

ACTION: NO  
CHANGE

DATE: 10/04/2002  
02:05 PM

1501:14-1-12      **Maps: general requirements, uniform color code and map symbols.**

- (A) Maps shall be submitted along with permit applications, renewal applications, and annual and final reports, as required by Chapter 1514. of the Revised Code and these rules, except that a map need not be submitted along with the annual report if there has been no affectment of the land surface or the mining area has not expanded laterally during the year, and no additional affectment of the land surface or lateral expansion of the mining area is expected during the next year.
- (B) All acreage figures required to be reported or estimated by Chapter 1514. of the Revised Code or these rules shall be to the nearest one-tenth of an acre.
- (C) All maps required by Chapter 1514 of the Revised Code and these rules shall conform to the following standards:
- (1) The map shall be submitted in triplicate, except that at the time of initial filing of an application for a surface mining permit, only one copy of the application map need be submitted.
  - (2) The north direction shall be at the top of the map. The north direction shall be designated by an arrow in the upper left hand corner of the map.
  - (3) The scale of the map shall be either one inch equals one hundred feet, one inch equals two hundred feet, one inch equals three hundred feet, or one inch equals four hundred feet, as is sufficient for the map to show the requirements of division (A)(11) of section 1514.02 of the Revised Code.
  - (4) The contour interval of the map shall be either five feet, ten feet, or twenty feet, as is adequate to show the topographic relief of the proposed area.
  - (5) The quadrangle sketch, not to exceed six inches by six inches, shall be placed in the upper right hand corner of the map and shall have sufficient landmarks to locate the permit area or the proposed permit area, and include the name of the quadrangle utilized.
  - (6) A legend shall be placed below the quadrangle sketch, which legend shall utilize the symbols described in paragraph (F) of this rule.

- (7) A notarized certification shall be made by the preparer of the map. This certification shall be placed below the legend and shall read: "I, the undersigned, hereby certify that this map is correct, and shows to the best of my knowledge and belief all the information required by the surface mining laws of the state." The certification shall be signed and attested before a notary public.
- (8) A title block shall be placed in the lower right hand corner of the map, and shall contain the following information if applicable:
  - (a) The title of the map, i.e. application, amendment, renewal, annual, progress, final, or reclamation;
  - (b) The name of the applicant;
  - (c) The permit number;
  - (d) The township and range designation;
  - (e) The location coordinates of the approximate geographical center of the proposed or existing permit site. Such coordinates shall be given in state plane coordinates, derived from the appropriate 7.5 minute U.S.G.S. topographic map;
  - (f) The name of the township and county;
  - (g) The section, lot, or survey numbers;
  - (h) The scale and contour interval of the map;
  - (i) The date on which the map was prepared;
  - (j) The municipal corporation.
- (D) In addition to the requirements of paragraph (C) of this rule, all annual maps, final maps, and renewal maps shall contain:
  - (1) A summary, by mining area and for the permit area, in the chronological order in which it occurred, the number of acres affected to date and the number of acres to be reclaimed,

- (2) A listing, for each mining area and for the permit area, of the acres estimated to be affected during the next year and,
  - (3) A listing for the permit area of the acres that have had a grading release but not a planting release, and the acres that have had a total bond release.
- (E) All maps required by Chapter 1514. of the Revised Code or these rules shall utilize the following uniform color code:
- (1) The proposed or existing permit area shall have its perimeter designated with a solid black line highlighted in yellow.
  - (2) The area proposed in an amendment shall have its perimeter designated by a solid black line, and shall have its area shaded yellow, and the perimeter of the existing permit area shall be designated by a solid black line highlighted in yellow;
  - (3) The perimeter of the cumulative area actually affected shall be designated by a solid orange line;
  - (4) The perimeter of the area to be reclaimed, i.e., area on which mining has been completed during the permit year, shall be designated with a solid red line;
  - (5) The perimeter of the area estimated to be affected during the next permit year, including areas to be reaffected, shall be designated by a dashed red line;
  - (6) Any area which has been shown to be reclaimed on a previous map but has not had a bond release shall be shaded pink.
  - (7) When more than one mining area exists within a permit area, each shall be identified by name or number;
  - (8) The number of the permit year in which an area was reported to be reclaimed, in paragraph (E)(4) of this rule, shall be recorded in such area;
  - (9) Any area upon which grading, contouring or terracing, and resoiling has been completed and a bond release request is being submitted shall be designated by purple cross-hatching;
  - (10) Any area upon which permanent planting has been completed and a bond

