LEGEND

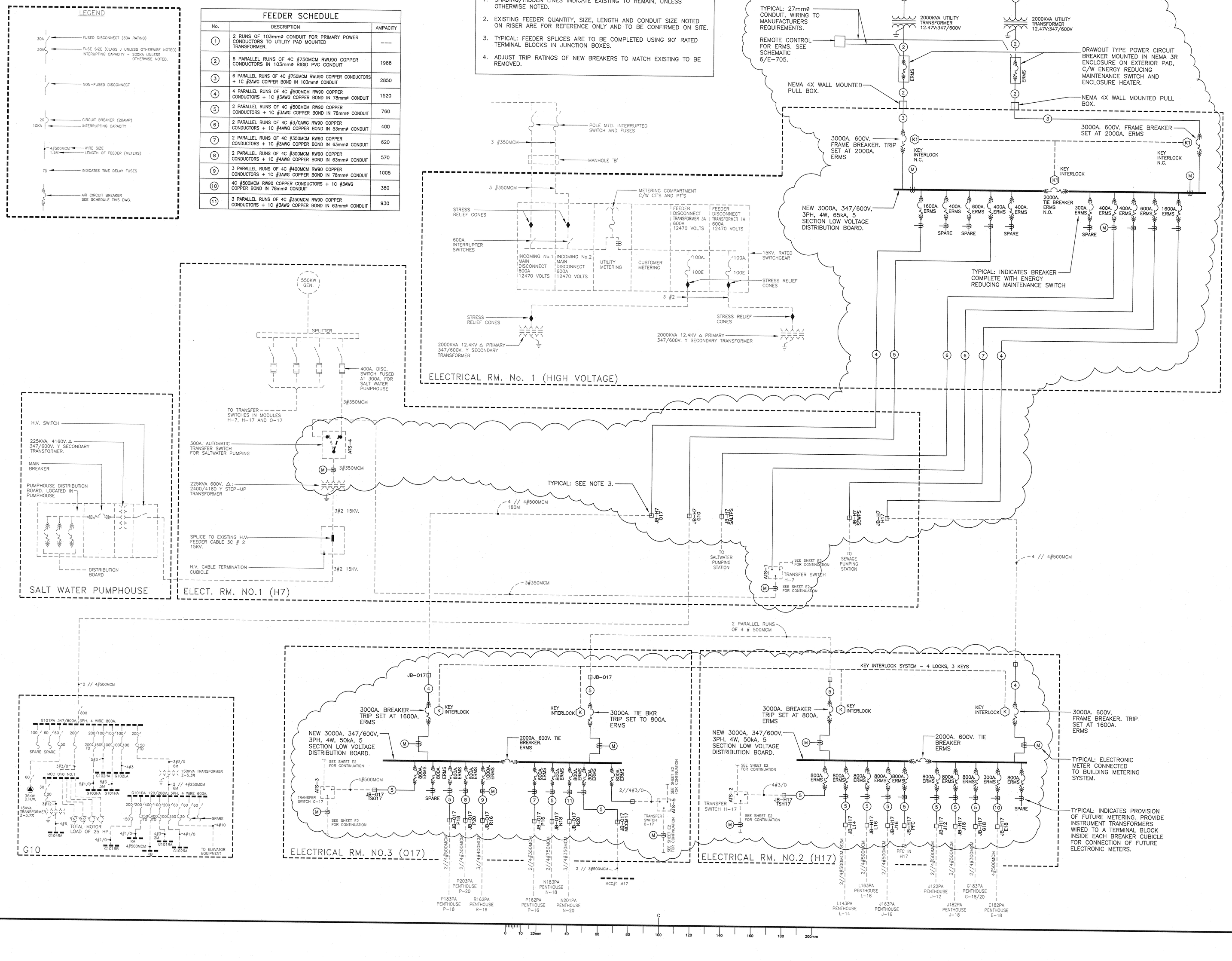
30A — FUSED DISCONNECT (30A RATING)
30A — FUSE SIZE (CLASS J UNLESS OTHERWISE NOTED) INTERRUPTING CAPACITY = 200KA UNLESS OTHERWISE NOTED.
NON-FUSED DISCONNECT
20 / 10KA — CIRCUIT BREAKER (20AMP) / INTERRUPTING CAPACITY
4#500MCM / 1.5M — WIRE SIZE / LENGTH OF FEEDER (METERS)
TD — INDICATES TIME DELAY FUSES
AIR CIRCUIT BREAKER SEE SCHEDULE THIS DWG.

