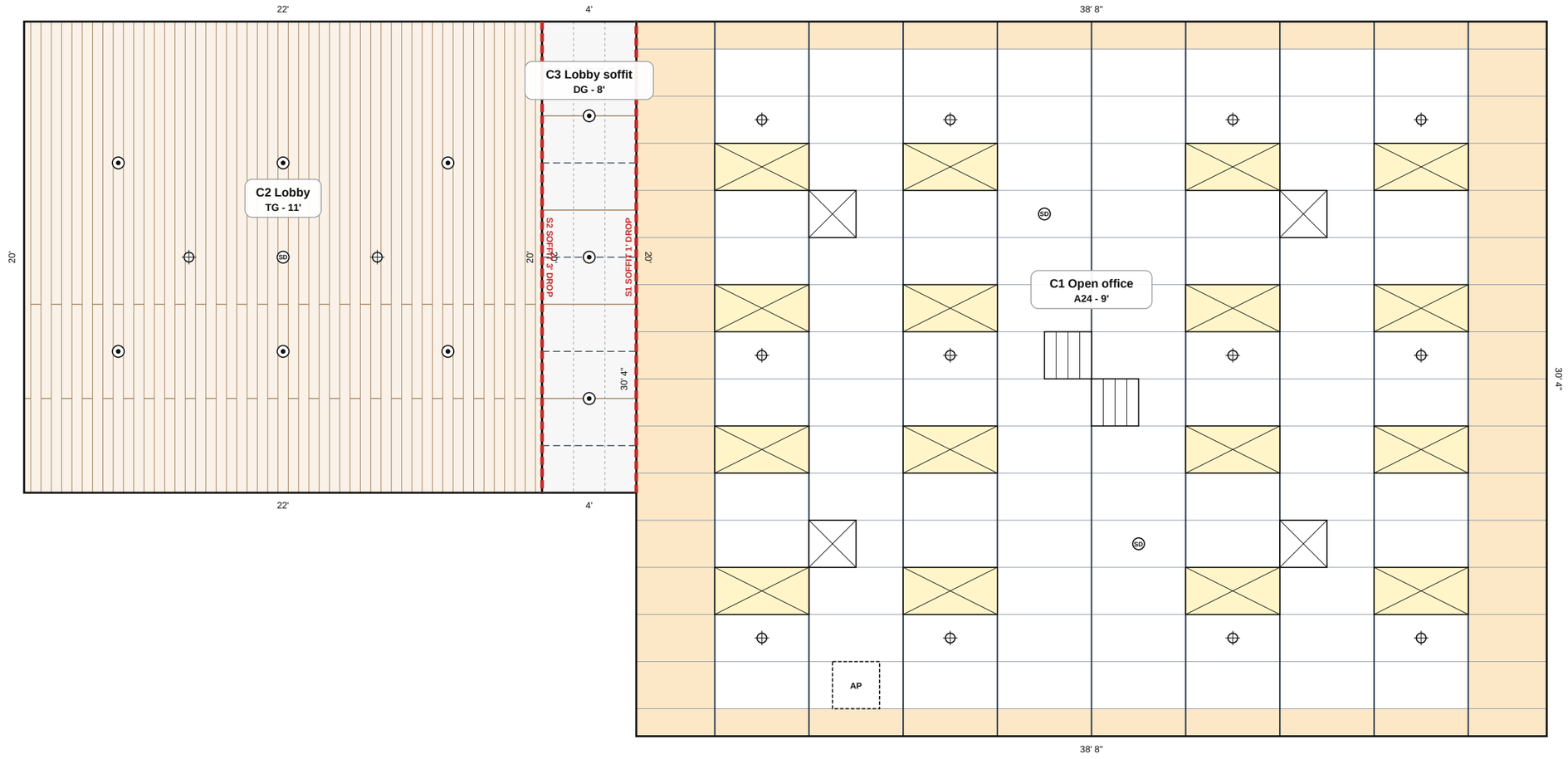


1 REFLECTED CEILING PLAN

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

0 5'

- Main tee
- Cut border tile (cut list C-4)
- 2x4 / 2x2 lay-in light
- Supply diffuser (X) / return grille (lines)
- Can light; SP sprinkler head; SD smoke detector; S speaker; AP access panel
- Soffit (S1) / vault ridge (dash-dot)
- **C1** — C1 = ceiling tag: system code and height above the floor

