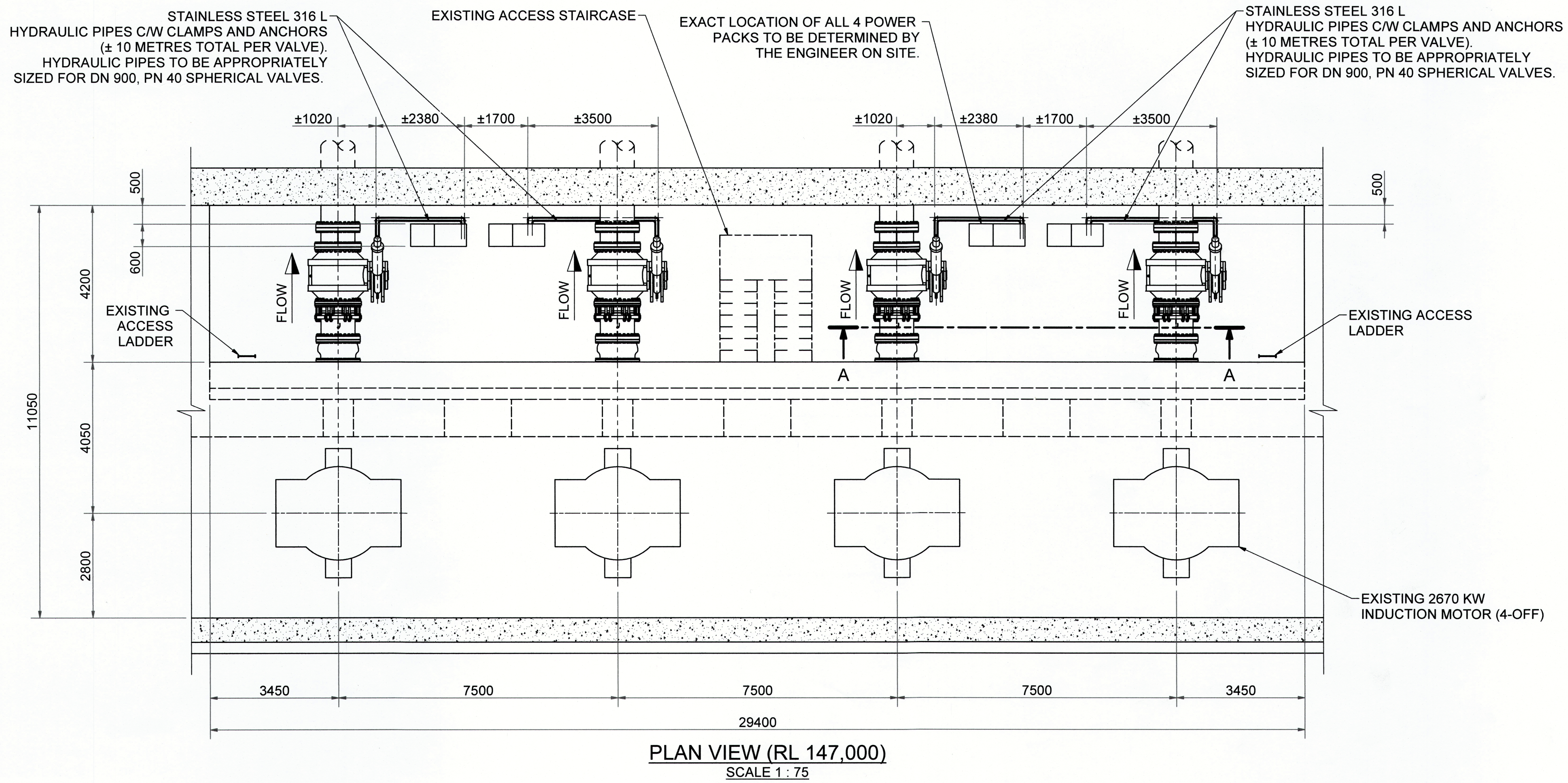
