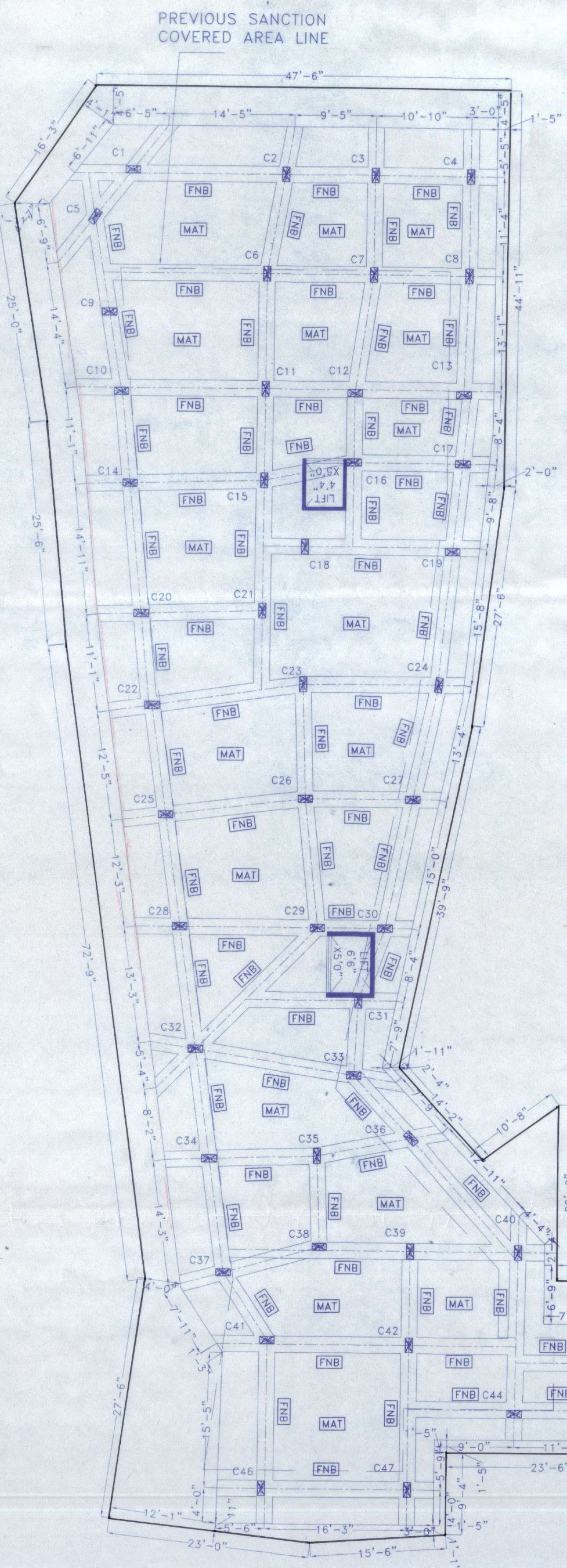


COLUMN SCHEDULE

COL. MARK	COLUMN SHAPE & SIZE	FOUNDATION LEVEL TO FLOOR LEVEL REINFORCEMENT	COLUMN SHAPE & SIZE	THIRD FLOOR LEVEL TO CURTLEMENT REINFORCEMENT
C4, C8, C16, C24, C28, C31, C33, C34, C35, C37, C38, 40, 41, 44, 48	16" x 16" (S)	A-4#20 B-4#16 C-2#20	16" x 16" (S)	A-4#20 B-4#16 C-2#16
C1, C3, C5, C7, C9, C10, C11, C13, C17, C18, C19, C21, C22, C25, C26, C27, C30, C34, C35, C39, C47	16" x 16" (S)	A-4#20 B-4#16 C-2#20	16" x 16" (S)	A-4#20 B-4#16 C-2#16
C2, C6, C11, C14, C15, C20, C23, C28, C32, C42, C43, C45	16" x 16" (S)	A-4#20 B-4#16 C-2#20	16" x 16" (S)	A-4#20 B-4#16 C-2#16

