Maple Street Community Hall

Anytown, USA · Project DT-DEMO-001
Single-story community hall — 3,200 SF gross

DRAWING INDEX

SHEET	TITLE
G-001	COVER SHEET AND DRAWING INDEX
G-002	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
C-101	SITE PLAN
C-201	GRADING AND UTILITIES PLAN
A-101	FLOOR PLAN
A-102	REFLECTED CEILING PLAN
A-201	EXTERIOR ELEVATIONS
A-301	BUILDING SECTIONS
A-401	WALL SECTIONS AND DETAILS
A-601	DOOR AND WINDOW SCHEDULES
A-602	ROOM FINISH SCHEDULE
S-101	FOUNDATION PLAN
S-201	ROOF FRAMING PLAN
S-501	STRUCTURAL DETAILS AND SCHEDULES
E-101	POWER AND LIGHTING PLAN
P-101	PLUMBING AND HVAC PLAN

PROJECT DATA

Gross floor area	3,200 SF
Building footprint	80'-0" x 40'-0"
Height to eave	14'-0"
Parapet height	15'-6"
Occupancy	Assembly A-3
Construction type	Type II-B, non-combustible
Structure	CMU bearing wall, steel joist roof
Slab	5 in slab-on-grade

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PROJECT
Maple Street Community Hall

PROJECT NO.
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SHEET TITLE
COVER SHEET AND DRAWING INDEX

G-001
1 OF 16 SHEETS

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GENERAL NOTES

1. Dimensions are to face of masonry unless noted otherwise.
2. Do not scale drawings. Written dimensions govern.
3. Verify all openings against the door and window schedules on A-601.
4. Room finishes are scheduled on A-602. Where a room is not scheduled, match the adjacent room of the same use.
5. Quantities shown in any schedule are for information; the contractor remains responsible for his own measurement.
6. All CMU to be fully grouted at 48 in o.c. and at all openings.
7. Provide control joints at 24 ft maximum spacing and at all corners.

ABBREVIATIONS

ACT	acoustical ceiling tile	GWB	gypsum wall board
CMU	concrete masonry unit	HM	hollow metal
EIFS	exterior insulation finish	NIC	not in contract
FRP	fiberglass reinforced panel	SOG	slab on grade
TYP	typical	UNO	unless noted otherwise

SYMBOLS

(1) Grid reference
[D1] Door mark — see schedule A-601
< W1 > Window mark — see schedule A-601
 # Keynote — see the sheet it appears on
 --- Property line

SCOPE NOTES

Site lighting and the transformer pad are BY OTHERS.
Kitchen equipment is OWNER FURNISHED, contractor installed, except the extract hood which is in this contract.
Landscape planting beyond the paved area is NIC.

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SHEET TITLE
GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

