

## SCOPE OF WORK:

ESCAVATION & DEMOLITION

EXISTING BUILDING WILL BE TORN DOWN TO PRESENT GRADE BY OTHER LABOR, FOUNDATION WALLS WILL REMAIN. BASEMENT WILL BE FILLED UP TO GRADE WITH FILL SAND, AND THE CITY WILL ESTABLISH THIS NEW GRADE, (NOTE) 3 POLES ON NORTH WALL.

CITY WILL ALSO FURNISH APPROX. 216 TONS OF FILL SAND, THAT IS LOCATED AT THE CITY WASTE DISPOSAL PLANT. ALSO, EXISTING CISTERN ON S.W. CORNER IS TO BE FILLED WITH SAND AND ALL OUTLETS PLUGGED.

THIS SAND IS IN A STOCKPILE, AND THE CONTRACTOR WILL FURNISH THE LOADING AND TRUCKING FOR THIS SAND. CONTRACTOR WILL BE RESPONSIBLE FOR ANY OTHER FILL TO COMPLETE THIS PROJECT. CONTRACTOR WILL BE REQUIRED TO BACKFILL AND GRADE AROUND NEW BUILDING SO THAT PROPER RUNOFF IS OBTAINED.

ALL POST HOLES WILL BE 10" IN DIAMETER AND WILL BE BELOW LOCAL FROST LINE.

CONCRETE WORK

ALL CONCRETE BELOW GRADE WILL BE 3500# MIX. THERE SHALL BE A MINIMUM OF 6" UNDER EACH SUPPORTING POLE.

EQUIPMENT AREA FLOOR SHALL BE A MINIMUM OF 6" IN THICKNESS, WITH 6" X 6" WIRE REINFORCING. SHOP AREA FLOOR WILL BE 4" IN THICKNESS WITH SAME REINFORCING. ALL ABOVE GRADE CONCRETE WILL BE POURED ON 6 MILL. PLASTIC SHEETING, AND WILL BE 4000# MIX. THERE WILL BE A CONCRETE BOX APPROXIMATELY 4' LONG X 2' WIDE BY 3' DEEP WITH 6" WALLS AND FLOOR. WITH WEATHER TIGHT CAP, FOR WATER METER AND BRINE TANK, TEE-VALVE SHUT OFF, ON N.W. CORNER OF BUILDING.

BUILDING MATERIALS

6 X 6 TREATED POSTS (NOT LAMINATED)  
 2 X 4 PURLINS 2' O.C.  
 2 X 6 GIRTS 30" O.C.  
 DBL 2 X 12 D.FIR HDR OVER BOTH O.V.H.D., AND ABOVE WALK DOOR IN COMMON WALL.  
 DBL 2 X 6 RAFTER LEDGER - MAKE LEDGER BEARING ON HEADERS OVER BOTH O.V.H.D.  
 26 GA. PAINTED METAL ON ROOF AND SIDEWALLS WHITE IN COLOR  
 2 - 2 X 4 PLASTIC RIBBED SKYLIGHTS IN EQUIPMENT AREA  
 12 X 12 COMMERCIAL FIBERGLASS DOOR  
 9'W X 10'H COMMERCIAL FIBERGLASS DOOR  
 32 X 16 D.H. W/INSULATED GLASS WINDOWS

3/0 X 6/8 STEEL INSULATED DOORS W/KEYED LOCKS  
ALL EXTERIOR DOOR JAMBS OR TRIM TO BE COVERED WITH METAL OR VINYL OF SAME COLOR.  
BUILDING WILL HAVE GUTTER AND DOWN SPOUTS.  
SHOP AREA WALLS WILL BE 2" X 4" X 9' - 16" O.C. WITH SINGLE TOP PLATE. WALL STUDDING WILL BE FLUSH WITH POSTS. CEILING WILL BE 2 X 8 D.F. 16" O.C. BEARING ON WALL STUDDING.

WALLS WILL BE INSULATED WITH 3 1/2" FIBERGLASS BATTS. CEILING WILL HAVE 9" ATTIC BLANKET. WALLS AND CEILING WILL BE COVERED WITH 7/16" ASPENITE, COMMON WALL BOTH SIDES.

## ELECTRICAL

CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING ALL ELECTRICAL EQUIPMENT THAT WILL BE SALVAGED I.E. BRINE PUMP DISCONNECT, BREAKER BOXES, WELL PUMP DISCONNECTS.

CONTRACTOR WILL ALSO MAINTAIN ELECTRICAL SERVICE TO BRINE PUMP AND WELLS DURING CONSTRUCTION, INCLUDING WEATHER PROTECTION OF SAME.

EQUIPMENT AREA WILL HAVE FOUR OVERHEAD FIXTURES W/300 WATT BULBS, SIX 110V OUTLETS, TWO ON WEST WALL, TWO ON NORTH WALL AND 2 ON EAST WALL. SHOP AREA WILL CONTAIN TWO OVERHEAD FIXTURES W/300 WATT BULBS, ONE 8' DOUBLE TUBE FLUORECENT FIXTURE, AND THREE SINGLE POLE SWITCHES, ALSO 1-220V OUTLET, EXTERIOR WIRING WILL BE ONE DOUBLE BULB FLOOD LIGHT ON A PHOTOCCELL, LOCATED BETWEEN OVERHEAD DOORS AT EAVE HEIGHT. NEW BREAKER BOX AND ALL WELL AND PUMP DISCONNECTS WILL BE LOCATED IN SHOP AREA ON NORTH WALL. CONTRACTOR WILL MAINTAIN PRESENT SERVICE AMPERAGE. CONTRACTOR WILL ALSO FURNISH NEW UNDERGROUND #4 LINE FROM WELL ON S.E. CORNER OF PROPERTY TO NEW BUILDING, NEW STARTERS, FOR WELL PUMP MOTORS.

## PLUMBING AND H.V.A.C.

CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING ALL PLUMBING AND H.V.A.C. EQUIPMENT THAT WILL BE SALVAGED FROM OLD BUILDING I.E. OVERHEAD HEATERS, BRINE PUMP. A NEW BRINE PUMP WILL BE INSTALLED IN THE SHOP AREA ON A CONCRETE PLATFORM, SIMILAR TO EXISTING 16" HIGH. PIPING FROM BRINE PITS CONNECTION BACK THROUGH PUMP AND TO THE RECONNECTION WILL BE OF 2" SCHEDULE 80 P.V.C. THERE WILL ALSO BE A GATE VALVE BEFORE AND AFTER THE PUMP. THERE WILL ALSO BE A GATE VALVE INSIDE THE NEW CONCRETE BOX ON N.W. CORNER OF BUILDING, AS WELL AS WATER METER CONNECTION. WATER METER WILL BE SUPPLIED BY CITY. THE CITY OF LEROY WILL FURNISH THE BRINE PUMP ONLY. THERE WILL ALSO BE A 24" WALL MOUNTED FIBERGLASS SLOP SINK ON EAST WALL OF SHOP AREA, WITH WATER AND DRAIN. THE EXISTING OVERHEAD GAS FURNACE WILL BE INSTALLED IN THE NORTHWEST CORNER OF EQUIPMENT AREA AND AN EXISTING FLOOR MODEL HEATER IN SHOP AREA. ALSO, ONE SILLCOCK ON THE SOUTHWEST CORNER OF THE SHOP AREA. CONTRACTOR WILL ALSO RUN A 4" DRAIN LINE OUT OF GREASE PIT INTO SEWER AND PROVIDE A RUNNING TRAP.