SCHEDULE OF FOOTING

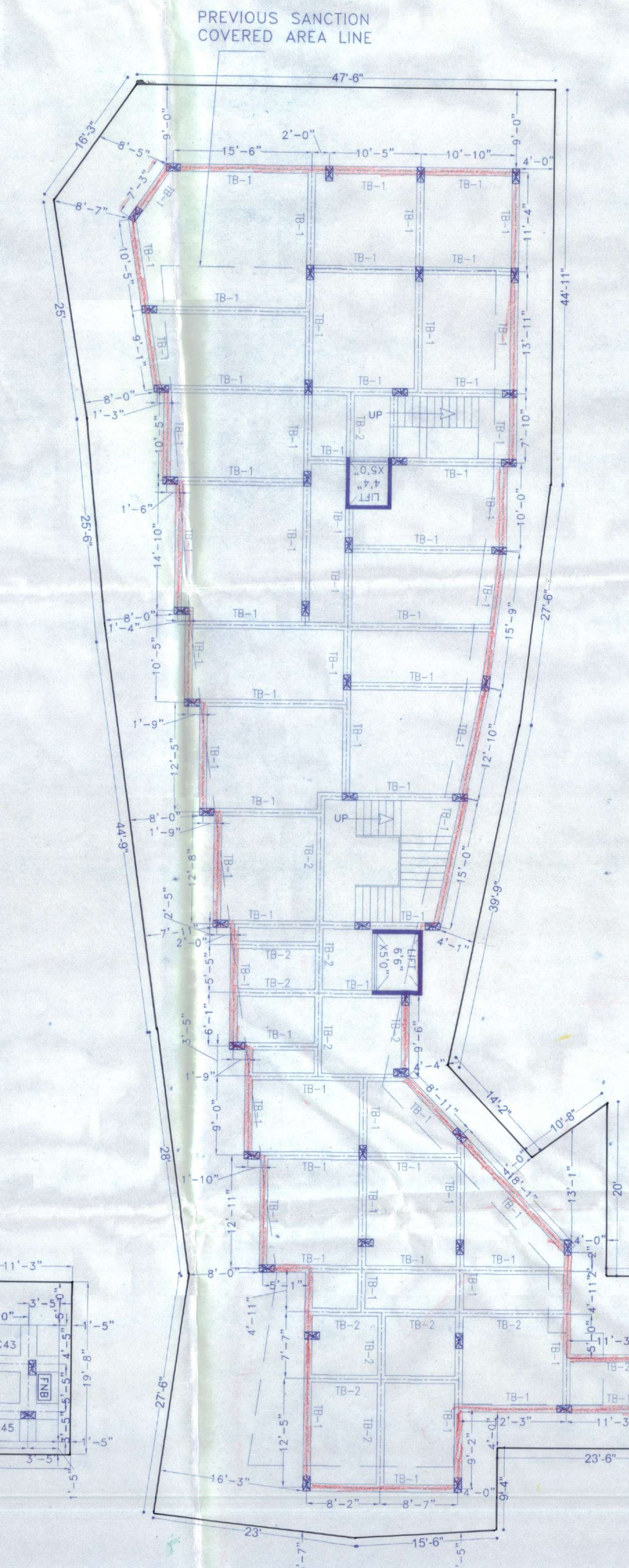
MKD.	SIZE	THICKNESS	REINFORCEMENT (BOT.)	REINFORCEMENT (TOP)
MAT	SHOWN IN LAY OUT	500	16# @ 5"/C 16# @ 5"/C	16# @ 5"/C 16# @ 5"/C



