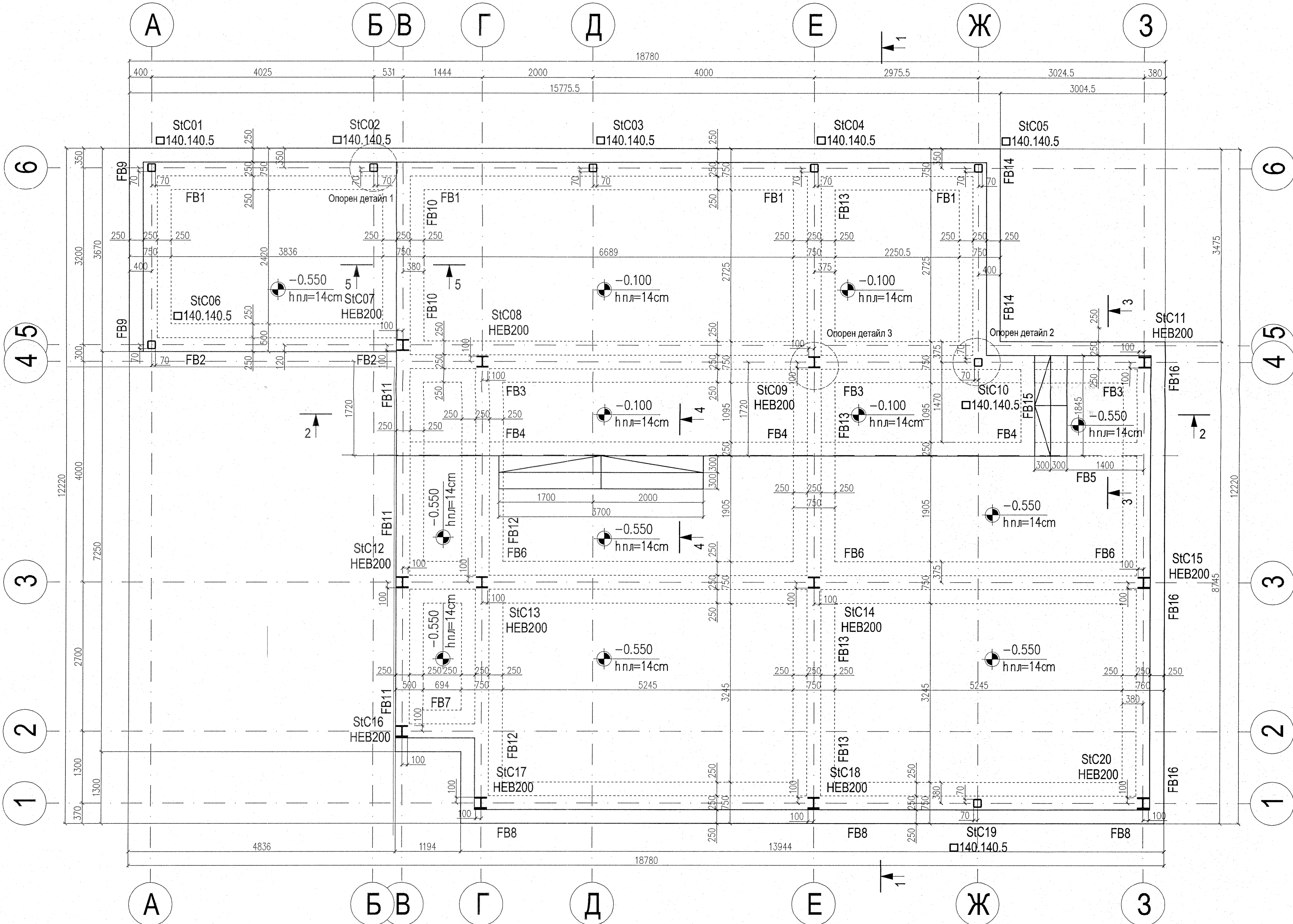





ПЛАН НАСТИЛКА И ФУНДАМЕНТИ FOUNDATION PLAN AND CONCRETE FLOORING



NOTES FOR STEEL WORKS:

1. Producing, transporting, mounting and accepting the construction works is according to PIP-SMTR, part Steel Structures and part Precast Concrete Structures.
2. Each load bearing unit is to be produced by steel $\bar{A}0325$ according to BDS 2592 (St 37 2 EN 17100).
3. Satisfiable welding method: European class E46.
4. Welding joints signed according to class E46:
 - Edge welded joints: \bar{a}_w number means calculated thickness of the circular circle means that the joint is circular
 - Butt welded joints: \parallel / V Symbols mean edges without chamfer, one or two sided chamfer.
5. All details of welding elements must be according BDS and EC.
6. Final material of every opening to be drilled.
6. Bolts class 10.9 and appropriate nuts and disks - according to DIN 9134 (St 8.8, St 8.8 S16) and galvanized.
7. Butt plate of every element must be totally welded.
8. Every edge - welded joint, not signed should be welded with calculated thickness.
9. Every steel unit to be cleaned out of rust and finished with hot galvanization

ЗАБЕЛЕЖИВА ЗА СТОМАНИНИ РАБОТИ:

- Производството, транспортът, монтажът и приемането на строителните работи трябва да се правят съгласно техническите спецификации на CEN EN 12552 (EN 12552-1 и EN 12552-2).
- Заваръчните материали да са достъпни за заваряване на използваната стомана. Експертите да са на място в съответствие с EN 12552 (EN 12552-1 и EN 12552-2).
- Ознавяването на заваръчните шевове (европейски стандарти):
 - Ъглови шевове:  цифрата означава изчислителна дебелина на катета, а кръгчето шевов е  използвана ополитерност.
 - Чупави шевове:  цифрата означава дебелина ръбове без свалена фаска, а едноцифрени и двуцифрени свалена фаска.
- Да се спазват всички технически изчисления и детайли по ЕДЗ за заваряване и отделните позиции съгласно дебелините на елементите.
- Крайните детайли на стоманата да се изработват в съответствие с EN 1090-2.
- Болтове - клас 10.9 и съответните гайки, а шайби по DIN EN 1915, 1916, 1919, 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

NOTES FOR CONCRETE WORKS:

1. Concrete
 - 1.1. Lean concrete: B10
 - 1.2. Concrete for casted elements: B25
2. Steel
 - 2.1. Reinforcing steel: A(\emptyset) and S500(N)
3. Concrete encasement - 3,5cm
4. In order to minimize the shrinkage when the concrete mixture is prepared plastifire W/C<0.48 should be used
5. The hooks of stirrups should be anchored to the body of column at an angle of 135 degrees. This rule is obligatory.

ЗАБЕЛЕЖКИ ЗА БЕТОННИ РАБОТИ :

1. Бетон
 - 1.1. Подробен бетон :B10
 - 1.2. Бетон за монолитни елементи :B25
2. Стомана
 - 2.1. Арматурована стомана : A1(Ф) и S500(N)

3. Бетоново покритие - 3,5cm

4. Смес за намаляване на съсъхването , при изготвяне на бетоновата смес да се използват пластификатори В/Ц <0,48

5. Всички куки на стрелената да са закотвени задължително към ядрото на колоната под възл 135 градуса

