SCS PROJECT:
FYREHALT EVOLUTION STANDARD TEMPLATE

ATTENTION: TECHNICAL REQUIREMENTS FOR THIS PROJECT

No	DESCRIPTION	REQUIREMENT	RESPONSIBILITY
1	WORKS DONE BY OTHERS	ALL DETAILS PERTAINING TO WORK BY OTHERS IS AN ADVISEMENT ONLY AND IT IS THE RESPONSIBILITY OF THE SUPPLIER AND INSTALLER OF THE ITEM/S TO CONFIRM COMPLIANCE TO ITS SUITABILITY FOR THE PURPOSE AND TO CERTIFY ITS COMPLIANCE TO THE REQUIRED FRL TO THE SATISFACTION OF THE FE OR CERTIFIER.	BUILDER, ARCHITECT, OTHER TRADES
2	SHOP DRAWINGS	APPROVAL OF SHOP DRAWINGS (SIGNITURE AND DATE) IS REQUIRED TO BE RETURNED TO SMOKE CONTROL SYSTEMS BEFORE MANUFACTURE CAN COMMENCE.	BUILDER, ARCHITECT
3	DELIVERIES TO SITE	IF REQD, FORKLIFT TO BE MADE AVAILABLE.	BUILDER
4	VERTICAL MOVEMENT OF PRODUCT	IF REQD, CRANE SHALL BE AVAILABLE TO SMOKE CONTROL SYSTEMS AT AGREED TIME OF DELIVERY. IF THIS IS NOT AVAILABLE, THIS MAY INCUR EXTRA CHARGES.	BUILDER
5	STORAGE	SUFFICIENT CLEAR FLOOR SPACE TO BE MADE AVAILABLE IMMEDIATELY ADJACENT TO EACH INSTALLATION LOCATION.	BUILDER
6	ACCESS TO WORKFACE (INSTALLATION)	ADEQUATE WORKING AREA REQD., MIN 500mm FROM SYSTEM TO STRUCTURE IS IDEAL. SUBJECT TO SITE CONDITIONS.	BUILDER
7	POSSIBLE OBSTRUCTIONS (WHERE PRESENT)	THERE MUST NOT BE ANYTHING INTERFERING WITH THE OPERATION OF CURTAIN IN ANY WAY. MIN. 100mm FROM SYSTEM TO ANY POSSIBLE OBSTRUCTION TO DROP LINE OF BOTTOM BAR IS IDEAL.	BUILDER
8	ACCESS PANELS (INSTALATION WITHIN CEILING CAVITY)	450X450 NOM. ACCESS PANELS TO BE PROVIDED AT EACH MOTOR LOCATION WILL BE REQUIRED WHERE ACCESS TO HEAD BOX IS RESTRICTED.	BUILDER, CEILING CONTRACTOR
9	POWER REQUIREMENTS	240 VOLT 10 AMP GPO TO BE LOCATED WITHIN 1 METRE OF EACH MOTOR LOCATION.	BUILDER, ELECTRICAL
10	ALARM SIGNAL, ACTIVATION	0 VOLT NORMALLY CLOSED CONTACT (OPEN ON ALARM) TO BE PROVIDED WITHIN 1 METRE OF MASTER CONTROLLER LOCATION.	BUILDER, ELECTRICAL, FIRE
11	PRESSURISATION, EXHAUST SYSTEMS	**IMPORTANT:** BALANCING TO CONSIDER AFFECTS OF CURTAINS 40 PA MAX. PRESSURE DIFFERENTIAL STRONGLY RECOMMENDED. FOR HIGHER PRESSURES PLEASE CONTACT SMOKE CONTROL TECHNICAL DEPARTMENT.	BULDER, MECHANICAL SERVICES
12	TUNING	ALL SCAFFOLDING & OTHER TRADES TO BE CLEAR 2 DAYS PRIOR TO TUNING & COMMISSIONING.	BUILDER
13	COMMISSIONING STAGE 1	PRACTICAL COMPLETION TESTS: PERMANENT POWER & ALARMS CONNECTED FOR DRY RUN PRIOR TO CSC. CURTAINS MUST BE ISOLATED DURING INDIVIDUAL COMMISSIONING OF OTHER ESSENTIAL SERVICES. *(PRODUCT LOCKED IN OPEN POSITION AFTER TESTING)*	SMOKE CONTROL SYSTEMS & BUILDER
14	COMMISSIONING STAGE 2	COORDINATED SERVICES COMMISSIONING (CSC)	SMOKE CONTROL SYSTEMS
15	COMMISSIONING STAGE 3	WITNESS TESTING, FINAL COMMISSIONING & HANDOVER	SMOKE CONTROL SYSTEMS

DRAWING INDEX

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01 - PLAN		
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0103	TYPICAL OPEN ENDED CONFIGURATION PLAN	-
02 - ELEVATION		
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03 - DETAILS		
0301	HEAD BOX DETAIL - TYPICAL BULKHEAD FIXING	-
0302	HEAD BOX DETAIL - TYPICAL CONCRETE SLAB FIXING	-
0303	HEAD BOX DETAIL - TYPICAL I BEAM FIXING	-
0304	END GUIDE DETAIL - STUD WALL	-
0305	SENSOR MOUNTING - INTERNAL	-
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04 - ELECTRICALS		
1001	TYPICAL ELECTRICAL COORDINATION	-
1002	OBSTRUCTION SENSOR SETOUT	-

SYSTEM	COMPONENT	MATERIALS	FRL	COLOUR/FINISH		
FYREHALT EVOLUTION	HEAD BOX & BOTTOM TRAY	GALVANISED STEEL	-/120/- AS1530.4	HEAD BOX		DULUX DURALLOY COLOUR TBA WILL COME IN RAW FINISH IF COLOUR IS NOT PROVIDED BY CLIENT
	SIDE GUIDES	GALVANISED STEEL		SIDE GUIDES		
	FABRIC	1100°C RATED		BOTTOM TRAY		

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Rev	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020

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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
COVER SHEET

SUB SET (CATEGORY)
00 - SPECIFICATIONS

DRAWING NUMBER
SCS - FHE-0001

REV
-

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I.A.

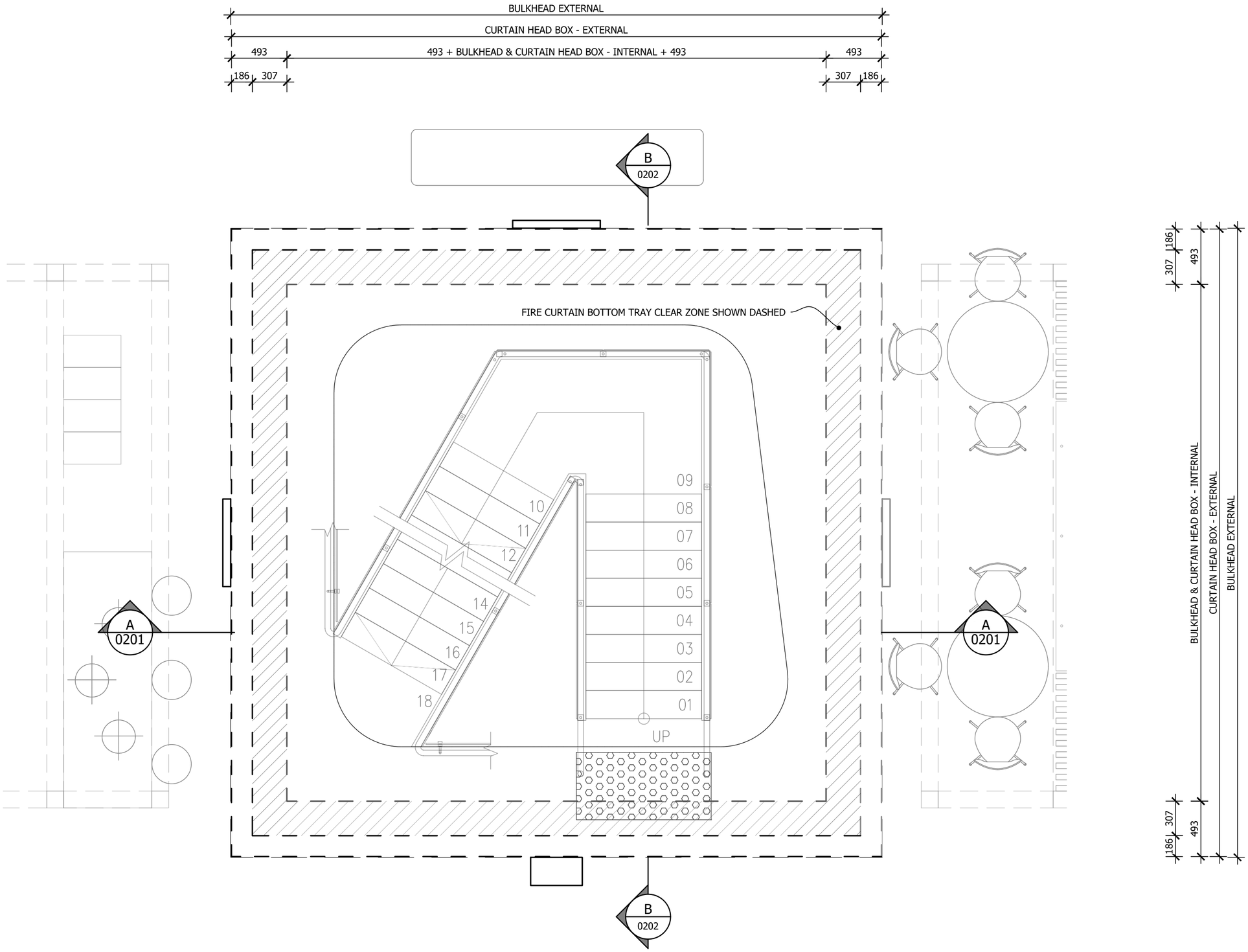
ISSUE STATUS:
FOR INFORMATION

START DATE
11/09/2020

SCALE
AS SHOWN @A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZRA KHADEMI

