

SCS PROJECT: FYREHALT EVOLUTION STANDARD TEMPLATE



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 (SIGNATURE 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 (INSTALLATION 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.	BUILDER, 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		
SHEET	DESCRIPTION	REV
00 - SPECIFICATIONS		
0001	COVER SHEET	-
01 - PLAN		
0101	SQUARE CONFIG PLAN	-
0102	TYPICAL CLOSED CONFIGURATIONS	-
0103	TYPICAL OPEN ENDED CONFIGURATION PLAN	-
02 - ELEVATION		
0201	ELEVATION SECTION - 1	-
0202	ELEVATION SECTION - 2	-
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	-
0306	SENSOR MOUNTING - EXTERNAL	-
04 - ELECTRICALS		
1001	TYPICAL ELECTRICAL COORDINATION	-
1002	OBSTRUCTION SENSOR SETOUT	-

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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

DRAWN BY
I.A.

ISSUE STATUS:
FOR INFORMATION

START DATE
11/09/2020

SCALE
AS SHOWN @A2

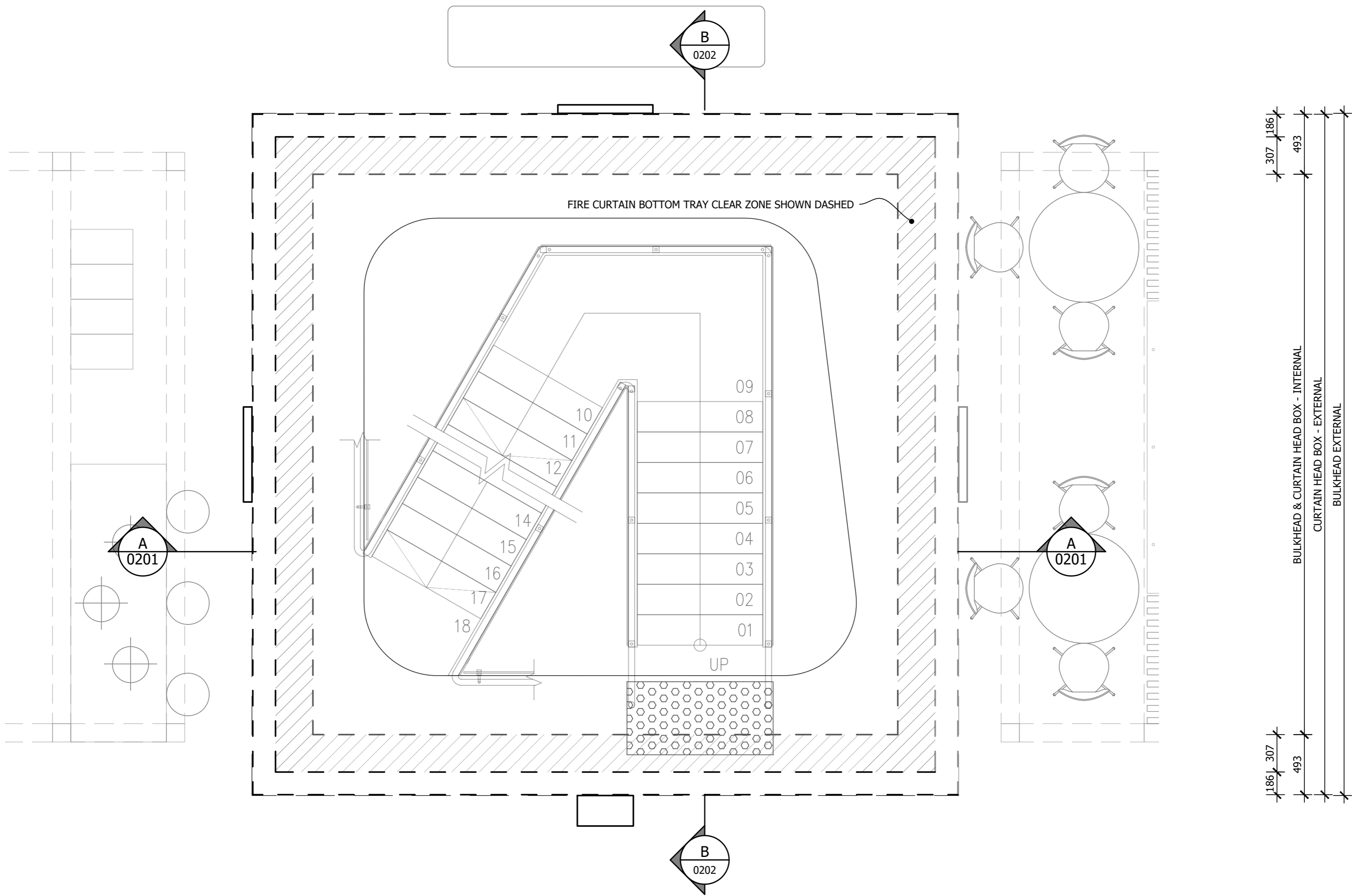
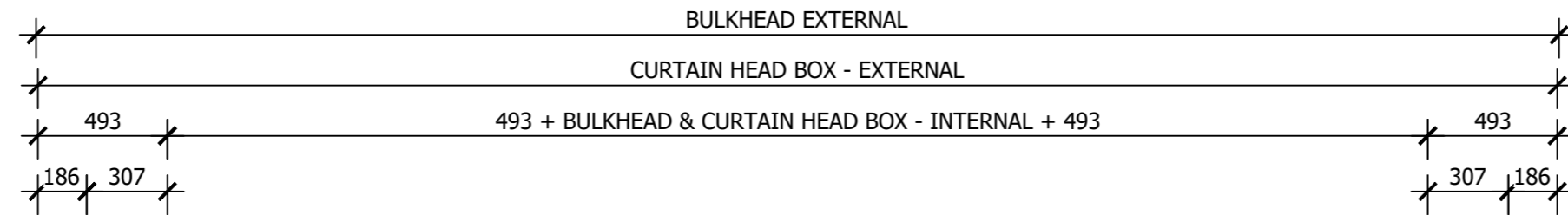
FYREHALT EVOLUTION	HEAD BOX & BOTTOM TRAY	GALVANISED STEEL	-120/- AS1530.4	HEAD BOX	DULUX DURALLOY COLOUR TBA WILL COME IN RAW FINISH IF COLOUR IS NOT PROVIDED BY CLIENT
	SIDE GUIDES	GALVANISED STEEL		SIDE GUIDES	
	FABRIC	1100°C RATED		BOTTOM TRAY	
SYSTEM	COMPONENT	MATERIALS	FRL	COLOUR/FINISH	
PRODUCT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

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

420mm

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NO	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

DRAWN BY
 I.A.

ISSUE STATUS:
 FOR INFORMATION

START DATE
 11/09/2020

SCALE
 AS SHOWN @A2

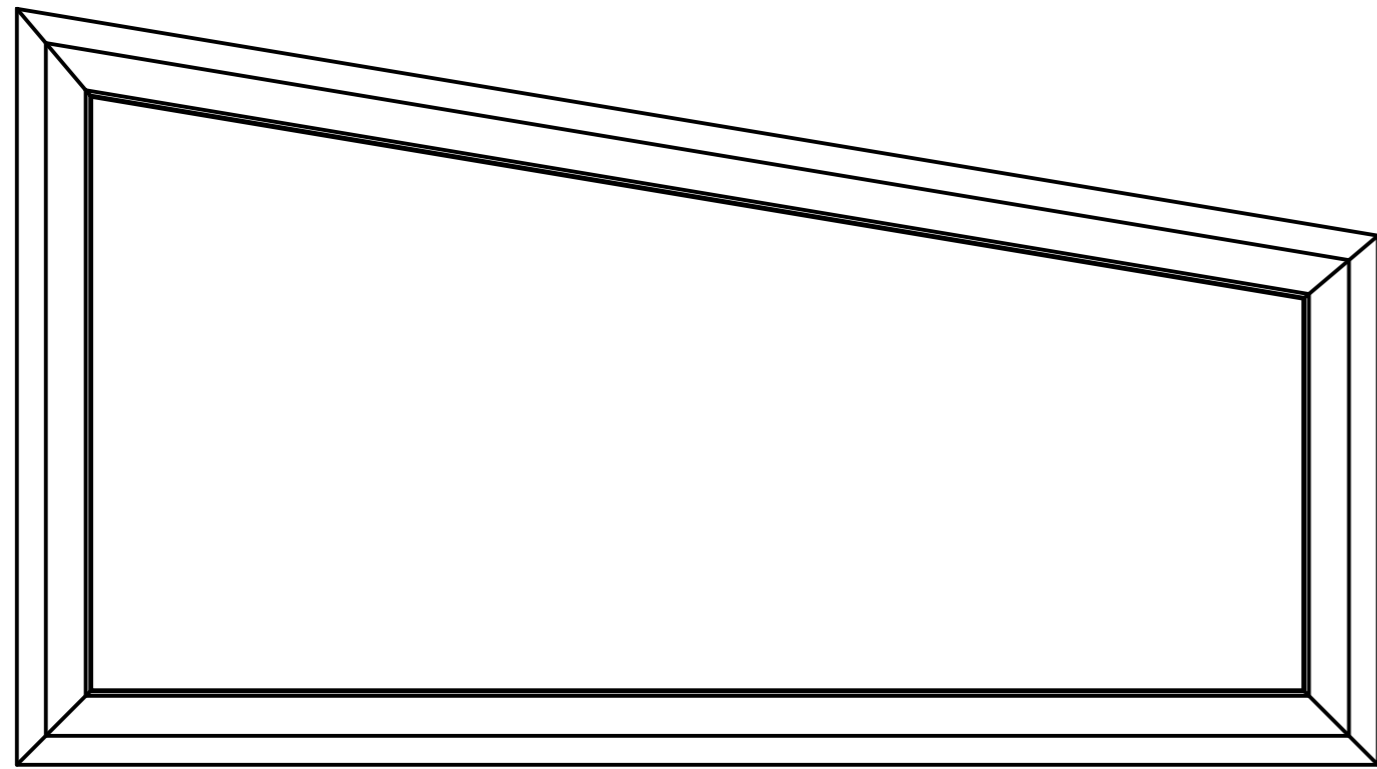
1 PLAN
 FYREHALT EVOLUTION - FIRE CURTAIN
 SCALE 1:25 @ A2