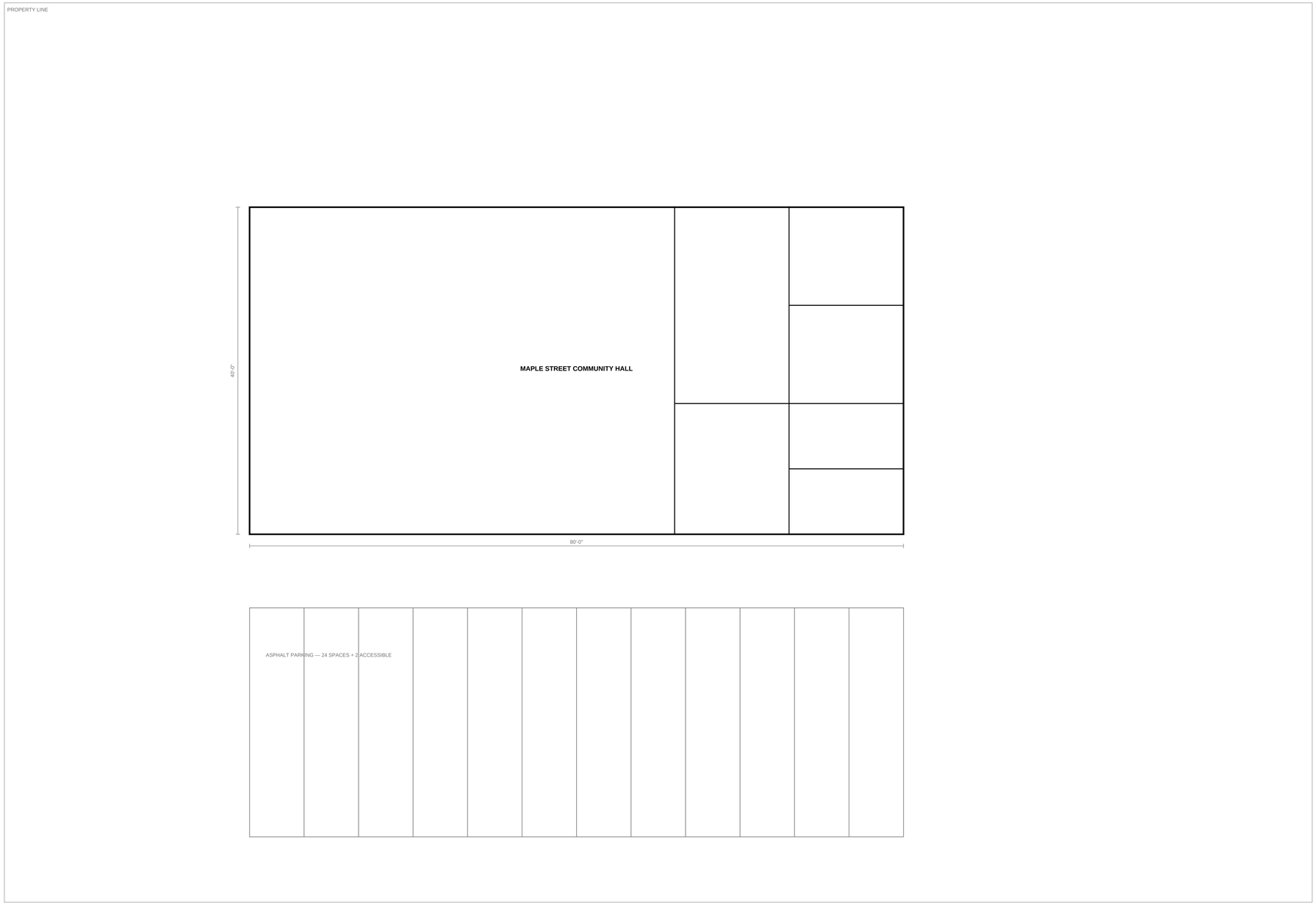
G-002

2 OF 16 SHEETS

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SITE KEYNOTES

1 New 6 in concrete sidewalk, 5 ft wide, broom finish
2 Asphalt paving on 6 in aggregate base
3 Concrete pad for dumpster enclosure, 12 ft x 10 ft
4 Bollards, 6 in steel pipe filled with concrete — 6 no.
5 Site lighting BY OTHERS



SITE PLAN SCALE: 1" = 20'-0"

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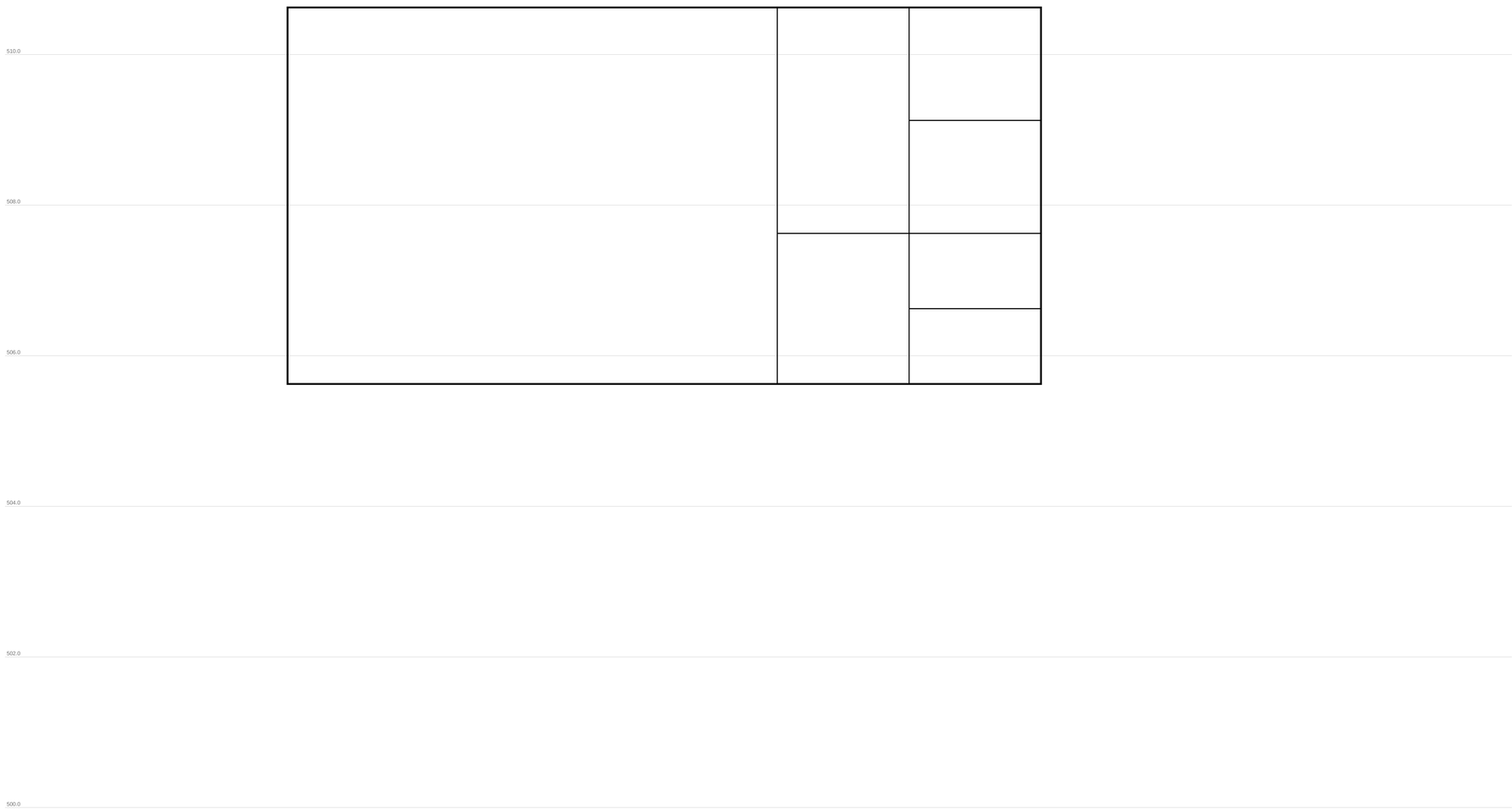
SHEET TITLE
SITE PLAN

C-101
3 OF 16 SHEETS

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UTILITY KEYNOTES

1 New 6 in water service to building, 145 LF
2 New 6 in sanitary sewer to main, 220 LF with 2 manholes
3 Storm inlet, 2 no., connected to existing culvert
4 Electrical service, underground, 180 LF — transformer BY OTHERS
5 Gas service, 2 in, 90 LF to meter set
6 Finished floor elevation 506.50



GRADING AND UTILITIES PLAN SCALE: 1" = 20'-0"

