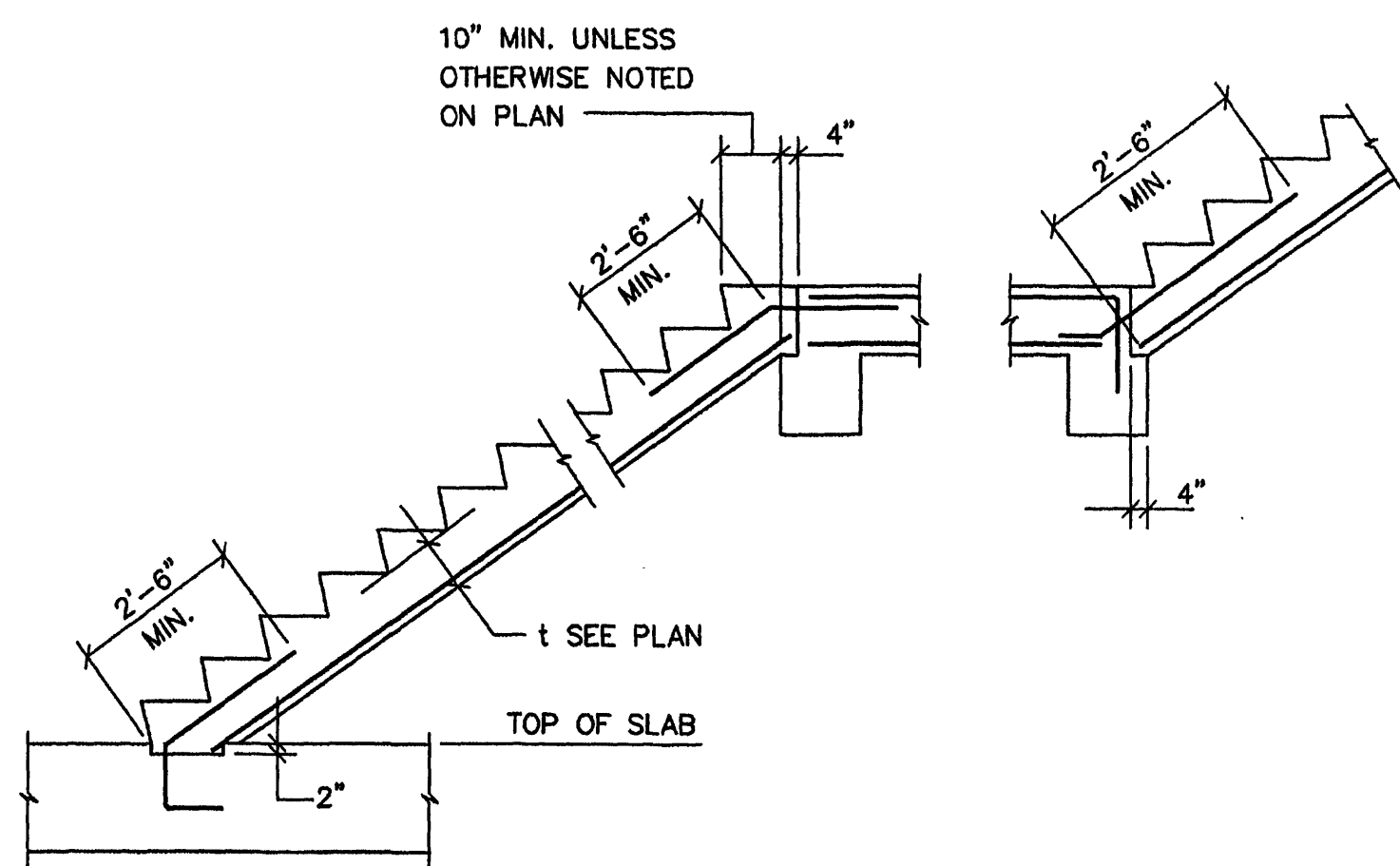
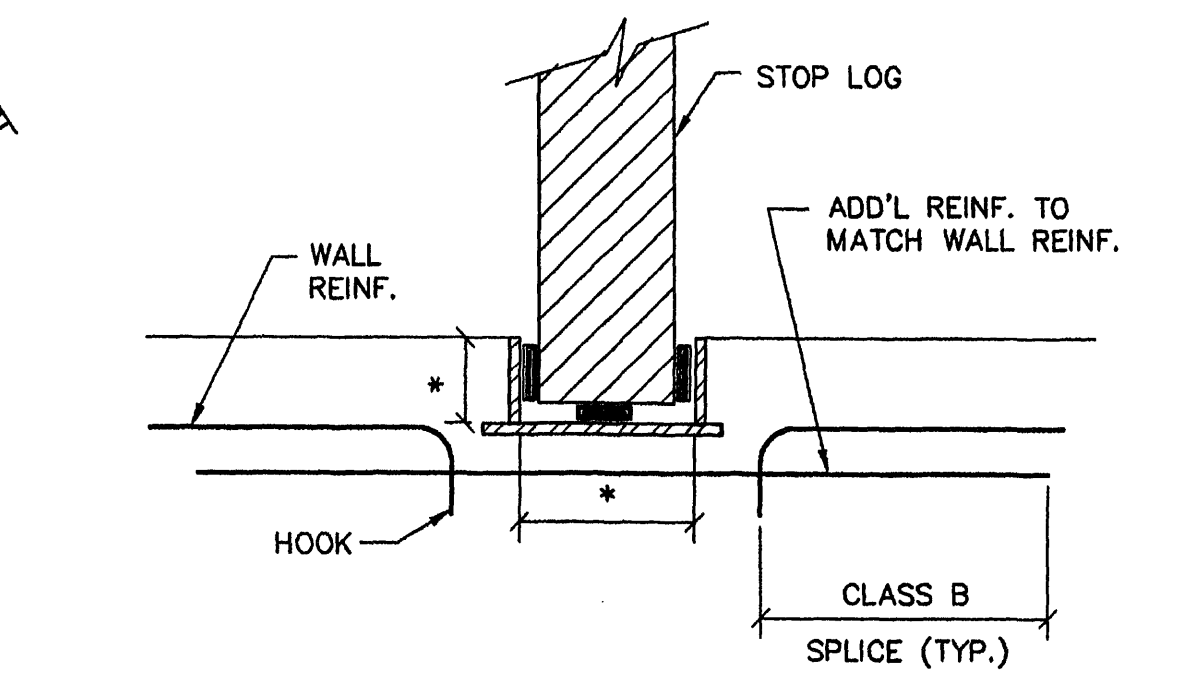