PREPARED BY

Sample Contracting Co.
100 Main St, Anytown

PROJECT

Sample office suite
Client: Sample client
123 Example St

NOTICE

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REVISIONS

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DATE
10/18/2026

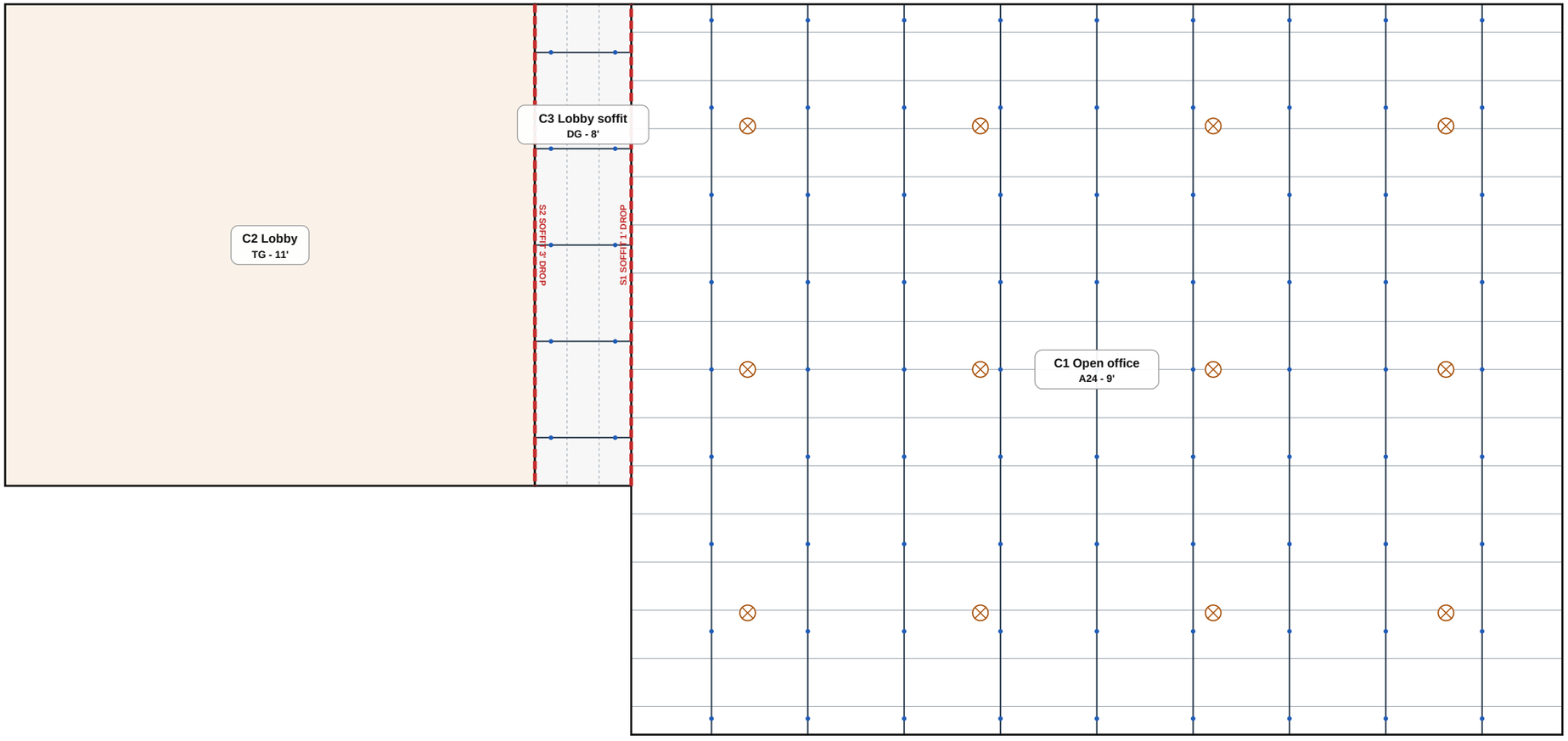
SCALE
3/16" = 1'-0"

DRAWN BY
SC

SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
REFLECTED CEILING PLAN

RC-1



2 SUSPENSION & SEISMIC BRACING PLAN

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

0 5'

