

SULIT



**KEMENTERIAN PENDIDIKAN TINGGI
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI**

**BAHAGIAN PEPERIKSAAN DAN PENILAIAN
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI
KEMENTERIAN PENDIDIKAN TINGGI**

JABATAN KEJURUTERAAN AWAM

PEPERIKSAAN AKHIR

SESI I : 2024/2025

DCQ10293 : QUANTIFICATION OF BUILDING WORKS 1

TARIKH : 26 NOVEMBER 2024

MASA : 11.30 PAGI – 1.30 PETANG (2 JAM)

Kertas ini mengandungi **ENAM (6)** halaman bercetak.

Subjektif (4 soalan)

Dokumen sokongan yang disertakan :
Lukisan, Kertas Dimensa, Kertas Billing, Malaysian Standard Method
Measurement of Building Works Second Edition (SMM2)

JANGAN BUKA KERTAS SOALAN INI SEHINGGA DIARAHKAN

(CLO yang tertera hanya sebagai rujukan)

SULIT

INSTRUCTION:

This section consists of **FOUR (4)** subjective questions. Answer **ALL** questions.

ARAHAN :

Bahagian ini mengandungi EMPAT (4) soalan subjektif. Jawab SEMUA soalan.

Notes:**Nota:**

1. Taking off refers to the rules stated in the Standard Method of Measurement of Building Works Second Edition (SMM2).

Pengukuran Kuantiti hendaklah merujuk kepada peraturan Kaedah Piawaian Pengukuran Kuantiti untuk Kerja-kerja Bangunan, Edisi Ke-2 (SMM2)

2. Candidate is allowed to make any assumptions if the information given in the drawing is inadequate.

Calon dibenarkan membuat andaian sekiranya maklumat yang diberikan tidak mencukupi.

3. Marks will be given for the knowledge of the subject and systematic setting of dimensions, adequacy and accuracy of description and dimensions.

Markah akan diberikan berdasarkan pengetahuan tentang subjek dan sistematik dimensi, kecukupan dan ketepatan penerangan dan dimensi.

QUESTION 1**SOALAN 1**

- CLO1 (a) The Standard Measurement Method (SMM) is used to comply with standard methods and units that will be used in measuring elements for buildings. Write the chronology of the existence of this Standard Measurement Method (SMM) until its use in Malaysia today.

Kaedah Pengukuran Piawai (SMM) digunakan untuk mematuhi kaedah dan unit piawai yang akan digunakan dalam mengukur elemen untuk bangunan. Tuliskan kronologi kewujudan Kaedah Pengukuran Piawai (SMM) ini sehingga penggunaannya di Malaysia pada hari ini.

[7 marks]

[7 markah]

- CLO1 (b) The taker-off will use dimension paper when measuring dimensions from drawings. Explain the different columns found in a traditional dimension paper.

Pengambil ukuran akan menggunakan kertas dimensi semasa mengukur dimensi daripada lukisan. Terangkan lajur berbeza yang terdapat dalam kertas dimensi tradisional.

[8 marks]

[8 markah]

- CLO1 (c) Preliminaries and Preambles are parts of the tender document contents. Explain **FIVE (5)** differences between preliminaries and preambles.
*Preliminaries dan Preambles merupakan sebahagian daripada kandungan dokumen tender. Jelaskan **LIMA (5)** perbezaan di antara preliminaries dan preambles.*

[10 marks]

[10 markah]

QUESTION 2**SOALAN 2**

- CLO1 (a) By referring to the Malaysian Standard Method of Measurement of Building Works Second Edition (SMM2), explain the sections and relevant clauses in the site preparation works.

Dengan merujuk kepada Kaedah Pengukuran Piawaian Malaysia Bagi Kerja-kerja Bangunan Edisi Kedua (SMM2), terangkan bahagian dan klausa yang berkaitan dalam kerja penyediaan tapak.

[7 marks]

[7 markah]

- CLO1 (b) Based on drawing no. **DCQ10293/QBW1/S2/1**, prepare the quantity measurement of site clearance by using Alternative Method.

Merujuk lukisan no. DCQ10293/QBW1/S2/1, sediakan ukuran kuantiti pembersihan tapak menggunakan Kaedah Alternatif.

[8 marks]

[8 markah]

- CLO1 (c) Based on drawing no. **DCQ10293/QBW1/S2/1**, organize a bill of quantities (BQ) complete with measurement for cutting down trees not exceeding 300mm girth.

Merujuk lukisan no. DCQ10293/QBW1/S2/1, hasilkan satu senarai kuantiti lengkap dengan pengukuran kuantiti pemotongan pokok yang ukur lilitnya tidak melebihi 300mm.

[10 marks]

[10 markah]

QUESTION 3**SOALAN 3**

- CLO1 (a) By referring to the Malaysian Standard Method of Measurement of Building Works Second Edition (SMM2), explain the method to measure formwork for foundation by stating the relevant clauses.

