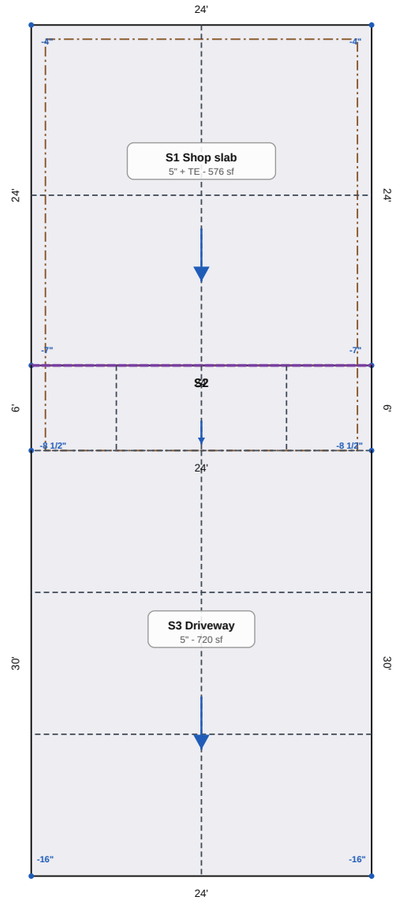
N





TRUCK

1 SITE PLAN: SLABS, JOINTS & GRADES

SCALE: 3/32" = 1'-0"

0 10'

- Formed edge
- Control joint
- Isolation joint (house, walls, existing)
- Thickened edge (inside line)
- Cold joint, dowelled
- Fall arrow; spot heights in in. from the house floor

PREPARED BY

Sample Contracting Co.

PROJECT

Shop slab and drive

Client: Sample client

123 Example St

NOTICE

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REVISIONS

REV	DATE	DESCRIPTION
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DATE
10/22/2026

SCALE
3/32" = 1'-0"

