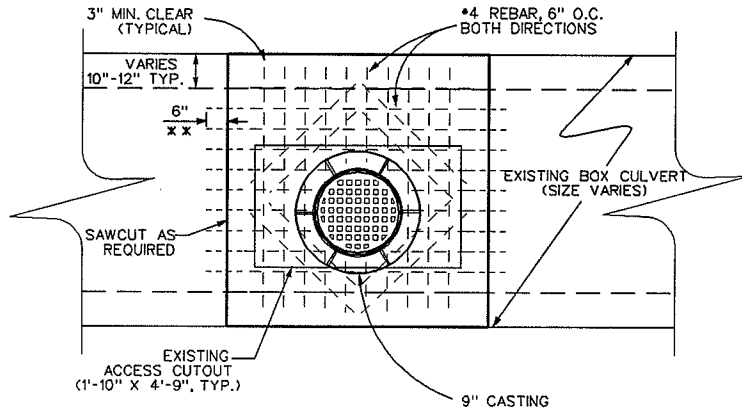


ALL REINFORCEMENT SHALL BE EPOXY COATED.

\*\* IF FALSEWORK IS USED, #6 DOWELS, 12" O.C., SHALL BE PLACED LONGITUDINALLY TO EXTEND 6" INTO EXISTING ROOF. ALL DOWELS SHALL BE GROUTED WITH EPOXY MORTAR.

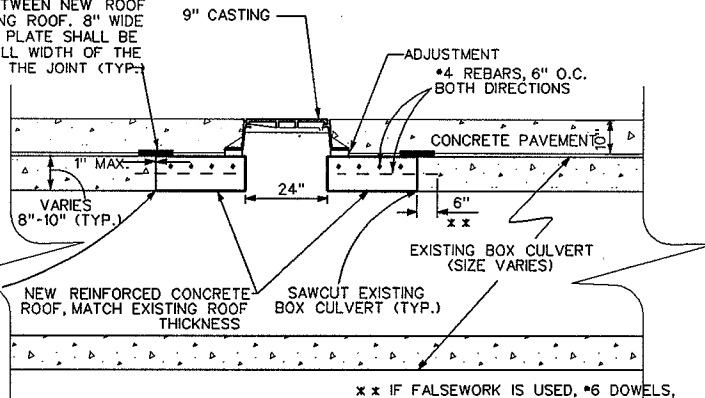


NOTE:  
NEW ROOFS FOR TYPE 1 AND TYPE 2 SHALL BE POURED SEPARATELY FROM THE EXISTING BOX CULVERT UNLESS FALSEWORK IS TO BE UTILIZED FOR TYPE 2 ROOF REPAIRS. NEW ROOFS SHALL BE POURED ON A LEVEL, FLAT SURFACE.

**PATCH RCBC ROOF  
TYPE I & TYPE II  
TOP VIEW**

1" GAP (MAXIMUM) ALLOWABLE SPACING BETWEEN NEW ROOF AND EXISTING ROOF. 8" WIDE 1/4" STEEL PLATE SHALL BE PLACED THE FULL WIDTH OF THE BOX CENTERED ON THE JOINT (TYP.)

NOTE:  
THE OUTSIDE ADJUSTING RINGS SHALL BE SEALED WITH A 1/2" THICK, AIR ENTRAINED MORTAR TYPE M OR S SEAL (TYP.)

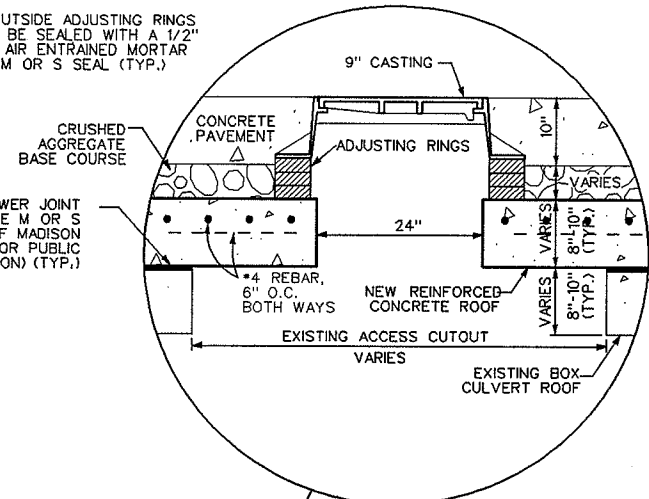


\*\* IF FALSEWORK IS USED, #6 DOWELS, 12" O.C., SHALL BE PLACED LONGITUDINALLY TO EXTEND 6" INTO EXISTING ROOF. ALL DOWELS SHALL BE GROUTED WITH EPOXY MORTAR.

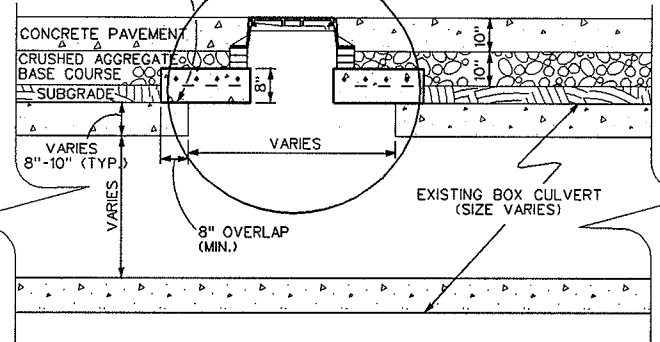
**TYPE II REPAIR  
SIDE VIEW**

NOTE:  
THE OUTSIDE ADJUSTING RINGS SHALL BE SEALED WITH A 1/2" THICK, AIR ENTRAINED MORTAR TYPE M OR S SEAL (TYP.)

SEALTIGHT COLD PLASTIC SEWER JOINT COMPOUND OR AIR ENTRAINED TYPE M OR S MORTAR (PER THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION) (TYP.)



SEALTIGHT COLD PLASTIC SEWER JOINT COMPOUND OR AIR ENTRAINED TYPE M OR S MORTAR (PER THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION) (TYP.)



**TYPE I REPAIR  
SIDE VIEW**

2004

CITY OF MADISON  
ENGINEERING DIVISION

RCBC REPAIR  
TYPE I & TYPE II

STANDARD DETAIL DRAWING 5.1.2

5.1.2