

NOTES

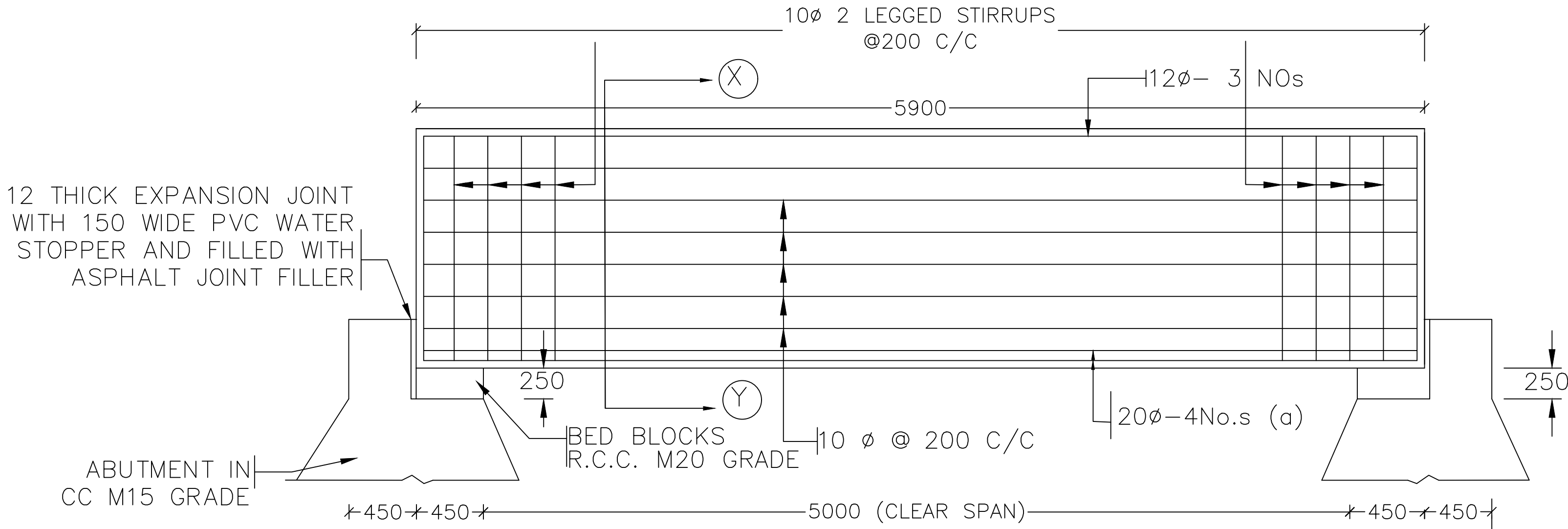
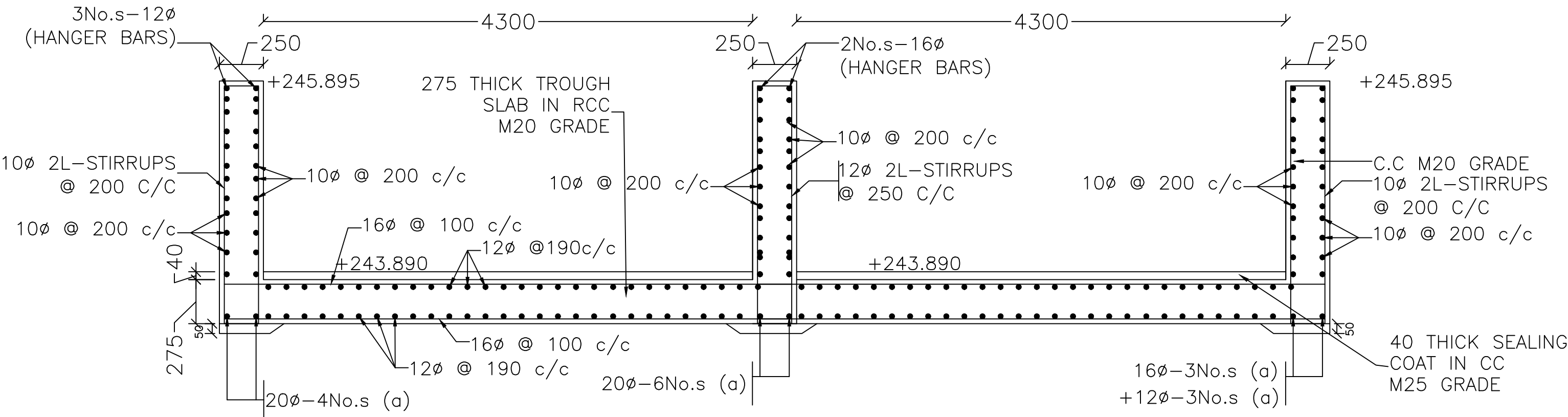
1. ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS OTHERWISE SPECIFIED IN THE DRAWING.
2. DO NOT SCALE THE DRAWING. FIGURED DIMENSIONS SHALL BE FOLLOWED.
3. REINFORCEMENT SHALL BE HYSD BARS (Fe 415 GRADE) CONFORMING TO IS 1786.
4. CLEAR COVER TO REINFORCEMENT SHALL BE 25 MM UNLESS OTHER WISE SPECIFIED IN THE DRAWING.
5. LAPS AND SPICING OF MAIN REINFORCEMENT SHALL BE AVOIDED AS FAR AS POSSIBLE. WHERE EVER NECESSARY THEY SHALL BE PROVIDED DULY CONFORMING TO IS : 456.
6. ALL THE WORKMANSHIP OF CONCRETE SHALL COMFORM TO IS:456-2000.
7. THE COARSE AGGREGATE SHALL CONFORM TO IS:383.

