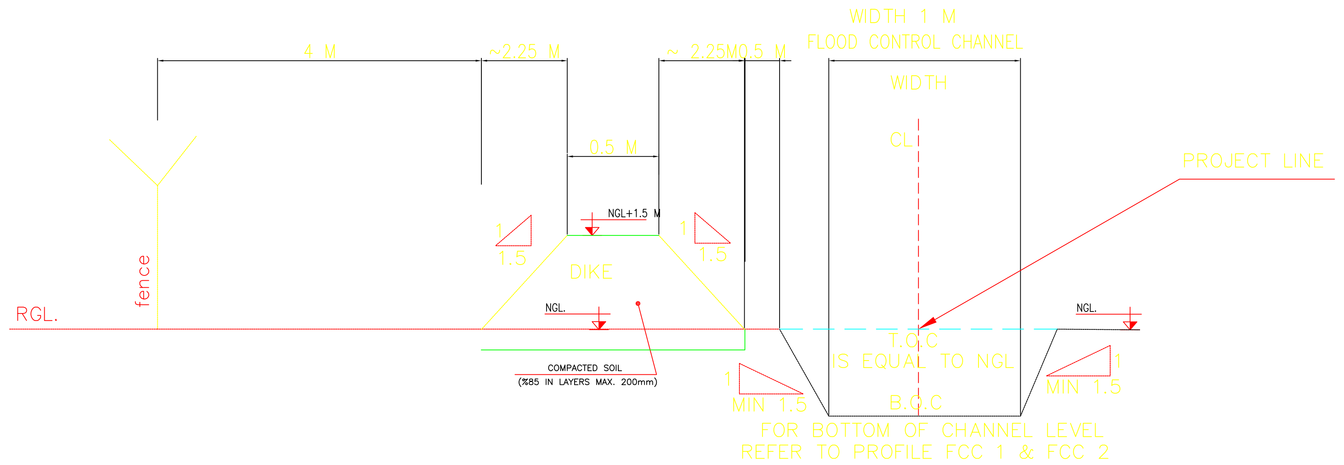
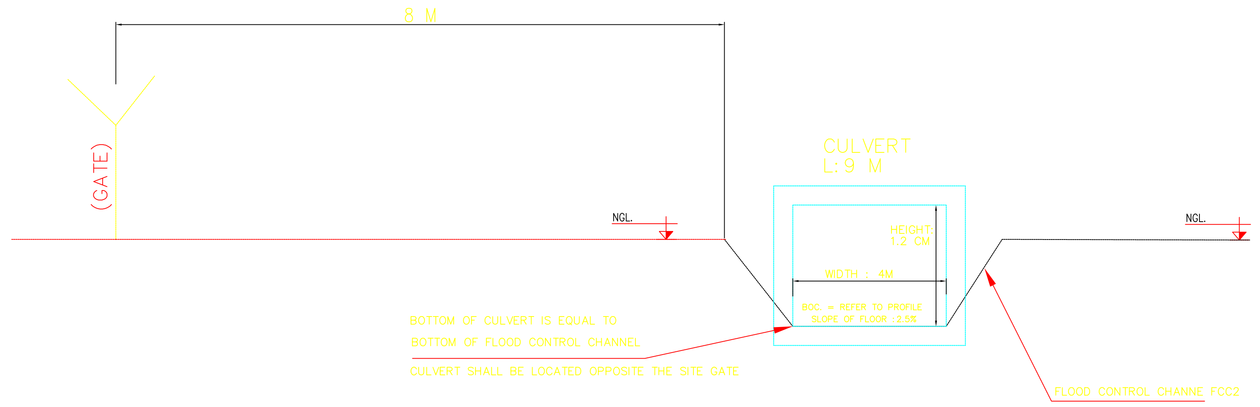
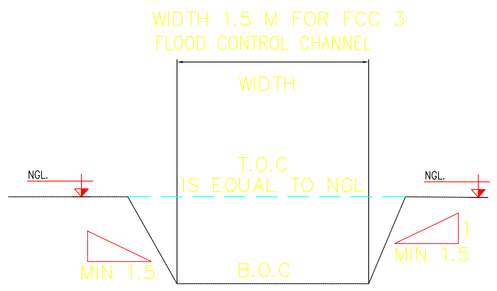


