

[2075]



VICTORIA

GOVERNMENT GAZETTE.

Published by Authority.

[Registered at the General Post Office, Melbourne, for transmission by post as a newspaper.]

No. 101]

MONDAY, AUGUST 6.

[1945

SURVEY CO-ORDINATION ACT
1940.

SURVEY CO-ORDINATION ACT 1940.

*At the Executive Council Chamber, Melbourne, the
thirty-first day of July, 1945.*

PRESENT :

His Excellency the Governor of Victoria.

Mr. Hyland

Mr. Chandler.

Mr. Tuckett

SURVEY CO-ORDINATION REGULATIONS.

IN pursuance of the powers conferred by the *Survey Co-ordination Act* 1940 (hereinafter referred to as the Act) His Excellency the Governor of Victoria by and with the advice of the Executive Council thereof doth hereby make the following Regulations (that is to say):—

1. *Citation.*

These Regulations may be cited as the Survey Co-ordination Regulations.

2. *Notice of Intention to Commence Survey.*

Every notice of intention to commence survey (or in special circumstances that survey has been commenced) shall be in the form contained in Schedule A hereto.

Note.—Survey includes any compiled plan made or obtained from survey information in the field and any mosaic or other plan made or obtained from aerial photographs.

3. *Classification of Surveys.*

(1) Every survey made after the first day of July, 1945, shall be classified in accordance with the appropriate table as set out under the heading "Classification Tables", in sub-clause (2); but notwithstanding that in any survey of a closed traverse or length of levels the limit of error per individual line and angle or section of levels may conform to a specific classification, such specific classification shall not be allotted to the said survey unless the total linear and angular misclose or error in levels as determined from the appropriate formula given in sub-clause (3) is within the limit of error of the said specific classification; and where the classification as determined from the formula differs from the said specific classification, the classification allotted to the survey shall be the lower of the two.

(2) Classification Tables—

Type of Survey.	Limit of Error.	Classification.
Geodetic ..	Where on the average the sum of the three measured angles of a triangle does not vary from 180° plus the spherical excess of the triangle by more than one second	1st Order
	Where on the average the sum of the three measured angles of a triangle does not vary from 180° plus the spherical excess of the triangle by more than three seconds	2nd Order
	Where on the average the sum of the three measured angles of a triangle does not vary from 180° plus the spherical excess of the triangle by more than six seconds	3rd Order
Planimetric ..	Where the error in linear measurement per individual line does not exceed—	
	1 in 25,000	A
	1 in 10,000	B
	1 in 8,000	C
	1 in 6,000	D
	1 in 4,000	E
	1 in 2,000	F
	1 in 1,000	G
	1 in 500	H
	And lesser accuracy	K
	Where the error per individual angle does not exceed—	
	00° 00' 02"	1
	00° 00' 05"	2
	00° 00' 20"	3
	And lesser accuracy	4

Type of Survey.	Limit of Error.	Classification.
Altimetric ..	Where the error of a check section of levels does not exceed—	
	0·017 feet per mile	01
	0·035 " " "	02
	0·05 " " "	03
	Any other spirit or tacheometric levelling ..	04
	Barometric and clinometric levelling ..	05

(3) Formulae—

(a) In a survey of any closed traverse—

- (i) the linear misclose $(\sqrt{a^2 + b^2})$ shall not exceed $v \sqrt{d^3}$
 where a is the difference between the north and south latitudes;
 b is the difference between the east and west departures;
 v is the error in linear measurement per mile as deduced from the classification tables;
 d is the length of the traverse in miles;
- (ii) the angular misclose shall not exceed $w \sqrt{n}$
 where w is the error per individual angle according to the classification tables;
 n is the total number of angles in the traverse.

- (b) In any check section of levels, the error shall not exceed $e \sqrt{m^3}$
 where e is the error in feet per mile according to the classification tables;
 m is the length of the section in miles.

(4) Every surveyor shall, in respect of any survey made by him, certify on the face of the plan (and copy of field notes, if any) of survey as to the classification determined in accordance with the preceding sub-clauses as A, A.1, 1, 2, B.2, C.3.02, &c., as the case may be.

(5) Topographical maps shall be endorsed "Standard", "Emergency" or otherwise as required by the Surveyor-General after due inquiry.

(6) Compilations and plans of survey to which the preceding sub-clauses do not apply shall be endorsed "Unclassified".

4. *Standard Permanent Marks.*

(1) The following shall be the Standard Permanent Mark which shall be established under the Act.

The standard metal tablet as shown in the diagram set out in Schedule "B" hereto, made of non-corrosive material and firmly set vertically in a precast concrete block or in concrete poured into a roughly cut hole and tamped. The upper surface of the concrete block shall have an area of not less than twenty-five square inches and the lower not less than one square foot. Unless on a solid base the concrete block shall be two feet in depth or of such greater depth as is necessary to obtain a sound foundation.