420mm >>>
<<< 594mm



1 PLAN
FYREHALT EVOLUTION - FIRE CURTAIN
SCALE 1:25 @ A2

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Rev	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020

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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
SQUARE CONFIG PLAN

SUB SET (CATEGORY)
01 - PLAN

DRAWING NUMBER
SCS - FHE-0101

REV
-

DRAWN BY
I.A.

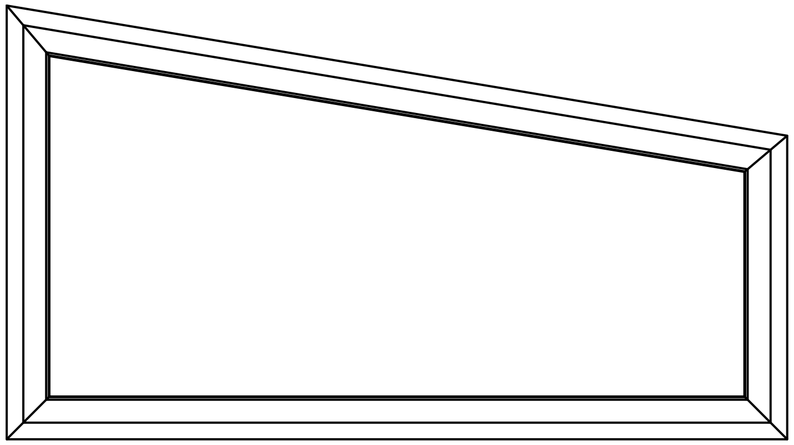
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FOR INFORMATION

START DATE
11/09/2020

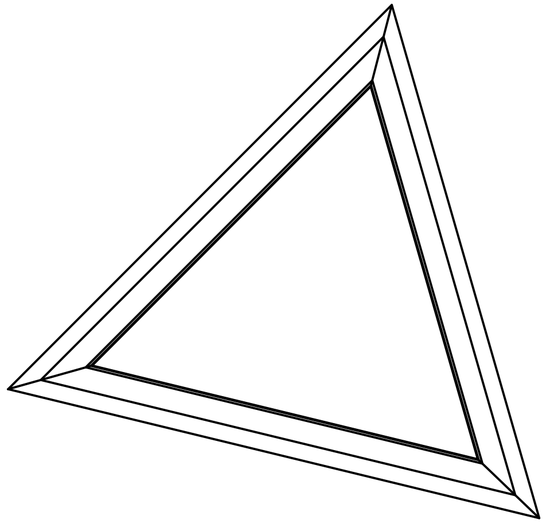
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AS SHOWN @A2

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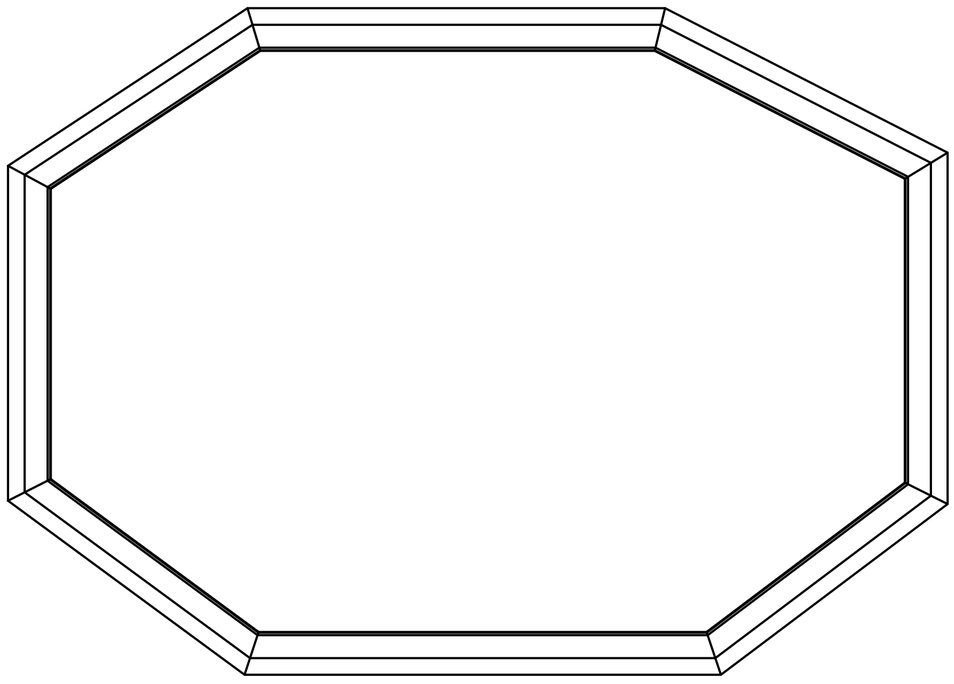
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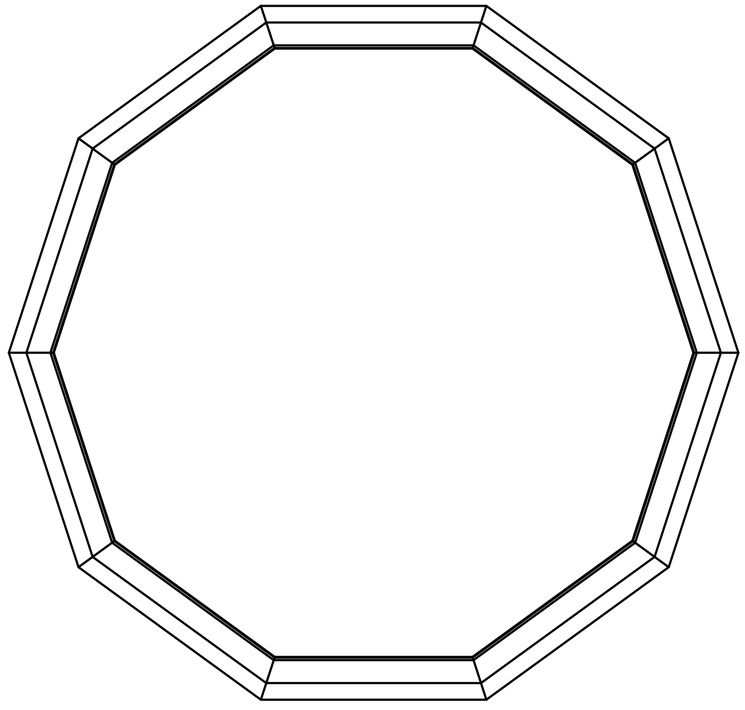
REFLECTED CEILING PLAN
CONFIG 1



REFLECTED CEILING PLAN
CONFIG 2



REFLECTED CEILING PLAN
CONFIG 3



REFLECTED CEILING PLAN
CONFIG 4

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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
TYPICAL CLOSED CONFIGURATIONS

SUB SET (CATEGORY)
01 - PLAN

DRAWING NUMBER
SCS - FHE-0102

REV
-

DRAWN BY
I.A.

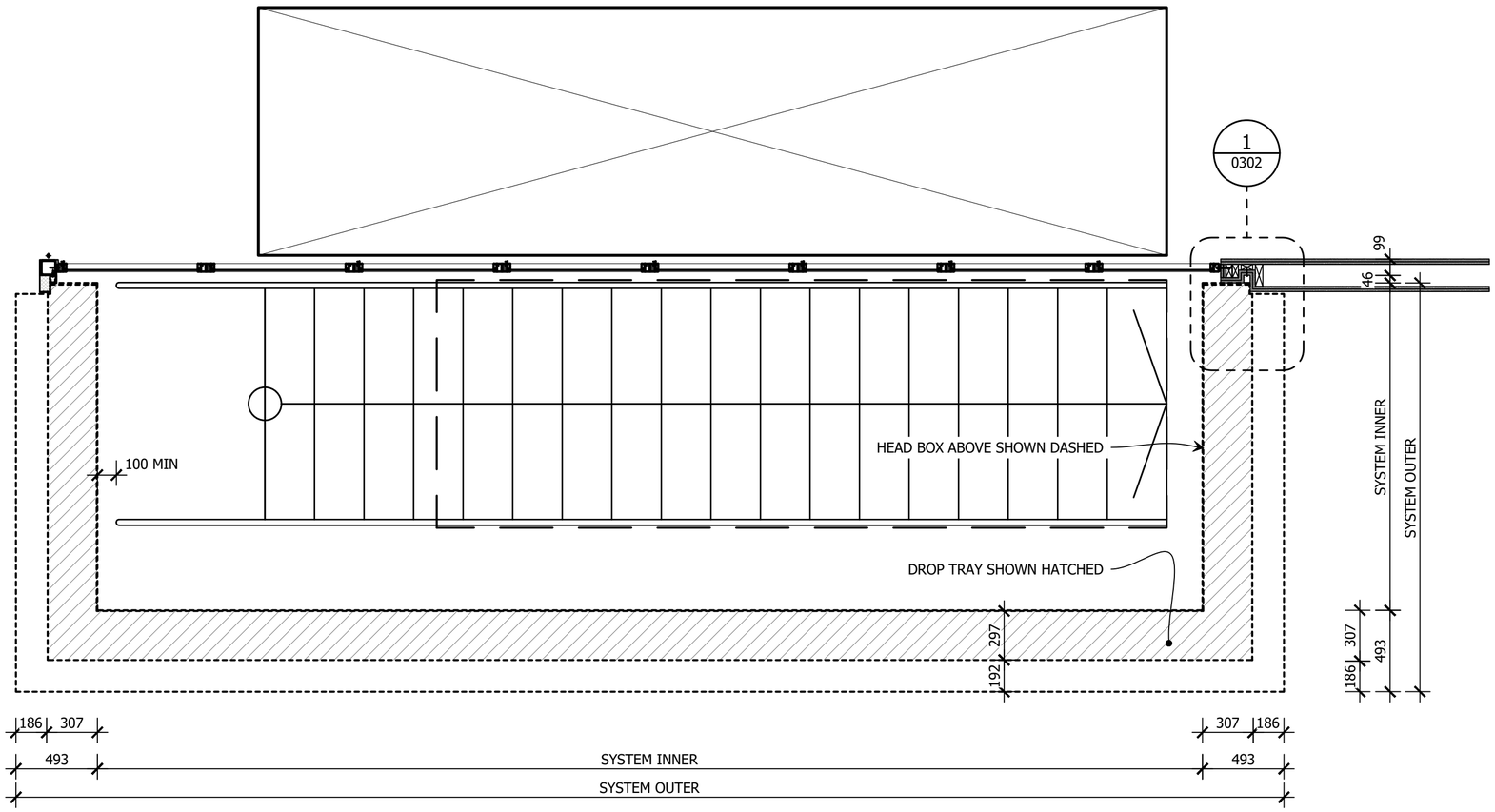
ISSUE STATUS:
FOR INFORMATION

START DATE
11/09/2020

SCALE
AS SHOWN @A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZRA KHADEMI

420mm >>>
<<< 594mm



1 PLAN
TYP. OPEN ENDED CONFIGURATION PLAN
SCALE 1:25 @ A2

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Rev	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020

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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
TYPICAL OPEN ENDED CONFIGURATION P

SUB SET (CATEGORY)
01 - PLAN

DRAWING NUMBER
SCS - FHE-0103

REV
-

DRAWN BY
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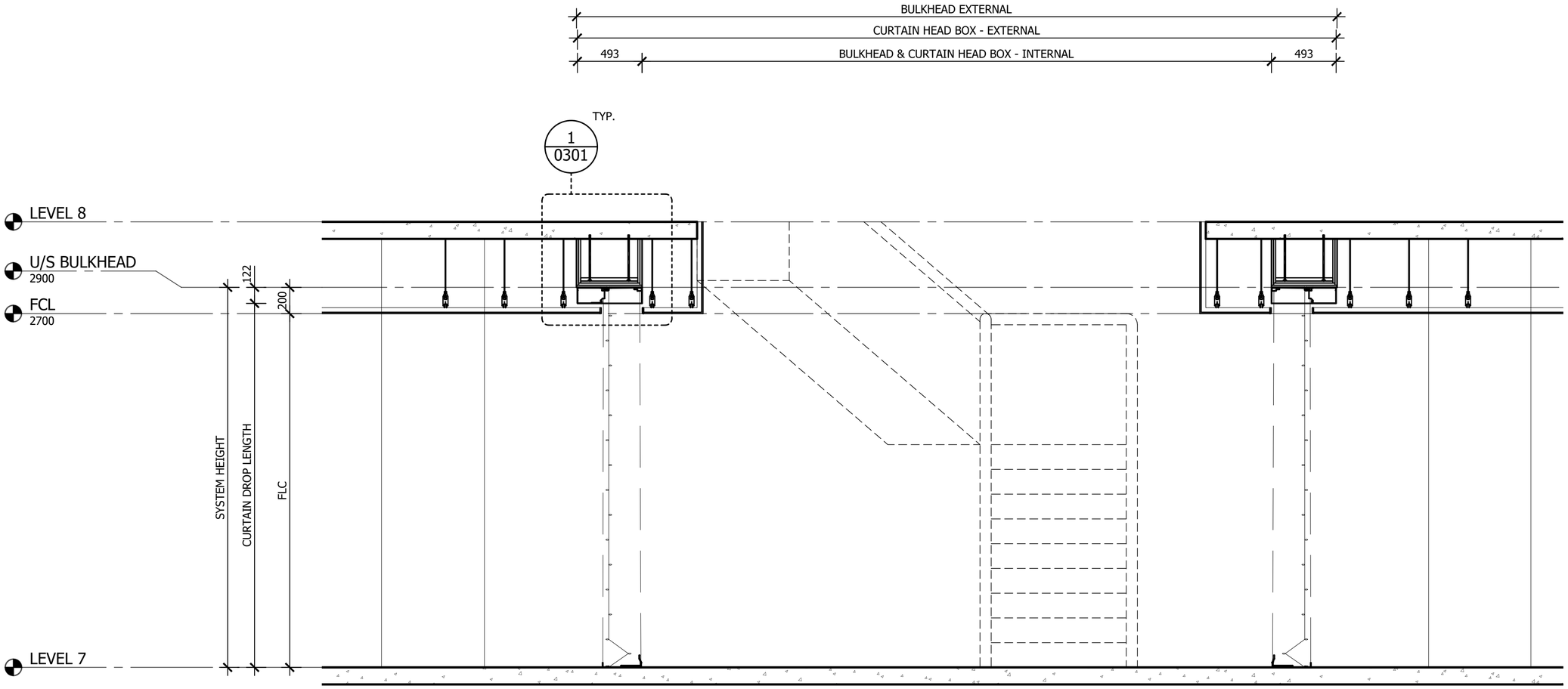
ISSUE STATUS:
FOR INFORMATION

START DATE
11/09/2020

SCALE
AS SHOWN @A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZRA KHADEMI

<<< 420mm
<<< 594mm



A ELEVATION LOOKING NORTH
FYREHALT EVOLUTION - FIRE CURTAIN
SCALE 1:25 @ A2

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Rev	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020

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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
ELEVATION SECTION - 1