release request is being submitted shall be designated by green cross-hatching;

- (11) Any area upon which grading has been released, but not planting, shall be shaded purple;
  - (12) Any area upon which all bond has been released shall be designated by black cross-hatching;
  - (13) Any area to be deleted from the permit shall be shaded green;
  - (14) Any area of topsoil, subsoil, or suitable substitute resoiling material storage shall have its perimeter designated with a dashed black line, and the area included therein shall be shaded brown;
  - (15) Existing and proposed sediment ponds and permanent impoundments shall be shown on the map and identified by name or number;
- (F) All maps and drawings required by Chapter 1514. of the Revised Code or these rules shall utilize the following uniform symbols:

Permanent impoundments



Sediment ponds



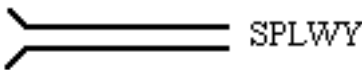
Shaded Blue

Existing bodies of water



Existing Limits  
Highlight Blue

Spillway



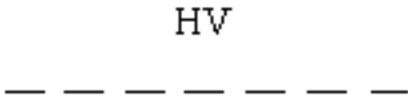
Overflow pipe (show inside diameter)



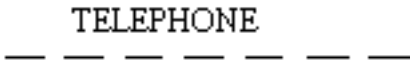
Electric distribution line



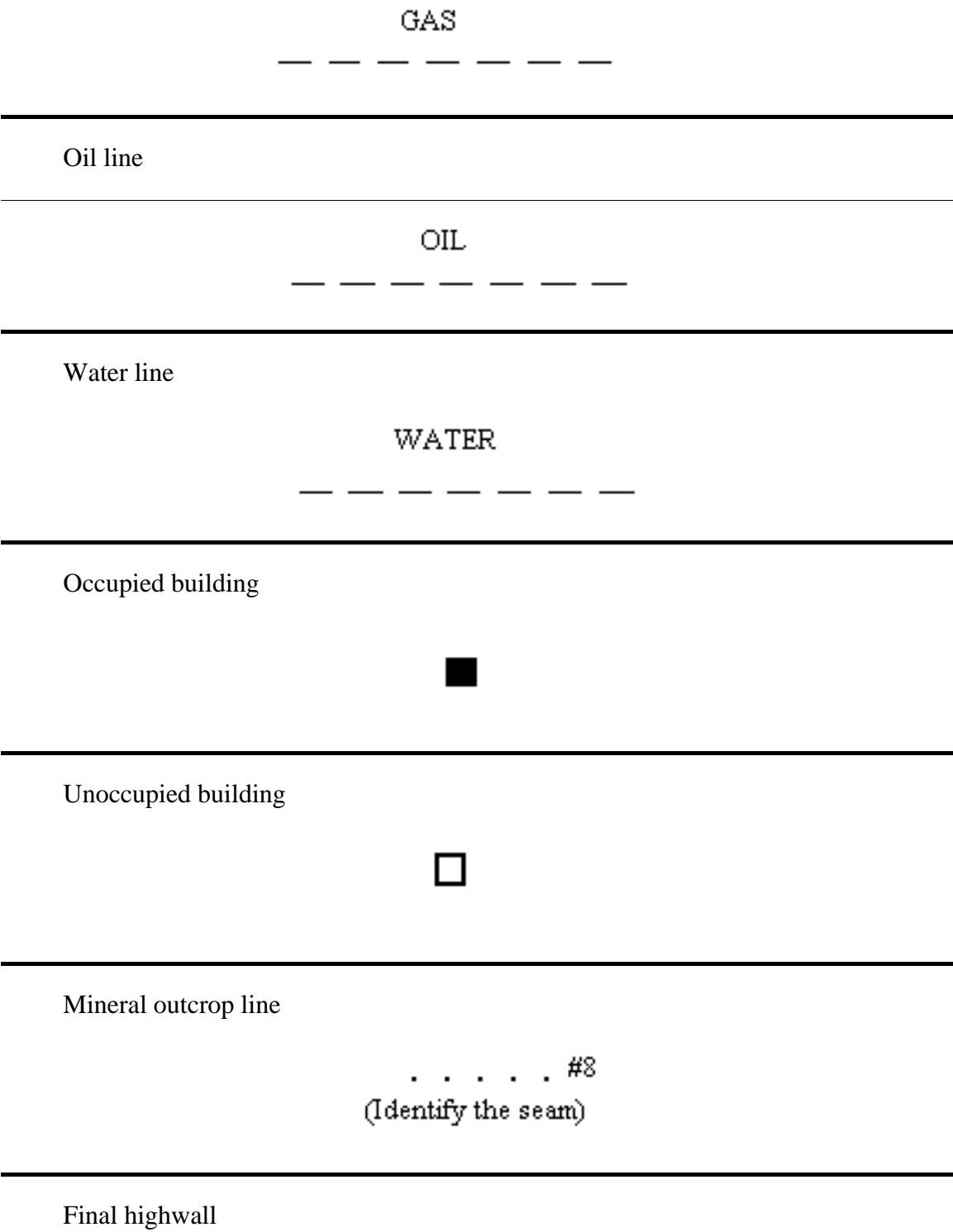
Electric transmission line (5kv or greater)



