

# LAYERED GREEN ROOF SYSTEM DETAILS

## SYSTEM SECTIONS\*

- LGR1.01a 3" DEPTH EXTENSIVE LAYERED GREEN ROOF
- LGR1.01b 4" DEPTH EXTENSIVE LAYERED GREEN ROOF
- LGR1.01c 5" DEPTH EXTENSIVE LAYERED GREEN ROOF
- LGR1.02a 6" DEPTH SEMI-INTENSIVE LAYERED GREEN ROOF
- LGR1.02b 8" DEPTH SEMI-INTENSIVE LAYERED GREEN ROOF
- LGR1.03a 8"+ DEPTH INTENSIVE WITH RETENTION MAT
- LGR1.03b 8"+ DEPTH INTENSIVE WITHOUT RETENTION MAT

\*These are many of the most common sections, media depths are flexible to your project needs

## LAYERED GREEN ROOF PLANTING

- LGR2.01 PREGROWN SEDUM
- LGR2.02 PLUG PLANTING
- LGR2.03 SEDUM CUTTINGS
- LGR2.04 CONTAINER PLANTING

## LAYERED GREEN ROOF AT VEGETATION FREE ZONES DETAILS

- LGR3.01 GREEN ROOF AT PEDESTAL PAVERS
- LGR3.02 GREEN ROOF AT BALLAST ROCK
- LGR3.03 GREEN ROOF AT PAVER OVER BALLAST ROCK

## LAYERED GREEN ROOF DRAINS AND PENETRATIONS

- LGR4.01 GREEN ROOF AT DRAIN
- LGR4.02 GREEN ROOF AT ROOF PENETRATION

## LAYERED GREEN ROOF EDGER DETAIL

- LGR5.01 3" DEPTH GREEN ROOF EDGE CONDITION
- LGR5.02 4" DEPTH GREEN ROOF EDGE CONDITION
- LGR5.03 5" DEPTH GREEN ROOF EDGE CONDITION
- LGR5.04 6" DEPTH GREEN ROOF EDGE CONDITION
- LGR5.05 8"+ DEPTH GREEN ROOF EDGE CONDITION

## LAYERED GREEN ROOF IRRIGATION

- LGR6.01 TYPICAL SPRAY IRRIGATION
- LGR6.02 TYPICAL DRIP IRRIGATION



LGR0.00

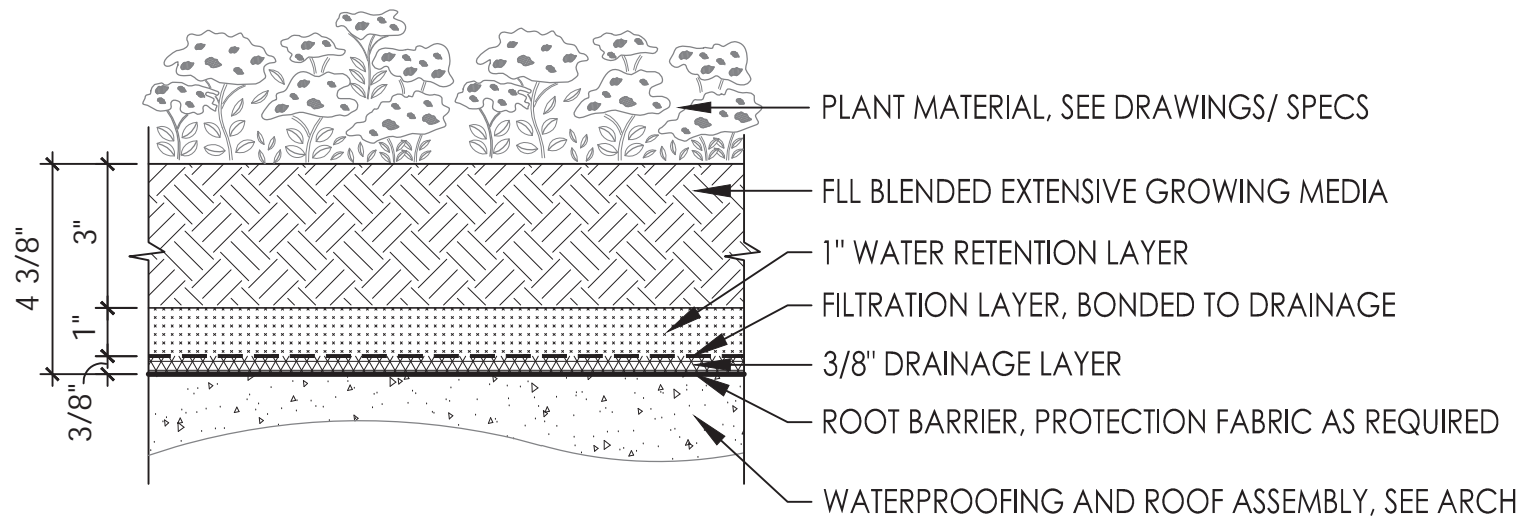
## INDEX: LAYERED GREEN ROOF DETAILS

LAYERED SYSTEM

DETAIL SCALE: AS SHOWN

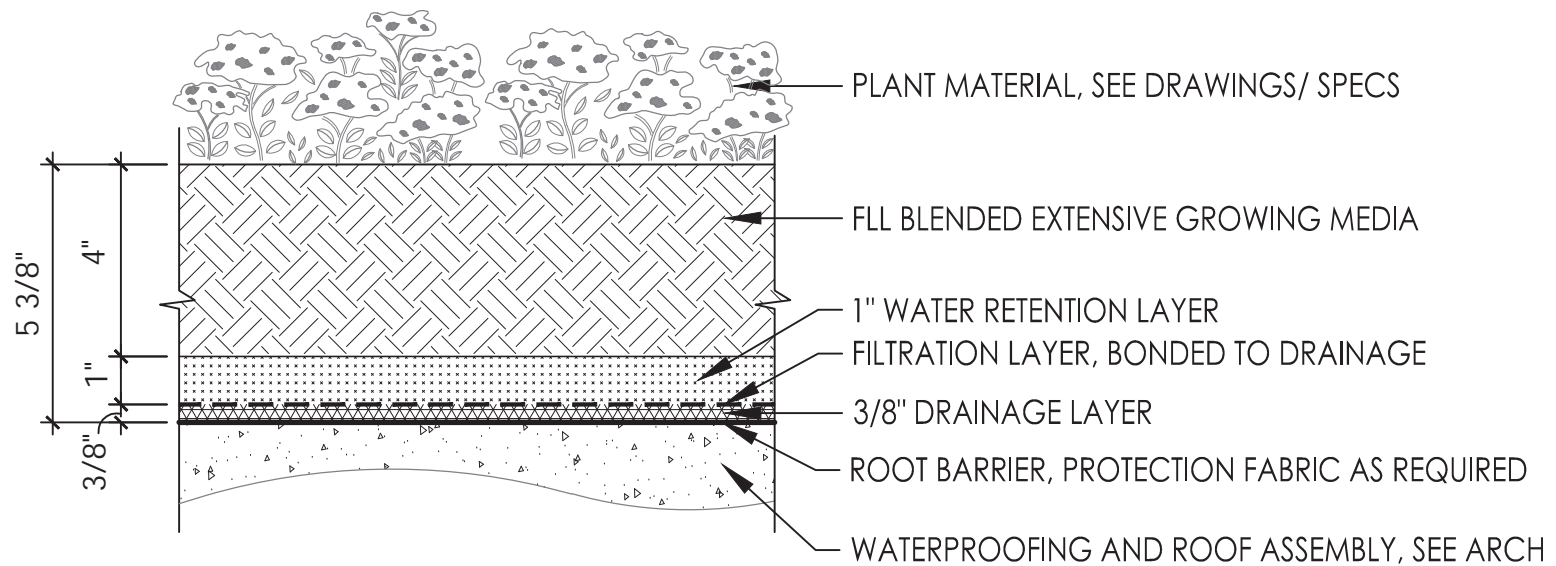
Corporate Office: 79 SE Taylor Street, Suite 201 Portland, OR 97214

