



New South Wales

Survey Co-ordination Regulation 1998

under the
Survey Co-ordination Act 1949

His Excellency the Lieutenant-Governor, with the advice of the Executive Council, has made the following Regulation under the *Survey Co-ordination Act 1949*.

HARRY WOODS, M.P.

Minister for Regional Development, and
Minister for Rural Affairs

Explanatory note

The object of this Regulation is to repeal and remake, with modifications, the provisions of the *Survey Co-ordination Regulation 1993*. The new Regulation deals with the following matters:

- (a) the registration by public authorities of surveys carried out by them or on their behalf (and particulars of related plans) that are the subject of a notice from the Surveyor-General (clause 5),
- (b) the indexing, maintenance and production of field notes made in respect of such surveys (clause 6).
- (c) the notice to be sent to the Surveyor-General by a public authority of its intention to commence a survey and of its completion of a survey (clauses 7 and 8),
- (d) the prescribed standard datum as to levels and prescribed kinds of permanent marks to be placed in respect of a survey (clauses 9 and 10).
- (e) sketch plans showing the location of permanent marks (clause 11),
- (f) the conventional signs to be used on plans sent to the Surveyor-General (clause 12).

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Explanatory note

- (g) the prescribed standards of measurement and accuracy of surveys carried out by or on behalf of public authorities (clause 13),
- (h) the prescribed form of the central plan register, the classification of plans recorded in the register and the particulars to be noted on plans recorded in the register (clauses 14 and 15),
- (i) notice to the Surveyor-General of alterations to recorded plans (clause 16),
- (j) the standard of accuracy of connections to permanent marks (clause 17),
- (k) the reporting of irregularities in position or the destruction or disrepair of permanent marks (clause 18),
- (l) notice to the Surveyor-General of the intended removal or alteration of permanent marks for building reconstruction or other work (clause 19),
- (m) other consequential or ancillary matters (clauses 1-4 and 20).

The Regulation is made under the *Survey Co-ordination Act 1949*, including section 22 (the general regulation-making power) and various other sections referred to in the Regulation.

The Regulation refers to the publication *Standards and Practices for Control Surveys (SPI)* (prepared by the Inter-Governmental Committee on Surveying and Mapping) in connection with the prescription of standards of measurement and accuracy of surveys and the classification of plans of surveys (clauses 13 and 14).

The Regulation is made in connection with the staged repeal of subordinate legislation under the *Subordinate Legislation Act 1989*.

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1 Name of Regulation

This Regulation is the *Survey Co-ordination Regulation 1998*.

2 Commencement

This Regulation commences on 1 September 1998.

3 Definitions

(1) In this Regulation:

From means a form set out in Schedule 1.

State Control Survey means a comprehensive set of points marked, under the supervision of the Surveyor-General, by monuments of standard form, being points of known horizontal position or height (or both) throughout the State.

the Act means the *Survey Co-ordination Act 1949*.

(2) A reference in this Regulation to the publication *Standards and Practices for Control Surveys (SPI)* is a reference to the document of that name published by the Inter-Governmental Committee on Surveying and Mapping on 22 November 1996 (ICSM Publication No 1).

4 Notes

The explanatory note and table of contents do not form part of this Regulation.

5 Survey register to be kept by proper officer: section 4 (2)

- (1) The proper officer of a public authority must keep a register (called a *survey register*) in which he or she is to enter:
- (a) a list of the surveys carried out by the authority of a type specified in a notice given to the proper officer under section 4 (2) of the Act. and
 - (b) such particulars of the plans made, obtained or held by the authority relating to those surveys as are specified in the notice.
- (2) The proper officer is to add to or amend entries in the survey register from time to time to ensure they are current and accurate.

6 Field notes

- (1) The proper officer of a public authority must take all reasonable steps to ensure that field notes (including electronic field data) made for the purpose of a relevant survey are given reference numbers and are indexed and maintained in good order.
- (2) The Surveyor-General may request the proper officer, by notice in writing, to produce the field notes of any relevant survey.
- (3) A proper officer who receives a notice under this clause must in accordance with the notice produce for examination and inspection by the Surveyor-General all field notes of any relevant survey specified in the notice.
- (4) In this clause, *relevant survey* means a survey carried out by or on behalf of the authority, a plan relating to which is sent to, or is set out on any list of plans sent to, the Surveyor-General or is a recorded plan.

7 Notice of intention to commence survey: section 5

For the purposes of section 5 of the Act, the prescribed form of notice by a public authority of its intention to commence a survey is Form 1.

8 Notice of completion of survey: section 6 (1)

A public authority affected by any requirements of the Surveyor-General under section 6 (1) of the Act in relation to a survey is to notify the Surveyor-General of the completion of the survey in accordance with a form approved for the time being by the Surveyor-General.

9 Standard datum: section 6 (1) (a)

For the purposes of section 6 (1) (a) of the Act, the standard datum as to levels is the Australian Height Datum (AHD), being a system of control points for height based on a network of levelling measurements which covered the whole of Australia and which was fitted to mean sea level, as measured at tide gauges distributed around the Australian coast, over the period 1968—1970.

