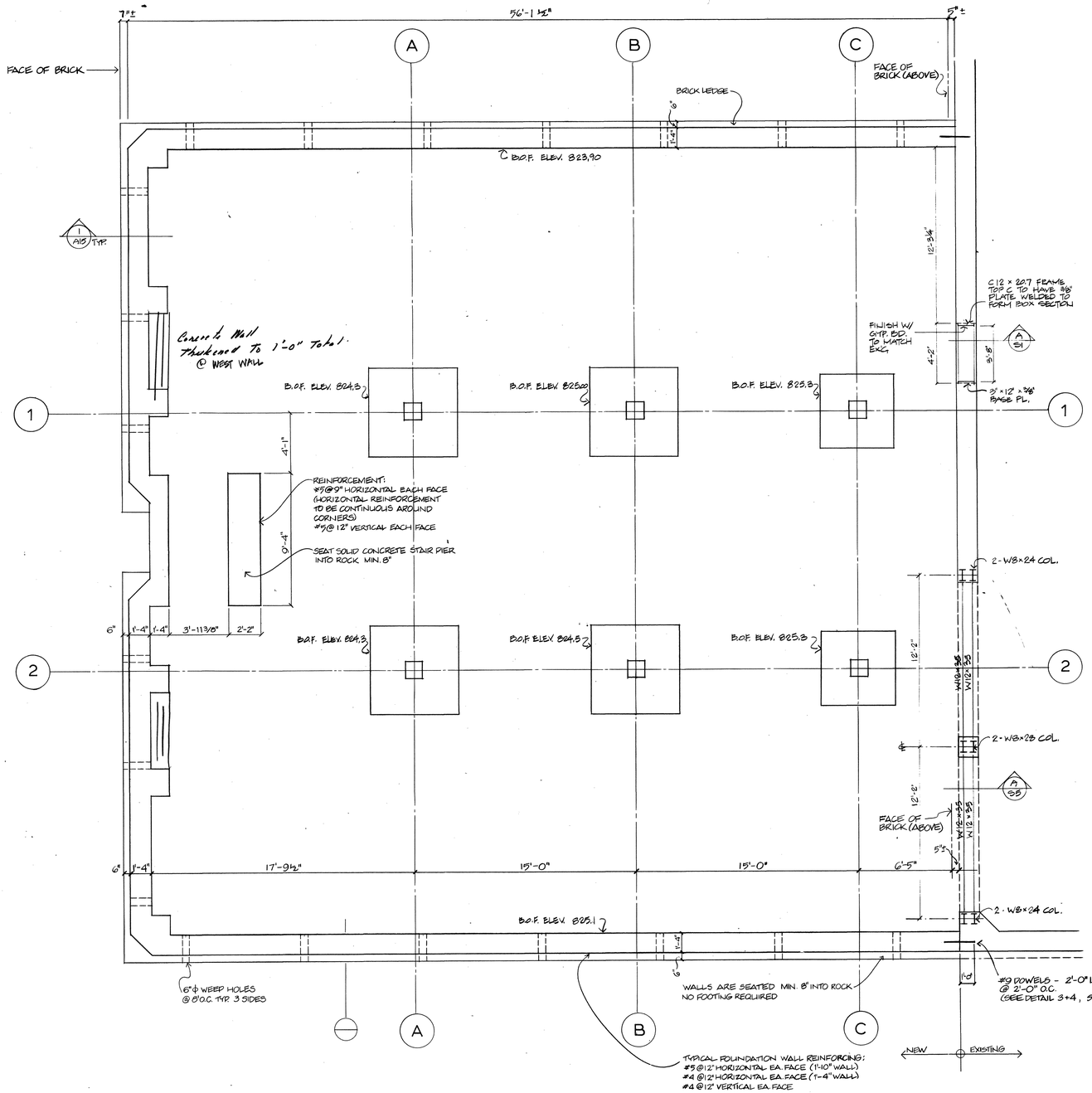
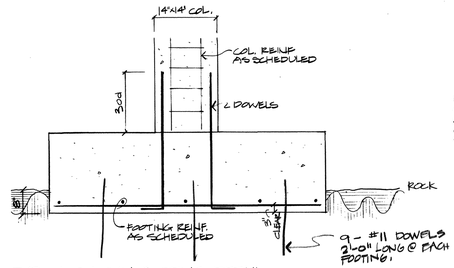


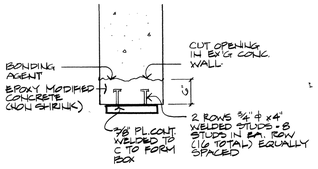
COLUMN SCHEDULE

COLUMN MARK		A-1	C-1				
		A-2	C-2				
		B-1					
		B-2					
ROOF (LEVEL 4)							
	SIZE	14×14	14×14				
	VERTICAL BARS	4-#8	4-#7				
	TIES	#4@12	#4@12				
LEVEL 3	LOAD	240K	240K				
	SIZE	14×14	14×14				
	VERTICAL BARS	4-#9	4-#8				
	TIES	#4@12	#4@12				
LEVEL 2	LOAD	340K	280K				
	SIZE	14×14	14×14				
	VERTICAL BARS	4-#11	4-#9				
	TIES	#4@12	#4@12				
LEVEL 1	LOAD	440K	360K				
FOOTING SIZE		6'-0"×6'-0"×2'-0"	5'-0"×5'-0"×1'-8"				
FOOTING REINF.		9-#6 EW	8-#5 EW				
ELEV. B.O.F.		SEE PLAN	SEE PLAN				

NOTES:
1 COLUMNS BETW. LEVELS 1÷2 START AT TOP OF FOOTING
2 SEAT ALL FOOTINGS 8" INTO ROCK MIN. (B.O.F. ELEV. INCLUDES 8" SEAT)
3 LOADS ARE WORKING LOADS (DESIGN IS ON BASIS OF ULTIMATE STRENGTH) (LOADS INCLUDE ONE FUTURE LEVEL)
4 ALL CONCRETE COLUMNS TO HAVE 4,000 PSI CONCRETE STRENGTH (28 DAY)
5 DOWEL ALL VERTICAL COLUMN REINFORCEMENT INTO FOOTING WITH SAME SIZE BAR AS IN COLUMN.



TYPICAL COLUMN FOOTING DETAIL



A 5/1 DOORWAY HEAD DETAIL

HOLT
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Addition to Wilson Laboratory

Cornell High Energy Synchrotron Source and Laboratory for Nuclear Studies
Cornell University, Ithaca, New York

Scale:	Date:
As Noted	9 Nov 1984
Project No:	Drawn by:
83054	BT GNC

Foundation Plan & Level 1 Slab on Grade

S1

1/8"
2085 -1-0058-1984-074-020 Cornell University
1/10"

074-020