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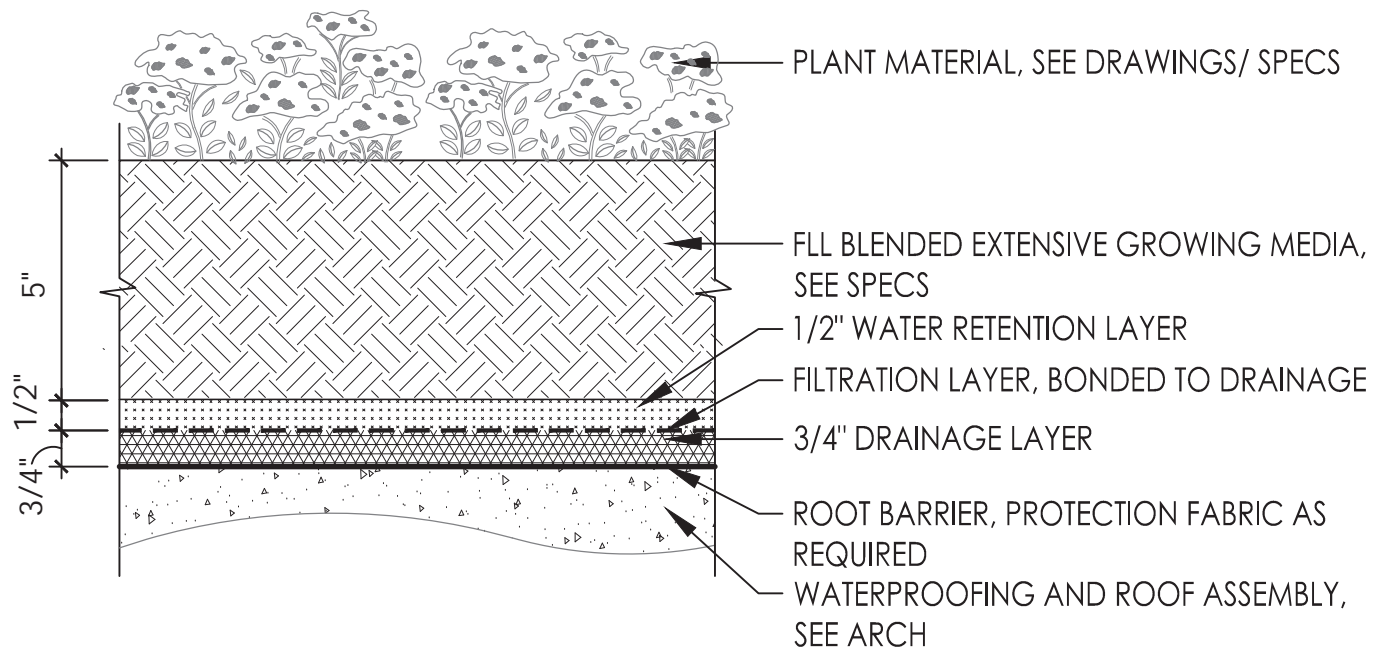
NOTE:

1. SYSTEM COMPONENTS ARE SHOWN AT NOMINAL SIZE, COMPRESSION WILL OCCUR AT RETENTION LAYER BASED ON AMOUNT (HEIGHT/VOLUME) OF GROWING MEDIA PLACED ON SYSTEM. MAXIMUM COMPRESSION  $\frac{1}{8}" \pm$ .