The concrete shall be of good standard quality and the whole shall be constructed and placed in a workmanlike manner.

(2) Every Standard Permanent Mark established under the Act shall be so constructed and placed as to be capable of serving the purposes of both theodolite reference mark and bench mark.

(3) The Standard Permanent Mark shall be so placed that it shall be as safe as possible from accidental damage and shall not constitute a hazard to traffic and, in rural areas, may protrude from two to four inches above ground surface in which case the upper four inches shall be shaped and smoothed off.

(4) In all longitudinal sections or traverses of one mile or more in length where an exemption from the provisions of Section 5 of the Act is in force, the proper officer shall ensure that over the length of the survey new Standard Permanent Marks are established with due regard to existing permanent marks, and so that no two adjacent permanent marks shall be more than one mile apart.

(5) Unless otherwise directed by the Surveyor-General, every Public Authority when constructing or re-constructing a road or footpath shall cause to be established (not necessarily by a licensed surveyor) one Standard Permanent Mark at each street intersection.

(6) In surveys other than those carried out for a Department or Public Authority any licensed surveyor may, subject to the provisions of Section 15 (2) of the Act, and these Regulations, establish any Standard Permanent Mark which he considers necessary or expedient for the purpose of the Act.

(7) No Standard Permanent Mark established or permanent mark adopted under the Act shall be removed for any purpose whatsoever except under the direct supervision of a licensed surveyor. Before any such permanent mark is removed the licensed surveyor shall so relate it both horizontally and vertically to adjacent monuments and marks that it could be replaced or the position occupied determined in relation to any new Standard Permanent Mark to be established.

If such permanent mark is removed immediately to a new position or a new Standard Permanent Mark is established immediately, the licensed surveyor shall furnish to the Surveyor-General a report, field notes and a sketch plan giving particulars of the relationship of the old to the new position or to the new Standard Permanent Mark. If such permanent mark is removed but not placed immediately in a new position or a new Standard Permanent Mark established immediately, the licensed surveyor shall furnish forthwith to the Surveyor-General a report and field notes showing its position in relation to adjacent monuments and marks immediately before its removal.

(8) No permanent mark established by the Melbourne and Metropolitan Board of Works shall be removed or altered except under the direct supervision of a licensed surveyor authorized by the Melbourne and Metropolitan Board of Works.

(9) Any connexion to a permanent mark shall conform to the standard required by the classification of the survey being connected.

5. *Standard Permanent Mark Sketch Plan.*

(1) The proper officer of the appropriate Department or Public Authority shall ensure that a separate sketch plan of each Standard Permanent Mark established under the Act is prepared and forwarded to the Surveyor-General as soon as possible after its establishment.

(2) Such sketch plan shall be prepared on the form contained in Schedule "C" hereto and with inks capable of photographic reproduction and shall show the type, description, and location of the Standard Permanent Mark with as many measurements and/or bearings as practicable to existing buildings, fence posts, poles, or other monuments.

(3) In any such sketch plan, building alignments or property boundaries, unless accurately determined by a licensed surveyor at the time of establishing the Standard Permanent Mark and as part of a survey in accordance with the provisions of the *Land Surveyors Act 1942*, shall be shown by broken lines, thus -----

(4) Where connexions are made by a licensed surveyor to any property boundaries verified in the survey, such boundaries shall be shown in the sketch plan by full lines, thus _____

(5) When a surveyor has observed a bearing from any Standard Permanent Mark being established to an existing permanent mark, such bearing shall be shown on the sketch plan.

(6) Every Standard Permanent Mark sketch plan shall be signed by the licensed surveyor or person who made the necessary connecting measurements and observations.

6. *Standard Permanent Mark Box Cover.*

(1) The Standard Permanent Mark in city, urban, and suburban areas shall be protected when placed—

- (a) in a roadway, by a heavy iron box-cover capable of carrying heavy wheel and hoof traffic;
- (b) in a footpath, by a light iron box-cover capable of carrying light traffic;
- (c) in a nature strip, by either a heavy or light iron box-cover as the case requires.

(2) In each and every case where a box-cover is necessary, the type of box-cover used shall be subject to the approval of the Surveyor-General, after consultation with the Engineer of the municipality within the boundaries of which the Standard Permanent Mark is established.

(3) The box-cover shall not rest upon nor touch the concrete holding the standard metal tablet and shall be so placed that the centre of the opening is vertically above the centre mark of the tablet. The top of the tablet shall be below the framework of the box-cover and, where set in a road or footpath, below the surface or paving. The size of the opening in the box-cover in relation to the depth below it of the Standard Permanent Mark tablet shall be such that when a plumbob is suspended over and close to the centre point, both centre point and the point of the plumbob may be readily observed.

(4) Every Public Authority when repairing or resurfacing a road or footpath shall ensure, by raising the box or otherwise, that the surface of the box-cover of any Standard Permanent Mark is not obscured.

