PICP GENERAL NOTES:


2. CARE AND SOUND JUDGEMENT MUST BE EXERCISED WHEN IMPLEMENTING ANY PICP APPLICATION ADJACENT TO OR NEAR A BELOW-GRADE STRUCTURE. THE DESIGN AND CONSTRUCTION OF ANY PICP APPLICATION MUST CONSIDER SURROUNDING STRUCTURES AND CARE MUST BE TAKEN TO NOT INTRODUCE WATER IN AN UNWANTED MANNER TO ADJACENT STRUCTURES.

3. FOR RAISED CURB APPLICATIONS, THE DESIGN ENGINEER MAY UTILIZE A CURB CUT OR SIMILAR TO CONTROL AND DIRECT OVERFLOW DRAINAGE TO A RAIN GARDEN, BIOSWALE, OR SIMILAR. THE SELECTION OF APPROPRIATE CONTROLS AND/OR MEASURES IS UP TO THE DESIGN ENGINEER. ESTABLISH CURB CONDITIONS AS APPROPRIATE FOR SITE CONDITIONS.

4. EP HENRY HAS PROVIDED THESE DETAILS AS A COURTESY TO THE PUBLIC AND THE INTENT OF THESE DETAILS IS TO DEMONSTRATE HOW EP HENRY’s PRODUCTS CAN BE USED IN PICP APPLICATIONS IN A MANNER THAT IS IN CONFORMANCE WITH ICPI’s RECOMMENDED GUIDELINES. EP HENRY ASSUMES NO LIABILITY FOR THE USE OF OUR PRODUCTS IN A MANNER FOR WHICH THEY ARE NOT INTENDED AND RECOMMENDS THAT ANY PICP APPLICATION BE REVIEWED AND APPROVED BY A QUALIFIED ENGINEER FOR OVERALL SUITABILITY AND APPROPRIATENESS PRIOR TO CONSTRUCTION.
CONCRETE EDGE RESTRAINT

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<thead>
<tr>
<th>SOIL TYPE</th>
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**TITLE:**
PERMEABLE PAVEMENT WITH FULL INFILTRATION TO SOIL SUBGRADE

**APPLICATION:**
RESIDENTIAL DRIVEWAYS

**SCALE:**
NOT TO SCALE

**DRAWING NO.:** PICP 01
TYP. NO. 8 AGGREGATE IN OPENINGS

PERMEABLE INTERLOCKING CONCRETE PAVERS
2 3/8" (60 MM) MIN. THICKNESS

PLASTIC EDGE RESTRAINT

STAKE AT 18" TO 24" ON CENTER

PROPERLY COMPACTED DENSE GRADED AGGREGATE SHOULDER 8" MIN. THICK

4 OZ. NON-WOVEN GEOTEXTILE

BEDDING COURSE 1 3/8" TO 2" (40 TO 50 mm) THICK (TYP. NO. 8 AGGREGATE)

MIN. 6" (100 MM) THICK NO. 57 STONE OPEN-GRADED BASE (SEE TABLE BELOW)

SOIL SUBGRADE - ZERO SLOPE

PLASTIC EDGE RESTRAINT

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TITLE:
PERMEABLE PAVEMENT WITH FULL INFILTRATION TO SOIL SUBGRADE

APPLICATION: RESIDENTIAL PATIOS & WALKWAYS
SCALE: NOT TO SCALE
DRAWING NO: PICP 02
TYP. NO. 8 AGGREGATE IN OPENINGS

PERMEABLE INTERLOCKING CONCRETE PAVERS
3 \( \frac{3}{4} \) (80 MM) MIN. THICKNESS

8"x12" CONCRETE FLUSH CURB

BEDDING COURSE 1 \( \frac{3}{8} \) TO 2" (40 TO 50 mm) THICK (TYP. NO. 8 AGGREGATE)

4" (100 MM) THICK NO. 57 STONE OPEN-GRATED BASE

MIN. 6" (150 MM) THICK NO. 2 STONE SUBBASE (SEE TABLE BELOW)

SOIL SUBGRADE - SLOPED 1.5% MAXIMUM

4 OZ. NON-WOVEN GEOTEXTILE ON BOTTOM AND SIDES OF OPEN-GRATED BASE

4" PERFORATED SCH. 40 PVC OUTFALL PIPE(S) SLOPED 1.5% MIN. TO STORM SEWER OR STREAM, POP UP DRAIN, RAIN HARVESTING SYSTEM, RAIN GARDEN, BIO SWALE, ETC. (PER DESIGN ENGINEER), SET PIPE ELEVATION TO MAXIMIZE AVAILABLE INFILTRATION USE RAISED OUTLET FOR DETENTION AND INFILTRATION

