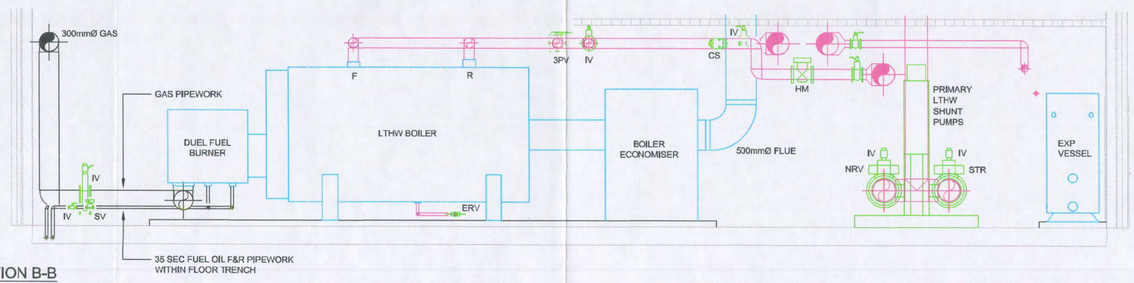
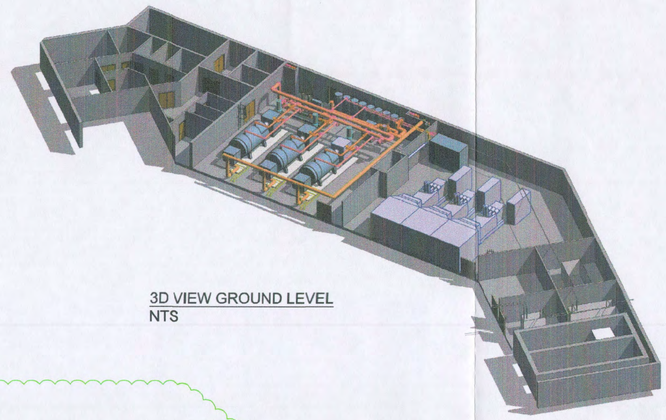


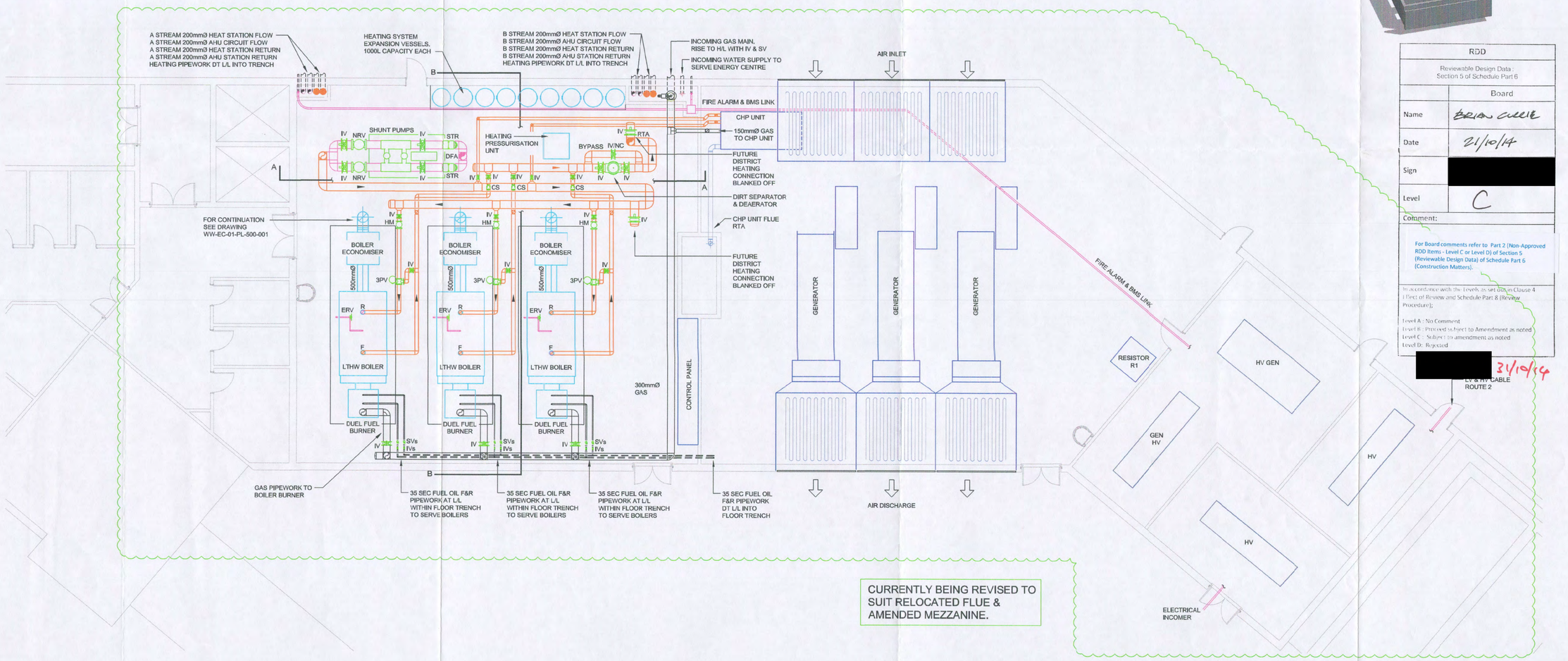
SECTION A-A
SCALE 1:50



SECTION B-B
SCALE 1:50



3D VIEW GROUND LEVEL
NTS



CURRENTLY BEING REVISED TO SUIT RELOCATED FLUE & AMENDED MEZZANINE.

NOT ALL VALVES HAVE BEEN SHOWN FOR CLARITY. SEE SCHEMATIC FOR DETAILS.

N

Notes

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Designer Identification of Hazard Risk

- Indicates a Residual Risk requiring a Compulsory Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

LEGEND

STR	-	STRAINER
IV	-	ISOLATING VALVE
NRV	-	NON RETURN VALVE
CS	-	COMMISSIONING SET
FC	-	FLEXIBLE CONNECTION
DOC	-	DRAIN OFF COCK
LSV	-	LOCKSHIELD ISOLATING VALVE
MS	-	METERING STATION
VSD	-	VARIABLE SPEED DRIVE
IV (NC)	-	ISOLATING VALVE (NORMALLY CLOSED)
F	-	FLOW
R	-	RETURN
BCWS	-	BOOSTED COLD WATER SUPPLY
T	-	TEMPERATURE SENSOR
P	-	PRESSURE SWITCH
T	-	TEMPERATURE GAUGE
P	-	PRESSURE GAUGE
BMS	-	BUILDING MANAGEMENT SYSTEM
DCV	-	DOUBLE CHECK VALVE
RPZ	-	REGULATING PRESSURE ZONE VALVE
TP	-	TEST POINT
ERV	-	EMERGENCY RELIEF VALVE

SIZES SHOWN ARE INDICATIVE AT THIS STAGE.

RDD	
Reviewable Design Data : Section 5 of Schedule Part 6	
	Board
Name	BRIAN CURRIE
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels as set out in Clause 4 (Effect of Review and Schedule Part 8 (Review Procedure);

Level A : No Comment
Level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D: Rejected

[redacted] 31/10/14

01	10.06.2014	INITIAL FC ISSUE		NC SJ	DW BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

ENERGY CENTRE
GROUND FLOOR PLAN

Drawing No. (Origin Zone Level Type Content Sequential) — Revision

WW-EC-00-PL-500-001 — 01

Scale @ A1: 1.100 @ A1 — Date: APR. 2014

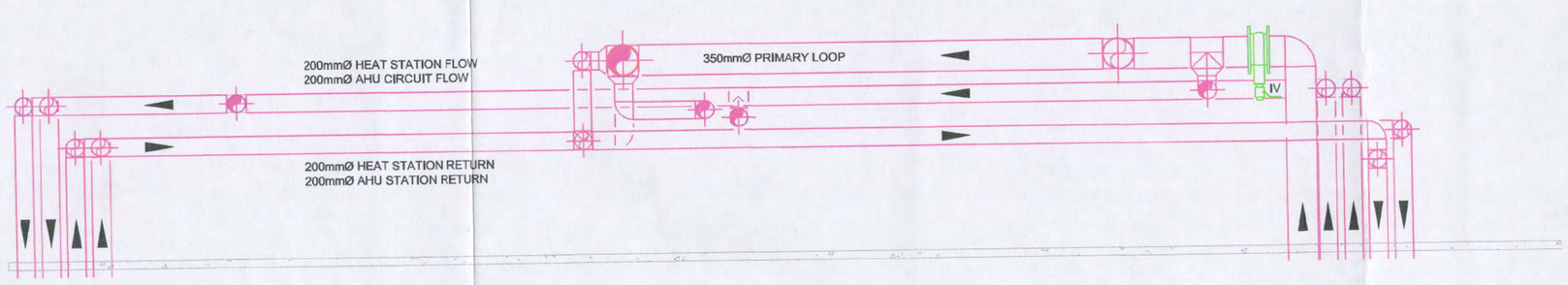
Status

FINANCIAL CLOSE

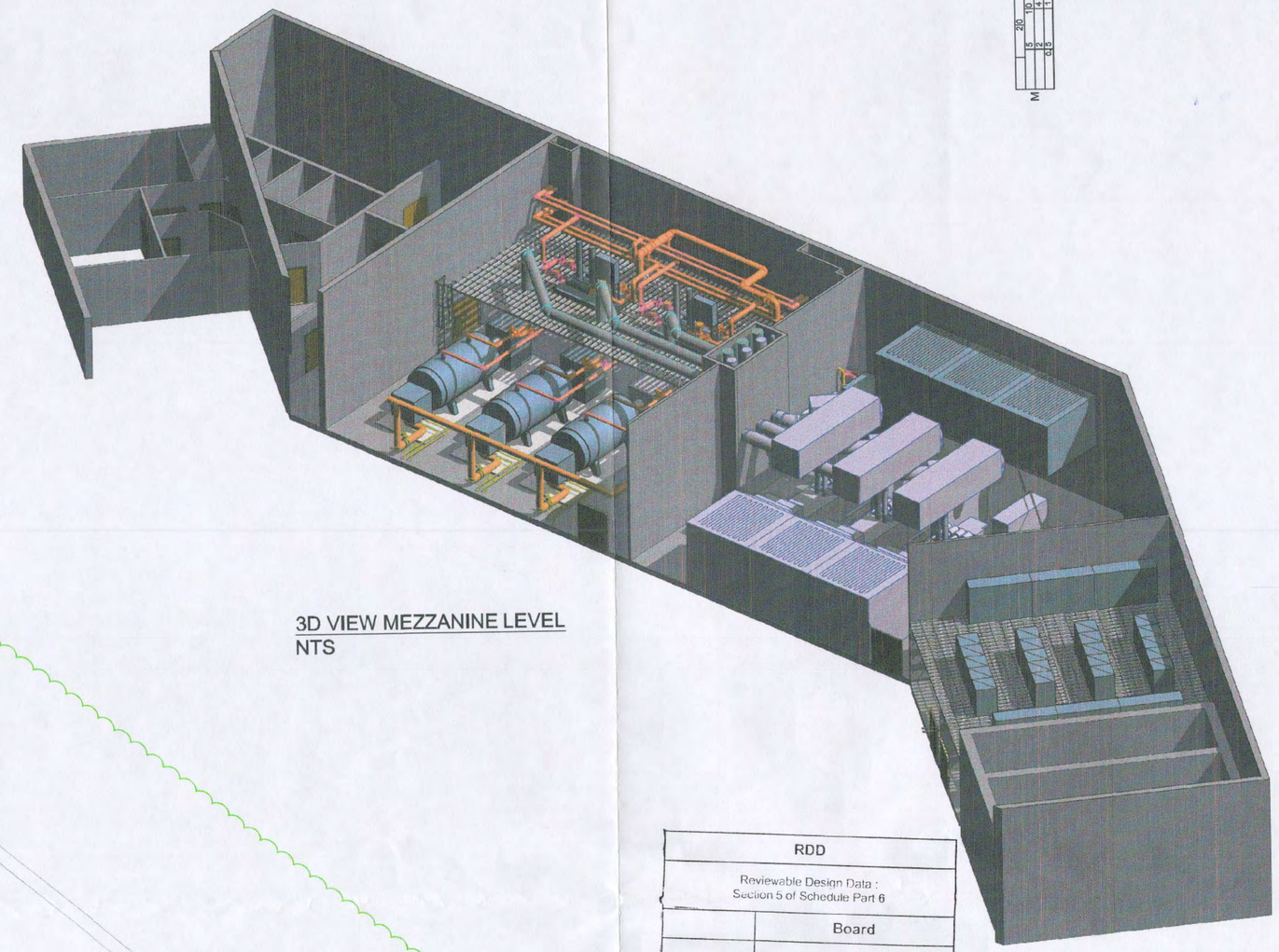
IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A42737248