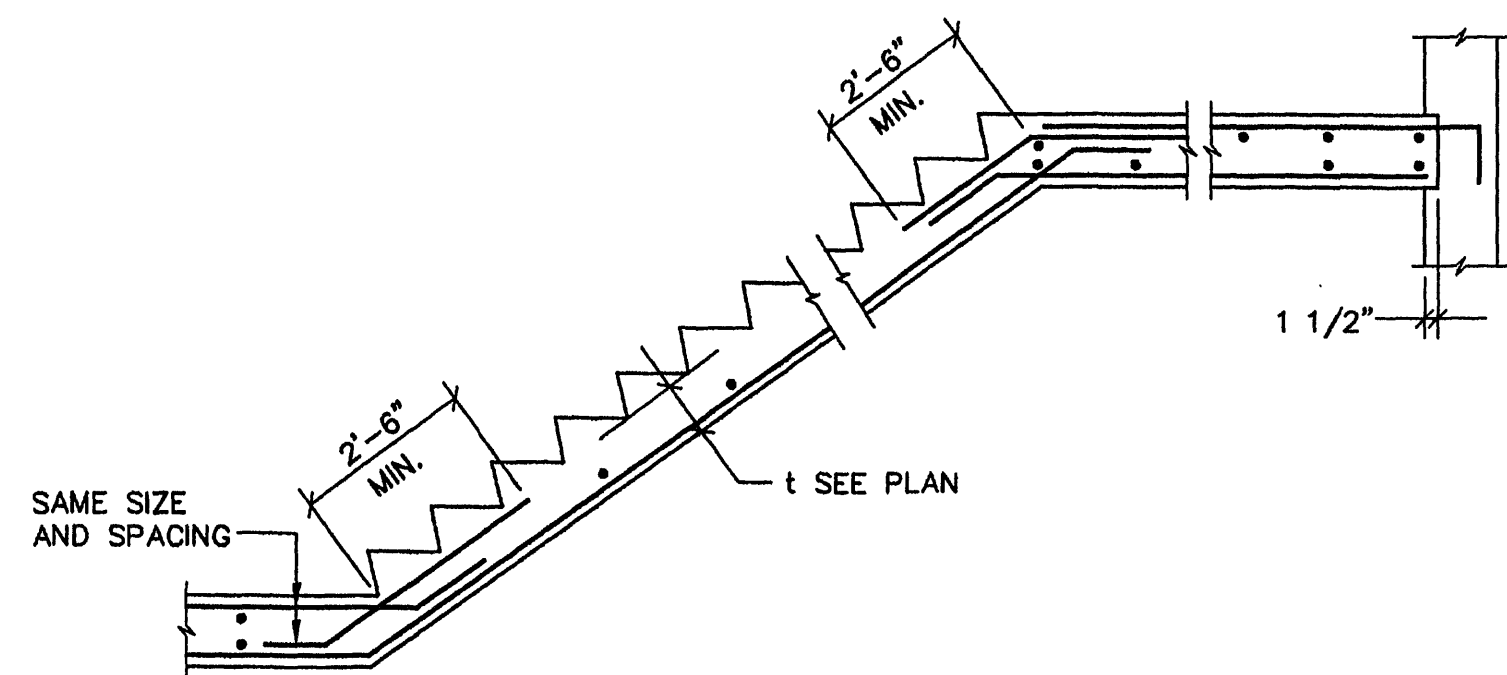




