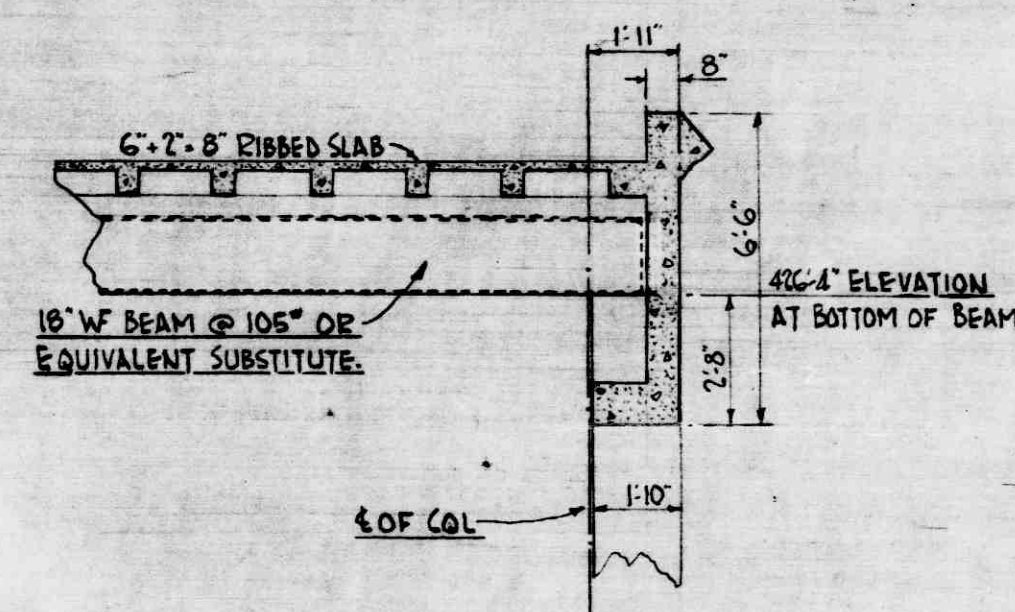
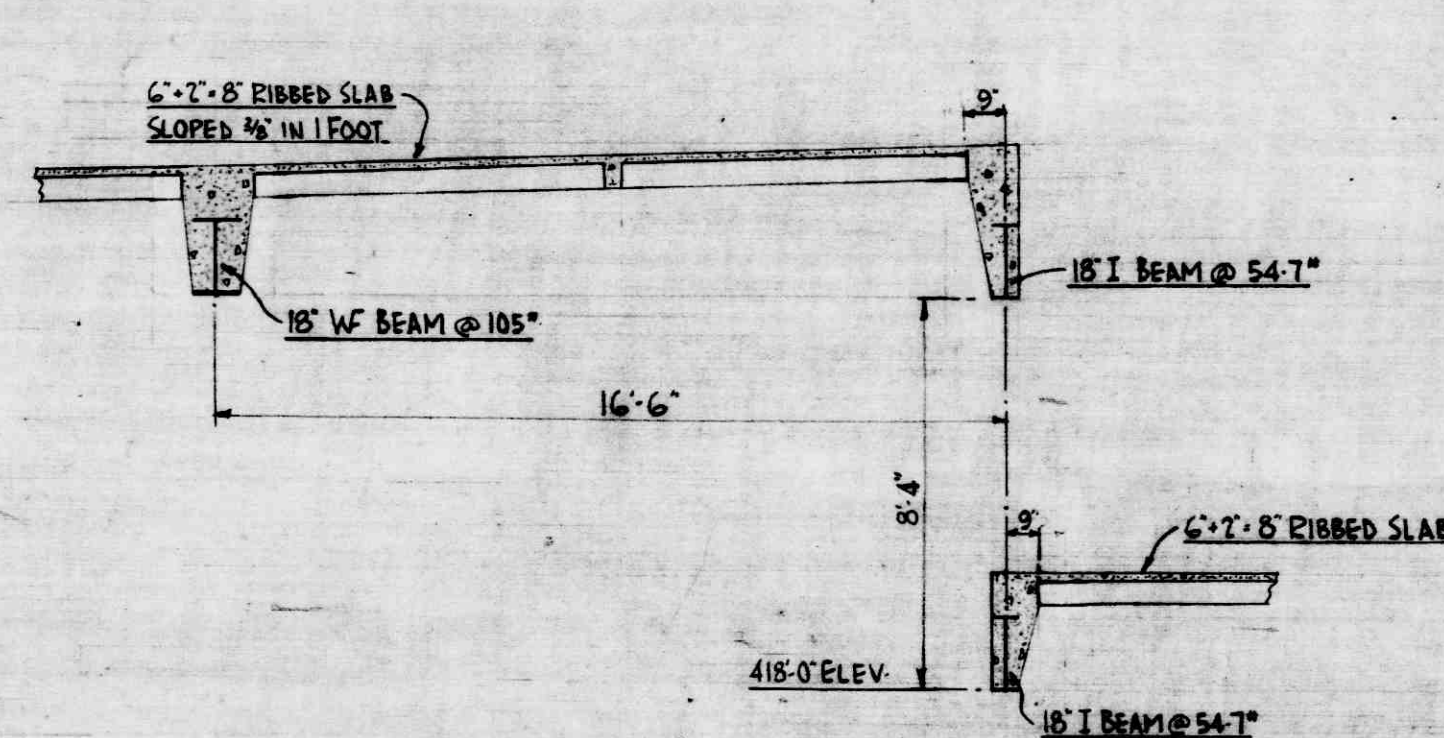
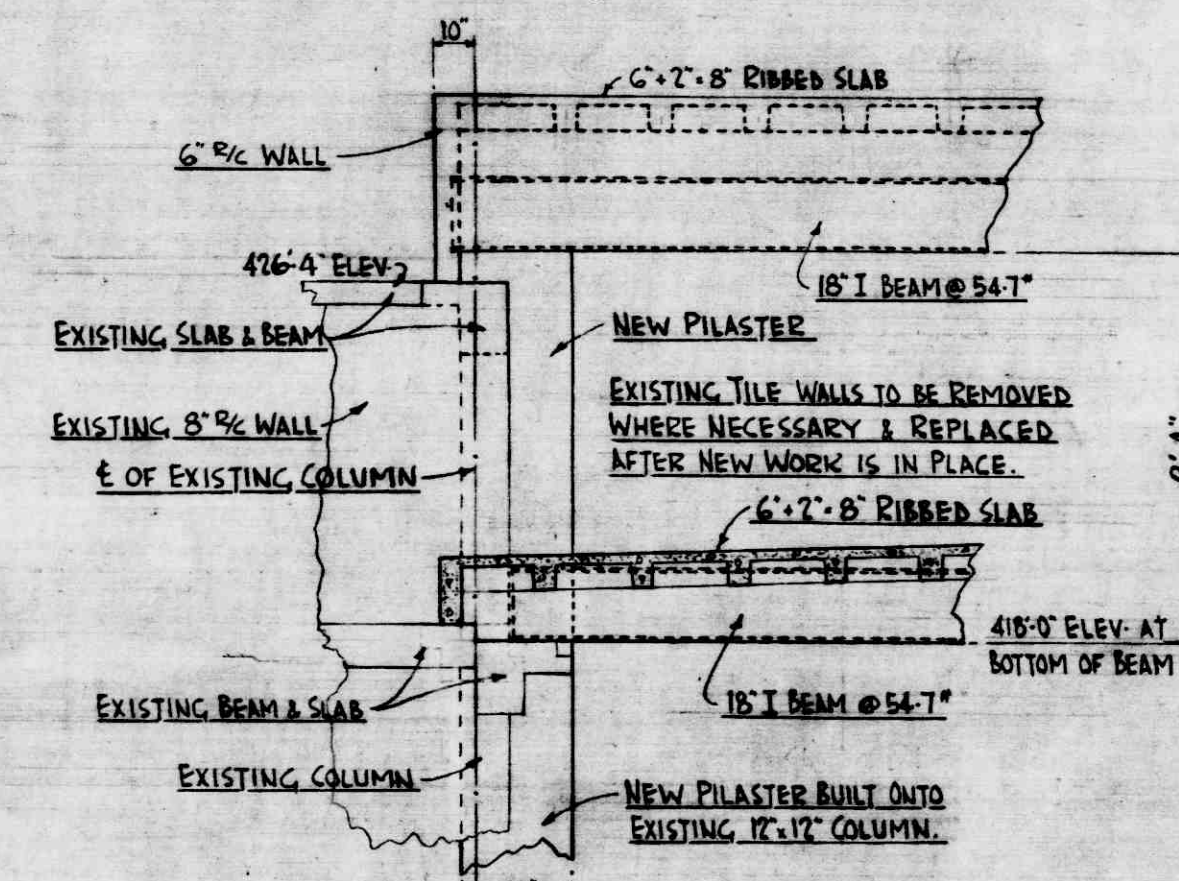