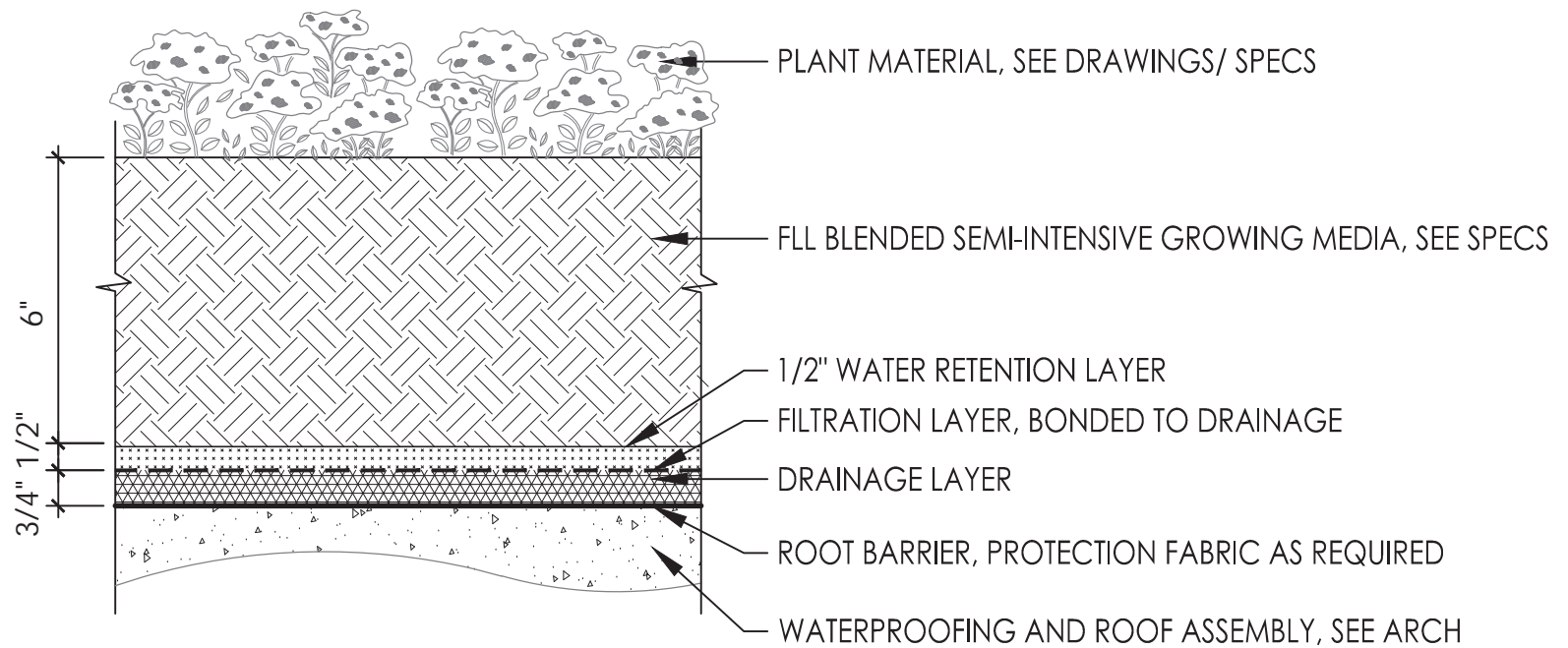
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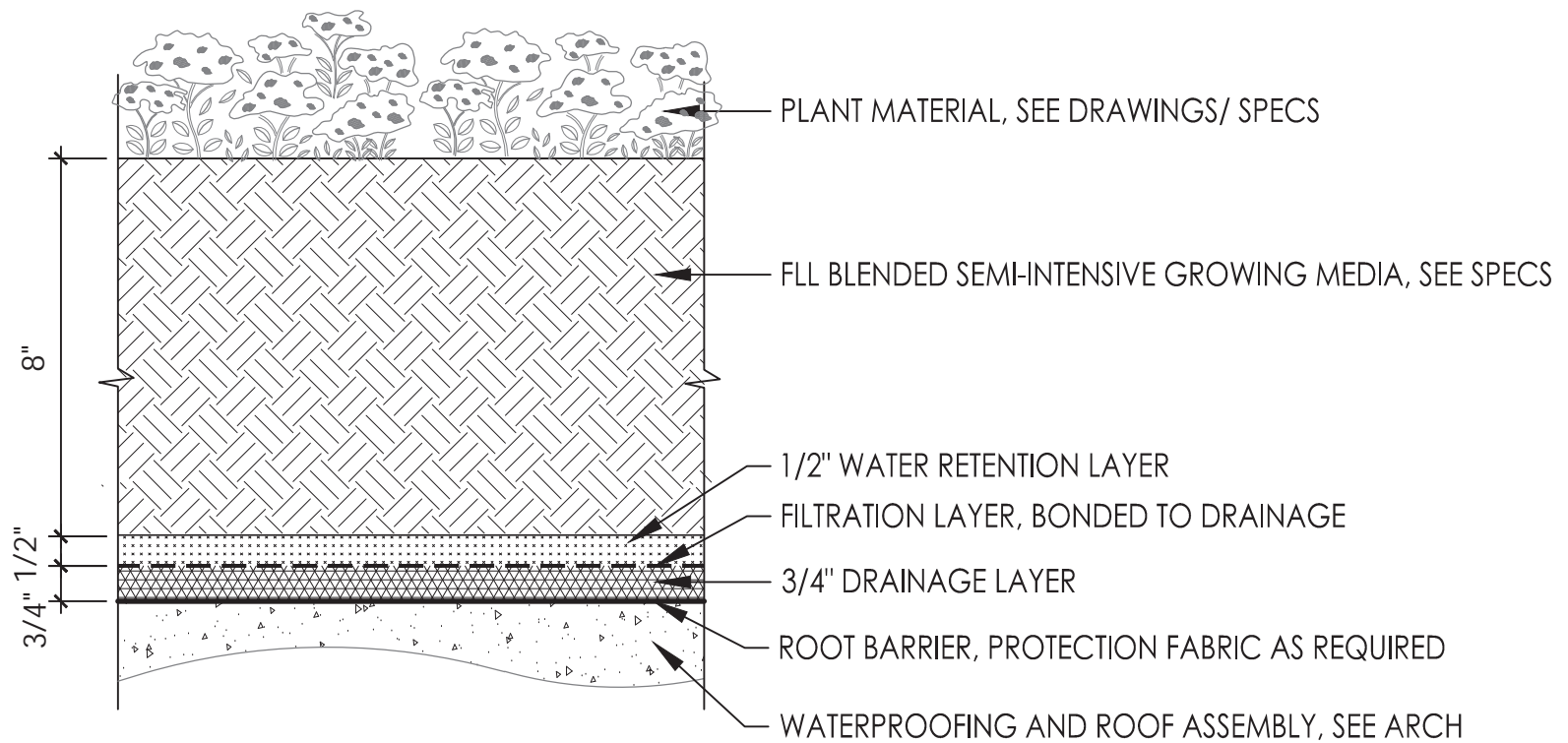
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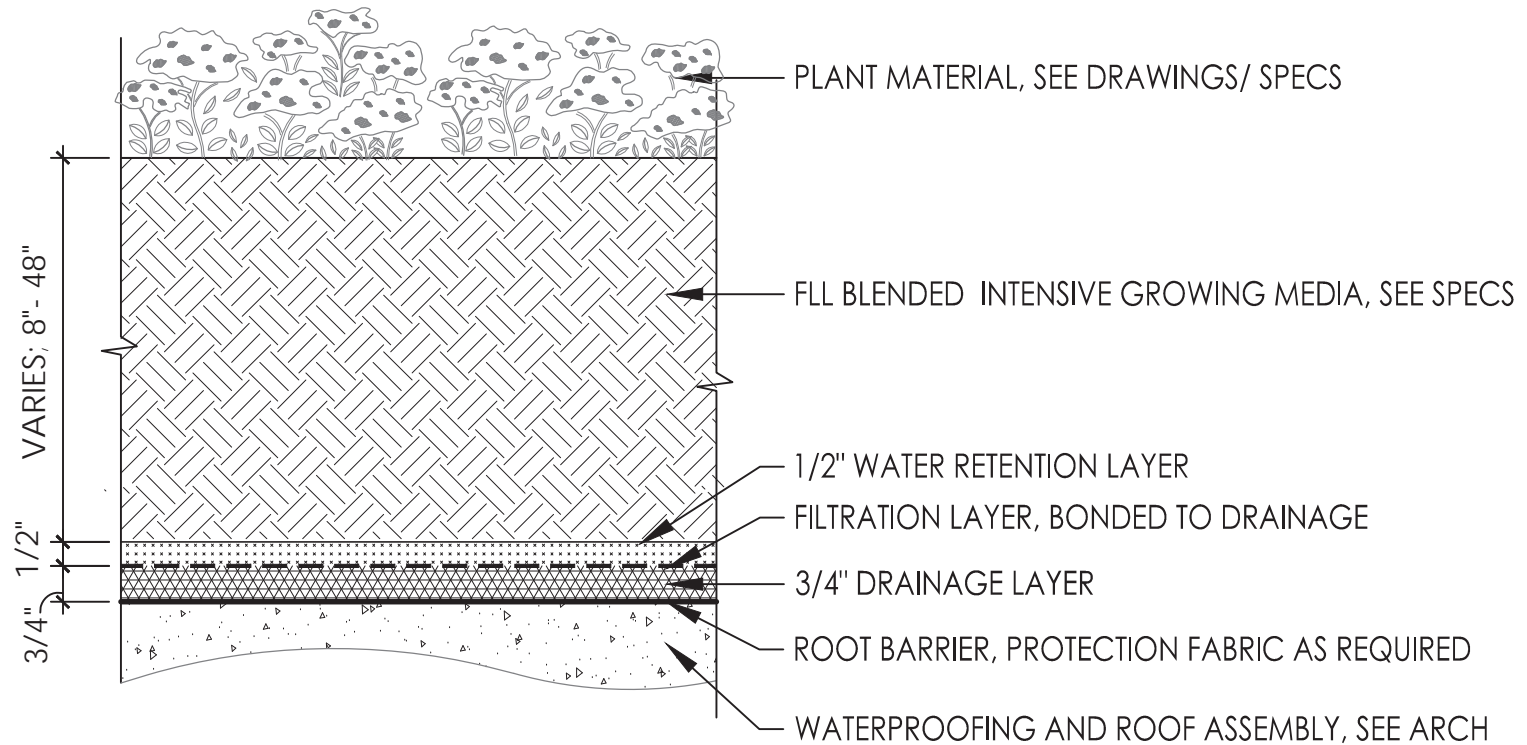
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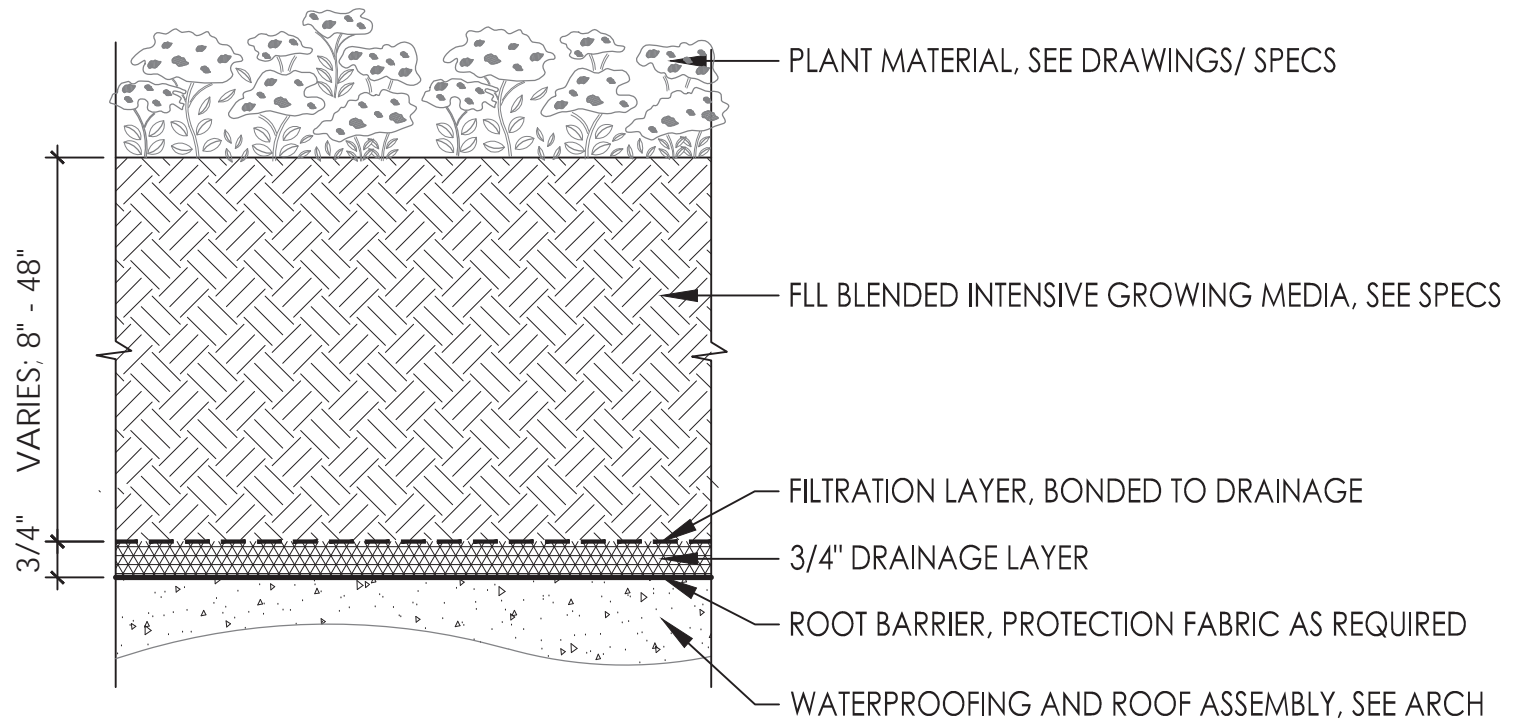
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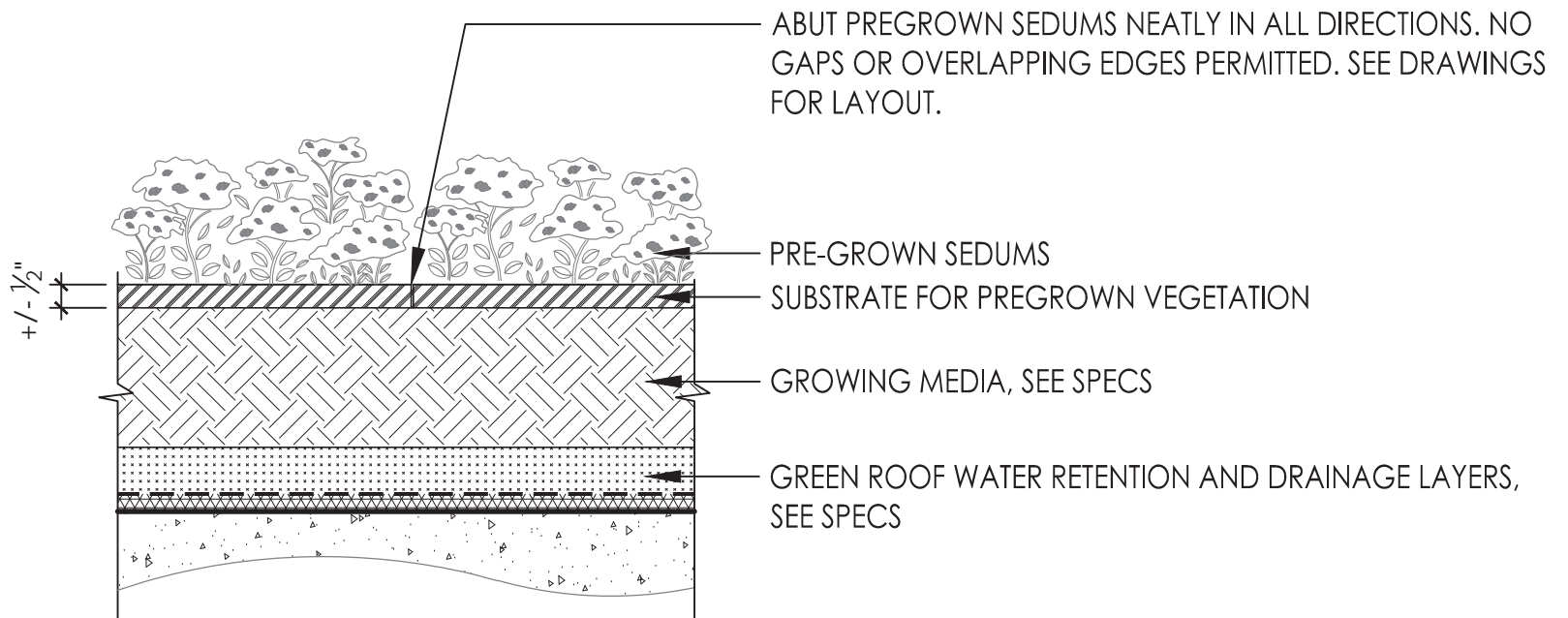
LGR1.03b

