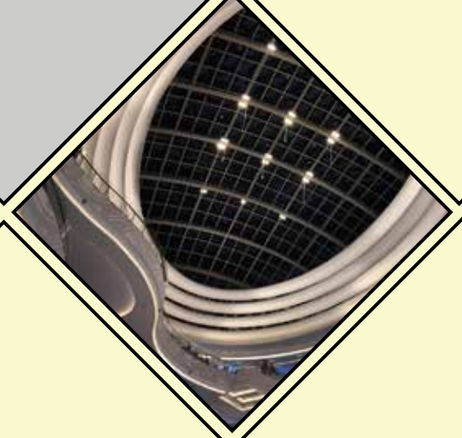










studio-cad.com

STUDIO CAD INTERNATIONAL LTD.

DESIGN PORTFOLIO

Contact information:

Studio CAD International LTD.

studio-cad.com

www.studio-cad.com
office@studio-cad.com

+359 2 443 5491
+359 88 918 7195

5 D. Nemirov str.
1324 Sofia, Bulgaria

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MISSION + PHILOSOPHY

Studio CAD LTD. is a design bureau, specialized in the development of Shop Drawings and Production Drawings for fabricators and commercial contractors in Europe and North America. We offer professional service in the design and construction of building façades, integrate well known systems in the buildings and/or assist in the development of new and innovative systems in the fields of curtain walls and stone cladding.

Over 10 years of making shop drawings in the real world environment (Bulgaria and abroad), allowed us to obtain extensive knowledge of materials from different industries, technologies for their treatment and installation, as well as their mutual interaction. This gives us the opportunity to develop projects of different complexity and size, while our knowledge in construction, different materials and technologies help us design details of any kind and create an end product characterized with high precision and uncompromised clarity.



Studio CAD at home in the office (2018) || Ani, Elislava, Mila, Stoyan, Yassen and Ivan (from left to right)

We strive to satisfy all client needs, taking into consideration their mechanical equipment and human resources, as well as not deviating from their working methods. Our goal is to offer our best design services in the field of façade engineering. We believe that our experience and capabilities allows us to submit innovative and practical solutions that meet the requirements of modern architecture. We offer details, constructions, specifications, quality check of details submitted by other companies, security and stability check of aluminum curtain wall systems, etc. We take into consideration all project requirements every step of the way and strive for the best final result possible.

Shop drawings are essential for the development of every project. By being the only common language for dialogue between all parties involved in the process, high quality shop drawings allow for all processes, from preliminary design to product installation, to run smoothly and without any problems. Architects and designers receive clear and exact drawings with thoroughly thought through details. General contractors receive all information regarding materials and technologies being used. Subcontractors – all information needed for installation.

As we develop a project from beginning to end, we provide support at all stages of the production process. It starts with preliminary documentation needed by the manufacturer to make a proposal for a specific job. Continues with specific solutions and development of all needed drawings, solving all the necessary details for a given project. Production and assembly drawings needed for manufacturing are produced in the final stage.

TEAM



Yassen Pashov

CEO | Chief of Design

26 years experience in the field of Façade Engineering & Building Construction

yass@studio-cad.com

+359 88 872 6443

Currently Studio CAD has 8 employees highly trained in the analysis and overcoming of complex façade engineering tasks at its tips. With background in the engineering and architectural fields and with their unique team spirit, our designers are capable of making everything possible.

... Actually, there are 8 employees, if we count our Yorkshire terrier Chief of Security - Arya. :)



Studio CAD at home in the office (2018) || Ani, Elislava, Mila, Stoyan, Yassen and Ivan (from left to right)

We aim to give maximum information in our drawings. Our drawings are extremely detailed and clear, and at the same time easy to read and comprehend. All documentation is set in order with clear logical links between different drawings when finalized.

In the drafting process, we have integrated special quality control and inspection methods at all stages. This helps us find and eliminate potential mistakes very early on. We also use CAD-PLAN GmbH's façade engineering software ATHENA. This leads to automation of the development and eliminates the human mistake factor. All of this gives our clients additional insurance against loss in their manufacturing and installation process.

Studio CAD provides the highest end services possible. Our highly experienced team, the dedication of each individual to develop and the excellent work environment constitute towards mutual cooperation and upgrade.

Studio CAD's head office is based in Sofia, Bulgaria, but the bureau is free to cooperate with projects all over the world.



Studio CAD at home in the office (2018) || Mila, Yassen and Arya, Ani and Ivan (from left to right)

WORK PROCESS

ANALYSE

Every project begins with the preparation of an extensive analysis of all technical information given by the contractor, as well as reviewing the client's wishes, thus setting the proper course of action for each individual case.

SOLVE

Further, our designers start looking for the possibilities that the project and the current market offer, giving the client a set of suitable design decisions that are the best for their needs and help them make the right choice.

VISUALIZE

In the end, our team deals with the proper visualization of all design decisions. Our high quality drawings give our clients and their colleagues a smooth and comprehensive experience troughout the whole construction process.

CAD-PLAN GmbH

In 2009 Studio CAD becomes the official representative of CAD-PLAN GmbH and authorised reseller of their specialized façade engineering software - ATHENA, for Bulgaria. Together with this Studio CAD offers training courses in the latest versions of ATHENA and AutoCAD, student licenses of the software, as well as flixo and SJ Mepla calculation softwares. Studio CAD has visited the BAU 2013, BAU 2015 and BAU 2017 exhibitions in Munich, Germany as guest presentors of ATHENA for prospective bulgarian clients of CAD-PLAN at the exhibition.



Studio CAD at the construction site of VISION CLINIC in Sofia, Bulgaria (2014) || Nadya, Yassen, Tsvetomir and Julia (from left to right)

SERVICES

Studio CAD offers a wide range of services in regards to façade design and engineering.
Some of these include:

- Surveying
- Tender
- Shop drawings
- Production drawings
- 3D modeling
- Structural calculations
- Submittal
- Execution
- Consulting
- Project observation
- BIM
- Thermal modeling
- Diagnostic analysis
- ...and many more

CLIENT REFFERENCES

- "We reviewed your shop drawings and we were impressed with the quality of the work your company produced. Attention to detail was great, you flushed out the details that were missing, you collected SF data and reported it, nomenclature was clear, page labeling and reference back to plan view was all clear. Thank You for the great work." - Rich Booms | Booms Stone Company
- "We would like to start using your company exclusively instead of the local company. Your drawings are more detailed and accurate and almost every detail is covered which is difficult to find." - Mark Boomgardner | Booms Stone Company
- "Thank you for the sample shop drawing. The best I've ever seen." - Alan Henderson | Alamo Tile & Stone
-
-



WORLD MAP OF COMPLETED PROJECTS

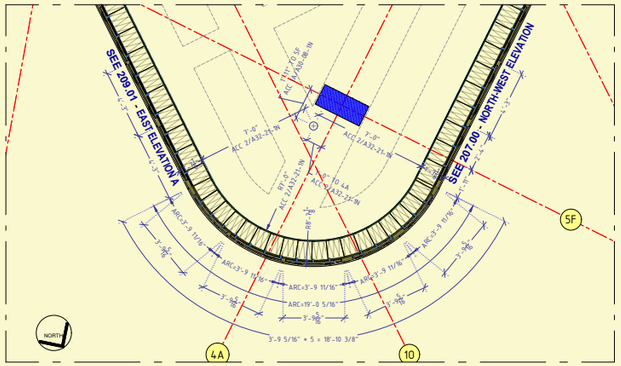
STUDIO CAD LIFESPAN + SELECTED PROJECTS

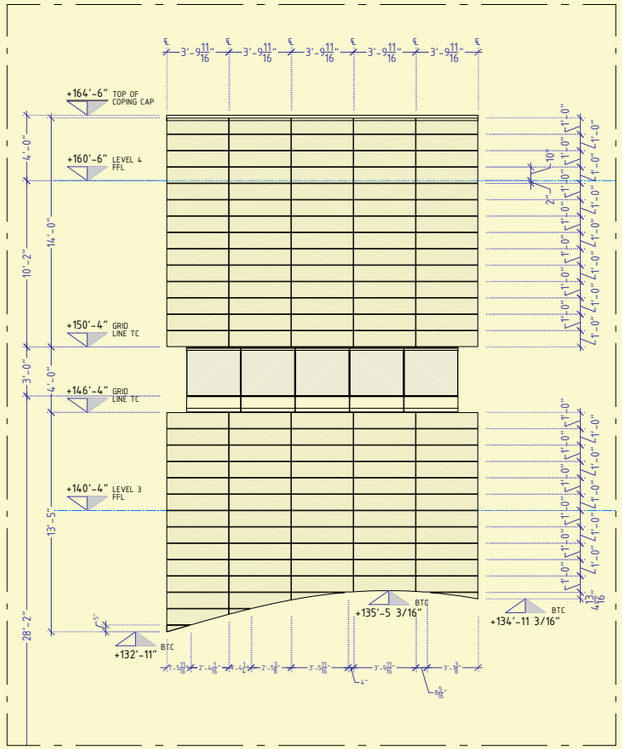


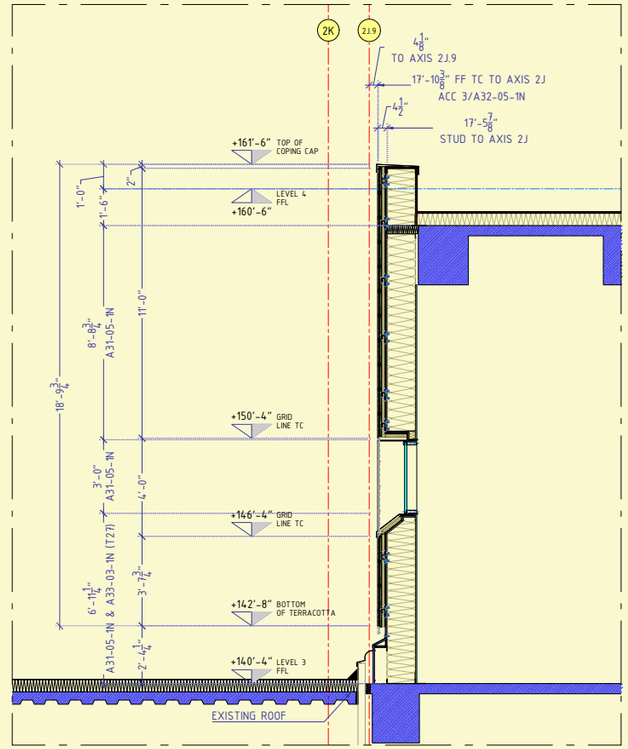
OU MEDICAL CENTER

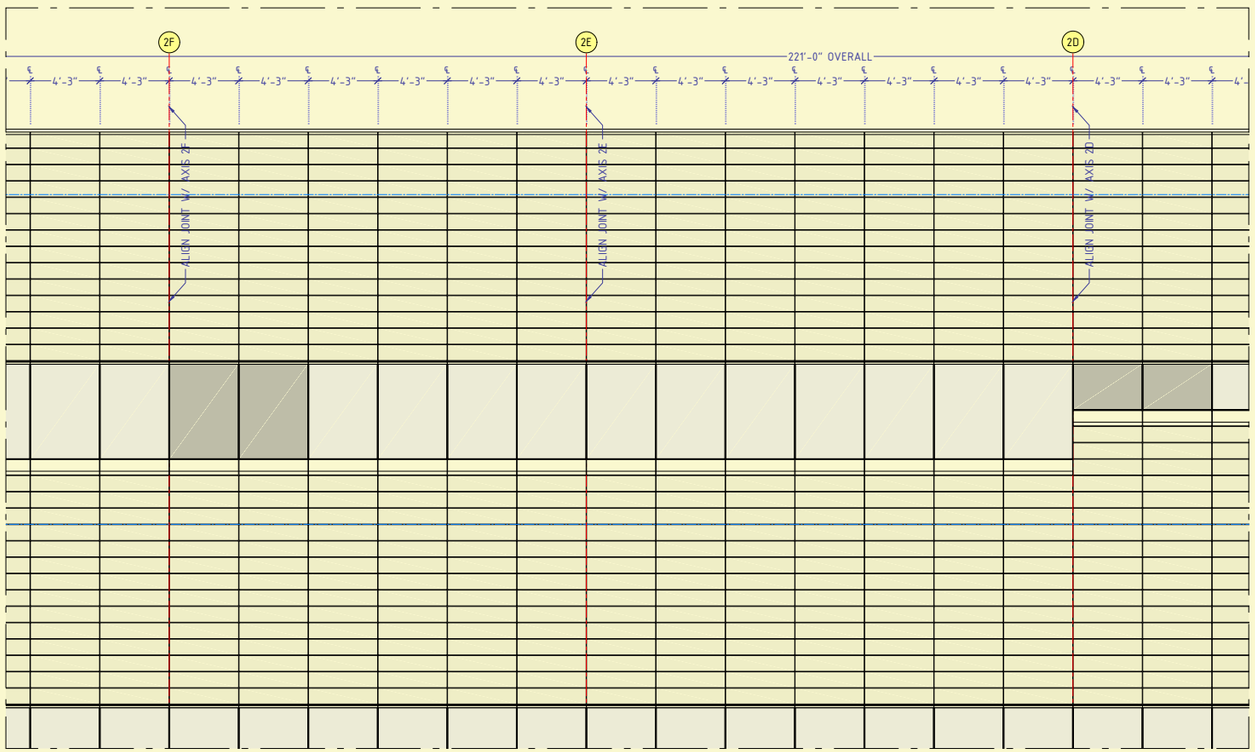
PERKINS+WILL

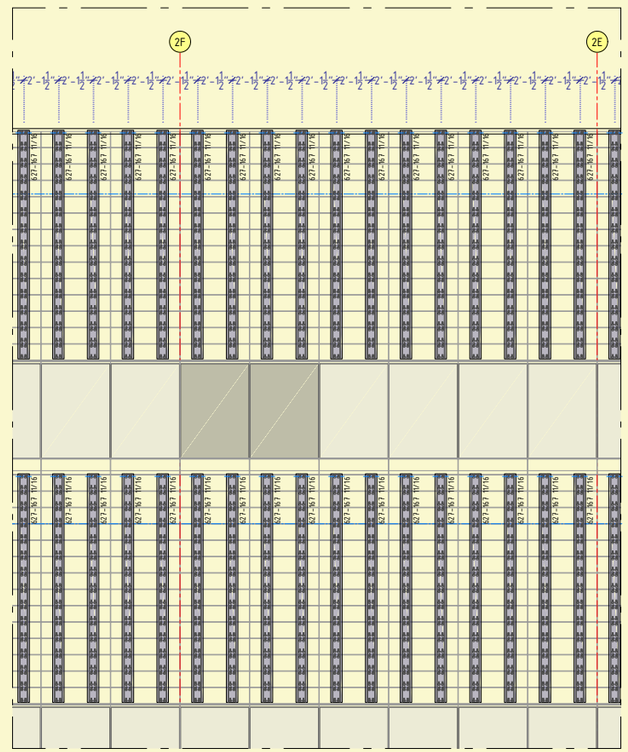








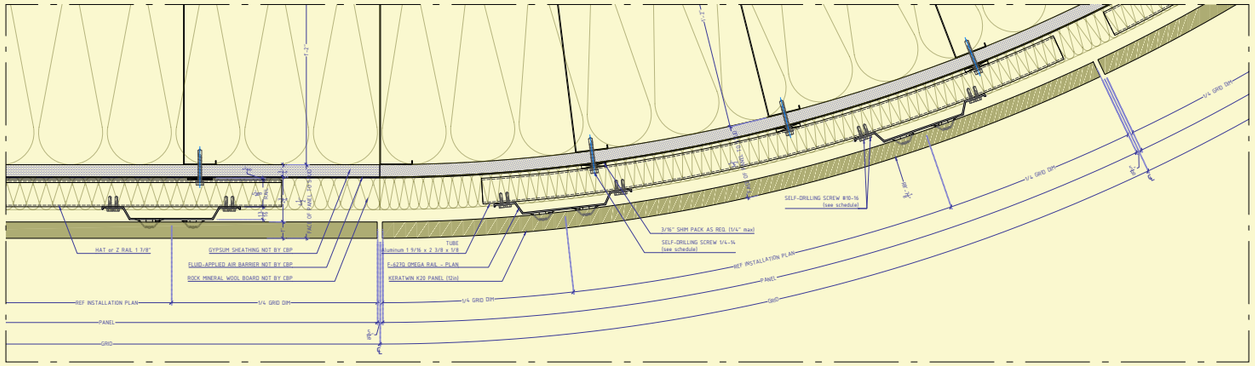


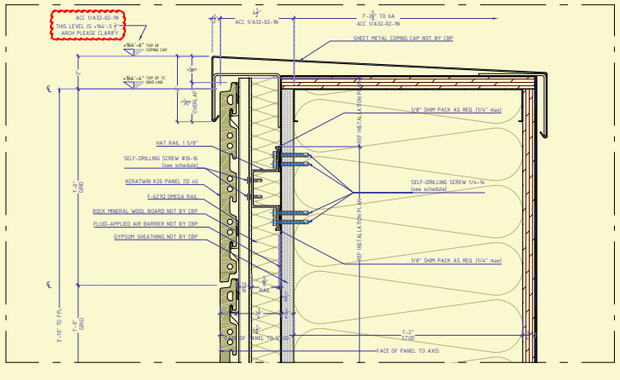


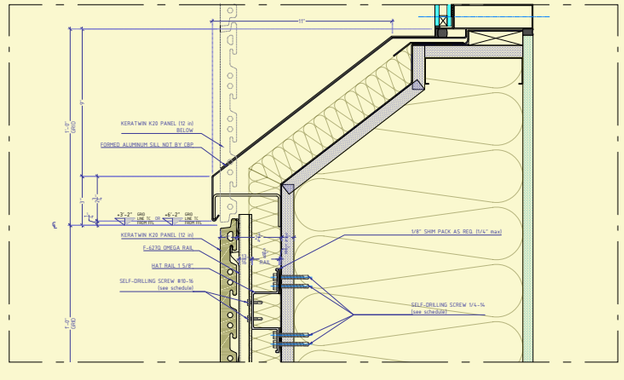
Location:	Oklahoma City, USA
Date of completion:	2018
Area:	1 709 m²
Shop Drawings:	107 pcs @ ARCH D
Contractor:	CB Products & Q-VENT