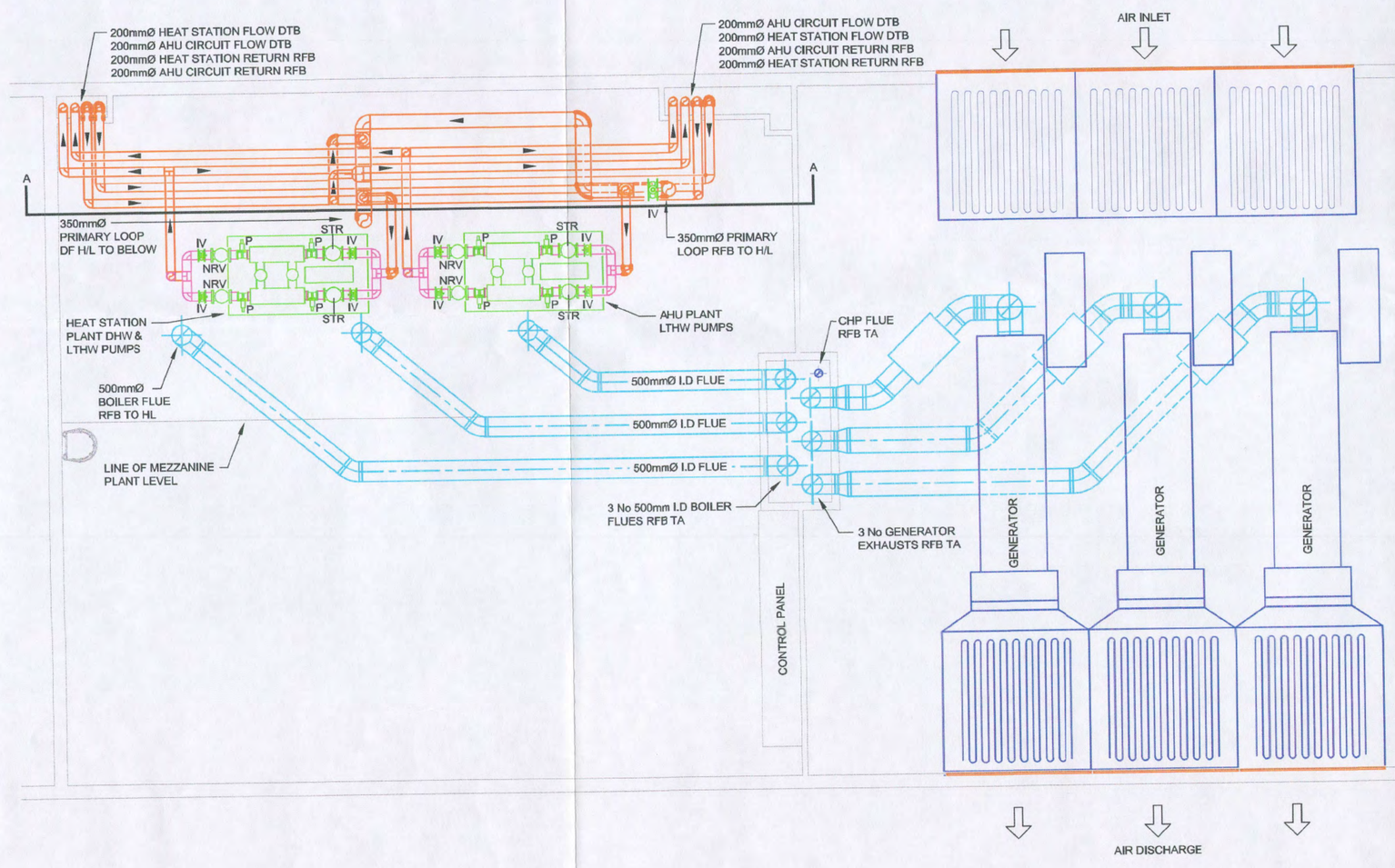
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SECTION A-A
SCALE 1:50



3D VIEW MEZZANINE LEVEL
NTS



CURRENTLY BEING REVISED TO SUIT RELOCATED FLUE & AMENDED MEZZANINE.

N

Notes

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RDD	
Reviewable Design Data : Section 5 of Schedule Part 6	
	Board
Name	BRIAN CURRIE
Date	21/10/14
Sign	[redacted]
Level	C

Comment:

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

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Level C : Subject to amendment as noted
Level D : Rejected

[redacted] 24/10/14

NOT ALL VALVES HAVE BEEN SHOWN FOR CLARITY. SEE SCHEMATIC FOR DETAILS.

M	280			400			480			600			8					1:1250
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	12		14	6				11		12		13						1:200/1:100
	9&5		11	18						9&8								1:50/1:20

01	10.06 2014	INITIAL FC ISSUE		NC SJ	DW BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

ENERGY CENTRE
MEZZANINE FLOOR PLAN

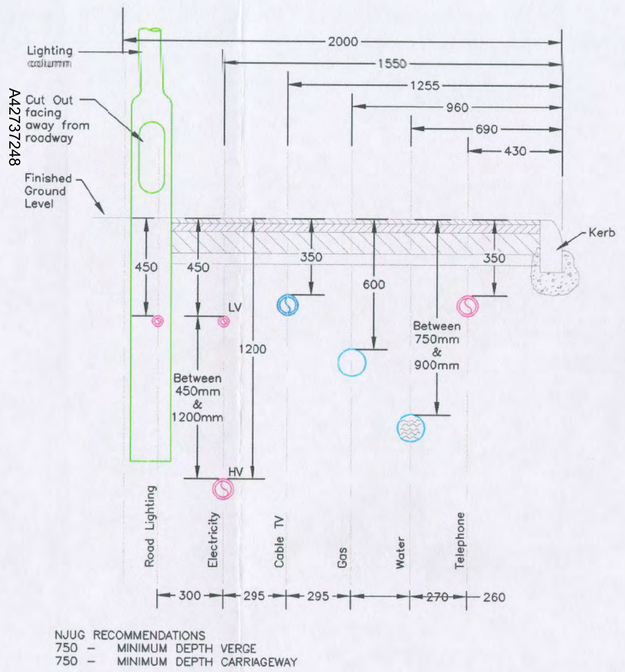
Drawing No.	Revision
Origin Zone Level Type Context Sequential	
WW-EC-01-PL-500-001	01

Scale @ A1	Date
1.100 @ A1	APR. 2014

Status

FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS



NJUG RECOMMENDATIONS
750 – MINIMUM DEPTH VERGE
750 – MINIMUM DEPTH CARRIAGEWAY

NJUG STANDARD VERGE DETAIL INDICATIVE ONLY
(CONTRACTOR SHALL BURY CABLES AS PER ADJACENT DETAILS)

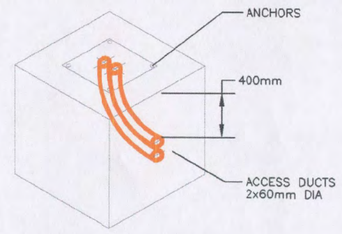
NOTES

BUILDING CORE EXTERIOR AREAS TO BE PROVIDED WITH USER LIGHTING

LEGEND

EA	LED GROUND RECESSED UPLIGHT
EB	LED LIGHT STICK LUMINAIRE
EH	UPLIGHT WITH REFLECTOR ATTACHMENT FIXED TO CANOPY STRUCTURE
ED	RECESSED DOWNLIGHTER IN CANOPY
EP	4m COLUMN WITH LED LANTERN
EF	6m COLUMN WITH LED LANTERN
EG	WALL MOUNTED FLOODLIGHT

N



TYPICAL BASE DETAIL
Not to Scale

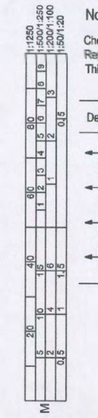
RDD	
Reviewable Design Data : Section 5 of Schedule Part 6	
	Board
Name	BRIAN CURRY
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

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Level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D : Rejected

[redacted]



Notes

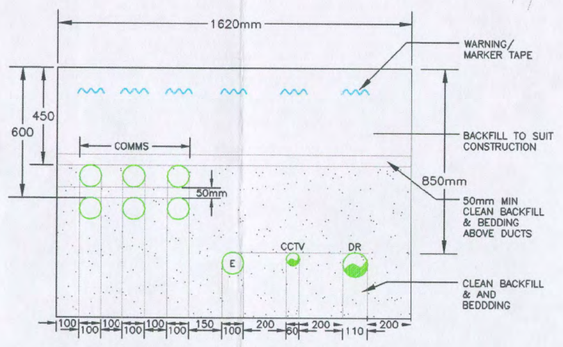
Check all dimensions on site. Do not scale from this drawing. Report any discrepancies and omissions to drawing originator. This Drawing is Copyright ©

Designer Identification of Hazard Risk

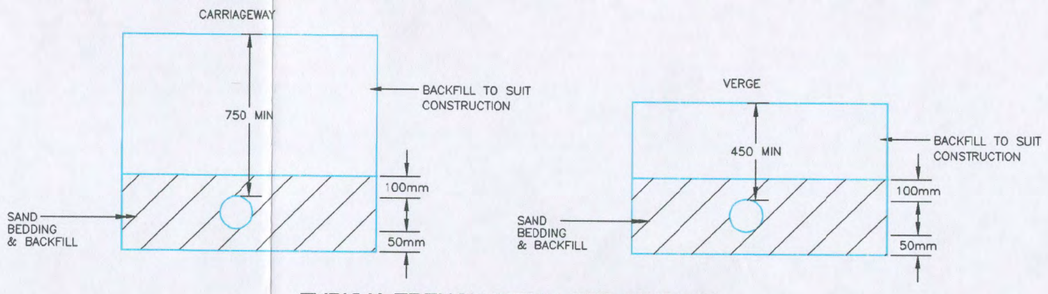
- Indicates a Residual Risk requiring a Compulsary Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

EXTERNAL SERVICES NOTES

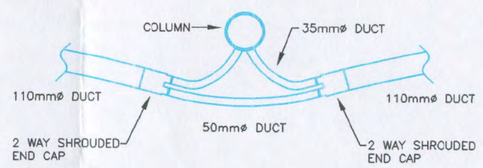
1. ALL DUCTS TO BE C/W HEAVY DUTY DRAW CORD & HAVE ENDS SEALED ON COMPLETION OF INSTALLATION TO PREVENT INGRESS OF MOISTURE & VERMIN.
2. ALL DUCTS TO HAVE SLOW RADIUS BENDS (MINIMUM OF 8 TIMES DUCT OD.
3. ALL DUCTS TO HAVE MINIMUM 600mm COVER TO TOP OF DUCT. UNLESS DETAILED OTHERWISE.
4. CIVIL ENGINEER TO DETAIL BUILDING/FOUNDATION PENETRATION DETAILS.
5. LANDSCAPE ARCHITECT TO DETAIL MANHOLE COVERS.
6. DUCTS INSTALLED IN TRAFFIC AREAS/ROAD CROSSING AREAS SHALL HAVE ADDITIONAL PROTECTION TO MEET REQUIREMENTS FOR ROAD CROSSINGS. I.e:- THEY SHALL BE LOWERED & HAUNCHED IN CONCRETE AS PER THE MANUFACTURERS & UTILITY PROVIDERS RECOMMENDATIONS. MINIMUM DEPTH 750mm TO TOP OF DUCT.
7. DUCT ARRANGEMENT AT LIGHTING COLUMNS TO BE AS PER DETAIL.
8. CCTV BASES TO BE DETAILED BY STRUCTURAL ENGINEER IN ACCORDANCE WITH MANUFACTURERS DETAILS. BASES TO INCORPORA CAST-IN ANCHORS & DUCT ACCESS. MANHOLES ARE REQUIRED ADJACENT TO CCTV BASES FOR CABLING ACCESS. (NOT SHOWN FOR CLARITY)
9. ALL DUCTS & SERVICE ROUTES TO BE IDENTIFIED WITH TAPE & MARKERS.
10. THE CONTRACTOR SHALL PRODUCE FULLY CO-ORDINATED DRAWINGS SHOWING ALL EXISTING & PROPOSED SERVICES BEFORE WORKS COMMENCE.
11. WHERE EXISTING SERVICES WILL BE EXPOSED OR POTENTIALLY DAMAGED DURING THE WORKS THE CONTRACTOR SHALL SEEK APPROVAL FROM THE RELEVANT UTILITY PROVIDER AND ALLOW FOR ADDITIONAL PROTECTION MEASURES TO ENSURE THE INTEGRITY OF THE SERVICE IS NOT COMPROMISED IN ANY WAY. WHERE DIVERSION ARE REQUIRED THE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY TO ENSURE THAT THIS IS CARRIED OUT WITH THE RELEVANT UTILITY PROVIDERS WRITTEN CONSENT. THE CONTRACTOR SHALL MANAGE AL WORKS ASSOCIATED WITH THE DIVERSIONARY WORKS.
12. MANHOLES / ACCESS CHAMBERS SHALL BE PROVIDED AT EVERY CHANGE IN DIRECTION. NOT SHOWN FOR CLARITY. MANHOLES SHOWI ARE INDICATIVE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT A SUITABLE AMOUNT OF MANHOLES / ACCESS CHAMBERS SHALL BE PROVIDED BY THE SPECIALIST CONTRACTOR.
13. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO ENSURE DUCTS AND SERVICES ARE INSTALLED AT THE CORRECT LEVELS . CONTRACTOR MUST CONFIRM FINISHED GROUND LEVEL, TO ENABLE DUCTS TO HAVE SUFFICIENT COVER.
14. THE CONTRACTOR SHALL ALLOW FOR ALL EXTERNAL MANHOLES / ACCESS CHAMBERS TO BE LOCKABLE OUTSIDE OF THE SECURE PERIMETER FENCE.
15. DUCTING ENTERING THE LIGHTING COLUMN BASE SHALL BE 35/100mm INSIDE DIAMETER PURPLE DUCT. REFER TO DUCTING DETAILS.
16. THE CONTRACTOR SHALL ALLOW FOR DUCTS TO BE INSPECTED BEFORE ANY BACKFILLING COMMENCES.
17. FINAL ROUTING OF ALL UTILITY SERVICES TO BE CO-ORDINATED FULLY WITH THE NOMINATED UTILITY SUPPLIER.



