<table>
<thead>
<tr>
<th>Description</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>24&quot; BASE</td>
<td>24B</td>
</tr>
<tr>
<td>39&quot; BASE</td>
<td>39B</td>
</tr>
<tr>
<td>45&quot; BASE</td>
<td>45B</td>
</tr>
<tr>
<td>60&quot; BASE</td>
<td>60B</td>
</tr>
<tr>
<td>66&quot; BASE</td>
<td>66B</td>
</tr>
<tr>
<td>72&quot; BASE</td>
<td>72B</td>
</tr>
<tr>
<td>78&quot; BASE</td>
<td>78B</td>
</tr>
<tr>
<td>84&quot; BASE</td>
<td>84B</td>
</tr>
<tr>
<td>24&quot; MIDDLE</td>
<td>24M</td>
</tr>
<tr>
<td>39&quot; MIDDLE</td>
<td>39M</td>
</tr>
<tr>
<td>45&quot; MIDDLE</td>
<td>45M</td>
</tr>
<tr>
<td>60&quot; MIDDLE</td>
<td>60M</td>
</tr>
<tr>
<td>66&quot; MIDDLE</td>
<td>66M</td>
</tr>
<tr>
<td>72&quot; MIDDLE</td>
<td>72M</td>
</tr>
<tr>
<td>78&quot; MIDDLE</td>
<td>78M</td>
</tr>
<tr>
<td>84&quot; MIDDLE</td>
<td>84M</td>
</tr>
<tr>
<td>24&quot; TOP</td>
<td>24T</td>
</tr>
<tr>
<td>39&quot; TOP</td>
<td>39T</td>
</tr>
<tr>
<td>24&quot; HALF</td>
<td>24H</td>
</tr>
<tr>
<td>39&quot; HALF</td>
<td>39H</td>
</tr>
<tr>
<td>HALF TOP - 24&quot;</td>
<td>HT</td>
</tr>
<tr>
<td>LEFT CORNER TOP</td>
<td>LCT</td>
</tr>
<tr>
<td>RIGHT CORNER TOP</td>
<td>RCT</td>
</tr>
<tr>
<td>SLOPED LEFT CORNER TOP</td>
<td>SLCT</td>
</tr>
<tr>
<td>SLOPED RIGHT CORNER TOP</td>
<td>SRCT</td>
</tr>
<tr>
<td>REVERSIBLE CORNER</td>
<td>C</td>
</tr>
<tr>
<td>FITTING - 24&quot;</td>
<td>FIT24</td>
</tr>
<tr>
<td>FITTING - 39&quot;</td>
<td>FIT39</td>
</tr>
</tbody>
</table>
NOTES:
1. LEVELING PAD SHOULD BE AS SPECIFIED BY THE DESIGN ENGINEER IN THE PROJECT PLAN SET.
2. THE WIDTH OF THE LEVELING PAD MUST EXTEND 6" (MINIMUM) IN FRONT AND 6" (MINIMUM) IN BACK OF THE BASE BLOCK. AS A RESULT THE TYPICAL WIDTH OF LEVELING PAD WOULD BE:
   - 24" DEEP BASE BLOCK...LEVELING PAD WIDTH IS 36"
   - 39" DEEP BASE BLOCK...LEVELING PAD WIDTH IS 51"
   - 45" DEEP BASE BLOCK...LEVELING PAD WIDTH IS 57"
   - 60" DEEP BASE BLOCK...LEVELING PAD WIDTH IS 72"
   - 66" DEEP BASE BLOCK...LEVELING PAD WIDTH IS 78"
   - 72" DEEP BASE BLOCK...LEVELING PAD WIDTH IS 84"
   - 78" DEEP BASE BLOCK...LEVELING PAD WIDTH IS 90"
   - 84" DEEP BASE BLOCK...LEVELING PAD WIDTH IS 96"
3. SET THE BASE BLOCK AND CHECK FOR LEVEL FROM FRONT TO BACK.
4. EMBEDMENT SHOULD BE THE GREATER OF 6" OR H/20 FOR WALLS WITH LEVEL GRADE AT THE TOE. REFER TO RECON'S EMBEDMENT RECOMMENDATION DOCUMENT FOR ADDITIONAL INFORMATION FOR WALLS WITH A TOE SLOPE CONDITION.
5. COMPACTION TO THE SPECIFIED EMBEDMENT DEPTH SHALL BE DONE IN FRONT OF THE BASE BLOCK BEFORE COMPACTION IS DONE BEHIND THE BASE BLOCK. THIS REDUCES THE CHANCE THAT COMPACTION BEHIND THE BASE BLOCK WILL ROLL THE BASE BLOCK FORWARD.
6. SEE BLOCK SPECIFICATION & INSTALLATION INSTRUCTIONS FOR MORE DETAILS.