Scope of Services:

Shop drawings for terracotta wall cladding.

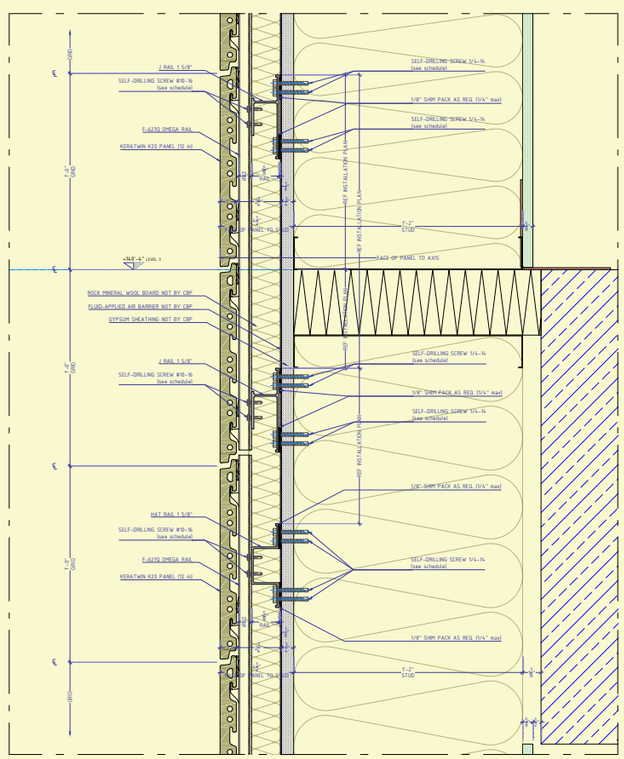

HAT or Z RAIL 1 7/8"
GYPSUM SHEATHING NOT BY CBP
FLUID-APPLIED AIR BARRIER NOT BY CBP
ROCK MINERAL WOOL BOARD NOT BY CBP
REF INSTALLATION PLAN
1/4 GRID DIM
PANEL
GRID
TUBE
Aluminum 1 5/8 x 2 3/8 x 5/8
F-627G OMEGA RAIL - PLAN
KERATWIN K20 PANEL (12 in)
3/16" SHIM PACK AS REQ. (1/4" max)
SELF-DRILLING SCREW 1/4-14
(see schedule)
SELF-DRILLING SCREW #10-16
(see schedule)


ACC 1/A32-02-IN
THIS LEVEL IS +164'-5" ±
HIGH PLEASE CLARIFY
+164'-4" TOP OF COPING CAP
+164'-4" TOP OF STRUCTURE BEYOND
ACC 1/A32-02-IN
SHEET METAL COPING CAP NOT BY CBP
HAT RAIL 1 5/8"
SELF-DRILLING SCREW #10-16
(see schedule)
KERATWIN K20 PANEL (12 in)
F-627G OMEGA RAIL
ROCK MINERAL WOOL BOARD NOT BY CBP
FLUID-APPLIED AIR BARRIER NOT BY CBP
GYPSUM SHEATHING NOT BY CBP
3/8" SHIM PACK AS REQ. (1/4" max)
SELF-DRILLING SCREW 1/4-14
(see schedule)
REF INSTALLATION PLAN
FACE OF PANEL TO AXIS


KERATWIN K20 PANEL (12 in)
BELOW
FORMED ALUMINUM SILL NOT BY CBP
KERATWIN K20 PANEL (12 in)
F-627G OMEGA RAIL
HAT RAIL 1 5/8"
SELF-DRILLING SCREW #10-16
(see schedule)
3/8" SHIM PACK AS REQ. (1/4" max)
SELF-DRILLING SCREW 1/4-14
(see schedule)


Medical Center


20

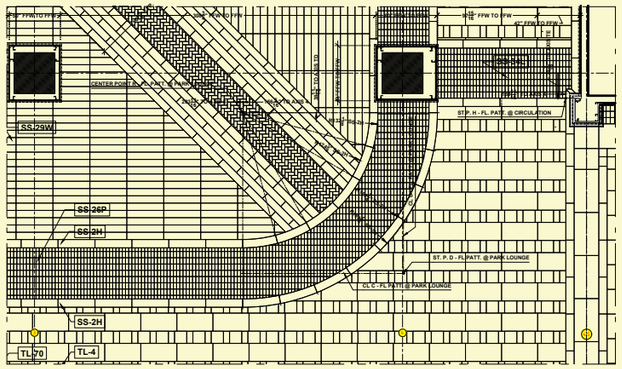

J RAIL 1 5/8"
SELF-DRILLING SCREW #10-16
(see schedule)
F-627G OMEGA RAIL
KERATWIN K20 PANEL (12 in)
SELF-DRILLING SCREW 1/4-14
(see schedule)
3/8" SHIM PACK AS REQ. (1/4" max)
REF INSTALLATION PLAN
FACE OF PANEL TO AXIS
ROCK MINERAL WOOL BOARD NOT BY CBP
FLUID-APPLIED AIR BARRIER NOT BY CBP
GYPSUM SHEATHING NOT BY CBP
HAT RAIL 1 5/8"