7. *Types of Wooden Pegs to Mark Surveys.*

In order to avoid the confusion caused by using wooden pegs of square cross-section indiscriminately to mark level, engineering or title surveys and as regulations under the Land Surveyors Act prescribe the use of such pegs for marking title surveys, pegs of square cross-section shall be used for such purpose exclusively and wooden pegs of oblong cross-section (the top dimensions being such that one side is not less than one and one-half times the other) shall be used to mark level and engineering surveys.

8. *Standard Tape.*

(1) The Surveyor-General may require any Department or Public Authority to maintain a Standard Tape at any district office which is the usual headquarters of a surveyor in its employ.

(2) Every licensed surveyor not employed by a Department or Public Authority shall maintain a Standard Tape of a type and in a condition approved by the Surveyor-General.

(3) Every Standard Tape so maintained shall be submitted to the Surveyor-General for examination at least once annually and at such other times as the Surveyor-General may require.

(4) The Surveyor-General shall cause the Standard Tape so submitted to be examined and checked and shall notify the proper officer of any necessary allowance in length to be made in comparing the Standard Tape with field tapes.

(5) No Standard Tape so maintained shall be used for any purpose other than comparison by a licensed surveyor with other standards or field tapes.

(6) Every field tape in use by a licensed surveyor for purposes of survey under the Act or under the *Land Surveyors Act 1942* shall be compared with a Standard Tape at least once monthly and immediately after the repair of any break or the straightening of any bend or kink in the field tape.

(7) In every survey of classification A, B, C, D, or E under these Regulations or required to be carried out to the degree of accuracy specified in any of the foregoing classifications, due allowance shall be made for any error in the field tape as found by a licensed surveyor by comparison with the Standard Tape and in the Standard Tape as last notified by the Surveyor-General. The amounts per chain of measurement of such allowances shall be stated in writing in the field book and on the face of any certified copy of field notes.

9. *Standard of Accuracy for Surveys.*

Standards of accuracy are hereby prescribed for the following surveys :—

(1) <i>Planimetric Surveys—</i>	Standard Prescribed.
First order traverse	Classification A.1
Reticulation Surveys—	
(a) Main traverse—Sewerage surveys in communities of more than 15,000 population	Classification B.2
(b) Main traverse—rural sewerage surveys (under 15,000 population) flat or gently undulating country	Classification C.2
(c) Main traverse—rural sewerage surveys (under 15,000 population) country other than flat or gently undulating	Classification D.3

(2) *Altimetric Surveys*—

First order precise levelling in any type of country Classification 01

(3) *Reticulation Surveys*—

(a) Drainage, sewerage and water supply channel surveys in flat or gently undulating country Classification 02

(b) Drainage, sewerage and water supply channel surveys in country other than flat or gently undulating Classification 03

(4) Where contour lines are shown on a plan the error shall not exceed half the contour interval shown

10. *Zoning of Azimuth.*

(1) For purposes of correlation of bearings and to facilitate co-ordinated mapping, the existing zones numbered 6, 7 and 8 into which the State has been divided for the purposes of the Military and Department of Lands and Survey Map Series, shall be adopted, subject to modifications to provide for certain parishes which are divided by a zone boundary. Each parish shall be considered as lying wholly within the respective zone indicated in Schedule "D" hereto.

(2) Unless otherwise directed by the Surveyor-General the bearings of any survey of greater area than 100 acres and of any traverse of one mile or more in length, the standard of accuracy for which lies within classifications 1, 2 or 3 shall by astronomical observation and due allowance for convergence or by connection to approved trigonometrical stations or Standard Permanent Marks, be brought to the datum of the standard meridian of the Zone in which such survey or traverse lies.

(3) Notwithstanding anything in the foregoing the Surveyor-General, with the concurrence of the proper officer of the Department or Public Authority concerned, may require that the bearings of any survey proposed to be carried out be brought to the datum of the standard meridian of the Zone in which it lies.

(4) The plan of any survey the bearings of which have been zoned in accordance with the foregoing shall indicate the standard meridian to which such bearings are referred. When a survey lies within two Zones the bearings may, unless otherwise directed by the Surveyor-General, be referred to the datum of the Zone in which the survey originates.

11. *Standard Sizes of Plans.*

The proper officer of each Department and Public Authority shall ensure that as far as practicable every plan which is prepared as part of a survey after the coming into operation of these Regulations and a copy of which is required to be lodged at the Central Plan Office shall conform to the most economical of the following sizes:—

- A. 54" x 38"
- B. 38" x 27"
- C. 27" x 19"
- D. 19" x 13½"
- E. 13½" x 9½"
- P. 13½" x 8½" (The size of ordinary foolscap).
- L. 33" x 25" (The size of one mile to the inch military topographical and Department of Lands and Survey Map series).