- Main tee / carrying channel / carrier
- Cross tee / furring (dashed)
- Hanger wire (C636: 48 in. o.c., 8 in. from main ends) / cable - detail 1/RC-3
- Seismic bracing group: 4 splay wires + compression post (E580) - detail 4/RC-3
- Soffit / bulkhead
- Perimeter (wall angle or channel) - detail 2/RC-3, 3/RC-3

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SCALE
3/16" = 1'-0"

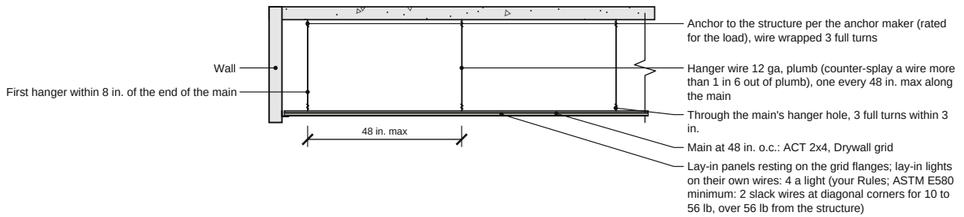
DRAWN BY
SC

SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE

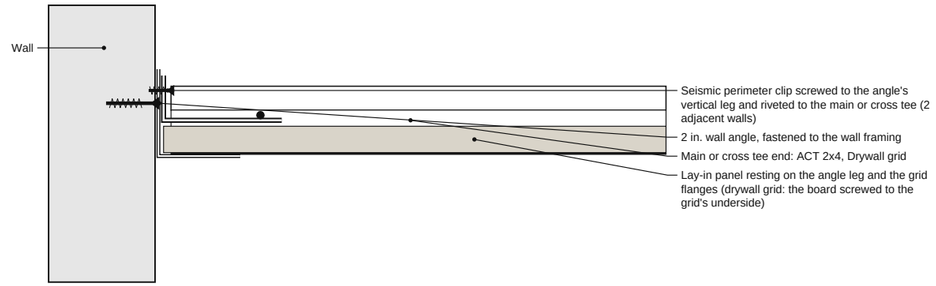
SUSPENSION & SEISMIC BRACING PLAN

RC-2



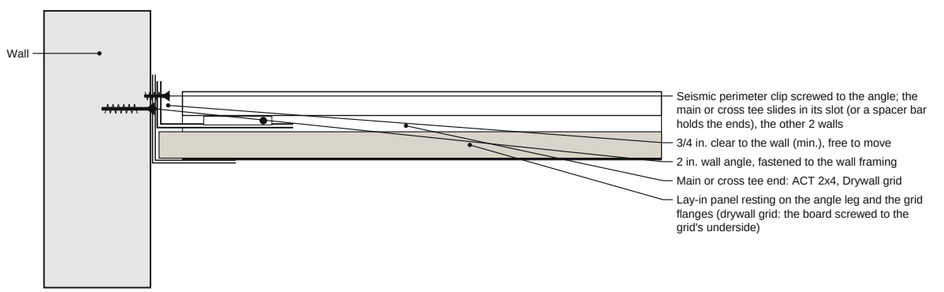
1 **HANGER WIRES ALONG THE MAIN: C1, C3** NTS

REF: ASTM C636



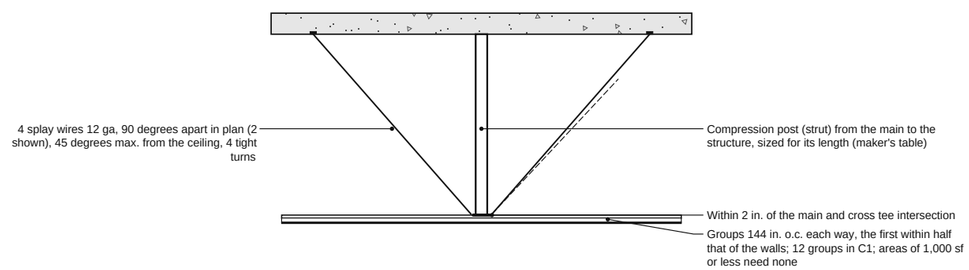
2 **SEISMIC PERIMETER: ATTACHED WALL: C1, C3** NTS