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

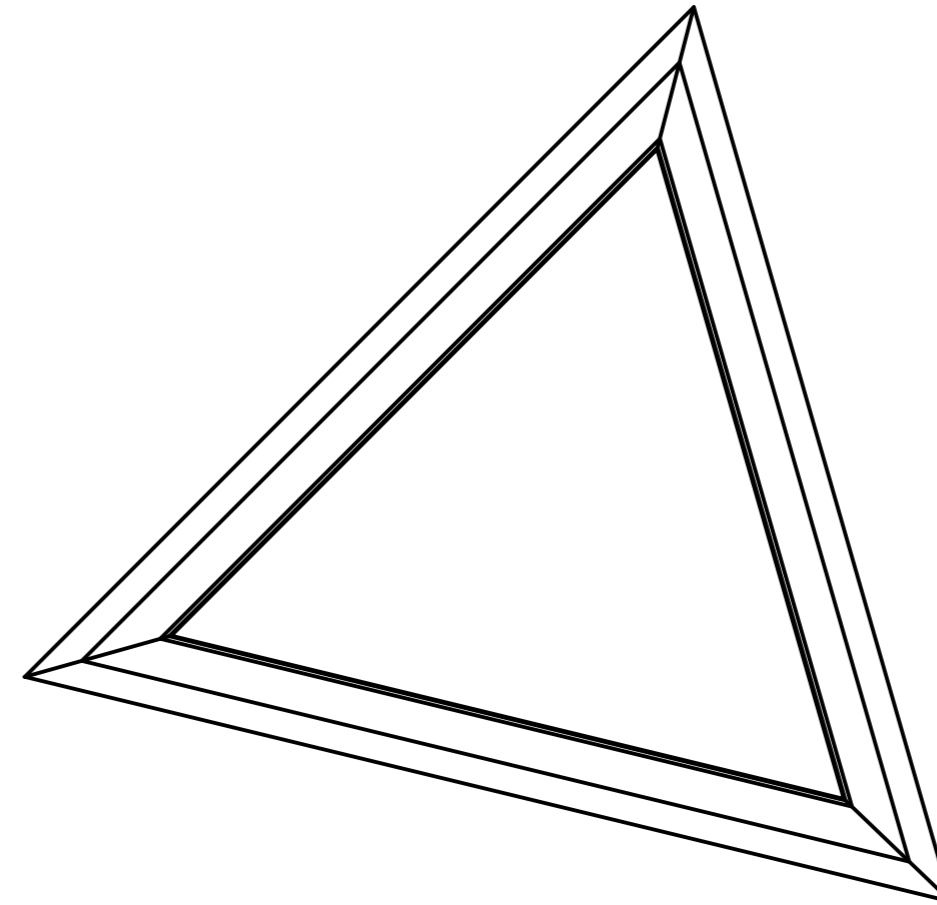
420mm
 <<< 594mm

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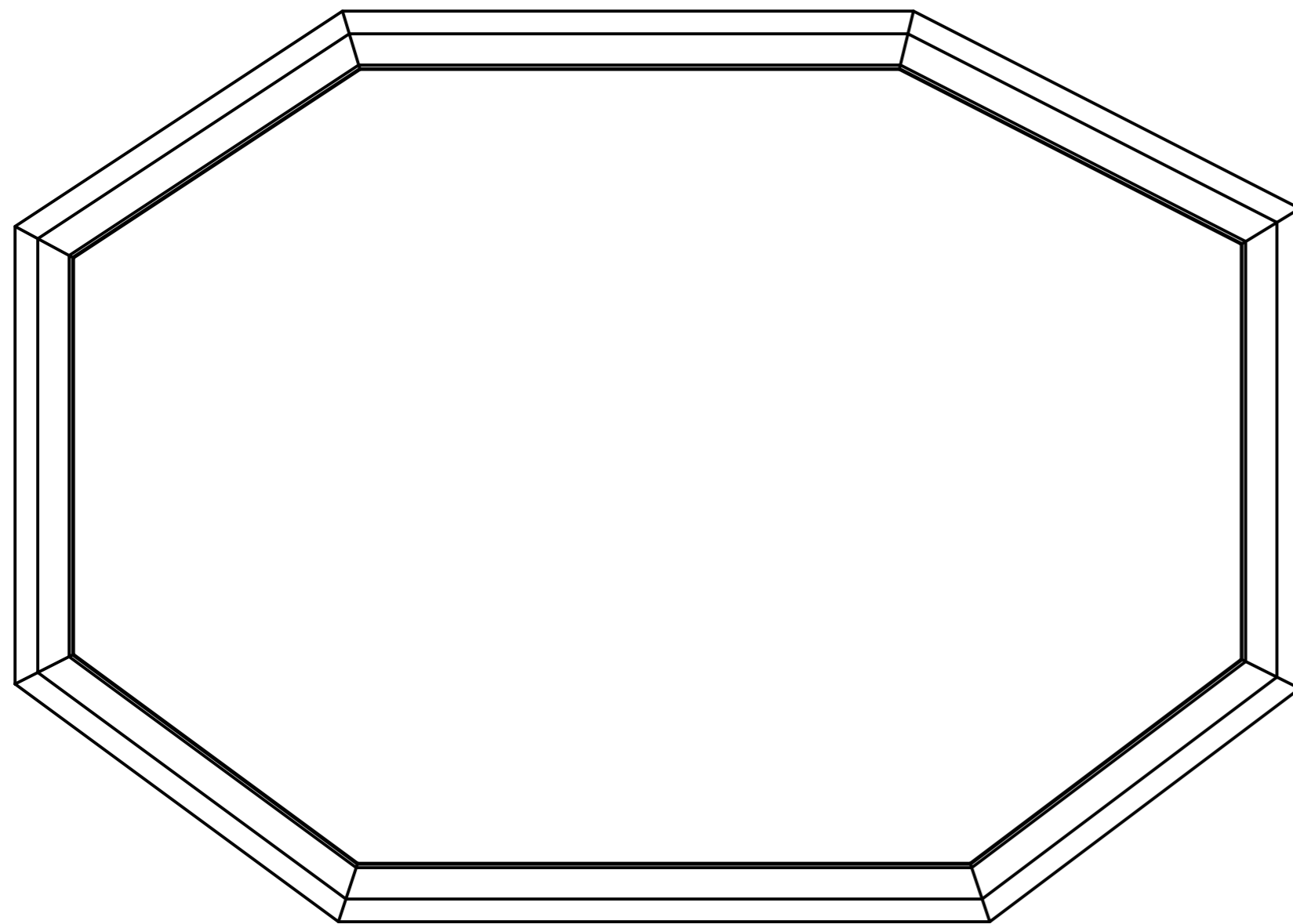
REV	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020