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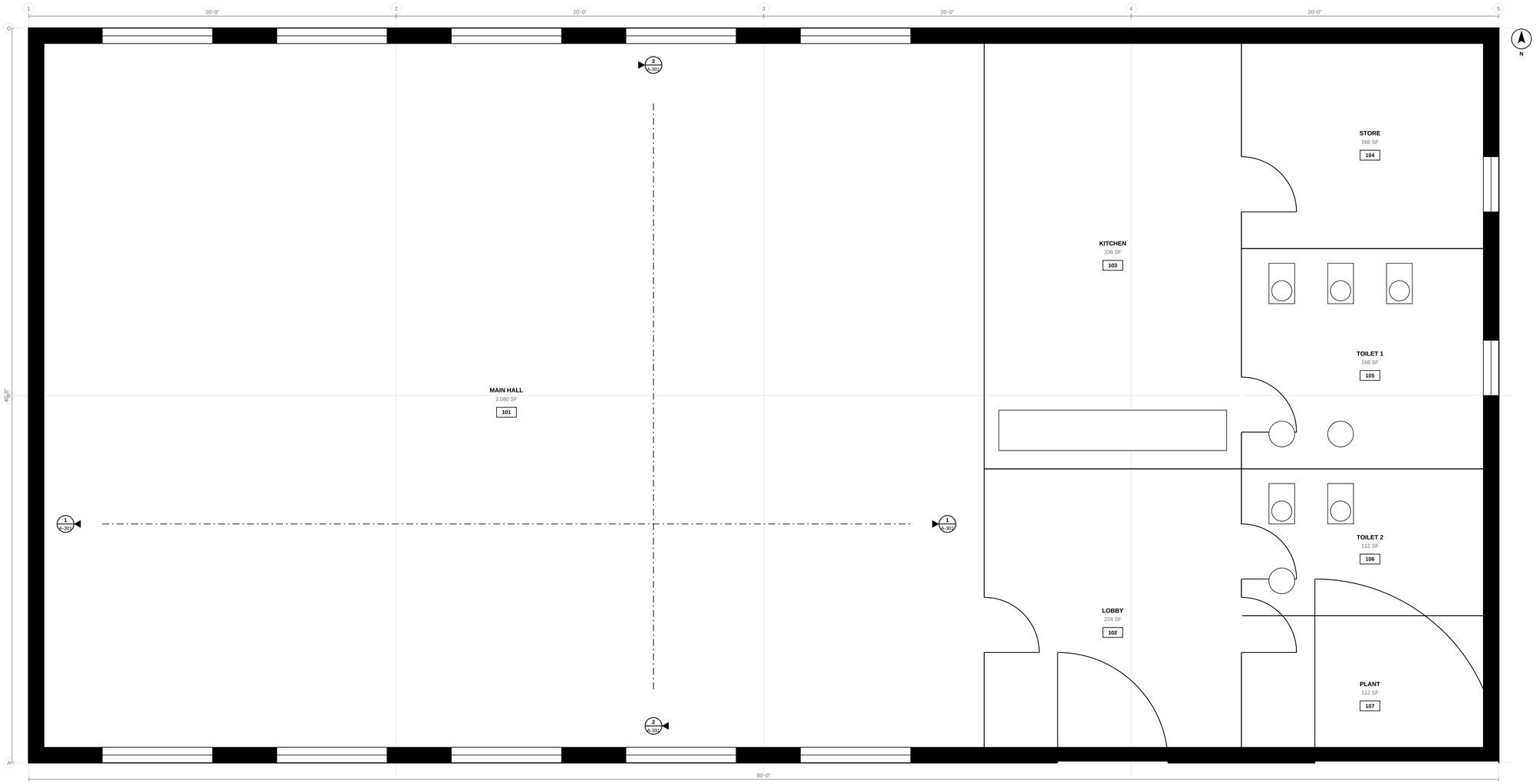
SHEET TITLE
GRADING AND UTILITIES PLAN

C-201
4 OF 16 SHEETS

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FLOOR PLAN KEYNOTES

1 8 in CMU bearing wall, fully grouted at 48 in o.c.
2 Interior partition: 3-5/8 in metal stud, 5/8 in GWB both faces
3 Door — see schedule A-601
4 Window — see schedule A-601
5 Floor finish — see schedule A-602



