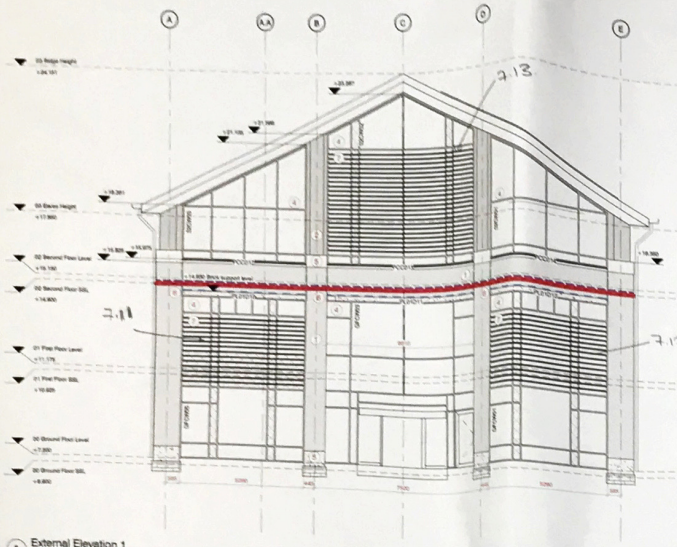
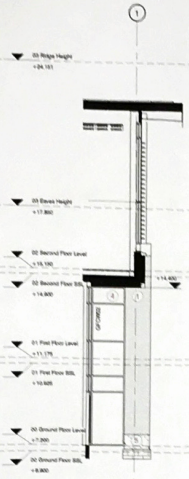
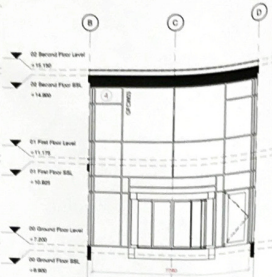


