)</td><td></td><td></td><td>25mm (ON WATER FACE) 40mm (ON ERTH SIDE)</td></tr></table>	PARTICULAR	BOTTOM	TOP	SIDES	FOOTING	50mm	50mm	50mm	COLUMNS/ S. WALLS			40mm	RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (IN SIDE)	BEAMS, LINTEL	25mm	25mm	25mm	SLAB	20mm	15mm	25mm (WHERE APPLICABLE)	WATER TANK (WALL & SLAB)			25mm (ON WATER FACE) 40mm (ON ERTH SIDE)	MISCELLANEOUS: 1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED. * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS. * SLABS (PROPS LEFT UNDER) — 3 DAYS. * BEAM SOFFITS (PROPS LEFT) — 7 DAYS. * REMOVAL OF PROPS UNDER SLAB — 7 DAYS. SPAN UP TO 4.5 METER — 14 DAYS. SPAN OVER TO 4.5 METER — 21 DAYS. 2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4-Ø(1200) INTERVALS SYMBOLS: * BOTTOM BARS IN PLAN SHOWN THUS. ————— * TOP BARS IN PLAN SHOWN THUS. - - - - - <table><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td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SLAB DETAIL			
SLAB	Main Bar	Sec. Bar	Slab Thickness
S-1	#8@6" c/c	#8@8" c/c	5"
S-2	#10@8" c/c	#8@8" c/c	5"
S-3	#10@7" c/c	#8@7" c/c	5"
S-4	#10@7" c/c	#10@8" c/c	5"
S-5	#10@6" c/c	#10@8" c/c	6"
S-6	#10@6" c/c	#8@8" c/c	5"



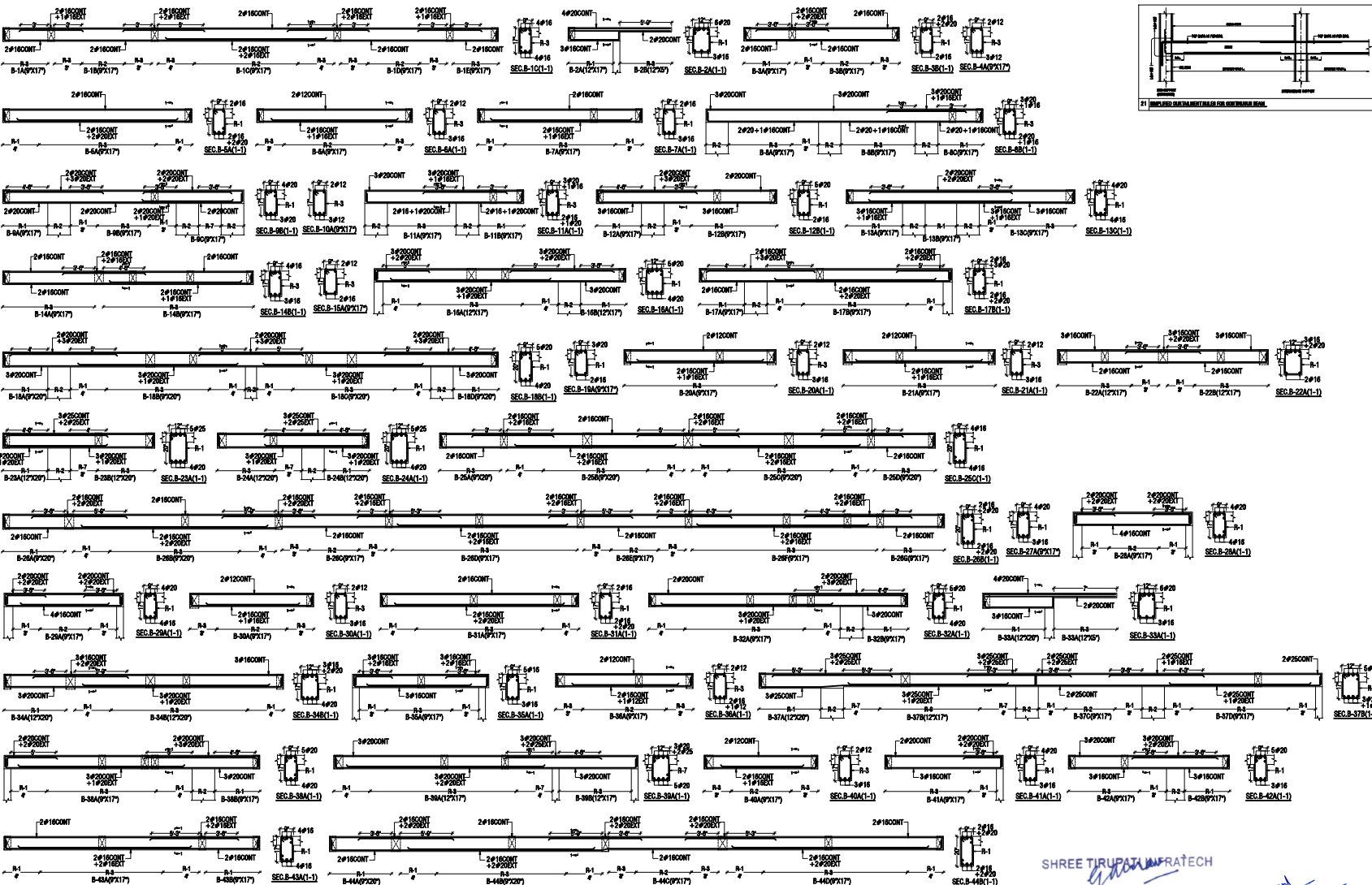
CONC. GRADE:- M-25 (MIX DESIGN /1:1.2)
STEEL GRADE:- Fe-500 D