Dengan merujuk kepada Kaedah Pengukuran Piawaian Malaysia Bagi Kerja-kerja Bangunan Edisi Kedua (SMM2), terangkan kaedah mengukur kotak acuan untuk asas pad dengan menyatakan klausa yang berkaitan.

[7 marks]

[7 markah]

- CLO1 (b) Based on drawing no. **DCQ10293/QBW1/S3/1 – S3/3**, prepare the quantity measurement of pit excavation for pile cap 1P.
(assume height of column stump = 1200mm)

Merujuk lukisan no. DCQ10293/QBW1/S3/1 – S3/3, sediakan ukuran kuantiti pengorekan lubang tetopi cerucuk 1P.

(Andaikan ketinggian tiang tunggul = 1200mm)

[8 marks]

[8 markah]

- CLO1 (c) Based on drawing no. **DCQ10293/QBW1/S3/1 – S3/3**, organize a bill of quantities (BQ) complete with measurement for concrete in pile cap 2P.

Merujuk lukisan no. DCQ10293/QBW1/S3/1 – S3/3, hasilkan satu senarai kuantiti lengkap dengan pengukuran kuantiti konkrit di dalam tetopi cerucuk 2P.

[10 marks]

[10 markah]

QUESTION 4**SOALAN 4**

- CLO1 (a) By referring to the Malaysian Standard Method of Measurement of Building Works Second Edition (SMM2), explain the method to measure hardcore by stating the relevant clauses.
- Merujuk kepada Kaedah Pengukuran Piawaian Malaysia Bagi Kerja-kerja Bangunan Edisi Kedua (SMM2), terangkan kaedah mengukur 'hardcore' dengan menyatakan klausa yang berkaitan.*
- [7 marks]
[7 markah]
- CLO1 (b) Based on drawing no. DCQ10293/QBW1/S4/1 – S4/2, prepare the quantity measurement of perimeter drain.
- Merujuk lukisan no. DCQ10293/QBW1/S4/1 – S4/2, sediakan ukuran kuantiti longkang keliling.*
- [8 marks]
[8 markah]
- CLO1 (c) Based on drawing no. DCQ10293/QBW1/S4/1 – S4/2, organize a bill of quantities (BQ) complete with measurement for concrete in apron.
- Merujuk lukisan no. DCQ10293/QBW1/S4/1 – S4/2, hasilkan satu senarai kuantiti lengkap dengan pengukuran kuantiti konkrit kaki lima.*
- [10 marks]
[10 markah]

SOALAN TAMAT



PROJECT:

CADANGAN MEMBINA DAN MENYIAPKAN
 STESEN MINYAK DI ATAS LOT 125,
 KAMPUNG CAHAYA BULAN, 35210 SUNGAI
 BESAR, SELANGOR.

DRAWING TITLE:

