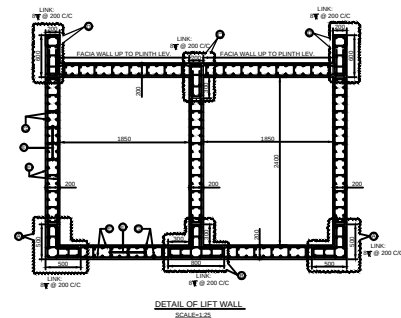
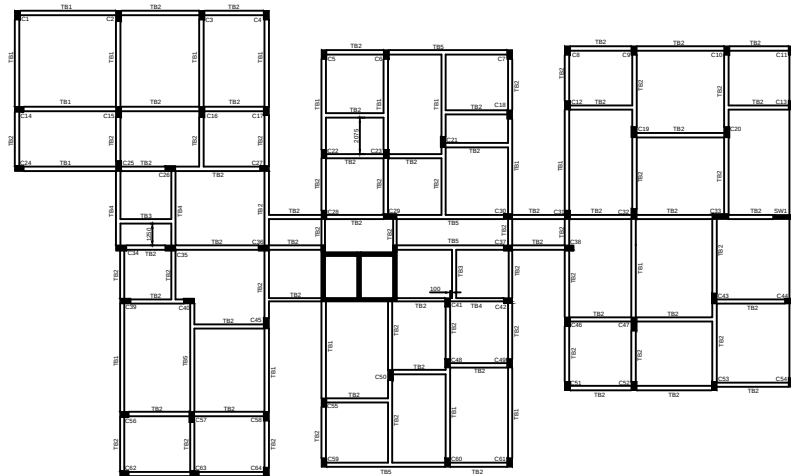
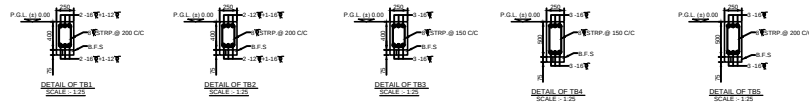
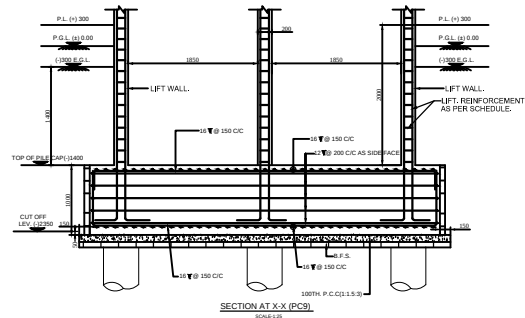


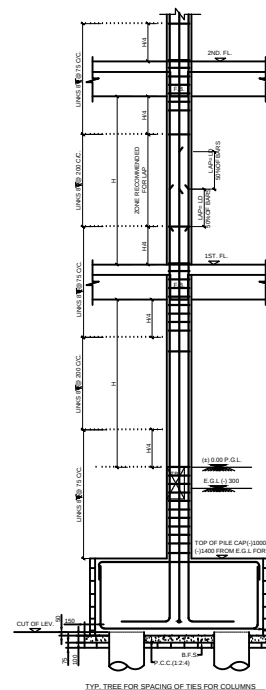
300 575 300
6-12 6-12 6-12
DETAIL OF SHEAR WALL 200
STEEL ROOF TO ROOF
GRADE OF CONCRETE M-20
LINK @ 200 C/C
DETAIL OF SHEAR WALL 200
STEEL ROOF TO RAFTER ROOF
GRADE OF CONCRETE M-20
LINK @ 200 C/C
DETAIL OF SHEAR WALL 200
STEEL ROOF TO 1ST FL
FOUNDATION LEVEL TO 1ST FL



REINFORCEMENT OF LIFT WALL.									
GRADE OF CONC.		A	B	C	D	E	F		
3-20	4TH FL. ROOF TO 5TH FL. ROOF	8-12#4+12#10	10-12#6+12#10	4-12#4+12#10	4-12#6+12#10	10#10 @ 200 CC B/F.	4#4 LINKS @ 200 CC.	12#10	
3-20	5TH FL. ROOF TO 6TH FL. ROOF	8-12#4+12#10	10-12#6+12#10	4-12#4+12#10	4-12#6+12#10	10#10 @ 200 CC B/F.	4#4 LINKS @ 200 CC.	12#10	
3-20	6TH FL. ROOF TO 7TH FL. ROOF	8-12#4+12#10	10-12#6+12#10	4-12#4+12#10	4-12#6+12#10	10#10 @ 200 CC B/F.	4#4 LINKS @ 200 CC.	12#10	



TIE-BEAM LAYOUT PLAN AT (±) 0.00 P.G.L LEVEL.