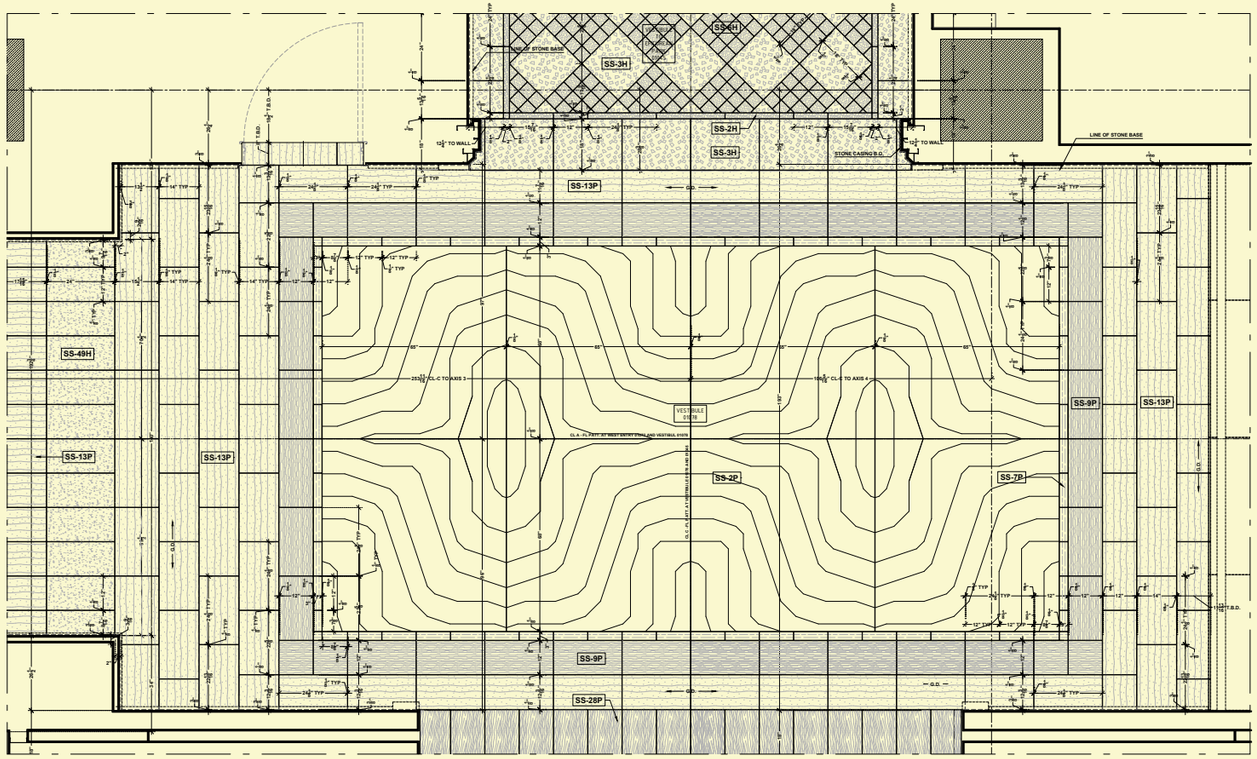


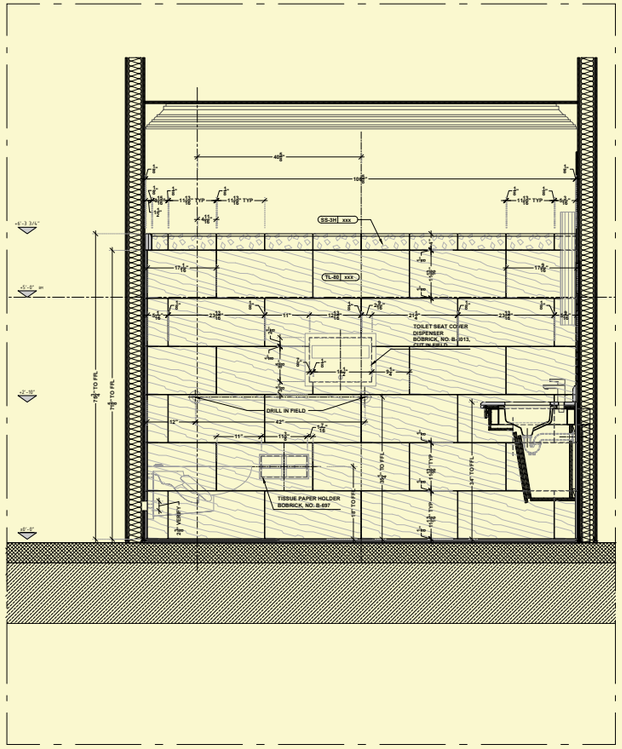
FAIRMONT

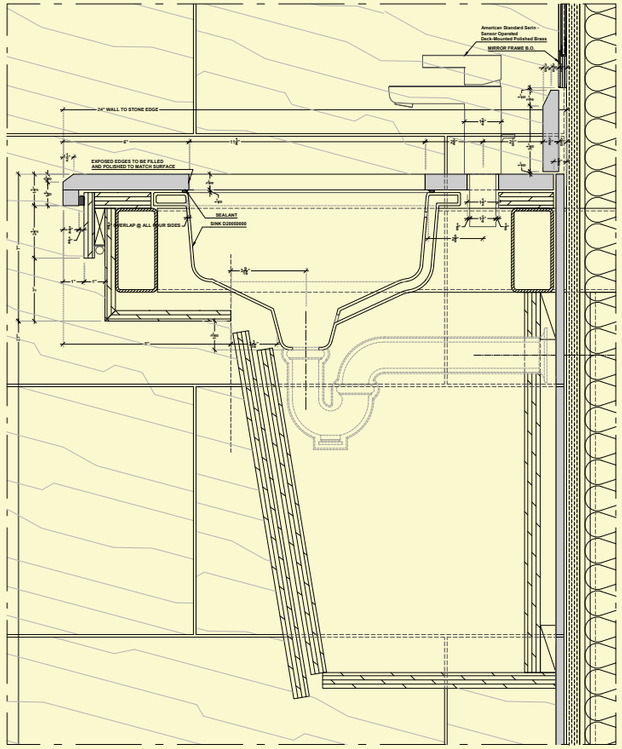
GENSLER & WARREN SHEETS DESIGN

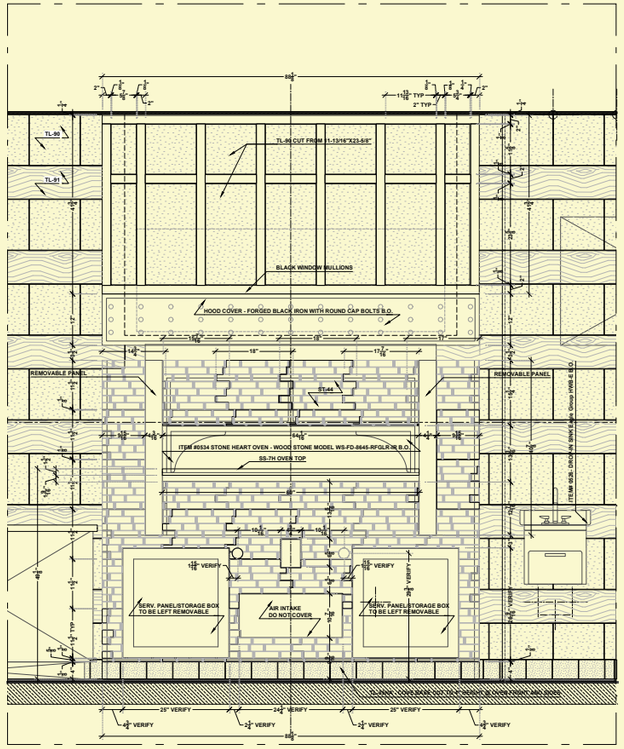










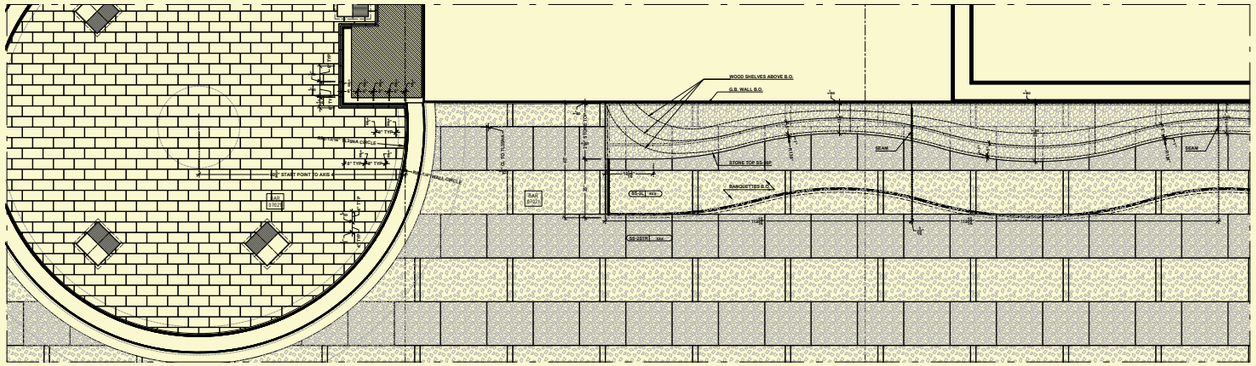


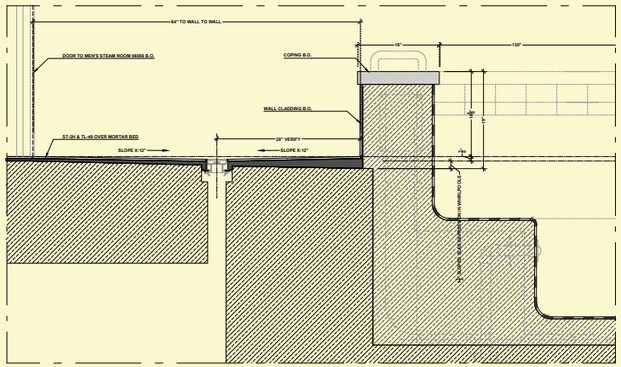
STUDIO CAD

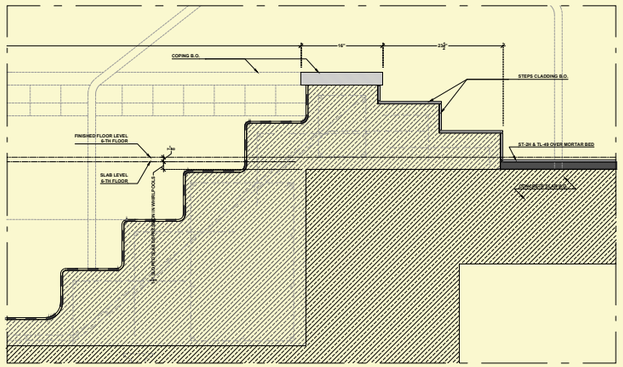
Location: Austin, Texas
Date of completion: 2017
Area: 5 060 m^2
Shop Drawings: 351 pcs @ ARCH D
Contractor: Alamo Tile & Stone

Scope of Services:

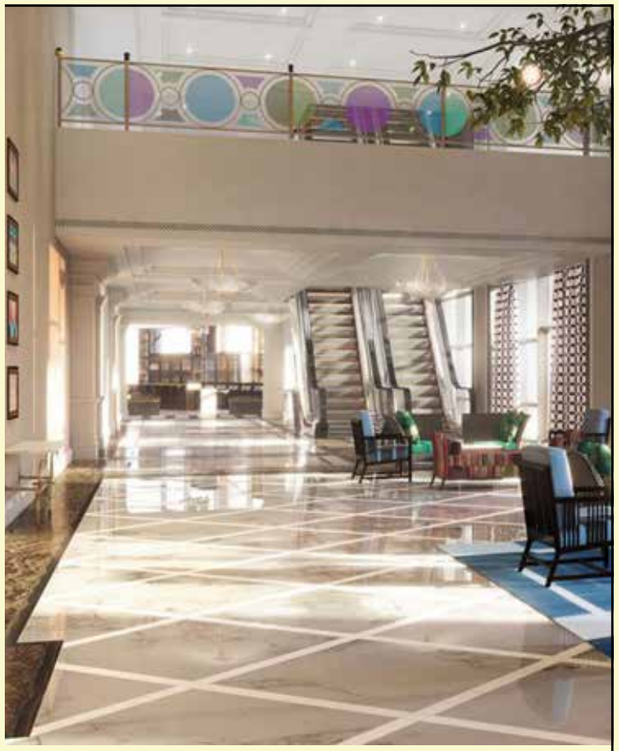
Shop drawings for floorings, stone wall cladding and stone vanity tops.

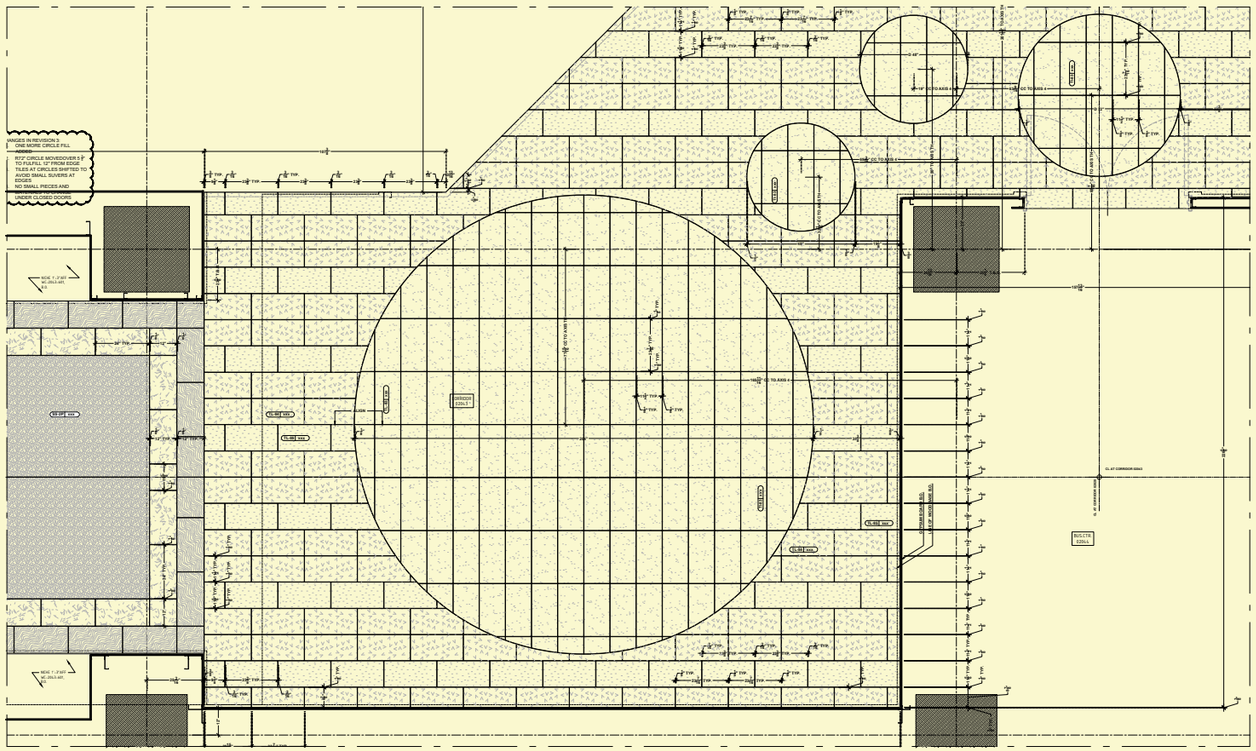

WOOD SHELVES ABOVE B.O.
G.B. WALL B.O.
STONE TOP BY MEP
BANQUETTES B.O.
SEAM
SEAM
RAE 8'0(2.43)
RAE 8'0(2.43)


54" TO WALL TO WALL
DOOR TO MEN'S STEAM ROOM 85555 B.O.
COPING B.O.
WALL CLADDING B.O.
ST-2H & TL-49 OVER MORTAR BED
SLOPE X-12"
SLOPE X-12"
24" VERIFY
12"
132"
48"
12"
3/4"
FINISHED FLOOR LEVEL
SLAB LEVEL


COPING B.O.
STEPS CLADDING B.O.
ST-2H & TL-49 OVER MORTAR BED
FINISHED FLOOR LEVEL
SLAB LEVEL



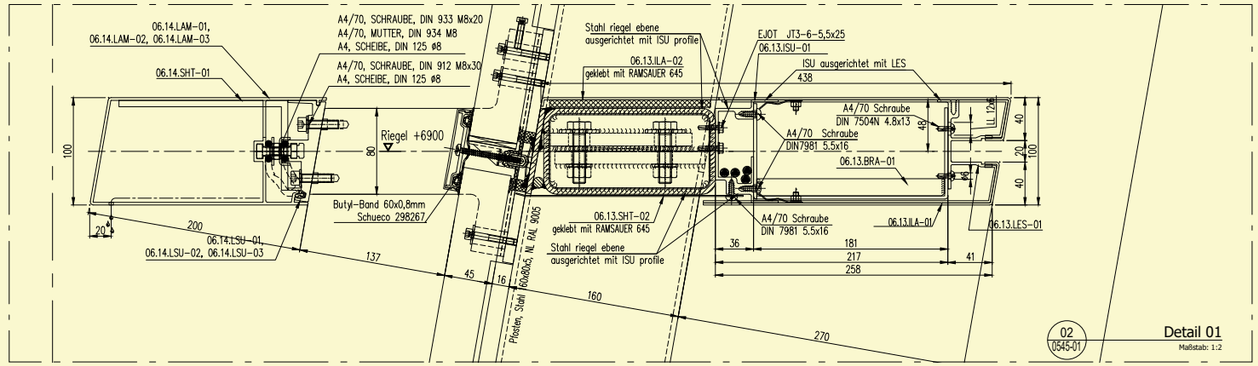



ANGLES IN REVISION 3
ONE MORE CIRCLE FULL
ADDED
R72" CIRCLE MOVED OVER 5.5"
TO AVOID SMALL CUTS OF
TILES AT CIRCLES SHIFTED TO
AVOID SMALL SLIVERS AT
EDGES
NO SMALL PIECES AND
UNDER CLOSED DOORS
MIRROR
2.0in.T

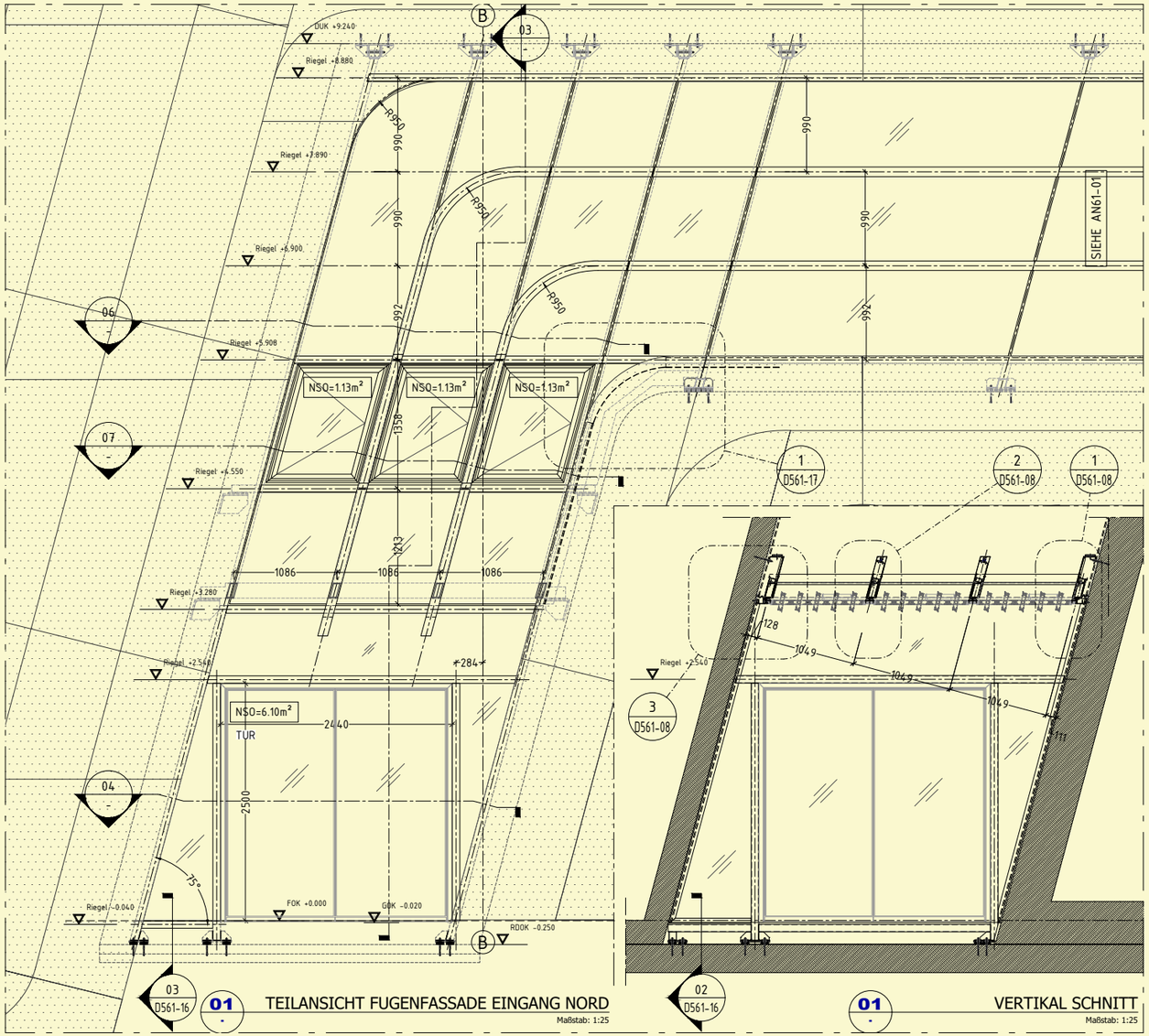


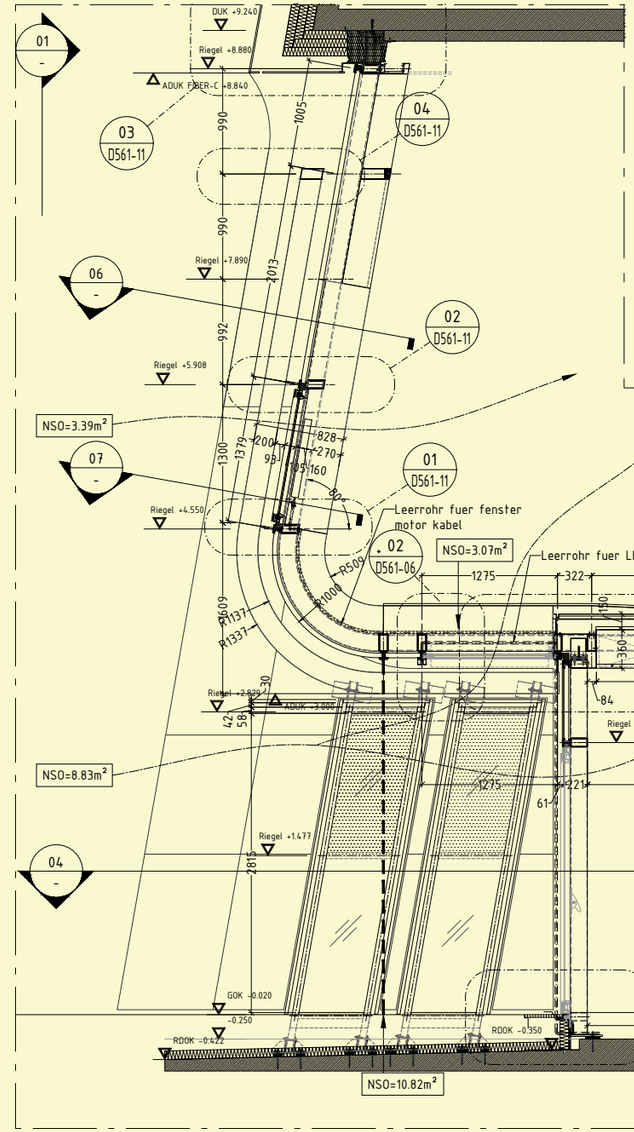
WU WIEN LLC
Library & Learning Center
ZAHA HADID ARCHITECTS





Location:	Vienna, Austria
Date of completion:	2014
Area:	120 m²
Shop Drawings:	68 pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	Prototyp





Scope of Services:

Shop drawings & Workshop drawings for curtain walls (RAICO & SCHÜCO), doors (SCHÜCO) and aluminum sheet panels.