GROSS FLOOR AREA 3,200 SF · WALL HEIGHT 14'-0" · SLAB 5 IN SOG

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

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SHEET TITLE
FLOOR PLAN

A-101

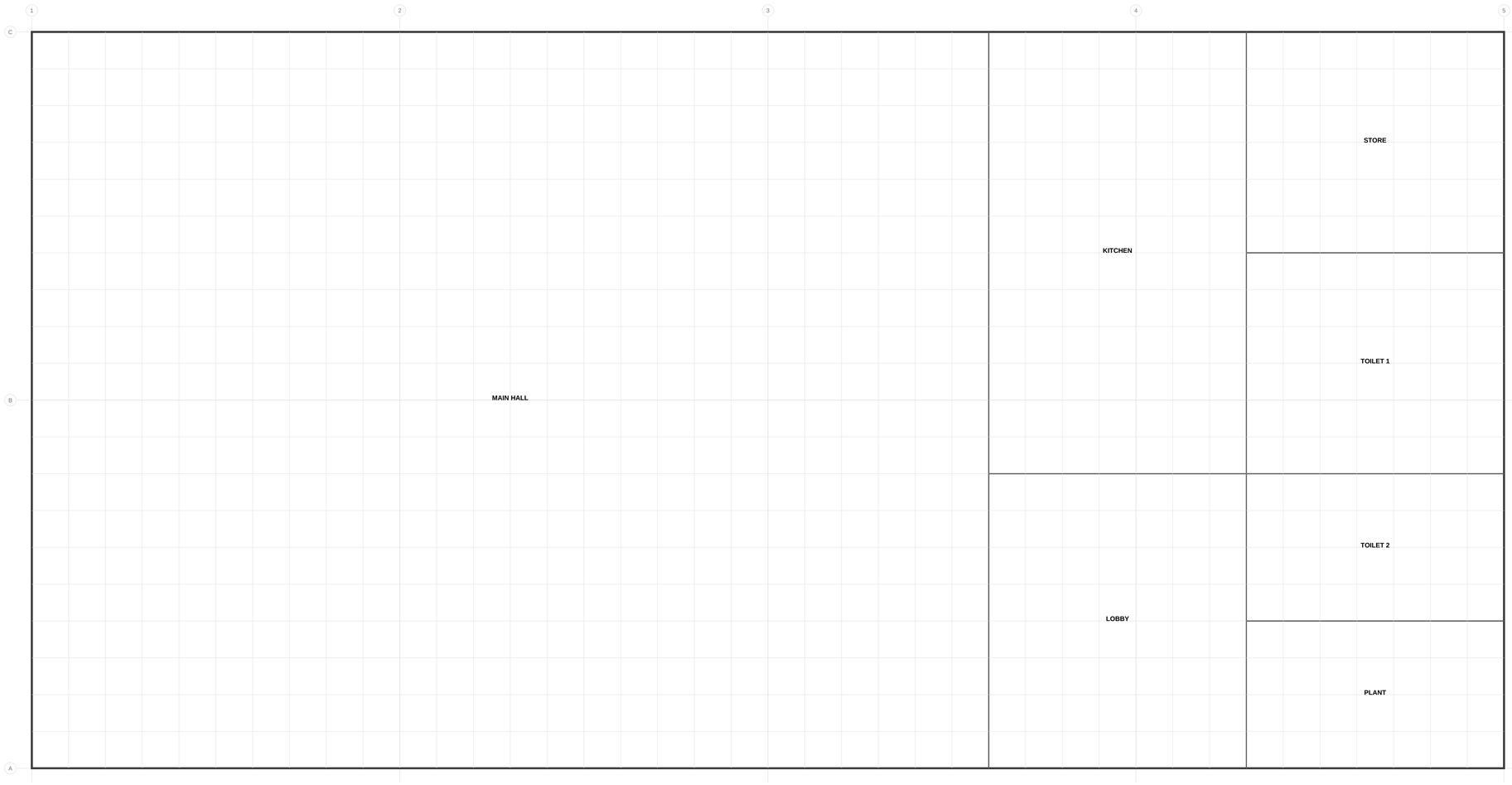
5 OF 16 SHEETS

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CEILING SCHEDULE

MAIN HALL / STORE / PLANT	exposed structure, painted
LOBBY	suspended ACT 2x2, 9'-0 AFF
KITCHEN	vinyl-faced ACT 2x2, 9'-0 AFF
TOILET 1 / TOILET 2	painted GWB, 9'-0 AFF

Light fittings — see E-101. Diffusers — see P-101.



REFLECTED CEILING PLAN SCALE: 1/8" = 1'-0"

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REFLECTED CEILING PLAN

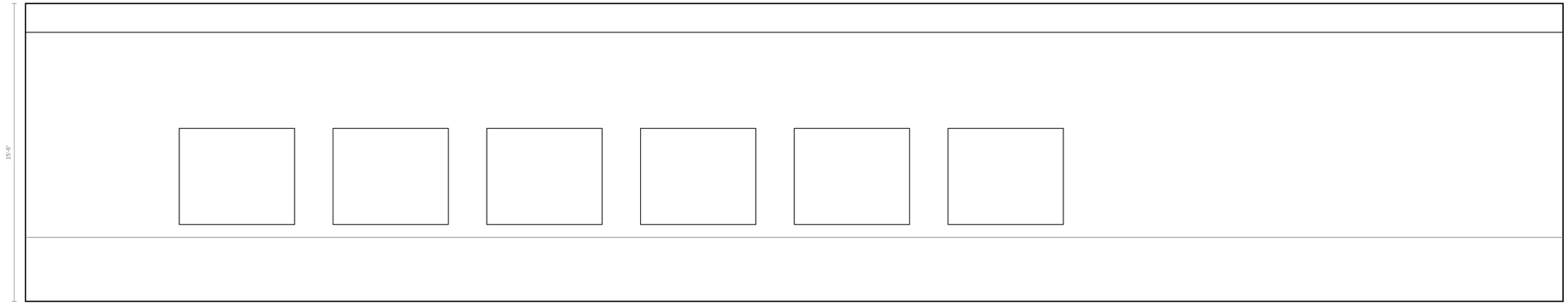
A-102

6 OF 16 SHEETS

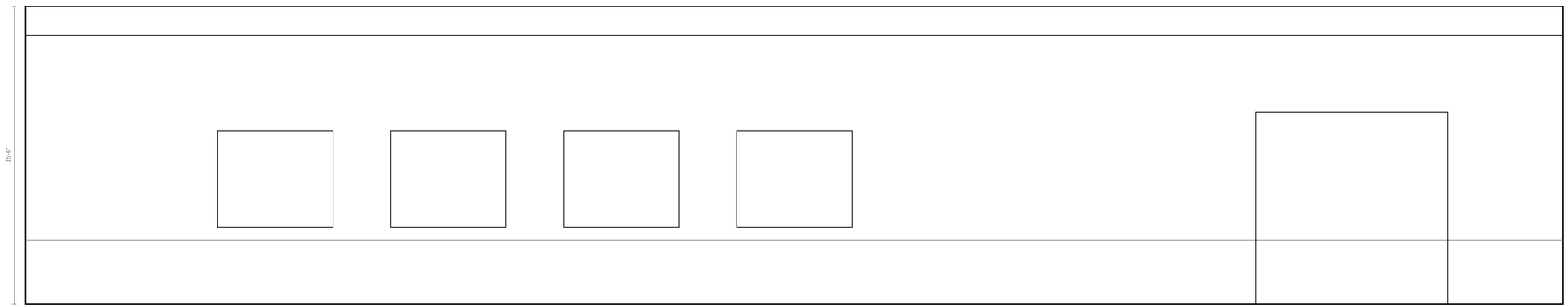
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ELEVATION KEYNOTES

1 Face brick to 3'-4 in, running bond
2 Painted CMU above brick band
3 Prefinished metal coping at parapet
4 Aluminum storefront — see A-601
5 Insulated sectional overhead door



SOUTH ELEVATION



NORTH ELEVATION

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

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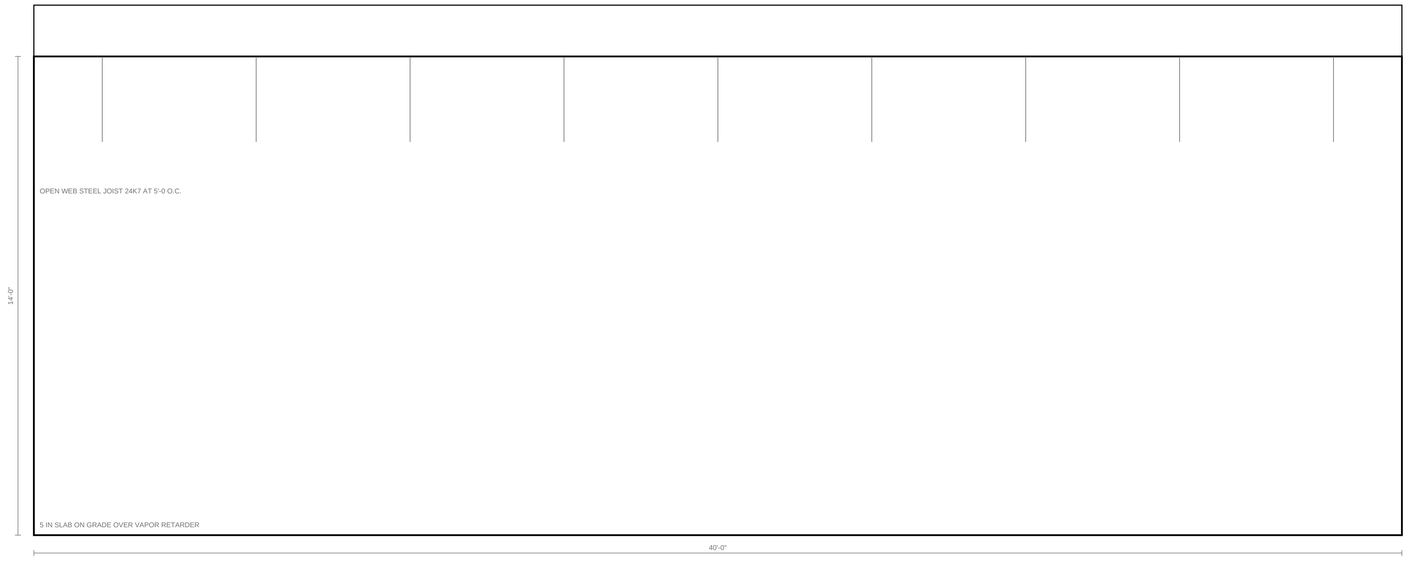
SHEET TITLE
EXTERIOR ELEVATIONS

A-201

7 OF 16 SHEETS

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BUILDING SECTION A-A SCALE: 1/4" = 1'-0"



SECTION NOTES

Roof: 60 mil TPO single ply over R-30 polyiso, mechanically fastened, over 1-1/2 in type B metal deck on open web steel joists.
Walls: 8 in CMU with R-13 insulated cavity, face brick to 3'-4 in.
Slab: 5 in concrete on 10 mil vapor retarder on 4 in compacted base.

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SHEET TITLE
BUILDING SECTIONS

A-301

8 OF 16 SHEETS

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TYPICAL EXTERIOR WALL — W1

Face brick, 3-5/8 in, running bond, to 3'-4 in above finished floor
1 in air cavity with stainless steel ties at 16 in o.c. vertically
R-13 rigid insulation, continuous
8 in CMU, fully grouted at 48 in o.c. and at all openings
Interior face: painted CMU in hall and store, furred GWB elsewhere

Total assembly thickness 13-5/8 in

TYPICAL INTERIOR PARTITION — P1

3-5/8 in metal stud at 16 in o.c.
5/8 in type X gypsum board both faces, taped and painted
Sound attenuation batt in toilet and kitchen walls
Full height to underside of structure in rated walls

ROOF ASSEMBLY — R1

60 mil TPO single ply membrane, mechanically fastened
R-30 polyisocyanurate insulation, two layers, staggered
Vapor retarder
1-1/2 in type B metal deck, 22 gauge
Open web steel joists 24K7 at 5'-0 o.c.

SLAB — S1
5 in concrete slab on grade, 4000 psi
6x6 W2.9xW2.9 welded wire reinforcement at mid depth
10 mil vapor retarder over 4 in compacted aggregate

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SHEET TITLE
WALL SECTIONS AND DETAILS

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DOOR SCHEDULE

MARK	DESCRIPTION	QTY	LOCATION
D1	Aluminum storefront, pair, 6'-0 x 7'-0, insulated glazing	2	Lobby entrance
D2	Hollow metal, single, 3'-0 x 7'-0, 90 min rated	4	Plant, store, corridor
D3	Solid core wood in HM frame, 3'-0 x 7'-0	5	Toilets, kitchen
D4	Insulated sectional overhead, 10'-0 x 10'-0	1	Plant delivery

WINDOW SCHEDULE

MARK	DESCRIPTION	QTY	LOCATION
W1	Aluminum fixed, thermally broken, 6'-0 x 5'-0	10	Main hall, north and south
W2	Aluminum fixed, thermally broken, 3'-0 x 5'-0	6	Kitchen and lobby
W3	Aluminum awning, 3'-0 x 2'-0, obscure glazing	4	Toilets

HARDWARE SETS

HW-1 Storefront pair: panic exit device, closer, threshold
HW-2 Rated single: lockset, closer, seals, wall stop
HW-3 Single: passage set, 3 hinges, wall stop
HW-4 Overhead door: manual chain hoist, slide bolt

Quantities in these schedules are for information only.

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SHEET TITLE
DOOR AND WINDOW SCHEDULES

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ROOM FINISH SCHEDULE

ROOM	AREA SF	FLOOR	WALL	CEILING	TRIM
MAIN HALL	2,080	Sealed concrete	Painted CMU	Exposed structure	Painted
LOBBY	224	Porcelain tile 12x24	Painted GWB on furring	Suspended ACT 2x2	Painted
KITCHEN	336	Quarry tile with coved base	FRP panel to 8'-0	Vinyl-faced ACT	Painted
STORE	168	Sealed concrete	Painted CMU	Exposed structure	Painted
TOILET 1	168	Porcelain tile 12x24	Ceramic tile to 4'-0	Painted GWB	Painted
TOILET 2	112	Porcelain tile 12x24	Ceramic tile to 4'-0	Painted GWB	Painted
PLANT	112	Sealed concrete	Painted CMU	Exposed structure	Painted

FINISH NOTES

1. Paint: two coats over primer on all painted surfaces.
2. Coved base to kitchen and toilets; 4 in resilient base elsewhere.
3. Ceramic wall tile to 4'-0 in toilets, full height behind fixtures.
4. Sealed concrete: two coats penetrating sealer.

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ROOM FINISH SCHEDULE

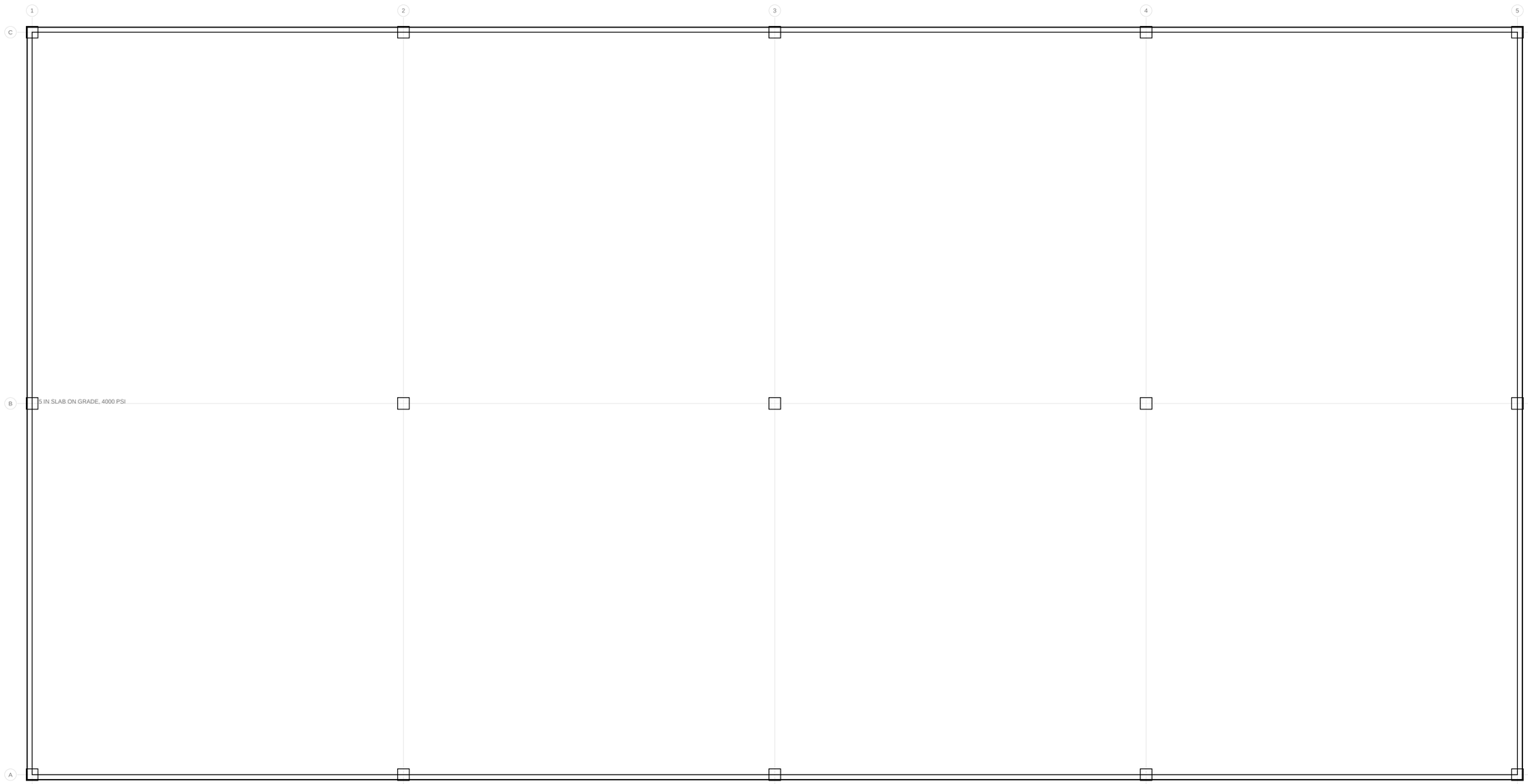
A-602

11 OF 16 SHEETS

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FOUNDATION SCHEDULE

MARK	SIZE	DEPTH	REINF	QTY
F1	4'-0 x 4'-0	1'-4	5 no. #5 e.w.	15
SF1	2'-6 wide	1'-6	3 no. #5 cont.	240 LF
T1	1'-0 x 1'-0	—	4 no. #4 + ties	6



