

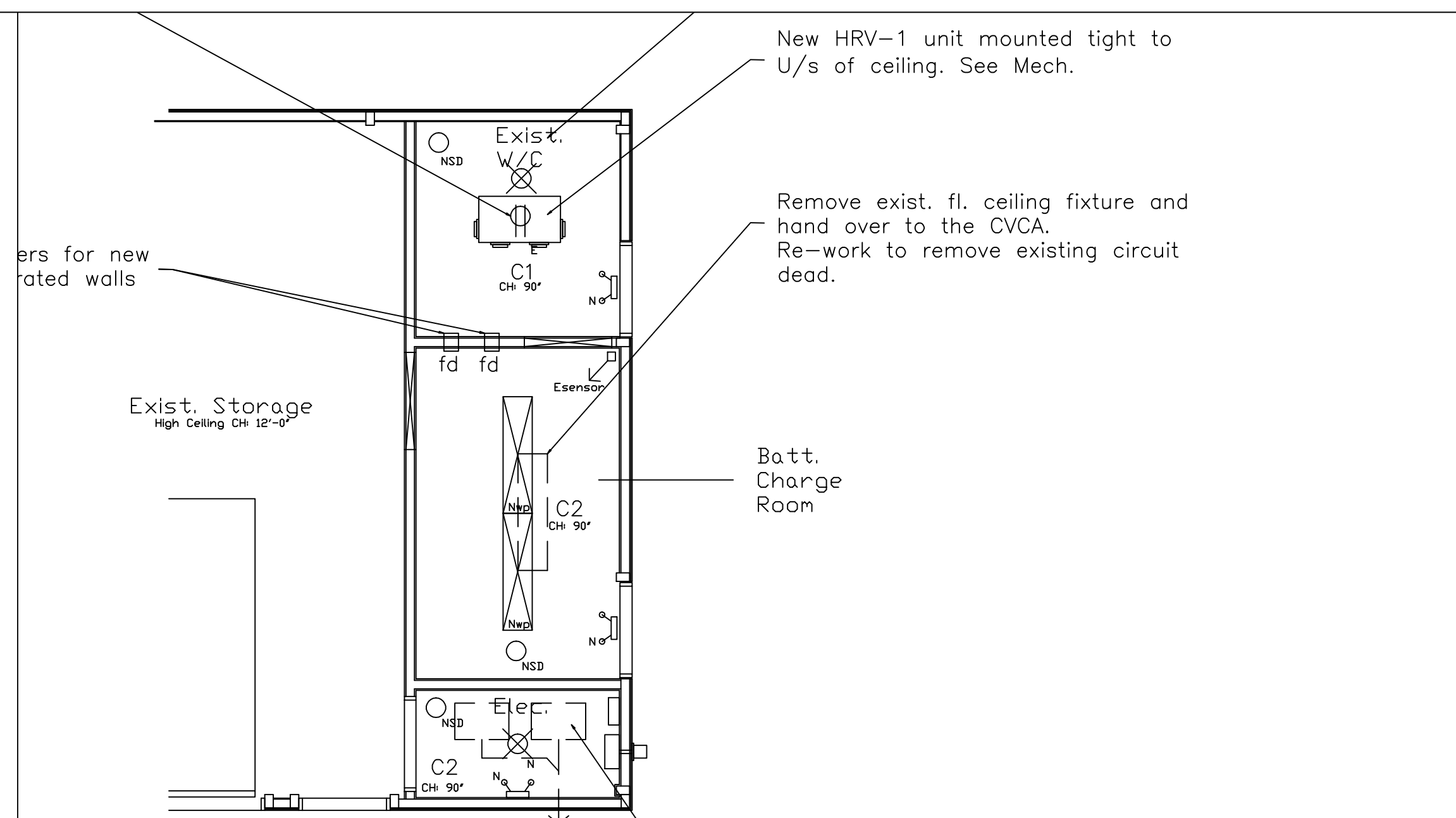
Existing 2x4" @ 16" c/c stud framed walls to remain as is. Upgrade walls as per Wall type P1. See plan.

