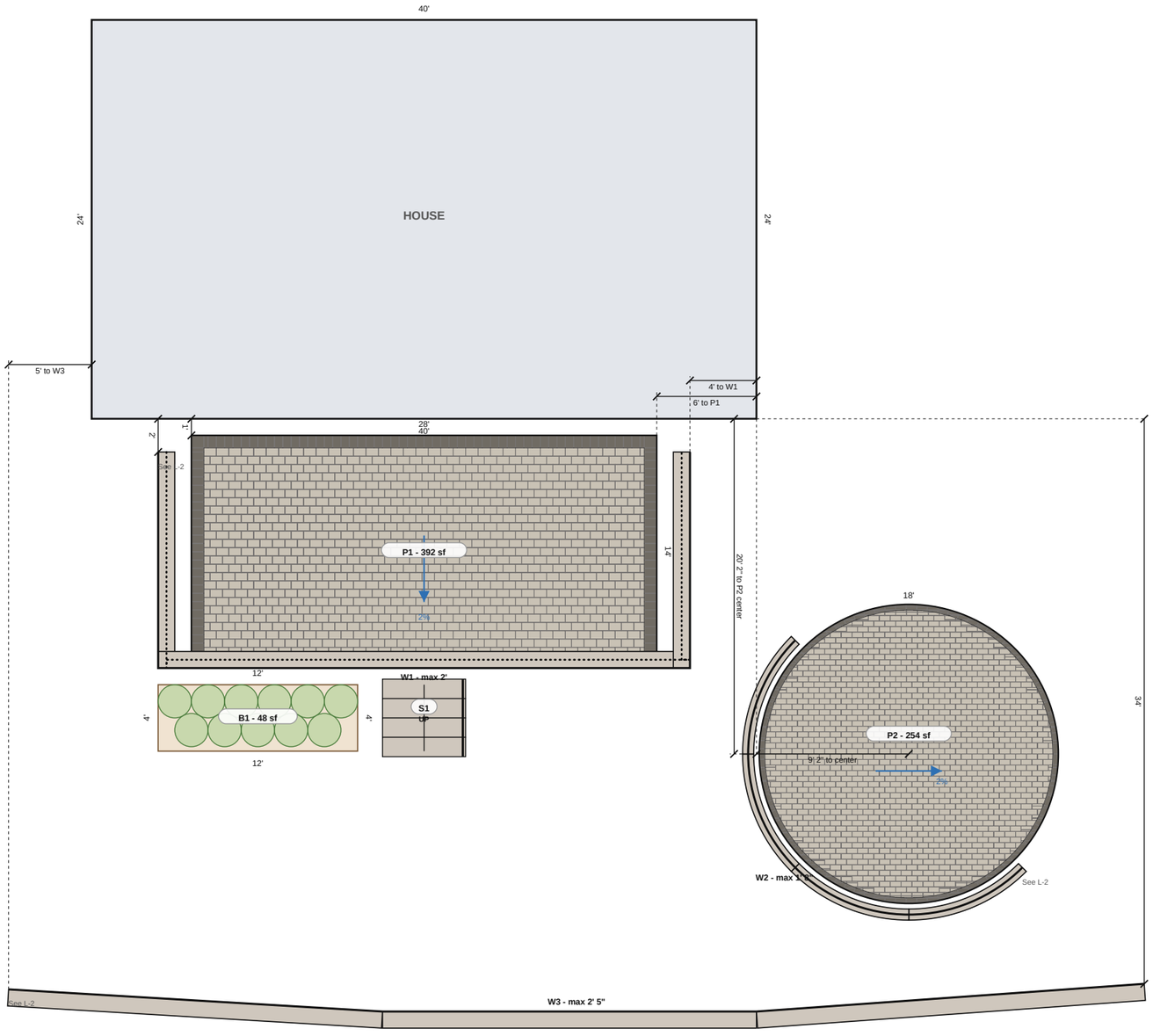


1 **SITE PLAN**

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

0 10'

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

N

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

Terrace, fire pit and back wall
Client: Sample client
123 Example St

NOTICE

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Not an engineered or stamped design. Walls over 4 ft or holding a surcharge need an engineer. Verify dimensions, grades and property lines; the contractor confirms local code and permit requirements.

