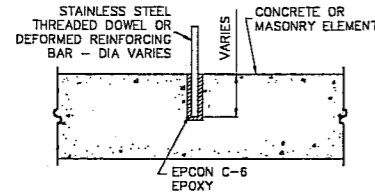


REINFORCING BAR LAP SCHEDULE

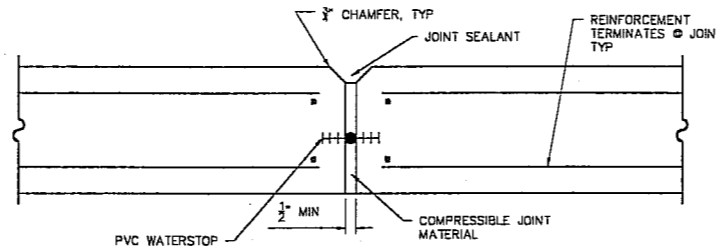
BAR SIZE	LAP LENGTH
#4	2'-0"
#5	2'-8"
#6	3'-9"
#7	5'-2"
#8	6'-9"
#9	8'-6"

DOWEL EMBEDMENT DEPTHS

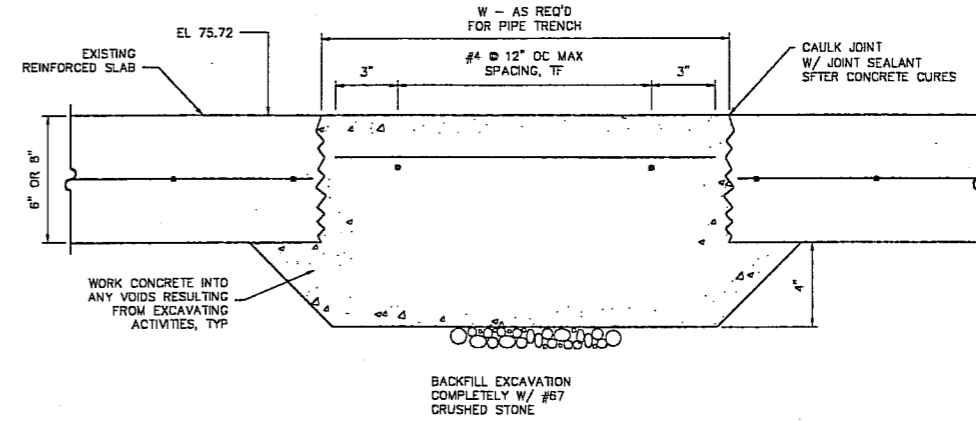
DIAMETER	DOWEL EMBEDMENT DEPTHS	
	STAINLESS STEEL THREADED DOWEL	DEFORMED REINFORCING BAR
3/8"	4 1/2"	4 1/2"
1/2"	6"	6"
5/8"	7 1/2"	7 1/2"
3/4"	9"	10"
7/8"	10 1/2"	13"
1"	12"	16"



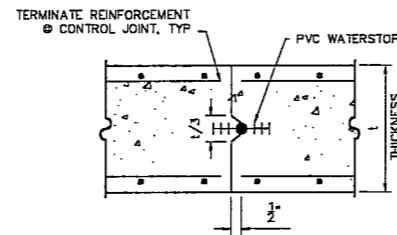
EPOXY-DOWEL DETAIL
SCALE: 1" = 1'-0"



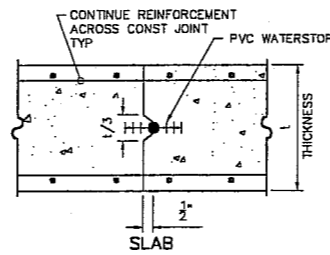
TYPICAL EXPANSION JOINT SLABS AND WALLS
SCALE: 3" = 1'-0"