COLUMN & FOUNDATION LAY OUT PLAN
SCALE-1:96

SCHEDULE OF FLOOR BEAMS

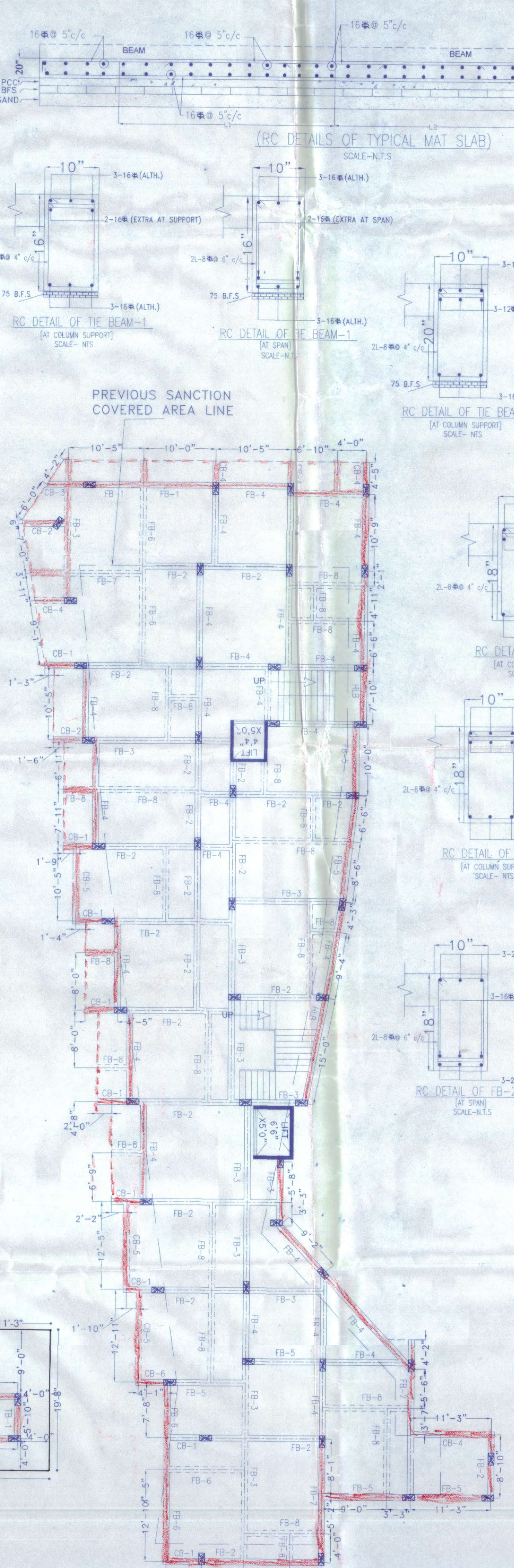
BEAM MKD.	BEAM TYPE	BEAM SIZE	REINFORCEMENTS				STIRRUPS		REMARKS
			SUPPORT	EXTRA TOP	BOTTOM	EXTRA BOTTOM	SUPPORT	SPAN	
FB-1	II	10" x 16"	3-25	2-20	3-25	3-16	2L-8# @ 4"/C	2L-8# @ 6"/C	FLOOR BEAM
FB-2	II	10" x 16"	3-20	3-20	3-20	3-16	2L-8# @ 4"/C	2L-8# @ 6"/C	FLOOR BEAM
FB-3	II	10" x 16"	3-20	2-16	3-16	2-16	2L-8# @ 4"/C	2L-8# @ 6"/C	FLOOR BEAM
FB-4	II	10" x 16"	3-16	3-16	3-16	2-16	2L-8# @ 4"/C	2L-8# @ 6"/C	FLOOR BEAM
FB-5	II	10" x 16"	3-16	3-20	3-20	2-16	2L-8# @ 4"/C	2L-8# @ 6"/C	FLOOR BEAM
FB-6	II	10" x 14"	3-16	2-16	3-16	2-12	2L-8# @ 4"/C	2L-8# @ 6"/C	FLOOR BEAM
FB-7	II	10" x 14"	3-20	2-16	3-16	2-16	2L-8# @ 4"/C	2L-8# @ 6"/C	FLOOR BEAM
FB-8	II	10" x 14"	3-16	3-12	3-16	2-12	2L-8# @ 4"/C	2L-8# @ 6"/C	FLOOR BEAM
CB-1	II	10" x 16"	3-20	3-20	3-20	-	2L-8# @ 4"/C	2L-8# @ 6"/C	CANTILEVER BEAM
CB-2	II	10" x 16"	3-20	3-20	3-20	-	2L-8# @ 4"/C	2L-8# @ 6"/C	CANTILEVER BEAM
CB-3	II	10" x 16"	3-25	2-20	3-25	-	2L-8# @ 4"/C	2L-8# @ 6"/C	CANTILEVER BEAM
CB-4	II	10" x 16"	3-16	3-12	3-16	-	2L-8# @ 4"/C	2L-8# @ 6"/C	CANTILEVER BEAM
CB-5	II	10" x 14"	3-16	3-12	3-16	-	2L-8# @ 4"/C	2L-8# @ 6"/C	CANTILEVER BEAM
CB-6	II	10" x 16"	3-16	3-20	3-20	-	2L-8# @ 4"/C	2L-8# @ 6"/C	CANTILEVER BEAM
HLB	II	10" x 16"	3-16	3-20	3-20	2-16	2L-8# @ 4"/C	2L-8# @ 6"/C	HALF LANDING BEAM
MB	II	10" x 14"	3-16	2-12	3-16	2-12	2L-8# @ 4"/C	2L-8# @ 6"/C	MEATYHOOP BEAM



