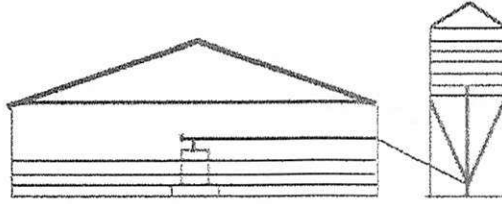


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November 29, 2023

2-46' X 532' HERITAGE LAYER BARN

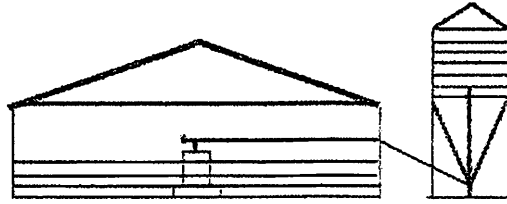
**RANDALL FISHER
241 BLUE MOUNTAIN ROAD
FREDERICKSBURG, PA 17026**

PHONE: 861-5507

**SALESPERSON
BRIAN ZEISET**

CELL PHONE: 717-989-4403

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THANK YOU FOR THE OPPORTUNITY TO PRESENT THIS QUOTATION FOR THE FOLLOWING:

2-46' X 532' BIRD AREA LAYER BARNS WITH A 28' X 46' MANURE STORAGE AREA ON THE BACK OF EACH BARN, A 12' X 46' ENTRANCE AREA ON THE FRONT OF BARN 2 AND A 46' X 48' EGGROOM AT THE FRONT OF BARN 1. WE WILL ALSO BUILD AN 8' X 50' CORRIDOR BETWEEN THE BARNS.

BUILDING SPECIFICATIONS (SPEC PER BARN)

FOUNDATION:

FOOTER POURED 3" X 24" WITH 2500 PSI CONCRETE WITH 6" X 36" CONCRETE WALL FOUNDATION ON ALL EXTERIOR WALLS EXCEPT THE EGGROOM WILL HAVE A 8" POURED WALLS. THE FOUNDATION IN THE CORRIDOR WILL ALSO HAVE A POURED WALL FOR THE FOUNDATION. WE WILL PUT A ½" REBAR VERTICAL EVERY 8' IN THE EXTERIOR WALLS AND 2-1/2" HORIZONTAL REBAR. THE PIT WILL BE DIVIDED WITH 6" POURED CURBS 3000 PSI CONCRETE. THE PITS ARE 12" DEEP. THE MANURE SHED WILL HAVE POURED WALLS 8" X 9' WITH 3000 PSI CONCRETE.

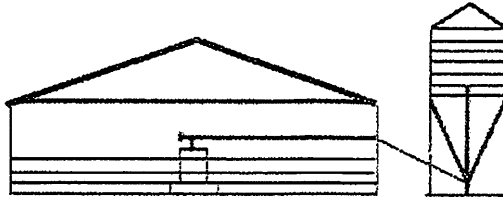
CONCRETE FLOOR & PADS:

THE FLOOR IN THE BARN AND EGGROOM FLOOR WILL BE POURED WITH 3000 PSI CONCRETE 3 ½" THICK. THE FLOOR IN THE MANURE STORAGE AREA WILL BE POURED WITH 3500 PSI CONCRETE 5" THICK. THERE WILL BE TWO FLOOR DRAINS IN THE EGGROOM WITH THE PIPE RUN TO THE OUTSIDE. THERE WILL BE 1-22' X 12' X 8" BIN PAD POURED WITH 3500 PSI CONCRETE WITH FIBER. ALSO THERE WILL BE 1-20' X 28' DOOR PAD OUTSIDE OF THE MANURE SHED 6" THICK 3500 PSI CONCRTE. ALL OUTSIDE PADS WILL HAVE A BROOM FINISH. THE BUYER IS RESPONSIBLE TO SUPPLY STONE FOR GRADING AND PREP WORK FOR CONCRETE.

