

MACMAT R
LEGEND

- SHEET 01 TYPICAL ROAD EMBANKMENT PROTECTION
- SHEET 02 TYPICAL SLOPE PROTECTION
- SHEET 03 INSTALLATION DETAILS (1): OVERLAPPING
- SHEET 04 INSTALLATION DETAILS (2): FIXING

| Rev: | Observations | Dis: | App: | Date: |
|------|--------------|------|------|-------|
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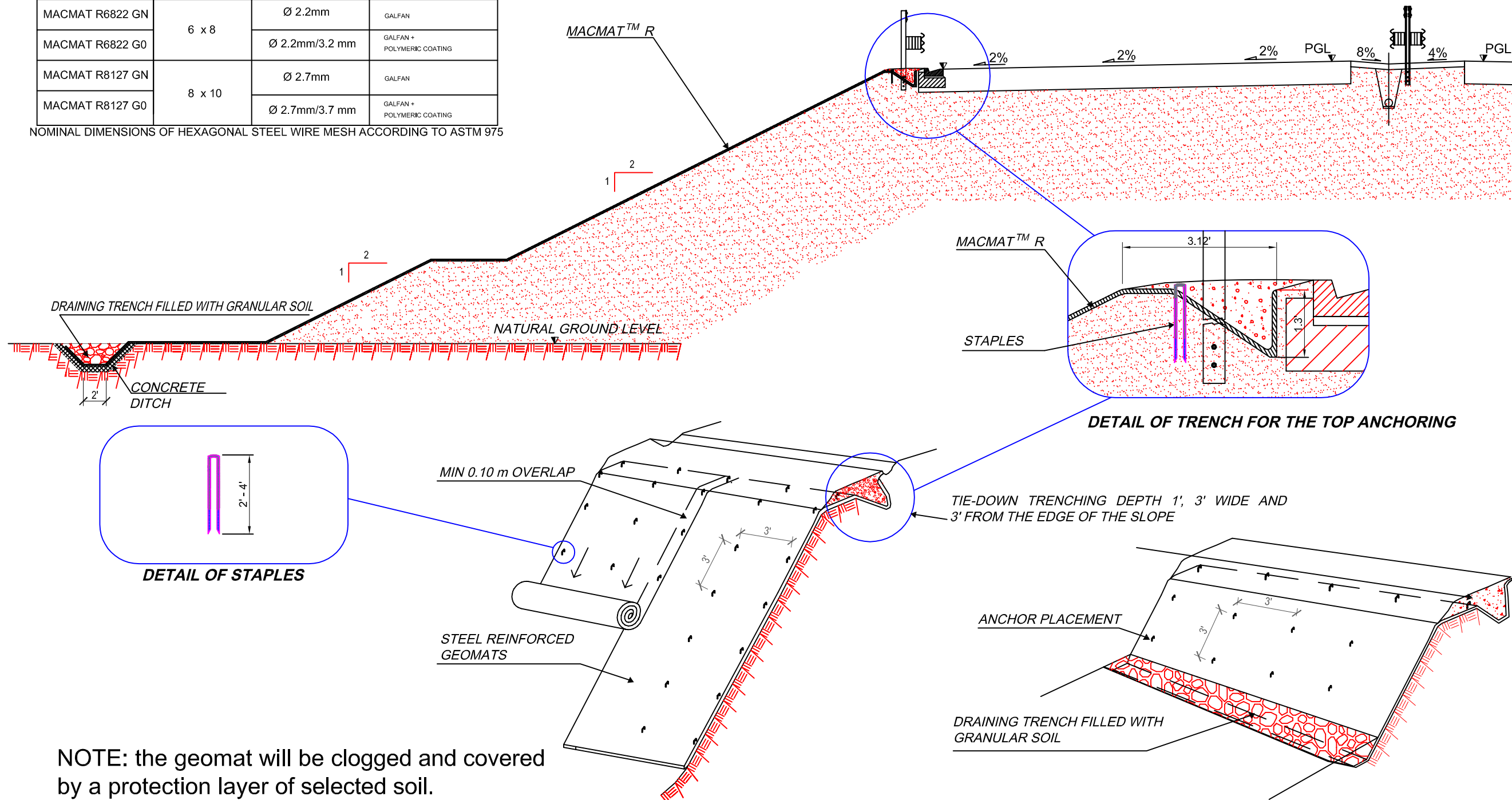
Table

