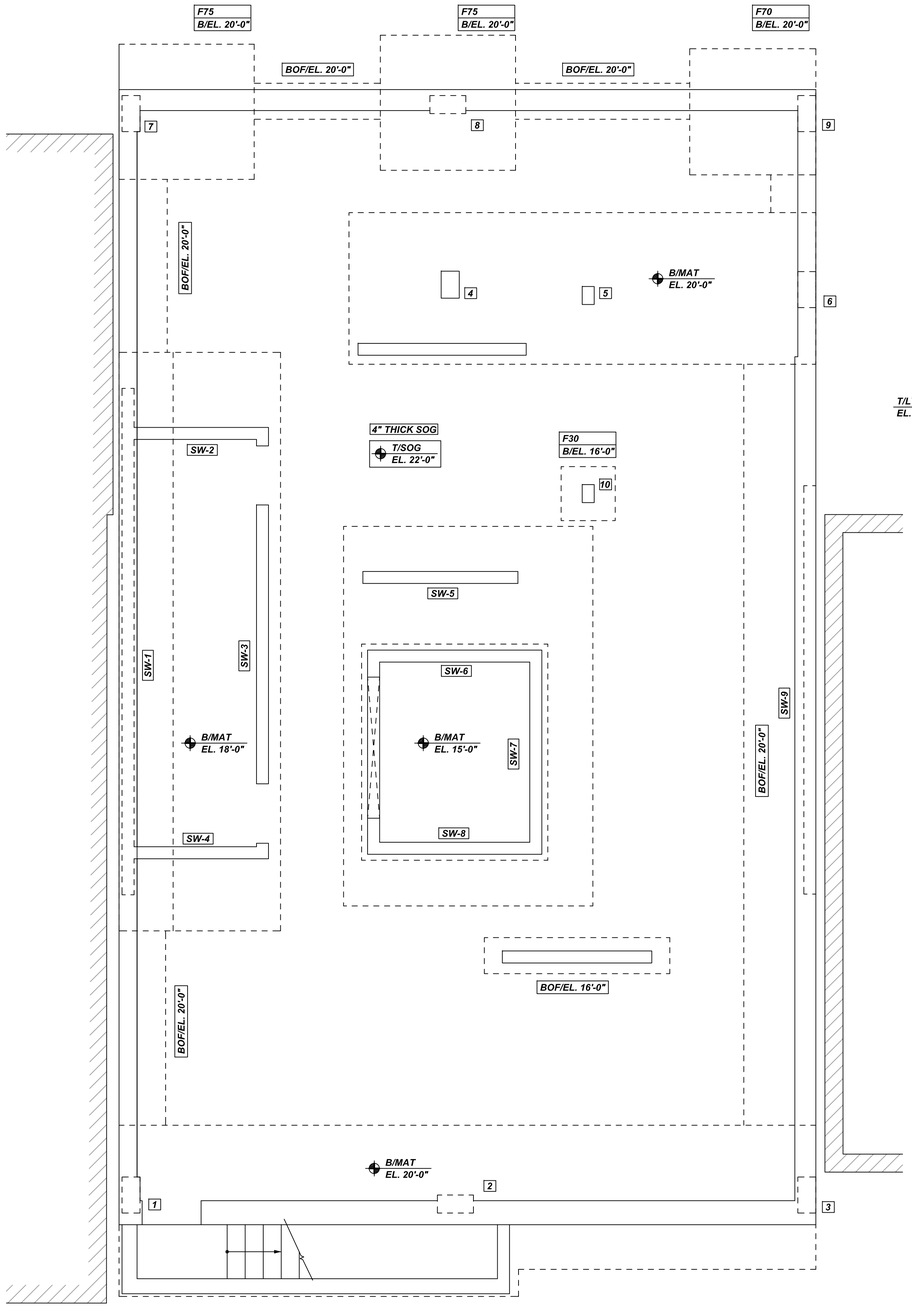
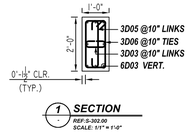
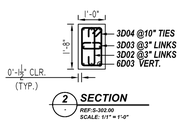
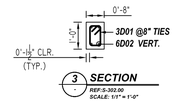




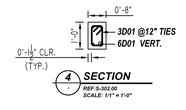
1 SECTION
REF:S-302.00
SCALE: 1/1" = 1'-0"



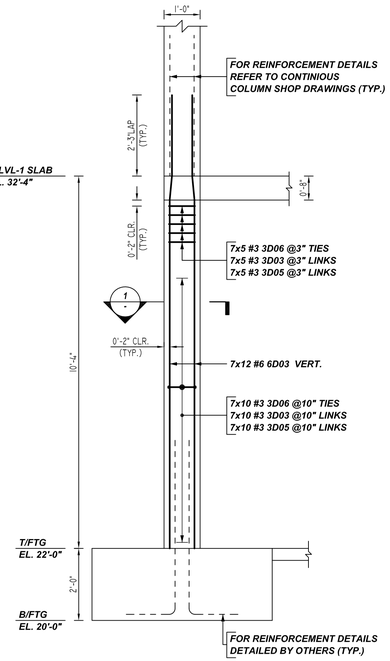
2 SECTION
REF:S-302.00
SCALE: 1/1" = 1'-0"