FRAMING:

THE FRAMING INCLUDES 2X6 TREATED PLATE AND A DOUBLE TOP PLATE. THE STUDS ARE 2X6 #2 SPF 24" O/C WITH R-19 FIBERGLASS INSULATION COVERED WITH 4 MILL POLY AND SHEETED WITH 7/16" OSB IN THE BIRD AREA. THE WALLS IN THE EGGROOM/PACKING AREA AND COOLER WILL BE SHEETED WITH

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29 GA. PAINTED STEEL WALL LINER (INSTALLED VERTICAL). THE WALLS IN THE MANURE SHED WILL NOT BE SHEETED ON THE INSIDE. THE WALLS IN THE BIRD AREA WILL BE A 96" STUD WALL. THE CORRIDOR WALLS ARE 2X4 STUDS INSULATED WITH FIBERGLASS INSULATION SHEETED WITH 7/16" OSB. THE OFFICE AND THE MECHANICAL ROOM WALLS WILL BE FINISHED WITH GLASSBOARD BUT THE GENERATOR AREA WILL HAVE 5/8 DRYWALL ON THE WALLS AND CEILING THEN COVERED WITH PAINTED STEEL. THE PURLIONS AND TRUSS BRACING ARE 2X4 #2 SPF. THE TRUSSES ARE SET 4' O/C WITH A 5/12 PITCH, 40 LB TOTAL LOADING, & 16" TRUSS OVERHANG ON EACH SIDE. TRUSSES ARE DESIGNED WITH EXTRA POINT LOADS. THE ROOF ON THE CORRIDOR WILL NOT HAVE ANY OVERHANGS. THERE WILL BE 2X4 KNEE BRACES EVERY 8' ON BOTH SIDES LAGGED WITH 5/16 LAGS. THE WALLS WILL HAVE A TREATED 1X4 AROUND THE BOTTOM AND 1X3 LATH TO FASTEN THE STEEL SIDING TO.

ROOFING:

THE ROOF WILL BE 29 GA. G-90 GALVANIZED STEEL FASTENED WITH 1 1/2" SCREWS. THE ROOF WILL INCLUDE COBA VENT & CAPPING. THE CAPPING WILL BE FASTENED WITH 2" SCREWS.

SIDING:

THE SIDING WILL BE 29 GA. G-60 PAINTED STEEL FASTENED WITH 1" SCREWS. THE COLOR WILL BE (). ALL J-CHANNEL, CORNER TRIM, AND FASCIA COLOR WILL BE (). ALL THE TIN WILL BE PUT ON VERTICAL. WE WILL INSTALL PAINTED STEEL SOFIT ON THE EGGROOM.

SLATS:

THE SLAT SUPPORT WILL BE 2X4 SYP WITH 2X4 DYER BLACK PLASTIC SLATS. THERE WILL BE A TOTAL OF 266-4' X 13' SLATS. WE WILL HAVE A RAMP IN THE FRONT OF THE NEST.

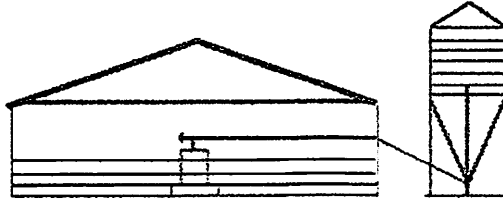
CEILING:

THE CEILING IN THE BIRD AREA, MANURE SHED, AND CORRIDOR WILL BE TRIPPLY CEILING. THE CEILING IN THE EGGROOM WILL BE 29 GA. WHITE STEEL WALL PANEL. THE CEILING WILL BE INSULATED WITH R-30 CELLULOSE INSULATION EXCEPT IN THE MANURE SHED THE CEILING WILL BE R-13.

DIVIDERS:

THERE WILL BE 2-45' DIVIDERS FRAMED WITH 2X4 AND COVERED WITH BIRD WIRE. THERE WILL ALSO BE TWO SICK PENS. THE FRONT OF BARN 2 WILL HAVE A DIVIDER WALL SHEETED WITH 7/16 OSB ON BOTH SIDES.