REF: ASTM E580 (seismic categories D-F)



3 **SEISMIC PERIMETER: UNATTACHED WALL: C1, C3** NTS

REF: ASTM E580 (seismic categories D-F)



4 **SEISMIC BRACING GROUP: C1** NTS

REF: ASTM E580 / CISCA zones 3-4

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

PREPARED BY
Sample Contracting Co.
100 Main St, Anytown

PROJECT
Sample office suite
Client: Sample client
123 Example St

NOTICE

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DATE
10/18/2026

SCALE
NTS

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SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
SUSPENSION DETAILS

RC-3

SCHEDULES & BUY LIST

TAG	CEILING	SYSTEM	HEIGHT	AREA	QUANTITIES; FIXTURES
CEILING SCHEDULE					
C1	Open office	ACT 2x4	9'	1172.9 sf	141 tiles (90 full, 48 cut), 273 LF mains, 150 4' tees, 6 2' tees, 81 hangers, 12 bracing groups; 16 lights, 6 diff., 14 heads, 1 access
C2	Lobby	T&G wood, cedar	11'	440 sf	1,020 LF of boards (0% waste), 51 rows; 6 lights, 3 heads
C3	Lobby soffit	Drywall on suspension grid	8'	80 sf	2 sheets (96 sf), 20 LF mains, 10 cross tees, 10 hangers; 3 lights

SOFFITS AND BULKHEADS			
TAG	**BETWEEN**	**DROP**	**LENGTH**
S1	C1 Open office (9') / C3 Lobby soffit (8')	1'	20 LF
S2	C2 Lobby (11') / C3 Lobby soffit (8')	3'	20 LF

BUY LIST			
ITEM	**QTY**	**NOTE**	**COST**
Main tee, 12 ft	23 each	from 273 LF of mains; 2 boxes of 20	$173
4 ft cross tee	150 each	cut ends paired; 3 boxes of 60	$240
2 ft cross tee	6 each	1 box of 60	$5
Drywall grid main beam, 12 ft	2 each	1 box of 12	$20
Drywall grid cross tee, 4 ft	10 each	at 16" o.c.; 1 box of 36	$22
Seismic wall angle 2 in., 12 ft	16 each	186 LF; 1 box of 20	$152
Hanger wire 12 ga + anchor	91 each	C636: 48 in. o.c., within 8 in. of the ends; 1 box of 100	$82
Seismic perimeter clip	62 each	main and tee ends; 1 box of 100	$99
Splay wire 12 ga	48 each	12 bracing groups; 1 box of 100	$48
Compression post	12 each		$216
ACT tile 2x4	19 carton	141 tiles + 3% spare, 8 a carton	$1,178
Drywall 5/8 in. Type X, 4x12	2 sheet	nested rows, end joints on framing	$60
Cedar boards, T&G 8 ft	38 each	C2	$638
Cedar boards, T&G 12 ft	25 each	C2	$630
Cedar boards, T&G 16 ft	26 each	C2	$874
Perimeter trim (cove or crown)	89 LF		$142
Stain / clear coat	3 gal	440 sf, 2 coats	$135
Light fixture support wire	64 each	lay-in lights on their own wires; 1 box of 100	$58
Access panel	1 each		$45
MATERIAL TOTAL			$4,816

PREPARED BY

Sample Contracting Co.
100 Main St, Anytown

PROJECT

Sample office suite
Client: Sample client
123 Example St

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SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
SCHEDULES & BUY LIST

