

E T A B S / C O N K E R

Concrete Frame Design Processor for ETABS

Version 6.20

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12 Oct 2022 09:19:19

ETABS_FILE:3F110.PST/CONKER_FILE:C10.CNK

FILE : DESCON FOR 3F BUILDING FILE : SHEDC
 MOMENT RESISTING CONCRETE FRAME UNITS : KG-M-S

DESIGN CODE TYPE-----	2 (ACI 318-89)
NUMBER OF FRAMES TO BE DESIGNED/CHECKED----	1
NUMBER OF LOAD COMBINATIONS-----	34
ETABS DEAD LOAD CONDITION NUMBER-----	1
ETABS LIVE LOAD CONDITION NUMBER-----	2
NUMBER OF REDEFINED MATERIAL PROPERTIES----	0
NUMBER OF COLUMN DESIGN PROPERTY SETS-----	0
NUMBER OF BEAM DESIGN PROPERTY SETS-----	0
NUMBER OF CURVES PER INTERACTION VOLUME----	11
NUMBER OF POINTS PER INTERACTION CURVE-----	21
CODE FOR PRINTING INTERACTION CURVES-----	0
CODE FOR UNITY PHI FACTOR OVER RIDE-----	0
TYPE OF UNITS (ENGLISH, MKS OR SI)-----	M
EXECUTION MODE-----	0
FLAG FOR MAP OF BEAM FLEXURAL STEEL-----	1
FLAG FOR MAP OF BEAM SHEAR STEEL-----	1
FLAG FOR MAP OF COLUMN DESIGN/CHECK-----	1
FLAG FOR MAP OF COLUMN SHEAR STEEL-----	1
FLAG FOR MAP OF JOINT SHEAR STRESS RATIOS--	1
FLAG FOR MAP OF B/C MOMENT CAPACITY RATIOS-	1

FILE : DESCON FOR 3F BUILDING

FILE : SHEDC

MOMENT RESISTING CONCRETE FRAME

UNITS : KG-M-S

DESIGN LOADING COMBINATION DATA

LOAD TYPE		I	II	III	A	B	C	D1	D2
1	0	1.200	1.600	0.000	0.000	0.000	0.000	0.000	0.000
2	0	1.200	1.000	0.300	1.000	0.000	0.000	0.000	0.000
3	0	1.200	1.000	0.300	0.000	1.000	0.000	0.000	0.000
4	0	1.200	1.000	0.300	-1.000	0.000	0.000	0.000	0.000
5	0	1.200	1.000	0.300	0.000	-1.000	0.000	0.000	0.000
6	0	1.200	1.000	1.000	0.300	0.000	0.000	0.000	0.000
7	0	1.200	1.000	1.000	0.000	0.300	0.000	0.000	0.000
8	0	1.200	1.000	1.000	-0.300	0.000	0.000	0.000	0.000
9	0	1.200	1.000	1.000	0.000	-0.300	0.000	0.000	0.000
10	0	1.200	1.000	-0.300	1.000	0.000	0.000	0.000	0.000
11	0	1.200	1.000	-0.300	0.000	1.000	0.000	0.000	0.000
12	0	1.200	1.000	-0.300	-1.000	0.000	0.000	0.000	0.000
13	0	1.200	1.000	-0.300	0.000	-1.000	0.000	0.000	0.000
14	0	1.200	1.000	-1.000	0.300	0.000	0.000	0.000	0.000
15	0	1.200	1.000	-1.000	0.000	0.300	0.000	0.000	0.000
16	0	1.200	1.000	-1.000	-0.300	0.000	0.000	0.000	0.000
17	0	1.200	1.000	-1.000	0.000	-0.300	0.000	0.000	0.000
18	0	0.900	0.000	0.300	1.000	0.000	0.000	0.000	0.000
19	0	0.900	0.000	0.300	0.000	1.000	0.000	0.000	0.000
20	0	0.900	0.000	1.000	0.300	0.000	0.000	0.000	0.000
21	0	0.900	0.000	1.000	0.000	0.300	0.000	0.000	0.000
22	0	0.900	0.000	0.300	-1.000	0.000	0.000	0.000	0.000
23	0	0.900	0.000	0.300	0.000	-1.000	0.000	0.000	0.000
24	0	0.900	0.000	1.000	-0.300	0.000	0.000	0.000	0.000
25	0	0.900	0.000	1.000	0.000	-0.300	0.000	0.000	0.000
26	0	0.900	0.000	-0.300	1.000	0.000	0.000	0.000	0.000
27	0	0.900	0.000	-0.300	0.000	1.000	0.000	0.000	0.000
28	0	0.900	0.000	-1.000	0.300	0.000	0.000	0.000	0.000
29	0	0.900	0.000	-1.000	0.000	0.300	0.000	0.000	0.000