1 TYPICAL SECTION FOR FLOOD CONTROL SYSTEM FCC 1 & FCC 2



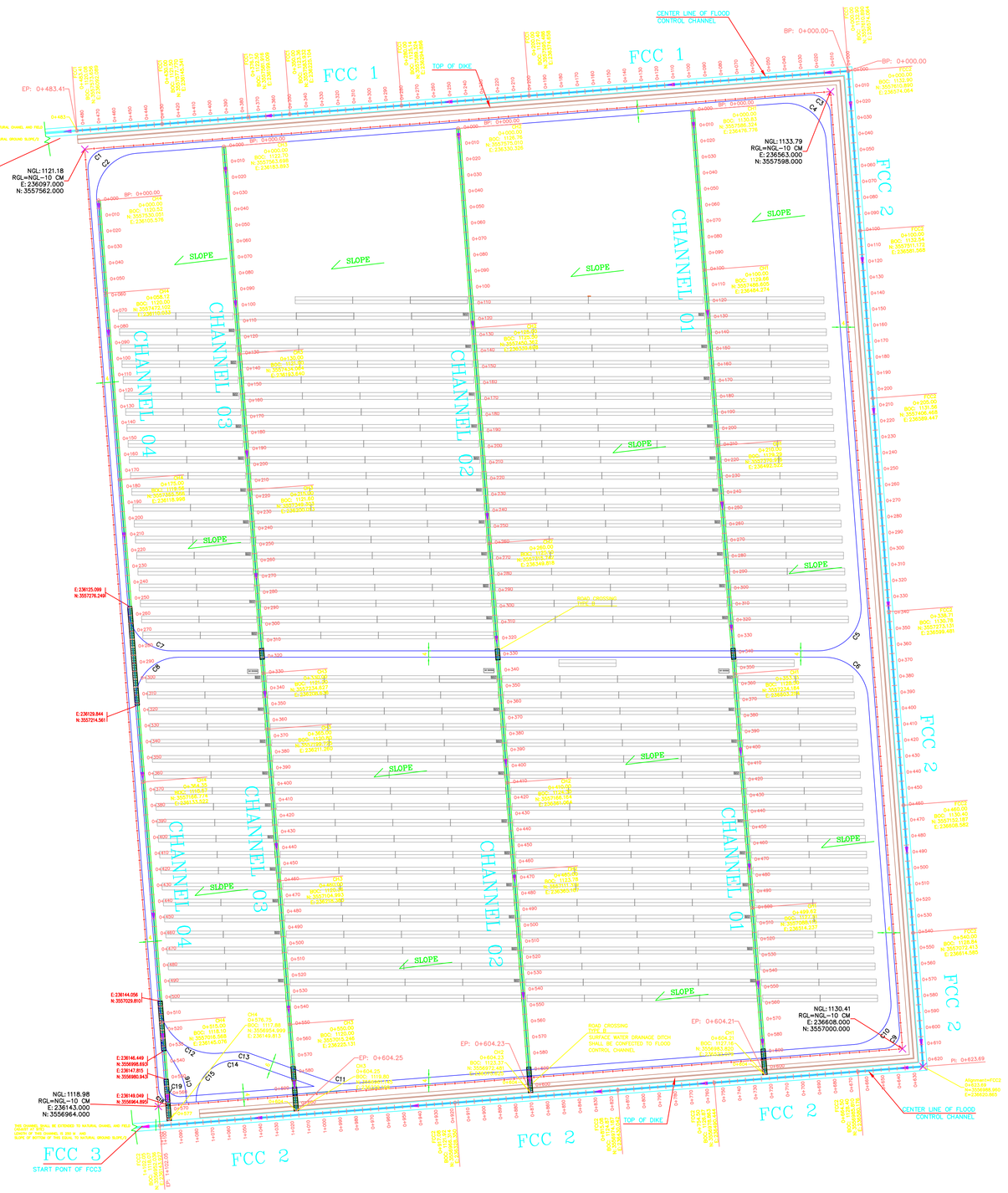
2 CULVERT SECTION & DETAIL



FOR BOTTOM OF CHANNEL LEVEL IN STATION 0+001
IS EQUAL TO BOTTOM OF CHANNEL OF FCC1&2 AT FINAL STATION

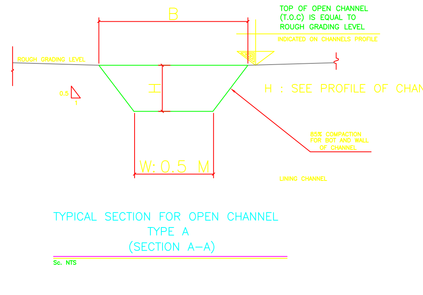
THIS CHANNEL SHALL BE EXTENDED TO NATURAL CHANEL AND FIELD
(ADJUST AT SITE)
LENGTH OF THIS CHANNEL IS 250 M AND
SLOPE OF BOTTOM OF THIS CHANNEL IS NATURAL GROUND SLOPE/2

