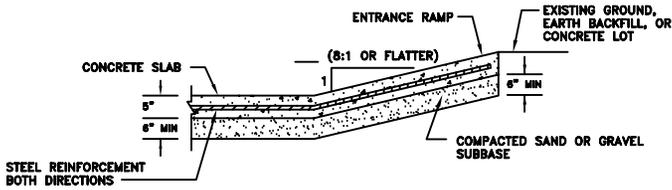
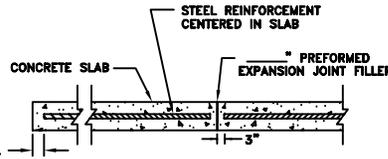


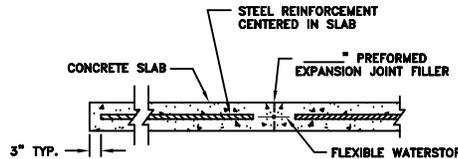
TYPICAL SECTION—EARTHEN WALL AROUND SLAB



TYPICAL SECTION—CONCRETE ENTRANCE RAMP

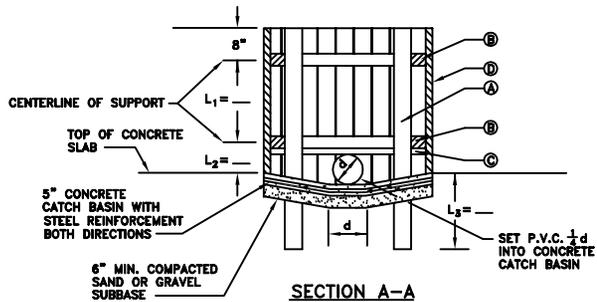


NON-LIQUID TIGHT

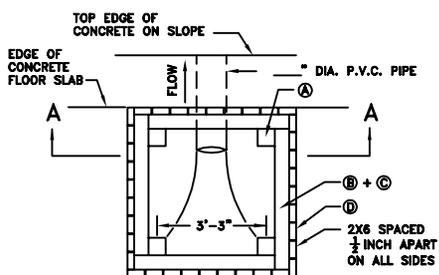


LIQUID TIGHT

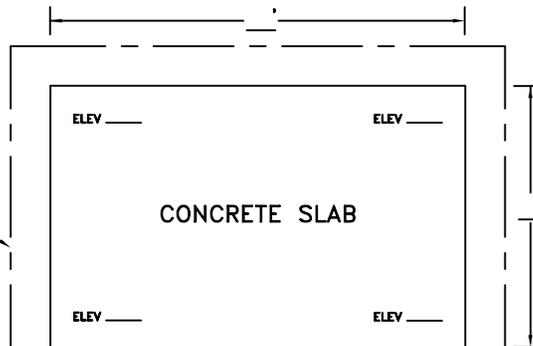
TYPICAL EXPANSION/CONSTRUCTION JOINT DETAILS & STEEL REINFORCEMENT DETAILS



SECTION A-A



PLAN VIEW OF TIMBER BOX INLET



PLAN VIEW OF STACKING SLAB

NOTE: SHOW LOCATIONS OF ENTRANCE RAMP, TIMBER BOX INLET.

MATERIALS NOTES

1. CONCRETE SHALL BE AIR-ENTRAINED.
2. CONCRETE SHALL BE CLASS 400M (NO LESS THAN 6 BAGS OF CEMENT /C.Y. AND NO MORE THAN 6 GAL. OF WATER /BAG OF CEMENT).
3. THE SAND OR GRAVEL SUBBASE MATERIAL SHALL BE CLEAN PIT RUN SAND OR GRAVEL WITH LESS THAN 5% BY WEIGHT PASSING THE #200 SIEVE.
4. ALL TREATED LUMBER SHALL BE NO.2 GRADE SOUTHERN YELLOW PINE WITH 0.60 RETENTION.

CONSTRUCTION NOTES

1. ALL JOINTS SHALL DIVIDE THE SLAB INTO SQUARE OR RECTANGULAR SECTIONS WITH THE LONGER SIDE BEING NO MORE THAN ONE-AND-A-HALF TIMES THE LENGTH OF THE SHORTER SIDE. THE MAXIMUM SPACING OF THE EXPANSION JOINTS SHALL BE 50 FEET FOR THE WIRE MESH, OR 70 FEET FOR THE REINFORCING BARS.
2. EXPANSION JOINT WIDTHS SHALL BE 1/2 INCH MINIMUM FOR JOINT SPACINGS UP TO 30 FEET, 3/4 INCH MINIMUM FOR JOINT SPACINGS UP TO 50 FEET AND 1 INCH FOR JOINT SPACINGS UP TO 70 FEET.
3. ANY FORMS USED IN CONSTRUCTION SHALL BE REMOVED.

DESIGN NOTES

1. DRAIN TILE SHALL BE CONSIDERED A SPECIAL DESIGN.
2. IF RUNOFF FROM THE LOT IS ALLOWED TO ENTER THE STACKING SLAB, DETAILS SHALL BE SHOWN TO DIVERT THE RUNOFF TO THE LOW END OF THE SLAB SO THE RUNOFF DOES NOT RUN THROUGH STACK.
3. TIMBER BOX INLET REQUIREMENTS:
 $L_1 \leq 3'$ (C) IS NOT REQUIRED $L_3 = 3'-6"$
 $3' < L_1 < 4'$ (C) IS REQUIRED $L_3 = 4'-9"$
 L_2 IS DETERMINED BY THE PVC DIAMETER.

STACKING SLAB QUANTITIES

QUANTITY	UNIT	ITEM
_____	CU. YDS.	EXCAVATION
_____	CU. YDS.	EARTH FILL
_____	CU. YDS.	SOIL LINER
_____	CU. YDS.	SAND OR GRAVEL SUBBASE
_____	CU. YDS.	CONCRETE CLASS 400M
_____	LN. FT.	PREFORMED EXPANSION JOINT FILLER
_____	LN. FT.	FLEXIBLE WATERSTOP
_____	SQ. FT.	WWF 6" X 6" W2.9 X W2.9
_____	LN. FT.	REINFORCING BARS
_____	#	GRADE _____ LBS.
_____	#3 @ 10"	GRADE 40,
_____	#3 @ 12"	GRADE 60,
_____	#4 @ 18"	GRADE 40 OR 60,

TREATED TIMBER BOX INLET QUANTITIES

MARK	ITEM	LENGTH	QUANTITY
(A)	6X6 TREATED LUMBER		4
(B)	4X4 TREATED LUMBER	4-0	8
(C)	2X4 TREATED LUMBER	4-0	8
(D)	2X6 TREATED LUMBER		36

Designed _____
 Drawn _____
 Checked _____
 Approved _____

WASTE MANAGEMENT SYSTEM
 CONCRETE STACKING SLAB WITH EARTHEN EMBANKMENT &
 TIMBER BOX INLET DETAIL

USDA NRCS
 Natural Resources Conservation Service

File No. MN605.DWG
 Drawing No. MN-ENG-605
 5/02

REVISIONS	
NO.	DATE

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