

FOUNDATION ELEVATION DETAIL



REBAR 6-20M @ 1.83m
HORIZONTAL REINFORCING TIES
1-10M AT 300 C-C

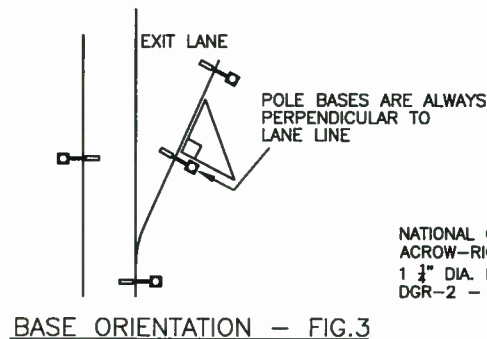
REBAR LAYOUT DETAIL



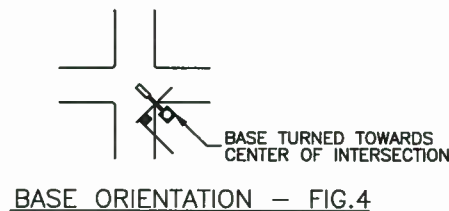
BASE ORIENTATION - FIG.1



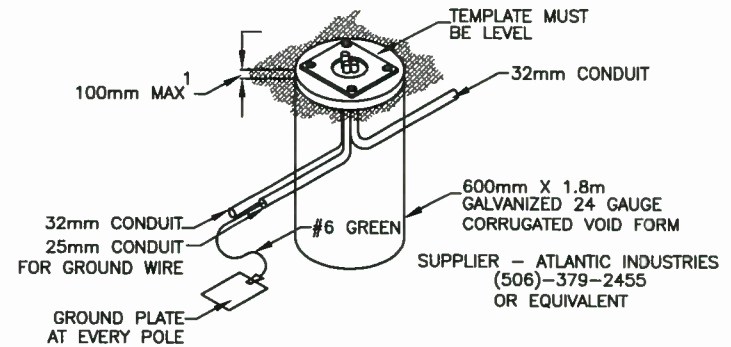
BASE ORIENTATION - FIG.2



BASE ORIENTATION - FIG.3

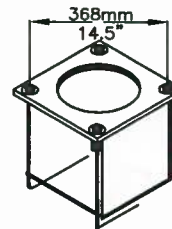


BASE ORIENTATION - FIG.4



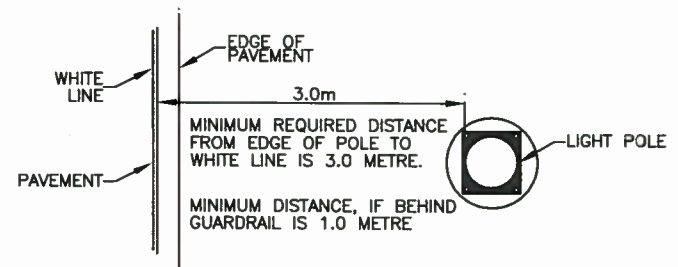
ANCHOR NOTES:

1. ALIGNMENT ERROR OF GREATER THAN 5 DEGREES WILL NECESSITATE THE REPLACEMENT OF THE CONCRETE BASE. SIGNAL EQUIPMENT IS PREMANUFACTURED BASED ON A 5 DEGREE ERROR TOLERANCE.
2. ANCHOR ALIGNMENT SHALL BE BASED ON THE ORIENTATION REQUIREMENTS AS SHOWN IN FIG. 1 THRU 4.
3. HOLE DIAMETER IN ANCHOR PLATE MUST NOT BE ALTERED. HOLE SIZE IS MAXIMUM ALLOWABLE FOR POLE IN USE.
4. ANCHOR PLATE MUST BE LEVEL BOTH NORTH, SOUTH AND EAST, WEST. BOTTOM OF ANCHOR PLATE MUST BE FLUSH WITH TOP OF CONCRETE AND IN THE CENTRE OF THE BASE. DO NOT PUSH INTO CONCRETE.
5. PRIOR TO CONCRETE SET, REMOVE BOLT TEMPLATE AND FINISH SURFACE TO A SMOOTH UNIFORM FINISH, FREE OF OPEN TEXTURING AND EXPOSED AGGREGATE. REPLACE TEMPLATE AND PLACE BOLTS FULLY INTO THREADED FERRULES (HAND TIGHT). ANCHOR STRUTS MUST BE AT OR BELOW THE SURFACE OF THE CONCRETE.



NATIONAL CONCRETE ACCESSORIES
ACROW-RICHMOND
1 1/4" DIA. PRESET ANCHOR TYPE
DGR-2 - 368MM BOLT CENTER DIA.

CONDUIT AND ANCHOR DETAIL



FOUNDATION OFFSET DETAIL

NOTES:
1. ANY FOUNDATION WITH EXPOSURE EXCEEDING 100mm SHALL BE REPLACED.

FOUNDATION FORM
600mm X 1.8m GALVANIZED 24 GAUGE CORRUGATED VOID FORM
SUPPLIER - ATLANTIC INDUSTRIES (506)-379-2455 OR EQUIVALENT

RICHMOND ANCHOR
GALVANIZED CAGE
PART NO. DGR-2: 31.5mm BOLTS AND
368mm BOLT CIRCLE

CONCRETE:
NSTIR STANDARD SPECIFICATION
DIVISION 5 SECTION 7
- 35 MPa
- 6% AIR ENTRAINMENT.
- 80mm SLUMP.

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FOUNDATION AND ANCHOR DETAIL
HIGHWAY LIGHTING



No.	REVISION
1	REVISION TO ANCHOR NOTES

Scale : N.T.S.
Drawn by : P.HILL
Checked by : A.THOMAS
Date of Plan : APR2016
File No. : S-2016-111