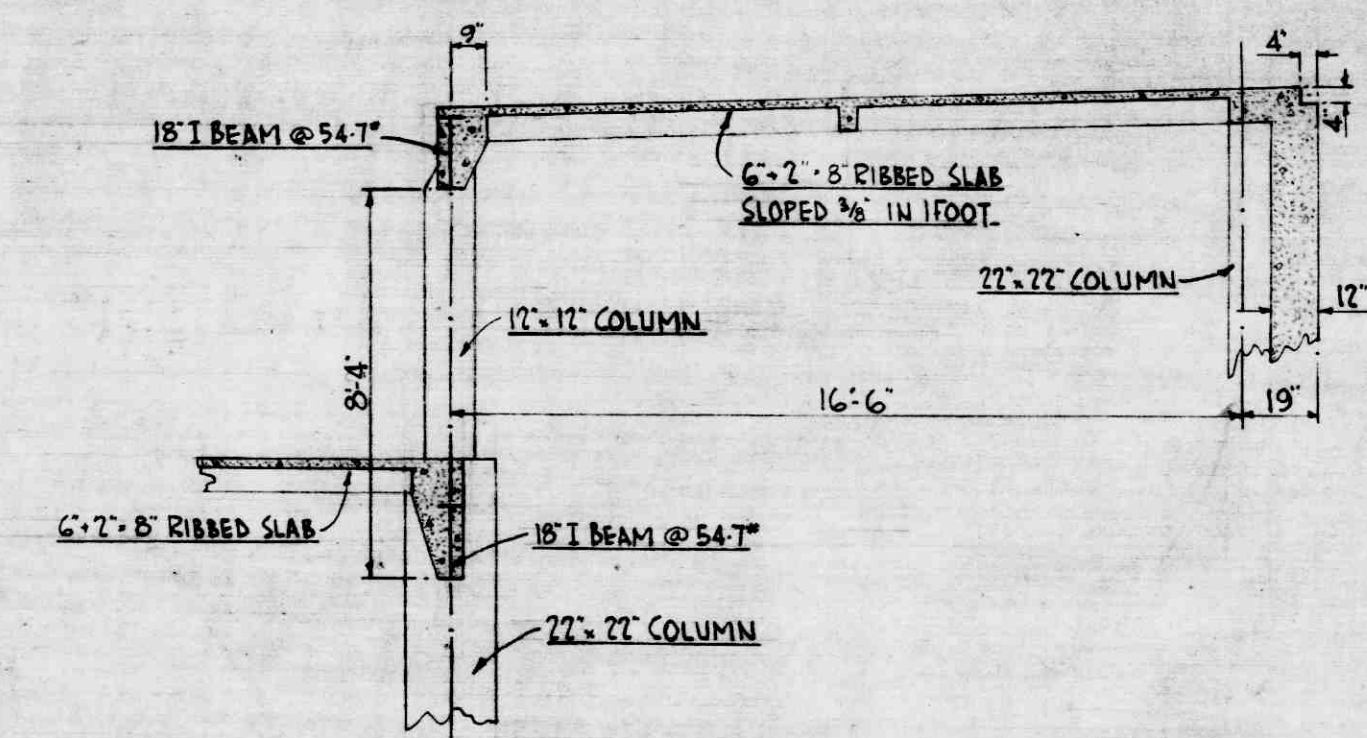
SECTION THRO PARAPET AT F-F
1/2" = 1'00"