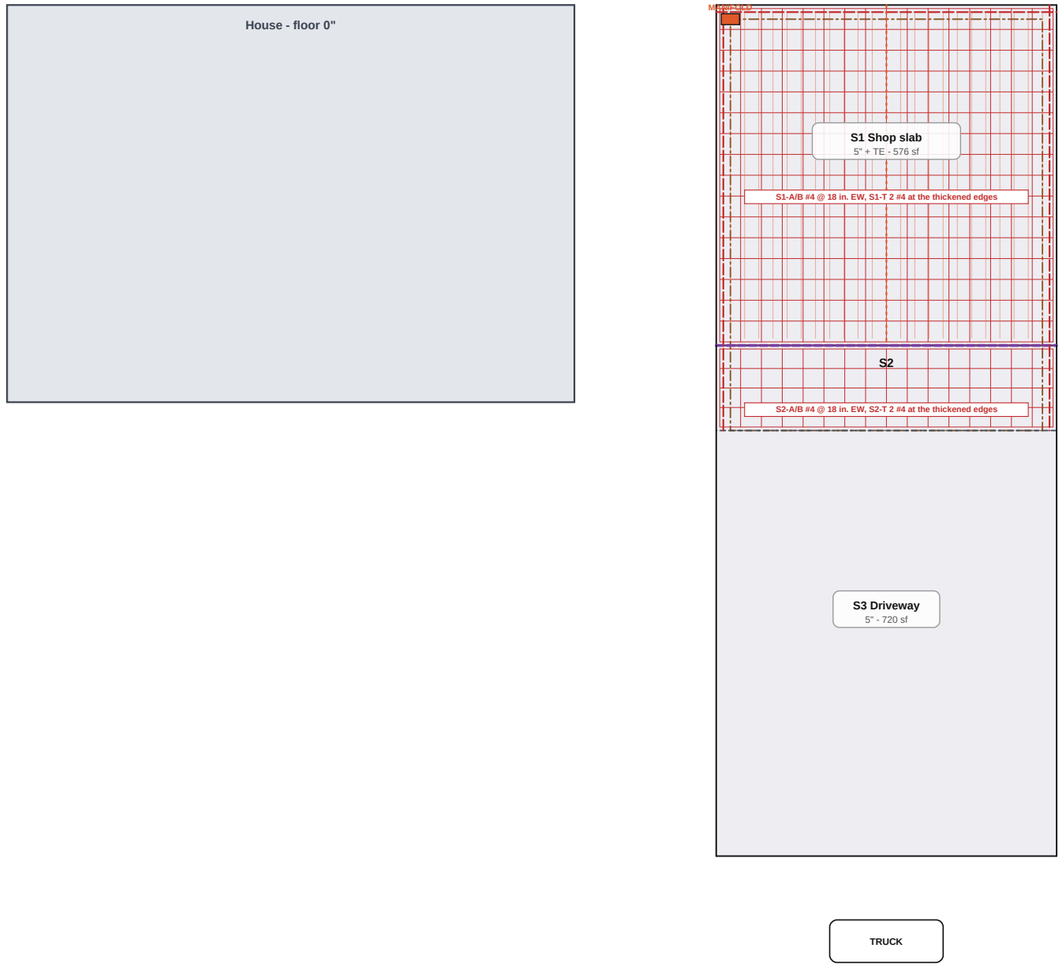
DRAWN BY
SC

SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE

SITE PLAN: SLABS, JOINTS & GRADES

C-1



N

Slab grid bars (each way, on chairs)

Thickened-edge and footing bars, continuous with laps

PEX

2 REBAR PLACEMENT PLAN

SCALE: 3/32" = 1'-0"

0 10'

PREPARED BY

Sample Contracting Co.

PROJECT

Shop slab and drive

Client: Sample client

123 Example St

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SCALE
3/32" = 1'-0"

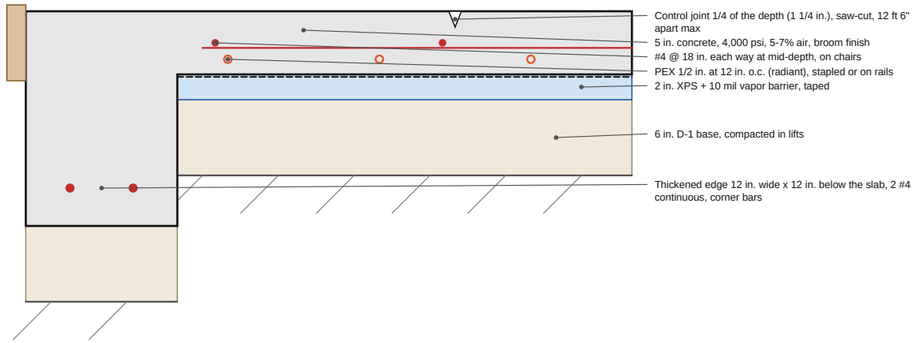
DRAWN BY
SC

SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE

REBAR PLACEMENT PLAN

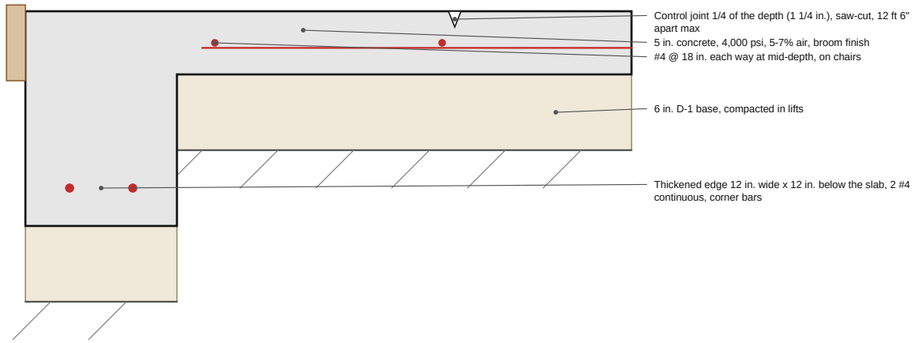
C-2



1 SLAB SECTION: S1

SCALE: 1" = 1'-0"

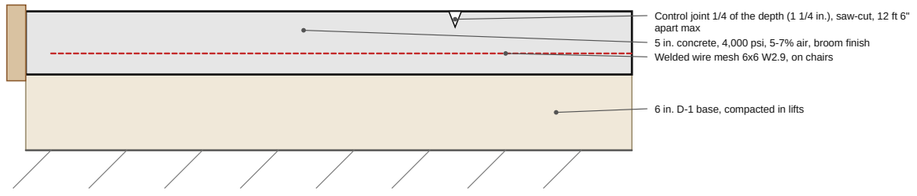
Shop slab: 5" broom, thickened edge 12 x 12 in., base 6"



2 SLAB SECTION: S2

SCALE: 1" = 1'-0"

Apron: 5" broom, thickened edge 12 x 12 in., base 6"



3 SLAB SECTION: S3

SCALE: 1" = 1'-0"

Driveway: 5" broom, base 6"

PREPARED BY

Sample Contracting Co.

