



1/2 SECTION OF ENTRANCE GATE

COMPACTION	MOISTURE		
	PPTIMUM	2%	4%
95%	8.0"	9.5"	9.5"
98%	8.0"	8.0"	9.0"

PENETROMETER (TONS/SF)	REQUIRED THICKNESS (INCHES)
2.2	8"
2.1	8.5"
2.0	8.5"
1.9	9"
1.8	9"
1.7	9.5"
1.6	9.5"
1.5	10"
1.4	11"
1.3	12"
1.2	13"

NOTE:

FOR PENETROMETER READINGS LESS THAN 1.2, THE SUBGRADE IS TOO POOR TO USE. CORE OUT AND REPLACE POOR MATERIAL WITH SUITABLE MATERIAL, OR STABILIZE THE SUBGRADE WITH LIME. LIME APPLICATION RATE IS 10 LBS / SF. OR 1 TON / 200 SF. DISK LIME INTO THE SUBGRADE TO A 12" MINIMUM DEPTH AND RECOMPACT WITH SHEEPS FOOT ROLLER. DO NOT APPLY LIME WITH IMMINENT WEATHER. PROVIDE 8" ROAD THICKNESS AFTER LIME STABILIZATION ONLY AFTER VERIFICATION WITH PENETROMETER.

ROAD DESIGN THICKNESS TABLES

FOR INFORMATION ONLY

MORTENSON

REV NO	REVISION	DATE	CHECKED	APPROVED	REV NO	REVISION	DATE	CHECKED	APPROVED

ENGINEERING REVIEW			DRAWING CONTROL				TITLE:
DISC	ENGR	DATE	PURPOSE	APPROVED	DATE	RELEASED	DATE
			FOR INFORMATION				
			FOR COMMENT				
			FOR BID				
			FOR FABRICATION				
			FOR CONSTRUCTION				

PROJECT: TYPICAL ENTRANCE DETAIL						
DRAWING NO:				PROJECT NO:		
SCALE:	NTS	DRAWN:	CHECKED:	SHEET: 3 OF 3	REV:	