TYPICAL ROAD EMBANKMENT PROTECTION

STANDARD DIMENSIONS TABLE - MACMAT R

| PRODUCT | MESH TYPE | WIRE DIAM. | COATING TYPE |
|-----------------|-----------|----------------|----------------------------|
| MACMAT R6822 GN | 6 x 8 | Ø 2.2mm | GALFAN |
| MACMAT R6822 G0 | | Ø 2.2mm/3.2 mm | GALFAN + POLYMERIC COATING |
| MACMAT R8127 GN | 8 x 10 | Ø 2.7mm | GALFAN |
| MACMAT R8127 G0 | | Ø 2.7mm/3.7 mm | GALFAN + POLYMERIC COATING |

NOMINAL DIMENSIONS OF HEXAGONAL STEEL WIRE MESH ACCORDING TO ASTM 975



NOTE: the geomat will be clogged and covered by a protection layer of selected soil.

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| Rev: | Issue / Revision: | Drawn: | App: Date: |

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|--------------------------------|--------------------|--------------------|-----------------------|
| Drawing Title: MacMat R | | | |
| Project No: | Client: | --- | |
| Drawing No: 1 / 4 | Units: Feet | Scale: NTS | Rev: 1 |
| Printed on: 3/4/15 | | Checked: SM | Date: 05/30/14 |

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| Designed: --- | Date: --- |
| Drawn: SG | Date: 05/30/14 |
| Checked: SM | Date: 05/30/14 |

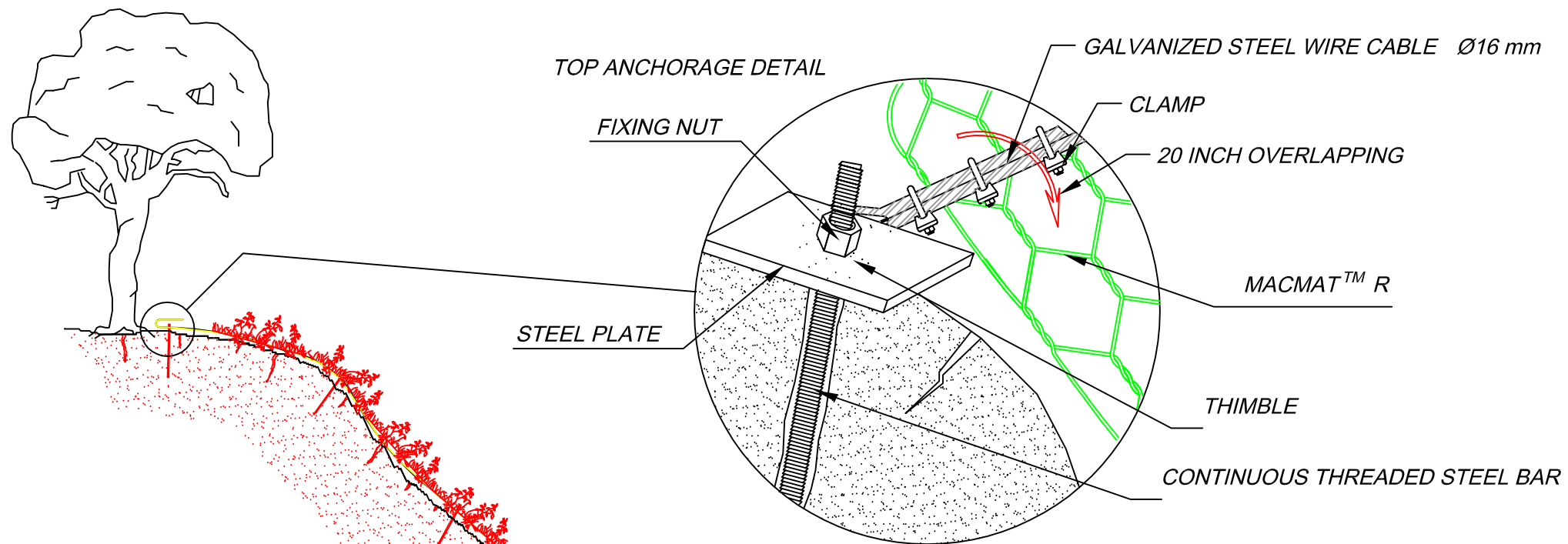
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| Project: | TYPICAL DRAWING |
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 Williamsport, MD 21795-3116 USA
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This drawing is stored in: L:\Projects\Typ. Standard Details\Card Files\Drawing Library\MacMat R\MacMat R.dwg

