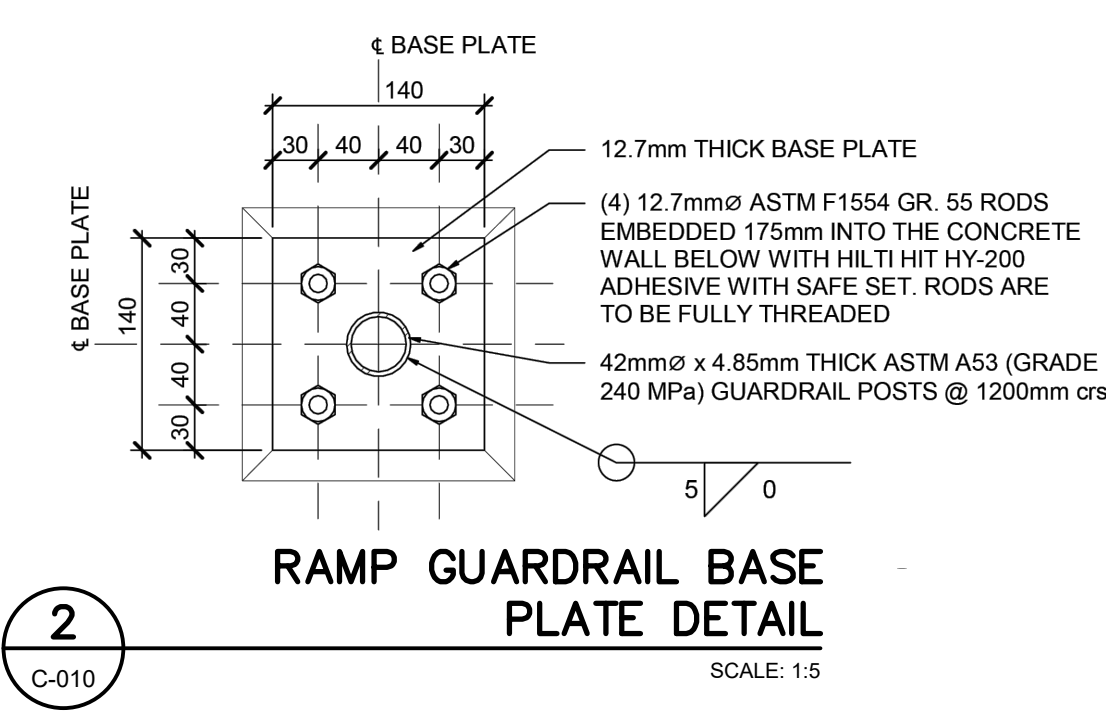


APPROVED
By Adam Brown at 3:09 pm, Jul 25, 2023

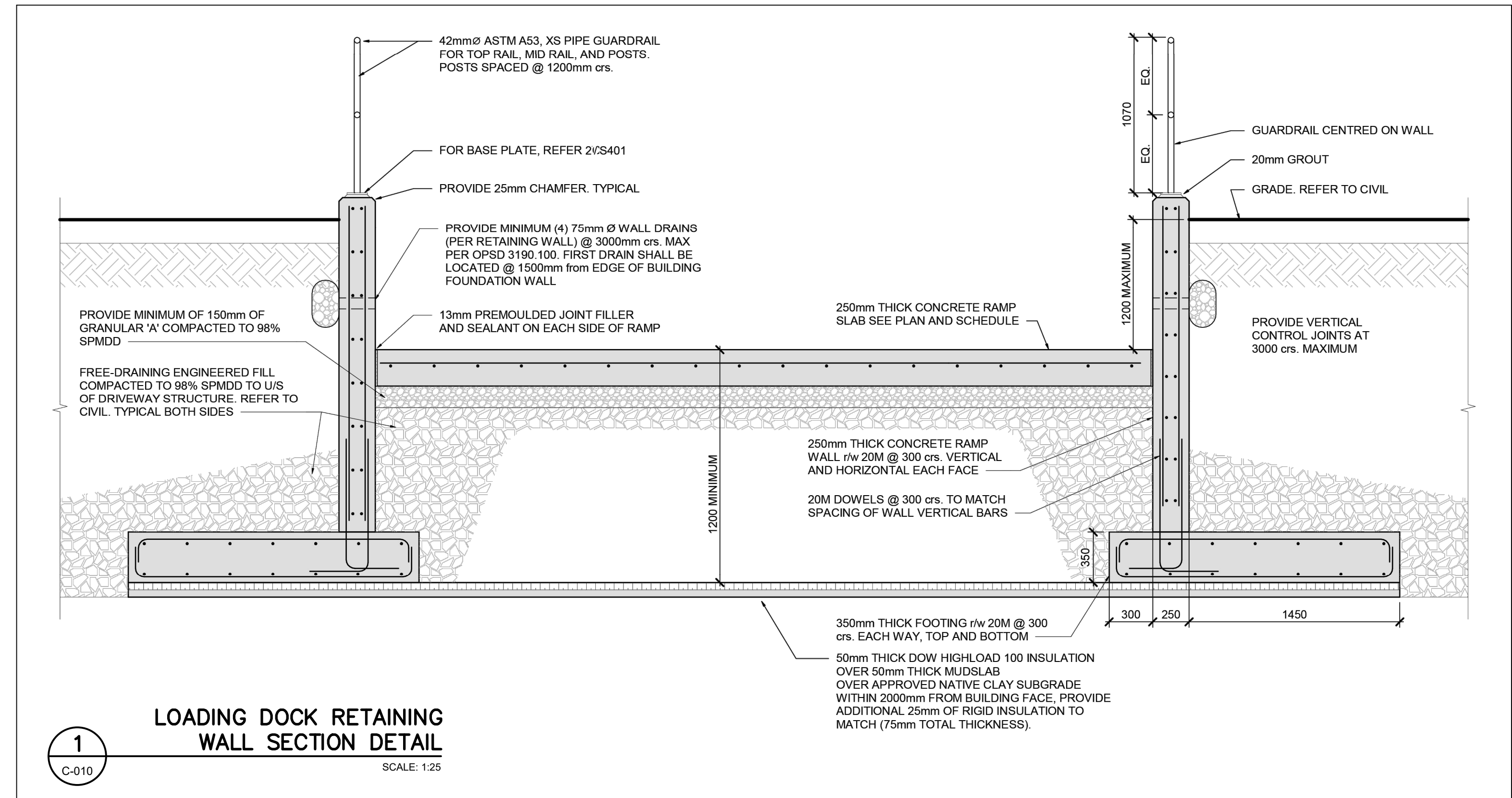


ADAM BROWN
MANAGER, DEVELOPMENT REVIEW - RURAL
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA



RETAINING WALL NOTES:

- DESIGN BASED ON CSA S6-19 AND OBC 2012 (AMENDED 2020). LOADING AS FOLLOWS:
 - BACKFILL PRESSURES IN ACCORDANCE WITH GOLDERWSP GEOTECHNICAL REPORT.
 - LIVE LOAD SURCHARGE PRESSURE: 12 kPa
 - COMPACTION PRESSURES AS PER CSA S6-19.
 - DRAINED BACKFILL CONDITIONS
 - DESIGN FOR SEISMIC PRESSURES AS PER CSA S6-19 AND GOLDERWSP GEOTECHNICAL REPORT.
 - GUARDRAIL HAS BEEN DESIGNED IN ACCORDANCE WITH OBC 2012, CLAUSE 4.1.5.14 FOR LOCATIONS WITH LIMITED OCCUPANCY WHERE GATHERING OF MANY PEOPLE IS IMPROBABLE.
- FOUNDATIONS SHALL BE FOUNDED ON NATIVE WEATHERED CLAY CRUST WITH A MINIMUM BEARING CAPACITY OF 165 kPa (ULS) AND 125 kPa (SLS).
- CAST-IN-PLACE CONCRETE: CLASS 'C1', MINIMUM SPECIFIED COMPRESSIVE STRENGTH = 35 MPa @ 56 DAYS.
- ALL REINFORCING TO CSA G30.18, GRADE 400W.