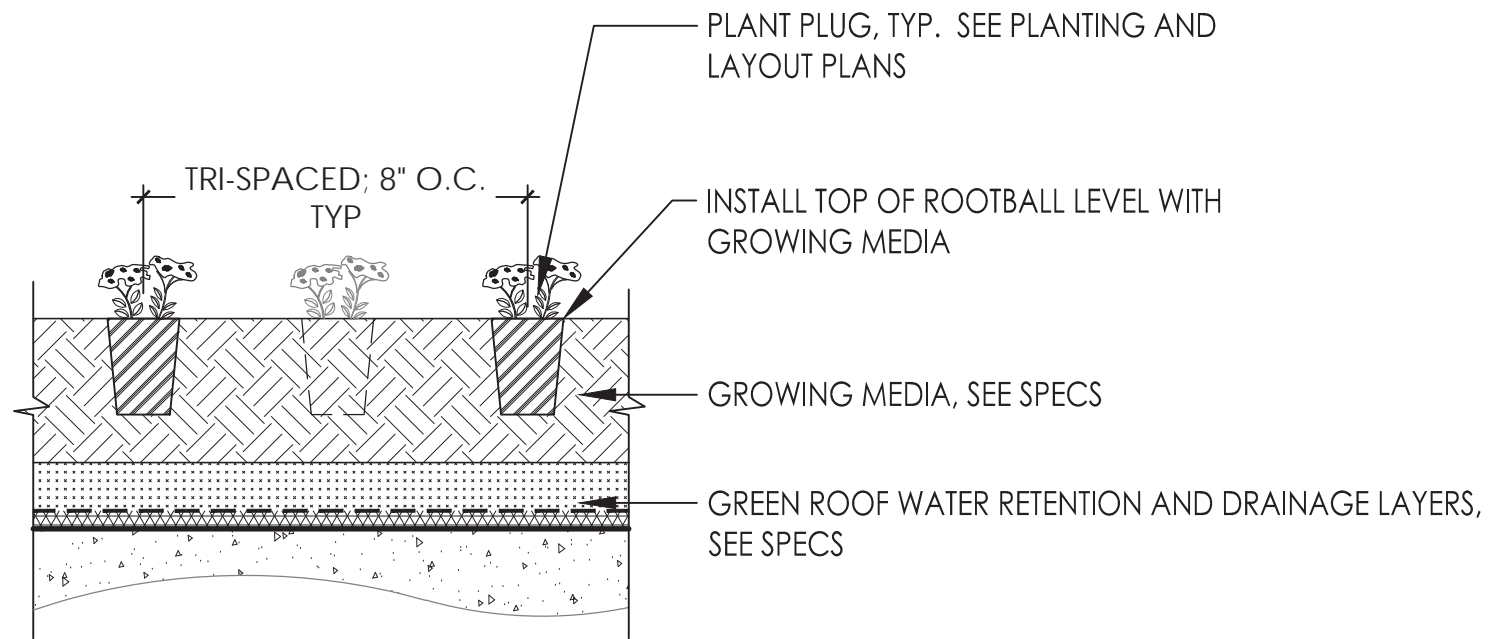
8"+ DEPTH INTENSIVE WITHOUT RETENTION MAT

