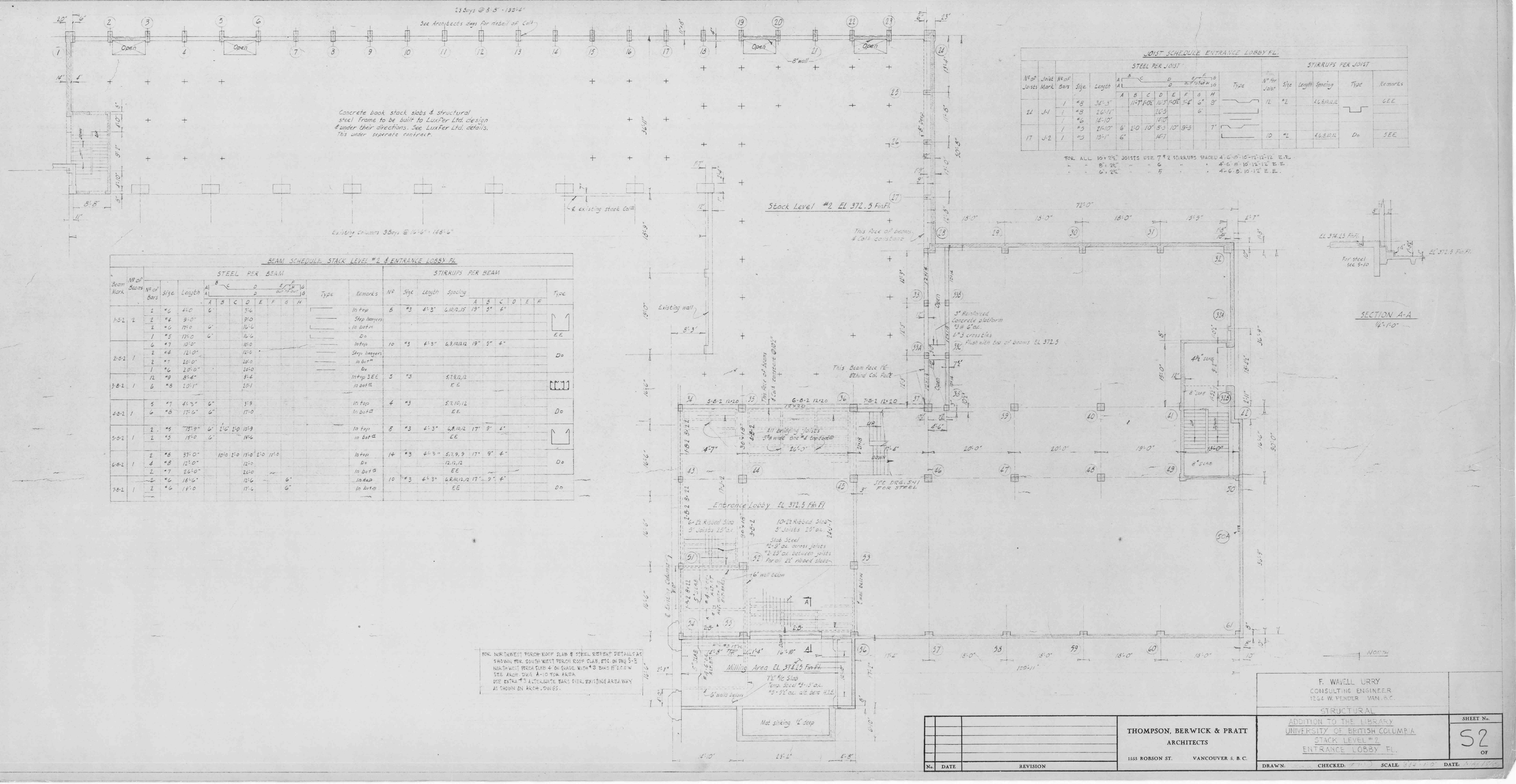

BEAM SCHEDULE STACK LEVEL #2 & ENTRANCE LOBBY FL

Beam Mark	No of Beams	STEEL PER BEAM: No of Bars	Size	Length	Type	Remarks	STIRRUPS PER BEAM: No	Size	Length	Spacing	Type
1-B-2	2	2	#6	41'-0"		In top	B	#3	4'-3"	6@1",2,15 @ 3", 5", 6"	EE
		2	#6	31'-0"		Stp hangers					
		2	#6	17'-0"		In bot m					
		1	#5	17'-0"		Do					
2-B-2	1	6	#7	101'-0"		In top	10	#3	4'-3"	6@1",8@12",2 @ 19", 5", 6"	Do
		2	#4	12'-0"		Stp. hangers					
		2	#7	20'-0"		In bot m					
		1	#6	20'-0"		Do					
3-B-2	1	12	#9	81'-4"		In top SEE	5	#3		5@3",11,12 EE	
		6	#8	20'-1"		In bot m					
4-B-2	1	5	#7	41'-3"		In top	4	#3		5@3",10,12 EE	Do
		6	#8	17'-6"		In bot m					
5-B-2	1	2	#5	75'-9"		In top	8	#3	4'-3"	4@3",12,12 @ 17", 9", 6" EE	
		2	#5	18'-0"		In bot m					
6-B-2	1	2	#8	37'-0"	10'-0" 2'-0" 13'-0" 2'-0" 11'-0"	In top	14	#3	4'-3"	5@3",9,9 @ 17", 9", 6" 12,11,12 EE	Do
		4	#8	12'-0"		Do					
		2	#7	26'-0"		In bot m					
7-B-2	1	2	#6	16'-6"		In top	10	#3	4'-3"	6@3",11,12 @ 17", 9", 6" EE	Do
		2	#6	19'-0"		In bot m					

FOR NORTH WEST PORCH ROOF SLAB & STEEL REPEAT DETAILS AS SHOWN FOR SOUTH WEST PORCH ROOF SLAB, ETC. ON DWG S-12
