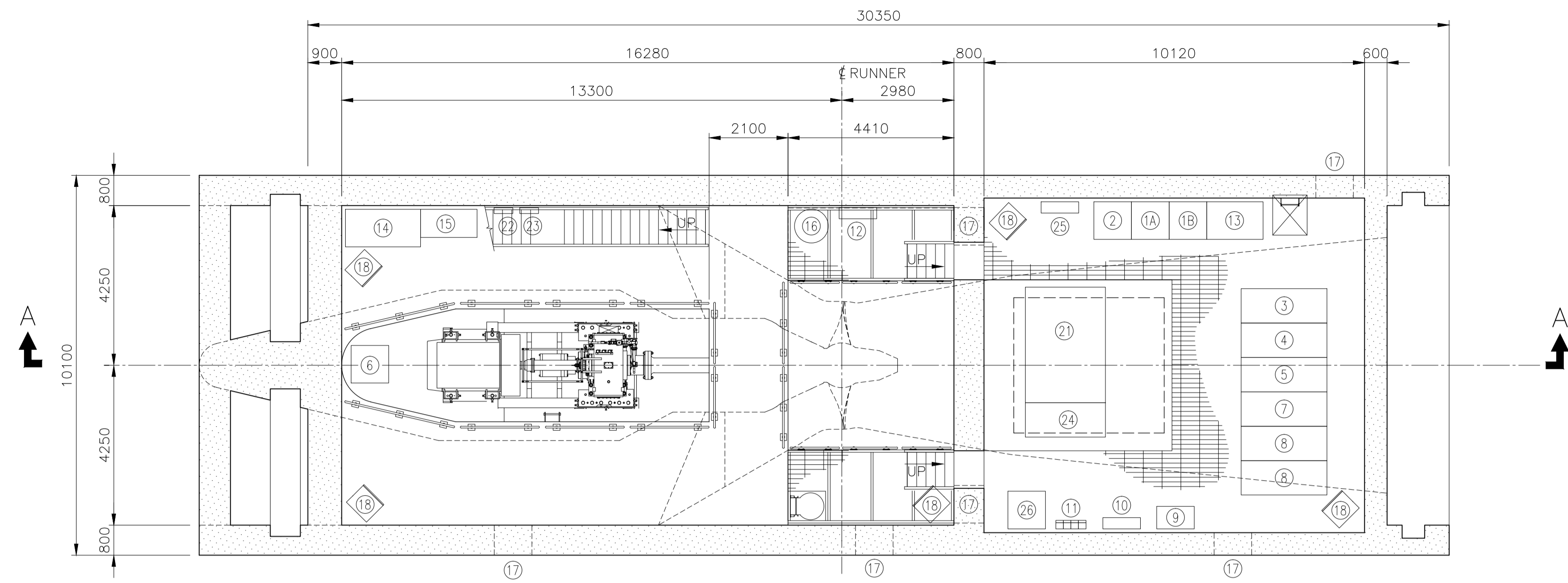
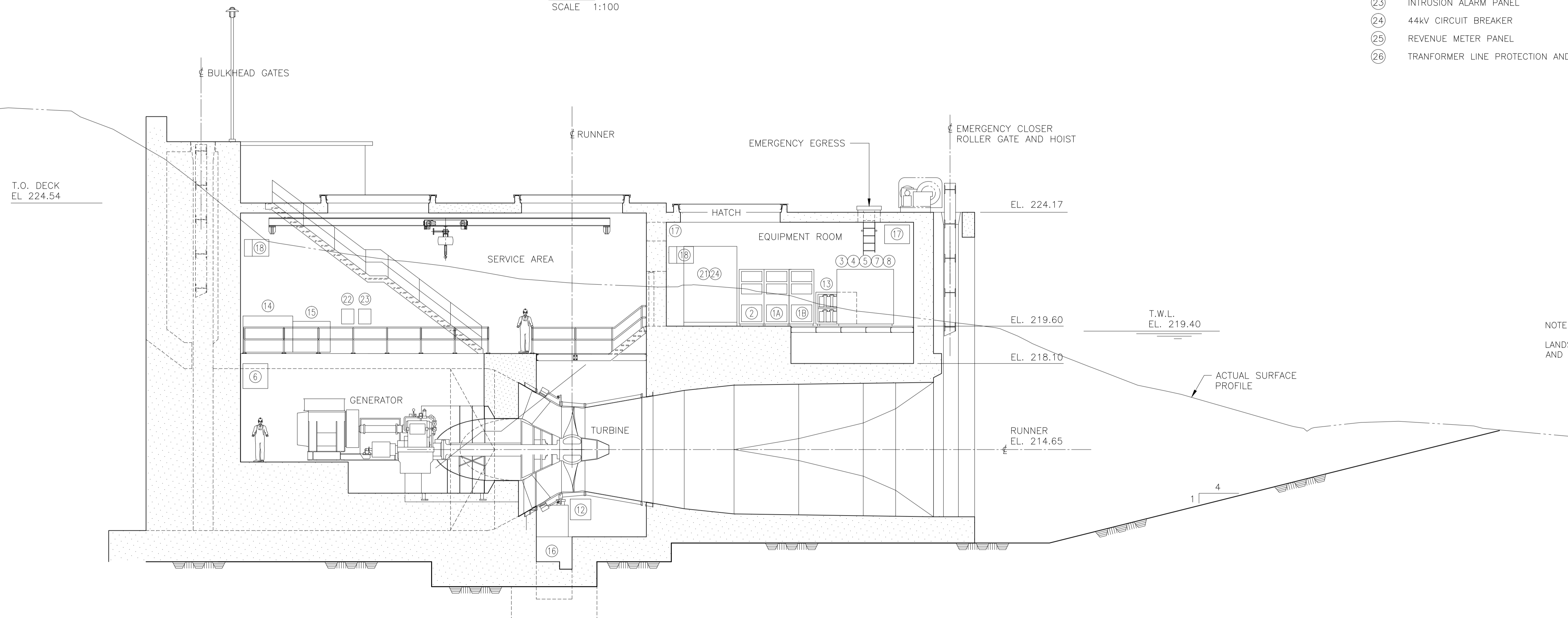