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COOLER ROOM:

THE COOLER WILL BE INSULATED WITH SPRAY FOAM R-30 INSULATION AND THE FLOOR WILL HAVE 2" FOAM UNDER THE CONCRETE. THE CEILING WILL HAVE 1" FOAM WITH CELLULOSE ON TOP OF THAT. THE WALLS AND CEILING WILL BE COVERED WITH WHITE PAINTED STEEL WALL PANEL.

DOORS & WINDOWS:

THERE WILL BE 1-8' X 8' INSULATED OVERHEAD DOOR WITH DOCK SEAL & 2-6' X 7' INSULATED OVERHEAD DOOR IN THE EGGROOM AREA. THERE WILL BE 23-36" X 80" DOOR TOTAL. THE MAIN ENTRANCE DOOR WILL HAVE A KEYLESS LOCK. WE WILL PUT WINDOWS IN 7 OF THE DOORS. THERE WILL BE 18-22" X 22" INSULATED BIRD DOORS WITH PLYWOOD SLIDES ON THE INSIDE HOOKED TO A HAND WINCH. THE EGGROOM/CORRIDORE WILL HAVE 5-36" X 48" WINDOWS. THE BIRD AREA OF EACH BARN WILL HAVE 22-22" X 22" THERMAL PAIN WINDOWS WITH PLYWOOD COVERS FOR ON THE INSIDE. THERE WILL BE 1-9' X 12' SLIDING DOOR AND 2-8X8 SLIDNG DOORS IN EACH BARN.

EQUIPMENT SPECIFICATIONS (PER BARN)

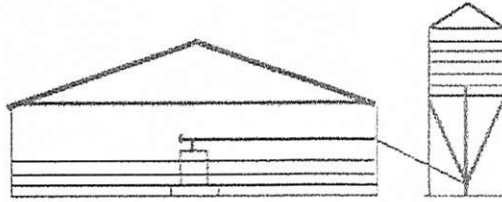
FEEDING:

THERE WILL BE 2-18 TON VALCO FEED BIN. THERE WILL BE 1-3 1/2" FLEX AUGER SYSTEMS WITH STEEL AUGER TUBE. THERE WILL BE 2 LOOPS OF CHAIN FEEDER 524' LONG. EACH LOOP INCLUDES TROUGH, FEED CHAIN, TWO CLEAN OUT HOLES, AND TWO DRIVES. THE FEEDER WILL HANG FROM THE CEILING WITH 1/8" GALVANIZED CABLE AND 10" CHAIN. THE FEEDERS WILL HAVE A CONDUIT ABOVE THE TROUGH FOR PERCHES. (2,120' TOTAL FEEDER SPACE)

WATERING:

THE BARN WILL HAVE 4 LINES OF VAL NIPPLE DRINKERS WITH NIPPLES SPACED 8" O/C ON TWO LINES AND 15" ON THE OTHER TWO LINES (2,350 TOTAL NIPPLES). THERE WILL BE 12 REGULATOR AND 12 END KITS. THE LINES WILL BE PLUMBED TO THE OUTSIDE FOR FLUSHING. THE WATER LINES ARE ON 12-2,000 LB WINCH WITH 3/16" GALVANIZED LINE CABLE AND 5/32" ROPE DROPS 4' O/C. THERE WILL BE ONE MEDICATER MANIFOLD WITH 2-5-MICRON WATER FILERS, WATER METER, AND PRESSURE SWITCH. THERE WILL BE ONE MEDICATOR. IN THE SERVICE ROOM THERE WILL BE A WASH TUBE. ALL THE DRAINS ARE RUN TO THE OUTSIDE. THERE IS A 10 GALLON HOT WATER HEATER BUT NO PRESSURE TANK.

