
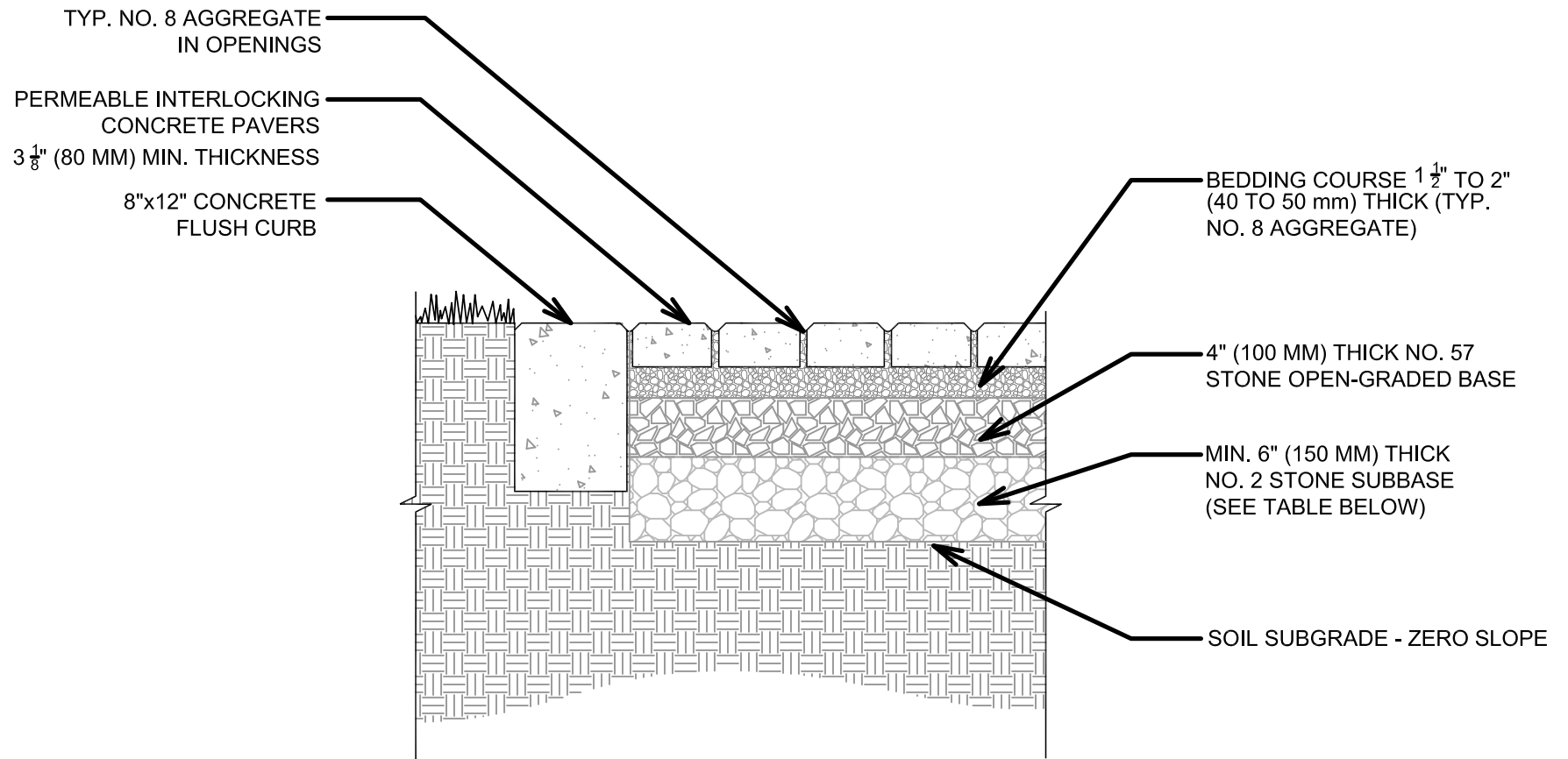


PICP GENERAL NOTES:

- 1. THESE DETAILS AND GUIDELINES ARE BASED ON THE FOLLOWING PUBLICATIONS: ICPI 's "PERMEABLE INTERLOCKING CONCRETE PAVEMENTS," 3RD EDITION, 2006; ASCE 's 58-10 "STRUCTURAL DESIGN OF INTERLOCKING CONCRETE PAVEMENT FOR MUNICIPAL STREETS AND ROADWAYS," 2010; AND THE U.S. DEPARTMENT OF AGRICULTURE, NATIONAL RESOURCE CONSERVATION SERVICE's "PART 630 - NATIONAL ENGINEERING HANDBOOK, CHAPTER 7 - HYDROLOGIC SOIL GROUPS," 2007. THE USER IS DIRECTED TO THESE PUBLICATIONS FOR ADDITIONAL INFORMATION AND A MORE COMPREHENSIVE UNDERSTANDING OF THE PROPER DESIGN AND INSTALLATION OF PICP APPLICATIONS.
- 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.