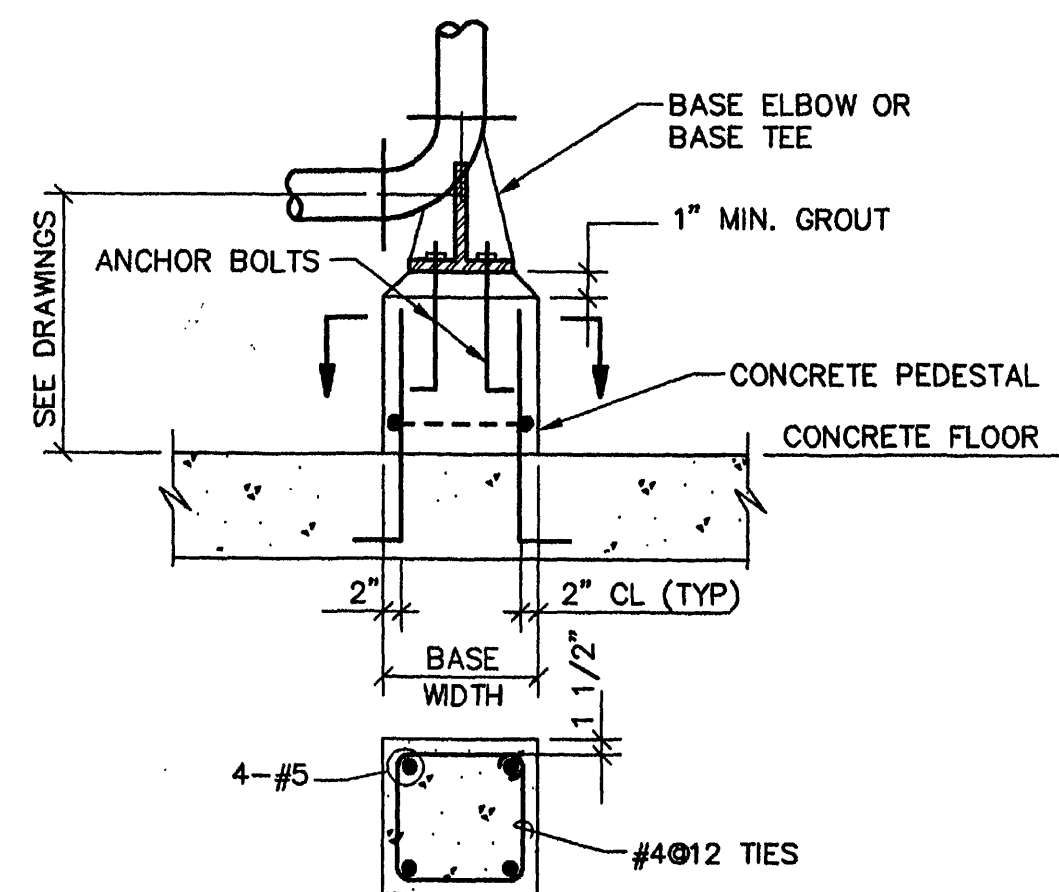
TYPICAL CONCRETE STAIR DETAILS



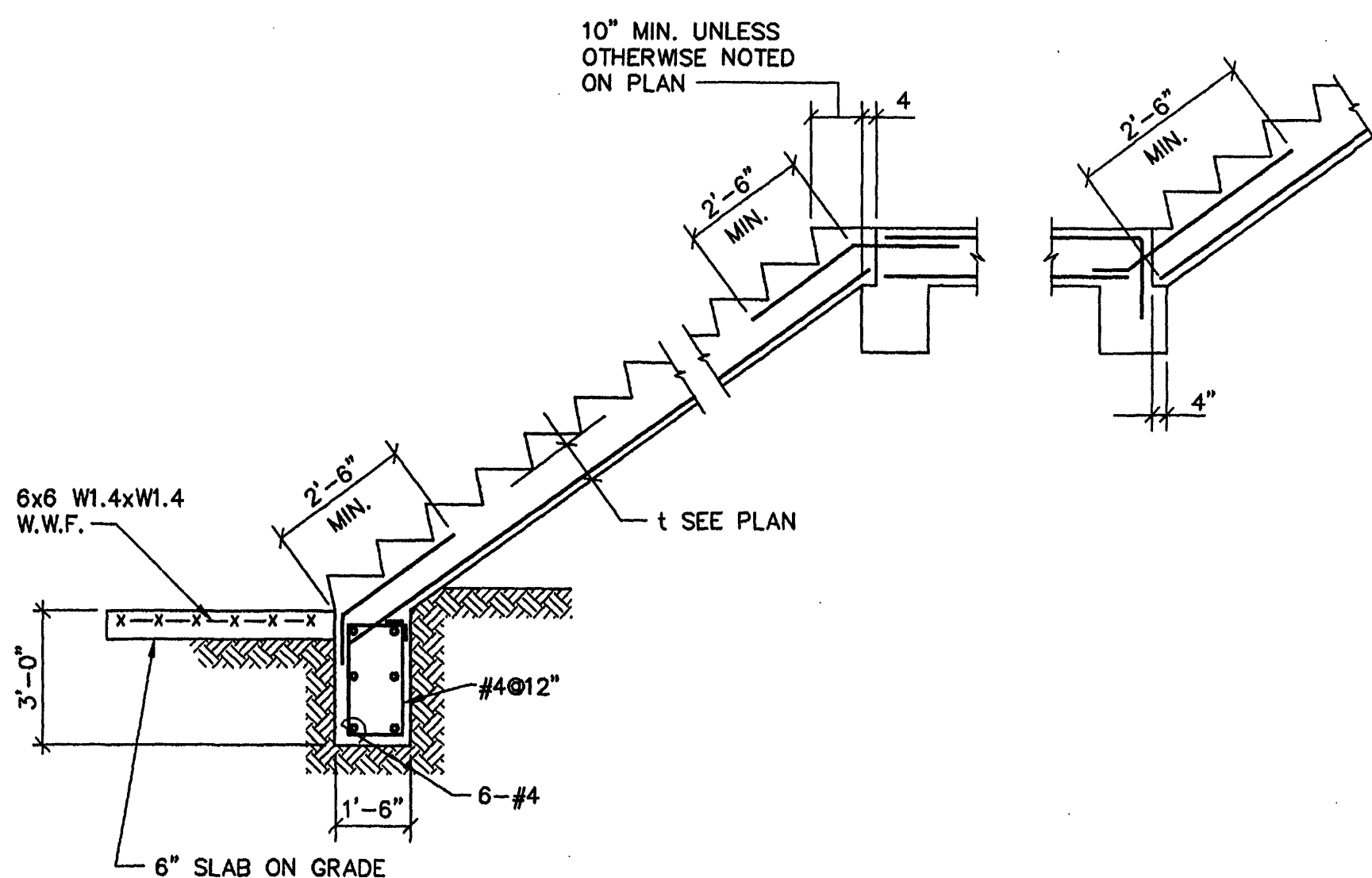
TYPICAL STOPLOG GROOVE DETAIL @ WALL
NOTE: STOPLOG GROOVE REQUIRED IN WALLS ONLY



