

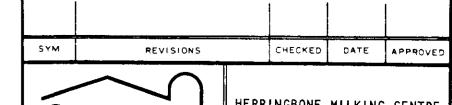
ONE SET OF DRAWINGS & LEAFLETS SHOULD INCLUDE

CPS	SHEET	TITLE
no.	no.	
2502	1	Herringbone milking center (two return alleys)
2502	2	Floor plan
2502	3	Cross section
2502	4	Longitudinal section & details
2502	5	Electrical plan & wall section
AND		
Q-2503		Milking parlor grounding method
2821		Single headrail tie stall
9102		Truss erection & bracing
9324		Stud frame walls
OPTIONAL		Roof truss plan, to suit span and snow load

"This plan conforms to the requirements of the Canadian Farm Building Code. The user of this plan must ensure that the design criteria indicated herein will meet all local design conditions, building regulations and special requirements."

TRACED

This plan may require structural and other changes to meet local site conditions, climatic loads, user requirements and applicable building regulations (such as the Canadian Farm Building Code). Before construction, the user of this plan is responsible to ensure that all required changes are made.





HERRINGBONE MILKING CENTRE ( TWO RETURN ALLEYS )

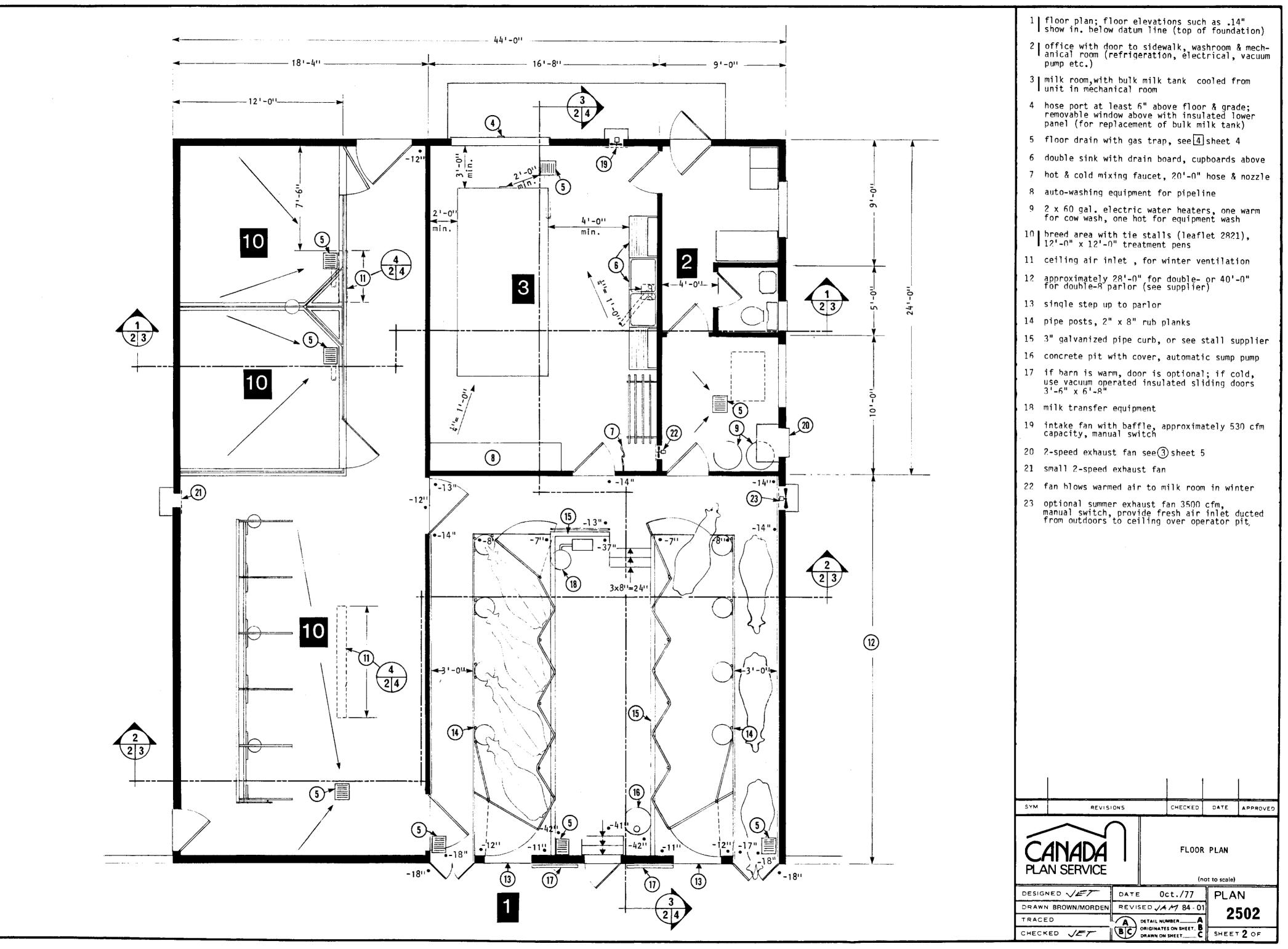
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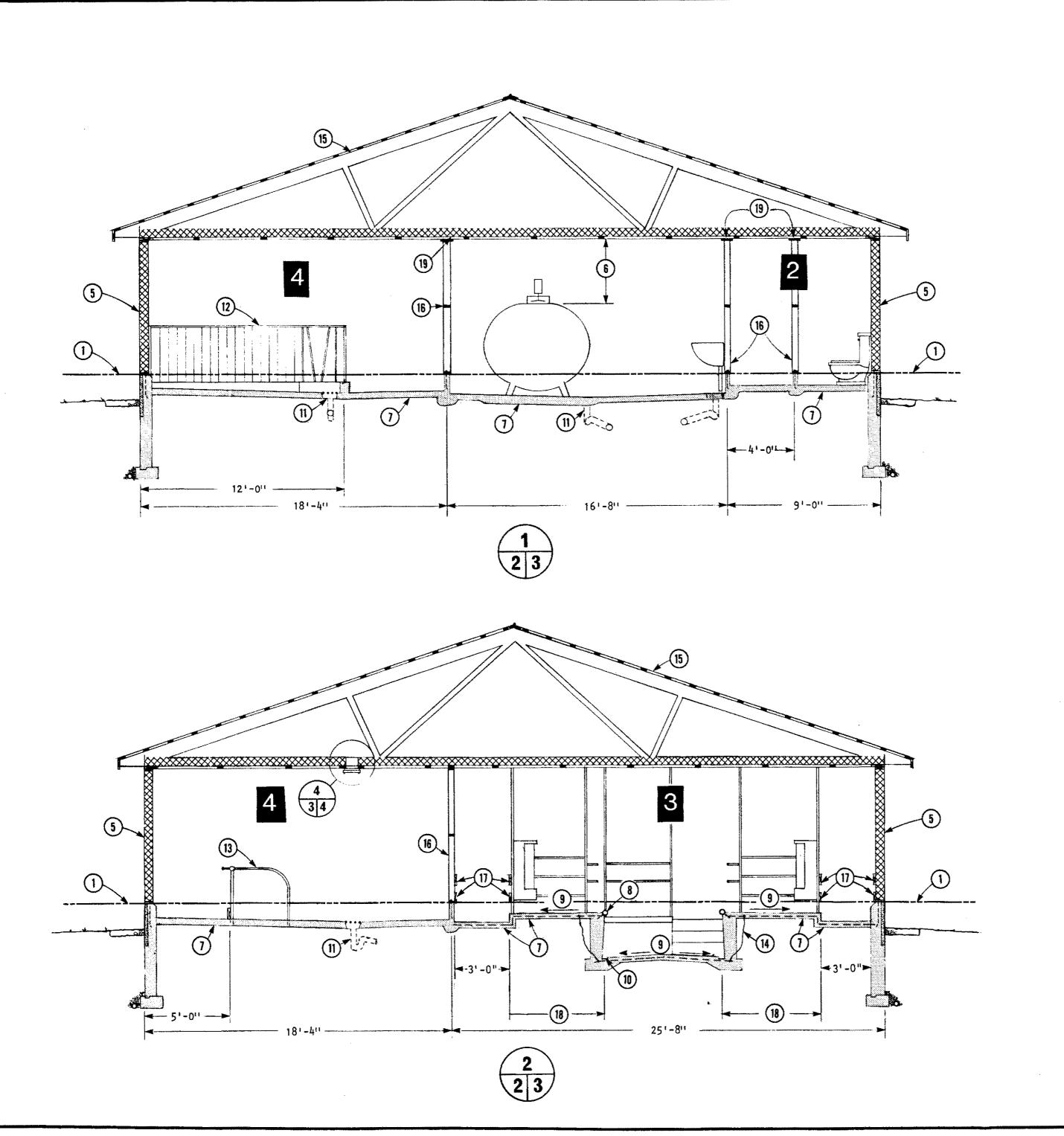
PLAN