Exist. 2x6" @ 16" c/c ceiling framing + exist. 3/4" plywood deck to remain as is. Upgrade assembly as per Ceiling type C2.

New 18"x42" heavy duty powder coated steel storage racks supplied and installed by CVCA. Racks to be 4 levels high with 5 shelf vertically. See section detail of rack units.

PROPOSED ALTERATION SECTION

1 Section Through Area of Work  
A2 1/4" = 1'-0"



New HRV-1 unit mounted tight to U/s of ceiling. See Mech.

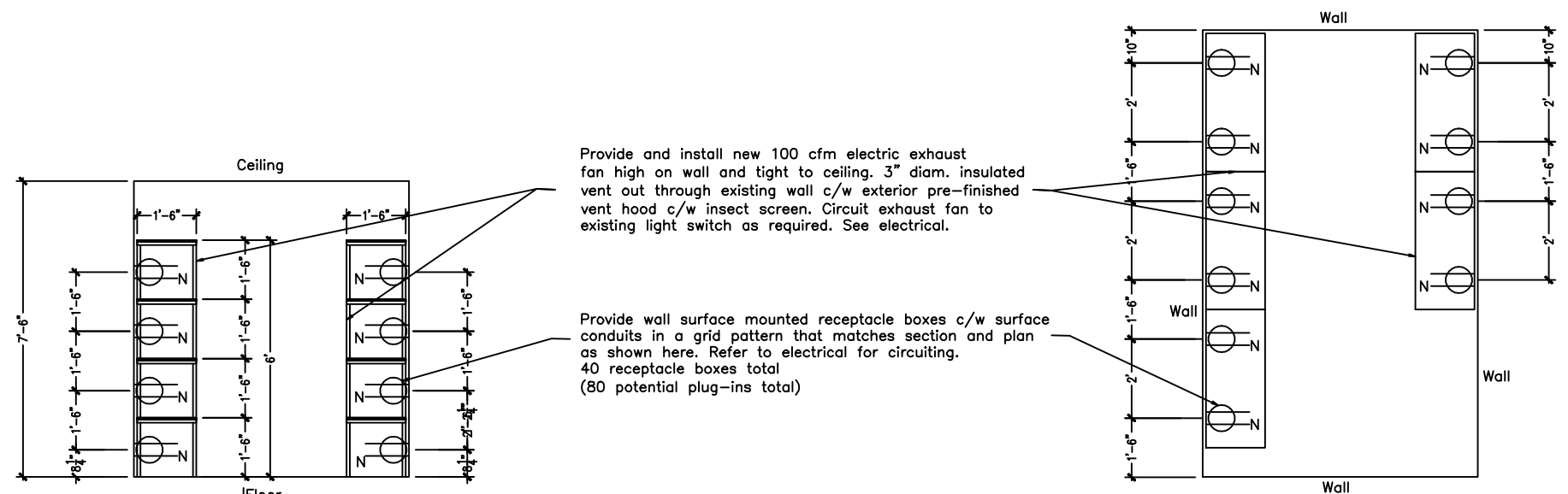
Remove exist. fl. ceiling fixture and hand over to the CVCA. Re-work to remove existing circuit dead.

Remove and discard exist. ceiling mounted kitchen exhausts complete with 3" ducts to exterior vent. Rework or remove circuits as required.

Patch existing hole in siding where vent removed with pre-finished metal cover plate and caulk to suit.

PROPOSED ALTERATION PLAN

1 REFLECTED CEILING PLAN- Low level  
A2 1/4" = 1'-0"



Provide and install new 100 cfm electric exhaust fan high on wall and tight to ceiling. 3" diam. insulated vent out through existing wall c/w exterior pre-finished vent hood c/w insect screen. Circuit exhaust fan to existing light switch as required. See electrical.

