



# **POOL COVER**

## **MEASURING INSTRUCTIONS**

7701 Highway 41N  
Evansville, IN 47725 U.S.A.  
Ph. (812)867-2421  
Fax (812)867-1429  
E-mail: [custdiv@anchorinc.com](mailto:custdiv@anchorinc.com)  
[www.anchorinc.com](http://www.anchorinc.com)

A-B measuring is a form of triangulation surveying that enables us to get the size and shape of a pool. This is achieved by taking measurements from two fixed points (The A-B Line) outside the swimming pool to points around the perimeter.

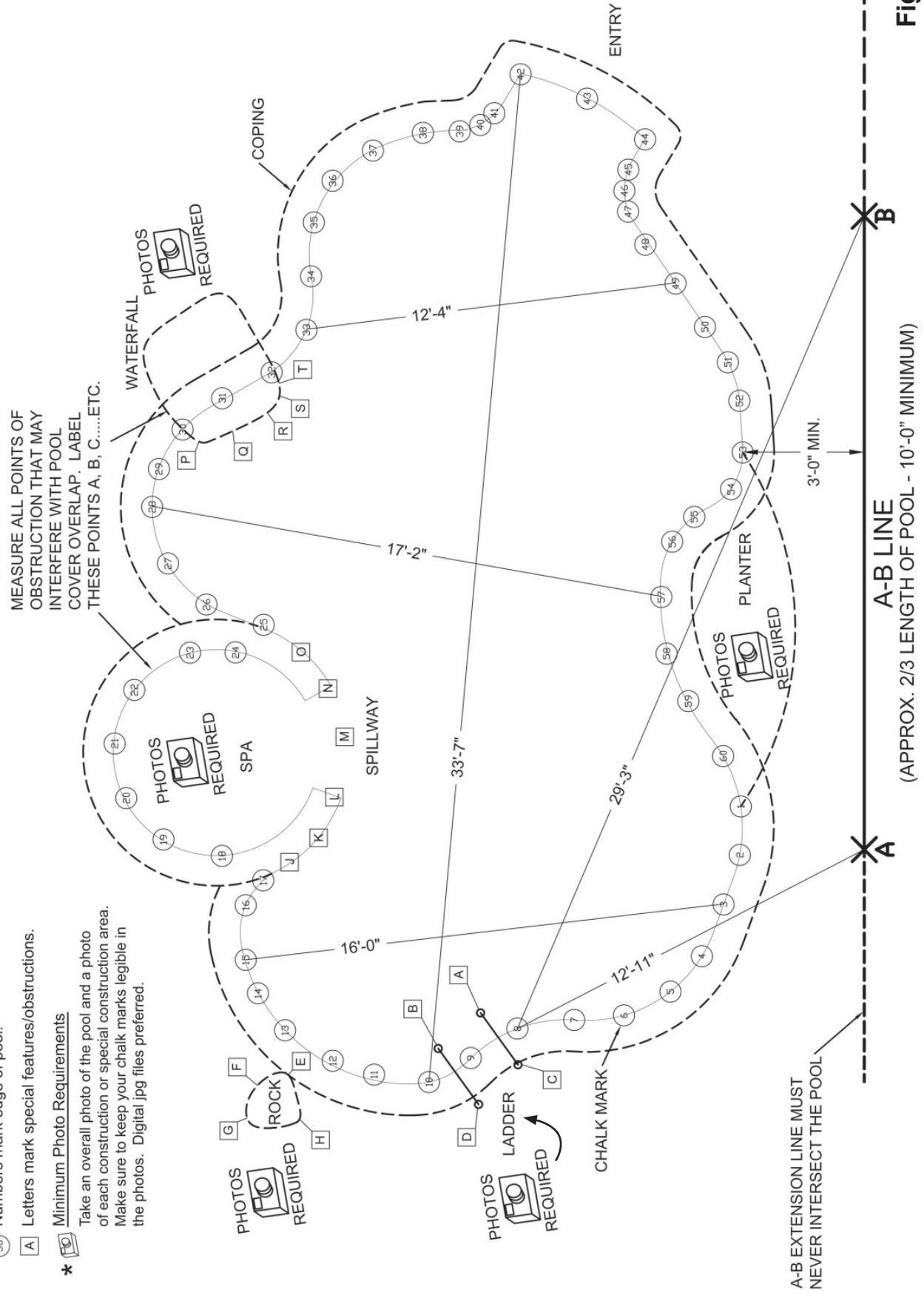
**IMPORTANT NOTE:** Failure to provide all information requested will extend the order process and may result in return trips to the pool for further information.

1. **SKETCH** Begin with a freehand sketch indicating the inside pool edge (water edge). Include in your sketch the deck area, planters and any obstructions within 3 feet of the pools waterline. Photos\* of pool are required as indicated below.
2. **A-B POINTS - See Figure 1** Establish two points to be referred to as "A-B" points. The "A" should be on the left and the "B" on the right while facing the pool (If A and B points are flipped the cover may be made upside down). The "A-B" line must be at least 3 feet away (the further away, the better) from the water's edge of the pool and approximately 2/3 length of the pool - 10'-0" Minimum; the longer the "A-B" line, the better. (show your "A-B" points and their location on your sketch).
3. **A-B MEASUREMENTS**
  - A. **POOL:**
    - Using chalk, mark and **NUMBER** points along the water's edge of pool at approximately 3'-0" intervals or less for tight radius areas (4 foot radius or less) use intervals of 6 inch to 1 foot apart. All corner/direction changes must be marked and numbered.
    - Measurements are then to be taken from point "A" to point #1, then point #2 and so on to each numbered point around the pool. Then measure from point "B" to point #1, then point #2 as previously done for point "A". Measurements are to be rounded to the nearest inch and listed in column format as shown in Figure 1.
  - B. **SPECIAL FEATURES / OBSTRUCTIONS:**
    - Using chalk, mark and **LETTER** points that include all corner/direction change, ladders, handrails, grab rails, slide legs, rocks, spillways, spa walls separating spa and pool, fill spout and dive stand. These areas require closer intervals of 6 inches to 1 foot apart. At least 3 points should be marked and given along straight walls.
    - Measurements are then to be taken from point "A" to Letter A, then Letter B and so on to each Lettered point around the pool. Then measure from point "B" to Letter A, then Letter B as previously done for point "A". Measurements are to be rounded to the nearest inch and listed in column format as shown in Figure 1.
4. **CROSS REFERENCE DIMENSIONS** Measurements are to be taken for reference of the length and width between two known cross points and recorded in table. Additional measurements are suggested for more difficult or custom pools (three width & two length). Cross dimensions to any obstacles or complicated areas is also recommended.
5. **PHOTO REQUIREMENTS** Take an overall photo of the pool and a photo of each obstruction or special construction area. Make sure to keep your chalk marks legible in the photos. Digital jpg files are preferred.

**FOR REFERENCE ONLY.**

## LEGEND

- (58) Numbers mark edge of pool.  
 A Letters mark special features/obstructions.  
 \* Minimum Photo Requirements  
 Take an overall photo of the pool and a photo of each construction or special construction area. Make sure to keep your chalk marks legible in the photos. Digital .jpg files preferred.



## Figure 1

**Failure to provide all information requested will extend the order process and may result in return trips to the pool for further information.**

Circle Correct Answers.

Fill In applicable blanks.

Dealer Name \_\_\_\_\_

Customer Name \_\_\_\_\_

Date \_\_\_\_\_

**REQUIRED INFORMATION**

- |     |   |     |    |
|-----|---|-----|----|
| 1.  | Are there any <b>non-removable handrail, grab rails, or ladders?</b>                                    | YES | NO |
|     | A. 'A-B' dimensions are required to front center of all rails.  |     |    |
|     | B. Distance rails are set back from pool  |     |    |
| 2.  | Is there a <b>non-removable fill spout?</b>   | YES | NO |
|     | A. 'A-B' dimensions needed for start and end of pipe.   |     |    |
|     | B. Fill spout is: <input type="checkbox"/> Level with deck <input type="checkbox"/> Raised              |     |    |
|     | • If raised, distance set back from pool? _____   |     |    |
|     | C. Is end of spout below coping?  | YES | NO |
|     | • Distance set in to pool? _____  |     |    |
| 3.  | Is there a <b>dive stand?</b>   | YES | NO |
|     | A. Distance set back from pool? _____   |     |    |
|     | B. 'A-B' Measure the base.  |     |    |
| 4.  | Are there <b>dive rock(s)?</b> If yes, See <b>Appendix A</b>  | YES | NO |
| 5.  | Are there <b>slide legs within 2' of pool?</b>  | YES | NO |
|     | If yes, give 'A-B' dimensions to each leg, and give the distance each is set back from pool             |     |    |
| 6.  | Is there a <b>spa?</b> If yes, See <b>Appendix B</b>  | YES | NO |
|     | Is spa to be included in the quote / order?   | YES | NO |
| 7.  | Is there a <b>planter or grass area?</b>  | YES | NO |
|     | A. If yes, <b>PHOTOS REQUIRED*</b> . Give 'A-B' dimensions Pts _____ to _____                           |     |    |
| 8.  | Is there a <b>raised wall or raised planter?</b> If yes, see <b>Appendix C</b>                          | YES | NO |
| 9.  | Is there a <b>waterfall or rock formation?</b>  | YES | NO |
|     | A. If yes, <b>PHOTOS REQUIRED*</b> .  |     |    |
|     | B. 'A-B' the beginning, end, front and sides of the formation, as well as pool edge in 1'-0" intervals. |     |    |
|     | C. Is waterfall or rock formation able to be anchored into?   | YES | NO |
|     | D. Distance rocks hang over pool edge? _____  |     |    |
| 10. | Are there <b>varying deck levels?</b> If yes, see <b>Appendix C</b>                                     | YES | NO |
| 11. | Is there a <b>negative edge?</b> If yes, see <b>Appendix D</b>  | YES | NO |

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Dealer Name \_\_\_\_\_

Customer Name \_\_\_\_\_

Date \_\_\_\_\_

## **APPENDIX**

### **Appendix A - Dive Rocks**

#### **1. PHOTOS REQUIRED\*.**

A. 'A-B' sides and front of rock, as well as pool edge using 8" to 1'-0" intervals depending on shape of rock. Pts \_\_\_\_\_ to \_\_\_\_\_

B. Cover Options:

- **Up & Over** - See **Figure A-1**

What is the height (18" maximum) and width of the rock at the up & over area? \_\_\_\_\_

If wedges are required give sizes for wedges. \_\_\_\_\_

- **Cable Construction** - See **Figure A-2**

Does Rock overhang the pools edge? \_\_\_\_\_

YES NO

Distance Rock hangs over edge. \_\_\_\_\_

Does Rock extend below deck level? \_\_\_\_\_

YES NO

Rock extends below deck level from Pts. \_\_\_\_\_ to \_\_\_\_\_

- **Web in Pocket** - See **Figure A-3 or A-4**

Perimeter around rock? \_\_\_\_\_

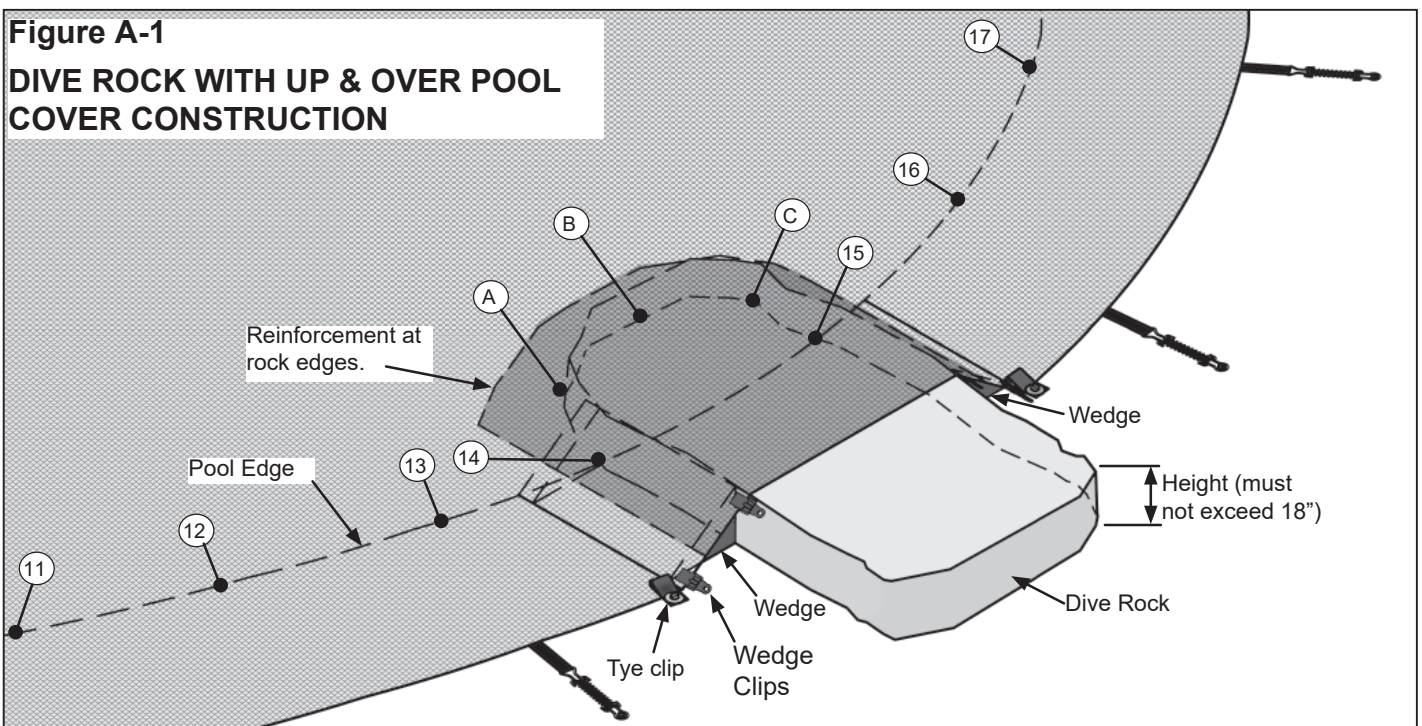
Does rock extend below deck level? \_\_\_\_\_