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10 Prescribed permanent marks: section 6 (1) (b)

- (1) For the purposes of section 6 (1) (b) of the Act, a permanent mark of the prescribed kind is a permanent mark of a kind described in Schedule 2.
- (2) A permanent mark is not of the prescribed kind unless it is designed, constructed and placed as described in the Schedule.

11 Sketch plan showing location of permanent marks: section 6 (1) (c) (ii)

- (1) For the purposes of section 6 (1) (c) (ii) of the Act, a sketch plan showing the position of a permanent mark placed by a public authority is to be made in a form approved for the time being by the Surveyor-General.
- (2) The sketch plan is to show the kind of mark placed and its detailed location relative to surrounding physical features (such as approximate distance from cross streets, buildings, kerbing and guttering, hydrants and electric lamp poles).

12 Conventional signs on plans: sections 6 and 8

- (1) The conventional signs set out in Schedule 3 are to be used to indicate, on plans required by the Act to be sent to the Surveyor-General, the matters to which the signs relate.
- (2) The signs used in the current practice of the Surveyor-General's Department are to be used on such plans to indicate types of boundaries not included in the signs set out in Schedule 3.

13 Standards of measurement and accuracy of surveys: section 6 (3)

- (1) For the purposes of section 6 (3) of the Act, the prescribed standards of measurement and accuracy for a survey carried out by or on behalf of a public authority are:
 - (a) the standards set out in the publication *Standards and Practices for Control Surveys (SPI)* in relation to that kind of survey, or

-
- (b) if the Surveyor-General has indicated to the public authority that the survey will be used for the purposes of the State Control Survey, such of those standards as are nominated by the Surveyor-General in respect of the survey (subject to any variations approved by the Surveyor-General in the particular case).
 - (2) A public authority that carries out a survey, or on behalf of which a survey is carried out, must ensure that the person who carries out the survey complies with the regulations under the *Surveyors Act 1929* regarding the accuracy of measuring equipment.
 - (3) A survey carried out by or on behalf of a public authority using data obtained from one or more global positioning satellites must be carried out in accordance with a procedure approved by the Surveyor-General.

14 Central plan register: section 8 (1)

For the purposes of section 8 (1) of the Act:

- (a) the prescribed form for the central plan register is Form 2, and
- (b) the prescribed particulars are the particulars set out in that Form, and
- (c) the prescribed classifications of plans in the register are classifications that are generally in line with the classes and orders assigned by the publication *Standards and Practices for Control Surveys (SP1)* to the surveys to which the plans relate (subject to any variations approved by the Surveyor-General in any particular case).

15 Particulars noted on plans by Surveyor-General: section 8 (2)

For the purposes of section 8 (2) of the Act. the prescribed particulars to be marked or stamped on each plan are:

- (a) the words "Survey Co-ordination Act 1949 New South Wales", and
- (b) the plan's recorded plan number in the central plan register, and
- (c) the plan's classification, and
- (d) the date that the plan was recorded in the register, and

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- (e) the initials of the person by whom the plan was marked or stamped.

16 Notification of alterations to recorded plans: section 8 (5)

For the purposes of section 8 (5) of the Act:

- (a) the notification of any alterations to a recorded plan is to be made in accordance with the form approved for the time being by the Surveyor-General, and
- (b) any plan showing those alterations and sent to the Surveyor-General must be drawn to the same scale as the original recorded plan, or to a larger scale if the details of the alterations would otherwise be too small.

17 Connections to permanent marks: section 11 (3)

For the purposes of section 11(3) of the Act, all connections to permanent marks must conform to the same standard of accuracy as the survey being connected. unless the Surveyor-General otherwise directs.

18 Report of irregularities in position or destruction of permanent marks: section 16

For the purposes of section 16 of the Act. a report by a surveyor, or a notification by the proper officer of a public authority, concerning an irregularity in the position, or the destruction, removal or condition of disrepair, of a permanent mark must include:

- (a) the number of the mark, and
- (b) the location of the mark, and
- (c) if known. the name of the person responsible for the interference with. or destruction of, the mark and the date when the interference or destruction occurred.

19 Removal or alteration of permanent marks for building reconstruction or other work: section 20

- (1) In order to avoid the commission of an offence under section 20 (1) of the Act:
 - (a) a person intending to remove or alter a permanent mark must give written notice to the Surveyor-General of the intention not less than 14 days prior to the intended removal or alteration, and

- (b) the person must take all necessary steps to ensure that any reasonable directions given by the Surveyor-General for the preservation of the position of the permanent mark, its replacement, its re-establishment or the alteration of its number. are complied with.
- (2) The costs incurred by a person in complying with directions given under this clause are to be met by the Surveyor-General, or the public authority responsible for the maintenance of the permanent mark, under section 14 (4) of the Act.

20 Repeal

- (1) The *Survey Co-ordination Regulation 1993* is repealed.
- (2) Any act, matter or thing that, immediately before the repeal of the *Survey Co-ordination Regulation 1993*, had effect under that Regulation continues to have effect under this Regulation.

