

## QUANTITIES FOR CONCRETE MANHOLE BOX BASE

Computer File Inform	ition	
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	Sheet Revisions		
R-X	Date:	Comments	
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(K-X)			

## Colorado Department of Transportation



### DOT Denver, Colorado ### 80222 Phone: (303) 757-9083 Fax: (303) 757-9820

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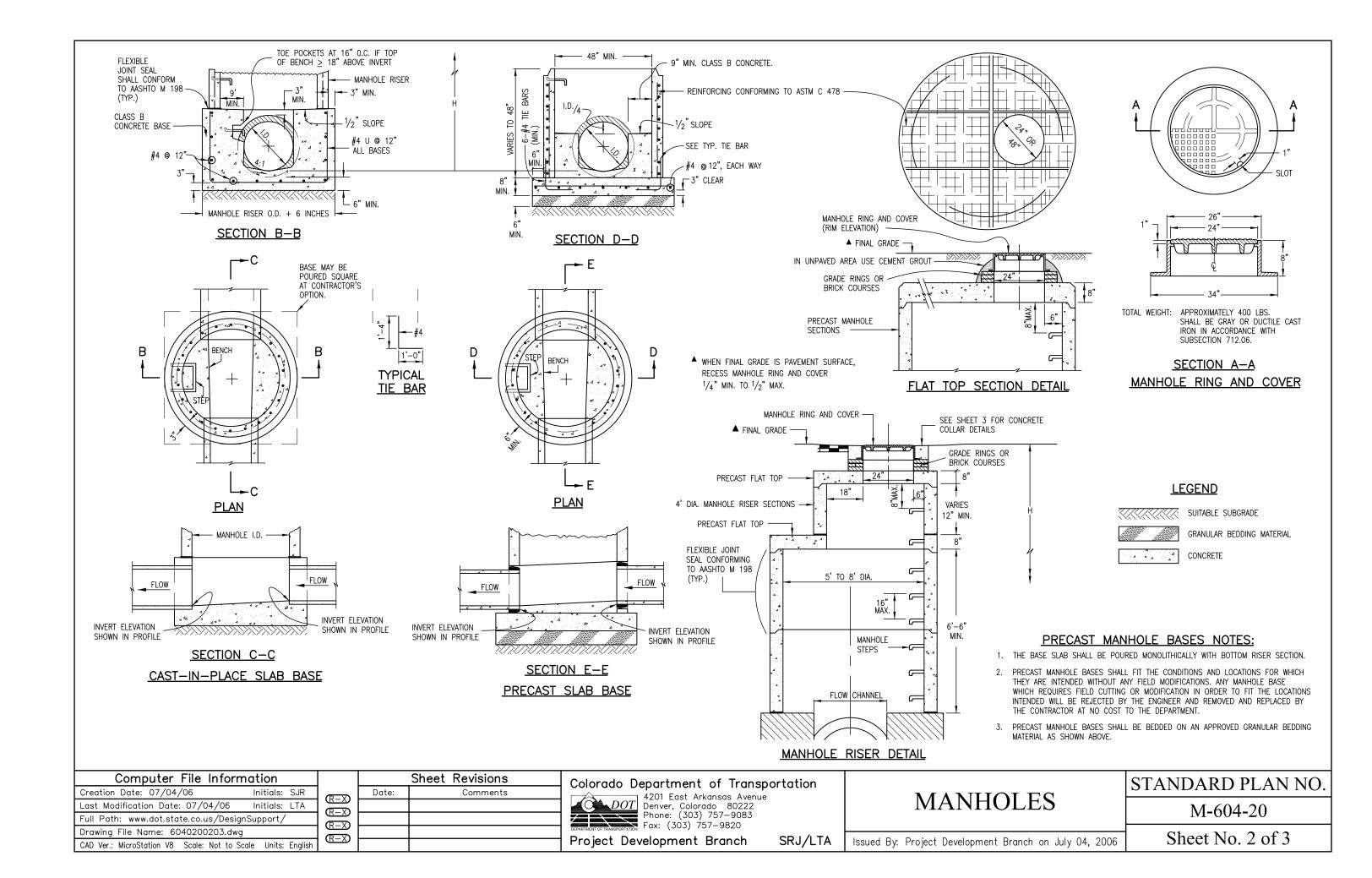
## **MANHOLES**

STANDARD PLAN NO.