DESIGNED JET DATE Oct./77 DRAWN . D. BROWN REVISED JAM 84-01

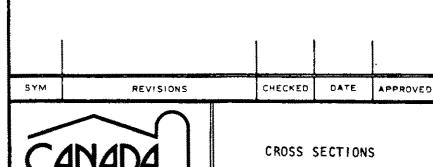
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2502 A DETAIL NUMBER A CONGINATES ON SHEET B CONGINATES ON SHEET CONGINATES ON SHEET TOF





- 1 datum line, top of concrete foundation; floor elevations such as .-14" show in, below datum line, dot shows location
- 2 washroom & hallway to office
- 3 milking parlor (see manufacturer)
- 4 | hreed and treatment area
- 5 insulated wall and concrete foundation see plan 9324, R20 insulation in wall, R28 in ceiling, sill CCA pressure-treated and stud butts soaked in wood preservative
- 6 set milk room floor elevations to give at least 3'0-" clear from top of bulk tank to ceiling (for removal of milk measuring rod)
- 7 compacted sand or gravel fill 6". polyethylene vapor barrier, floor 4" of 4000 psi concrete, increase floor to 6" thick under bulk tank
- 8 3" galvanized pipe curb top set 2" above stall floor to floor with  $\frac{1}{2}$ " rebar lugs welded 0 3'-0" oc, or see supplier
- 9 floors sloped to drain; see floor plan sheet 2
- 10 3" x 2" gutter, optional
- 11 floor drain and gas trap, see 4 sheet 4: 4" sewer pipe sloped uniform to sump
- 12 treatment pen (see manufacturer)
- 13 4'-0" wide stalls, see 2821 (no gutter)
- 14 all stall hardware & floor reinforcing electrically bonded, (plan 0-2503)
- 15 trusses 44'-0" span, 0 4'-0" oc
- 16 interior partitions 6" concrete block, or 4" stud frame as shown; if wood frame, sill CCA pressure-treated, stud butts soaked in wood preservative
- 17 2" x 8" rub planks @ 18" and 3'-0" from floor, secure to stall posts with U-bolts recessed flush
- 18 dimensions vary, see stall equipment Supplier
- 19 provide space over interior partitions as per camber indicated on truss plan



**PLAN SERVICE** 

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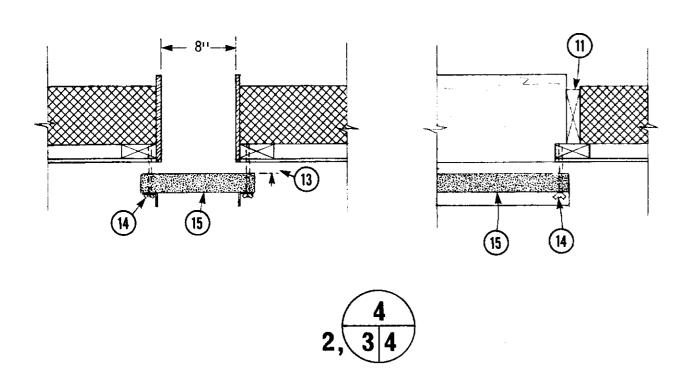
DETAIL NUMBER \_\_\_\_\_\_ORIGINATES ON SHEET \_\_\_\_\_