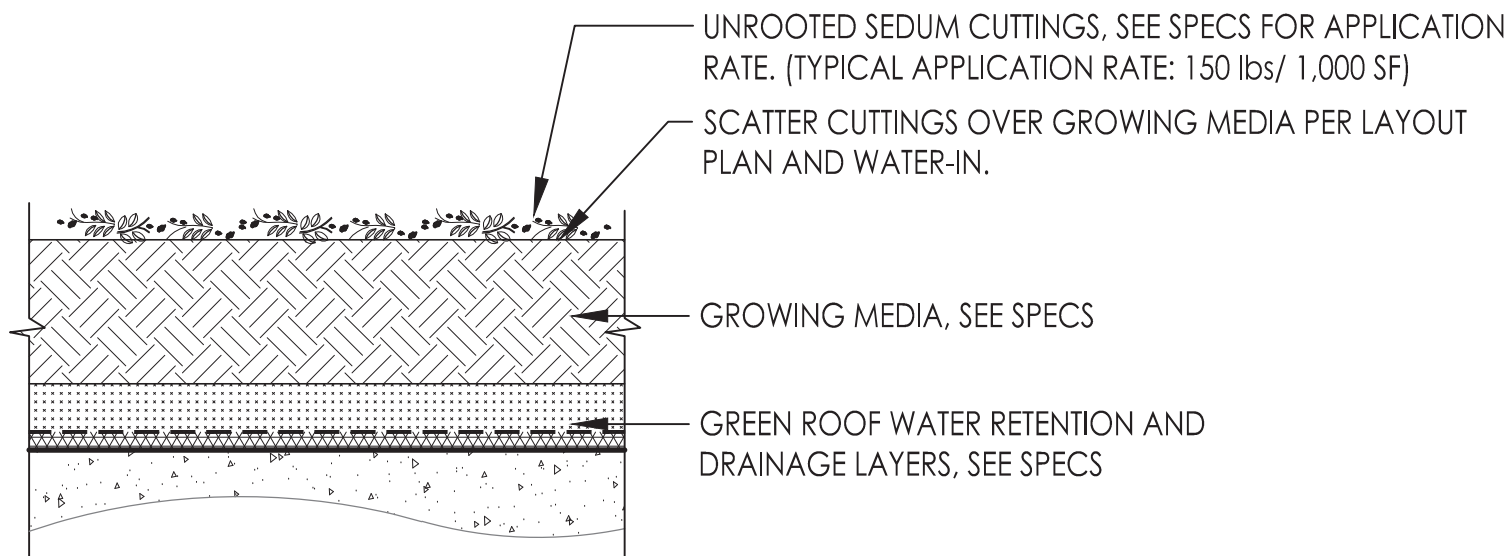
LAYERED SYSTEM

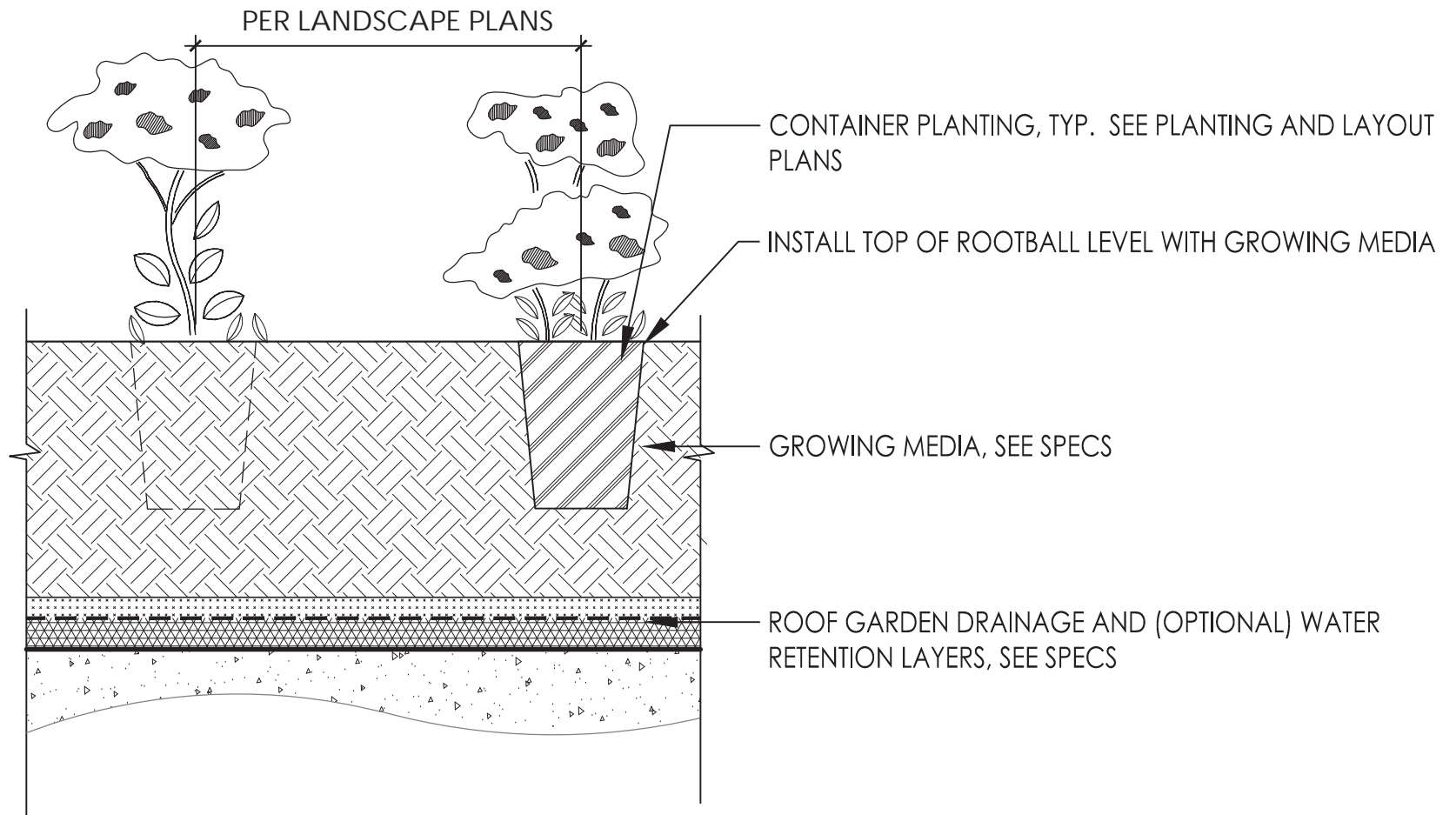
DETAIL SCALE: 3"=1'-0"

