



PROJECT DETAILS AND PROGRESS:

Contract 140094 – Site Preparation, Service Building, Foundations, and Underground Installations

- Installed sheet rock, seam tape, wall texture, paint, painted CMU walls, shop heaters, drop ceiling grid, hose bibs, plumbing piping and valves, electrical rough-ins, lights, emergency lights, steel conduit, piping, wire pulling, outside trim, wall penetrations, downspouts and coiling door in Service Building
- Installed fire protection conduit and piping in the Service Building
- Formed air compressor skid in Service Building
- Installed 3" potable water piping (3-PW01) from fence to Service Building and backfilled
- Fabricated and installed stainless steel fire protection piping (1-FP-05, 1.25-FP04, 1.25-FP03) and stub-ups in trench north of PEECC duct bank
- Installed 2-2" duct bank from PEECC to stormwater lift station manhole 4A and ED15A – backfilled without concrete encasement
- Installed link seal on 6" fire protection line (6-FP02) at north pipe access vault Service Building
- Installed 2" fuel gas (2-FG08) stub-up 5' from Service Building wall
- Installed 70 L.F. of 18" RCP to Area Inlet 4 and set structure and backfilled
- Installed 4" drain pipe (4-STD04) from stormwater lift station manhole 4A to Area Inlet 4 and backfilled
- Installed joint sealer on turbine joints
- Installed 4" service water (4-SW01) stub-up, tee, 4" drain pipe connection (4-DR10), and isolation valve (DR10-V1), and 8" x 4" reducer on southeast corner of turbine and backfilled
- Installed 1" instrument air (1-IA09) stub-up on southeast corner of turbine and backfilled
- Installed 8" drain line (8-DR06) wye and stub-up on southeast corner of turbine and backfilled
- Installed PEECC hatch drain fabric and rock
- Trenched in conduit and ground for light bases
- Installed instrument air piping (2-IA02) and stub-up at fuel gas module
- Tied 3" potable water piping into isolation valve and backfilled
- Installed flared end section and rip-rap on east side of entrance
- Installed rip-rap at west side of entrance, at flared end section 7A, and flared end sections on north service
- Installed west fence grounding and light conduit
- Installed duct bank ED36A – backfilled with sand and without concrete encasement

Contract 140095 – Mechanical and Electrical Installation

- Adjusted and aligned base packages
- Assembled and set bus duct support inside Service Building electrical room
- Installed conduit and wire in Service Building
- Installed inlet expansion joint
- Erected inlet and acoustic barrier support steel
- Erected bottom half of exhaust stack
- Installed turbine inlet wings
- Installed 15.5kV non-seg bus duct and bus support south of GSU through the wall
- Installed cable tray in the PEECC cable pit
- Installed ducts to junction boxes in Accessory Base

completed by: Aaron Armbricht

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MDU Heskett 3 progress report - week ending
10-14-2013



SITE WEEKLY REPORT
MONTANA-DAKOTA UTILITIES CO.
R. M. HESKETT STATION UNIT 3

Week of 10/14/13
PSC: PU-11-631



- Transported the ICS cabinet from the plant to the Service Building
- Tested weld procedures
- Assembled and welded exhaust sections in laydown
- Fabricated lube oil piping
- Installed heat tracing on 6" fuel gas (6-FG02) for fuel gas module
- Installed temporary motor heater power
- Installed fuel gas module drain
- Trenched in temporary power to Conex boxes
- Installed fuel gas yard demarcation terminal
- Accepted delivery of inlet silencer pieces and GE exhaust pieces

PROJECT OPEN ITEMS / CONCERNS:

- 10/19/13 - Struck fiber line inside the fence on the south side of the Service Building during the installation of the potable water line. Brian Ulberg checked with substation dispatch and the Heskett control room and all controls were not interrupted. The excavation was left open for additional investigation to take place on Monday.
- Construction Equipment: 2 skid steers (CAT 247B, 262), 1 forklift (CAT TH103), mini excavator (CAT 304CR), 2 track hoes (Deere 130G, Doosan 350LC), sheep's foot roller (CAT CP-433C), front-end loader (CAT 950G), dozer (CAT D5), 3900 crawler crane, 40-ton rubber tire crane, 2 fork lift (JLG Skytrak)
- Visitors: None

completed by: Aaron Armbrecht

Montana-Dakota Utilities Company
R.M. Heskett Station Unit 3
Project No. 11-0274-04



Inlet air filter structural steel erection (looking SW)



Lower section exhaust stack placement (looking NE)

Montana-Dakota Utilities Company
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Service Building potable water isolation valve installation (looking SE)



Service Building paint and drop ceiling installation (looking SW)