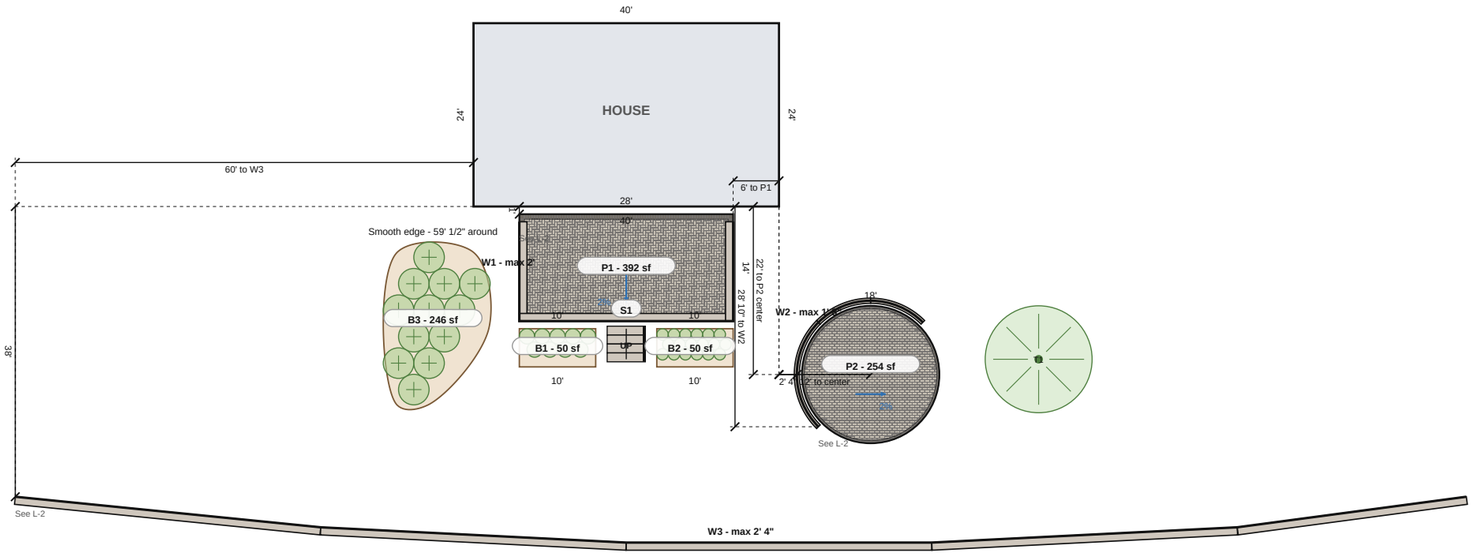



1

## SITE PLAN

SCALE: 1" = 20'-0"

0 20'

**TYPICAL SECTIONS & DETAILS (PAVING, WALLS, STEPS, DRAINS): L-3**

## GENERAL NOTES

1. Verify all dimensions, grades and property lines in the field. Call 811 for utility locates at least 2 business days before digging.
2. Paver construction per CMHA Tech Bulletin PAV-TEC-002: compacted base to 98% standard Proctor, 1" bedding sand, joints 1/16" to 3/16" filled and compacted.
3. Slope all hardscape at least 1.5% (2% preferred) away from buildings. Edge restraint on all paver edges not held by a structure.
4. Retaining walls per the block manufacturer: 6" compacted leveling pad, buried course of 6" or 10% of height, 12" clean drain stone with a 4" perforated pipe to daylight.
5. Walls holding back more than 4 ft of soil, walls over 2 ft with a surcharge (drive, patio, building or slope above), and tiered walls closer than twice the lower wall height need an engineered design (IRC R404.4). Walls over 4 ft from the bottom of the footing, or holding a surcharge, need a permit (IRC R105.2 and local amendments).
6. Guards at least 36" high where a walking surface is more than 30" above the grade below within 36" (IRC R312.1). Handrails on steps with 4 or more risers (IRC R311.7.8).
7. Topsoil and mulch depths as scheduled. Plant spacing is on center.