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**EMBEDMENT SHOULD BE THE GREATER OF 6" OR H/20 FOR WALLS WITH LEVEL GRADE AT THE TOE. REFER TO RECON'S EMBEDMENT RECOMMENDATION DOCUMENT FOR ADDITIONAL INFORMATION FOR WALLS WITH A TOE SLOPE CONDITION.

**EMBEDMENT**

**EMBEDMENT**

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FINISHED GRADE AT TOP OF WALL SHALL BE DESIGNED FOR PROPER DRAINAGE TO PREVENT PONDING. SEE DRAWING #304 FOR ADDITIONAL INFORMATION.

MIN. 12" DRAINAGE ZONE
(¾" CRUSHED STONE)

8" LOW PERMEABLE SOIL

REINFORCED SOIL

RETIRED SOIL

APPROXIMATE LIMITS OF EXCAVATION

1:1 BENCH CUT RECOMMENDED

APPROXIMATE LIMITS OF EXCAVATION VARY WHERE SUBCUT IS REQUIRED

SUBCUT TO A DEPTH "D" AS REQUIRED AND REPLACE WITH SUITABLE COMPACTED STRUCTURAL FILL TO ACHIEVE THE REQUIRED BEARING CAPACITY AND SLIDING RESISTANCE AS DIRECTED BY THE SITE GEOTECHNICAL ENGINEER. ALL STRUCTURAL FILL SHALL BE COMPACTED TO A MIN. 95% STANDARD PROCTOR DENSITY.

UNREINFORCED CONCRETE OR CRUSHED STONE LEVELING PAD (6" MIN. THICKNESS)

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NOTE:

GEOGRID PLACEMENT / ORIENTATION

PLACE ADDITIONAL GRID WHEN GAP ANGLE EXCEEDS 20°

3" OF SOIL FILL IS REQUIRED BETWEEN OVERLAPPING GRID LAYERS

GEOGRID INSTALLATION ON CURVES

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The minimum radius on the base row of a single course wall is 15'-0". See chart for minimum radius of the top row for varying wall heights.

**Minimum Radius Table**

<table>
<thead>
<tr>
<th>Wall Height</th>
<th>Number of Rows of Block</th>
<th>Minimum Radius Top Row</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'-8&quot;</td>
<td>2</td>
<td>15'-2&quot;</td>
</tr>
<tr>
<td>4'-0&quot;</td>
<td>3</td>
<td>15'-4&quot;</td>
</tr>
<tr>
<td>5'-4&quot;</td>
<td>4</td>
<td>15'-6&quot;</td>
</tr>
<tr>
<td>6'-8&quot;</td>
<td>5</td>
<td>15'-8&quot;</td>
</tr>
<tr>
<td>8'-0&quot;</td>
<td>6</td>
<td>15'-10&quot;</td>
</tr>
<tr>
<td>9'-4&quot;</td>
<td>7</td>
<td>16'-0&quot;</td>
</tr>
<tr>
<td>10'-8&quot;</td>
<td>8</td>
<td>16'-2&quot;</td>
</tr>
<tr>
<td>12'-0&quot;</td>
<td>9</td>
<td>16'-4&quot;</td>
</tr>
</tbody>
</table>

Note: The minimum base row radius for a concave / inside curve using the full block shall be no smaller than 15'-0" for a single course wall. The radius for each successive row will increase by 2" per course of block added to account for setback. See block specification and installation instructions for additional details.
THE MINIMUM RADIUS ON THE BASE ROW OF A SINGLE COURSE WALL IS 8'-0". SEE CHART FOR MINIMUM RADIUS OF THE TOP ROW FOR VARYING WALL HEIGHTS.

