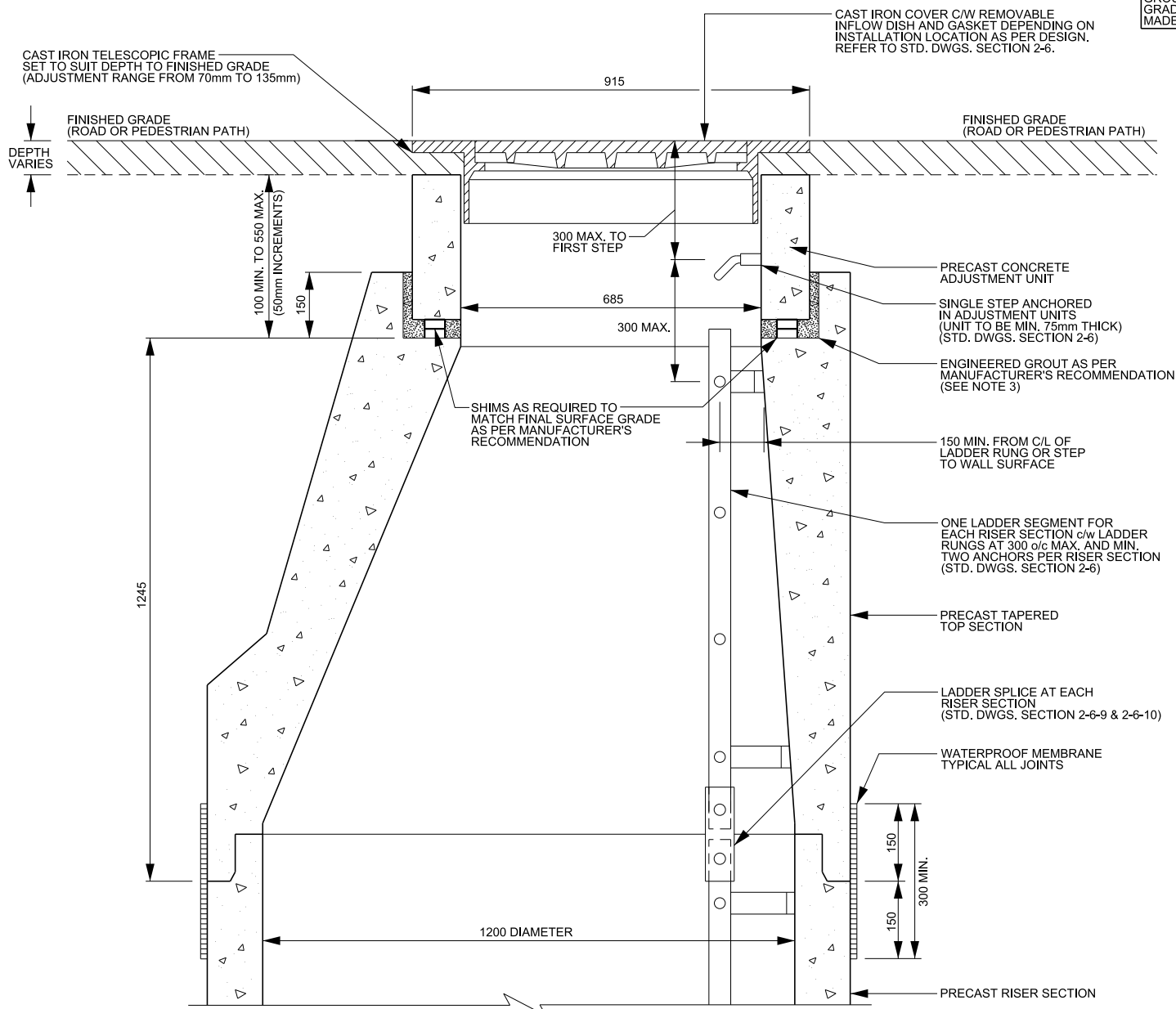


**NOTE:**

1. THIS FRAME AND COVER SYSTEM FOR USE WITHIN PAVED PORTION OF ROW AND PAVED SURFACES ONLY.
2. THIS FRAME AND COVER SYSTEM IS NOT PERMITTED FOR USE IN ARTERIAL OR COLLECTOR ROADWAYS.
3. THE REGION APPROVES THE USE OF INTEGRATED FRAME AND COVER SYSTEM WITHIN THE MUNICIPAL RIGHTS OF WAY WHERE MUNICIPALITIES HAVE PROVIDED FORMAL ACCEPTANCE AND APPROVAL ONLY.

