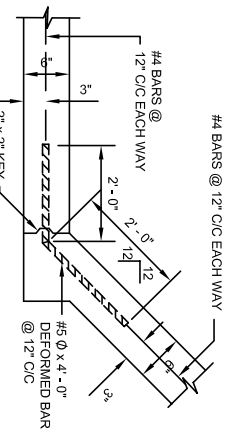


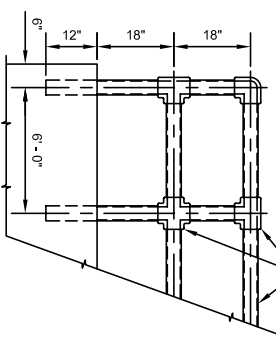
ALTERNATE DETAIL
(USING WELD CONNECTIONS ON PIPE HANDRAIL S)

3" I.D. GALV. STEEL PIPE WITH FLAN GALV. FITTINGS,
USE STANDARD & SPECIAL FITTINGS AS NEEDED.

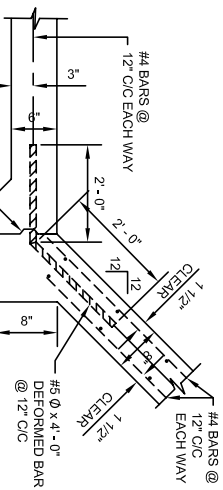
CONCRETE CHANNEL LINER JOINT DETAIL



PIPE HANDRAIL DETAIL

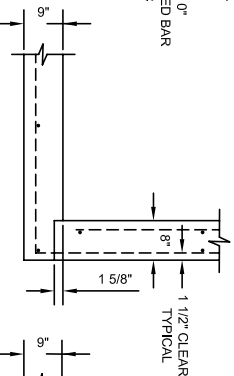


CONCRETE CHANNEL LINER JOINT DETAIL

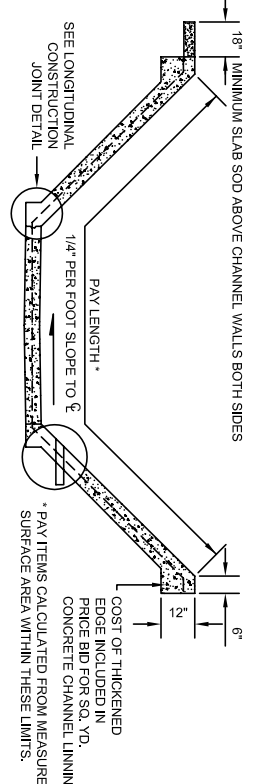


HANDRAIL NOTES: WELD CONNECTIONS MAY BE USED FOR
PIPE HANDRAIL. WELD CONNECTIONS SHALL BE THOROUGHLY
CLEANED OF ALL LOOSE SCALE, GROUND SMOOTH & SPOT
POINTED WITH TWO COATS OF ALUMINUM PAINT.

