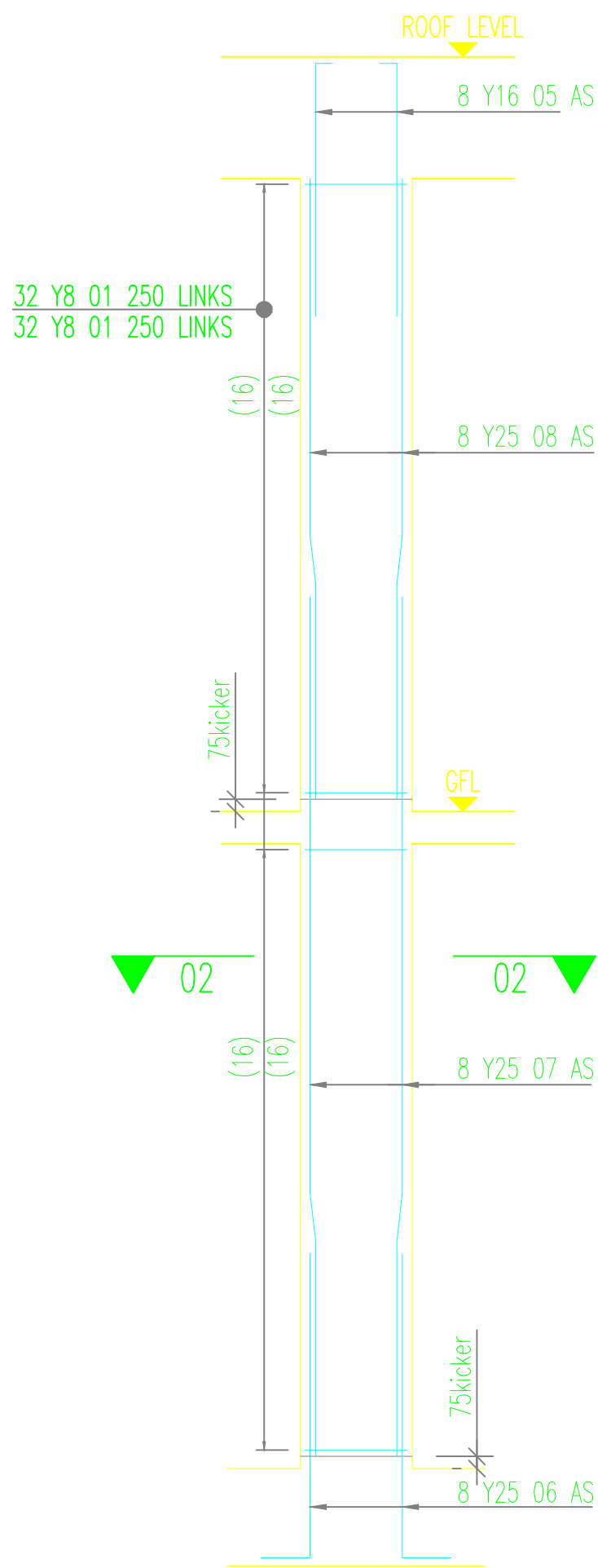
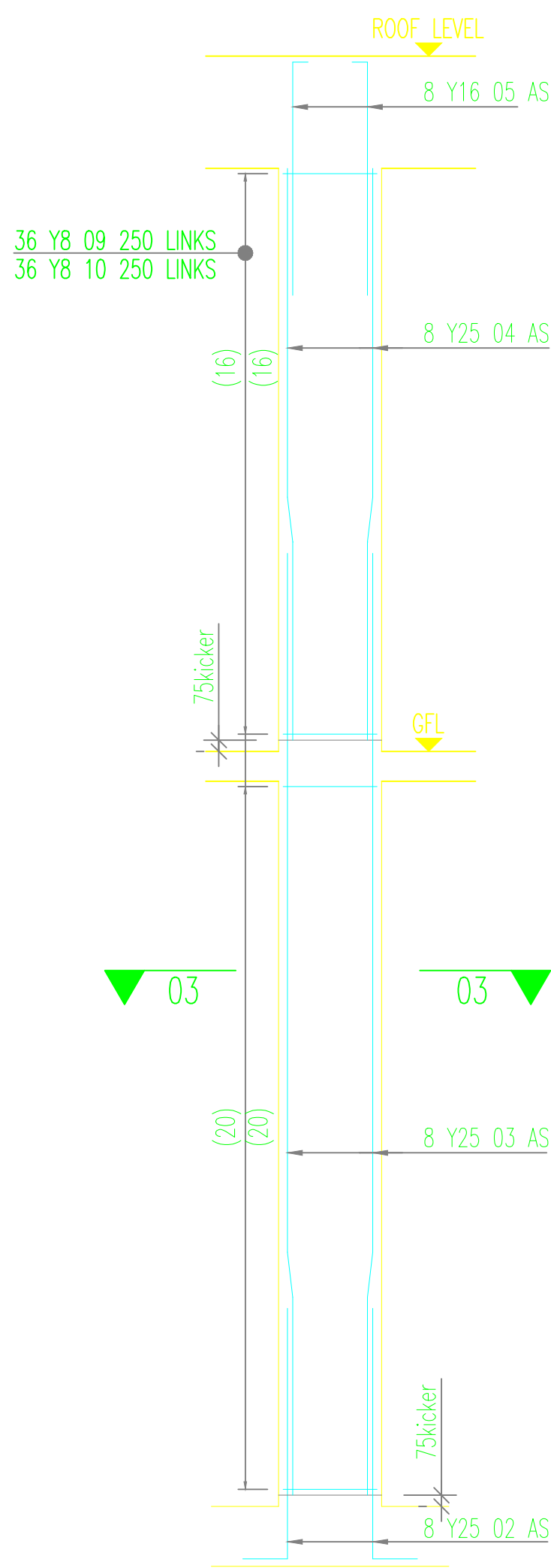


