



**SECTION A-A**

①	FRAME AND COVER, SEE STANDARD DETAIL #302, CIRCLE NOTE 1.
②	MIN 4,000 PSI CONCRETE COLLAR WITH LAMP BLACK PIGMENT ADDED TO MATCH COLOR OF AC PAVEMENT. COLLAR SHALL MATCH ROADWAY SURFACE LEVEL.
③	STANDARD TWENTY-FOUR (24) INCH DIAMETER MANHOLE GRADE RINGS. THREE (3) INCH MINIMUM THICK, EIGHTEEN (18) INCH MAXIMUM NECK FROM BOTTOM OF FLAT SLAB TO ROADWAY SURFACE.
④	USE FLAT SLAB TOP IF DEPTH DOES NOT PERMIT USE OF TAPERED CONE. DESIGN SHALL MEET H-20 LOADING REQUIREMENTS AND BE TESTED IN ACCORDANCE WITH ASTM C-497. MANHOLE OPENING SHALL BE 90 DEGREES FROM THE MAIN PIPELINE TRAVERSING THE MANHOLE.
⑤	STANDARD BARREL, SEE STD. DETAIL #302.
⑥	TRENCH ROADWAY STRUCTURAL REPAIR AND RESURFACING SHALL BE IN ACCORDANCE WITH STANDARD DETAILS #112 THROUGH #115.
⑦	REINFORCING BARS, TYPICAL



APPROVED: Aug. X, 2025

STANDARD  
DETAIL #

**303**

TITLE:

**FLAT SLAB  
MANHOLE TOP**