TYPICAL SLOPE PROTECTION

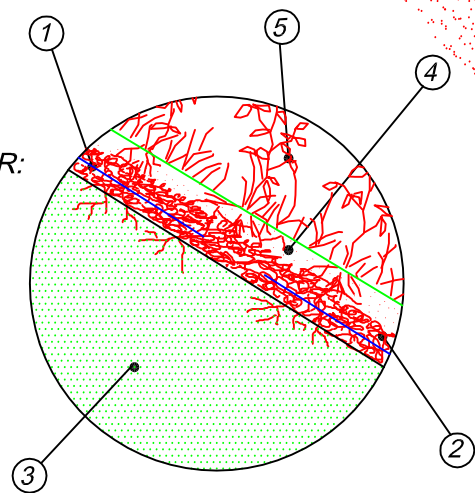


IN ORDER TO HAVE A GOOD VEGETATION SHALL BE MINIMIZED VOIDS BETWEEN THE SOIL AND THE REVETEMENT

SLOPE ANGLE FROM 35 TO 50° :
MACMAT™ R + HYDROSEEDING

VEGETATION GROWTH OVER MACMAT™ R:

- 1: DOUBLE TWIST STEEL WIRE MESH
- 2: 3D GEOMAT
- 3: IN-SITU SOIL
- 4: VEGETAL SOIL
- 5: VEGETATION



VEGETAL SOIL (5-10 cm)

TIMBER STAPLE

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NOMINAL DIMENSIONS OF HEXAGONAL STEEL WIRE MESH ACCORDING TO ASTM 975

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| Drawing Title: MacMat R | | | | |
| Project No: - | | Client: --- | | |
| Drawing No: 2 / 4 | | Units: Feet | Scale: NTS | Rev: 1 |
| | | Printed on: 3/4/15 | | |

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| Designed: --- | Date: --- |
| Drawn: SG | Date: 05/30/14 |
| Checked: SM | Date: 05/30/14 |

Project: **TYPICAL DRAWING**

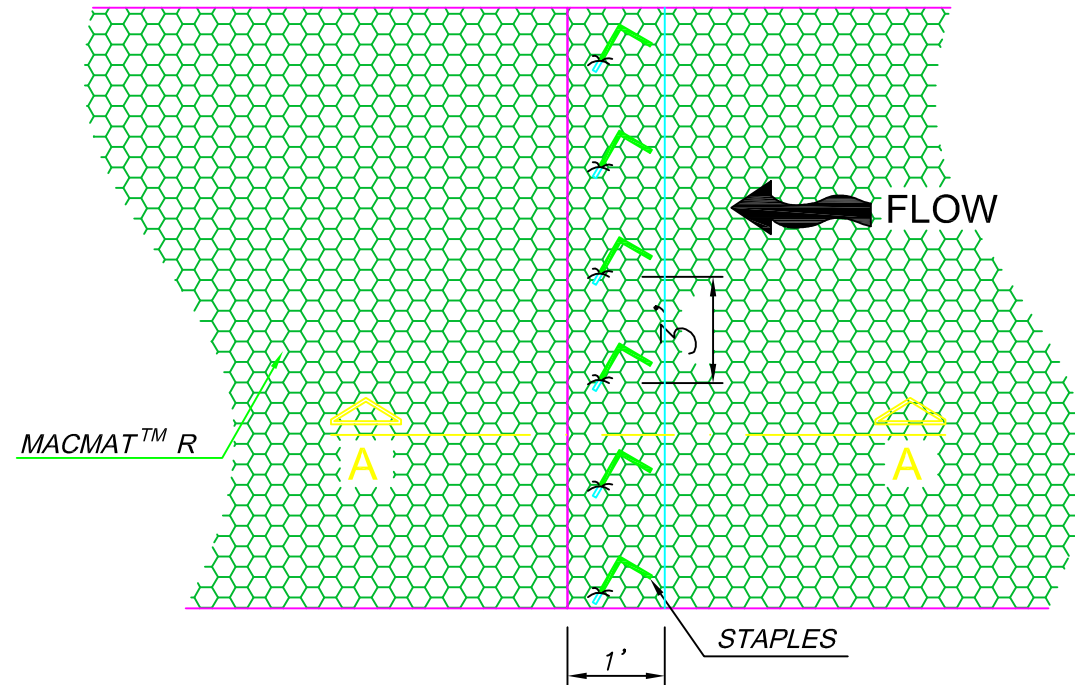
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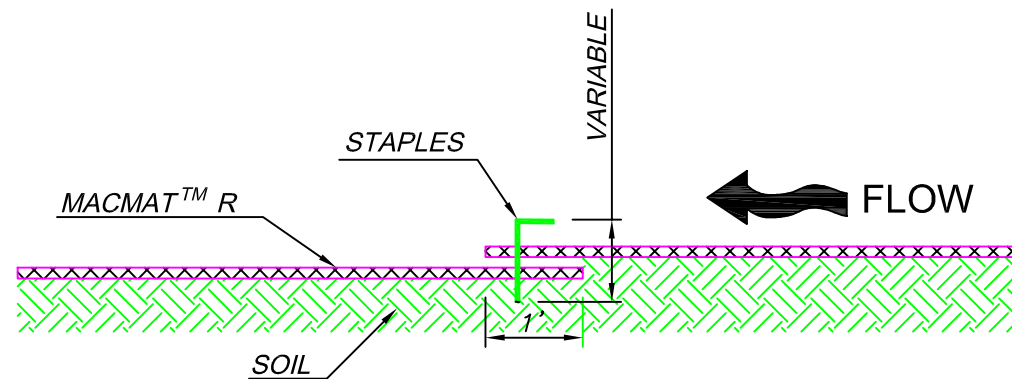
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INSTALLATION DETAILS (1): OVERLAPPING

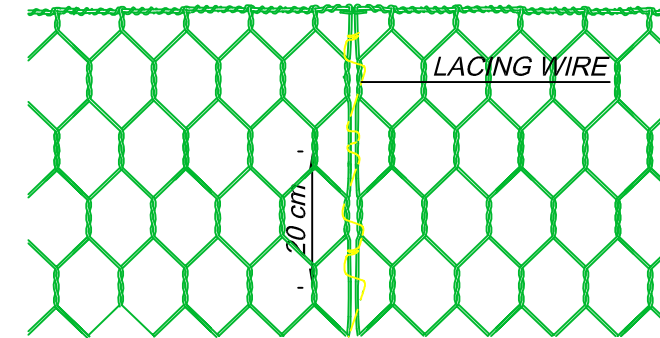
OVERLAPPING OPERATION OF MACMAT R



SECTION A-A



PANEL LACING



STANDARD DIMENSIONS TABLE - MACMAT R

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NOMINAL DIMENSIONS OF HEXAGONAL STEEL WIRE MESH ACCORDING TO ASTM 975

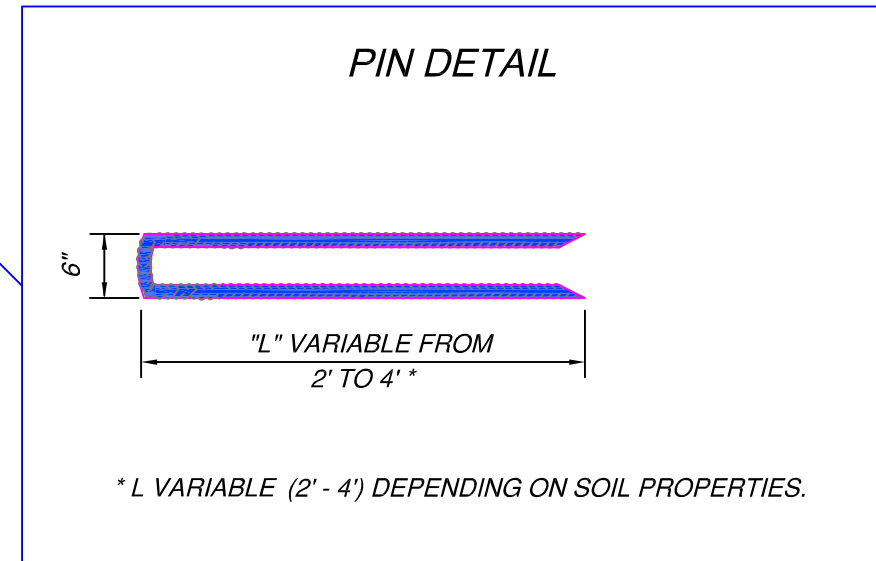
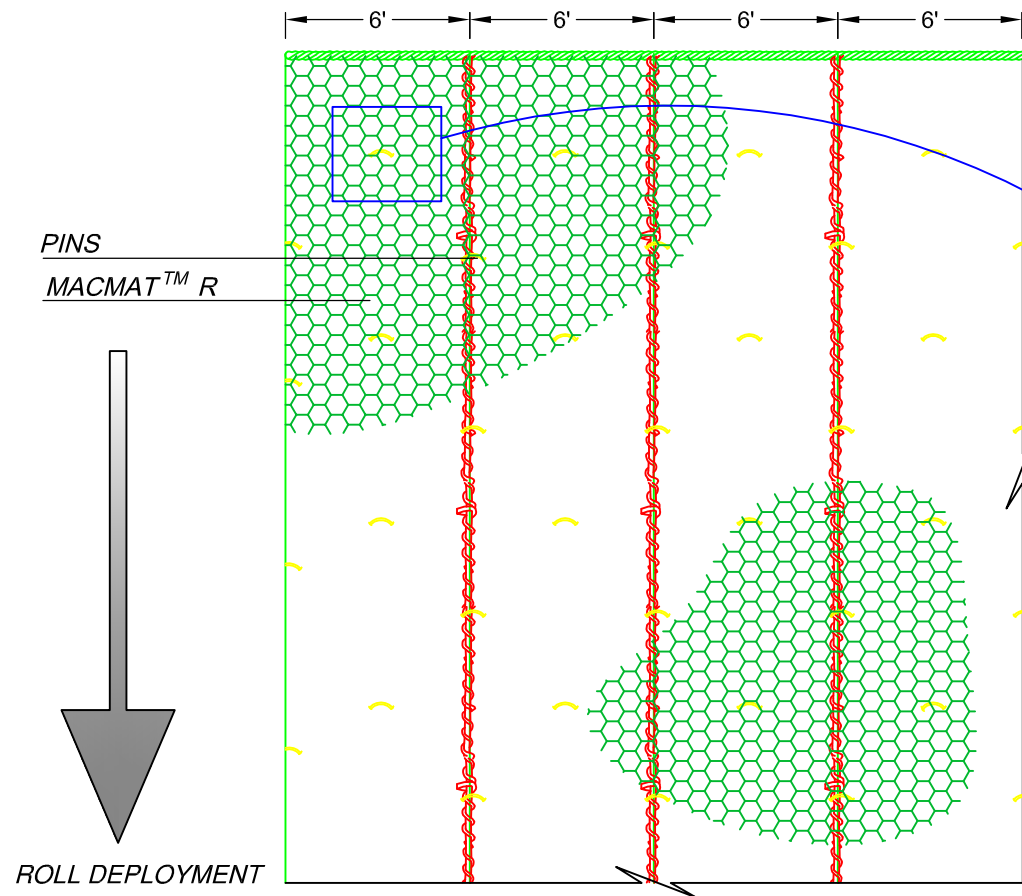
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| Project No: --- | Client: --- | Drawn: SG | Date: 05/30/14 | TYPICAL DRAWING | | | |