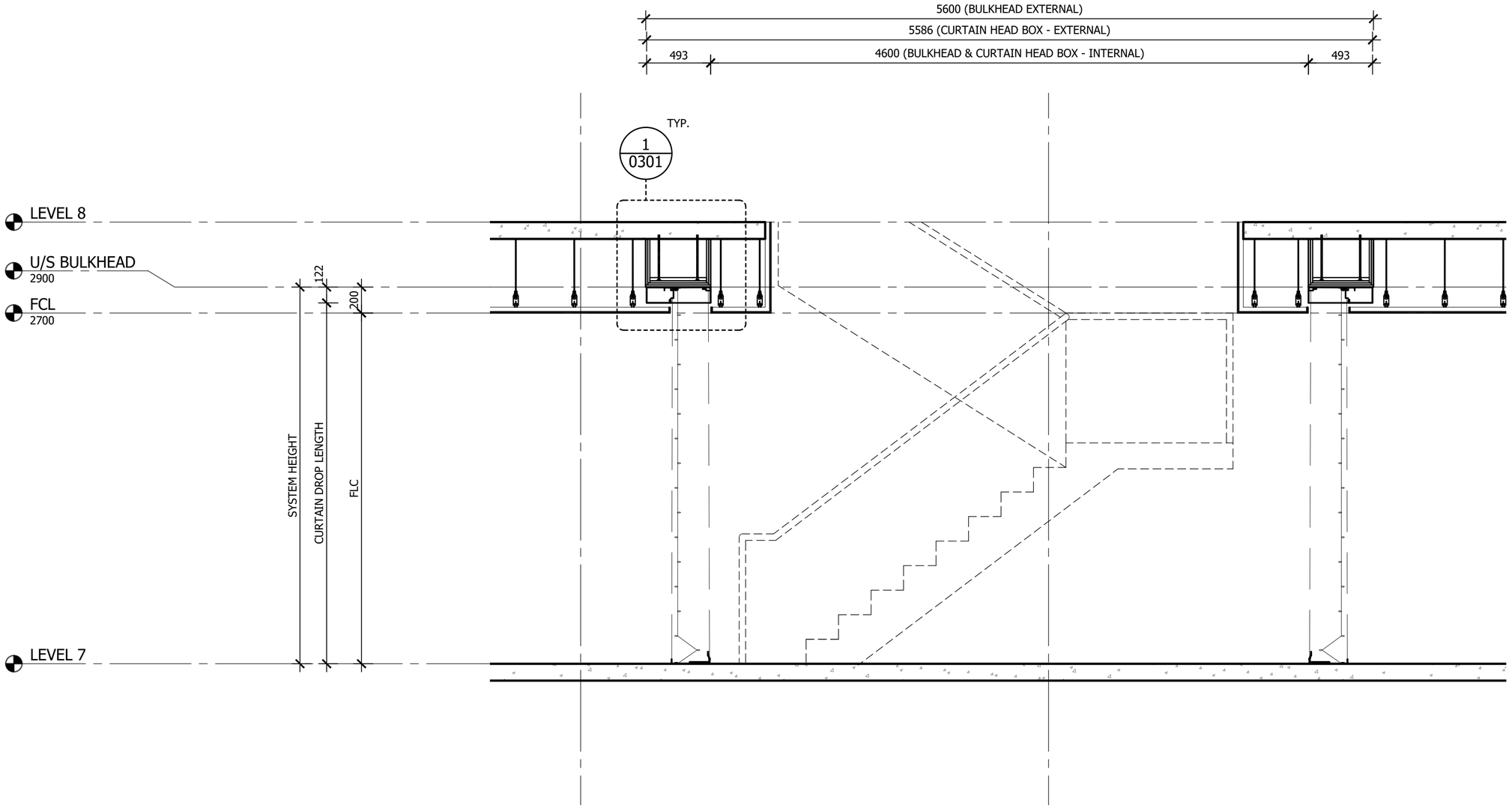
SUB SET (CATEGORY)
02 - ELEVATION

DRAWING NUMBER	REV
SCS - FHE-0201	-

DRAWN BY	ISSUE STATUS:
I.A.	
START DATE	SCALE
11/09/2020	AS SHOWN @A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZRA KHADEMI

>>> 420mm
<<< 594mm



B ELEVATION LOOKING WEST
FYREHALT EVOLUTION - FIRE CURTAIN
SCALE 1:25 @ A2

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Rev	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020

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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
ELEVATION SECTION - 2

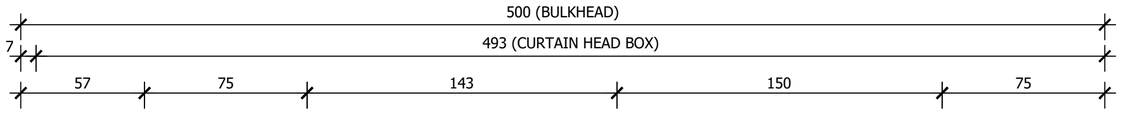
SUB SET (CATEGORY)
02 - ELEVATION

DRAWING NUMBER	REV
SCS - FHE-0202	-

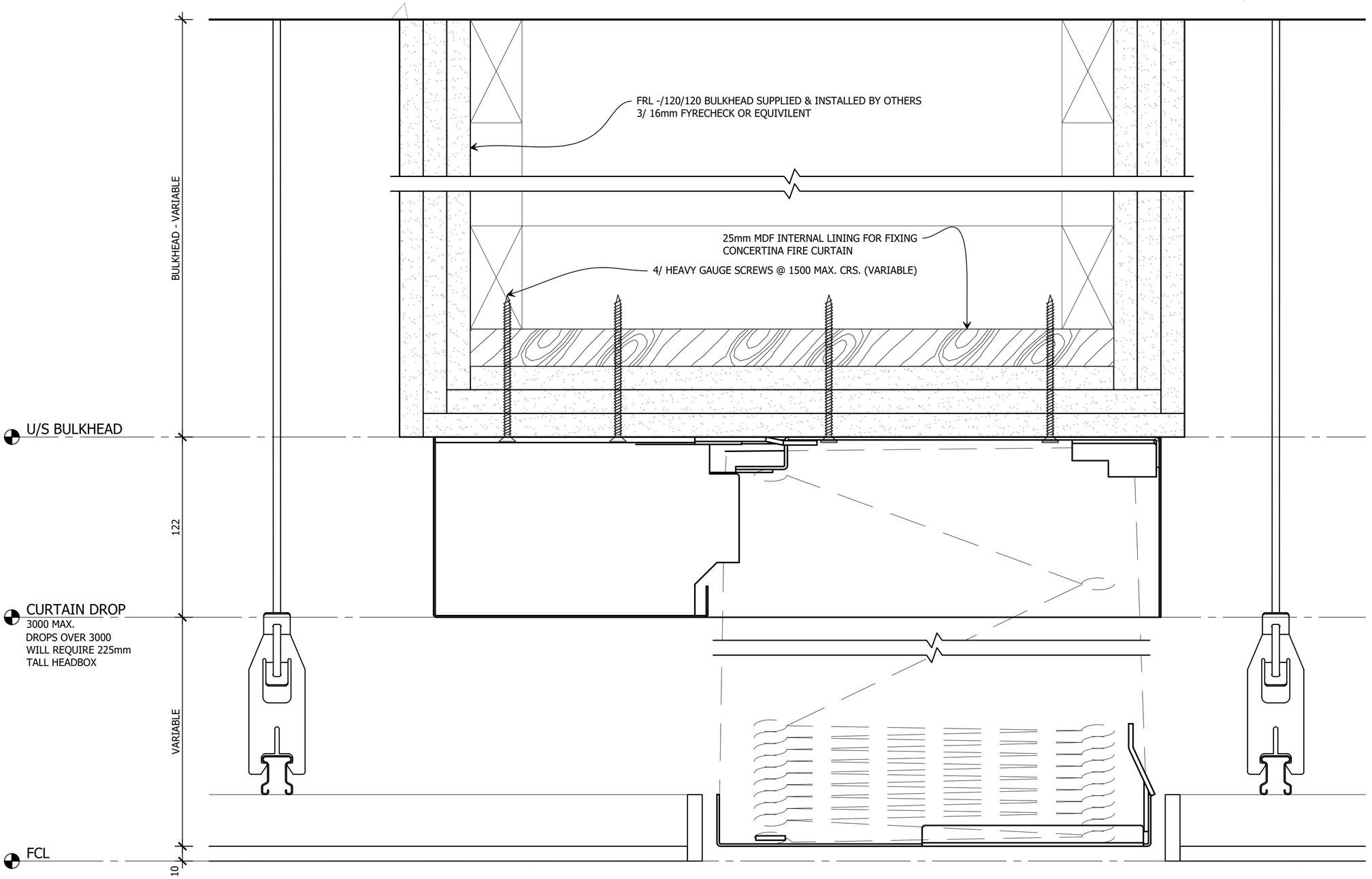
DRAWN BY	ISSUE STATUS:
I.A.	FOR INFORMATION
START DATE	SCALE
11/09/2020	AS SHOWN @A2

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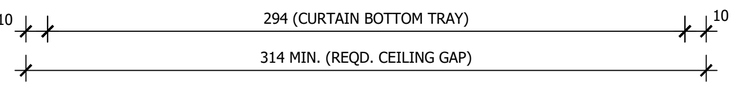
NOTE:
BULKHEAD SUPPLIED, INSTALLED AND CERTIFIED TO FRL -/120/120 AND BE ABLE TO SUPPORT 45KG PER LINEAR METRE BY OTHERS.



TYPICAL BULKHEAD DETAIL:
INTERNAL STRUCTURE CAN ALSO BE DONE WITH STUD TRACK MUST SUPPORT 45kg/LINEAL METRE OF CURTAIN SYSTEM.