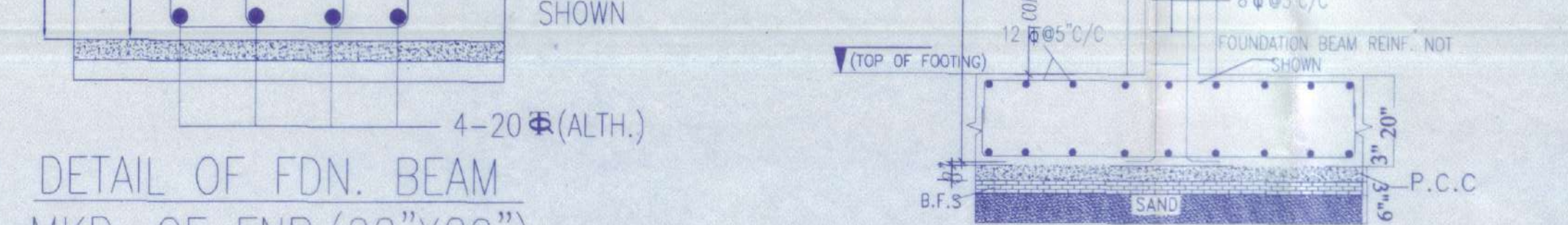
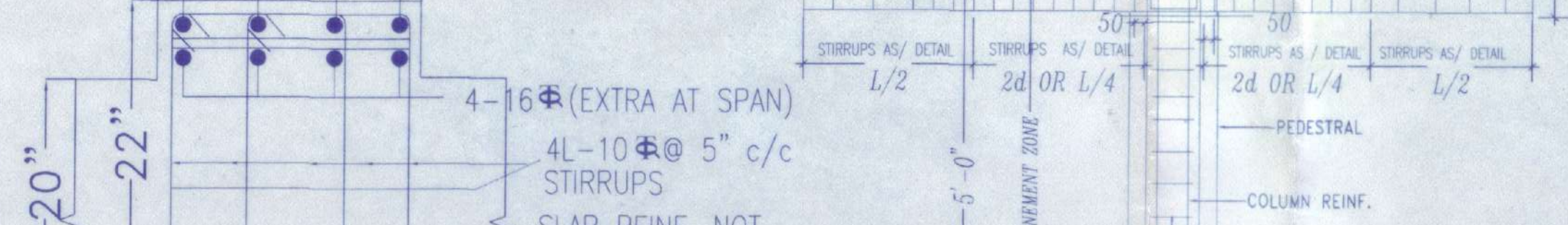
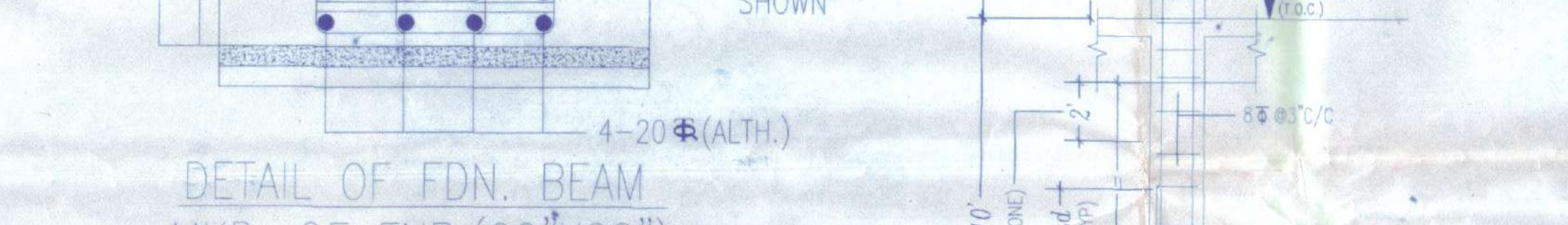
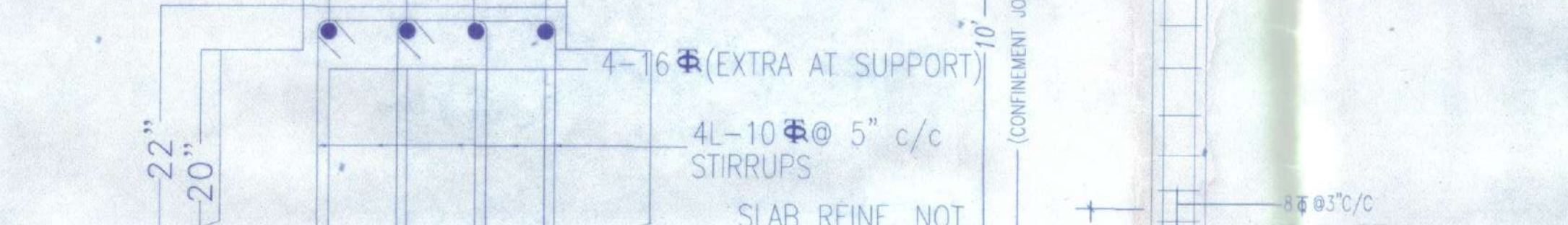
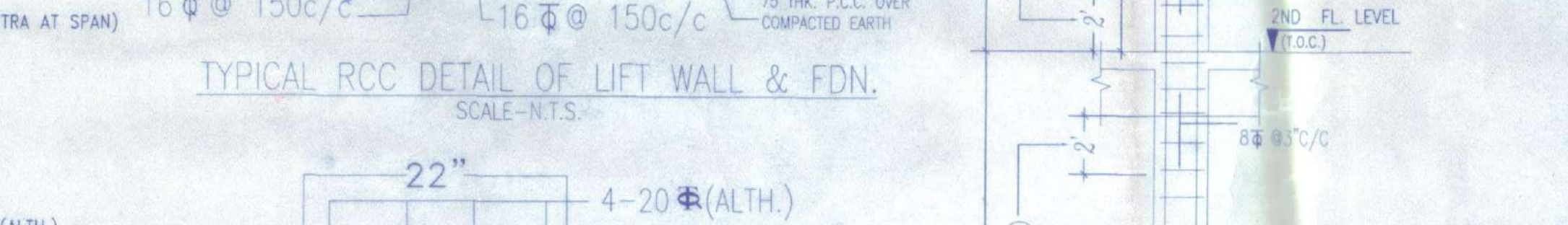