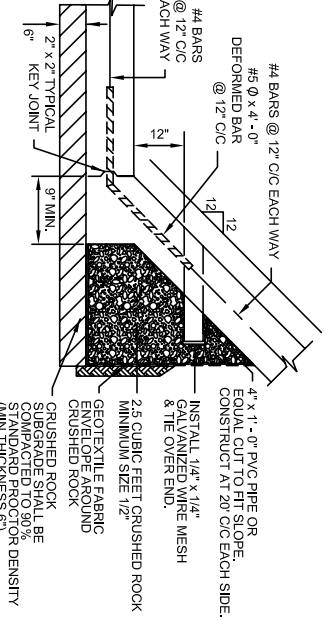
LONGITUDINAL CONSTRUCTION JOINT



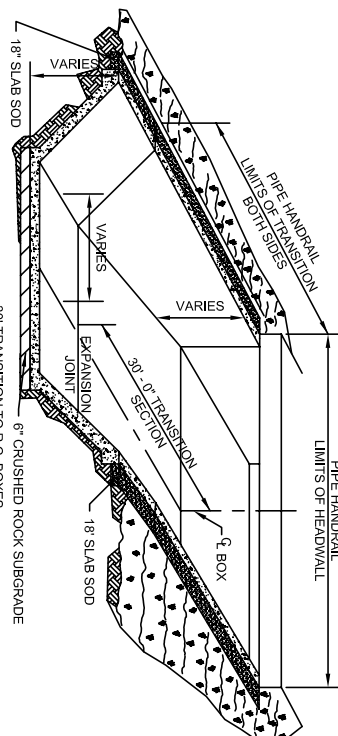
CONCRETE CHANNEL LINER JOINT DETAIL



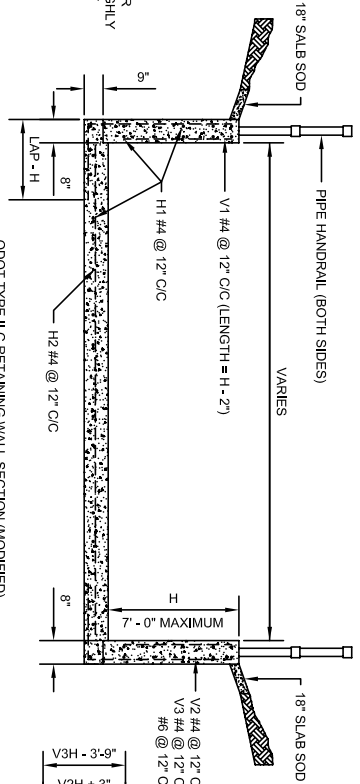
TYPICAL CONCRETE CHANNEL LINER DETAIL



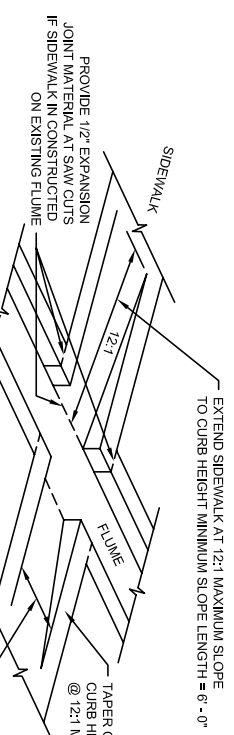
CONCRETE CHANNEL WEEP HOLE DETAIL



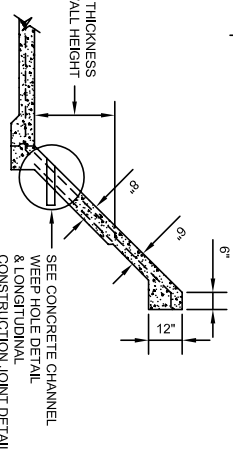
CONCRETE CHANNEL LINER JOINT DETAIL



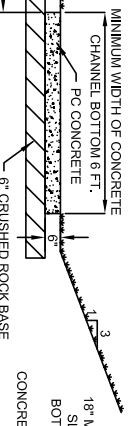
CONCRETE CHANNEL LINER JOINT DETAIL



SIDEWALK RAMP AT FLUME CROSSING



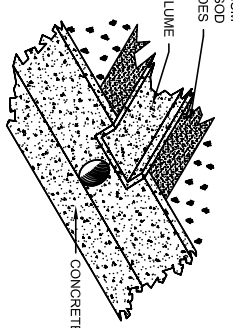
CONCRETE CHANNEL LINER JOINT DETAIL



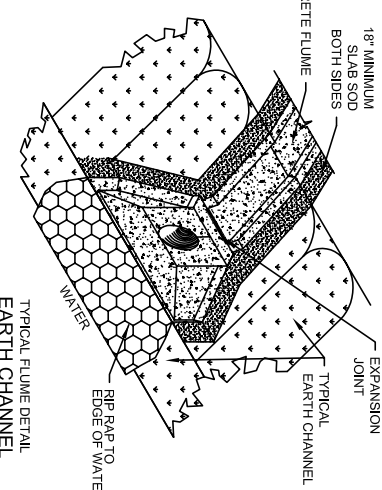
CONCRETE CHANNEL LINER JOINT DETAIL

BOTTOM WIDTH	WALL WIDTH	WALL HEIGHT	WALL THICKNESS
10 FEET	12 FEET	12 FEET	12 FEET
20 FEET	24 FEET	24 FEET	24 FEET
30 FEET	36 FEET	36 FEET	36 FEET
40 FEET	48 FEET	48 FEET	48 FEET

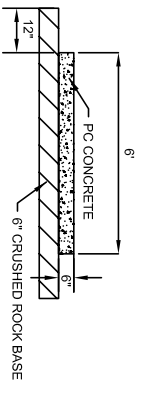
TRICKLE CHANNEL FOR DRAINAGE CHANNEL



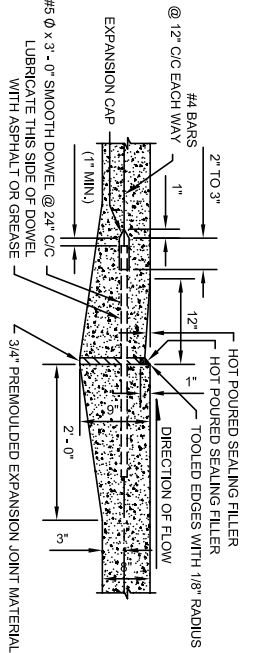
TYPICAL FLUME DETAIL



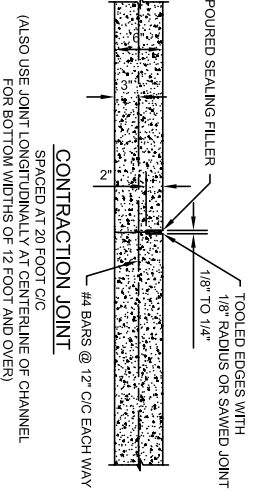
TYPICAL FLUME DETAIL



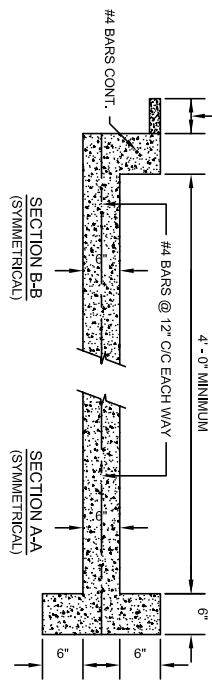
TRICKLE CHANNEL FOR DETENTION PONDS



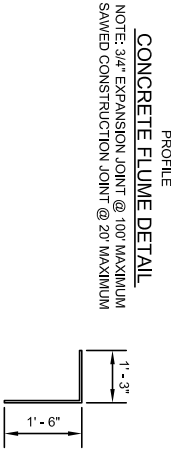
TYPICAL TRANSVERSE EXPANSION JOINT



CONTRACTION JOINT

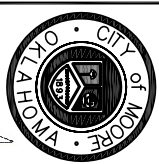


CONSTRUCTION JOINT



CONCRETE FLUME DETAIL

The City of Moore Oklahoma
STANDARD CHANNEL
LINER & FLUME
DETAILS
STD. D-501



APPROVED BY: *Donald Vick, P.E.*
CITY ENGINEER
DATE: 03/06/2008
REVISION: *Donald Vick, P.E.*