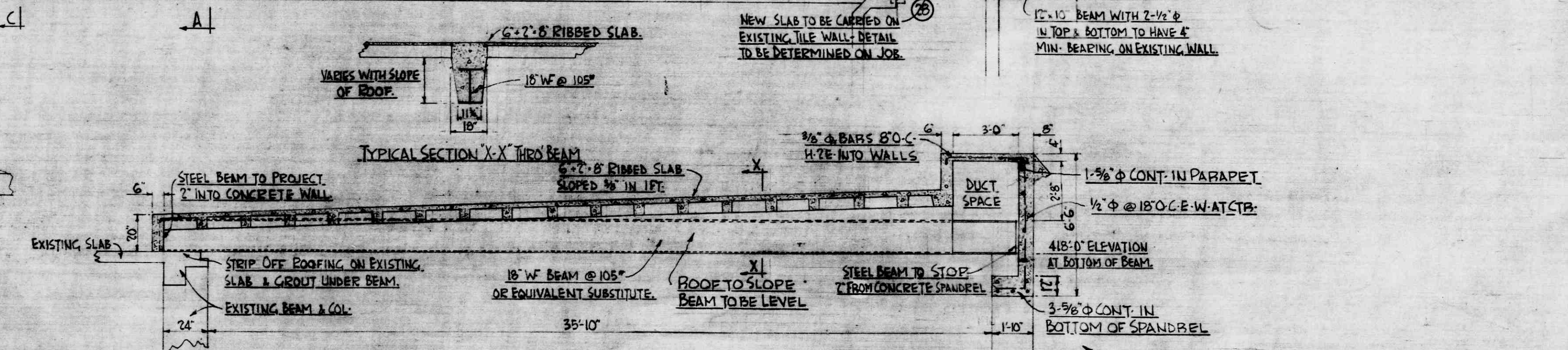
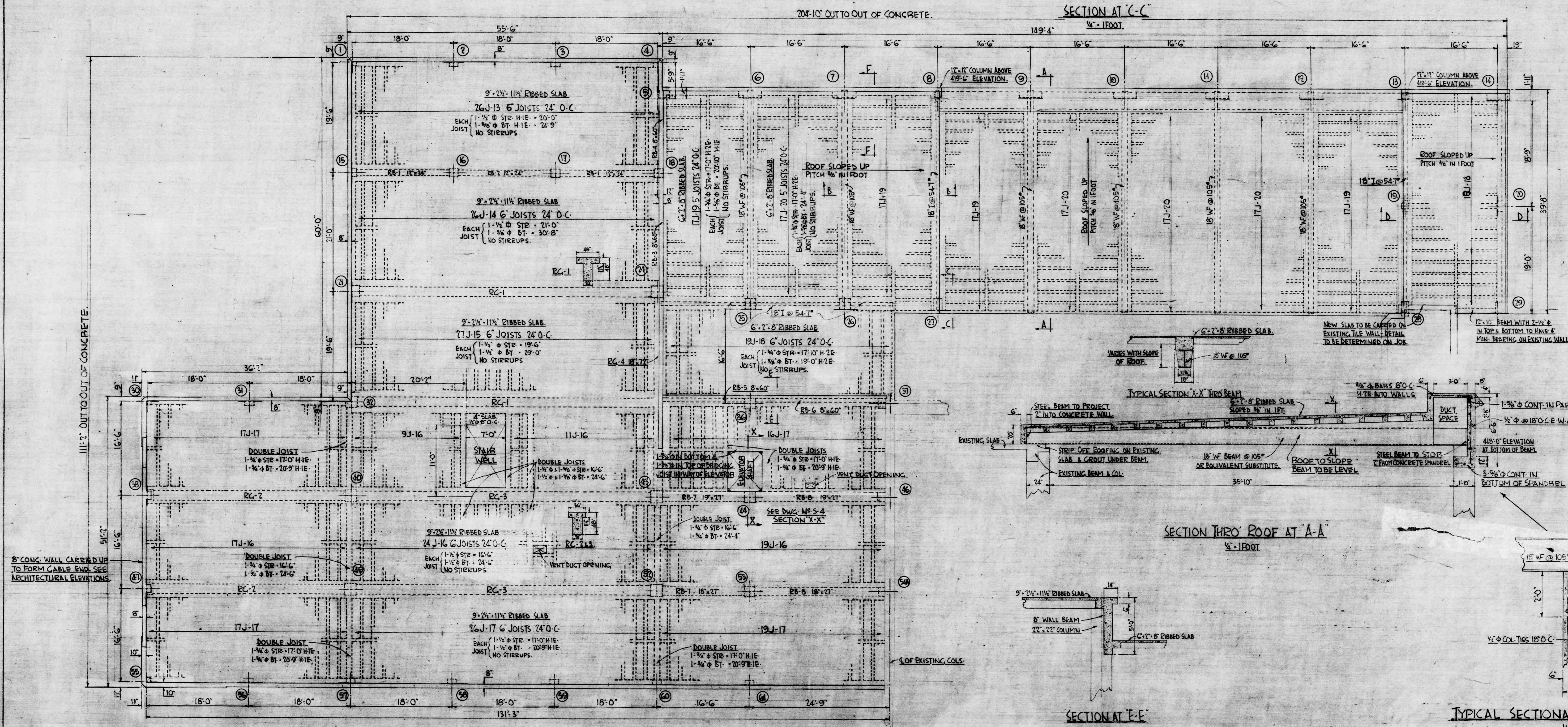
SECTION THRO ROOF AT B-B
1/2" = 1'00"