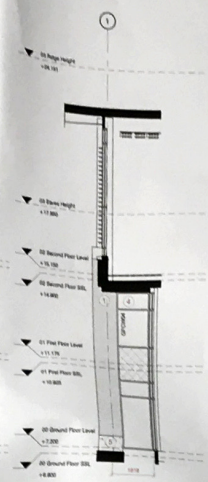
1 External Elevation 1
1 : 100



2 External Elevation 2
1 : 100

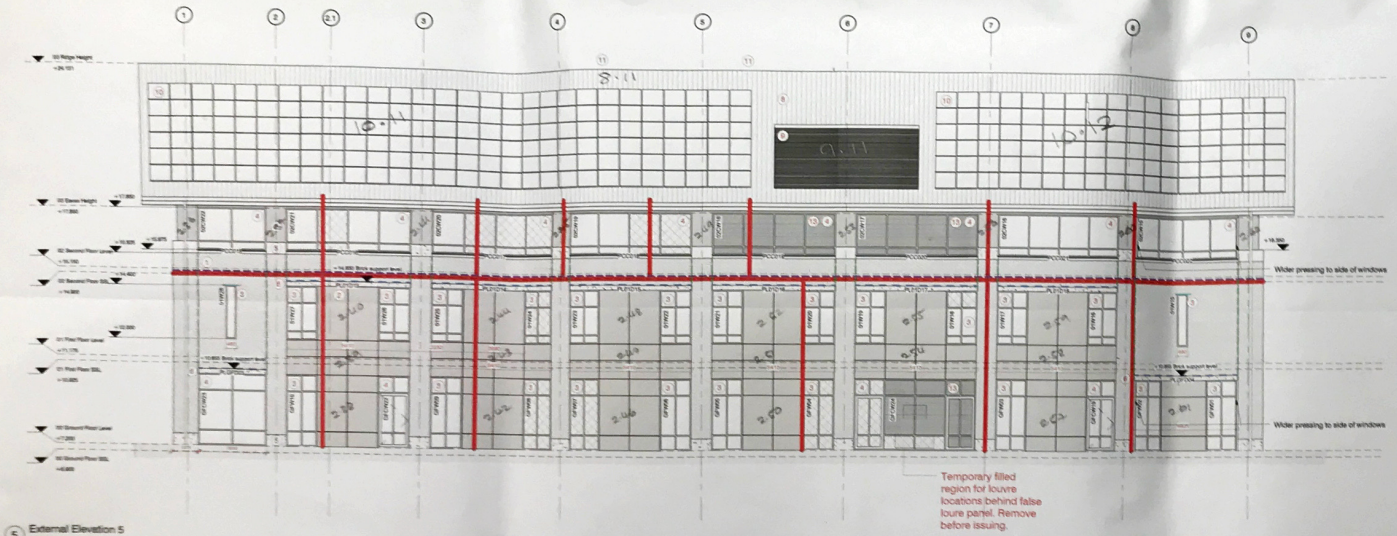


3 External Elevation 3
1 : 100



4 External Elevation 4
1 : 100

1 Facing brickwork - Ibstock Chester Red Blend - F10/110C
2 Aluminium rainscreen cladding for library - Ash & Lacy Ashtech Lingrid, Dark Grey PPC, colour RAL 7016 - H60/120A
3 Aluminium window - Kawneer AA541, dark grey PPC, colour RAL 7016 - L10/330
4 Vertical aluminium curtain walling - Kawneer AA100, dark grey PPC, colour RAL 7016 - H11/110
5 Concrete plinth/coping in brick piers
6 Precast concrete lintel - Portland stone acid washed, self colour
7 PPC shading louvres - L10/870A
8 Metal standing seam roof - H31/120A
9 PPC metal ventilation louvres
10 PV solar panels
11 PPC aluminium rooflight - H11/110C
12 Feature wall-mounted lighting
13 Supply / extract louvre
Glass look alike panel - with ceramic backing and bonded EPS insulation, colour of ceramic backing to be agreed - H11/110A
Vertical cavity barrier
Horizontal cavity barrier behind brickwork
Rendered blockwork, composite cladding, curtain walling or aluminium rainscreen cladding with cavity tray above and weepholes at 450mm centres (brickwork only)
Movement joint in brickwork
Structural movement joint
Lintel required
Bed-joint reinforcement - F30/270A
Brickwork structural support



5 External Elevation 5
1 : 100

FINAL CONSTRUCTION DRAWING CONFORMING TO INFORMATION PROVIDED TO THE ARCHITECT BY THE CONTRACTOR

A	C119	15/08/18	FINAL CONSTRUCTION
A5	C31	26/07/17	Window type amended to hide ceiling void
A5	C29	28/06/17	PCC1B references and cavity barriers added
A5	C24	26/05/17	Additional annotation added to drawing
A5	C23	16/05/17	Elec windows changed to 460mm structural opening width
A5	C21	10/05/17	Window symbols amended.
A5	C15	31/03/17	Brickwork support coordinated with Arezzo information. Specification references added to legend
A3	C14	30/03/17	Plant room louvre window and door amended. Movement joints in brickwork added. Lintel references added.
S1	P31	24/10/16	Stage 5 issue. Drawing number amended to new format
S1	P10	26.08.16	Stage 4 issue
S1	P8	17/08/16	Updated to current elevations
S1	P5	13/05/16	Building Regulation Application issue
S0	P4.7	28/04/16	Technical elevation first issue