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Schedule 1 Forms

Schedule 1 Forms

Form 1

(Clause 7)

NOTICE OF INTENTION TO SURVEY

Survey Co-ordination Act 1949

(Section 5)

Public authority

.....
(include postal address, FAX and telephone nos)

Proper officer

The above authority intends to carry out the survey described below:

Locality:

Topographical map ref: (or CMA map area)

City/town/village/suburb

Local government area

Location #

(Indicate extent of survey and attach diagram)

Type of survey:

- Horizontal control [] Vertical control [] Cadastral
- [] Other (please describe type)

Co-ord. system:

- * [] ISG [] AMG [] MGA [] Other

Height datum:

- [] AHD [] Standard [] Other

Marking:

- * [] Prescribed [] Substantial [] Temporary

Estimated date of commencement:

Survey to be carried out by:

• *(Tick appropriate box)*

Form 2
CENTRAL PLAN REGISTER
Survey Co-ordination Act 1949

(Clause 14)

(Section 8)

Recorded Plan Number	Public Authority	Public Authority Plan or File Number	Type of Survey	Classification of Plan/Survey	Plan Medium	Date of Completion of Survey	Locality Suburb, Town, Village	Visual Index Map	Survey Services Reference Number	Date of Registration	Remarks	

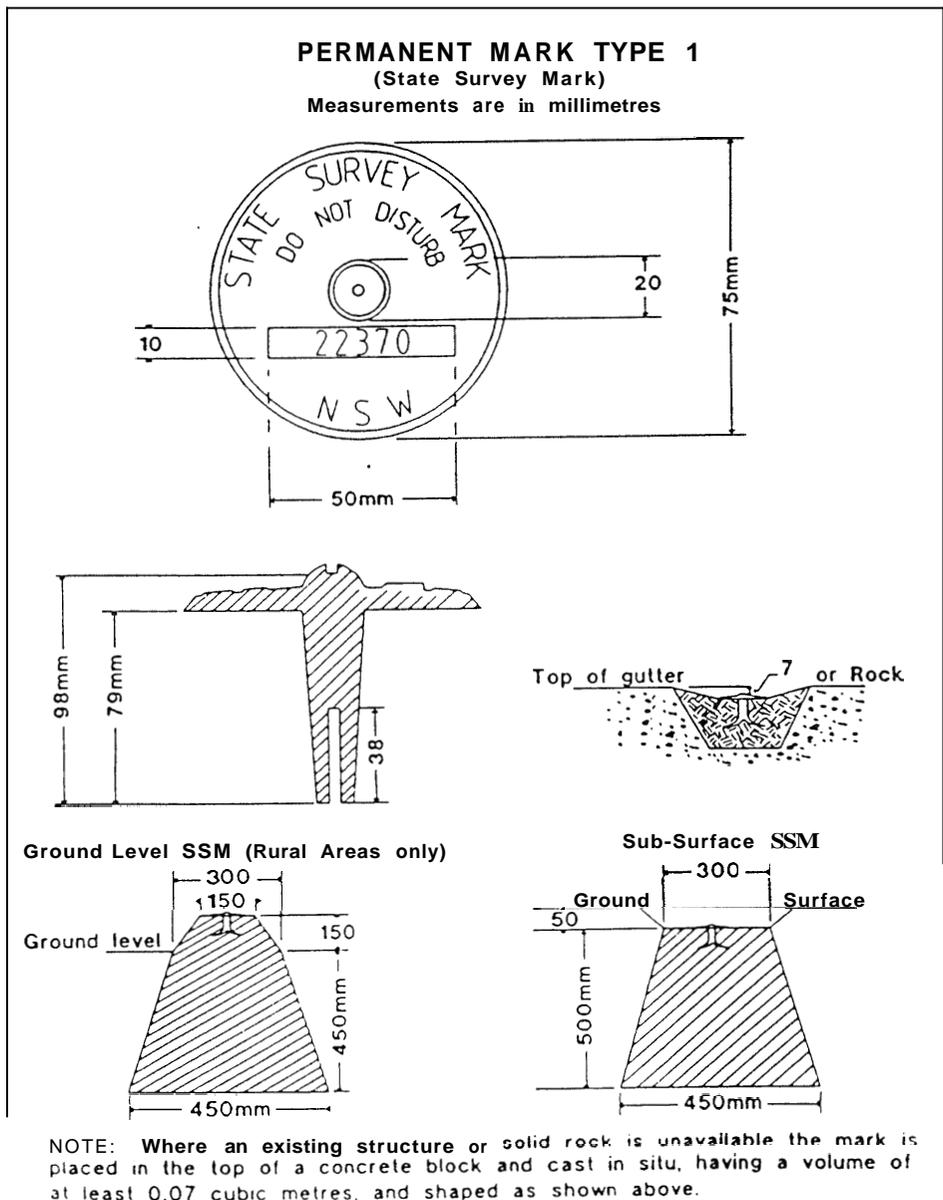
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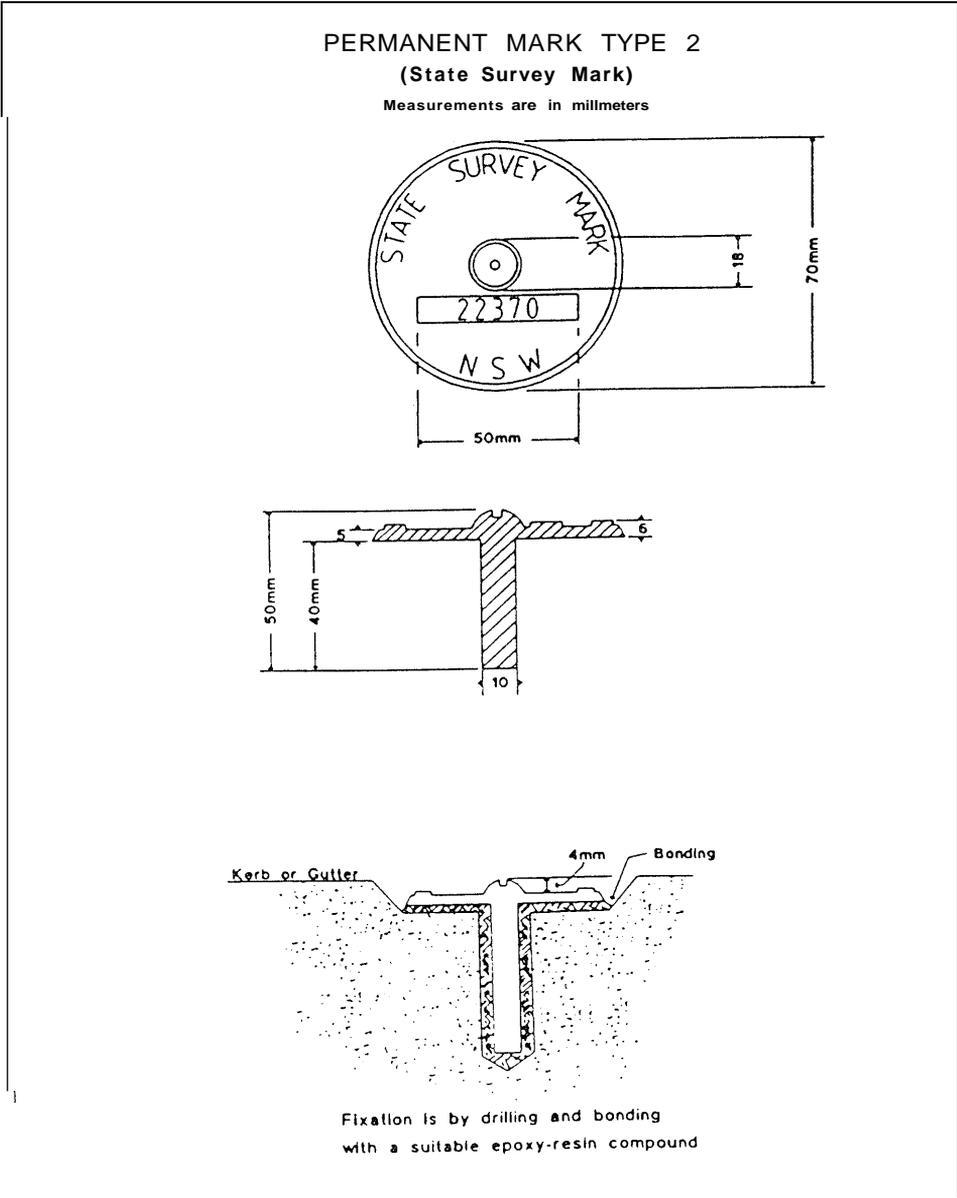
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Schedule 2 Permanent marks

Schedule 2 Permanent marks

(Clause 10)





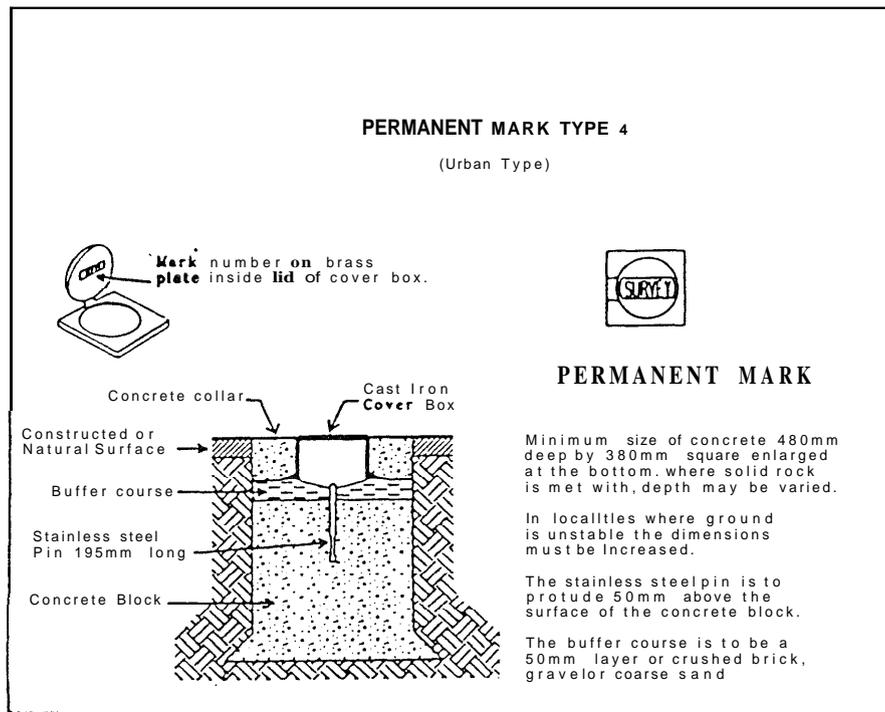
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Schedule 2 Permanent marks