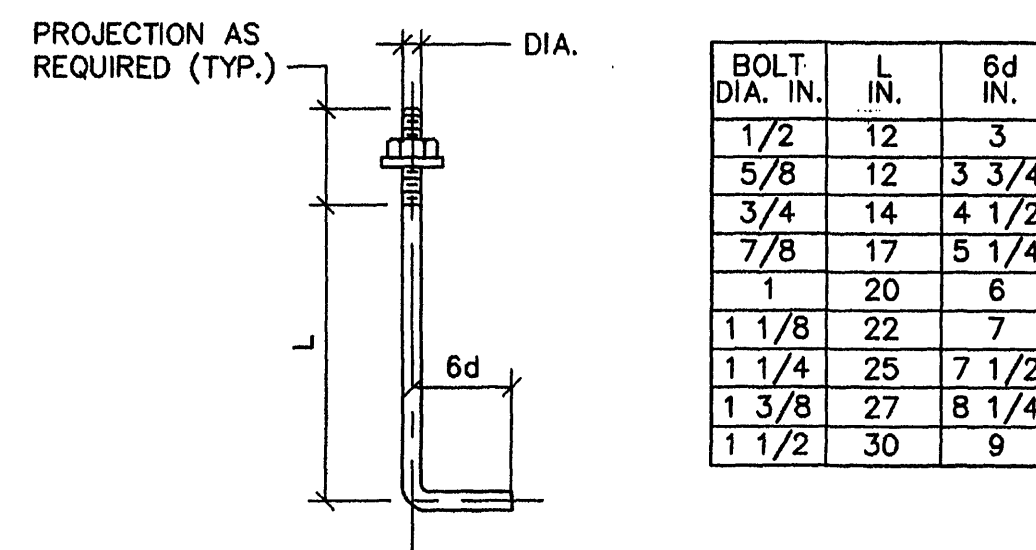
TYPICAL CONCRETE STAIR DETAIL



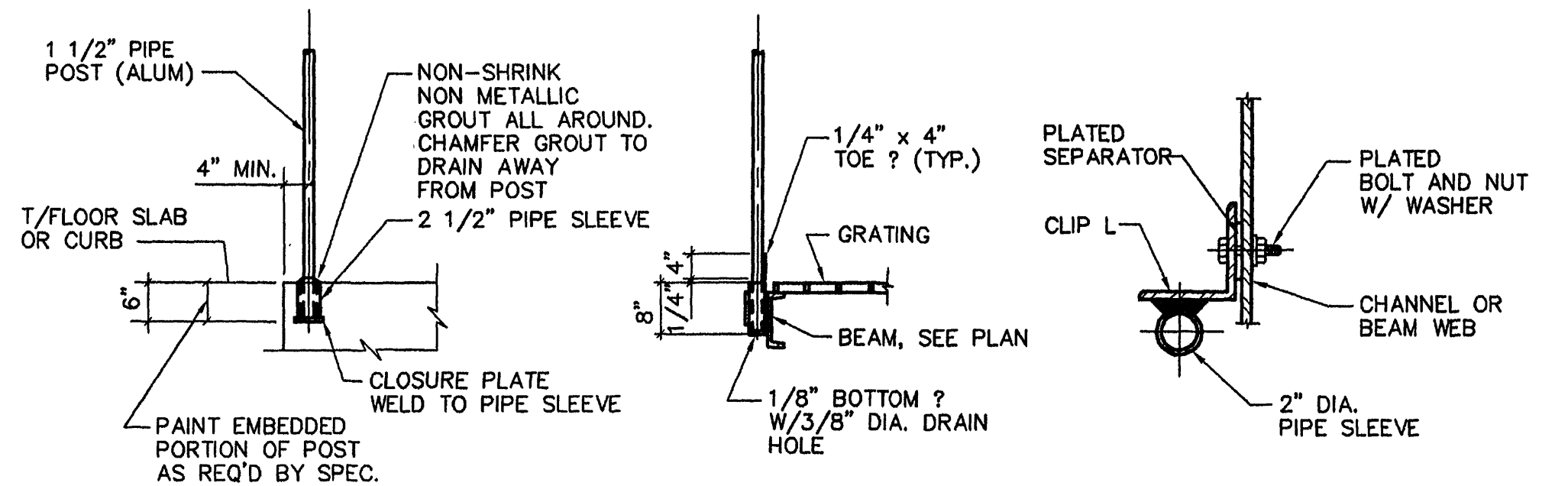
SECTION
CONCRETE PEDESTAL DETAIL
SCALE: NO SCALE



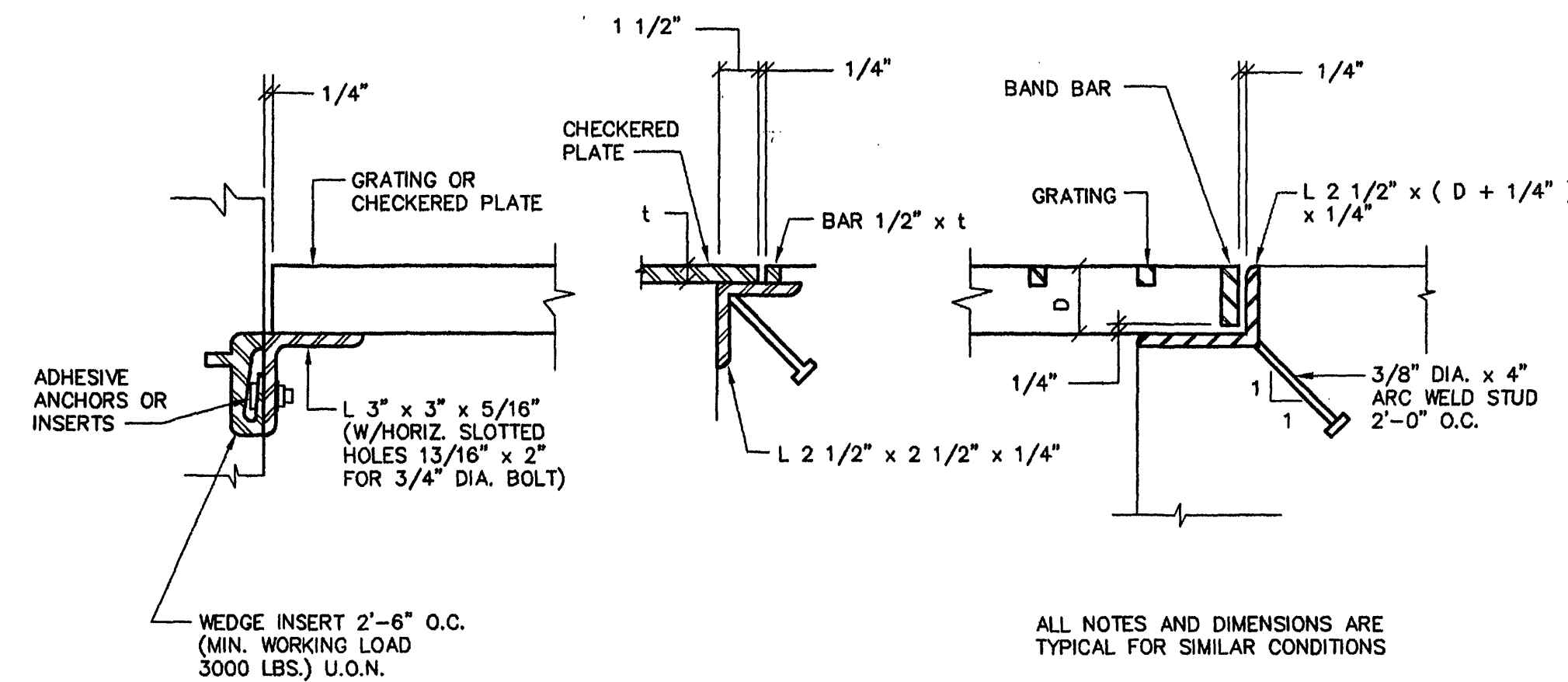
TYPICAL CONCRETE STAIR DETAIL
NOT TO SCALE



