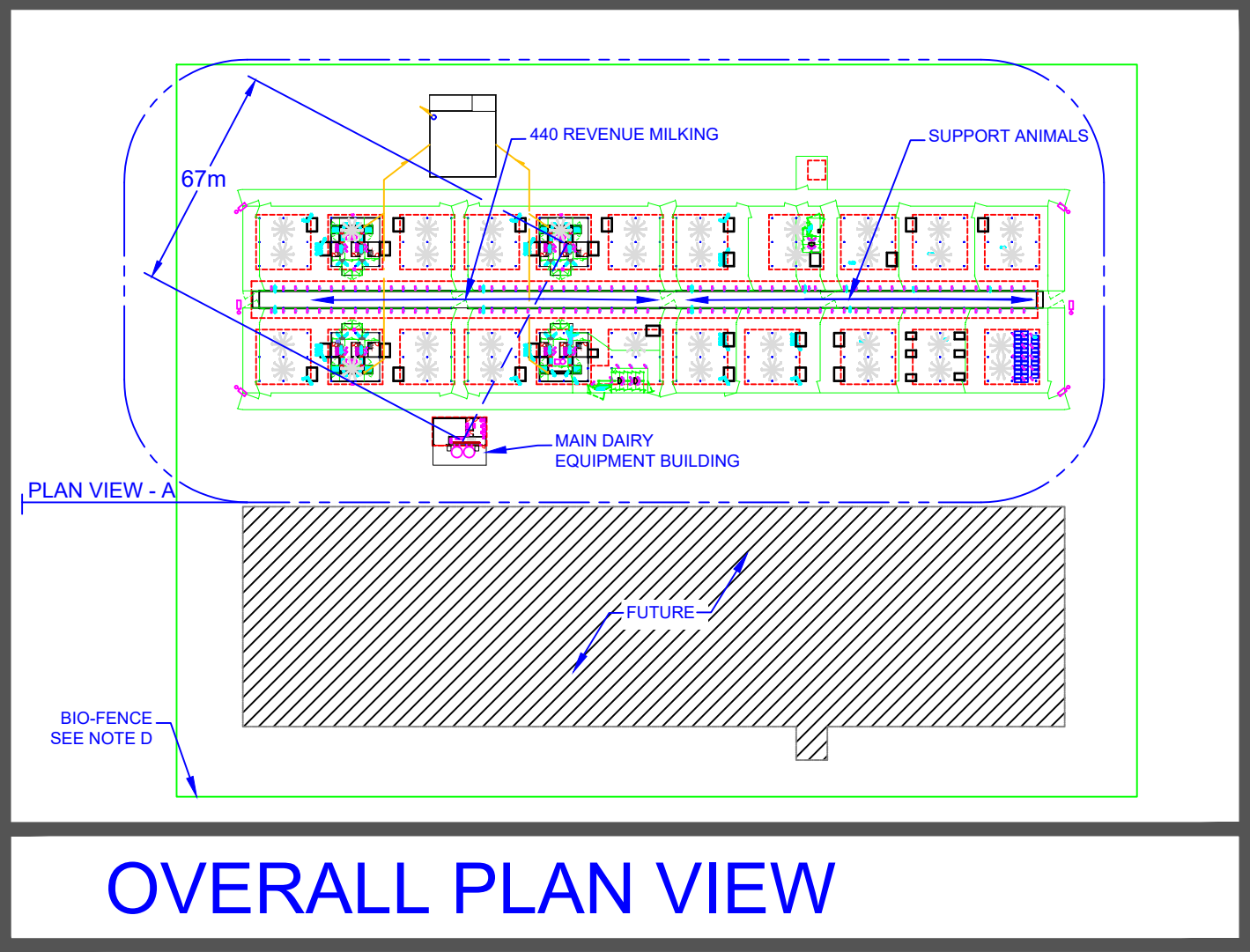
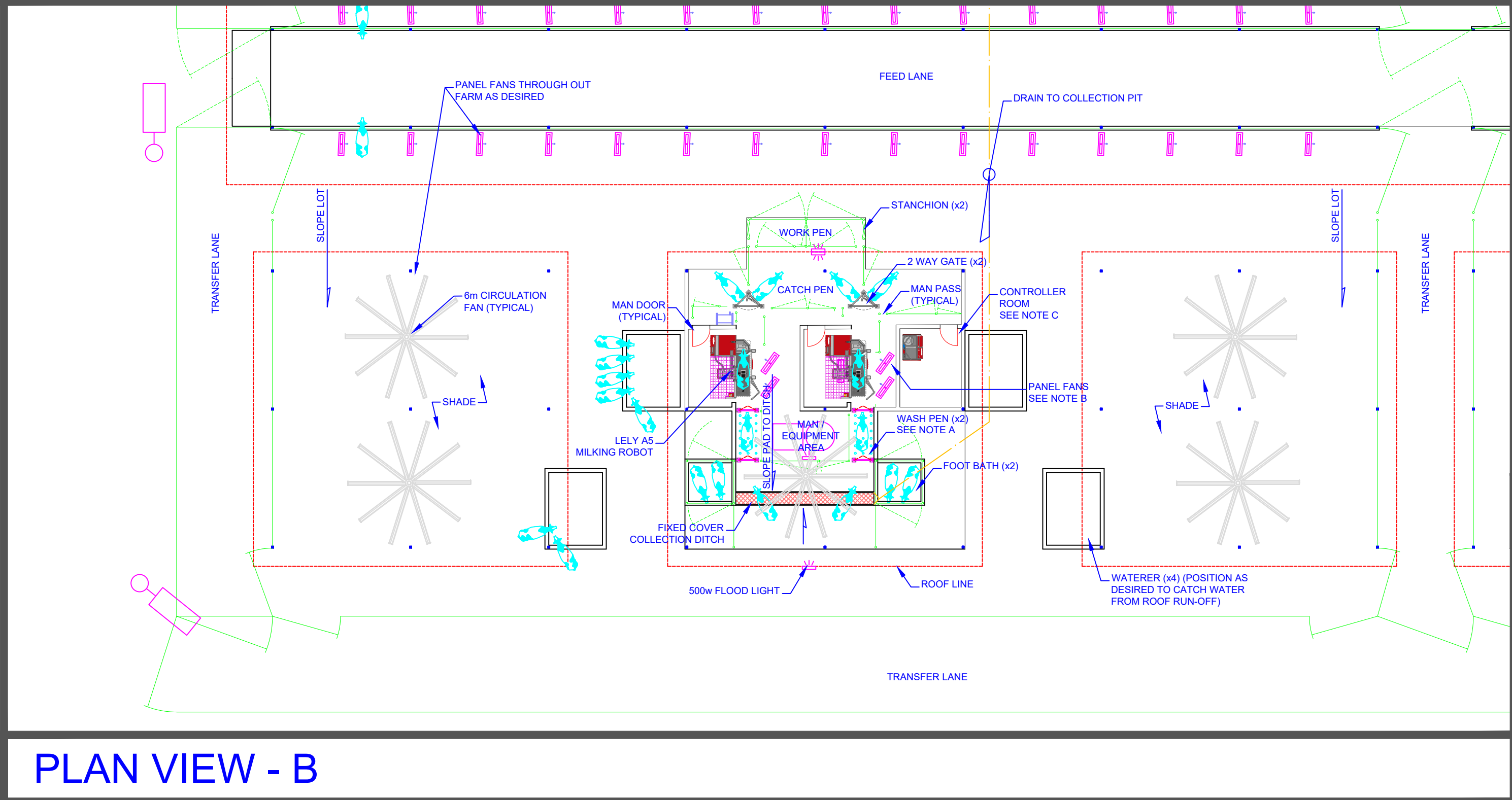


