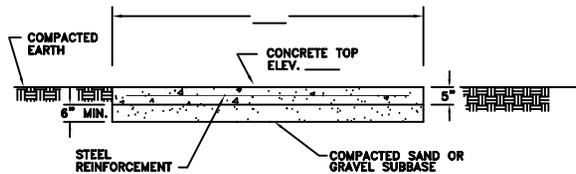
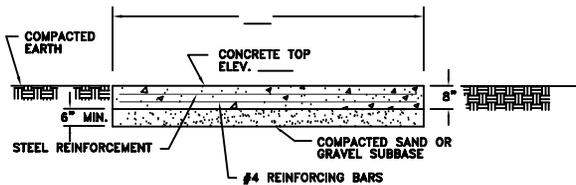


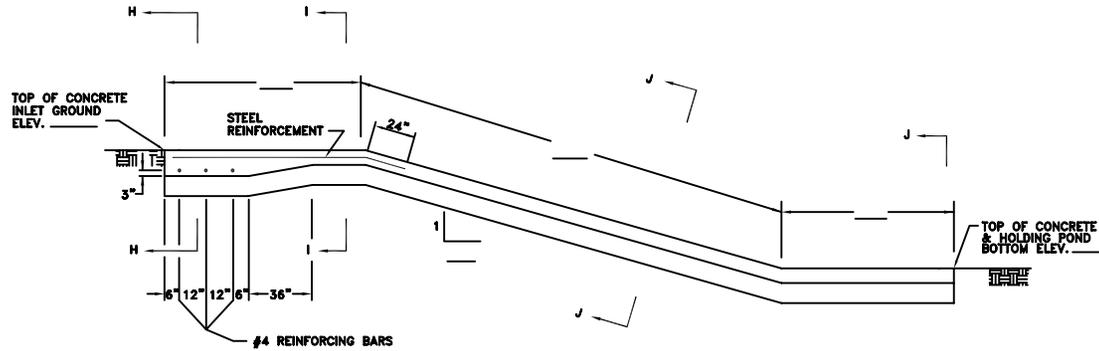
TYPICAL SECTION J-J



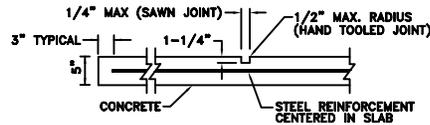
TYPICAL SECTION I-I



TYPICAL SECTION H-H



RAMP PROFILE  
(NOT TO SCALE)



TYPICAL CONTROL JOINT DETAIL  
AND STEEL REINFORCEMENT DETAILS

**MATERIALS NOTES**

1. CONCRETE SHALL BE AIR-ENTRAINED.
2. CONCRETE SHALL BE CLASS 4000M (NO LESS THAN 6 BAGS OF CEMENT /C.Y. AND NO MORE THAN 6 GAL OF WATER /BAG OF CEMENT).
3. THE SAND + GRAVEL SUBBASE MATERIAL SHALL BE CLEAN PIT RUN SAND AND WITH LESS THAN 5% BY WEIGHT PASSING THE #200 SIEVE.

**CONSTRUCTION NOTES**

1. CONTROL JOINTS SHALL DIVIDE THE RAMP INTO SQUARE OR RECTANGULAR SECTIONS (HORIZONTAL PROJECTION) WITH THE LONGER SIDE BEING NO MORE THAN ONE-AND-A-HALF TIMES THE LENGTH OF THE SHORTER SIDE. THE MAXIMUM SPACING IN THE UNREINFORCED SLAB SHALL BE 10FT. THE MAXIMUM SPACING IN THE REINFORCED SLAB SHALL BE 50FT.
2. ANY FORMS USED IN CONSTRUCTION SHALL BE REMOVED.

RAMP QUANTITIES		
QUANTITY	UNIT	ITEM
_____	CU. YDS.	EXCAVATION
_____	CU. YDS.	SAND OR GRAVEL SUBBASE
_____	CU. YDS.	CONCRETE CLASS 4000M
_____	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,

DESIGNED	_____
DRAWN	_____
CHECKED	_____
APPROVED	_____

WASTE MANAGEMENT SYSTEM  
PUMPOUT RAMP, PROFILE & DETAILS



File No.  
MN607.DWG

Drawing No.  
MN-ENG-607  
5/02

REVISIONS	
NO.	DATE

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