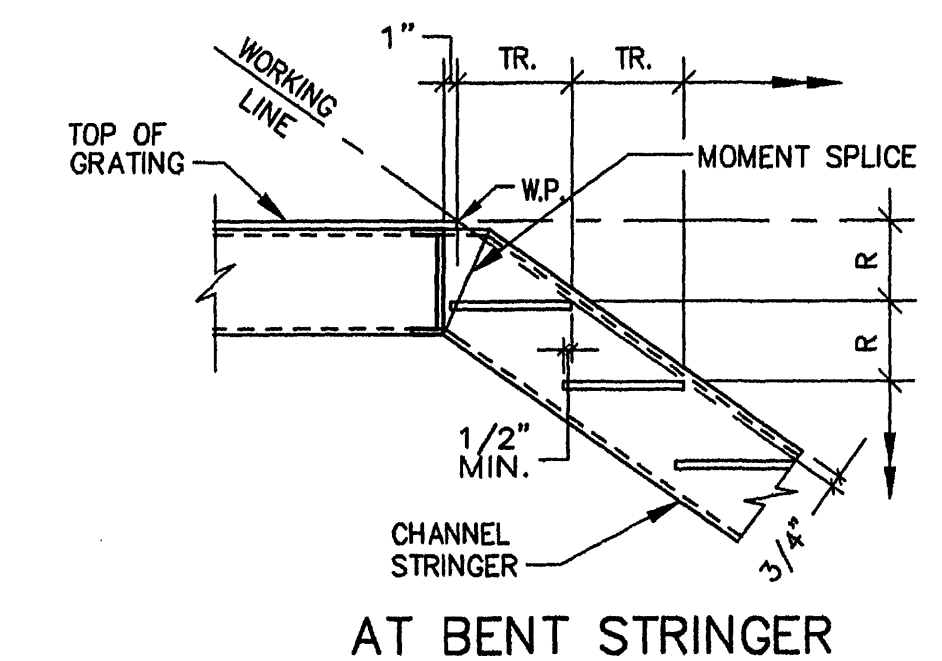
TYPICAL ANCHOR BOLT DETAIL



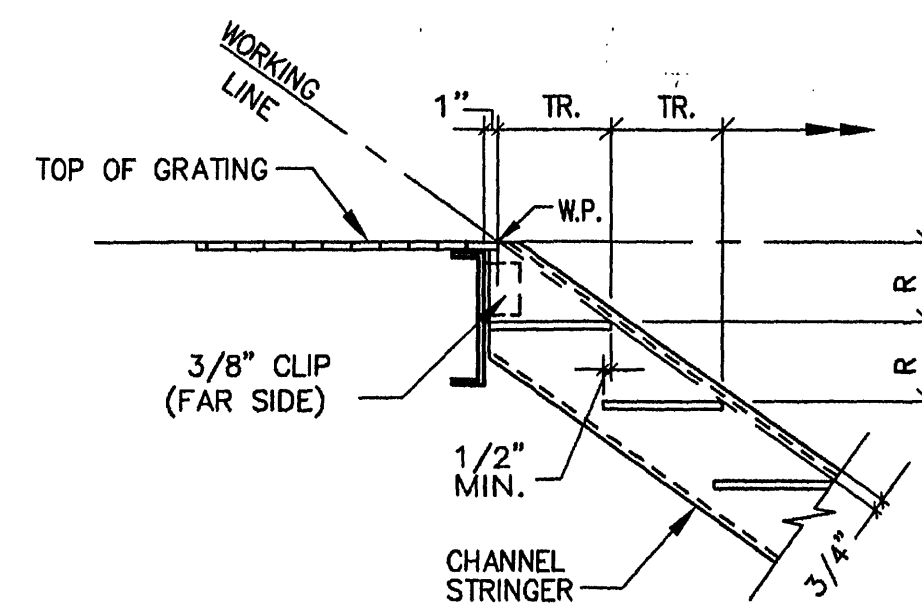
MOUNTING DETAILS
RAILING POST BASE CONNECTIONS



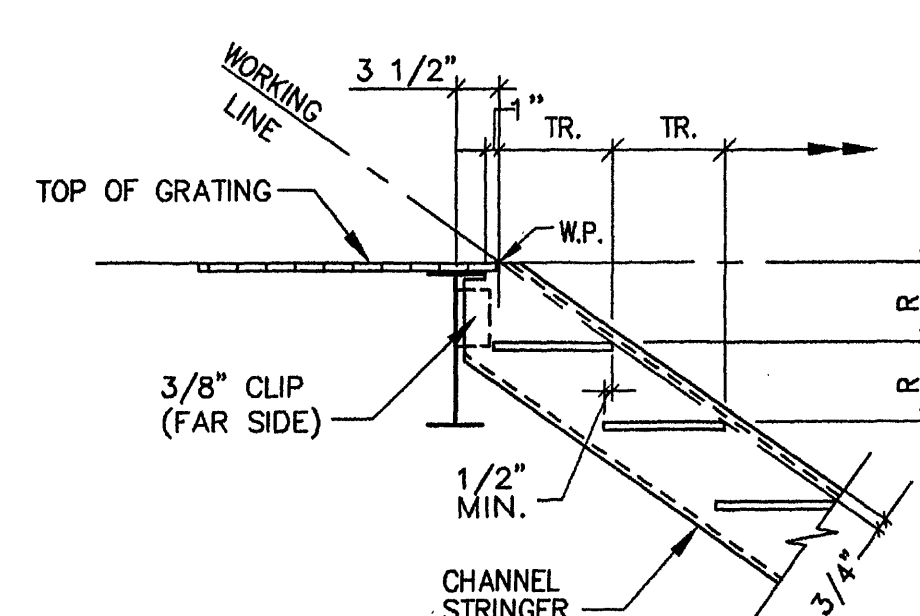
TYPICAL GRATING AND CHECKERED PLATE SUPPORT DETAILS
NOT TO SCALE



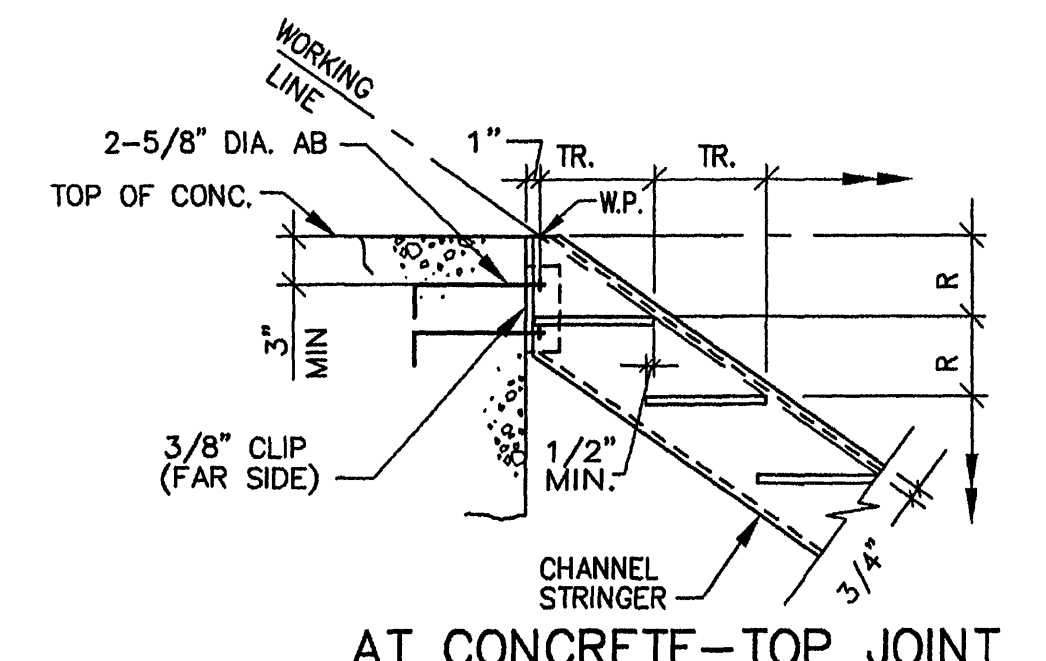
AT BENT STRINGER



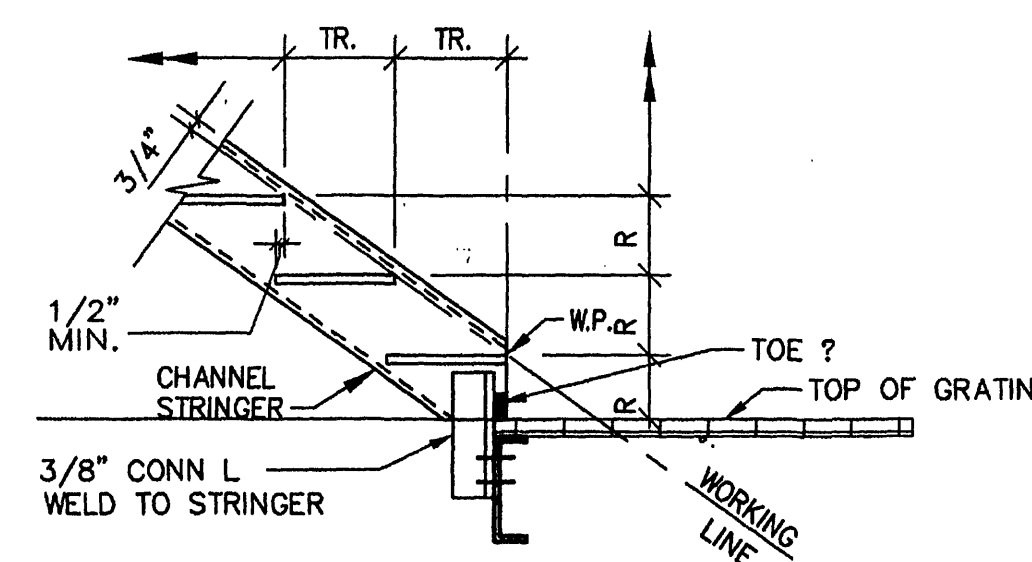
AT CHANNEL



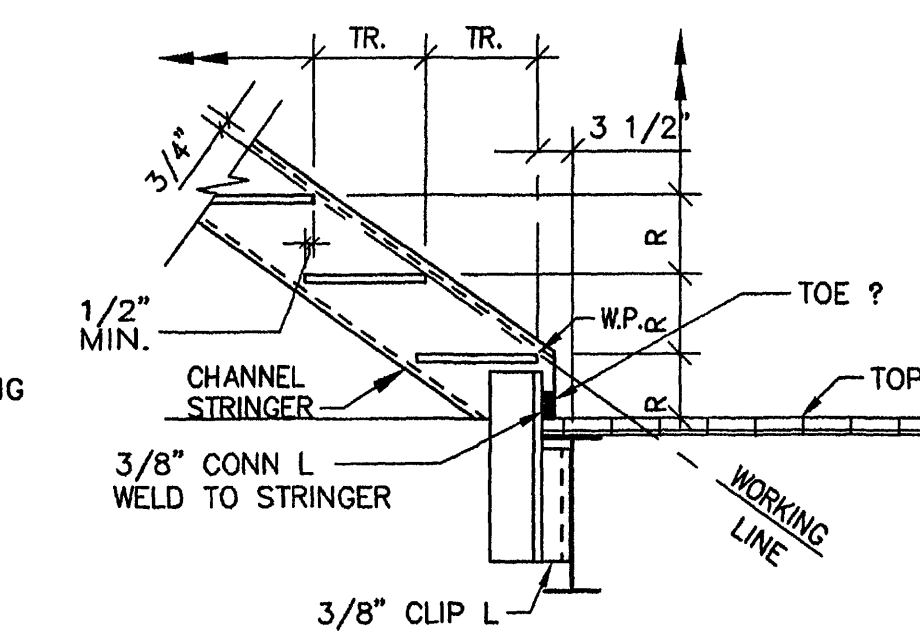
AT BEAM



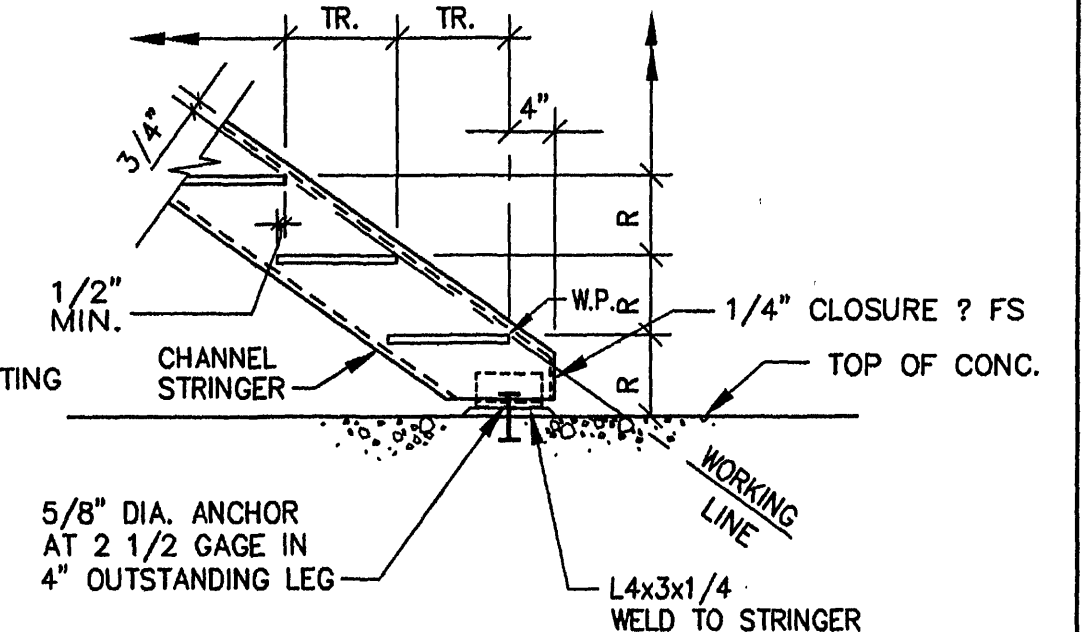
AT CONCRETE-TOP JOINT



AT CHANNEL



AT BEAM



AT CONCRETE

STEEL STAIR DETAILS

4873 006002852 L:\CAD\PROJ\00600285\00605367 Scale: 1:1 Date: 05/01/1997 Time: 08:37

**MALCOLM
PIRNIE**
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Newport News, Virginia 23606

REVISIONS				REMARKS
NO.	BY	DATE		
1	ARB	JAN. 2000	RECORD DRAWING	

DES -- MZ --
DWN -- DRK --
CKD -- DB --



CITY OF ROANOKE, VIRGINIA
WATER POLLUTION
CONTROL PLANT
UPGRADE AND EXPANSION

TYPICAL DETAILS
SHEET 2
NOT TO SCALE

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S SHEET 43 OF 44 --
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