PROJECT

Shop slab and drive

Client: Sample client

123 Example St

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REVISIONS

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DATE

10/22/2026

SCALE

1" = 1'-0"

DRAWN BY

SC

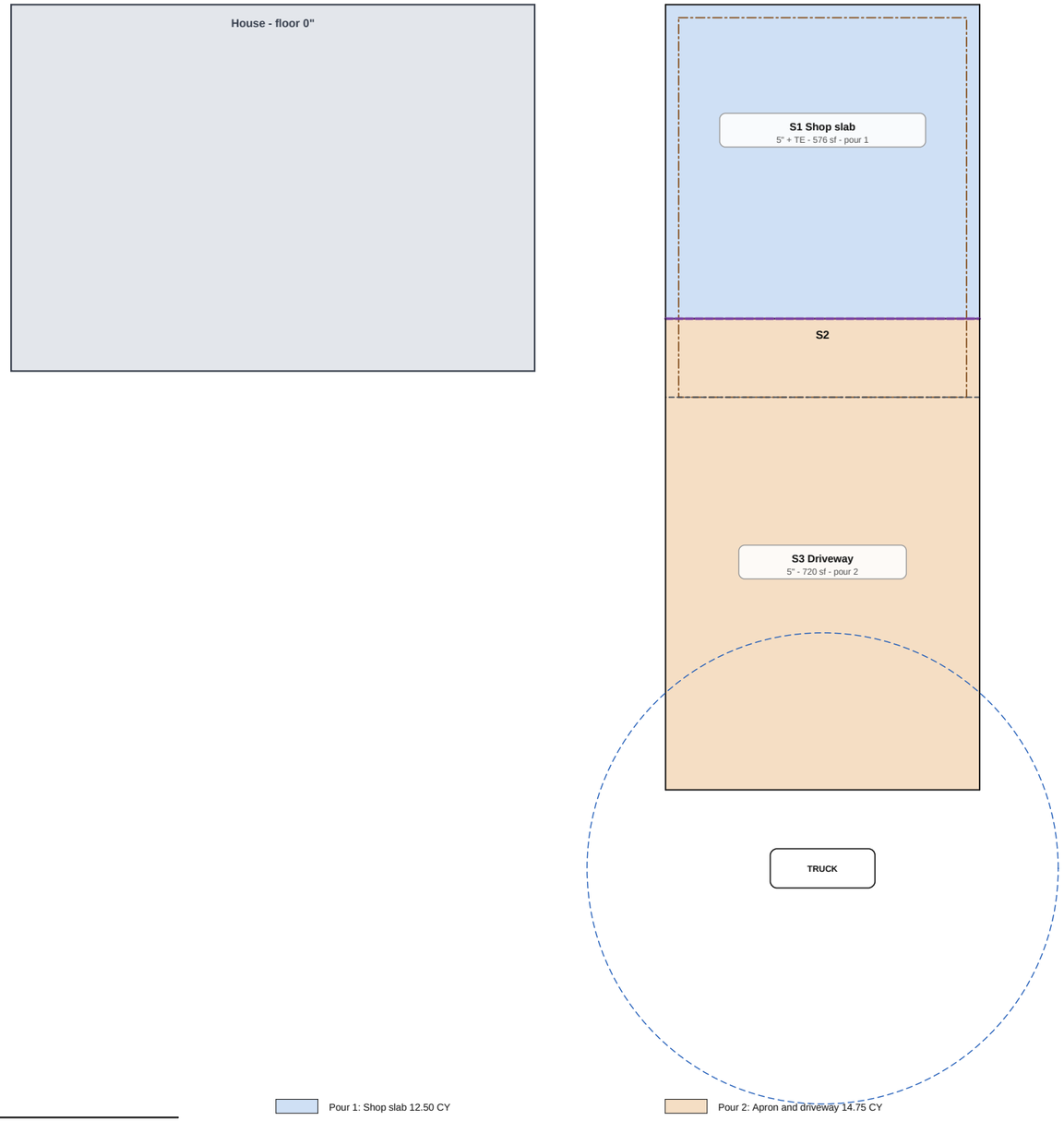
SHEET SIZE

ANSI B (11" x 17")

SHEET TITLE

SECTIONS & DETAILS

C-3



N

4 **POUR PLAN**

SCALE: 3/32" = 1'-0"

0 10'

PREPARED BY

Sample Contracting Co.