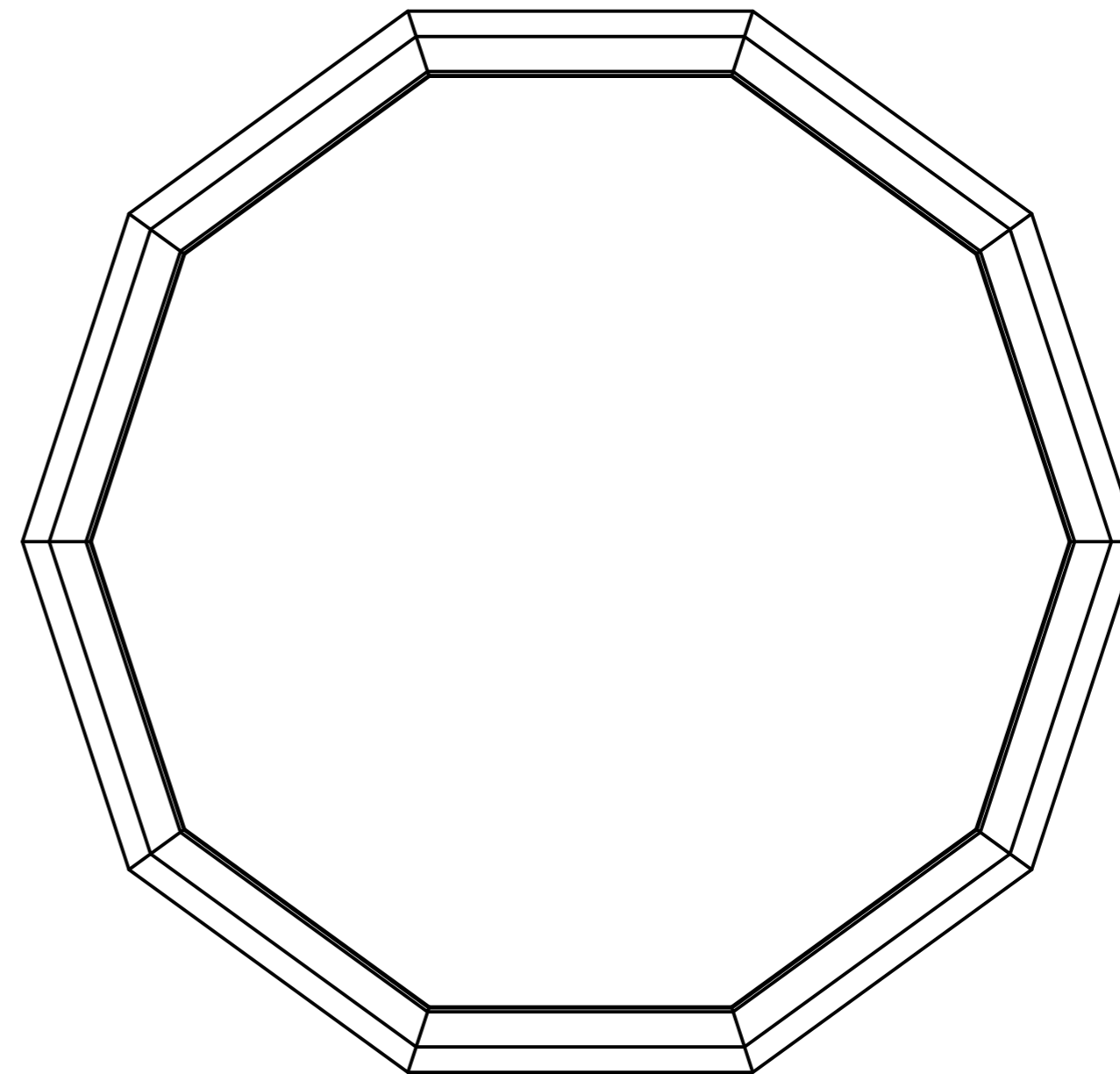
REFLECTED CEILING PLAN
CONFIG 1



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

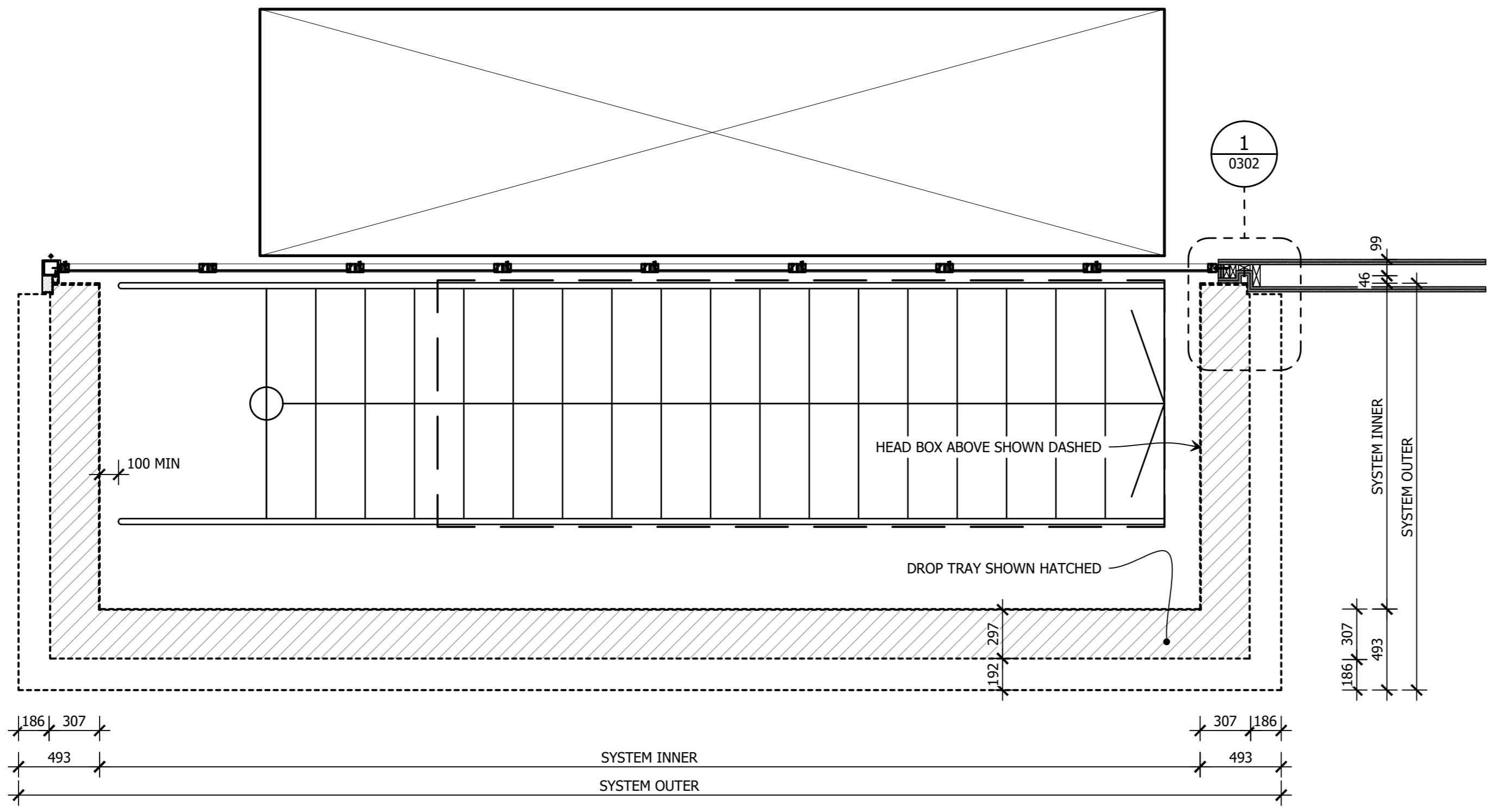
DRAWING NUMBER	REV
SCS - FHE-0102	-

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I.A.	FOR INFORMATION

START DATE	SCALE
11/09/2020	AS SHOWN @A2

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NO	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020



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

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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

DRAWN BY
 I.A.

ISSUE STATUS:
 FOR INFORMATION

START DATE
 11/09/2020

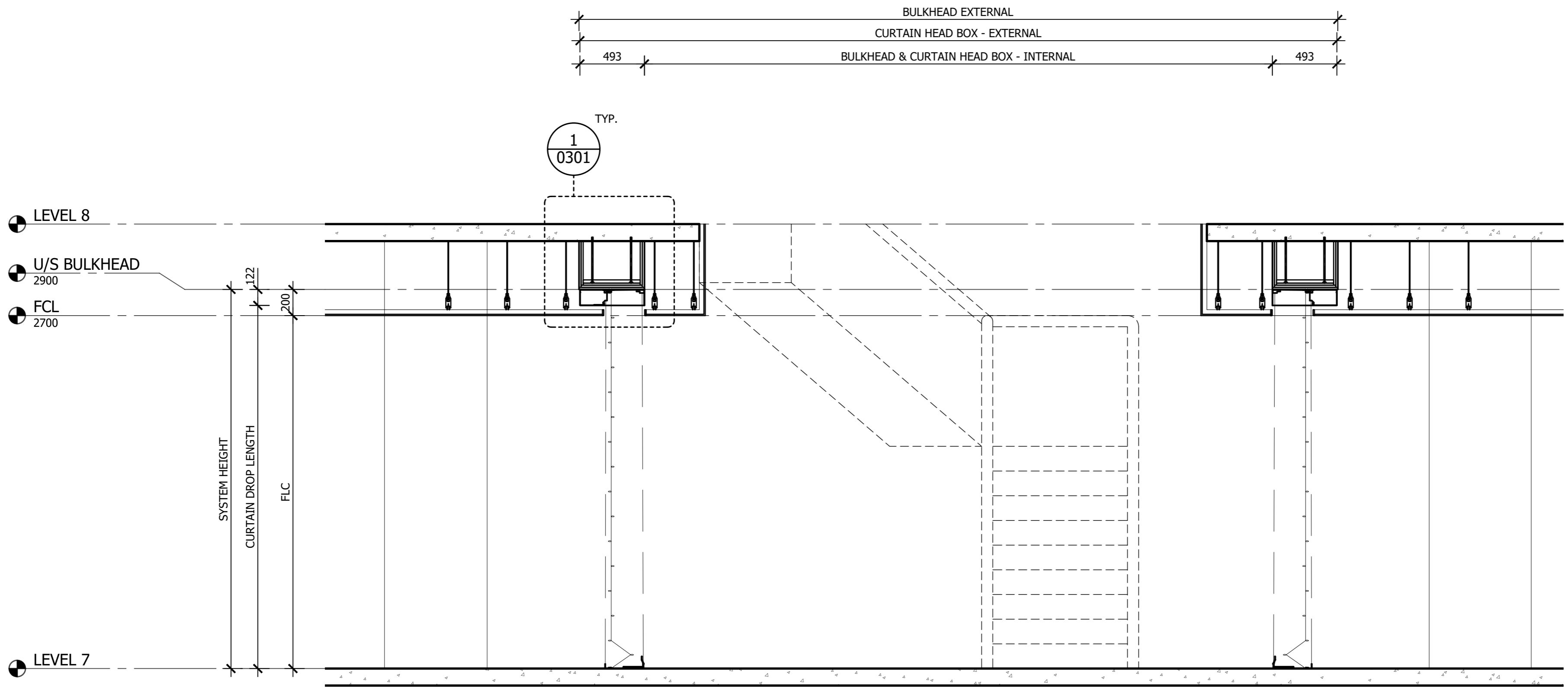
SCALE
 AS SHOWN @A2

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

420mm
 <<< 594mm

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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