STRESS TABLE

S.NO	DESCRIPTION	STRESS IN T/M ²			
		IN CONCRETE		ON SOIL	
		MAX	MIN	MAX	MIN
1	ABUTMENT (SECTION 1-1)	+20.322	-2.054	+17.291	+0.884
2	U/S WING WALL MAX. SECTION 2-2	+17.884	+0.543	+14.042	+4.995
3	U/S WING & RETURN WALL MIN. SECTION 3-3	+13.354	+0.508	+10.004	+4.495
2	D/S WING WALL MAX. SECTION 4-4	+16.293	+1.009	+12.846	+5.152
3	D/S WING & RETURN WALL MIN. SECTION 5-5	+11.826	+0.906	+8.732	+4.729

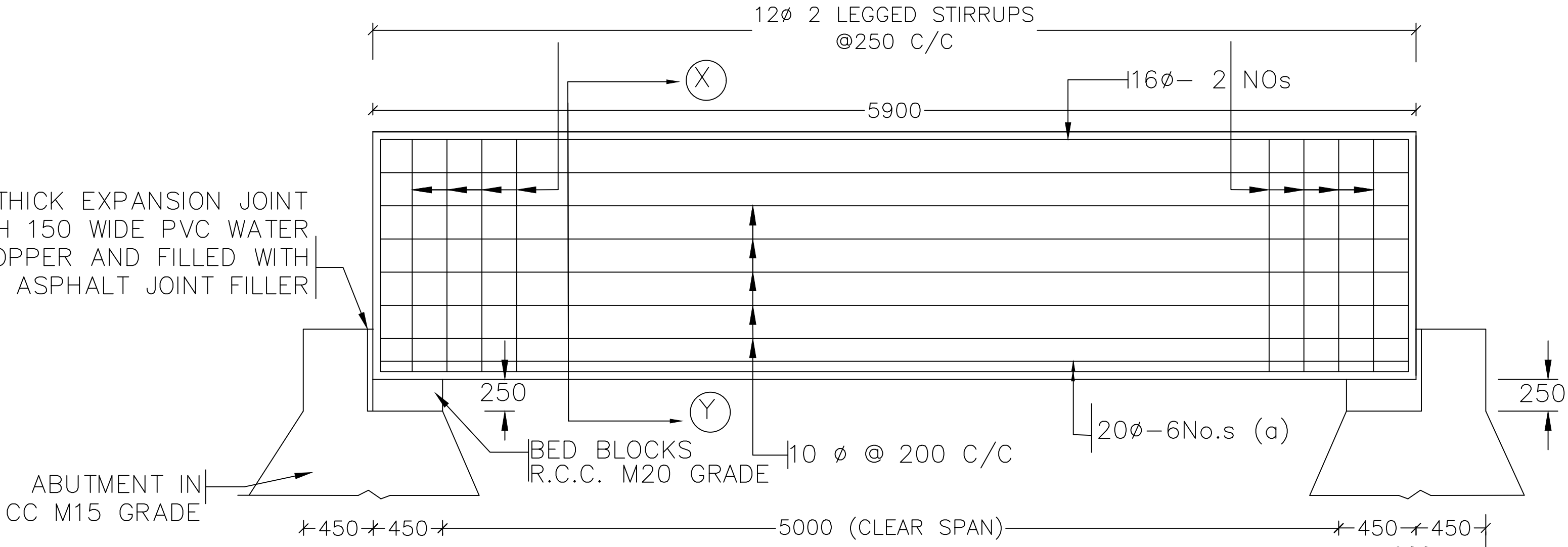
(-) INDICATES TENSION

REINFORCEMENT DETAILS OF TROUGH SLAB

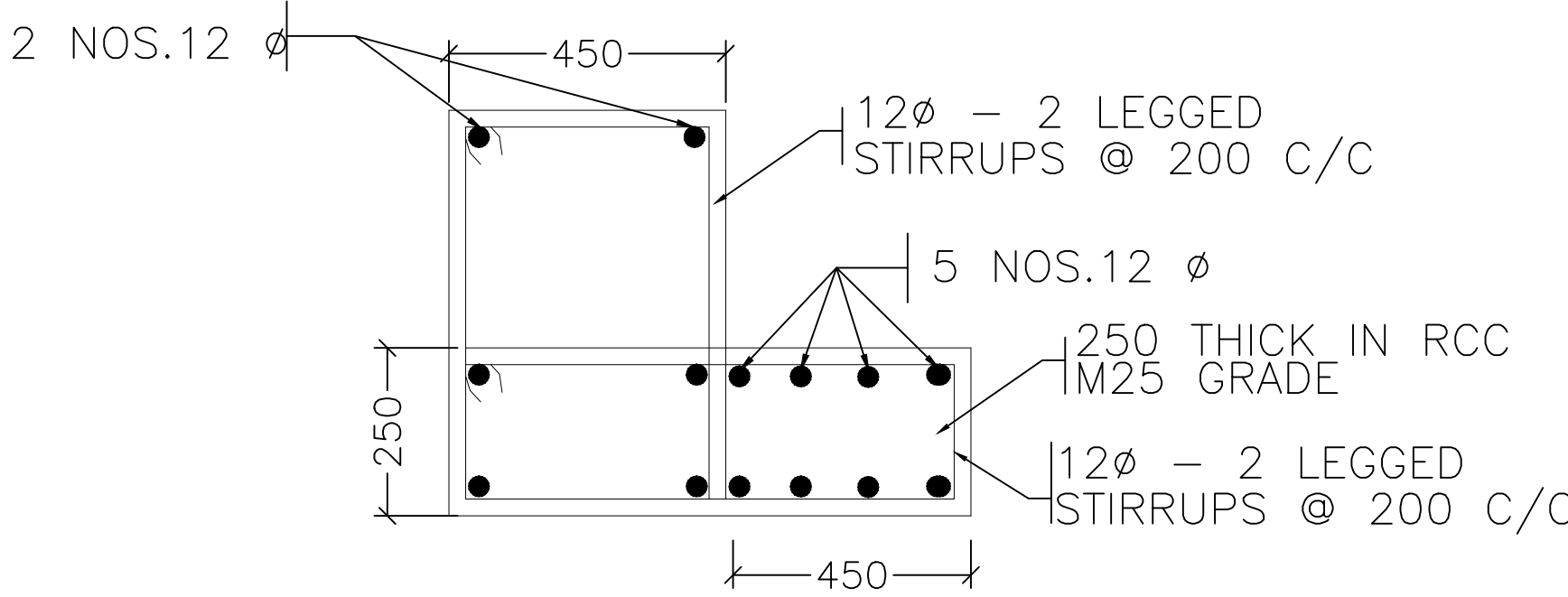


LONGITUDINAL SECTION OF BEAM(END WALL)