CONCRETE EDGE RESTRAINT

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PLASTIC EDGE RESTRAINT

SOIL TYPE  | TYPICAL CBR VALUE | HYDROLOGIC SOIL GROUP & INFILTRATION RATES | MINIMUM DEPTH STONE | STORAGE CAPACITY OF BASE | FABRIC
-------------|-------------------|---------------------------------------------|----------------------|--------------------------|-----
SILT         | 3                 | HSG C 0.06 in/hr < k < 0.57 in/hr            | 8 in                 | 2.7” EVENT               | YES
SILTY SAND   | 6                 | HSG B 0.57 in/hr < k < 1.42 in/hr            | 6 in                 | 2.0” EVENT               | OPTIONAL
SAND, GRAVEL | >10               | HSG A k > 1.42 in/hr                         | 6 in                 | 2.0” EVENT               | OPTIONAL

4" PERFORATED SCH. 40 PVC OUTFALL PIPE(S) SLOPED 1.5% MIN. TO STORM SEWER OR STREAM, POP UP DRAIN, RAIN HARVESTING SYSTEM, RAIN GARDEN, BIO SWALE, ETC. (PER DESIGN ENGINEER), SET PIPE ELEVATION TO MAXIMIZE AVAILABLE INFILTRATION USE RAISED OUTLET FOR DETENTION AND INFILTRATION

STAKE AT 18" TO 24" ON CENTER
PROPERLY COMPACTED DENSE GRADED AGGREGATE SHOULDER 8" MIN. THICK
4 OZ. NON-WOVEN GEOTEXTILE ON BOTTOM AND SIDES OF OPEN-GRADED BASE

MIN. 6" (100 MM) THICK NO. 57 STONE OPEN-GRADED BASE (SEE TABLE ABOVE)

BEDDING COURSE 1 3/4" TO 2" (40 TO 50 mm) THICK (TYP. NO. 8 AGGREGATE)

TYP. NO. 8 AGGREGATE IN OPENINGS
PERMEABLE INTERLOCKING CONCRETE PAVERS

4" PERFORATED SCH. 40 PVC OUTFALL PIPE(S) SLOPED 1.5% MIN. TO STORM SEWER OR STREAM, POP UP DRAIN, RAIN HARVESTING SYSTEM, RAIN GARDEN, BIO SWALE, ETC. (PER DESIGN ENGINEER), SET PIPE ELEVATION TO MAXIMIZE AVAILABLE INFILTRATION USE RAISED OUTLET FOR DETENTION AND INFILTRATION

PLASTIC EDGE RESTRAINT
CONCRETE EDGE RESTRAINT

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* FABRIC NOT REQ'D WITH LINER SYSTEM

PERMEABLE PAVEMENT WITH NO INFILTRATION TO SOIL SUBGRADE

APPLICATION: RESIDENTIAL DRIVEWAYS
SCALE: NOT TO SCALE
DRAWING NO: PICP 05
**PLASTIC EDGE RESTRAINT**

*FABRIC NOT REQ'D WITH LINER SYSTEM EXCEPT WHERE SHOWN*

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**BEDDING COURSE** 1 1/2" TO 2" (40 TO 50 mm) THICK (TYP. NO. 8 AGGREGATE)

**MIN. 6" (100 MM) THICK NO. 57 STONE OPEN-GRADED BASE (SEE TABLE BELOW)**

**SOIL SUBGRADE - ZERO SLOPE BELOW IMPERVIOUS LINER**

**PLACE A 4 OZ. NON-WOVEN GEOTEXTILE BETWEEN DENSE GRADED AGGREGATE AND BEDDING COURSE/BASE MATERIAL.**

**4" PERFORATED SCH. 40 PVC OUTFALL PIPE(S) SLOPED 1.5% MIN. TO STORM SEWER OR STREAM, POP UP DRAIN RAIN HARVESTING SYSTEM, RAIN GARDEN, BIO SWALE, ETC. (PER DESIGN ENGINEER) USE RAISED OUTLET FOR DETENTION AND INFILTRATION**
EDGE RESTRAINT WITH INTEGRAL GEOGRID

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TYP. NO. 8 AGGREGATE IN OPENINGS