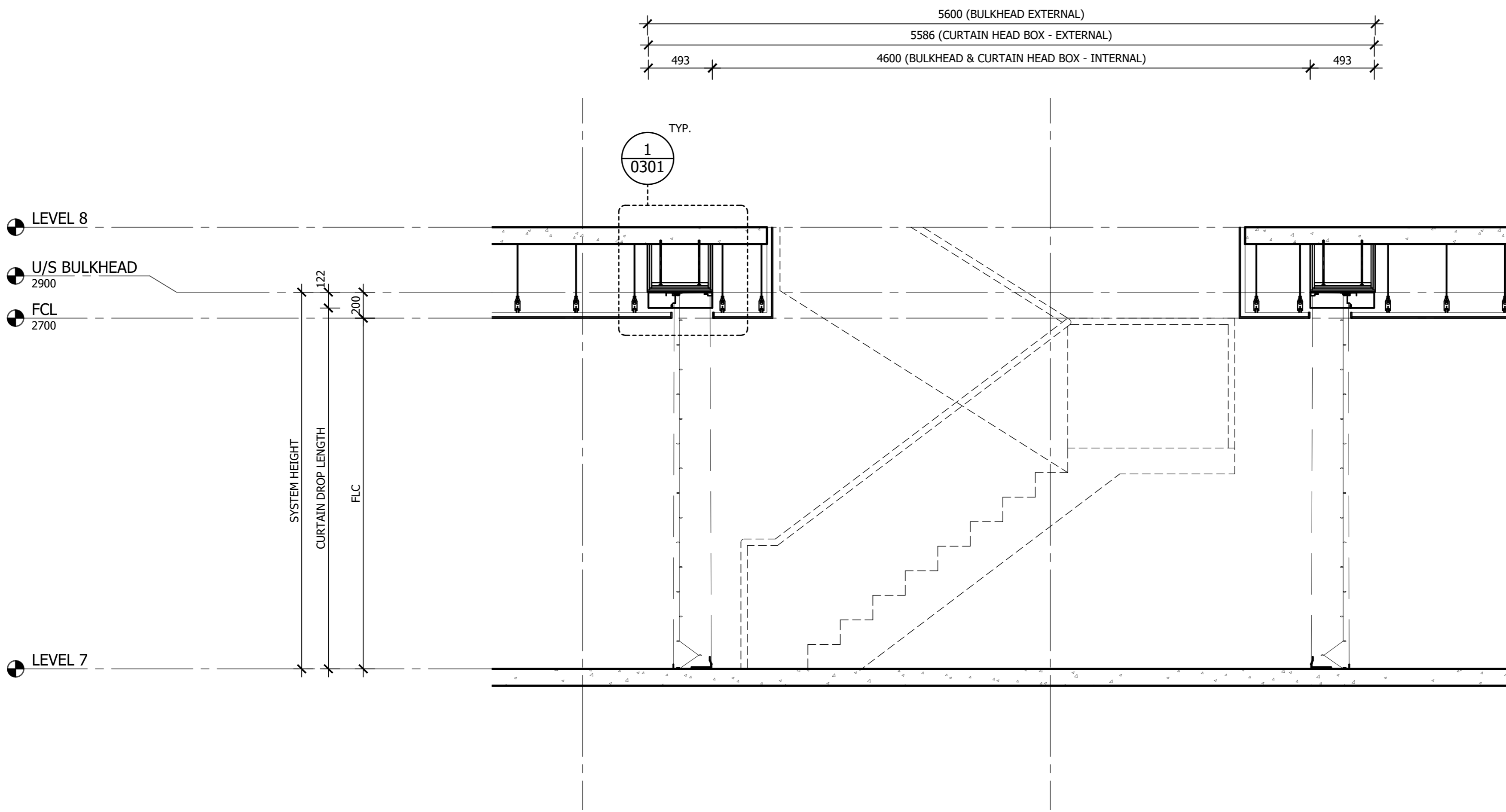
A ELEVATION LOOKING NORTH
 FYREHALT EVOLUTION - FIRE CURTAIN
 SCALE 1:25 @ A2

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420mm
 <<< 594mm

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-	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
SCS - FHE-0202

DRAWN BY
 I.A.

ISSUE STATUS:
 FOR INFORMATION

START DATE
 11/09/2020

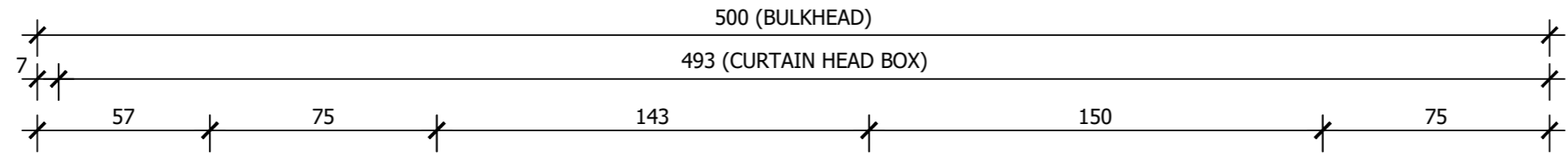
SCALE
 AS SHOWN @A2

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

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZIRA KHADIMI

420mm
 <<< 594mm

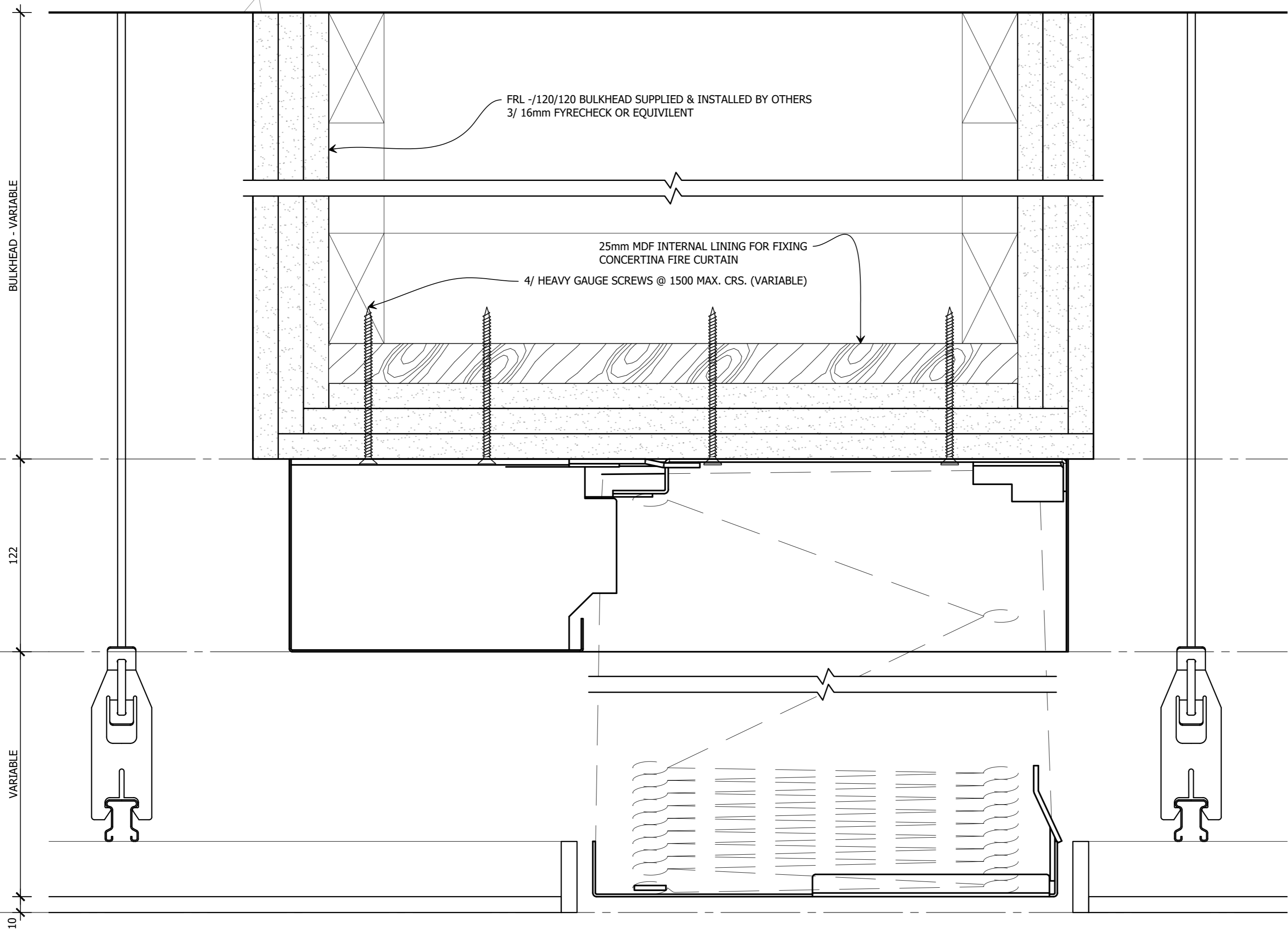
NOTE:
 BULKHEAD SUPPLIED, INSTALLED AND CERTIFIED TO FRL -/120/120 AND BE ABLE TO SUPPORT 45KG PER LINEAR METRE BY OTHERS.