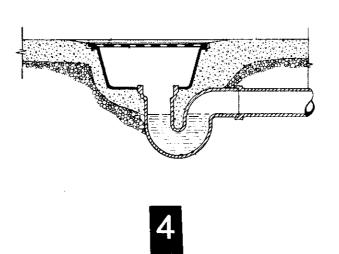
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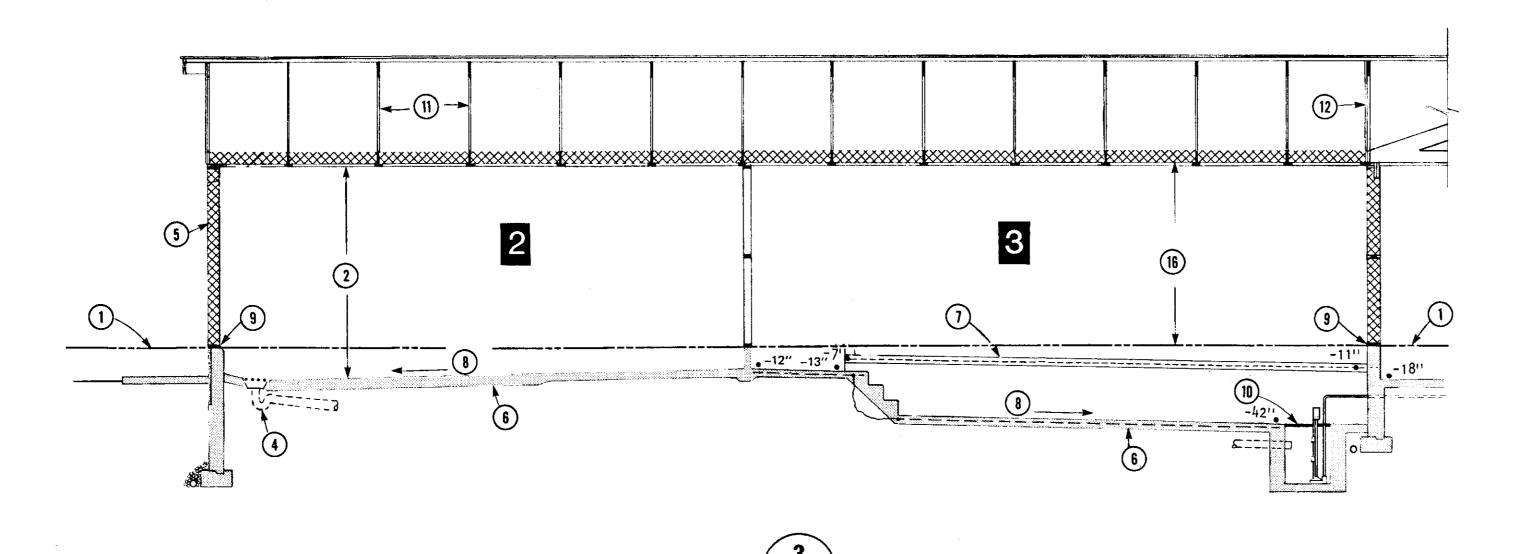
PLAN

2502

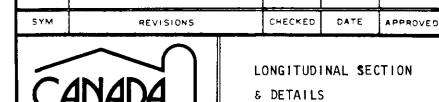
SHEET 3 OF







- 1 datum line, top of foundation; floor elevations such as .-14" show in. below datum line, dot shows location
- 2 milk room, height to give at least 3'-0" clear from top of bulk tank to ceiling (for removal of milk measuring rod)
- 3 | milking parlor
- 4 4" floor drain with ¼" steel cover plate, ¾" holes for drainage. Form sump in concrete with plastic dishpan, cut hole for P-trap. Use temporary ½" plywood cover to form rabbet in concrete
- 5 insulated wall and concrete foundation see plan 9324, R20 insulation in wall, R28 in ceiling, sill CCA pressure-treated & stud butts soaked in wood preservative
- 6 compacted sand or gravel fill 6", polyethylene vapour barrier, floor 4" of 4000 psi concrete 6" thick floor under bulk tank, for milking parlor grounding see plan 0-2503
- 7 3" galvanized pipe curb, top set 2" above stall floor, anchored to floor with ½" rebar lugs welded 3'-0" oc
- 8 floors sloped to drain; see floor plan sheet 2
- 9 elastomer or butyl caulking
- 10 concrete sump pit with cover
- 11 trusses 44'-0" span, @ 4'-0" oc
- 12 join to holding area, construction varies
- 13 adjust inlet slot 1/8" for cold winter weather, 3/8" for mild weather, closed for hot summer weather (open doors when cattle are housed)
- 14 and plated carriage holts, washers and wing nuts for inlet adjustments
- 15 2" x 12" extruded polystyrene baffle stiffened with 2" x 2" angle bent from galvanized sheet steel
- 16 8'-2" if ceiling is fastened to 2" ceiling strapping, 8'-0" if ceiling is fastened directly to trusses (see 9324)