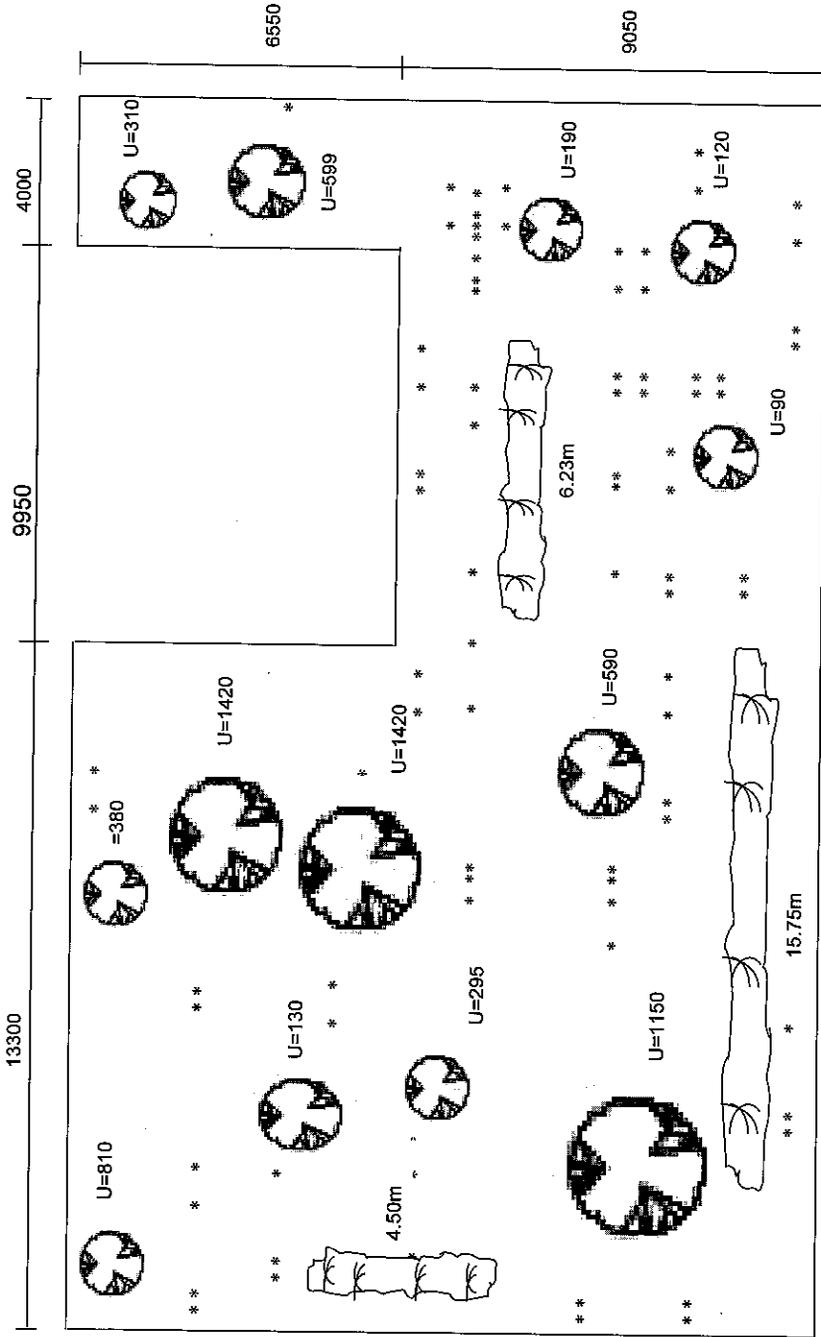
SITE CLEARANCE PLAN

DRAWING NO.:

DCQ10293/QBW1/S2/1

SCALE:

NOT TO SCALE



27250

Legend:-

* * **	Undergrowth	U	Girth of tree
	Hibiscus hedges, average 950mm high		Tree
SCALE: NOT TO SCALE			

PILING AND COLUMN MARKING LAYOUT

NOTE: SCALE 1 : 100

1. ALL PILES P150 SHALL BE 150mm X 150mm GRADE 60 R.C. PILE
2. ALL PILES SHALL BE DRIVEN TO SET. ESTIMATED PILE PENETRATION = 24M
3. THE DESIGN WORKING LOAD FOR P150 SHALL BE 250KN AND LOAD TEST TO TWICE THE WORKING LOAD TO BE CARRIED OUT TO CONFIRM.

COLUMN MARK	C1	C2	C3	C4	C5	COB	S1	
FLOOR								
FIRST FLOOR TO ROOF	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 300 X 125	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 125 X 300	 MAIN BAR 6T12 TIES 2R6-125 COL. SIZE 125 X 450	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 450 X 125	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 200 X 450	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 300 X 125	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 300 X 125	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 300 X 125
GROUND FLOOR TO FIRST FLOOR	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 450 X 125	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 150 X 450	 MAIN BAR 6T15 TIES 2R6-125 COL. SIZE 125 X 450	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 450 X 125	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 200 X 450	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 300 X 125	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 300 X 125	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 300 X 125
STUMP	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 450 X 150	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 150 X 450	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 150 X 450	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 450 X 150	 MAIN BAR 6T15 TIES R6-175 COL. SIZE 200 X 450	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 300 X 125	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 300 X 125	 MAIN BAR 4T12 TIES R6-125 COL. SIZE 300 X 125