Where the use of one of these Standard Sizes is not practicable, one dimension shall conform to a Standard dimension (excluding sizes "P" and "L") and the other to an integral multiple of the corresponding standard dimension. (The use of Standard size "A" (54" x 38") except for wall maps is undesirable).

12. *Original Field Books.*

(1) Field notes and field books forming part of any survey made or obtained after the coming into operation of the Act shall be retained in good order and condition by the Department or Public Authority making the survey.

(2) The Surveyor-General may require the production of the original field notes, field books, and any other information used in the preparation of any plan made or obtained as part of a survey carried out after the coming into operation of the Act.

13. *Conventional Signs.*

The conventional signs to be used on plans required to be prepared and forwarded to the Surveyor-General under the Act shall, unless a legend or reference is shown in the margin of the plan or boundaries and features are described on the face of the plan, be as set out in Schedule "E" hereto.

14. *Prescribed Particulars to be shown on Registered Plans.*

(1) Every registered plan shall bear prominently on the face thereof the words *Survey Co-ordination Act 1940* together with its registered number and classification as determined in accordance with clause 3.

(2) Where any Registered Plan is retained in the possession of a Department or Public Authority, whether or not a copy is lodged at the Central Plan Office, the proper officer of the Department or Public Authority shall cause to be marked or stamped on the face of such Registered Plan such particulars of its classification and registration as are furnished to him by the Surveyor-General, and all such particulars shall be endorsed by the proper officer.

15. *Form of Central Plan Register.*

The Central Plan Register shall be of such form as to include as many as possible of the following particulars of Registered Plans :—

1. Registered Plan Number.
2. Type of Survey (See Schedule "F" hereto).
3. Classification of Survey (See Clause 3).
4. Scale of Plan.
5. Surveyor's name.
6. Date of completion of survey.
7. Name of Department or Public Authority.
8. Departmental record number.
9. Location—Map square or subdivision.
10. Location—Town, Township or City.
11. Location—Parish, Section and Allotment.
12. Location—Street.
13. Relevant remarks.

16. *Particulars of Plans Required to be Shown on Lists.*

The particulars of Plans to be set down upon lists forwarded to the Surveyor-General under the Act shall include as many as possible of the following :—

1. Departmental Record Number.
2. Type of Survey (See Schedule "F" hereto).
3. Classification of Survey (See Clause 3).
4. Scale of Plan.
5. Surveyor's name.
6. Date of completion of survey.
7. Material upon which plan is prepared.
8. Location—Map square or subdivision.
9. Location—Town, Township or City.
10. Location—Parish, Section and Allotment.
11. Location—Street.
12. Relevant remarks.

17. *Particulars of Surveys to be Shown on Lists Forwarded to the Surveyor-General.*

The particulars of surveys to be set down upon lists forwarded to the Surveyor-General under the Act shall include as many as possible of the following :—

1. Type of survey.
2. Probable classification of survey.
3. Surveyor's name.
4. Location—Town, Township or City.
5. Location—Parish, Section and Allotment.
6. Location—Street.
7. Extent of survey.
8. Date of completion.
9. Relevant remarks.

SCHEDULE "A."

Survey Co-ordination Act 1940 (Section 5).

NOTICE OF INTENTION TO COMMENCE SURVEY*

or, where the urgency of the survey does not allow of due notice

NOTICE THAT SURVEY HAS BEEN COMMENCED*

A survey will be* commenced on (approximate date)
was*

Location.			C.P.O. No.
Zone.	Square.	Sub-division.	
(Office use only.)			
		Parish	(Office use only.)
		Township	
		Allotment	Section
Locality		Street	
DESCRIPTION OF SURVEY.			

Type
Probable Classification
Probable Extent
Other Particulars
Department or Authority
Reference No. of Department or Authority

Signature Proper Officer

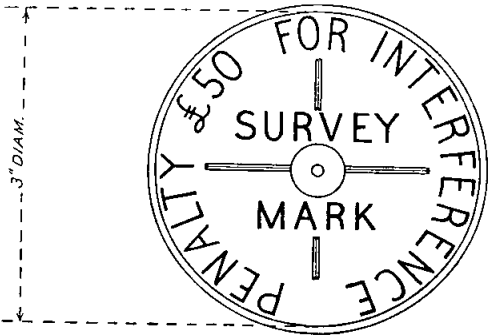
19

A certificate of the Proper Officer setting out reasons for late notice must accompany each "Notice that survey has been commenced".