Beton naturmass
Putz naturmass
Beton
nach zeichnungen
Putz - BAUSEITS
nach zeichnungen
Putzträger - BAUSEITS
Blech Aluminium 2 mm
RAL 9005
Blech, Alu 3mm, TE
Konsole, Alu 3mm, TE
LiBl.Schr.
DIN 7981 ST5.5x16-C-H
Blech, Aluminium 2mm
PPC Eisenglimmer
LiBohr.Schr.
DIN 7504 ST5.5x19-M-Z
Bohr.Schr.
EJOT JT3-12-5.5x40
Profile, Aluminium, TE
Blech, Stahl 10 mm, GR
Schüco AWS 57.RO, RAL 9005
Motor
Schueco 248 744, RAL 9016
Leerrohr fuer fenster motor kabel
SR.VYN, RLLI, PA 12, 61815135
Folie Dampfsperre
Terofol sd 150
Streifen siebdruck-schwarz
Blech, Aluminium 2 mm
RAL 9005
Blech, Aluminium 3mm
RAL 9005
Insektenstifter (indikativ)
Fiber C, Bianco
Blechpanewl 42 mm
PPC RAL 9005
Folie in Bereich
der Konsole
Terofol sd 150
Sarnafil folie 2mm
Dämmung weich 80 mm
Mineralwoll
01
AWK-02
HORIZONTAL SCHNITT
Maßstab: 1:5

01
D561-15
01
D561-06
02
-
04
D561-07
03
D561-07
NSO=5.76m²
C
ED Kabel
1121
1043
954
660
294
1120
84
+2.540
7831 ... bis Asche N
min 983
Riegel +2.540
7831 ... bis Asche N
3997
max 1219
160
76
01
D561-16
01
D561-07
FOK +0.000
179
3818
03
-
C
VERTIKAL SCHNITT
Maßstab: 1:25

Schnitt 01
Maßstab: 1:2
Schnitt 02
Maßstab: 1:2
Schnitt 03
Maßstab: 1:2
Schnitt 04
Maßstab: 1:1
Ansicht "A" nach dem Biegen.
Ansicht "A" nach dem Biegen.
Isometric Ansicht von Aussen
WU Wien LLC
AWK-02
Vertikalschnitt
Werkstattzeichnung
05.14.LAM-05

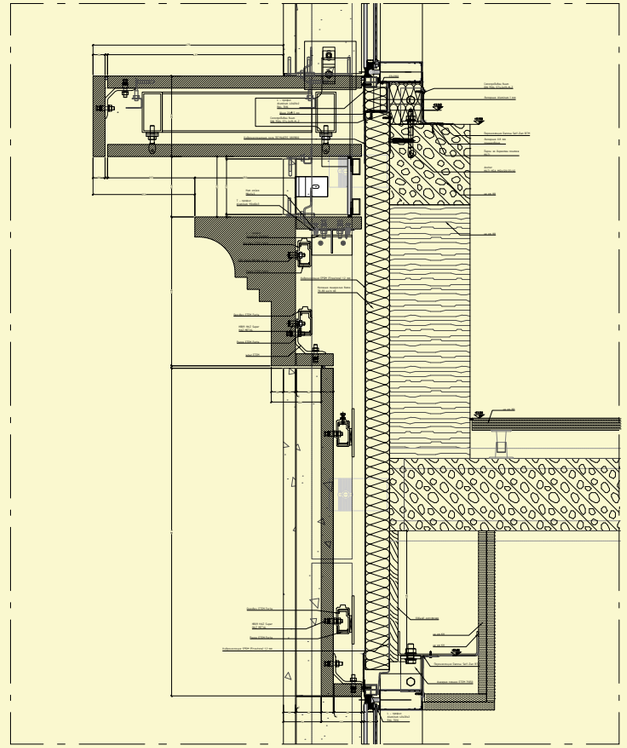
06.08.2013

THE NEEDLE

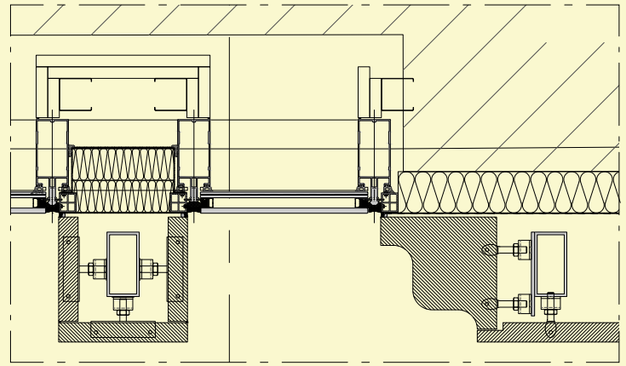
SECTOR ARCH

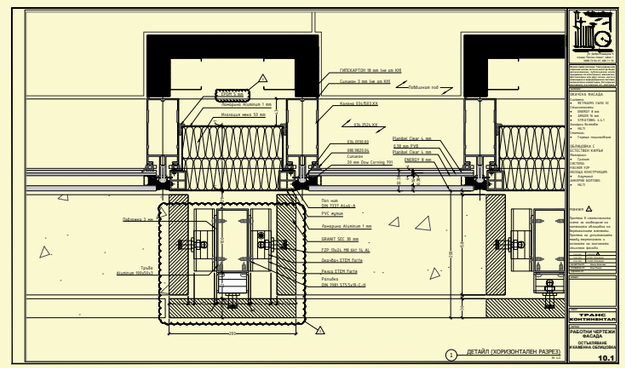


Location:	Sofia, Bulgaria
Date of completion:	2011
Area:	3 577 m^2
Shop Drawings:	250 pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	Kristian Neiko, Bulmarma



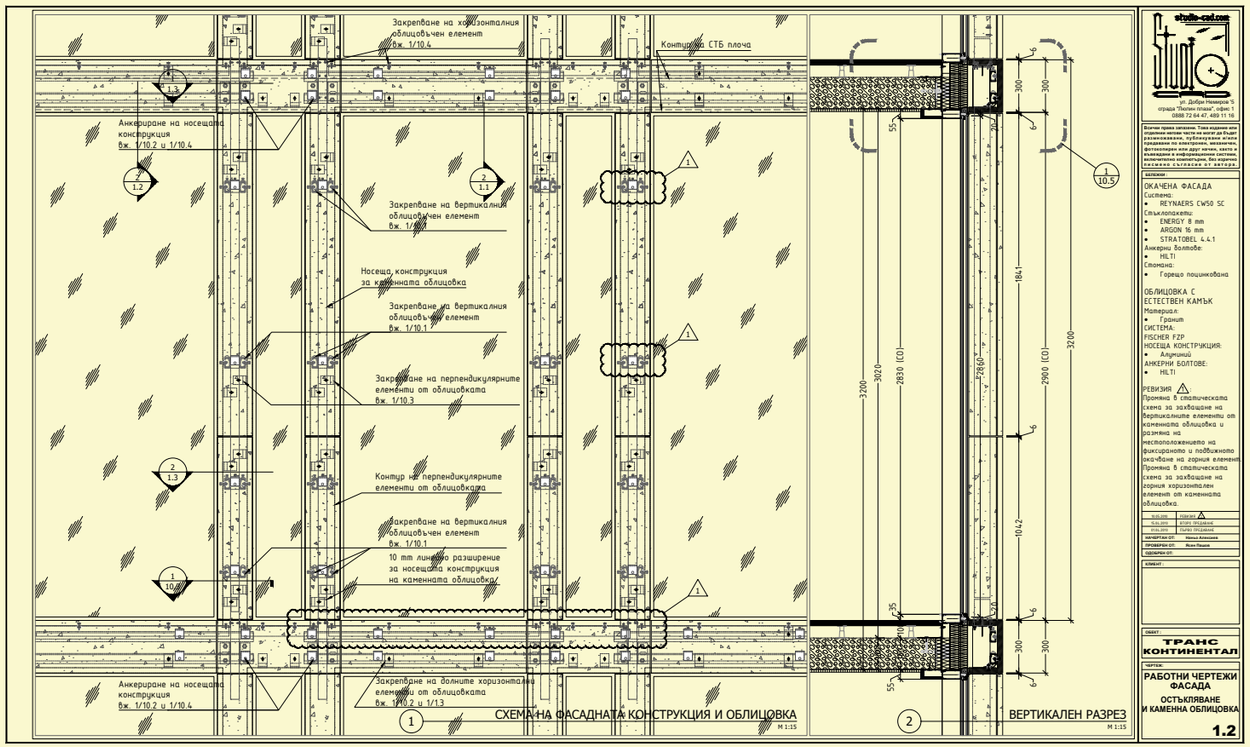






Scope of Services:

Surveying
Test report for Stone anchorage
Shop drawings & Workshop drawings for Stone clading (Granite)
Shop drawings & Workshop drawings for Curtain walls (REYNAERS)
Shop drawings & Workshop drawings for Glass canopy



ул. Добрич Немирович 5
сграда "Люлин плаза", офис 1
0888 72 64 47, 489 11 16

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ОБЕКТ:
ОКАЧЕНА ФАСАДА
Система:
- REYNAERS CW50 SC

Стъклопакети:
- ENERGY 8 mm
- ARGON 16 mm
- STRATOBEL 4.4.1

Анкерни болтове:
- HILTI

Сплавна:
- Горещо поцинкована

ОБЛИЦОВКА С ЕСТЕСТВЕН КАМЪК
Материал:
- Гранит

СИСТЕМА:
FISCHER FZP
НОСЕЩА КОНСТРУКЦИЯ:
- Алуминий

АНКЕРНИ БОЛТОВЕ:
- HILTI

РЕВИЗИЯ
Промяна в статическата схема за захващане на вертикалните елементи от каменната облицовка и размяна на местоположението на фиксираната и подвижната окачване на горния елемент.
Промяна в статическата схема за захващане на горния хоризонтален елемент от каменната облицовка.

10.01.2019	ПЪРВО ИЗДАНИЕ
10.04.2019	ВТОРО ПРОДАВАНЕ
19.04.2019	ТРЕТО ПРОДАВАНЕ
АРХИТЕКТИ ОТ:	Николай Алексиев
ПРОВЕРИЛ ОТ:	Жоан Пашов
СЪГЛАСУВАЛ ОТ:	

КЛИЕНТ:

ОБЕКТ:
ТРАНС КОНТИНЕНТАЛ

ЧЕРТЕЖ:
РАБОТНИ ЧЕРТЕЖИ ФАСАДА
ОСТЪКЛЯВАНЕ И КАМЕННА ОБЛИЦОВКА

1.2

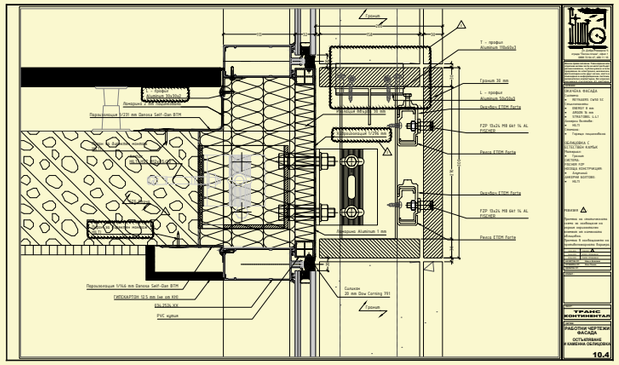
СХЕМА НА ФАСАДНАТА КОНСТРУКЦИЯ И ОБЛИЦОВКА
1 M 1:15