ETABS_FILE:3F110.PST/CONKER_FILE:C10.CNK

FILE : DESCON FOR 3F BUILDING
MOMENT RESISTING CONCRETE FRAME

FILE : SHEDC
UNITS : KG-M-S

MATERIAL PROPERTIES

ID	TYPE	ELASTIC MODULUS {Kg/sqm}	POISSONS RATIO	UNIT WEIGHT {Kg/cum}	UNIT MASS	COEFF OF EXPANSION
1	C	0.2600E+10	0.2000	0.2400E+04	0.2446E+03	0.1000E-04
2	C	0.2600E+10	0.2000	0.2400E+04	0.2446E+03	0.1000E-04
3	M	0.2100E+10	0.1670	0.2400E+04	0.2446E+03	0.1000E-04

MATERIAL PROPERTIES FOR DESIGN

ID	TYPE	YIELD	STRENGTH	YIELD	STRENGTH	ALLOWABLES	
		FY {Kg/sqm}	FC(FM) {Kg/sqm}	FYS {Kg/sqm}	FCS(FMS) {Kg/sqm}	FBMAJ {Kg/sqm}	FBMIN {Kg/sqm}
1	C	0.420E+08	0.280E+07	0.280E+08	0.280E+07		
2	C	0.280E+08	0.280E+07	0.280E+08	0.280E+07		
3	M	0.000E+00	0.500E+06	0.000E+00	0.500E+06		

FILE : DESCON FOR 3F BUILDING
MOMENT RESISTING CONCRETE FRAME

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SECTION PROPERTIES FOR COLUMNS

SECT ID	SECTION TYPE	MAT ID	MAJOR DIM {m}	MINOR DIM {m}	CONCRETE COVER {m}	AREA OF BARS 1 {sqm}	AREA OF BARS 2 {sqm}
1	RR	1	0.7000	0.4000	0.04000	0.00000	0.00000

FILE : DESCON FOR 3F BUILDING

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MOMENT RESISTING CONCRETE FRAME

UNITS : KG-M-S

SECTION PROPERTIES FOR BEAMS

SECT ID	SECT TYPE	MAT ID	DEPTH BELOW {m}	DEPTH ABOVE {m}	BEAM WIDTH {m}	SLAB THICK {m}	SLAB WIDTH {m}	TOP COVER {m}	BOTTOM COVER {m}
1	RCB	1	0.6000	0.0000	0.3500	0.0000	0.0000	0.06000	0.06000

FILE : DESCON FOR 3F BUILDING

FILE : SHEDC

MOMENT RESISTING CONCRETE FRAME

UNITS : KG-M-S

SECTION PROPERTIES FOR BEAMS

SECT	TOP STEEL	BOT STEEL	TOP STEEL	BOT STEEL
ID	END-I	END-I	END-J	END-J
	{ sqm}	{ sqm}	{ sqm}	{ sqm}
1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00

FILE : DESCON FOR 3F BUILDING
MOMENT RESISTING CONCRETE FRAME

FILE : SHEDC
UNITS : KG-M-S

FRAME NUMBER----- 1

FRAMING TYPE----- 1 (SEISMIC)

COLUMN PROPERTY REASSIGNMENT FLAG----- 0

BEAM PROPERTY REASSIGNMENT FLAG----- 0

YIELD OVERSTRENGTH FACTOR----- 1.25

FRAME ID NUMBER----- 1

NUMBER OF STORY LEVELS----- 4

NUMBER OF COLUMN LINES----- 4

NUMBER OF BAYS----- 4

NUMBER OF BRACING ELEMENTS----- 0

NUMBER OF PANEL ELEMENTS----- 0

NUMBER OF COLUMN LATERAL LOAD PATTERNS----- 0

NUMBER OF BEAM SPAN LOAD PATTERNS----- 0

MAXIMUM NUMBER OF LOADS PER BEAM SPAN----- 4

ETABS_FILE:3F110.PST/CONKER_FILE:C10.CNK

FILE : DESCON FOR 3F BUILDING FILE : SHEDC
 MOMENT RESISTING CONCRETE FRAME UNITS : KG-M-S

DESIGN OF BEAM ELEMENTS (ACI 318-89)

