#120-NC  DOUBLE CONTOUR ROAD PROFILE - NO CURBS

<table>
<thead>
<tr>
<th>DIMENSION</th>
<th>DESCRIPTION</th>
<th>MEASUREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>DATUM TO ROAD SURFACE</td>
<td></td>
</tr>
<tr>
<td>&quot;B1&quot;</td>
<td>DISTANCE FROM EDGE OF PAVEMENT TO LOW SPOT (APPLICABLE SIDE) (REF. TO &quot;A&quot;)</td>
<td></td>
</tr>
<tr>
<td>&quot;B2&quot;</td>
<td>DISTANCE FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT</td>
<td></td>
</tr>
<tr>
<td>&quot;C1&quot;</td>
<td>AVAILABLE SPACE TO THE LEFT (NOTE ALL OBSTRUCTIONS, BUILDINGS, ETC.)</td>
<td></td>
</tr>
<tr>
<td>&quot;C2&quot;</td>
<td>AVAILABLE SPACE TO THE RIGHT (NOTE ALL OBSTRUCTIONS, BUILDINGS, ETC.)</td>
<td></td>
</tr>
<tr>
<td>&quot;D1 to D2&quot;</td>
<td>RECORD ANY ELEVATION CHANGE ± FROM ONE SIDE OF THE ROAD TO THE OTHER (IF APPLICABLE)</td>
<td></td>
</tr>
</tbody>
</table>

* VIEWED FROM THE PRIVATE SIDE

NOTES:

1.) IF THE ROAD SURFACE HAS MULTIPLE SLOPES OR A UNIQUE PROFILE, PLEASE PROVIDE AUTOGATE WITH A DIMENSIONED SKETCH OR DRAWING.

2.) OPERATOR MAY BE PLACED ON THE LEFT OR RIGHT SIDE OF THE ROAD.

3.) WHEN THERE ARE CURBS, PLEASE PROVIDE AUTOGATE WITH A DIMENSIONED SKETCH OR DRAWING - USE DRAWING NUMBER 120-C.

COMPLETE AND FAX BACK TO AUTOGATE: (419) 588-3514

AutoGate
Gate Entry Systems
Greenville, Ohio
Fax: (419) 588-3514

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**#120-C DOUBLE CONTOUR, ROAD PROFILE - CURBS**

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<tr>
<th>DIMENSION</th>
<th>DESCRIPTION</th>
<th>MEASUREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A1&quot;</td>
<td>CURB HEIGHT - LEFT SIDE (IF APPLICABLE...)</td>
<td></td>
</tr>
<tr>
<td>&quot;A2&quot;</td>
<td>CURB HEIGHT - RIGHT SIDE (IF APPLICABLE...)</td>
<td></td>
</tr>
<tr>
<td>&quot;B1&quot;</td>
<td>DATUM TO ROAD SURFACE AT THE LOWEST SPOT IN THE ROAD</td>
<td></td>
</tr>
<tr>
<td>&quot;B2&quot;</td>
<td>DISTANCE FROM CURB TO LOWEST SPOT IN THE ROAD (REFERENCE TO &quot;B1&quot;)</td>
<td></td>
</tr>
<tr>
<td>&quot;C1&quot;</td>
<td>LEFT SIDE CURB DEPTH</td>
<td></td>
</tr>
<tr>
<td>&quot;C2&quot;</td>
<td>RIGHT SIDE CURB DEPTH</td>
<td></td>
</tr>
<tr>
<td>&quot;D&quot;</td>
<td>DISTANCE BETWEEN CURBS or INSIDE FACE TO INSIDE FACE</td>
<td></td>
</tr>
<tr>
<td>&quot;E1&quot;</td>
<td>AVAILABLE SPACE TO THE LEFT (NOTE ALL OBSTRUCTIONS, BUILDINGS,POWER LINES, ETC.)</td>
<td></td>
</tr>
<tr>
<td>&quot;E2&quot;</td>
<td>AVAILABLE SPACE TO THE RIGHT (NOTE ALL OBSTRUCTIONS, BUILDINGS,POWER LINES, ETC.)</td>
<td></td>
</tr>
<tr>
<td>&quot;F1 to F2&quot;</td>
<td>RECORD ANY ELEVATION CHANGE +/− BETWEEN THE TWO CURBS (USE TOP OF GRADE IF NO CURB/S)</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

1.) IF THE CURBS REQUIRE MORE DESCRIPTION THAN HEIGHT AND DEPTH, PLEASE PROVIDE AUTOGATE WITH A DIMENSIONED SKETCH OR DRAWING.