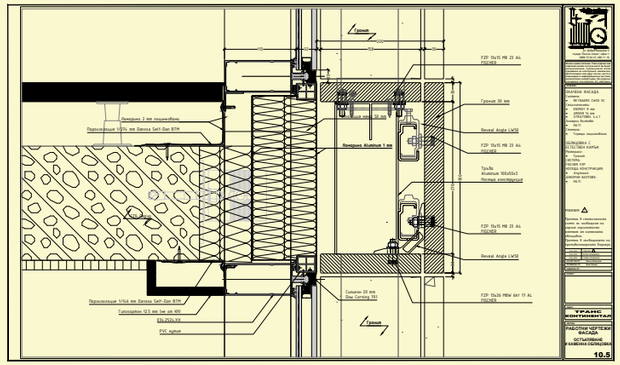
ВЕРТИКАЛЕН РАЗРЕЗ
2 M 1:15

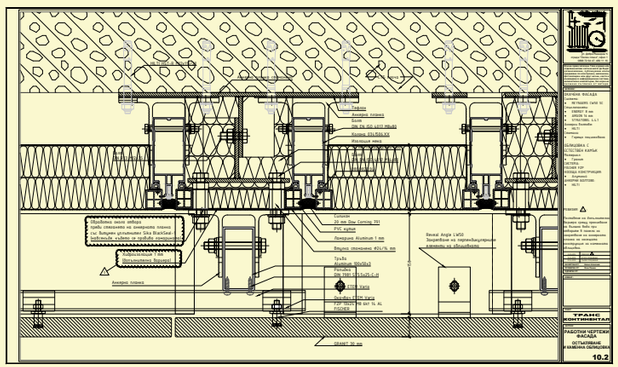


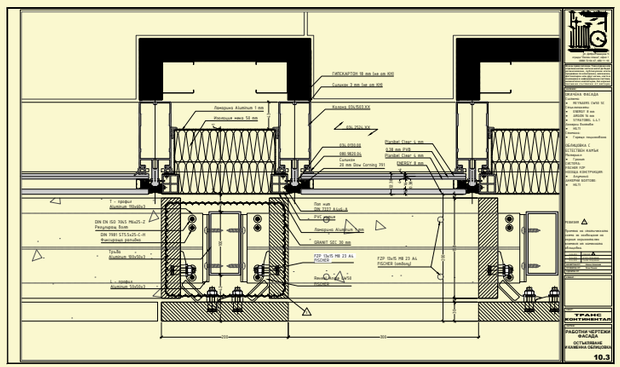














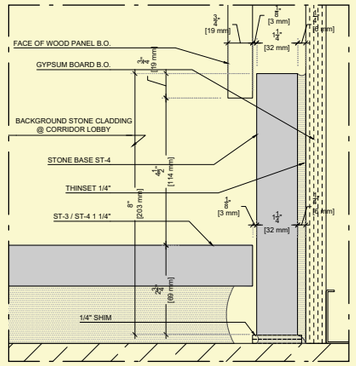


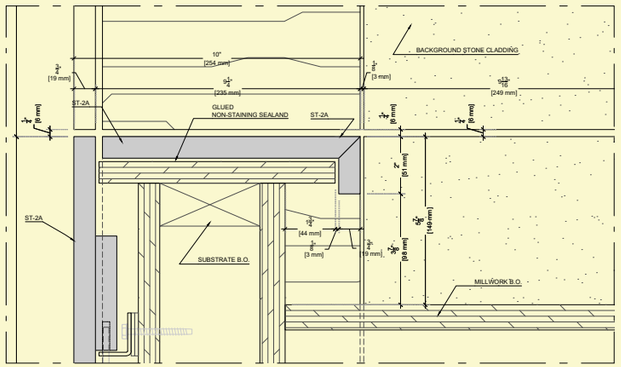


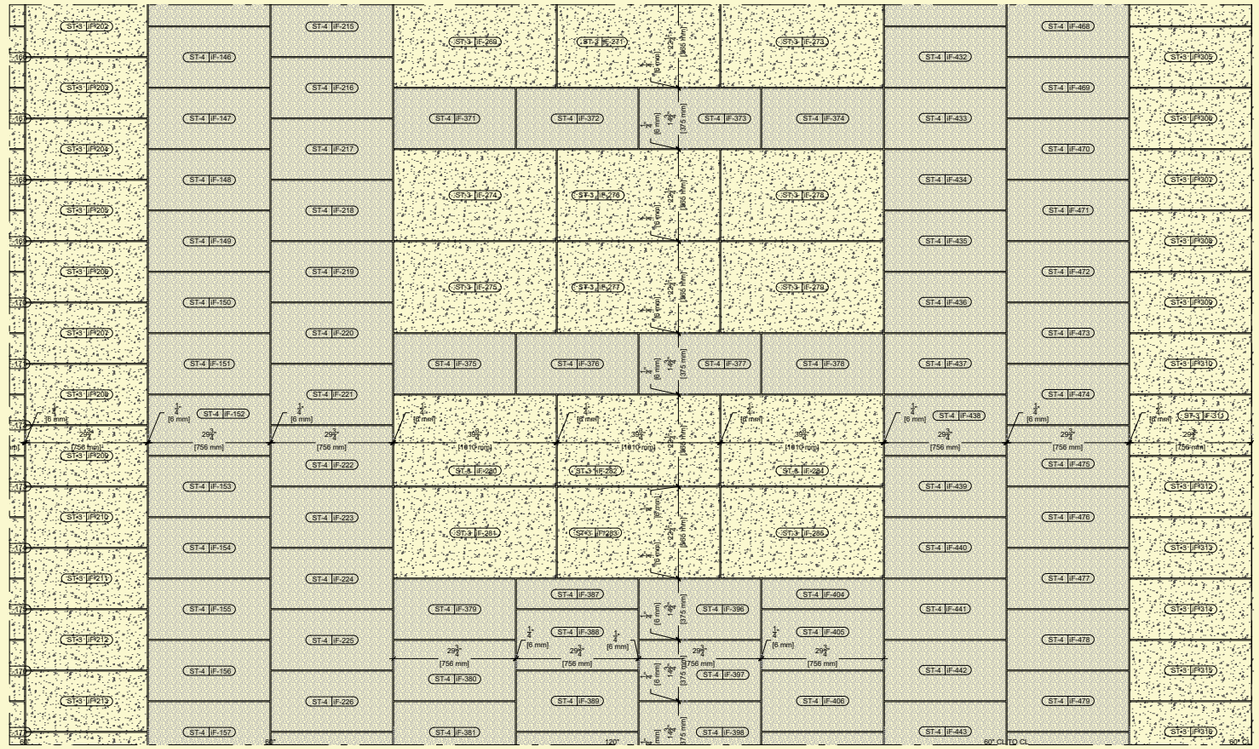
COLORADO TOWER

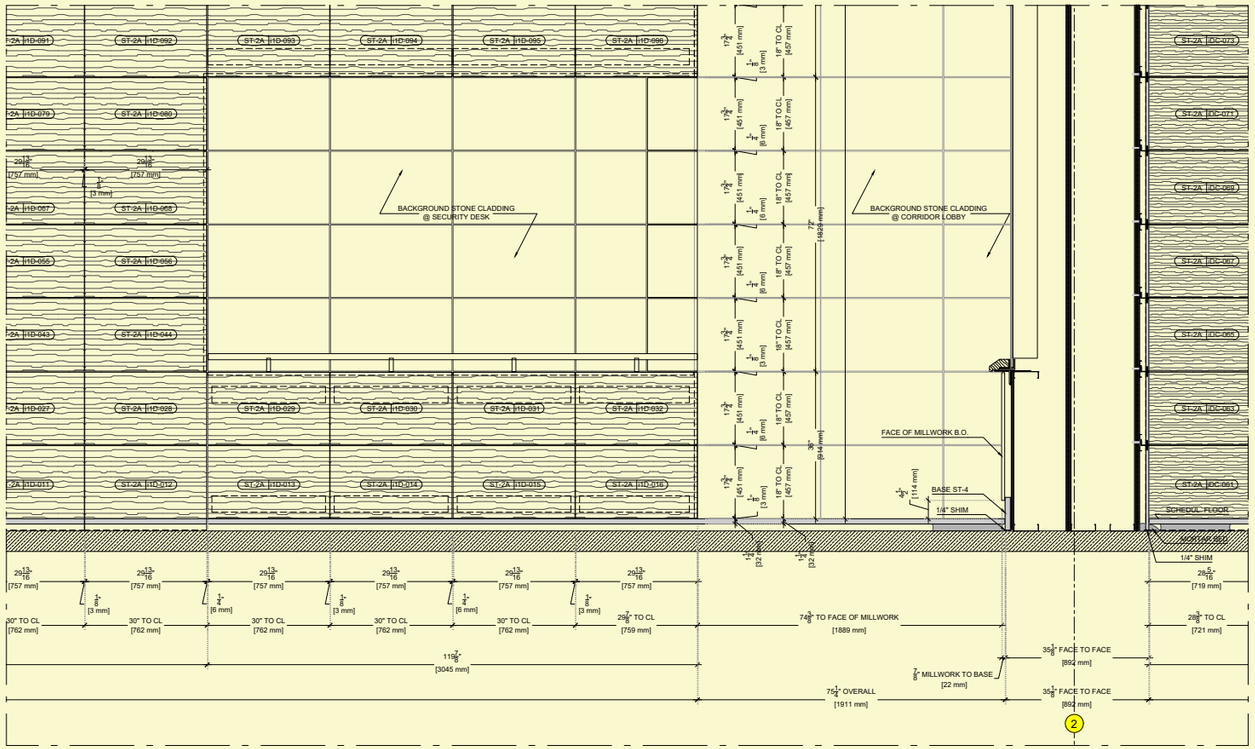
Kendall / Heaton Associates, Inc, Duda / Paine Architects, LLP

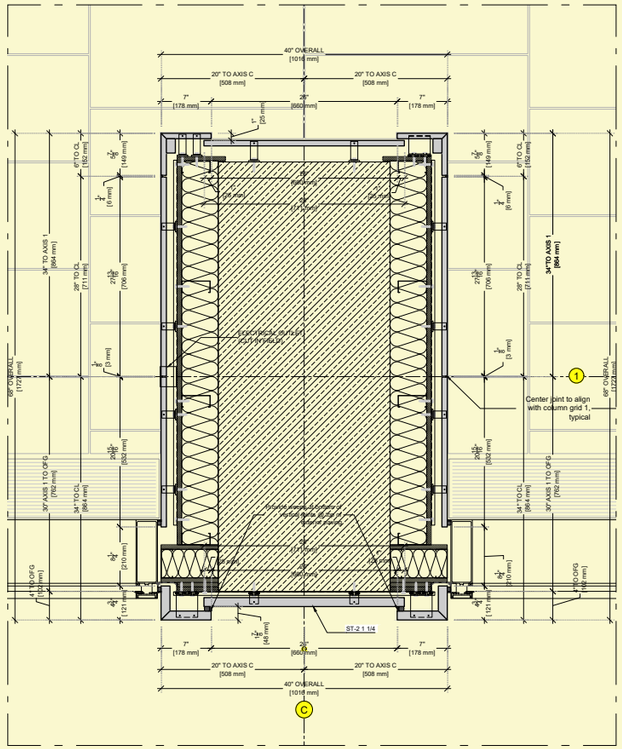








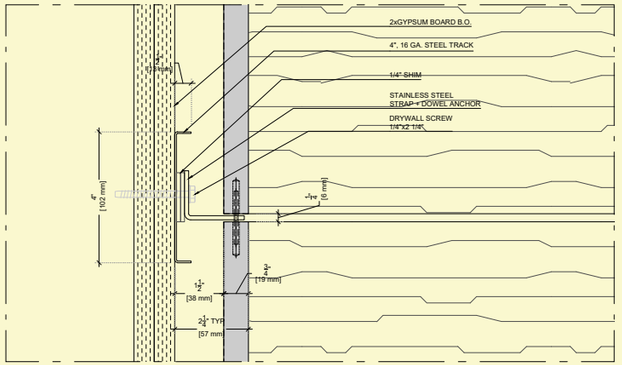




Location:	Austin, Texas
Date of completion:	2014
Area:	1 709 m²
Shop Drawings:	76 pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	Alamo Tile & Stone

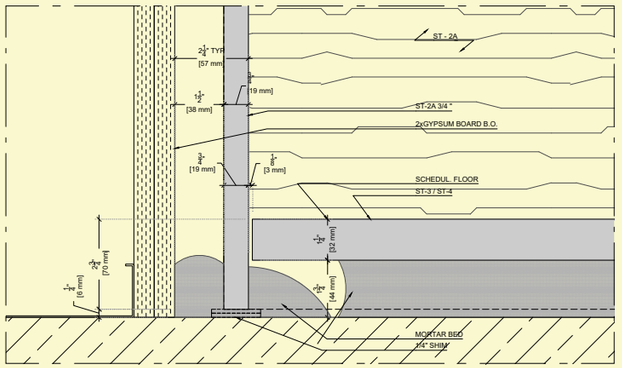
Scope of Services:

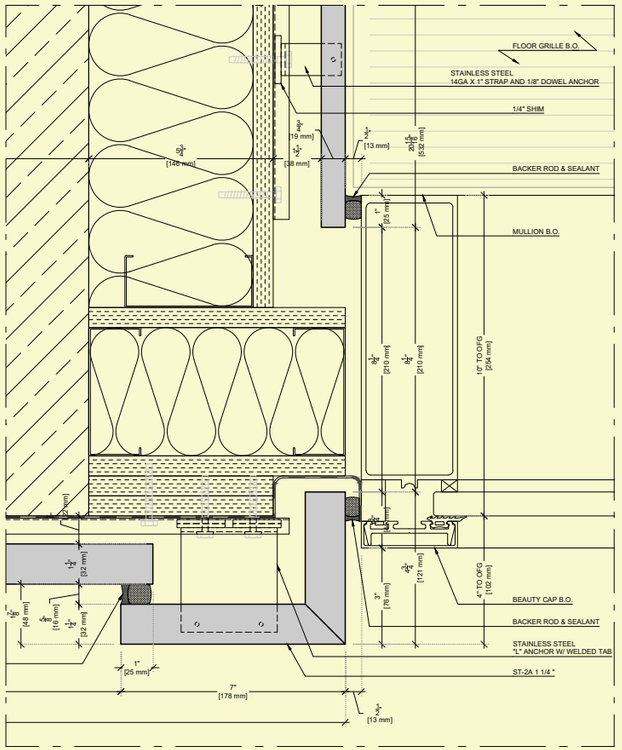
Shop drawings & Workshop drawings for:
Wall cladding/panels
Thickset lobby stone floors
Stone vanity tops

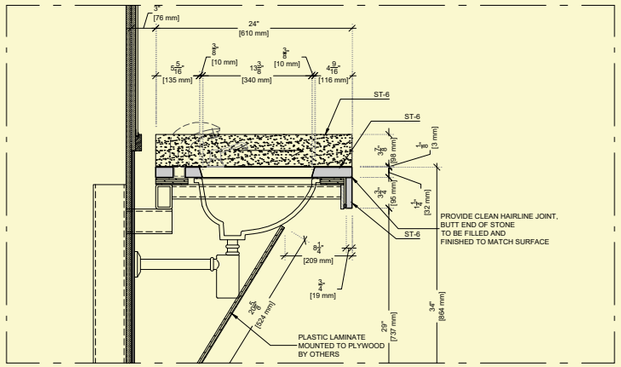

2xGYPSUM BOARD B.O.
4", 16 GA. STEEL TRACK
1/4" SHIM
STAINLESS STEEL
STRAP + DOWEL ANCHOR
DRYWALL SCREW
1/4"X2 1/4"
4" [102 mm]
1/4" [6 mm]
3/4" [19 mm]
1 1/2" [38 mm]
2 1/4" TYP. [57 mm]

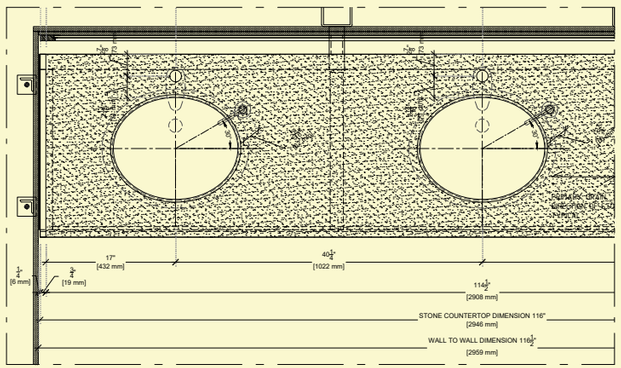



COLORADO TOWER


ST - 2A
2 1/4" TYP. [57 mm]
3/4" [19 mm]
1 1/2" [38 mm]
ST-2A 3/4 "
2xGYPSUM BOARD B.O.
3/4" [19 mm]
1/8" [3 mm]
SCHEDUL. FLOOR
ST-3 / ST-4
1 1/4" [32 mm]
2 1/2" [70 mm]
1/4" [6 mm]
2 1/2" [64 mm]
MORTAR BED
1/4" SHIM


FLOOR GRILLE B.O.
STAINLESS STEEL
14GA X 1" STRAP AND 1/8" DOWEL ANCHOR
1/4" SHIM
3/4" [19 mm]
1/2" [13 mm]
2 1/4" [57 mm]
5 3/4" [146 mm]
1 1/2" [38 mm]
1 5/16" [32 mm]
BACKER ROD & SEALANT
1" [25 mm]
MULLION B.O.
8 1/4" [210 mm]
8 1/4" [210 mm]
10" TO O.F.G. [254 mm]
1 1/4" [32 mm]
1 3/4" [44 mm]
5/8" [16 mm]
1 1/4" [32 mm]
4 3/4" [121 mm]
3" [76 mm]
4" TO O.F.G. [102 mm]
BEAUTY CAP B.O.
BACKER ROD & SEALANT
STAINLESS STEEL
"L" ANCHOR W/ WELDED TAB
ST-2A 1 1/4 "
1" [25 mm]
7" [178 mm]
1/2" [13 mm]


3" [76 mm]
24" [610 mm]
3/8" [10 mm]
3/8" [10 mm]
5 3/16" [135 mm]
13 3/8" [340 mm]
4 9/16" [116 mm]
ST-6
ST-6
3/8" [10 mm]
1 5/16" [34 mm]
1/8" [3 mm]
1 1/4" [32 mm]
ST-6
PROVIDE CLEAN HAIRLINE JOINT,
BUTT END OF STONE
TO BE FILLED AND
FINISHED TO MATCH SURFACE
8 1/4" [209 mm]
3/4" [19 mm]
20 5/8" [524 mm]
PLASTIC LAMINATE
MOUNTED TO PLYWOOD
BY OTHERS
25" [635 mm]
34" [864 mm]


3" [76 mm]
3" [76 mm]
24" [610 mm]
24" [610 mm]
17" [432 mm]
40 1/2" [1022 mm]
1/4" [6 mm]
3/4" [19 mm]
114 1/2" [2908 mm]
STONE COUNTERTOP DIMENSION 116"
[2946 mm]
WALL TO WALL DIMENSION 116 1/2"
[2959 mm]