 <b>EXCELLENCE SINCE 1903</b>	201 Park Ave. P.O. Box 615 Woodbury, NJ 08096 (856)-845-6200 (856)-845-0023	TITLE: PERMEABLE PAVEMENT – GENERAL NOTES		
		APPLICATION: ALL PICP APPLICATIONS	SCALE: NOT TO SCALE	DRAWING NO: PICP 00



### CONCRETE EDGE RESTRAINT

SOIL TYPE	TYPICAL CBR VALUE	HYDROLOGIC SOIL GROUP & INFILTRATION RATES	MINIMUM DEPTH STONE SUBBASE	STORAGE CAPACITY OF BASE & SUBBASE	FABRIC
SILTY SAND	6	HSG B 0.57 in/hr < k < 1.42 in/hr	8 in	4.0" EVENT	OPTIONAL
SAND, GRAVEL	>10	HSG A k > 1.42 in/hr	6 in	3.3" EVENT	OPTIONAL

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#### TITLE:

PERMEABLE PAVEMENT WITH FULL INFILTRATION TO SOIL SUBGRADE

#### APPLICATION:

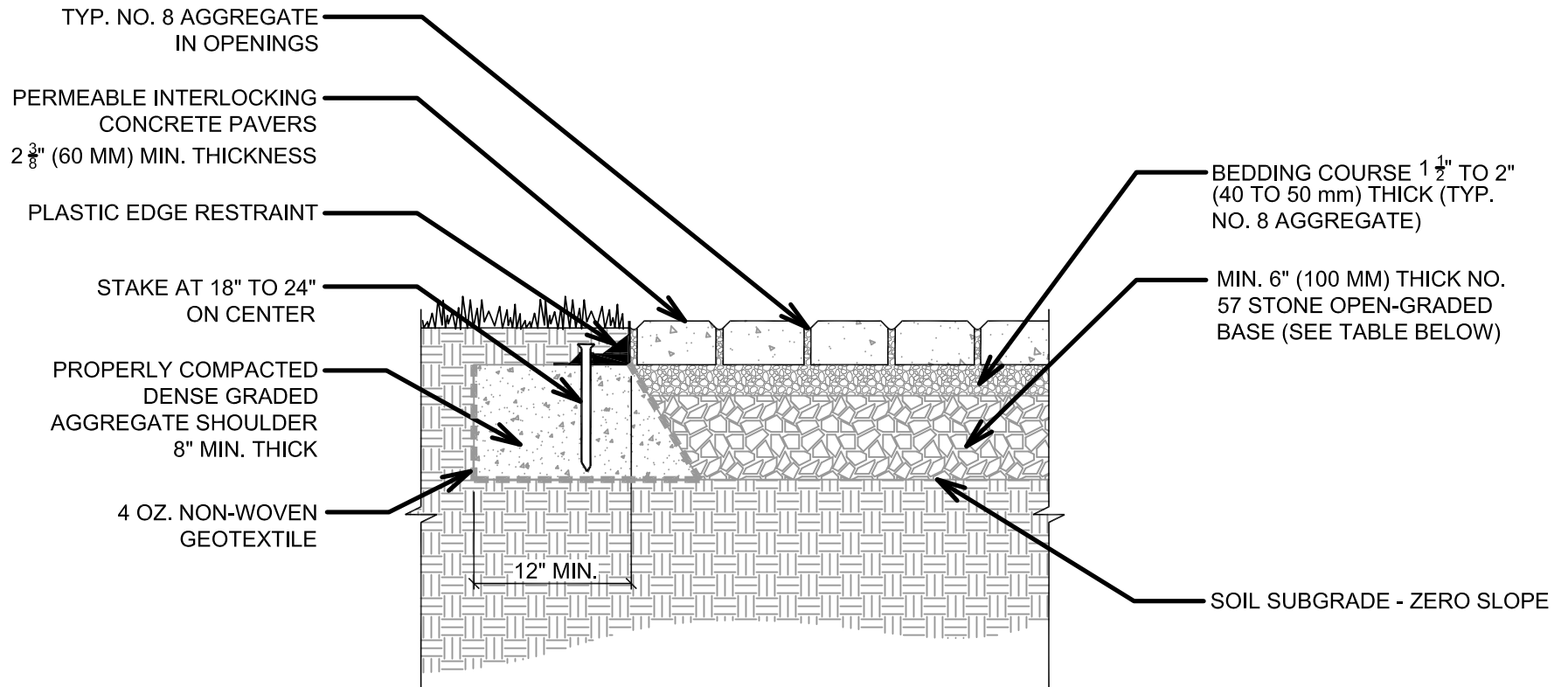
RESIDENTIAL DRIVEWAYS

#### SCALE:

NOT TO SCALE

#### DRAWING NO:

PICP 01



### PLASTIC EDGE RESTRAINT

SOIL TYPE	TYPICAL CBR VALUE	HYDROLOGIC SOIL GROUP & INFILTRATION RATES	MINIMUM DEPTH STONE BASE	STORAGE CAPACITY OF BASE	FABRIC
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

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#### TITLE:

PERMEABLE PAVEMENT WITH FULL INFILTRATION TO SOIL SUBGRADE

#### APPLICATION:

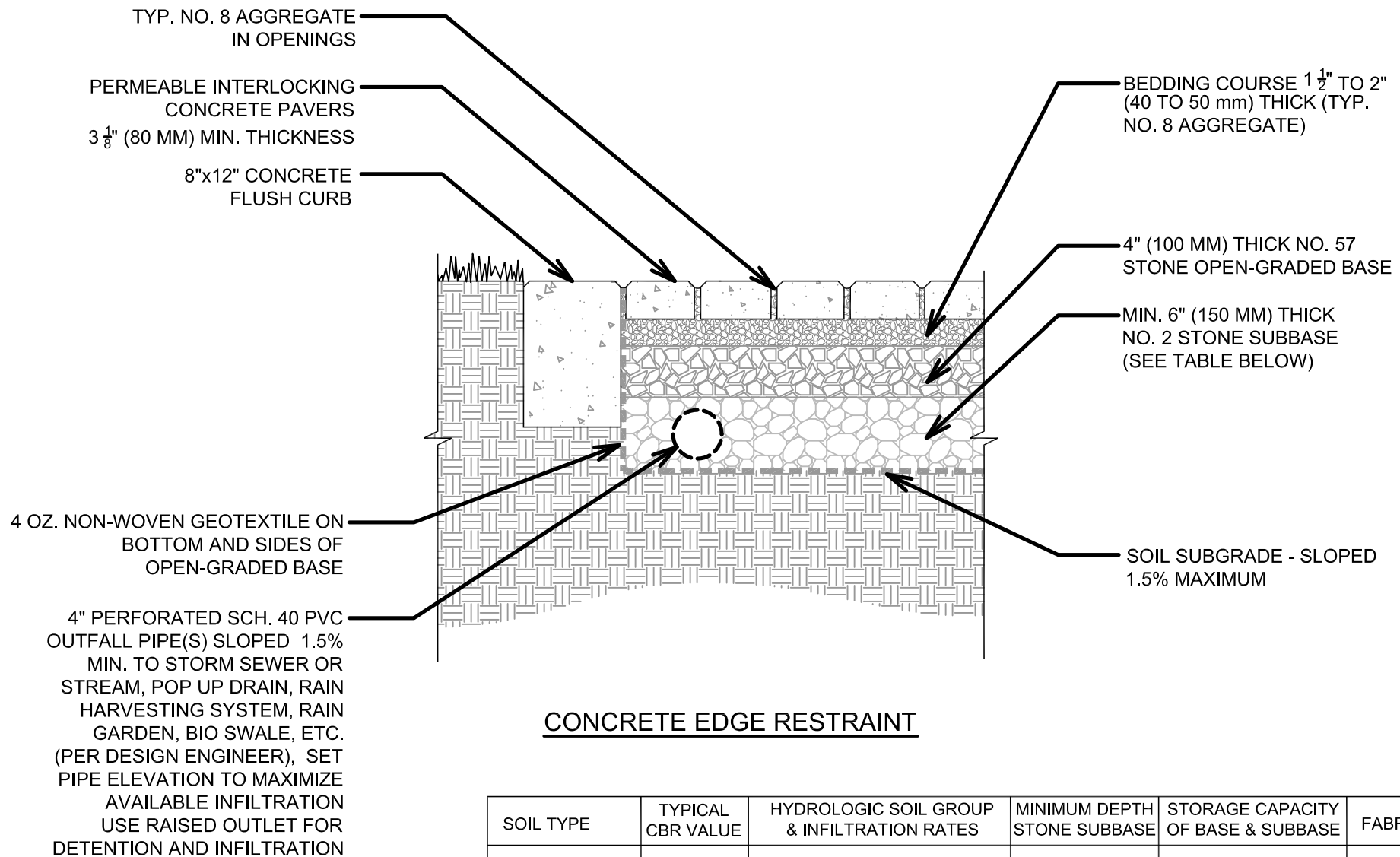
RESIDENTIAL PATIOS & WALKWAYS

#### SCALE:

NOT TO SCALE

#### DRAWING NO:

PICP 02



SOIL TYPE	TYPICAL CBR VALUE	HYDROLOGIC SOIL GROUP & INFILTRATION RATES	MINIMUM DEPTH STONE SUBBASE	STORAGE CAPACITY OF BASE & SUBBASE	FABRIC
SILT	3	HSG C 0.06 in/hr < k < 0.57 in/hr	10 in	4.7" EVENT	YES
SILTY SAND	6	HSG B 0.57 in/hr < k < 1.42 in/hr	8 in	4.0" EVENT	OPTIONAL
SAND, GRAVEL	>10	HSG A k > 1.42 in/hr	6 in	3.3" EVENT	OPTIONAL

