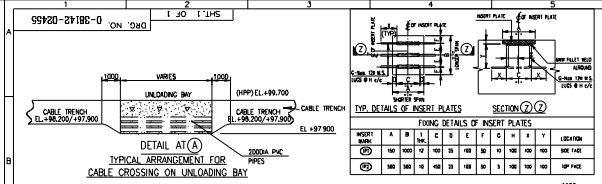
FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO. 0-38142-02456 SHT.1 OF 1



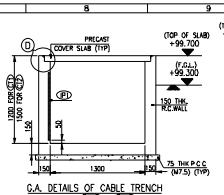
DETAIL AT (A)
TYPICAL ARRANGEMENT FOR CABLE CROSSING ON UNLOADING BAY

TYP. DETAILS OF INSERT PLATES SECTION (2) (2)

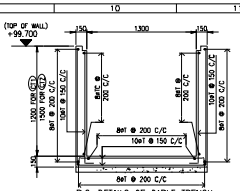
FIXING DETAILS OF INSERT PLATES

INSERT MARK	A	B	L	C	D	E	F	G	H	X	Y	LOCATION
IP1	150	1000	12	100	25	188	50	10	100	100	100	SIDE FACE
IP2	380	380	16	450	25	188	50	5	100	100	100	TOP FACE

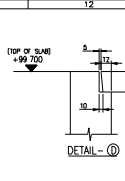
FOR CONTINUATION REFER INTER PLANT CABLE ROUTING DRG. No.0-38121-02167



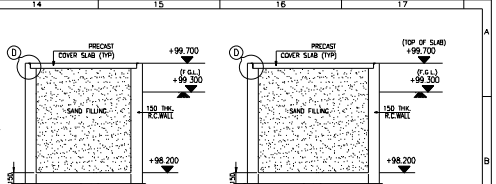
G.A. DETAILS OF CABLE TRENCH MKD.CT1&CT2



R.C. DETAILS OF CABLE TRENCH MKD.CT1&CT2

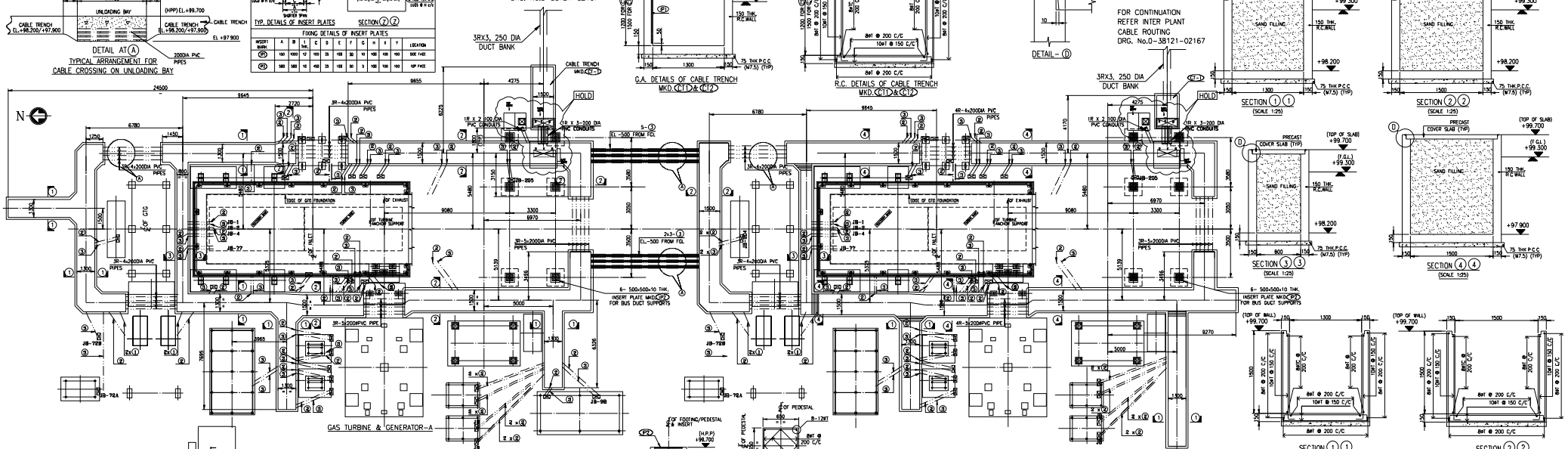


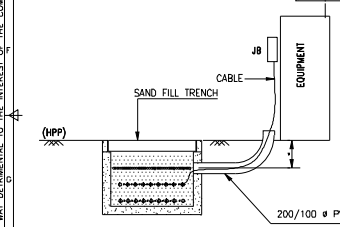
FOR CONTINUATION REFER INTER PLANT CABLE ROUTING DRG. No.0-38121-02167