303 COLORADO





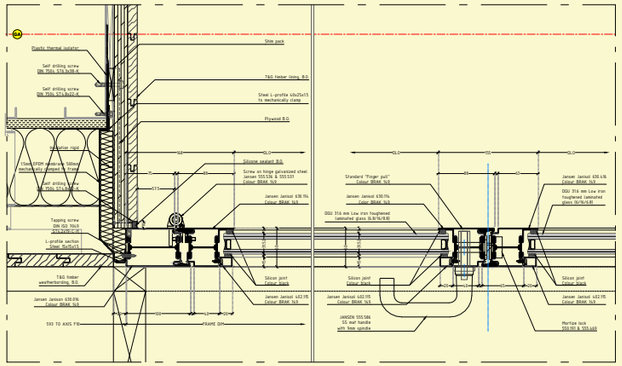

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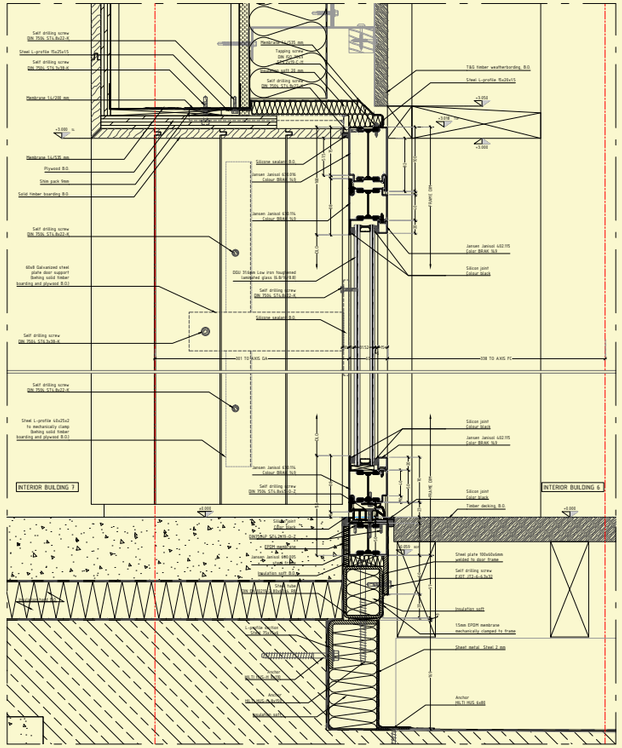
STEAMBOAT MUSEUM

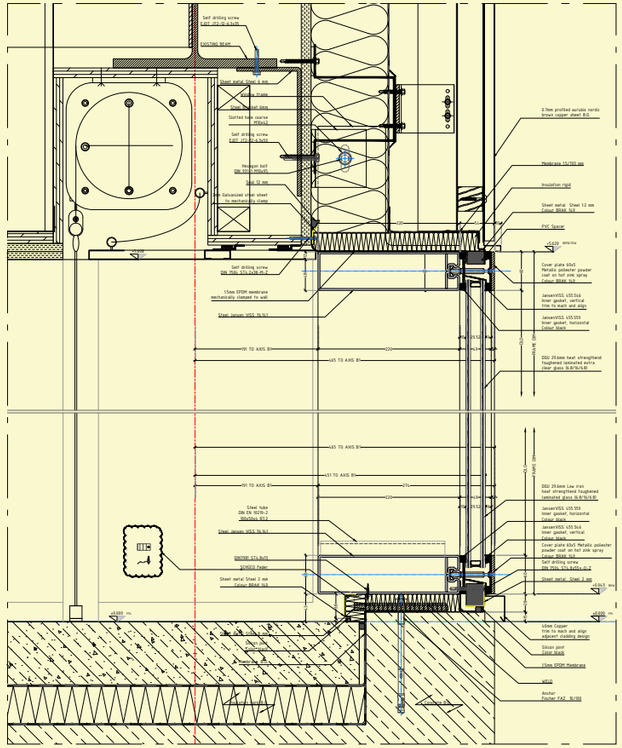
CARMODY GROARKE

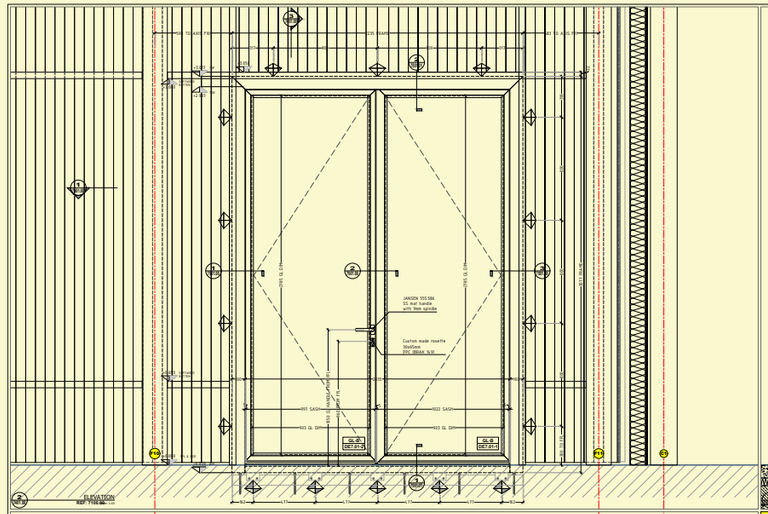
Location:	Windermere, UK
Date of completion:	2017
Area:	384 m²
Shop Drawings:	142 pcs @ ARCH D
Contractor:	UK TOP

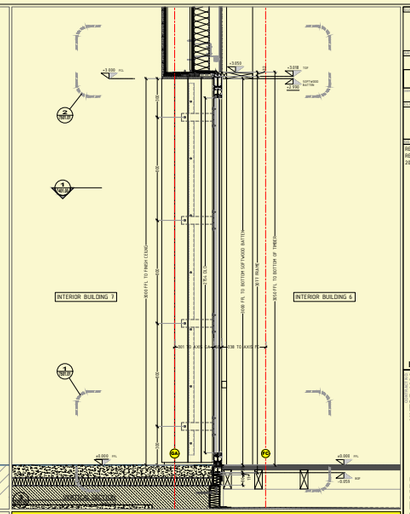


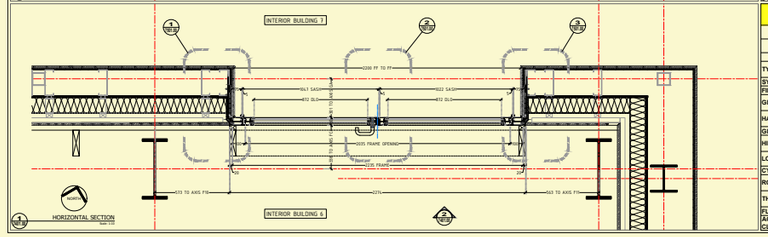












DE7.01			
SIZE	2235 mm	3077 mm	1 pc
AREA	6,88 m²		
TYPE	Double leaf LHM Outward opening		
SYSTEM	STEEL JANSEN JANISOL		
FINISH	Aged hot zoinc spray (BRAK149)		
GLASS	DGU 31.6 mm Heat strenghened Toughened laminated Guardian Extra clear glass (6.8/16/6.8); UKT - spec GL 8; Architect spec GT#6		
HANDLE	Inner: Standard "Finger pull" Outer: Jansen 555.586 SS mat handle with 9mm spindle		
GLAZING BEAD	Square 402.120		
HINGES	Jansen Janisol 555.537 galvanized steel, lenght 180mm, Ø 20mm Metalic polyester powdercoat on hot zinc spray (BRADDK 149)		3 pc
LOCK	Jansen 550.191 Mortise lock		
CYLINDER	SS Eurocylinder 40X40 key in & out		
ROSETE	Custom made 30x68mm, Metallic polyester powdercoat on hot zinc spray (BRAK149); Standard cylinder finger pull		
THRESHOLD	Jansen Janisol 462.990 Door threshold profile black, made of fibreglass reinforced polymide		
FLOOR ACTUATOR	N/A		
ACTUATOR / DOOR CLOSER	Geze boxer 3-6 door closer		

REVISION 1 IS BASED ON COMMENTS RECEIVED ON 2017.06.13 AND 2017.06.15.

SAMPLE

UKTOP 1681

PROJECT CONTENT

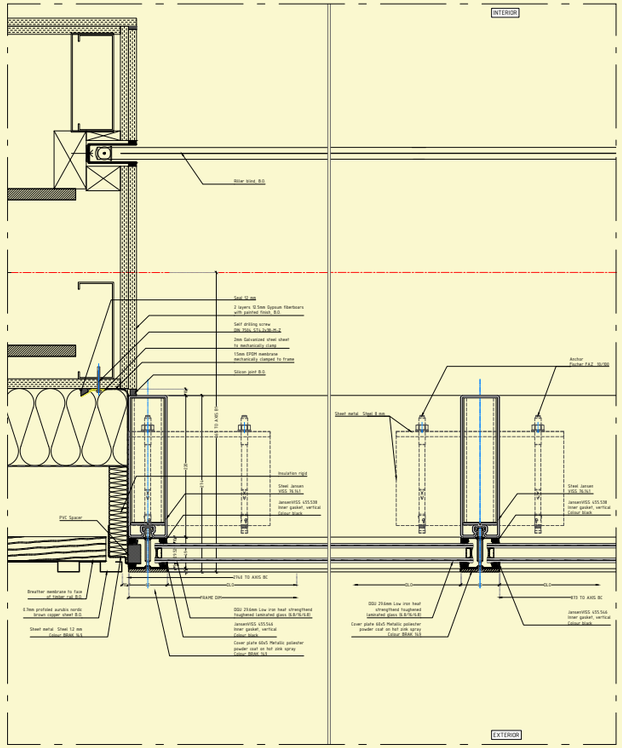
STEAMBOAT MUSEUM
WINDERMERE JETTY, Rayrigg Rd, Windermere LA23 1BN

DE7.01 (DOUBLE LEAF DOOR)
LARGE SCALE VIEW & SECTIONS

STUDIO CAD

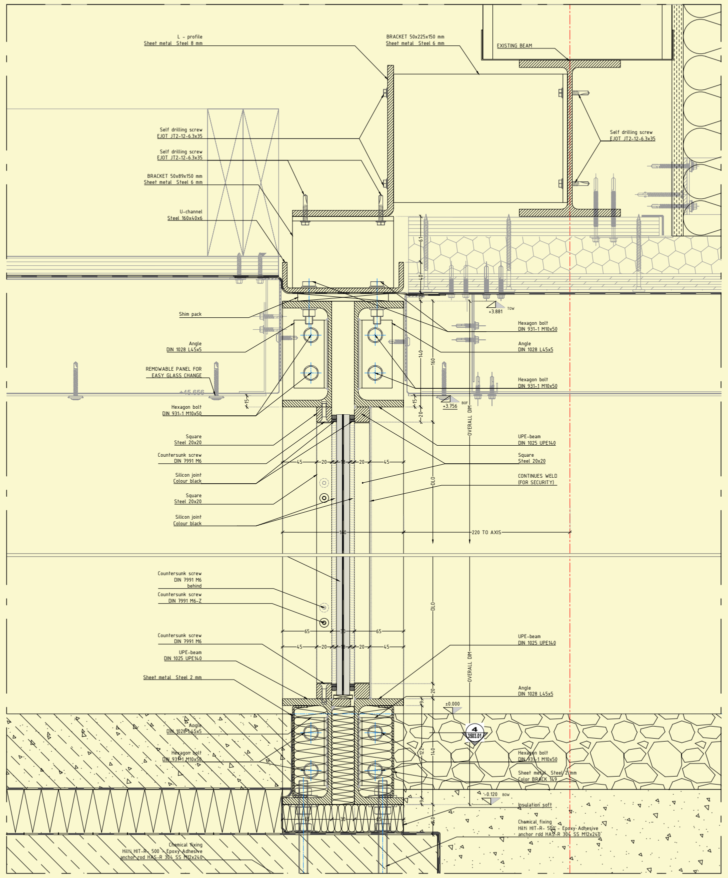
7401.00 FSS

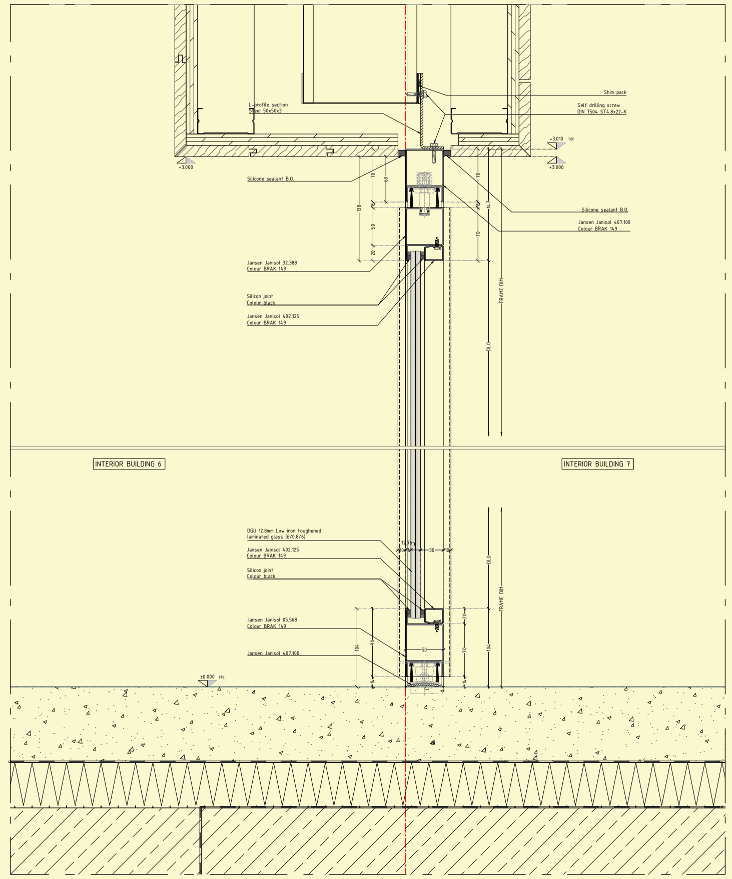
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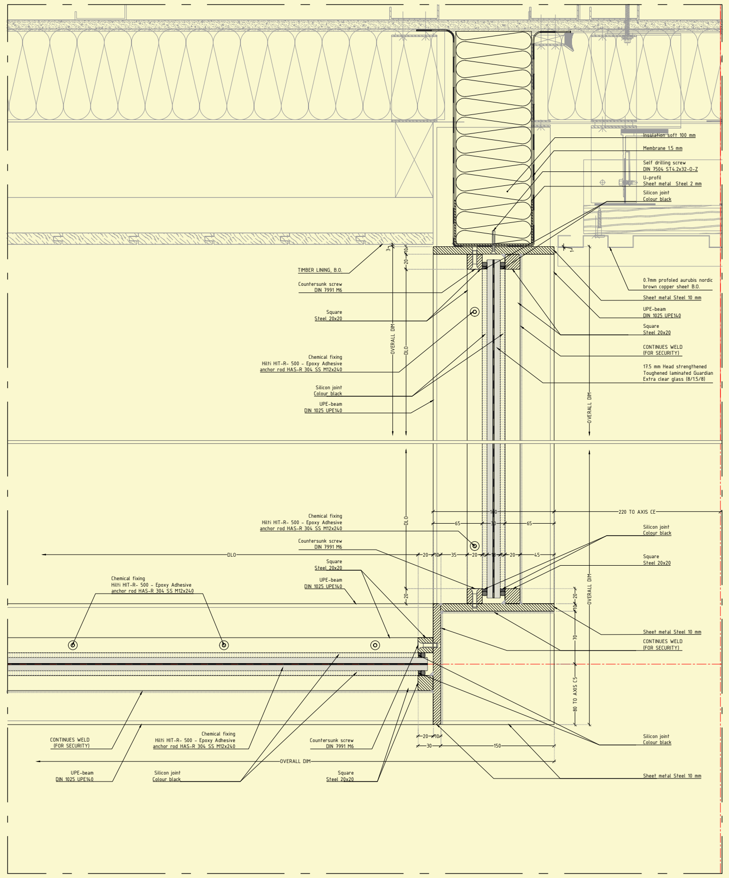


