



SECTION A-A

PLAN

This drawing was generated on computer and must not be manually updated

TITLE TYPICAL SITE FOR CANTILEVER VARIABLE MESSAGE SIGNS/MK3 SIGNALS
LARGE BASE DETAIL

NOTES

1. THIS DRAWING INDICATES THE GENERAL DESIGN & BUILD REQUIREMENTS OF A TYPICAL SITE. REFERENCE SHOULD BE MADE TO THE NDX DRAWINGS, THE CONTRACT DOCUMENT AND SPECIFIC DRAWINGS REGARDING THE FULL REQUIREMENTS FOR THE SITE.
2. UNLESS DICTATED BY LOCAL TOPOLOGY AND SPECIFICALLY AGREED WITH THE OVERSEEING ORGANISATION THE CABINETS AND THE ASSOCIATED SLABBING SHALL BE SET NOMINALLY TO ROAD LEVEL -0/+50MM. SLABBING SHALL BE CAMBERED TO PROVIDE WATER RUN OFF AWAY FROM CABINETS, CHAMBERS AND WALKWAYS AT NO GREATER THAN 2.5%
3. REFER TO NDX1002-00 SHEET 2 FOR DETAILS OF PLINTH 610.
4. CABLES TO BE ROUTED ONTO THE CANTILEVER STRUCTURE VIA BASE DUCT AND CABLEWAY WITHIN POST.
5. DUCTS TO BE EXTENDED THROUGH RETAINING WALLS AND CONCRETE BASES. ALL DUCTING SHALL CONFORM WITH THE REQUIREMENTS OF THE CONTRACT. THE 50mm DRAIN DUCT WITHIN THE FOUNDATION SHALL EXIT ABOVE POROUS GROUND LEVEL AND NO LOWER THAN 150mm ABOVE THE FINISHED GROUND LEVEL.
6. SAFETY FENCE PROVIDED IN ACCORDANCE WITH HIGHWAYS AGENCY MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, DETAILS OF LATEST REQUIREMENTS TO BE OBTAINED FROM THE OVERSEEING ORGANISATION.
7. CABINET BASE TYPE DETERMINED BY GROUND PROFILE.
8. LIGHTNING PROTECTION SYSTEM TO BE PROVIDED TO CANTILEVER BASE PLATE AND SHALL BE IN ACCORDANCE WITH THE SCOTTISH 1500 SERIES, SHEET 5 OF THIS DRAWING AND BS 6651, 1985 AND TESTED IN ACCORDANCE WITH BS 7430, 1991.
9. IF ACOUSTIC FENCE PRESENT AT OUTSTATION, THE CABINETS SHOULD BE LOCATED BEHIND THE FENCE AND GATES PROVIDED WITHIN THE FENCE TO PROVIDE ACCESS BETWEEN SIGNAL AND CABINETS AND HARDSHOULDER AND CABINETS.
10. OTHER THAN ON STEPS/RAISED ACCESS PLATFORM HANDRAILS ONLY REQUIRED ON EMBANKMENT OR ADJACENT TO LOCAL HAZARD. HANDRAIL TO BE 1100mm HIGH IN ACCORDANCE WITH BS 6180 & NDX1070-02. FOOTING TO BE EITHER BOLTED OR ROOTED, AS DETERMINED BY LOCAL CONDITIONS.
11. FOR OUTSTATION LOCATION IN A CUTTING A RETAINING WALL SHALL BE PROVIDED BEHIND THE CANTILEVER BASE AND CABINETS, AS APPROPRIATE AND DESIGNED TO SUIT LOCAL CONDITIONS.
12. ANY REVISION TO AN EXISTING SITE LAYOUT UTILISING EXISTING CABINETS SHOULD BE AGREED WITH THE OVERSEEING ORGANISATION.
13. ALL STRUCTURES AND OUTSTATION EQUIPMENT SHOULD BE IDENTIFIED IN ACCORDANCE WITH BD 45/93.
14. REFER TO BD51, TD19, TD27, AND OVERSEEING ORGANISATION FOR SAFETY FENCE/BARRIER ARRANGEMENT, SETBACK AND CLEARANCE.
15. ALL PAVING TO BE AS GENERALLY SHOWN BUT BE ADEQUATE FOR SAFE MAINTENANCE ACCESS.
16. OPTICAL ALIGNMENT AS SHEETS 6 & 7 OF THIS DRAWING UNLESS OTHERWISE DESCRIBED IN CONTRACT DOCUMENTATION.
17. THE STEPS FORMING PART OF THE RAISED ACCESS PLATFORM SHALL BE OFFSET FROM THE CANTILEVER POST LADDER BY A MINIMUM OF 500mm TO ENSURE SAFE STEP DOWN FROM LADDER.

SCOTTISH EXECUTIVE

Traffic Controller Unit,
EDINBURGH, EH6 6QA

NADICS
www.nadics.org.uk

ORIGINAL DRAWING SIZE: 297 x 420
ALL DIMENSIONS ARE IN MM
TOLERANCE ±1 UNLESS OTHERWISE STATED
THIRD ANGLE PROJECTION DO NOT SCALE

C	SEE REVISION SHEET	GC 26/9/06
A	FOR CONSTRUCTION	BD 09/10/03
ISSUE	AMENDMENTS	APPD/DATE
DRN	C.S.G.	CHKD B.D.
DATE	05.01.03	DATE
DRG. NO.	NDX1001-01ga	SHT. NO.
		2 of 7