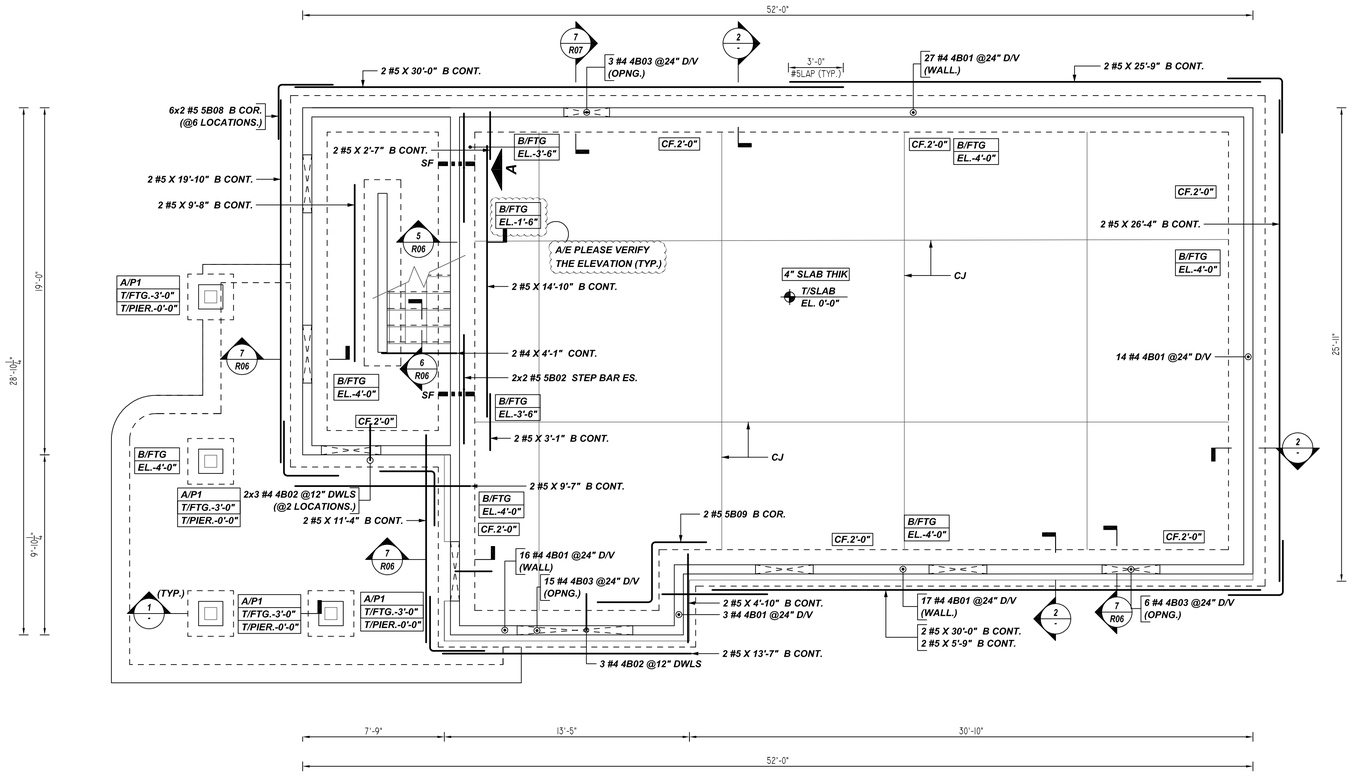
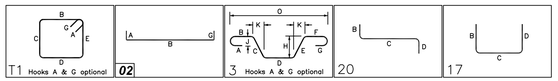


BUILDING-2 WALL FOOTING REINFORCEMENT DETAILS

REF:S1.04
SCALE: 1/4" = 1'-0"