FRAME ID /REINFORCEMENT CONCRETE FRAME

LEVEL ID RF

BAY ID	BEAM SIZE WIDTH X DEPTH {m} {m}	STRESS POINT	/-FACTORED -MOMENT {T-m}	LOADS & +MOMENT {T-m}	COMBOS-//--REQUIRED SHEAR M{top} M{bot} V {/m} {T} {sqcm} {sqcm} {sqcm}	REBAR--/ M{top} M{bot} V {/m} {sqcm} {sqcm} {sqcm}
1	0.35 X 0.60	END I	22 < 4>	12 <26>	14 < 5>	11.58 6.33 10.86
		1/4-PT	6 <30>	11 < 2>	12 < 9>	6.33 6.33 9.39
		MIDDLE	6 < 0>	8 < 9>	7 <33>	6.33 6.33 5.56
		3/4-PT	6 <26>	11 < 4>	12 < 9>	6.33 6.33 9.39
		END J	22 < 2>	12 <30>	14 < 5>	11.58 6.33 10.86
2	0.35 X 0.60	END I	21 < 4>	11 <26>	14 < 5>	11.03 6.33 10.70
		1/4-PT	6 <30>	10 < 2>	12 < 9>	6.33 6.33 9.24
		MIDDLE	5 < 0>	8 < 9>	7 < 2>	6.33 6.33 5.40
		3/4-PT	6 <26>	10 < 4>	12 < 9>	6.33 6.33 9.24
		END J	21 < 2>	11 <30>	14 < 5>	11.03 6.33 10.70
3	0.35 X 0.60	END I	22 < 5>	12 <27>	15 < 6>	11.45 6.33 11.36
		1/4-PT	7 <31>	9 < 3>	12 < 6>	6.33 6.33 9.48
		MIDDLE	6 < 0>	5 < 9>	8 <33>	6.33 6.33 6.02
		3/4-PT	7 <27>	9 < 5>	12 < 6>	6.33 6.33 9.48
		END J	22 < 3>	12 <31>	15 < 6>	11.45 6.33 11.36
4	0.35 X 0.60	END I	24 < 5>	14 <27>	15 < 6>	12.33 6.91 11.82
		1/4-PT	8 <31>	10 < 3>	13 < 9>	6.33 6.33 9.95
		MIDDLE	6 < 0>	5 < 9>	8 < 2>	6.33 6.33 6.48
		3/4-PT	8 <27>	10 < 5>	13 < 9>	6.33 6.33 9.95
		END J	24 < 3>	14 <31>	15 < 6>	12.33 6.91 11.82

ETABS_FILE:3F110.PST/CONKER_FILE:C10.CNK

FILE : DESCON FOR 3F BUILDING FILE : SHEDC
 MOMENT RESISTING CONCRETE FRAME UNITS : KG-M-S

DESIGN OF BEAM ELEMENTS (ACI 318-89)