Provide wall surface mounted receptacle boxes c/w surface conduits in a grid pattern that matches section and plan as shown here. Refer to electrical for circuiting. 40 receptacle boxes total (80 potential plug-ins total)

Batt. Charge Room Section

Batt. Charge Room Plan

3 Battery Rack & Receptacle Layout Plan & Section  
A1 1/4" = 1'-0"

Wall & Partition Types

- P1 -Existing 2x4" studs @ 16" c/c framed wall to remain  
-Remove exist. 3/8" plywood sheathing both sides complete and discard.  
-Provide new 1 1/2" Roxul fire/thermal batt semi rigid insulation within existing stud cavities.  
-Provide new 5/8" type X GWB both sides.  
-Mud, tape, mud, sand, prime and paint 2 coats satin white latex paint.  
-1 hr. rated wall, ULC W301
- P2 -Existing opening in fill wall  
-Remove exist. door, frame, casing, hardware complete and discard.  
-Provide new 2x4" stud framing @ 16" c/c infill within existing opening to match existing framing, c/w neoprene gasket to U/S of base plate.  
-Provide new 1 1/2" Roxul fire/thermal batt semi rigid insulation within existing stud cavities.  
-Provide new 5/8" type X GWB both sides.  
-Mud, tape, mud, sand, prime and paint 2 coats satin white latex paint.  
-1 hr. rated wall, ULC W301 similar.
- P3 -New demising wall.  
-Provide new 2x4" stud framing @ 16" c/c c/w neoprene gasket to U/S of base plate.  
-Provide new 1 1/2" Roxul fire/thermal batt semi rigid insulation within existing stud cavities.  
-Provide new 5/8" type X GWB both sides.  
-Mud, tape, mud, sand, prime and paint 2 coats satin white latex paint.  
-1 hr. rated wall, ULC W301
- P4 -Existing exterior wall to remain.  
-Remove exist. 3/8" plywood wall sheathing from interior face and discard.  
-Remove exist. wall insulation where and if found.  
-Re-frame existing framing around new man doors with 2x4" stud framing to code.  
-Provide new 3 1/2" Roxul fire/thermal batt semi rigid insulation within existing exterior stud cavities.  
-Provide new 6 mil poly vapour barrier, overlap, tuck tape and seal with accoustoseal sealant top and bottom as required.  
-Provide new 5/8" type X GWB to inside face.  
-Mud, tape, mud, sand, prime and paint 2 coats satin white latex paint.
- WE -Existing exterior wall to remain.  
-4"x6" creosoted posts @ +/- 8'-0" c/c  
-2x4" stud wall construction @ 24" c/c  
-7/16" exterior tar/tear sheathing with 1/2" pre-finished exterior horizontal siding.  
-3/8" interior painted plywood sheathing.  
-R12 cavity insulation.
- PE -2x4" stud wall construction @ 16" c/c  
-3/8" interior painted plywood sheathing both sides.  
-R12 cavity insulation.

Ceiling Types

- C1 -Existing 3/8" plywood sheathing to U/S of existing wood roof trusses or 2x6" ceiling joists to remain as is. Avoid damage.
- C2 -Existing 2x6" @ 16" c/c ceiling framing to remain as is.  
-Remove existing 3/8" plywood ceiling sheathing and any thermal insulation found and discard.  
-Remove existing edge boards around curbed area above ceiling to expose existing framing and 3/4" plywood decking above 2x6" framing. Retain existing 3/4" plywood sheathing above framing as is.  
-Provide new R20 Roxul fire/thermal semi rigid batt insulation within exist. 2x6" ceiling joists to suit.  
-Provide new 6 mil poly vapour barrier to underside of 2x6" ceiling joists, overlap to wall 18", tuck tape and seal with accoustoseal sealant as required.  
-Provide 5/8" type X GWB to all ceilings C2, mud, tape, mud, sand, prime and 2 coats latex ceiling white paint.  
-Provide new 5/8" type X GWB on top of existing 3/4" plywood sheathing on top of ceiling joists, mud, tape, mud, sand, prime and 2 coats latex ceiling white paint.  
-1 hr. rated similar to ULC W301

Door Types

- D1 Cut and Re-frame new man door opening to code in existing framed stud wall to suit new door.  
Install new 3'-0" x 6'-8" HM insulated door, 2" HM frame 16 ga. welded corners, insulated and thermally broken. S.S. service door hardware c/w lock, 3 S.S. hinges, smooth closer, sand, prime, 2 coats semi-gloss exterior latex paint.
- D2 Remove exist. window complete and discard.  
Cut existing siding and wall to suit new man door.  
Re-frame to code to suit door.  
Install new 3'-0" x 6'-8" HM insulated door, 2" HM frame 16 ga. welded corners, insulated and thermally broken. S.S. entry door hardware c/w lock, 3 S.S. hinges, alum. threshold, door seals, smooth closer, sand, prime, 2 coats semi-gloss exterior latex paint.  
Wrap VB and foam gaps around door, provide new pre-finished 3" or 4" metal trim-outs around door and pre-finished metal head drip flashing to suit.  
Caulk all exterior joints with matching exterior siliconized sealant to suit.
- D3 Existing man doors or overhead roll-up doors to remain as is.

Electrical Items

- Existing receptacle to remain as is.
- New receptacle location. See Electrical.
- Existing wall switch to remain as is.
- New wall switch. See Electrical.
- Existing ceiling mounted light fixture to remain as is.
- New ceiling mounted light bulb fixture c/w wire safety cage. See electrical.
- Existing ceiling mounted FL light fixture to remain as is.
- Existing wall mounted FL light fixture to remain as is.
- New ceiling mounted FL light fixture c/w protective temp. glass cover lense, water proof fixture. Refer to Electrical.
- Existing motion sensor to remain as is.
- Existing alarm horn to remain as is.
- Existing ceiling mounted smoke/heat detector to remain as is.
- New ceiling mounted smoke/heat detector. See Electrical.
- Existing alarm control pad to remain as is.
- Existing powered emergency exit sign c/w single or double emergency light heads to remain as is.
- New powered emergency exit sign c/w single or double emergency light heads. See Electrical.
- Existing sensor flood lights single or double heads to remain as is.
- Existing wall mounted 5 lb. ABC fire extinguishers to remain as is.
- New provided wall mounted 5 lb. ABC fire extinguishers to match existing units.
- Existing electric base heater to be removed and circuit and wires removed.

Contractor to check and verify all dimensions on site and report any discrepancies to the Architect prior to proceeding with the work.

Do not scale the Drawings.  
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This Drawing is not to be used for construction until countersigned by the Architect.

Architect's signature \_\_\_\_\_  
Date: \_\_\_\_\_

No.	Revision	Date
1		
2		
3		

4		
3		
2		
1	Issued for Permit	Mar. 2012

Drawing Title  
**Section, Reflected Ceiling Plan (low) Schedules & Rack/Receptacle plan**

Project  
CVCA Meadowdale Workshop Interior Alterations  
Battery Charging Room  
7060 Old Mill Lane  
Meadowdale Village  
Mississauga, Ontario

**ACI Architects Inc.**  
30 Furnival Road  
Toronto, Ontario  
M8B 1W3  
Office: 647-344-2885  
Fax: 647-342-5744  
wjoannou@aciarch.ca  
wjoannou@agers.com

William B. Joannou, B.Arch. Sci., B.Arch., OAA

Structural -  
Mechanical - G.E. Group Engineers  
Electrical - G.E. Group Engineers  
Soil Engineering -  
Septic System -

Scale as shown Drawing Number -  
Drawn by - WBJ  
Checked by - WBJ  
File Number - 2012-04  
Date - March 2012

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