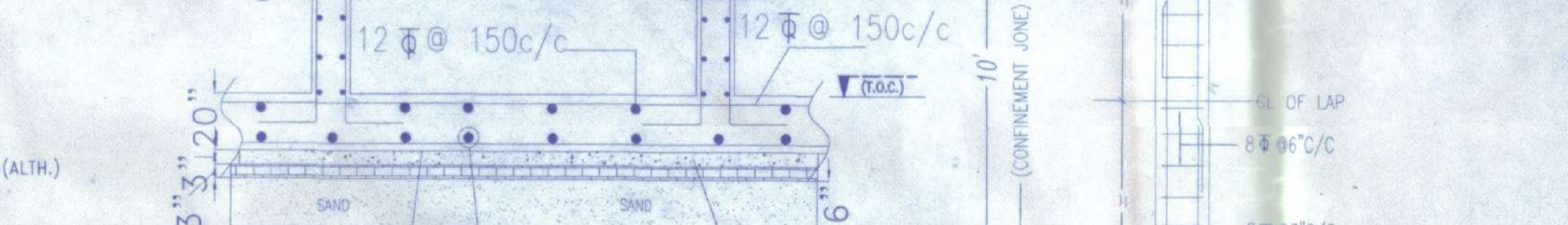
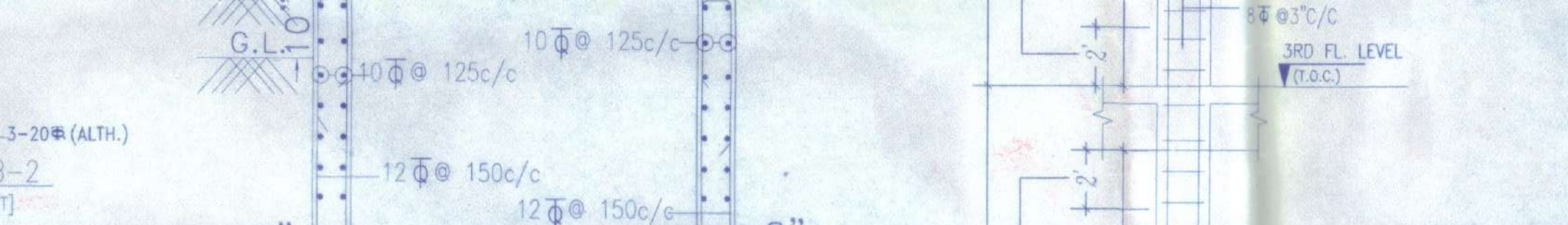
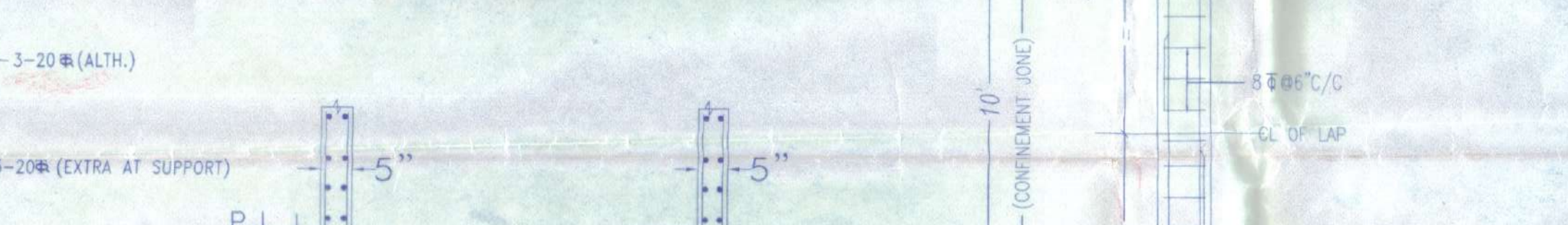
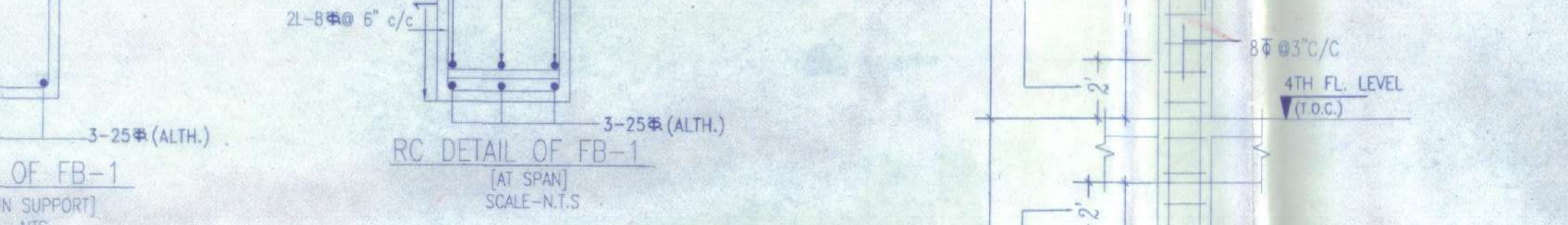
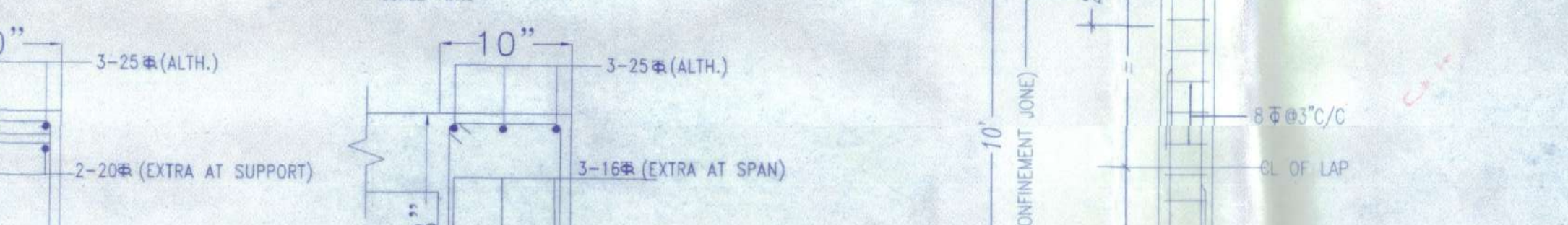
