

Faulk County Highway Shop

Addendum #1

03/11/19

Building bid item #1 to include exterior water and sewer hookup. (1" water and 4" sewer service).

Alternate items 2, 2A, 2B remove from general contract bid items. This will be done by demo contractor, under separate contract.

Div. 3 Concrete contractor will be responsible for placement of 6" of engineered fill gravel under floors and exterior slabs.

Div. 15 Item #15 Oil sand separator shall have 8 x 10 x 6 concrete lid poured at grade with (2) 24" cast iron man hole frames and covers.

Div. 16 See attached electrical clarification.

Div. 16 / Clarifications of Faulk Co. Highway Department Electrical

03/11/19

Automatic transfer switch 400a 3 phase 208v 4 wire Onan Otesce 400a Nema 3R

(Or equal)

Electrical service 400a 3 phase 208v 4 wire 2 section panel board 25k

1 – 100 MLO 24 space / office area

1 – 150 MLO 30 space / north end of shop, west wall appr. 28' South of North wall

(NQOD panel board or equal)

Qty 30 - Shop Lighting 4000k 24,500 lumens (minimum) LED hi bay

Qty 11 - Outside Lighting 4000k 8,900 lumens (minimum) LED wall pack

Qty 33 - Office Lighting 4000k 5,456 lumens (minimum) LED surface wrap

Qty 6 - Exit / Emergency battery back-up LED

Qty 11 - Commercial 3 blade 56" ceiling fans

Qty 4 – 50a 3 wire welder recp.

Qty 2 - Shop ½ hp 240v 1 phase exhaust fans

Qty 4 – Shop electric louver motors interlocked with exhaust fans

(intake louver and exhaust louver to be interlocked with fan motor, one system for wash bay and one system for shop)

****Electrical switches and recp. as noted on plan****

****Electrical metering as per Northwest Energy specifications****

****All wiring as per NEC mc cable, emt or imc conduit****

03/11/19

Specifications for Faulk County Demolition Bid

03/11/19

Demolition of existing Faulk County Highway Department Maintenance Building to include the following:

Tear down of structure and haul rubble to Faulkton City Dump.

Will separate steel, wood and concrete before disposal.

All work to be completed with track type equipment for tear down (to avoid any damage or tearing up of existing soils).

Soil engineer will need to be present at site for observation.

Contractor can salvage or dispose of any materials; after Faulk County has removed their contents.

All completed paperwork must be turned in prior to starting.

Staking for building excavation will be provided by Faulk County.

2A Labor & equipment to over excavate and stock pile per cubic yard of existing site material to below 24" of existing elevation and 60" in footing area. Estimated qty 2007 cu. yards X \$ _____ per cu. yard non-compacted. Total \$ _____

2B Labor & equipment to place and pack granular base fill (provided by Faulk County) to fill excavation area of footing and floor area up to 12" below shop floor level, to proper compaction levels as per requirements. Compaction testing provided by Faulk County. Estimated qty 2340 cu. yards X \$ _____ per cu. yard non-compacted. Total \$ _____

3 Demolition bid \$ _____

2019 – FAULK COUNTY SHOP SPECIFICATIONS

SPECIFICATIONS FOR : FAULK COUNTY SHOP – FAULKTON, SD

GENERAL BUILDING DESCRIPTION

MAIN STRUCTURE – 100' X 160' X 20' (NORTH BAY OF THE BUILDING 110' WIDE) PRE-ENGINEERED METAL BUILDING – BEHLEN, BUTLER, VARCO PRUDEN, SENTINAL OR APPROVED EQUAL. USE IBC 2015 CODE. BUILDING WILL SIT ON CONCRETE FOOTING AND FOUNDATION WALL. BUILDING WILL BE DESIGNED FOR FUTURE UNDER RUNNING CRANE. CONCRETE SLAB WILL BE 12" BELOW THE TOP OF THE FOUNDATION WALL TO CREATE A 12" CURB. THE BUILDING EXTERIOR WILL HAVE A STANDING SEAM 24 GA. GALVALUME ROOF AND REVERSE RIB 26 GA. COLORED WALL STEEL. WALL STEEL WILL HAVE A CONTRASTING TRIM COLOR AND CONTRASTING WAINSCOT. PROVIDE HIGH CAPACITY GUTTERS AND DOWNSPOUTS. PROVIDE ENGINEERED STAMPED DRAWINGS FROM THE STEEL BUILDING MANUFACTURER AND STAMPED FOUNDATION DRAWINGS FROM A STRUCTURAL ENGINEER. THESE DRAWINGS WILL BE BASED ON SOIL BORINGS DONE BY FAULK COUNTY. THE STAMPED DRAWINGS MUST BE PROVIDED TO FAULK COUNTY PRIOR TO CONSTRUCTION BEGINNING.