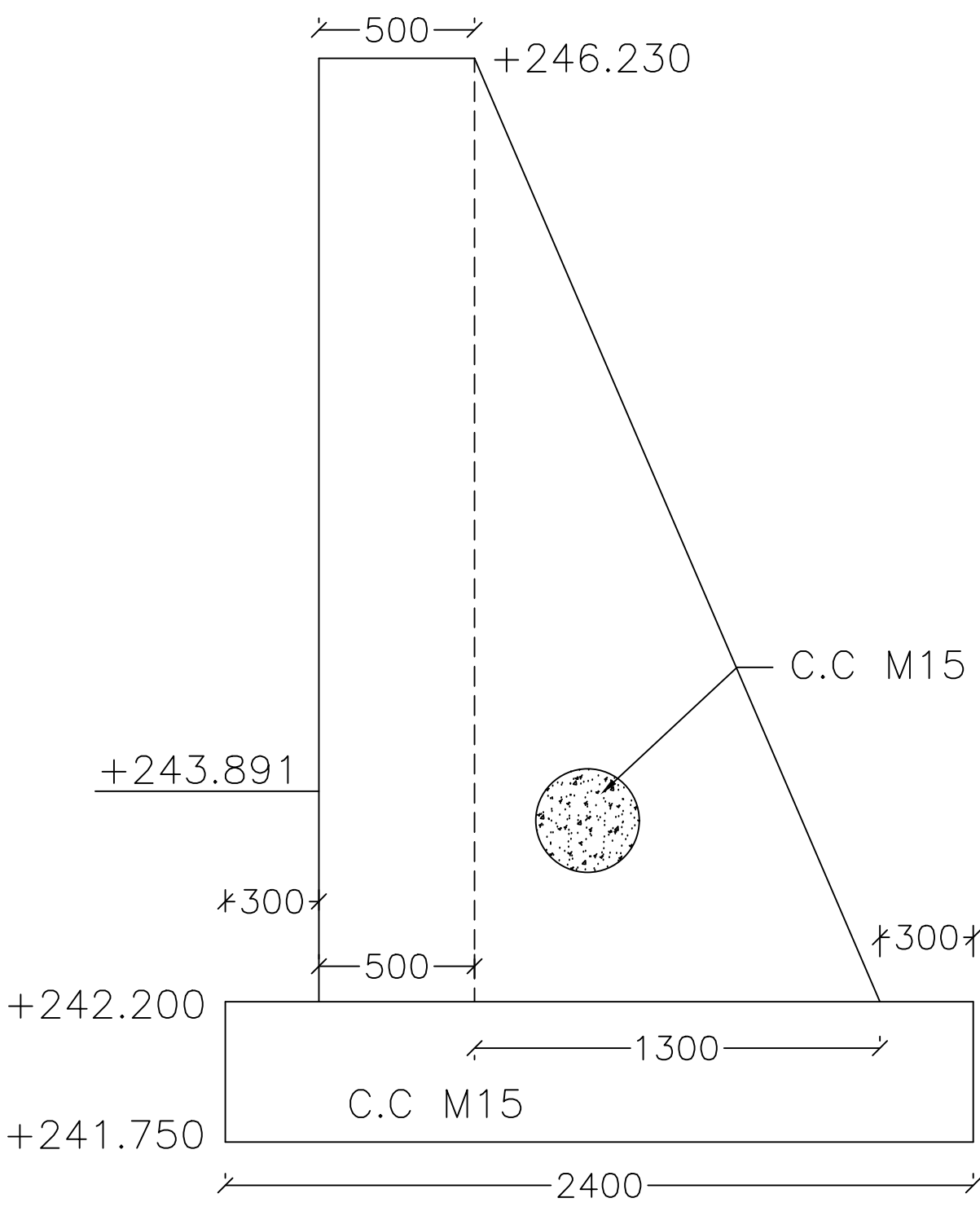
12 THICK EXPANSION JOINT WITH 150 WIDE PVC WATER STOPPER AND FILLED WITH ASPHALT JOINT FILLER



