

Revision	Description	Date
5		
4		
3	ISSUED FOR TENDER (STAMPED)	2018-05-24
2	ISSUED FOR TENDER	2018-05-04
1	ISSUED FOR 90% REVIEW	2018-04-10
0	ISSUED FOR 60% REVIEW	2018-03-09

Client client

PUBLIC WORKS &
GOVERNMENT SERVICES

1800-11th AVENUE, SUITE 201
REGINA, SASKATCHEWAN. S4P 0H8

Project
CORRECTIONAL SERVICE CANADA
SASKATCHEWAN PENITENTIARY
PRINCE ALBERT, SK

BOILER CONTROL
REPLACEMENT

Designed by Conçu par

MAH

Drawn by Dessiné par

JF

Approved by Approuvé par

RLG

PWGSC Project Manager Administrateur de Projets TPSGC

SHERRI KOBELSKI

Drawing Title Titre du dessin

BOILER ROOM -
MECHANICAL CONTROL
PLAN

Project no./No. du projet

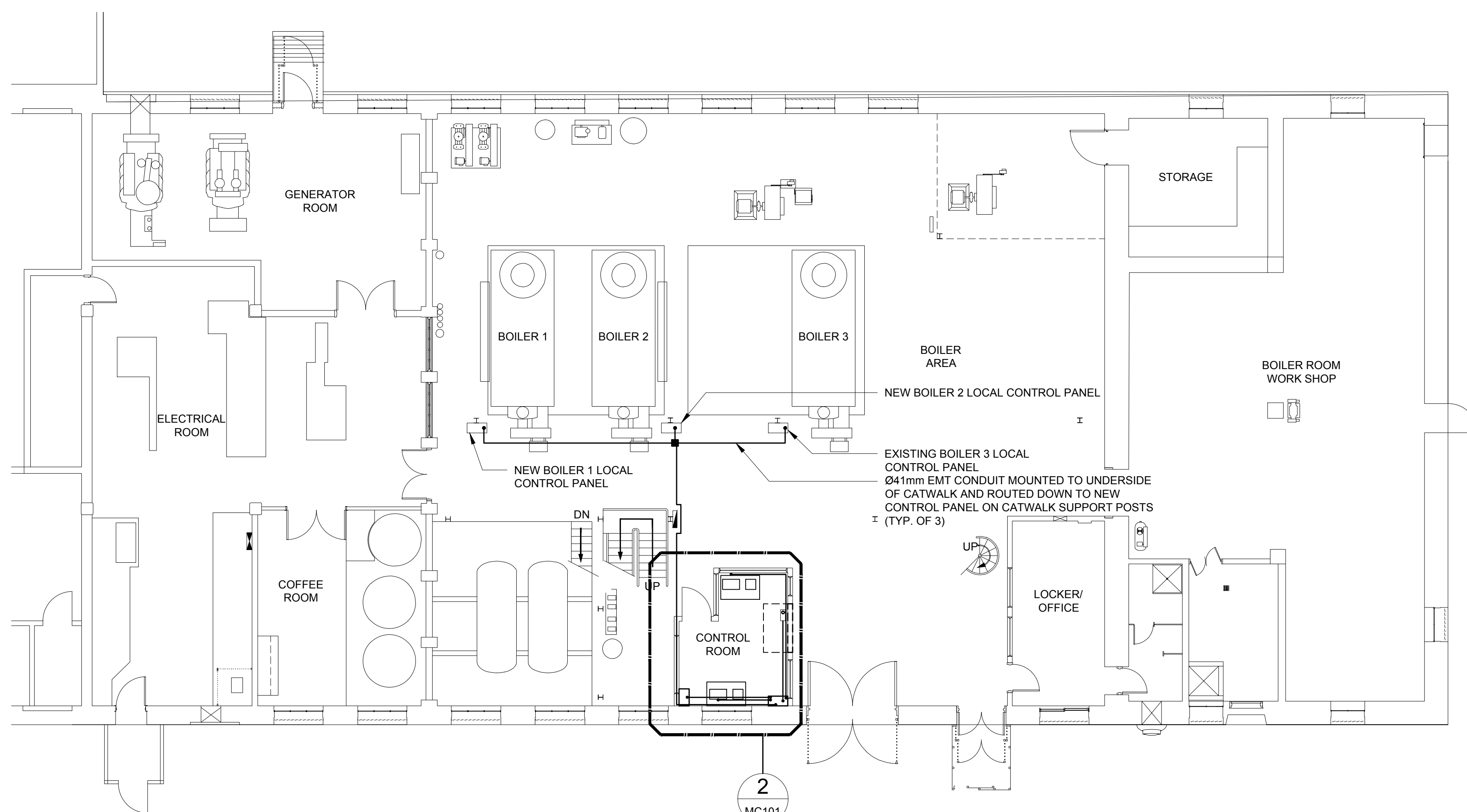
R.079836.001

Drawing no./No. du dessin

MC101

Revision no.