## LEGEND

- Pavers or hardscape
- Wall or steps
- Planting bed
- Lawn
- Building
- Drain line
- Surface slope, drains this way
- Plant, drawn at mature spread
- Location dimension from the house, to stake from

PREPARED BY

**Sample Contracting Co.**
100 Main St, Anytown

PROJECT

**Backyard terrace**
Client: Sample client
123 Example St

NOTICE

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REVISIONS

| REV | DATE | DESCRIPTION |
|---|---|---|
| 0 | 10/18/2026 | Issued for review |
| | | |
| | | |

DATE
**10/18/2026**

SCALE
**1" = 20'-0"**

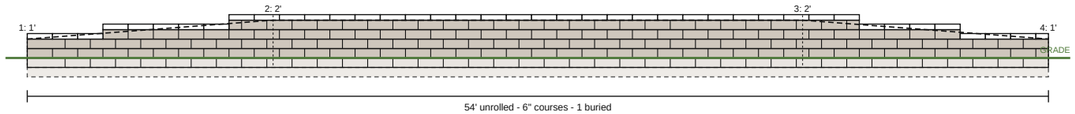
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SHEET SIZE
**ANSI B (11" x 17")**

SHEET TITLE
**SITE PLAN & NOTES**

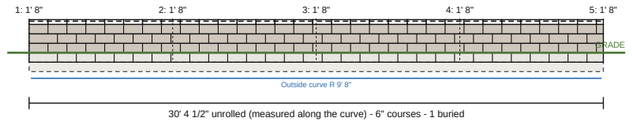
# L-1

SHEET 1 OF 4



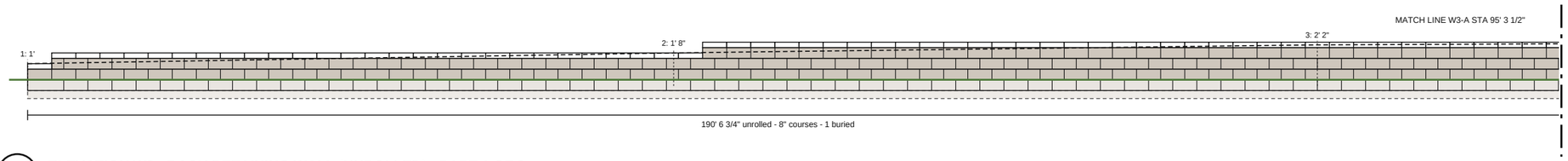

## W1 ELEVATION W1 - TERRACE WALL (UNROLLED)

SCALE: 1/8" = 1'-0"



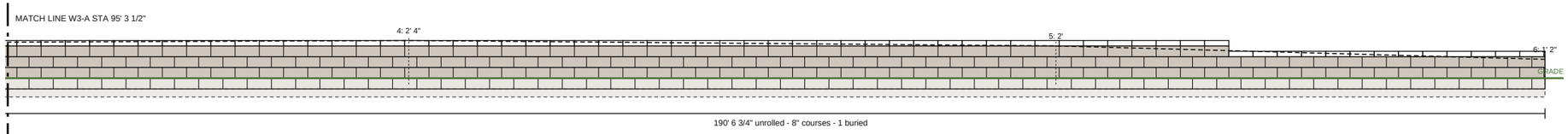

## W2 ELEVATION W2 - SEAT WALL (UNROLLED)

SCALE: 1/8" = 1'-0"




## W3 ELEVATION W3 - BACK RETAINING WALL (UNROLLED) - PART 1 OF 2

SCALE: 1/8" = 1'-0"




## W3 ELEVATION W3 - BACK RETAINING WALL (UNROLLED) - PART 2 OF 2

SCALE: 1/8" = 1'-0"

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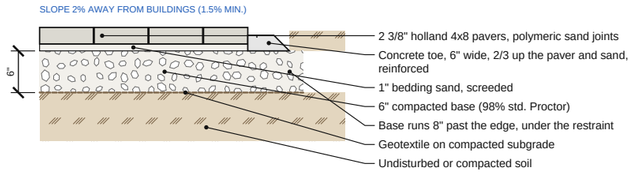
SCALE
**1/8" = 1'-0"**