### MINIMUM CONCAVE / INSIDE RADIUS

**FOR HALF BLOCK - PLAN VIEW**

<table>
<thead>
<tr>
<th>FULL TOP</th>
<th>HALF TOP</th>
<th>TOP</th>
<th>HALF TOP</th>
<th>TOP</th>
<th>HALF TOP</th>
<th>TOP</th>
<th>HALF TOP</th>
<th>FULL TOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>FITTING BLOCK</td>
<td>HALF</td>
<td>HALF</td>
<td>TOP</td>
<td>TOP</td>
<td>TOP</td>
<td>TOP</td>
<td>FITTING BLOCK</td>
</tr>
</tbody>
</table>

NOTE: TO ESTABLISH PROPER RUNNING BOND WHEN USING THE HALF BLOCKS THROUGH THE CURVE, IT IS RECOMMENDED THAT A FITTING BLOCK TRIMMED TO 36" IN LENGTH BE INSTALLED EVERY OTHER COURSE AS SHOWN. INSTALL FITTING BLOCK AT BEGINNING AND END OF BLOCKS CREATING CURVE.

### MINIMUM CONCAVE / INSIDE RADIUS

**FOR HALF BLOCK - PROFILE VIEW**

<table>
<thead>
<tr>
<th>WALL HEIGHT</th>
<th>NUMBER OF ROWS OF BLOCK</th>
<th>MINIMUM RADIUS TOP ROW</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'-8&quot;</td>
<td>2</td>
<td>8'-2&quot;</td>
</tr>
<tr>
<td>4'-0&quot;</td>
<td>3</td>
<td>8'-4&quot;</td>
</tr>
<tr>
<td>5'-4&quot;</td>
<td>4</td>
<td>8'-6&quot;</td>
</tr>
<tr>
<td>6'-8&quot;</td>
<td>5</td>
<td>8'-8&quot;</td>
</tr>
<tr>
<td>8'-0&quot;</td>
<td>6</td>
<td>8'-10&quot;</td>
</tr>
<tr>
<td>9'-4&quot;</td>
<td>7</td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>10'-8&quot;</td>
<td>8</td>
<td>9'-2&quot;</td>
</tr>
<tr>
<td>12'-0&quot;</td>
<td>9</td>
<td>9'-4&quot;</td>
</tr>
</tbody>
</table>

NOTE: THE MINIMUM BASE ROW RADIUS FOR A CONCAVE / INSIDE CURVE USING THE HALF BLOCK SHALL BE NO SMALLER THAN 8'-0" FOR A SINGLE COURSE WALL. THE RADIUS FOR EACH SUCCESSIVE ROW WILL INCREASE BY 2" PER COURSE OF BLOCK ADDED TO ACCOUNT FOR SETBACK. SEE BLOCK SPECIFICATION AND INSTALLATION INSTRUCTIONS FOR ADDITIONAL DETAILS.

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THE MINIMUM RADIUS ON THE BASE ROW OF A SINGLE COURSE WALL IS 13'-1". SEE CHART FOR RECOMMENDED MINIMUM BASE ROW RADIUS FOR VARYING WALL HEIGHTS.