3

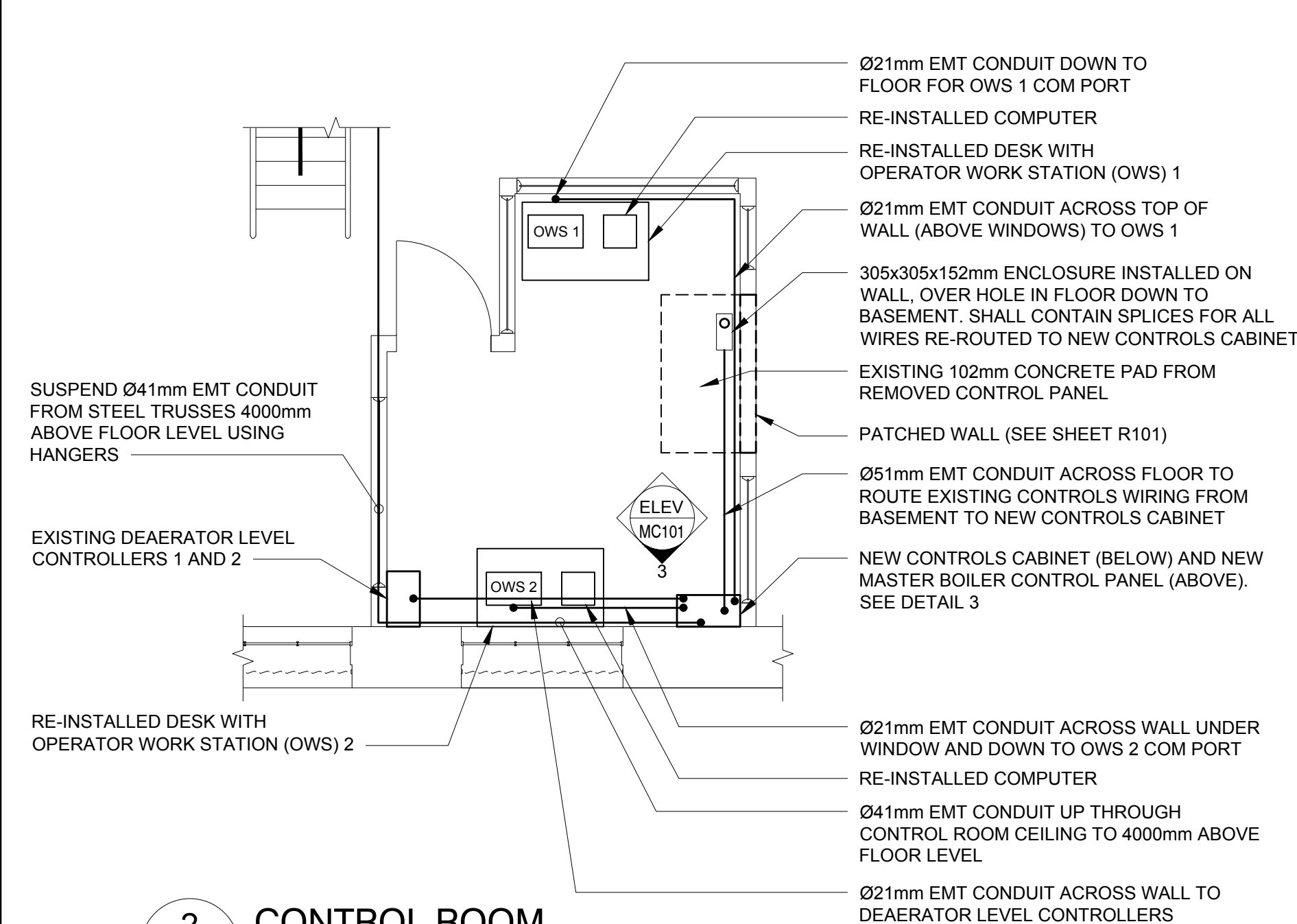


ITEM	SYMBOL	REMARKS
ELECTRICAL PANEL		SEE E101
ELECTRICAL SWITCHGEAR		SEE E101
JUNCTION BOX		

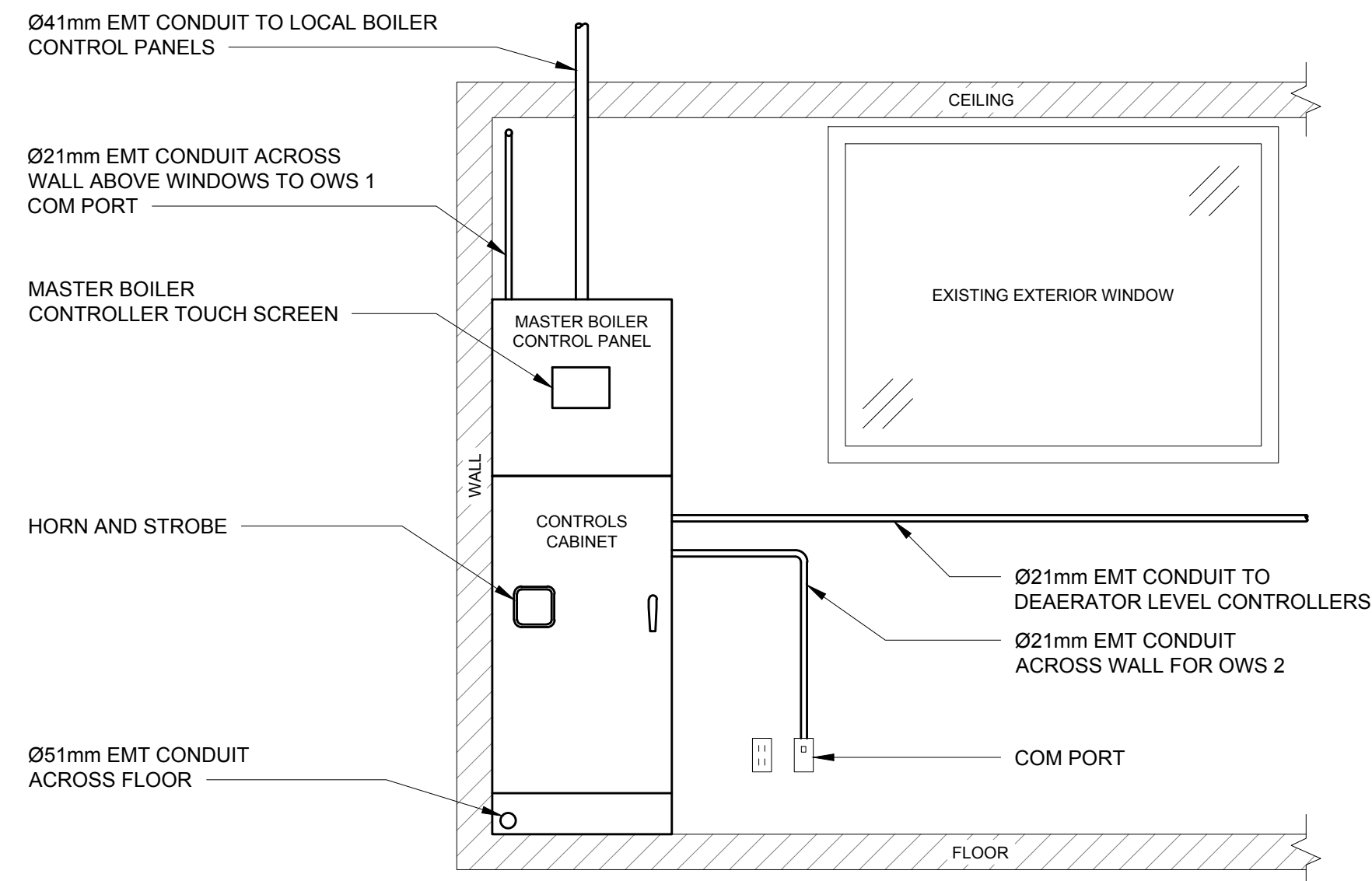
- CONSTRUCTION NOTES:
1. WORK SHALL BE STAGED TO MINIMIZE BOILER DOWNTIME. REFER TO STAGING PLAN IN SPECIFICATIONS.
 2. SUPPLY AND INSTALL NEW LOCAL BOILER CONTROL PANELS FOR BOILERS 1 AND 2. REFER TO SHEET MC102 FOR DETAILS.
 3. SUPPLY AND INSTALL NEW DRUM LEVEL CONTROLLER AND ECONOMIZER TEMPERATURE CONTROLLER IN EXISTING BOILER 3 LOCAL CONTROL PANEL.
 4. SUPPLY AND INSTALL NEW MASTER BOILER CONTROL PANEL IN CONTROL ROOM. REFER TO SHEET MC102 FOR DETAILS.
 5. SUPPLY AND INSTALL NEW CONTROLS NETWORK TO MONITOR BOILERS, ECONOMIZERS, AND FEED WATER SYSTEMS. REFER TO SHEET MC102 FOR DETAILS.
 6. CALIBRATE AND COMMISSION ALL NEW AND EXISTING SENSORS AND CONTROLS CONNECTED TO NEW CONTROL NETWORK.
 7. SUPPLY AND INSTALL NEW COMMUNICATION PORTS FOR OWS 1 AND 2.
 8. RE-INSTALL TWO DESKS AND TWO COMPUTERS RETAINED DURING DEMOLITION.

NOTE:
ALL CONDUIT AND OUTLETS IN CONTROL ROOM TO BE SURFACE MOUNTED.

1
MC101
SCALE: 1:100



2
MC101
SCALE: 1:50
SHEET REF.: MC101



3
MC101
SCALE: 1:20
SHEET REF.: MC101

NOTE:
REFER TO SHEET E101 FOR POWER SUPPLY CONDUIT AND OUTLET LOCATIONS.