



ADDENDUM TO THE CONTRACT

for the

MENDENHALL WASTEWATER TREATMENT PLANT BIOSOLIDS DRYER FACILITY

Contract No. BE17-133

ADDENDUM NO.: THREE - Revised

CURRENT DEADLINE FOR BIDS:
June 27, 2017

PREVIOUS ADDENDA: TWO

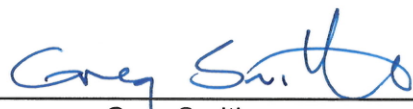
ISSUED BY: City and Borough of Juneau
ENGINEERING DEPARTMENT
155 South Seward Street
Juneau, Alaska 99801

DATE ADDENDUM ISSUED: June 16, 2017

The following items of the contract are modified as herein indicated. All other items remain the same. This is a faxed addendum. A confirming copy will not be mailed to you. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Contracts Division webpage at:
<http://www.juneau.org/engineering ftp/contracts/Contracts.php>

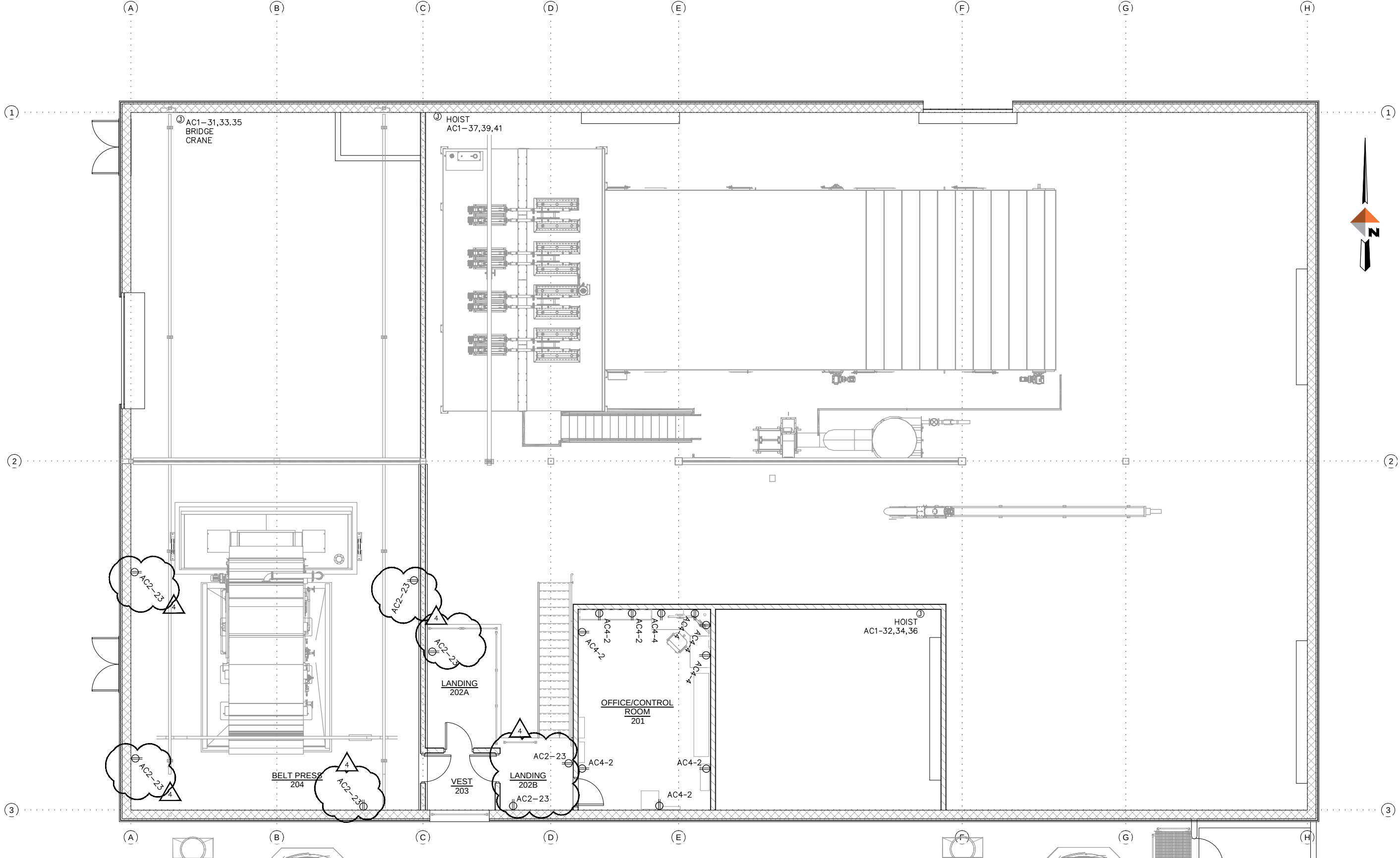
DRAWINGS:

Item No. 1 **Delete** and **Replace** 37 Electrical Drawing Sheets with the respective attached Electrical Drawing Sheets, labeled "Addenda 3".

By: 
Greg Smith,
Contract Administrator

Total number of pages contained within this Addendum: 37

V:\dowl_engineers\16-0242_cbj_biosolids_design\drawings\electrical\interior_power_ep1-04.dwg PLOT DATE 2017-06-14 17:16 SAVED DATE 2017-06-14 16:40 USER: tgress DOWLHKM FILE No: XXX-XX



4 0 4 8 12 16
scale
SCALE : 3/16"=1'-0"
feet

1-04 UPPER LEVEL 120V RECEPTACLE PLAN



EPSC
ELECTRIC POWER SYSTEMS
CONSULTING ENGINEERS



EPC Systems
Consulting Engineers

3305 ARCTIC BLVD, STE 201, ANCHORAGE, AK 99503
TEL: (907) 522-1953
CERTIFICATE OF AUTHORIZATION: AECC 738

REVISIONS		DESCRIPTION	BY
REV	DATE	DESCRIPTION	BY
1	3/01/2017	FINAL REVIEW SET	
2	4/27/2017	BID SET - FOR CONSTRUCTION	
3	5/24/2017	BID SET - FOR CONSTRUCTION - REVISED	
4	6/14/2017	ADDENDA 3	





DOWL
www.dowl.com

AEC1548
5368 Commercial Boulevard
Juneau, Alaska 99801
907-780-3533

MENDENHALL WASTEWATER TREATMENT PLANT
BIOSOLIDS DRYER FACILITY
CBJ CONTRACT No. BE17-133
SECOND FLOOR RECEPTACLE PLAN

PROJECT 1229.70862.01
DATE 05/24/2017

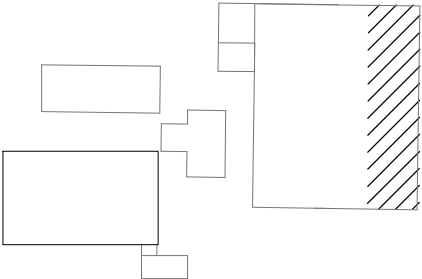
SHEET 201 OF 247
EP1-04

V:\dowl_engineers\6-0242_cbj_biosolids_design\drawings\electrical\interior_power_ep\ep1-09.dwg PLOT DATE 2017-06-14 17:17 SAVED DATE 2017-06-14 16:40 USER: tgress DOWLHKM FILE No: XXX-XX



NOTES:

1. FIELD VERIFY EQUIPMENT LOCATIONS. EXACT LOCATIONS NOT SHOWN. SEE CABLE SCHEDULE CONDUCTOR SPECIFICATION. FIELD ROUTE SURFACE MOUNT CONDUITS. COORDINATE ALL EQUIPMENT INSTALLATIONS WITH OWNER.
2. FIELD LOCATED 120VAC PANEL EXACT LOCATION.
3. REMOTE I/O PANEL 'BOP2': PROVIDE AND INSTALL NEW REMOTE I/O PANEL AND ASSOCIATED FIELD WIRING. FIELD LOCATE MOUNTING LOCATION. COORDINATE WITH OWNER FOR INSTALLATION LOCATION APPROVAL.
4. FIELD LOCATE EXISTING TELEPHONE TERMINAL BOARD. PROVIDE 25 PAIR TELEPHONE CABLE TO DRYER BUILDING IN UNDERGROUND CONDUIT.
5. TWAS PUMPS SCOPE OF WORK:
 - 5.1. PROVIDE NEW ALLEN BRADLEY MOTOR CONTROL CENTER (MCC-TWAS) IN THE MCC ROOM AS SHOWN. MCC-TWAS IS NEW STAND ALONE MCC POWERED FROM MCC-A. PROVIDE FEEDER TO MCC-TWAS FROM MCC-A. PROVIDE NEW 200A FEEDER BREAKER AT MCC-A SPARE CUBICLE. COORDINATE EXACT CUBICLE TO RE-PURPOSE WITH OWNER.
 - 5.2. PROVIDE MCC-TWAS WITH A VARIABLE FREQUENCY DRIVE SIZED FOR EACH TWAS PUMP AS SPECIFIED IN SECTION 43 23 57. EACH DRIVE SHALL BE SUPPLIED WITH ETHERNET/IP CONTROL MODULES. PROVIDE POWER CIRCUITS TO EACH PUMP. PROVIDE SENSOR WIRING FOR PUMP WINDING TEMPERATURE AND SEAL SENSOR TO PANEL 'BOP2'. SEE DRAWINGS G-08 & DBO-02.
6. FLOW METER SCOPE OF WORK: PROVIDE CONTROL WIRING TO PANEL 'BOP2'.
7. POLYMER SKID SCOPE OF WORK: PROVIDE FIELD POWER AND CONTROL WIRING.
8. BOILER PUMPS: PROVIDE TWO NEW FVNR 3/4HP CONTROLLERS AT MCC-A AND CIRCUITS. SEE MH1-04. PROVIDE 120VAC TO PANEL HPNL-173.
9. ODOR CONTROL FAN F-313. PROVIDE NEW FVNR 25HP MOTOR CONTROLLER AT EXISTING MCC-A. PROVIDE POWER AND CONTROL CIRCUITS TO F-313. SEE SHEET EP1-07. FIELD ROUTE CONDUITS.
10. PROVIDE CONCRETE HOUSEKEEPING PAD AT ALL MCC SECTIONS INSTALLED BY THIS PROJECT.
11. MCC-A IS A GE 8000 LINE MOTOR CONTROL CENTER.

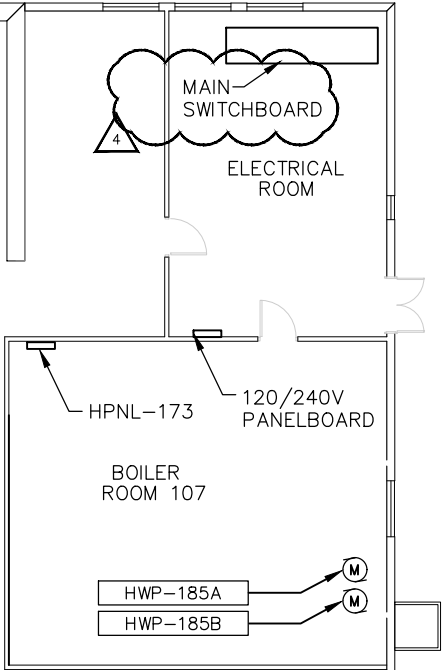


0 4' 8' 16'
Scale: 1/8" = 1'-0"

- TWAS PUMPS:
'TWP1'
'TWP2'
- PS-001
TSH-001
- PS-002
TSH-002
- PIT-01
- PIT-02

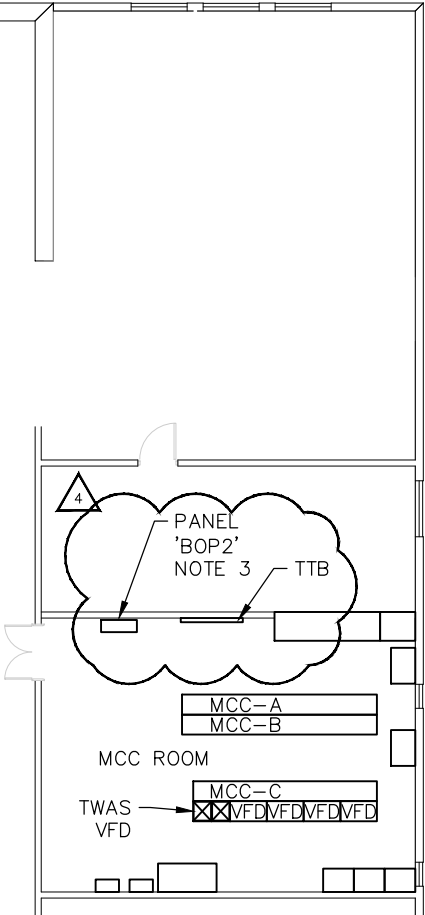
- FIT-01
FLOW
METER

PIPE GALLERY



FIRST FLOOR

SBR BUILDING PARTIAL PLANS
SCALE: 1/8" = 1'-0"



SECOND FLOOR



Electric Power Systems
Consulting Engineers
TEL: (907) 522-1953

3305 ARCTIC BLVD, STE 201, ANCHORAGE, AK 99503
CERTIFICATE OF AUTHORIZATION: AECC 738

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BIOSOLIDS DRYER FACILITY
CBJ CONTRACT No. BE17-133
ELECTRICAL
TWAS PUMP PLAN

PROJECT 1229.70862.01
DATE 05/24/2017

SHEET 206 OF 247
EP1-09