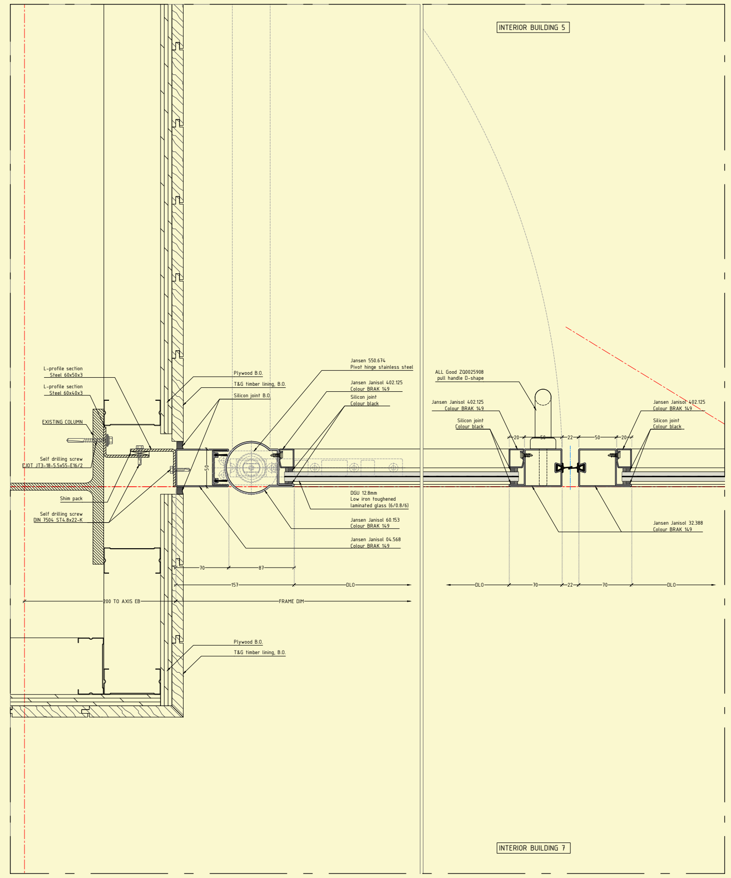
Scope of Services:

Shop drawing for:
Curtain wall
Doors
Windows


L - profile
Sheet metal Steel 8 mm
BRACKET 50x225x150 mm
Sheet metal Steel 6 mm
EXISTING BEAM
Self drilling screw
EJOT JT2-12-6.3x35
Self drilling screw
EJOT JT2-12-6.3x35
Self drilling screw
EJOT JT2-12-6.3x35
BRACKET 50x89x150 mm
Sheet metal Steel 6 mm
U-channel
Steel 160x40x6
Shim pack
Angle
DIN 1028 L45x5
REMOWABLE PANEL FOR
EASY GLASS CHANGE
+45.656
Hexagon bolt
DIN 931-1 M10x50
+3.881
+3.756
Hexagon bolt
DIN 931-1 M10x50
Angle
DIN 1028 L45x5
Hexagon bolt
DIN 931-1 M10x50
Square
Steel 20x20
Countersunk screw
DIN 7991 M6
Silicon joint
Colour black
Square
Steel 20x20
Silicon joint
Colour black
UPE-beam
DIN 1025 UPE140
Square
Steel 20x20
CONTINUES WELD
(FOR SECURITY)
OVERALL DIM
DLO
220 TO AXIS
Countersunk screw
DIN 7991 M6
behind
Countersunk screw
DIN 7991 M6-Z
Countersunk screw
DIN 7991 M6
UPE-beam
DIN 1025 UPE140
Sheet metal Steel 2 mm
UPE-beam
DIN 1025 UPE140
Angle
DIN 1028 L45x5
±0.000
Angle
DIN 1028 L45x5
Hexagon bolt
DIN 931-1 M10x50
Hexagon bolt
DIN 931-1 M10x50
Sheet metal Steel 2 mm
Color BRACK 149
-0.120
Insulation soft
Chemical fixing
Hilti HIT-R- 500 - Epoxy Adhesive
anchor rod HAS-R 304 SS M12x240
Chemical fixing
Hilti HIT-R- 500 - Epoxy Adhesive
anchor rod HAS-R 304 SS M12x240


L-profile section
Steel 50x50x3
Shim pack
Self drilling screw
DIN 7504 ST4.8x22-K
+3.010
+3.000
Silicone sealant B.O.
Silicone sealant B.O.
Jansen Janisol 407.100
Colour BRAK 149
Jansen Janisol 32.388
Colour BRAK 149
Silicon joint
Colour black
Jansen Janisol 402.125
Colour BRAK 149
FRAME DIM
DLO
INTERIOR BUILDING 6
INTERIOR BUILDING 7
DGU 12.8mm Low iron toughened
laminated glass (6/0.8/6)
Jansen Janisol 402.125
Colour BRAK 149
Silicon joint
Colour black
Jansen Janisol 05.568
Colour BRAK 149
Jansen Janisol 407.100
±0.000


Insulation soft 100 mm
Membrane 1.5 mm
Self drilling screw
DIN 7504 ST4.2x32-0-Z
U-profil
Sheet metal Steel 2 mm
Silicon joint
Colour black
TIMBER LINING, B.O.
Countersunk screw
DIN 7991 M6
Square
Steel 20x20
0.7mm profoled aurubis nordic
brown copper sheet B.O.
Sheet metal Steel 10 mm
UPE-beam
DIN 1025 UPE140
Square
Steel 20x20
CONTINUES WELD
(FOR SECURITY)
17.5 mm Head strengthened
Toughened laminated Guardian
Extra clear glass (8/1.5/8)
Chemical fixing
Hilti HIT-R- 500 - Epoxy Adhesive
anchor rod HAS-R 304 SS M12x240
Silicon joint
Colour black
UPE-beam
DIN 1025 UPE140
OVERALL DIM
DLO
220 TO AXIS CE
Chemical fixing
Hilti HIT-R- 500 - Epoxy Adhesive
anchor rod HAS-R 304 SS M12x240
Countersunk screw
DIN 7991 M6
Silicon joint
Colour black
Square
Steel 20x20
UPE-beam
DIN 1025 UPE140
Square
Steel 20x20
Chemical fixing
Hilti HIT-R- 500 - Epoxy Adhesive
anchor rod HAS-R 304 SS M12x240
Sheet metal Steel 10 mm
CONTINUES WELD
(FOR SECURITY)
80 TO AXIS C5
CONTINUES WELD
(FOR SECURITY)
Chemical fixing
Hilti HIT-R- 500 - Epoxy Adhesive
anchor rod HAS-R 304 SS M12x240
Countersunk screw
DIN 7991 M6
Silicon joint
Colour black
UPE-beam
DIN 1025 UPE140
Silicon joint
Colour black
Square
Steel 20x20
Sheet metal Steel 10 mm


INTERIOR BUILDING 5
L-profile section
Steel 60x50x3
L-profile section
Steel 60x40x3
EXISTING COLUMN
Self drilling screw
EJOT JT3-18-5.5x55-E16/2
Shim pack
Self drilling screw
DIN 7504 ST4.8x22-K
Plywood B.O.
T&G timber lining, B.O.
Silicon joint B.O.
Jansen 550.674
Pivot hinge stainless steel
Jansen Janisol 402.125
Colour BRAK 149
Silicon joint
Colour black
DGU 12.8mm
Low iron toughened
laminated glass (6/0.8/6)
Jansen Janisol 60.153
Colour BRAK 149
Jansen Janisol 04.568
Colour BRAK 149
ALL Good ZQ0025908
pull handle D-shape
Jansen Janisol 402.125
Colour BRAK 149
Silicon joint
Colour black
Jansen Janisol 402.125
Colour BRAK 149
Silicon joint
Colour black
Jansen Janisol 32.388
Colour BRAK 149
200 TO AXIS EB
FRAME DIM
DLO
Plywood B.O.
T&G timber lining, B.O.
INTERIOR BUILDING 7







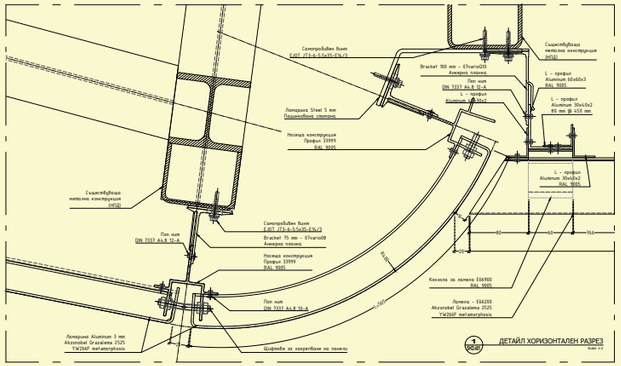


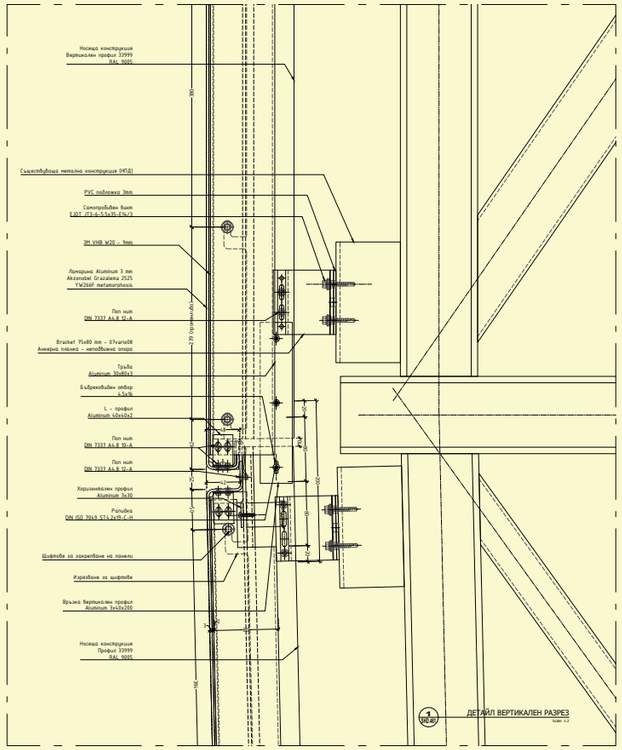
CAPITAL FORT

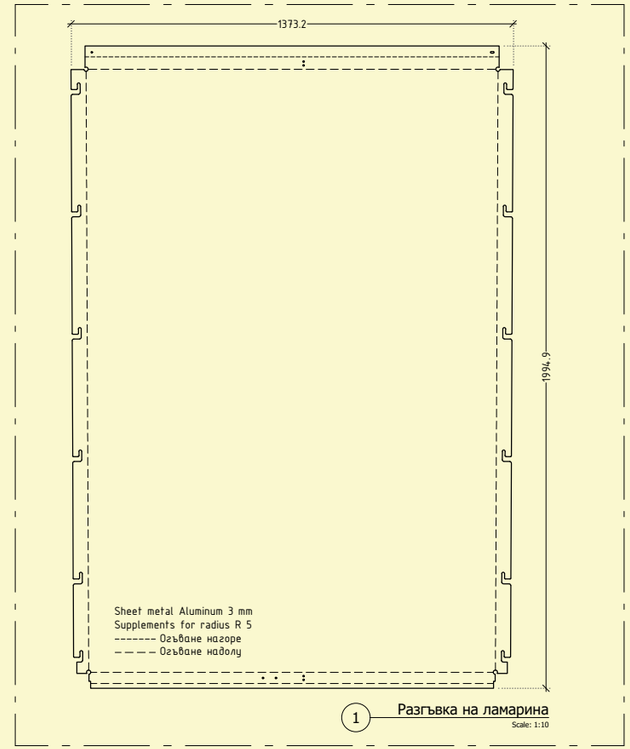
ATKINS & A&A ARCHITECTS

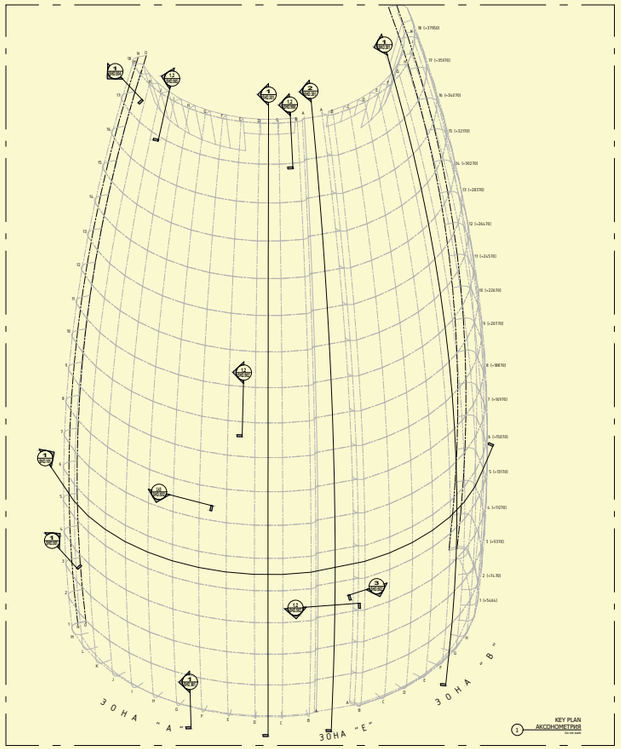
Location:	Sofia, Bulgaria
Date of completion:	2014
Area:	2 020 m^2
Shop Drawings:	1 315 pcs @ A3
Cut Sheets:	XX pcs
Contractor:	Kristian Neiko

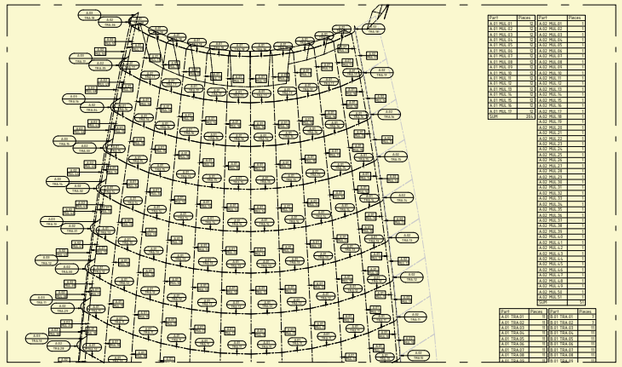


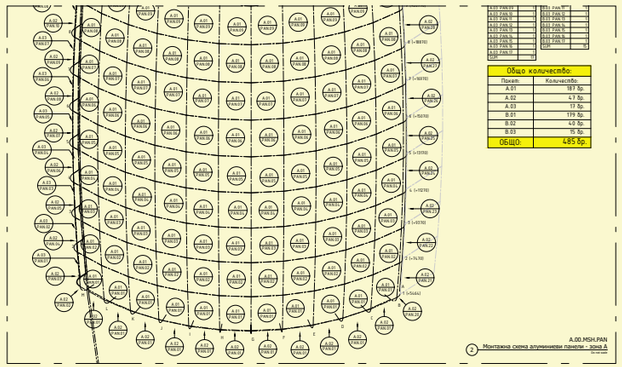






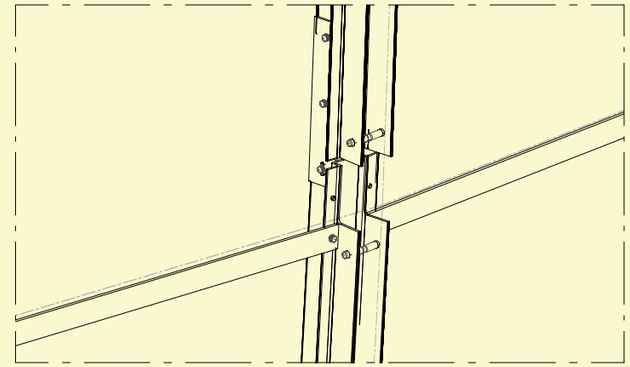


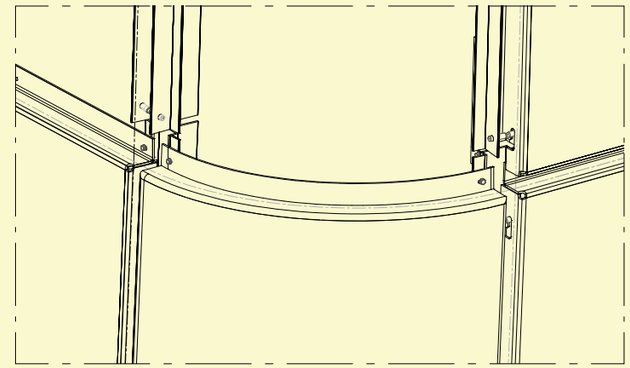




Общо количество	
Панел	Количество
A.01	187 бр.
A.02	47 бр.
A.03	77 бр.
B.01	179 бр.
B.02	49 бр.
B.03	75 бр.
ОБЩО:	485 бр.