REVISIONS

REV	DATE	DESCRIPTION
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DATE
10/18/2026

SCALE
1/8" = 1'-0"

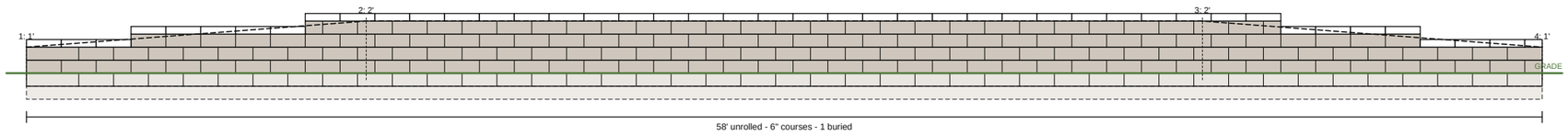
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SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
SITE PLAN & NOTES

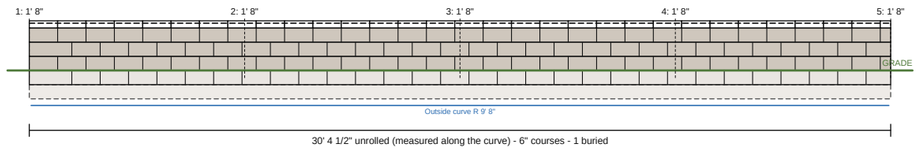
L-1

SHEET 1 OF 4



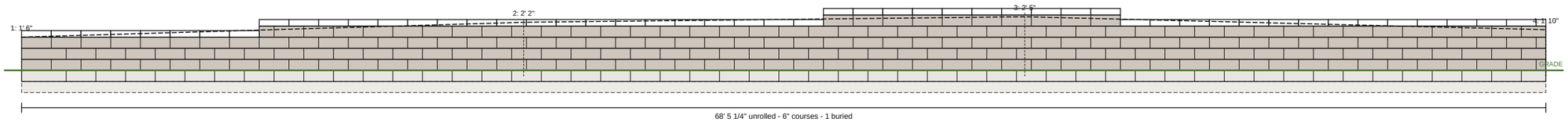
W1 ELEVATION W1 - TERRACE WALL (UNROLLED)

SCALE: 3/16" = 1'-0"



W2 ELEVATION W2 - SEAT WALL (UNROLLED)

SCALE: 3/16" = 1'-0"



W3 ELEVATION W3 - BACK RETAINING WALL (UNROLLED)

SCALE: 3/16" = 1'-0"

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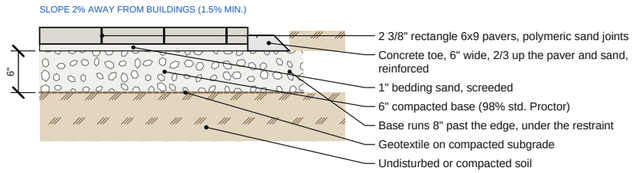
SCALE
3/16" = 1'-0"

DRAWN BY
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SHEET SIZE
ANSI B (11" x 17")