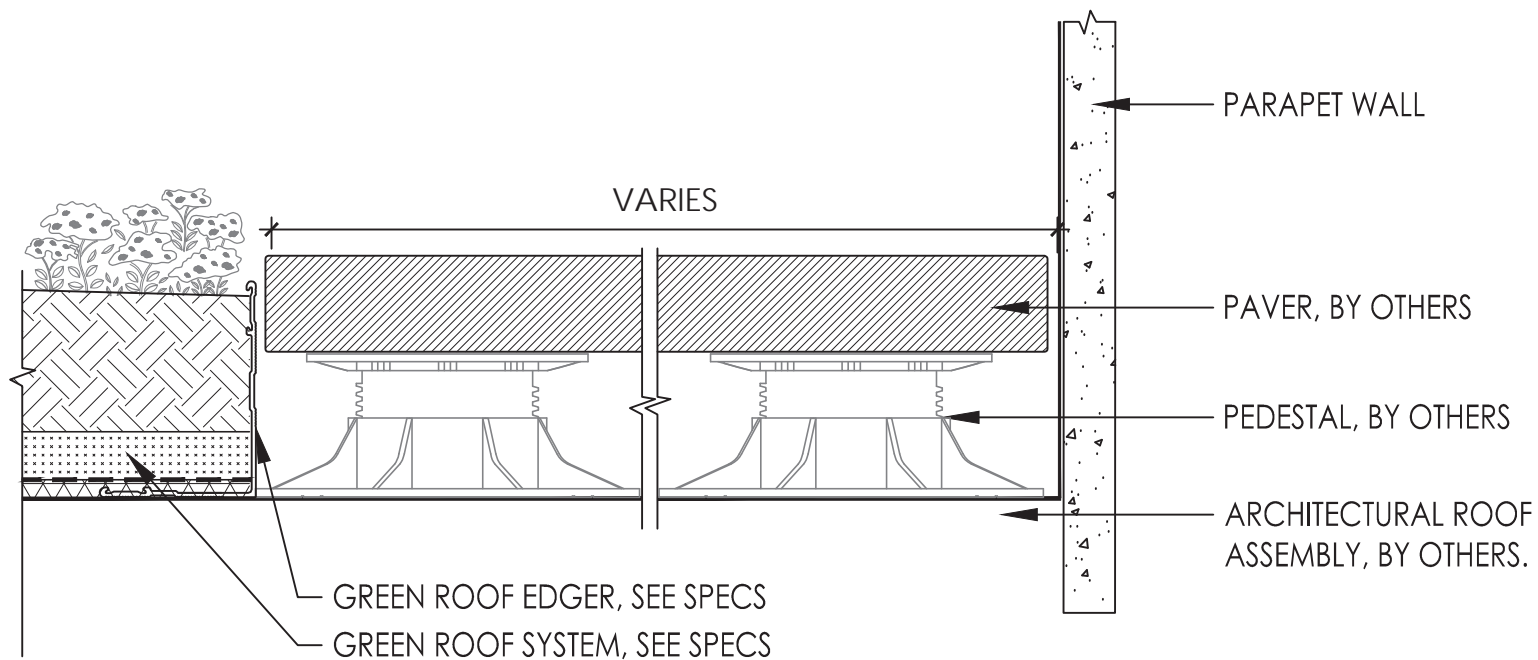


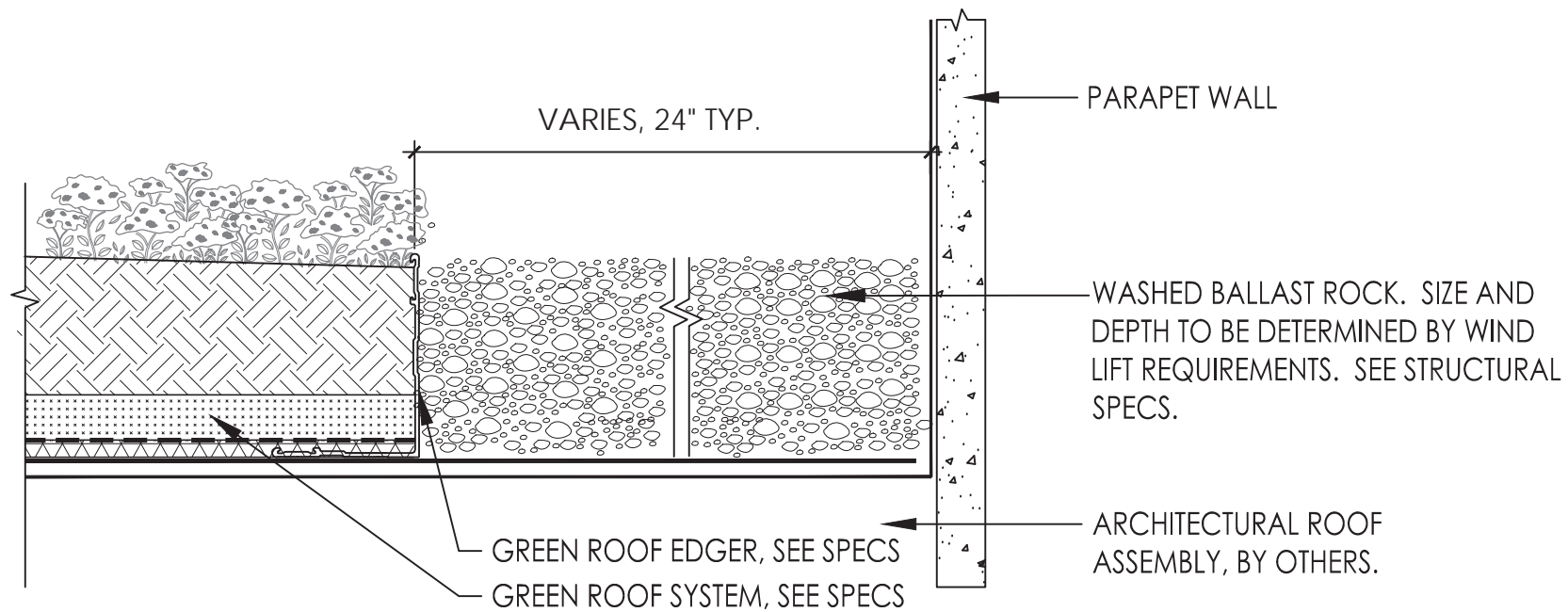


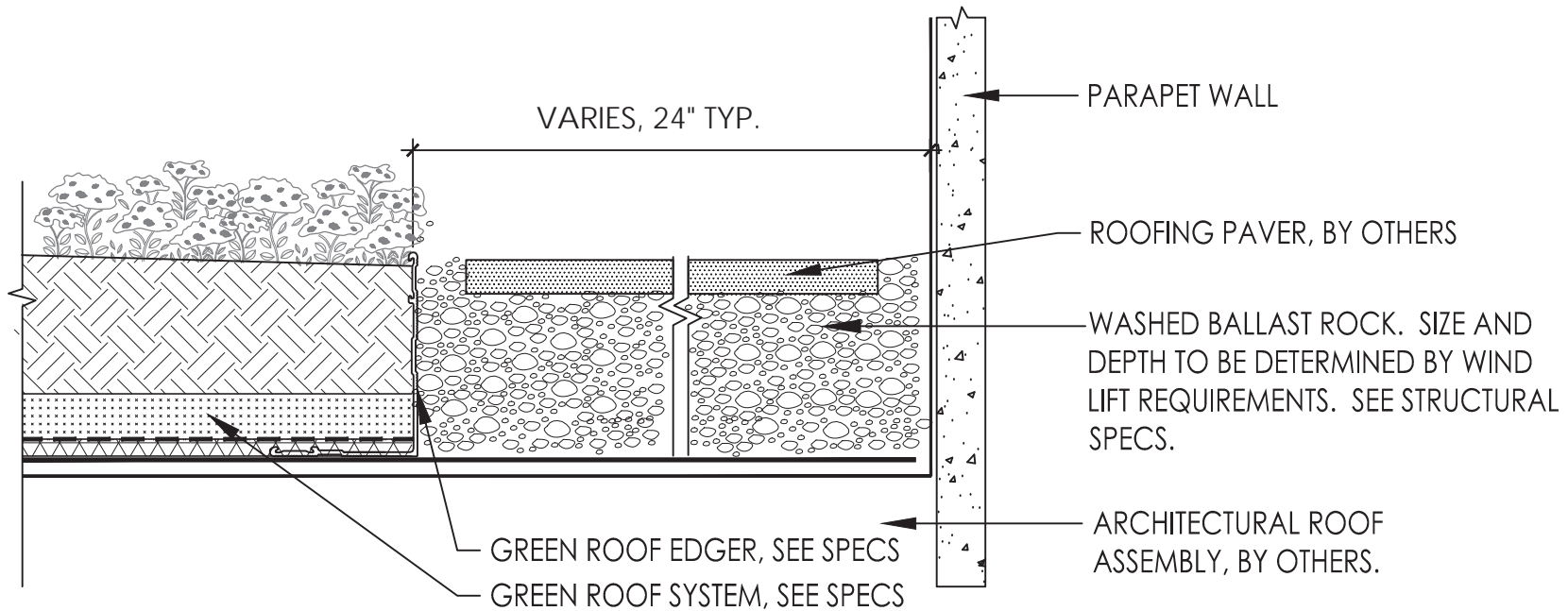


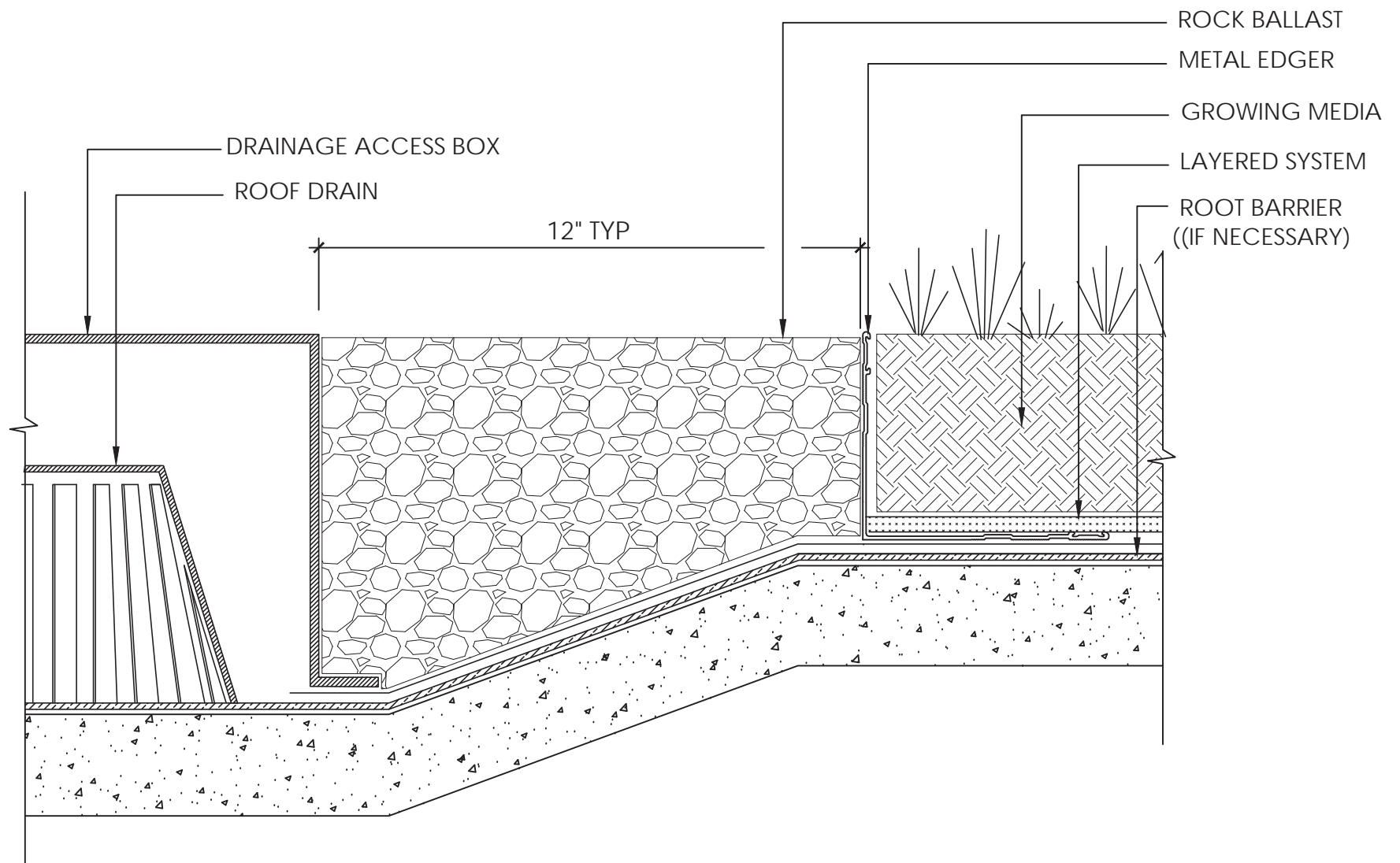




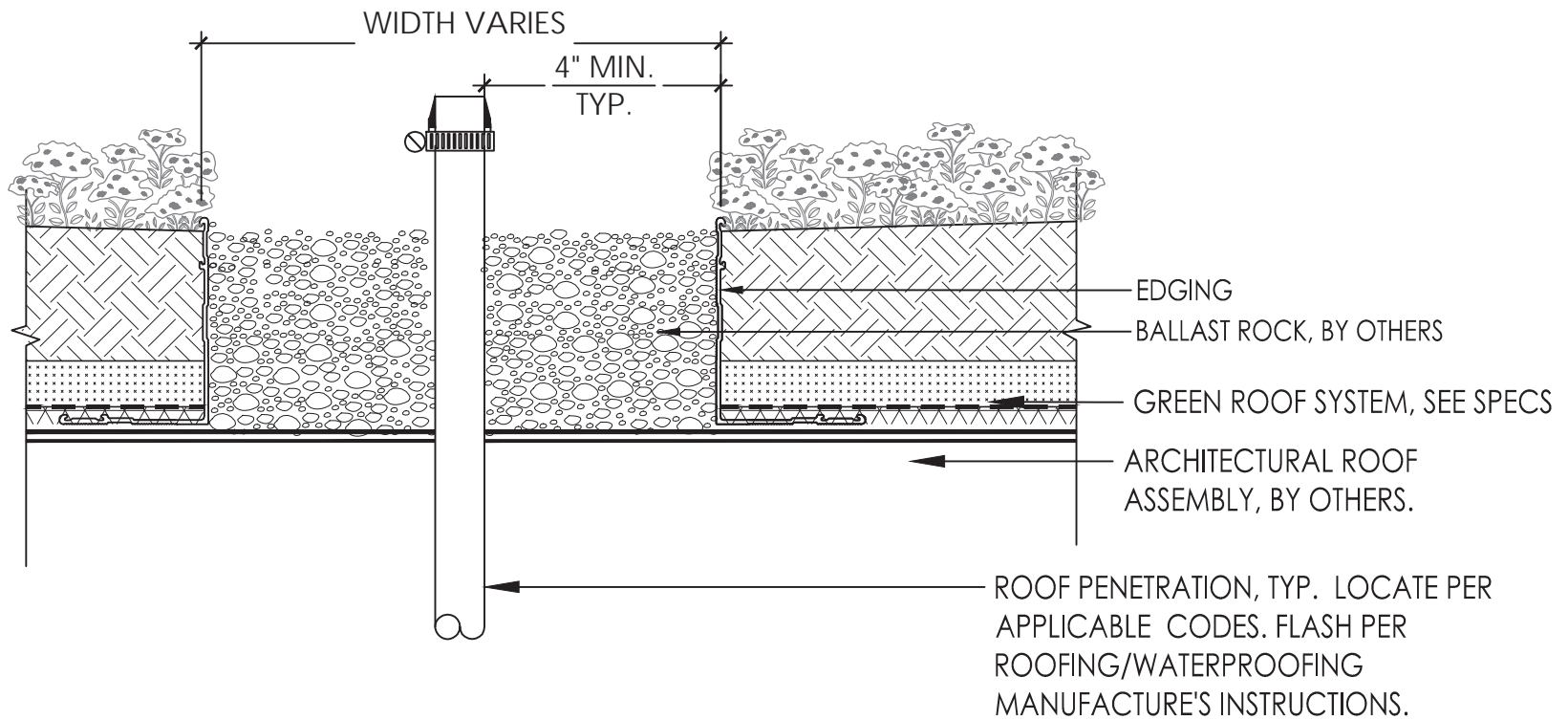