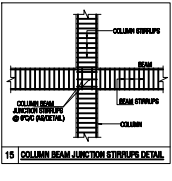
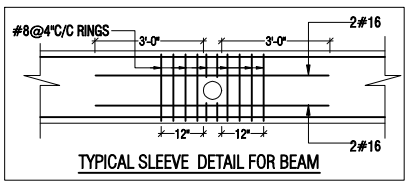
SHREE TIROPURATECH

PARTNER
Lokesh Wadhwa
FRAME CONSULTANTS
Er. LOKESH WADHWA
B.Tech.(Civil), M.Tech.(Structure)
IASTRUCT AM-232

GENERAL NOTE: 1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM. 2. DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSION ONLY. 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING. ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE. 4. ONLY LOAD-BEARING WALLS ARE SHOWN IN PLAN. OTHER WALLS SHALL BE STOPPED 12" BELOW SOFFIT OF BEAMS/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.	REINFORCEMENT DETAILS: 1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS # WITH CHARACTERISTIC STRENGTH 60K N/mm ² CONFORMING TO IS 1786-1985, SHALL BE USED. 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO AND OPEN FROM BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED. 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION. 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS, WHERE B IS DIA. OF BARS. 5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED AT 400MM C/C UNLESS OTHERWISE MENTIONED. 6. REINFORCEMENT IN WALLING IS CLASSIFIED & SPECIFIED AS FOLLOWS: NUMBER OF BARS: 1. 1/4" DIA. OF BARS IN MIN. 2. 1/4" DIA. OF BARS IN MIN. 3. 1/4" DIA. OF BARS IN MIN.	CONCRETE DETAILS: 1. NOMINAL RISE OF CURVED STONE GRADED AGGREGATE SHALL BE 3/4" UNLESS OTHERWISE STATED. 2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 464-2000 UNLESS OTHERWISE NOTED. 3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- PARTICULAR BOTTOM TOP SIZES FOOTING 40mm 50mm 150mm COLUMN/S OF WALL 40mm 40mm 40mm (MINIMUM) RETAINING WALL 25mm 40mm (MINIMUM) BEAM, LINTEL 25mm 25mm 25mm SLAB 25mm 15mm 25mm (WHERE APPLICABLE) WATER TANK (WALL & SLAB) 25mm 15mm 25mm (ON BOTH SIDES)	MISCELLANEOUS: 1. REMOVAL OF SURFACING: THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED. * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS. * SLAB (TOP & BOTTOM) 7 DAYS. * BEAM TOPS (TOP & BOTTOM) 7 DAYS. * REMOVAL OF FORMS UNDER SLAB - 7 DAYS. * SPILL OVER TO 6.0 METERS - 14 DAYS. * SPILL OVER TO 6.0 METERS - 21 DAYS. 2. SPACER BARS: SHALL BE 20MM DIA AS MAX. 4-6" (1200) INTERVALS. * BOTTOM BARS IN PLAN SHOWN TRUE. * TOP BARS IN PLAN SHOWN TRUE.	PROJECT: PRESTIGE PALMS PROPOSED BUILDING OF PLOT NO. D-82-A, GHEEYA MARG BANI PARK, JAIPUR DRAWING TITLE: TYPICAL FLOOR (ROOF) LVL. FRAMING PLAN GADD DEVELOPED:- DESIGN BY:- CHECKED BY:- SCALE:- DRAWING NO:- REVISION NO:- DATE:-	ARCHITECTS: ANKIT SHARMA ARCHITECTS • INTERIORS • & CONSTRUCTION B-1 C-10 VEDHA APARTMENT, BANI PARK, JAIPUR Phone: 9211-48889, Mobile: 99610-08888 email: ansh_andsh@yahoo.co.in STRUCTURAL CONSULTANT: Frame Consultants STRUCTURAL PLANNER & DESIGNER D-55 Gadhara Marg, Nirman Nagar, Jaipur Email:- frameconsultantsjaipur@gmail.com Mob:- 99285110016, 99241190011