PROJECT

Shop slab and drive

Client: Sample client

123 Example St

NOTICE

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REVISIONS

REV	DATE	DESCRIPTION
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DATE
10/22/2026

SCALE
3/32" = 1'-0"

DRAWN BY
SC

SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE

POUR PLAN

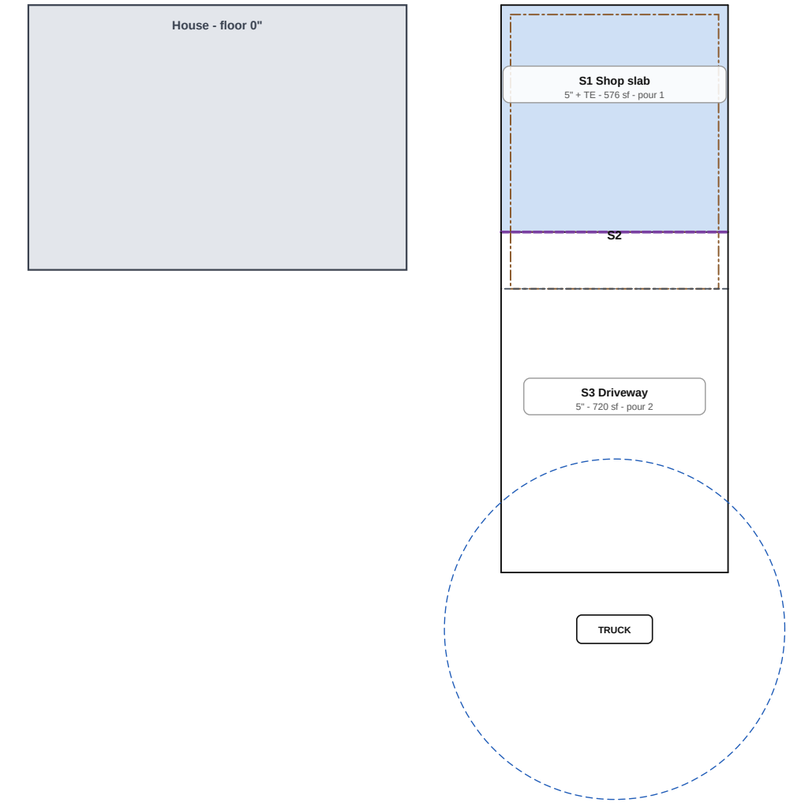
C-4

READY-MIX ORDER: POUR 1 OF 2

Shop slab - 12.50 CY

POUR	1 of 2: Shop slab
WHAT	S1 Shop slab 11.48 CY
JOB	Shop slab and drive for Sample client
DELIVER TO	123 Example St
DATE AND TIME	(set the day)
ORDER	**12.50 CY (11.48 CY in place + 7% waste, rounded up to the 1/4 CY)**
TRUCKS	2 x 10 CY trucks: 10.00 + 2.50 CY, about 25 min apart
MIX	**4,000 psi at 28 days, 5 in. slump, 5-7% air entrained (freeze-thaw), 3/8 in. (pea gravel pump mix) aggregate**
ADMIXTURES	hot water
PLACEMENT	Pump: farthest point 67.1 ft from the truck (K1)
CREW	about 14.4 crew-hours to place and finish (4 people: about 3.6 h)
COLD WEATHER	hot water; blankets on hand for cold nights
NOTES	-
ORDERED BY	Sample Contracting Co., SC

Confirm the mix, slump and admixtures with your plant. Code figures are defaults to verify.



1 **POUR 1 (SHADED)**

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

PREPARED BY

Sample Contracting Co.