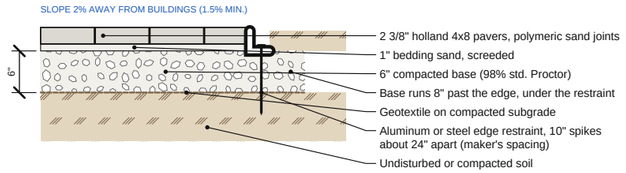
SHEET TITLE
WALL ELEVATIONS

L-2



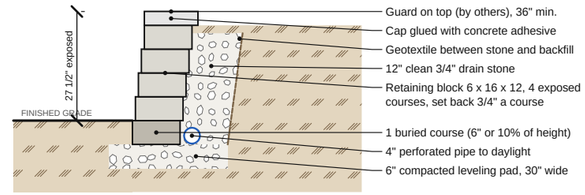
1 PATIO SECTION: P1 — NTS

REF: ICPI / CMHA PAV-TEC-002

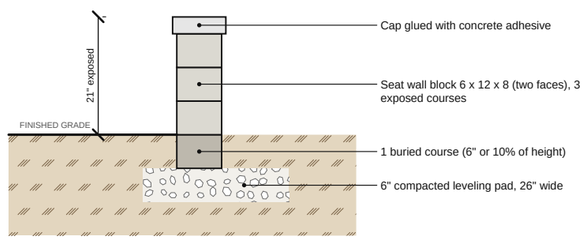


2 PATIO SECTION: P2 — NTS

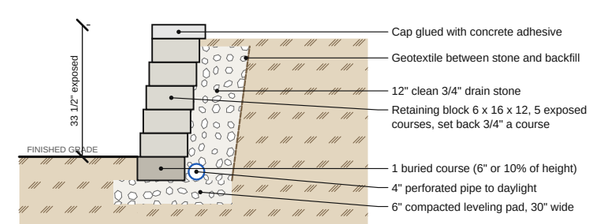
REF: ICPI / CMHA PAV-TEC-002



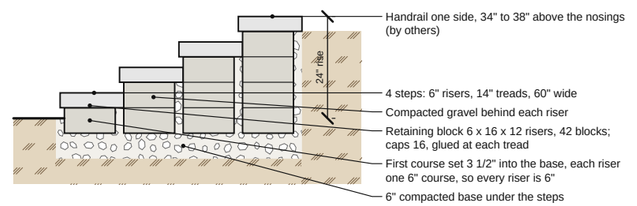
3 RETAINING WALL SECTION: W1 — NTS



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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SCALE
NTS

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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, Rectangle 6x9, Running bond, soldier border	392 sf	6" base, dig 9 3/8"	1194 pcs, 45 cuts; 56 LF edge, concrete toe
W1	Terrace wall	Retaining block 6 x 16 x 12	58' long	max 2', avg 1' 9 1/4"	206 block, 46 caps, guard 58 LF
S1	Steps	Retaining block 6 x 16 x 12	4 steps, 60" wide	6" rise, 14" tread, handrail one side	42 block, 16 caps
B1	Bed below the wall	Bark 3" over 6" topsoil	48 sf	32 LF edging	11 ornamental grass, 1 gal
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
W3	Back retaining wall	Retaining block 6 x 16 x 12	68' 5 1/4" long	max 2' 5", avg 2' 1"	272 block, 54 caps
PLANT SCHEDULE					
11	Ornamental grass, 1 gal	perennial	2' spread		$198

BUY LIST

SEL.	ITEM	QTY	NOTE (ALLOWANCE, CONVERSION)	COST
L1	Pavers, Rectangle 6x9	448 sf	4.1 pallets at 110 sf; laid area plus cut pieces and border courses from the paver layout, P1	$2,016
L2	Pavers, Holland 4x8	303 sf	2.9 pallets at 105 sf; laid area plus cut pieces and border courses from the paver layout, P2	$1,288
	Base gravel, crushed (D-1)	32.9 ton	= 24.3 CY (15 paver areas, 8.8 walls, 0.5 steps); compacted depth x 1.25 for compaction, at 1.35 ton per CY	$1,053
	Bedding sand, concrete sand	2.7 ton	= 2 CY; 1 in. screeded bedding layer, at 1.35 ton per CY	$108
	Geotextile fabric	1147 sf	+10% for overlaps: under the base, behind walls	$287
	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
L5	Retaining block 6 x 16 x 12	478 ea	W1, W3, 5% extra	$3,107
L6	Seat wall block 6 x 12 x 8 (two faces)	128 ea	W2, 5% extra; courses on curves counted on their own radius	$768
L7	Caps for retaining block 6 x 16 x 12	100 ea	W1, W3, 5% extra	$850
L8	Caps for seat wall block 6 x 12 x 8 (two faces)	22 ea	W2, 5% extra; taper-cut on curves	$264
L9	Retaining block 6 x 16 x 12 for steps	42 ea	S1, 5% extra	$273
L9	Step caps for retaining block 6 x 16 x 12	16 ea	S1, 5% extra	$136
	Cap adhesive, 10 oz	12 tube	one tube per 15 LF of capped wall	$108
	Drain rock, clean 3/4 in.	16 ton	= 11.4 CY (11.4 walls); at 1.4 ton per CY	$608
	Perforated drain pipe, 4 in.	147 LF	wall length + 10 ft outlet to daylight per retaining wall	$235
	Topsoil, screened	0.9 CY	depths as scheduled, in place	$41
L11	Bark mulch	0.4 CY	depth as scheduled	$18
	Landscape fabric (beds)	53 sf	+10% for overlaps	$13
L10	Steel or aluminum edging	32 LF	bed edges not held by paving, walls or buildings	$80
L12	Ornamental grass, 1 gal	11 ea		$198
	Concrete mix, 80 lb bags (edge restraint), concrete toe	10 bag	P1 concrete toe 6 x 2 1/4 in. (56 LF); 0.6 cf per bag, +10%	$75
	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			$12,233

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SHEET TITLE
SCHEDULES & BUY LIST

L-4