PLAN VIEW - A



OVERALL PLAN VIEW

NOT FOR CONSTRUCTION USE

CONCRETE TABLE	
AREA DESCRIPTION	AREA IN SQUARE METERS
MILK HOUSE(S)	850
MAIN DAIRY EQUIPMENT BUILDING	260
FEED LANE / WATERERS / OTHER AREAS	1600

ELECTRIC MINIMUM REQUIREMENTS	
AREA DESCRIPTION	AREA (EA.)
MILK HOUSE(S) (INCLUDES ROBOT EQUIP / FAN LIGHTING RECEPTACLE NEEDS)	75AMPS / 1PH / 230V
MAIN DAIRY EQUIPMENT BUILDING (INCLUDES FAN LIGHTING RECEPTACLE NEEDS)	100AMPS / 3PH / 400V (225AMPS / 1PH / 230V)
TYPICAL ANIMAL PEN (INCLUDES FAN LIGHTING RECEPTACLE NEEDS)	50AMPS / 1PH / 230V
FEED LANE (INCLUDES FAN & BREAK OUT PANELS FOR LIGHTING RECEPTACLE NEEDS)	250AMPS / 3PH / 400V (575AMPS / 1PH / 230V)
OTHER SITE NEEDS (INCLUDES SITE WASTE PUMPS AND MORE DETAILED OTHER BUILDING NEEDS)	125AMPS / 3PH / 400V (300AMPS / 1PH / 230V)

COST ESTIMATE TABLE	
AREA DESCRIPTION	COST (\$USD)
MILK HOUSE(S) (STRUCTURE AND EQUIPMENT INCLUDED IN COST ESTIMATE)	\$2.5mm
MAIN DAIRY EQUIPMENT BUILDING (STRUCTURE AND EQUIPMENT INCLUDED IN COST ESTIMATE)	\$300k
FEED LANE WITH FEED RAIL (STRUCTURE AND EQUIPMENT INCLUDED IN COST ESTIMATE)	\$200k
FENCING AND PEN CONSTRUCTION	\$750k
SITE NEEDS - FANS / LIGHTING / WATERERS	\$250k
SITE NEEDS - ROADS / UTILITIES / BACK-UP POWER / WASTE INFRASTRUCTURE / FRESH WATER WELL DEVELOPMENT	\$500k
TOTAL CONSTRUCTION ESTIMATE	\$4.5mm

NOTES:

A. WASH PEN TO FEATURE SINGLE COW ONE WAY RFID GATES AND MOTION DETECTING TIMED WASH AS DESIRED. EQUIPMENT AND RESERVOIR FOR WASH PEN TO LOCATED IN EQUIPMENT AREA OF MILK HOUSE PAD

B. ENSURE AMPLE AIR IS BLOWING ON COW DURING MILKING TIME

C. CONTROLLER ROOM AREA DESIGNED OVERSIZED FOR UPGRADES (I.E. MAUSE) & ELECTRICAL SERVICE NEEDS FOR THE WHOLE PEN

D. ENSURE BIO-FENCE IS CONSIDERED "HIGH FENCE" WITH BIO-WIRE

E. THIS DRAWING HAS NO WARRANTY AND IS FOR REVIEW PURPOSES ONLY. OTHER FACILITIES ARE REQUIRED FOR DAIRY OPERATIONS. THOSE FACILITIES CAN BE INTEGRATED ONCE DESIGN IS LICENSED FROM THE DESIGNER.

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440 / 880 REVENUE ROBOT - DRY LOT FARM  
PLAN VIEW

DATE: AUGUST 2023 PRIMARY SCALE: NTS DRAWN BY: CAB

REVISIONS	
NO.	DATE

MILK RIGHT  
DESIGNS  
TEXAS PROUD