DEMO NOTES:

1. HITCHING RAIL TO BE REMOVED.
2. HITCHING RAIL TO BE REMOVED. SALVAGE MATERIAL FOR POSTS TO RECEIVE OWNER-SUPPLIED EQUIPMENT.
3. HITCHING RAIL TO BE DISMANTLED FOR CONCRETE INSTALLATION AND THEN RE-INSTALLED. SEE STRUCTURAL DETAILS.
4. NEATLY SAWCUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING CONCRETE. BASE BID
5. CONTRACTOR TO REMOVE COAL FURNACE. COORDINATE WITH OWNER.
6. REMOVE WOOD PLANKING
7. DIRT AND GRAVEL FLOOR WITH RUBBER MATS REMOVED BY OWNER.
8. COORDINATE FURNACE REMOVAL WITH OWNER. WALL BRACKETING TO REMAIN. FURNACE LOCATIONS ARE APPROXIMATE. THIS WORK TO BE COMPLETED OUTSIDE OF THIS CONTRACT AT THE DIRECTION OF THE OWNER. JACKOLA ENGINEERING AND ARCHITECTURE IS NOT RESPONSIBLE FOR THE DESIGN OR SPECIFICATION OF THIS ITEM. ALL REFERENCE HERE IS INFORMATIONAL ONLY
9. REMOVE AND SALVAGE EXISTING METAL FRAME AND PEDESTAL.

ADD ALTERNATE DEMO NOTES:

10. NEATLY SAWCUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING CONCRETE.
KEYNOTES:
1. NEW 6" TRAFFIC-RATED CONCRETE SECTION PER STRUCTURAL PLANS.
2. NEW RAILS TO MATCH EXTERIOR RAILING STYLE AND DIMENSIONS. PER STRUCTURAL PLANS.
3. ORIGINAL RAILING TO BE RE-INSTALLED IF POSSIBLE. PER STRUCTURAL PLANS.
4. SALVAGED OR NEW MATERIAL FOR HITCHING POSTS TO RECEIVE OWNER-SUPPLIED EQUIPMENT. PER STRUCTURAL PLANS.
5. CONTRACTOR SHALL RE-INSTALL FURNACE. COORDINATE EXACT WITH OWNER.
6. CENTER POSTS BETWEEN FURNACES SO EACH ONE CAN BE SHARED BY TWO FURNACES. LOCATION SHOWN APPROXIMATE, COORDINATE EXACT LOCATION WITH OWNER.
7. NEW 4" SIDEWALK AND STOOP.
8. PATCH CONCRETE AT EXISTING DOOR THRESHOLD.

GENERAL NOTES:
1. SEE STRUCTURAL PLANS DIMENSIONS.
2. NEW CONCRETE GRADES WILL MATCH GRADE OF ADJACENT EXISTING CONCRETE.

ADD ALTERNATE KEYNOTES:
9. NEW 6" REINFORCED CONCRETE SECTION PER STRUCTURAL PLANS.
A. GOVERNING CODES AND GENERAL NOTES

BID SET

SHEET TITLE

CONCRETE NOTES

HITCHING RAIL AND VISE POST NOTES

SOILS & GEOTECHNICAL NOTES

STRUCTURAL DESIGN INFORMATION

CONCRETE PRODUCTIONS FOR REINFORCEMENT

REINFORCEMENT

MATERIALS

DATA

DATE

BART FARM

CONCRETE SLAB INSTALLATION

STATE UNIVERSITY

MSU-CPDC

PHONE: 406.994.5413

FAX: 406.994.5665

REV. DESCRIPTION DATE

MSU-CPDC

1/24/2021
**SLAB PLAN- BASE BID**

1. **EXISTING CMU FARRIER BUILDING**
2. MATCH EXISTING TOP OF CONCRETE. NOTE NEW TO EXISTING CONCRETE HEIGHT DIFFERENCE +/- 1/4"
3. **EXISTING STOOP**
4. **INTERIOR 6" SLAB #4 @ 18" O.C.**
5. **EXTERIOR 6" SLAB #4 @ 18" O.C. W/ TURN DOWN EDGE @ ALL EXTERIOR EDGES**
6. PROVIDE TURN DOWN EDGE @ OPENING
7. **REMOVE 6" SECTION OF STOOP AND REPAIR WITH CONCRETE. (BASE BID)**
8. **NEW STOOP AND SIDEWALK**
9. **REMOVE AND REPLACE (E) GARAGE DOOR. THIS WORK TO BE COMPLETED OUTSIDE OF THIS CONTRACT AT THE DIRECTION OF THE OWNER. JACKOLA ENGINEERING AND ARCHITECTURE IS NOT RESPONSIBLE FOR THE DESIGN OR SPECIFICATION OF THIS ITEM. ALL REFERENCE HERE IS INFORMATION ONLY.**
10. **CEILING MOUNTED HEATING UNIT TO REMAIN. THIS WORK TO BE COMPLETED OUTSIDE OF THIS CONTRACT AT THE DIRECTION OF THE OWNER. JACKOLA ENGINEERING AND ARCHITECTURE IS NOT RESPONSIBLE FOR THE DESIGN OR SPECIFICATION OF THIS ITEM. ALL REFERENCE HERE IS INFORMATION ONLY.**

**GENERAL PLAN NOTES:**
1. COORDINATE WITH COVIL ON SPOT ELEVATIONS AND SLOPE.
2. LOCATION OF HITCHING POST TO BE FINALIZED WITH OWNER.
3. SEE S4.00 FOR HITCHING POST DETAILS.
1. DIMENSIONS PER S1.00
4', 1/2" SMOOTH DOWELS @ 18" OC @ COLD JT LOCATIONS. GREASE END IN SECOND POUR T/4 PLASTIC OR PREFORMED HARDBOARD STRIP; IF SAWCUT ONLY, FILL WITH SEALER.

FREE END OF SMOOTH DOWELS TO BE COATED WITH NON-BONDING AGENT CONSTRUCTION COLD JOINT, FILL WITH SEALER.

CONTROL JOINT

CONSTRUCTION JOINT

REBAR PER PLAN

SEE 'TYPICAL SLAB' FOR SUBGRADE

COMPACTED STRUCTURAL FILL TO NATIVE IF REQUIRED

4" BASE COURSE

JOINT SPACING LIMITED TO MAXIMUM OF +/- 15 FEET ALTERNATE USE DIAMOND PLATE DOWEL BY PNA OR APPROVED EQUAL

SLOPE PER PLAN

18" FROST FREE FILL

BASE COURSE

EXISTING STEM WALL

NEW DOOR STOOP

DRILL AND EPOXY (3) #4 BARS WITH 4" EMBED

REPLACE TOP 6" OF STEM WALL

1/4" MAX SLOPE

VERIFY STEM WALL @ OVERHEAD DOOR

NEW OVERHEAD DOOR BY OWNER

EXTERIOR 6" SLAB

M 1/2"

NOTE:

NOTIFY OWNER IF NO WALL FOUND @ OPENING.

TURN DOWN EDGE TO STEM WALL BELOW

NOTE:

4" SCHED. 40 PIPE, TYP

SEE 8/S4.00 FOR SONOTUBE DETAIL

GROUND SMOOTH

GROUND SMOOTH

TOP RAIL- CONTINUOUS

INTERIOR POST

3/4" = 1'-0"

HITCHING RAIL #1 (INTERIOR)

HITCHING RAIL #2, #3

HITCHING RAIL #4

SUPPORT TO TOP RAIL CONN.