Responsible: **Arifudin**

Project: **RESUNING AND CONCRETE FOR BND**

Location: **LOT 1, JALAN SRIHATI, JALAN SRIHATI, KEMAS, DISTRICT, SELANGOR, MALAYSIA**

Scale: **1:100**

Date: **15/03/2024**

Client: **ANWELL CONSULT**

Address: **1105, 1107, 1109, 1111, 1113, 1115, 1117, 1119, 1121, 1123, 1125, 1127, 1129, 1131, 1133, 1135, 1137, 1139, 1141, 1143, 1145, 1147, 1149, 1151, 1153, 1155, 1157, 1159, 1161, 1163, 1165, 1167, 1169, 1171, 1173, 1175, 1177, 1179, 1181, 1183, 1185, 1187, 1189, 1191, 1193, 1195, 1197, 1199, 1201, 1203, 1205, 1207, 1209, 1211, 1213, 1215, 1217, 1219, 1221, 1223, 1225, 1227, 1229, 1231, 1233, 1235, 1237, 1239, 1241, 1243, 1245, 1247, 1249, 1251, 1253, 1255, 1257, 1259, 1261, 1263, 1265, 1267, 1269, 1271, 1273, 1275, 1277, 1279, 1281, 1283, 1285, 1287, 1289, 1291, 1293, 1295, 1297, 1299, 1301, 1303, 1305, 1307, 1309, 1311, 1313, 1315, 1317, 1319, 1321, 1323, 1325, 1327, 1329, 1331, 1333, 1335, 1337, 1339, 1341, 1343, 1345, 1347, 1349, 1351, 1353, 1355, 1357, 1359, 1361, 1363, 1365, 1367, 1369, 1371, 1373, 1375, 1377, 1379, 1381, 1383, 1385, 1387, 1389, 1391, 1393, 1395, 1397, 1399, 1401, 1403, 1405, 1407, 1409, 1411, 1413, 1415, 1417, 1419, 1421, 1423, 1425, 1427, 1429, 1431, 1433, 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1767, 1769, 1771, 1773, 1775, 1777, 1779, 1781, 1783, 1785, 1787, 1789, 1791, 1793, 1795, 1797, 1799, 1801, 1803, 1805, 1807, 1809, 1811, 1813, 1815, 1817, 1819, 1821, 1823, 1825, 1827, 1829, 1831, 1833, 1835, 1837, 1839, 1841, 1843, 1845, 1847, 1849, 1851, 1853, 1855, 1857, 1859, 1861, 1863, 1865, 1867, 1869, 1871, 1873, 1875, 1877, 1879, 1881, 1883, 1885, 1887, 1889, 1891, 1893, 1895, 1897, 1899, 1901, 1903, 1905, 1907, 1909, 1911, 1913, 1915, 1917, 1919, 1921, 1923, 1925, 1927, 1929, 1931, 1933, 1935, 1937, 1939, 1941, 1943, 1945, 1947, 1949, 1951, 1953, 1955, 1957, 1959, 1961, 1963, 1965, 1967, 1969, 1971, 1973, 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997, 1999, 2001, 2003, 2005, 2007, 2009, 2011, 2013, 2015, 2017, 2019, 2021, 2023, 2025, 2027, 2029, 2031, 2033, 2035, 2037, 2039, 2041, 2043, 2045, 2047, 2049, 2051, 2053, 2055, 2057, 2059, 2061, 2063, 2065, 2067, 2069, 2071, 2073, 2075, 2077, 2079, 2081, 2083, 2085, 2087, 2089, 2091, 2093, 2095, 2097, 2099, 2101, 2103, 2105, 2107, 2109, 2111, 2113, 2115, 2117, 2119, 2121, 2123, 2125, 2127, 2129, 2131, 2133, 2135, 2137, 2139, 2141, 2143, 2145, 2147, 2149, 2151, 2153, 2155, 2157, 2159, 2161, 2163, 2165, 2167, 2169, 2171, 2173, 2175, 2177, 2179, 2181, 2183, 2185, 2187, 2189, 2191, 2193, 2195, 2197, 2199, 2201, 2203, 2205, 2207, 2209, 2211, 2213, 2215, 2217, 2219, 2221, 2223, 2225, 2227, 2229, 2231, 2233, 2235, 2237, 2239, 2241, 2243, 2245, 2247, 2249, 2251, 2253, 2255, 2257, 2259, 2261, 2263, 2265, 2267, 2269, 2271, 2273, 2275, 2277, 2279, 2281, 2283, 2285, 2287, 2289, 2291, 2293, 2295, 2297, 2299, 2301, 2303, 2305, 2307, 2309, 2311, 2313, 2315, 2317, 2319, 2321, 2323, 2325, 2327, 2329, 2331, 2333, 2335, 2337, 2339, 2341, 2343, 2345, 2347, 2349, 2351, 2353, 2355, 2357, 2359, 2361, 2363, 2365, 2367, 2369, 2371, 2373, 2375, 2377, 2379, 2381, 2383, 2385, 2387, 2389, 2391, 2393, 2395, 2397, 2399, 2401, 2403, 2405, 2407, 2409, 2411, 