1 ELEVATION
FYREHALT EVOLUTION HEADBOX: UNDER 3000 DROP
SCALE 1:2 @ A2



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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
HEAD BOX DETAIL
TYPICAL BULKHEAD FIXING

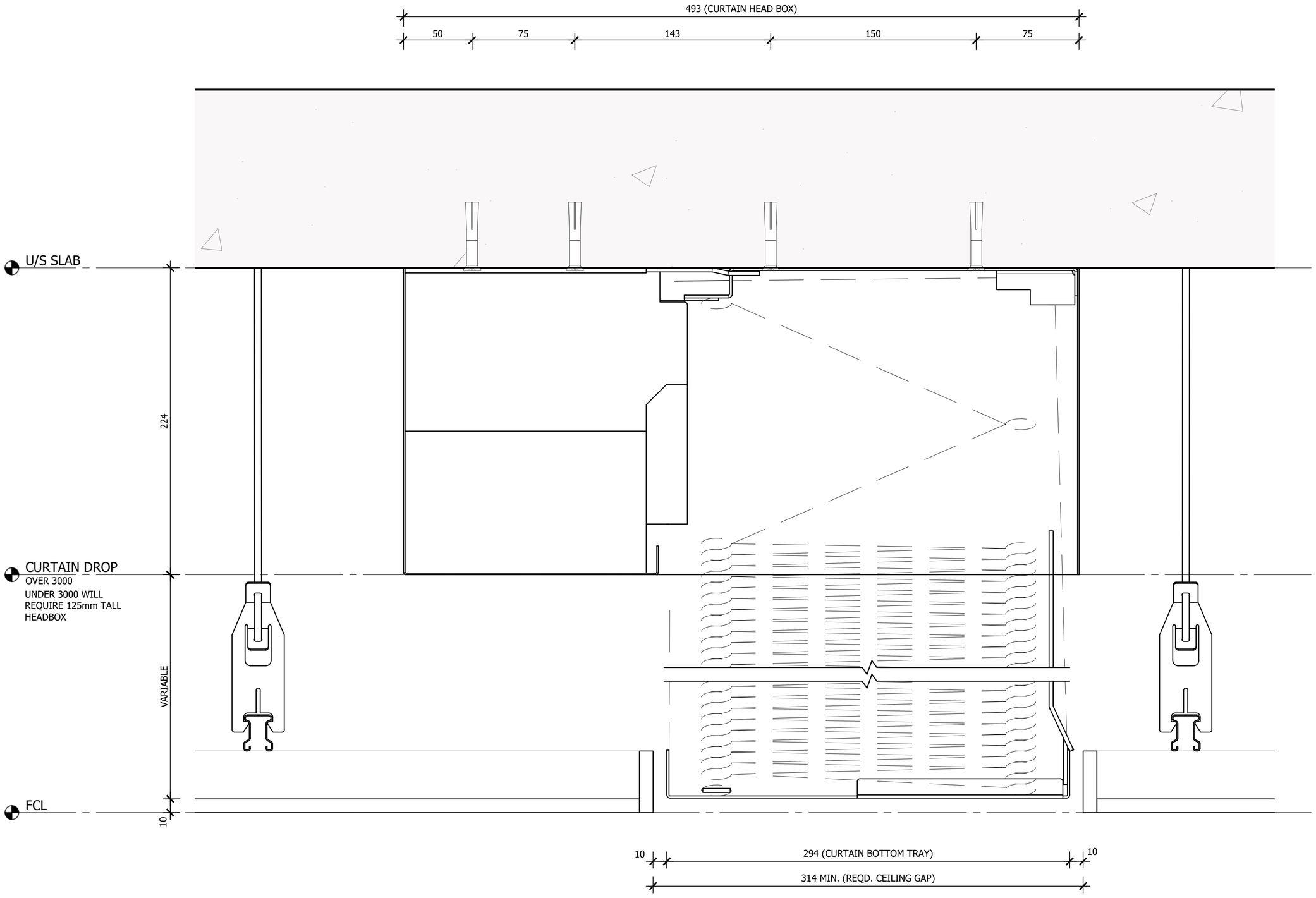
SUB SET (CATEGORY)
03 - DETAILS

DRAWING NUMBER	REV
SCS - FHE-0301	-

DRAWN BY	ISSUE STATUS:
I.A.	FOR INFORMATION
START DATE	SCALE
11/09/2020	AS SHOWN @A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZRA KHADEMI

>>> 420mm <<<
<<< 594mm



1 ELEVATION
FYREHALT EVOLUTION HEADBOX: OVER 3000 DROP
SCALE 1:2 @ A2

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REV	CHK	REASON	DATE
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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
HEAD BOX DETAIL
TYPICAL CONCRETE SLAB FIXING

SUB SET (CATEGORY)
03 - DETAILS

DRAWING NUMBER
SCS - FHE-0302

REV
-

DRAWN BY
I.A.

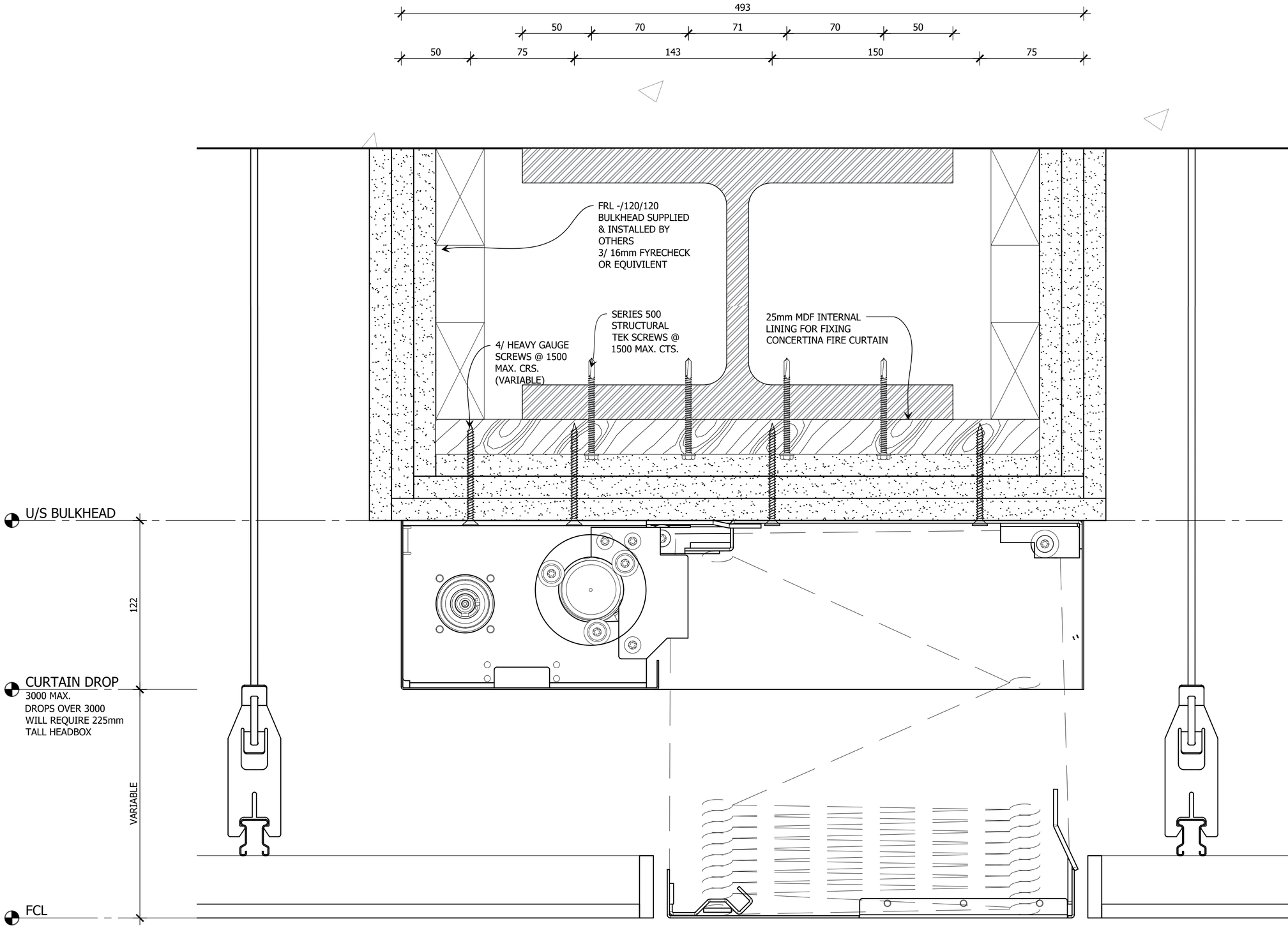
ISSUE STATUS:

START DATE
11/09/2020

SCALE
AS SHOWN @A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZRA KHADEMI