PERMEABLE INTERLOCKING CONCRETE PAVERS
2 ⅜ (60 MM) MIN. THICKNESS INSTALL DIRECTLY ON GEOGRID

EDGE RESTRAINT

INTEGRAL GEOGRID CONNECTED TO EDGE RESTRAINT

BEDDING COURSE 1 ⅓" TO 2"
(40 TO 50 MM) THICK (TYP. NO. 8 AGGREGATE)

MIN. 6" (100 MM) THICK NO. 57 STONE OPEN-GRADED BASE (SEE TABLE BELOW)

PROPERLY COMPACTED DENSE GRADED AGGREGATEShoulder 8" MIN. THICK

4 OZ. NON-WOVEN GEOTEXTILE

SOIL SUBGRADE - ZERO SLOPE

201 Park Ave
P.O. Box 615
Woodbury, NJ 08096
(856)-845-6200
(856)-845-0023

TITLE:
PERMEABLE PAVEMENT WITH FULL INFILTRATION EDGE RESTRAINT WITH INTEGRAL GEOGRID

APPLICATION:
RESIDENTIAL PATIOS & WALKWAYS

SCALE:
NOT TO SCALE

DRAWING NO:
PICP 07
TYP. NO. 8 AGGREGATE IN OPENINGS

PERMEABLE INTERLOCKING CONCRETE PAVERS
2½" (60 MM) MIN. THICKNESS INSTALL DIRECTLY ON GEOGRID

EDGE RESTRAINT

INTEGRAL GEOGRID CONNECTED TO EDGE RESTRAINT

BEDDING COURSE 1½" TO 2" (40 TO 50 MM) THICK (TYP. NO. 8 AGGREGATE)

MIN. 6" (100 MM) THICK NO. 57 STONE OPEN-GRADED BASE (SEE TABLE BELOW)

PROPERLY COMPACTED DENSE GRADED AGGREGATE SHOULDER 8" MIN. THICK

4 OZ. NON-WOVEN GEOTEXTILE ON BOTTOM AND SIDES OF OPEN-GRADED BASE

SOIL SUBGRADE - SLOPED 1.5% MAXIMUM

4" PERFORATED SCH. 40 PVC OUTFALL PIPE(S) SLOPED 1.5% MIN. TO STORM SEWER OR STREAM, POP UP DRAIN, RAIN HARVESTING SYSTEM, RAIN GARDEN, BIO SWALE, ETC. (PER DESIGN ENGINEER). SET PIPE ELEVATION TO MAXIMIZE AVAILABLE INFILTRATION USE RAISED OUTLET FOR DETENTION AND INFILTRATION

EDGE RESTRAINT WITH INTEGRAL GEOGRID

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TITLE:
PERMEABLE PAVEMENT WITH PARTIAL INFILTRATION
EDGE RESTRAINT WITH INTEGRAL GEOGRID

APPLICATION:
RESIDENTIAL PATIOS & WALKWAYS

SCALE:
NOT TO SCALE

DRAWING NO:
PICP 08
**EDGE RESTRAINT WITH INTEGRAL GEOGRID**

*FABRIC NOT REQ'D WITH LINER SYSTEM EXCEPT WHERE SHOWN*

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**INTEGRAL GEOGRID CONNECTED TO EDGE RESTRAINT**

**BEDDING COURSE** 1 1/2" TO 2" (40 TO 50 mm) THICK (TYP. NO. 8 AGGREGATE)

**MIN. 6" (100 MM) THICK NO. 57 STONE OPEN-GRADED BASE (SEE TABLE BELOW)**

**SOIL SUBGRADE - ZERO SLOPE BELOW IMPERVIOUS LINER**

**4" PERFORATED SCH. 40 PVC OUTFALL PIPE(S) SLOPED 1.5% MIN. TO STORM SEWER OR STREAM, POP UP DRAIN RAIN HARVESTING SYSTEM, RAIN GARDEN, BIO SWALE, ETC. (PER DESIGN ENGINEER) USE RAISED OUTLET FOR DETENTION AND INFILTRATION**

**TYP. NO. 8 AGGREGATE IN OPENINGS**

**PERMEABLE INTERLOCKING CONCRETE PAVERS**

2 3/8" (60 MM) MIN. THICKNESS INSTALL DIRECTLY ON GEOGRID

**EDGE RESTRAINT**

**PROPERLY COMPACTED DENSE GRADED AGGREGATE SHOULDER**

8" MIN. THICK

**IMPERMEABLE LINER ON BOTTOM AND SIDES OF OPEN-GRADED BASE**

**PLACE A 4 OZ. NON-WOVEN GEOTEXTILE BETWEEN DENSE GRADED AGGREGATE AND BEDDING COURSE/BASE MATERIAL.**