2.) IF THE ROAD SURFACE HAS MULTIPLE SLOPES OR A UNIQUE PROFILE, PLEASE PROVIDE AUTOGATE WITH A DIMENSIONED SKETCH OR DRAWING.

3.) OPERATOR MAY BE PLACED ON THE LEFT OR RIGHT SIDE OF THE ROAD.

4.) WHEN THERE ARE NO CURBS, USE THE TOP OF GRADE TO MEASURE THE CONTOUR ACROSS THE DRIVE OR USE DRAWING NUMBER 120-NC.

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**COMPLETE AND FAX BACK TO AUTOGATE: (419) 588-3514**

**Title:** DOUBLE CONTOUR, ROAD PROFILE - CURBS

**Rev.:** Description: Date: Dn. By: Ed. By:

<table>
<thead>
<tr>
<th>Rev.</th>
<th>Description</th>
<th>Date</th>
<th>Dn. By:</th>
<th>Ed. By:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>ADDED &quot;F1&quot; AND &quot;F2&quot; &amp; FILENAME CHANGED TO 120-C</td>
<td>06/23/14</td>
<td>MKS</td>
<td>DMR</td>
</tr>
</tbody>
</table>

AutoGate
Philadelphia, PA
FAX (419) 588-3514

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES, ANGLES ± 1°.

X: X.XX, Y: Y.XX, Z: Z.XX, XX: XX.XX.
#121-R  SLOPE UP CONTOUR - ROAD PROFILE (RIGHHAND)

<table>
<thead>
<tr>
<th>DIMENSION</th>
<th>DESCRIPTION</th>
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</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>ELEVATION CHANGE BETWEEN &quot;A1&quot; PAD LEVEL AND &quot;A2&quot; THE ROAD WHERE THE GATE ENDS</td>
<td></td>
</tr>
<tr>
<td>&quot;B&quot;</td>
<td>OVERALL GATE LENGTH (PLEASE CONTACT AUTOGATE FOR ASSISTANCE)</td>
<td></td>
</tr>
<tr>
<td>&quot;C&quot;</td>
<td>GATE OPENING (NORMALLY THE FACE OF THE OPERATOR TO THE FACE OF THE YOKE)</td>
<td></td>
</tr>
<tr>
<td>&quot;D&quot;</td>
<td>GATE HEIGHT (FROM THE TOP OF THE OPERATOR PAD TO THE TOP OF GATE OR FINEALS)</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

1.) ALWAYS CHOOSE OPERATOR LOCATION ON THE LOW SIDE OF A SLOPPED DRIVE WHEN EVER POSSIBLE. (AS SHOWN IN THIS DWG.)

2.) IF THE CURBS REQUIRE MORE DESCRIPTION THAN HEIGHT AND DEPTH, PLEASE PROVIDE AUTOGATE WITH A DIMENSIONED SKETCH OR DRAWING.

3.) IF THE ROAD SURFACE HAS MULTIPLE SLOpes OR A UNIQUE PROFILE, PLEASE PROVIDE AUTOGATE WITH A DIMENSIONED SKETCH OR DRAWING.

4.) OPERATOR MAY BE PLACED ON THE LEFT OR RIGHT SIDE OF THE ROAD.