420mm >>>
<<< 594mm



1 ELEVATION
FYREHALT EVOLUTION HEADBOX: OVER 3000 DROP
SCALE 1:2 @ A2

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REV	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020

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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
HEAD BOX DETAIL
TYPICAL I BEAM FIXING

SUB SET (CATEGORY)
03 - DETAILS

DRAWING NUMBER
SCS - FHE-0303

REV
-

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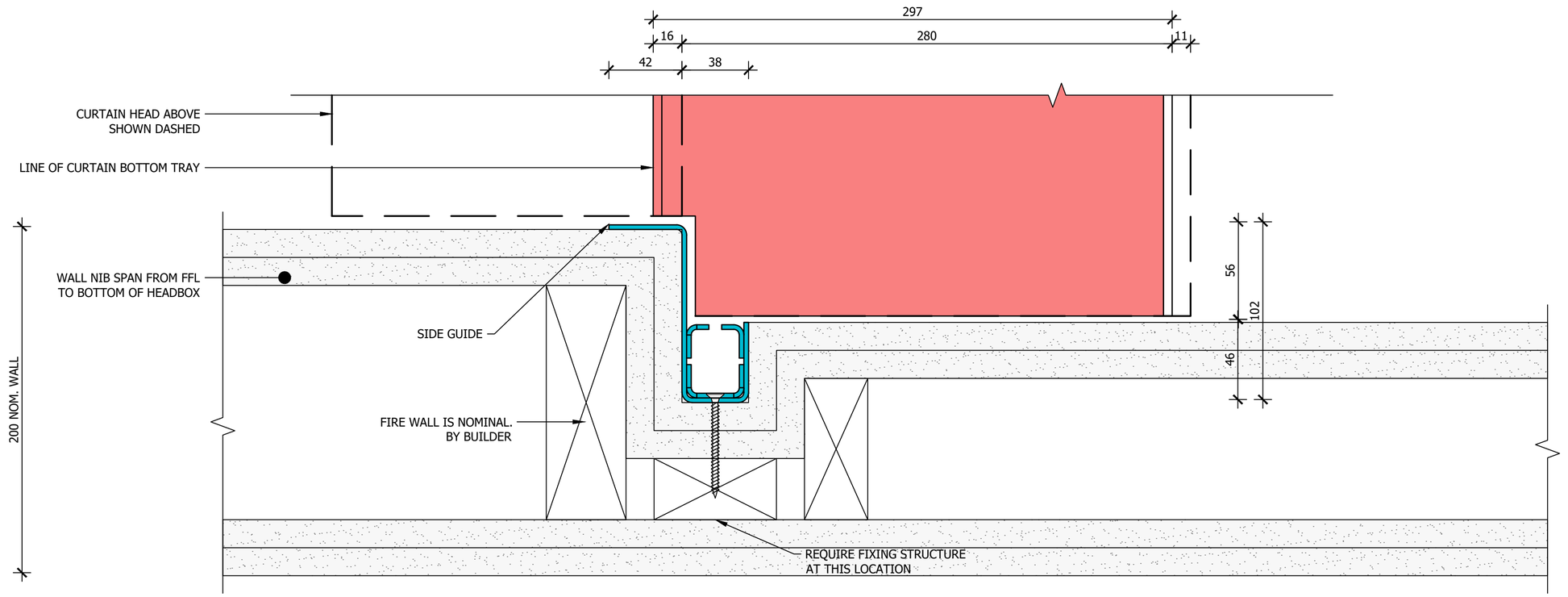
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11/09/2020

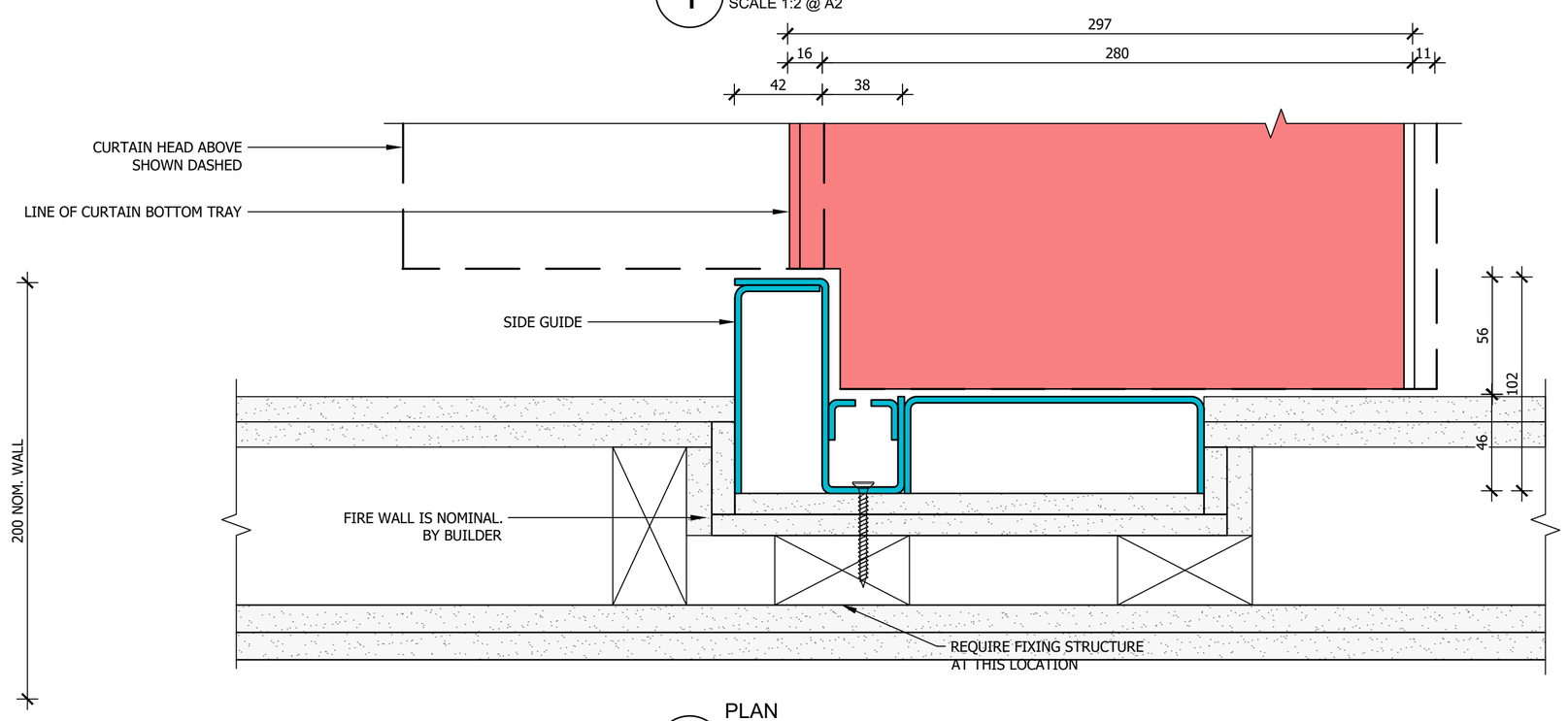
SCALE
AS SHOWN @A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZRA KHADEMI

<<< 420mm
<<< 594mm



1 PLAN
END GUIDE DETAIL
SCALE 1:2 @ A2



1 PLAN
END GUIDE DETAIL
SCALE 1:2 @ A2

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Rev	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020

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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
END GUIDE DETAIL
STUD WALL