FEEDER SCHEDULE

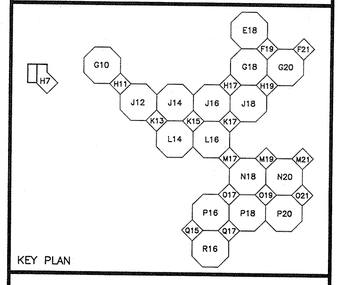
No.	DESCRIPTION	AMPACITY
1	2 RUNS OF 103mmø CONDUIT FOR PRIMARY POWER CONDUCTORS TO UTILITY PAD MOUNTED TRANSFORMER.	---
2	6 PARALLEL RUNS OF 4C #750MCM RWU90 COPPER CONDUCTORS IN 103mmø RIGID PVC CONDUIT	1988
3	6 PARALLEL RUNS OF 4C #750MCM RWU90 COPPER CONDUCTORS + 1C #2AWG COPPER BOND IN 103mmø CONDUIT	2850
4	4 PARALLEL RUNS OF 4C #500MCM RW90 COPPER CONDUCTORS + 1C #3AWG COPPER BOND IN 78mmø CONDUIT	1520
5	2 PARALLEL RUNS OF 4C #500MCM RW90 COPPER CONDUCTORS + 1C #3AWG COPPER BOND IN 78mmø CONDUIT	760
6	2 PARALLEL RUNS OF 4C #3/0AWG RW90 COPPER CONDUCTORS + 1C #4AWG COPPER BOND IN 53mmø CONDUIT	400
7	2 PARALLEL RUNS OF 4C #350MCM RW90 COPPER CONDUCTORS + 1C #3AWG COPPER BOND IN 63mmø CONDUIT	620
8	2 PARALLEL RUNS OF 4C #300MCM RW90 COPPER CONDUCTORS + 1C #4AWG COPPER BOND IN 63mmø CONDUIT	570
9	3 PARALLEL RUNS OF 4C #400MCM RW90 COPPER CONDUCTORS + 1C #3AWG COPPER BOND IN 78mmø CONDUIT	1005
10	4C #500MCM RW90 COPPER CONDUCTORS + 1C #3AWG COPPER BOND IN 78mmø CONDUIT	380
11	3 PARALLEL RUNS OF 4C #350MCM RW90 COPPER CONDUCTORS + 1C #3AWG COPPER BOND IN 63mmø CONDUIT	930

NOTES:

1. SHADING/HIDDEN LINES INDICATE EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.
2. EXISTING FEEDER QUANTITY, SIZE, LENGTH AND CONDUIT SIZE NOTED ON RISER ARE FOR REFERENCE ONLY AND TO BE CONFIRMED ON SITE.
3. TYPICAL: FEEDER SPLICES ARE TO BE COMPLETED USING 90° RATED TERMINAL BLOCKS IN JUNCTION BOXES.
4. ADJUST TRIP RATINGS OF NEW BREAKERS TO MATCH EXISTING TO BE REMOVED.



KEY PLAN



Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

PEGNL PROFESSIONAL ENGINEER — Engineers and Geoscientists Newfoundland and Labrador — BERNIE ROBSON — SIGNATURE — 2016.08.26 DATE — NEWFOUNDLAND & LABRADOR

PROVINCE OF NEWFOUNDLAND AND LABRADOR
pegnl ENGINEERING PERMIT J0291
STANTEC CONSULTING LTD.
BR 04642
Signature or Member Number (Member-in-Responsible Charge)

revisions		date
0	ISSUED FOR TENDER	AUG 26 2016

project / projet
NORTHWEST ATLANTIC FISHERIES CENTRE MAIN ELECTRICAL UPGRADES

drawing / dessin
PARTIAL REVISED RISER DIAGRAM PHASE 1

designed / conçu: B.Ropson
date: March 2016
drawn / dessiné: J. Dillon
date: March 2016
approved / approuvé
date
Tender / Soumission: Sandy Oke 2016-09-12
PWGSC Project Manager / Administrateur de projets TPSGC

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