3 TYPICAL SECTION FOR FLOOD CONTROL SYSTEM FCC 3



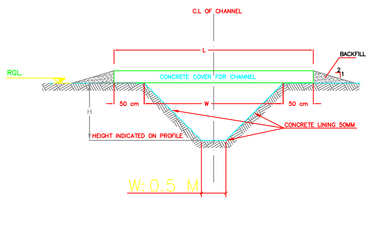
PLAN

Sc. 1/1000



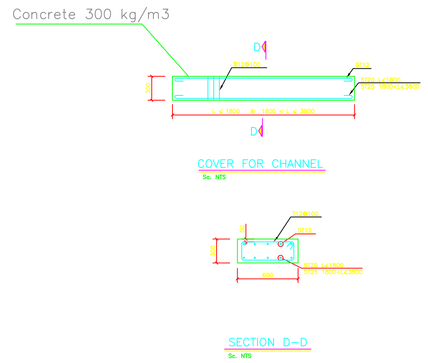
TYPICAL SECTION FOR OPEN CHANNEL
TYPE A
(SECTION A–A)

Sc. NTS



ROAD CROSSING
TYPE B

Sc. N.T.S.



REFRENCE DOCUMENT	DOCUMENT No.

NOTES :

1– ALL DIMENSIONS AND ELEVATIONS ARE IN METER UNLESS OTHERWISE NOTED.
2– ALL ELEVATION IS CORRESPONDED TO MEAN SEA LEVEL (MSL.) .
3– TOP OF CHANNELS (INSIDE FENCE) IS EQUAL TO ROUGH GRADE ELEVATION .
4–ALL CONCRETE WORKS SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATION.
5– TOP OF ALL FLOODE CONTROL CHANNELS IS EQUAL TO NGL .
6– ALL CHANNELS (INSIDE FENCE) IS TYPE A AND CONC COVERED SHALL BE USED FOR MENTION POINTS ACCORDING TO RELATED LEGEND .
7– RE–BAR STRENGTH : fy = 4000 kg/cm^2
IN–SITU CONC. : Class B f'c = 300 kg/cm^2
PRECAST CONC. f'c = 300 kg/cm^2
LEAN CONC. f'c = ACCORDING TO CONCRETE SPEC.
8– FOR LOCATION OF ROADS PLEASE SEE ROAD LAYOUT .

LEGEND

N	NORTH
E	EAST
EP.	END POINT
BP.	START POINT
NGL	NATURAL GROUND LEVEL
RGL	ROUGH GRADE LEVEL
H	HEIGHT
W	WIDTH
	SURFACE WATER DRAINAGE CHANNEL ROUTE
	CENTER LINE OF DITCH
	ROAD CROSSING DETAIL
	FLOW (SLOPE) DIRECTION
B.O.C	BOTTOM OF CHANNEL LEVEL
T.O.C	TOP OF CHANNEL LEVEL
BOCU.	BOTTOM OF CULVERT
PL.	PROJECT LINE LEVEL
	FENCE
FCC	FLOOD CONTROL CHANNEL
C n.	CURVE NUMBER

No.	Drawn	Date	Description	Checked	Approved
00	A. Fattahi	26/02/08	IFC		

Drawn: A. Fattahi	Date 26/02/08	Client:	Contractor:
Design: A. Fattahi	Date 26/02/08		
Checked:	Date		
Approved:	Date		

Project: Zarch 20 MW Solar Power Plant

Title: FLOOD MANAGEMENT FOR OUT SITE OF PLANT & IMPLEMENTATION DETAIL DRAWING

Scale:	Size:
Fit	A3
Sheet: 1 OF 2	Unit:

Drawing No.: 410–DE–CV–DRW–0012

Rev.: