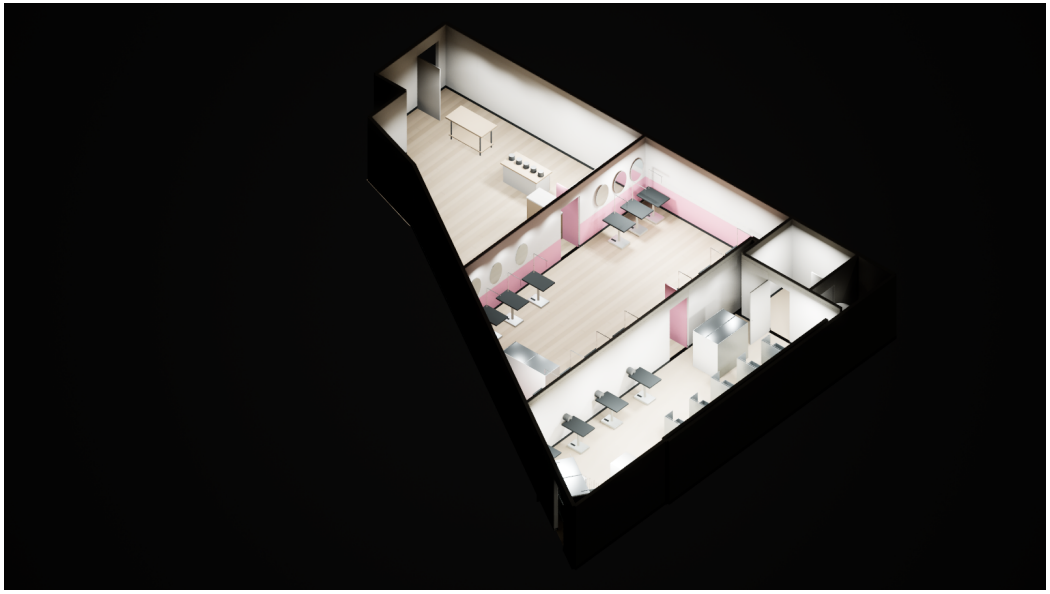
Commercial interior takeoff

Anonymous model 01. The complete recorded interior scope: areas, partition runs, finishes, demolition, equipment and coordinated MEP entries.

WG04 quantity report; mechanical route classification reconciled to the dedicated schedule



195 ENTRIES
Full recorded scope / 14 categories

91.293 LF
New partition centerlines / four runs

1,752.622 SF
New floor basis / mixed printed / traced

21 OPEN
Coordination questions

Full recorded scope: 195 entries. 22 measurement records. 21 open questions.

Unpriced review example; measured, printed, allowance and reference quantities are identified.

This unpriced review preserves measured quantities, printed bases, bounds and planning assumptions separately. Supporting registers expand the scope and must not be counted twice. Client identities, original plans and pricing are omitted.

01 Full measurement register

Inspect five room polygons and seventeen wall runs. Printed finish areas, traced polygons and height allowances stay distinct.

Quantities are from the detailed source register. LF means linear feet, SF means square feet, and FT means feet. A dash is not applicable or not separately reported; Unmeasured is an unresolved measurement. Net / bound SF is board surface for framing, coating surface for paint faces and net exposed area for floors.

Measurement	Type	Quantity	Unit	Length LF	Height FT	Gross SF	Deduction SF	Net / bound SF	Drawing
AREA-01	Room polygon	**562.197**	SF	-	Unmeasured	-	-	-	A301 / A101
AREA-02	Room polygon	**663.622**	SF	-	Unmeasured	-	-	-	A301 / A101
AREA-03	Room polygon	**538.191**	SF	-	Unmeasured	-	-	-	A301 / A101
AREA-04	Room polygon	**66.231**	SF	-	**8**	-	-	-	A301 / A101
AREA-05	Room polygon	**30.33**	SF	-	Unmeasured	-	-	-	A301 / A101
W01	New partition	**28.893**	LF	**28.893**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
W02	New partition	**35.769**	LF	**35.769**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
W03	New partition	**0.809**	LF	**0.809**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
W04	New partition	**25.822**	LF	**25.822**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
EX01	Existing wall	**4.57**	LF	**4.57**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
EX02	Existing wall	**57.475**	LF	**57.475**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
EX03	Existing wall	**35.849**	LF	**35.849**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
EX04	Existing wall	**0.338**	LF	**0.338**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101

Measurement	Type	Quantity	Unit	Length LF	Height FT	Gross SF	Deduction SF	Net / bound SF	Drawing
EX05	Existing wall	**14.356**	LF	**14.356**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
EX06	Existing wall	**57.937**	LF	**57.937**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
EX07	Existing wall	**8.949**	LF	**8.949**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
EX08	Existing wall	**5.641**	LF	**5.641**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
EX09	Existing wall	**4.111**	LF	**4.111**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
EX10	Existing wall	**11.031**	LF	**11.031**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
ER1	Existing wall	**7.769**	LF	**7.769**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
ER2	Existing wall	**13.556**	LF	**13.556**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101
ER3	Existing wall	**7.769**	LF	**7.769**	Unmeasured	Unmeasured	Unmeasured	Unmeasured	A101

The web redraw uses simplified display geometry. Detailed numeric quantities remain authoritative; do not scale a resized display. Unknown field heights, installation routing and fabrication conditions remain open.

02 Full recorded scope

Every source entry is retained with its quantity, drawing basis and qualification. An LS or assembly records a scope package, not a final physical count. Reference schedules, upper bounds and procurement allowances are nonadditive.

HVAC - 47 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
H-D01	Supply duct 28x14 in	**23.077 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-D02	Supply duct 16x12 in	**17.56 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-D03	Supply duct 14x10 in	**33.027 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B01	Supply duct 8 in round	**6.027 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B02	Supply duct 8 in round	**3.987 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B03	Supply duct 8 in round	**5.553 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B04	Supply duct 8 in round	**3.967 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
H-B05	Supply duct 8 in round	**3.967 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B06	Supply duct 8 in round	**6.87 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B07	Supply duct 8 in round	**8.063 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B08	Supply duct 8 in round	**10.343 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B09	Supply duct 8 in round	**11.357 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B10	Supply duct 8 in round	**7.63 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B11	Supply duct 8 in round	**4.427 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B12	Supply duct 8 in round	**4.427 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-B13	Supply duct 8 in round	**17.82 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
H-B14	Supply duct 6 in round	**18.874 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-R01	Return duct 18x12 in	**10.132 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-E01	Exhaust duct 10 in round	**19.83 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-E02	Exhaust duct 10 in round	**3.647 LF**	M101	**New horizontal** Scaled horizontal centerline Horizontal centerline only. Vertical rises, offsets and fabrication fittings require elevations and coordinated shop drawings.
H-E03	Existing_Exhaust duct 4 in round	**9.617 LF**	M101	**Existing / confirm extent** Scaled horizontal centerline Existing toilet exhaust route. Retained in the latest duct schedule; confirm any replacement extent. Excluded from new-duct total.
H-EQ01	Existing Carrier 48TMF008-A-501 rooftop unit, 7.5 ton: retain/service/rebalance	**1 EA**	M401 / M102	**Existing to remain** Schedule 2630 SA / 1510 OA / 1120 RA CFM. MCA 40.1, MOCP 45, 208V/3ph VIF. No new RTU purchase in base scope.
H-EQ02	New Greenheck G-120-VG exhaust fan or approved equal	**1 EA**	M401	**New; final variant pending** Schedule 1500 CFM at 0.5 in w.g.; 115/1/60; MCA 8.2; MOCP 15; 65 lb. Includes compatible curb, backdraft damper, screen, isolation and speed control; disconnect by EC. Exact catalog variant requires supplier confirmation.
H-T01	S-1 Titus TMS-AA 24x24 supply diffusers	**13 EA**	M101 / M401	**New** Plan count
H-T02	S-2 Titus TMS-AA 12x12 supply diffuser	**1 EA**	M101 / M401	**New; exact model pending** Plan count Scheduled 12 x 12 in S-2 face retained. Exact material, frame and catalog model require clarification (H09).
H-T03	R-1 Titus 50F 24x24 return grilles	**2 EA**	M101 / M401	**New** Plan count

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
H-T04	E-1 Titus 50F 24x24 exhaust grilles	**2 EA**	M101 / M401	**New** Plan count
H-T05	E-2 Titus 50F 12x12 exhaust grille / existing toilet fan interface	**1 EA**	M101 / M401	**Existing / confirm** Plan count
H-A01	Manual balancing dampers at supply air devices	**14 EA**	M101 / M301 / M401	**New** Count / specified scope Verify damper access in finished ceiling; volume dampers also required in exhaust branches.
H-A02	Exhaust branch balancing dampers	**2 EA**	M101 / M301 / M401	**New** Count / specified scope E-1 branch VD symbols.
H-A03	Motorized damper MD-1 interlocked to EF-1	**1 EA**	M101 / M301 / M401	**New** Count / specified scope M101 keynote 10; coordinate power and controls.
H-A04	Duct smoke detector System Sensor DH100ACDCLP or equal	**1 EA**	M101 / M301 / M401	**New** Count / specified scope Furnished/installed MC, wired EC for RTU shutdown.
H-A05	Relocate/reuse thermostat and humidistat	**1 SET**	M101 / M301 / M401	**Retain / relocate; condition pending** Count / specified scope Provide new 7-day programmable thermostat if unsuitable; replacement is contingent.
H-A06	Reuse return/space remote temperature sensor	**1 EA**	M101 / M301 / M401	**Retain / relocate; condition pending** Count / specified scope Replace if damaged; VIF before bid.
H-A07	6x6 in door transfer grille	**1 EA**	M101 / M301 / M401	**New** Count / specified scope M101 keynote 6.
H-A08	12x12 in exhaust riser to roof fan	**1 ASSEMBLY**	M101 / M301 / M401	**New** Count / specified scope Vertical length and elevation not given; do not treat as 0 LF.
H-A09	4 in rigid dryer exhaust riser with gooseneck and backdraft damper	**1 ASSEMBLY**	M101 / M301 / M401	**New** Count / specified scope 35 ft maximum equivalent length per drawing; actual vertical length, elbows and route require field measurement.
H-A10	Existing toilet exhaust fan: protect and retain	**1 EA**	M101 / M301 / M401	**Retain / relocate; condition pending** Count / specified scope 75 CFM on M401 vs 40 CFM at E-2 on M101.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
H-A11	RTU/EF/MD interlock and timeclock sequence	**1 SET**	M101 / M301 / M401	**New** Count / specified scope Coordinate MC/EC/GC responsibility; occupied-operation requirements per M401.
H-A12	Certified testing, adjusting and balancing, written report	**1 LS**	M101 / M301 / M401	**New** Count / specified scope Balance all outlets and existing RTU; close out discrepancies with engineer.
H-A13	RTU inspection, cleaning, MERV-13 filters and condensate flush	**1 LS**	M101 / M301 / M401	**New** Count / specified scope Existing drain replacement if required not quantified.
H-A14	R-8 external insulation to concealed supply/return duct	**653.684 SF**	M101 / M301 / M401	**Provisional horizontal surface** Clear-inside duct perimeter x horizontal LF R-8 insulation horizontal surface only; final outside dimensions, thickness, verticals and fitting allowances require shop drawings.
H-A15	Acoustic lining of mains	**25.132 LF**	M101 / M301 / M401	**Provisional; drawing conflict H04** M30115ft supply + traced10.132ft return main Carry M30115ft supply plus allreturn10.132ft. M101instead10fteach; resolve lining extent/thickness before shop drawing.
H-A16	Fire/smoke dampers and firestopping at rated crossings	**1 LS**	M101 / M301 / M401	**Conditional** Conditional rated-wall crossing scope Fire/smoke damper count depends on actual rated barrier crossings; do not treat thisLS allowance as one damper. One LS is a scope package; damper count remains unmeasured.
H-A17	Flexible diffuser connectors	**1 LS**	M101 / M301 / M401	**Conditional** Conditional concealed connectors Use rigid visible ducts. Concealed flex per final connection detail only, maximum5ft each; no supported installedLF given. One LS is a scope package, not a measured connector length.
HV-FIT	HVAC elbows, taps, transitions, caps and supports	**1 LS**	M101 / E101	**Coordinate** Accessory scope Fittings/supports included in full duct scope; shape/offset/shop pattern not finally defined by schematic plan. One LS records the scope package, not one fitting or a final fabrication count.
HV-DROP	HVAC vertical rises and diffuser drops	**Unmeasured LF**	M101 / M102 / M301	**Pending** Unmeasured routing Vertical lengths remain unmeasured. Field elevations, route and offsets are required; not zero LF.

Demolition - 6 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
D-H01	Remove existing split AC system, indoor/outdoor units, line set and controls	**1 SYSTEM**	M101 note 11 / M102 note 9	**Demolish** Plan note Refrigerant recovery, roof patches and disconnect coordination included in scope.
D-01	Remove existing flooring and prepare substrate, excluding retained restroom	**1,752.622 SF**	A100 / A301	**Demolish** Net finish-area basis Confirm removal limits at rear service area; disposal and substrate remediation separate.
D-02	Demolish indicated existing partitions and patch adjoining finishes	**57.101 LF**	A100	**Demolish** A100 scaled gross centerlines Four traced former-room/cross-partition runs. Gross57.10LF; two door openings measured separately; height and concealed conditions VIF.
D-03	Remove dashed existing interior door leaves / frames	**2 EA**	A100	**Demolish** Plan count Confirm two indicated doors and hardware salvage.
D-04	Remove existing millwork, countertops and nonretained sinks	**1 LS**	A100 note 19	**Demolish** Plan note
D-05	Remove existing water heater and cap/modify connections	**1 EA**	A100	**Demolish** Plan note E101 instead describes existing heater relocation: RFI P02.

General - 2 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
G-01	Tenant improvement gross area	**2,011 SF**	A000	**Reference only; nonadditive** Printed project area Do not use gross area as net flooring or ceiling purchase quantity. Reference detail / vendor schedule, not an additional purchase quantity.
G-02	Permit, landlord coordination, submittals, protection, cleanup and closeout	**1 LS**	A000 / A001	**New** Responsibility matrix

Drywall & framing - 12 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
A-W01	3A retail/grooming partition	**28.893 LF**	A101	**New** Scaled source wall centerline Ceiling height + 6 in board extension; stud/bracing/ceiling height VIF. Two board faces.
B-W01	5/8 in board faces, 3A retail/grooming partition	**449.187 SF**	A101 details 3A/3B	**Allowance** 8.5 ft display-height allowance 8 ft ceiling + 6 in extension is an editable takeoff allowance, not a documented project wall height; door deductions 3x7 ft where shown.
A-W02	3A grooming/wash partition	**35.769 LF**	A101	**New** Scaled source wall centerline Ceiling height + 6 in board extension; stud/bracing/ceiling height VIF. Two board faces.
B-W02	5/8 in board faces, 3A grooming/wash partition	**566.071 SF**	A101 details 3A/3B	**Allowance** 8.5 ft display-height allowance 8 ft ceiling + 6 in extension is an editable takeoff allowance, not a documented project wall height; door deductions 3x7 ft where shown.
A-W03	Partition junction return	**0.809 LF**	A101	**New** Scaled source wall centerline Ceiling height + 6 in board extension; stud/bracing/ceiling height VIF. Two board faces.
B-W03	5/8 in board faces, Partition junction return	**13.752 SF**	A101 details 3A/3B	**Allowance** 8.5 ft display-height allowance 8 ft ceiling + 6 in extension is an editable takeoff allowance, not a documented project wall height; door deductions 3x7 ft where shown.
A-W04	3B wash wall lining	**25.822 LF**	A101	**New** Scaled source wall centerline Ceiling height + 6 in board extension; stud/bracing/ceiling height VIF. One board face.
B-W04	5/8 in board faces, 3B wash wall lining	**219.489 SF**	A101 details 3A/3B	**Allowance** 8.5 ft display-height allowance 8 ft ceiling + 6 in extension is an editable takeoff allowance, not a documented project wall height; door deductions 3x7 ft where shown.
A-INS	Sound attenuation insulation at new insulated partitions	**514.505 SF**	A101	**Allowance** 8.5 ft height allowance Insulated hatch on main new partitions; STC42 or better per detail. Confirm thickness, stud gauge and spacing.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
A-TRK	Top and bottom track, excluding bracing	**182.587 LF**	A101	**Allowance** 2 x gross wall centerline Stud gauge/spacing and bracing not supplied as an invented fabrication quantity.
A-BRACE	Partition head restraint / bracing to existing structure	**1 LS**	A101 / A601	**Field-dependent allowance** Required bracing scope; deck elevation and final layout unconfirmed Do not invent brace count or attachment capacity; obtain reviewed shop/structural attachment details.
A-BLOCK	Metal backing straps and accessory/equipment blocking	**1 LS**	A101 / A401 / A601 / A701	**Allowanced assembly** Source-required backing at shelves, gridwall, mirrors, restroom accessories and millwork Detailed accessory backing separated from stud/track quantities; dimensions and locations by final equipment shop drawings.

Doors & glazing - 3 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
A-DR1	D1 single flush 3x7 wood door, frame and hardware	**1 EA**	A101	**New** Door elevation / plan count McKinney hinges, Schlage F10LAT625, LCN4041XALXSNB per A101; verify current approvals.
A-DR2	D2 3x7 double-acting wood/glass door, frame and spring hinges	**1 EA**	A101	**New** Door elevation / plan count Three Bommer 3029-3 spring hinges per A101; 6x6 transfer grille coordination.
A-RET	Existing storefront, rear exit and restroom doors	**4 EA**	A101	**Existing** Door elevation / plan count Storefront1, rear1, restroom/service doors2 as drawn; protect and retain. Verify operation.

Flooring - 8 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
F-01	FC-1 MSI Prescott Sandino 7x48 LVT: retail	**555 SF**	A301	**New** Printed net area
F-02	FC-1 MSI Prescott Sandino 7x48 LVT: grooming	**663.622 SF**	A101 / A301	**New** Scaled clear floor polygon M401 ventilation area736SF is a different source basis; not substituted for finish-area takeoff.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
F-03	FC-2 Braxton Saddle Beige porcelain 10x40: wash/dry	**534 SF**	A301	**New** Printed net area Restroom existing flooring to remain despite schedule generic location text.
F-04	LVT order allowance including 10% waste	**1,340.484 SF**	A301 + allowance	**Allowance** 10% editable purchasing allowance
F-05	Porcelain order allowance including 10% waste	**587.4 SF**	A301 + allowance	**Allowance** 10% editable purchasing allowance
F-06	Floor preparation and adhesive / mortar / grout	**1,752.622 SF**	A301	**New** Net flooring area
F-07	B-1 Roppe PV4010 Serenity black 4 in base	**312.387 LF**	A301	**Measured** Clear room perimeter less 4 door openings Gross finish boundary less12LF openings; confirm deductions behind fixed casework/tubs and retained service areas.
F-08	Floor transitions at LVT / tile and retained restroom	**6 LF**	A101 / A301	**Allowance** Two 3 ft doorway transitions Confirm exact transition locations/profiles.

Wall finishes - 2 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
P-FRP	Marlite P100 white smooth FRP floor-to-ceiling in wash area	**813.16 SF**	A301	**Allowance** 8 ft ceiling-height allowance Perimeter trace less two3x7 door equivalents; revise for retained masonry, service alcove, actual ceiling and accessory openings.
P-FRP-G	Grooming-kennel FRP backing / finish extent reserve	**1 LS**	A001 / A301	**Field-dependent allowance** FRP material schedule lists grooming kennels; exact extent to confirm Wash-room FRP priced separately. Confirm grooming kennel surfaces and height before firm purchase.

Painting - 3 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
P-01	Retail and grooming wall paint, primer + two coats	**1,655.936 SF**	A301 / A401	**Allowance** 8 ft height allowance PT1 SW6583 In the Pink / PT2 SW7000 Ibis White. Split color by elevations; do not add both coats as duplicate wall area.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
P-02	PT5 Hot Lips 2077-30 finish to new partition doors and frames	**2 SETS**	A301 / A101	**New** Two new door assemblies
P-03	PT4 Iron Ore exposed deck/ducts where no ceiling occurs	**1 LS**	A301	**Separate / conditional scope** Conditional scope Do not price the entire deck as exposed while RCP depicts retained ceiling grid.

Ceilings - 5 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
C-01	Existing ceiling/grid retained areas: protect, alter and patch for MEP	**717.196 SF**	A100 / A201	**Existing / modify** A100 retained-grid boundary polygon Traced retained shaped ceiling717.20SF; restroom retained66.23SF separately. Protect/alter/patch for devices. Actual tile salvage VIF.
C-02	New Armstrong Optima 24x24x5/8 tile with Prelude XL15/16 grid	**1,077.144 SF**	A201 / A001	**Measured / coordinate** Clear reflected ceiling area less retained polygons Total clear room footprint minus A100 retained-grid717.20SF and retained restroom66.23SF. New ACT distribution/edge conditions and ceiling elevations require field/RCP coordination.
C-03	Coordinate 19 HVAC terminals and 29 scheduled new lights with ceilings	**1 LS**	A201 / M101	**New** Coordination scope
C-04	Existing restroom ceiling retained	**66.231 SF**	A100 / A201	**Existing** Scaled room polygon Existing8ftAFF only confirmed height callout.
C-05	24x24 ACT purchasing allowance,10% waste	**297 TILES**	A201	**Allowance** 4SF tile,10% editable waste This is a purchasing allowance after new/retained boundary reconciliation; grid/hangers per approved layout.

Plumbing - 30 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
PL-01	DST-1 Flying Pig FP701 50 in grooming tubs with FPKIT02 faucet	**3 EA**	P101 / P401 / P601	**New** Plan/schedule count Owner-supplied per architectural furniture schedule; plumber connects.
PL-02	DST-2 Flying Pig FP301 38 in grooming tubs with FPKIT02 faucet	**2 EA**	P101 / P401 / P601	**New** Plan/schedule count Owner supplied; verify all five tub locations against approved equipment.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
PL-03	LT-1 Zurn Z1176 hair/lint interceptors	**5 EA**	P101 / P401 / P601	**Conflict** Plan/schedule count P601 schedule says4; P101 note14 calls one under each of5 tubs. Carry5 pending RFI.
PL-04	FD-1 Josam 30000-A-4-50 floor drains	**2 EA**	P101 / P401 / P601	**New** Plan/schedule count P101 two3in FD callouts; include trap primer / seals per final selection.
PL-05	WB-1 washer drain/supply box with hammer arrestors	**1 EA**	P101 / P401 / P601	**New** Plan/schedule count Coordinate actual appliance NEMA and connection requirements.
PL-06	DF-1 Elkay EZSTL8W(VR)K bottle-fill water cooler	**1 EA**	P101 / P401 / P601	**New** Plan/schedule count New3/4in CW,3in sanitary and2in vent connections indicated.
PL-07	WH-1 AO Smith DEN-120 electric storage water heater	**1 EA**	P101 / P401 / P601	**Conflict** Plan/schedule count P601119gal,16kW,208/3/60,50GPH at100F rise; A301qty2 and E101reuse conflict.
PL-08	ET-1 5 gal thermal expansion tank	**1 EA**	P101 / P401 / P601	**New** Plan/schedule count P601 water-heater schedule.
PL-09	RCP-1 Armstrong H20-20SS recirculation pump	**1 EA**	P101 / P401 / P601	**New** Plan/schedule count 1GPM,10ft TDH,1/12HP,120V1ph; aquastat and timeclock.
PL-10	Water-heater mixing valve, isolation, check and drain package	**1 EA**	P101 / P401 / P601	**Conflict** Plan/schedule count Confirm setpoint: P401120F vs revised P601note110F.
PL-11	Existing water closet, lavatory and mop sink	**3 EA**	P101 / P401 / P601	**Existing** Plan/schedule count Retain; reconnect existing hot-water branches to new source where required.
PL-12	Domestic CW/HW/HWR mains and fixture branches	**1 LS**	P101 / P401 / P601	**Pending** Unmeasured vertical/interface scope Horizontal pipes broken out below. This line covers vertical fixture drops/rises, isolation valves, final tie-ins and fittings not dimensioned. Field measure vertical lengths; no duplicate horizontal allowance.
PL-13	Sanitary main, fixture branches and vents	**1 LS**	P101 / P401 / P601	**Pending** Unmeasured vertical/interface scope Horizontal sanitary/vent route quantities broken out below. This line covers unmeasured rises/drops, traps, fittings, supports and tie-ins.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
PL-14	Concrete sawcut, excavation, bedding, backfill and slab patch at new drains	**78.296 LF**	P101 / P401 / P601	**Measured / allowance** Below-slab sanitary route length Sanitary routeLF only; trench width/depth, overlapping branches, existing slab thickness, reinforcing and vapor barrier repair VIF. Do not treatLF as excavationCF or patchSF.
PL-15	Pressure tests, disinfection, flushing and commissioning	**1 LS**	P101 / P401 / P601	**New** Plan/schedule count P000/P001/P101 and manufacturer requirements.
PL-CW-M	1-1/4in cold-water trunk	**38.593 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.
PL-HW-M	1in hot-water trunk	**32.593 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.
PL-HWR-M	3/4in hot-water recirculation trunk	**31.852 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.
PL-SAN-M	4in sanitary main, below slab	**41.778 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.
PL-CW-T	1/2in cold-water tub branches	**28.519 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.
PL-HW-T	1/2in hot-water tub branches	**26.667 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.
PL-SAN-T	2in sanitary tub branches	**24.074 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
PL-V-T	2in vent main and tub branches	**49.556 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.
PL-CW-DF	3/4in cold-water drinking-fountain branch	**5.704 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.
PL-WASH	3/4in CW/HW washer branches	**6.296 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.
PL-SAN-FD	3in floor-drain/washer/drinking-fountain branches	**12.444 LF**	P101	**Measured** Calibrated horizontal route trace Plan centerline only; add actual fixture drops, risers and offsets after field heights. Caption1/4in differs from registered PDF scale; A101 registration used.
PL-PAN	Water-heater pan, drain, leak detection and vacuum/relief provisions	**1 SET**	P501	**Measured** Detail scope Final pan/drain requirements and relief routing to coordinate with selected equipment.
PL-TRAPS	2in tub fixture traps and connections	**5 SETS**	P101 / P401	**Measured** Five tub connections Hair/lint interceptor count conflict remainsP01; do not double-count included fixture trap kits.
PL-VALVES	Fixture stops/branch isolation and service valves	**1 LS**	P001 / P501	**Measured** Specified accessory scope Final valve count follows coordinated piping/isolation arrangement.
PL-TIE	Existing water/vent/sanitary field connection packages	**1 LS**	P101	**Measured** Three system interfaces Exact locations and conditionVIF; includes existing-restroom hot-water reconnection.

Electrical & lighting - 18 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
EL-R1	Existing recessed lighting - protect / retain	**43 EA**	A201 / E102 / E601	**Existing** A201 schedule count Vendor/model and retained extent to coordinate with September E-series.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
EL-F1	2x2 TCP LED flat panels	**9 EA**	A201 / E102 / E601	**New** A201 schedule count Vendor/model and retained extent to coordinate with September E-series.
EL-F2	2x2 TCP emergency battery panels	**6 EA**	A201 / E102 / E601	**New** A201 schedule count Vendor/model and retained extent to coordinate with September E-series.
EL-F4	TCP emergency panel;2x4 specification vs plan symbol verify	**1 EA**	A201 / E102 / E601	**New** A201 schedule count Vendor/model and retained extent to coordinate with September E-series.
EL-P1	Livex5012-03 chandelier over treat table	**1 EA**	A201 / E102 / E601	**New** A201 schedule count Vendor/model and retained extent to coordinate with September E-series.
EL-T1	Attain LED track heads; ConTech track system	**12 EA**	A201 / E102 / E601	**New** A201 schedule count Vendor/model and retained extent to coordinate with September E-series.
EL-POWER	Convenience duplex/quad/GFCI receptacles and associated circuits	**42 EA**	E101 / E102 / E501 / E601	**Counted / verify** E101 circuit-tagged receptacle locations Counted printed A# tags excluding heater/pump/timeclock connection labels. Includes dedicated appliance locations; duplex/quad/GFCI types shown on plan. No conductor/conduit lengths inferred from tag count.
EL-EM	Exit and emergency egress lights XW/XEW/XWL	**7 EA**	E101 / E102 / E501 / E601	**Counted / verify** E102 field tags; legend excluded Field symbol tags {'XW': 3, 'XEW': 3, 'XWL': 1}. E102legend explicitly excluded. Final mounting and backup per E601.
EL-CAM	Owner-provided security cameras; GC installation and low voltage	**13 EA**	E101 / E102 / E501 / E601	**Coordinate** Plan scope / count pending A201 NC plan markers; confirm count with security vendor.
EL-HVAC	New exhaust-fan, motorized-damper and timeclock power/control connections	**1 LS**	E101 / E102 / E501 / E601	**Coordinate** Plan scope / count pending M101/M401/E101 interface scope.
EL-RTU	Existing RTU feeder and disconnect: verify/reuse	**1 LS**	E101 / E102 / E501 / E601	**Coordinate** Plan scope / count pending 208V3ph;45A MOCP on M401. Electrical notes refer existing panelL2 while labels showA: reconcile.
EL-WH	Water-heater feeder and disconnect scope	**1 LS**	E101 / E102 / E501 / E601	**Coordinate** Plan scope / count pending E101 saysrelocate existing; P601new16kW208/3 heater. Do not assume spare capacity.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
EL-LV	Telecom demarc conduit and security/data pathways	**1 LS**	E101 / E102 / E501 / E601	**Coordinate** Plan scope / count pending 3in demarc conduit; POS3/4in power and2in data conduit. Routes/lengths VIF.
EL-CTRL	Occupancy/daylight/room controls, relays and emergency interfaces	**1 LS**	E101 / E102 / E501 / E601	**Coordinate** Plan scope / count pending E102/E501/E601 schedule components; exact quantities pending controls zoning count.
EL-TEST	Electrical tests, labels, emergency lighting and control commissioning	**1 LS**	E101 / E102 / E501 / E601	**Coordinate** Plan scope / count pending E000/E001/E002/E501.
EL-WIRE	Branch conductor and conduit runs	**Unmeasured LF**	M101 / E101	**Pending** Unmeasured routing Circuit/source/endpoints shown, routing and vertical rises not dimensioned. Field/shop routing required; included as a quantity hold, not a zero.
EL-DEM	3in telecom demarc conduit allowance	**1 RUN**	M101 / E101	**Coordinate** Accessory scope Route, length and tie-in pointVIF.
EL-DATA	POS data pathways and pull strings	**1 SET**	M101 / E101	**Coordinate** Accessory scope Owner vendor confirms low-voltage cable category and device count.

Millwork & equipment - 28 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
FF-100	Gridwall2x6 with hooks	**14 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-101	Gridwall2x6 with shelves	**5 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-102	Custom built style fixture	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
FF-103	48in food shelf display	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-104	Single-door reach-in freezer	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-105	Treat table	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-106	Celebration table	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-107	Custom farmers market fixture	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-108	Freestanding gondola	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-109	Spinning fixture	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-200	Hydraulic drying tables grooming	**13 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-201	Overhead arms	**14 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
FF-202	Rolling groomer carts	**10 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-207	Oval mirrors	**10 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-211	Veterinary scale	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-300	Grooming wash tubs	**5 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-301	Shampoo rack3X	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-302	Wall shelves wash area	**5 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-303	Hydraulic drying tables wash area	**4 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-304	Wall-mounted force air dryers	**4 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-307	Full kennel banks	**3 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
FF-308	Washer/dryer	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-310	Kennel dryers	**2 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-311	Water heaters - architectural schedule	**2 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Conflicts with1WH-1 on P601. Reference detail / vendor schedule, not an additional purchase quantity.
FF-312	Existing mop sink	**1 EA**	A301	**Reference only; nonadditive** Architectural furniture schedule Supply ownership does not remove installation, blocking or MEP coordination. Reference detail / vendor schedule, not an additional purchase quantity.
FF-POS	GC-built L-shaped POS cash wrap, solid-surface top, wood face and internal lighting	**1 LS**	A001 / A301 / A401 / A701	**Allowanced assembly** A701 details2/3/4/9/12; approved shop dimensions and countertop seams Distinct from owner treat table and FF102/107 fixtures. Corian Modern White or approved equal; framing, plywood, slat/T&G face, drawer/blocking and internal lighting included.
FF-TRIM	1x8 wall trim to retail and salon/grooming	**205.492 LF**	A001 / A401	**Allowance** Room perimeters217.492LF less12LFopening allowance Gross run allowance; verify storefront exclusions, inside/outside corners and actual trim extent before order.
FF-RR-MIR	GC-furnished Bobrick B-290 2448 restroom mirror	**1 EA**	A101	**Scheduled** Restroom specification names24x48 mirror Different from the10owner-supplied oval salon mirrors. Existing WC/lav/grab bars remain.

Roofing & life safety - 9 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
ROOF-01	New exhaust-fan curb, penetration and flashing	**1 EA**	A000 / A001 / M102	**New** Scope / field quantity Confirm EF-1/EF-2 tag; owner roofing contractor per M000; compatible curb by fan supplier.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
ROOF-02	Dryer gooseneck roof penetration and flashing	**1 EA**	A000 / A001 / M102	**New** Scope / field quantity At least18in above finished roof per M102; maintain intake separation.
ROOF-03	Existing RTU curb/roof patching only if unsound	**1 LS**	A000 / A001 / M102	**Separate / conditional scope** Scope / field quantity Condition-dependent alternate; no whole-roof replacement included.
FIRE-01	Fire suppression modifications, delegated design and separate permit	**1 LS**	A000 / A001 / M102	**Separate / conditional scope** Scope / field quantity A000 deferred submittal. No sprinkler layout/count supplied.
FIRE-02	Fire alarm/life-safety scope as required by AHJ	**1 LS**	A000 / A001 / M102	**Separate / conditional scope** Scope / field quantity A000 says no existingfirealarm; M101ductsmokedetector required. Separate design/coordination.
SIGN-01	Exterior signage under separate permit	**1 LS**	A000 / A001 / M102	**Separate / conditional scope** Scope / field quantity A000; do not fabricate sign dimensions/quantity.
SIGN-02	Interior brand signage and blocking	**1 LS**	A000 / A001 / M102	**New** Scope / field quantity A003 signage schedule, owner provided; GC installs as responsibility matrix.
LIFE-EXT	Portable fire extinguishers, brackets and identification	**2 EA**	A000 / A004	**Allowance** Planning quantity from2011SF and project notes; fire department locations/quantity approval required Carry4A60BC per cover legend; confirm exact approved rating and count. Not part of sprinkler head quantities.
SI-COUNT	Interior signage schedule count cross-check	**26 EA**	A401	**Nonadditive detail** RT10-14=5; GR1-5=10; GR11-14=4; GR15=2; GR16=1; BR1-3=3; RR1=1 Procurement/install scope already in SIGN02. GR10/GR17/BR4 scheduled zero are not ordered.

Electrical detail - 22 entries

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
E-CIR-23	E101 device locations on circuit A#23	**13 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
E-CIR-34	E101 device locations on circuit A#34	**2 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-36	E101 device locations on circuit A#36	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-15	E101 device locations on circuit A#15	**5 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-32	E101 device locations on circuit A#32	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-30	E101 device locations on circuit A#30	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-40	E101 device locations on circuit A#40	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-9	E101 device locations on circuit A#9	**3 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-11	E101 device locations on circuit A#11	**3 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
E-CIR-7	E101 device locations on circuit A#7	**3 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-37	E101 device locations on circuit A#37	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-39	E101 device locations on circuit A#39	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-27	E101 device locations on circuit A#27	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-13	E101 device locations on circuit A#13	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-10	E101 device locations on circuit A#10	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-33-35	E101 device locations on circuit A#33,35	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-41	E101 device locations on circuit A#41	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.

Item	Description	Quantity / unit	Drawing	Status, measurement basis and scope note
E-CIR-31	E101 device locations on circuit A#31	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-CIR-38	E101 device locations on circuit A#38	**1 LOCATIONS**	E101	**Reference only; nonadditive** Printed circuit tags Detail of EL-POWER, not additive to its total. Final device type, existing/new condition and circuit identifiers VIF. Reference detail / vendor schedule, not an additional purchase quantity.
E-EM-XW	XW emergency/exit tagged locations	**3 EA**	E102	**Reference only; nonadditive** E102 field tags; legend excluded Detail of EL-EM; verify exact mounting and backup model. Reference detail / vendor schedule, not an additional purchase quantity.
E-EM-XEW	XEW emergency/exit tagged locations	**3 EA**	E102	**Reference only; nonadditive** E102 field tags; legend excluded Detail of EL-EM; verify exact mounting and backup model. Reference detail / vendor schedule, not an additional purchase quantity.
E-EM-XWL	XWL emergency/exit tagged locations	**1 EA**	E102	**Reference only; nonadditive** E102 field tags; legend excluded Detail of EL-EM; verify exact mounting and backup model. Reference detail / vendor schedule, not an additional purchase quantity.

03 Supporting registers

These schedules explain the same measured scope and deductions. They are not additional purchases.

Room area bases - 5 rows

Printed finish areas and traced clear polygons are different bases. No unexplained subtraction is presented as a measured deduction.

Area	Traced SF	Recorded finish SF	Drawing	Qualification
AREA-01	**562.197**	**555**	A301 / A101	Printed and traced finish bases may differ; overall drawing discrepancy open
AREA-02	**663.622**	**663.622**	A301 / A101	Printed and traced finish bases may differ; overall drawing discrepancy open
AREA-03	**538.191**	**534**	A301 / A101	Printed and traced finish bases may differ; overall drawing discrepancy open
AREA-04	**66.231**	**65**	A301 / A101	Printed and traced finish bases may differ; overall drawing discrepancy open
AREA-05	**30.33**	**30.33**	A301 / A101	Printed and traced finish bases may differ; overall drawing discrepancy open

Wall and nominal opening register - 17 rows

Four new and thirteen existing wall records. All installation heights remain unverified; six nominal openings are coordination records.

Wall	Scope	Length LF	Confirmed height FT	Openings EA	Nominal widths FT	Drawing	Qualification
W01	New	**28.893**	Unmeasured	**1**	3	A101	Field verification required
W02	New	**35.769**	Unmeasured	**1**	3	A101	Field verification required
W03	New	**0.809**	Unmeasured	**0**		A101	Field verification required

Wall	Scope	Length LF	Confirmed height FT	Openings EA	Nominal widths FT	Drawing	Qualification
W04	New	**25.822**	Unmeasured	**0**		A101	Field verification required
EX01	Existing	**4.57**	Unmeasured	**0**		A101	Field verification required
EX02	Existing	**57.475**	Unmeasured	**0**		A101	Field verification required
EX03	Existing	**35.849**	Unmeasured	**0**		A101	Field verification required
EX04	Existing	**0.338**	Unmeasured	**0**		A101	Field verification required
EX05	Existing	**14.356**	Unmeasured	**0**		A101	Field verification required
EX06	Existing	**57.937**	Unmeasured	**1**	3.33	A101	Field verification required
EX07	Existing	**8.949**	Unmeasured	**0**		A101	Field verification required
EX08	Existing	**5.641**	Unmeasured	**0**		A101	Field verification required
EX09	Existing	**4.111**	Unmeasured	**0**		A101	Field verification required
EX10	Existing	**11.031**	Unmeasured	**1**	3.33	A101	Field verification required
ER1	Existing	**7.769**	Unmeasured	**0**		A101	Field verification required
ER2	Existing	**13.556**	Unmeasured	**1**	3	A101	Field verification required
ER3	Existing	**7.769**	Unmeasured	**1**	3	A101	Field verification required

Mechanical route register - 21 rows

The same 21 runs are detailed in the mechanical model takeoff. Existing exhaust is excluded from new-duct quantities; this supporting schedule is not additional scope.

Run	System	Clear size	Horizontal LF	Drawing	Scope
H-D01	supply	28 x 14 in	**23.077**	M101	New horizontal
H-D02	supply	16 x 12 in	**17.56**	M101	New horizontal
H-D03	supply	14 x 10 in	**33.027**	M101	New horizontal
H-B01	supply	8 in	**6.027**	M101	New horizontal
H-B02	supply	8 in	**3.987**	M101	New horizontal
H-B03	supply	8 in	**5.553**	M101	New horizontal
H-B04	supply	8 in	**3.967**	M101	New horizontal
H-B05	supply	8 in	**3.967**	M101	New horizontal
H-B06	supply	8 in	**6.87**	M101	New horizontal
H-B07	supply	8 in	**8.063**	M101	New horizontal
H-B08	supply	8 in	**10.343**	M101	New horizontal
H-B09	supply	8 in	**11.357**	M101	New horizontal
H-B10	supply	8 in	**7.63**	M101	New horizontal
H-B11	supply	8 in	**4.427**	M101	New horizontal
H-B12	supply	8 in	**4.427**	M101	New horizontal
H-B13	supply	8 in	**17.82**	M101	New horizontal
H-B14	supply	6 in	**18.874**	M101	New horizontal
H-R01	return	18 x 12 in	**10.132**	M101	New horizontal
H-E01	exhaust	10 in	**19.83**	M101	New horizontal
H-E02	exhaust	10 in	**3.647**	M101	New horizontal
H-E03	existing_exhaust	4 in	**9.617**	M101	Existing / confirm extent

Plumbing route basis - 11 rows

P101 background registers at 13.5 PDF points per foot, despite its printed scale caption. The scale conflict remains an open question.

Route	System	Horizontal LF	Drawing / PDF page	PDF points / FT	Traced paths	Qualification
PL-CW-M	CW	**38.593**	P101 / physical PDF p18	**13.5**	**1**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.
PL-HW-M	HW	**32.593**	P101 / physical PDF p18	**13.5**	**1**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.
PL-HWR-M	HWR	**31.852**	P101 / physical PDF p18	**13.5**	**1**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.
PL-SAN-M	SAN	**41.778**	P101 / physical PDF p18	**13.5**	**1**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.
PL-CW-T	CW	**28.519**	P101 / physical PDF p18	**13.5**	**5**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.
PL-HW-T	HW	**26.667**	P101 / physical PDF p18	**13.5**	**5**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.
PL-SAN-T	SAN	**24.074**	P101 / physical PDF p18	**13.5**	**5**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.

Route	System	Horizontal LF	Drawing / PDF page	PDF points / FT	Traced paths	Qualification
PL-V-T	V	**49.556**	P101 / physical PDF p18	**13.5**	**6**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.
PL-CW-DF	CW	**5.704**	P101 / physical PDF p18	**13.5**	**1**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.
PL-WASH	CW/HW	**6.296**	P101 / physical PDF p18	**13.5**	**2**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.
PL-SAN-FD	SAN	**12.444**	P101 / physical PDF p18	**13.5**	**4**	Calibrated horizontal trace only; risers, drops, offsets, fittings and tie-ins remain separate.

04 Open questions

Resolve the following with the responsible design / project team before final pricing, procurement or fabrication.

Question	Issue	Drawing / interface	Action
H01	EF-1(N) on floor plan/schedule versus EF-2(N) on roof plan	M101 / M102 / M401	Confirm single new fan tag and location before ordering.
H02	Floor exhaust grilles 875 + 585 = 1,460 CFM versus fan 1,500 CFM; toilet E-2 shows 40 versus 75 CFM balance	M101 / M401	Engineer to issue corrected outlet and exhaust balancing values.
H03	Air-balance total supply row 2,400 CFM conflicts with 2,630 CFM RTU, ventilation table and 14 supply devices	M401 / M101	Use 2,630 as documented sum for review; request corrected schedule, no redesign implied.
H04	M101: 10 ft main acoustic lining versus M301: all return + first 15 ft supply	M101 / M301	Confirm lining extent, thickness and final clear-inside duct dimensions.
H05	M101: 8 in retail branches at 280 CFM versus M401 neck-size table 10 in for 201-400 CFM	M101 / M401	Engineer/shop drawings to reconcile; do not silently resize measured branches.
H06	No duct centerline elevations or roof/deck height supplied in reviewed plans	M101 / M102	Measure roof and ceiling heights, vertical rises, offsets and all crossing clearances.
H07	New duct base scope versus note offering existing-duct reuse after approval	M101	Base quote new ducts; quote approved reuse as separate alternate.
H08	Fan timeclock, lighting, RTU interlocks and occupied schedule note overlap	M401 / E101	Agree final control matrix and trade responsibility.
P01	Lint interceptor scheduleqty4 conflicts with5 tubs and one-under-each-tub note	P101 / P401 / P601	Confirm5 units or issue revised fixture layout.
P02	A3012 water heaters; P6011new119gal heater; E101existingheaterrelocation	A301 / P601 / E101	Engineer/owner to confirm equipment count, new/reuse scope, capacity and feeder.
P03	Water-heater outlet120F on P401 versus110F revised note on P601	P401 / P601	Confirm storage/mixed distribution and point-of-use setpoints.
A01	Most ceiling elevations not dimensioned; restroom8ft only	A201 / A101	Confirm ceiling elevations and resulting board/stud heights. 8ft reference display is not a measured height.
A02	Gross2011SF and ventilation-room areas differ from net finish polygons/printedA301areas	A000 / A301 / M401	Retain gross, printed net and traced net separately; verifygrooming clear area.
A03	Restroom new in A000 narrative butexisting/NIC in A101/A301/P101	A000 / A101 / A301 / P101	Confirm retained restroom scope and any accessibility upgrade required.
A04	Existing ceilings retained while newRCP adds areas andlights	A100 / A201	Reconcile new vs retained ACT polygons before ordering tiles/grid.
E01	Architectural fixture schedule and September E601 fixture models/controls need reconciliation	A201 / E102 / E601	Use latest electrical device schedule for procurement; confirm counts,track lengths and camera vendor.
E02	Electrical panel identifiersL2 vs A circuit labels and water-heater feed assumptions	E101 / E601	Field verify panels, spare capacity and circuit connections.

Question	Issue	Drawing / interface	Action
R01	Roof openings require landlord/owner roofing coordination; roof elevation and condition absent	M000 / M102	Field verify intake/exhaust 10 ft separations, curb supports and flashings; structural engineer review as required.
P04	P101 caption1/4in scale but plan background registers approximately13.5PDFpoints/ft to A101;1-1/4in trunk vs1-1/2in WH note	P101 / P401	Calibrated route traces used. Verify supply/drop sizes and field lengths before fabrication.
A20	A101 overall 61 ft 11 in dimension disagrees with its detailed dimension-line endpoints at the independently checked 3/16 in scale (about 62.880 ft / difference11.56in).	A101	Architect/field verify overall and dimension chain. Preserve detailed calibrated XY; do not uniformly rescale or use the overall as a fabrication control.
H09	Scheduled S-2 12 x 12 in face and TMS-AA designation need an exact product selection.	M401 / product submittal pending	Confirm material, frame, module and exact model with engineer and supplier. Keep the scheduled face and count pending clarification.

05 Source and review basis

Client architectural and MEP drawing set (identity withheld). Architectural issue July 21, 2026; MEP revision 04, September 16, 2026

No separate document ID was assigned in source-manifest.json; private PDF hash plus physical page is the evidence locator.

Source PDF SHA-256: 376b0c255165e00039c785d8008a16410c03d73ceaf9f8932fbe8e34a5941f00

Sheet	Source title	Physical PDF page
A000	Cover	1
A100	Demo Plan	8
A101	Construction Plan, Schedules & Details	9
A201	RCP & Power Plan	10
A301	Finish & Furniture Floor Plans & Schedules	11
A401	Interior Elevations	12
A501	Door, Transition and Shelving Details	13
A601	General Details	14
A701	Millwork Details	15
P101	Plumbing Floor Plan	18
P401	Plumbing Riser Diagram	19
P501	Plumbing Details	20
P601	Plumbing Schedules	21
M101	Mechanical Floor Plan	24
M102	Mechanical Roof Floor Plan	25
M301	Mechanical Details	26
M401	Mechanical Schedules	27
E101	Electrical Power Floor Plan	31
E102	Electrical Lighting Floor Plan	32
E103	Electrical Roof Floor Plan	33

Sheet	Source title	Physical PDF page
E501	Electrical Details	**34**
E601	Electrical Single Line and Panel Schedules	**35**
EN001	Energy Compliance Forms	**36**
EN002	Energy Compliance Forms	**37**

Checks performed

Original A101 physical PDF page 9 independently reconstructs new wall W01 at 28.893363 LF, matching the model / ledger at displayed precision. The public render is pixel-identical to its matching source model image. Main mechanical routes also have separate original-PDF comparisons.

Review still required

Source schedule and arithmetic reconciliation do not independently remeasure every line. The overall A101 dimension discrepancy, heights, fixture conflicts and field interfaces remain open. No priced or approved bid is claimed.

1. Most ceiling, wall, deck and MEP placement heights are not dimensioned; 8/8.5/10.5/13-ft model values are not verified installation dimensions. Only existing restroom ceiling 8 ft is documented.

2. A101 overall dimension conflicts with detailed calibrated geometry; retain open A20 and do not uniformly rescale.

3. Board, paint and FRP surface quantities use stated height allowances. Stud/gauge/bracing/backing and rough-opening details need actual final conditions.

4. Plumbing P101 printed scale conflicts with registered background scale; horizontal paths use 13.5 PDF pt/ft registration. Vertical drops/risers and tie-ins remain unresolved.

5. Electrical branch wire/conduit routing and HVAC vertical quantities remain null, not zero. Several other unknowns are explicit 1-LS scope holds, not firm physical quantities.

6. New/retained ACT, latest electrical fixture selections/counts, heater count/new-reuse duty, lint interceptor count and MEP interfaces need coordination.

7. Deferred fire protection/alarm, exterior signs and field-dependent roof scope are not measured final systems.

8. Owner/reference furniture schedules, repeated electrical details, purchase allowances and parent installation scope must not be summed twice.

9. The current source register covers 37-sheet scope; it is not evidence that every source quantity received an independent second measurement.

10. The commercial and mechanical pages are two views of this same anonymous project. Mechanical quantities are shared, not added twice.

11. The full 195-entry ledger contains reference schedules and allowance rows. It is not 195 additive procurement items.

12. Original client plans, addresses, personnel, supplier pricing and private project links are omitted.