SETTING THE FIRST COURSE

1. Always start the base course at the lowest elevation of the wall, if possible. In the case of a base elevation that varies, refer to **Figure C**. LondonBoulder recommends a two block overlap when stepping up from one course to the next.

2. Place the first course of LondonBoulders directly on the leveling base pad, check to ensure that they are properly aligned and leveled. The bottom surface of each unit should be in full contact with the base. If units have lugs, removing them may be preferred prior to placing as base course. Adjacent units should be in contact with one another at the front face if constructing a retaining wall, and along all inside edges if constructing a partition wall (this is accomplished by reversing every other trapezoidal unit inside the two end units).

3. Alignment of a straight wall may be best achieved by using a string line or laser level on the machined edge of the blocks. If building a convex or concave wall, it may be helpful to run a radius string from an established center point. **See Figure B** for minimum radius information.

4. Place perforated or slotted PVC or corrugated HDPE pipe behind the course providing the optimal drainage of LondonBoulder units. LondonBoulder recommends that the drain pipe be at least 4" in diameter and surrounded by a minimum of 1 foot of drainage stone. In special situations where water and drainage play a bigger role in the design, “weep holes”, larger drainage stone, larger drain pipe with sock, and/or filter fabric behind the drainage stone may be warranted. Contact a P.E. for recommendations and details.

TOP VIEW - CURVED RETAINING WALL

Minimum Convex Radius with Setback

Courses	R (*)
1	10'-09"
2	11'-05"
3	12'-00"
4	12'-08"
5	13'-04"
6	14'-00"
7	14'-07"
8	15'-03"
9	15'-11"
10	16'-07"
11	17'-03"
12	17'-10"
13	18'-06"
14	19'-02"
15	19'-10"
16	20'-06"

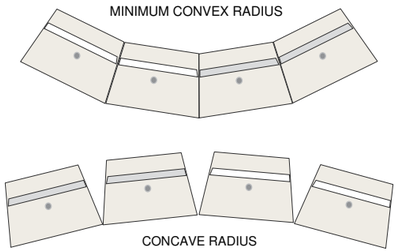


Figure B (*) Top course or one-course wall leave a 1/4" gap at the back of the block.

TYPICAL STEPPING-UP BOULDER CONSTRUCTION DETAIL

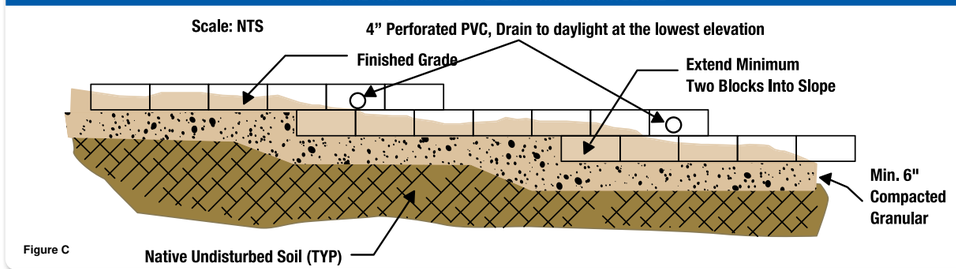


Figure C

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PRODUCT
London Boulder
DRAWING
Installation: Setting The First Course

WEIGHT

DRAWING NO.

DATE
As per drawing

SHEET
09 of 14

UNITS / SCALE
As per drawing

Request A Quote

Dimensions and specifications as per drawing. Confirm handling weights before lifting.
trikonprecast.com