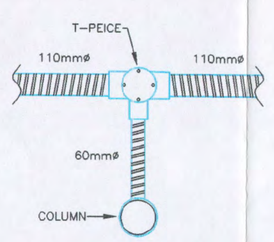
TYPICAL TRENCH DETAIL 1
Scale 1:20



TYPICAL TRENCH DETAIL FOR GENERAL ELECTRICAL DUCTS



DETAIL OF DUCT BYPASS AT BASE OF LIGHTING COLUMN (TO BE USED WHEN CABLE LOOPING-IN AND CABLE PASSING BY COLUMN)



DETAIL OF DUCT T-PIECE AT BASE OF LIGHTING COLUMN (TO BE USED WHEN CABLE LOOPING-IN TO COLUMN)

	20			40			60			80									
	15	16	18				11	12	13	14	15	16	17	18	19				
	12		14		16				12			13							
	010		11		118				610										

Revisions				
01	01.08.2014	INITIAL FC ISSUE	JB BEB	GR SJ

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

EXTERNAL LIGHTING LAYOUT

Drawing No.	Revision
WW-EW-XX-PL-716-001	01

Origin Zone Level Type Context Sequential

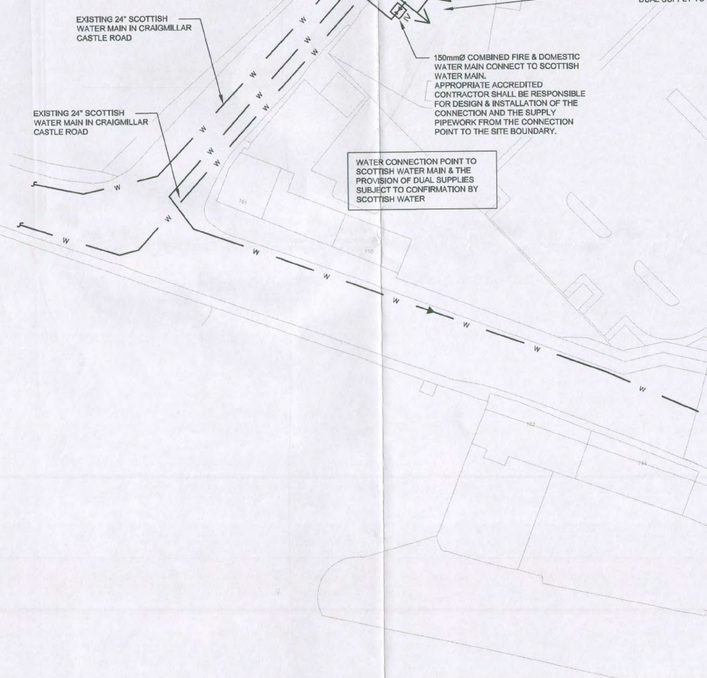
Scale @ A1	Date
1.500 @ A1	APR. 2014

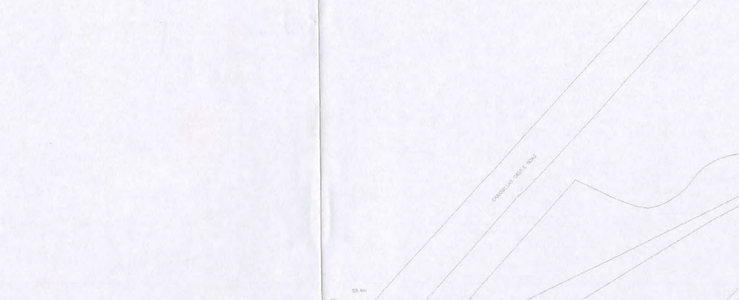
Status

FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273748





MAJOR LEAK DETECTION SYSTEM SKETCH
(Not to Scale)

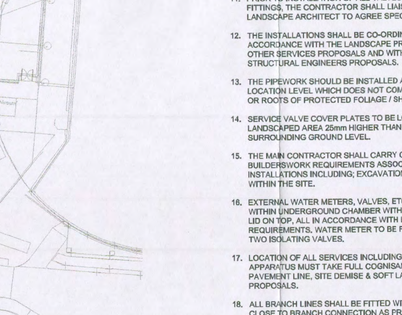
DETAIL No.1
TYPICAL FIRE & DOMESTIC MAINS ARRANGEMENT FOR NEW WATER CONNECTION
(Not to Scale)

DETAIL No.2
TYPICAL TRENCH DETAIL FOR WATER MAIN
(Not to Scale)

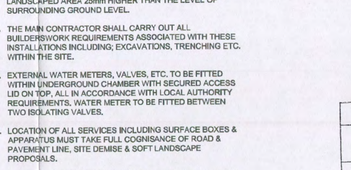
DETAIL No.3
TYPICAL ARRANGEMENT AT DOUBLE CHECK VALVE
(Not to Scale)

DETAIL No.4
TYPICAL ARRANGEMENT AT WATER METER
(Not to Scale)

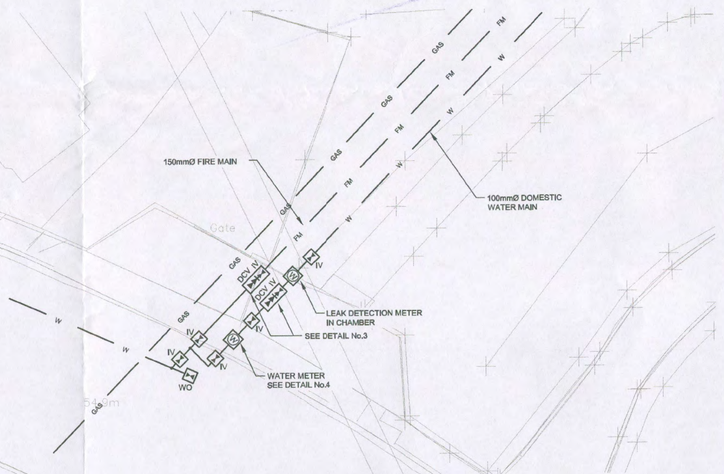
DETAIL No.7
INCOMING DOMESTIC WATER MAIN
(Not to Scale)



DETAIL No.8
INCOMING FIRE MAIN
(Not to Scale)







NEW WATER CONNECTION DETAIL
(Scale 1:200)

LEGEND

GAS	GAS MAIN	
FM	FIRE MAINS	
W	MAINS WATER	
IV	SLUICE VALVE	
DCV	DOUBLE CHECK VALVE	
SCV	SINGLE CHECK VALVE	
LDV	LEAK DETECTION VALVE	
	WATER METER	
	GAS METER & GOVENOR	
FH	FIRE HYDRANT	
SS	STAINLESS STEEL	
DI	DUCTILE IRON	
WO	WASH OUT VALVE	

GENERAL WATER MAINS NOTES

1. EXTERNAL MAINS WATER SUPPLY PIPEWORK & FITTINGS ABOVE 65mmØ SHALL BE DUCTILE IRON TO BS-EN 545 COMPLETE WITH ANCHOR GASKET FLEXIBLE JOINTS. JOINTS AT CHANGES OF DIRECTION, ON SPIGOT & SOCKET JOINTS AND FLANGE FITTINGS TO BE STANDARD BLUTOP JOINTS. ALL AS SAINT GOBAIN PIPELINES 'PAM NATURAL BLUTOP'. CONTRACTOR TO LIAISE WITH MANUFACTURER REGARDING ANCHORING OPTIONS FOR PIPELINE, SUBJECT TO SOIL INVESTIGATION REPORT/TESTS IT MAY BE NECESSARY FOR ALL JOINTS WILL BE WRAPPED IN AN IMPREGNATED MATERIAL SUCH AS 'DENSOCLAD 70' WITH A 50% OVERLAP OR AN ALTERNATIVE IN COMPLIANCE WITH WRAS INFORMATION & GUIDANCE NOTE No. 9-04-03, & IN CONSULTATION WITH THE BUILDING SERVICE ENGINEER.
2. PIPEWORK MATERIALS SUBJECT TO RESULTS OF SOIL INVESTIGATION ALONG ROUTE OF PIPEWORK.
3. EXTERNAL VALVES, HYDRANTS, etc. TO BE AS MANUFACTURED BY SAINT GOBAIN PIPELINES.
4. THE INSTALLATION SHALL COMPLY IN ALL RESPECTS WITH THE REQUIREMENTS OF BS EN 806, BS 8558, BS 9990 & BS 8308 AND THE WATER SUPPLY BYELAWS.
5. MANUFACTURERS INSTRUCTIONS SHALL BE STRICTLY ADHERED TO THROUGHOUT.
6. PRIOR TO COMMENCEMENT OF WORK, FULL INVESTIGATION MUST BE CARRIED OUT TO ESTABLISH THE LOCATION OF OTHER SERVICES.
7. LOCATION OF WATER METER TO BE AGREED WITH SCOTTISH WATER, PRIOR TO INSTALLATION, PROCEEDING ON SITE.
8. ALL HYDRANTS TO BE INSTALLED A MINIMUM OF 6m FROM BUILDING, LOCATIONS TO BE CONFIRMED BY FIRE OFFICER IN CONJUNCTION WITH THE ARCHITECT, AND BE CONFIRMED PRIOR TO INSTALLATION COMMENCING.
9. THE LEAK DETECTION SYSTEM FOR THE DOMESTIC MAINS WATER SHALL COMPRISE OF A 2 CHANNEL SYSTEM WITH CONTROL PANEL LINKED TO PULSED WATER METERS. THE SYSTEM SHALL BE PROVIDED WITH VISUAL & AUDIBLE ALARMS COMBINED WITH A SET OF VOLT FREE ALARM CONTACTS CAPABLE OF BMS MONITORING AS AQUALEAK V402 COMPLIANT WITH BREEAM HAT 02.
10. IT IS CURRENTLY PROPOSED THAT THE MAIN CONTRACTOR SHALL CARRY OUT ALL EXCAVATION AND REINSTATEMENT BUT THE CONTRACTOR SHOULD INCLUDE FOR CO-ORDINATING THE INSTALLATION AND ADVISING THE MAIN CONTRACTOR ON SPECIFIC REQUIREMENTS.
11. PRIOR TO INSTALLATION OF ALL VALVES AND TERMINAL FITTINGS, THE CONTRACTOR SHALL LIAISE WITH THE LANDSCAPE ARCHITECT TO AGREE SPECIFIC LOCATIONS.
12. THE INSTALLATIONS SHALL BE CO-ORDINATED ON SITE IN ACCORDANCE WITH THE LANDSCAPE PROPOSALS, THE OTHER SERVICES PROPOSALS AND WITH THE CIVIL / STRUCTURAL ENGINEERS PROPOSALS.
13. THE PIPEWORK SHOULD BE INSTALLED AT A SUITABLE LOCATION LEVEL WHICH DOES NOT COMPROMISE TREE PITS OR ROOTS OF PROTECTED FOLIAGE / SHRUBBERY.
14. SERVICE VALVE COVER PLATES TO BE LOCATED ON SOFT LANDSCAPED AREA 25mm HIGHER THAN THE LEVEL OF SURROUNDING GROUND LEVEL.
15. THE MAIN CONTRACTOR SHALL CARRY OUT ALL BUILDERSWORK REQUIREMENTS ASSOCIATED WITH THESE INSTALLATIONS INCLUDING, EXCAVATIONS, TRENCHING ETC. WITHIN THE SITE.
16. EXTERNAL WATER METERS, VALVES, ETC. TO BE FITTED WITHIN UNDERGROUND CHAMBER WITH SECURED ACCESS LID ON TOP, ALL IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS. WATER METER TO BE FITTED BETWEEN TWO ISOLATING VALVES.
17. LOCATION OF ALL SERVICES INCLUDING SURFACE BOXES & APPARATUS MUST TAKE FULL COGNISANCE OF ROAD & PAVEMENT LINE, SITE DEMISE & SOFT LANDSCAPE PROPOSALS.
18. ALL BRANCH LINES SHALL BE FITTED WITH STOP VALVES AS CLOSE TO BRANCH CONNECTION AS PRACTICAL.
19. LOCATION OF INCOMING WATER SUPPLIES ARE INDICATIVE & SUBJECT TO CONFIRMATION & APPROVAL.
20. LOCATION OF ALL FIRE HYDRANTS ARE SUBJECT TO CONFIRMATION THROUGH ARCHITECTS FIRE STRATEGY AND FIRE OFFICER/BUILDING CONTROL.