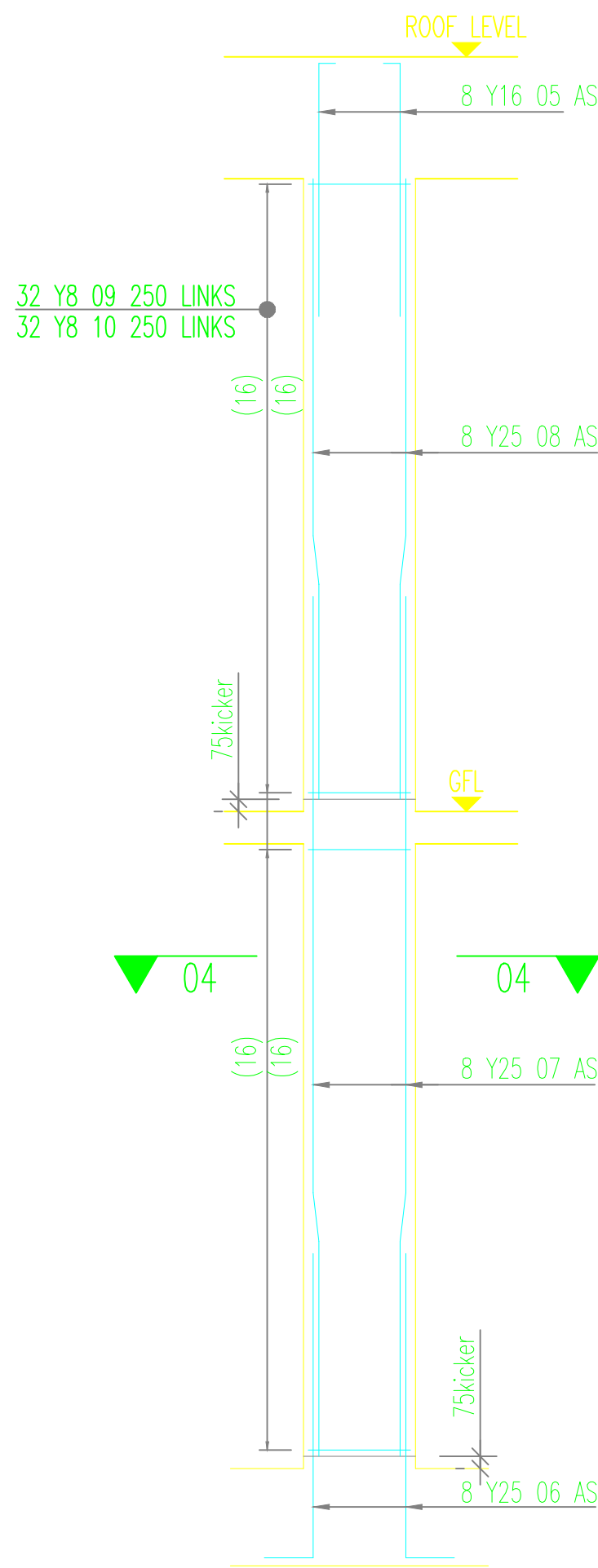
COLUMN TYPE C1  
(@ GL (1/B & 3/B))  
2No. THUS



COLUMN TYPE C1  
(@ GL (1/D & 3/D))  
2No. THUS

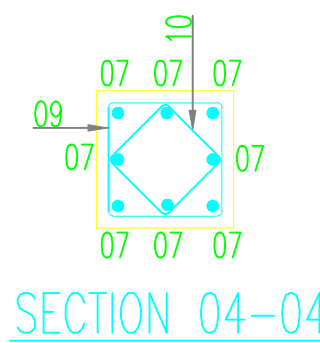
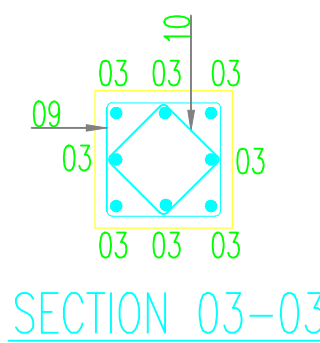
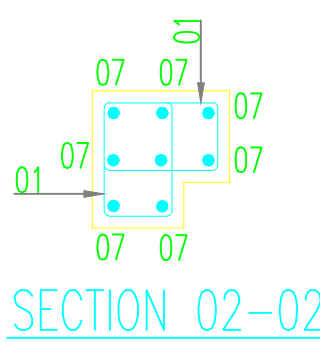
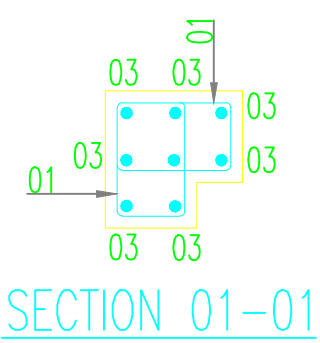