EQUIPMENT LIST

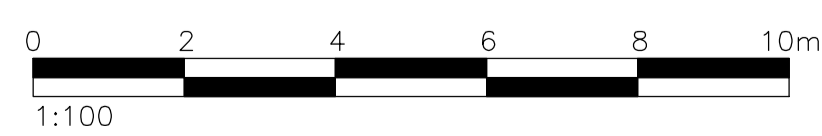
- ①A GENERATOR CONTROL PANEL
- ①B GENERATOR PROTECTION PANEL
- ② SCADA PROTECTION & MONITORING PANEL
- ③ 5kV GENERATOR CIRCUIT BREAKER
- ④ 5kV GENERATOR INSTRUMENTATION PANEL
- ⑤ 5kV STN. SERV. ISOLATION SWITCH
- ⑥ GENERATOR NEUTRAL & INSTRUMENTATION CUBICLE
- ⑦ 200KVA STATION SERVICE TRANSFORMER 5kV-600V
- ⑧ 600V SWITCHGEAR
- ⑨ 45KVA DISTRIBUTION TRANSFORMER 600-120/208V
- ⑩ 120/208V DISTRIBUTION PANELBOARD
- ⑪ VENTILATION STARTER PANEL
- ⑫ DRAINAGE/UNWATERING PUMP STARTER
- ⑬ 125Vdc BATTERY/CHARGER/DISTRIBUTION CUBICLE
- ⑭ HYDRAULIC PRESSURE UNIT
- ⑮ AIR COMPRESSOR AND RECEIVER TANK
- ⑯ DRAINAGE & UNWATERING SUMP AND PUMP
- ⑰ VENTILATION FANS
- ⑱ BLOWER UNIT HEATERS
- ⑲ 200KVA PADMOUNT STATION SERVICE TRANSFORMER 44kV-600V (EXTERIOR POLE)
- ⑳ 44kV STN. SERV. ISOLATION SWITCH & UTILITY METERING (EXTERIOR POLE)
- ㉑ 6.25MVA GENERATOR STEP UP TRANSFORMER 44/4.16 kV
- ㉒ FIRE ALARM PANEL
- ㉓ INTRUSION ALARM PANEL
- ㉔ 44kV CIRCUIT BREAKER
- ㉕ REVENUE METER PANEL
- ㉖ TRANSFORMER LINE PROTECTION AND CONTROL PANEL



PLAN  
SCALE 1:100



SECTION A-A  
SCALE 1:100



ALL DIMENSIONS ARE IN MILLIMETRES.  
ALL ELEVATIONS ARE IN METRES.

DATE	NO.	ISSUE / REVISION	CH.	APP.	APP.
SEP. 19, 2008	B	GENERAL REVISION			
MAR. 28, 2008	A	ISSUED WITH FEASIBILITY REPORT	D.P.	B.C.	B.M.

	SWIFT RIVER ENERGY BALA, ONTARIO BALA NORTH HYDRO DEVELOPMENT	
	POWERHOUSE PLAN AND SECTIONS ALTERNATIVE 2D	
DESIGN PREPARED D. McEWEN CHECKED B. CRAIG	SCALE 1:100	DRAWING NO. 327078-SK-401
DRAWING PREPARED D. PARKES CHECKED B. CRAIG		
LEAD DISCIPLINE ENGINEER	PROJECT MANAGER B. A. MacTAVISH	HATCH ENERGY PROJECT No. H-327078
ENGINEERING MANAGER	REVISION 	

**THIS DRAWING IS FOR ESTIMATING USE ONLY**  
 All ratings and sizes of equipment, concrete, steel, and materials, shown on this drawing are approximations only and must not be considered as final design requirements.  
**DO NOT USE FOR CONSTRUCTION**

Plot Scale: 1:100  
 Login Name: Park10333  
 Drawing Name: P:\SWIFT\327078\CA\327078-SK-401 Powerhouse Alt. 2D.dwg

DRAWING No. 327078-SK-401