SECTION (1) (1) (SCALE 1:25)
SECTION (2) (2) (SCALE 1:25)

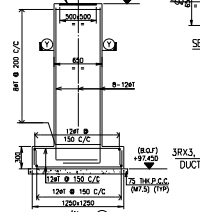
SECTION (3) (3) (SCALE 1:25)
SECTION (4) (4) (SCALE 1:25)



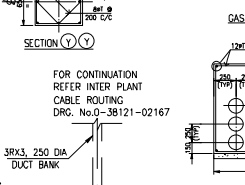


TRPICAL PIPE INSERT ARRANGEMENT BET. TRENCH JUNCTION BOX

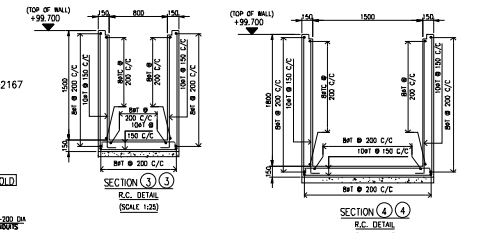
(6) COMPACTED COHESIVE NON-SHELLING SOILS (CNS SOILS) SHALL BE PROVIDED BENEATH THE FOUNDATIONS. COHESIVE OR FINE GRAINED SOILS WITH MORE THAN 50 PERCENT PASSING THE NUMBER 200 SIEVE AND WITH LIQUID LIMIT LESS THAN 45 ARE SUITABLE FOR USE AS CNS SOILS. THE CNS LAYER SHOULD BE EXTENDED LATERALLY A MINIMUM OF 0.700M IN ALL DIRECTIONS OF THE FOUNDATION. THE CNS LAYER SHOULD BE PLACED IN LAYERS OF LOOSE LIFTS NOT EXCEEDING 150 mm AND SHOULD BE COMPACTED AT ITS OPTIMUM MOISTURE CONTENT, TO 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTER TEST. PROPER COMPACTION OF COHESIVE SOILS CAN BE ACHIEVED WITH SHEEPSFOOT OR PNEUMATIC TYPE COMPACTORS UNDER OPTIMUM MOISTURE CONDITIONS. COMPACTION TESTS SHOULD BE TAKEN TO VERIFY THAT ADEQUATE DEGREE OF COMPACTION HAS BEEN ACHIEVED.