2413, 2415, 2417, 2419, 2421, 2423, 2425, 2427, 2429, 2431, 2433, 2435, 2437, 2439, 2441, 2443, 2445, 2447, 2449, 2451, 2453, 2455, 2457, 2459, 2461, 2463, 2465, 2467, 2469, 2471, 2473, 2475, 2477, 2479, 2481, 2483, 2485, 2487, 2489, 2491, 2493, 2495, 2497, 2499, 2501, 2503, 2505, 2507, 2509, 2511, 2513, 2515, 2517, 2519, 2521, 2523, 2525, 2527, 2529, 2531, 2533, 2535, 2537, 2539, 2541, 2543, 2545, 2547, 2549, 2551, 2553, 2555, 2557, 2559, 2561, 2563, 2565, 2567, 2569, 2571, 2573, 2575, 2577, 2579, 2581, 2583, 2585, 2587, 2589, 2591, 2593, 2595, 2597, 2599, 2601, 2603, 2605, 2607, 2609, 2611, 2613, 2615, 2617, 2619, 2621, 2623, 2625, 2627, 2629, 2631, 2633, 2635, 2637, 2639, 2641, 2643, 2645, 2647, 2649, 2651, 2653, 2655, 2657, 2659, 2661, 2663, 2665, 2667, 2669, 2671, 2673, 2675, 2677, 2679, 2681, 2683, 2685, 2687, 2689, 2691, 2693, 2695, 2697, 2699, 2701, 2703, 2705, 2707, 2709, 2711, 2713, 2715, 2717, 2719, 2721, 2723, 2725, 2727, 2729, 2731, 2733, 2735, 2737, 2739, 2741, 2743, 2745, 2747, 2749, 2751, 2753, 2755, 2757, 2759, 2761, 2763, 2765, 2767, 2769, 2771, 2773, 2775, 2777, 2779, 2781, 2783, 2785, 2787, 2789, 2791, 2793, 2795, 2797, 2799, 2801, 2803, 2805, 2807, 2809, 2811, 2813, 2815, 2817, 2819, 2821, 2823, 2825, 2827, 2829, 2831, 2833, 2835, 2837, 2839, 2841, 2843, 2845, 2847, 2849, 2851, 2853, 2855, 2857, 2859, 2861, 2863, 2865, 2867, 2869, 2871, 2873, 2875, 2877, 2879, 2881, 2883, 2885, 2887, 2889, 2891, 2893, 2895, 2897, 2899, 2901, 2903, 2905, 2907, 2909, 2911, 2913, 2915, 2917, 2919, 2921, 2923, 2925, 2927, 2929, 2931, 2933, 2935, 2937, 2939, 2941, 2943, 2945, 2947, 2949, 2951, 2953, 2955, 2957, 2959, 2961, 2963, 2965, 2967, 2969, 2971, 2973, 2975, 2977, 2979, 2981, 2983, 2985, 2987, 2989, 2991, 2993, 2995, 2997, 2999, 3001, 3003, 3005, 3007, 3009, 3011, 3013, 3015, 3017, 3019, 3021, 3023, 3025, 3027, 3029, 3031, 3033, 3035, 3037, 3039, 3041, 3043, 3045, 3047, 3049, 3051, 3053, 3055, 3057, 3059, 3061, 3063, 3065, 3067, 3069, 3071, 3073, 3075, 3077, 3079, 3081, 3083, 3085, 3087, 3089, 3091, 3093, 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4091, 4093, 4095, 4097, 4099, 4101, 4103, 4105, 4107, 4109, 4111, 4113, 4115, 4117, 4119, 4121, 4123, 4125, 4127, 4129, 4131, 4133, 4135, 4137, 4139, 4141, 4143, 4145, 4147, 4149, 4151, 4153, 4155, 4157, 4159, 4161, 4163, 4165, 4167, 4169, 4171, 4173, 4175, 4177, 4179, 4181, 4183, 4185, 4187, 4189, 4191, 4193, 4195, 4197, 4199, 4201, 4203, 4205, 4207, 4209, 4211, 4213, 4215, 4217, 4219, 4221, 4223, 4225, 4227, 4229, 4231, 4233, 4235, 4237, 4239, 4241, 4243, 4245, 4247, 4249, 4251, 4253, 4255, 4257, 4259, 4261, 4263, 4265, 4267, 4269, 4271, 4273, 4275, 4277, 4279, 4281, 4283, 4285, 4287, 4289, 4291, 4293, 4295, 4297, 4299, 4301, 4303, 4305, 4307, 4309, 4311, 4313, 4315, 4317, 4319, 4321, 4323, 4325, 4327, 4329, 4331, 4333, 4335, 4337, 4339, 4341, 4343, 4345, 4347, 4349, 4351, 4353, 4355, 4357, 4359, 4361, 4363, 4365, 4367, 4369, 4371, 4373, 4375, 4377, 4379, 4381, 4383, 4385, 4387, 4389, 4391, 4393, 4395, 4397, 4399, 4401, 4403, 4405, 4407, 4409, 4411, 4413, 4415, 4417, 4419, 4421, 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RUMAH SEBESUAI JENIS B
WALL & FLOOR FINISHES DETAIL