SUB SET (CATEGORY)
03 - DETAILS

DRAWING NUMBER
SCS - FHE-0304

REV
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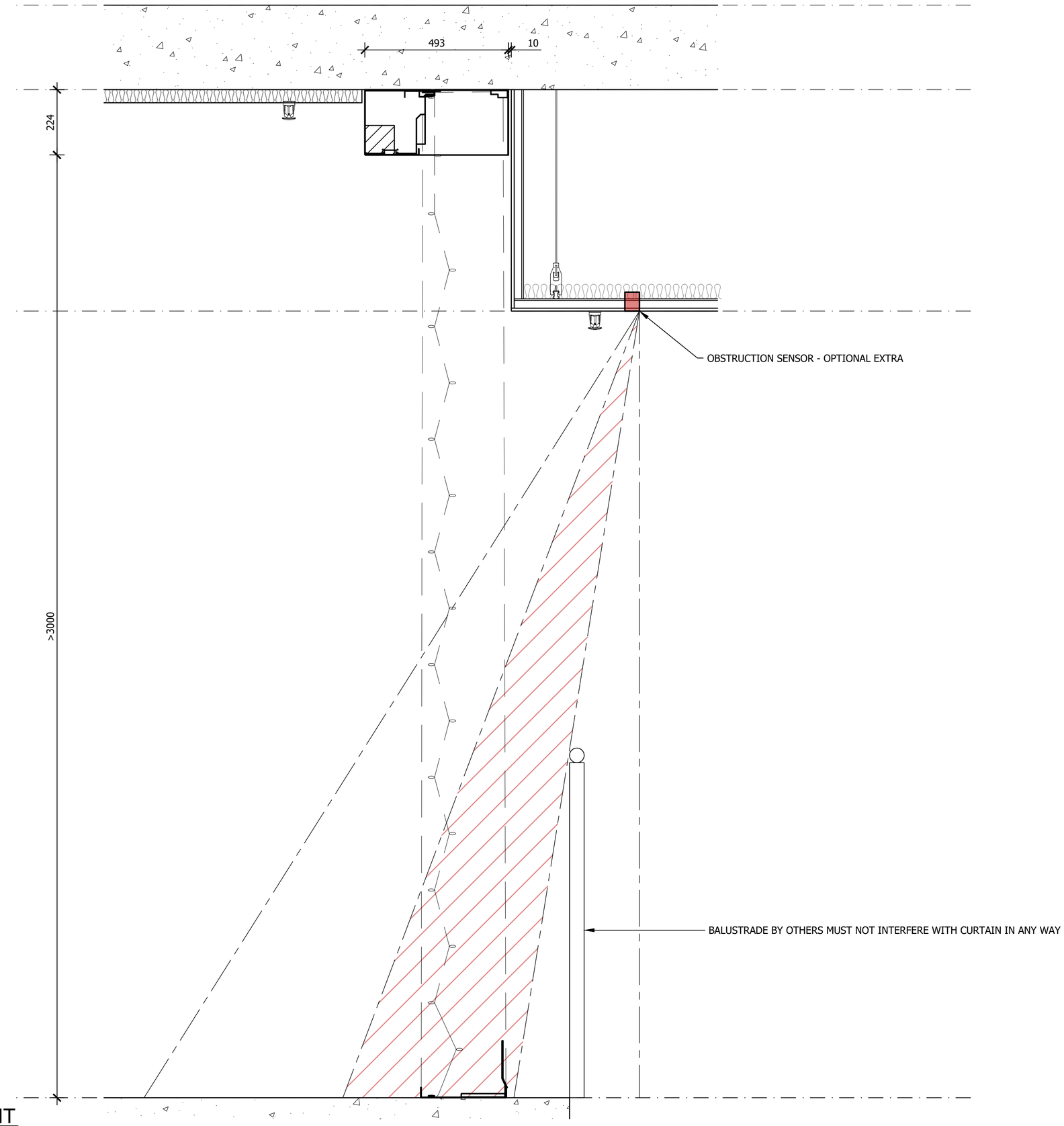
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I.A.

ISSUE STATUS:

START DATE
11/09/2020

SCALE
AS SHOWN @A2

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1 ELEVATION
INTERNAL SENSOR MOUNT
SCALE 1:10 @ A2

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REV	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020

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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
SENSOR MOUNTING - INTERNAL

SUB SET (CATEGORY)
03 - DETAILS

DRAWING NUMBER
SCS - FHE-0305

REV
-

DRAWN BY
I.A.

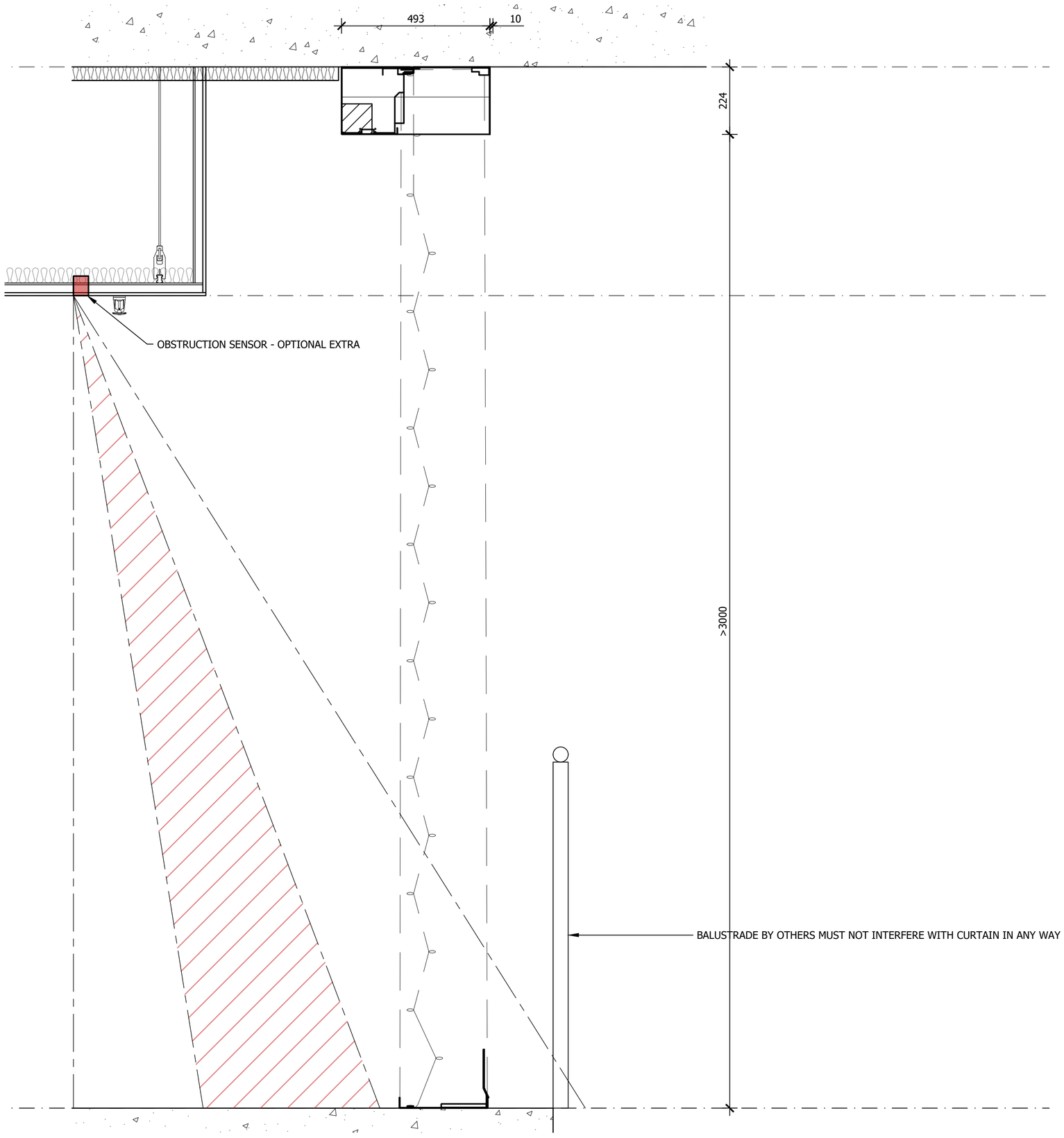
ISSUE STATUS:

START DATE
11/09/2020

SCALE
AS SHOWN @A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZRA KHADEMI

<<< 420mm
<<< 594mm



1 ELEVATION
EXTERNAL SENSOR MOUNT
SCALE 1:10 @ A2

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PROJECT
SCS - FHE
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CLIENT

TITLE
SENSOR MOUNTING - EXTERNAL

SUB SET (CATEGORY)
03 - DETAILS

DRAWING NUMBER
SCS - FHE-0306

REV
-

DRAWN BY
I.A.

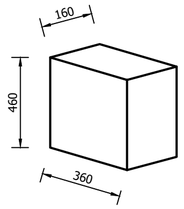
ISSUE STATUS:

START DATE
11/09/2020

SCALE
AS SHOWN @A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZRA KHADEMI

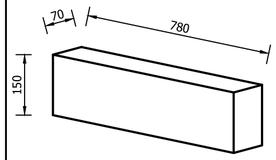
>>> 420mm
<<< 594mm



MASTER CONTROLLER

CAN BE LOCATED WITHIN 15m OF ONE OF THE SLAVE CONTROLLERS WHICH ARE LOCATED CENTRAL OF NOMINATED STRAIGHT SECTIONS.
REQUIREMENTS TO BE PROVIDED ***BY OTHERS***:

1. 240V 10A GPO;
2. NORMALLY CLOSED DRY CONTACT TO FIP.