DIVISION 1 – GENERAL REQUIREMENTS

ALTERNATES

SEE BID ITEMS AT THE END OF THE SPEC

TEMPORARY FACILITIES AND CONTROLS

ELECTRICITY:

THE GENERAL CONTRACTOR SHALL MAKE NECESSARY ARRANGEMENTS FOR TEMPORARY ELECTRIC SERVICE, ELECTRICAL ENERGY AND PAY THE EXPENSE IN CONNECTION THEREWITH. THE CONTRACTOR SHALL FURNISH, INSTALL, CONNECT AND MAINTAIN ALL TEMPORARY ELECTRICAL LINES FOR LIGHT AND POWER PURPOSE AS REQUIRED FOR COMPLETION OF THE WORK.

WATER:

WATER SHALL BE ARRANGED AND PAID FOR BY THE GENERAL CONTRACTOR.

TEMPORARY TOILET:

GENERAL CONTRACTOR SHALL ARRANGE FOR TEMPORARY CHEMICAL TOILET FACILITIES ON THE SITE AND SHALL AT ALL TIMES KEEP SITE IN A SANITARY CONDITION.

CONSTRUCTION WASTE MANAGEMENT

1. GENERAL CONTRACTOR SHALL PROVIDE DUMPSTERS OR CONTAINERS TO HOLD CONSTRUCTION DEBRIS AND IS RESPONSIBLE FOR DEBRIS TO BE REMOVED. GENERAL CONTRACTOR IS RESPONSIBLE FOR KEEPING THE JOBSITE AND SURROUNDING AREA CLEAN OF CONSTRUCTION DEBRIS AT ALL TIMES.

CLOSEOUT PROCEDURES

1. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL NOTIFY THE FAULK COUNTY REPRESENTATIVE BY LETTER AND MAKE ARRANGEMENTS FOR A FINAL INSPECTION.
2. AFTER FAULK COUNTY'S FINAL INSPECTION IS MADE, THE CONTRACTOR WILL RECEIVE A LIST OF ITEMS REQUIRING ADJUSTMENT, CORRECTION, OR REPLACEMENT OR COMPLETION.
3. THE CONTRACTOR SHALL COMPLY COMPLETELY WITH ALL THE LISTED REQUIREMENTS WITHIN FORTY (40) DAYS OF RECEIPT OF THE LIST. SHOULD THE CONTRACTOR FAIL TO PERFORM WITHIN THIS TIME LIMIT, THE OWNER RESERVES THE RIGHT TO HAVE THE WORK COMPLETED BY OTHERS AND THE COST DEDUCTED FROM THE CONTRACT PRICE.

2019 – FAULK COUNTY SHOP SPECIFICATIONS

OPERATION AND MAINTENANCE DATA

1. BEFORE FINAL PAYMENT, FURNISH TO THE OWNER, ALL MANUFACTURER'S LITERATURE AND/ OR MANUALS OF INSTRUCTION FOR INSTALLATION, PROPER CARE AND MAINTENANCE OF MATERIALS AND EQUIPMENT INSTALLED UNDER THE CONTRACT. IN ADDITION AND WHEN SO REQUESTED, INSTRUCT OWNER'S MAINTENANCE PERSONNEL AS TO SUCH CARE AND MAINTENANCE. ELECTRICAL AND MECHANICAL OPERATING INSTRUCTIONS SPECIFIED UNDER THEIR RESPECTIVE DIVISIONS. WARRANTY TO BE ONE YEAR FROM DATE OF OCCUPANCY.

DIVISION 2 – SITE CONSTRUCTION

SITE CLEARING

1. SITE SHALL BE STRIPPED OF TOPSOIL AND GRASS.
2. REMOVE ALL WASTED MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM THE OWNER'S PROPERTY AND LEGALLY DISPOSE OF IT. WHERE DIRECTED BY FAULK COUNTY.

EARTHWORK/ SITEWORK

1. THE CONTRACTOR SHALL, BEFORE SUBMITTING PROPOSALS, VISIT AND CAREFULLY EXAMINE THE BUILDING SITE FOR THE PURPOSE OF FAMILIARIZING HIMSELF WITH THE LAY OF THE LAND AND ALL CONDITIONS OF THE SITE.
2. ALL ELEVATIONS SHOULD BE TAKEN IN RELATIONSHIP TO THE ELEVATION SET BY THE FAULK COUNTRY REPRESENTATIVE. ALL FINISH ELEVATIONS SHOULD BE ESTABLISHED FROM THAT POINT.
3. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO VISIT THE SITE AND SHOOT ELEVATIONS TO VERIFY.
4. CONTRACTOR SHOULD PLACE AND PACK 18" COMPACTED BASE COURSE MATERIAL UNDER BUILDING FLOOR FOR ELEVATION CORRECTIONS. MATERIAL PROVIDED BY FAULK COUNTY. COMPACTION TESTING PROVIDED BY FAULK COUNTY. ESTIMATED QUANTITY 1,585 TONS.
5. ALL EXCAVATED MATERIAL SHOULD BE SEPARATED INTO APPROPRIATE PILES FOR BACKFILL MATERIAL AND UNSUITABLE MATERIAL. MATERIAL UNSUITABLE FOR BACKFILL WILL BE REMOVED FROM THE OWNER'S PROPERTY AND LEGALLY DISPOSED OF. WHERE DIRECTED BY FAULK COUNTY.
6. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL EXISTING UTILITIES. REPAIR OF DAMAGED UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
7. CONTRACTOR TO PROVIDE PROPER GRADING FOR DRAINAGE AROUND SHOP.
8. MINIMUM 6" BASE COURSE COMPACTED FILL UNDER ALL EXTERIOR CONCRETE. BASE COURSE PROVIDED BY FAULK COUNTY.

DIVISION 3 – CONCRETE

CAST-IN-PLACE CONCRETE

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A FINAL FOUNDATION DESIGNED BY A STRUCTURAL ENGINEER BASED ON THE PRE-ENGINEERED BUILDING DESIGN AND SOIL BORING REPORT PROVIDED BY FAULK COUNTY.
2. ALL CONCRETE FOOTINGS/ FOUNDATION WALLS SHALL BE 4,000 PSI RED ROCK.
3. ALL INTERIOR/ EXTERIOR CONCRETE SLABS SHALL BE 6" 4,000 PSI RED ROCK.
4. ALL INTERIOR/ EXTERIOR CONCRETE SLABS SHALL BE ½" REBAR GRADE 40 2' O.C.
5. PLACE 2" RIGID FOAM ON EXTERIOR FOUNDATION WALL PERIMETER FROM TOP OF FOOTING TO BOTTOM OF CONCRETE SLAB ON THE INTERIOR SIDE OF THE FOUNDATION WALL.

2019 – FAULK COUNTY SHOP SPECIFICATIONS

6. PLACE 2" RIGID FOAM UNDER ALL INTERIOR CONCRETE FLOOR. HEAT PEX PIPE WILL BE STAPLED TO THE FOAM.
7. PROVIDE THICKENED SLAB UNDER FUTURE WASH BAY PARTITION WALL AND BASE BID OFFICE BLOCK WALL BASE ON STRUCTURAL ENGINEERED FOUNDATION PLAN.

DIVISION 4 – MASONRY

DIMENSION STONE CLADDING (SEE ALT.4 & 5)

1. MODERA 8" NO-SCORE BLOCK WITH MODERA SILL CAP.
2. MODERRA BRICK LEDGE TO BE ATTACHED TO THE FOUNDATION WITH CONCRETE ANCHORS. INSTALL MODERRA BRICK AS PER MODERRA SPECIFICATIONS.
3. GREEN TREATED 2X4 FRAMING AND GREEN TREATED PLYWOOD WITH HOUSE WRAP BEHIND ALL MODERRA MASONRY AREAS.
4. FINISH COLOR TO BE CHOSEN BY OWNER.

DIVISION 5 – METALS

METAL FABRICATIONS

1. PIPE BOLLARDS AT ALL OVERHEAD DOORS INSIDE AND OUT. THEY SHALL BE 8" DIA. 12 GAUGE PIPE FILLED WITH CONCRETE. PIPE TO BE 7'-6" LONG AND SET 3'-6" BELOW THE CONCRETE DRIVEWAY SLAB. FURNISH PLASTIC BOLLARD COVERS.
2. FINISH COLOR TO BE CHOSEN BY OWNER.
3. METAL TUBE RAILING FOR UPPER DECK TO HAVE POCKETS SO RAILING IS ABLE TO BE REMOVED. 12 GA. – 1 1/2" SQUARE TUBING-42" HIGH TO INCLUDE TWO MID RAILS AND A 5" BOTTOM TOE KICK.

DIVISION 6 – WOOD AND PLASTICS

ROUGH CARPENTRY

1. INTERIOR PARTITION FRAMING: SET STUDDING GENERALLY AT 16" O.C. UNLESS OTHERWISE NOTED OR REQUIRED BY JOB CONDITIONS. DOUBLE STUDS AT ALL OPENINGS. FRAME OUTSIDE CORNERS WITH THREE STUD SET SO AS TO RECEIVE INTERIOR FINISH AND WHERE PARTITIONS INTERSECT INSTALL CONTINUOUS BACKING FOR FINISH. SET STUDDING ON SINGLE GREEN TREATED SOLE PLATE. PROVIDE SUBSTANTIAL BACKING BETWEEN STUDS FOR HANGING VARIOUS FIXTURES. BATHROOM FIXTURES, GRAB BARS, CABINETS ETC.
2. UPPER DECK FRAMING WILL BE 24" ENGINEERED TRUSS JOIST 16" O.C. WITH 80# LOADING. DECKING WILL BE 3/4" T&G PLYWOOD. UPPER DECK TO BE SUPPORTED ON THE NORTH SIDE BY 8" CONC. BLOCK WALL AND ON THE SOUTH SIDE BY 2X6 WALL WITH DOUBLE TOP PLATE.