PROJECT

Shop slab and drive
Client: Sample client
123 Example St

NOTICE

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REVISIONS

REV	DATE	DESCRIPTION
0	10/22/2026	Issued for review

DATE
10/22/2026

SCALE
1/16" = 1'-0"

DRAWN BY
SC

SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
READY-MIX ORDER: POUR 1

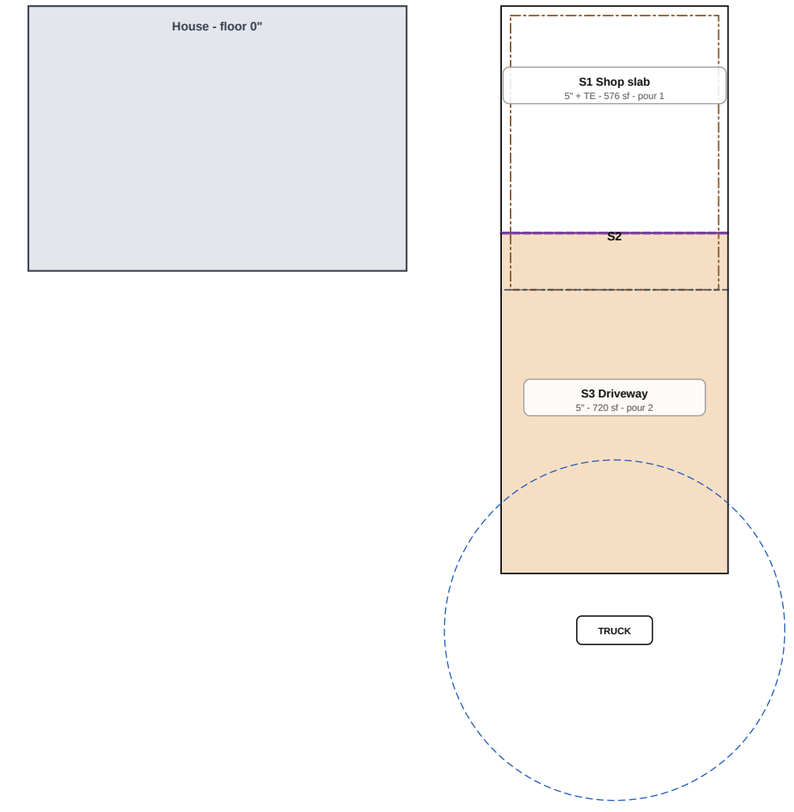
C-5

READY-MIX ORDER: POUR 2 OF 2

Apron and driveway - 14.75 CY

POUR	2 of 2: Apron and driveway
WHAT	S2 Apron 2.67 CY; S3 Driveway 11.11 CY
JOB	Shop slab and drive for Sample client
DELIVER TO	123 Example St
DATE AND TIME	(set the day)
ORDER	**14.75 CY (13.78 CY in place + 7% waste, rounded up to the 1/4 CY)**
TRUCKS	2 x 10 CY trucks: 10.00 + 4.75 CY, about 25 min apart
MIX	**4,000 psi at 28 days, 5 in. slump, 5-7% air entrained (freeze-thaw), 3/8 in. (pea gravel pump mix) aggregate**
ADMIXTURES	hot water
PLACEMENT	Pump: farthest point 43.7 ft from the truck (K1)
CREW	about 21.6 crew-hours to place and finish (4 people: about 5.4 h)
COLD WEATHER	hot water; blankets on hand for cold nights
NOTES	-
ORDERED BY	Sample Contracting Co., SC

Confirm the mix, slump and admixtures with your plant. Code figures are defaults to verify.



1 **POUR 2 (SHADED)**

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

PREPARED BY

Sample Contracting Co.

PROJECT

Shop slab and drive
Client: Sample client
123 Example St

NOTICE

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REVISIONS

REV	DATE	DESCRIPTION
0	10/22/2026	Issued for review

DATE
10/22/2026

SCALE
1/16" = 1'-0"

DRAWN BY
SC

SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
READY-MIX ORDER: POUR 2

C-6

SHEET 6 OF 8

SCHEDULES & BAR LIST

TAG	SLAB	TYPE	AREA	THICK	CONCRETE	BASE	FORMS	JOINTS	ISOLATION	FINISH	REINFORCING	POUR
SLABS & FLATWORK (CONCRETE IN PLACE, THICKENED EDGES INCLUDED; BASE COMPACTED)												
S1	Shop slab	Garage / shop slab	576 sf	5 in. + 12x12 TE	11.48 CY	13.33 CY	96 LF	48 LF	0 LF	Broom	#4 @ 18 in.	1
S2	Apron	Driveway	144 sf	5 in. + 12x12 TE	2.67 CY	3.33 CY	12 LF	42 LF	0 LF	Broom	#4 @ 18 in.	2
S3	Driveway	Driveway	720 sf	5 in.	11.11 CY	16.67 CY	84 LF	78 LF	0 LF	Broom	Wire mesh	2
	TOTAL		1,440 sf		25.26 CY	33.33 CY	192 LF	168 LF	0 LF			