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VENTILATION:

THERE IS 4-36" GALVANIZED FANS BELT DRIVE AND 7-54" GALVANIZED FANS BELT DRIVE WITH OUTSIDE CONES AND SHUTTERS. THE 54" FANS WILL HAVE SOUTHWEST DOOR COVERS ON THE INSIDE. THERE WILL BE 84-8" GALVANIZED INLET DOORS ALONG THE OUTSIDE WALLS WINCHED WITH A 3/16" ROD AND 1-36" ELECTRIC WINCH WITH CHAIN & SPROCKET KIT. THE INLETS WILL ALSO BE ON HAND WINCHES. THERE WILL BE 2-5' X 50' TUNNEL CURTAINS WITH PLASTIC LIGHT TRAPS ON THE INSIDE. THE CURTAINS WILL BE ON A 48" ELECTRIC WINCH AND HAND WINCHES. ON THE INSIDE OF THE TUNNEL CURTAIN THERE WILL BE 1" INSULATION PANEL AND A ZIPPER COVER. THERE WILL BE ONE AVS 2240 COMPUTER CONTROL THAT WILL CONTROL ALL THE VENTILATION, LIGHTING, AND FEEDING. THE COMPUTER WILL BE ON A SURGE PROTECTOR. THE COMPUTER WILL HAVE A BACK UP SYSTEM. THE ALARM SYSTEM IS AN AGRI ALERT DIALER SYSTEM THAT WILL MONITOR THE TEMPERATURE, WATER, AND COMPUTER IN BOTH BARN.

SCRAPERS:

THERE WILL BE FOUR STAINLESS STEEL SCRAPERS 72" WIDE HOOKED UP TO TWO DRIVES. WE WILL USE 5/16" SS CABLE AND SS CORNER PULLEYS. WE WILL ALSO INSTALL A SMALL SCRAPER UNDER THE NEST SYSTEM. THE PIT SCRAPERS WILL BE HOOKED UP TO AN AUTOMATIC CONTROL WITH AN EMERGENCY SHUT DOWN.

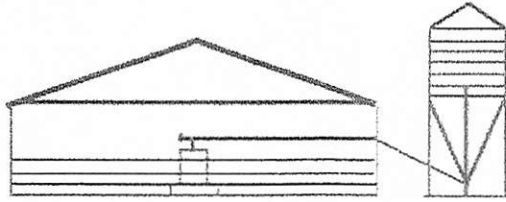
NEST:

THERE WILL BE ONE ROW OF 126 JANSEN XXL FLAT TOP NEST (TOP ARE HINGED) WITH REAR BELT AND DOUBLE DRIVES. THERE WILL BE TWO 8' CROSSOVERS ONE AT EACH DIVIDER WALL AND ABOUT 4' FROM EACH END. WE WILL INSTALL A PERCH RAIL ALONG THE EDGE OF THE NEST TOP & LED ROPE LIGHTS IN THE NEST. WE WILL INSTALL AN 18" X 100' ROD CONVEYOR.

ELECTRICAL:

THERE WILL BE ONE 200 AMP 40 CIRCUIT BREAKER PANELS WITH ALL THE NEEDED BREAKERS. THERE IS ONE 175 WT MERCURY VAPOR DUSK TO DAWN LIGHTS. IN THE BIRD AREA THERE WILL BE 4 ROWS OF LIGHT WITH 10 WT LED BULBS 8' O/C AND ONE ROW WITH LIGHTS 20' O/C 10 WT LED BULBS. THE LIGHT FIXTURES ARE SEALED AND THERE WILL BE 2 LIGHT DIMMERS PER BARN. ALL THE FANS ARE WIRED INTO A FUSED DISCONNECT. IN THE PACKING AREA THERE WILL BE 6-8' FLORECENT LIGHTS BUT IN THE COOLER THERE WILL BE 23 WT BULBS. THE CORRIDOR WILL HAVE 4-23 WATT BULBS FOR LIGHTING. WIRING OF ALL OTHER EQUIPMENT THAT IS LISTED ON THIS QUOTE IS

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INCLUDED. ALL MOTORS ARE WIRED WITH SJ CORD ALL OTHER WIRING WILL BE IN PVC CONDUIT.

MISCELLANEOUS ITEMS:

THERE IS ONE COMMERCIAL COOLER UNIT IN THIS PRICE. THERE IS ONE 25,000 BTU LP HEATER FOR PACKING AREA AND ELECTRIC BASE BOARD HEATER FOR IN THE OFFICE AND MECHANICAL ROOM. LABOR IS INCLUDED FOR ALL ITEMS LISTED ON THIS QUOTE.