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

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SHEET TITLE
FOUNDATION PLAN

S-101

12 OF 16 SHEETS

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FRAMING SCHEDULE

MARK	MEMBER	SPAN	QTY
J1	24K7 open web joist	40'-0	15
B1	W12x26 beam over opening	20'-0	4
L1	L4x4x1/4 lintel	6'-8	16
DK	1-1/2 in type B deck, 22 ga	—	3,200 SF



ROOF FRAMING PLAN SCALE: 1/8" = 1'-0"

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SHEET TITLE
ROOF FRAMING PLAN

S-201

13 OF 16 SHEETS

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STRUCTURAL GENERAL NOTES

Design loads: roof live 20 psf · snow 25 psf ground · wind 115 mph Exp. B
Seismic design category B. Soil bearing assumed 2,500 psf — verify.
Concrete: footings 3,000 psi · slab 4,000 psi · grout 2,000 psi.
Reinforcement: ASTM A615 grade 60, epoxy coated where exposed.
Structural steel: ASTM A992 for shapes, A36 for plate and angle.
Masonry: ASTM C90 normal weight, f'm 2,000 psi.
All welding to AWS D1.1 by certified welders.

QUANTITY BASIS — FOR INFORMATION

ITEM	QUANTITY BASIS
Footings F1	15 no. at 4'-0 x 4'-0 x 1'-4 deep
Strip footing SF1	240 LF at 2'-6 wide x 1'-6 deep
Slab on grade	3,200 SF at 5 in
CMU wall	240 LF x 14'-0 high, less openings
Joists	15 no. 24K7 spanning 40'-0
Metal deck	3,200 SF

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SHEET TITLE
STRUCTURAL DETAILS AND SCHEDULES

S-501
14 OF 16 SHEETS

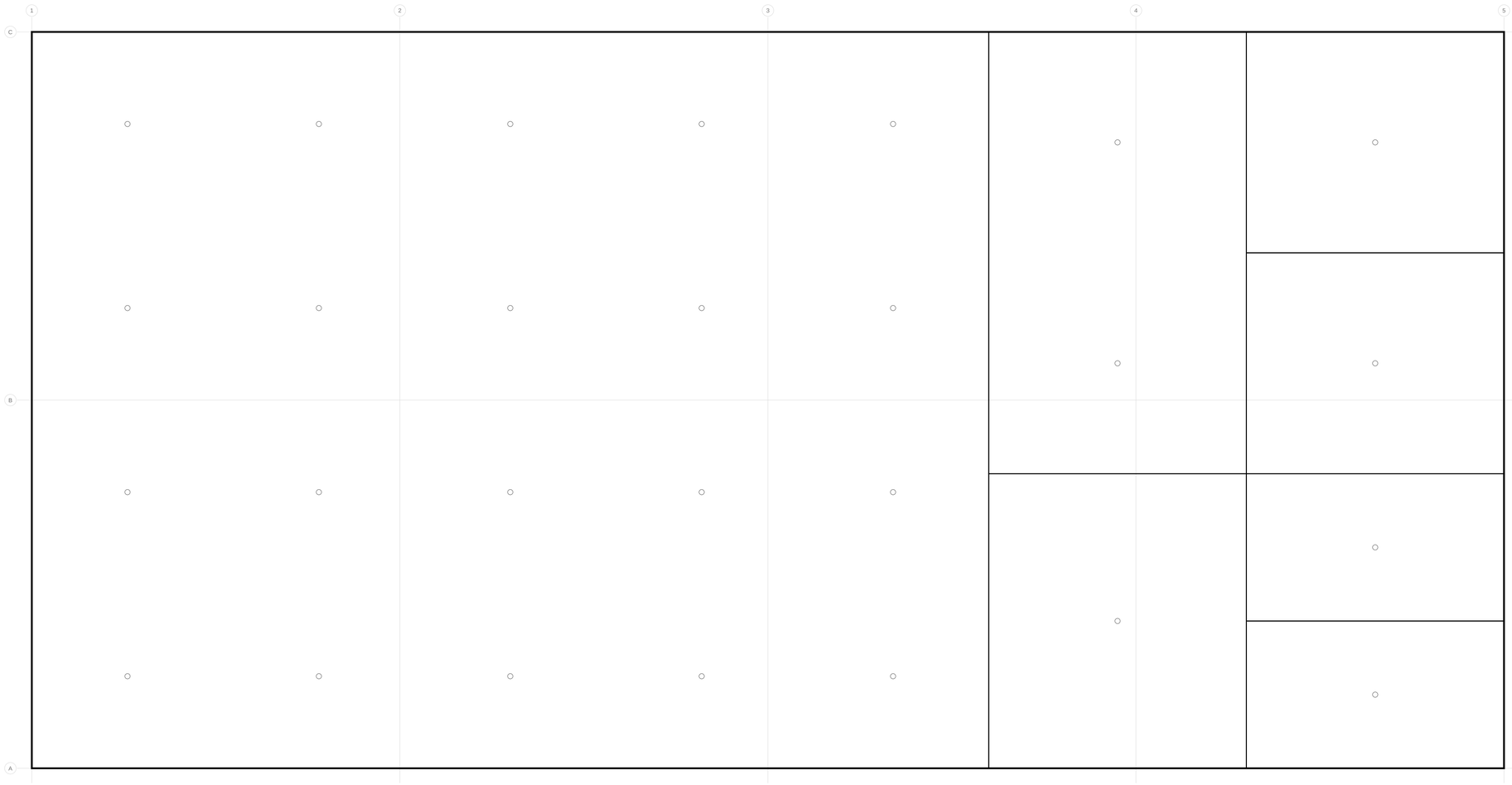
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LIGHTING AND POWER SCHEDULE

MARK	DESCRIPTION	QTY
L1	2x4 LED troffer, 40W, 4000K	34
L2	LED downlight, 12W	18
L3	Exterior wall pack, 25W	8
R1	Duplex receptacle, 20A	46
P1	Panelboard, 208Y/120V, 42 circuit	1
EM	Emergency light with battery	10
EX	Exit sign, LED	6

ELECTRICAL NOTES

Service: 200A, 208Y/120V, three phase, four wire.
Transformer and primary service are BY OTHERS.
Fire alarm is a DEFERRED SUBMITTAL.