YES NO

Rock extends below deck level from Pts. \_\_\_\_\_ to \_\_\_\_\_

**Figure A-1**

#### **DIVE ROCK WITH UP & OVER POOL COVER CONSTRUCTION**





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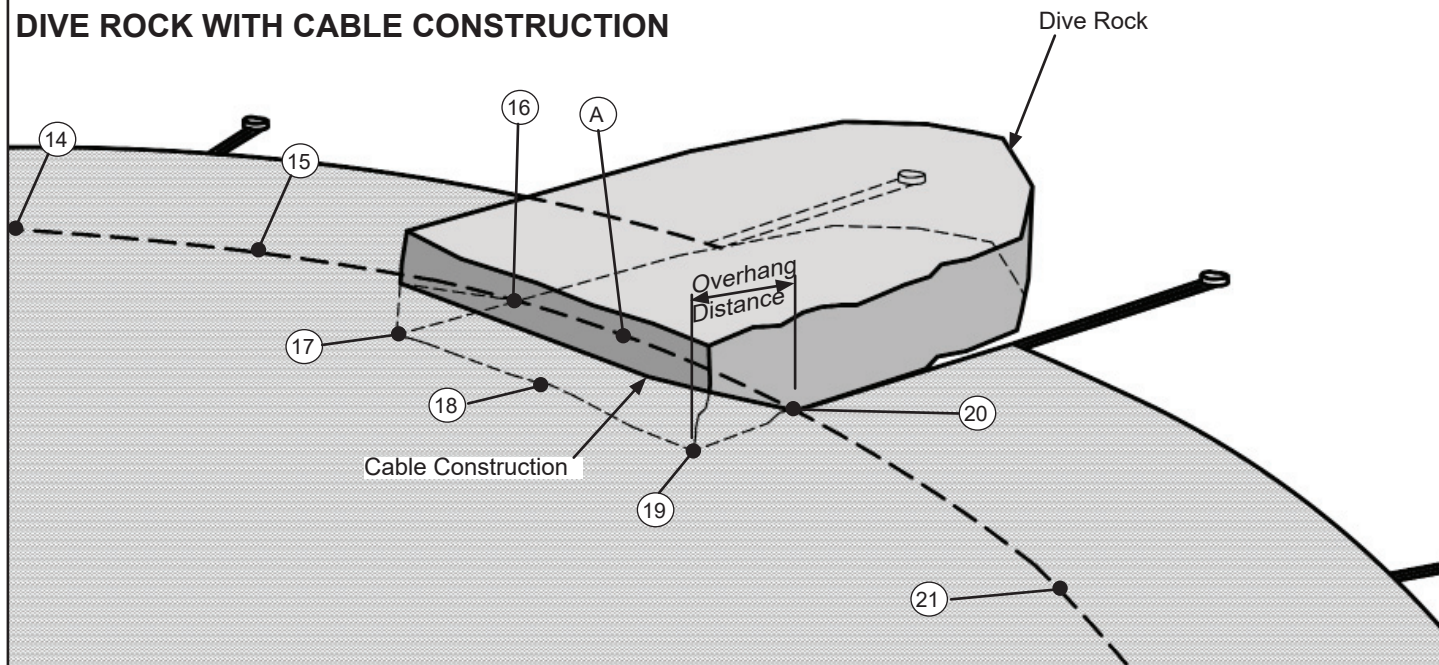
Dealer Name \_\_\_\_\_

Customer Name \_\_\_\_\_

Date \_\_\_\_\_

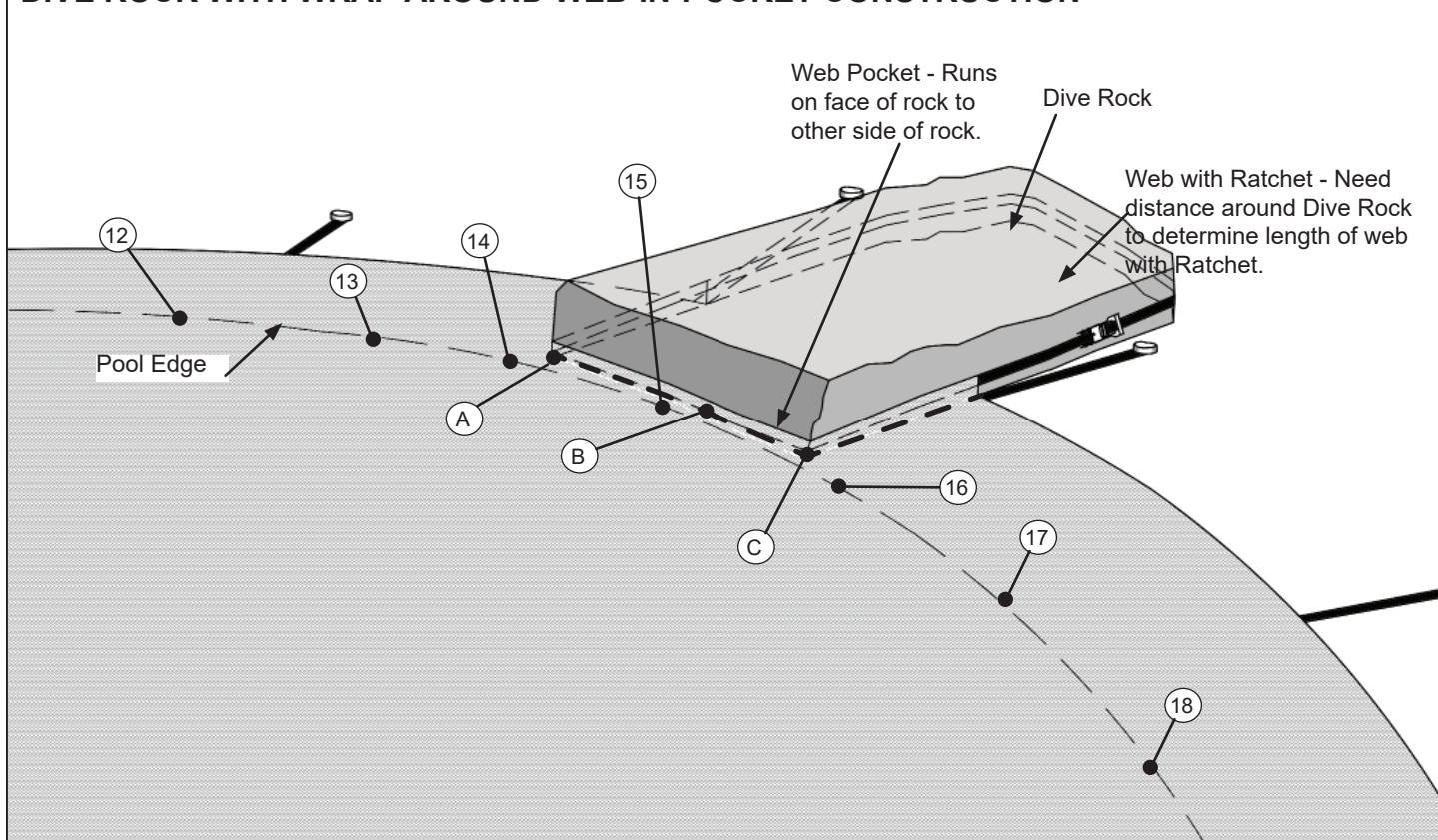
**Figure A-2**

**DIVE ROCK WITH CABLE CONSTRUCTION**



**Figure A-3**

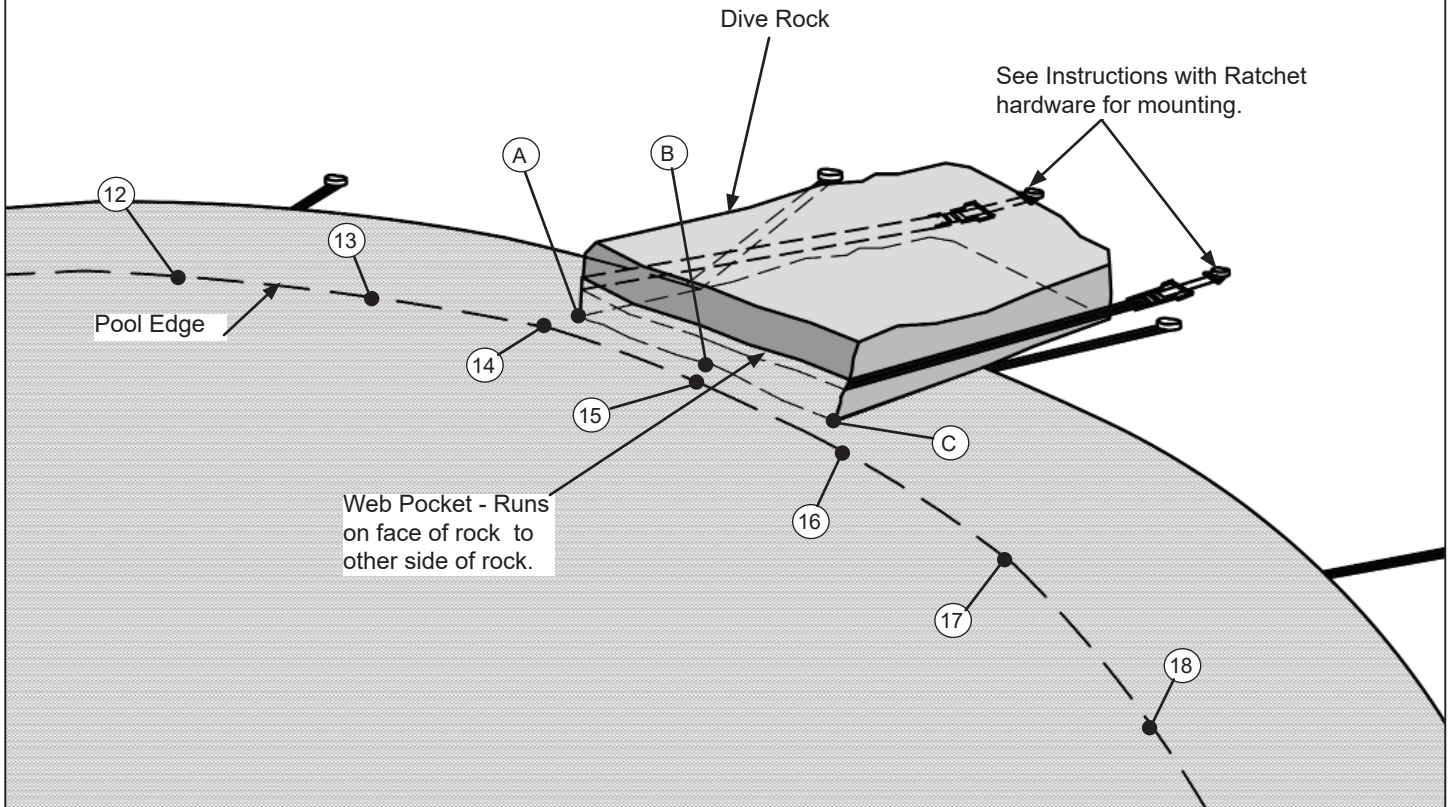
**DIVE ROCK WITH WRAP AROUND WEB-IN-POCKET CONSTRUCTION**



**Failure to provide all information requested will extend the order process and may result in return trips to the pool for further information.**

**Figure A-4**

**DIVE ROCK WITH WEB-IN-POCKET CONSTRUCTION - ANCHORS INTO DECK**



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Dealer Name \_\_\_\_\_  
Customer Name \_\_\_\_\_  
Date \_\_\_\_\_

## **Appendix B - Spa Cover**

### **1. PHOTOS REQUIRED\***

#### **A. Cover Options:**

- |                          |     |    |
|--------------------------|-----|----|
| • <b>Separate cover?</b> | YES | NO |
|--------------------------|-----|----|

If yes, 'A-B' spa and indicate points with Letters on chart and drawing.

Is spa to be accessible year round?	YES	NO
-------------------------------------	-----	----

- |   |     |    |
|---|-----|----|
| • <b>Cable Construction - See Figure B-1?</b> | YES | NO |
|---|-----|----|

If yes, is spa wall able to be anchored into?	YES	NO
---	-----	----

Indicate where cable is to be located. Pts \_\_\_\_\_ to \_\_\_\_\_

- |   |  |  |
|---|--|--|
| • <b>Web in Pocket - See Figure B-2 or B-3 (only available on round, oval &amp; rectangular shapes)</b> |  |  |
|---|--|--|

If yes, perimeter around spa? _____	YES	NO
-------------------------------------	-----	----

Indicate where Pocket is to be located. Pts _____ to _____	YES	NO
--	-----	----

- |                                      |     |    |
|--------------------------------------|-----|----|
| • <b>One cover for pool and spa?</b> | YES | NO |
|--------------------------------------|-----|----|

Up & Over (18" maximum height)...If yes:

What is the height of the spa above deck level? \_\_\_\_\_

If more than one elevation, give points and height at elevation change. \_\_\_\_\_

If wedges are required give sizes and quantities for wedges. \_\_\_\_\_

- |  |     |    |
|--|-----|----|
| <b>B. Does spa have an open spillway? (see figure B-4)</b> | YES | NO |
|--|-----|----|

- |   |  |  |
|---|--|--|
| • If yes, 'A-B' dimensions required to locate spillway. |  |  |
|---|--|--|

- |   |     |    |
|---|-----|----|
| <b>C. Are there any other specific spa cover design instructions?</b> | YES | NO |
|---|-----|----|

- |                         |  |  |
|-------------------------|--|--|
| • Please specify. _____ |  |  |
|-------------------------|--|--|



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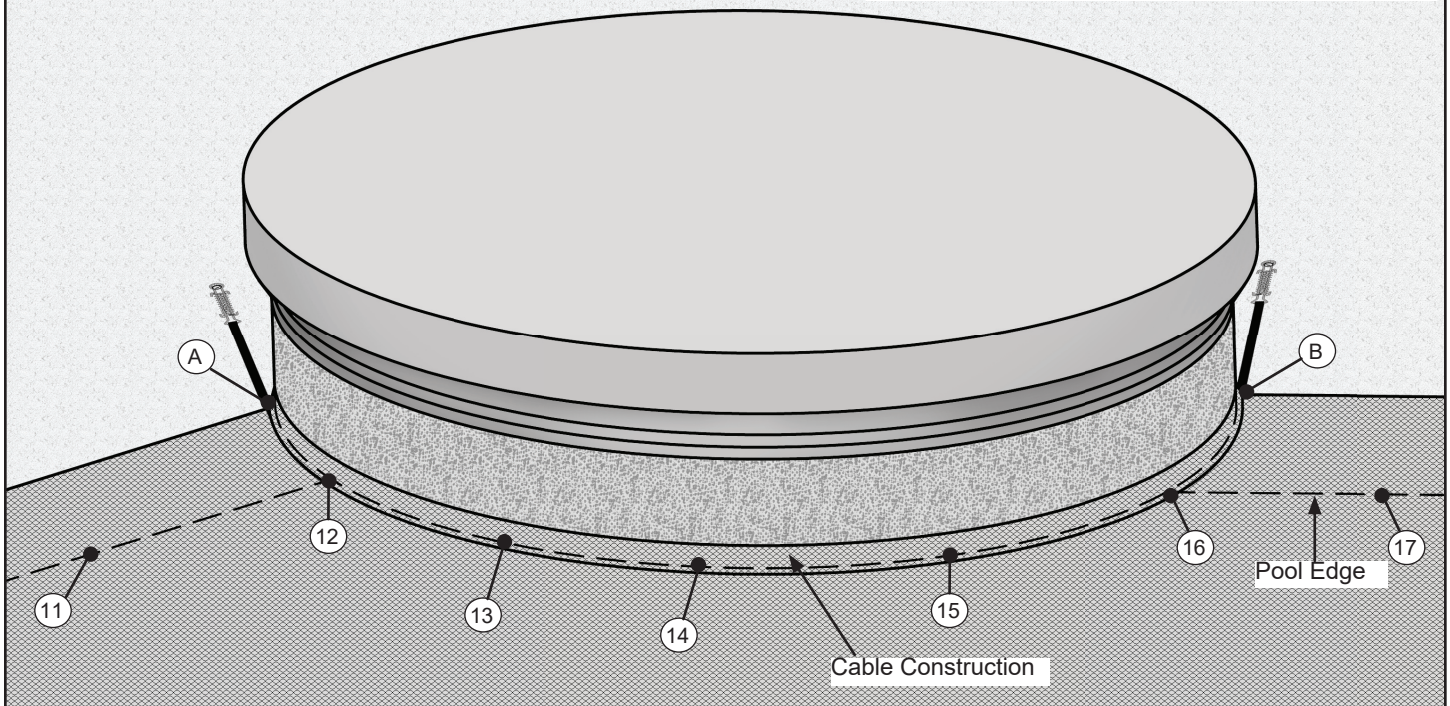
**Figure B-1**

**SPA WITH CABLE CONSTRUCTION**

Dealer Name \_\_\_\_\_

Customer Name \_\_\_\_\_

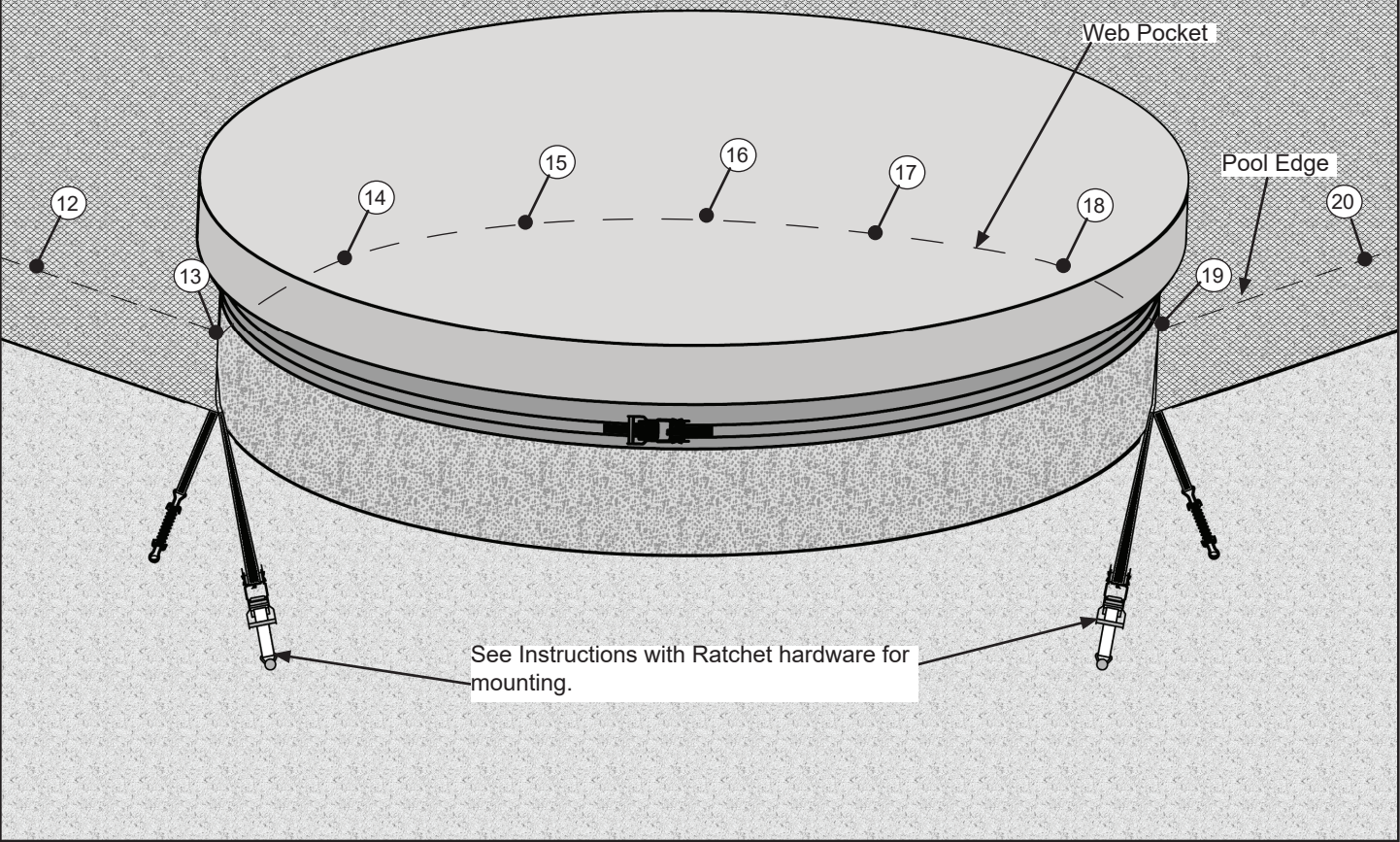
Date \_\_\_\_\_



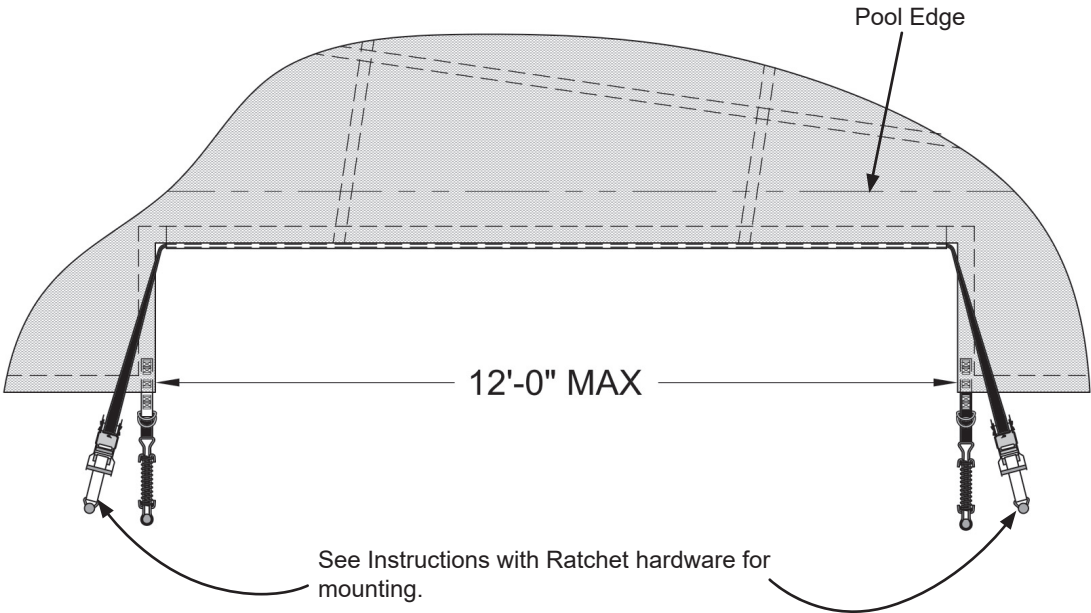


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**Figure B-2**  
**SPA WITH WEB-IN-POCKET ANCHORED INTO DECK**



**Web-In-Pocket Anchor into Deck Size Limit**





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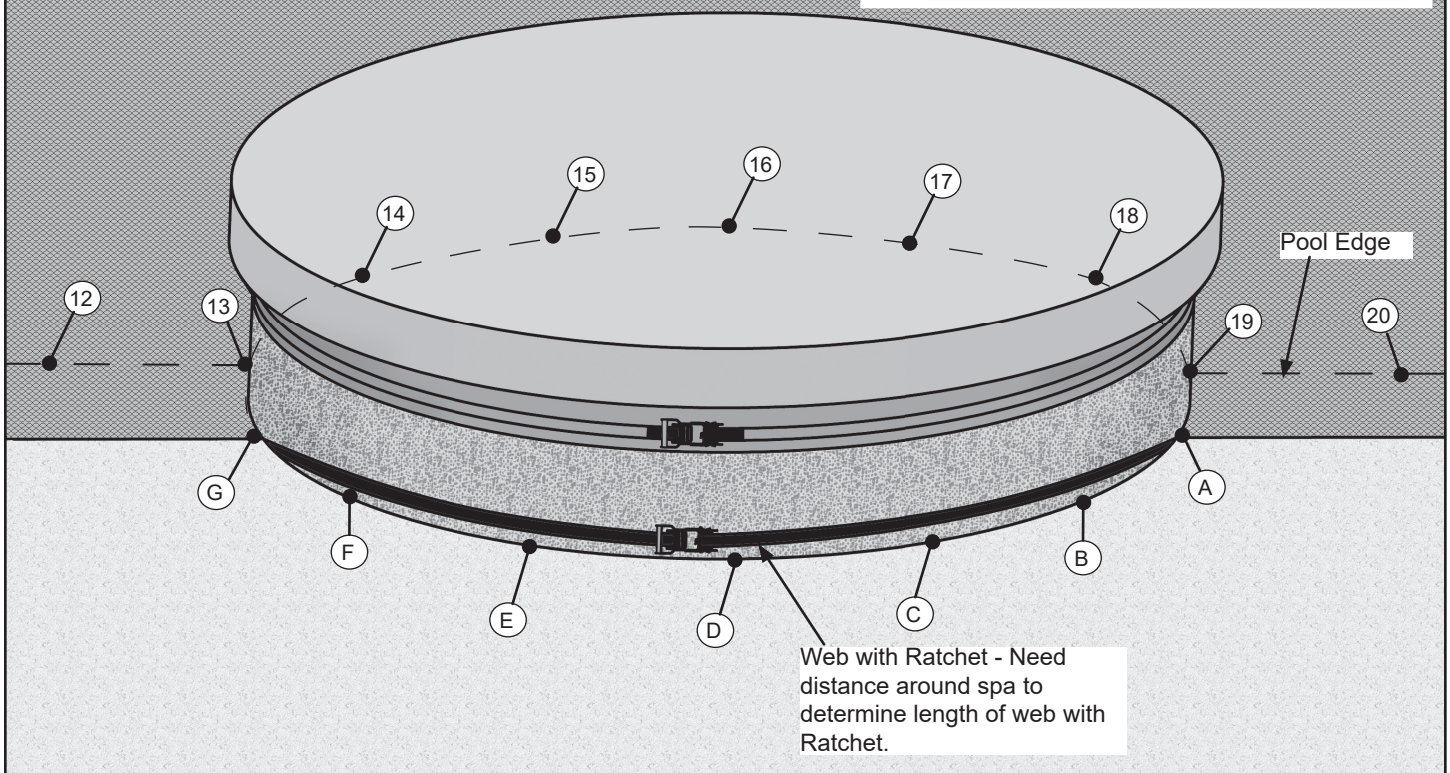
**Figure B-3**

**SPA WITH WEB IN POCKET WRAP AROUND**

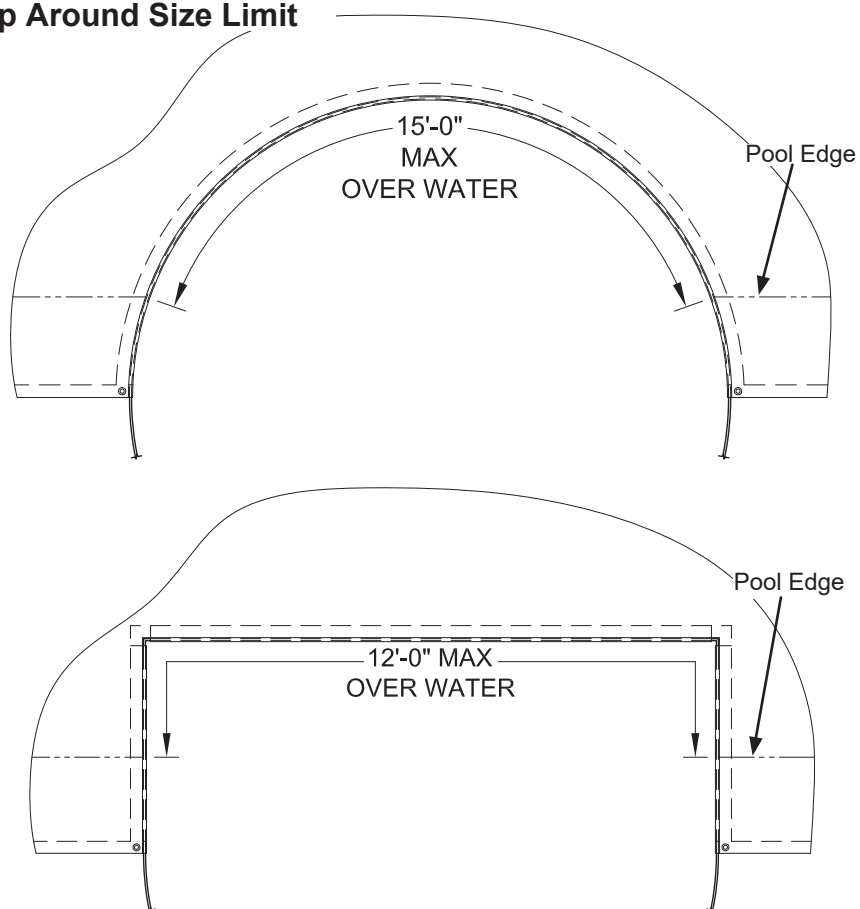
Dealer Name \_\_\_\_\_

Customer Name \_\_\_\_\_

Date \_\_\_\_\_



**Web-In-Pocket Wrap Around Size Limit**



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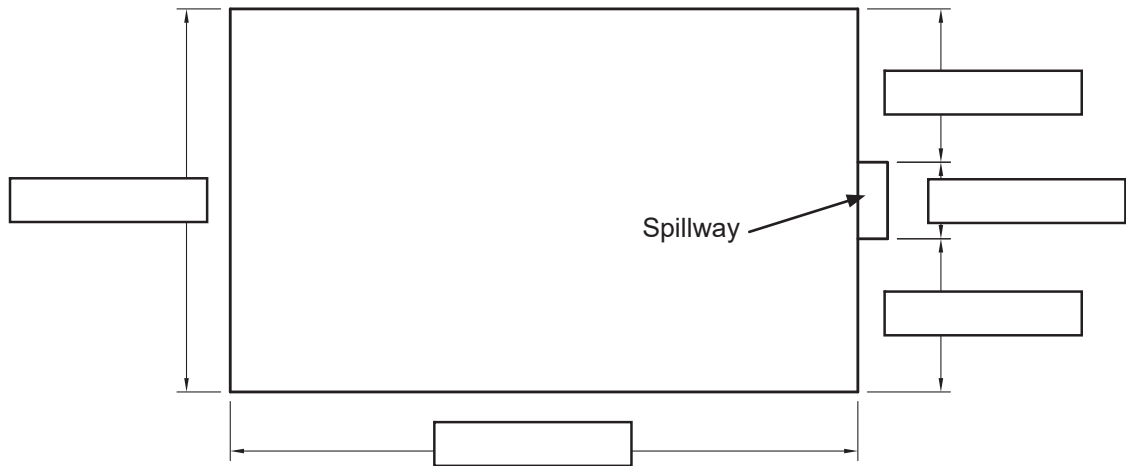
Figure B-4

**PROTRUDING SPA SPILLWAY**

Dealer Name \_\_\_\_\_

Customer Name \_\_\_\_\_

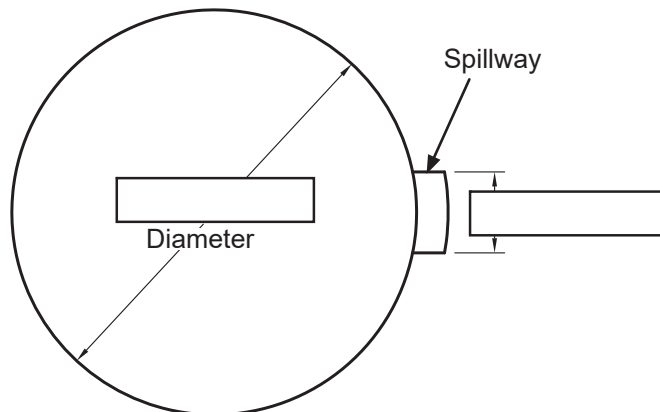
Date \_\_\_\_\_



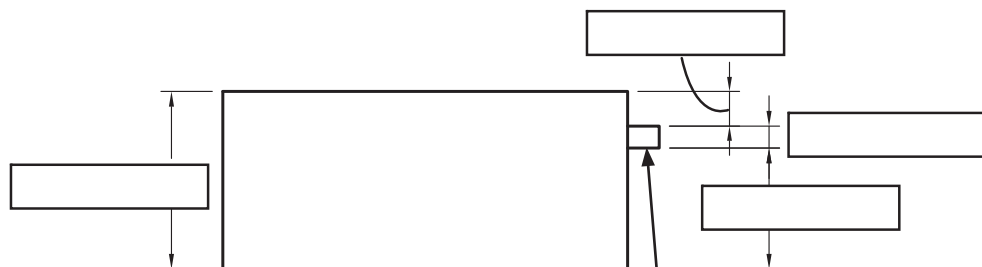
**TOP VIEW**



**SIDE VIEW**



**TOP VIEW**



**SIDE VIEW**

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Dealer Name \_\_\_\_\_

Customer Name \_\_\_\_\_

Date \_\_\_\_\_

## Appendix C - Raised Areas or Varying Deck Levels

### 1. PHOTOS REQUIRED\* FOR EACH RAISED AREA OR VARYING DECK LEVEL.

#### A. For Raised Walls - See Figure C-1

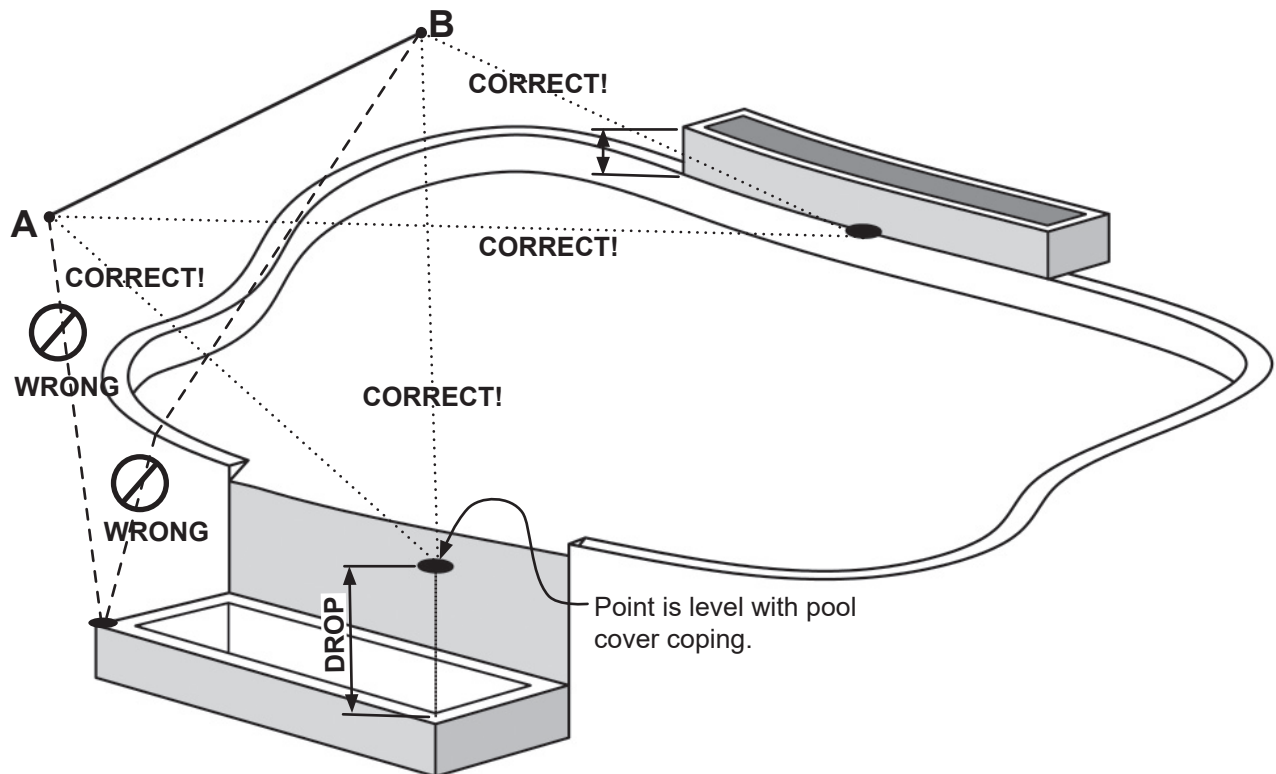
- Is wall able to be anchored into? YES NO
- 'A-B' the beginning and end of the raised areas, as well as 1'-0" intervals along raised area.
- Height of wall? \_\_\_\_\_

#### B. For varying deck levels - See Figure C-1

- Indicate height of each level change, and 'A-B' each level including points on risers as shown in Figure C-1.

**Figure C-1**

### RAISED AREAS OR VARYING DECK LEVELS



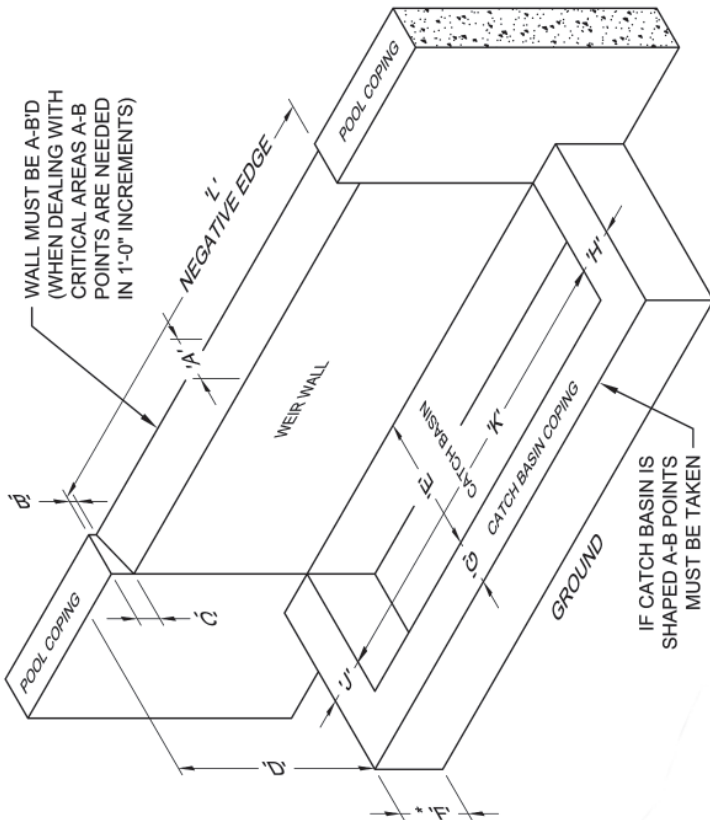
**IMPORTANT NOTE:** All A B Points MUST be taken on the same plane/elevation.

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Dealer Name \_\_\_\_\_  
Customer Name \_\_\_\_\_  
Date \_\_\_\_\_

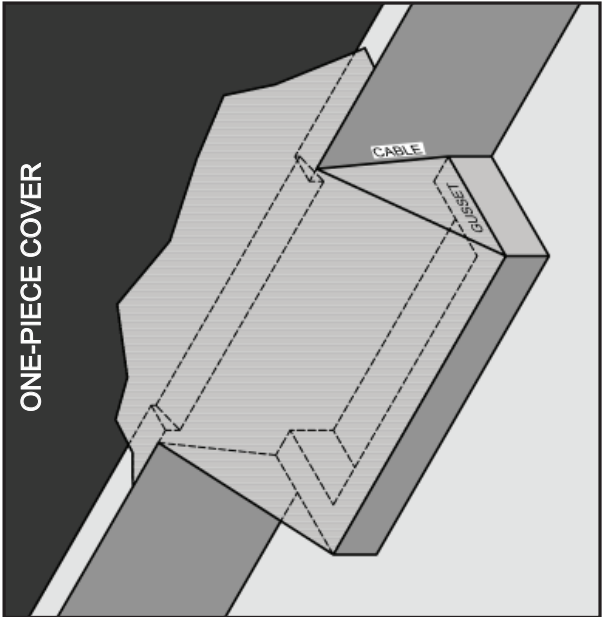
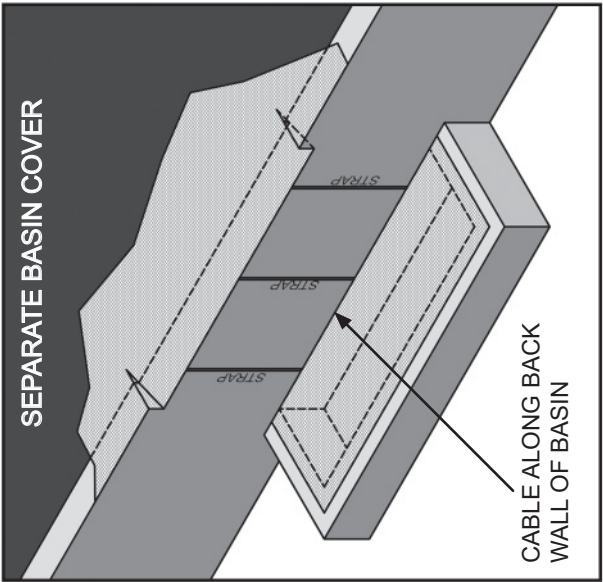
Appendix D - Negative Edge

Figure D-1  
NEGATIVE EDGE



NEGATIVE EDGE MEASUREMENTS		
DESCRIPTION	LETTER	MEASUREMENT
WIDTH OF WEIR WALL	'A'	
DROPS OF WEIR WALL FROM POOL COPING	'B'	
	'C'	
DROP FROM COPING TO TOP OF BASIN	'D'	
WIDTH OF BASIN FROM WEIR WALL	'E'	
*DROP OF BASIN	* 'F'	
WIDTH OF CATCH BASIN COPING	'G'	
	'H'	
	'J'	
	'K'	
WIDTH OF NEGATIVE EDGE	'L'	

\* IF BASIN IS FLUSH WITH GROUND NO DIMENSION IS NEEDED.



COVER OPTIONS

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Dealer Name \_\_\_\_\_  
Customer Name \_\_\_\_\_  
Date \_\_\_\_\_

**Appendix D - Negative Edge continued**

1. WHAT ARE THE SURFACE AREAS COMPOSED OF:

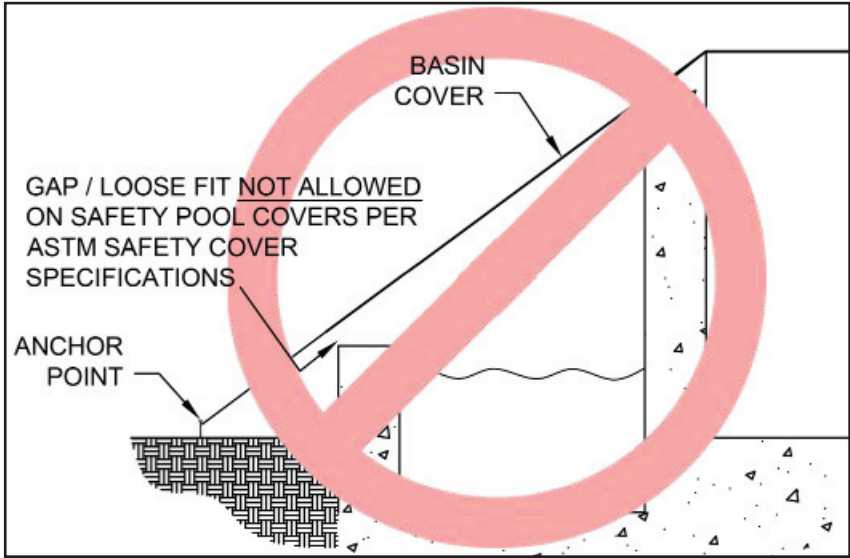
		CAN BE ANCHORED INTO
WEIR WALL	_____	Y / N
BASIN WALL	_____	Y / N
BASIN COPING	_____	Y / N
GROUND	_____	Y / N
OTHER	_____	Y / N
2. OPTION SELECTED:

a. ONE PIECE COVER

☐

b. SEPARATE BASIN COVER

☐





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**Appendix E**

Dealer Name \_\_\_\_\_

Customer Name \_\_\_\_\_

Date \_\_\_\_\_

**PROVIDE SKETCH OF POOL BELOW**

**ADDITIONAL NOTES OR COMMENTS:**

**Failure to provide all information requested will extend the order process and may result in return trips to the pool for further information.**

**Appendix E continued**

**A-B TABLE**

REFERENCE DIMENSIONS

Dealer Name \_\_\_\_\_

Customer Name \_\_\_\_\_

Date \_\_\_\_\_

	A	B
1		
2		
3		
4		
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	A	B
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	A	B
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R		
S		
T		
U		
V		
W		
X		
Y		
Z		
AA		
AB		
AC		
AD		

Distance between A and B points: \_\_\_\_\_

**LENGTH AND WIDTHS:**

(THIS HELPS DETECT MEASURE PROBLEMS)

FROM PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_  
 PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_  
 PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_  
 PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_  
 PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_  
 PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_

**OBSTRUCTIONS:**

\_\_\_\_\_ AT PT \_\_\_\_\_ TO PT \_\_\_\_\_  
 (OBSTRUCTION)  
 \_\_\_\_\_ AT PT \_\_\_\_\_ TO PT \_\_\_\_\_  
 (OBSTRUCTION)  
 \_\_\_\_\_ AT PT \_\_\_\_\_ TO PT \_\_\_\_\_  
 (OBSTRUCTION)  
 \_\_\_\_\_ AT PT \_\_\_\_\_ TO PT \_\_\_\_\_  
 (OBSTRUCTION)  
 \_\_\_\_\_ AT PT \_\_\_\_\_ TO PT \_\_\_\_\_  
 (OBSTRUCTION)  
 \_\_\_\_\_ AT PT \_\_\_\_\_ TO PT \_\_\_\_\_  
 (OBSTRUCTION)

**Failure to provide all information requested will extend the order process and may result in return trips to the pool for further information.**

**Appendix E continued**

**A-B TABLE cont'd**

REFERENCE DIMENSIONS

Dealer Name \_\_\_\_\_

Customer Name \_\_\_\_\_

Date \_\_\_\_\_

	A	B
61		
62		
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AQ		
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AU		
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AZ		
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BC		
BD		
BE		
BF		
BG		
BH		

**LENGTH AND WIDTHS:**

(THIS HELPS DETECT MEASURE PROBLEMS)

FROM PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_  
 PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_  
 PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_  
 PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_  
 PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_  
 PT \_\_\_\_\_ TO PT \_\_\_\_\_ = \_\_\_\_\_

**OBSTRUCTIONS:**

\_\_\_\_\_ AT PT \_\_\_\_\_ TO PT \_\_\_\_\_  
 (OBSTRUCTION)  
 \_\_\_\_\_ AT PT \_\_\_\_\_ TO PT \_\_\_\_\_  
 (OBSTRUCTION)  
 \_\_\_\_\_ AT PT \_\_\_\_\_ TO PT \_\_\_\_\_  
 (OBSTRUCTION)  
 \_\_\_\_\_ AT PT \_\_\_\_\_ TO PT \_\_\_\_\_  
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 (OBSTRUCTION)