GENERAL NOTES FOR SLUICE VALVES

1. SURFACE BOXES SHALL CONFORM TO B.S. 534 PART 2 WHERE APPLICABLE & BE COATED IN ACCORDANCE WITH CLAUSE 8 THEREOF. HEAVY DUTY COVERS SHALL BE USED WHERE SURFACES ARE SUITABLE TO VEHICULAR TRAFFIC.
2. BRICKWORK FOR CHAMBERS SHALL BE ENGINEERING BRICKS TO B.S. 3921 CLASS 'B'. BUILT IN ENGLISH BOND CEMENT MORTAR EXCEPT WHERE OTHERWISE STATED.
3. PRECAST CONCRETE UNITS MAY BE SPECIFIED IN LIEU OF BRICKWORK CHAMBERS FOR USE WHERE TRAFFIC CONDITIONS PERMIT. THE SERVICE ENGINEERS PERMISSION MUST BE SOUGHT BEFORE THEIR USE.
4. STOP VALVES SHALL CONFORM TO B.S. 5163 (OF A CLASS SUITABLE FOR THE MAXIMUM MAINS PRESSURE). THEY SHALL BE DOUBLE FLANGED WITH C.I. FLANGED SPIGOT & SOCKET ADAPTORS FITTED AS NECESSARY.
5. THE DIMENSIONS SHOWN ARE MINIMA. THE CONTRACTOR SHALL ASCERTAIN THE REQUIREMENTS OF THE WATER AUTHORITY AND CONFORM THERETO.
6. STOP VALVES, AIR VALVES & WASHOUTS SHALL HAVE INDICATOR PLATES CONFORMING TO B.S. 5163 AS APPLICABLE.

N

Notes
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Designer Identification of Hazard Risk
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- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

RDD
Reviewable Design Data
Section 5 of Schedule Part 6

	Board
Name	BRIAN CUMMINGS
Date	23/10/17
Sign	[redacted]
Level	A
Comment:	

For Board comments refer to Part 1 (Approved RDD Item - Level A or Level B) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels as set out in Clause 5 Effect of Review and Schedule Part 8 (Review Procedure).

Level A : No Comment
Level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D : Rejected

[redacted]
30/10/17

01	01.08.2014	INITIAL FC ISSUE	MM SJ BR BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

PROPOSED SITE PLAN
GAS, MWS & FIRE MAIN SERVICES LAYOUT

Drawing No.	Revision
WW-EW-XX-PL-750-001	01

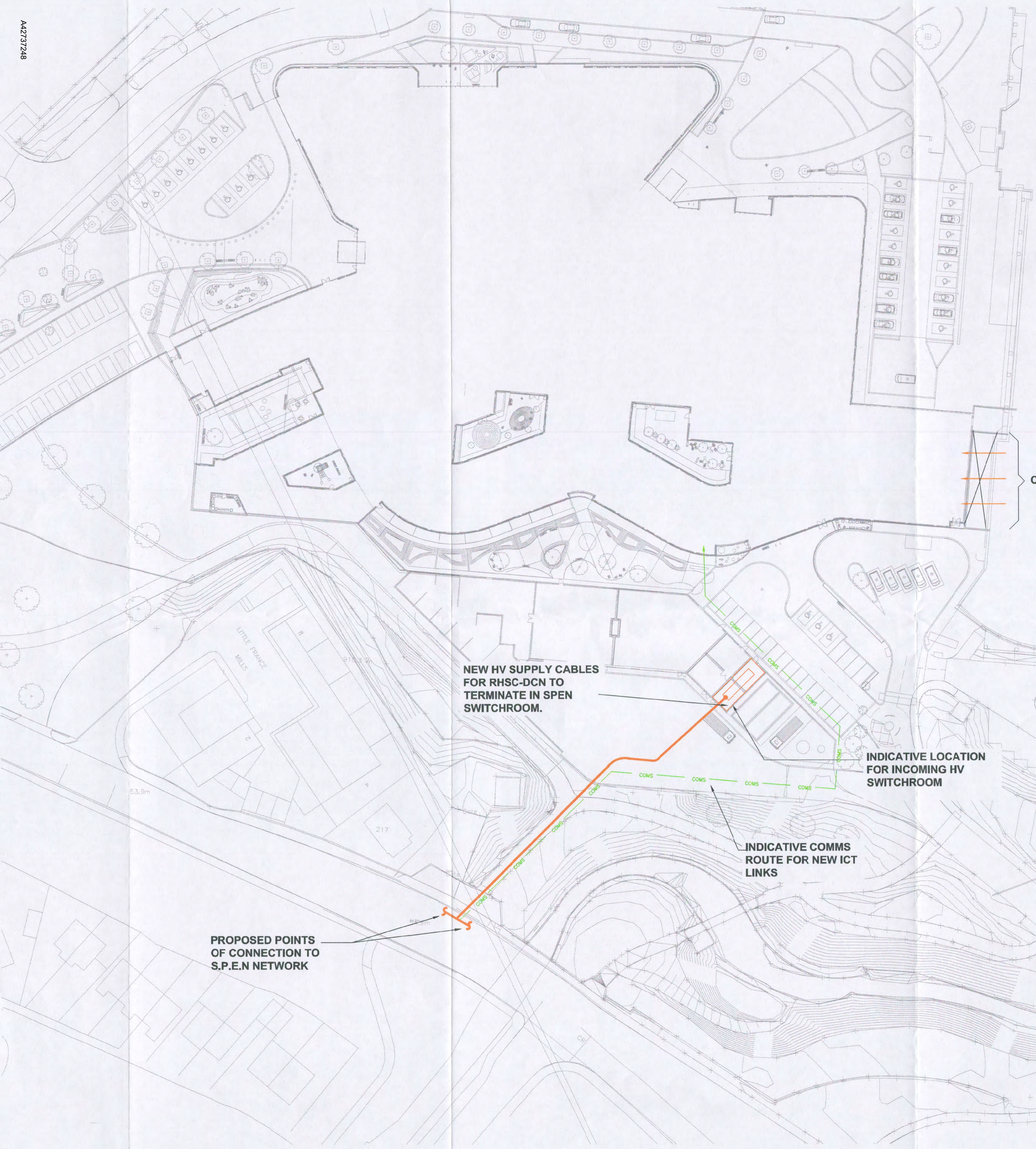
Scale @ A0: 1:500 @ A0
Date: APR. 2014

Status

FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273248



N

M 1:250 1:200 1:100 1:50 1:20

Notes

Check all dimensions on site. Do not scale from this drawing.
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Designer Identification of Hazard Risk

- Indicates a Residual Risk requiring a Compulsary Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

RDD	
Reviewable Design Data : Section 5 of Schedule Part 6	
	Board
Name	BRIAN CUCKE
Date	24/10/14
Sign	[redacted]
Level	A
Comment:	
For Board comments refer to Part 1 (Approved RDD Item - Level A or Level B) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).	
In accordance with the Levels as set out in Clause 4 Effect of Review and Schedule Part 8 (Review Procedure); Level A - No Comment Level B - Proceed subject to Amendment as noted Level C - Subject to amendment as noted Level D - Rejected	
[redacted] 30/10/14	

02	24.09 2014	FC ISSUE	JB SJ / BR DW
01	10.06 2014	INITIAL FC ISSUE	NC SJ / DW BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

PROPOSED NEW SCOTTISH POWER SUB-STATION & HIGH VOLTAGE CABLE ROUTE & COMMS ROUTING

Drawing No.	Revision
Origin Zone Level Type Context Sequential	
WW-EW-XX-755-001	02

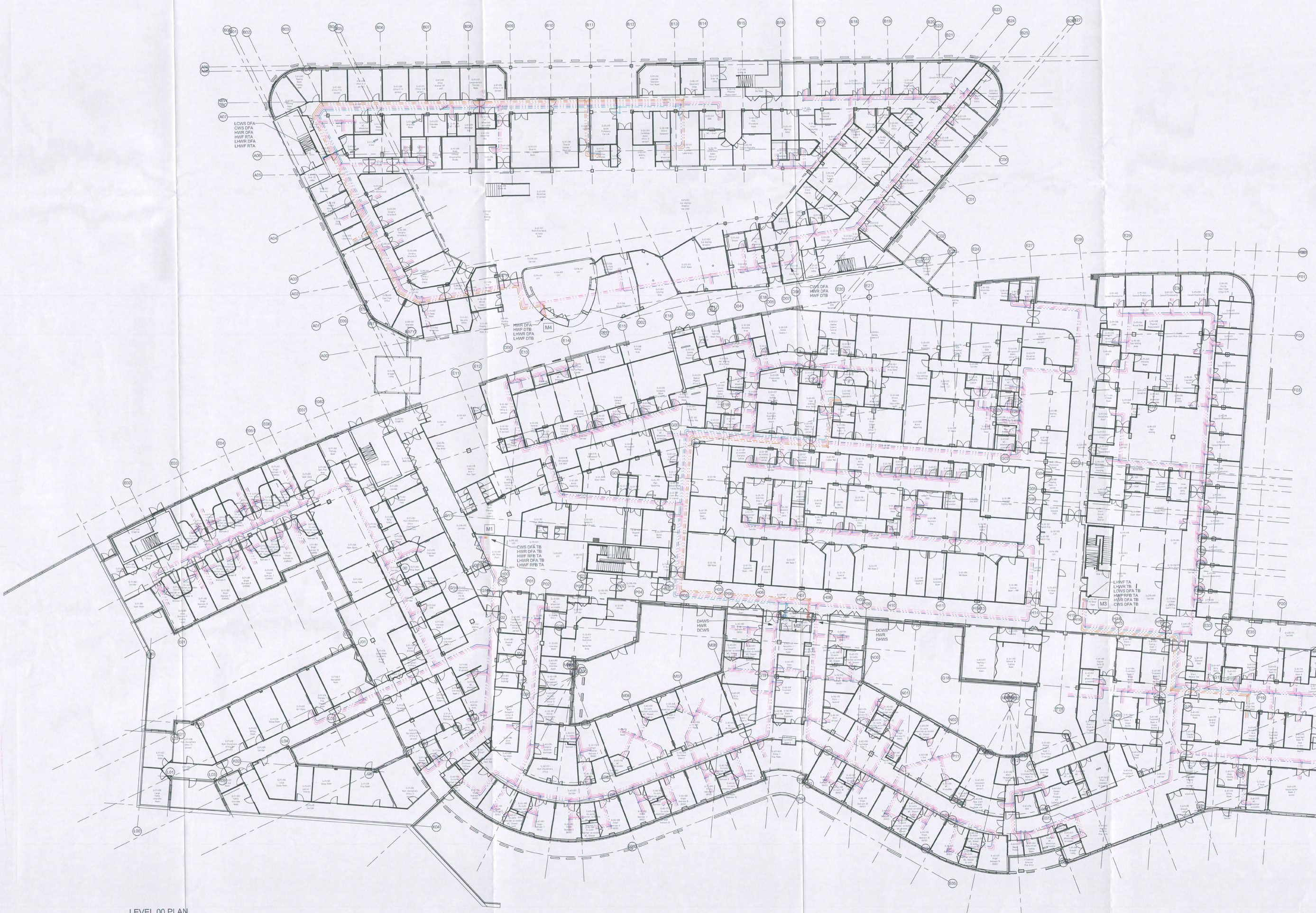
Scale @ A1	Date
1. 500@ A1	APR. 2014

Status

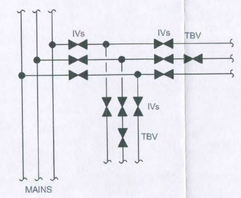
FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273748



LEVEL 00 PLAN
1 : 200



TYPICAL DETAIL SHOWING
PIPEWORK BRANCHING INTO ROOMS
NTS

N

Notes

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Designer identification of Hazard Risk

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- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

LEGEND

C/S	-	CEILING SPACE
RFB	-	RISE FROM BELOW
RTA	-	RISE TO ABOVE
DFA	-	DROP FROM ABOVE
DTB	-	DROP TO BELOW
MWS	-	MAINS WATER SUPPLY
HWS	-	HOT WATER SUPPLY
HWR	-	HOT WATER RETURN
CWF	-	COLD WATER FEED
CWS	-	COLD WATER SUPPLY
MWS	-	MAINS WATER SUPPLY
LCWS	-	LAB COLD WATER SUPPLY
LHWS	-	LAB HOT WATER SUPPLY
LHWR	-	LAB HOT WATER RETURN
TMV	-	THERMOSTATIC MIXING VALVE
DOC	-	DRAIN OFF COCK
AAV	-	AUTOMATIC AIR VALVE
AVV	-	ANTI-VACUUM VALVE
CAVSA	-	COMBINED AIR VENT & SURGE ARRESTOR
CV	-	CHECK VALVE
DCV	-	DOUBLE CHECK VALVE
DIP	-	DISINFECTION INJECTION POINT
ERV	-	EXPANSION RELIEF VALVE
IV	-	ISOLATING VALVE
LSV	-	LOCKSHIELD VALVE
NRN	-	NON RETURN VALVE
PRV	-	PRESSURE REDUCING VALVE
PTRV	-	PRESSURE AND TEMPERATURE RELIEF VALVE
RPZ	-	VERIFIABLE BACKFLOW PREVENTER WITH REDUCED PRESSURE ZONE
RV	-	THERMOSTATIC/BALANCING REGULATING VALVE
ST	-	STRAINER
SV	-	SAFETY VALVE
TS	-	TEMPERATURE SENSOR
TBV	-	THERMOSTATIC BALANCING VALVE
Y	-	TUNDISH
T	-	TEMPERATURE GAUGE
P	-	PRESSURE GAUGE
M	-	WATER METER

NOTES

1. ALL ZONE/DEPARTMENT/WARDS TO BE PROVIDED WITH ISOLATING VALVES ON HWS & CWS & LOW FLOW COMMISSIONING SET ON HWR.
2. TEMPERATURE SENSORS LINKED TO BMS TO BE PROVIDED AT END OF ALL MAIN LINES TO DEPARTMENT/WARDS & CN HWS & HWR AT CALORIFIERS. ALL AS BHTM 04-01 PART A.
3. TMV's SHALL BE PROVIDED ON HWS OUTLETS ACCESSIBLE TO PATIENTS, RESIDENTS OR VISITORS.
4. SANITARY SUPPLY SHUT-OFF SYSTEM TO BE PROVIDED TO THE COLD WATER SUPPLY SERVING WHB's, WC's & URINALS. THE SOLENOID VALVES SHALL BE CONTROLLED BY INFRA-RED PIR MOVEMENT DETECTOR.
5. PRESSURE REDUCING VALVES SHALL BE PROVIDED ON LOWER FLOORS ON HOT & COLD TERMINAL SUPPLIES AS NECESSARY DEPENDANT ON DESIGN PRESSURES.
6. EXPANSION BELLOWS, GUIDES & ANCHORS SHALL BE PROVIDED ON HOT WATER SUPPLY & RETURN PIPEWORK EXCEEDING 25m IN LENGTH. DESIGNED BY SPECIALIST CONTRACTOR.
7. AUTOMATIC COLD WATER SERVICES FLUSHING SYSTEM FOR LEGIONELLA CONTROL TO REDUCE WATER CONSUMPTION NORMALLY APPLICABLE WHERE MANUAL WATER MANAGEMENT ROUTINES SHALL BE PROVIDED AS MEMPER NHS HYGIENE SYSTEM OR EQUIVALENT.
8. PIPE SIZES TO BE DEVELOPED.