DRAWN BY
**SC**

SHEET SIZE
**ANSI B (11" x 17")**

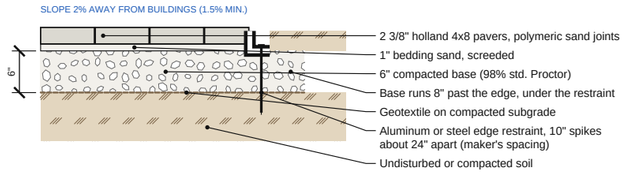
SHEET TITLE
**WALL ELEVATIONS**

# L-2



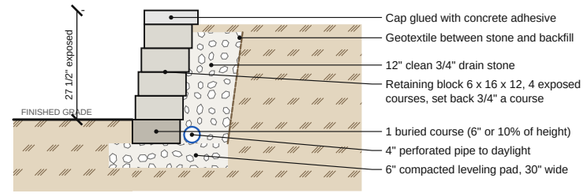

1 **PATIO SECTION: P1** NTS

REF: ICPI / CMHA PAV-TEC-002

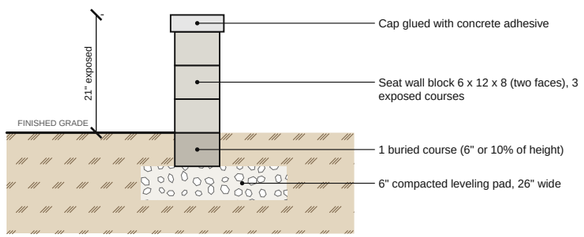



2 **PATIO SECTION: P2** NTS

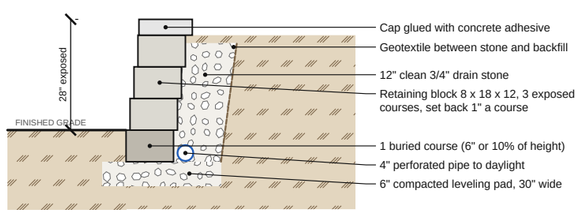
REF: ICPI / CMHA PAV-TEC-002



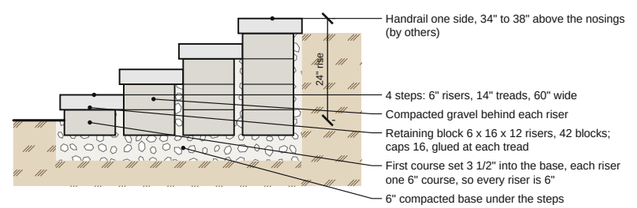

3 **RETAINING WALL SECTION: W1** NTS




4 **SEAT WALL SECTION: W2** NTS




5 **RETAINING WALL SECTION: W3** NTS




6 **BLOCK STEPS SECTION: S1** NTS

**Typical detail, not to scale. Not an engineered design: verify with your building department and the manufacturer's installation instructions.**

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100 Main St, Anytown

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123 Example St

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**NTS**

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**SC**

SHEET SIZE
**ANSI B (11" x 17")**

SHEET TITLE

**TYPICAL SECTIONS & DETAILS**

# L-3

# SCHEDULES & BUY LIST

| TAG / QTY | NAME | BUILD | SIZE | BASE / HEIGHT | QUANTITIES |
|---|---|---|---|---|---|
| **AREAS, WALLS, BEDS AND LAWN** | | | | | |
| **P1** | Terrace | Concrete pavers, Holland 4x8, Herringbone 90°, soldier border | 392 sf | 6" base, dig 9 3/8" | 2173 pcs, 173 cuts; 30 LF edge, concrete toe |
| **W1** | Terrace wall | Retaining block 6 x 16 x 12 | 54' long | max 2', avg 1' 9" | 190 block, 43 caps |
| **S1** | Terrace steps | Retaining block 6 x 16 x 12 | 4 steps, 60" wide | 6" rise, 14" tread, handrail one side | 42 block, 16 caps |
| **P2** | Fire pit patio | Concrete pavers, Holland 4x8, Running bond, sailor border | 254 sf | 6" base, dig 9 3/8" | 1383 pcs, 234 cuts; 55 LF edge, aluminum or steel |
| **W2** | Seat wall | Seat wall block 6 x 12 x 8 (two faces), freestanding | 30' 4 1/2" long | max 1' 8", avg 1' 8" | 128 block, 22 caps |
| **B1** | Bed below the wall | Bark 3" over 6" topsoil | 50 sf | 30 LF edging | 9 ornamental grass, 1 gal |
| **B2** | Bed below the wall, east | Bark 3" over 6" topsoil | 50 sf | 30 LF edging | 18 perennial, 1 gal |
| **B3** | Corner bed | Bark 3" over 6" topsoil | 246 sf | 59 LF edging | 12 shrub, 5 gal |
| **W3** | Back retaining wall | Retaining block 8 x 18 x 12 | 190' 6 3/4" long | max 2' 4", avg 1' 10 1/4" | 490 block, 134 caps |
| **PLANT SCHEDULE** | | | | | |
| **9** | Ornamental grass, 1 gal | perennial | 2' spread | | $162 |
| **18** | Perennial, 1 gal | perennial | 1' 6" spread | | $324 |
| **12** | Shrub, 5 gal | shrub | 4' spread | | $660 |
| **1** | Deciduous tree, 2 in. caliper | tree | 14' spread | | $350 |