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

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-	AC	FOR APPROVAL	11/09/2020



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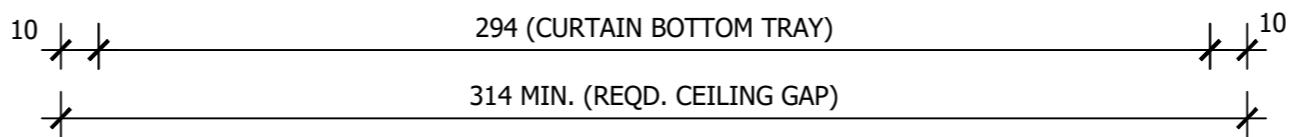
PROJECT
 SCS - FHE
 FYREHALT EVOLUTION STANDARD
 TEMPLATE

CLIENT

TITLE
 HEAD BOX DETAIL
 TYPICAL BULKHEAD FIXING

SUB SET (CATEGORY) 03 - DETAILS	
DRAWING NUMBER SCS - FHE-0301	REV -
DRAWN BY I.A.	ISSUE STATUS: FOR INFORMATION
START DATE 11/09/2020	SCALE AS SHOWN @A2

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

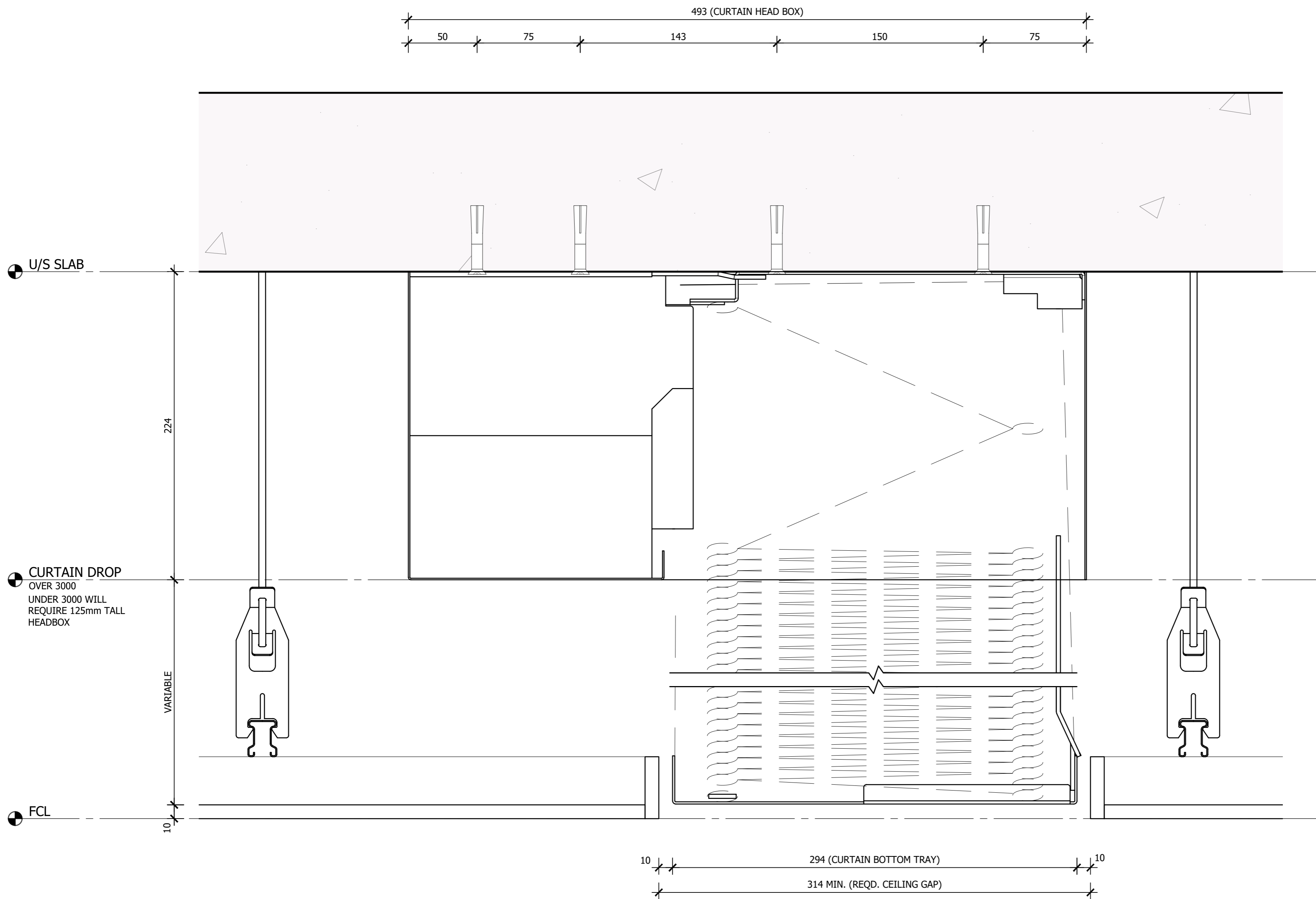


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>>> 420mm <<< 594mm

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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

DRAWN BY
 I.A.

ISSUE STATUS:
 SCALE AS SHOWN @A2

START DATE
 11/09/2020

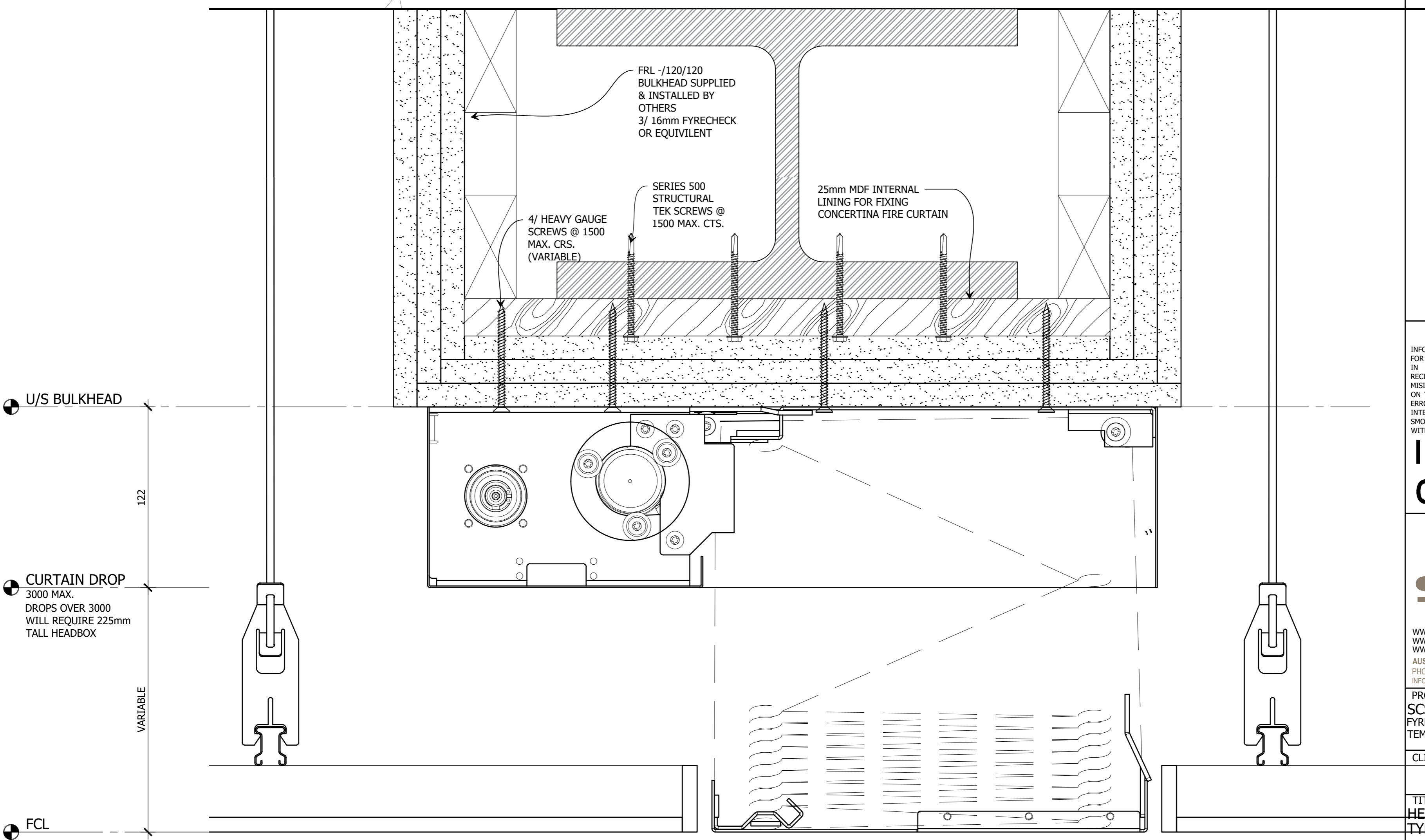
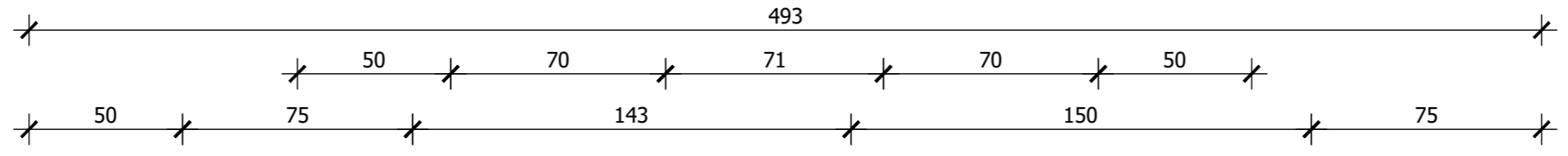
1 ELEVATION
 FYREHALT EVOLUTION HEADBOX: OVER 3000 DROP
 SCALE 1:2 @ A2

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420mm
 <<< 594mm

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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

DRAWN BY
 I.A.