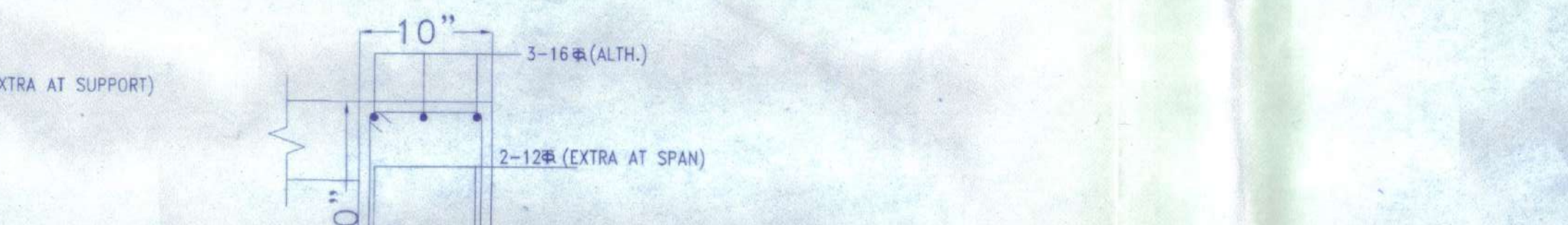
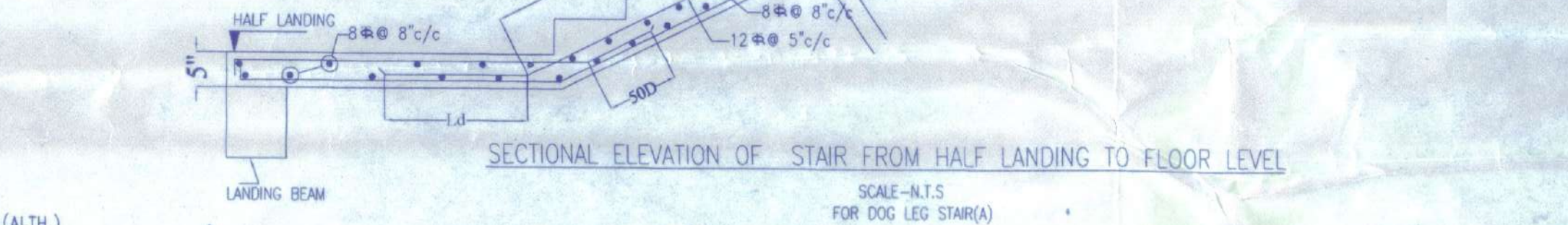
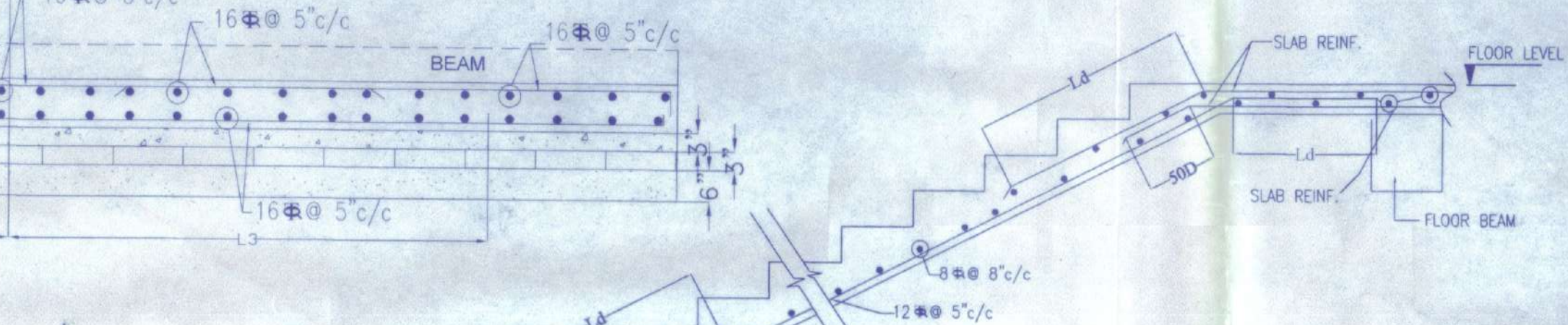
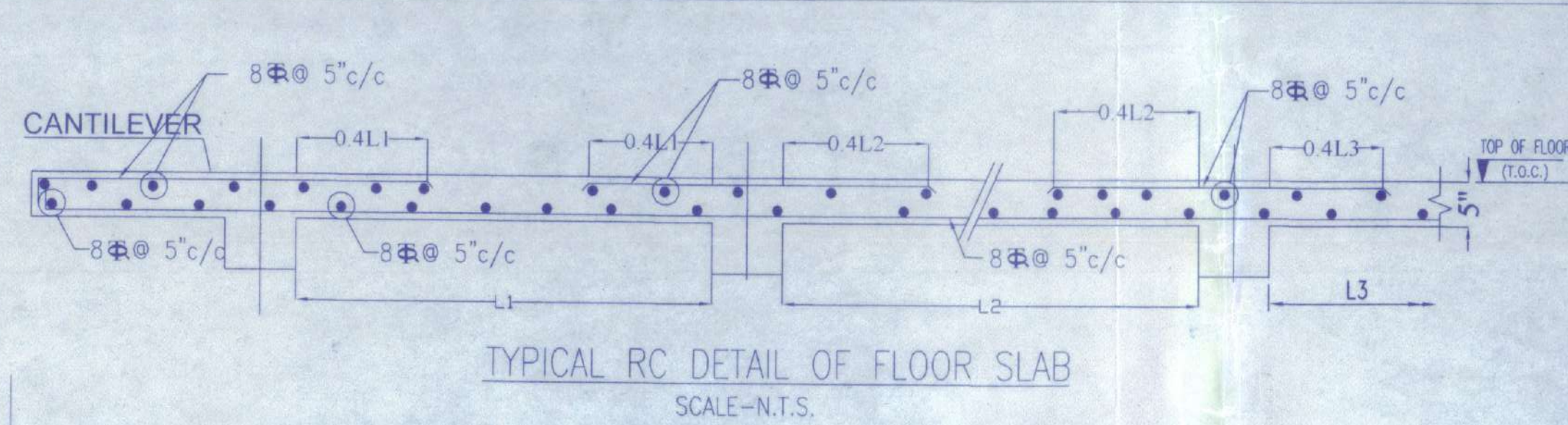
TIE BEAM LAY OUT PLAN
SCALE-1:96