DIVISION 7 – THERMAL AND MOISTURE PROTECTION

BUILDING INSULATION

1. ALL EXTERIOR WALLS AND ROOF – 4" PSK R-11 FACED INSULATION BETWEEN EXTERIOR WALL PANEL AND ROOF PURLIN/ WALL GIRT 8" UNFACED R-25 CAVITY FILL INSULATION.
2. ALL INTERIOR WALLS – R-19 (2X6 WALL) OR R-11 (2X4 WALL) UNFACED INSULATION IN BETWEEN.
3. INTERIOR STORAGE FLOOR INSULATION R-25 UNFACED INSULATION.

2019 – FAULK COUNTY SHOP SPECIFICATIONS

METAL WALL PANELS

1. 29 GA. LINER PANEL ON ALL WALLS AND ROOF IN SHOP AND WASHBAY OTHER THAN ON CONCRETE BLOCK WALLS.
2. TOP 7' OF WALL LINER TO BE PERFORATED. INSTALL WHITE 4 MIL POLY BEHIND PERFORATED LINER PANEL. NO PERFORATED LINER IN THE WASH BAY.
3. FINISH COLOR TO BE CHOSEN BY OWNER.

SHEET METAL ROOFING

1. BY BUILDING MANUFACTURER – STANDING SEAM
2. FINISH COLOR TO BE GALVALUME.

SHEET METAL FLASHING AND TRIM

1. BY BUILDING MANUFACTURER.
2. FINISH COLOR TO BE CHOSEN BY OWNER.

DIVISION 8 – DOORS AND WINDOWS

ALUMINUM DOORS AND FRAMES

1. ALL EXTERIOR DOORS TO BE TUBELITE 3070 OR EQUAL MEDIUM STYLE WITH MID RAIL ALUM. DOORS OR APPROVED EQUAL. ALL SHOULD INCLUDE STANDARD PUSH/ PULL WITH KEYED CYLINDER MS LOCK, 1" THICK TEMPERED LOW E GLASS, 1" INSULATED PANEL BY MAPES, LCN 1461 DOOR CLOSER AND A NGP C607A BRUSH SWEEP.

FLUSH WOOD DOORS

1. SOLID CORE RED OAK VENEER WOOD INTERIOR DOORS (PRE-FINISHED).
2. PRIMED WELDED METAL FRAMES TO BE PAINTED.
3. FINISH COLOR TO BE CHOSEN BY OWNER.

SECTIONAL OVERHEAD DOORS

1. EXTERIOR DOORS - MIDLAND 3" ENERGY SAVER 26 GA. WITH 4 LITES. SEE DRAWINGS FOR LOCATIONS. ALL EXTERIOR DOORS 16'X16'
2. (SEE ALTERNATE #10) INTERIOR DOOR - MIDLAND 2" ENERGY SAVER 26 GA. WITH 2 LITES. SEE DRAWINGS FOR LOCATION. INTERIOR DOOR 8'X10'
3. PROVIDE OPERATOR WITH EACH DOOR.
4. PROVIDE (1) WALL PUSH BUTTON AND (1) REMOTE FOR EACH DOOR.

WINDOWS

1. ALL EXTERIOR WINDOW TO BE VECTOR VINYL WINDOWS OR APPROVED EQUAL. SEE DRAWINGS FOR QUANTITIES. ALL HIGH WINDOWS ARE 5'X3' BREAK ROOM WINDOWS ARE 3'X3' AND ALL OTHERS ARE 3'X4'. ALL LOWER WINDOWS OPERABLE. ALL UPPER WINDOWS FIXED.

MIRRORS

1. MIRRORS TO BE 24"X36" WITH STAINLESS STEEL FRAME. SEE INTERIOR ELEVATIONS FOR LOCATIONS.

DIVISION 9 – FINISHES

GYPSUM BOARD

1. ALL GYPSUM BOARD (DRYWALL) IN THE PROJECT TO BE 5/8" TYPE "X" FINISHED WITH A LITE ORANGE PEAL TEXTURE. GREEN BOARD IN SHOWER AREA.

POLISHED/ SEALED CONCRETE FLOOR

1. SEE ALTERNATES #10 AND #11

2019 – FAULK COUNTY SHOP SPECIFICATIONS

RESILIENT WALL BASE AND ACCESSORIES

1. WALL BASE TYPE 2 VINYL 4" HIGH , 1/8" THICK, MATTE FINISH.
2. FINISH COLOR TO BE CHOSEN BY OWNER.

INTERIOR PAINTING

1. INTERIOR ROOMS TO BE PAINTED TO RECEIVE ONE (1) COAT LATEX PRIMER AND (2) TWO COATS INTERIOR LATEX PAINT.
2. FINISH COLOR TO BE CHOSEN BY OWNER.