RC-4

CUT LISTS: BORDER TILES BY SIZE; BOARD, SHEET AND PANEL ROWS PIECE BY PIECE FROM THE FIRST WALL

CEILING	LIST	PIECE	QTY	FROM	NOTE
C1	Tiles	24" x 40"	28	2x4 tile	
C1	Tiles	14" x 48"	16	2x4 tile	
C1	Tiles	24" x 24" filler	6	2x4 tile	beside a 2x2 fixture in the 2x4 grid
C1	Tiles	14" x 40"	4	2x4 tile	
C2	Boards	Row 1	2	full 16' + 4' from a 8'	rip to 3 3/8"; joints at 16' from the wall
C2	Boards	Row 2	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 3	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 4	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 5	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 6	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 7	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 8	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 9	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 10	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 11	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 12	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 13	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 14	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 15	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 16	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 17	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 18	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 19	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 20	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 21	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 22	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 23	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 24	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 25	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 26	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 27	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 28	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 29	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 30	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 31	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 32	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 33	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 34	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 35	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 36	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 37	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 38	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 39	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 40	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 41	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 42	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 43	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 44	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 45	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 46	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 47	2	full 16' + 4' (offcut)	joints at 16' from the wall
C2	Boards	Row 48	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 49	2	full 16' + 4' from a 8'	joints at 16' from the wall
C2	Boards	Row 50	2	full 12' + full 8'	joints at 12' from the wall
C2	Boards	Row 51	2	full 16' + 4' (offcut)	rip to 3 3/8"; joints at 16' from the wall
C3	Sheets	Sheet row 1	1	4' from a 12'	
C3	Sheets	Sheet row 2	1	4' (offcut)	
C3	Sheets	Sheet row 3	1	4' (offcut)	
C3	Sheets	Sheet row 4	1	4' from a 12'	
C3	Sheets	Sheet row 5	1	4' (offcut)	

PREPARED BY

Sample Contracting Co.

100 Main St, Anytown

PROJECT

Sample office suite

Client: Sample client

123 Example St

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

SHEET TITLE
CUT LISTS

RC-5

GENERAL NOTES

1. Verify all dimensions, heights and above-ceiling obstructions in the field before ordering. Quantities on the buy list are from the layouts shown.
2. Suspended acoustical ceilings: install per ASTM C636 and the grid maker's instructions. Mains 4 ft on center, hanger wires (12 ga min.) within 8 in. of main ends and at 4 ft max. along the mains, grid level within 1/4 in. in 10 ft.
3. Seismic (ASTM E580, seismic design categories D-F, when Seismic is on in Rules): 2 in. wall angle; mains and tees attached at two adjacent walls with perimeter clips and free with 3/4 in. clearance at the other two; lateral bracing (4 splay wires and a compression post) at 12 ft on center each way within 6 ft of the walls, for ceiling areas over the exempt size; lay-in lights with their own slack safety wires.
4. Light fixtures, diffusers, sprinkler heads and detectors set as shown; wiring, ducts and sprinkler work by their own trades. Border tiles at least half a tile where the layout is balanced.
5. Drywall ceilings (suspension grid or black iron): 5/8 in. board, long edges across the framing, end joints on framing and staggered; screw per the maker. Black iron: 1-1/2 in. carrying channel 4 ft on center, 7/8 in. furring at the spacing shown, wire-tied at every crossing.
6. Wood ceilings: acclimate boards on site; joints on framing, staggered at least two bays row to row; nail or clip per the maker. Vaulted ceilings: boards across the rafters, or strapping where boards run down the slope.
7. Linear, cloud and baffle systems: carriers, cable kits and trims per the maker's instructions and its seismic details.
8. Soffits and bulkheads where ceilings at different heights meet, as tagged. Access panels where shown.
9. C1 Open office (ACT 2x4 at 9'): grid balanced, borders at least half a tile; 90 full and 48 cut tiles (C-4); 81 hangers; 12 bracing groups; lay-in lights on their own wires (64).
10. C2 Lobby (T&G wood at 11'): Cedar boards, 51 rows at 5 1/4" face (first 3 3/8", last 3 3/8"), joints on the 16" framing, staggered at least 2 bays; 1,020 LF from 38 x 8', 25 x 12', 26 x 16' (0% waste).
11. C3 Lobby soffit (Drywall on suspension grid at 8'): 2 sheets 5/8 in. 4x12, long edges across the cross tees, end joints on framing and staggered (C-4); 10 hangers; Level 4 finish.
12. Soffits S1 20 LF, 1' drop; S2 20 LF, 3' drop: frame and finish to match the lower ceiling.
13. References: ASTM C636 (installation of metal ceiling suspension systems), ASTM E580 (seismic, categories D-F), ASTM C754 / C840 (framing and drywall), and each maker's installation instructions. Seismic design category and any engineered bracing are per the project documents.

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100 Main St, Anytown

PROJECT

Sample office suite
Client: Sample client
123 Example St

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SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
INSTALLATION NOTES

RC-6