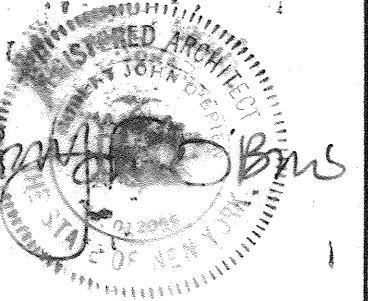




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Addition to Wilson Laboratory
Cornell High Energy Synchrotron Source and Laboratory for Nuclear Studies
Cornell University, Ithaca, New York

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

Structural Plan-Level 2

S2

3 1924 122 895 448

JOIST SCHEDULE									
BAND MARK	JOIST	SIZE		REINFORCING			WEB REIN	REMARKS	
		W	D	BOTTOM	TOP INTERIOR	TOP EXTERIOR			
C-1		6"	16 3/4"	2-#5	#4@9	#4@9	---	SEE NOTE 2	
C-2				1-#5 1-#6	#4@7	#4@9	---	SEE NOTE 2	
C-3				2-#6	#4@7	#4@9	---	SEE NOTE 2	
C-4				2-#5	#4@7	---	---		
C-5				1-#5 1-#6	#4@7	---	---		
C-6				2-#4	#4@9	---	---		
C-7				2-#4	#4@9	#5@10 @CANTILEVER	---	ALL BARS EXTEND TO EXISTING BUILDING	
C-8				1-#4 1-#7	#4@7	---	---		
C-9				1-#4 1-#5	#4@7	#5@10 @CANTILEVER	---	ALL BARS EXTEND TO EXISTING BUILDING	
M-1				2-#4	#4@12	#4@12	---	SEE NOTE 2	
M-2				2-#4	#4@12	---	---		
M-3				2-#4	#4@12	---	---		
M-4				2-#4	#4@12	#5@10 @CANTILEVER	---	ALL BARS EXTEND TO EXIST. BLDG	
M-5				2-#5	#4@12	#4@9 TO B-3	---	TOP BARS EXTEND TO B-3	

BEAM SCHEDULE									
MARK	SIZE		REINFORCING			WEB REIN	REMARKS		
	W	D	BOTTOM	TOP INTERIOR	TOP EXTERIOR				
B-1	16"	16 3/4"	3-#9	4-#7	2-#7	1@1" 6@3, 6@4, 8@6	EXTEND TOP BARS 3'-0" BEYOND SUPPORTS		
B-2	20"		3-#9	4-#7	2-#7	1@1" 6@3, 6@4, 8@6	EXTEND TOP BARS 3'-0" BEYOND SUPPORTS		
B-3	9 1/2"		3-#6	4-#6	---	1@2" 3@4, 8@6	EXTEND TOP BARS 3'-0" BEYOND SUPPORTS		
B-4	16"		4-#7	4-#8	---	1@2" 4@4, 6@6	BARS EXTEND 3'-0" BEYOND COL. WEB REIN. STARTS @ EDGE OF COL. HEAD		

NOTES

1. EXTEND ONE HALF OF ALL TOP BEAM BARS FULL SPAN.
2. EXTEND ALL SLAB, JOIST, & BEAM BARS TO EXTERIOR EDGES OF SLAB, TYPICAL.
3. FOR ANY RIBS WIDER THAN 6" AND NOT DESIGNATED AS A BEAM ADD 2-#5 TIES UNLESS OTHERWISE NOTED IN PLAN. ADDED BARS SHOWN ARE FOR FULL LENGTH OF THE WIDE SECTION.
4. SEE DWG 830 FOR GENERAL NOTES & KEYS

REVISION DATE 10 DECEMBER 1984
MODIFY SLAB CONFIGURATION BELOW WINDOWS & ADD BARS ON NORTH & SOUTH WALLS
DETAIL C WINDOW SILL

