

SYMBOL SCHEDULE

- CH EXISTING WALL SURFACE MOUNTED INCANDESCENT OR HIGH INTENSITY DISCHARGE FIXTURE TO BE RELOCATED.
- EXISTING AIRCRAFT WARNING LIGHT TO BE RELOCATED.
- ELECTRICAL DISTRIBUTION PANEL - SURFACE/RECESSED.
- DUPLEX GROUNDED RECEPTACLE MOUNTED UP 300MM. SUFFIX 'E' DENOTES EXISTING EXTERIOR RECEPTACLES TO BE RELOCATED AS INDICATED.
- MOLDED CASE TYPE CIRCUIT BREAKER, 15 AMP UNLESS OTHERWISE NOTED.
- MOTOR CONNECTION, COORDINATE FINAL LOCATIONS ON SITE.
- MOTOR DISCONNECT SWITCH
- EXISTING PUSH BUTTON STATION TO BE REMOVED.
- JUNCTION BOX/OUTLET BOX

MECHANICAL SCHEDULE

ITEM	DESCRIPTION	HP	KW	VOLTAGE	#	FLA	STARTER	FUSE	BREAKER	FEEDERS	NOTES
B-1, B-2	GAS FIRED HOT WATER BOILERS	-	-	120V	1	3.15A EACH	N	-	15A-1P	2 #12 AWG RW90 + #12 INS. BND IN 21C.	SEE DRAWING NOTE #9
P-1, P-2	CIRCULATOR PUMPS	1/3	-	120V	1	7.2A EACH	N	-	15A-1P EACH	2 #10 AWG RW90 + #12 INS. BND IN 21C.	-
GFT-1, GFT-2	GLYCOL FILL TANKS	-	50W	120V	1	-	N	-	15A-1P	2 #12 AWG RW90 + #12 INS. BND IN 21C.	SEE DRAWING NOTE #9
SMC-1	SNOW MELT CONTROLLER	-	-	120V	1	-	N	-	15A-1P	2 #12 AWG RW90 + #12 INS. BND IN 21C.	-

DRAWING NOTES

- EXISTING WALL PACKS 'A' SHALL BE REMOVED AND RELOCATED AFTER HANGAR DOOR MODIFICATION. SPLICE AND EXTEND EXISTING CABLE/CONDUIT AND PROVIDE WEATHERPROOF SEAL FOR ALL EXTERIOR WALL PENETRATIONS. COORDINATE WITH ARCHITECTURE FOR FINAL INSTALLATION LOCATION.
- EXISTING EXTERIOR RECEPTACLES FOR AIRCRAFT COMPONENTS SHALL BE REMOVED AND RELOCATED AFTER HANGAR DOOR MODIFICATION. THREE RECEPTACLES EXIST ON EITHER SIDE OF THE HANGAR DOOR (ONE 120V, ONE 208V & ONE 600V). SPLICE AND EXTEND EXISTING CABLE/CONDUIT AND PROVIDE WEATHERPROOF SEAL FOR ALL EXTERIOR WALL PENETRATIONS. COORDINATE WITH ARCHITECTURE FOR FINAL INSTALLATION LOCATION ON NEW HANGAR ADDITION.
- EXISTING AIRCRAFT WARNING LIGHT LOCATED ON ROOF PEAK SHALL BE REMOVED AND RELOCATED AFTER HANGAR DOOR MODIFICATION. SPLICE AND EXTEND EXISTING CABLE/CONDUIT AND PROVIDE WEATHERPROOF SEAL FOR EXTERIOR WALL PENETRATION. RE-INSTALL WARNING LIGHT ON ROOF PEAK OF NEW HANGAR ADDITION AT BUILDINGS EDGE.
- EXISTING LEFT AND RIGHT HANGAR DOOR MOTORS AND CONTROLS INCLUDING UPPER AND LOWER LIMIT SWITCHES SHALL BE REMOVED AND SALVAGED TO OWNER. ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING CABLE/CONDUIT BACK TO HANGAR ELECTRICAL ROOM.
- PROVIDE DUPLEX GROUNDED RECEPTACLE FOR 120V DIRECT CONNECTION OF BOILER & GLYCOL FILL TANK.
- JUNCTION BOX FOR POWER CONNECTION TO TROLLEY DUCT FEED-IN-BOX. COORDINATE WITH SLIDING DOOR MANUFACTURER FOR LOCATION OF SINGLE POINT CONNECTION & LOCATE JUNCTION BOX ACCORDINGLY. PROVIDE RUN OF (3) #6 RW90 & #10 INSUL. BOND FROM CDP IN HANGAR ELECTRICAL ROOM. SEE EXISTING PANEL SCHEMATICS FOR DETAILS. CONNECTION TO SLIDING DOOR BRAKES IS ALSO REQUIRED. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH DOOR MANUFACTURER FOR BRAKE LOCATIONS & FEEDER REQUIREMENTS.