ISSUE STATUS:
 AS SHOWN

START DATE
 11/09/2020

SCALE
 AS SHOWN @A2

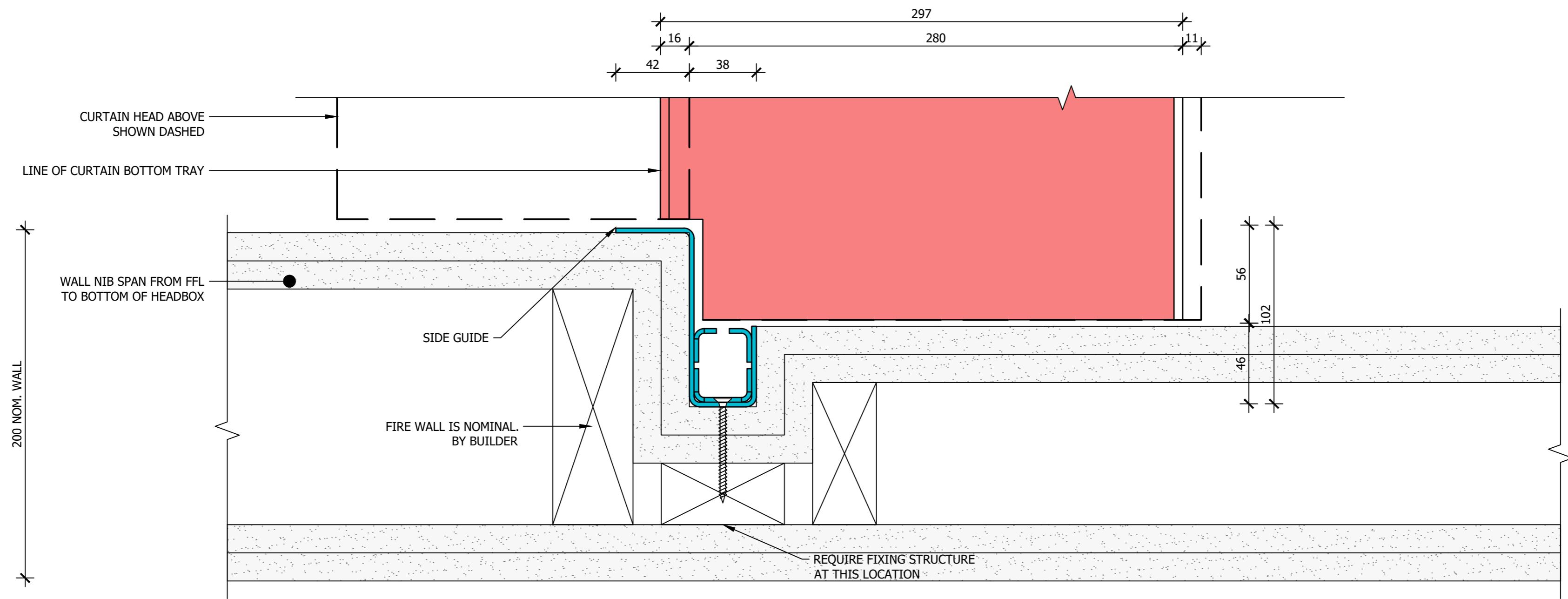
1 ELEVATION
 FYREHALT EVOLUTION HEADBOX: OVER 3000 DROP
 SCALE 1:2 @ A2

FILE: SCS-FHE.dwg --- PLOTTED ON 07/09/2022 BY OZIRA KHADIMI

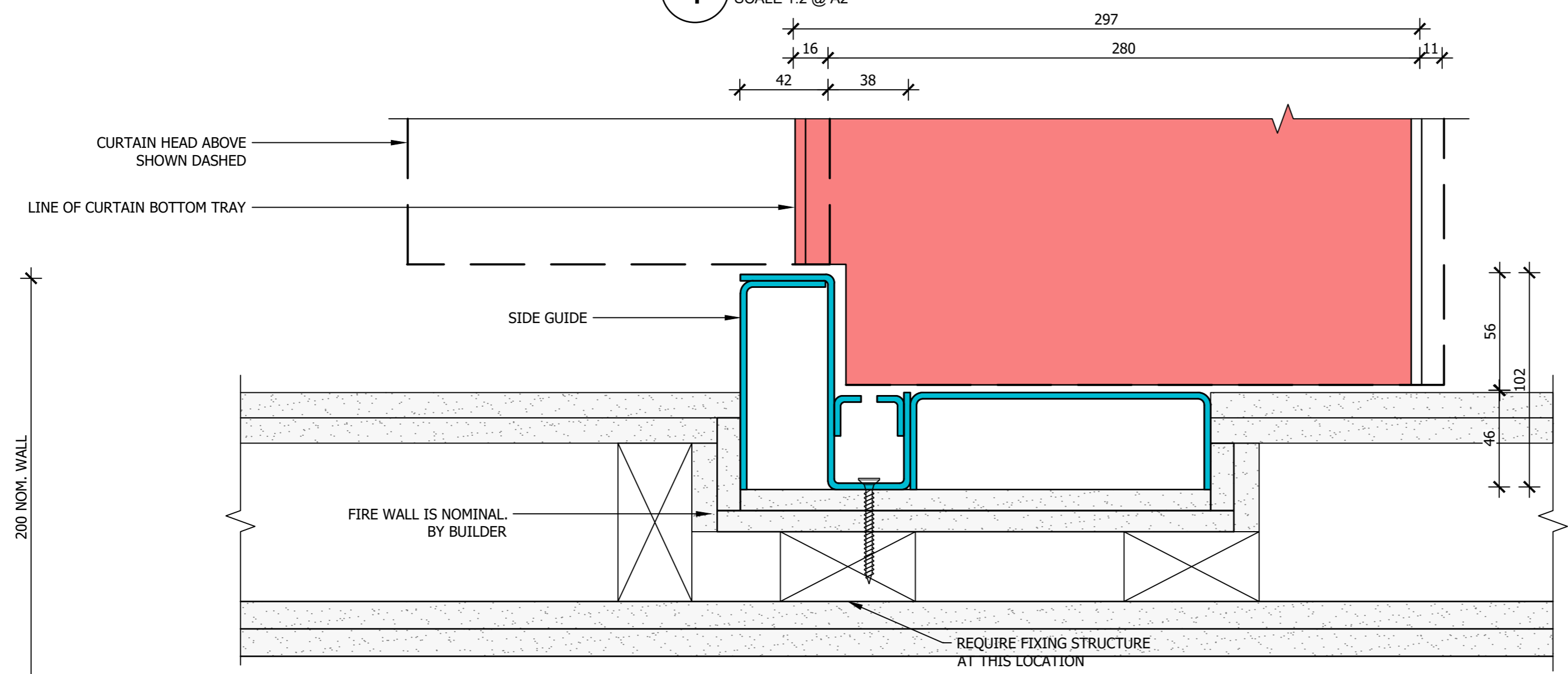
420mm
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REV	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020



1 PLAN END GUIDE DETAIL
 SCALE 1:2 @ A2



1 PLAN END GUIDE DETAIL
 SCALE 1:2 @ A2

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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

DRAWN BY
 I.A.