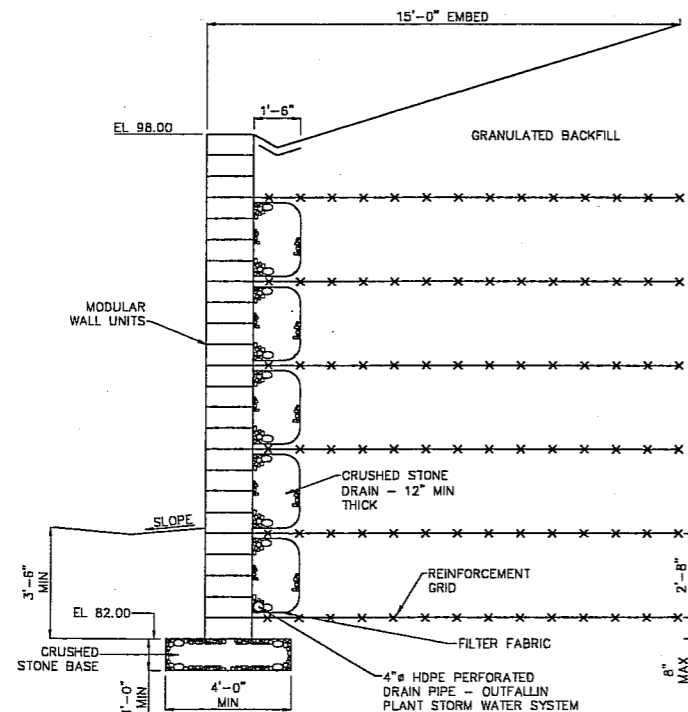
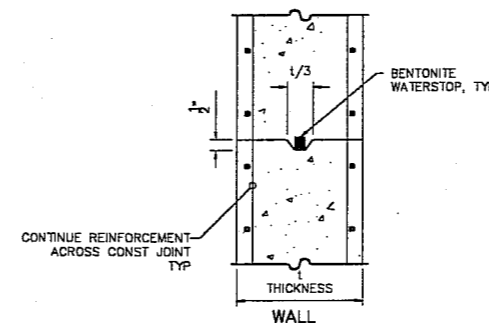
TYPICAL SECTION CONCRETE FLOOR REPLACEMENT
SCALE: 3" = 1'-0"



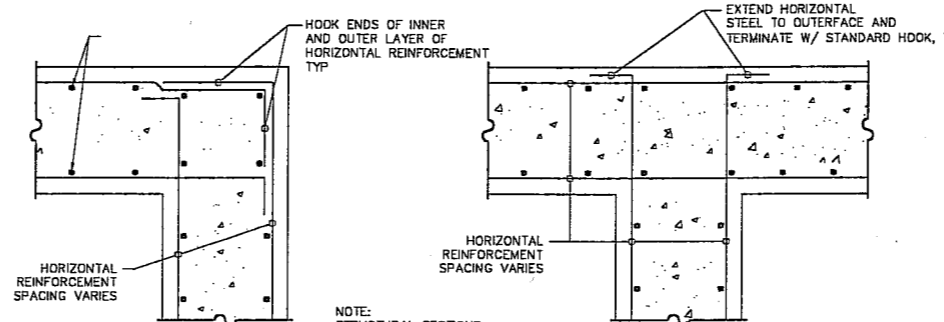
TYPICAL CONTROL JOINTS SLABS AND WALLS
SCALE: 3" = 1'-0"



TYPICAL CONSTRUCTION JOINTS SLABS AND WALLS
SCALE: 3" = 1'-0"



RETAINING WALL TYPICAL SECTION



TYPICAL WALL CORNER DETAIL
SCALE: 3" = 1'-0"

TYPICAL WALL INTERSECTION DETAIL
SCALE: 3" = 1'-0"

NOTE: STRUCTURAL SECTIONS INDICATE WHETHER HORIZONTAL OR VERTICAL STEEL SHALL BE PLACED NEAREST TO THE FORMED SURFACE.

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UNIONTOWN, OHIO

CITY OF MASSILLON, OHIO
WWTP UPGRADE 2000
MISCELLANEOUS STRUCTURAL DETAIL

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