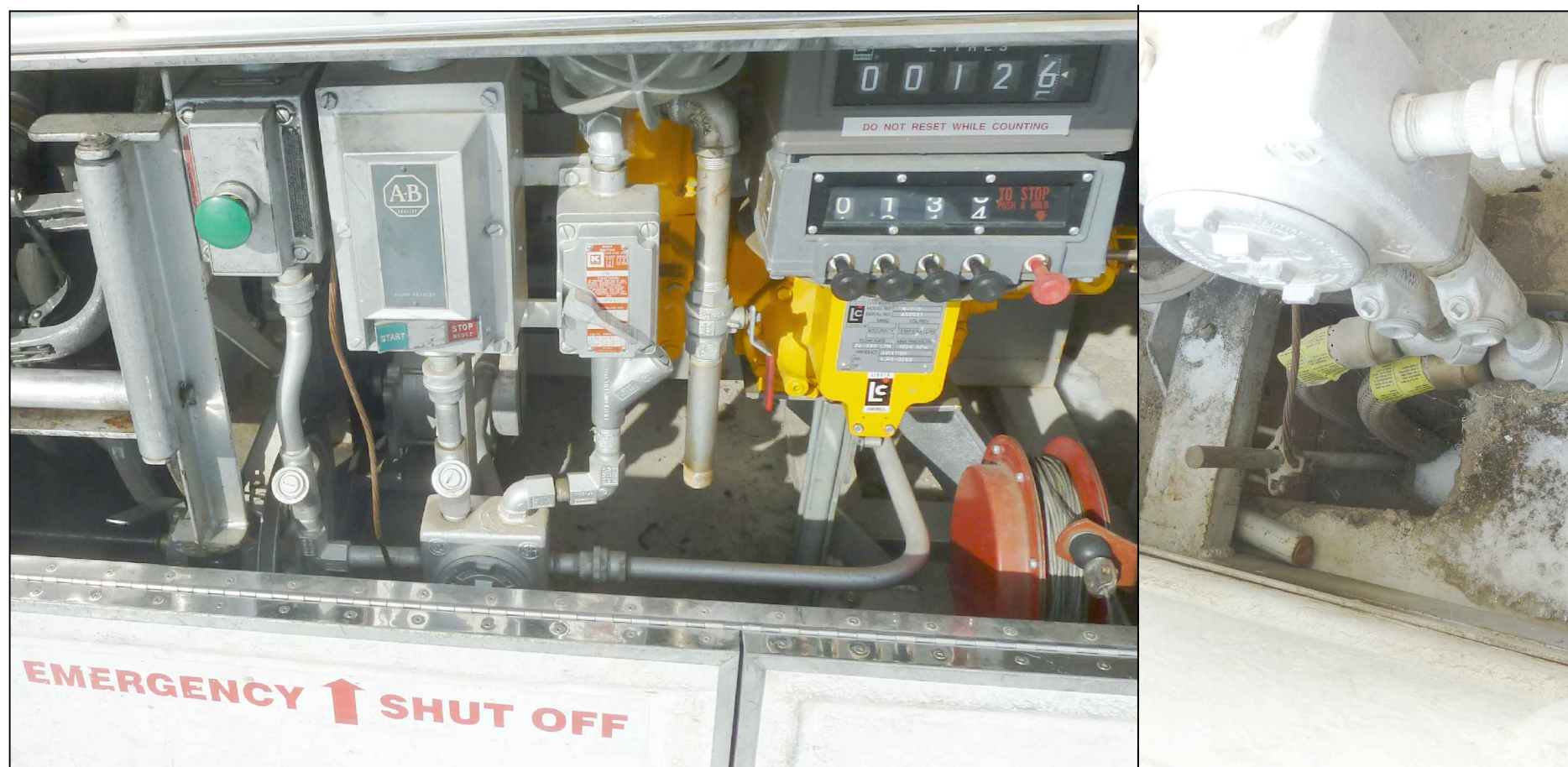
GENERAL NOTES

ELECTRICAL CONTRACTOR SHALL UTILIZE EXISTING CONDUIT RUNS WHERE POSSIBLE IF IT IS DEEMED SUITABLE FOR RE-USE.

INTERIOR EXTERIOR



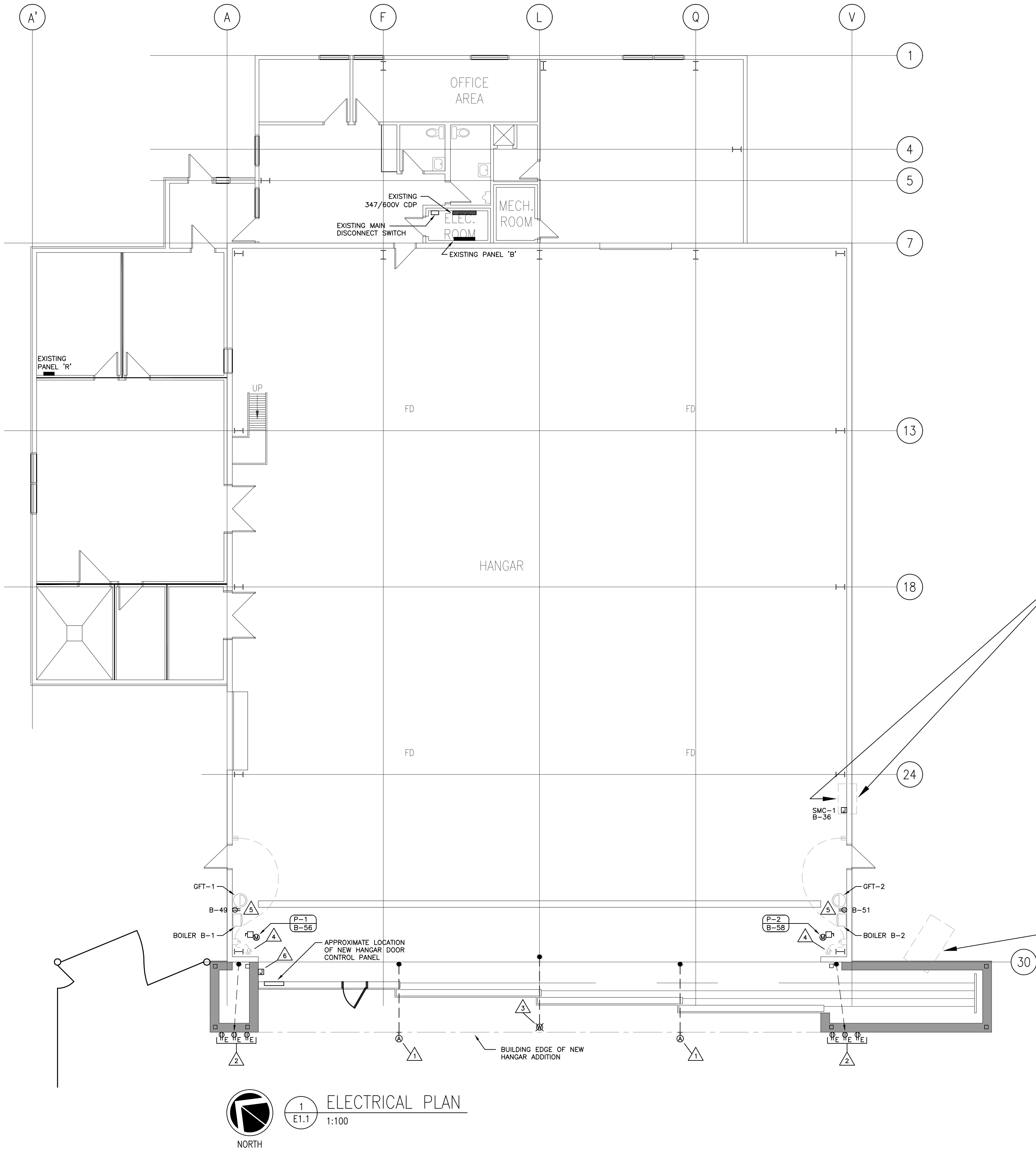
FRONT OF PUMP UNDERGROUND FEEDS



DECOMMISSION OF EXISTING JET FUEL PUMP AND PUMP CONTROLS:

DECOMMISSIONING REQUIRES WORK TO BE PERFORMED WITHIN A HAZARDOUS AREA AS DEFINED IN SECTIONS 18 AND 20 OF THE CANADIAN ELECTRICAL CODE. PRIOR TO WORK, ENSURE ALL POWER HAS BEEN DISCONNECTED AT THE SOURCE. 600V AND 120V POWER IS USED IN OPERATION OF THE JET FUEL PUMP. SEE PANEL SCHEMATICS INDICATING BREAKER LOCATIONS ON DRAWING E2.

- DISCONNECT AND REMOVE POWER FEEDS TO JET B FUEL PUMP BACK TO 600V CDP IN ELECTRICAL ROOM. DISCONNECT AND REMOVE POWER FEEDS FOR TANK SENSOR AND JET FUEL LIGHT & HOSE REEL BACK TO PANEL 'B' IN ELECTRICAL ROOM.
- DISCONNECT AND REMOVE ALL CONTROL/ACCESSORY INPUT AND OUTPUT WIRING TO FUEL PUMP BACK TO VEEDER-ROOT MONITORING DEVICE LOCATED BESIDE SOUTH HANGAR DOOR.
- ALL DEVICES INCLUDED IN DECOMMISSIONING OF THE FUEL PUMP INCLUDING COMPLETE JET 'B' SERVAPLANE UNIT, VEEDER-ROOT MONITORING DEVICE, AND ALL INCLUDED COMPONENTS AND ACCESSORIES SHALL BE SALVAGED IN GOOD CONDITION AND TURNED OVER TO OWNER FOR RE-USE.
- EXTERIOR CONDUIT SHALL BE CUT AT FINISHED GRADE, THEN CAPPED AND SEALED AFTER CABLE REMOVAL. PROVIDE WEATHERPROOF SEAL TO HANGAR WALL ENTRANCE POINTS. ALL INTERIOR CONDUIT SHALL BE REMOVED BACK TO SOURCE.



1 ELECTRICAL PLAN
E1.1
1:100

DO NOT SCALE DRAWINGS

0	ISSUED FOR TENDER	2013-07-26
Revision/ Révision	Description/Description	Date/Date
Client/client		

Project title/Titre du projet

AIRPORT HANGAR DOOR
REPLACEMENT
REGINA, SK

Approved by/Approuvé par

SBK

Designed by/Concept par

C.J.F.

Drawn by/Dessiné par

C.J.F.

PWGSC Project Manager/Administrateur de Projets TPSCG
DC

PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client

Drawing title/Titre du dessin

ELECTRICAL PLAN

Project No./No. du
projet
R.060008.001

Sheet/Feuille
E1
OF 2

Revision no./
La Révision
no.
0