JOINTS

TAG	SLAB	JOINTS	MAX APART	PANELS	CONTROL	ISOLATION	DOWELLED	SAW-CUT OLD
S1	Shop slab	Saw-cut	12' 6"	12' x 12' max	48 LF	0 LF	0 LF	0 LF
S2	Apron	Saw-cut	12' 6"	6' x 6' max	42 LF	0 LF	24 LF	0 LF
S3	Driveway	Saw-cut	12' 6"	10' x 12' max	78 LF	0 LF	0 LF	0 LF

POURS & READY-MIX (ORDER = IN PLACE + 7% WASTE, UP TO THE 1/4 CY)

#	POUR	WHAT	IN PLACE	ORDER	TRUCKS	MIX	PLACEMENT	CREW
1	Shop slab	S1	11.48 CY	12.50 CY	2	4,000 psi, 5 in. slump, 5-7% air, 3/8 in. (pea gravel pump mix) rock, hot water	Pump (67.1 ft)	14.4 h
2	Apron and driveway	S2, S3	13.78 CY	14.75 CY	2	4,000 psi, 5 in. slump, 5-7% air, 3/8 in. (pea gravel pump mix) rock, hot water	Pump (43.7 ft)	21.6 h
	TOTAL		25.26 CY	27.25 CY	4			36 h

RADIANT & SNOWMELT PEX 1/2 IN. (LOOPS 300 FT MAX WITH LEADERS)

TAG	SLAB	USE	SPACING	IN THE SLAB	LOOPS	EACH LOOP	TOTAL	MANIFOLDS
S1	Shop slab	Radiant floor	12 in.	576 LF	2	294 ft	588 LF	1

BAR SCHEDULE: CUT LENGTHS, LAPS 40 BAR DIAMETERS, 20 FT STOCK, COVER 3 IN.

MARK	SIZE	QTY	LENGTH	BEND	LAP	LF	LB	WHERE
S1-A	#4	17	20'-0"	Straight	20 in.	340 LF	227.1 lb	S1 Shop slab
S1-A	#4	17	5'-2"	Straight	20 in.	87.8 LF	58.7 lb	S1 Shop slab
S1-B	#4	17	20'-0"	Straight	20 in.	340 LF	227.1 lb	S1 Shop slab
S1-B	#4	17	5'-2"	Straight	20 in.	87.8 LF	58.7 lb	S1 Shop slab
S1-T	#4	6	20'-0"	Straight	20 in.	120 LF	80.2 lb	S1 Shop slab
S1-T	#4	2	5'-8"	Straight	20 in.	11.3 LF	7.6 lb	S1 Shop slab
S1-T	#4	4	5'-5"	Straight	20 in.	21.7 LF	14.5 lb	S1 Shop slab
S1-TC	#4	4	3'-4"	Corner 20 x 20 in.	-	13.3 LF	8.9 lb	S1 Shop slab
S2-A	#4	5	20'-0"	Straight	20 in.	100 LF	66.8 lb	S2 Apron
S2-A	#4	5	5'-2"	Straight	20 in.	25.8 LF	17.3 lb	S2 Apron
S2-B	#4	17	5'-6"	Straight	-	93.5 LF	62.5 lb	S2 Apron
S2-T	#4	4	5'-6"	Straight	-	22 LF	14.7 lb	S2 Apron

STOCK BARS TO ORDER

SIZE	STOCK	BARS	PIECES	LF	LB
#4	20 ft	67 bars	115 pieces	1,263.3 LF	844 lb
TOTAL				1,263.3 LF	844 lb