CLIENT
University of Wales Trinity Saint David

REVISED BY: MSL
CHECKED BY: AMW
ORIGINATOR NO: 70266_02

CONSULTANT
STRIDE TREGLOWN

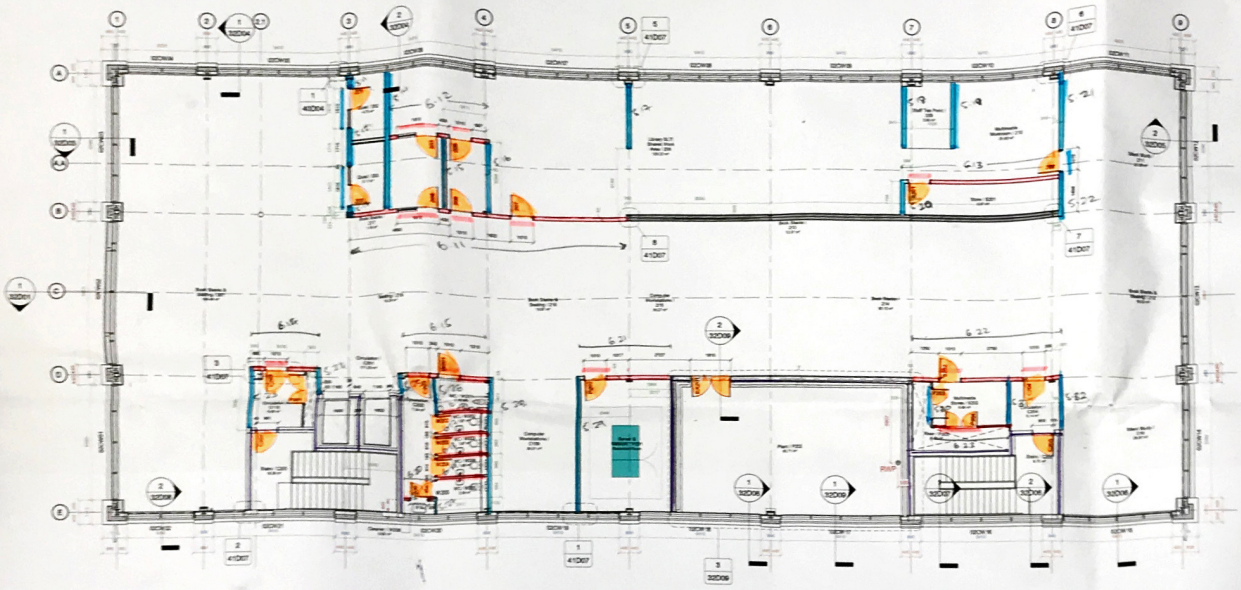
PROJECT
UWTSD Library
University of Wales Trinity Saint David
Swansea
SA1

DRAWING TITLE
Technical Elevations Sheet 1

SUITABILITY STATUS: A : FINAL CONSTRUCTION
SCALE: As indicated @ A1

PROJECT | ORIGINATOR | ZONE | LEVEL | TYPE | ROLE | CLASSIFICATION | NUMBER: UWTSD-STL-04-ZZ-DR-A-ZZZZ-21D01
REVISION: C119

(5) PPC SHADING LOUVRES
PL01



North

Key:

- Internal critical dimensions
- Internal partitions setting out to centre of wall
- External wall setting out - to brick dimensions
- External wall setting out - not to brick dimensions
- Slab penetrations setting out to centre
- Openings set out from grid lines

FINAL CONSTRUCTION DRAWING CONFORMING TO INFORMATION PROVIDED TO THE ARCHITECT BY THE CONTRACTOR

A	CC/N	15/08/18	FINAL CONSTRUCTION
A3	CC/J	16/02/18	Door opening direction amended to quad rooms
A2	CC/J	09/02/18	Encasement added to column and wall plate. Quad rooms door changed to type SC
A1	CM	24/08/17	FACETech and Library upper floor CAD plans issued to file
A0	CM	22/08/17	Wall type 19 added. Second floor library partition type drawing, setting out drawing and details amended to accommodate structural bracing along GL 6. MEP/CD updated accordingly.
A0	CC	04/08/17	WLCT/owner layout amended. Partition and door locations amended.
A0	CC/L	30/05/17	Internal door and screen numbers amended
A0	CC/N	15/05/17	Dimensions to RH door opening added to plan. Issued for construction
S1	PJH	03/12/16	Stage 2 Issue. CPI amended to contractors information
S1	PJC	07/10/16	General update issue. Drawing number amended to new format
S1	PJC	26.08.16	Stage 4 Issue