FRAME ID /REINFORCEMENT CONCRETE FRAME

LEVEL ID 3F

BAY ID	BEAM SIZE WIDTH X DEPTH {m} {m}	STRESS POINT	/-FACTORED -MOMENT {T-m}	LOADS & +MOMENT {T-m}	COMBOS-//--REQUIRED SHEAR M{top} M{bot} V {/m} {T} {sqcm} {sqcm} {sqcm}	REBAR--/ M{top} M{bot} V {/m} {sqcm} {sqcm} {sqcm}
1	0.35 X 0.60	END I	42 < 4>	21 <26>	24 < 9>	22.93 10.93 18.62
		1/4-PT	13 <30>	17 < 2>	20 < 6>	6.50 8.71 15.86
		MIDDLE	10 < 0>	10 < 9>	13 <33>	6.33 6.33 9.91
		3/4-PT	13 <26>	17 < 4>	20 < 6>	6.50 8.71 15.86
		END J	42 < 2>	21 <30>	24 < 9>	22.93 10.93 18.62
2	0.35 X 0.60	END I	40 < 4>	20 < 0>	23 < 6>	21.72 10.25 18.13
		1/4-PT	12 <30>	16 < 2>	20 < 6>	6.33 8.19 15.37
		MIDDLE	10 < 0>	10 < 9>	12 < 2>	6.33 6.33 9.42
		3/4-PT	12 <26>	16 < 4>	20 < 6>	6.33 8.19 15.37
		END J	40 < 2>	20 < 0>	23 < 6>	21.72 10.25 18.13
3	0.35 X 0.60	END I	36 < 5>	18 < 0>	22 < 6>	19.49 9.26 17.39
		1/4-PT	11 <31>	14 < 3>	19 < 9>	6.33 7.16 14.71
		MIDDLE	9 < 0>	8 < 9>	12 <33>	6.33 6.33 9.33
		3/4-PT	11 <27>	14 < 5>	19 < 9>	6.33 7.16 14.71
		END J	36 < 3>	18 < 0>	22 < 6>	19.49 9.26 17.39
4	0.35 X 0.60	END I	39 < 5>	21 <27>	23 < 6>	21.07 10.66 18.26
		1/4-PT	13 <31>	15 < 3>	20 < 6>	6.42 7.85 15.58
		MIDDLE	10 < 0>	8 < 9>	13 < 2>	6.33 6.33 10.21
		3/4-PT	13 <27>	15 < 5>	20 < 6>	6.42 7.85 15.58
		END J	39 < 3>	21 <31>	23 < 6>	21.07 10.66 18.26

FILE : DESCON FOR 3F BUILDING FILE : SHEDC
 MOMENT RESISTING CONCRETE FRAME UNITS : KG-M-S

DESIGN OF BEAM ELEMENTS (ACI 318-89)

FRAME ID /REINFORCEMENT CONCRETE FRAME

LEVEL ID 2F

BAY ID	BEAM SIZE WIDTH X DEPTH {m} {m}	STRESS POINT	/-FACTORED -MOMENT {T-m}	LOADS & +MOMENT {T-m}	COMBOS-//--REQUIRED SHEAR M{top} M{bot} V {/m} {T} {sqcm} {sqcm} {sqcm}	REBAR--/ M{top} M{bot} V {/m} {sqcm} {sqcm} {sqcm}
1	0.35 X 0.60	END I	49 < 4>	29 <26>	27 < 9>	27.68 15.44 20.98
		1/4-PT	17 <30>	21 < 2>	23 < 6>	8.45 11.08 18.22
		MIDDLE	12 < 0>	10 < 9>	16 < 2>	6.33 6.33 12.27
		3/4-PT	17 <26>	21 < 4>	23 < 6>	8.45 11.08 18.22
		END J	49 < 2>	29 <30>	27 < 9>	27.68 15.44 20.98
2	0.35 X 0.60	END I	47 < 4>	27 <26>	26 < 6>	26.14 14.10 20.27
		1/4-PT	15 <30>	20 < 2>	22 < 9>	7.83 10.44 17.50
		MIDDLE	12 < 0>	10 < 9>	15 <33>	6.33 6.33 11.55
		3/4-PT	15 <26>	20 < 4>	22 < 9>	7.83 10.44 17.50
		END J	47 < 2>	27 <30>	26 < 6>	26.14 14.10 20.27
3	0.35 X 0.60	END I	42 < 5>	24 <27>	25 < 6>	22.81 12.37 19.26
		1/4-PT	14 <31>	17 < 3>	21 < 6>	7.17 8.75 16.58
		MIDDLE	10 < 0>	8 < 9>	14 < 2>	6.33 6.33 11.21
		3/4-PT	14 <27>	17 < 5>	21 < 6>	7.17 8.75 16.58
		END J	42 < 3>	24 <31>	25 < 6>	22.81 12.37 19.26
4	0.35 X 0.60	END I	45 < 5>	27 <27>	26 < 6>	24.91 14.23 20.37
		1/4-PT	16 <31>	19 < 3>	23 < 6>	8.05 9.65 17.69
		MIDDLE	11 < 0>	8 < 9>	16 < 2>	6.33 6.33 12.32
		3/4-PT	16 <27>	19 < 5>	23 < 6>	8.05 9.65 17.69
		END J	45 < 3>	27 <31>	26 < 6>	24.91 14.23 20.37

FILE : DESCON FOR 3F BUILDING FILE : SHEDC
 MOMENT RESISTING CONCRETE FRAME UNITS : KG-M-S

DESIGN OF BEAM ELEMENTS (ACI 318-89)

