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 (H,S). REFER TO PROJECT SPECIFIC REQUIREMENTS, DESIGN CRITERIA, AND TESTING REQUIREMENTS 2 FINISHED GRADE (ROAD OR PEDESTRIAN PATH) 150mm (MIN.) 300mm (MAX.) 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 SEAL ALL LINER PENETRATIONS

AT LADDER ANCHORS (OR STEPS),
SAFETY LANDING ANCHORS, AND FROST
STRAPS AS PER MANUFACTURER'S RECOMMENDATIONS HDPE LINER THERMALLY -WELDED AT RISER JOINTS (FIELD INSTALLATION) **GENERAL LINER NOTES:** AS PER MANUFACTURER'S \circ RECOMMENDATIONS 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. HDPE LINER EMBEDDED WITHIN MAINTENANCE HOLE RISER SECTIONS AND THERMALLY WELDED AT ALL JOINTS 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 FOR NEW CONSTRUCTION (DECAST, OR APPROVED EQUAL) D HDPE PIPE COLLAR THERMALLY
WELDED TO REINFORCED CONCRETE
PIPE LINER AND MAINTENANCE
HOLE RISER SECTION LINER
TO CREATE WATERPROOF SEAL
(FIELD INSTALLATION),
AS PER MANUFACTURER'S STANDARDS IN SECTION 2-5. NOTE: RECOMMENDATIONS 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.

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.

UNDISTURBED GROUND

- 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

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

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