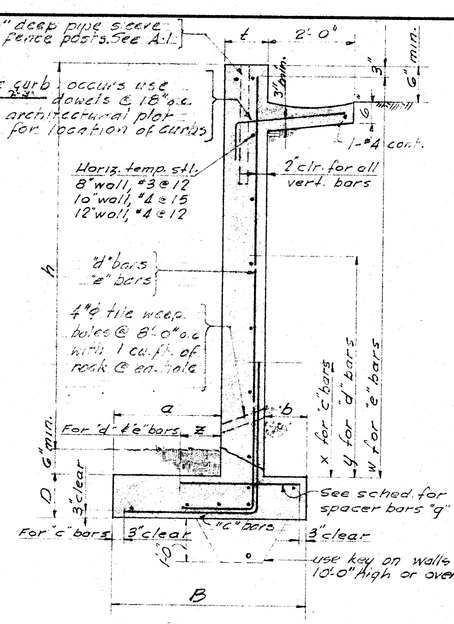


f'_c = 2000 psi.
f_s = 18,000 psi.

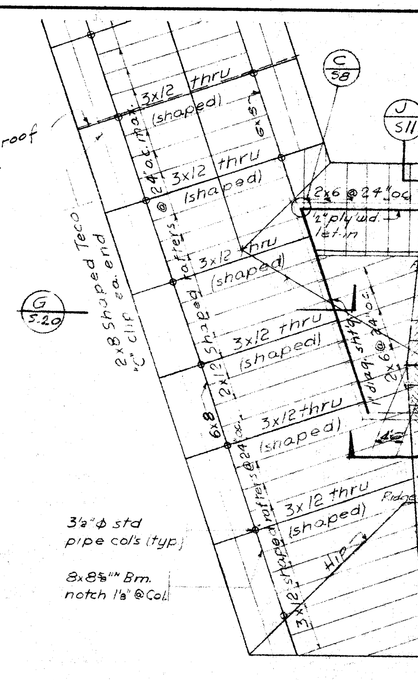
Soil wt. = 100 #/ft³
Equivalent wt. for lateral fluid pressure = 30 #/ft
Resultant @ the middle third.

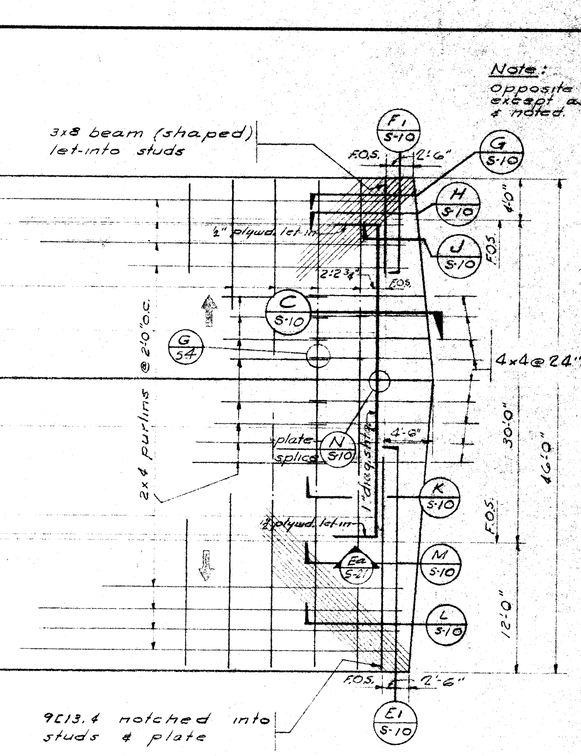
RETAINING WALL SCHEDULE

Dimensions						Reinforcing						Max. Soil Press
h	B	D	d	a	b	g	c bars	x	d bars	y	e bars w	
4'	2'-6"	1'-0"	8"	1'-0"	1'-0"	7"	3#6 @ 24"	2'-3"				800
5'	3'-0"	1'-0"	8"	1':4		9"	do	2'-6"	#6 @ 24"	4'-9"		
6'	3'-3"	1'-0"	8"	1':7		10"	do	2'-9"	#6 @ 18"	1'-6"	#6 @ 12"	4'-5"	1125
7'	3'-9"	1'-0"	8"	2':1		1':2	do	3'-0"	#6 @ 12"	2'-0"	#6 @ 12"	6'-9"	
8'	4'-2"	1'-2"	8"	2':8		1':6	#6 @ 16"	3'-3"	#6 @ 12"	2'-0"	#6 @ 6"	7'-9"	1200
9'	5'-0"	1'-2"	10"	3':2		2'-0"	do	3'-6"	#6 @ 12"	2'-6"	#6 @ 8"	8'-9"	
10'	5'-8"	1'-2"	10"	3':10		2'-6"	do	3'-9"	#7 @ 12"	2'-8"	#6 @ 8"	9'-9"	1185
11'	6'-3"	1'-2"	10"	4'-5"		2'-9"	do	4'-0"	#7 @ 12"	3'-0"	#6 @ 6"	10'-9"	
12'	6'-10"	1'-2"	10"	5'-0"		3'-0"	do	4'-3"	#7 @ 12"	3'-3"	#6 @ 6"	11'-9"	1245
13'	7'-8"	1'-2"	12"	5'-9"		3'-6"	do	4'-6"	#8 @ 12"	3'-6"	#6 @ 6"	12'-9"	
14'	8'-6"	1'-2"	12"	6'-6"	1'-2"	4'-0"	do	5'-0"	#8 @ 12"	4'-0"	#6 @ 6"	13'-9"	1230

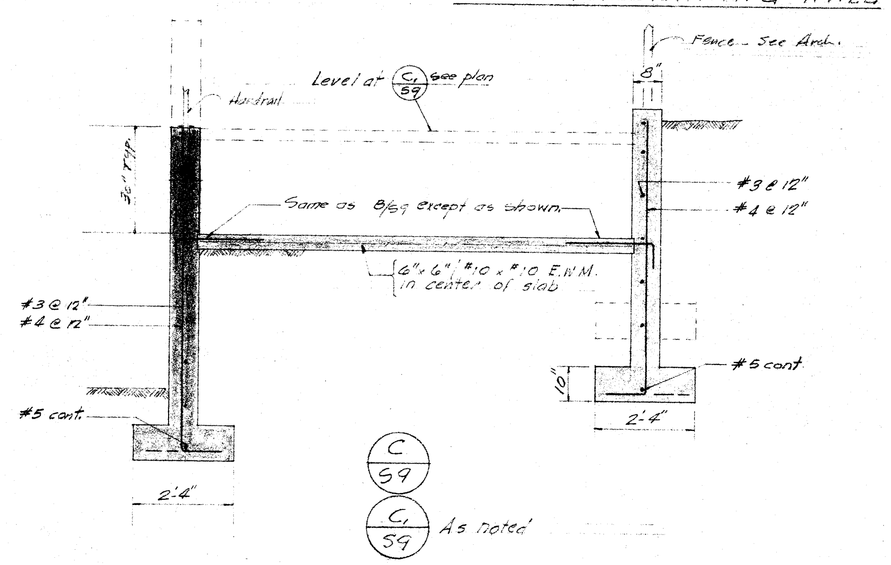
Provide vertical expansion joints @ approx. 46' o.c. See D/S9
Use this schedule for all retaining walls called out on sht. A-1.

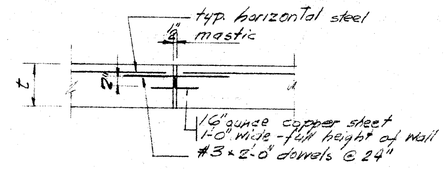
TYPICAL RETAINING WALL





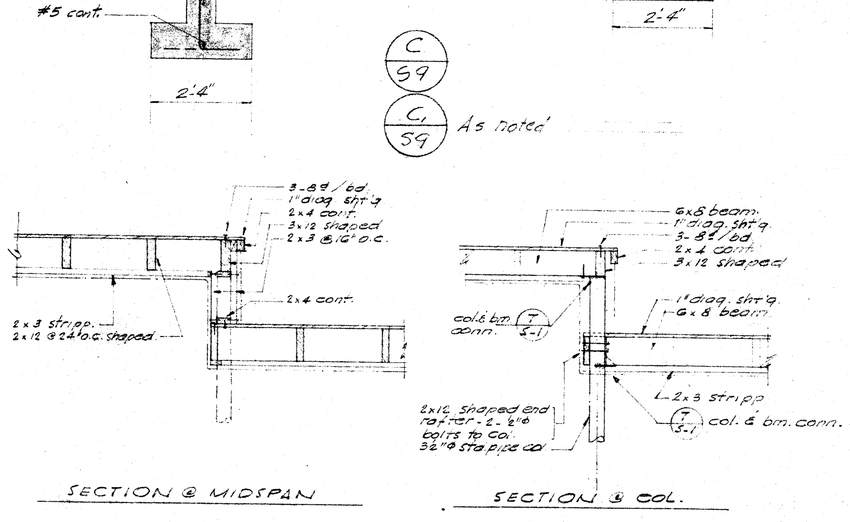
ROOF FRAMING PLAN - UNIT "H"
scale: ½" = 1'-0"



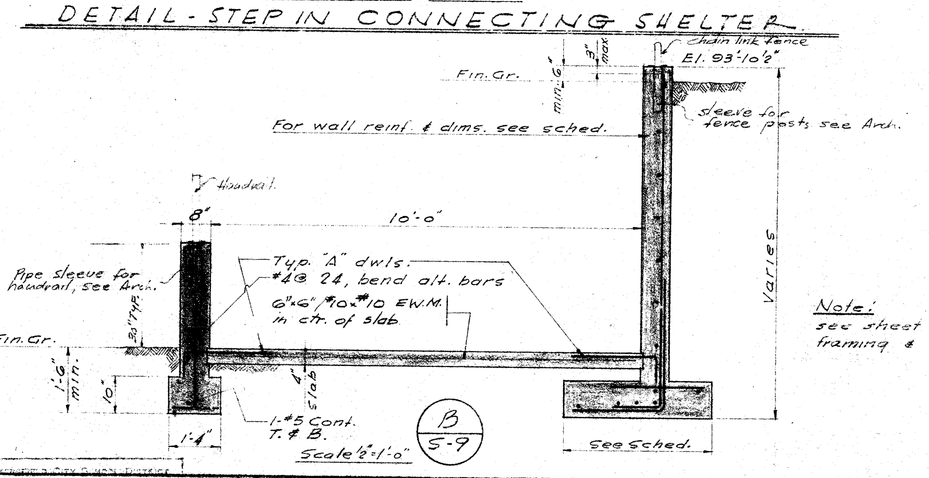


TYP. EXPANSION JOINT (D 5-9)
Scale 3" = 1'-0"

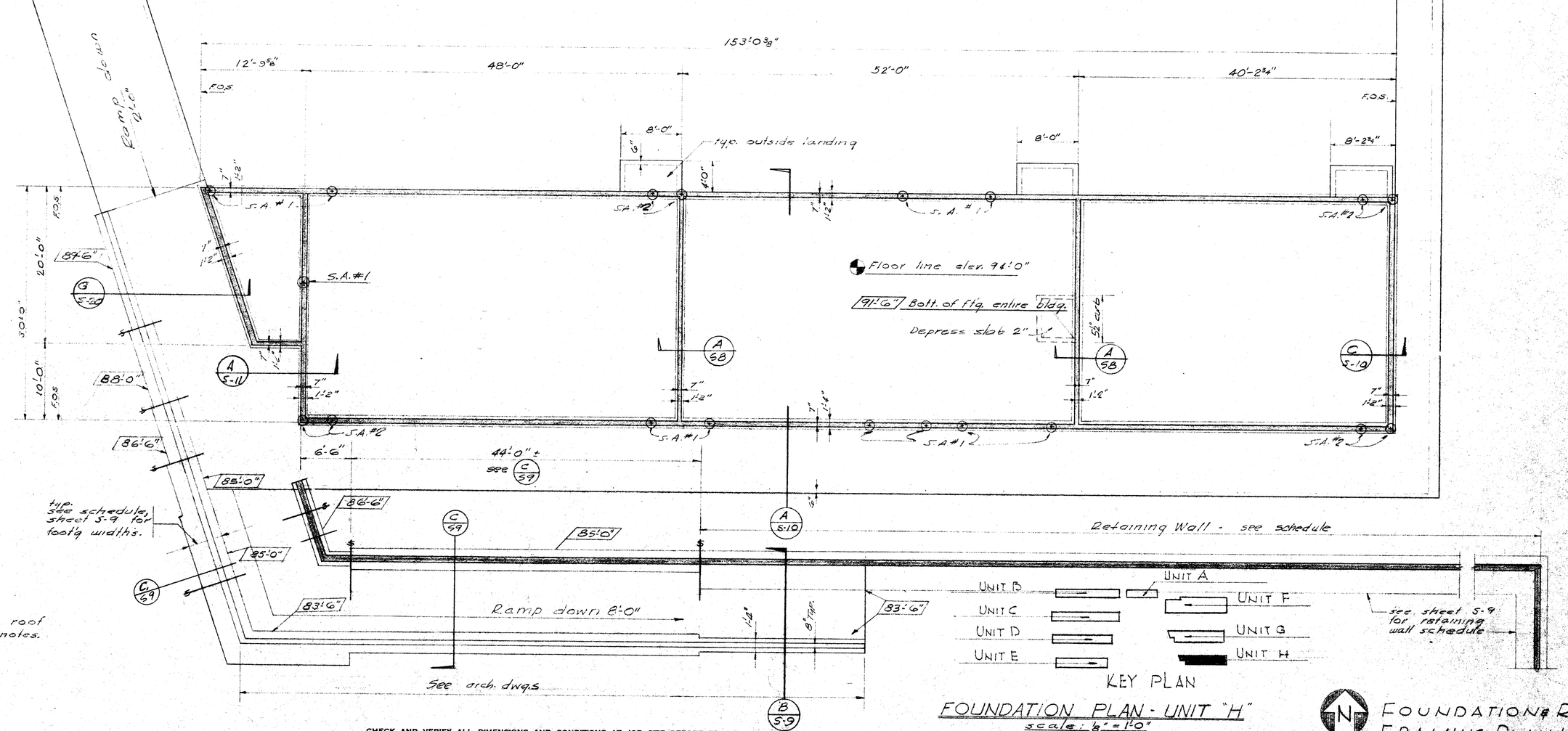
NOTE: Provide vert. exp. joints @ 40'-0" ± - Where possible joint to occur @ places where wall thickness changes.



DETAIL - STEP IN CONNECTING SHELTER



Note: see sheet S-5 for typ. roof framing & foundation notes.



see sheet S-9 for retaining wall schedule

FOUNDATION PLAN - UNIT "H"
scale - ½" = 1'-0"

FOUNDATION & ROOF FRAMING PLAN-UNIT "H"

CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE BEFORE PROCEEDING WITH THE WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT.

DSA 69 | SCHOOL 20 | DATE 6/5/54 | FILE 126

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STRUCTURAL ENGINEERS
ARCHITECTS BUILDING LOS ANGELES 17

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DATE

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