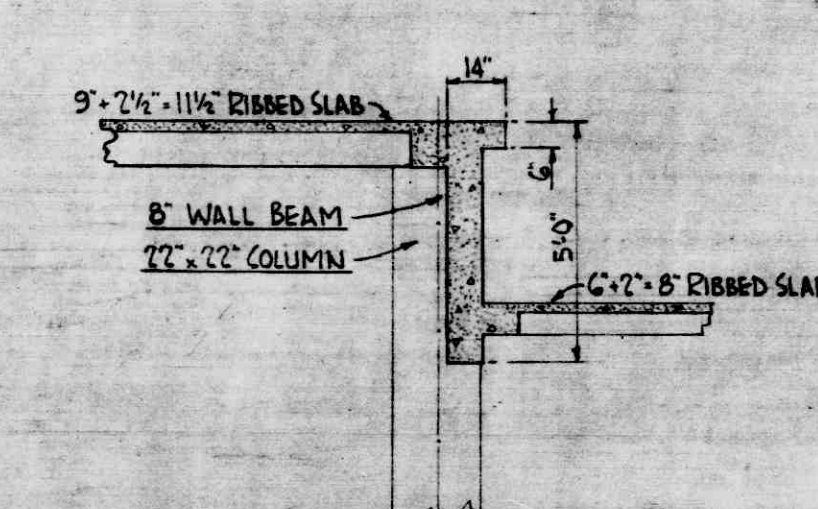
SECTION AT C-C
1/2" = 1'00"