<table>
<thead>
<tr>
<th>WALL HEIGHT</th>
<th>NUMBER OF ROWS OF BLOCK</th>
<th>MINIMUM RADIUS BASE ROW</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'-8&quot;</td>
<td>2</td>
<td>14'-0&quot;</td>
</tr>
<tr>
<td>4'-0&quot;</td>
<td>3</td>
<td>14'-6&quot;</td>
</tr>
<tr>
<td>5'-4&quot;</td>
<td>4</td>
<td>15'-0&quot;</td>
</tr>
<tr>
<td>6'-8&quot;</td>
<td>5</td>
<td>15'-6&quot;</td>
</tr>
<tr>
<td>8'-0&quot;</td>
<td>6</td>
<td>16'-0&quot;</td>
</tr>
<tr>
<td>9'-4&quot;</td>
<td>7</td>
<td>16'-6&quot;</td>
</tr>
<tr>
<td>10'-8&quot;</td>
<td>8</td>
<td>17'-0&quot;</td>
</tr>
<tr>
<td>12'-0&quot;</td>
<td>9</td>
<td>17'-6&quot;</td>
</tr>
</tbody>
</table>

NOTE: THE MINIMUM RADIUS FOR A CONVEX / OUTSIDE CURVE USING THE FULL BLOCK SHALL BE NO SMALLER THAN 13'-1" FOR A SINGLE COURSE WALL. FOR CURVED WALLS WITH MULTIPLE ROWS OF BLOCK, THE RADIUS OF THE BASE COURSE MUST BE INCREASED TO ACCOMMODATE THE SETBACK (TIGHTENING OF THE RADIUS) IN EACH ROW OF BLOCK. THE TABLE ABOVE GIVES RECOMMENDED MINIMUM BASE ROW RADIUSES FOR VARYING WALL HEIGHTS. SEE BLOCK SPECIFICATION AND INSTALLATION INSTRUCTIONS FOR ADDITIONAL DETAILS.
THE MINIMUM RADIUS ON THE BASE ROW OF A SINGLE COURSE WALL IS 7'-6". SEE CHART FOR RECOMMENDED MINIMUM BASE ROW RADIUS FOR VARYING WALL HEIGHTS.

### Minimum Convex / Outside Radius for Half Block - Plan View

![Diagram of half block retaining wall](image)

### Minimum Convex / Outside Radius Table

<table>
<thead>
<tr>
<th>Wall Height</th>
<th>Number of Rows of Block</th>
<th>Minimum Radius Base Row</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'-8&quot;</td>
<td>2</td>
<td>8'-0&quot;</td>
</tr>
<tr>
<td>4'-0&quot;</td>
<td>3</td>
<td>8'-6&quot;</td>
</tr>
<tr>
<td>5'-4&quot;</td>
<td>4</td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>6'-8&quot;</td>
<td>5</td>
<td>9'-6&quot;</td>
</tr>
<tr>
<td>8'-0&quot;</td>
<td>6</td>
<td>10'-0&quot;</td>
</tr>
<tr>
<td>9'-4&quot;</td>
<td>7</td>
<td>10'-6&quot;</td>
</tr>
<tr>
<td>10'-8&quot;</td>
<td>8</td>
<td>11'-0&quot;</td>
</tr>
<tr>
<td>12'-0&quot;</td>
<td>9</td>
<td>11'-6&quot;</td>
</tr>
</tbody>
</table>

NOTE: THE MINIMUM RADIUS FOR A CONVEX / OUTSIDE CURVE USING THE HALF BLOCK SHALL BE NO SMALLER THAN 7'-6" FOR A SINGLE COURSE WALL. FOR CURVED WALLS WITH MULTIPLE ROWS OF BLOCK, THE RADIUS OF THE BASE COURSE MUST BE INCREASED TO ACCOMMODATE THE SETBACK (TIGHTENING OF THE RADIUS) IN EACH ROW OF BLOCK. THE TABLE ABOVE GIVES RECOMMENDED MINIMUM BASE ROW RADIUS FOR VARYING WALL HEIGHTS. SEE BLOCK SPECIFICATION AND INSTALLATION INSTRUCTIONS FOR ADDITIONAL DETAILS.