WOOD STAINS AND TRANSPARENT FINISHES

1. INTERIOR DOORS – ONE (1) COAT INTERIOR OIL STAIN AND THREE (3) COATS OF POLYURETHANE FINISH. FINISH COLOR TO BE CHOSEN BY OWNER.

DIVISION 10 – SPECIALTIES

METAL LOCKERS

1. LOCKERS BY OWNER.

TOILET AND BATH ACCESSORIES

1. GENERAL CONTRACTOR TO PROVIDE ALL BATHROOM ACCESSORIES.
2. GRAB BARS – DEARBORN BRASS 1 ½" SS GRAB BAR WITH CONCEALED FLANGE.

DIVISION 11 – EQUIPMENT

APPLIANCES

1. ALL APPLIANCES BY OWNER

DIVISION 12 – FURNISHINGS

CASEWORK

1. COMMERCIAL GRADE CABINETY.
2. COUNTER TOPS TO BE PLASTIC LAMINATE WITH A BACKSPLASH AND NO DRIP EDGE.
3. BATHROOM COUNTER TOPS TO BE ONE PIECE MOLDED SINK AND TOP. FINISH COLOR TO BE CHOSEN BY OWNER.

FURNITURE

1. ALL FURNITURE BY OWNER.

DIVISION 13 – FABRICATED ENGINEERED STRUCTURES

1. MAIN STRUCTURE OF THE BUILDING TO BE – 100' X 160' X 20' (NORTH BAY OF THE BUILDING 110' WIDE) PRE-ENGINEERED METAL BUILDING – BEHLEN, BUTLER, VARCO PRUDEN, SENTINAL OR APPROVED EQUAL.

DIVISION 15 – MECHANICAL

HEATING AND COOLING SYSTEM

1. RECEPTION, OFFICE, STORAGE, RESTROOM, HALLWAY, BREAK RM, LOCKERS, MENS ROOM TO HAVE 13 SEER HEAT PUMP/ A/C, SPACEGUARD AIR FILTER SYSTEM, THERMOSTAT. GAS FURNACE LOCATED IN UPSTAIRS STORAGE AREA. ALSO PROVIDE GAS BOILER FOR IN FLOOR HEAT WITH PROVISIONS FOR DOMESTIC HOT WATER. (1) BOILER MIN. BTU – 100,000
2. SHOP, OIL STORAGE, WASH BAY. FLOOR HEAT PROVIDE GAS BOILER FOR FLOOR HEAT WITH PROVISIONS FOR DOMESTIC HOT WATER IN SHOP AREA. (2) BOILERS MIN. BTU 200,000 EACH.

2019 – FAULK COUNTY SHOP SPECIFICATIONS

VENTILATION

1. EXHAUST FANS – PROVIDE (1) IN WASH BAY AND (1) IN SHOP. 30” DIA FAN WITH ELECTRIC LOUVER AND EXTERIOR GALVANIZED HOOD AND 30” ELECTRIC INTAKE LOUVER WITH HOOD. INTAKE TO OPEN WHEN FAN STARTS.

WATER FILTRATION EQUIPMENT

1. TRENCH DRAIN – U-DRAIN BY NORSTAR INDUSTRIES. OR EQUAL. SEE PLANS FOR LENGTHS.
2. SUMP PIT – (2) 24”X24” OIL SEPERATOR SUMP SYSTEM AT THE END OR MIDDLE OF EACH DRAIN RUN.
3. TOILET – MANSFIELD 137-160 OR EQUAL WHITE
4. URINAL – KOHLER K4991-ET OR EQUAL WHITE
5. SHOWER – WARM RAIN WR 480 – BATHING MODULE OR EQUAL WHITE
6. MOP SINK – MUSTEE 63M MOP SERVICE BASIN 24”X24”X10” ALSO INCLUDE MUSTEE 63.600A SERVICE SINK FAUCET AND (2) MUSTEE 67.2424 DURAGUARD WALL GUARDS OR EQUAL
7. KITCHEN SINK – DAYTON ELITE DOUBLE BOWL DSE23322 OR EQUAL
8. KITCHEN FAUCET – DELTA KITCHEN FAUCET 400-ELT OR EQUAL
9. BATH FAUCET – DELTA CLASSIC SERIES 525-MPU OR EQUAL CHROME FINISH
10. SHOWER FAUCET – DELTA BATH MIXING VALVE SHOWER ONLY (1323 SERIES) OR EQUAL CHROME FINISH
11. WASH FOUNTAIN – ACORN 3423ADA2H 3P WASH FOUNTAIN OR EQUAL
12. EYE WASH STATION – ACORN S0400 RMG EYE WASH OR EQUAL
13. INTERIOR HOSE BIB – HAMMOND VALVE SILL FAUCET OR EQUAL
14. ALL PLUMBING WORK TO MEET STATE PLUMBING CODES.
15. EXTERIOR OIL/ SAND SEPERATOR FROM JD PRECAST OR EQUAL 1,500 GAL. TO HAVE ALL SHOP FLOOR DRAINS PLUMBED INTO THE SEPERATOR THEN FROM SEPERATOR TO CITY SEWER.
16. ALL DOMESTIC SEWER WILL BE PLUMBED TO THE CITY SEWER.