LOCATION	FLOOR FINISHES	WALL FINISHES
T1 Living Area, Dining Area, Kitchen, Master Bedroom, Bedroom 2, Bedroom 3 & Bedroom 4,	500mm x 500mm Ceramic Floor Tiles (White Horse/ setara)	
T2 Bathroom 1 & Bathroom 2,	300mm x 300mm Ceramic Floor Tiles (Non Slip) (White Horse/ setara)	300mm x 300mm Ceramic Wall Tiles floor level to ceiling level (White Horse/ setara)
T3 Car Porch	300mm x 300mm Porcelain Floor Tiles (Non Slip) (White Horse/ setara)	
T4 Terrace & Yard	300mm x 300mm Ceramic Floor Tiles (Non Slip) (White Horse/ setara)	
CR Entrance Gate Ramp & Apron	Cement Render (Apron) Broom Finish (Only for ramp)	
TR Landskap	Spot Turfing ~ 600mm to 600mm	

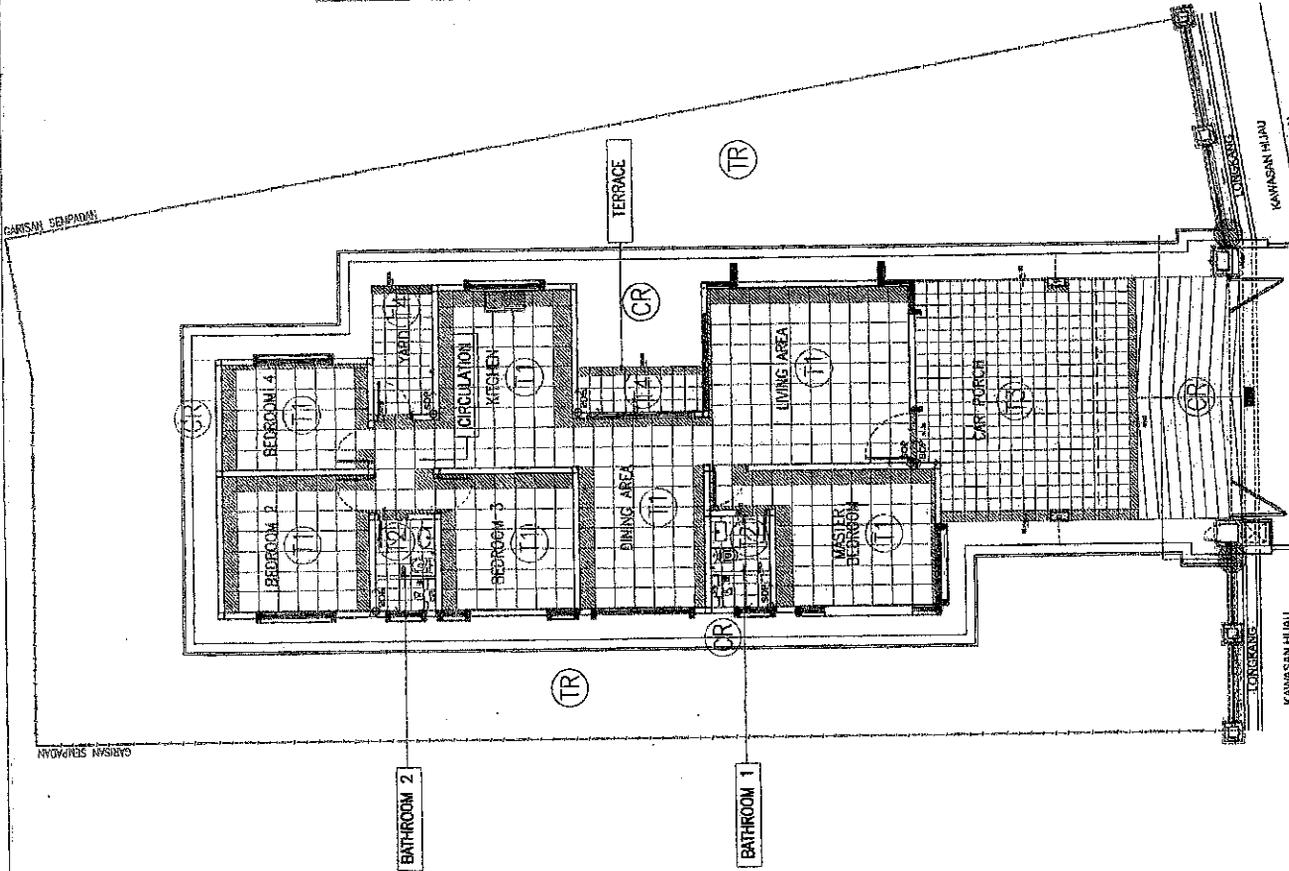
NOTE:
- CONNECTION SHARP CORNER TO WALL, SKirting AND OTHER SHOULD BE WRITTEN WITH NEAT.
- TILES TO CLIENT'S SELECTION AND ARCHITECT APPROVAL.

LEGEND

	Floor Finishes - Ceramic Tiles
	Setting Of Point
	Wali Finishes
	Tile Cutting

FLOOR PLAN

SCALE 1:125



TENDER DRAWING

MUHAFA ARCHITECT
NO. LUKSIAN: DCO10293/QBM1/S4-1
DATE: 2022

TAJUK LUKSIAN: FLOOR PLAN

Ukuran: 1:125 | Tahun: 2022

Dilulus Oleh: NS Termbil: BOB Simeon Esari

Naras: Fari:

Pindai: FARMAN HAFIZ

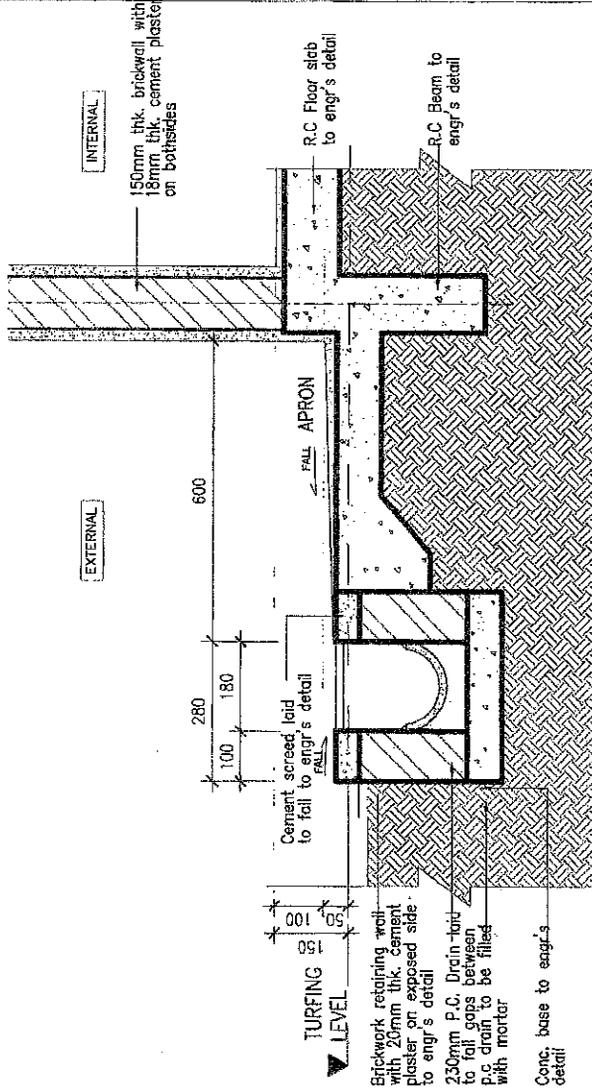
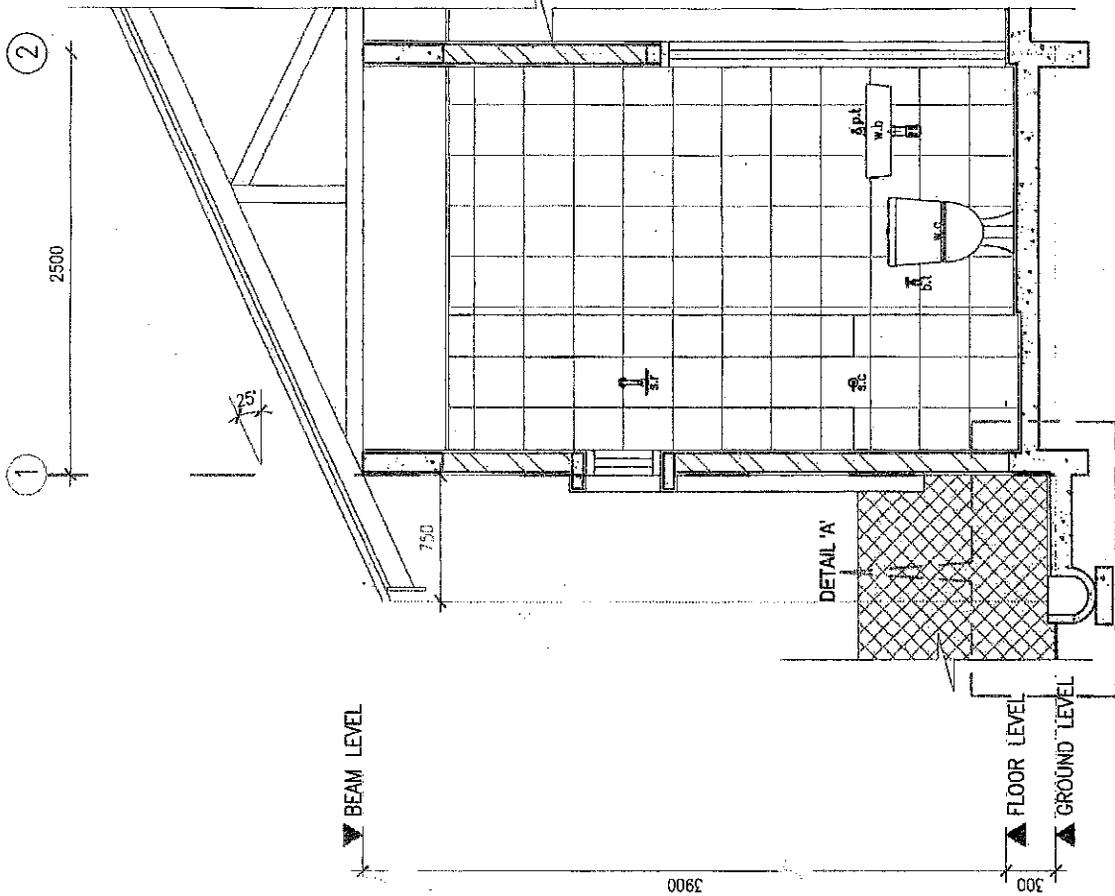
Ditandatangani: NAASB/KED/SP/2021/H-APPB-Fabi #0P KLANTA & DINING

1

PROJEK: CADANGAN PEMBANGUNAN TAMAN TUNGU INTAN BAPHAZ PASA 4 (SEMFON EAST) BERSEKUTUAN YAHYI TERBINI

PASAJA: 3 UNIT RUMAH SEBESUAI JENIS A
3 UNIT RUMAH SEBESUAI JENIS B
DI ATAS LOT-LOT PISBA - PFSB & PFSBT - PFSB SIKAM BANGAR DARULAMAN, DAERAH KUBANG PASI, REDANG
UMYUK, TELUK ANSON, 0808 LAND SDN BHD

MUHAFA ARCHITECT



DETAIL 1 (TYPICAL APRON)
SCALE 1:10

SECTION X-X
SCALE 1:30

TENDER DRAWING

DATE: DCG10293/QBW1/S4-2

MULHAJ
AMROSE
ARCHITECT

PROJEK:	CADANGAN PEMBANGUNAN TAMAN TUNJUK INTAN BANGSA FASA 4 (SEKON EAST) SECARA BERGABUNG YANG TERDIRI DARIPADA:
PASAR 3A:	30 UNIT RUMAH SEBESUAI JENIS A
DI ATAS LOT-LOT PTRESA - PT1843 & PT1877 - PTRESA MUKOM BANGDAR DARULAMAN, DEMPAT KUBANG PASIR, KEDAH DARUL AMAN	
UNTUK TE TUAN:	BDS LAND SDN BHD
HAKE DITIA TERPELUHARA	1. SEMUA JAGAS TERBUKTI HADAPKAN KEHENDAK REHABILITASI DAN/ATAU PERUBAHAN RUMAH RUMAH YANG TELAH DIBANGUN. 2. KEHENDAK REHABILITASI DAN/ATAU PERUBAHAN RUMAH RUMAH YANG TELAH DIBANGUN HARUS BERKUALITI DAN BERKUALITI YANG BERTAMBAH. 3. SEMUA RUMAH HARUS DIBANGUN DENGAN MENGIKUTI PERINCIPAN DAN/ATAU PERUBAHAN RUMAH RUMAH YANG TELAH DIBANGUN. 4. SEMUA RUMAH HARUS DIBANGUN DENGAN MENGIKUTI PERINCIPAN DAN/ATAU PERUBAHAN RUMAH RUMAH YANG TELAH DIBANGUN. 5. SEMUA RUMAH HARUS DIBANGUN DENGAN MENGIKUTI PERINCIPAN DAN/ATAU PERUBAHAN RUMAH RUMAH YANG TELAH DIBANGUN. 6. SEMUA RUMAH HARUS DIBANGUN DENGAN MENGIKUTI PERINCIPAN DAN/ATAU PERUBAHAN RUMAH RUMAH YANG TELAH DIBANGUN. 7. SEMUA RUMAH HARUS DIBANGUN DENGAN MENGIKUTI PERINCIPAN DAN/ATAU PERUBAHAN RUMAH RUMAH YANG TELAH DIBANGUN. 8. SEMUA RUMAH HARUS DIBANGUN DENGAN MENGIKUTI PERINCIPAN DAN/ATAU PERUBAHAN RUMAH RUMAH YANG TELAH DIBANGUN. 9. SEMUA RUMAH HARUS DIBANGUN DENGAN MENGIKUTI PERINCIPAN DAN/ATAU PERUBAHAN RUMAH RUMAH YANG TELAH DIBANGUN. 10. SEMUA RUMAH HARUS DIBANGUN DENGAN MENGIKUTI PERINCIPAN DAN/ATAU PERUBAHAN RUMAH RUMAH YANG TELAH DIBANGUN.
Urut: AS SHOWN	Terima: 2022
Dilulus Oleh: NS	Terima: NS
Nama Pali: BDB SIMPATI ESEL	Prinsip: FARHAN HAFIZ
Disambik Oleh: FARHAN HAFIZ	
NO. LUKISAN: MAASB/KED/SP/2021/14/PB-Fasa 4D/P-APRON	AD 1