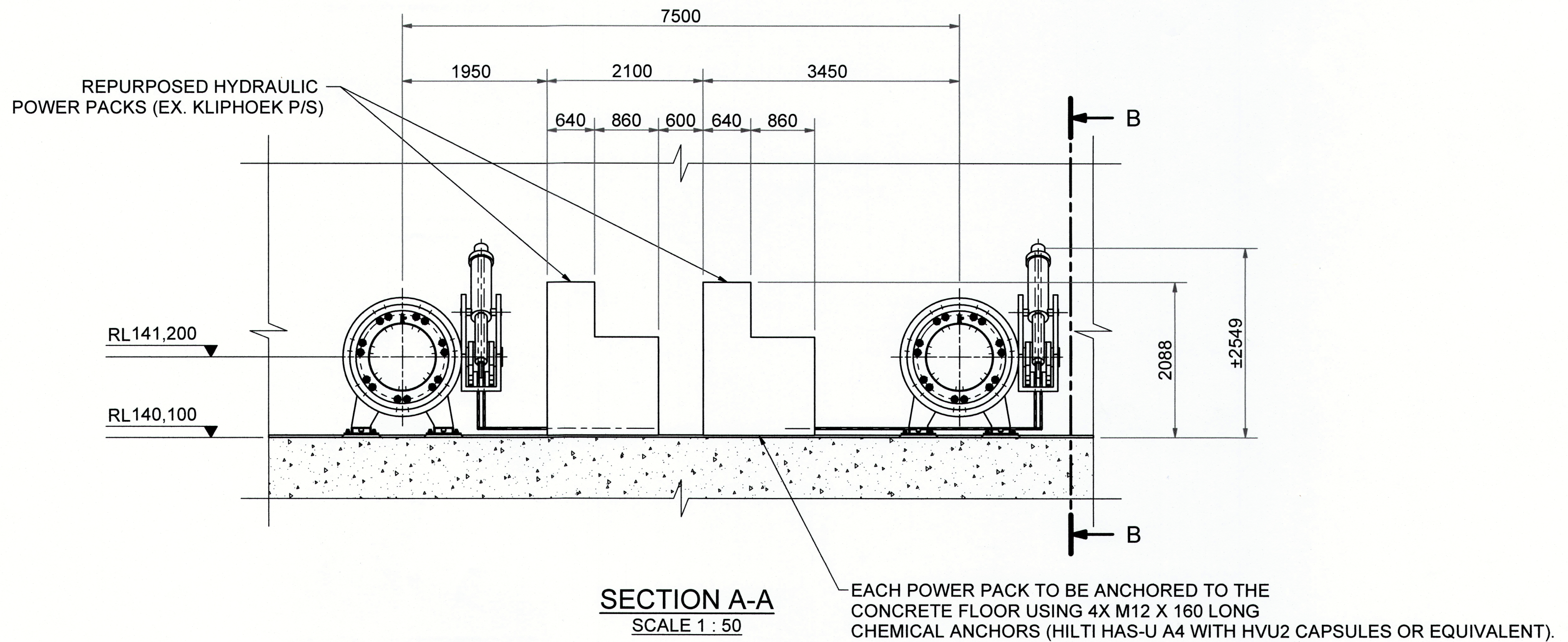