NOTE: TO ESTABLISH PROPER RUNNING BOND WHEN USING THE HALF BLOCKS THROUGH THE CURVE, IT IS RECOMMENDED THAT A FITTING BLOCK TRIMMED TO 36" IN LENGTH BE INSTALLED EVERY OTHER COURSE AS SHOWN. INSTALL FITTING BLOCK AT BEGINNING AND END OF BLOCKS CREATING CURVE.

---

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NOTE: BLOCK MUST BE PLACED ON A MINIMUM 6" THICK LEVELING PAD CONSISTING OF \(\frac{3}{4}\)" CRUSHED STONE, CLASS 5, OR LEAN CONCRETE AS SPECIFIED IN THE SITE SPECIFIC PLANS DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER. GENERALLY THE LEVELING PAD BASE MATERIAL MUST BE COMPACTED TO 95% OF STANDARD PROCTOR DENSITY.

THERE IS 24" OF TEXTURE ON THE END OF THIS BLOCK RUNNING BACK INTO GRADE

** CONCRETE "SHIM" SEE NOTE BELOW

LEFT CORNER TOP BLOCK TOP BLOCK TOP BLOCK TOP BLOCK TOP BLOCK TOP BLOCK

MIDDLE BLOCK MIDDLE BLOCK MIDDLE BLOCK MIDDLE BLOCK MIDDLE BLOCK MIDDLE BLOCK

BASE BLOCK BASE BLOCK BASE BLOCK BASE BLOCK BASE BLOCK BASE BLOCK

STANDARD TOP OF WALL STEP UP

** NOTE: A CONCRETE "SHIM" MUST BE PLACED BETWEEN THE TOP BLOCK AND A LEFT OR RIGHT CORNER TOP BLOCK AT EACH POINT IN THE WALL WHERE THE TOP OF WALL STEPS UP. USE A STANDARD CONCRETE MASONRY UNIT (CMU) FOR THE "SHIM". THE REQUIRED THICKNESS OF THE "SHIM" IS 7 1/2" SO THE CMU WILL NEED TO BE TRIMMED ACCORDINGLY. THE "SHIM" SHOULD BE GLUED TO BOTH THE TOP BLOCK ON WHICH IT IS PLACED AND ALSO TO THE LEFT OR RIGHT CORNER TOP BLOCK ABOVE. PL PREMIUM IS THE RECOMMENDED ADHESIVE FOR GLUING THE "SHIM" IN PLACE. ANY REMAINING VOID SPACE BETWEEN THE TOP BLOCK AND THE CORNER TOP BLOCK SHOULD BE FILLED WITH CRUSHED STONE.

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STANDARD TOP OF WALL STEP UP

RECON WALL SYSTEMS, INC.
7600 W. 27th STREET, #229
ST. LOUIS PARK, MN 55426
952-922-0027
www.reconwalls.com

DRAWING #111

THERE IS 48" OF TEXTURE ON THE END OF THIS BLOCK RUNNING BACK INTO GRADE

RIGHT CORNER TOP BLOCK

** TRIM TONGUE SEE NOTE BELOW

RCT

TOP BLOCK

TOP BLOCK

MIDDLE BLOCK

MIDDLE BLOCK

MIDDLE BLOCK

MIDDLE BLOCK

TOP BLOCK

TOP BLOCK

MIDDLE BLOCK

MIDDLE BLOCK

MIDDLE BLOCK

MIDDLE BLOCK

BASE BLOCK

BASE BLOCK

BASE BLOCK

BASE BLOCK

BASE BLOCK

BASE BLOCK

ALTERNATE TOP OF WALL STEP UP

** NOTE: APPROXIMATELY 7" OF THE TONGUE OF THE FULL MIDDLE BLOCK DIRECTLY BENEATH THE CORNER TOP BLOCK MUST BE CUT OFF. NO SHIMMING, AS SHOWN IN THE STANDARD TOP OF WALL STEP UP, IS REQUIRED.
**NOTE: SLOPED CORNER TOP BLOCKS MUST BE PLACED OVER A STANDARD TOP BLOCK, AND SUPPORTED WITH A "SHIM", AS SHOWN BELOW. PROPER INSTALLATION SHOULD RESULT IN A TOP OF WALL STEP EVERY 6- FEET.**

There is 24" of texture on the end of this block running back into grade.