Telephone



Gas line





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Beginning point

BEGIN (IF TWO AREAS ARE  
TO BE MINED  
SIMULTANEOUSLY,  
INDICATE BY NUMBER)

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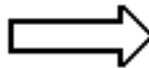
Ending point

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END

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Direction arrow (to show how mining will proceed)



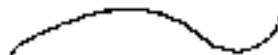
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Test holes



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Contour lines

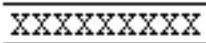


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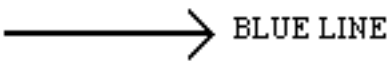
Property lines



Dike



Diversion ditch



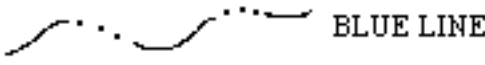
Natural drainage



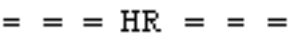
Pumped drainage



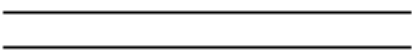
Natural drainage (intermittent flow)



Haul road



Hard surface road



Gravel road or driveway





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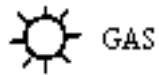
Oil well



OIL

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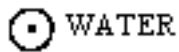
Gas well



GAS

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Water well



WATER

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Deep mine shaft



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Drift or slope mine entry



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Areas to be planted in trees (only needed if entire area is not to be planted in trees)



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Existing highwall or active mining face

-X--X--X--X--X--X

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Toe of spoil or overburden

-O--O--O--O--O

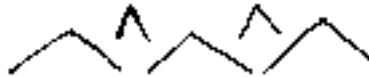
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Cross section



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Proposed spoil area



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Sump



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R.C. 119.032 review dates: 10/4/2002 and 10/04/2007

CERTIFIED ELECTRONICALLY

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Certification

10/04/2002 02:05 PM

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Date

Promulgated Under: 119.03  
Statutory Authority: R.C. Ch 119  
Rule Amplifies: 1514.02  
Prior Effective Dates: 01/15/1975, 9/7/96