LOW-FLOW CHANNEL

CURTAIN WALL DETAIL
CURTAIN WALLS TO RUN CONTINUOUSLY ALONG SIDES OF CHANNEL AND AT THE END OF THE DAY'S CONCRETE TO ACHIEVE CURTAIN WALL TO BE 2 FEET INTO UNDISTURBED SOIL ON 1 FOOT INTO ROCK.

BITUMINOUS JOINT FILLER
1/2" BARM AT 0'/C
2 LAYERS 3 PLY ROOFING FELT
1/2" BARM AT 18'/C

EXPANSION AND CONSTRUCTION JOINT
OCT. BE USED AT REFERENCE AT 32 MINUTES OR MORE. MINIMUM SPACING SHALL BE NO. C/C. THIS MAY BE CONSTRUCTED AS PART OF THE CUT OFF WALL.
NOTE: REINFORCING STEEL NOT SHOWN.

LOW-FLOW CHANNEL
SLOPE TO MAINTAIN A MINIMUM CLEARING VELOCITY OF NOT LESS THAN 2 FT. PER SECOND
CHANNEL VELOCITY SHALL NOT EXCEED THE EROSION LIMIT OF THE SOIL

SILL FILL WITH SEAL TO 1" ABOVE TOP OF CONCRETE CHANNEL. EDGE AND COMPACT, OIL-LY A SATIERTOP OF CONCRETE. SEAL IS TO BE SHOVED OR LENGTH WELD WITH PIPE SEALS. SEE SLOPE WALL CHANNEL.
CHANNEL 4" OR 4" WALLS NEEDED AT SHOPOFF AND CHANNEL WHEN DISCONTINUING INTO FENNEL CHANNELS, ETC.

CONTRACTION JOINT
NOTE: REINFORCING STEEL NOT SHOWN.

1. CONTRACTUAL SAWN JOINTS 2" DEEP AT 12 C/C.
2. REINFORCING SHALL COMPLY WITH ACT 3871111 SECTION 7.12, RATES OF REINFORCING IN CHANNEL WILL BE JUDGED MINIMAL, NO Welded Wire Fabric Is ALLOWED
3. CHANNEL DESIGN LOAD SHALL BE A MINIMUM OF 5000 LBS. PER SQUARE
4. BANKS OPPOSITE STORM OUTFALL TO BE PROTECTED.
5. NO ABOVE-SURFACE UTILITIES, PIPES, TREES, OR STRUCTURES SHALL BE CONSTRUCTED IN EQUIPMENT CAMERAS TO REMAIN.
6. CONCRETE PAD SHALL EXTEND FROM SLOPE WALLS TO CHANNEL.
7. STEEL REINFORCING TO BE DESIGNED BY ENGINEER.