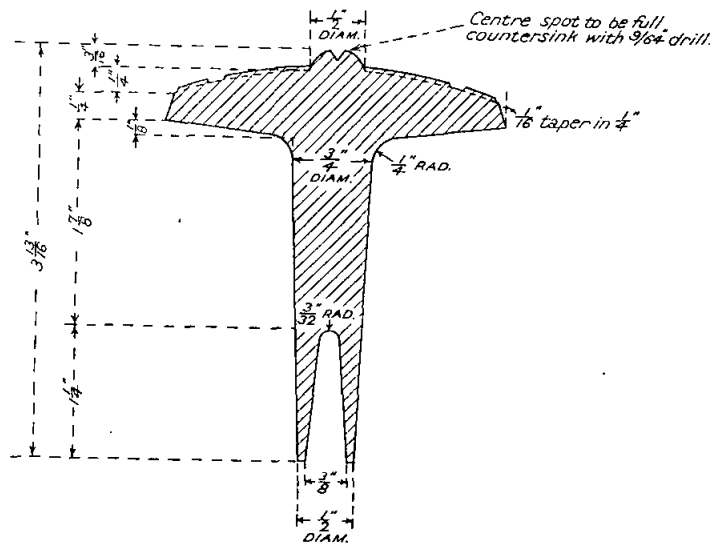
* STRIKE OUT WHICHEVER NOT APPLICABLE.

SCHEDULE "B."

Survey Co-ordination Act, 1940.



SCHEDULE "B"—continued.



SCHEDULE "C."

Sec. 6 (1) (c) Survey Co-ordination Act 1940.

PERMANENT MARK SKETCH PLAN.

Township—

Parish—

(Not necessarily to Scale.)

Note—(1) Measurements to be shown from the Permanent Mark to as many near-by survey marks, buildings, fence posts, hydrants, trees, &c., as practicable. Up to six such measurements are desirable.

(2) Except where verified by a Licensed Surveyor in this survey, all boundaries in this sketch plan are to be shown by broken lines. The symbols for fences, buildings, &c., to be shown on the broken lines.

(3) Description of Permanent Mark and, where possible, Crown Abutments are to be shown.

Measurements are in—

Established in connection with*

Ref. No.

* Type of Survey or Works.

If Levelled—

Reduced level of Mark

to Datum†

† e.g., Railways, Board of Works, Sewerage Authority, &c., or Arbitrary.

I certify that the Permanent Marks shown in this sketch have been established on the ground by me in accordance with the Regulations under the *Survey Co-ordination Act 1940* and that the information shown hereon is correct.

Department or Authority

Signature

†

Date

† If a Licensed Surveyor the letters L.S. to be added.

TO BE FILLED IN BY THE CENTRAL PLAN OFFICE

Zone.	Square.	Subdivision.	State Datum R.L.	Number.
			R.L.	
			Copied from	

Noted on Record Plan

SCHEDULE "D."

Zones in which parishes lie.						Zone.
All parishes in the County of:—						
Anglesey	7
Benambra	7
Bendigo	7
Bogong	7
Borong	6
Bourke	7
Buln Buln	7
Croajingolong (excepting the parishes listed hereunder which are in Zone 7)	8
Parish of Bullamalk	7
" Deddick .. .. .	..	..	..	..	..
" Jingallala .. .. .	..	..	..	..	..
" Loongelaat .. .. .	..	..	..	..	..
" Moonkan .. .. .	..	..	..	..	..
" Orbost .. .. .	..	..	..	..	..
" Pinnak .. .. .	..	..	..	..	..
" Wyangil	7
" Yalmy .. .. .	..	..	..	..	..
Dalhousie	7
Dargo	7
Delatite	7
Dundas	6
Evelyn	7
Follett	6
Gladstone (excepting the parishes listed hereunder which are in Zone 6)	7
Parish of Amphitheatre	6
" Avoca .. .. .	..	..	..	..	..
" Berrimal .. .. .	..	..	..	..	..
" Charlton East .. .. .	..	..	..	..	..
" Coonoor East .. .. .	..	..	..	..	..
" Glenlogie .. .. .	..	..	..	..	..
" Glenloth .. .. .	..	..	..	..	..
" Gower .. .. .	..	..	..	..	..
" Jeruk .. .. .	..	..	..	..	..
" Kooreh .. .. .	..	..	..	..	..
" Kooroc .. .. .	..	..	..	..	..
" Narrewillock	7
" Yalong .. .. .	..	..	..	..	..
" Yalong South .. .. .	..	..	..	..	..
" Yeungroon .. .. .	..	..	..	..	..
Grant	7
Grenville (excepting the parishes listed hereunder which are in Zone 6)	7
Parish of Galla	6
" Lillirie .. .. .	..	..	..	..	..
" Naringhil North	7
Gunbower	6
Hampden	6
Heytesbury	6
Kara Kara	6
Karkaroc	6
Lowan	6
Millewa	6
Moir	7
Mornington	7
Normanby	6
Polwarth (excepting the parishes listed hereunder which are in Zone 6)	7
Parish of Aire	6
" Barwongemoong .. .. .	..	..	..	..	..
" Irrewillipe .. .. .	..	..	..	..	..
" La Trobe .. .. .	..	..	..	..	..
" Moomowroong .. .. .	..	..	..	..	..
" Natte Murrang .. .. .	..	..	..	..	..
" Newlingrook .. .. .	..	..	..	..	..
" Pirron Yaloak .. .. .	..	..	..	..	..
" Wangerrip	6
Ripon (excepting the parishes listed hereunder which are in Zone 7)	..	..	..	..	..
Parish of Ascot	7
" Ballaarat .. .. .	..	..	..	..	..
" Brewster .. .. .	..	..	..	..	..
" Burrumbeet .. .. .	..	..	..	..	..
" Chepstowe .. .. .	..	..	..	..	..
" Dowling Forest .. .. .	..	..	..	..	..
" Ereildown .. .. .	..	..	..	..	..
" Glendaruel	7
" Lexton .. .. .	..	..	..	..	..
" Livingstone .. .. .	..	..	..	..	..
Rodney	7
Talbot	7
Tambo	7
Tanjil	7
Tatchera (excepting the parishes listed hereunder which are in Zone 7)	6
Parish of Bael Bael	7
" Benjeroop .. .. .	..	..	..	..	..
" Boga .. .. .	..	..	..	..	..
" Boort .. .. .	..	..	..	..	..
" Budgerum East .. .. .	..	..	..	..	..
" Budgerum West .. .. .	..	..	..	..	..
" Castle Donnington .. .. .	..	..	..	..	..
" Dartagook .. .. .	..	..	..	..	..
" Gredgwin .. .. .	..	..	..	..	..
" Koorangie .. .. .	..	..	..	..	..
" Korrak Korrak .. .. .	..	..	..	..	..
" Kunat Kunat .. .. .	..	..	..	..	..

