FOUNDATION ABOVE FINISHED
GRADE 25–100mm

CONDUIT ABOVE CONCRETE
100–150mm

TYPE 1

1800mm

CONDUIT

CONDUIT

FOUNDATION ELEVATION DETAIL

BASE ORIENTATION – FIG. 1

ROADWAY

BASE ORIENTATION – FIG. 2

ROADWAY

BASE ORIENTATION – FIG. 3

EXIT LANE

POLE BASES ARE ALWAYS PERPENDICULAR TO LANE LINE

BASE ORIENTATION – FIG. 4

BASE TURNED TOWARDS CENTER OF INTERSECTION

CONDUIT AND ANCHOR DETAIL

3.0m

WHITE LINE

LIGHT POLE

MINIMUM REQUIRED DISTANCE FROM EDGE OF POLE TO WHITE LINE IS 3.0 METRE.

MINIMUM DISTANCE, IF BEHIND GUARDRAIL IS 1.0 METRE.

FOUNDATION OFFSET DETAIL

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

SUPPLIER — ATLANTIC INDUSTRIES (506)–379–2455 OR EQUIVALENT

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

CONCRETE:
NSTR STANDARD SPECIFICATION
DIVISION 5 SECTION 7
= 35 MPa
= 6% AIR ENTRAPMENT
= 80mm SLUMP

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

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 THROUGH 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.
5. BOTTOM OF ANCHOR PLATE MUST BE FLUSH WITH TOP OF CONCRETE AND IN THE CENTRE OF THE BASE. DO NOT PUSH INTO CONCRETE.
6. 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 BERRIES (HAND TIGHT). ANCHOR STRUTS MUST BE AT OR BELOW THE SURFACE OF THE CONCRETE.

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

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

NOVA SCOTIA
Transportation and Infrastructure Renewal

Manager Traffic Engineering and Road Safety

Executive Director Highway Engineering and Construction

FOUNATION AND ANCHOR DETAIL
HIGHWAY LIGHTING

Scale : N.T.S.
Drawn by : P.HILL
Checked by : A.THOMAS
Date of Plan : APR2018
File No. : S–2016–111

1 REVISION TO ANCHOR NOTES
No. REVISION

1

1