5.) WHEN THERE ARE CURBS ON ONE OR BOTH SIDES, REFER TO DWG. #120-C

*VIEWED FROM THE PRIVATE SIDE*

**COMPLETE AND FAX BACK TO AUTOGATE:** (419) 588-3514

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**Rev.:** A  | **Description:** REVISED "A" DESCRIPTION AND ADDED "A1" AND "A2"  | **Date:** 05/01/14  | **Dwg.:** 121-R

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**AutoGate**
Gate Entry Systems
10600 W. County Line Rd.
Cleveland, OH 44130
Ph: (216) 588-2705
Fax: (216) 588-5114
#122-R  SLOPE DOWN CONTOUR - ROAD PROFILE (RIGHTEHAND)

<table>
<thead>
<tr>
<th>DIMENSION</th>
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</thead>
<tbody>
<tr>
<td>&quot;B&quot;</td>
<td>OVERALL GATE LENGTH (PLEASE CONTACT AUTOGATE FOR ASSISTANCE...)</td>
<td></td>
</tr>
<tr>
<td>&quot;C&quot;</td>
<td>GATE OPENING (NORMALLY THE FACE OF THE OPERATOR TO THE FACE OF THE YOKE)</td>
<td></td>
</tr>
<tr>
<td>&quot;D&quot;</td>
<td>GATE HEIGHT (FROM THE TOP OF THE OPERATOR PAD TO THE TOP OF GATE OR FINEALS)</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

1. ALWAYS CHOOSE OPERATOR LOCATION ON THE LOW SIDE OF A SLOPPED DRIVE WHEN EVER POSSIBLE. (AS SHOWN IN DWG #121-R)
2. IF THE CURBS REQUIRE MORE DESCRIPTION THAN HEIGHT AND DEPTH, PLEASE PROVIDE AUTOGATE WITH A DIMENSIONED SKETCH OR DRAWING.
3. IF THE ROAD SURFACE HAS MULTIPLE SLOPES OR A UNIQUE PROFILE, PLEASE PROVIDE AUTOGATE WITH A DIMENSIONED SKETCH OR DRAWING.
4. OPERATOR MAY BE PLACED ON THE LEFT OR RIGHT SIDE OF THE ROAD.
5. WHEN THERE ARE CURBS ON ONE OR BOTH SIDES, REFER TO DWG #120-C

* VIEWED FROM THE PRIVATE SIDE

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El AutoCAD Drawings/Layout and Site Drawings/Profile Site Survey Drawings/123-R Slop Down Contour - Road Profile Righthand.dwg
#151-R VPL GATE PROFILE - SITE SURVEY (RIGHHAND)

PUBLIC SIDE

PRIVATE / SECURED SIDE

CURB

CURB

3" SETBACK (MIN.)

8" SETBACK (6" MIN.)

48"

SEE: CONDUIT #102C-R FOR COMPLETE DETAILS

SEE: PAD LAYOUT #102-R FOR COMPLETE DETAILS

DATUM LINE / TOP OF OPER. PAD

(WHEN NO CURBS ARE PRESENT)

OPERATOR PAD

(LEVEL WITH TOP OF CURB)

VARIES (CONTACT AUTOGATE FOR HELP TO DETERMINE THE ACTUAL GATE LENGTH)

YOKE STYLES VARY

(REF: #105)

"A"

"B1"

"B2"

"C1"

"C2"

"D1"

"D2"

"E1"

"E2"

PAD LEVEL LINE

CONC. YOKE PAD

ELEVATION VIEW

* Viewed from the PRIVATE SIDE

NOTES:
1. IF CURB REQUIRE MORE DESCRIPTION THAN HEIGHT AND DEPTH, PLEASE PROVIDE A DIMENSIONED SKETCH OR DRAWING.
2. IF ROAD SURFACE HAS MULTIPLE SLOPES OR A UNIQUE PROFILE, PLEASE PROVIDE A DIMENSIONED SKETCH OR DRAWING. (REF: #120-C OR #120-NC)
3. MINIMUM CLEARANCE BETWEEN GATE AND CURB/ROAD IS 6'.
4. OPERATOR MAY BE PLACED ON THE LEFT OR RIGHT SIDE OF THE ROAD.
5. YOKE PAD ADJACENT TO BACKSIDE OF CURB, SAME ELEVATION AS THE OPERATOR PAD.

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