- *) ALL DIMENSIONS & DIMETERS ARE IN MILLIMETER
- 2) GRADE OF CONCRETE: ALL DEGREE MIX
- *) PILE: WITH MINIMUM CEMENT CONTENT
 - o 400 KG/M3 OF CONC.
 - o PILE CAP - 100G.
- *) COLLAR WITH 10% AS PER SCHEDULE.
- *) REIN. SHALL AS PER REINFORCEMENT FLOOR CONCRETE GRADE OF CONCRETE
- *) PILE SHALL BE 100 AS PER EN 486.
- *) ALL REINFORCEMENT SHALL BE 486.
- 3) FOR STEEL REINFORCEMENT SHALL CONFORM TO LATEST BS: 1786 CODE
- *) ALL REINFORCEMENT SHALL BE 486.
- 4) CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:-
 - o PILE CAP: 40 MM ALL SIDES FROM OUTERMOST MAIN BAR.
 - o PILE CAP: 50 MM ALL SIDES FROM OUTERMOST MAIN BAR.
 - o COLLAR: 40 MM ALL SIDES FROM OUTERMOST MAIN BAR.
 - o COLLAR: 40 MM ALL SIDES FROM OUTERMOST MAIN BAR.
 - o THE BEAM: 50 MM ALL SIDES FROM OUTERMOST MAIN BAR.
 - o FLOOR SLAB: 20 MM ALL SIDES FROM OUTERMOST MAIN BAR.
 - o SLAB: 20 MM ALL SIDES FROM OUTERMOST MAIN BAR.
 - o THE BEAM: 50 MM ALL SIDES FROM OUTERMOST MAIN BAR.
- 5) MINIMUM LAP LENGTH:-
 - o FOR PILE: 40 WITH 3 SETS LAP REINFORCEMENT IN BOTH SIDES FOR A LENGTH OF 20% OF PILE BEING
 - o LAP OF BARS TO BE 40 WITH 3 SETS LAP OF 50% OF DIA OF BAR.

Type of Steel	Value of k for concrete mixes				
	M20	M25	M30	M35	M40
Fe 500	57	49	45	40	35

[illegible]

I/WE CONFIRM THAT THE ERECTION OF BUILDING TO BE UNDERTAKEN SHALL BE STRICTLY IN ACCORDANCE WITH THE WEST BENGAL BUILDING REGULATIONS, 1957 AND THE BUILDING REGULATIONS, 1961.



RE: MEMORIAL SERVICE AT
**A - 88, R.S. 88-
BANKRUPTCY**
1. BANKRUPTCY RULES 2017. I ALSO
DO THE FIRE PROTECTION AS
2. INFORMATION IS PROVIDED BY
RECORDS, IN THE ACT THAT

CERTIFICATE OF GEO-TECHNICAL ENGINEER

IT IS HEREBY CERTIFIED THAT THE STRUCTURAL DRAWINGS ARE PREPARED FOR EARTHQUAKE RESISTANCE IN ACCORDANCE WITH THE WEST BENGAL MUNICIPALITY BUILDING RULES 2007 & AMENDMENT 2010

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFIED THAT, "THE STRUCTURAL DRAWINGS & DESIGN OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING / BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT, AS PER THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARDS AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE, SOUND, ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.



ARCHITECT:

RAJ AGRAWAL & ASSOCIATES
ARCHITECTS, PLANNERS AND INTERIOR DESIGNERS.
8B, ROYD STREET (2ND FLOOR), KOLKATA-16.