RDD	
Reviewable Design Data : Section 5 of Schedule Part 6	
	Board
Name	[redacted]
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels as set out at Clause 4 Effect of Review and Schedule Part 8 (Review Procedure):

Level A : No Comment
Level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D: Rejected

1	01/08/2014	[redacted] 14/10/14	MM BR	KMJ BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 00
WATER SERVICES
DISTRIBUTION

Drawing No.	Revision
WW-SZ-00-PL-500-001	1

Scale @ A0	Date
As indicated	JUN. 2014

Status

FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273736



N

Notes

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Designer Identification of Hazard Risk

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- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

ALL METERING LOCATIONS SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. BMS SPECIALIST TO PRODUCE FINAL DESIGN OF BMS SYSTEM.

RDD	
Reviewable Design Data : Section 5 of Schedule Part 6	
	Board
Name	BRIAN CLERIE
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels as set out in Clause 4 Effect of Review and Schedule Part 8 (Review Procedure).

Level A: No Comment
Level B: Proceed subject to Amendment as noted
Level C: Subject to amendment as noted
Level D: Rejected

[redacted]
29/10/14

01	29.09 2014	INITIAL FC ISSUE	DB KMcI JB CLM

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 00
WATER METERING DRAWING

Drawing No. — Revision

Origin | Zone | Level | Type | Classification | Number — Revision

WW-SZ-00-PL-500-002 — 01

Scale @ A0 — Date

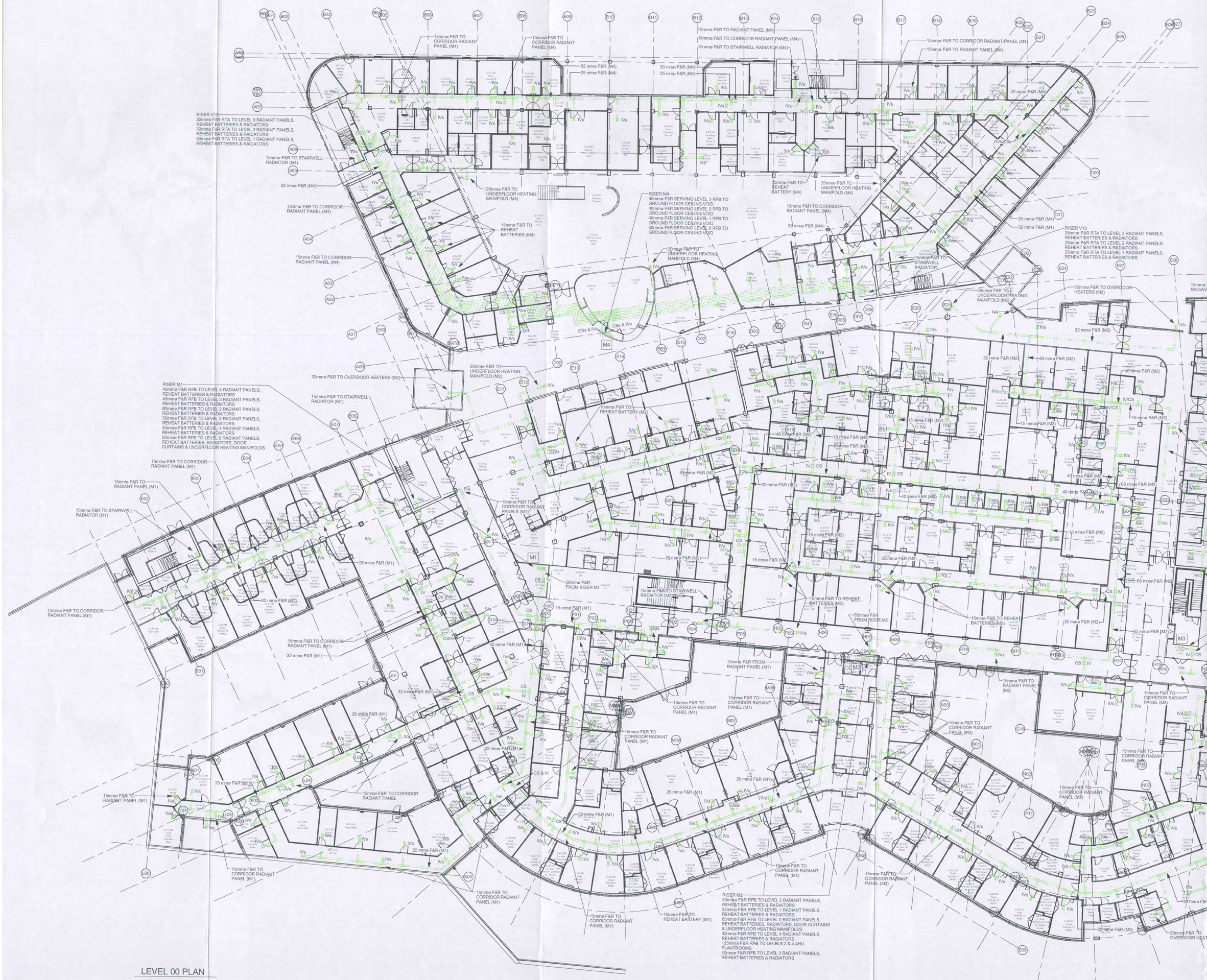
1:200 @ A0 — SEP. 2014

Status

FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273748


RISER V1
32mma F&R RTA TO LEVEL 3 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
32mma F&R RTA TO LEVEL 2 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
32mma F&R RTA TO LEVEL 1 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
15mma F&R TO STAIRWELL RADIATOR (M4)
32 mma F&R (M4)
15mma F&R TO CORRIDOR RADIANT PANEL (M4)
15mma F&R TO CORRIDOR RADIANT PANEL (M4)
30mma F&R TO OVERDOOR HEATERS (M2)
15mma F&R TO STAIRWELL RADIATOR (M1)
RISER M1
40mma F&R RFB TO LEVEL 4 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
40mma F&R RFB TO LEVEL 3 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
80mma F&R RFB TO LEVEL 2 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
32mma F&R RFB TO LEVEL 2 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
40mma F&R RFB TO LEVEL 1 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
50mma F&R RFB TO LEVEL 0 RADIANT PANELS,
REHEAT BATTERIES, RADIATORS, DOOR CURTAINS & UNDERFLOOR HEATING MANIFOLDS
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
15mma F&R TO RADIANT PANEL (M1)
15mma F&R TO STAIRWELL RADIATOR (M1)
25 mma F&R (M1)
20 mma F&R (M1)
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
32 mma F&R (M1)
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
32 mma F&R (M1)
25 mma F&R (M1)
20 mma F&R (M1)
15mma F&R TO RADIANT PANEL (M1)
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
20 mma F&R (M1)
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
15mma F&R TO REHEAT BATTERY (M1)
RISER M2
40mma F&R RFB TO LEVEL 2 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
32mma F&R RFB TO LEVEL 1 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
65mma F&R RFB TO LEVEL 0 RADIANT PANELS,
REHEAT BATTERIES, RADIATORS, DOOR CURTAINS & UNDERFLOOR HEATING MANIFOLDS
50mma F&R RFB TO LEVEL 4 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
125mma F&R FROM TO LEVELS 2 & 4 AHU PLANTROOMS
40mma F&R RFB TO LEVEL 3 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
50mm F&R FROM RISER M1
15mma F&R TO STAIRWELL RADIATOR (M1)
15 mma F&R (M1)
15mma F&R TO CORRIDOR RADIANT PANELS (M1)
50mma F&R FROM RISER M2
15mma F&R FROM RADIANT PANEL (M1)
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
15mma F&R TO CORRIDOR RADIANT PANEL
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
15mma F&R TO CORRIDOR RADIANT PANEL (M1)
15mma F&R TO REHEAT BATTERY (M1)
15mma F&R TO REHEAT BATTERY (M2)
15mma F&R TO REHEAT BATTERIES (M4)
15mma F&R TO REHEAT BATTERY (M4)
15mma F&R TO REHEAT BATTERIES (M2)
15mma F&R TO CORRIDOR RADIANT PANEL (M4)
15mma F&R TO CORRIDOR RADIANT PANEL (M4)
15mma F&R TO CORRIDOR RADIANT PANEL (M4)
15mma F&R TO RADIANT PANEL (M4)
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15mma F&R TO RADIANT PANEL (M4)
15mma F&R TO CORRIDOR RADIANT PANEL (M4)
15mma F&R TO STAIRWELL RADIATOR (M4)
15mma F&R TO CORRIDOR RADIANT PANEL (M3)
15mma F&R TO CORRIDOR RADIANT PANEL (M3)
15mma F&R TO STAIRWELL RADIATOR (M3)
15mma F&R TO CORRIDOR RADIANT PANEL (M3)
15mma F&R TO CORRIDOR RADIANT PANEL (M3)
15mma F&R TO CORRIDOR RADIANT PANEL (M3)
15mma F&R TO CORRIDOR RADIANT PANEL (M3)
15mma F&R TO REHEAT BATTERY (M3)
15mma F&R TO CORRIDOR RADIANT PANEL (M3)
15mma F&R TO RADIANT PANEL (M3)
RISER M3
20mma F&R RFB TO LEVEL 4 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
40mma F&R RFB TO LEVEL 3 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
100mma F&R RFB TO LEVEL 2 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
20mma F&R RFB TO LEVEL 2 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
30mma F&R RFB TO LEVEL 1 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
50mma F&R RFB TO LEVEL 0 RADIANT PANELS,
REHEAT BATTERIES, RADIATORS, DOOR CURTAINS & UNDERFLOOR HEATING MANIFOLDS
50mma F&R FROM RISER M3
25 mma F&R (M3)
25 mma F&R (M3)
15 mma F&R (M3)
20 mma F&R (M3)
20 mma F&R (M3)
40 mma F&R (M3)
20 mma F&R (M3)
32 mma F&R (M3)
15mma F&R TO RADIANT PANEL (M3)
20mma F&R TO OVERDOOR HEATER (M3)
RISER V3
25mma F&R RTA TO LEVEL 3 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
25mma F&R RTA TO LEVEL 2 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
25mma F&R RTA TO LEVEL 1 RADIANT PANELS,
REHEAT BATTERIES & RADIATORS
25 mma F&R (M4)
32 mma F&R (M4)
15mma F&R TO STAIRWELL RADIATOR
20mma F&R TO UNDERFLOOR HEATING MANIFOLD (M2)
32mma F&R TO OVERDOOR HEATERS (M2)
32 mma F&R (M2)
40 mma F&R (M2)
40 mma F&R (M2)
15 mma F&R (M2)
15 mma F&R (M2)
15

A4273736

N

Notes

Check all dimensions on site. Do not scale from this drawing.
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Designer Identification of Hazard Risk

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- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
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ALL METERING LOCATIONS SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. BMS SPECIALIST TO PRODUCE FINAL DESIGN OF BMS SYSTEM.

ZONE 4
HEATING DISTRIBUTION METER LOCATION (GZ4/1)

ZONE 1
HEATING DISTRIBUTION METER LOCATION (GZ1/1)

ZONE 2
HEATING DISTRIBUTION METER LOCATION (GZ2/1)

ZONE 3
HEATING DISTRIBUTION METER LOCATION (GZ3/1)

SOUTH ELEVATION

RDD

Reviewable Design Data :
Section 5 of Schedule Part 6

	Board
Name	BRIAN CALLIE
Date	21/10/14
Sign	[redacted]
Level	C

Comment:

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels as set out in Clause 4 Part 1 of Review and Schedule Part 8 (Review Procedure).