**BUY LIST**

| SEL. | ITEM | QTY | NOTE (ALLOWANCE, CONVERSION) | COST |
|---|---|---|---|---|
| **L1** | Pavers, Holland 4x8 | 778 sf | 7.5 pallets at 105 sf; laid area plus cut pieces and border courses from the paver layout, P1, P2 | $3,307 |
| | Base gravel, crushed (D-1) | 42.1 ton | = 31.2 CY (15 paver areas, 15.7 walls, 0.5 steps); compacted depth x 1.25 for compaction, at 1.35 ton per CY | $1,347 |
| | Bedding sand, concrete sand | 2.7 ton | = 2 CY; 1 in. screeded bedding layer, at 1.35 ton per CY | $108 |
| | Geotextile fabric | 1560 sf | +10% for overlaps: under the base, behind walls | $390 |
| | Edge restraint spikes, 10 in. | 28 ea | one per 2 ft of aluminum or steel | $13 |
| | Polymeric sand | 14 bag | about 50 sf per bag, check the label | $448 |
| **L4** | Retaining block 6 x 16 x 12 | 190 ea | W1, 5% extra | $1,235 |
| **L5** | Seat wall block 6 x 12 x 8 (two faces) | 128 ea | W2, 5% extra; courses on curves counted on their own radius | $768 |
| **L6** | Retaining block 8 x 18 x 12 | 490 ea | W3, 5% extra | $4,410 |
| **L7** | Caps for retaining block 6 x 16 x 12 | 43 ea | W1, 5% extra | $366 |
| **L8** | Caps for seat wall block 6 x 12 x 8 (two faces) | 22 ea | W2, 5% extra; taper-cut on curves | $264 |
| **L9** | Caps for retaining block 8 x 18 x 12 | 134 ea | W3, 5% extra | $1,474 |
| **L10** | Retaining block 6 x 16 x 12 for steps | 42 ea | S1, 5% extra | $273 |
| **L10** | Step caps for retaining block 6 x 16 x 12 | 16 ea | S1, 5% extra | $136 |
| | Cap adhesive, 10 oz | 20 tube | one tube per 15 LF of capped wall | $180 |
| | Drain rock, clean 3/4 in. | 31.3 ton | = 22.4 CY (22.4 walls); at 1.4 ton per CY | $1,189 |
| | Perforated drain pipe, 4 in. | 265 LF | wall length + 10 ft outlet to daylight per retaining wall | $424 |
| | Topsoil, screened | 6.4 CY | depths as scheduled, in place | $288 |
| **L12** | Bark mulch | 3.2 CY | depth as scheduled | $144 |
| | Landscape fabric (beds) | 381 sf | +10% for overlaps | $95 |
| **L11** | Steel or aluminum edging | 120 LF | bed edges not held by paving, walls or buildings | $300 |
| **L13** | Ornamental grass, 1 gal | 9 ea | | $162 |
| **L14** | Perennial, 1 gal | 18 ea | | $324 |
| **L15** | Shrub, 5 gal | 12 ea | | $660 |
| **L16** | Deciduous tree, 2 in. caliper | 1 ea | | $350 |
| | Concrete mix, 80 lb bags (edge restraint), concrete toe | 6 bag | P1 concrete toe 6 x 2 1/4 in. (30 LF); 0.6 cf per bag, +10% | $45 |
| | Paver edge restraint, aluminum or steel | 55 LF | about 7 pieces of 8 ft; 55 LF on curves: bend it to the curve, spikes closer together | $248 |
| | MATERIAL TOTAL | | | $18,947 |


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SHEET SIZE
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SHEET TITLE
**SCHEDULES & BUY LIST**

# L-4