MARK	DETAIL	TYPE
R-1	2-L#8@4"C	
R-2	2-L#8@4"C	
R-3	2-L#8@4"C	
R-4	4-L#8@4"C	
R-5	4-L#8@4"C	
R-6	4-L#8@4"C	
R-7	2-L#10@4"C	
R-8	2-L#10@4"C	
R-9	2-L#10@4"C	
R-10	4-L#10@4"C	
R-11	4-L#10@4"C	
R-12	4-L#10@4"C	



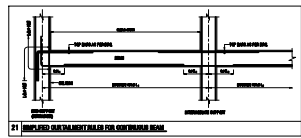
NOTES

1. FOR BEAMS TERMINATING ON COLUMN, TOP EXTRA BARS SHALL BE PROVIDED BEFORE LOWERING DOWN THE BEAM
2. MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9" & 4 FOR 12" WIDE BEAM
3. THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"

CONC. GRADE:- M-25 (MIX DESIGN 1:1:2)
STEEL GRADE:- Fe-500 D

SHREE TIRUPATI INFRA TECH
 PARTNER

FRAME CONSULTANTS
 E. LOKESH WADHWA
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4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN. OTHER WALLS SHALL BE STUDIED 1/2" BELOW NORTH OF BEAM/SLAB AND GAP FILLED WITH LEAD CHALK. MARKED UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS:

1. MAIN YIELD STRENGTH DEFORMED BARS MARKED AS 8 WITH CHARACTERISTIC STRENGTH 660 MPa CONFORMING TO IS 1786-1986, SHALL BE USED.
2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
4. LAP LENGTH FOR MAIN YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW: WHERE B IS DIA. OF BARS.

CONC. GRADE	LAP
M-25	48D

5. TIES ON DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8@100 C/C UNLESS OTHERWISE SPECIFIED.

6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWING:

8#16
 DIA OF BARS IN mm.
 1) #16 @ 100 C/C SPACING OF BARS IN mm.

CONCRETE DETAILS:

1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGREGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.
2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.
3. CLEAN COVER OF CONCRETE IN RECHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:-

PARTICULAR	BOTTOM	TOP	SIDE
FOOTING	50mm	50mm	50mm
COLUMN & WALLS	50mm	50mm	50mm
RETAINING WALL	50mm	50mm	50mm
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	25mm	25mm	25mm
WATER TANK (WALL & SLAB)	25mm	25mm	25mm

CONCRETE DETAILS:

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED:
 * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.
 * SLAB (FORM LEFT UNDER) - 3 DAYS.
 * BEAM (FORM LEFT UNDER) - 7 DAYS.
 * REMOVAL OF FORMS UNDER SLAB - 7 DAYS.
 * SPAN UP TO 6.0 METERS - 14 DAYS.
 * SPAN OVER TO 6.0 METERS - 21 DAYS.
2. SPANNER BEES:- SHALL BE 20MM DIA MAX. 4-12000 INTERVALS

SYMBOLS:

- * BOTTOM BARS IN PLAN SHOWN THRU.
- * TOP BARS IN PLAN SHOWN THRU.

ABBREVIATIONS:

- * I.T.S. = NOT TO SCALE
- * R.F. = REINFORCEMENT
- * B.W. = BOTH WAY
- * T/S = TOP & BOTTOM

DESIGN DATA:

GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-500 D
SLAB DIMENSION	8' x 4'
SLAB CONSIDERED	15' x 12'

REVISION NO. DATE REMARK

PROJECT: PRESTIGE PALMS
 PROPOSED BUILDING OF PLOT NO. D-82-A,
 SHEEYA MARG BANI PARK, JAIPUR

DRAWING TITLE: TYPICAL FLOOR (ROOF) LVL. BEAM DETAIL

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 CHECKED BY: ER. RAJESH KUMAWAT
 SCALE: N.T.S.
 DRAWING NO. S-09
 REVISION NO. R-00
 DATE: 06-12-2023