SECTION D-D
1/2" = 1'00"



SECTION THRO ROOF AT A-A
1/2" = 1'00"



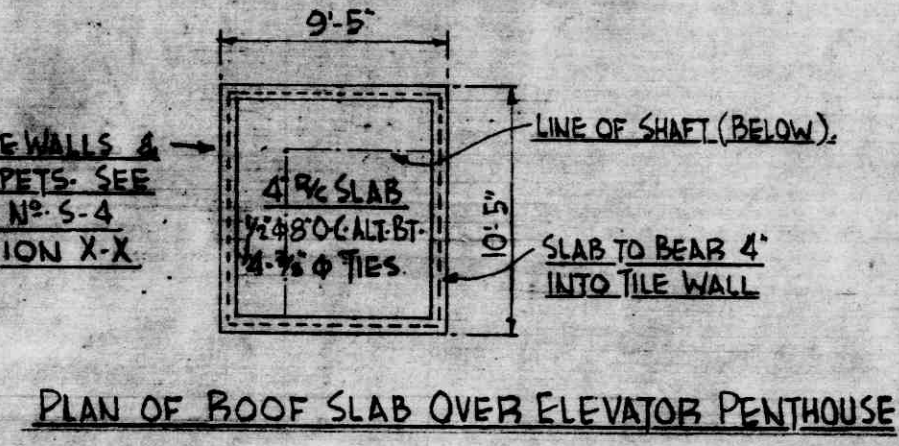
SECTION AT E-E
1/2" = 1'00"

TYPICAL SECTIONAL DETAIL AT HEAD OF COLS.
1/2" = 1'00"