Level A: No Comment
Level B: Proceed subject to Amendment as noted
Level C: Subject to re-submission as noted

[redacted]
30/10/14

No	Date	Description	By	Ch
01	20.06.2014	INITIAL FC ISSUE	DB	KMc

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 00
HEATING METERING DRAWING

Drawing No. — Revision

Origin | Zone | Level | Type | Number | Sequential

WW-SZ-00-PL-521-002 — 01

Scale @ A0 — Date

1:200 @ A0 — SEP. 2014

Status

FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

| M | 200 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3200 | 3400 | 3600 | 3800 | 4000 |



WORK IN PROGRESS

1	01/08/14	FC ISSUE	JG/ BR/ EE/

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 00
VENTILATION DISTRIBUTION

Drawing No.					Revision
Title	Zone	Floor	Origin	Volume	
WW-SZ-00-PL-524-001					1

Scale @ A0 Date

As indicated JUN. 2014

Status

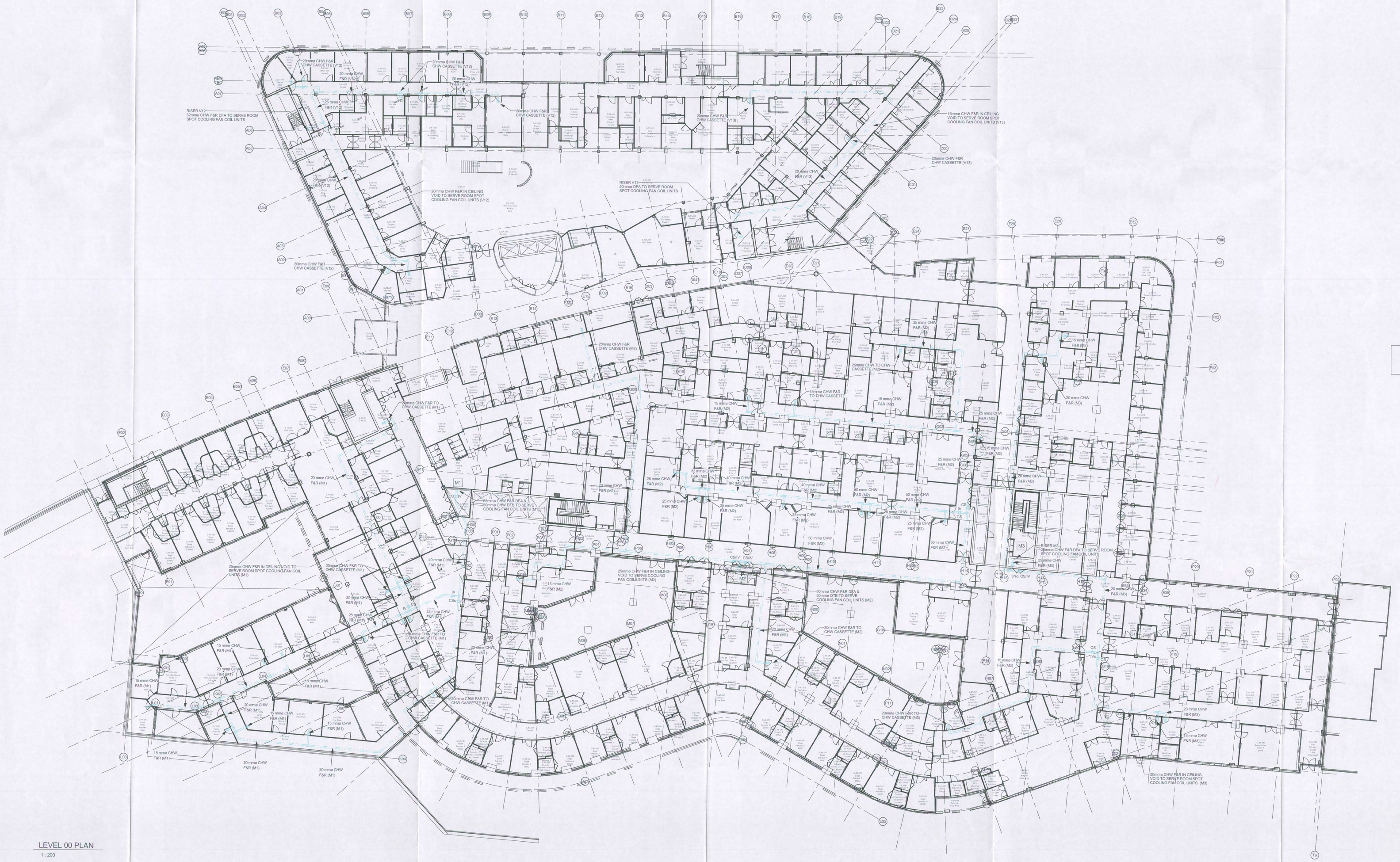
FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A1270524

| | | | | |

A4273748



LEVEL 00 PLAN

1 : 200

N

Notes

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Designer Identification of Hazard Risk

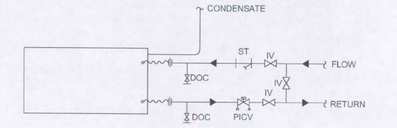
- Indicates a Residual Risk requiring a Compulsary Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

LEGEND

- - - - -	-	PIPEWORK IN CEILING VOID
———	-	PIPEWORK AT HIGH LEVEL
———	-	PIPEWORK AT LOW LEVEL
— — —	-	PIPEWORK UNDERNEATH/BELOW FLOOR
CV	-	CEILING VOID
RTA	-	RISE TO ABOVE
DFA	-	DROP FROM ABOVE
F&R	-	FLOW & RETURN
DOC	-	DRAIN OFF COCK
LVL	-	LOW LEVEL
HVL	-	HIGH LEVEL
DTLVL	-	DROP TO LOW LEVEL
RTHL	-	RISE TO HIGH LEVEL
IV	-	ISOLATING VALVE
CS	-	COMMISSIONING SET
CT	-	CONSTANT TEMPERATURE
ST	-	STRAINER
AAV	-	AUTOMATIC AIR VENT
DRV	-	DOUBLE REGULATING VALVE
3PMV	-	3 PORT MOTORISED VALVE
2PMV	-	2 PORT MOTORISED VALVE
TP	-	TEST POINT
FC	-	FLEXIBLE CONNECTION
(M/V)	-	DENOTES ASSOCIATED PIPEWORK RISER
PICV	-	PRESSURE INDEPENDANT CONTROL VALVE AND AUTOMATIC BALANCING VALVE WITH TAPPING POINTS
F&R	-	FLOW & RETURN

NOTES

1. CHILLED WATER TEMPERATURES TO BE 6°C FLOW & 12°C RETURN.
2. AUTOMATIC AIR VENTS TO BE FITTED AT ALL HIGH POINTS IN THE SYSTEM & DRAIN OFF COCKS AT ALL LOW POINTS IN THE SYSTEM.
3. ALL WORKS & COMMISSIONING TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION.
4. PROPOSED WORKS HAVE BEEN DESIGNED TAKING COGNISANCE OF THE EFFICIENCY REQUIREMENTS OF SECTION 6 OF THE TECHNICAL STANDARDS.
5. CONTRACTOR TO MAKE ADEQUATE PROVISION FOR EXPANSION & CONTRACTION OF HEATING PIPEWORK.
6. ALL VALVED CONNECTIONS SHOWN SERVE COOLING ONLY CHILLED WATER CASSETTE UNITS UNLESS OTHERWISE STATED.



PIPEWORK ARRANGEMENT AT CHILLED WATER CASSETTE UNITS

(Not to Scale)

RDD	
Reviewable Design Data : Section 5 of Schedule Part 8	
	Board
Name	BRIAN CURRIE
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels as set out in Clause 4 Effect of Review and Schedule Part 8 (Review Procedure),

Level A : No Comment
Level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D : Rejected

[redacted] 31/10/14.

1	01/08/2014	FC ISSUE	MM/BR	KM/BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 00
COOLING DISTRIBUTION

Drawing No.						Revision
Orgn	Dept	Loca	Type	Format	Sequence	
WW-SZ-00-PL-525-001						1

Scale @ A0: As indicated

Date: JUN. 2014

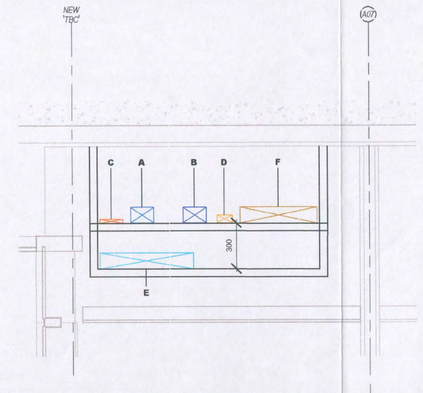
Status: FINANCIAL CLOSE

IHS LOTHIAN INTEGRATED HEALTH SOLUTIONS

A4273748



LEVEL 00 PLAN
1 : 200



TYPICAL SECTION THROUGH CORRIDOR
SCALE 1:20

N

Notes

Check all dimensions on site. Do not scale from this drawing.
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- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

LEGEND

- G - 75x75mm LV TRUNKING FOR CATEGORY 2 CIRCUITS
- A - 150x100mm LIGHTING & SMALL POWER TRUNKING
- B - 150x100mm LIGHTING & SMALL POWER TRUNKING
- C - 150x25mm FIRE ALARM TRAY
- D - 100x50mm BMS/KKNURSE CALL BASKET
- E - 600x105mm LOW VOLTAGE BASKET
- F - 500x105mm DATA/COMMS BASKET
- H - 225x50mm HV TRAY
- OS - OFFSET
- RTA - RISE TO ABOVE
- RFB - RISE FROM BELOW
- ICT - IT SERVER LOCATION

NOTES

1. THE EXACT LOCATION OF ALL CONTAINMENT ROUTES TO TAKE ACCOUNT OF STRUCTURE, FINISHES AND OTHER SERVICES.
2. CABLE TRAY INSTALLED TO CARRY SUB MAINS CABLES TO LINK WITH TRAY RISERS IN ELECTRICAL CUPBOARD.
3. ALL CONTAINMENT SYSTEMS TO BE EARTHED AND INSTALLED IN ACCORDANCE WITH BS.7671 AND THE MANUFACTURERS RECOMMENDATIONS.
4. ALL BENDS & JOINTS SHALL BE PRE-MANUFACTURED.
5. FINAL CONTAINMENT ROUTES TO BE AGREED ON SITE.
6. ONLY MAIN CONTAINMENT SHOWN. CONTRACTOR TO INSTALL LOCAL CONTAINMENT AS NECESSARY.
7. CONTRACTOR TO CO-ORDINATE CONTAINMENT WITH MECHANICAL SERVICES.
8. THE CONTRACTOR SHALL FIRESTOP CONTAINMENT AT FIRE BARRIERS AND RISERS.
9. REFER TO CO-ORDINATION DRAWINGS FOR TYPICAL SECTIONS.

RDD	
Reviewable Design Data : Section 5 of Schedule Part 6	
	Board
Name	Brian Currie
Date	24/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Level(s) as set out in Clause 4 Effect of Review and Schedule Part 8 (Review Procedure);

Level A : No Comment
Level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D : Rejected

[redacted]
30/10/14

T	01/08 FC ISSUE	GRV	KMU
	2014	JB	BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 00
POWER PLANT &
CONTAINMENT ROUTES

Drawing No. (Orig. / Area / Level / Type / Consec / Sequence)	Revision
WW-SZ-00-PL-533-001	1

Scale @ A0: As indicated
Date: JUN. 2014

Status: FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273748



N

Notes

Check all dimensions on site. Do not scale from this drawing. Report any discrepancies and omissions to drawing originator. This Drawing is Copyright ©

Designer Identification of Hazard Risk

- Indicates a Residual Risk requiring a Compulsory Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

RDD

Revenue to Design Data
Section 5 of Schedule Part 6

	Board
Name	BRIAN CARLE
Date	21/10/14
Sign	[redacted]
Level	C

Comment:

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

To accordance with the Levels as set out in Clause 4 (Form of Review and Schedule Part 8 (Review Procedure).

Level A: Not Commenced
Level B: Approved subject to Amendment as noted
Level C: Not Level B while NOT Level D
Level D: As agreed

[redacted]

30/10/14

01	29.09.2014	INITIAL FC ISSUE	DB / KMG CLN

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 00
POWER METERING

Drawing No.						Revision
Origin	Zone	Level	Type	Centre	Sequential	
WW-	SZ-	00-	PL-	533-	002	01

Scale @ A0: 1:200 @ A0

Date: SEP. 2014

Status: FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273748



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Notes

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Designer Identification of Hazard Risk

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- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

FOR NOTES, LEGEND & DETAILS REFER TO DRG Nos WW-Z2-XX-SC-572-001 & WW-Z3-XX-SC-572-001

	RDD
	Reviewable Design Data (Section 3 of Schedule Part 6)
	Board
Name	[redacted]
Date	23/10/14
Sign	[redacted]
Level	C

Comment:

For Board comments refer to Part 2 (Non-Approved RDD items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels as set out in Clause 4 Effect of Review and Schedule Part 8 (Review Procedure);

Level A : No Comment
Level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D : Rejected

[redacted]
30/10/14

01	10.06.2014	INITIAL FC ISSUE	NC	DW
			SJ	BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 00
DRY RISER LAYOUT

Drawing No.