BUY LIST

GROUP	ITEM	QTY	PRICE	EXTENDED	NOTE
Ready-mix	**Ready-mix, Shop slab: 4,000 psi, 5-7% air**	12.5 CY			11.48 CY in place + 7% waste, up to the 1/4 CY; 2 trucks (10.00 + 2.50)
Ready-mix	**Concrete pump, Shop slab**	1 pour			farthest point 67.1 ft from the truck
Ready-mix	**Ready-mix, Apron and driveway: 4,000 psi, 5-7% air**	14.75 CY			13.78 CY in place + 7% waste, up to the 1/4 CY; 2 trucks (10.00 + 4.75)
Ready-mix	**Concrete pump, Apron and driveway**	1 pour			farthest point 43.7 ft from the truck
Ready-mix	**Hot water (plant add)**	27.25 CY			Shop slab, Apron and driveway
Base & under the slab	**Base gravel (D-1 / crushed), compacted**	33.3 CY			S1 6", S2 6", S3 6" deep; x 1.25 for compaction
Base & under the slab	**Vapor barrier 10 mil (20 x 100 ft rolls)**	1 rolls			576 sf + 10% laps, seams taped
Base & under the slab	**Rigid insulation under the slab, 2 in. XPS (4 x 8 sheets)**	19 sheets			576 sf + 5%
Forms & joints	**Form boards 2x6, 12 ft**	18 pcs			192 LF of slab edges + 10%
Forms & joints	**Form stakes (one per 3 ft)**	64 each			192 LF of forms
Forms & joints	**Dowels #4 x 24 in. at 24 in. o.c.**	12 each			24 LF of cold joints and joints into existing concrete
Rebar & accessories	**#4 rebar, 20 ft bars**	67 bars			1,263.3 LF in the bar list (laps included), 844 lb; 115 pieces cut from 67 bars, 76.7 LF off-cuts
Rebar & accessories	**Rebar chairs for the slab grid**	80 each			about one every 36" each way
Rebar & accessories	**Tie wire (3 1/2 lb coils)**	2 coils			about one coil per 600 lb of bar
Rebar & accessories	**Welded wire mesh 6x6 W2.9xW2.9 (8 x 20 ft sheets)**	6 sheets			720 sf + 15% laps; on chairs
Radiant	**PEX 1/2 in. oxygen barrier (1000 ft coils)**	1 coils			588 LF: S1 2 loops of 294 ft; a loop is one piece
Radiant	**Radiant manifold (up to 8 loops)**	1 each			tied in by the heating contractor
Radiant	**PEX staples or rails (one per 2 ft)**	294 each			
Finishing & curing	**Cure & seal (5 gal pails, about 300 sf a gallon)**	1 pails			1,440 sf of flatwork

PREPARED BY

Sample Contracting Co.

PROJECT

Shop slab and drive

Client: Sample client

123 Example St

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REVISIONS

REV	DATE	DESCRIPTION
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DATE

10/22/2026

SCALE

None

DRAWN BY

SC

SHEET SIZE

ANSI B (11" x 17")

SHEET TITLE

SCHEDULES & BAR LIST

C-7

GENERAL NOTES

1. Verify all dimensions, elevations and existing conditions in the field. Call 811 at least 2 business days before digging.
2. Concrete: strength, slump and air per the pour schedule. Exterior concrete air-entrained 5 to 7% for freeze-thaw. No concrete on frozen ground or base. Cure 7 days; no deicing salt the first winter.
3. Base: compacted gravel (D-1) in lifts to the depths shown over firm subgrade; soft spots dug out and replaced.
4. Control joints 1/4 of the slab depth, saw-cut within 4 to 12 hours or tooled. Isolation joints (1/2 in.) at the house, walls, posts and existing concrete. Cold joints dowelled as shown.
5. Rebar: grade 60 per the bar list; laps 40 bar diameters; 3 in. cover against earth; slab bars on chairs; corner bars at footing and wall corners.
6. Footings: bottom at or below the frost depth shown (Anchorage default 42 in.) or frost-protected per IRC R403.3. Anchor bolts 1/2 x 10 in., 7 in. into the concrete, 12 in. from plate ends, 6 ft o.c. max.
7. Code figures here are defaults to verify with the building department. Not an engineered design: where an engineered design is required, it governs.
8. Design: 1,440 sf of flatwork in 3 slabs (25.26 CY incl. thickened edges); joints 168 LF, isolation 0 LF; 2 pours, 25.26 CY in place, 27.25 CY ordered: 1 Shop slab 12.50 CY 4,000 psi 5-7% air pump; 2 Apron and driveway 14.75 CY 4,000 psi 5-7% air pump; rebar 844 lb (67 #4 x 20 ft, laps 40 bar diameters); radiant PEX 588 LF, 1 manifold. Checks: none open. Code figures are defaults to verify with the building department; not an engineered design.

PREPARED BY

Sample Contracting Co.

PROJECT

Shop slab and drive
Client: Sample client
123 Example St

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SCALE
None

DRAWN BY
SC

SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
NOTES

C-8

SHEET 8 OF 8