

MURNSIDE runge

Nuna Burnside Engineering & environmental LTD. 106B Scurfield Blvd., Winnipeg, Manitoba telephone (204) 949-7110 fax (204) 949-7111

GOVERNMENT OF NUNAVUT COMMUNITY & GOVERNMENT SERVICES RANKIN INLET

PLC CONFIGURATION AND PANEL LAYOUTS

Checked By S.R.T. SEWAGE TREATMENT PLANT E7 Project No. 300031281

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consent of this office is strictly prohibited.	1	ISSUED FOR 66% SUBMISSION	06/09/2012
2. The contractor shall verify all dimensions, levels, and datums	2	ISSUED FOR 99% SUBMISSION	JANUARY 2013
on site and report any discrepancies or omissions to this office prior to construction.	3	ISSUED FOR TENDER	FEBUARY 2013
	4	REVISED AS PER ADDENDUM 1 TO 4 AND ISSUED FOR CONSTRUCTION	APRIL 2013
<ol><li>This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.</li></ol>		AS BUILT	AUGUST 2015
4. Drawing revision must be note "Issued For Construction"			
before any work commences			

ORIGINAL **AS-BUILT DRAWING** STAMPED AS-BUILT INFORMATION PROVIDED BY THE BY G.Runge 04/22/13

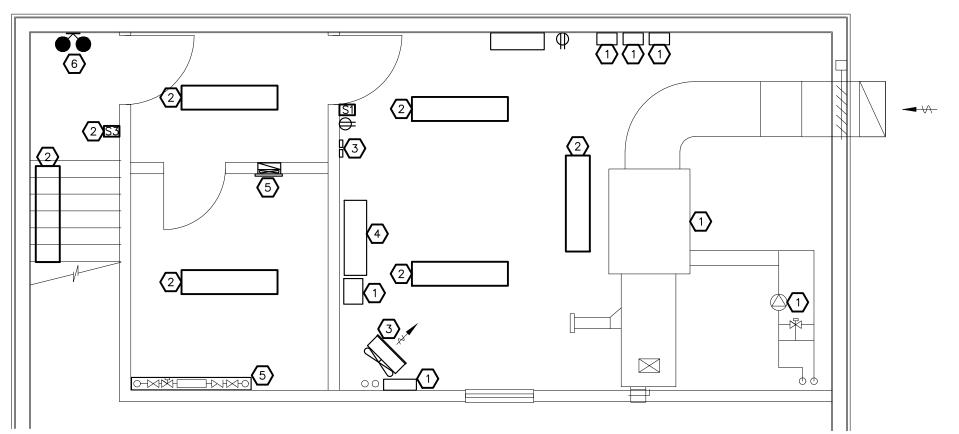
GENERAL CONTRACTOR:

