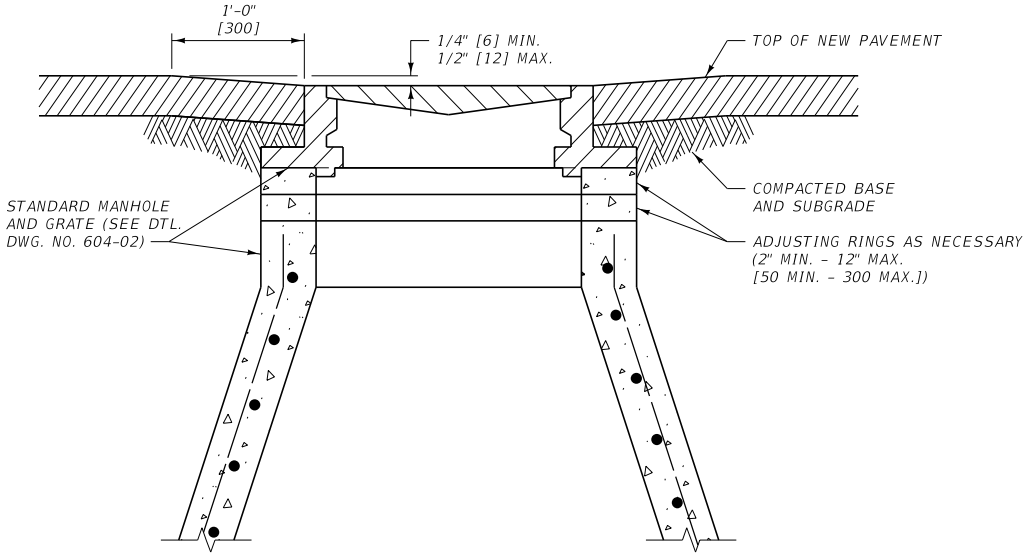
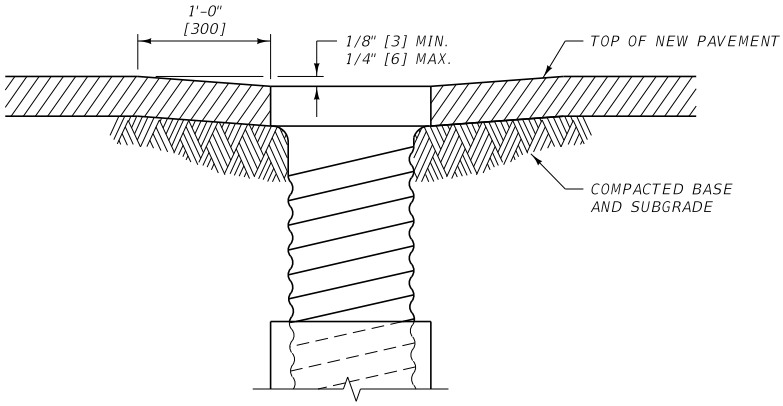


NOTES:

1. ADJUST MANHOLES UPWARD WITH ADJUSTING RINGS UNDER FRAME.
2. ADJUST MANHOLES DOWNWARD BY REMOVING CONE AND BARREL SECTIONS AS NECESSARY AND REPLACING WITH SECTIONS OF LENGTH REQUIRED TO MATCH GRADE.
3. SLOPE MANHOLE FRAME AS REQUIRED TO MATCH SLOPE OF STREET.
4. MAKE FINAL MANHOLE ADJUSTMENTS BEFORE PAVING.

MANHOLE ADJUSTMENT DETAIL



NOTES:

1. ADJUST WATER VALVES UPWARD OR DOWNWARD AS REQUIRED.
2. MAKE FINAL ADJUSTMENT BEFORE PAVING.

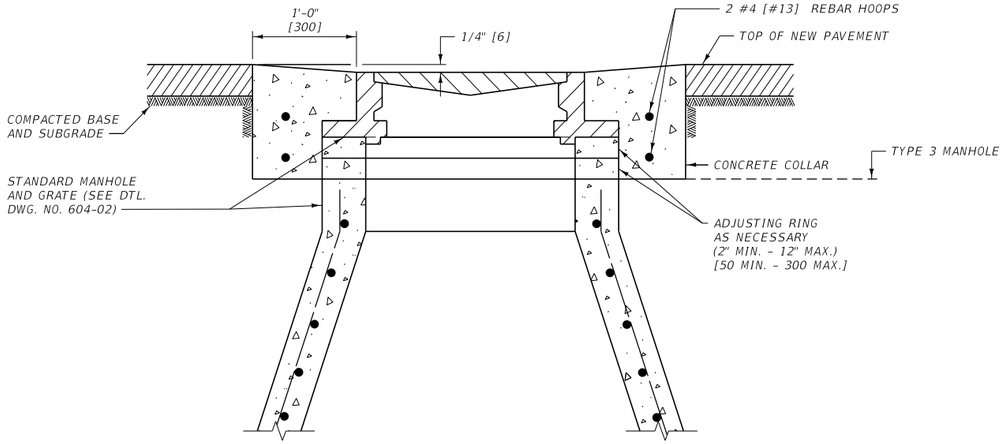
VALVE BOX ADJUSTMENT DETAIL

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWING	
REFERENCE STANDARD SPEC. SECTION 604, 621	DWG. NO. 621-00

MANHOLE AND
VALVE BOX
ADJUSTMENT DETAILS

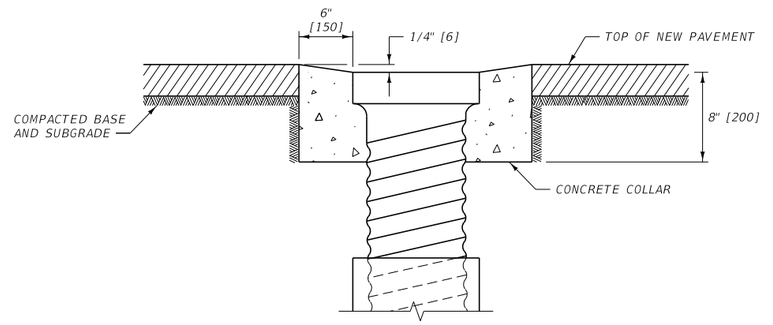
MDT MONTANA DEPARTMENT OF TRANSPORTATION



NOTES:

1. ADJUST MANHOLES UPWARD WITH ADJUSTING RINGS UNDER FRAME.
2. ADJUST MANHOLES DOWNWARD BY REMOVING CONE AND BARREL SECTIONS AS NECESSARY AND REPLACING WITH SECTIONS OF LENGTH REQUIRED TO MATCH GRADE.
3. SLOPE MANHOLE FRAME AS REQUIRED TO MATCH SLOPE OF STREET.
4. CONSTRUCT CONCRETE COLLAR OF CLASS GENERAL CONCRETE OR APPROVED EQUAL.

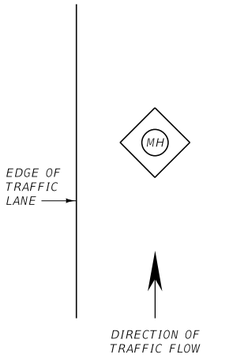
MANHOLE ADJUSTMENT DETAIL

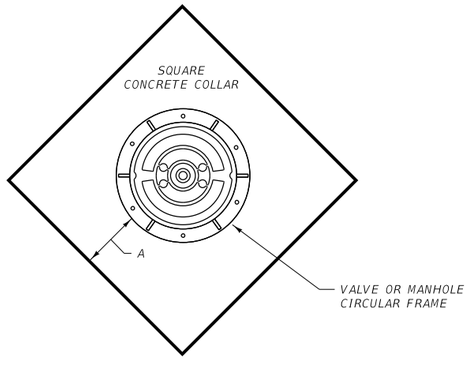


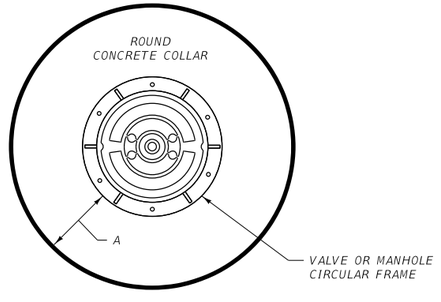
NOTES:

1. ADJUST WATER VALVES UPWARD OR DOWNWARD AS REQUIRED.
2. CONSTRUCT CONCRETE COLLAR OF CLASS GENERAL CONCRETE OR APPROVED EQUAL.

VALVE BOX ADJUSTMENT DETAIL







TYPE	DIMENSIONS	SQUARE COLLAR QUANTITIES	ROUND COLLAR QUANTITIES
	A	CLASS GENERAL CONCRETE	CLASS GENERAL CONCRETE
MANHOLE	1'-0" [300]	0.5 C.Y. [0.4m³]	0.4 C.Y. [0.3m³]
VALVE	0'-6" [150]	0.2 C.Y. [0.2m³]	0.1 C.Y. [0.1m³]

CONCRETE COLLAR DETAIL

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWING

REFERENCE STANDARD SPEC. SECTION 604, 621

DWG. NO. 621-05

OPTIONAL MANHOLE AND VALVE BOX ADJUSTMENT DETAILS

MDT MONTANA DEPARTMENT OF TRANSPORTATION