FRAME ID /REINFORCEMENT CONCRETE FRAME

LEVEL ID 1F

BAY ID	BEAM SIZE WIDTH X DEPTH {m} {m}	STRESS POINT	/-FACTORED -MOMENT {T-m}	LOADS & +MOMENT {T-m}	COMBOS-//--REQUIRED SHEAR M{top} M{bot} V {/m} {T} {sqcm} {sqcm} {sqcm}	REBAR--/ M{top} M{bot} V {/m} {sqcm} {sqcm} {sqcm}
1	0.35 X 0.60	END I	42 < 4>	30 <26>	20 <17>	22.97 16.09 15.46
		1/4-PT	17 <22>	19 <10>	18 <17>	8.67 9.50 13.97
		MIDDLE	10 < 0>	8 < 0>	15 <33>	6.33 6.33 11.35
		3/4-PT	17 <18>	19 <12>	18 <17>	8.67 9.50 13.97
		END J	42 < 2>	30 <30>	20 <17>	22.97 16.09 15.46
2	0.35 X 0.60	END I	39 < 4>	28 <26>	19 < 2>	21.42 14.66 14.69
		1/4-PT	16 <22>	17 <10>	17 < 2>	8.00 8.82 13.20
		MIDDLE	10 < 0>	7 < 0>	14 < 2>	6.33 6.33 10.58
		3/4-PT	16 <18>	17 <12>	17 < 2>	8.00 8.82 13.20
		END J	39 < 2>	28 <30>	19 < 2>	21.42 14.66 14.69
3	0.35 X 0.60	END I	36 < 5>	26 <27>	19 <17>	19.51 13.87 14.56
		1/4-PT	15 <23>	16 <11>	17 <17>	7.51 8.16 13.15
		MIDDLE	9 < 0>	7 < 0>	14 < 2>	6.33 6.33 10.77
		3/4-PT	15 <19>	16 <13>	17 <17>	7.51 8.16 13.15
		END J	36 < 3>	26 <31>	19 <17>	19.51 13.87 14.56
4	0.35 X 0.60	END I	39 < 5>	30 <27>	20 <17>	21.42 15.67 15.62
		1/4-PT	16 <23>	18 <11>	18 < 2>	8.35 9.00 14.20
		MIDDLE	10 < 0>	7 < 0>	15 < 2>	6.33 6.33 11.83
		3/4-PT	16 <19>	18 <13>	18 < 2>	8.35 9.00 14.20
		END J	39 < 3>	30 <31>	20 <17>	21.42 15.67 15.62

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FILE : DESCON FOR 3F BUILDING FILE : SHEDC
 MOMENT RESISTING CONCRETE FRAME UNITS : KG-M-S

DESIGN OF COLUMN ELEMENTS (ACI 318-89)

FRAME ID /REINFORCEMENT CONCRETE FRAME

LEVEL ID RF

COL ID	COLUMN MAJOR {m}	SIZE X MINOR {m}	STR PT	/-----MOMENT INTERACTION-----/ PU {T}	MMAJ {T-m}	MMIN {T-m}	COMBO REBAR {sqcm}	/-----SHEAR DESIGN-----/ DIRN	VU {T}	COMBO A {/m}	{/m}
1	0.70	X 0.40	RR					MAJOR	13	< 0>	8.81
								MINOR	14	< 0>	17.39
				TOP	3	0	26	< 0>	43.38		
				BOT	3	0	28	< 0>	46.21		
2	0.70	X 0.40	RR					MAJOR	14	< 0>	9.42
								MINOR	14	< 0>	17.39
				TOP	2	0	26	< 0>	43.43		
				BOT	2	0	28	< 0>	46.25		
3	0.70	X 0.40	RR					MAJOR	13	< 0>	8.81
								MINOR	14	< 0>	16.61
				TOP	3	0	25	< 0>	41.26		
				BOT	3	0	27	< 0>	43.90		
4	0.70	X 0.40	RR					MAJOR	14	< 0>	9.42
								MINOR	14	< 0>	16.61
				TOP	2	0	25	< 0>	41.31		
				BOT	2	0	27	< 0>	43.95		

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DESIGN OF COLUMN ELEMENTS (ACI 318-89)