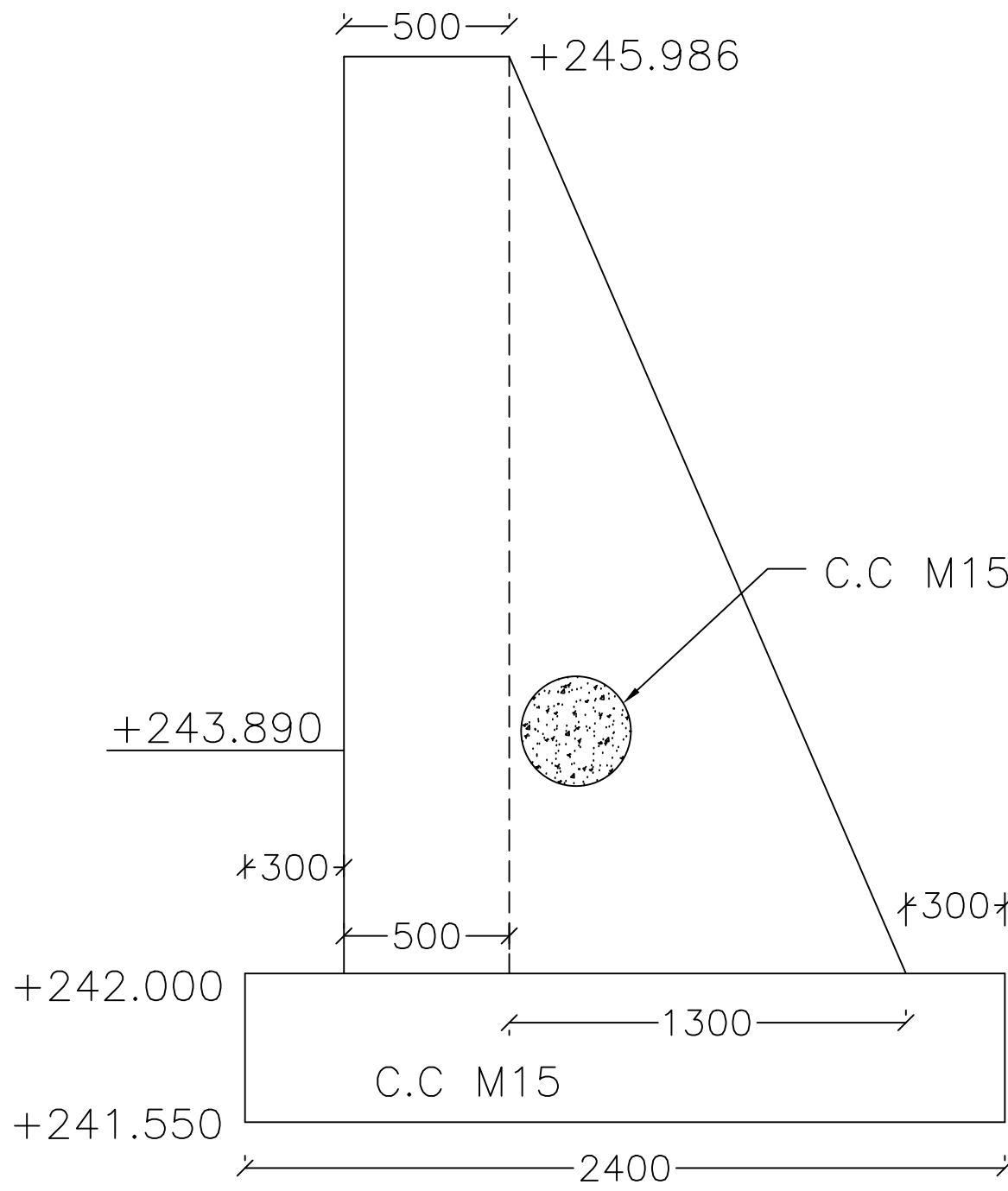
LONGITUDINAL SECTION OF BEAM(INTERMEDIATE WALL)



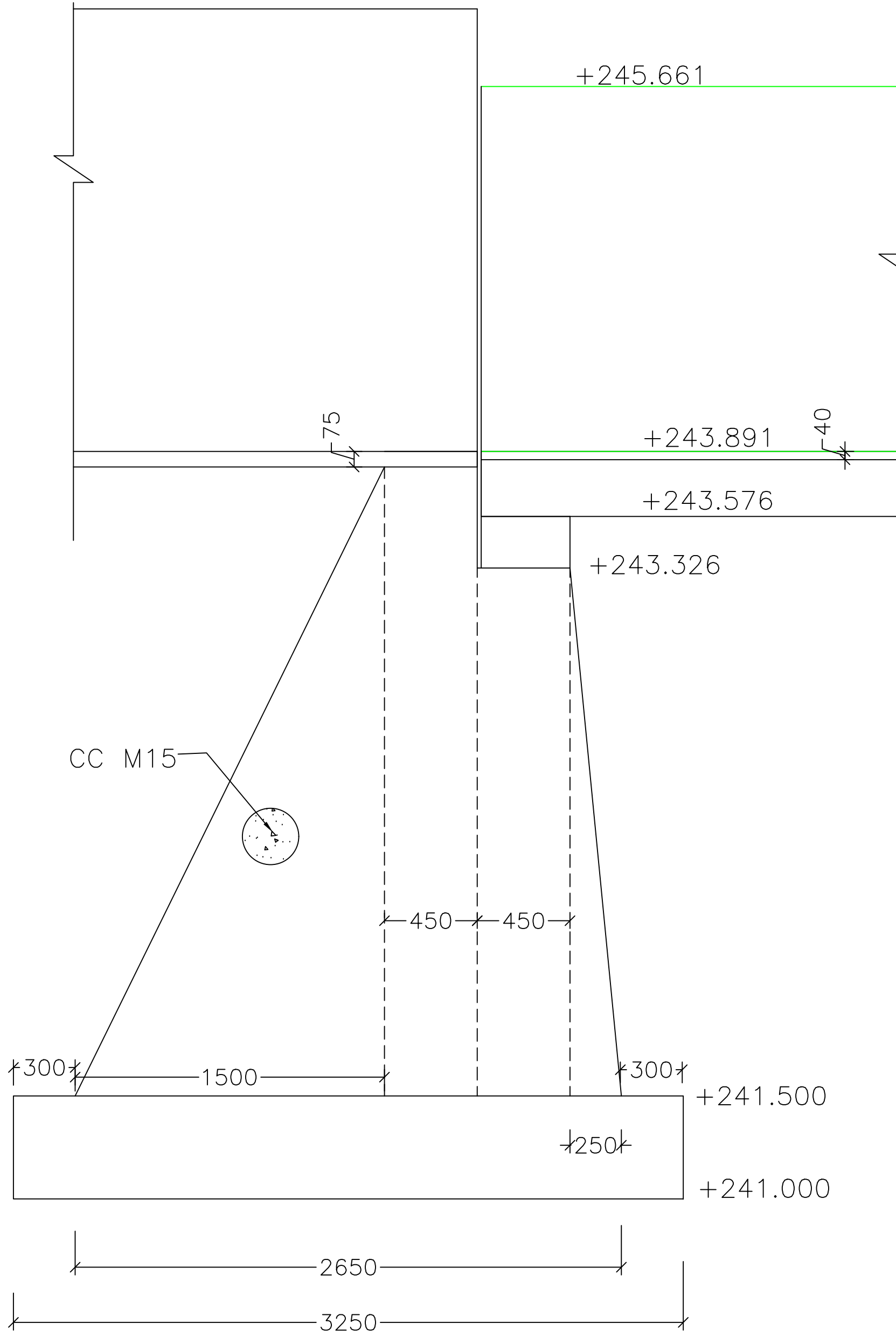
REINFORCEMENT DETAILS OF BED BLOCK OVER ABUTMENT



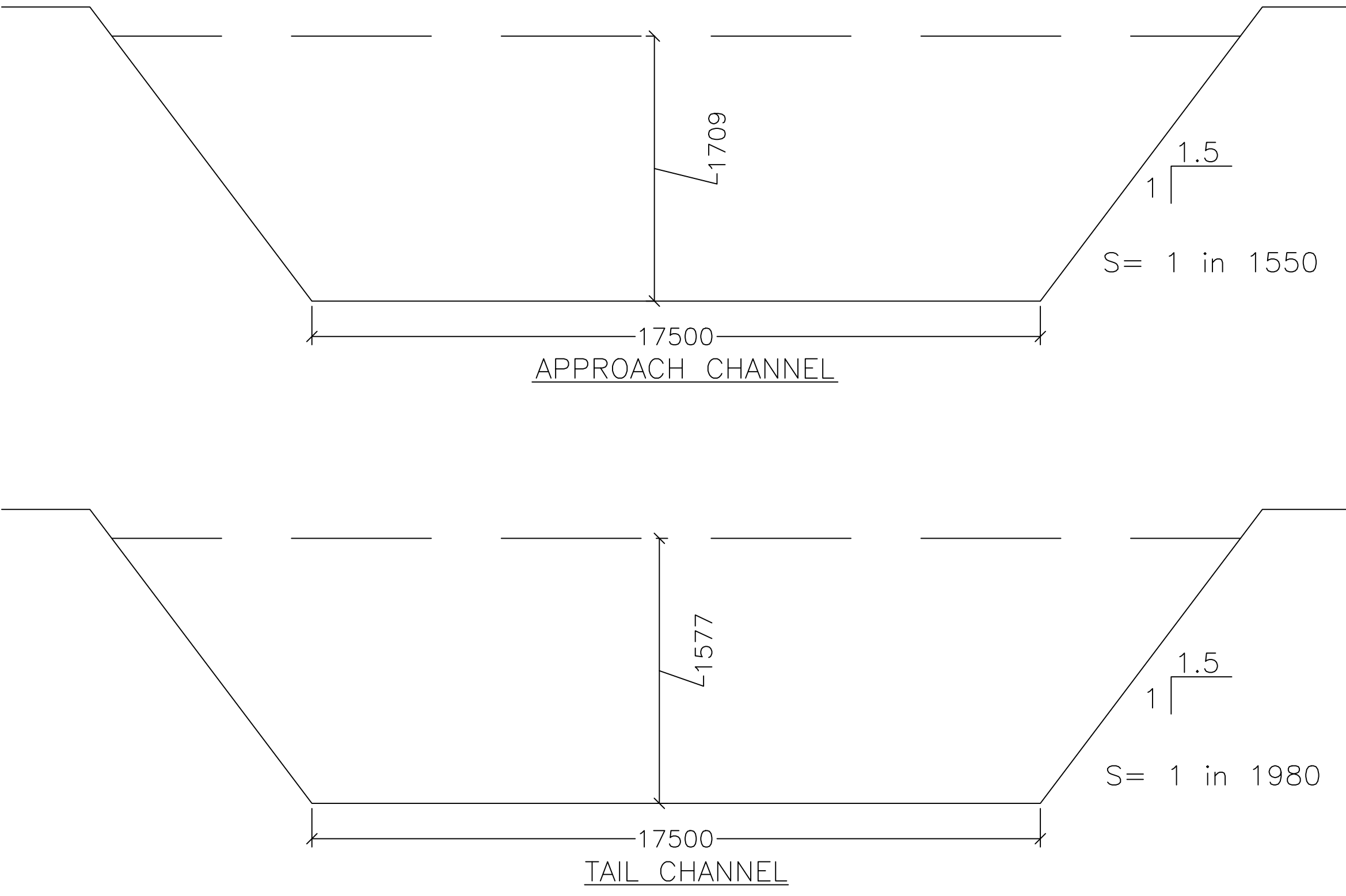
SECTION 3-3
U/S WING & RETURN WALL MIN. SECTION



SECTION 5-5
D/S WING & RETURN WALL MIN. SECTION



ABUTMENT
SECTION ON 1-1



REFERENCE:

1. DWG NO.: 1/2 - GENERAL PLAN & SECTIONAL ELEVATIONS

CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT	
PROJECT	GANDIKOTA LIFT IRRIGATION SCHEME KADAPA	
TITLE	SUPER PASSAGE AT KM 8.532 OF SANTHAKOVUR MAJOR ON FEEDER CHANNEL TO BUCHUPALLI TANK	
	SECTIONS & REINFORCEMENT DETAILS OF TROUGH	
CONTRACTORS	M/S K.B.L. - M.C.C.L. JV, PUNE	
DRAWING NO:	SCALE	DATE
	AS INDICATED	

Sd/- 08/04/2010
SUPERINTENDING ENGINEER
G.N.S.S. CIRCLE, KADAPA.