PLAN SERVICE (not to scale)

DESIGNED JET DATE Oct./77 PLAN

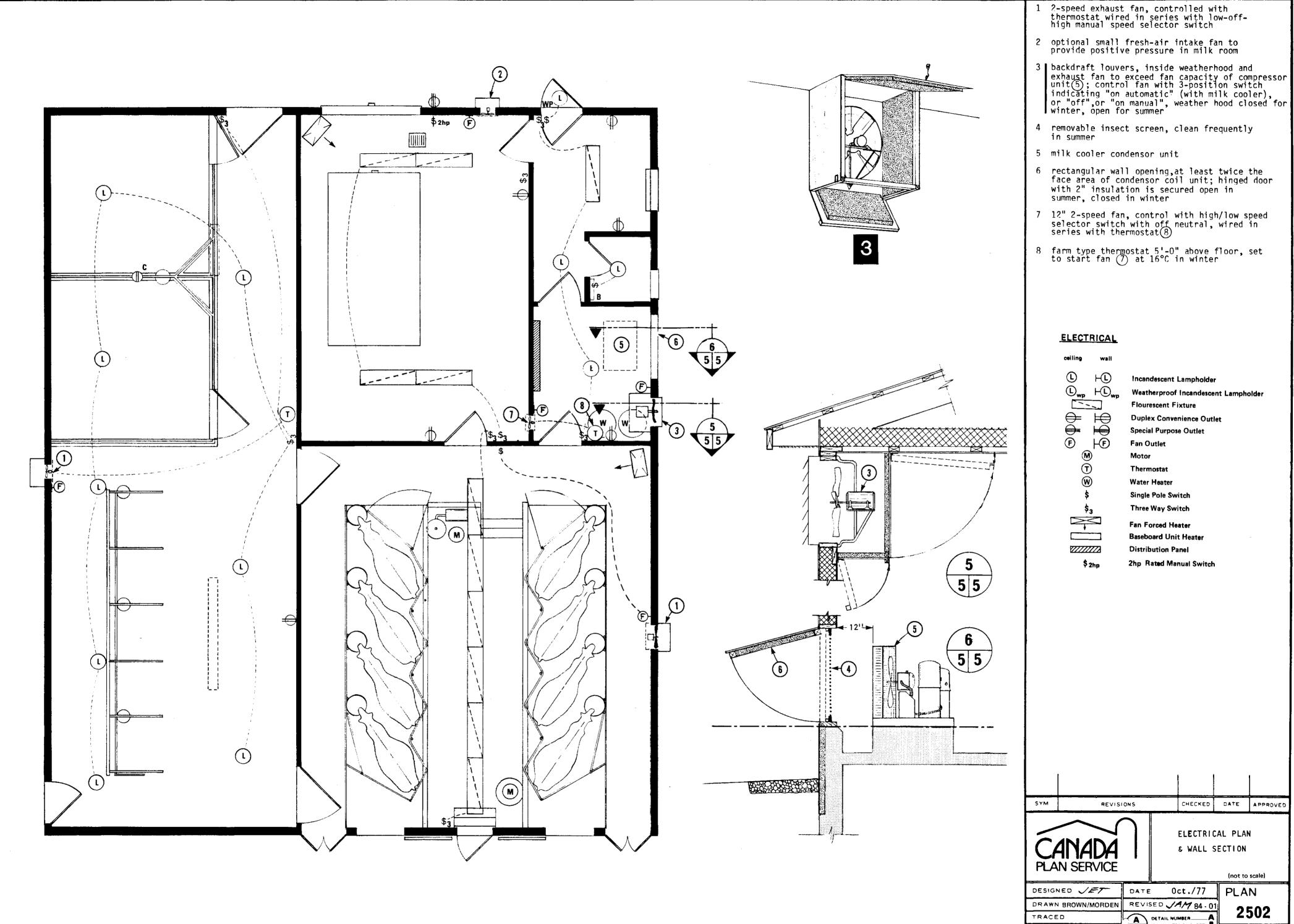
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ORIGINATES ON SHEET\_\_\_\_\_ SHEET 5 OF

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