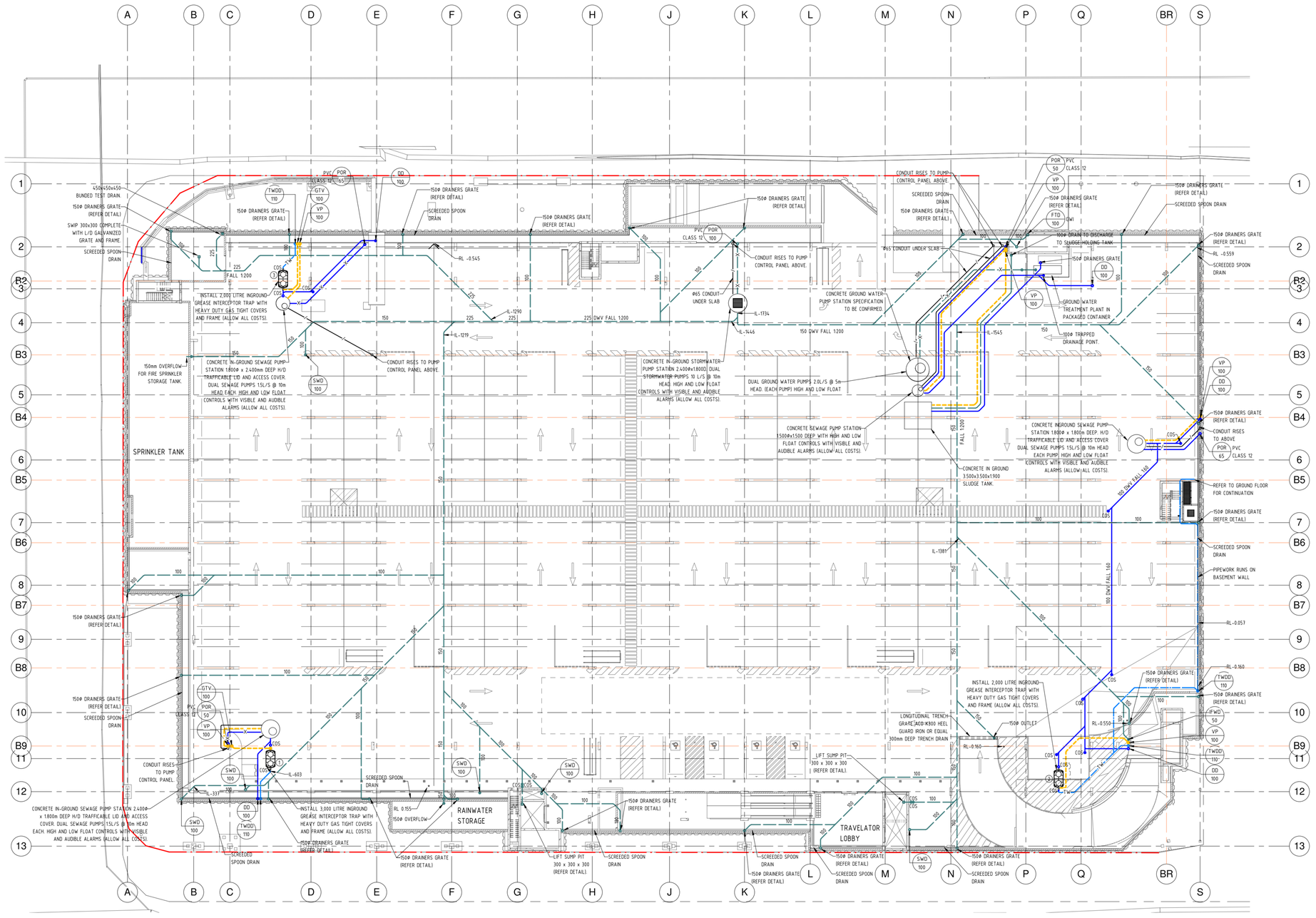
DRAINAGE PLAN No. 6632


SPRINKLER TANK
RAINWATER STORAGE
TRAVELATOR LOBBY
450x450x450 BUNDED TEST DRAIN.