ISSUE STATUS:
 11/09/2020

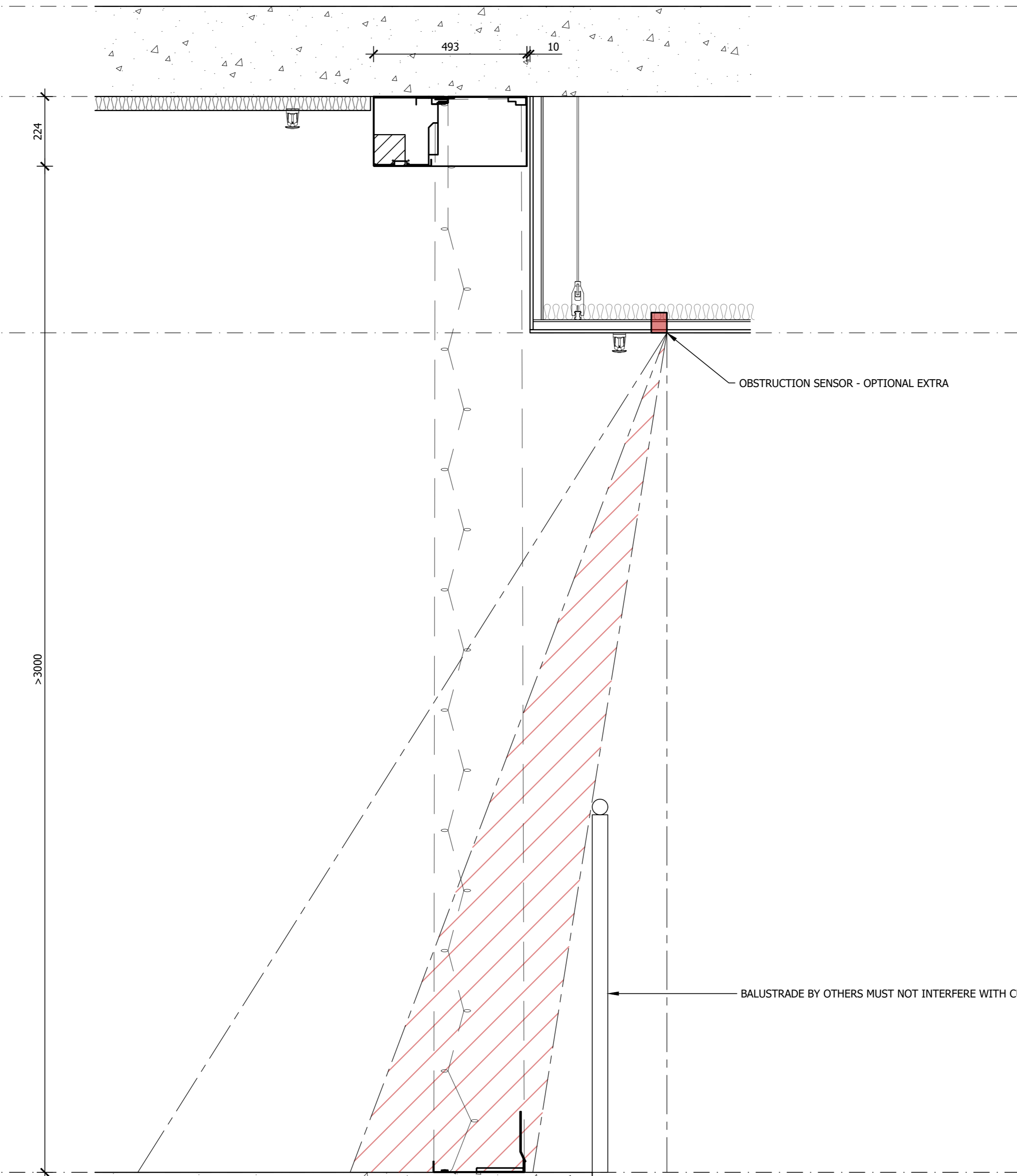
SCALE
 AS SHOWN @A2

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420mm
 <<< 594mm

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NO	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	REV
SCS - FHE-0305	-

DRAWN BY	ISSUE STATUS:
I.A.	

START DATE	SCALE
11/09/2020	AS SHOWN @A2

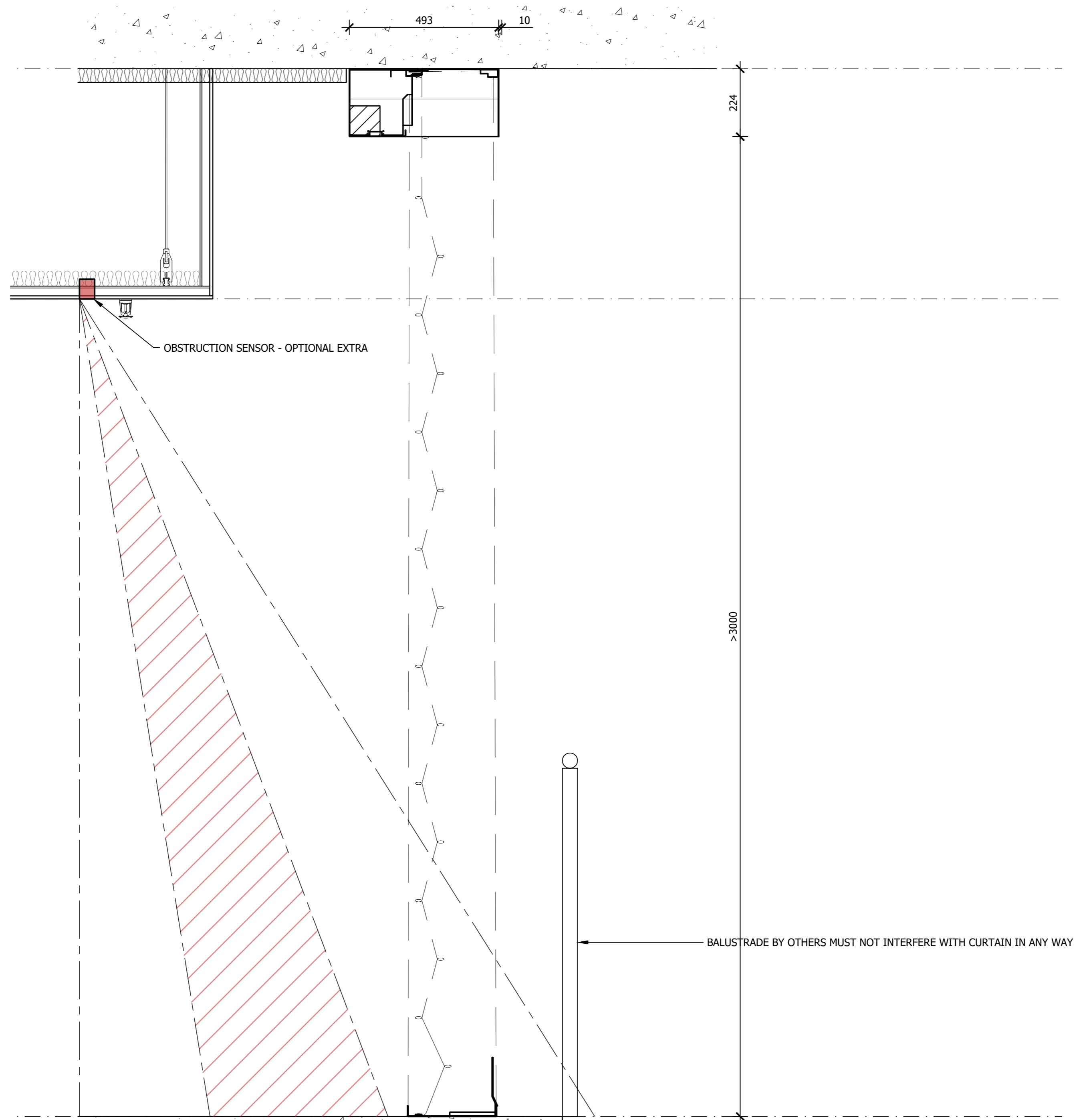
1 ELEVATION
 INTERNAL SENSOR MOUNT
 SCALE 1:10 @ A2

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

<<< 594mm

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-	AC	FOR APPROVAL	11/09/2020



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PROJECT
 SCS - FHE
 FYREHALT EVOLUTION STANDARD
 TEMPLATE

CLIENT

TITLE
 SENSOR MOUNTING - EXTERNAL

SUB SET (CATEGORY)
03 - DETAILS

DRAWING NUMBER	REV
SCS - FHE-0306	-

DRAWN BY	ISSUE STATUS:
I.A.	

START DATE	SCALE
11/09/2020	AS SHOWN @A2

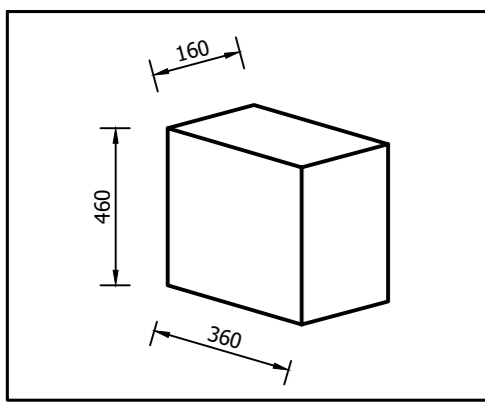
1 ELEVATION
 EXTERNAL SENSOR MOUNT
 SCALE 1:10 @ A2

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

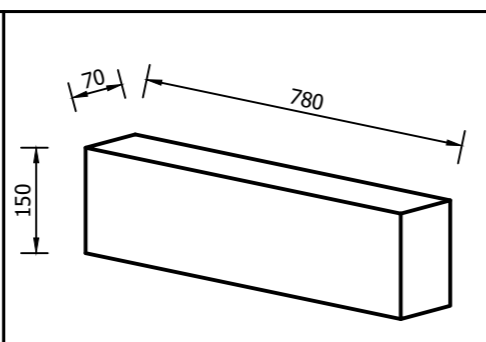
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REP	CHK	REASON	DATE
-	AC	FOR APPROVAL	11/09/2020