COLUMN TYPE C2  
(@ GL (2/B))  
1No. THUS



COLUMN TYPE C2  
(@ GL (2/D))  
1No. THUS

Member	Bar Mark	Type and size	No. of mbrs.	No. of bars in each	Total no.	Length of each bar ↑ mm	shape code	Bending dimensions					Rev. Ltrr.
								A* mm	B* mm	C* mm	D* mm	E/R* mm	
COLUMN C1 @ (1/B & 3/B) 2No. THUS	01	Y 8	2	72	144	1025	61	170	285				
	02	Y 25	2	8	16	1950	37	300	(1725)				
	03	Y 25	2	8	16	6300	41	1325	300	(4675)	55		
	04	Y 25	2	8	16	3825	41	1325	300	(2200)	55		
	05	Y 16	2	8	16	1500	37	200	(1350)				
COLUMN C1 @ (1/D & 3/D) 2No. THUS	01	Y 8	2	64	128	1025	61	170	285				
	05	Y 16	2	8	16	1500	37	200	(1350)				
	06	Y 25	2	8	16	2100	37	300	(1875)				
	07	Y 25	2	8	16	5300	41	1325	300	(3675)	55		
	08	Y 25	2	8	16	3775	41	1325	300	(2150)	55		
COLUMN C2 @ (2/B) 1No. THUS	02	Y 25	1	8	8	1950	37	300	(1725)				
	03	Y 25	1	8	8	6300	41	1325	300	(4675)	55		
	04	Y 25	1	8	8	3825	41	1325	300	(2200)	55		
	05	Y 16	1	8	8	1500	37	200	(1350)				
	09	Y 8	1	36	36	1475	61	340	340				
	10	Y 8	1	36	36	1075	61	240	240				
COLUMN C2 @ (2/D) 1No. THUS	05	Y 16	1	8	8	1500	37	200	(1350)				
	06	Y 25	1	8	8	2100	37	300	(1875)				
	07	Y 25	1	8	8	5300	41	1325	300	(3675)	55		
	08	Y 25	1	8	8	3775	41	1325	300	(2150)	55		
	09	Y 8	1	32	32	1475	61	340	340				
	10	Y 8	1	32	32	1075	61	240	240				



## NOTES

### GENERAL

1. All construction and erection done on site should conform to the laid standards of construction
2. The Engineer and/or client reserves the right to instruct the contractor to correct defective work(s)
3. This drawing is to be read in conjunction with all reference drawings

### CONCRETE

1. ALL STRUCTURAL CONCRETE TO BE GRADE WR30 UNLESS OTHERWISE SHOWN.
2. ALL CONCRETE SECTIONS TO HAVE 30mm COVER , UNLESS OTHERWISE SHOWN.
3. MASS CONCRETE INFILL TO BE GRADE 15MPa.
4. MIN 50mm BLINDING (15MPa CONCRETE) TO BE PLACED UNDER ALL BASE SLABS.
5. ALL EXPOSED CORNERS TO HAVE 20mm CHAMFERS WHERE APPROPRIATE.
6. CONSTRUCTION JOINTS SHALL BE SUBJECT TO THE ENGINEER'S APPROVAL.
7. CONCRETE MAY NOT BE CUT OR DEMOLISHED WITHOUT THE APPROVAL OF THE ENGINEER.
8. ABBREVIATIONS  
AS - Alternately staggered.  
MK - Mark (Bar Mark).
9. ALL STEEL AT SUPPORTS TO BE CENTRALLY PLACED ABOUT SUPPORTS UNLESS OTHERWISE NOTED.
10. MINIMUM LAPS TO BE 50Ø OF THE SMALLER BAR.

### REFERENCE DRAWINGS

No.	Drg No.	Title
1		
2		
3		
4		
5		

DATE	DRWN	REV BY	CHKD	APPD	ISSUE
NOV 2018	S.M	F.M	G.K	S.M	S.M



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2018-2021  
ZIMBABWE ASSOCIATION OF ENGINEERS



EOZ

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### PROJECT TITLE

DESIGN OF CIVIL INFRASTRUCTURE  
FOR STRATHMORE HOUSING  
DEVELOPMENT

### DRAWING TITLE

SEWAGE PUMPING STATION  
COLUMNS

### CLIENT



homelink

HOMELINK (PVT) LTD  
Hardwicke House, 72-74  
Samora Machel Ave, P.O.  
Box 628, Causeway,  
HARARE, ZIMBABWE

### SCALE

AS SHOWN

### CLIENT DRAWING No.

S.G/A1040/STR/PS/D001

### MASTER SIZE

A0

### REV

A1