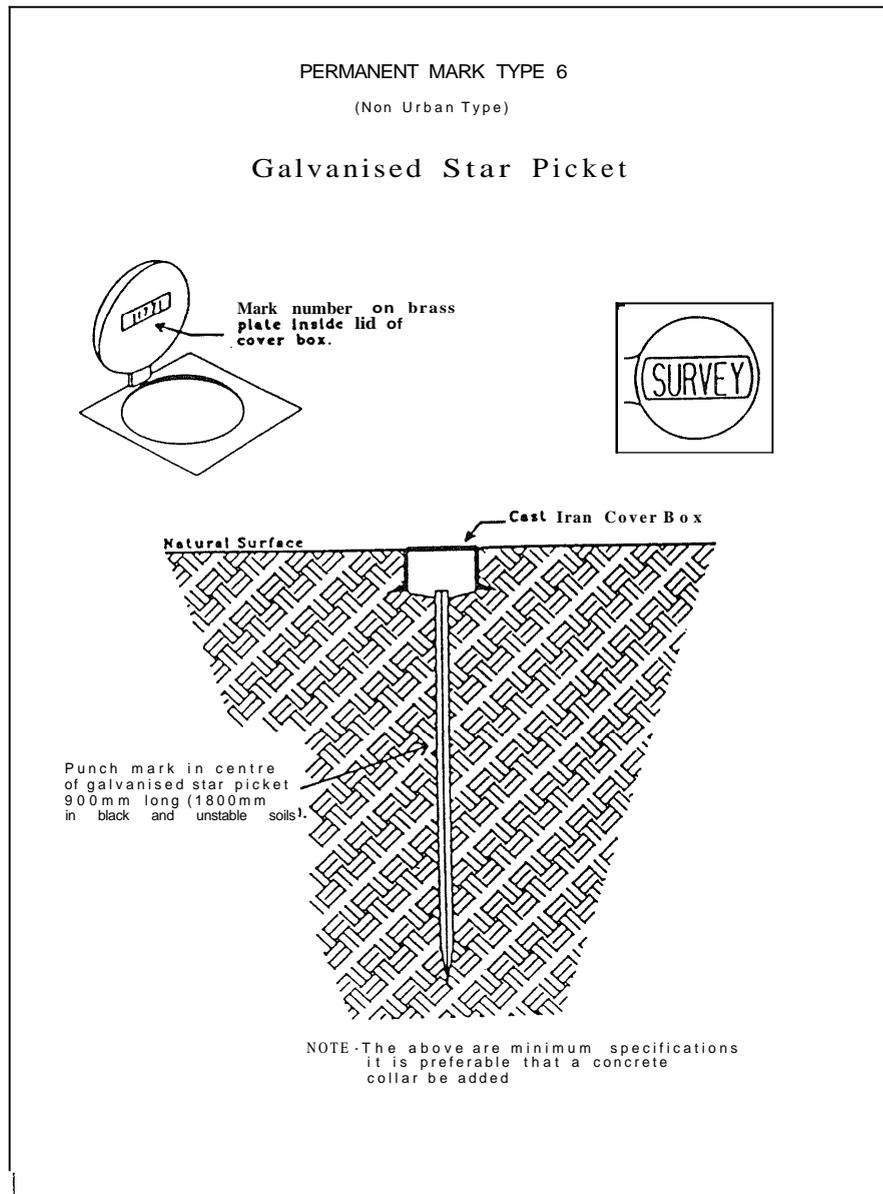
PERMANENT MARK TYPE 3

Note: Permanent Mark Type 3 is no longer prescribed.