3 SECTION
REF:S-302.00
SCALE: 1/1" = 1'-0"



4 SECTION
REF:S-302.00
SCALE: 1/1" = 1'-0"

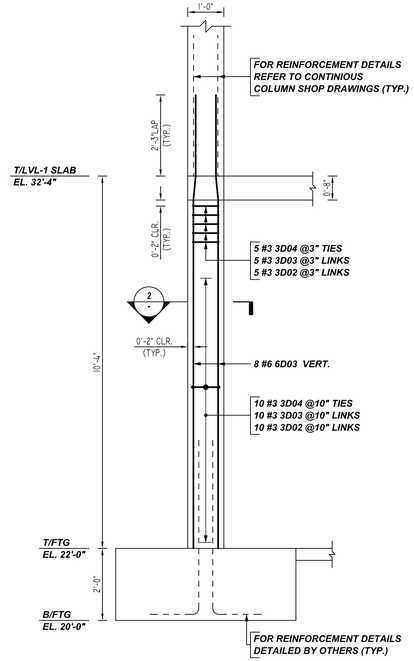


COLUMN SIZE-12" X 24"

COLUMN NUMBER-1,2,3,6,7,8,9

COLUMN

REF:F0.002, F0.003 ,F0-004.00 (07/20/22)
SCALE: 1/2" = 1'-0"
(@ 7 LOCATIONS)

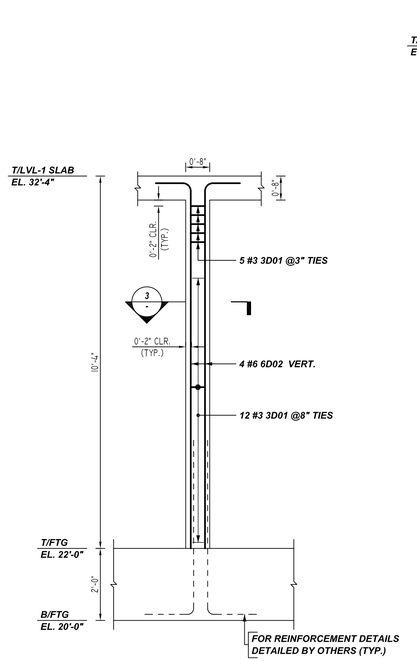


COLUMN SIZE-12" X 18"

COLUMN NUMBER-4

COLUMN

REF:F0.002, F0.003 ,F0-004.00 (07/20/22)
SCALE: 1/2" = 1'-0"

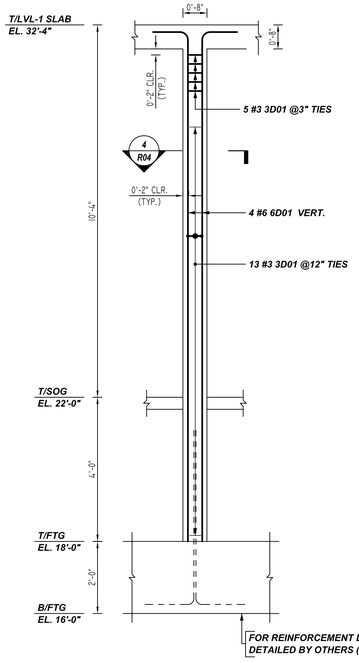


COLUMN SIZE-8" X 12"

COLUMN NUMBER-5

COLUMN

REF:F0.002, F0.003 ,F0-004.00 (07/20/22)
SCALE: 1/2" = 1'-0"



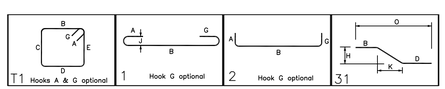
COLUMN SIZE-8" X 12"

COLUMN NUMBER-10

COLUMN

REF:F0.002, F0.003 ,F0-004.00 (07/20/22)
SCALE: 1/2" = 1'-0"

Release Number: R07					BENDING DETAILS												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
3001	35	#3	3'-0 X	T1	0'-4 X	0'-5"	0'-9"	0'-5"	0'-9"		0'-4 X					
3002	15	#3	2'-3"	1	0'-5"	1'-5"					0'-5"		0'-3"			
3003	120	#3	1'-7"	1	0'-5"	0'-9"					0'-5"		0'-3"			
3004	15	#3	5'-0 X	T1	0'-4 X	0'-9"	1'-5"	0'-9"	1'-5"		0'-4 X					
3005	105	#3	2'-7"	1	0'-5"	1'-9"					0'-5"		0'-3"			
3006	105	#3	5'-8 X	T1	0'-4 X	0'-9"	1'-9"	0'-9"	1'-9"		0'-4 X					
6001	4	#6	15'-2"	2	1'-0"	14'-2"										
6002	4	#6	11'-2"	2	1'-0"	10'-2"										
6003	92	#6	12'-6 X	31		5'-8"	0'-7 X	2'-3"				0'-1 X		0'-7 X	12'-6 X	



LAP SCHEDULE

5000 PSI (CLASS-B) CASE - 1
Per ACI :318 (12.2.2)

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

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

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

FOR APPROVAL

CELLAR TO 1ST FLOOR COLUMN REINFORCEMENT DETAILS

REF:F0-004.00 (07/20/22)
SCALE: 1/4" = 1'-0"

GRADE A615/60(UNO)
PREFIX D
BAR LIST NOS.

REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	09/28/2022	APPROVAL

STRUCTURE	COLUMN REINFORCEMENT DETAILS
FLOOR	CELLAR TO 1ST FLOOR (STATION 15'-0" TO 32'-4")
JOB NO	NC220077
CUSTOMER	–
JOB	630 GRAND ST
LOCATION	BROOKLYN, N.Y

DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	09/28/2022	–	R07