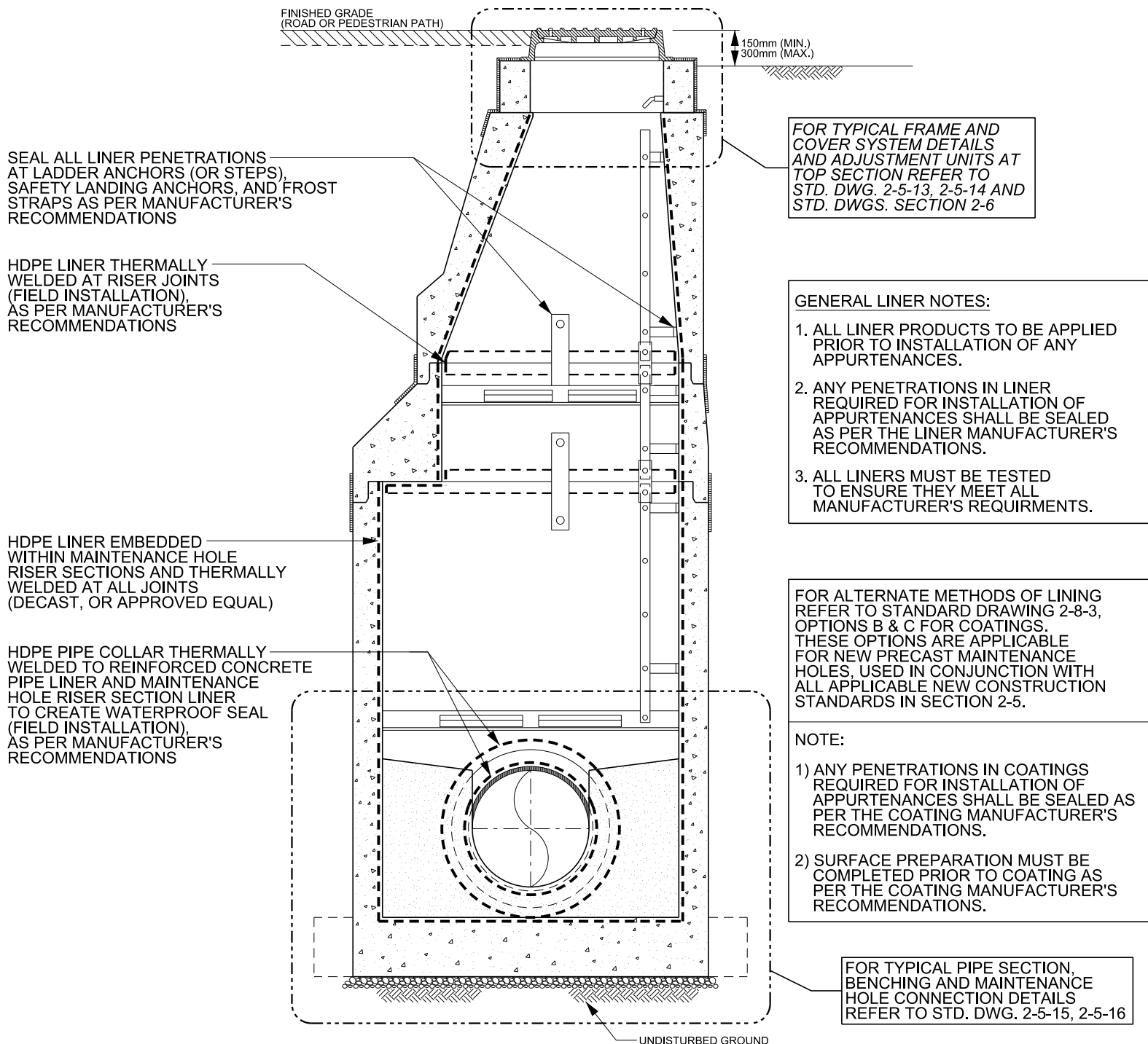


LINED MAINTENANCE HOLES ARE RECOMMENDED FOR USE IN CONJUNCTION WITH A LINED REINFORCED CONCRETE PIPE AND FOR INSTALLATION IN AREAS WITH HIGH LEVELS OF HYDROGEN SULFIDE (H₂S). REFER TO PROJECT SPECIFIC REQUIREMENTS, DESIGN CRITERIA, AND TESTING REQUIREMENTS



FOR TYPICAL FRAME AND COVER SYSTEM DETAILS AND ADJUSTMENT UNITS AT TOP SECTION REFER TO STD. DWG. 2-5-13, 2-5-14 AND STD. DWGS. SECTION 2-6

- GENERAL LINER NOTES:**
1. ALL LINER PRODUCTS TO BE APPLIED PRIOR TO INSTALLATION OF ANY APPURTENANCES.
 2. ANY PENETRATIONS IN LINER REQUIRED FOR INSTALLATION OF APPURTENANCES SHALL BE SEALED AS PER THE LINER MANUFACTURER'S RECOMMENDATIONS.
 3. ALL LINERS MUST BE TESTED TO ENSURE THEY MEET ALL MANUFACTURER'S REQUIRMENTS.

FOR ALTERNATE METHODS OF LINING REFER TO STANDARD DRAWING 2-8-3, OPTIONS B & C FOR COATINGS. THESE OPTIONS ARE APPLICABLE FOR NEW PRECAST MAINTENANCE HOLES, USED IN CONJUNCTION WITH ALL APPLICABLE NEW CONSTRUCTION STANDARDS IN SECTION 2-5.

- NOTE:**
- 1) ANY PENETRATIONS IN COATINGS REQUIRED FOR INSTALLATION OF APPURTENANCES SHALL BE SEALED AS PER THE COATING MANUFACTURER'S RECOMMENDATIONS.
 - 2) SURFACE PREPARATION MUST BE COMPLETED PRIOR TO COATING AS PER THE COATING MANUFACTURER'S RECOMMENDATIONS.

FOR TYPICAL PIPE SECTION, BENCHING AND MAINTENANCE HOLE CONNECTION DETAILS REFER TO STD. DWG. 2-5-15, 2-5-16

- NOTE**
1. REFER TO STANDARD DRAWING 2-5-1 FOR GENERAL NOTES PERTAINING TO PRECAST MAINTENANCE HOLES.
 2. REFER TO STANDARD DRAWING 2-8-1 FOR GENERAL NOTES PERTAINING TO REHABILITATION OF MAINTENANCE HOLES.
 3. FOR PIPE TO MAINTENANCE HOLE SIZING REFERENCE STD. DWG. 2-5-21.
 4. FOR PIPE SIZE LESS THAN 600mmØ NON PRESSURE DESIGN IS PERMITTED. PIPE SIZES EQUAL TO OR GREATER THAN 600mmØ SHALL BE DESIGNED TO PRESSURE.



**PUBLIC WORKS
STANDARD DRAWING**

REV. DATE: AUGUST 2020

REVISION NUMBER: 2 FOR REVISION TRACKING REFER TO STD. DWG. 2-0-2

APPROVED BY DRAWN BY

A.P. AINLEY GROUP

STD. DWG. NUMBER SCALE

2-5-7 N.T.S.

**NEW SANITARY SEWER CONSTRUCTION
TYPICAL LINED OR COATED PRECAST CIRCULAR
MAINTENANCE HOLE DETAILS (HDPE OR OTHER)**