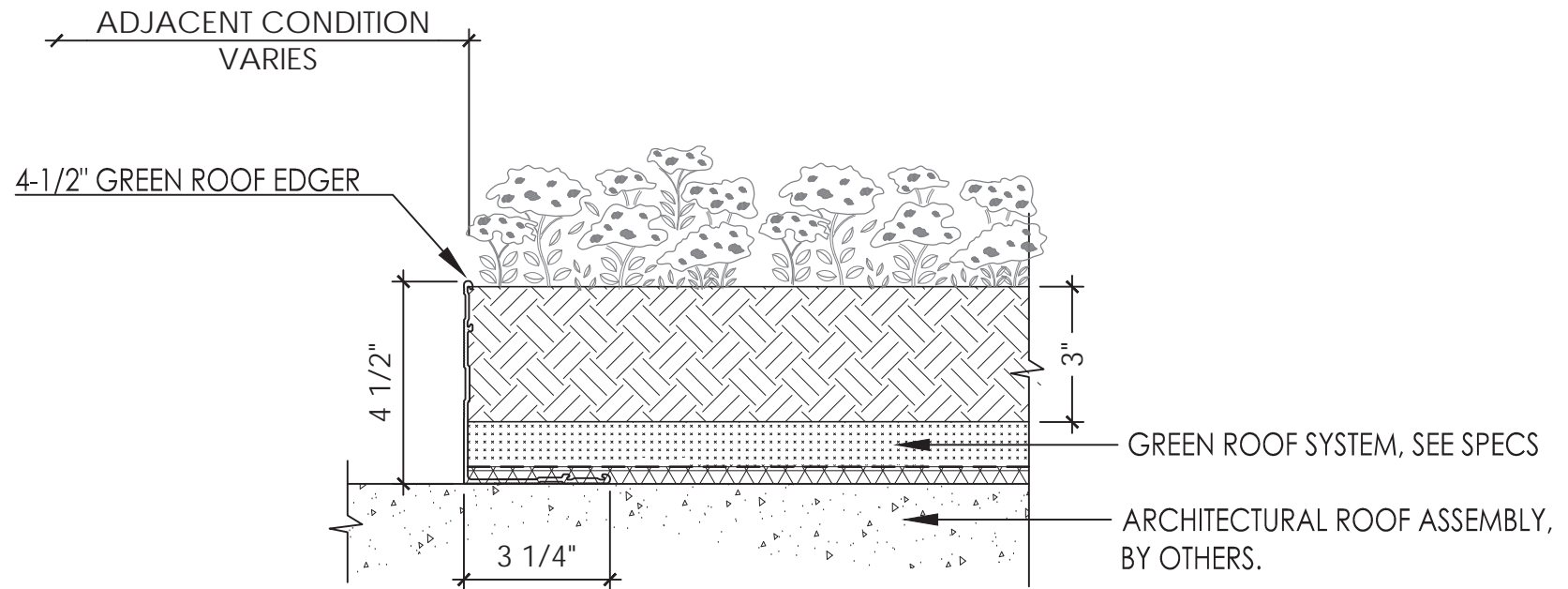






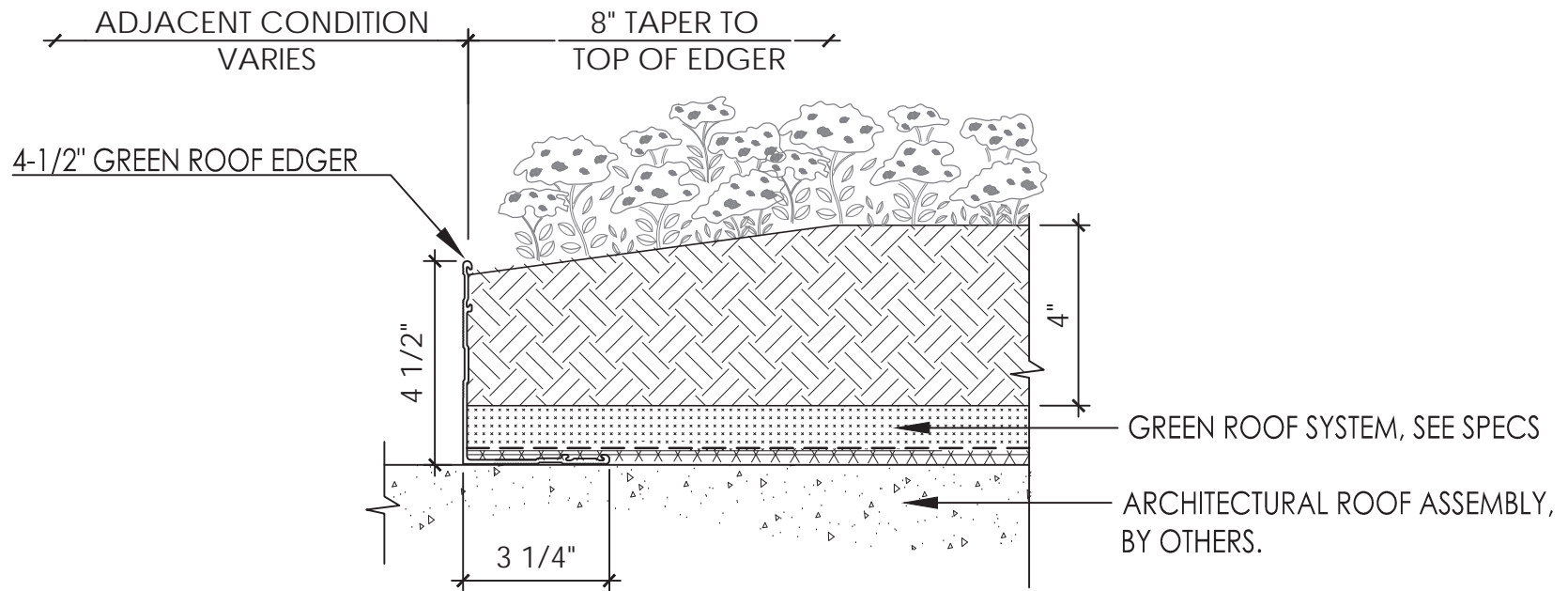






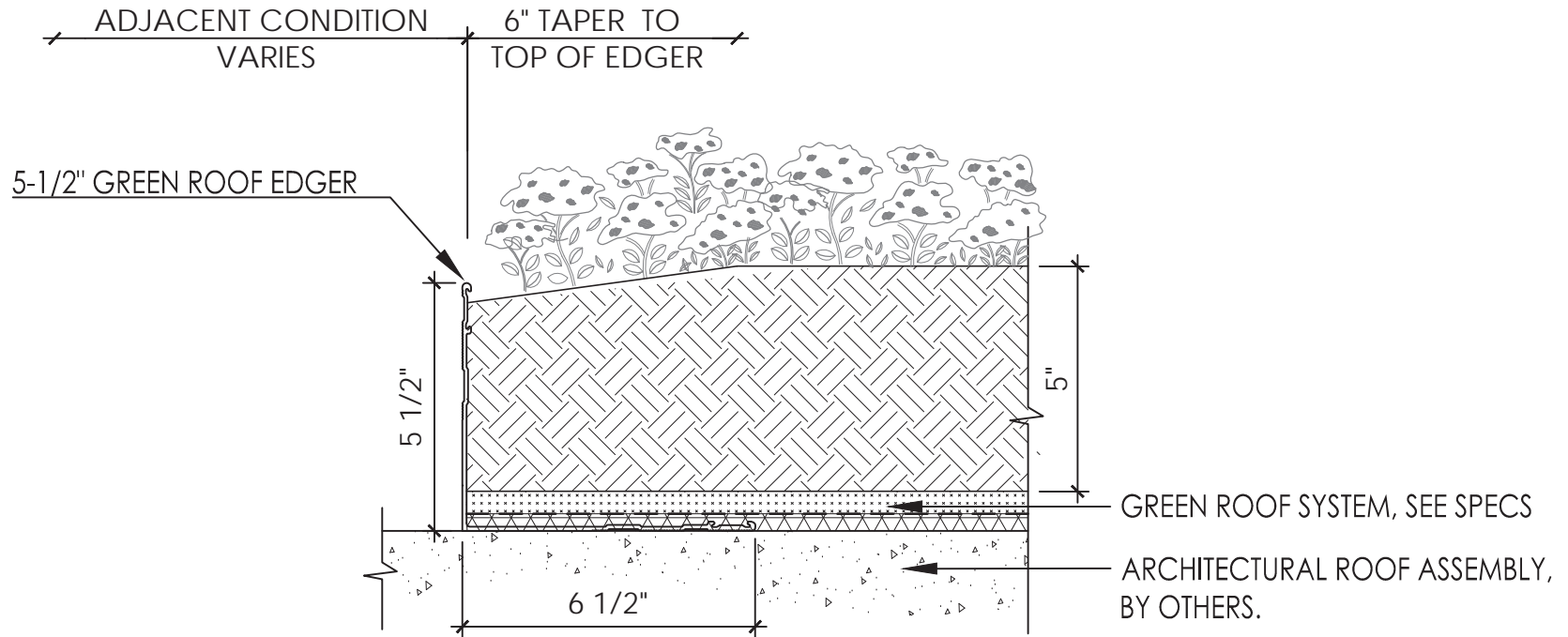
NOTE:

1. EDGER IS HELD IN PLACE BY WEIGHT OF GREEN ROOF SYSTEM. NO MECHANICAL FASTENING TO THE ROOF IS REQUIRED.