STATUS	REV	DATE	DESCRIPTION

CLIENT
University of Wales Trinity Saint David

REVISED BY
MDL

CHECKED BY
AMW

ORIGINATOR NO
70266_02

CONSULTANT
STRIDE TREGLOWN

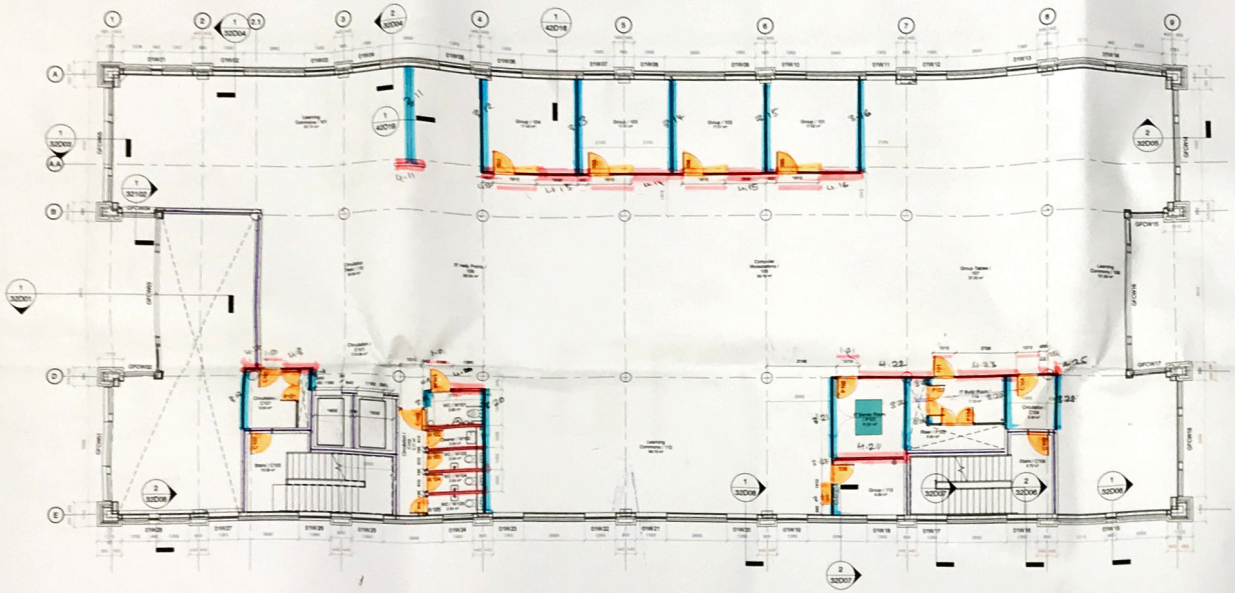
PROJECT
UWTSD Library
University of Wales Trinity Saint David
Swansea
SA1

DRAWING TITLE
Second Floor Plan

SUITABILITY STATUS	SCALE
A : FINAL CONSTRUCTION	As indicated @ A1

PROJECT / ORIGINATOR / ZONE / LEVEL / TYPE / ROLE / CLASSIFICATION / NUMBER	REVISION
UWTSD-STL-04-02-DR-A-ZZZZ-11D03	C119

1 Second Floor Plan
1 : 100



First Floor Plan
1 : 100

INTERNAL WALLS

BLOCK WORK

FINAL CONSTRUCTION DRAWING CONFORMING TO INFORMATION PROVIDED TO THE ARCHITECT BY THE CONTRACTOR

A	C119	12/09/18	FINAL CONSTRUCTION
A0	C111	08/01/18	Enclosement added to column and soil pipe. Quiet rooms door changed to type 1C
A1	C96	24/08/17	FM2/Tech and Library upper floor CAD plans issued to Eor
A3	C51	04/08/17	Internal doors/screens amended. Partition and door locations amended.
A5	C23	16/05/17	Std windows changed to 480mm structural opening width
A6	C21	10/05/17	Internal door and screen numbers amended
A8	C06	13/03/17	Dimensions to lift door opening added to plan. Issued for construction
S1	P34	10/11/16	Stage 5 issue. LPI amended to contractor information
S1	P30	07/10/16	General update issue. Drawing number amended to new format
S1	P22	26.08.16	Stage 4 issue

STATUS	REV	DATE	DESCRIPTION

CLIENT
University of Wales Trinity Saint David

ORIGINATOR
MDL

CHECKED BY
Anthony Walsh

DRAWING NO
70266_02

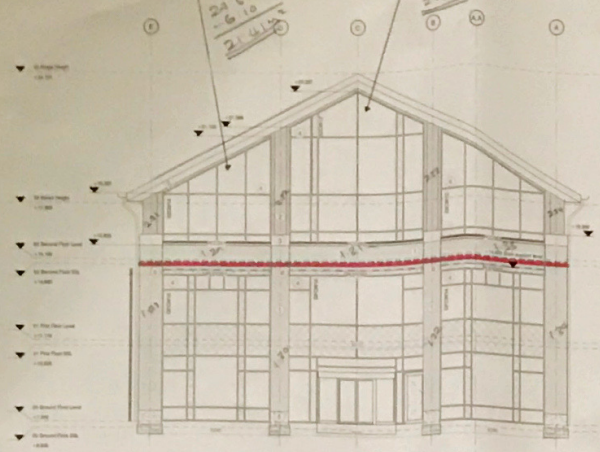
CONSULTANT
STRIDE TREGLOWN

PROJECT
UWTSD Library
University of Wales Trinity Saint David
Swansea
SA1

DRAWING TITLE
First Floor Plan

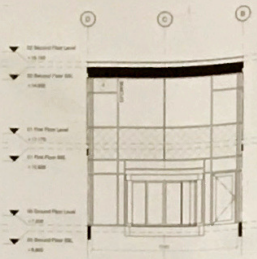
SUITABILITY STATUS	SCALE
A : FINAL CONSTRUCTION	As indicated @ A1