000000

PROPOSED 6-7TH FLOORED RESIDENTIAL BUILDING AT E.S. & L.S. DAG HOB.-
1801.1802.1803.1804.1805.1806.1807.1808.1809.1810.1811.1812.1813.1814.1815.1816.1817.1818.1819.1820.1821.1822.1823.1824.1825.1826.1827.1828.1829.1830.1831.1832.1833.1834.1835.1836.1837.1838.1839.1840.1841.1842.1843.1844.1845.1846.1847.1848.1849.1850.1851.1852.1853.1854.1855.1856.1857.1858.1859.1860.1861.1862.1863.1864.1865.1866.1867.1868.1869.1870.1871.1872.1873.1874.1875.1876.1877.1878.1879.1880.1881.1882.1883.1884.1885.1886.1887.1888.1889.1890.1891.1892.1893.1894.1895.1896.1897.1898.1899.1900.1901.1902.1903.1904.1905.1906.1907.1908.1909.1910.1911.1912.1913.1914.1915.1916.1917.1918.1919.1920.1921.1922.1923.1924.1925.1926.1927.1928.1929.1930.1931.1932.1933.1934.1935.1936.1937.1938.1939.1940.1941.1942.1943.1944.1945.1946.1947.1948.1949.1950.1951.1952.1953.1954.1955.1956.1957.1958.1959.1960.1961.1962.1963.1964.1965.1966.1967.1968.1969.1970.1971.1972.1973.1974.1975.1976.1977.1978.1979.1980.1981.1982.1983.1984.1985.1986.1987.1988.1989.1990.1991.1992.1993.1994.1995.1996.1997.1998.1999.2000.2001.2002.2003.2004.2005.2006.2007.2008.2009.2010.2011.2012.2013.2014.2015.2016.2017.2018.2019.2020.2021.2022.2023.2024.2025.2026.2027.2028.2029.2030.2031.2032.2033.2034.2035.2036.2037.2038.2039.2040.2041.2042.2043.2044.2045.2046.2047.2048.2049.2050.2051.2052.2053.2054.2055.2056.2057.2058.2059.2060.2061.2062.2063.2064.2065.2066.2067.2068.2069.2070.2071.2072.2073.2074.2075.2076.2077.2078.2079.2080.2081.2082.2083.2084.2085.2086.2087.2088.2089.2090.2091.2092.2093.2094.2095.2096.2097.2098.2099.2100.2101.2102.2103.2104.2105.2106.2107.2108.2109.2110.2111.2112.2113.2114.2115.2116.2117.2118.2119.2120.2121.2122.2123.2124.2125.2126.2127.2128.2129.2130.2131.2132.2133.2134.2135.2136.2137.2138.2139.2140.2141.2142.2143.2144.2145.2146.2147.2148.2149.2150.2151.2152.2153.2154.2155.2156.2157.2158.2159.2160.2161.2162.2163.2164.2165.2166.2167.2168.2169.2170.2171.2172.2173.2174.2175.2176.2177.2178.2179.2180.2181.2182.2183.2184.2185.2186.2187.2188.2189.2190.2191.2192.2193.2194.2195.2196.2197.2198.2199.2200.2201.2202.2203.2204.2205.2206.2207.2208.2209.2210.2211.2212.2213.2214.2215.2216.2217.2218.2219.2220.2221.2222.2223.2224.2225.2226.2227.2228.2229.2230.2231.2232.2233.2234.2235.2236.2237.2238.2239.2240.2241.2242.2243.2244.2245.2246.2247.2248.2249.2250.2251.2252.2253.2254.2255.2256.2257.2258.2259.2260.2261.2262.2263.2264.2265.2266.2267.2268.2269.2270.2271.2272.2273.2274.2275.2276.2277.2278.2279.2280.2281.2282.2283.2284.2285.2286.2287.2288.2289.2290.2291.2292.2293.2294.2295.2296.2297.2298.2299.2300.2301.2302.2303.2304.2305.2306.2307.2308.2309.2310.2311.2312.2313.2314.2315.2316.2317.2318.2319.2320.2321.2322.2323.2324.2325.2326.2327.2328.2329.2330.2331.2332.2333.2334.2335.2336.2337.2338.2339.2340.2341.2342.2343.2344.2345.2346.2347.2348.2349.2350.2351.2352.2353.2354.2355.2356.2357.2358.2359.2360.2361.2362.2363.2364.2365.2366.2367.2368.2369.2370.2371.2372.2373.2374.2375.2376.2377.2378.2379.2380.2381.2382.2383.2384.2385.2386.2387.2388.2389.2390.2391.2392.2393.2394.2395.2396.2397.2398.2399.2400.2401.2402.2403.2404.2405.2406.2407.2408.2409.2410.2411.2412.2413.2414.2415.2416.2417.2418.2419.2420.2421.2422.2423.2424.2425.2426.2427.2428.2429.2430.2431.2432.2433.2434.2435.2436.2437.2438.2439.2440.2441.2442.2443.2444.2445.2446.2447.2448.2449.2450.2451.2452.2453.2454.2455.2456.2457.2458.2459.2460.2461.2462.2463.2464.2465.2466.2467.2468.2469.2470.2471.2472.2473.2474.2475.2476.2477.2478.2479.2480.2481.2482.2483.2484.2485.2486.2487.2488.2489.2490.2491.2492.2493.2494.2495.2496.2497.2498.2499.2500.2501.2502.2503.2504.2505.2506.2507.2508.2509.2510.2511.2512.2513.2514.2515.2516.2517.2518.2519.2520.2521.2522.2523.2524.2525.2526.2527.2528.2529.2530.2531.2532.2533.2534.2535.2536.2537.2538.2539.2540.2541.2542.2543.2544.2545.2546.2547.2548.2549.2550.2551.2552.2553.2554.2555.2556.2557.2558.2559.2560.2561.2562.2563.2564.2565.2566.2567.2568.2569.2570.2571.2572.2573.2574.2575.2576.2577.2578.2579.2580.2581.2582.2583.2584.2585.2586.2587.2588.2589.2590.2591.2592.2593.2594.2595.2596.2597.2598.2599.2600.2601.2602.2603.2604.2605.2606.2607.2608.2609.2610.2611.2612.2

TITLE : SANCTION DRA

JOB NO. : 08/2024-2

DRG. NO. : EF/SA/02

DRAWN BY : KATI

SCALE : 1:100,1:25