NORTH WEST PORCH SLAB & ON GRADE WITH #8 BARS @ 6" C.R.W.
SEE ARCH. DWG. A-10 FOR AREA
USE EXTRA #5 ACROSS JOISTS BACK OVER EXISTING AREA WAY AS SHOWN ON ARCH. DWGS.

JOIST SCHEDULE ENTRANCE LOBBY FL

STEEL PER JOIST: No of Joists	Joist Mark	No of Bars	Size	Length	A	B	C	D	E	F	G	H	Type	STIRRUPS PER JOIST: No per Joist	Size	Length	Spacing	Type	Remarks
		1	#8	34'-3"			11'-7"	FOR	16'3"	FOR	3'-6"	9"							
22	J-1	1	#8	26'-11"					26'3"		6"			12	#2	42.8 A.U.L.		GEE	
		1	#6	14'-10"					14'10"										
		1	#3	21'-10"	6"	2'-0"	10"	8'-3"	10"	9'-3"		7"							
17	J-2	1	#3	15'-1"	6"			14'-7"						10	#2	42.8 B.U.L.	Do	SEE	

FOR ALL 10 x 23½ JOISTS USE 7 #2 STIRRUPS SPACED 4 @ 6"-8"-10"-12"-12" E.E.
" " 8" x 23½ " " 6 " " 4 @ 6"-8"-10"-12" E.E.
" " 6" x 23½ " " 5 " " 4 @ 6"-8"-10" E.E.

No.	DATE	REVISION

THOMPSON, BERWICK & PRATT
ARCHITECTS
1555 ROBSON ST. VANCOUVER 5, B.C.

F. WAVELL URRY
CONSULTING ENGINEER
1264 W. PENDER VAN. B.C.

STRUCTURAL

ADDITION TO THE LIBRARY
UNIVERSITY OF BRITISH COLUMBIA
STACK LEVEL #2
ENTRANCE LOBBY FL

SHEET No. S2 OF

DRAWN: CHECKED: SCALE: 3/4" = 1'-0" DATE: