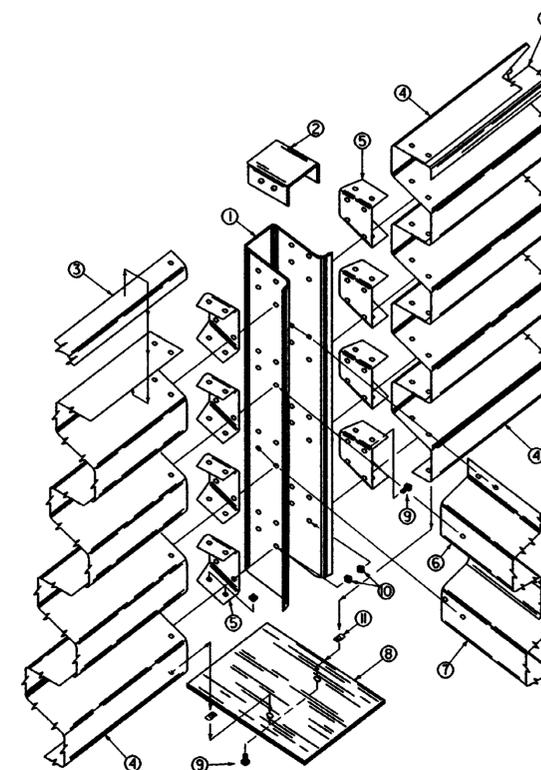
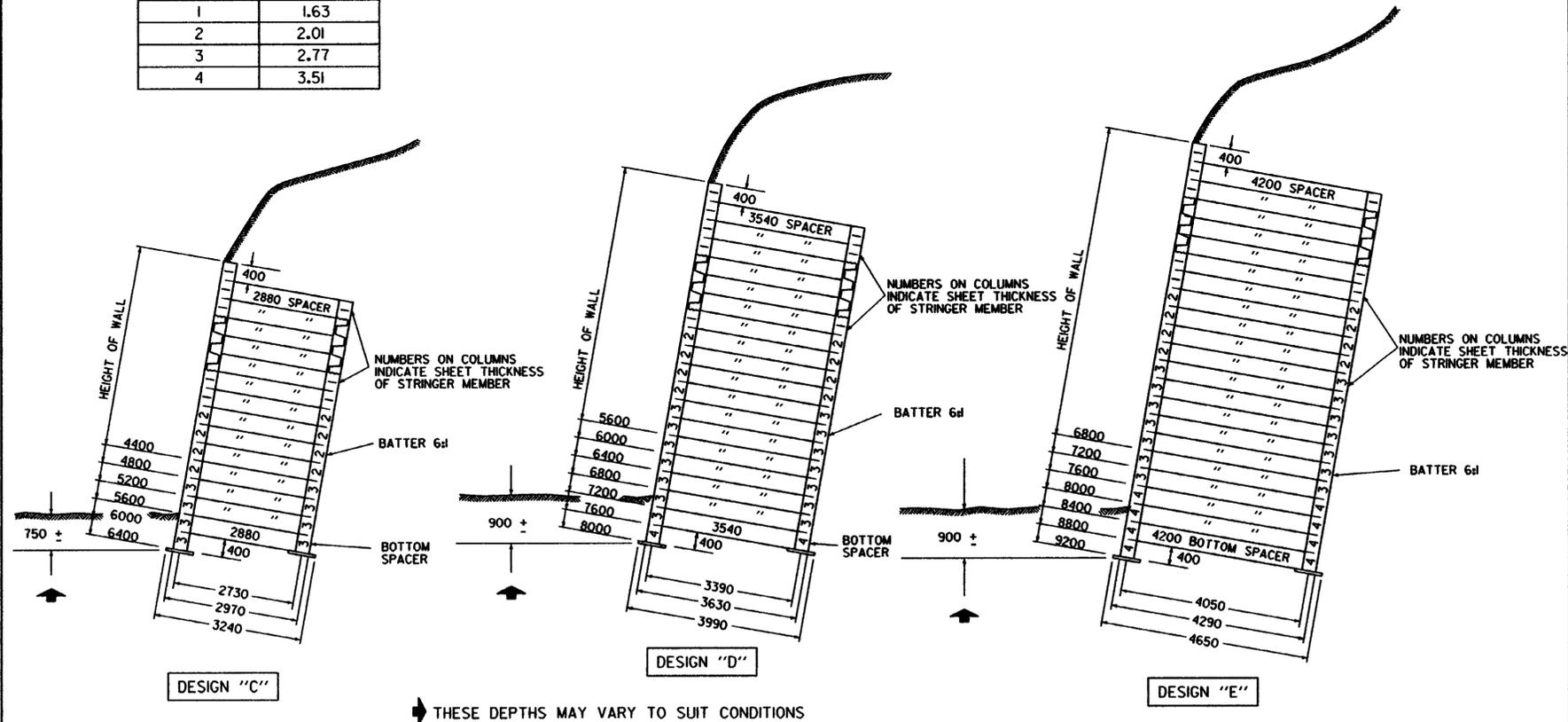
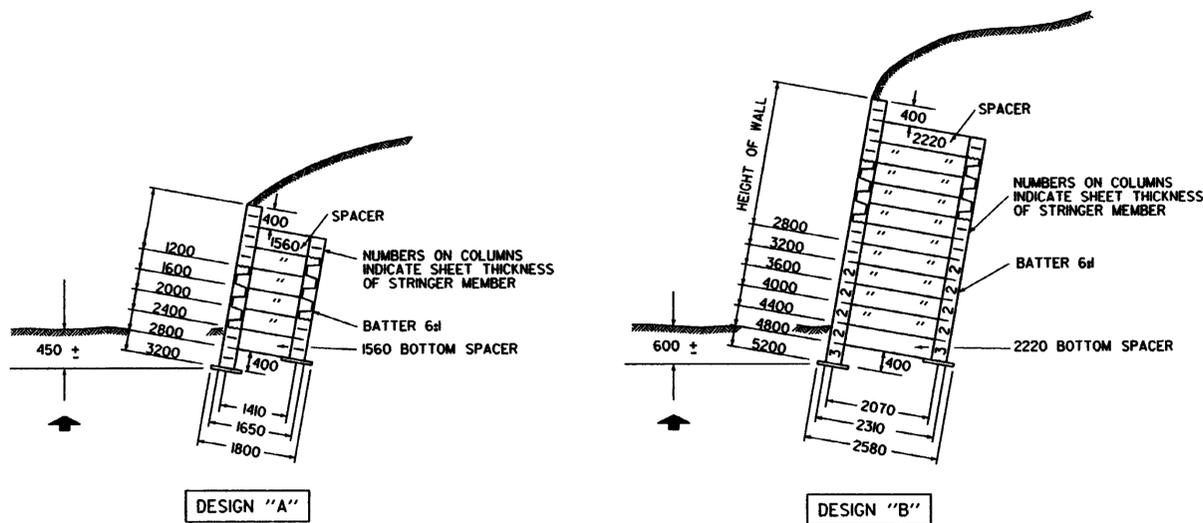


SELECTION OF DESIGN

GENERALLY, WALLS WITH LEVEL SURCHARGE SHOULD HAVE A BASE WIDTH EQUAL TO 45% OF THE HEIGHT. WALLS WITH A SLIGHT SURCHARGE BUT WITH SUPER-IMPOSED TRAFFIC LOADS NEAR THE WALL SHOULD HAVE A BASE WIDTH EQUAL TO 50% OF THE HEIGHT. WALLS WITH INFINITE SURCHARGE SHOULD HAVE A BASE

FOR EXAMPLE, ON A SHORT WALL THAT VARIES FROM 2.4 TO 4.8 m IN HEIGHT, DESIGN "B" IS SUGGESTED EVEN THOUGH DESIGN "A" MIGHT BE SATISFACTORY FOR PART OF THE WALL.

SHEET THICKNESS REQUIRED FOR WALL MEMBERS	
MEMBER TYPE	THICKNESS
1	1.63
2	2.01
3	2.77
4	3.51



ASSEMBLY DIAGRAM

LIST AND DESCRIPTION OF UNITS

UNIT NO.	NAME	DESCRIPTION
1	COLUMN	VERTICAL MEMBER CONNECTING ALL OTHER UNITS
2	COLUMN CAP	COVER FOR FRONT COLUMN
3	STRINGER STIFFENER	TOP FLANGE PROTECTOR
4	STRINGER	HORIZONTAL LONGITUDINAL MEMBERS IN FRONT AND REAR WALLS
5	CONNECTING CHANNEL	CONNECTOR FOR ATTACHING STRINGERS TO COLUMNS
6	SPACER	TRANSVERSE MEMBERS THAT SEPARATE THE FRONT AND THE REAR COLUMNS
7	BOTTOM SPACER	SPECIAL BOTTOM TRANSVERSE MEMBER
8	BASE PLATE	INSTALLATION PLATE ON WHICH THE COLUMN RESTS
9	M16 x 2 x 35 BOLTS	
10	M16 NUTS	
11	M16 SPRING NUTS	

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

REVISIONS AND CORRECTIONS

JULY 10, 1997 - ORIGINAL APPROVAL DATE

APPROVED

[Signature]
 DIRECTOR OF PROJECT DEVELOPMENT

Warren B. Trapp
 STRUCTURES DESIGN ENGINEER

METAL BIN-TYPE RETAINING WALL



Metric
 STANDARD
 H-1aM