EXHAUST FANS AND INTAKE

1. EXHAUST FAN
 - GRAINGER 7CC91 30” FAN (OR EQUAL)
 - GRAINGER 3C309 30” DAMPER (OR EQUAL)
 - GRAINGER 24N64 SHUTTER MOTOR (OR EQUAL)
 - 30” GALVANIZED HOOD WITH BIRD SCREEN
2. INTAKE
 - GRAINGER 3C309 DAMPER (OR EQUAL)
 - GRAINGER 24N64 SHUTTER MOTOR (OR EQUAL)
 - 30” GALVANIZED HOOD WITH BIRD SCREEN
3. WALL CONTROL WILL TURN ON EXHAUST FAN AND INTAKE TO OPEN AT THE SAME TIME.

ELECTRICAL

1. ALL ELECTRICAL WORK AS PER NEC.
2. SEE PLANS FOR LOCATIONS.
3. PROVIDE – 400 AMP 208 3PH SERVICE PANEL BOARD TYPE 25,00 AIC (VERIFY WITH UTILITY COMPANY)

PLUMBING

1. PROVIDE AS PER PLANS. LOCATIONS FOR HOT AND COLD WATER AND AIR BACK TO MECHANICAL ROOM.
2. PROVIDE ALL PLUMBING FOR BREAK ROOM AND RESTROOMS.
3. SEE PLAN FOR LOCATIONS OF OUTSIDE HOSE BIBS AND AIR LOCATIONS.

2019 – FAULK COUNTY SHOP SPECIFICATIONS

BASE BID ITEMS

- 1. STEEL BUILDING WITH INTERIOR FINISH AS SHOWN ON PROPOSED PLAN TO INCLUDE BUILDING EXCAVATION, INTERIOR PLUMBING WATER AND SEWER, ELECTRICAL, FLOOR HEAT ETC.

GENERAL BUILDING DESCRIPTION

MAIN STRUCTURE – 100’ X 160’ X 20’ (NORTH BAY OF THE BUILDING 110’ WIDE) PRE-ENGINEERED METAL BUILDING – BEHLEN, BUTLER, VARCO PRUDEN, SENTINAL OR APPROVED EQUAL. USE IBC 2015 CODE. BUILDING WILL SIT ON CONCRETE FOOTING AND FOUNDATION WALL. BUILDING WILL BE DESIGNED FOR FUTURE UNDER RUNNING CRANE. CONCRETE SLAB WILL BE 12” BELOW THE TOP OF THE FOUNDATION WALL TO CREATE A 12” CURB. THE BUILDING EXTERIOR WILL HAVE A STANDING SEAM 24 GA. GALVALUME ROOF AND REVERSE RIB 26 GA. COLORED WALL STEEL. WALL STEEL WILL HAVE A CONTRASTING TRIM COLOR AND CONTRASTING WAINSCOT. PROVIDE HIGH CAPACITY GUTTERS AND DOWNSPOUTS. CONTRACTOR IS RESPONSIBLE TO PROVIDE ENGINEERED STAMPED DRAWINGS FROM THE STEEL BUILDING MANUFACTURER AND STAMPED FOUNDATION DRAWINGS FROM A STRUCTURAL ENGINEER. THESE DRAWINGS WILL BE BASED ON SOIL BORINGS DONE BY FAULK COUNTY. THE STAMPED DRAWINGS MUST BE PROVIDED TO FAULK COUNTY PRIOR TO CONSTRUCTION BEGINNING.

\$ _____

- 2. DEMOITION OF EXISTING HIGHWAY SHOP TO INCLUDE THE FOLLOWING.

-TEAR DOWN OF STRUCTURE AND HAUL TO CITY LANDFILL ANY FEES WILL BE PAID BY FAULK COUNTY.
 -WILL HAVE TO SEPARATE STEEL, WOOD, CONCRETE BEFORE DISPOSAL.
 -ALL WORK WILL HAVE TO BE DONE WITH TRACK TYPE EQUIPMENT FOR TEAR DOWN SO AS TO AVOID ANY DAMAGE OR TEARING UP OF EXISTING SOILS
 -SOILS ENGINEER WILL BE PRESENT AT SITE FOR OBSERVATION-INCLUDES EXCAVATION FOR SOIL CORRECTION, PLACE AND PACK FILL BACK IN FOR BUILDING CONSTRUCTION (SEE ATTACHED SPECIFICATIONS FOR DEMOLITION BID)

\$ _____

ALTERNATE ITEMS

- 1. UNDER RUN 5 TON CRANE WITH 30’ BRIDGE. (SEE ATTACHMENT)

\$ _____

- 2. INSTALL MODERA STONE AND BACKING MATERIAL ON EAST AND SOUTH WALLS. (SEE PLANS)

\$ _____

- 3. INSTALL MODERA STONE AND BACKING MATERIAL ON WEST AND NORTH WALLS. (SEE PLANS)

\$ _____

- 4. EXTERIOR SAND AND OIL SEPERATOR 1,500 GALLON CONNECT TO SHOP FLOOR DRAINS.