- ALL LAP SPLICES SHALL BE CLASS 'B' LAP SPLICES IN ACCORDANCE WITH CSA A23.3-14.
- MINIMUM COVER IS 75mm CAST DIRECTLY AGAINST SOIL AND 60mm EXPOSED TO SALTS AND CHLORIDES.
- STEEL DESIGN IN ACCORDANCE WITH CSA S16-14.



No.	ISSUE / REVISION	DDMMYY
06	CITY OFS COMMENTS	08/06/23
05	RE-ISSUED FOR CITY SITE PLAN APPROVAL	11/05/23
04	CITY SITE PLAN APPROVAL	17/03/23
03	ISSUED FOR CITY SITE PLAN APPROVAL	21/12/22
02	RE-ISSUED FOR CITY SITE PLAN APPROVAL	12/09/22
01	ISSUED FOR CITY SITE PLAN APPROVAL	06/04/22
00	ISSUED FOR CLIENT REVIEW	04/04/22

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VERIFY SHEET SIZE AND SCALES. THE BAR TO THE RIGHT IS 25mm IF THIS IS A FULL SIZE DRAWING. 0 25mm

SCALE:

CLIENT:



CONSULTANT: www.jrichards.ca



CONSULTANT:

PROFESSIONAL STAMP PROJECT NORTH

PROJECT:

HYDRO ONE OPERATIONS CENTRE, ORLEANS
3440 FRANK KENNY ROAD

DRAWING:

LOADING DOCK DETAILS

DESIGN: M.D.
DRAWN: G.C.
CHECKED: D.U.
JLR #: 31500-000

DRAWING #:
C-010

PLOT DATE: July 20, 2023 2:00:11 PM