SCHEDULE "D"—*continued*.











<i>County.</i>							<i>Zone.</i>
<i>Tatchera—continued.</i>							
Parish of Leaghur	..	..	..	..	..	}	7
" Marmal	..	..	..	..	..
" Meering	..	..	..	..	..
" Meering West	..	..	..	..	..
" Meran	..	..	..	..	..
" Pentel Island	..	..	..	..	..
" Quambatook	..	..	..	..	..	}	6
" Tyntynder	..	..	..	..	..
Villiers	..	..	..	..	..	..	6
Weeah	..	..	..	..	..	..	6
Wonnangatta	..	..	..	..	..	..	7

SCHEDULE "E."




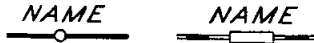


Survey Co-ordination Act 1940 (Victoria).

CONVENTIONAL SIGNS.


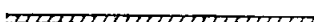

BOUNDARIES.

State Boundary	..	..	..
County Boundary	..	..	..
Parish Boundary (Large scale)	..	..	..
Parish Boundary (Small scale)	..	..	..
Township Boundary	..	..	..
Municipal Boundary	..	..	..
Permanent State Forest Boundary	..	..	..
Permanent Timber Reserve Boundary	..	..	..
Fence on Boundary	..	..	..
Fence off Boundary	..	..	..

RAILWAYS.

Double Railway Line	..	..	..
Single Railway Line	..	..	..
Light Railway Line (Gauge—3 ft. 6 in. and under)	..	..	..
Railway Station	..	..	..
Railway Station with siding	..	..	..
Siding	..	..	..

ROADS.

General symbol	..	..	..
If classified, for topographical maps, classifications to be shown by colour.				
First-class roads to be full Red; lower classifications, alternate Red and White.				
In symbols hereunder, Red is indicated by hachuring.				
First Class Road (Main highway—Concrete or Bitumen—capable of carrying two or more lines of traffic of all descriptions throughout the year)	..	..	..
Second Class Road (Bitumen, metal or gravel—trafficable at all times, but liable to break up under bad conditions)	..	..	..

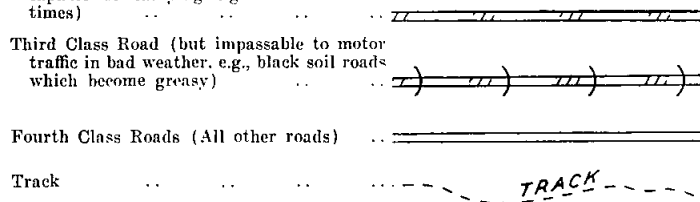
SCHEDULE "E"—*continued*.Roads—*continued*.

Third Class Roads (Constructed roads capable of carrying light traffic at all times)

Third Class Road (but impassable to motor traffic in bad weather, e.g., black soil roads which become greasy)

Fourth Class Roads (All other roads)

Track



TRIG. STATIONS, ETC.

First Class—Primary Triangulation .. \triangle TRIG. OR \triangle TRIG.

Second Class—Secondary Triangulation .. \triangle TRIG.

Third Class—Tertiary Triangulation .. \odot TRIG.

Fourth Class—Intersected Point or Re-section .. \bullet TRIG.

Astronomical Station, .. \odot

Permanent Mark established under Survey Co-ordination Act .. \uparrow

TOPOGRAPHICAL SYMBOLS.