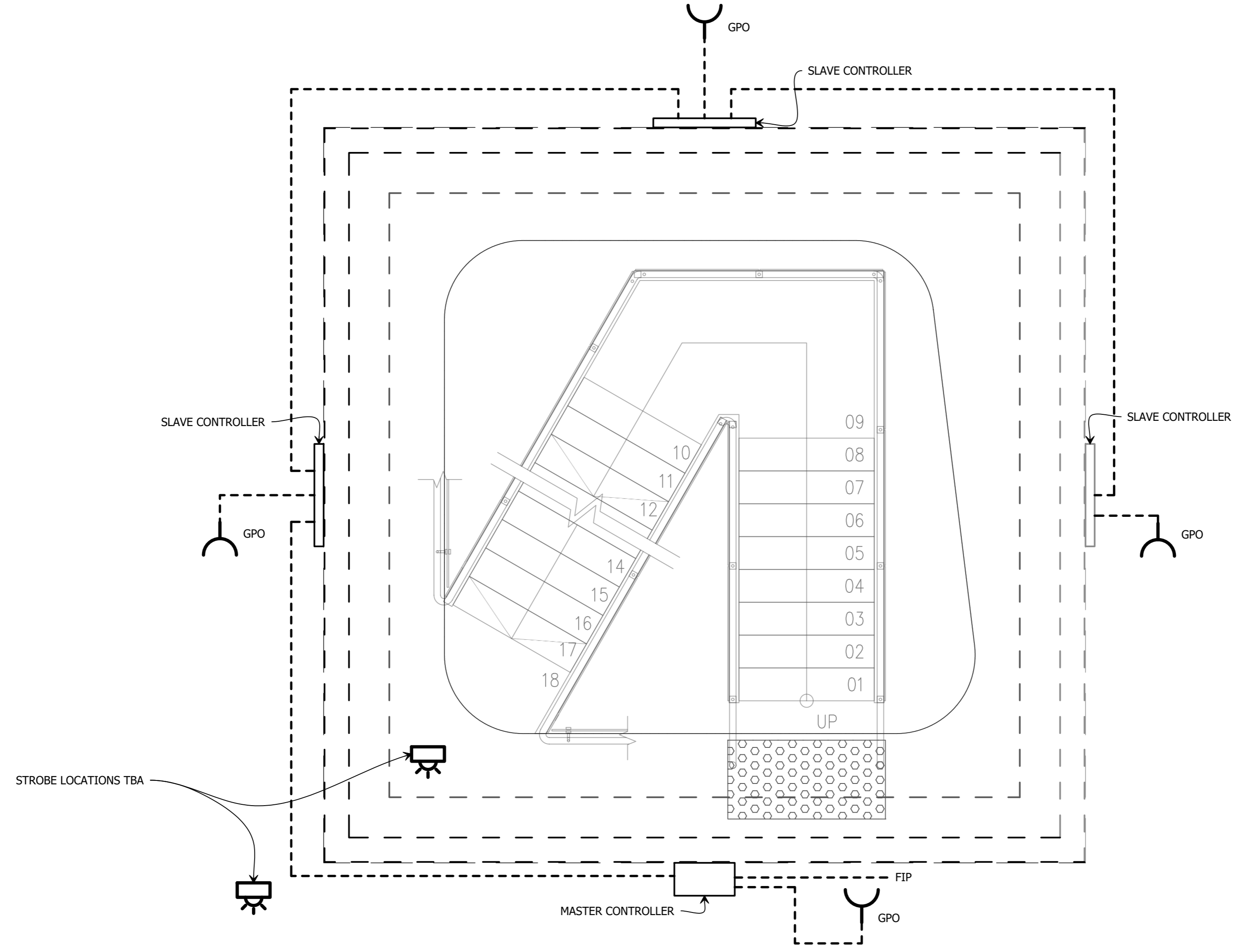
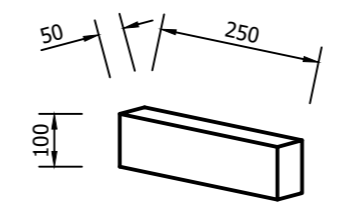


MASTER CONTROLLER
 CAN BE LOCATED WITHIN 15m OF ONE OF THE SLAVE CONTROLLERS WHICH ARE LOCATED CENTRAL OF NOMINATED STRAIGHT SECTIONS.
 REQUIREMENTS TO BE PROVIDED **BY OTHERS**:
 1. 240V 10A GPO;
 2. NORMALLY CLOSED DRY CONTACT TO FIP.



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.



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PROJECT
 SCS - FHE
 FYREHALT EVOLUTION STANDARD
 TEMPLATE

CLIENT

TITLE
 TYPICAL ELECTRICAL COORDINATION

SUB SET (CATEGORY)
04 - ELECTRICALS

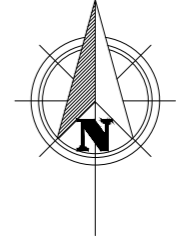
DRAWING NUMBER
SCS - FHE-1001

DRAWN BY
 I.A.

ISSUE STATUS:
 SCALE AS SHOWN @A2

START DATE
 11/09/2020

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

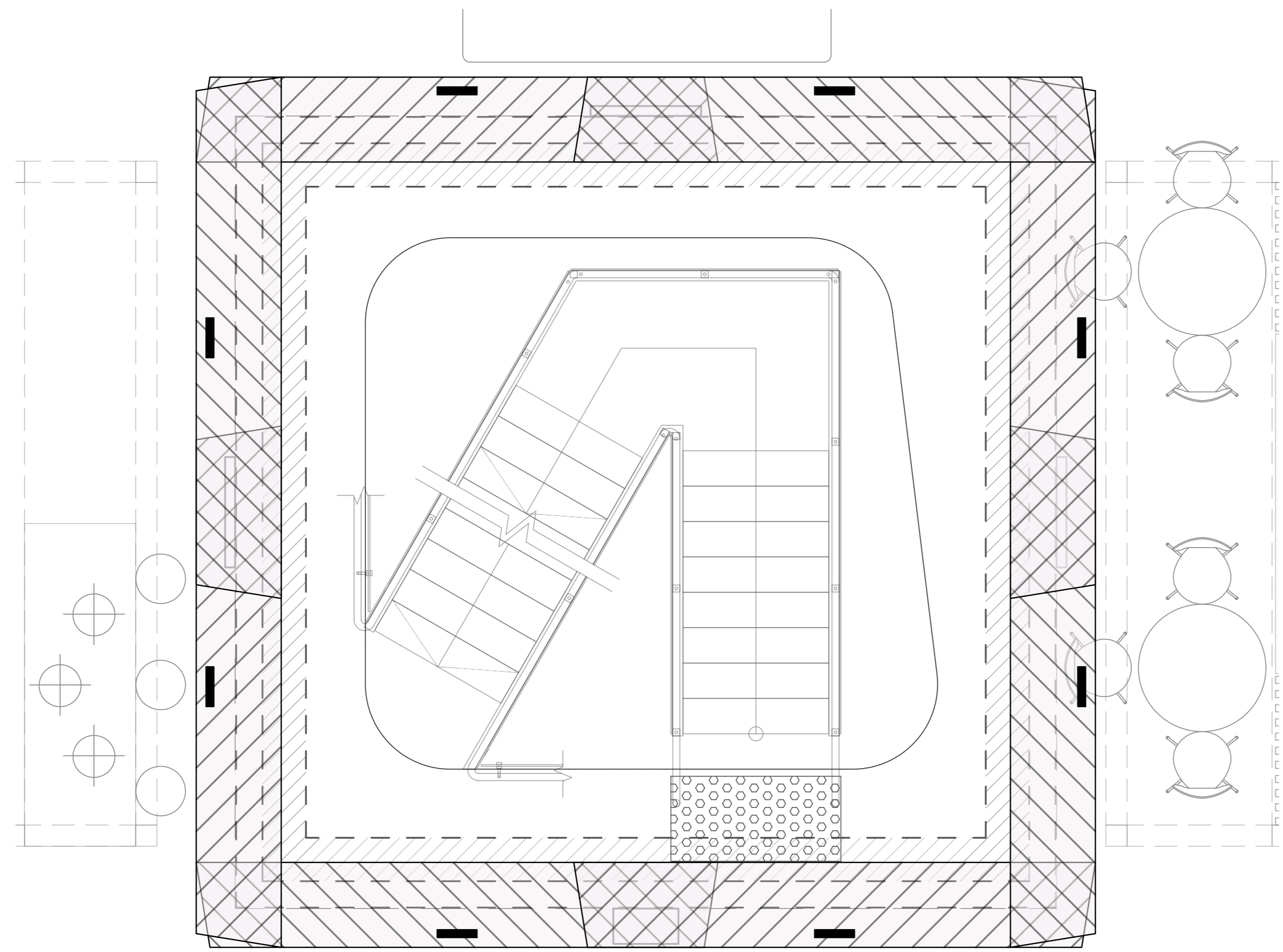


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420mm
 <<< 594mm

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PROJECT
 SCS - FHE
 FYREHALT EVOLUTION STANDARD
 TEMPLATE

CLIENT

TITLE
 OBSTRUCTION SENSOR SETOUT

SUB SET (CATEGORY)
04 - ELECTRICALS

DRAWING NUMBER	REV
SCS - FHE-1002	-

DRAWN BY	ISSUE STATUS:
I.A.	FOR INFORMATION

START DATE	SCALE
11/09/2020	AS SHOWN @A2

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

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

420mm
 <<< 594mm