**** CONCRETE "SHIM" SEE NOTE BELOW

SLOPED LEFT CORNER TOP BLOCK

SLOPED RIGHT CORNER TOP BLOCK

** CONCRETE SHIM SEE NOTE BELOW

SLOPED LEFT CORNER TOP BLOCK

SLOPED RIGHT CORNER TOP BLOCK

TOP OF WALL STEP UP
SLOPED CORNER TOP BLOCK

** ** NOTE: A CONCRETE "SHIM" MUST BE PLACED BETWEEN THE TOP BLOCK AND A SLOPED LEFT OR RIGHT CORNER TOP BLOCK AT EACH POINT IN THE WALL WHERE THE TOP OF WALL STEPS. USE A STANDARD CONCRETE MASONRY UNIT (CMU) FOR THE "SHIM". THE REQUIRED THICKNESS OF THE "SHIM" IS 5" SO THE CMU WILL NEED TO BE TRIMMED ACCORDINGLY. THE "SHIM" SHOULD BE GLUED TO BOTH THE TOP BLOCK ON WHICH IT IS PLACED AND ALSO TO THE LEFT OR RIGHT CORNER TOP BLOCK ABOVE. PL PREMIUM IS THE RECOMMENDED ADHESIVE FOR GLUING THE "SHIM" IN PLACE. ANY REMAINING VOID SPACE BETWEEN THE TOP BLOCK AND THE CORNER TOP BLOCK SHOULD BE FILLED WITH CRUSHED STONE.
NOTE: IT IS RECOMMENDED THAT THE DRAINAGE STONE ZONE BE EXPANDED IN THE CORNER TO A MINIMUM $H/2$ (OR GREATER AS SPECIFIED PER THE ENGINEER), WHERE $H$ IS EQUAL TO THE TOTAL WALL HEIGHT AT THE CORNER.

MIDDLE/BASE
(24", 39", OR 45")

REVERSIBLE CORNER BLOCK

TOP BLOCK

RIGHT CORNER TOP BLOCK

LEFT CORNER TOP BLOCK

OUTSIDE CORNER DETAIL
(24", 39", AND 45" BLOCKS)

RECON WALL SYSTEMS, INC.
7600 W. 27th STREET, #229
ST. LOUIS PARK, MN 55426
952-922-0027
www.reconwalls.com

OUTSIDE CORNER DETAIL
(24", 39", AND 45" BLOCKS)

RECON WALL SYSTEMS, INC.
7600 W. 27th STREET, #229
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NOTE: WHEN BUILDING A WALL WITH AN OUTSIDE 90° CORNER, IT IS RECOMMENDED THAT CONSTRUCTION START AT THE CORNER AND EXTEND OUTWARD FROM THIS POINT IN BOTH DIRECTIONS. THIS ALLOWS FOR PLACEMENT OF THE CORNER BLOCKS SO THAT 1" OF SET BACK CAN BE MAINTAINED IN THE WALL IN BOTH DIRECTIONS. NO BLOCK CUTTING IS REQUIRED TO MAINTAIN THE 1"OF SET BACK PER ROW OF BLOCK ASSUMING THAT BOTH ENDS OF THE WALL RUNNING AWAY FROM THE 90° CORNER RUN OUT INTO GRADE. IN LIEU OF MAINTAINING THE 1" SET BACK AFTER TURNING A 90° CORNER, YOU CAN BUILD ONE SIDE OF THE CORNER (SAVY "SIDE B") VERTICALLY WITHOUT THE 1" SET BACK PER ROW OF BLOCK. THIS WILL REQUIRE YOU TO CUT 1" OFF THE BACK OF THE TONGUE OF THE FIRST REGULAR BLOCK ADJACENT TO THE CORNER BLOCK IN EACH ROW ON SIDE B OF THE WALL. YOU CAN RE-ESTABLISH THE 1" SET BACK ON SIDE B GRADUALLY AS YOU MOVE OUT FROM THE CORNER. HOWEVER, THE ELIMINATION OF THE SET BACK MUST BE TAKEN INTO ACCOUNT IN THE DESIGN OF THE WALL BY THE REGISTERED PROFESSIONAL ENGINEER. IN EITHER CASE, DURING INSTALLATION, IT IS RECOMMENDED THAT PL PREMIUM ADHESIVE BE APPLIED TO THE TOPS OF ALL REGULAR CORNER BLOCKS PRIOR TO INSTALLING THE NEXT ROW OF BLOCK. IF ONE END OF THE WALL MUST END VERTICALLY BECAUSE IT ABUTS TO AN EXISTING VERTICAL STRUCTURE OR THE WALL HAS TWO OUTSIDE 90° CORNERS, THEN BLOCKS WILL NEED TO BE CUT TO MAINTAIN THE 1" SET BACK - IN THIS CASE REFER TO DRAWING # 116.
OUTSIDE CORNER DETAIL
60" TO 78" DEEP BLOCKS