NATURAL FEATURES.

Ridge of hills

Mountain peak

Hills with peaks

Cliffs

Rocks

Stony land

Coastline

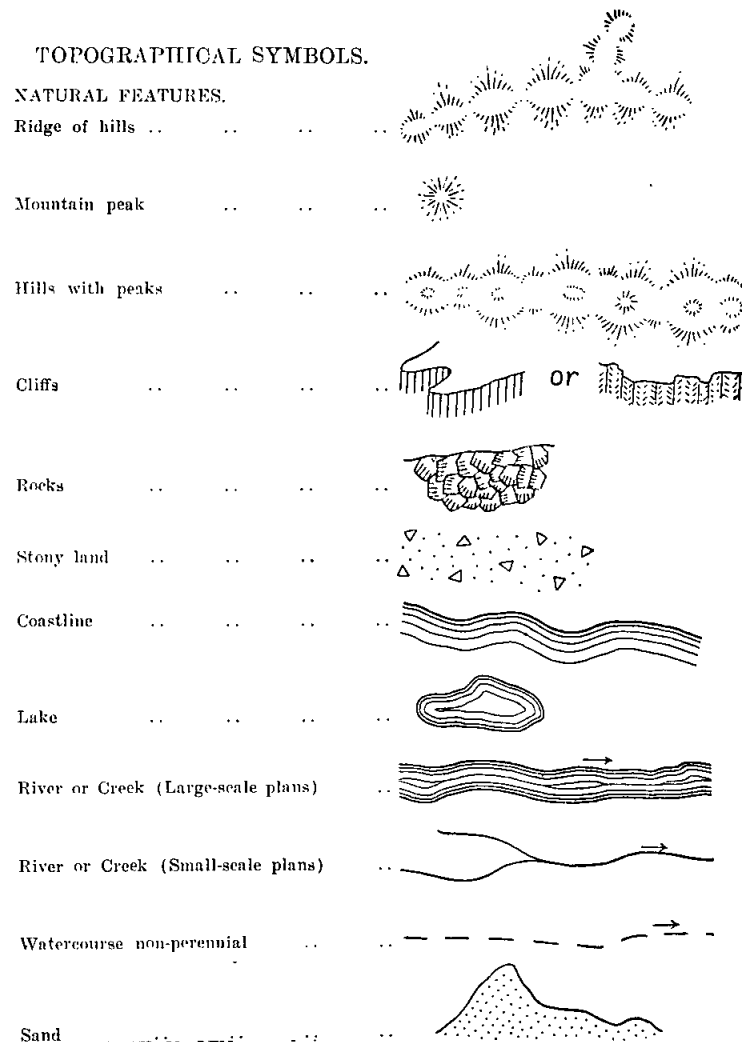
Lake

River or Creek (Large-scale plans)

River or Creek (Small-scale plans)

Watercourse non-perennial

Sand



SCHEDULE "E"—continued.

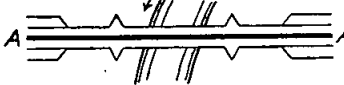

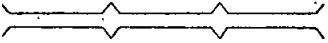
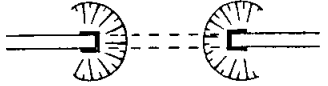
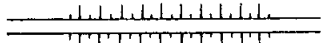

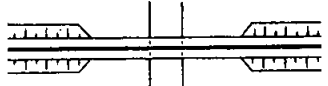

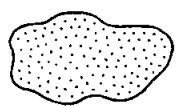
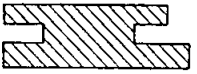









TOPOGRAPHICAL SYMBOLS—continued.

Natural Features—continued.

Mud	.. .. .
Trees	.. .. .
Scrub	.. .. .
Orchards	.. .. .
Swamp	.. .. .
Fathom Lines	.. .. .
Low water mark	.. .. .
Contours (Foot intervals). Multiples of 5 feet to be thickened	.. .. .
Contours (Fifty feet intervals). Even hundreds to be thickened	.. .. .
If desired, show the 25-ft. contour thus	.. .. .
Depression contour	.. .. .
OTHER FEATURES.		
Road Bridge (large scale)	.. .. .
Road Bridge (small scale)	.. .. .
Railway Bridge (large scale)	.. .. .
Railway Bridge (small scale)	.. .. .
Culvert	.. .. .

SCHEDULE "E"—continued.

Other Features—continued.

Aqueduct (large scale)	
Aqueduct (small scale)	
Viaduct	
Tunnel	
Embankment	
Cutting	
Subway	
Quarry	
Gravel Pit	
House or building (large scale)—	
(a) Constructed of brick, stone, or concrete	
(b) Constructed of wood	
(c) Constructed of iron	
Gates (double)	
Gate (single)	
House (small scale)	
Garage	
School	
Hotel	
Hospital	


SCHEDULE "E"—continued.