SCHEDULE OF TIE BEAMS

BEAM MKD.	BEAM TYPE	BEAM SIZE	REINFORCEMENTS				STIRRUPS		REMARKS
			SUPPORT	EXTRA TOP	BOTTOM	EXTRA BOTTOM	SUPPORT	SPAN	
TB-1	II	10" x 16"	3-16	2-16	3-16	2-16	2L-8# @ 4"/C	2L-8# @ 6"/C	TIE BEAM
TB-2	II	10" x 20"	3-16	3-12	3-16	2-12	2L-8# @ 4"/C	2L-8# @ 6"/C	TIE BEAM



FLOOR BEAM LAY OUT PLAN
SCALE-1:96



TYPICAL COLUMN ELEVATION
SCALE-N.T.S.

NOTE:-

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS AND CONDITIONS, SPECIFICATIONS AND SCHEDULE OF ITEMS.
- ALL DIMENSIONS ARE IN METRE & LEVEL ARE IN METRE UNLESS NOTED OTHERWISE.
- ALL REINFORCING STEEL SHALL BE HIGH YIELD STRENGTH DEFORMED BARS MARKED CONFORMING TO IS 1786 (Fe-500).
- GRADE OF CONCRETE SHALL BE M25.
- ALL HOOPS, BENDS AND LAPS IN REINFORCEMENT SHALL CONFORM TO IS:2502 (LATEST REVISION) UNLESS NOTED OTHERWISE.
- PLAIN CEMENT CONCRETE (PCC) UNDER FOUNDATION SHALL BE OF GRADE M10 UNLESS NOTED OTHERWISE.
- REINFORCEMENT SHALL SUTABLY BE ADJUSTED AT SITE IF REQUIRED TO MAKE CLEAR SPACE FOR POCKETS, ANCHOR BOLTS ETC.
- MINIMUM LAP LENGTH SHALL BE SODIA OF BAR UNLESS NOTED OTHERWISE. LAPS SHALL BE STAGGERED AS FAR AS POSSIBLE. MINIMUM DISTANCE BETWEEN TWO STAGGERED LAP SHALL BE 0.30X(DIA OF BAR) NOT MORE THAN 500. THE BAR CAN BE LAPPED AT A SINGLE LOCATION. STIRRUPS SPACING SHALL BE 150"/C AT A LOCATION WHERE LONGITUDINAL BARS ARE LAPPED.
- SOIL USED FOR BACKFILLING TO BE FREE FROM BLACK COTTON SOIL, ROOTS, VEGETATION ETC.
- FORM TO REST ON VIBRAN SOIL. IF EXCESS EXCAVATION IS OBSERVED/ENGINEERED AT SITE, THE SAME TO BE FILLED UP BY PCC TO THE DESIRED LEVEL.
- THE FOUNDATION HAVE BEEN DESIGNED CONSIDERING 'HARD' AS PER GEOTECHNICAL INVESTIGATION REPORT.
- WHERE A SECONDARY OR TERTIARY BEAM IS RESTING ON ANOTHER BEAM, EXTRA 2nos SETS OF STIP. OF 13 DIA. BAR TO BE PROVIDED ON EACH SIDE.
- NOMINAL COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS STATED OTHERWISE --