SLAVE CONTROLLER

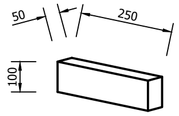
LOCATED WITHIN 1m FROM CENTER OF NOMINATED STRAIGHT SECTION.
REQUIREMENTS TO BE PROVIDED ***BY OTHERS***:

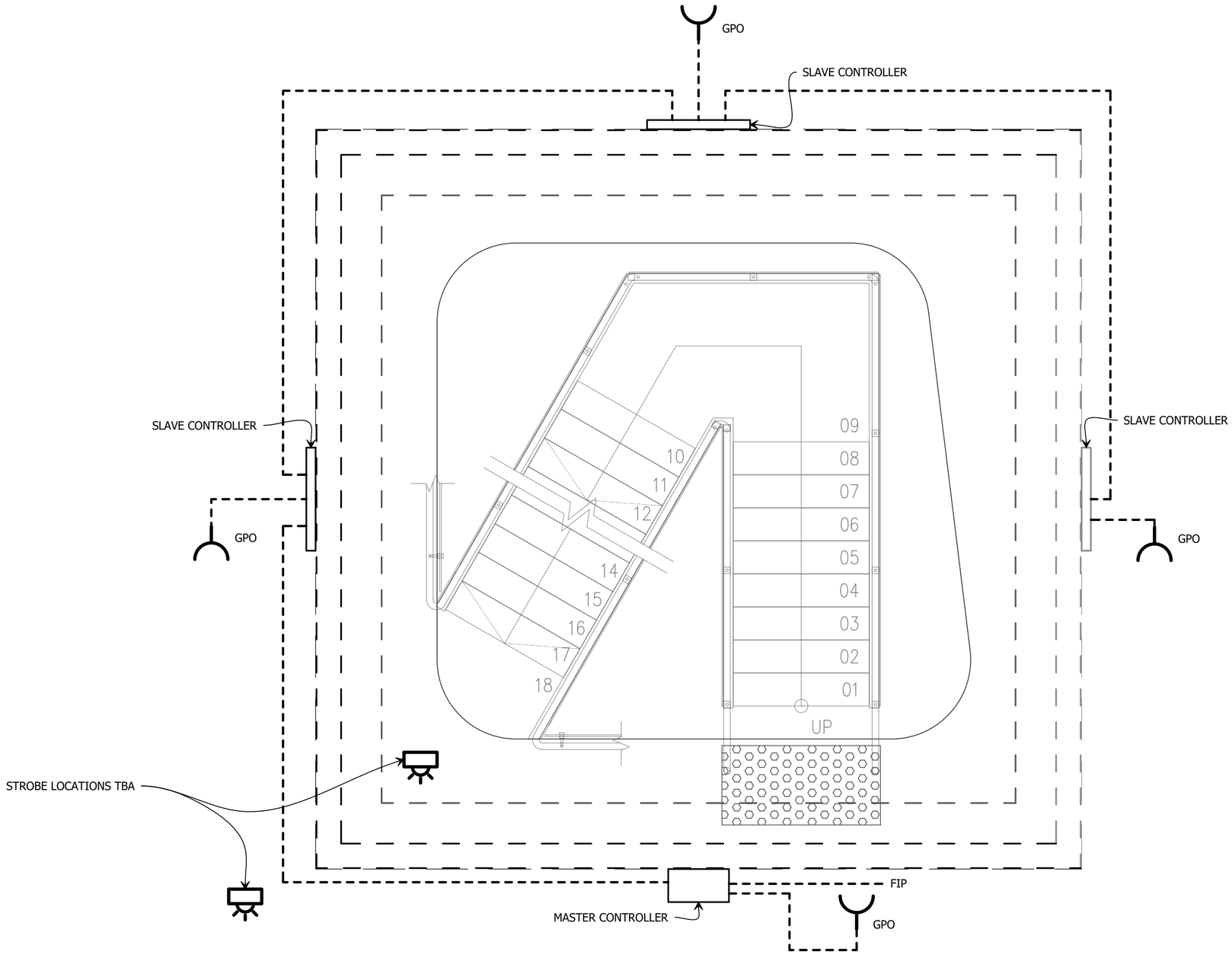
1. 240V 10A GPO.

JUNCTION BOX

REQUIREMENTS TO BE PROVIDED ***BY OTHERS***:

1. 240V 10A GPO.





1 PLAN
FYREHALT EVOLUTION - POWER & FIP REQUIREMENTS
SCALE 1:25 @ A2

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-	AC	FOR APPROVAL	11/09/2020

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PROJECT
SCS - FHE
FYREHALT EVOLUTION STANDARD TEMPLATE

CLIENT

TITLE
TYPICAL ELECTRICAL COORDINATION

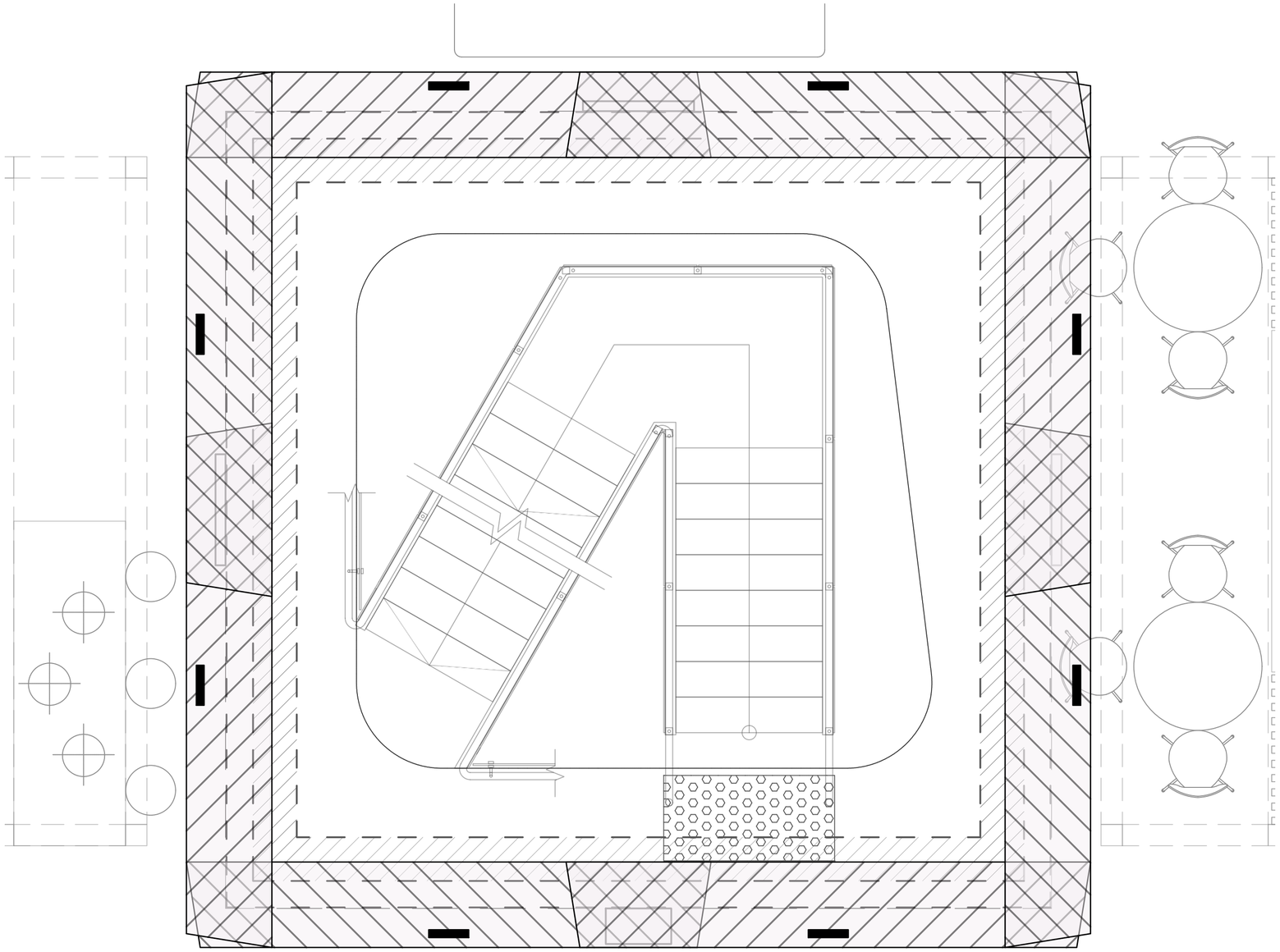
SUB SET (CATEGORY)
04 - ELECTRICALS

DRAWING NUMBER	REV
SCS - FHE-1001	-

DRAWN BY	ISSUE STATUS:
I.A.	
START DATE	SCALE
11/09/2020	AS SHOWN @A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZRA KHADEMI

<<< 420mm
<<< 594mm



1 PLAN
FYREHALT EVOLUTION - OBSTRUCTION SENSOR SETOUT
SCALE 1:25 @ A2

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Rev	CHK	REASON	DATE
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TITLE
OBSTRUCTION SENSOR SETOUT

SUB SET (CATEGORY)
04 - ELECTRICALS

DRAWING NUMBER	REV
SCS - FHE-1002	-

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START DATE	SCALE
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420mm >>>
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