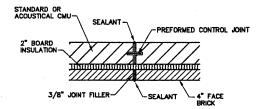
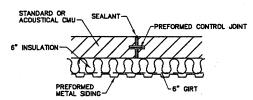
BAR SIZE			
US	METRIC	TOP BARS	OTHER BARS
# 3	# 10	16*	12"
# 4	# 13	20"	16"
# 5	# 16	26*	20"
# 6	# 19	30"	24"
# 7	# 22	42"	34"
# 8	# 25	48"	38"
# 9	# 29	56"	44"
# 10	# 32	62"	50"
# 11	# 36	68"	54"

- WHEN LAPPING TWO DIFFERENT SIZE BARS, THE SPLICE DIMENSION OF THE SMALLER BAR SHALL BE USED.
 TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BARS.
 THE ABOVE TABLE IS BASED UPON 4000 PSI CLASS I CONCRETE, UNCOATED BO KSI STEEL, MINIMUM BAR SPACING = 5 BAR DIAMETERS AND ACI CLASS B SPLICES. WHEN THESE CONDITIONS ARE NOT MET, SPLICE LENGTH SHALL BE DETERMINED IN ACCORDANCE WITH ACI 318—99.



SECTIONAL PLAN

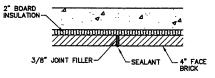
MASONRY CONTROL JOINT DETAIL (TYPE 1) 3/4" = 1'-0"



SECTIONAL PLAN

MASONRY CONTROL JOINT DETAIL (TYPE 2)

3/4" = 1'-0"



SECTIONAL PLAN

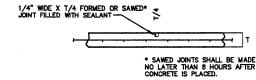
MASONRY CONTROL JOINT DETAIL

(TYPE 3) 3/4" = 1'-0"



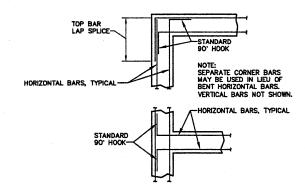
SECTION OR SECTIONAL PLAN

TYPICAL CONSTRUCTION JOINT DETAIL 1/2" = 1'-0"



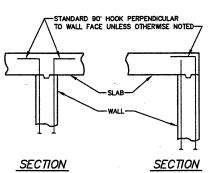
<u>SECTION</u>

TYPICAL SLAB CONTRACTION JOINT DETAIL



SECTIONAL PLAN

TYPICAL WALL INTERSECTION REINFORCING DETAILS



SECTION

TYPICAL WALL/ELEVATED SLAB INTERSECTION REINFORCING DETAILS

CITY OF MASSILLON, OHIO WWTP UPGRADE 2000 MISCELLANEOUS STRUCTURAL DETAILS ENVIRONMENTAL, INC. ENGINEERS IN WATER AND EARTH SCIENCES UNIONTOWN, OHIO

> E9031 8/13/01 SCALE AS NOTED

> > SHEET SB9