Orig	Zone	Level	Type	Number	Sequential
WW-	SZ-	00-	PL-	572-001	

Revision 01

Scale @ A0: 1.200 @ A0

Date: MAY. 2014

Status: FINANCIAL CLOSE

IHS LOTHIAN INTEGRATED HEALTH SOLUTIONS

A4273748

N

Notes

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Designer Identification of Hazard Risk

- Indicates a Residual Risk requiring a Compulsory Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

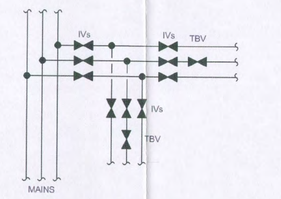


A4273748



LEVEL 01 PLAN

1 : 200



TYPICAL DETAIL SHOWING
PIPEWORK BRANCHING INTO ROOMS

NTS

N

Notes

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Report any discrepancies and omissions to drawing originator.
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Designer Identification of Hazard Risk

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- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

LEGEND

C/S	-	CEILING SPACE
RFB	-	RISE FROM BELOW
RTA	-	RISE TO ABOVE
DFA	-	DROP FROM ABOVE
DTB	-	DROP TO BELOW
MWS	-	MAINS WATER SUPPLY
HWS	-	HOT WATER SUPPLY
HWR	-	HOT WATER RETURN
CWF	-	COLD WATER FEED
CWS	-	COLD WATER SUPPLY
MWS	-	MAINS WATER SUPPLY
LCWS	-	LAB COLD WATER SUPPLY
LHWS	-	LAB HOT WATER SUPPLY
LHWR	-	LAB HOT WATER RETURN
TMV	-	THERMOSTATIC MIXING VALVE
DOC	-	DRAIN OFF COCK
AAV	-	AUTOMATIC AIR VALVE
AVV	-	ANTI-VACUUM VALVE
CAVSA	-	COMBINED AIR VENT & SURGE ARRESTOR
CV	-	CHECK VALVE
DCV	-	DOUBLE CHECK VALVE
DIP	-	DISINFECTION INJECTION POINT
ERV	-	EXPANSION RELIEF VALVE
IV	-	ISOLATING VALVE
LSV	-	LOCKSHIELD VALVE
NRV	-	NON RETURN VALVE
PRV	-	PRESSURE REDUCING VALVE
PTRV	-	PRESSURE AND TEMPERATURE RELIEF VALVE
RPZ	-	VERIFIABLE BACKFLOW PREVENTER WITH REDUCED PRESSURE ZONE
RV	-	THERMOSTATIC/BALANCING REGULATING VALVE
ST	-	STRAINER
SV	-	SAFETY VALVE
TS	-	TEMPERATURE SENSOR
TBV	-	THERMOSTATIC BALANCING VALVE
Y	-	TUNDISH
T	-	TEMPERATURE GAUGE
P	-	PRESSURE GAUGE
WM	-	WATER METER

NOTES

1. ALL ZONE/DEPARTMENT/WARDS TO BE PROVIDED WITH ISOLATING VALVES ON HWS & CWS & LOW FLOW DOMESTIC SHOWERS ON HWS.
2. TEMPERATURE SENSORS LINKED TO BMS TO BE PROVIDED AT END OF ALL MAIN LINES TO DEPARTMENT/WARDS & ON HWS & HWR AT CALORIFIERS. ALL AS SHTM 04-01 PART A.
3. TMVs SHALL BE PROVIDED ON HWS OUTLETS ACCESSIBLE TO PATIENTS, RESIDENTS OR VISITORS.
4. SANITARY SUPPLY SHUT-OFF SYSTEM TO BE PROVIDED TO THE COLD WATER SUPPLY SERVING WHB's, WC's & URINALS. THE SOLENOID VALVES SHALL BE CONTROLLED BY INFRA-RED PIR MOVEMENT DETECTOR.
5. PRESSURE REDUCING VALVES SHALL BE PROVIDED ON LOWER FLOORS ON HOT & COLD TERMINAL SUPPLIES AS NECESSARY DEPENDANT ON DESIGN PRESSURES.
6. EXPANSION BELLOWS, GUIDES & ANCHORS SHALL BE PROVIDED ON HOT WATER SUPPLY & RETURN PIPEWORK EXCEEDING 35m IN LENGTH. DESIGNED BY SPECIALIST CONTRACTOR.
7. AUTOMATIC COLD WATER SERVICES FLUSHING SYSTEM FOR LEGIONELLA CONTROL TO REDUCE WATER CONSUMPTION NORMALLY APPLIED THROUGH MANUAL WATER MANAGEMENT ROUTINES SHALL BE PROVIDED AS KEMPER KHS HYGIENE SYSTEM OR EQUIVALENT.
8. PIPE SIZES TO BE DEVELOPED.

	RDD
	Reviewable Design Data Section 5 of Schedule Part 6
	Board
Name	BRIAN GILLIE
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels as set out in Clause 4 Effect of Review and Schedule Part 8 (Review Procedure);

Level A : No Comment
Level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D: Rejected

1	01/05/2014	[redacted]	MM/ BR / KMc/ BEB

Revisions

Project [redacted] 16/10/14

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 01
WATER SERVICES
DISTRIBUTION

Drawing No.	Revision
WW-SZ-01-PL-500-001	1

Scale @ A0: As indicated

Date: JUN. 2014

Status: FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273748



ALL METERING LOCATIONS AND BMS LINKS SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. BMS SPECIALIST TO PRODUCE FINAL DESIGN OF BMS SYSTEM.

N

Notes

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Designer Identification of Hazard Risk

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- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

RDD	
Reviewable Design Data Section 5 of Schedule Part 6	
	Board
Name	Brian Carrie
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels, as set out in Clause 4 (Effect of Review and Schedule Part 8 (Review Procedure);

Level A - No Comment
Level B - Proceed subject to Amendments as noted
Level C - Subject to amendment as noted
Level D - Rejected

[redacted]

Jan 2015

01	29.09.2014	INITIAL FC ISSUE	DB KMd

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 01
WATER METERING DRAWING

Drawing No. — Revision

WW-SZ-01-PL-500-002 — 01

Scale @ A0 — Date

1:200 @ A0 — SEP. 2014

Status

FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

| | | |

A4273748


15mme F&R TO CORRIDOR RADIANT PANELS (V13)
15mme F&R TO REHEAT BATTERIES (V12)
15mme F&R TO RADIANT PANELS (V13)
15mme F&R TO CORRIDOR RADIANT PANELS (V13)
15mme F&R TO STAIRWELL RADIATOR (V1)
15mme F&R TO CORRIDOR RADIANT PANELS (V13)
RISER V12
32mme F&R RFB TO LEVEL 3 RADIANT PANELS, REHEAT BATTERIES & RADIATORS
32mme F&R RFB TO LEVEL 2 RADIANT PANELS, REHEAT BATTERIES & RADIATORS
32mme F&R RFB TO LEVEL 1 RADIANT PANELS, REHEAT BATTERIES & RADIATORS
15mme F&R TO STAIRWELL RADIATOR (V12)
15mme F&R TO CORRIDOR RADIANT PANELS (V12)
15mme F&R TO REHEAT BATTERIES (V12)
15mme F&R TO RADIANT PANELS (V12)
RISER V13
25mme F&R RFB TO LEVEL 3 RADIANT PANELS, REHEAT BATTERIES & RADIATORS
25mme F&R RFB TO LEVEL 2 RADIANT PANELS, REHEAT BATTERIES & RADIATORS
25mme F&R RFB TO LEVEL 1 RADIANT PANELS, REHEAT BATTERIES & RADIATORS
15mme F&R TO CORRIDOR RADIANT PANEL (V13)
15mme F&R TO STAIRWELL RADIATOR (V13)
15mme F&R TO CORRIDOR RADIANT PANELS (V13)
15mme F&R TO RADIANT PANEL (M3)
15mme F&R TO STAIRWELL RADIATOR (M1)
15mme F&R TO CORRIDOR RADIANT PANEL (M1)
15mme F&R TO REHEAT BATTERY (M1)
15mme F&R TO CORRIDOR RADIANT PANELS (M2)
15mme F&R TO RADIANT PANELS (M2)
15mme F&R TO CORRIDOR RADIANT PANEL (M2)
15mme F&R TO STAIRWELL RADIATOR (M2)
15mme F&R TO RADIANT PANELS (M1)
15mme F&R TO CORRIDOR RADIANT PANELS (M1)
15mme F&R TO REHEAT BATTERY (M1)
15mme F&R TO CORRIDOR RADIANT PANELS (M1)
15mme F&R TO REHEAT BATTERY (M1)
15mme F&R TO CORRIDOR RADIANT PANELS (M1)
15mme F&R TO REHEAT BATTERIES (M1)
15mme F&R TO CEILING RADIANT PANELS (M1)
15mme F&R TO CORRIDOR RADIANT PANELS (M1)
15mme F&R TO CORRIDOR RADIANT PANELS (M3)
15mme F&R TO CORRIDOR RADIANT PANEL (M3)
15mme F&R TO CORRIDOR RADIANT PANEL (M3)
15mme F&R TO CORRIDOR RADIANT PANELS (M3)
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15mme F&R TO RADIANT PANEL (M3)
15mme F&R TO CORRIDOR RADIANT PANELS (M3)
15mme F&R TO RADIANT PANELS

A4273736

N

Notes

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Designer Identification of Hazard Risk

- Indicates a Residual Risk requiring a Compulsory Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

ZONE 4
HEATING DISTRIBUTION METER LOCATION (1/Z4/1)

ZONE 1
HEATING DISTRIBUTION METER LOCATION (1/Z1/1)

ZONE 2
HEATING DISTRIBUTION METER LOCATION (1/Z2/1)

ZONE 2
HEATING DISTRIBUTION METER LOCATION (1/Z3/1)

ALL METERING LOCATIONS AND BMS LINKS SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. BMS SPECIALIST TO PRODUCE FINAL DESIGN OF BMS SYSTEM.

RDD	
Reviewable Design Data : Section 5 of Schedule Part 6	
	Board
Name	BRIAN CURRIE
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the levels as set out in Clause 4 Effect of Review and Schedule Part 8 (Review Procedure);

Level A : No Comment
Level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D : [redacted]

[redacted] 21/10/14

01	29.09.2014	INITIAL FC ISSUE	DB / JB KMc CLH

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 01
HEATING METERING DRAWING

Drawing No. — Revision

Origin	Zone	Level	Type	Geotype	Sequential	
WW	SZ	01	PL	521	002	01

Scale @ A0: 1:200 @ A0 — Date: SEP. 2014

Status: FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273748



LEVEL 01 PLAN

1 : 200

N

Notes

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Designer Identification of Hazard Risk

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- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

LEGEND

SG	-	SUPPLY GRILLE
EG	-	EXTRACT GRILLE
VCD	-	VOLUME CONTROL DAMPER
MD	-	MOTOR CONTROL DAMPER
NRD	-	NON RETURN DAMPER
FD	-	FIRE DAMPER
ED	-	EXTRACT DUCT
SD	-	SUPPLY DUCT
ID	-	INTAKE DUCT
KED	-	KITCHEN EXTRACT DUCT
TED	-	TOILET EXTRACT DUCT
DFA	-	DROP FROM ABOVE
DTB	-	DROP TO BELOW
DTLL	-	DROP TO LOW LEVEL
RTHL	-	RISE TO HIGH LEVEL
RFB	-	RISE FROM BELOW
RTA	-	RISE TO ABOVE
OS	-	OFFSET (UP OR DOWN)
	-	ATTENUATOR

NOTES

1. GENERAL DUCTWORK INSTALLATION TO COMPLY WITH DW144. KITCHEN DUCTWORK INSTALLATION TO COMPLY WITH DW172.
2. FIRE DAMPERS TO BE LOCATED AS SHOWN. ALL DUCTS WHICH PENETRATE FIRST FLOOR SLAB ARE TO BE PROVIDED WITH FIRE DAMPERS ALSO.
3. ALL NEW GRILLES TO COME COMPLETE WITH PLENUM BOX WITH SIDE ENTRY SPIGOT.
4. ALL GRILLES TO BE POLYESTER POWDER COATED TO BS OR RAL COLOUR APPROVED BY ARCHITECT.
5. ALL DIMENSIONS SHOWN ARE IN MILLIMETRES.
6. ALL WORKS & COMMISSIONING TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION.
7. PROPOSED VENTILATION WORKS HAVE BEEN DESIGNED AND WILL BE INSTALLED IN ACCORDANCE WITH SECTION 6 ENERGY OF THE CURRENT BUILDING REGULATIONS.
8. ALL FINAL CONNECTIONS TO GRILLES TO BE FLEXIBLE CONNECTION (REFER TO DETAIL).
9. ATTENUATORS TO BE SELECTED BY MECHANICAL CONTRACTOR UPON CONFIRMATION OF FAN SELECTIONS. THE MECHANICAL CONTRACTOR SHALL ENSURE THAT THE ATTENUATORS MEET THE NR CRITERIA SPECIFICED BY THE CLIENT.

