



REINFORCEMENT SCHEDULE FOR BOX UNDER EARTH BANK PER METER RUN

Sl.No	NOTATION	SHAPE OF BAR	SPACING
1	a		12Ø @ 200 C/C
2	b		16Ø @ 200 C/C
3	c	$840 + 300 + 840$	20Ø @ 200 C/C
4	d	9840	16Ø @ 200 C/C
5	e	2240	12Ø @ 200 C/C
6	f	2480	12Ø @ 200 C/C
7	g		10Ø @ 200 C/C
8	h	9840	10Ø @ 200 C/C
9	s1		2 LEG-8Ø @ 280 C/C
10	s2		2 LEG-8Ø @ 300 C/C
11	s3		2 LEG-8Ø @ 200 C/C

REINFORCEMENT SCHEDULE FOR BOX UNDER CANAL TROUGH PER METER RUN

Sl.No	NOTATION	SHAPE OF BAR	SPACING
1	a		12Ø @ 250 C/C
2	b		12Ø @ 250 C/C
3	c	$840 + 300 + 840$	16Ø @ 250 C/C
4	d	$840 + 300 + 840$	12Ø @ 250 C/C
5	e	2240	12Ø @ 250 C/C
6	f	2480	12Ø @ 250 C/C
7	g		10Ø @ 250 C/C
8	h	9840	10Ø @ 250 C/C

APPROVED
Sd/- (Dt 24.11.2006)
(I.S.N. RAJU.)
CHIEF ENGINEER
CENTRAL DESIGNS ORGANISATION
HYDERABAD

// t.c.f //

EXECUTIVE ENGINEER
CANALS - II DIVISION
CENTRAL DESIGNS ORGANISATION,
HYDERABAD.

19/11/2006

TRUE COPY

19/11/2006

Deputy Superintending Engineer
H.N.S.S. Circle, ANANTAPUR

NOTES AND SPECIFICATIONS

- ALL THE DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
- DO NOT SCALE THE DRAWING. WRITTEN DIMENSIONS ONLY SHALL BE FOLLOWED.
- MINIMUM COVER TO ALL REINFORCEMENT SHALL BE 30 MM TO ENSURE PROPER COVER OF CONCRETE TO REINFORCEMENT.
- ALL REINFORCING STEEL SHALL BE OF HIGH YIELD STRENGTH DEFORMED BARS, (FE 415) CONFORMING TO IS 1786 - 1985.
- JOINTS OR LAPPING OF BARS IN MAIN REINFORCEMENT SHALL BE AVOIDED AS FAR AS POSSIBLE. HOWEVER IF LAPS ARE INEVITABLE, THE PROVISION IN CLAUSE 304.6.6 OF IRC 21 - 2000 SHALL BE STRICTLY FOLLOWED.
- BENDING OF REINFORCEMENT BARS SHALL BE AS PER IS - 2502. SUPPORTING CHAIRS OF 12 MM DIA SHALL BE PROVIDED AT SUITABLE INTERVALS AS PER IS - 2502.
- CONCRETE SHALL BE PREPARED IN THE MECHANICAL MIXERS OF CAPACITY NOT LESS THAN 200 LITRES. PROPER COMPACTION OF CONCRETE SHALL BE ENSURED BY USE OF FORM AND NEEDLE VIBRATORS.
- ALL HAUNCHES PROPOSED IN THE BOXES ARE OF 150 X 150 SIZE
- BAR BENDING SCHEDULE SHALL PREPARED AND VERIFIED BEFORE EXECUTION

REFERENCE DRAWINGS

- DRAWING NO. HNSS/BB/UT/156.200/001/2006 - GENERAL PLAN AND SECTIONAL ELEVATIONS
- DRAWING NO. HNSS/BB/UT/156.200/002/2006 - HEAD WALLS, WINGS, RETURNS & DROP WALL

REVISION NO.	DRAWN	CHECKED	APPROVED	DATE
CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT			
PROJECT	HANDRI NEEVA SUJALA SRAVANTHI MAIN CANAL			
TITLE	UNDER TUNNEL KM. 156.200 DETAILS OF R.C.C. BOX			
CONTRACTORS	BACK BONE PROJECTS LIMITED HYDERABAD			
DRAWING NO.	SCALE		DATE	
HNSS/BB/UT/156.200/003/2006	AS INDICATED			