

NOTAS DE EXECUÇÃO

- 1- NORMAS DE REFERÊNCIA:
NBR-6118-PROJETO E EXECUÇÃO DE ESTRUTURAS DE CONCRETO ARMADO
NBR-6122-PROJETO E EXECUÇÃO DE FUNDAÇÃO
NBR-6123-PROJETO E EXECUÇÃO DE ESTRUTURAS DE EDIFICAÇÕES
2- CLASSE DE AGRESSIVIDADE AMBIENTAL: CLASSE II (MODERADA - URBANA),
3- CLASSE DO CONCRETO COM A NBR 6118 - ITEM 6.4.2 - TABELA 6.1 - CLASSE II (MODERADA - URBANA),
4- ESTRUTURAS MOLDADES IN LOCO - CLASSE = C25 COM F_{ck}≥25MPa,
5- RELACÃO AGÜAMENTO EM MASSA (a/g) DE ACORDO COM NBR 6118 - ITEM 7.4.7.6 - TABELA 7.2
LAJES = 3,0cm - VIGAS PILARES = 4,5cm - SAPATAS = 4,5cm,
6- SLUMP 90mm ± 20mm,
7- LIMITES PARA FISSURACÃO E PROTEÇÃO DAS ARMADURAS DE ACORDO COM A NBR 6118 - TABELA 13.3
8- LIMITES PARA FISSURACÃO E PROTEÇÃO DAS ARMADURAS DE ACORDO COM A NBR 6118 - TABELA 13.3
9- CATEGORIA DO AÇO:
CABO - Aço 600MPa,
CABO - Aço 600MPa,
CABO - Aço 600MPa,
10- OBEDECER OS DIÂMETROS DOS PINOS DE DOBRAMENTO ESPECIFICADOS NA NBR 6118 - TAB. 9.1,
11- AS BARRAS DE ARMADURAS ESTÃO DESENHADAS EM SEUS TRECHOS RETOS SEM DESCONTOS DEVIDO A DOBRAMENTOS. O CORTE E DOBRA DAS ARMADURAS É DE RESPONSABILIDADE DO EXECUTOR.
12- O CONCRETAMENTO DO USO DE ESPALHADORES PLÁSTICOS OU DE CONCRETO PARA GARANTIR OS DOBRAMENTOS E OBRIGATORIO O USO DE ESPALHADORES PLÁSTICOS OU DE CONCRETO PARA GARANTIR OS DOBRAMENTOS.
13- O CONCRETO DEVE SER LANÇADO DE UMA ALTURA MÁXIMA DE 1,50m, ADOTANDO-SE TUBO TREMONHA.
14- NÃO VIBRAR EXCESSIVAMENTE O CONCRETO, DE MODO A EVITAR A SEGREGAÇÃO DOS AGREGADOS.
15- NÃO VIBRAR EXCESSIVAMENTE AGREGADOS BRITA 1 E BRITA 2. PARA CAPA DE LAJES - UTILIZAR APENAS BRITA 1 COM DIMENSÃO MÁXIMA DO AGREGADO DE 19MM.
16- AS FORMAS, ESCORAMENTO, TRANSPORTE, LANÇAMENTO E CONTROLE DA RESISTÊNCIA DO CONCRETO DEVERÃO OBEDECER AS RECOMENDAÇÕES DA NORMA NBR-14931:

DO CONCRETO DEVERÃO OBEDECER AS RECOMENDAÇÕES DA NORMA NBR-14931:

Nome	Seção	X (cm)	Y (cm)	Carga Máx. (tf)	Carga Min. (tf)	Pilar		Fundação		Nome Lado B	Lado H (cm)	H ₀ / H ₁ (cm)	H ₂ / H ₃ (cm)	H ₄ / H ₅ (cm)	H ₆ / H ₇ (cm)	H ₈ / H ₉ (cm)	H ₁₀ / H ₁₁ (cm)	H ₁₂ / H ₁₃ (cm)	H ₁₄ / H ₁₅ (cm)	H ₁₆ / H ₁₇ (cm)	H ₁₈ / H ₁₉ (cm)	H ₂₀ / H ₂₁ (cm)	H ₂₂ / H ₂₃ (cm)	H ₂₄ / H ₂₅ (cm)	H ₂₆ / H ₂₇ (cm)	H ₂₈ / H ₂₉ (cm)	H ₃₀ / H ₃₁ (cm)	H ₃₂ / H ₃₃ (cm)	H ₃₄ / H ₃₅ (cm)	H ₃₆ / H ₃₇ (cm)	H ₃₈ / H ₃₉ (cm)	H ₄₀ / H ₄₁ (cm)	H ₄₂ / H ₄₃ (cm)	H ₄₄ / H ₄₅ (cm)	H ₄₆ / H ₄₇ (cm)	H ₄₈ / H ₄₉ (cm)	H ₅₀ / H ₅₁ (cm)	H ₅₂ / H ₅₃ (cm)	H ₅₄ / H ₅₅ (cm)	H ₅₆ / H ₅₇ (cm)	H ₅₈ / H ₅₉ (cm)	H ₆₀ / H ₆₁ (cm)	H ₆₂ / H ₆₃ (cm)	H ₆₄ / H ₆₅ (cm)	H ₆₆ / H ₆₇ (cm)	H ₆₈ / H ₆₉ (cm)	H ₇₀ / H ₇₁ (cm)	H ₇₂ / H ₇₃ (cm)	H ₇₄ / H ₇₅ (cm)	H ₇₆ / H ₇₇ (cm)	H ₇₈ / H ₇₉ (cm)	H ₈₀ / H ₈₁ (cm)	H ₈₂ / H ₈₃ (cm)	H ₈₄ / H ₈₅ (cm)	H ₈₆ / H ₈₇ (cm)	H ₈₈ / H ₈₉ (cm)	H ₉₀ / H ₉₁ (cm)	H ₉₂ / H ₉₃ (cm)	H ₉₄ / H ₉₅ (cm)	H ₉₆ / H ₉₇ (cm)	H ₉₈ / H ₉₉ (cm)	H ₁₀₀ / H ₁₀₁ (cm)	H ₁₀₂ / H ₁₀₃ (cm)	H ₁₀₄ / H ₁₀₅ (cm)	H ₁₀₆ / H ₁₀₇ (cm)	H ₁₀₈ / H ₁₀₉ (cm)	H ₁₁₀ / H ₁₁₁ (cm)	H ₁₁₂ / H ₁₁₃ (cm)	H ₁₁₄ / H ₁₁₅ (cm)	H ₁₁₆ / H ₁₁₇ (cm)	H ₁₁₈ / H ₁₁₉ (cm)	H ₁₂₀ / H ₁₂₁ (cm)	H ₁₂₂ / H ₁₂₃ (cm)	H ₁₂₄ / H ₁₂₅ (cm)	H ₁₂₆ / H ₁₂₇ (cm)	H ₁₂₈ / H ₁₂₉ (cm)	H ₁₃₀ / H ₁₃₁ (cm)	H ₁₃₂ / H ₁₃₃ (cm)	H ₁₃₄ / H ₁₃₅ (cm)	H ₁₃₆ / H ₁₃₇ (cm)	H ₁₃₈ / H ₁₃₉ (cm)	H ₁₄₀ / H ₁₄₁ (cm)	H ₁₄₂ / H ₁₄₃ (cm)	H ₁₄₄ / H ₁₄₅ (cm)	H ₁₄₆ / H ₁₄₇ (cm)	H ₁₄₈ / H ₁₄₉ (cm)	H ₁₅₀ / H ₁₅₁ (cm)	H ₁₅₂ / H ₁₅₃ (cm)	H ₁₅₄ / H ₁₅₅ (cm)	H ₁₅₆ / H ₁₅₇ (cm)	H ₁₅₈ / H ₁₅₉ (cm)	H ₁₆₀ / H ₁₆₁ (cm)	H ₁₆₂ / H ₁₆₃ (cm)	H ₁₆₄ / H ₁₆₅ (cm)	H ₁₆₆ / H ₁₆₇ (cm)	H ₁₆₈ / H ₁₆₉ (cm)	H ₁₇₀ / H ₁₇₁ (cm)	H ₁₇₂ / H ₁₇₃ (cm)	H ₁₇₄ / H ₁₇₅ (cm)	H ₁₇₆ / H ₁₇₇ (cm)	H ₁₇₈ / H ₁₇₉ (cm)	H ₁₈₀ / H ₁₈₁ (cm)	H ₁₈₂ / H ₁₈₃ (cm)	H ₁₈₄ / H ₁₈₅ (cm)	H ₁₈₆ / H ₁₈₇ (cm)	H ₁₈₈ / H ₁₈₉ (cm)	H ₁₉₀ / H ₁₉₁ (cm)	H ₁₉₂ / H ₁₉₃ (cm)	H ₁₉₄ / H ₁₉₅ (cm)	H ₁₉₆ / H ₁₉₇ (cm)	H ₁₉₈ / H ₁₉₉ (cm)	H ₂₀₀ / H ₂₀₁ (cm)	H ₂₀₂ / H ₂₀₃ (cm)	H ₂₀₄ / H ₂₀₅ (cm)	H ₂₀₆ / H ₂₀₇ (cm)	H ₂₀₈ / H ₂₀₉ (cm)	H ₂₁₀ / H ₂₁₁ (cm)	H ₂₁₂ / H ₂₁₃ (cm)	H ₂₁₄ / H ₂₁₅ (cm)	H ₂₁₆ / H ₂₁₇ (cm)	H ₂₁₈ / H ₂₁₉ (cm)	H ₂₂₀ / H ₂₂₁ (cm)	H ₂₂₂ / H ₂₂₃ (cm)	H ₂₂₄ / H ₂₂₅ (cm)	H ₂₂₆ / H ₂₂₇ (cm)	H ₂₂₈ / H ₂₂₉ (cm)	H ₂₃₀ / H ₂₃₁ (cm)	H ₂₃₂ / H ₂₃₃ (cm)	H ₂₃₄ / H ₂₃₅ (cm)	H ₂₃₆ / H ₂₃₇ (cm)	H ₂₃₈ / H ₂₃₉ (cm)	H ₂₄₀ / H ₂₄₁ (cm)	H ₂₄₂ / H ₂₄₃ (cm)	H ₂₄₄ / H ₂₄₅ (cm)	H ₂₄₆ / H ₂₄₇ (cm)	H ₂₄₈ / H ₂₄₉ (cm)	H ₂₅₀ / H ₂₅₁ (cm)	H ₂₅₂ / H ₂₅₃ (cm)	H ₂₅₄ / H ₂₅₅ (cm)	H ₂₅₆ / H ₂₅₇ (cm)	H ₂₅₈ / H ₂₅₉ (cm)	H ₂₆₀ / H ₂₆₁ (cm)	H ₂₆₂ / H ₂₆₃ (cm)	H ₂₆₄ / H ₂₆₅ (cm)	H ₂₆₆ / H ₂₆₇ (cm)	H ₂₆₈ / H ₂₆₉ (cm)	H ₂₇₀ / H ₂₇₁ (cm)	H ₂₇₂ / H ₂₇₃ (cm)	H ₂₇₄ / H ₂₇₅ (cm)	H ₂₇₆ / H ₂₇₇ (cm)	H ₂₇₈ / H ₂₇₉ (cm)	H ₂₈₀ / H ₂₈₁ (cm)	H ₂₈₂ / H ₂₈₃ (cm)	H ₂₈₄ / H ₂₈₅ (cm)	H ₂₈₆ / H ₂₈₇ (cm)	H ₂₈₈ / H ₂₈₉ (cm)	H ₂₉₀ / H ₂₉₁ (cm)	H ₂₉₂ / H ₂₉₃ (cm)	H ₂₉₄ / H ₂₉₅ (cm)	H ₂₉₆ / H ₂₉₇ (cm)	H ₂₉₈ / H ₂₉₉ (cm)	H ₃₀₀ / H ₃₀₁ (cm)	H ₃₀₂ / H ₃₀₃ (cm)	H ₃₀₄ / H ₃₀₅ (cm)	H ₃₀₆ / H ₃₀₇ (cm)	H ₃₀₈ / H ₃₀₉ (cm)	H ₃₁₀ / H ₃₁₁ (cm)	H ₃₁₂ / H ₃₁₃ (cm)	H ₃₁₄ / H ₃₁₅ (cm)	H ₃₁₆ / H ₃₁₇ (cm)	H ₃₁₈ / H ₃₁₉ (cm)	H ₃₂₀ / H ₃₂₁ (cm)	H ₃₂₂ / H ₃₂₃ (cm)	H ₃₂₄ / H ₃₂₅ (cm)	H ₃₂₆ / H ₃₂₇ (cm)	H ₃₂₈ / H ₃₂₉ (cm)	H ₃₃₀ / H ₃₃₁ (cm)	H ₃₃₂ / H ₃₃₃ (cm)	H ₃₃₄ / H ₃₃₅ (cm)	H ₃₃₆ / H ₃₃₇ (cm)	H ₃₃₈ / H ₃₃₉ (cm)	H ₃₄₀ / H ₃₄₁ (cm)	H ₃₄₂ / H ₃₄₃ (cm)	H ₃₄₄ / H ₃₄₅ (cm)	H ₃₄₆ / H ₃₄₇ (cm)	H ₃₄₈ / H ₃₄₉ (cm)	H ₃₅₀ / H ₃₅₁ (cm)	H ₃₅₂ / H ₃₅₃ (cm)	H ₃₅₄ / H ₃₅₅ (cm)	H ₃₅₆ / H ₃₅₇ (cm)	H ₃₅₈ / H ₃₅₉ (cm)	H ₃₆₀ / H ₃₆₁ (cm)	H ₃₆₂ / H ₃₆₃ (cm)	H ₃₆₄ / H ₃₆₅ (cm)	H ₃₆₆ / H ₃₆₇ (cm)	H ₃₆₈ / H ₃₆₉ (cm)	H ₃₇₀ / H ₃₇₁ (cm)	H ₃₇₂ / H ₃₇₃ (cm)	H ₃₇₄ / H ₃₇₅ (cm)	H ₃₇₆ / H ₃₇₇ (cm)	H ₃₇₈ / H ₃₇₉ (cm)	H ₃₈₀ / H ₃₈₁ (cm)	H ₃₈₂ / H ₃₈₃ (cm)	H ₃₈₄ / H ₃₈₅ (cm)	H ₃₈₆ / H ₃₈₇ (cm)	H ₃₈₈ / H ₃₈₉ (cm)	H ₃₉₀ / H ₃₉₁ (cm)	H ₃₉₂ / H ₃₉₃ (cm)	H ₃₉₄ / H ₃₉₅ (cm)	H ₃₉₆ / H ₃₉₇ (cm)	H ₃₉₈ / H ₃₉₉ (cm)	H ₄₀₀ / H ₄₀₁ (cm)	H ₄₀₂ / H ₄₀₃ (cm)	H ₄₀₄ / H ₄₀₅ (cm)	H ₄₀₆ / H ₄₀₇ (cm)	H ₄₀₈ / H ₄₀₉ (cm)	H ₄₁₀ / H ₄₁₁ (cm)	H ₄₁₂ / H ₄₁₃ (cm)	H ₄₁₄ / H ₄₁₅ (cm)	H ₄₁₆ / H ₄₁₇ (cm)	H ₄₁₈ / H ₄₁₉ (cm)	H ₄₂₀ / H ₄₂₁ (cm)	H ₄₂₂ / H ₄₂₃ (cm)	H ₄₂₄ / H ₄₂₅ (cm)	H ₄₂₆ / H ₄₂₇ (cm)	H ₄₂₈ / H ₄₂₉ (cm)	H ₄₃₀ / H ₄₃₁ (cm)	H ₄₃₂ / H ₄₃₃ (cm)	H ₄₃₄ / H ₄₃₅ (cm)	H ₄₃₆ / H ₄₃₇ (cm)	H ₄₃₈ / H ₄₃₉ (cm)	H ₄₄₀ / H ₄₄₁ (cm)	H ₄₄₂ / H ₄₄₃ (cm)	H ₄₄₄ / H ₄₄₅ (cm)	H ₄₄₆ / H ₄₄₇ (cm)	H ₄₄₈ / H ₄₄₉ (cm)	H ₄₅₀ / H ₄₅₁ (cm)	H ₄₅₂ / H ₄₅₃ (cm)	H ₄₅₄ / H ₄₅₅ (cm)	H ₄₅₆ / H ₄₅₇ (cm)	H ₄₅₈ / H ₄₅₉ (cm)	H ₄₆₀ / H ₄₆₁ (cm)	H ₄₆₂ / H ₄₆₃ (cm)	H ₄₆₄ / H ₄₆₅ (cm)	H ₄₆₆ / H ₄₆₇ (cm)	H ₄₆₈ / H ₄₆₉ (cm)	H ₄₇₀ / H ₄₇₁ (cm)	H ₄₇₂ / H ₄₇₃ (cm)	H ₄₇₄ / H ₄₇₅ (cm)	H ₄₇₆ / H ₄₇₇ (cm)	H ₄₇₈ / H ₄₇₉ (cm)	H ₄₈₀ / H ₄₈₁ (cm)	H ₄₈₂ / H ₄₈₃ (cm)	H ₄₈₄ / H ₄₈₅ (cm)	H ₄₈₆ / H ₄₈₇ (cm)	H ₄₈₈ / H ₄₈₉ (cm)	H ₄₉₀ / H ₄₉₁ (cm)	H ₄₉₂ / H ₄₉₃ (cm)	H ₄₉₄ / H ₄₉₅ (cm)	H ₄₉₆ / H ₄₉₇ (cm)	H ₄₉₈ / H ₄₉₉ (cm)	H ₅₀₀ / H ₅₀₁ (cm)	H ₅₀₂ / H ₅₀₃ (cm)	H ₅₀₄ / H ₅₀₅ (cm)	H ₅₀₆ / H ₅₀₇ (cm)	H ₅₀₈ / H ₅₀₉ (cm)	H ₅₁₀ / H ₅₁₁ (cm)	H ₅₁₂ / H ₅₁₃ (cm)	H ₅₁₄ / H ₅₁₅ (cm)	H ₅₁₆ / H ₅₁₇ (cm)	H ₅₁₈ / H ₅₁₉ (cm)	H ₅₂₀ / H ₅₂₁ (cm)	H ₅₂₂ / H ₅₂₃ (cm)	H ₅₂₄ / H ₅₂₅ (cm)	H ₅₂₆ / H ₅₂₇ (cm)	H ₅₂₈ / H ₅₂₉ (cm)	H ₅₃₀ / H ₅₃₁ (cm)	H ₅₃₂ / H ₅₃₃ (cm)	H ₅₃₄ / H ₅₃₅ (cm)	H ₅₃₆ / H ₅₃₇ (cm)	H ₅₃₈ / H ₅₃₉ (cm)	H ₅₄₀ / H ₅₄₁ (cm)	H ₅₄₂ / H ₅₄₃ (cm)	H ₅₄₄ / H ₅₄₅ (cm)	H ₅₄₆ / H ₅₄₇ (cm)	H ₅₄₈ / H ₅₄₉ (cm)	H ₅₅₀ / H ₅₅₁ (cm)	H ₅₅₂ / H ₅₅₃ (cm)	H ₅₅₄ / H ₅₅₅ (cm)	H ₅₅₆ / H ₅₅₇ (cm)	H ₅₅₈ / H ₅₅₉ (cm)	H ₅₆₀ / H ₅₆₁ (cm)	H ₅₆₂ / H ₅₆₃ (cm)	H ₅₆₄ / H ₅₆₅ (cm)	H ₅₆₆ / H ₅₆₇ (cm)	H ₅₆₈ / H ₅₆₉ (cm)	H ₅₇₀ / H ₅₇₁ (cm)	H ₅₇₂ / H ₅₇₃ (cm)	H ₅₇₄ / H ₅₇₅ (cm)	H ₅₇₆ / H ₅₇₇ (cm)	H ₅₇₈ / H ₅₇₉ (cm)	H ₅₈₀ / H ₅₈₁ (cm)	H ₅₈₂ / H ₅₈₃ (cm)	H ₅₈₄ / H ₅₈₅ (cm)	H ₅₈₆ / H ₅₈₇ (cm)	H ₅₈₈ / H ₅₈₉ (cm)	H ₅₉₀ / H ₅₉₁ (cm)	H ₅₉₂ / H ₅₉₃ (cm)	H ₅₉₄ / H ₅₉₅ (cm)	H ₅₉₆ / H ₅₉₇ (cm)	H ₅₉₈ / H ₅₉₉ (cm)	H ₆₀₀ / H ₆₀₁ (cm)	H ₆₀₂ / H ₆₀₃ (cm)	H ₆₀₄ / H ₆₀₅ (cm)	H ₆₀₆ / H ₆₀₇ (cm)	H ₆₀₈ / H ₆₀₉ (cm)	H ₆₁₀ / H ₆₁₁ (cm)	H ₆₁₂ / H ₆₁₃ (cm)	H ₆₁₄ / H ₆₁₅ (cm)	H ₆₁₆ / H ₆₁₇ (cm)	H ₆₁₈ / H ₆₁₉ (cm)	H ₆₂₀ / H ₆₂₁ (cm)	H ₆₂₂ / H ₆₂₃ (cm)	H ₆₂₄ / H ₆₂₅ (cm)	H ₆₂₆ / H ₆₂₇ (cm)	H ₆₂₈ / H ₆₂₉ (cm)	H ₆₃₀ / H ₆₃₁ (cm)	H ₆₃₂ / H ₆₃₃ (cm)	H ₆₃₄ / H ₆₃₅ (cm)	H ₆₃₆ / H ₆₃₇ (cm)	H ₆₃₈ / H ₆₃₉ (cm)	H ₆₄₀ / H ₆₄₁ (cm)	H ₆₄₂ / H ₆₄₃ (cm)	H ₆₄₄ / H ₆₄₅ (cm)	H ₆₄₆ / H ₆₄₇ (cm)	H ₆₄₈ / H ₆₄₉ (cm)	H ₆₅₀ / H ₆₅₁ (cm)	H ₆₅₂ / H ₆₅₃ (cm)	H ₆₅₄ / H ₆₅₅ (cm)	H ₆₅₆ / H ₆₅₇ (cm)	H ₆₅₈ / H ₆₅₉ (cm)	H ₆₆₀ / H ₆₆₁ (cm)	H ₆₆₂ / H ₆₆₃ (cm)	H ₆₆₄ / H ₆₆₅ (cm)	H ₆₆₆ / H ₆₆₇ (cm)	H ₆₆₈ / H ₆₆₉ (cm)	H ₆₇₀ / H ₆₇₁ (cm)	H ₆₇₂ / H ₆₇₃ (cm)	H ₆₇₄ / H ₆₇₅ (cm)	H ₆₇₆ / H ₆₇₇ (cm)	H ₆₇₈ / H ₆₇₉ (cm)	H ₆₈₀ / H ₆₈₁ (cm)	H ₆₈₂ / H ₆₈₃ (cm)	H ₆₈₄ / H ₆₈₅ (cm)	H ₆₈₆ / H ₆₈₇ (cm)	H ₆₈₈ / H ₆₈₉ (cm)	H ₆₉₀ / H ₆₉₁ (cm)	H ₆₉₂ / H ₆₉₃ (cm)	H ₆₉₄ / H ₆₉₅ (cm)	H ₆₉₆ / H ₆₉₇ (cm)	H ₆₉₈ / H ₆₉₉ (cm)	H ₇₀₀ / H ₇₀₁ (cm)	H ₇₀₂ / H ₇₀₃ (cm)	H ₇₀₄ / H ₇₀₅ (cm)	H ₇₀₆ / H ₇₀₇ (cm)	H ₇₀₈ / H ₇₀₉ (cm)	H ₇₁₀ / H ₇₁₁ (cm)	H ₇₁₂ / H ₇₁₃ (cm)	H ₇₁₄ / H ₇₁₅ (cm)	H ₇₁₆ / H ₇₁₇ (cm)	H ₇₁₈ / H ₇₁₉ (cm)	H ₇₂₀ / H ₇₂₁ (cm)	H ₇₂₂ / H ₇₂₃ (cm)	H ₇₂₄ / H ₇₂₅ (cm)	H ₇₂₆ / H ₇₂₇ (cm)	H ₇₂₈ / H ₇₂₉ (cm)	H ₇₃₀ / H ₇₃₁ (cm)	H ₇₃₂ / H ₇₃₃ (cm)	H ₇₃₄ / H ₇₃₅ (cm)	H ₇₃₆ / H ₇₃₇ (cm)	H ₇₃₈ / H ₇₃₉ (cm)	H ₇₄₀ / H ₇₄₁ (cm)	H ₇₄₂ / H ₇₄₃ (cm)	H ₇₄₄ / H ₇₄₅ (cm)	H ₇₄₆ / H ₇₄₇ (cm)	H ₇₄₈ / H ₇₄₉
------	-------	-----------	-----------	--------------------	--------------------	-------	--	----------	--	-------------	----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-------------------------------------