\$ _____

2019 – FAULK COUNTY SHOP SPECIFICATIONS

5. DEDUCT 10' FROM ALL OF THE WEST SIDE OF THE BUILDING EXCEPT FOR THE NORTH BAY/
WASH BAY
\$ _____
6. ADD FOR EXTERIOR 6" SLABS PER SQUARE FOOT PRICE. APPROX. 4,800 SF.
\$ _____
7. TO PROVIDE 1500 GRIT PERMASHINE POLISH CONCRETE POLISHED FLOOR FINISH FOR THE
RECEPTION, OFFICE, STORAGE, RESTROOM, HALLWAY, BREAK RM, LOCKERS, MENS ROOM
TO RECEIVE.
\$ _____
8. TO APPLY TWO COATS OF LITH SEAL SC TO SHOP, OIL STORAGE AND WASH BAY FLOORS.
\$ _____
9. WASH BAY INTERIOR PARTITION WALL. PROVIDE 4' TALL PAINTED CONCRETE BLOCK OR
POURED CONCRETE WALL WITH 2X6 FRAMED WALL ABOVE THAT TO THE ROOF LINE.
BOTH SIDES OF THE FRAMED WALL TO BE SHEETED WITH OSB AND FINISHED WITH LINER
PANEL. PROVIDE (1) 3068 ALUMINUM FRAME FIBERGLASS WALK DOOR. PROVIDE (1) 8'X10'
OVERHEAD DOOR - MIDLAND 2" ENERGY SAVER 26 GA. WITH 2 LITES.
\$ _____
10. METAL TUBE RAILING FOR UPPER DECK TO HAVE POCKETS SO RAILING IS ABLE
TO BE REMOVED. 12 GA. - 1 1/2" SQUARE TUBING-42" HIGH TO INCLUDE TWO MID
RAILS AND A 5" BOTTOM TOE KICK.
\$ _____
11. PROVIDE PRICE PER 5' X 3' HIGH WINDOW. (SEE PLANS) FOR POSSIBLE ADD OR DEDUCT.
\$ _____
12. PROVIDE PRICE TO ADD ANOTHER ROW OF (4) 24X12 LITES TO EACH OF THE (5) OVERHEAD
DOORS ON THE EAST SIDE OF THE BUILDING.
\$ _____



Note: This drawing is an artistic interpretation of the general appearance of the design. It is not meant to be an exact rendition.