*NOTE: THOSE BLOCK SHOWN AS *78M MAY ALSO BE 60M, 66M, OR 72M (OR BASE BLOCKS) - ALL OTHER BLOCKS SHALL BE AS SHOWN

OUTSIDE CORNER DETAIL
84" DEEP BLOCKS

NOTE: REFER TO DRAWING #113 FOR ADDITIONAL INFORMATION AND GENERAL GUIDANCE ON INSTALLATION OF OUTSIDE CORNERS

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NOTE: THE PARTIAL PROFILE SHOWN ABOVE IS INTENDED AS A REFERENCE TO DEPICT THE PROPER WAY TO DRAW AN OUTSIDE CORNER, IN PROFILE VIEW, FOR A RECON WALL. THE BLOCK DESIGNATIONS SHOWN ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO SERVE AS AN ENGINEERED SECTION.

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**Odd Row**

**Even Row**

**Top Row**

---

MIDDLE/BASE BLOCK (24" THROUGH 84"

REMOVE APPROX. 24" OF TONGUE ON BLOCK IN CORNER TO ALLOW COURSE ABOVE TO SIT LEVEL

MIDDLE/BASE BLOCK (24" THROUGH 84"

REMOVE APPROX. 24" OF TONGUE ON BLOCK IN CORNER TO ALLOW COURSE ABOVE TO SIT LEVEL

MIDDLE/BASE BLOCK (24" THROUGH 84"

REMOVE APPROX. 24" OF TONGUE ON BLOCK IN CORNER TO ALLOW COURSE ABOVE TO SIT LEVEL

REMOVE APPROX. 20" FROM TOP BLOCK LIP AS SHOWN

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NOTE: THE PARTIAL PROFILE SHOWN ABOVE IS INTENDED AS A REFERENCE TO DEPICT THE PROPER WAY TO DRAW AN INSIDE CORNER, IN PROFILE VIEW, FOR A RECON WALL. THE BLOCK DESIGNATIONS SHOWN ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO SERVE AS AN ENGINEERED SECTION.

BLOCK SHOWN IS ACTUALLY FULL BLOCK, 48-INCHES WIDE, WITH 24-INCHES BURIED IN GRADE, TYP.
NOTE: WHEN BUILDING A WALL WITH TWO OUTSIDE 90° CORNERS, EACH ROW WILL NEED TO BE 2" SHORTER THAN THE ROW BELOW, STARTING AT THE ROW ABOVE THE BASE COURSE, TO ACCOUNT FOR THE 1" SETBACK BUILT INTO THE BLOCK. USE OF FITTING BLOCKS, AS SHOWN BELOW, IS RECOMMENDED TO SAVE TIME IN CUTTING BLOCK.