IQALUIT, NUNAVUT

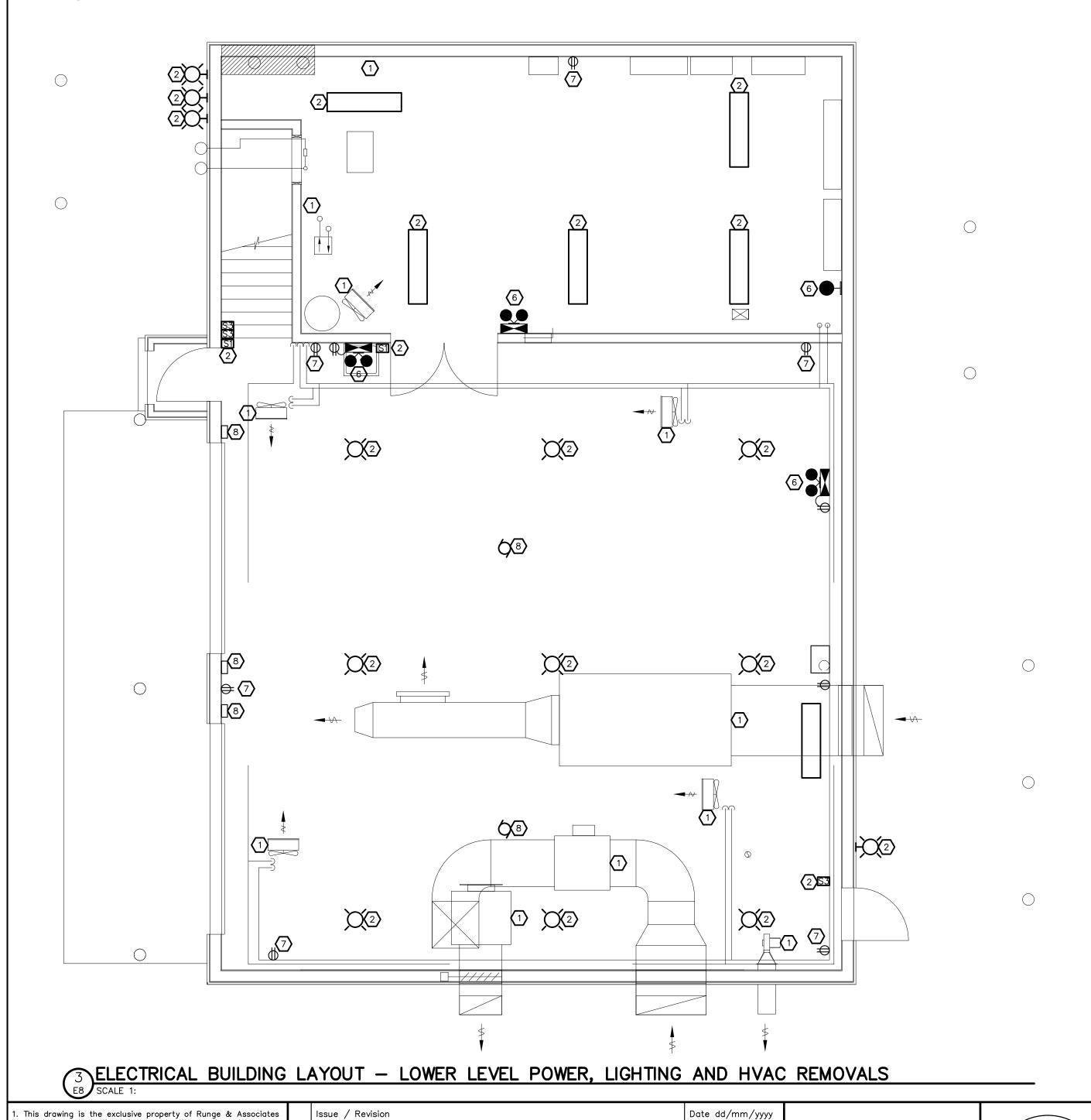
KUDLIK CONSTRUCTION LTD.

864 Hurontario Street b: (705) 446-3590 P.O. Box 387 f: (705) 446-3588 www.raiengineers.ca

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## ELECTRICAL BUILDING LAYOUT — UPPER LEVEL POWER, LIGHTING AND HVAC REMOVALS SCALE 1:



06/09/2012

JANUARY 2013

FEBUARY 2013

AUGUST 2015

APRIL 2013

GENERAL CONTRACTOR:

IQALUIT, NUNAVUT

KUDLIK CONSTRUCTION LTD.