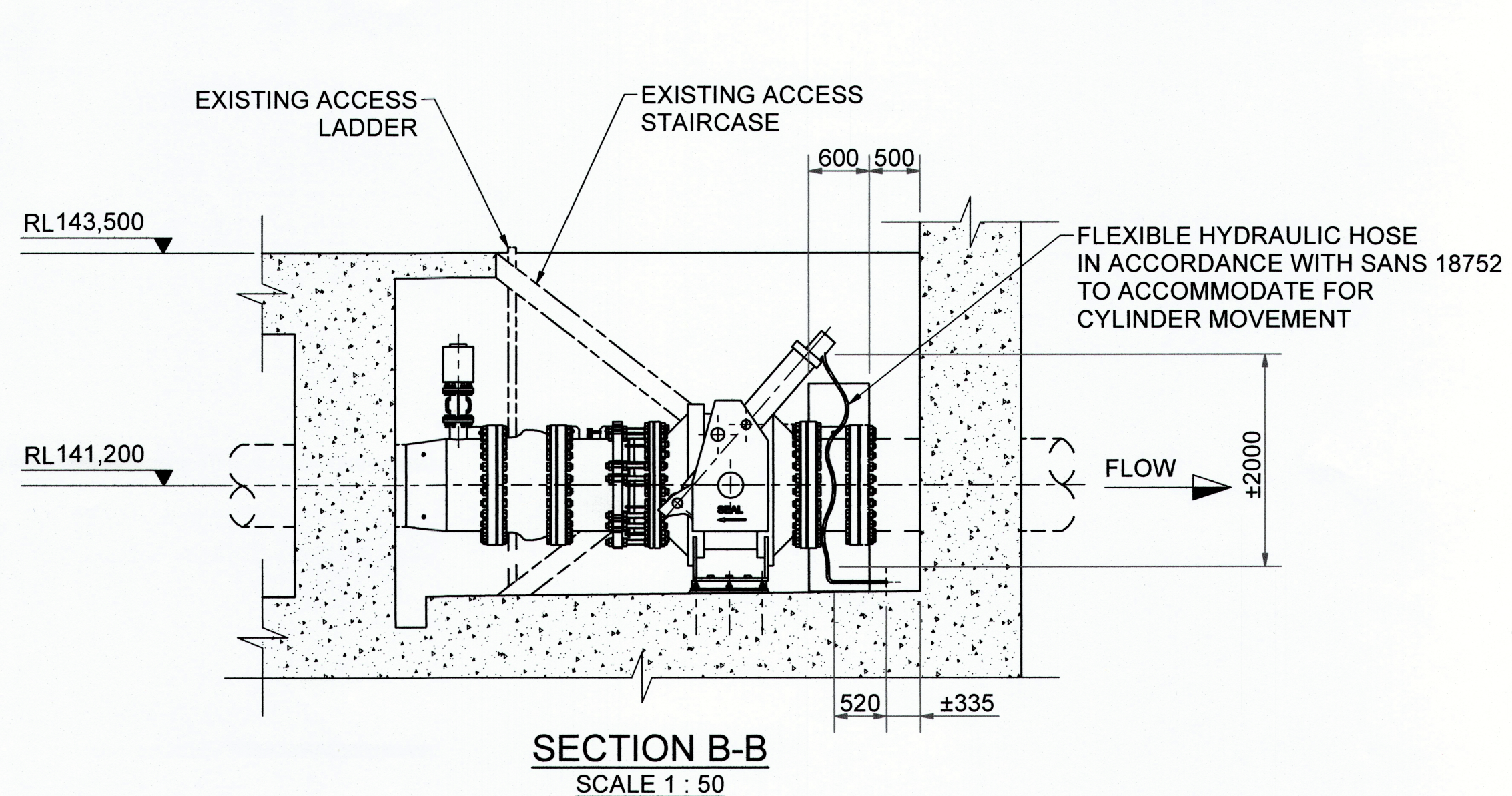