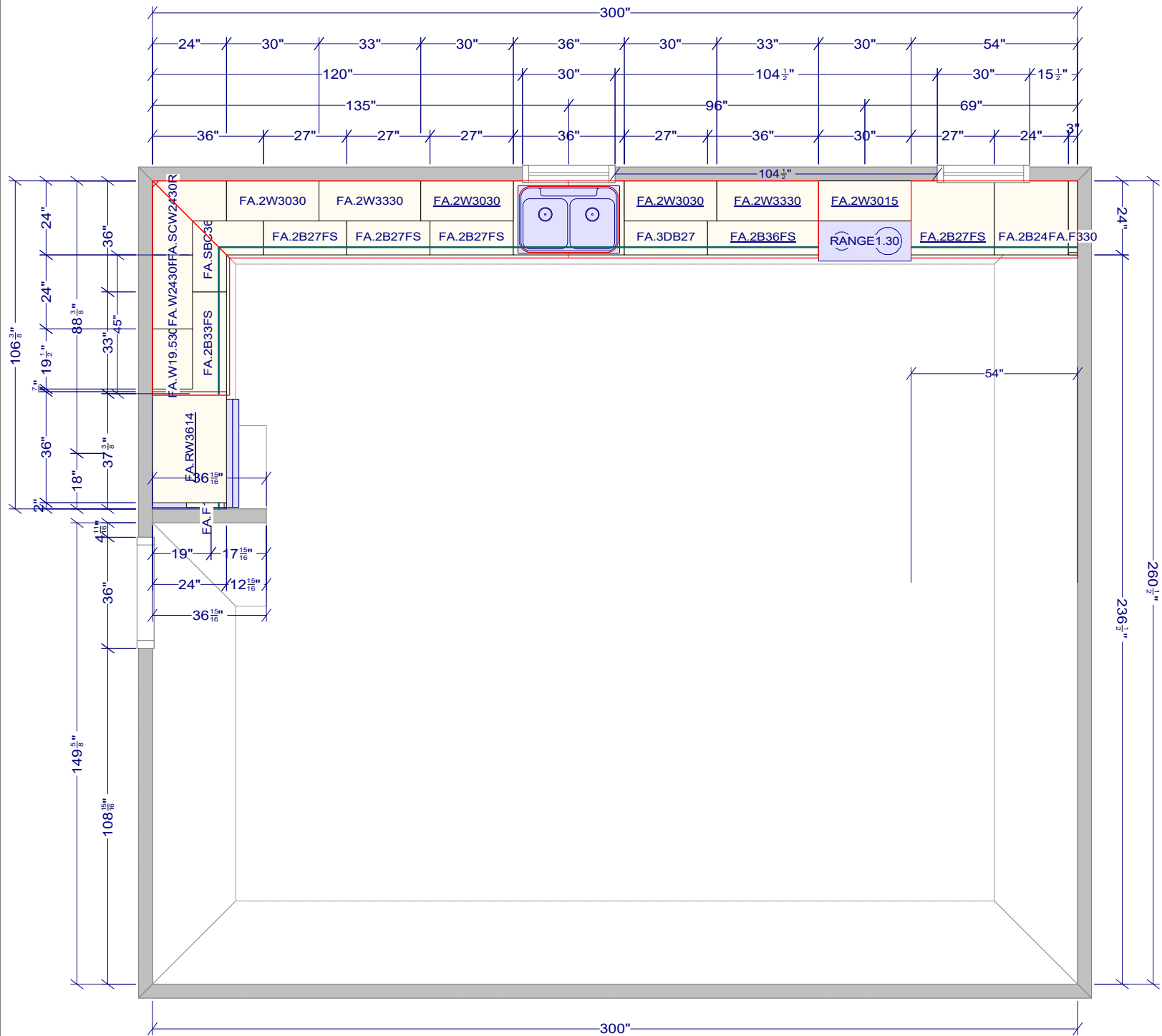
2020

Designed: 3/6/2019
Printed: 3/11/2019

Bid

All

Drawing #: 1

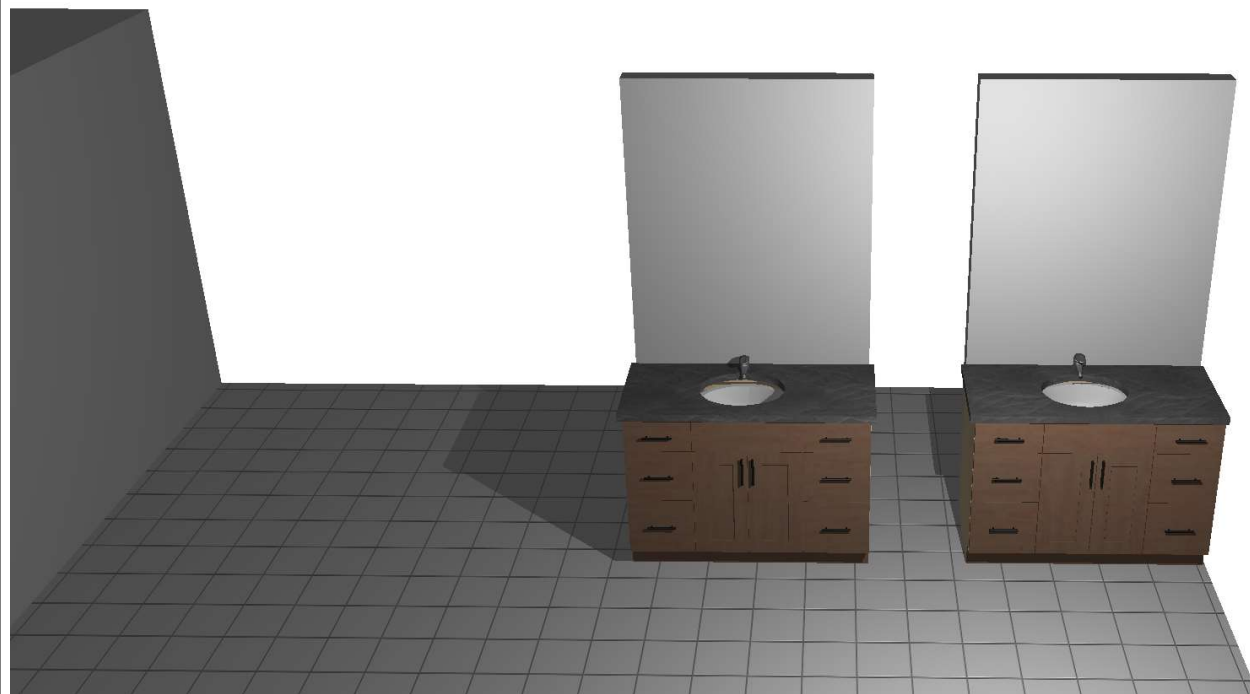


All dimensions & size designations given are subject to verification on job site and adjustment to fit job conditions.



This is an original design and must not be released or copied unless applicable fee has been paid or job order placed.

Designed: 3/6/2019
 Printed: 3/11/2019



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2020

Designed: 3/6/2019
Printed: 3/7/2019