POWER AND LIGHTING PLAN SCALE: 1/8" = 1'-0"

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SHEET TITLE
POWER AND LIGHTING PLAN

E-101
15 OF 16 SHEETS

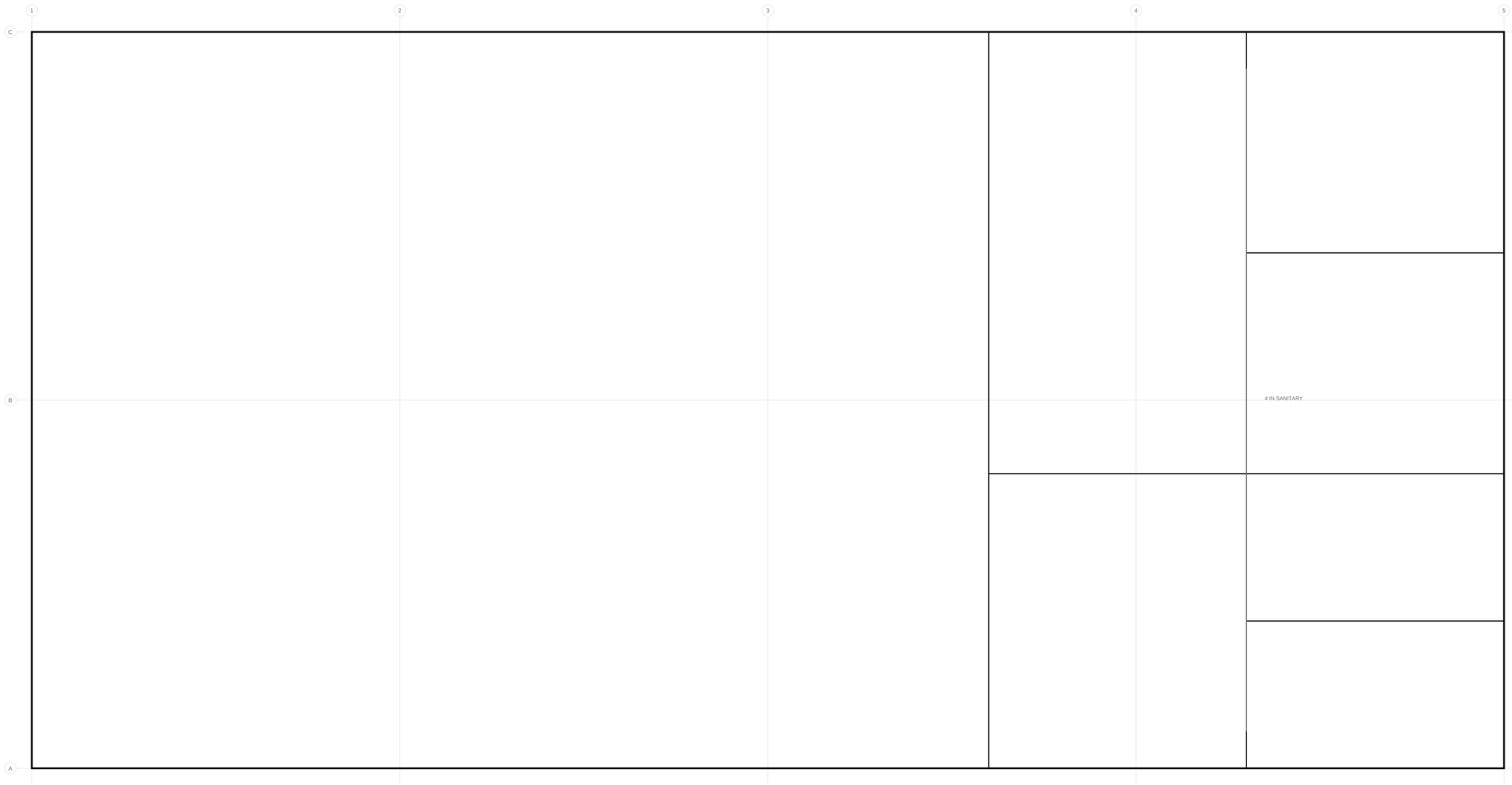
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PLUMBING AND HVAC SCHEDULE

MARK	FIXTURE / UNIT	QTY
WC	Water closet, floor mounted, flush valve	6
LAV	Lavatory, wall hung, sensor faucet	6
UR	Urinal, wall hung	2
SK	Kitchen sink, three compartment	1
WH	Water heater, 80 gal electric	1
RTU	Rooftop unit, 7.5 ton gas/electric	2
EF	Exhaust fan, roof mounted	3
HOOD	Kitchen extract hood, 10 ft	1

MECHANICAL NOTES

Ductwork is galvanized steel to SMACNA standards.
Kitchen equipment is OWNER FURNISHED except the hood.
Test and balance by an independent agency.



PLUMBING AND HVAC PLAN SCALE: 1/8" = 1'-0"

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SHEET TITLE
PLUMBING AND HVAC PLAN

P-101
16 OF 16 SHEETS

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