M-604-20

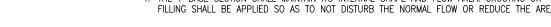
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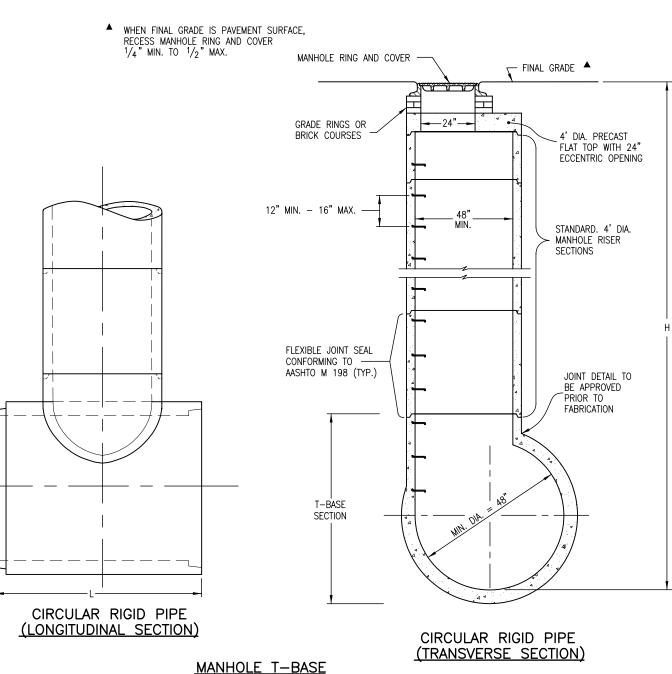
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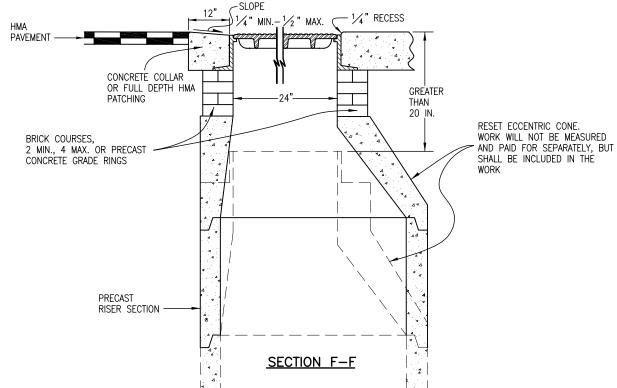


- 2. THESE DETAILS SHOW ONLY THE CONCEPTUAL AND STANDARD DIMENSIONAL REQUIREMENTS FOR TYPE T-BASE MANHOLES. THE CONTRACTOR SHALL FURNISH DETAILED SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE DETAILS SHOWN HEREIN APPLY ONLY TO 48 IN.
- 3. EXCEPT FOR CLASS OF PIPE, SPECIFICATIONS FOR THE MANHOLE SHALL BE THE SAME AS THOSE REQUIRED FOR THE ADJOINING PIPE.
- 4. THE T-BASE SECTION SHALL MAINTAIN ITS INTERNAL SHAPE AND FLOW AREA. GROUTING OR FILLING SHALL BE APPLIED SO AS TO NOT DISTURB THE NORMAL FLOW OR REDUCE THE AREA.





НМА	CONCRETE COLLAR OR FULL DEPTH HMA PATCHING SHALL BE IN ACCORDANCE WITH SECTIONS 403 OR 412	12" SLOPE 1/4" MIN. – 1/2" MAX. — 1/4" RECESS	
PAVEMENT -	BRICK COURSES	CEMENT MORTAR	
	PRECAST CONCRETE GRADE RINGS OR ADJUSTABLE METAL RINGS	SECTION F-F  ADJUST MANHOLE 20 IN. OR LESS	MORTAR THICKNESS MAY BE NONSYMMETRICAL TO MATCH CROSS SLOPE OF ROADWAY.



MODIFY MANHOLE GREATER THAN 20 IN.

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APPROVED BY THE ENGINEER.

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R=X)			

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4201 East Arkansas Avenue DOT Denver, Colorado 80222
Phone: (303) 757-9083
Fax: (303) 757-9820

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**MANHOLES** 

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