Other Features—continued.

Forge	.. .. .	■ F
Post Office	.. .. .	● P
Church	.. .. .	+
Factory or Mill	.. .. .	●
Lighthouse	.. .. .	⚓
Cemetery	.. .. .	☒ or ☐ CEM.

UNDERGROUND FEATURES.

Underground Gas Main	.. .. .	G - - - - - G - - - - -
Underground Water Main	.. .. .	W - - - - - W - - - - -
Underground Sewer Main	.. .. .	- - - - - S - - - - -
Underground Storm Water Drain	.. .. .	D - - - - - D - - - - -
Underground Electric Cable	.. .. .	- - - - - E - - - - -
Underground Telephone or Telegraph Cable	.. .. .	- - - - - T - - - - - T - - - - -

The use of the sign  on any line denotes inspection manhole.

ELECTRICAL SYMBOLS.

Telephone or Telegraph Line (For use where pole positions are not required to be shown)



Telephone or Telegraph Line (For use where actual pole positions are to be shown)



Electric Power Transmission Line (For use where pole or tower positions are not required to be shown)



Electric Power Transmission Line (For use where actual pole positions are to be shown)



Electric Power Transmission Line (For use where actual tower positions are to be shown)



Electric Generating Station



Electric Generating Station (Municipal and Private)
(For use on small-scale maps only.)



Electric Sub-station



Underground Conductor



Underground Telephone or Telegraph Line



WATER SUPPLY FEATURES.

Open Aqueduct (Masonry, or otherwise lined)



Channel (Earthen)











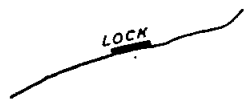

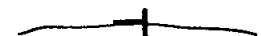
Open Drain



Underground Water Main



SCHEDULE "E"—*continued.*Water Supply Features—*continued.*

Windpump (Windmill)	..	..	..
Service Basin (small scale)	..	..	..	S.B. ..
Reservoir	..	..	..	RES ^R OR RESERVOIR
Tank (Dam)	..	..	..	TANK
Waterhole	..	..	..	W.H.
Bore	..	..	..	B.
Staulpipe	..	..	..	S.P.
Water Tower	..	..	..	W.T.
Lock	..	..	..
Weir	..	..	..
Lock and Weir	..	..	..

SUNDRY VERTICAL LANDMARKS.

Certain land-marks of varying character to be shown by the use of the sign X with an indication to denote character of such mark, e.g.:—

Vent Sewer Pipe	..	..	..	X V.S.
Street Guide Post	..	..	..	X S.G.P.
Street Pillar Hydrant	..	..	..	X P.H.
Street Fire Alarm	..	..	..	X F.A.
Street Ambulance Alarm	..	..	..	X A.A.
Street Concrete Pillar (P.M.G.)	..	..	..	X C.P. (P.M.G.)
Pole	..	..	..	X P.
Fire Lookout	..	..	..	X L.O.
Silo (Grain Elevators Board)	..	..	..	X SILO
Poppet Legs (Mine)	..	..	..	X P.L.

COLOURS.

Where colours are required on property survey plans (including lodged Titles Office plans and Department of Lands and Survey published compilations) the following shall be used:—

Freehold land	..	..	..	Pink Wash.
Private Roads (New, set out by Reg. Prop.)	..	..	..	Light Brown.
Drainage and Sewerage easements	..	..	..	Blue (general purposes).

SCHEDULE "E"—*continued*.

AERONAUTICAL SYMBOLS.

Service Aerodrome	.. ..	●	NAME. (HEIGHT)
Service Emergency Landing Ground	..	⊙	NAME (HEIGHT)
Civil Aerodrome	.. ..	⊙	NAME (HEIGHT)
Civil Emergency Landing Ground	..	⊙	NAME (HEIGHT)

SCHEDULE "F."

Types of Survey of General Value for purposes of the Act.

Trigonometrical Surveys.
 Title Surveys.
 Road Surveys.
 Theodolite Traverses.
 Compass Traverses.
 Longitudinal Sections.
 Grid Levels.
 Controlled Contour Surveys.
 Topographical Surveys.
 Miscellaneous Feature Surveys.
 Geological Surveys.
 Mineralogical Surveys.
 Soil Surveys.
 Ecological Surveys.
 Agrostological Surveys.
 Timber Assessment Surveys.
 Air Photo-mosaics.
 Air Photo Strips.
 Air Photomaps.
 Miscellaneous Air Photographs.
 Plans compiled from Cadastral Surveys.
 Plans compiled from Topographical Surveys.
 Any other type of survey considered by the Surveyor-General
 as being of general value.

And the Honorable Albert Eli Lind, His Majesty's Commissioner of Crown Lands and Survey for the State of Victoria, shall give the necessary directions herein accordingly.

C. W. KINSMAN,
 Clerk of the Executive Council.