## **REMOVAL NOTES:**

GENERAL NOTES FOR ALL REMOVAL WORKS:

- UNLESS OTHERWISE NOTED, "REMOVE" OR "REMOVED" INDICATES CONTRACTOR TO DISCONNECT, REMOVE AND DISPOSE OF ELECTRICAL EQUIPMENT INCLUDING ALL ASSOCIATED CONDUIT, FASTENERS, JUNCTION BOXES, SUPPORTS AND WIRING BACK TO POWER SUPPLY PANEL.
- BURIED CONDUIT AND CABLES SHOULD BE CUT OFF AT THE FINISHED FLOOR LEVEL AND SEALED. MAINTAIN OPERATION TO ALL AREAS OF THE PLANT, AS THE PLANT IS TO OPERATE AT ALL TIMES WITH
- CONTRACTOR TO PREPARE AN ELECTRICAL REMOVAL SCHEDULE FOR REVIEW WITH ENGINEER AND OWNER PRIOR TO BEGINNING ANY SHUT DOWN WORK.
- ALL REMOVAL WORK SCHEDULES REQUIRED BY THE CONTRACTOR ARE TO BE APPROVED BY ENGINEER AND OWNER TEN (10) WORKING DAYS PRIOR TO ANY POWER SHUTDOWN.
- REMOVAL WORK IS TO OCCUR WHILE PLANT IS OPERATING AT "LOW FLOW" CONDITIONS, WITH MINIMAL EQUIPMENT OPERATING. CONTRACTOR IS TO INCLUDE ALL NECESSARY PREMIUM LABOUR TIME TO PERFORM REMOVAL WORK ON WEEKENDS, NIGHTS OR OTHER "NON-REGULAR" TIMES AS DIRECTED BY THE OWNER/OPERATOR.
- CONTRACTOR TO PROVIDE STANDBY POWER IN THE EVENT NORMAL POWER OR EXISTING STANDBY POWER IS UNAVAILABLE DUE TO CONSTRUCTION ACTIVITY OR WORK.
- EXISTING MECHANICAL DEVICE TO BE REMOVED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO REMOVE ALL ASSOCIATED ELECTRICAL COMPONENTS.
- CONTRACTOR TO REMOVE EXISTING LUMINAIRE AND ASSOCIATED SWITCHES . MARK POWER SUPPLY PANEL BREAKER AS SPARE.
- HUH-11 TO REMAIN. CONTRACTOR REMOVE EXISTING MOTOR STARTER AND START/STOP STATION. MARK POWER SUPPLY PANEL BREAKER AS SPARE.
- CONTRACTOR TO RELOCATE NUVUK PS FLOWMETER AND JOHNSTON COVE PS FLOWMETER TO EXISTING FACILITY PLC. CONTRACTOR TO VERIFY ALL REMAINING EQUIPMENT HAS BEEN MADE REDUNDANT. ONCE VERIFIED, CONTRACTOR REMOVE EXISTING CONTROL CABINET. MARK POWER SUPPLY PANEL BREAKER AS
- FN-11 AND WF-2 TO REMAIN. CONTRACTOR TO REMOVE ALL ASSOCIATED ELECTRICAL COMPONENTS.. MARK POWER SUPPLY PANEL BREAKER AS SPARE.
- 6 CONTRACTOR TO KEMOVE THE EMERGENCE POWER SUPPLY PANEL BREAKER AS SPARE. CONTRACTOR TO REMOVE THE EMERGENCY BATTERY BACKUP LIGHTS AND ASSOCIATED RECEPTACLE. MARK
- CONTRACTOR TO REMOVE RECEPTACLE. MARK POWER SUPPLY PANEL BREAKER AS SPARE.
- CONTRACTOR TO REMOVE DOOR OPNER, OPEN/CLOSE STATION AND MOTORS. MARK POWER SUPPLY PANEL BREAKER AS SPARE.

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GOVERNMENT OF NUNAVUT COMMUNITY & GOVERNMENT SERVICES

RANKIN INLET

SEWAGE TREATMENT PLANT

BUILDING ELECTRICAL EQUIPMENT LAYOUT - REMOVAL

> Checked By S.R.T. E8

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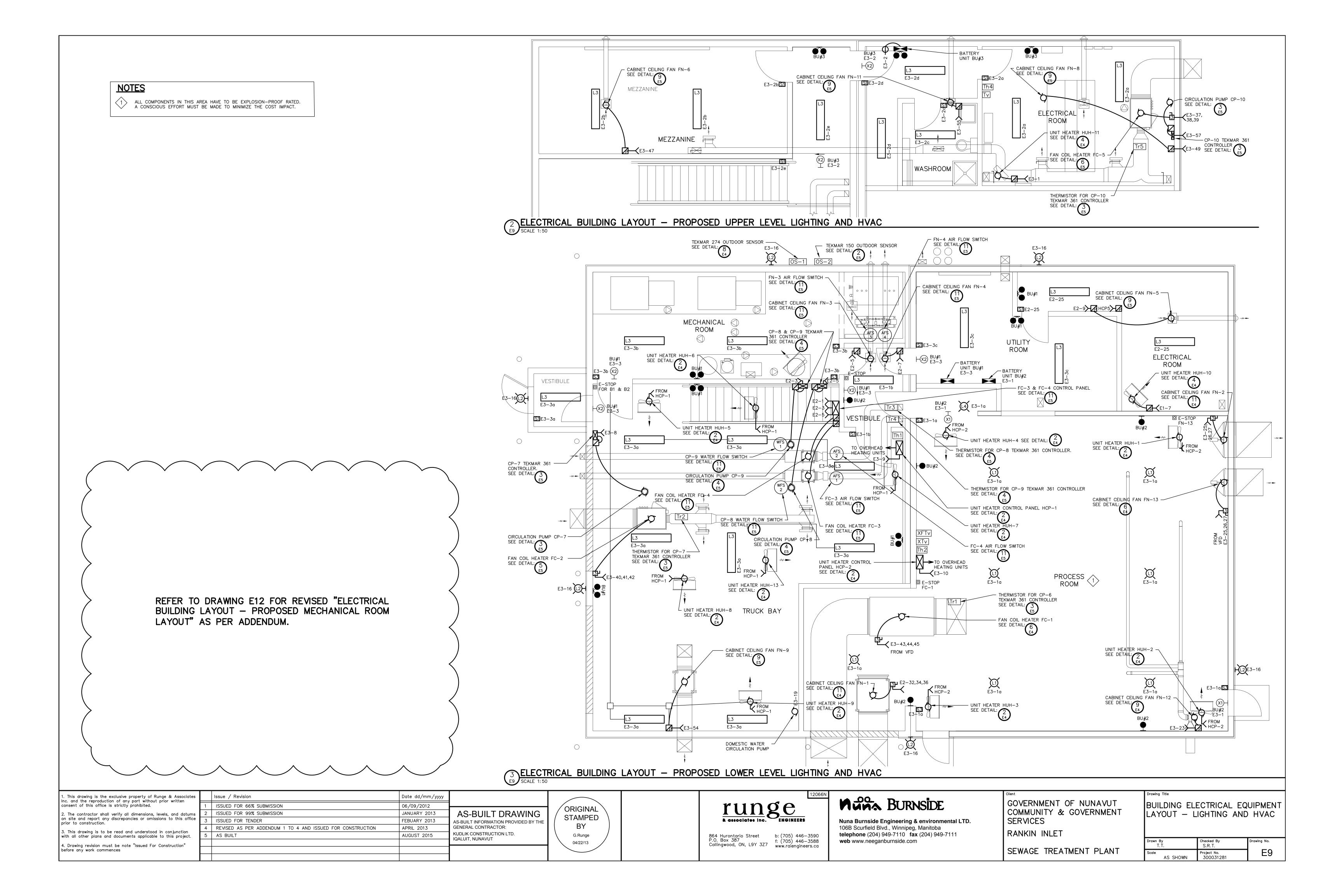
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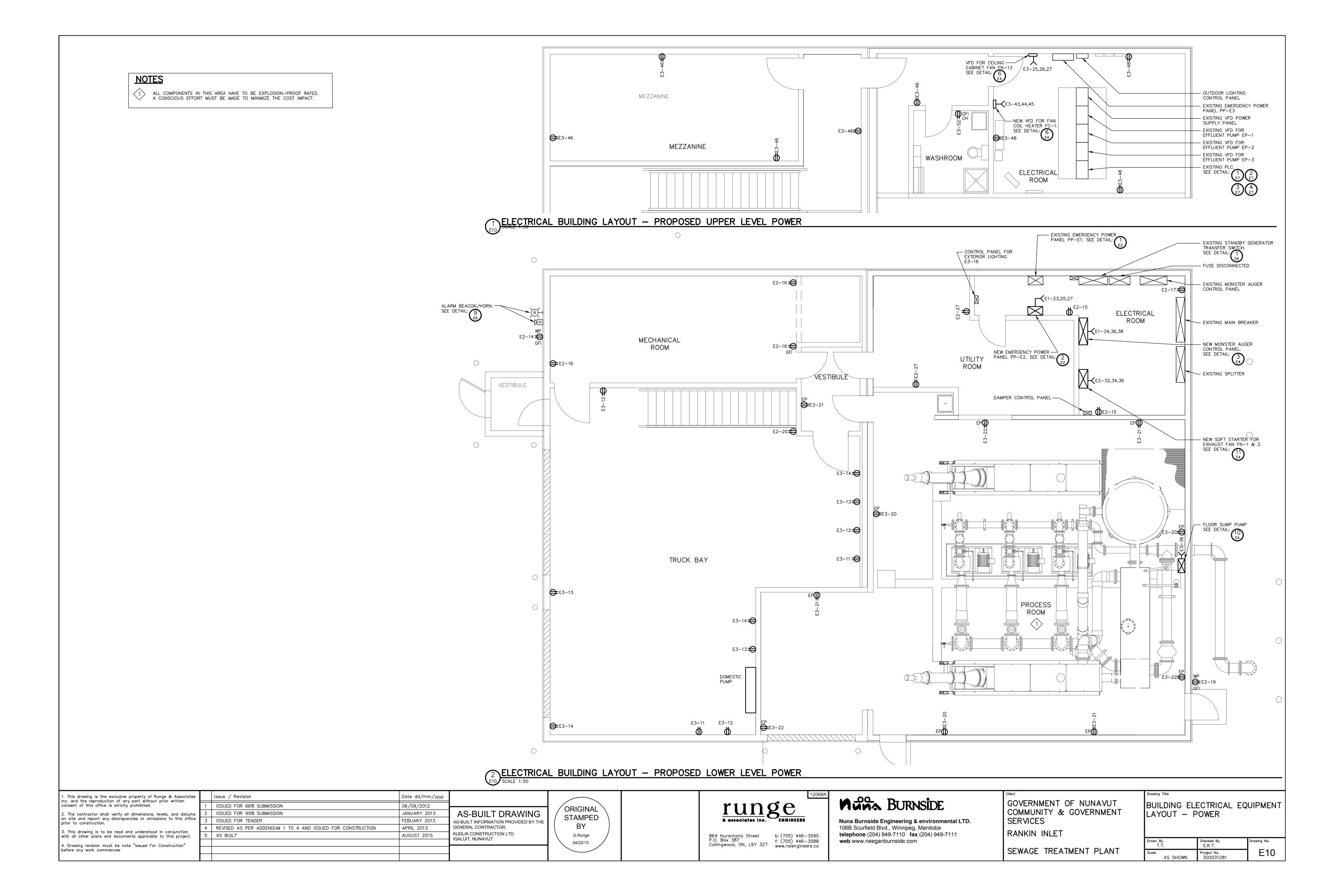
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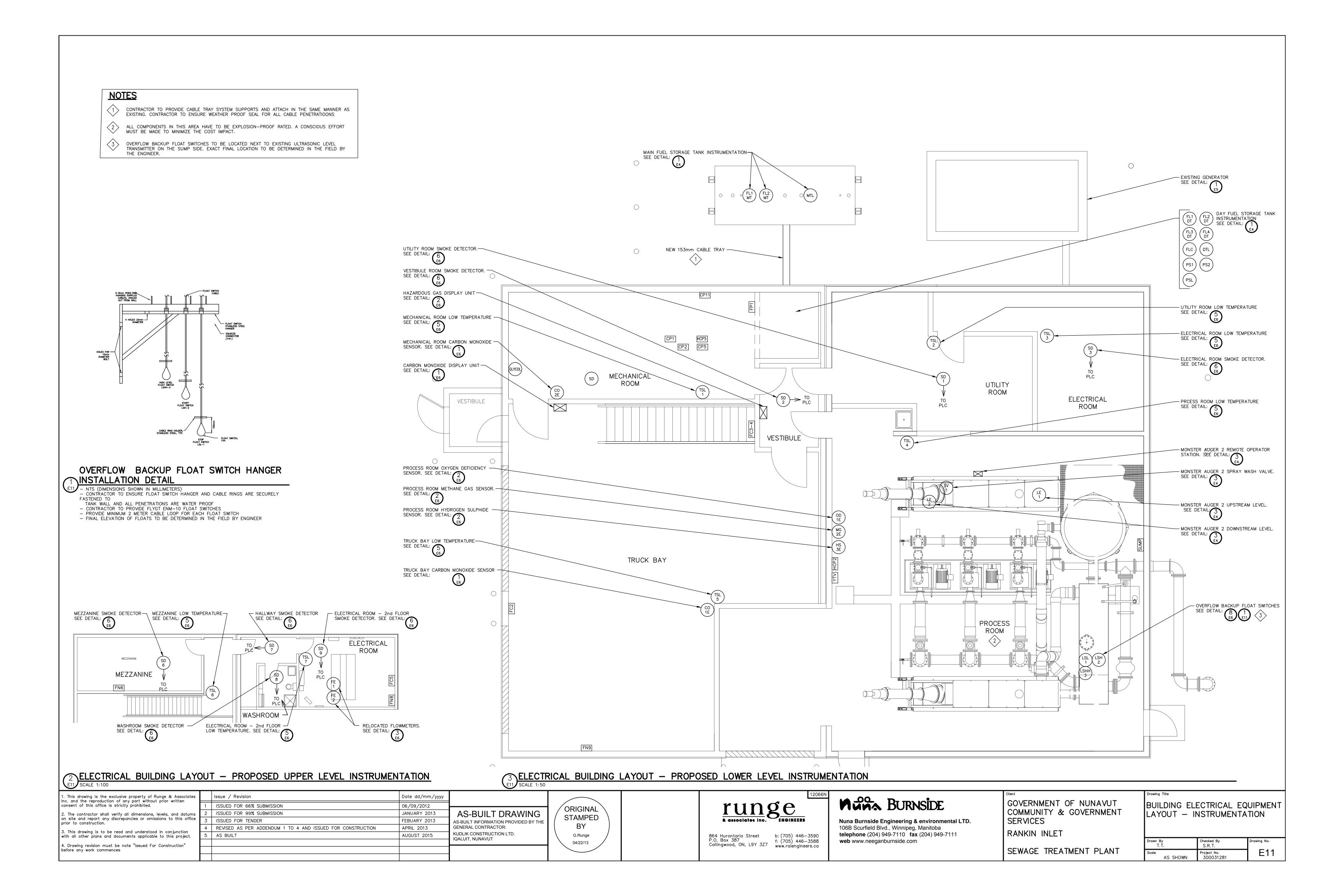
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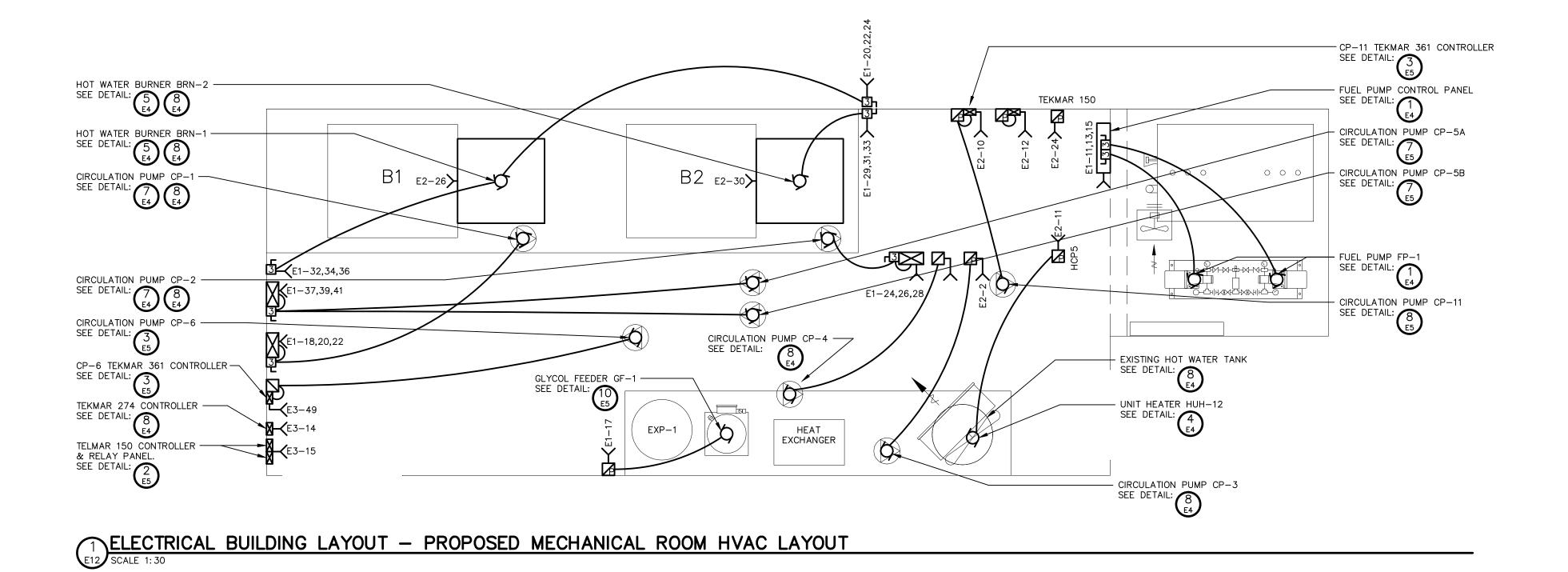






## GENERAL NOTE:

COORDINATE WITH ALL OTHER ASSOCIATED TRADES TO DETERMINE BEST LOCATIONS TO MOUNT RELATED ELECTRICAL EQUIPMENT IN THE MECHANICAL ROOM. SUBMIT AGREED UPON PLAN VIEW PHYSICAL LAYOUT DRAWING IN THE FORM OF A SHOP DRAWING FOR APPROVAL, INCLUDING EQUIPMENT ELEVATIONS AS REQUIRED TO FULLY ILLUSTRATE PHYSICAL SIZE OF EQUIPMENT AND CLEARANCES REQUIRED BY THE CURRENT CANADIAN ELECTRICAL CODE, RULING AUTHORITIES AND ALL OTHER APPLICABLE CODES.



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			IQALOTT, NONAVOT

ORIGINAL STAMPED BY G.Runge 04/22/13

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SERVICES

SEWAGE TREATMENT PLANT

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BUILDING ELECTRICAL EQUIPMENT LAYOUT — MECHANICAL ROOM HVAC LAYOUT
LAYOUT - MECHANICAL ROOM
HVAC LAYOUT

Drawn By T.T.	Checked By S.R.T.	Drawing No.
Scale AS SHOWN	Project No. 300031281	E12