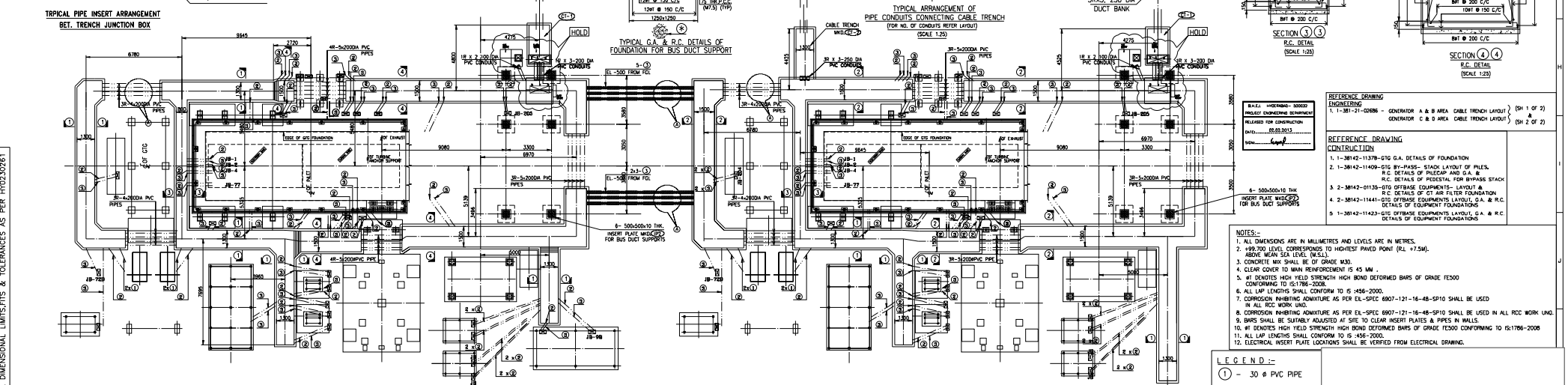


TYPICAL G.A. & R.C. DETAILS OF FOUNDATION FOR BUS DUCT SUPPORT



TYPICAL ARRANGEMENT OF PIPE CONDUITS CONNECTING CABLE TRENCH (FOR NO. OF CONDUITS REFER LAYOUT) (SCALE 1:25)





B.H.E.L. HARIDWAR - 500032
PROJECT ENGINEERING DEPARTMENT
RELEASED FOR CONSTRUCTION
DATE: 02.02.2013
SIGN:

REFERENCE DRAWING ENGINEERING

1. 1-381-21-02686 - GENERATOR A & B AREA CABLE TRENCH LAYOUT (SH 1 OF 2) & GENERATOR C & D AREA CABLE TRENCH LAYOUT (SH 2 OF 2)

REFERENCE DRAWING CONTRUCTION

1. 1-38142-11378-GTG G.A. DETAILS OF FOUNDATION
2. 1-38142-11409-GTG BY-PASS- STACK LAYOUT OF PILES, R.C DETAILS OF PILECAP AND G.A. & R.C. DETAILS OF PEDESTAL FOR BYPASS STACK
3. 2-38142-01135-GTG OFFBASE EQUIPMENTS- LAYOUT & R.C DETAILS OF GT AIR FILTER FOUNDATION
4. 2-38142-11441-GTG OFFBASE EQUIPMENTS LAYOUT, G.A. & R.C. DETAILS OF EQUIPMENT FOUNDATIONS
5. 1-38142-11423-GTG OFFBASE EQUIPMENTS LAYOUT, G.A. & R.C. DETAILS OF EQUIPMENT FOUNDATIONS

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
2. +99.700 LEVEL CORRESPONDS TO HIGHEST PAVED POINT (RL +7.5M). ABOVE MEAN SEA LEVEL (M.S.L).
3. CONCRETE MIX SHALL BE OF GRADE M30.
4. CLEAR COVER TO MAIN REINFORCEMENT IS 45 MM .
5. ø# DENOTES HIGH YIELD STRENGTH HIGH BOND DEFORMED BARS OF GRADE FE500 CONFORMING TO IS:1786-2008.
6. ALL LAP LENGTHS SHALL CONFORM TO IS :456-2000.
7. CORROSION INHIBITING ADMIXTURE AS PER EIL-SPEC 6907-121-16-48-SP10 SHALL BE USED IN ALL RCC WORK UNO.
8. CORROSION INHIBITING ADMIXTURE AS PER EIL-SPEC 6907-121-16-48-SP10 SHALL BE USED IN ALL RCC WORK UNO.
9. BARS SHALL BE SUITABLY ADJUSTED AT SITE TO CLEAR INSERT PLATES & PIPES IN WALLS.
10. ø# DENOTES HIGH YIELD STRENGTH HIGH BOND DEFORMED BARS OF GRADE FE500 CONFORMING TO IS:1786-2008
11. ALL LAP LENGTHS SHALL CONFORM TO IS :456-2000.
12. ELECTRICAL INSERT PLATE LOCATIONS SHALL BE VERIFIED FROM ELECTRICAL DRAWING.

LEGEND:-

(1) - 30 ø PVC PIPE
(2) - 100 ø PVC PIPE
(3) - 200 ø PVC PIPE

REV.	DATE	ALTERED	CHD/APPD
ZONE			
00	01.02.13	FIRST SUBMISSION	CHD/APPD SBK/GRP

SHELL CONSTRUCTURE

M.N. DASTUR & COMPANY (P) LTD. CONSULTING ENGINEERS (I) - KOLKATA

	NAME	SIGN.	DATE
DRN.	AMC	AMC	30.09.2013
CHD.	GGR	GGR	30.09.2013
APPD.	VV	VV	30.09.2013

DASTUR CO PROJECT NO : 07018

DRG NO.27378-30-98-DIL-0101 REV. 00A

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GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY02J0261

REVISION NO | SCN. AND DATE | REF. DRG. NO | CONSUMER FILE NAME