PERMANENT MARK TYPE 5

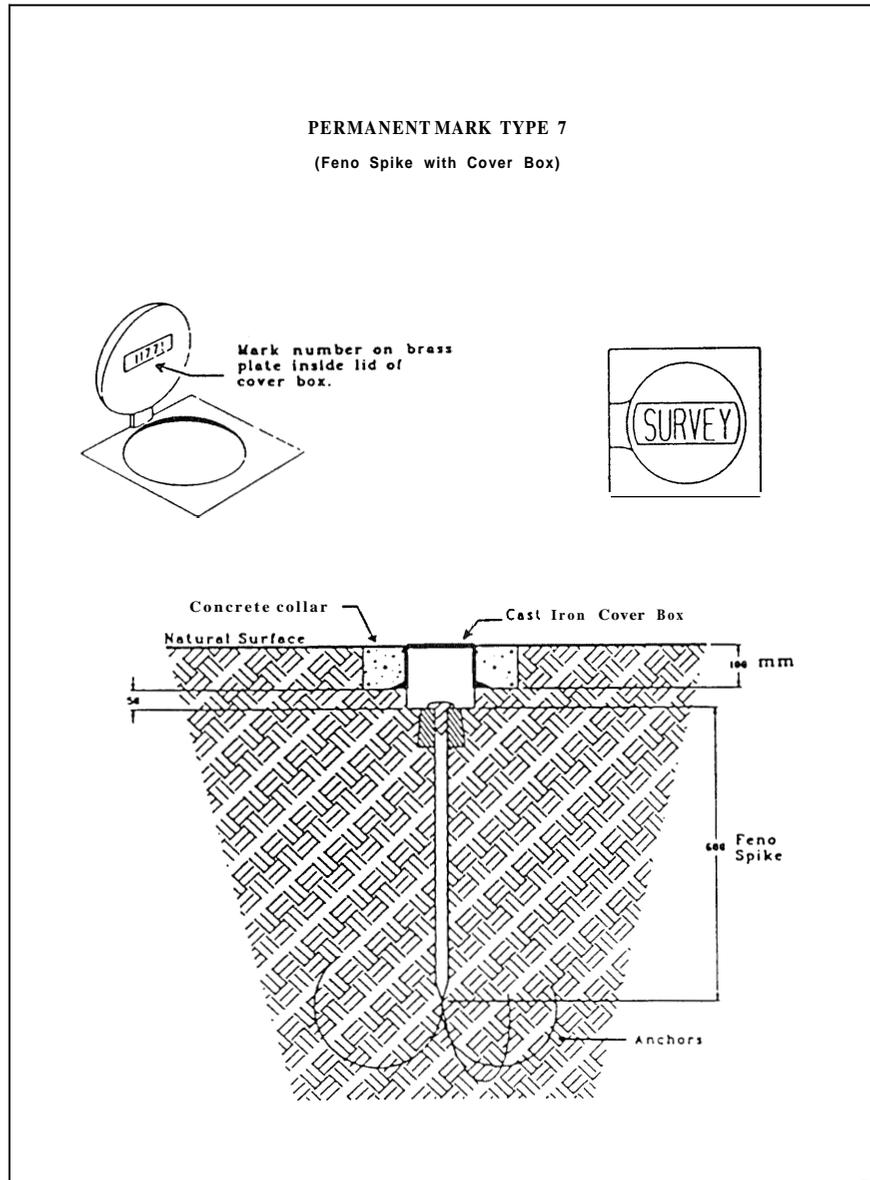
Note: Permanent Mark Type 5 is no longer prescribed.