<table>
<thead>
<tr>
<th>RIGHT CORNER TOP</th>
<th>TOP BLOCK</th>
<th>TOP BLOCK</th>
<th>TOP BLOCK</th>
<th>TOP BLOCK</th>
<th>TOP BLOCK CUT TO 42&quot; LENGTH</th>
<th>LEFT CORNER TOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORNER BLOCK</td>
<td>MIDDLE BLOCK</td>
<td>MIDDLE BLOCK</td>
<td>MIDDLE BLOCK</td>
<td>MIDDLE BLOCK</td>
<td>FITTING BLOCK CUT TO 44&quot; LENGTH</td>
<td>CORNER BLOCK</td>
</tr>
<tr>
<td>CORNER BLOCK</td>
<td>MIDDLE BLOCK</td>
<td>MIDDLE BLOCK</td>
<td>MIDDLE BLOCK</td>
<td>MIDDLE BLOCK</td>
<td>FITTING BLOCK CUT TO 46&quot; LENGTH</td>
<td>CORNER BLOCK</td>
</tr>
<tr>
<td>CORNER BLOCK</td>
<td>BASE BLOCK</td>
<td>BASE BLOCK</td>
<td>BASE BLOCK</td>
<td>BASE BLOCK</td>
<td>BASE BLOCK</td>
<td>CORNER BLOCK</td>
</tr>
</tbody>
</table>

DOUBLE OUTSIDE 90° CORNER PROFILE VIEW

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NOTE: WHEN BUILDING A WALL WITH ONE OUTSIDE 90° CORNER THAT ABUTS TO A VERTICAL STRUCTURE, EACH ROW WILL NEED TO BE 1" SHORTER THAN THE ROW BELOW, STARTING AT THE ROW ABOVE THE BASE COURSE, TO ACCOUNT FOR THE 1" SETBACK BUILT INTO THE BLOCK. USE OF FITTING BLOCKS, AS SHOWN BELOW, IS RECOMMENDED TO SAVE TIME IN CUTTING BLOCK.

| RIGHT CORNER TOP | TOP BLOCK CUT TO 45" LENGTH | TOP BLOCK | TOP BLOCK | TOP BLOCK | TOP BLOCK | HALF TOP BLOCK |
| CORNER BLOCK | FITTING BLOCK CUT TO 46" LENGTH | MIDDLE BLOCK | MIDDLE BLOCK | MIDDLE BLOCK | MIDDLE BLOCK |
| CORNER BLOCK | FITTING BLOCK CUT TO 47" LENGTH | MIDDLE BLOCK | MIDDLE BLOCK | MIDDLE BLOCK | MIDDLE BLOCK | HALF BLOCK |
| CORNER BLOCK | BASE BLOCK | BASE BLOCK | BASE BLOCK | BASE BLOCK | BASE BLOCK |

SINGLE OUTSIDE 90° CORNER ABUTTING TO VERTICAL STRUCTURE
PROFILE VIEW

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INSTALL HALF BLOCKS ON ALTERNATING COURSES TO CREATE A CONSTRUCTION JOINT AS SHOWN

CONSTRUCTION JOINT DETAIL
PROFILE VIEW

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**WALL ABUTTING TO EXISTING STRUCTURE**

**24" MIN**

**GEOTEXTILE FILTER FABRIC**

**EXISTING STRUCTURE OR ABUTMENT**

**24" MIN**

**GEOTEXTILE FILTER FABRIC**

**EXISTING STRUCTURE OR ABUTMENT**

**INSTALL CAULKING MATERIAL AT ABUTMENT JOINT AS REQUIRED**

**WALL THICKNESS "T" SHOULD BE SUCH THAT A GAP IS NOT CREATED BETWEEN THE FACE OF THE BLOCK AND THE BACK OF THE VERTICAL WALL DUE TO THE BATTER OF THE RECON WALL. IF GAPPING IS ANTICIPATED INCREASE WALL THICKNESS "T" OR MOVE BLOCK WALL FORWARD AS REQUIRED.**

**PARALLEL ABUTMENT**

**PLAN VIEW**

**39M**

**24T**

**39M**

**45B**

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