PROJECT | ORIGINATOR | ZONE | LEVEL | TYPE | ROLE | CLASSIFICATION | NUMBER	REVISION
UWTSD-STL-04-01-DR-A-ZZZZ-11D02	C119

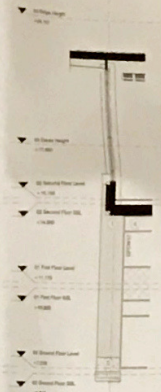


1 External Elevation 6
1 : 100

2 External Elevation 7
1 : 100



3 External Elevation 8
1 : 100



4 External Elevation 9
1 : 100

Facing brickwork - Ibstock Chessa Red Blend - FHS110C

Aluminium rainscreen cladding for library - Ash & Lacy Bertech Linginit, Dark Grey PPC, colour RAL 7016 - HS01/33A

Aluminium window - Kawneer AA541, dark grey PPC, colour RAL 7016 - LX1000

Vertical aluminium curtain walling - Kawneer AA100, dark grey PPC, colour RAL 7016 - HS1/11C

Concrete plinth/coping to brick joint

Precast concrete lintel - Portland lime acid washed, self colour

PPC shading louvres - LX1/07/0A

Metal standing seam roof - HS1/12/0A

PPC metal ventilation louvres

PV solar panels

PPC aluminium rooflight - HS1/11/0C

Feature wall-mounted lighting

Supply / extract louvre

Glass back alite panel - with ceramic backing and frosted EPS insulation, colour of ceramic backing to be agreed - HS1/11/0A

Vertical cavity barrier

Horizontal cavity barrier behind brickwork

Rendered blockwork, composite cladding, curtain walling or aluminium rainscreen cladding with cavity tray above and lowphases at 4000mm centres (brickwork only)

Movement joint in brickwork

Structural movement joint

Lintel required

Bed joint reinforcement - FX1/07/0A

Brickwork structural support

5 External Elevation 10
1 : 100

FINAL CONSTRUCTION DRAWING CONFORMING TO INFORMATION PROVIDED TO THE ARCHITECT BY THE CONTRACTOR

A	C119	15/05/18	FINAL CONSTRUCTION
A3	C81	30/07/17	Window type amended to hide ceiling void
A2	C85	28/08/17	PCC info reference and cavity barriers added
A1	C93	26/09/17	Grid windows changed to 4400mm structural opening width
A	C94	31/10/17	Brickwork support coordinated with mullion information type/thickness references added to legend
H1	C94	30/10/17	Lintel reference added
S1	P91	09/10/18	Stage 3 Issue. Drawing number prefix changed to new format
S1	P10	25.09.18	Stage 4 Issue
S1	P8	17/08/18	Updated to current regulations
S1	P1	13/01/18	Building Regulations Application Issue
S0	P4.7	28/04/18	Technical elevation first issue