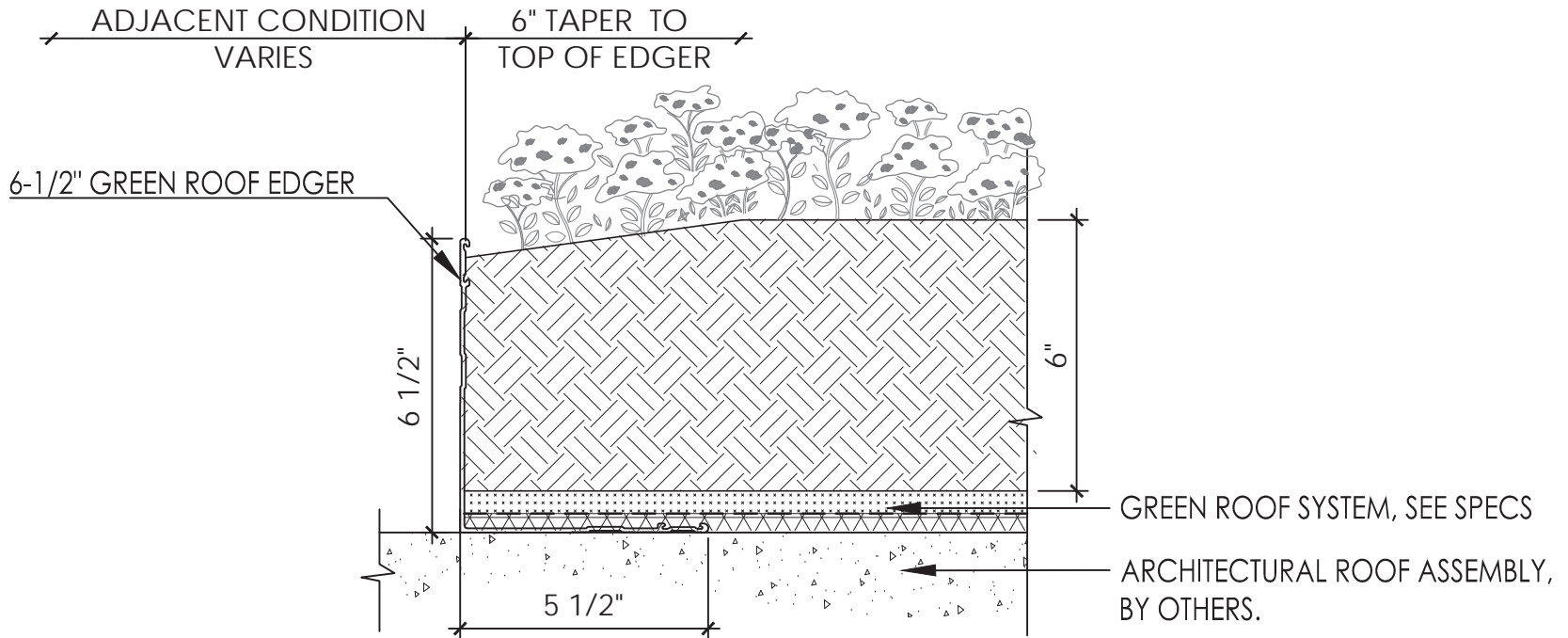
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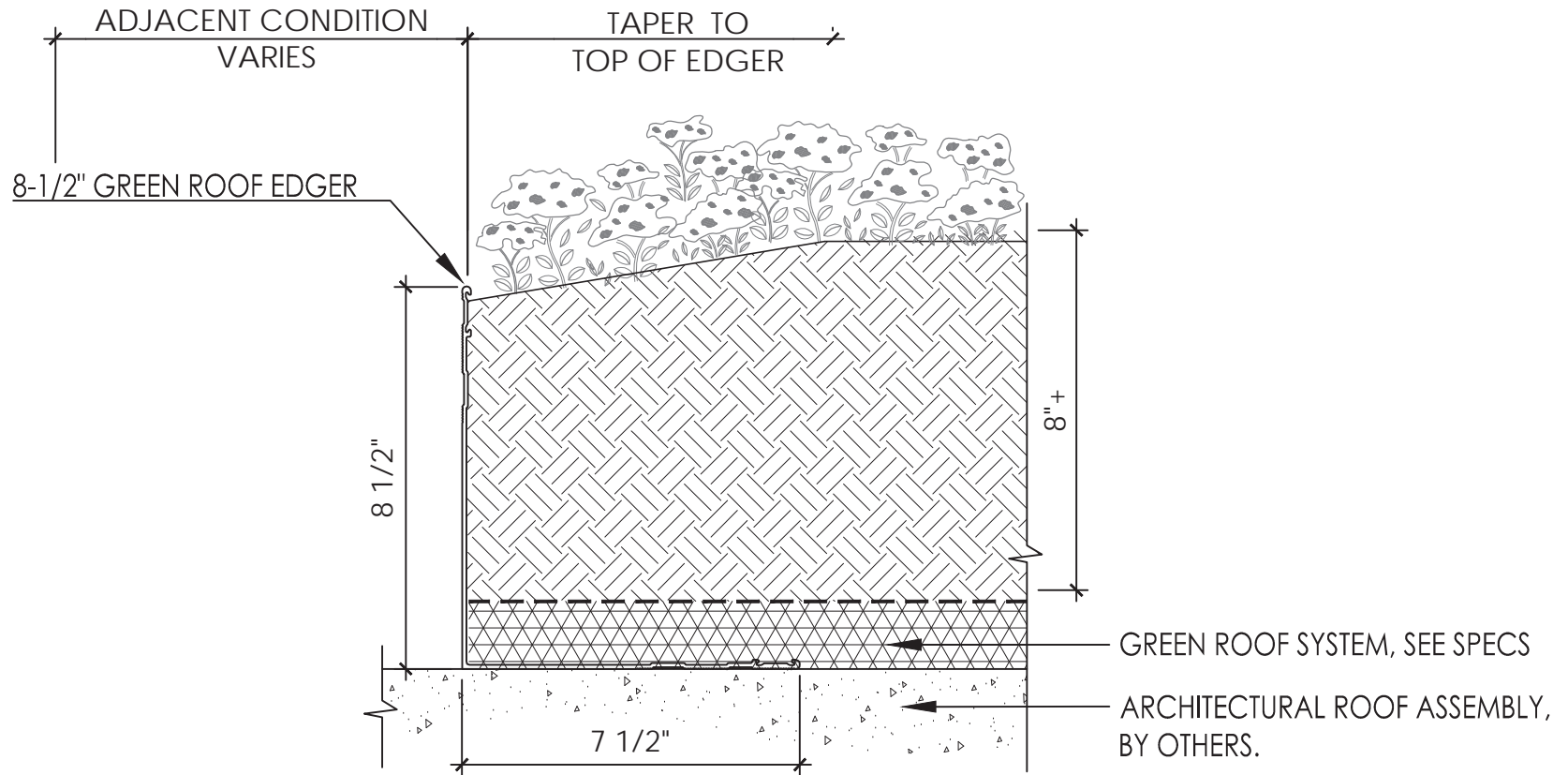
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