Release Number: R05					BENDING DETAILS											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'W'
3B01	24	#3	4'-0 X	T1	0'-4 X"	0'-10"	0'-10"	0'-10"	0'-10"		0'-4 X"					
4B01	77	#4	4'-3"	2	0'-8"	3'-7"										
4B02	9	#4	3'-0"	3		1'-0"	2'-0"					2'-0"		0'-2 X"	1'-2 X"	
4B03	24	#4	3'-6"	2	0'-8"	2'-10"										
5B02	4	#5	8'-0"	20		3'-0"	2'-0"	3'-0"								
5B08	12	#5	6'-0"	17		3'-0"	3'-0"									
5B09	2	#5	8'-4"	20		3'-0"	3'-4"	3'-0"								
5B12	16	#5	4'-3"	2	0'-10"	3'-5"										



FOOTING SCHEDULE

MARK	QTY	SIZE	GRID LOCATION	REINFORCING	REMARK
A	4	2'-6"X2'-6"X1'-0"	-	4x2x4 #5 X 2'-0" B EW	REFER SECTION-1

PIER SCHEDULE

MARK	QTY	SIZE	GRID LOCATION	VERTS	TIES & ADD'L TIES	REMARK
P1	4	1'-4"X1'-4"	-	4x4 #5 5B12 D/V	4x3 #3 3B01 @3" T TIES 4x3 #3 3B01 @12" TIES	REFER SECTION-1

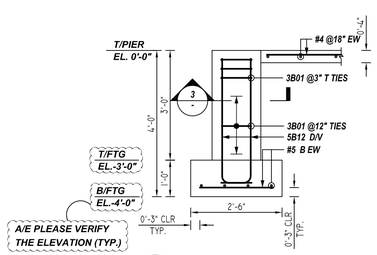
LAP SCHEDULE

3000 PSI (CLASS-B) CASE - 1
Per ACI :318 (12.2.2)

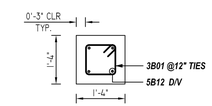
BAR#	LENGTHS	
	TOP	OTHERS
#3	2'-4"	1'-10"
#4	3'-1"	2'-5"
#5	3'-11"	3'-0"
#6	4'-8"	3'-7"
#7	6'-9"	5'-3"
#8	7'-9"	6'-0"
#9	8'-9"	6'-9"
#10	9'-10"	7'-7"
#11	10'-11"	8'-5"

ALL TOP BARS ARE DEFINED AS HORIZ BARS WITH MORE THAN 12" OF CONCRETE BELOW BARS.

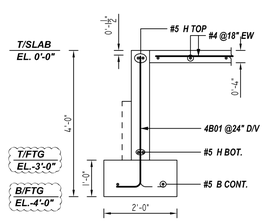
TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
FTG SIDE & BOTTOM	3" CLR
PIER TOP	2" CLR
PIER SIDE	3" CLR



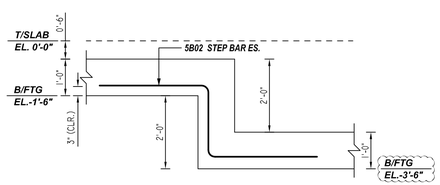
1 SECTION
REF:4/S3.01
SCALE:1/2" = 1'-0"



3 SECTION
REF:4/S3.01
SCALE:1/2" = 1'-0"



2 SECTION
REF:1/S3.01
SCALE:1/2" = 1'-0"



A ELEVATION
REF:2/S2.01
SCALE:1/2" = 1'-0"

A/E PLEASE VERIFY
THE BAR ARRANGEMENTS

REINFORCING STEEL PLACING DRAWING ONLY. USE IN CONJUNCTION WITH CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.
ALL REINFORCING ASTM. A615 GRADE 60

REV. NO.	DATE	DESCRIPTION
0	11/16/22	FOR APPROVAL
	DATE	SENT FOR

FOR APPROVAL

Structure	SPRING VALLEY APARTMENTS
Location	MOLINE, IL
Architect	HOOKER DEJONG INC
Engineer	A.V.SCHWAN & ASSOCIATES
Customer	GOETZ CONCRETE

Made by:	Date:	CONTRACT NO.
MET	11/16/2022	22-02-125

DRAWING COVERS	DRAWING NO.
BUILDING-2 WALL FOOTING REINFORCEMENT DETAILS	R05