SUBSTRUCTURE WORKS	BOTTOM	SIDES	TOP
COLUMNS, THE BEAM	40	40	40
FOUNDATIONS	50	50	50
SUPERSTRUCTURE WORKS			
COLUMNS	40	40	40
BEAMS	25	30	30
SLABS (FLOOR)	20	20	20
LINTEL, CHAMFER, BANDS etc.	20	20	20

THIS DRAWING SHALL BE READ ALONG WITH RELEVANT ARCHITECTURAL & STRUCTURAL DRAWINGS. WHEREVER BRICK WALL ON FLOOR SLAB IS NOT ABOVE BEAM, EXTRA 2 NOS OF 12# BARS SHALL BE PROVIDED IN SLAB BEAM DEPTH WHEREEVER BEAM DEPTH IS GREATER THAN 750 MM. 2 NOS 16 MM # BAR IS TO BE PROVIDED EACH SIDE OF BEAM.

PROJECT NAME -
REVISED STRUCTURAL PLAN OF GROUND, FIRST, SECOND, THIRD, FOURTH FLOOR RESIDENTIAL (FLAT) CUM COMMERCIAL BUILDING AT B.L. CHATTERJEE ROAD, & CINEMA HOUSE LANE, HOLDING NO-51/7,63/B, WARD NO- 19, UNDER KRISHNANAGAR MUNICIPALITY, P.S - KOTWALI, KRISHNANAGAR, DIST -NADIA.

PROJECT ADDRESS
J.I. NO-92, MOUZA - KRISHNANAGAR
PLOT NO-R.S -3323,3327 L.R - 5071, 5081, KHATIAN NO -R.S-2798,7715 L.R-9496,6947,C.S-2105.
[AS PER DEED], KHATIAN NO- 34122,57341,57340,57339 [AS PER PORCHA]

LAND DETAILS
LAND OF AREA - (19.88 SATAK AS PER PORCHA), (19.96 SATAK AS PER DEED), (17.96 SATAK AS PER MEASUREMENT)

NOTES -

- REVISED GROUND FLOOR EXTENSION COVERED AREA-1780.37 SQ.FT
- REVISED FIRST FLOOR EXTENSION COVERED AREA - 1780.37 SQ.FT
- REVISED SECOND FLOOR EXTENSION COVERED AREA - 1780.37 SQ.FT
- REVISED THIRD FLOOR EXTENSION COVERED AREA-1780.37 SQ.FT
- REVISED FOURTH FLOOR EXTENSION COVERED AREA-1780.37 SQ.FT

PREVIOUS SANCTION PLAN DATE - 10/7/2023
AIN NO -[SWS-OBPAS/2066/2023/0538]

AREA STATEMENT	PREVIOUS SANCTION COVER AREA(SQFT)	REVISED EXTENSION COVER AREA(SQFT)	PREVIOUS SANCTION REVISED COVER AREA(SQFT)	PARKING (SQFT)
GROUND FLOOR	3838.97	1780.37	5619.34	1958.84
FIRST FLOOR	3838.97	1780.37	5619.34	GROUND FLOOR PLINTH AREA-6813.08 SQ.FT.
SECOND FLOOR	3838.97	1780.37	5619.34	
THIRD FLOOR	3838.97	1780.37	5619.34	
FOURTH FLOOR	3838.97	1780.37	5619.34	PARKING = 1958.84 SQ.FT. 840.05 % OF GR.FL. PLINTH AREA.
TOTAL AREA	19194.85	8901.85	28096.70	

TOTAL REVISED EXTENSION COVERED AREA = 8901.85 SQ.FT.

NAME & SIGNATURE OF THE OWNERS :-

- SMT. SNIJDHA DAS W/O- LT. NIRMAL KR. DAS.
Snijdha Das
- SRI SOBERS DAS S/O- LT. NIRMAL KR. DAS.
Sober Das
- SMT. RIU ROY DAS D/O- LT. NIRMAL KR. DAS.
Riu Roy Das
- SAHANI BIBI W/O- BABLU SEKH.
Sahani Bibi

I CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN TIME THAT THE SITE CONDITION CONFORM WITH THE PLAN AND IT IS BUILDABLE SITE AND NOT TANK OR FILLED TANK.
L.B.S SIGNATURE - *[Signature]*

STRUCTURAL ENGINEER'S SIGNATURE -
[Signature]

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME, CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BLDG. CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

STRUCTURAL ENGINEER'S SIGNATURE -
[Signature]

MULTIPLYING ENGINEER'S SIGNATURE -
REG. NO-03/2018-2019/04
REG. CLASS-1
REG. NO-01/2023-2024/04
REG. CLASS-1
REG. NO-01/2023-2024/04
REG. CLASS-1
REG. NO-01/2023-2024/04
REG. CLASS-1

STRUCTURAL SHEET
SHEET SIZE-A0

CONSULTANTS:-
[Logo]