150ø DRAINERS GRATE (REFER DETAIL)
SWIP 300x300 COMPLETE WITH L/D GALVANIZED GRATE AND FRAME.
SCREEDED SPOON DRAIN
INSTALL 2,000 LITRE INGROUND GREASE INTERCEPTOR TRAP WITH HEAVY DUTY GAS TIGHT COVERS AND FRAME (ALLOW ALL COSTS).
CONCRETE IN-GROUND SEWAGE PUMP STATION 1800ø x 2,400mm DEEP H/D TRAFFICABLE LID AND ACCESS COVER. DUAL SEWAGE PUMPS 15L/S @ 10m HEAD EACH HIGH AND LOW FLOAT CONTROLS WITH VISIBLE AND AUDIBLE ALARMS (ALLOW ALL COSTS).
150mm OVERFLOW FOR FIRE SPRINKLER STORAGE TANK.
CONDUIT RISES TO PUMP CONTROL PANEL ABOVE
CONCRETE IN-GROUND STORMWATER PUMP STATION 2,400x1800 DUAL STORMWATER PUMPS 10 L/S @ 10m HEAD. HIGH AND LOW FLOAT CONTROLS WITH VISIBLE AND AUDIBLE ALARMS (ALLOW ALL COSTS).
DUAL GROUND WATER PUMPS 2.0L/S @ 5m HEAD. (EACH PUMP) HIGH AND LOW FLOAT
CONCRETE GROUND WATER PUMP STATION SPECIFICATION TO BE CONFIRMED.
CONCRETE SEWAGE PUMP STATION 1500ø x 1500 DEEP WITH HIGH AND LOW FLOAT CONTROLS WITH VISIBLE AND AUDIBLE ALARMS (ALLOW ALL COSTS).
CONCRETE IN GROUND 3,500x3,500x1,900 SLUDGE TANK.
CONCRETE INGROUND SEWAGE PUMP STATION 1800ø x 1,800m DEEP. H/D TRAFFICABLE LID AND ACCESS COVER DUAL SEWAGE PUMPS 15L/S @ 10m HEAD EACH PUMP HIGH AND LOW FLOAT CONTROLS WITH VISIBLE AND AUDIBLE ALARMS (ALLOW ALL COSTS).
CONDUIT RISES TO PUMP CONTROL PANEL ABOVE.
SCREEDED SPOON DRAIN
150ø DRAINERS GRATE (REFER DETAIL)
100ø DRAIN TO DISCHARGE TO SLUDGE HOLDING TANK
GROUND WATER TREATMENT PLANT IN PACKAGED CONTAINER
100ø TRAPPED DRAINAGE POINT.
REFER TO GROUND FLOOR FOR CONTINUATION
PIPEWORK RUNS ON BASEMENT WALL
INSTALL 2,000 LITRE INGROUND GREASE INTERCEPTOR TRAP WITH HEAVY DUTY GAS TIGHT COVERS AND FRAME (ALLOW ALL COSTS).
150ø OUTLET
LONGITUDINAL TRENCH GRATE ACO K300 HEEL GUARD IRON OR EQUAL 300mm DEEP TRENCH DRAIN
LIFT SUMP PIT 300 x 300 x 300 (REFER DETAIL)
INSTALL 3,000 LITRE INGROUND GREASE INTERCEPTOR TRAP WITH HEAVY DUTY GAS TIGHT COVERS AND FRAME (ALLOW ALL COSTS).
CONCRETE IN-GROUND SEWAGE PUMP STATION 2,400ø x 1800m DEEP H/D TRAFFICABLE LID AND ACCESS COVER. DUAL SEWAGE PUMPS 15L/S @ 10m HEAD EACH HIGH AND LOW FLOAT CONTROLS WITH VISIBLE AND AUDIBLE ALARMS (ALLOW ALL COSTS).
SCREEDED SPOON DRAIN
RL 0.155
150ø OVERFLOW
LIFT SUMP PIT 300 x 300 x 300 (REFER DETAIL)
SCREEDED SPOON DRAIN
150ø DRAINERS GRATE