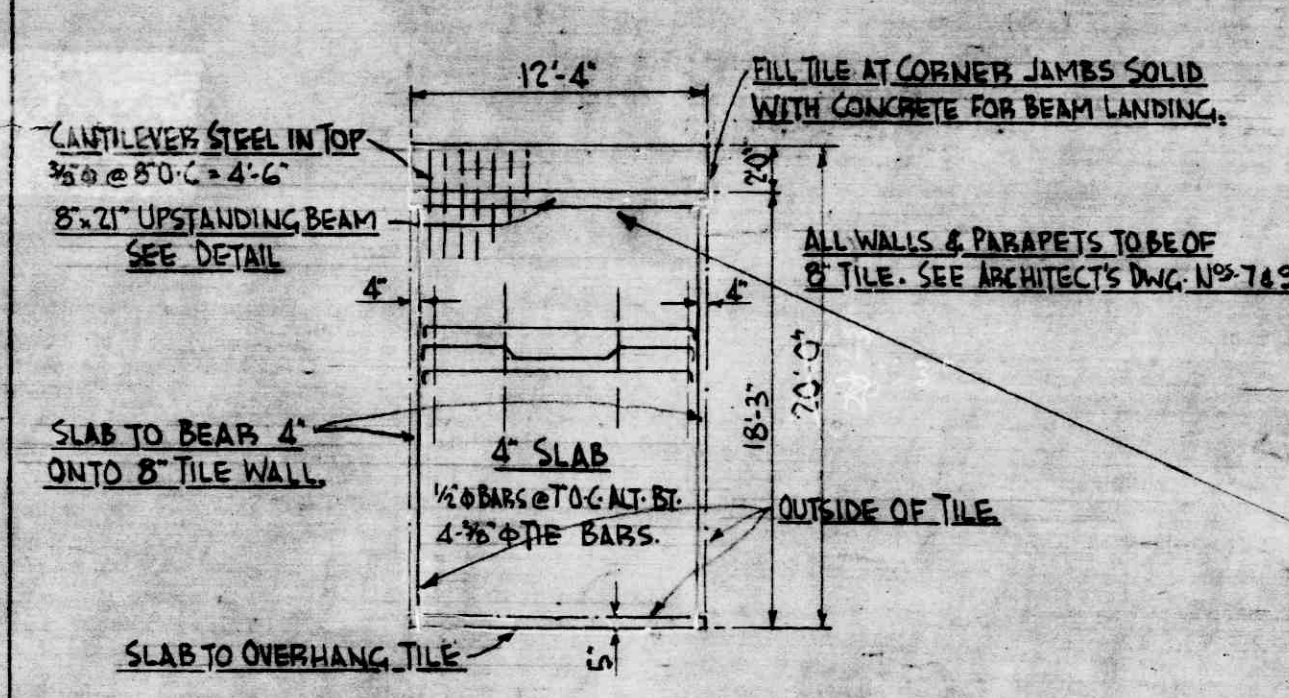
SEE DWG. NO. S-2 FOR FURTHER COLUMN DETAILS

NOTE.
ALL BRIDGING JOISTS TO BE 4" THICK & ARE TO HAVE 1-3/4" @ STRAIGHT BAR IN TOP & BOTTOM.

SLAB STEEL
ALL 7-1/2" & 9" SLABS OVER JOISTS TO BE REINFORCED WITH 1/2" @ BARS @ 12" O.C. AT RIGHT ANGLES TO JOISTS. 1/2" @ BARS @ 24" O.C. PARALLEL TO JOISTS OR ELECTRIC WELDED MESH OF 6" x 12" NO. 6 & NO. 9 WIRES.



PLAN OF ROOF SLAB OVER ELEVATOR PENTHOUSE



PLAN OF ROOF SLAB OVER STAIR PENTHOUSE

DETAIL OF 8" x 21" UPSTANDING BEAM

ROOF JOIST SCHEDULE													
JOIST LETTER & NUMBER	NO OF BARS	SIZE	LENGTH	BENDING								TYPE	WEIGHTS
				A	B	C	D	E	F	G	H		
26 J-13	26	1/2" @ 24"	20'-0"	4'-1"	1'-1"	10'-0"	1'-1"	8'-0"	6'	9"			492
26 J-14	26	1/2" @ 24"	21'-0"	8'-0"	1'-1"	10'-0"	1'-1"	10'-0"		9"			464
27 J-15	27	1/2" @ 24"	19'-6"	9'-0"	1'-1"	9'-6"	1'-1"	8'-4"		9"			523
80 J-16	80	1/2" @ 24"	16'-6"	8'-4"	1'-1"	7'-0"	1'-1"	7'-0"		9"			880
95 J-17	95	1/2" @ 24"	17'-0"	7'-4"	1'-1"	8'-0"	1'-1"	3'-3"	6'	9"			1372
37 J-18	37	3/4" @ 19'-0"	19'-0"	3'-10"	9'	8'-10"	9'	3'-10"	6'	6"	6"	6"	983
68 J-19	68	3/4" @ 17'-0"	17'-0"	5'-6"	9'	16'-0"	9'	7'-6"	6'	6"	6"	6"	1738
68 J-20	68	3/4" @ 17'-0"	17'-0"	7'-6"	9'	16'-0"	9'	7'-6"	6'	6"	6"	6"	1738
TOTAL													17023

ROOF STRUCTURAL PLAN