FRAME ID /REINFORCEMENT CONCRETE FRAME

LEVEL ID 3F

COL ID	COLUMN MAJOR {m}	COLUMN X MINOR {m}	STR PT	/-----MOMENT INTERACTION-----/ PU {T}	MMAJ {T-m}	MMIN {T-m}	COMBO REBAR {sqcm}	/-----SHEAR DESIGN-----/ DIRN	VU {T}	COMBO A {/m}	{/m}	
1	0.70	X 0.40	RR					MAJOR	14	< 0>	9.54	
								MINOR	17	< 0>	20.34	
				TOP	9	0	21	< 0>	32.87			
				BOT	9	0	28	< 0>	44.37			
2	0.70	X 0.40	RR					MAJOR	16	< 0>	10.24	
								MINOR	17	< 0>	20.34	
				TOP	9	0	21	< 0>	32.96			
				BOT	9	0	28	< 0>	44.47			
3	0.70	X 0.40	RR					MAJOR	14	< 0>	9.54	
								MINOR	16	< 0>	19.42	
				TOP	9	0	20	< 0>	31.10			
				BOT	9	0	26	< 0>	41.90			
4	0.70	X 0.40	RR					MAJOR	16	< 0>	10.24	
								MINOR	16	< 0>	19.42	
				TOP	9	0	20	< 0>	31.20			
				BOT	9	0	26	< 0>	42.01			

FILE : DESCON FOR 3F BUILDING FILE : SHEDC
 MOMENT RESISTING CONCRETE FRAME UNITS : KG-M-S

DESIGN OF COLUMN ELEMENTS (ACI 318-89)

FRAME ID /REINFORCEMENT CONCRETE FRAME

LEVEL ID 2F

COL ID	COLUMN MAJOR {m}	SIZE X MINOR {m}	STR PT	/-----MOMENT INTERACTION-----/ PU {T}	MMAJ {T-m}	MMIN {T-m}	COMBO REBAR {sqcm}	/-----SHEAR DESIGN-----/ DIRN	VU {T}	COMBO A {/m}	{/m}
1	0.70	X 0.40	RR					MAJOR	16	< 0>	10.61
								MINOR	19	< 0>	22.62
				TOP	13	0	30	< 0>	48.32		
				BOT	13	0	29	< 0>	46.36		
2	0.70	X 0.40	RR					MAJOR	18	< 0>	11.47
								MINOR	19	< 0>	22.62
				TOP	13	0	30	< 0>	48.49		
				BOT	13	0	29	< 0>	46.54		
3	0.70	X 0.40	RR					MAJOR	16	< 0>	10.61
								MINOR	18	< 0>	21.45
				TOP	13	0	29	< 0>	45.56		
				BOT	13	0	28	< 0>	42.99		
4	0.70	X 0.40	RR					MAJOR	18	< 0>	11.47
								MINOR	18	< 0>	21.45
				TOP	13	0	29	< 0>	45.74		
				BOT	13	0	28	< 0>	43.20		

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DESIGN OF COLUMN ELEMENTS (ACI 318-89)

FRAME ID /REINFORCEMENT CONCRETE FRAME

LEVEL ID 1F

COL ID	COLUMN MAJOR {m}	SIZE X MINOR {m}	STR PT	/-----MOMENT PU {T}	INTERACTION MMAJ {T-m}	-----/ MMIN {T-m}	COMBO REBAR {sqcm}	/-----SHEAR DIRN	DESIGN VU {T}	-----/ COMBO A {/m}	-----/ {sqcm}
1	0.70	X 0.40	RR					MAJOR	16	< 0>	10.58
								MINOR	19	< 0>	22.31
				TOP	12	0	20	< 0>	30.07		
				BOT	75	2	2	<34>	28.00		
2	0.70	X 0.40	RR					MAJOR	18	< 0>	11.47
								MINOR	19	< 0>	22.31
				TOP	11	0	20	< 0>	30.28		
				BOT	75	2	2	<34>	28.00		
3	0.70	X 0.40	RR					MAJOR	16	< 0>	10.58
								MINOR	18	< 0>	21.02
				TOP	75	2	2	<34>	28.00		
				BOT	75	2	2	<34>	28.00		
4	0.70	X 0.40	RR					MAJOR	18	< 0>	11.47
								MINOR	18	< 0>	21.02
				TOP	11	0	19	< 0>	28.18		
				BOT	75	2	2	<34>	28.00		