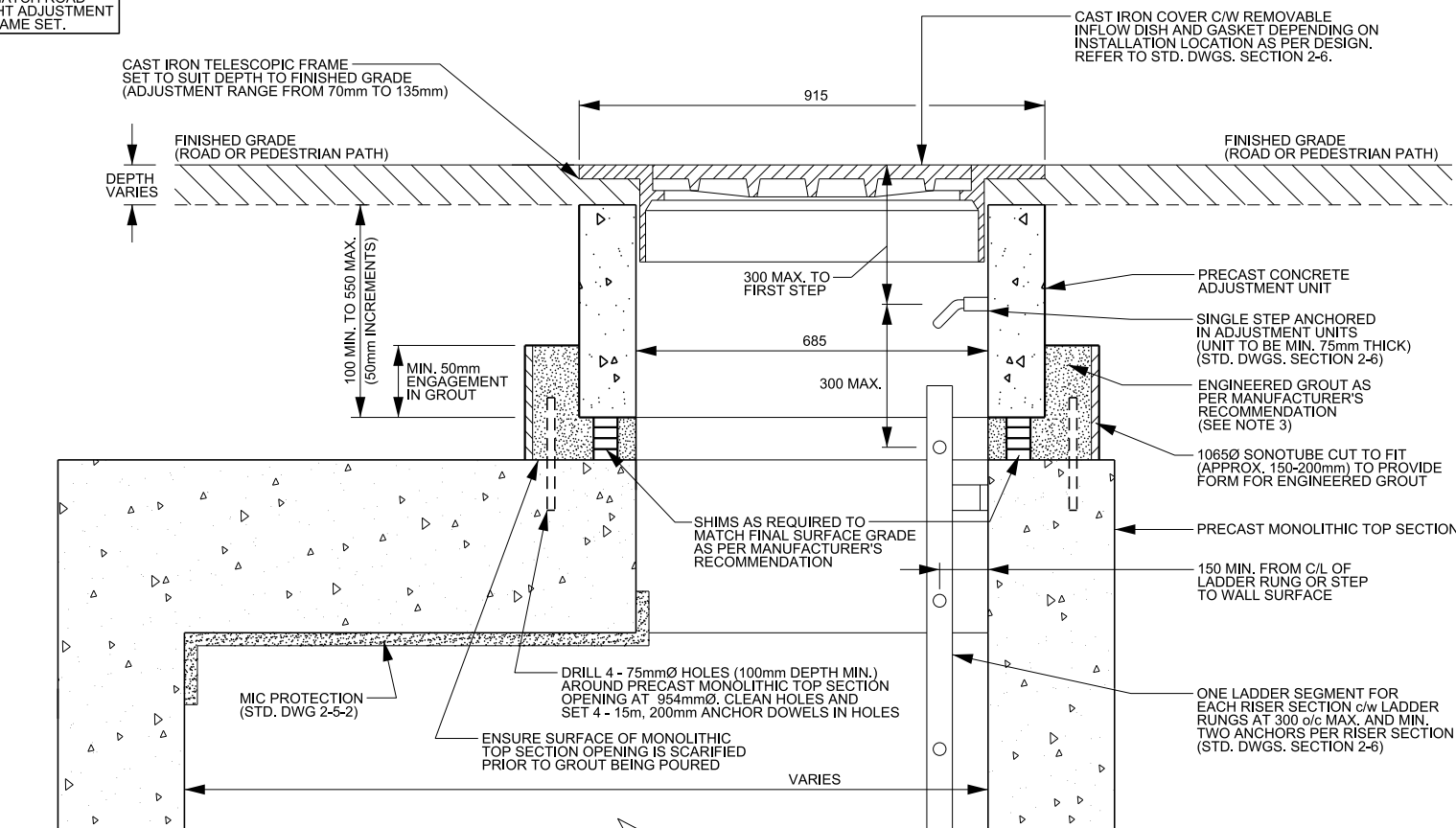
NOTE: THE INTEGRATED SYSTEM MUST BE GROUTED IN POSITION TO MATCH ROAD GRADE ANGLE. FINAL HEIGHT ADJUSTMENT MADE WITH TELESCOPIC FRAME SET.



**PRECAST TAPERED TOP SECTION TO SUIT IFC CONCRETE ADJUSTMENT UNIT**

**NOTE:**

1. THIS FRAME AND COVER SYSTEM FOR USE WITHIN PAVED PORTION OF ROW AND PAVED SURFACES ONLY.
2. THIS FRAME AND COVER SYSTEM IS NOT PERMITTED FOR USE IN ARTERIAL OR COLLECTOR ROADWAYS.
3. THE REGION APPROVES THE USE OF INTEGRATED FRAME AND COVER SYSTEM WITHIN THE MUNICIPAL RIGHTS OF WAY WHERE MUNICIPALITIES HAVE PROVIDED FORMAL ACCEPTANCE AND APPROVAL ONLY.



**PRECAST FLAT CAP OPTION (MONOLITHIC TOP SECTION) WITH TRANSITION COLLAR TO SUIT IFC CONCRETE ADJUSTMENT UNIT**

**NOTE**

1. REFER TO STANDARD DRAWING 2-5-1 FOR GENERAL NOTES PERTAINING TO PRECAST MAINTENANCE HOLES.
2. REFER TO STANDARD DRAWING 2-5-2, 2-5-9 FOR TYPICAL INSTALLATION OPTIONS AND REQUIREMENTS.
3. GROUT REQUIREMENTS: NON-SHRINK, MINIMUM 50 MPa AT 28 DAYS, TO BE INSTALLED ONLY AS PER MANUFACTURER'S APPLICATION GUIDELINES.
4. INSTALLATION OF THIS FRAME AND COVER SYSTEM SHALL BE APPROVED BY THE LOCAL MUNICIPALITY HAVING OWNERSHIP OF THE ROAD, PRIOR TO USAGE OF THIS STANDARD DRAWING..

NEW CONSTRUCTION		REHABILITATION
FULL EXCAVATION	PARTIAL EXCAVATION	NO EXCAVATION
INTERNAL		EXTERNAL
ROW	FLOOD PLAIN	EASEMENT
I/I	H2S	SECURITY



**PUBLIC WORKS STANDARD DRAWING**

**NEW SANITARY SEWER CONSTRUCTION INTEGRATED FRAME AND COVER SYSTEM DETAILS**

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

**2-5-14** N.T.S.