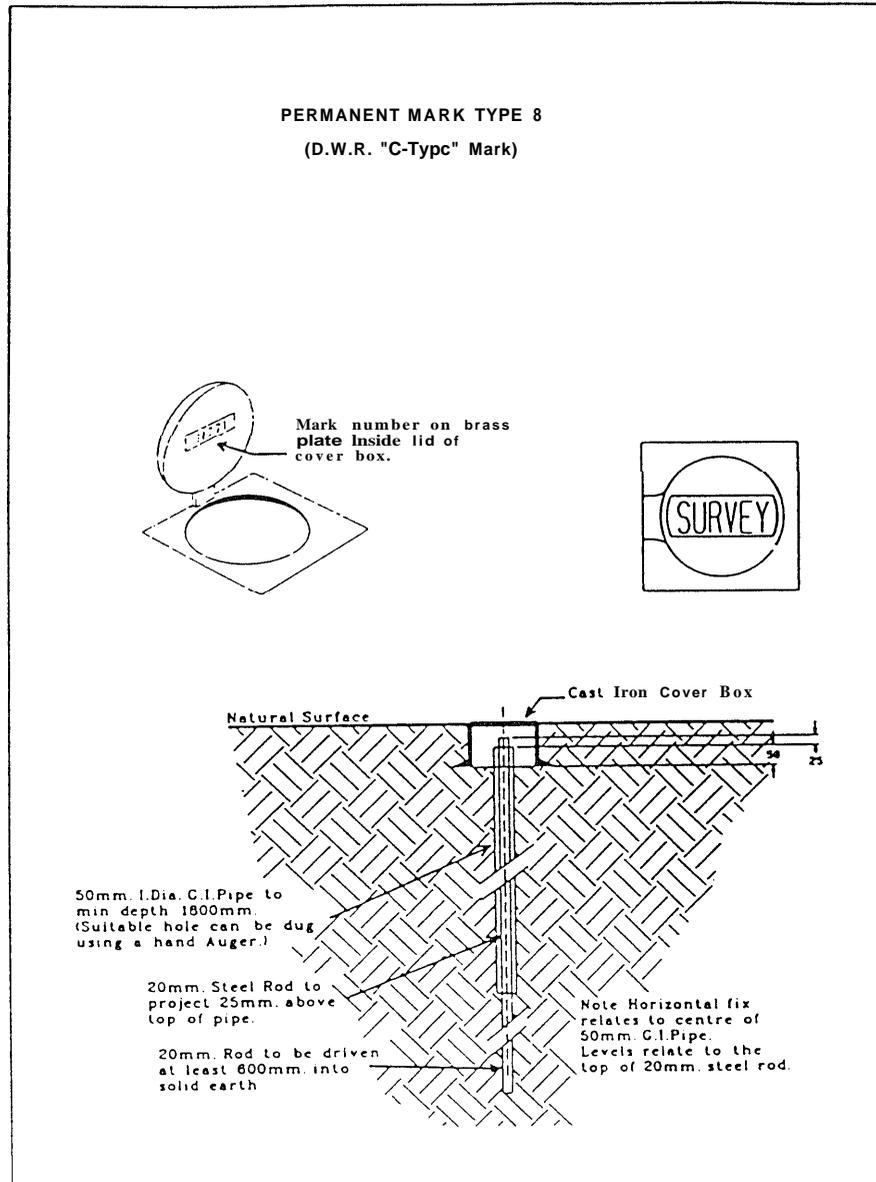


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Schedule 2 Permanent marks

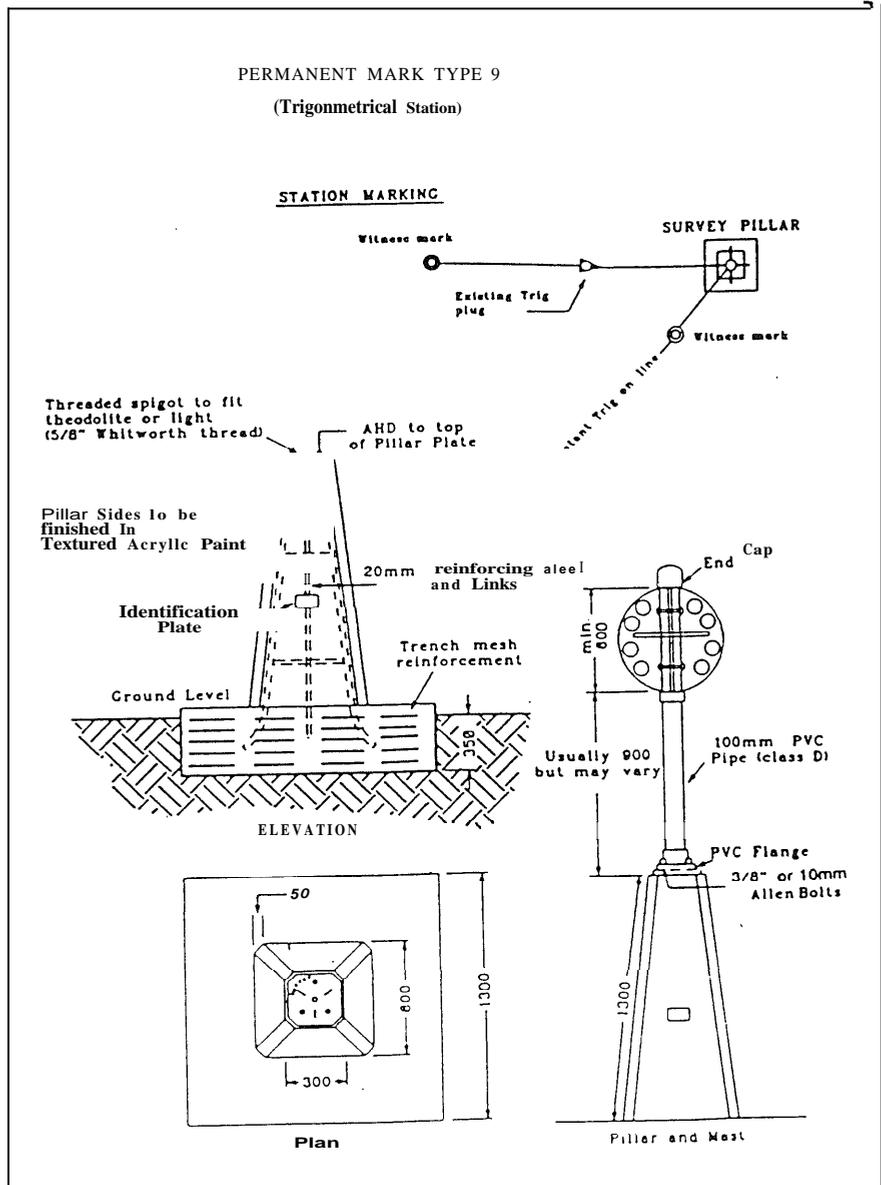


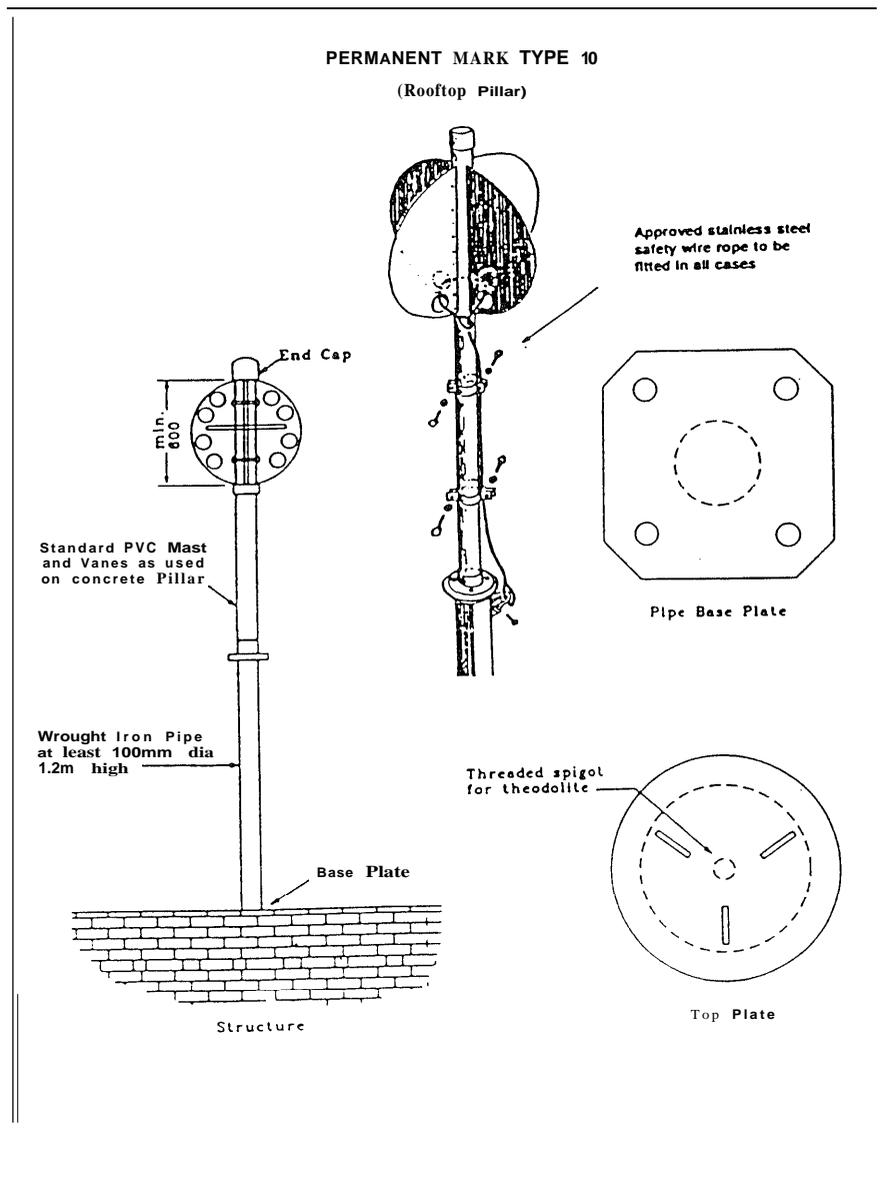


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Schedule 2 Permanent marks





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Schedule 3 Conventional signs

Schedule 3 Conventional signs

(Clause 12)

CONVENTIONAL SIGNS TO BE USED ON PLANS

(Boundaries)

Cadastral

County	— x — x —
Parish	— . — . —
City, town or village	— n — n —
Town or Village under Local Government Act	— r — r —
Suburban	— a — a —
Private subdivision	— " — " —

Administrative

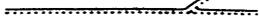
State	— — —
Territorial Division	— — —
Land District	— - — - —
Shire	— s — s —
Shire/Riding	— - — - —
Municipality (or City under Local Government Act)	— m — m —
Municipality Ward	— w — w —
Urban Area	— u — u —
Pastures Protection District	— o — o —
Proclaimed Survey Area	— s — s —

Note: Where boundaries are concurrent they should be combined as in the following example:
County, Parish, Land District, Town and Proclaimed Survey Area Boundaries.



CULTURAL FEATURES

Roads etc

Public road	
Survey reserved road	
Track	
Railway on large scale map	
on small scale map	
Fence when on a boundary	
when not on a boundary	

Mapping control stations

Trigonometrical station, major (first and second order)	 LETT 186.5
Trigonometrical station, minor (third and lower orders resection points)	 25
Astronomical station	 HAY
Permanent Mark or State Survey Mark (Survey Co-ordination Act)	 PM 612 or SSM 1753
Magnetic observing station	 1895 var 9°15'

(Name or reference numbers of stations should be shown. Altitudes, Declinations, may also be indicated where available)