

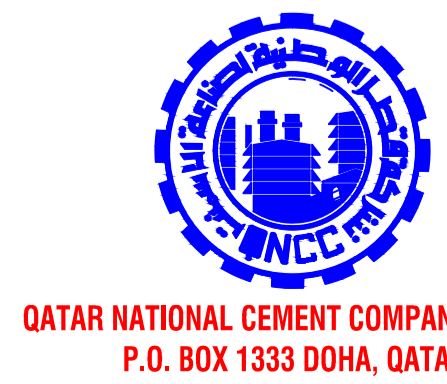
PROPOSED SWRO UNIT LEGENDS

- 100. INTAKE LOCATION
- 101. SEA WATER INTAKE PIPE LINE
- 102. DUPLEX BUCKET FILTER
- 103. RAW WATER STORAGE TANK
- 104. PRODUCT WATER PIPE LINE
- 105. BRINE WATER PIPE LINE
- 106. REJECT DISCHARGE LOCATION

EXISTING

- WATER PLANT LEGENDS**
- 01. UNIT - 01 CAPACITY : 125 M³
 - 02. UNIT - 02 CAPACITY : 139 M³
 - 03. UNIT - 03 CAPACITY : 250 M³
 - 04. UNIT - 04 CAPACITY : 600 M³
 - 05. UNIT - 05 CAPACITY : 600 M³
 - 06. UNIT - 06 CAPACITY : 1300 M³
 - 07. 300 M³ DISTILLATE TANK
 - 08. 25 M³ DISTILLATE TANK - 02 Nos
 - 09. 1000 M³ DISTILLATE TANK
 - 10. PUMP HOUSE - 01 1x100 M³ & 2x25.2 M³
 - 11. PUMP HOUSE - 02 2x100 M³
 - 12. UNIT-6 4" SS PIPE DISTILLATE WATER LINE TO TANK
 - 13. UNIT-5 3" SS PIPE DISTILLATE WATER LINE TO TANK
 - 14. UNIT-4 3" SS PIPE DISTILLATE WATER LINE TO TANK
 - 15. UNIT-3 1" SS PIPE DISTILLATE WATER LINE CONNECTED TO COMMON 2 1/2" PVC LINE
 - 16. UNIT-2 3/4" PVC PIPE DISTILLATE WATER LINE CONNECTED TO COMMON 2 1/2" PVC LINE
 - 17. UNIT-1 3/4" PVC PIPE DISTILLATE WATER LINE CONNECTED TO COMMON 2 1/2" PVC LINE
 - 18. UNIT-1,2 & 3 COMMON 2 1/2" PVC PIPE DISTILLATE WATER LINE TO TANK
 - 19. 300 M³ D WATER TANK TO PUMP HOUSE - 1 & 2 SUCTION LINE 8" SS PIPE LINE
 - 20. 25 M³ D WATER TANKS TO PUMP HOUSE - 1 & 2 SUCTION LINE 8" SS PIPE LINE
 - 21. PUMP HOUSE - 1 & 2 SUCTION LINE 8" SS PIPE LINE
 - 22. PUMP HOUSE - 1 & 2 DELIVERY LINE 6" SS PIPE LINE
 - 23. 1000 M³ D WATER TANK TO PUMP HOUSE - 1 & 2 8" SS SUCTION PIPE LINE
 - 24. 1000 M³ D WATER TANK 8" SS OVERFLOW PIPE LINE
 - 25. 6" DISTILLATE WATER PIPE LINE TO OLD CEMENT PLANT STORAGE TANK
 - 26. 6" DISTILLATE WATER PIPE LINE TO OLD CEMENT PLANT STORAGE TANK
 - 27. Ø137mm PVC SEA WATER INTAKE PIPE LINE UNIT -1
 - 28. Ø137mm PVC SEA WATER INTAKE PIPE LINE UNIT -2
 - 29. Ø224mm PVC SEA WATER INTAKE PIPE LINE UNIT -3
 - 30. Ø317mm PVC SEA WATER INTAKE PIPE LINE UNIT -4
 - 31. Ø317mm PVC SEA WATER INTAKE PIPE LINE UNIT -5
 - 32. Ø650mm PVC SEA WATER INTAKE PIPE LINE UNIT -6
 - 33. Ø650mm PVC SEA WATER RETURN PIPE LINE UNIT -6
 - 34. 12" GAS DISTRIBUTION HEADER PIPE LINE
 - 35. 6" GAS DISTRIBUTION HEADER PIPE LINE
 - 36. QNCC GAS STATION
 - 37. QNCC OLD GAS STATION
 - 38. SECURITY ROOM
 - 39. GAS CONTROL ROOM
 - 40. CCR, OFFICE & CHEMICAL STORAGE BUILDING
 - 41. MECHANICAL WORKSHOP AND CHEMICAL SHED
 - 42. TOILET
 - 43. WATER PLANT SUB-STATION CONTROL ROOM
 - 44. OPERATOR ROOM AND KITCHEN
 - 45. FUEL OIL TANK
 - 46. MASJID
 - 47. GENERATOR AND SCRAP ROOM
 - 48. MAIN GATE (GATE No.01)
 - 49. GATE No.02
 - 50. GATE No.03
 - 51. GATE No.03
 - 52. SEA SHORE CLUB
 - 53. QP GAS STATION
 - 54. WATER PLANT SUB-STATION

NOTES:
 01. ALL DIMENSIONS ARE mm. UNLESS OTHERWISE SPECIFIED.
 02. LAYOUT NOT IN SCALE TENTATIVE ONLY.



	DATE	NAME	SIGN
DRAWN	12.04.2023	KARUNA	
CHECKED			
APPROVED			

TITLE: **PROPOSED LAYOUT FOR NEW SWRO UNIT**

EQUIPMENT:

REFERENCE :

QNCC DRAWING NUMBER: **WP-GEN-017**

SCALE: NTS SHEET NUMBER: 01 SHEET SIZE : A0