SECTION E-E

SCALE 1:20

- Existing Channel Section
- Compacte Earth
- Existing Channel Base 1:82
- Galvanized Steel Grid with Hinges for Access by Maintenance Staff
- 230 x 1000 x 1500 Reno Mattress
- Concrete Base
- Submersible Pump
SECTION J-J

SCALE 1:20

EDGE LEVEL 1381.80
CHANNEL EDGE LEVEL 1381.55
WATER LEVEL 1381.45

PRE CASTED CONCRETE WEIR

OVERFLOW WATER LEVEL 1391.03

BASE 1361.15

CONCRETE BASE

1360.70

CALVANIZED STEEL GRID

NOZZLE

SUBMERSABLE PUMP
SECTION N-N

SCALE 1: 50
DETAIL 1

SCALE 1:20
ENVIROMAT NAILED INTO CONCRETE COLUMN

50MM GALVANIZED MILD STEEL TUBING

5MM GALVANIZED MILD STEEL BASE PLATE

U-BOLT CEMENTED INTO CONCRETE

DETAIL 2

SCALE 1:10
DETAIL 5

SCALE 1:10

CONSTRUCTION JOINT

55 x 100 x 100 COBBLE STONE

190 X 150 CONCRETE FOOTING
DETAIL 7

SCALE 1:10
DETAIL 8

SCALE 1:10
DETAIL 9

SCALE 1:10
DETAIL 10

SCALE 1:10
DETAIL 11
SCALE 1:10

DETAIL 12
SCALE 1:10
DETAIL 13

SCALE 1:10
DETIAL 14

SCALE 1:10
DETAIL 15
SCALE 1:10
DETAIL 16

SCALE 1:20
DETAIL 21

SCALE 1:10

150 MM REINFORCED CONCRETE SLAB, CASTED IN SITU

10 MM EXPANSION JOINT

COMPACTED SUBGRADE

300 X 300 CONCRETE FOUNDATION
DETAIL 22

SCALE 1:10

150 MM REINFORCED CONCRETE SLAB, CASTED IN SITU
10 MM EXPANSION JOINT
50 X 100 X 100 COBBLE STONES
10 MM MORTAR BEDDING
160 X 350 CONCRETE FOUNDATION
COMPACTED SUBGRADE
DETAIL 23
SCALE 1:10

150 MM REINFORCED CONCRETE SLAB, CASTED IN SITU

10 MM EXPANSION JOINT

COMPACTED SUBGRADE
DETAIL 17

SCALE 1:20
DETAIL 19

SCALE 1:10
150 MM PERMEABLE CONCRETE CASTED IN SITU

10 MM EXPANSION JOINT

50 X 100 X 100 COBBLE STONES

10 MM MORTAR BEDDING

COMPACTED SUBGRADE

DETAIL 20

SCALE 1:10