RDD	
Reviewable Design Data - Section 5 of Schedule Part 6	
	Board
Name	BRIAN CULLEN
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	
For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).	
In accordance with the Levels as set out in Clause 4 Effect of Review and Schedule Part 8 (Review Procedure); Level A - No Comment Level B - Proceed subject to Amendment as noted Level C - Subject to amendment as noted Level D - [redacted]	

[redacted] 31/10/14

WORK IN PROGRESS

1	01/08/2014	FC ISSUE	JSr BR KMcI BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 01
VENTILATION DISTRIBUTION

Drawing No.							Revision
Vers	Dis	Envt	Sys	Cmpt	Sys-Info		
WW-	SZ-	01-	PL-	524-	001		1

Scale @ A0: As indicated

Date: JUN. 2014

Status: FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273746



LEVEL 01 PLAN

1 : 200

N

Notes

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Report any discrepancies and omissions to drawing originator.
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Designer Identification of Hazard Risk

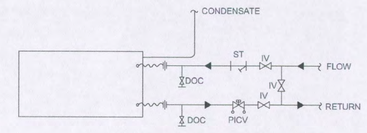
- Indicates a Residual Risk requiring a Compulsory Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

LEGEND

	-	PIPEWORK IN CEILING VOID
	-	PIPEWORK AT HIGH LEVEL
	-	PIPEWORK AT LOW LEVEL
	-	PIPEWORK UNDERNEATH/BELOW FLOOR
C/V	-	CEILING VOID
RTA	-	RISE TO ABOVE
DFA	-	DROP FROM ABOVE
F&R	-	FLOW & RETURN
DOC	-	DRAIN OFF COCK
L/L	-	LOW LEVEL
H/L	-	HIGH LEVEL
DTL/L	-	DROP TO LOW LEVEL
RTH/L	-	RISE TO HIGH LEVEL
IV	-	ISOLATING VALVE
CS	-	COMMISSIONING SET
CT	-	CONSTANT TEMPERATURE
ST	-	STRAINER
AAV	-	AUTOMATIC AIR VENT
DRV	-	DOUBLE REGULATING VALVE
3PMV	-	3 PORT MOTORISED VALVE
2PMV	-	2 PORT MOTORISED VALVE
TP	-	TEST POINT
FC	-	FLEXIBLE CONNECTION
(MV-)	-	DENOTES ASSOCIATED PIPEWORK RISER
PICV	-	PRESSURE INDEPENDANT CONTROL VALVE AND AUTOMATIC BALANCING VALVE WITH TAPPING POINTS
F&R	-	FLOW & RETURN

NOTES

1. CHILLED WATER TEMPERATURES TO BE 6°C FLOW & 12°C RETURN.
2. AUTOMATIC AIR VENTS TO BE FITTED AT ALL HIGH POINTS IN THE SYSTEM & DRAIN OFF COCKS AT ALL LOW POINTS IN THE SYSTEM.
3. ALL WORKS & COMMISSIONING TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION.
4. PROPOSED WORKS HAVE BEEN DESIGNED TAKING COGNISANCE OF THE EFFICIENCY REQUIREMENTS OF SECTION 6 OF THE TECHNICAL STANDARDS.
5. CONTRACTOR TO MAKE ADEQUATE PROVISION FOR EXPANSION & CONTRACTION OF HEATING PIPEWORK.
6. ALL VALVED CONNECTIONS SHOWN SERVE COOLING ONLY CHILLED WATER CASSETTE UNITS UNLESS OTHERWISE STATED.



PIPEWORK ARRANGEMENT AT CHILLED WATER CASSETTE UNITS

(Not to Scale)

RDD	
Reviewable Design Data : Section 5 of Schedule Part 6	
	Board
Name	BRIAN CLARK
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels as set out in Clause 4 Effect of Review and Schedule Part 8 (Review Procedure):

Level A : No Comment
Level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D : Rejected

[redacted] 21/10/14

1	01/08/2014	FC ISSUE	MW BR / KMcC BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 01
COOLING DISTRIBUTION

Drawing No. (Type, Location, Level, Discipline, Sequence) — Revision

WW-SZ-01-PL-525-001 — 1

Scale @ A0 — As indicated

Date — JUN. 2014

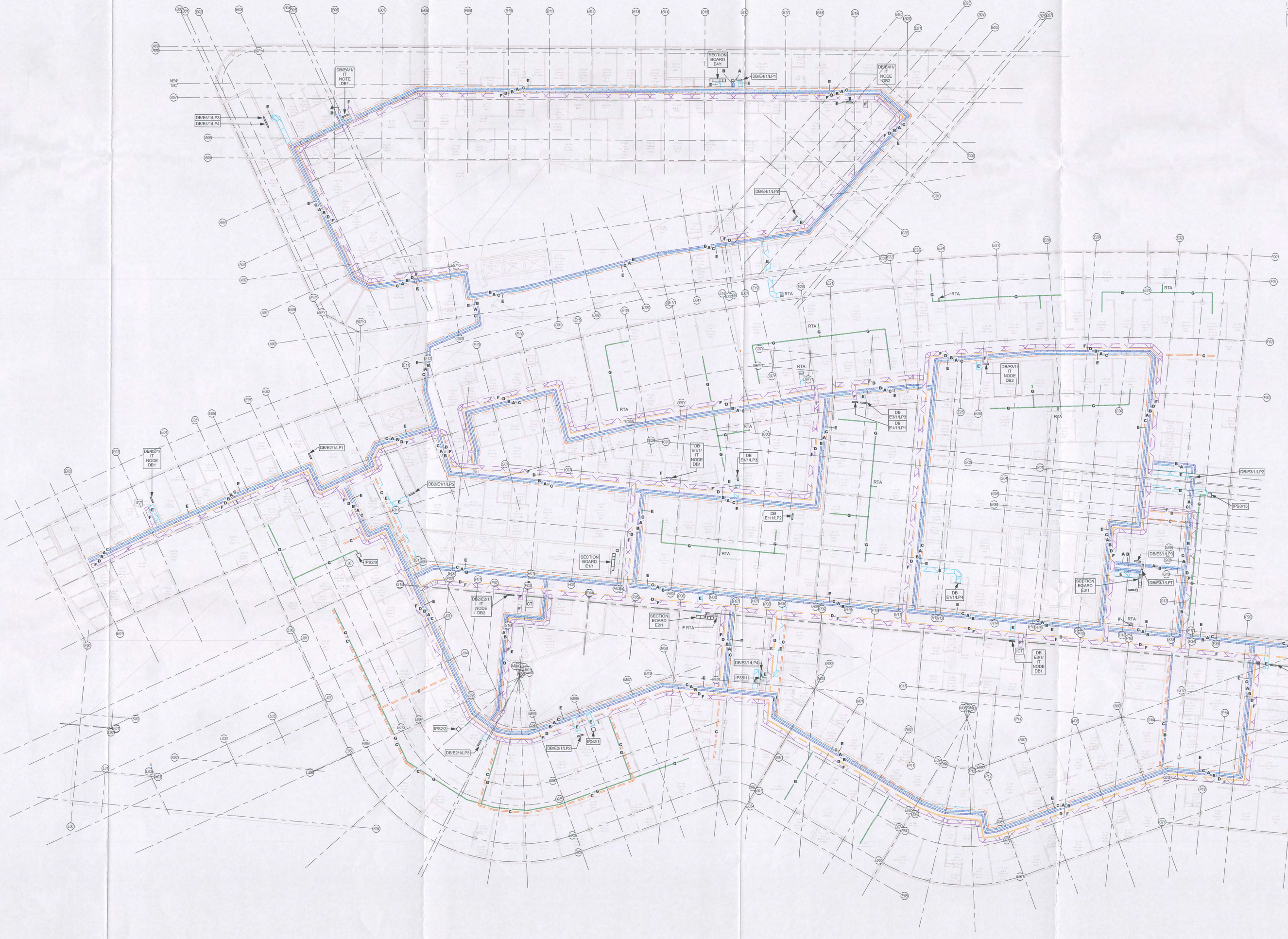
Status

FINANCIAL CLOSE

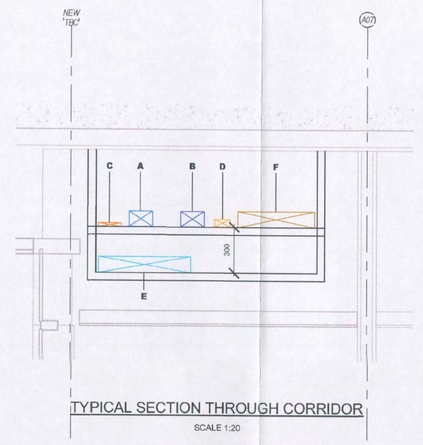
IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

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A4273748



LEVEL 01 PLAN
1 : 200



TYPICAL SECTION THROUGH CORRIDOR
SCALE 1:20

N

Notes

Check all dimensions on site. Do not scale from this drawing.
Report any discrepancies and omissions to drawing originator.
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Designer Identification of Hazard Risk

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- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

LEGEND

G	-	75x75mm LV TRUNKING FOR CATEGORY 2 CIRCUITS
A	-	150x100mm LIGHTING & SMALL POWER TRUNKING
B	-	150x100mm LIGHTING & SMALL POWER TRUNKING
C	-	150x25mm FIRE ALARM TRAY
D	-	100x50mm BMS/KNX/NURSE CALL BASKET
E	-	600x105mm LOW VOLTAGE BASKET
F	-	500x105mm DATA/COMMS BASKET
H	-	225x50mm HV TRAY
OS	-	OFFSET
RTA	-	RISE TO ABOVE
RFB	-	RISE FROM BELOW
ICT	-	IT SERVER LOCATION

NOTES

1. THE EXACT LOCATION OF ALL CONTAINMENT ROUTES TO TAKE ACCOUNT OF STRUCTURE, FINISHES AND OTHER SERVICES.
2. CABLE TRAY INSTALLED TO CARRY SUB MAINS CABLES TO LINK WITH TRAY RISERS IN ELECTRICAL CUPBOARD.
3. ALL CONTAINMENT SYSTEMS TO BE EARTHED AND INSTALLED IN ACCORDANCE WITH BS 7671 AND THE MANUFACTURERS RECOMMENDATIONS.
4. ALL BENDS & JOINTS SHALL BE PRE-MANUFACTURED.
5. FINAL CONTAINMENT ROUTES TO BE AGREED ON SITE.
6. ONLY MAIN CONTAINMENT SHOWN. CONTRACTOR TO INSTALL LOCAL CONTAINMENT AS NECESSARY.
7. CONTRACTOR TO CO-ORDINATE CONTAINMENT WITH MECHANICAL SERVICES.
8. THE CONTRACTOR SHALL FIRESTOP CONTAINMENT AT FIRE BARRIERS AND RISERS.
9. REFER TO CO-ORDINATION DRAWINGS FOR TYPICAL SECTIONS.

RDD	
Reviewable Design Data - Section 5 of Schedule Part 6	
Board	
Name	Brian Carle
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Procedure as set out in Clause 4 Part of Review and Schedule Part 8 (Review Procedure);

Level A : No Comment
level B : Proceed subject to Amendment as noted
Level C : Subject to amendment as noted
Level D : Rejected

[redacted]
30/10/14

1	01/08 FC ISSUE 2014	CJR/ JB	KMc/ BEB

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 01
POWER PLANT &
CONTAINMENT ROUTES

Drawing No.		Revision
Orgn	Docs Level Type Contact Sequence	
WW-SZ-01-PL-533-001		1

Scale @ A0	Date
As indicated	JUN. 2014

Status

FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS

A4273748



N

1 DCN ACUTE CARE
2 PICU HDU
3 CLINICAL RESEARCH
4 OPERATING THEATRES AND RHSC SURGICAL DAY CARE UNIT
5 RHSC THERAPIES
6 RHSC MAIN OUTPATIENTS
7 AUDIOLOGY
8 ORTHOPTICS

BMS LINK

ALL METERING LOCATIONS AND BMS LINKS SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. BMS SPECIALIST TO PRODUCE FINAL DESIGN OF BMS SYSTEM.

Notes

Check all dimensions on site. Do not scale from this drawing.
Report any discrepancies and omissions to drawing originator.
This Drawing is Copyright ©

Designer Identification of Hazard Risk

- Indicates a Residual Risk requiring a Compulsory Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

RDD	
Reviewable Design Data - Section 5 of Schedule Part 6	
	Board
Name	BRIAN CLERIE
Date	21/10/14
Sign	[redacted]
Level	C
Comment:	

For Board comments refer to Part 2 (Non-Approved RDD Items - Level C or Level D) of Section 5 (Reviewable Design Data) of Schedule Part 6 (Construction Matters).

In accordance with the Levels as set out in Clause 4 (Effect of Review and Schedule Part 5 (Review Procedure);

Level A - No Comment
Level B - Proceed subject to Amendment as noted
Level C - Subject to amendment as noted
Level D - Rejected

[redacted] 21/10/14

01	29.09.2014	INITIAL FC ISSUE	DB RMcI JB CLM

Revisions

Project

Re-provision of RHSC and DCN at Little France

Client

NHS Lothian

Title

LEVEL 01
POWER METERING

Drawing No. (Origin Zone Level Type Century Sequence) — Revision

WW-SZ-01-PL-533-002 — 01

Scale @ A0 — Date

1:200 @ A0 — SEP. 2014

Status

FINANCIAL CLOSE

IHS LOTHIAN
INTEGRATED HEALTH SOLUTIONS