| Drawing No: 3/4 | Units: Feet | Scale: NTS | Rev: 1 | | | Checked: SM | Date: 05/30/14 |
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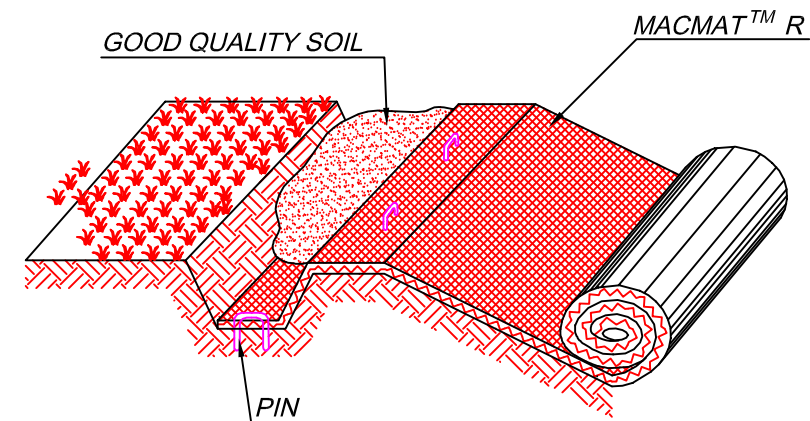
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INSTALLATION DETAILS (2): FIXING



TOP ANCHORING



STANDARD DIMENSIONS TABLE - MACMAT R

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| Project No: --- | Client: --- | Drawn: SG | Date: 05/30/14 | TYPICAL DRAWING | |
| Drawing No: 4 / 4 | Units: Feet | Scale: NTS | Rev: 1 | | |
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