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**TITLE:**

PERMEABLE PAVEMENT WITH PARTIAL INFILTRATION TO SOIL SUBGRADE

**APPLICATION:**

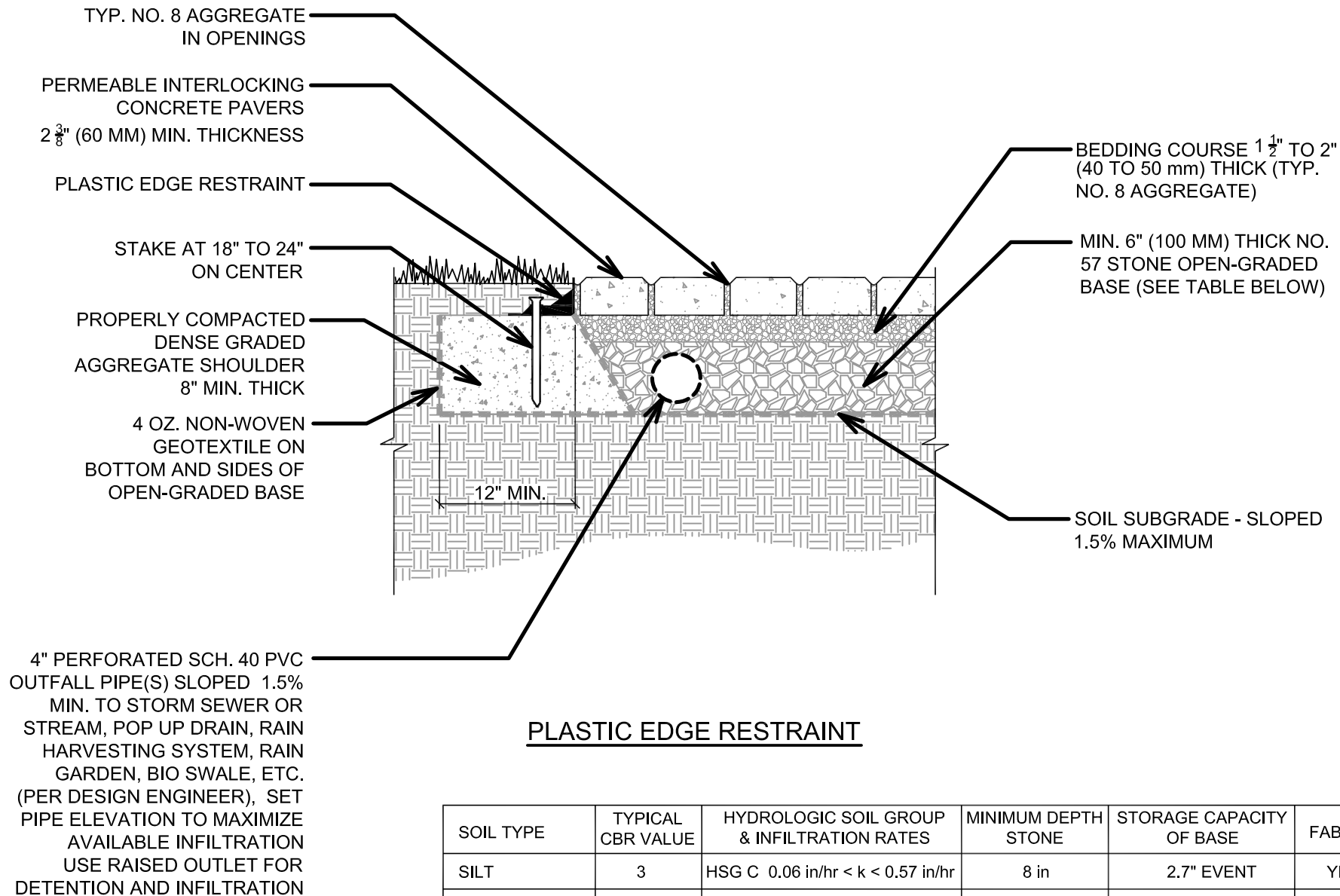
RESIDENTIAL DRIVEWAYS

**SCALE:**

NOT TO SCALE

**DRAWING NO:**

PICP 03



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

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TITLE:

PERMEABLE PAVEMENT WITH PARTIAL INFILTRATION TO SOIL SUBGRADE

APPLICATION:

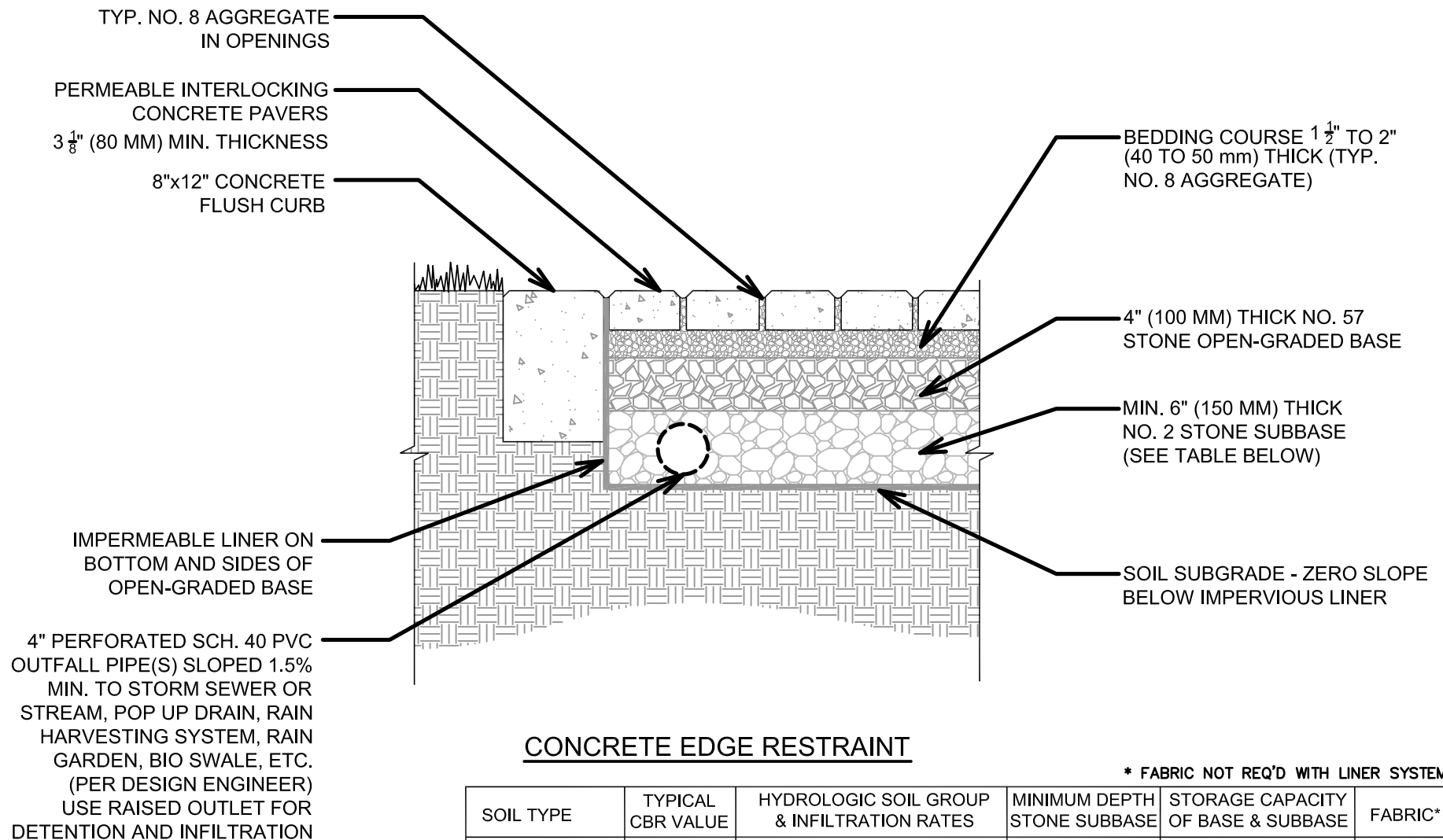
RESIDENTIAL PATIOS & WALKWAYS

SCALE:

NOT TO SCALE

DRAWING NO:

PICP 04



### CONCRETE EDGE RESTRAINT

\* FABRIC NOT REQ'D WITH LINER SYSTEM

SOIL TYPE	TYPICAL CBR VALUE	HYDROLOGIC SOIL GROUP & INFILTRATION RATES	MINIMUM DEPTH STONE SUBBASE	STORAGE CAPACITY OF BASE & SUBBASE	FABRIC*
CLAY	2	HSG D $k < 0.06$ in/hr	12 in	5.3" EVENT	NO
SILT	3	HSG C $0.06$ in/hr $< k < 0.57$ in/hr	10 in	4.7" EVENT	NO
SILTY SAND	6	HSG B $0.57$ in/hr $< k < 1.42$ in/hr	8 in	4.0" EVENT	NO
SAND, GRAVEL	>10	HSG A $k > 1.42$ in/hr	6 in	3.3" EVENT	NO

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TITLE:

PERMEABLE PAVEMENT WITH NO INFILTRATION TO SOIL SUBGRADE

APPLICATION:

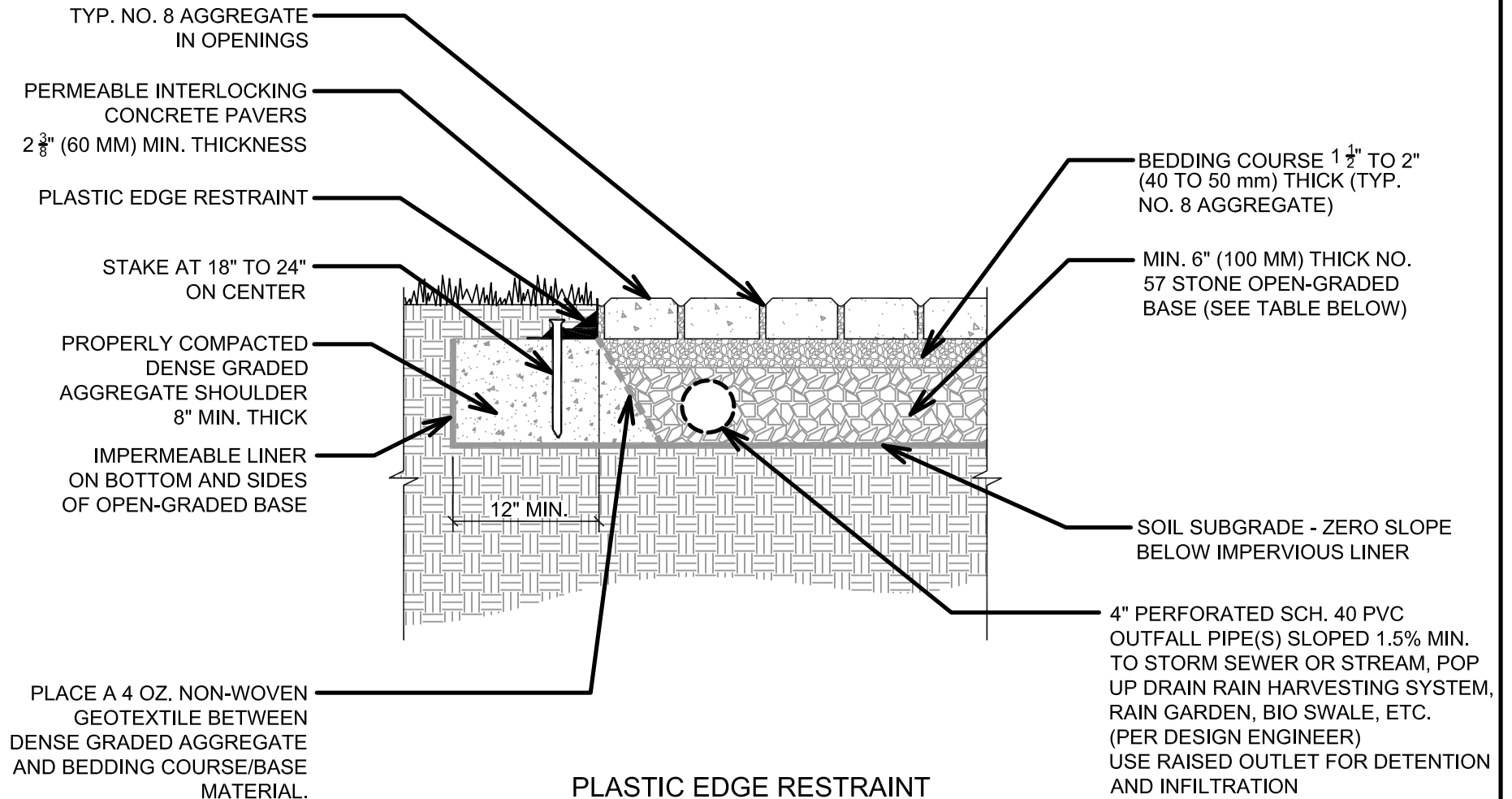
RESIDENTIAL DRIVEWAYS

SCALE:

NOT TO SCALE

DRAWING NO:

PICP 05



### PLASTIC EDGE RESTRAINT

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

SOIL TYPE	TYPICAL CBR VALUE	HYDROLOGIC SOIL GROUP & INFILTRATION RATES	MINIMUM DEPTH STONE	STORAGE CAPACITY OF BASE	FABRIC*
CLAY	2	HSG D $k < 0.06$ in/hr	8 in	2.7" EVENT	NO
SILT	3	HSG C $0.06$ in/hr $< k < 0.57$ in/hr	8 in	2.7" EVENT	NO
SILTY SAND	6	HSG B $0.57$ in/hr $< k < 1.42$ in/hr	6 in	2.0" EVENT	NO
SAND, GRAVEL	>10	HSG A $k > 1.42$ in/hr	6 in	2.0" EVENT	NO

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TITLE:

PERMEABLE PAVEMENT WITH NO INFILTRATION TO SOIL SUBGRADE

APPLICATION:

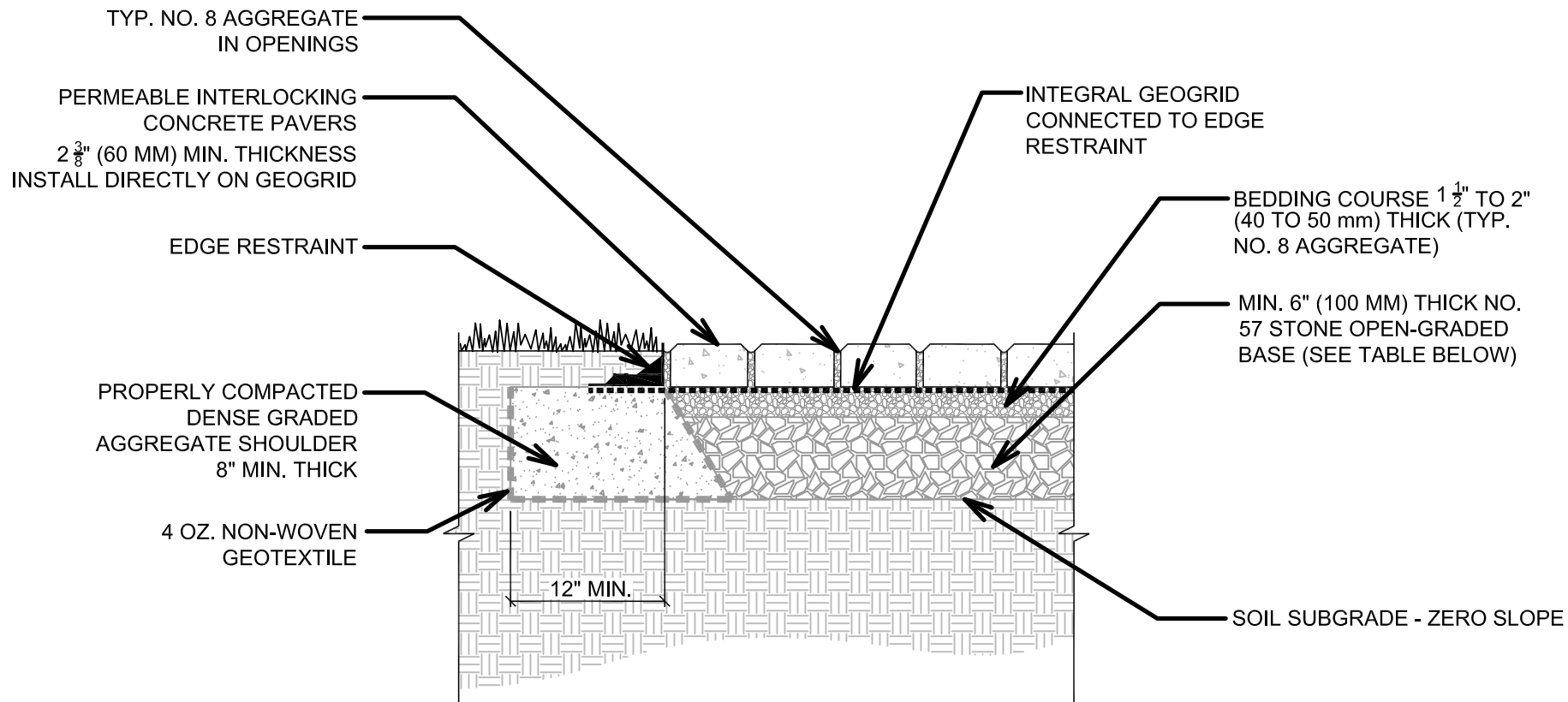
RESIDENTIAL PATIOS & WALKWAYS

SCALE:

NOT TO SCALE

DRAWING NO:

PICP 06



**EDGE RESTRAINT WITH INTEGRAL GEOGRID**

SOIL TYPE	TYPICAL CBR VALUE	HYDROLOGIC SOIL GROUP & INFILTRATION RATES	MINIMUM DEPTH STONE BASE	STORAGE CAPACITY OF BASE	FABRIC
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

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**TITLE:**

PERMEABLE PAVEMENT WITH FULL INFILTRATION  
EDGE RESTRAINT WITH INTEGRAL GEOGRID

**APPLICATION:**

RESIDENTIAL PATIOS & WALKWAYS

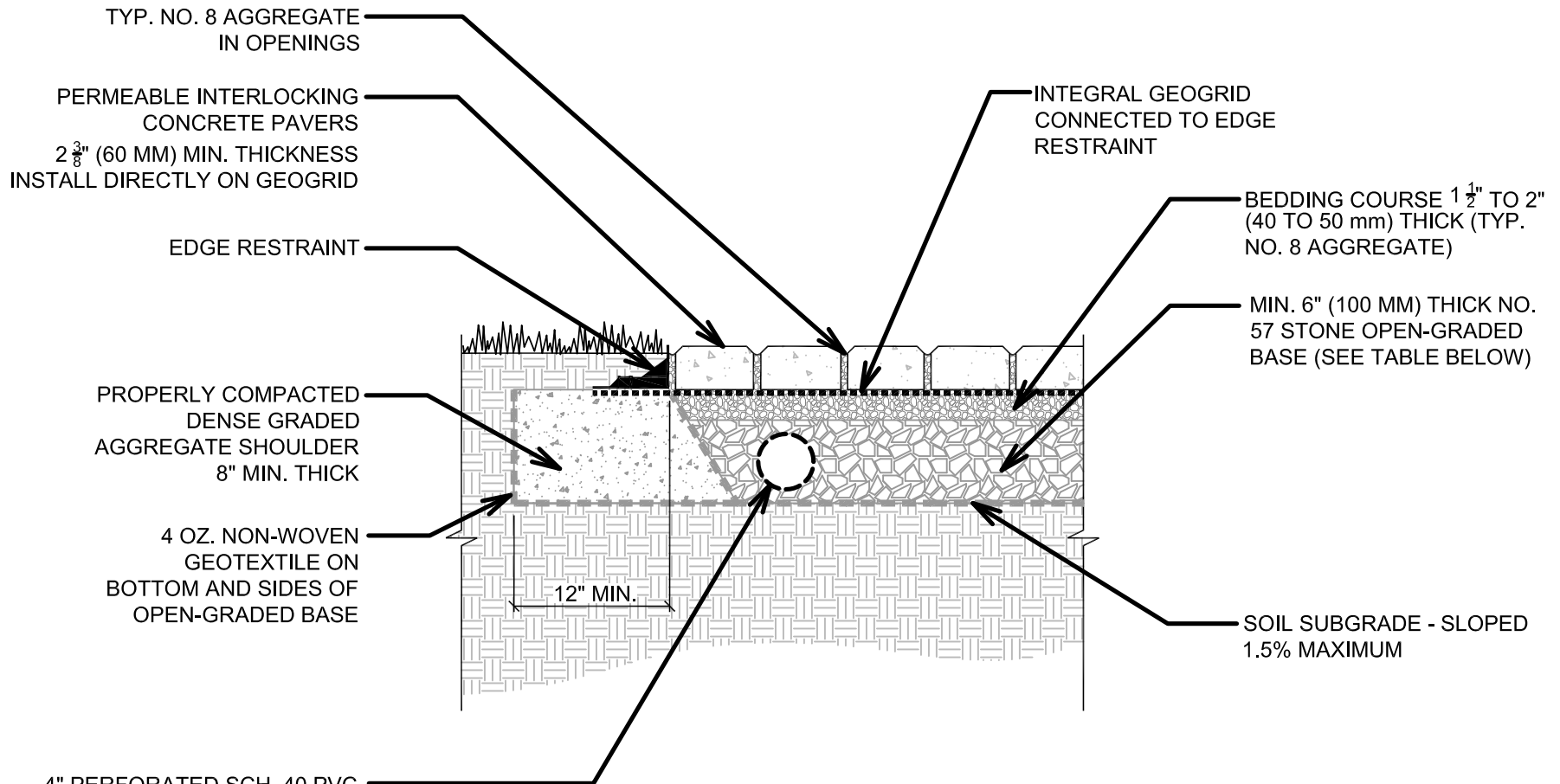
**SCALE:**

NOT TO SCALE

**DRAWING NO:**

PICP 07





### EDGE RESTRAINT WITH INTEGRAL GEOGRID

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

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#### TITLE:

PERMEABLE PAVEMENT WITH PARTIAL INFILTRATION  
EDGE RESTRAINT WITH INTEGRAL GEOGRID

#### APPLICATION:

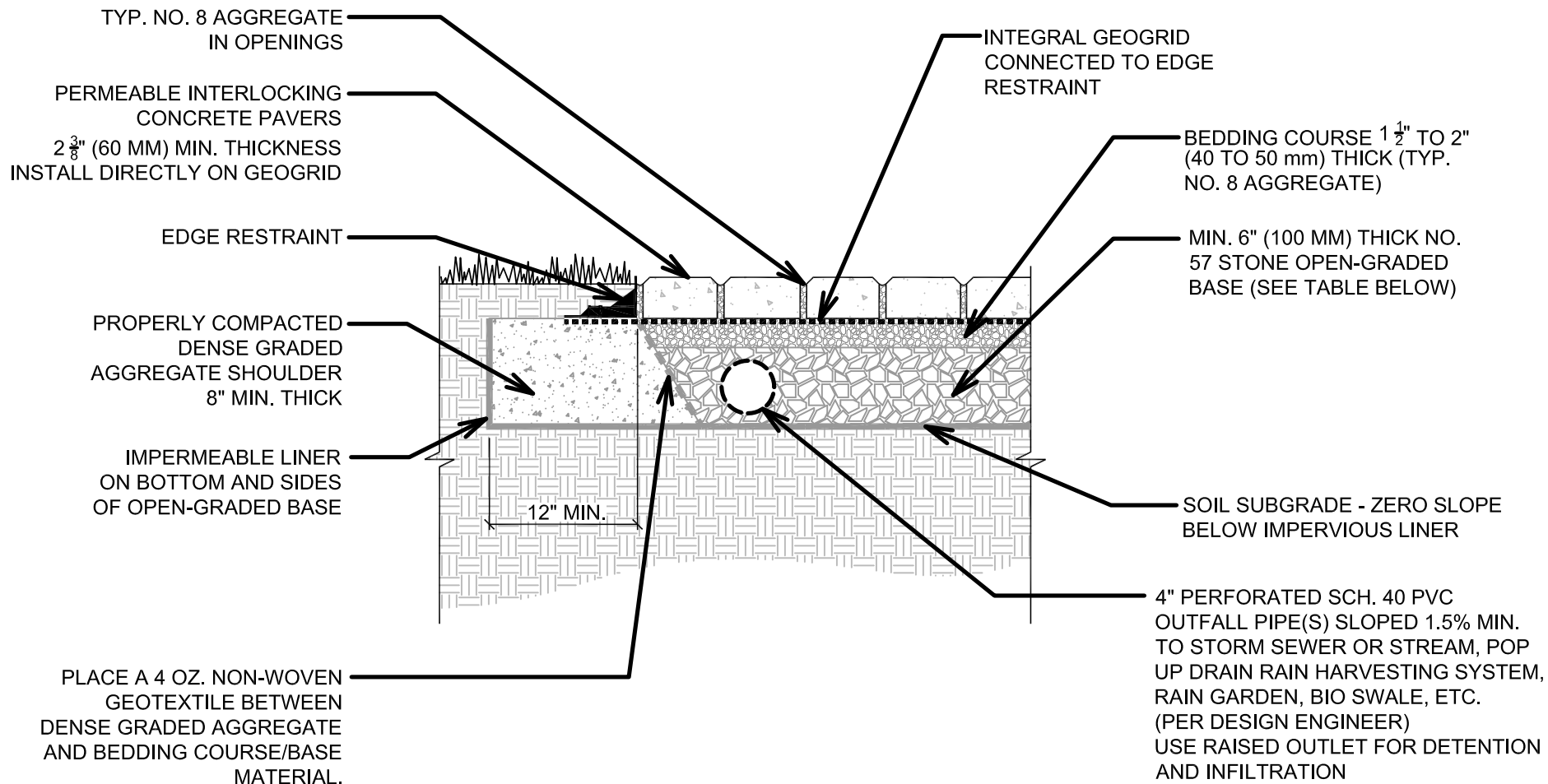
RESIDENTIAL PATIOS & WALKWAYS

#### SCALE:

NOT TO SCALE

#### DRAWING NO:

PICP 08



### EDGE RESTRAINT WITH INTEGRAL GEOGRID

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

SOIL TYPE	TYPICAL CBR VALUE	HYDROLOGIC SOIL GROUP & INFILTRATION RATES	MINIMUM DEPTH STONE	STORAGE CAPACITY OF BASE	FABRIC*
CLAY	2	HSG D $k < 0.06$ in/hr	8 in	2.7" EVENT	NO
SILT	3	HSG C $0.06$ in/hr $< k < 0.57$ in/hr	8 in	2.7" EVENT	NO
SILTY SAND	6	HSG B $0.57$ in/hr $< k < 1.42$ in/hr	6 in	2.0" EVENT	NO
SAND, GRAVEL	>10	HSG A $k > 1.42$ in/hr	6 in	2.0" EVENT	NO

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#### TITLE:

PERMEABLE PAVEMENT WITH NO INFILTRATION  
EDGE RESTRAINT WITH INTEGRAL GEOGRID

#### APPLICATION:

RESIDENTIAL PATIOS & WALKWAYS

#### SCALE:

NOT TO SCALE

#### DRAWING NO:

PICP 09