ADDITIONAL NOTES:

FOR DETAILS OF THE PIPEWORK MODIFICATIONS SEE: 181618/24 ME TO 181621/24 ME.

MATERIAL:

- ALL MILD STEEL ITEMS TO BE IN ACCORDANCE WITH SANS 50025 / EN 10025 GRADE S355JR OR SANS 1431 GRADE 350WA.
- FIXED HYDRAULIC PIPING SHALL BE STAINLESS STEEL 316 L (DWS 2510.2) IN ACCORDANCE WITH ASTM A240.
- SIZE AND RATING OF FLEXIBLE HYDRAULIC HOSES SHALL BE APPROPRIATE FOR THE EXISTING HYDRAULIC POWER PACK AND SPHERICAL VALVES (EX. KLIPHOEK P/S) (IN ACCORDANCE WITH SANS 18752)

GENERAL NOTES:

GENERAL DIMENSIONAL TOLERANCES (U.O.S.)

DIMENSIONS UP TO 120:	± 0,3 mm
DIMENSIONS ABOVE 120 TO 400:	± 0,5 mm
DIMENSIONS ABOVE 400 TO 1000:	± 0,8 mm
DIMENSIONS ABOVE 1000:	± 2 mm
FLATNESS & SQUARENESS TOLERANCE:	3 mm/m WIDE

CORROSION PROTECTION:

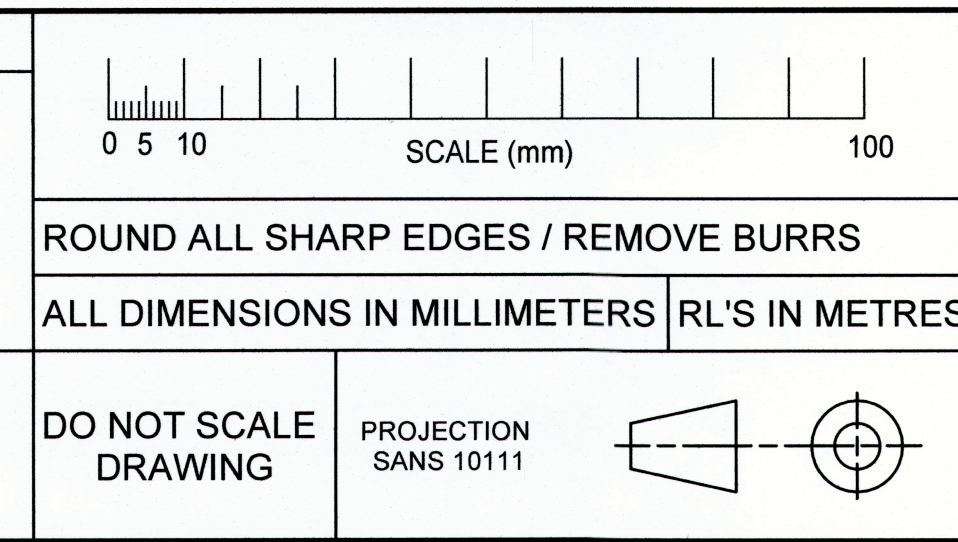
- IN ACCORDANCE WITH DWS STANDARD SPECIFICATION DWS 9900.
- ALL STAINLESS STEEL ITEMS TO BE PICKLED AND PASSIVATED AFTER MANUFACTURE.
- ALL THREADS TO BE COATED WITH MOLYBDENUM DISULPHIDE LUBRICANT.

NOTE TO CONTRACTOR:

THE CONTRACTOR SHALL VERIFY THE EXACT AS-BUILT DIMENSIONS OF THE CIVIL STRUCTURE ON THE SITE, PRIOR TO MANUFACTURING, TO ENSURE PROPER FITTING OF THE EQUIPMENT ON INSTALLATION.

NOTE:

-FOR DETAILS OF THE EXISTING LAYOUT SEE: 163 760/12 ME
163 762/12 ME
163 767/12 ME



REV No.	DATE	REVISION	SIGNED
0	07/2024	ISSUED FOR CONSTRUCTION	

DEPARTMENT OF WATER AND SANITATION
REPUBLIC OF SOUTH AFRICA

HEAD OFFICE
M.E. ENGINEERING
PRIVATE BAG X313
PRETORIA 0001

SEDIBENG BUILDING
185 FRANCIS BAARD STREET
PRETORIA
(012) 336-7500

DIRECTOR GENERAL

DESIGN: A VAN SCHALKWYK
DRAWN: A VAN SCHALKWYK

CHECKED: 02/09/2024
DATE: 02/09/24
ENGINEER: A. van Schalkwyk
DATE: 2/9/2024
M. MARAWALLA
CHIEF ENGINEER (P. Eng.)

EXTERNAL APPROVAL: 2024/09/06
DATE: 06/09/2024
DIRECTOR: 06/09/2024
DATE:

BERG RIVER WATER SUPPLY SCHEME

DRAKENSTEIN PUMP STATION

DISCHARGE PIPEWORK:
HYDRAULIC POWER PACK AND PIPES
-INSTALLATION LAYOUT & DETAILS-

PROVINCE: WESTERN CAPE
LOCALITY No.: G100-02
CALCULATION FILE: ME / G 100-02

KEYCODES:
DISTRICT: WORCESTER
TENDER/ CONTRACT No.

OTHER NUMBER
SHEET 1 OF 1
REG. No. 181622/24 ME
REV. No. 0