STATUS | REV | DATE | DESCRIPTION

CLIENT
University of Wales Trinity Saint David

REVISED BY
MGL

CHECKED BY
AMW

DRAWING NO
7Q266_02

CONSULTANT
STRIDE TREGLOWN

PROJECT
UWTSD Library
University of Wales Trinity Saint David
Swansea
SA1

DRAWING TITLE
Technical Elevations Sheet 2

SUITABILITY STATUS
A - FINAL CONSTRUCTION

SCALE
As indicated @ A1

PROJECT | ORIGINATOR | ZONE | LEVEL | TYPE | ROLE | CLASSIFICATION | NUMBER
UWTSD-STL-04-ZZ-DR-A-ZZZZ-21D02

REVISION
C119

EXTERNAL ELEVATION 10

① FACADE BRICKWORK

1.11 = 1100 x 3950 = 8.245 m²
1.12 = 4922 x 5100 − (145 x 235) = 24 047 m²
1.13 = 890 x 3950 = 7.096m²
1.14 = 4922 x 1200 = 5 906m²
1.15 = 890 x 3950 = 7 045m²
1.16 = 4922 x 1200 = 5 906m²
1.17 = 890 x 3950 = 7 095 m²
1.18 = 4922 x 1200 = 5 906m²
1.19 = 890 x 3950 = 7 095 m²
1.20 = 4922 x 1200 = 5 906m²
1.21 = 890 x 3950 = 7.095m²
1.22 = 4922 x 1200 = 5 906m²
1.23 = 890 x 3950 = 7.095 m²
1.24 = 4922 x 1200 = 5.906m²
1.25 = 890 x 3950 = 7.095m²
1.26 = 8000 x 5100 − (145 x 235) = 14 282m²
1.27 = 1100 x 3950 = 6 745 m²

TOTAL 140.74m²

ELEVATION 10

④ WORKING PANEL/MULLION CENTRES DIMENSIONS

02C W05 = 206 x 188 = 5.95 m²
02C W05 = 5.40 x 1.88 = 10.15 m²
02C W06 = 5.40 x 1.88 = 10.15 m²
02C W09 = 5.40 x 1.88 = 10.15 m²
0 2C W08 = 5.40 x 1.88 = 10.15 m²
02C W09 = 5.40 x 1.88 = 10.15 m²
02C W10 = 6.00 x 1.89 = 11.21 m²
GFC W06 = 2.06 x 3.23 = 9.88 m²
GFC W07 = 5.40 x 3.23 = 17.44 m²
GFC W08 = 5.40 x 3.23 = 17.44 m²
GFC W09 = 5.40 x 3.23 = 17.44 m²
GFC W10 = 6.00 x 3.23 = 19.44 m²
GFC W11 = 5.40 x 3.23 = 17.44 m²
GFC W12 = 5.40 x 3.23 = 17.44 m²
GFC W13 = 4.80 x 3.23 = 15.50 m²

TOTAL 208.24 m²

EXTERNAL ELEVATION 6

③ FACADE BRICKWORK

1.29 = 7.95 x 1.10 = 8.75
1.28 = 1.20 x 5.20 =
1.30 = 0.89 x 5.20 =
1.31 = 1.12 x 6.50 =
1.32 = 0.89 x 5.20 =
1.33 = 1.12 x 6.50 =
1.34 = 9.95 x 1.10 =

EXTERNAL ELEVATION 10

⑤ CONCRETE PLINTH / COPING

C11 = 1.10 x 0.50 = 0.55
C12 = 1.10 x 0.65 = 0.72
C13 = 0.89 x 0.50 = 0.45
C14 = 0.89 x 0.65 = 0.58
C15 = 1.12 x 0.50 =
C16 = 1.12 x 0.65 =
C17 = 0.89 x 0.50 =
C18 = 0.89 x 0.65 =
C19 = 1.12 x 0.50 =
C20 = 1.12 x 0.65 =
C21 = 0.89 x 0.50 =
C22 = 0.89 x 0.65 =
C23 = 1.12 x 0.50 =
C24 = 1.12 x 0.65 =
C25 = 0.89 x 0.50 =
C26 = 0.89 x 0.65 =
C27 = 1.10 x 0.50 =
C28 = 1.10 x 0.65 = 0.72

EXTERNAL ELEVATION

⑥ FINISHED CONCRETE LINTEL

6.11 = 4.89 x 0.20 = 0.98
6.12 = 5.32 x 0.20 = 1.06
6.13 = 5.32 x 0.20 = 1.06
6.14 = 5.32 x 0.20 = 1.06
6.15 = 5.32 x 0.20 = 1.06
6.16 = 5.32 x 0.20 = 1.06
6.17 = 5.32 x 0.20 = 1.06
6.18 = 8.00 x 0.20 = 1.60

EXT ELEVATION

② ALUMINIUM CANOPY CLADDING

2.11 = 0.00 x 1.58 = 1.42
2.12 = 0.90 x 1.58 = 1.42
2.13 = 0.62 x 2.25 = 6.16
2.14 = 5.32 x 1.58 = 8.25
2.15 = 0.00 x 1.58 = 1.42
2.16 = 2.82 x 2.25 = 6.16
2.17 = 5.32 x 1.58 = 8.25
2.18 = 0.90 x 1.58 = 1.42

CONTINUED ↓