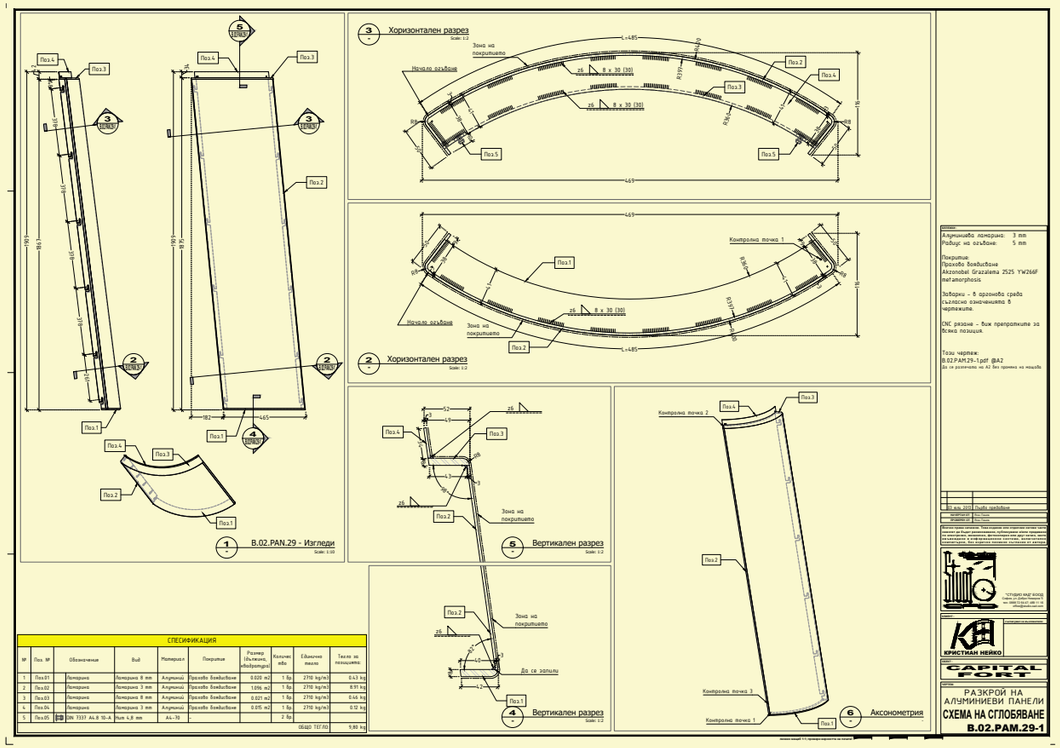
A.00.MSH.PAN
Монтажна схема алуминиеви панели – зона А



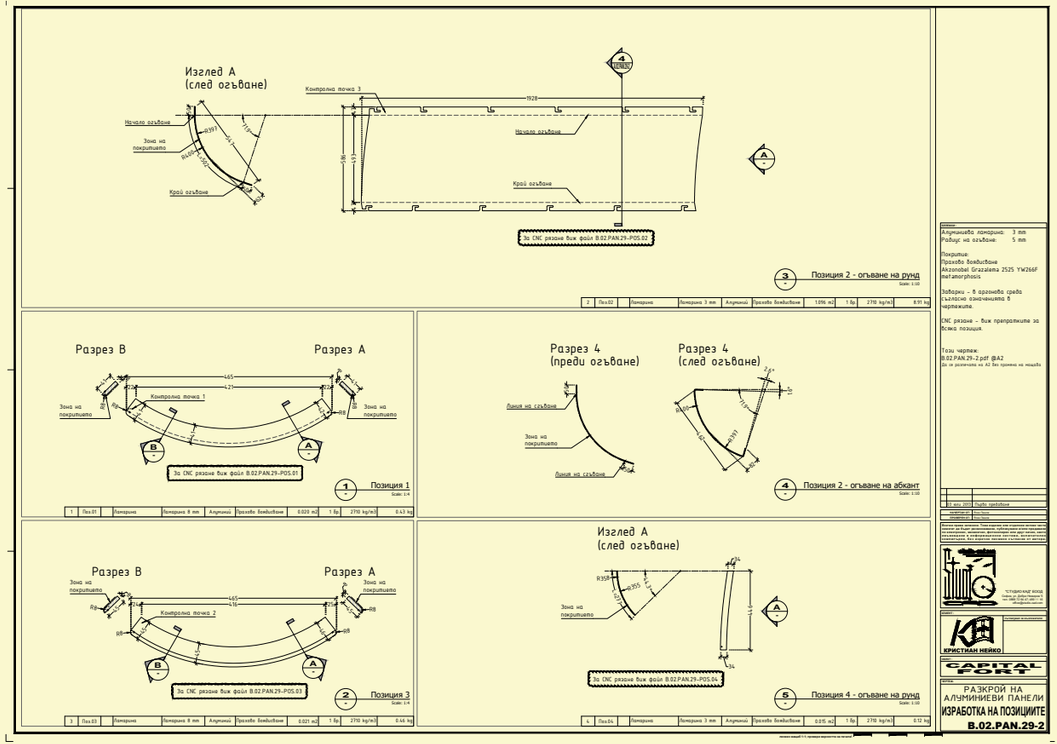


Scope of Services:

Shop drawings & Workshop drawings for:
Aluminum sheet panels



СПЕЦИФИКАЦИЯ								
№	Поз. №	Обозначение	Вид	Материал	Покритие	Размер (дължина, ширина, дебелина)	Количество	Единично тегло	Тегло на позицията
1	Поз.01		Потарица	Потарица 8 mm	Алуминий	Прахово бояджийство	0.020 m2	1 бр	2710 kg/m3	0.43 kg
2	Поз.02		Потарица	Потарица 3 mm	Алуминий	Прахово бояджийство	1.096 m2	1 бр	2710 kg/m3	8.91 kg
3	Поз.03		Потарица	Потарица 8 mm	Алуминий	Прахово бояджийство	0.021 m2	1 бр	2710 kg/m3	0.46 kg
4	Поз.04		Потарица	Потарица 3 mm	Алуминий	Прахово бояджийство	0.035 m2	1 бр	2710 kg/m3	0.12 kg
5	Поз.05	DIN 7337 A6.8 10-A	Нит 4.8 mm		Al.-Si			2 бр		
								Общо:	117.93	9.80 kg



Алуминиева ламарина: 3 mm
Радиус на огъване: 5 mm

Покритие:
Прахово боядисване
Akzonobel Grazalema 2525 YW266F metamorphosis

Забележки – В производствена среда възможно измерителните в чертежите

CNC рязане – виж препратките за всяка позиция.

Този чертеж:
B.02.PAN.29-1.pdf @A2
Да се разпечатва на А2 без промяна на мащаба

1	30 юли 2020	Първа проба
Нарисувал:	Кристиан Хейко	
Инженер:	Кристиан Хейко	

Всички права запазени. Това издание или негови части не могат да бъдат възпроизвеждани, съхранявани в информационни системи или предавани по електронен, механичен, фотокопирен или друг начин, както и да бъдат записвани, без изрично писмено съгласие от автора.

"СТУДИО ЗАЕ ВОЛФ"
Стара Загора 6300
ул. "Цар Симеон Велики" 9
office@zaewolf.com

Проект: Контрол на версиите:
КРИСТИАН ХЕЙКО

Обект:
CAPITAL FORT

Чертеж:
РАЗКРОЙ НА АЛУМИНИЕВИ ПАНЕЛИ
СХЕМА НА СГЛОБЯВАНЕ
B.02.PAM.29-1

Алуминиева ламарина: 3 mm
Радиус на огъване: 5 mm

Покритие:
Прахово боядисване
Akzonobel Grazalema 2525 YW266F metamorphosis

Забележки – В производствена среда възможно измерителните в чертежите

CNC рязане – виж препратките за всяка позиция.

Този чертеж:
B.02.PAN.29-2.pdf @A2
Да се разпечатва на А2 без промяна на мащаба

1	30 юли 2020	Първа проба
Нарисувал:	Кристиан Хейко	
Инженер:	Кристиан Хейко	

Всички права запазени. Това издание или негови части не могат да бъдат възпроизвеждани, съхранявани в информационни системи или предавани по електронен, механичен, фотокопирен или друг начин, както и да бъдат записвани, без изрично писмено съгласие от автора.

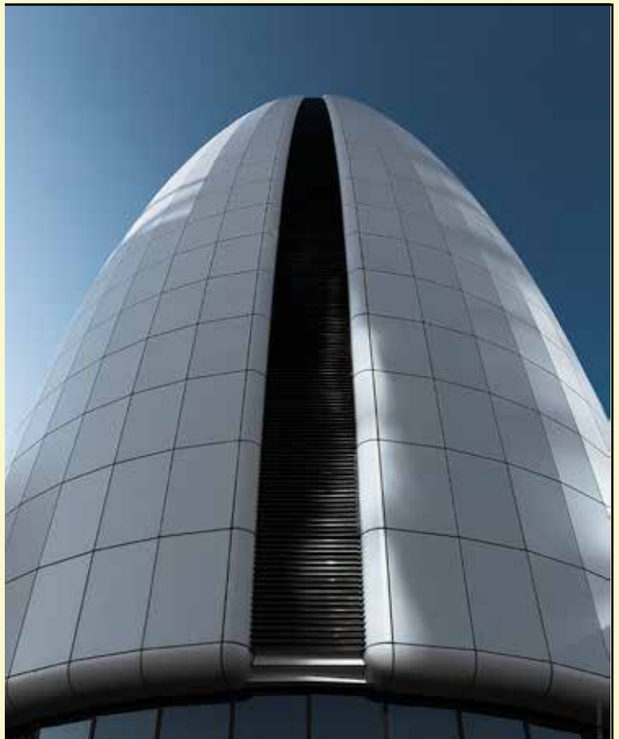
"СТУДИО ЗАЕ ВОЛФ"
Стара Загора 6300
ул. "Цар Симеон Велики" 9
office@zaewolf.com

Проект: Контрол на версиите:
КРИСТИАН ХЕЙКО

Обект:
CAPITAL FORT

Чертеж:
РАЗКРОЙ НА АЛУМИНИЕВИ ПАНЕЛИ
ИЗРАБОТКА НА ПОЗИЦИИТЕ
B.02.PAN.29-2











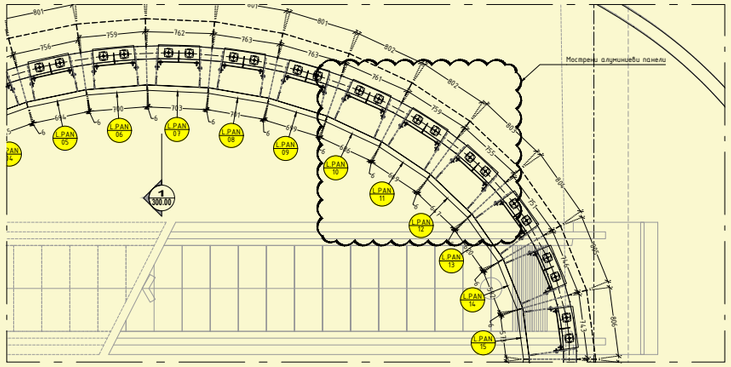


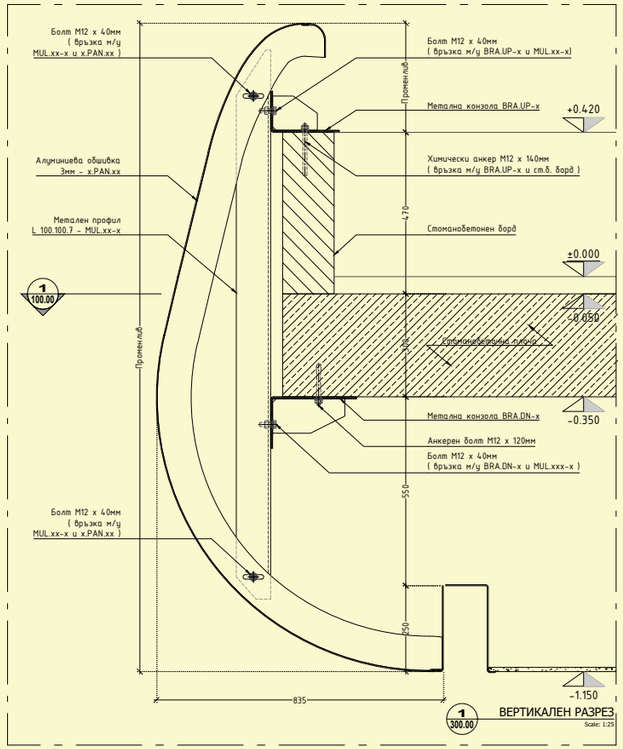
DONUT

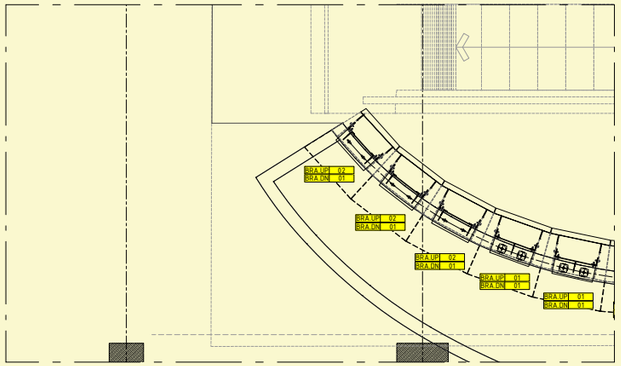
ATKINS & A&A ARCHITECTS

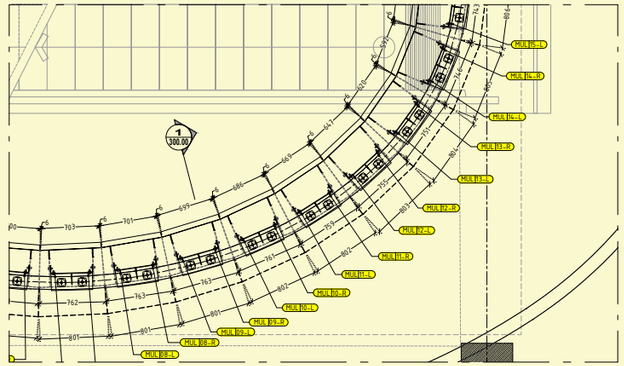
Location:	Sofia, Bulgaria
Date of completion:	2014
Area:	570 m^2
Shop Drawings:	XX pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	Kristian Neiko, TAL Engineering

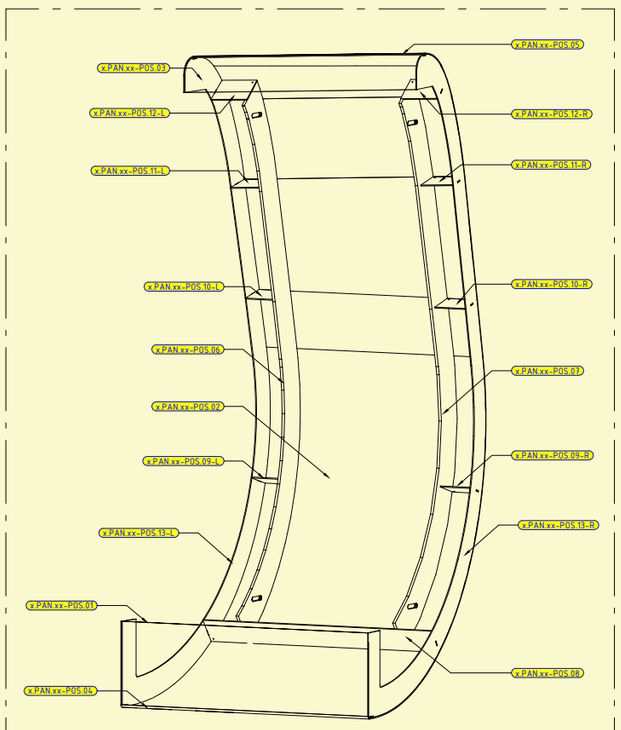


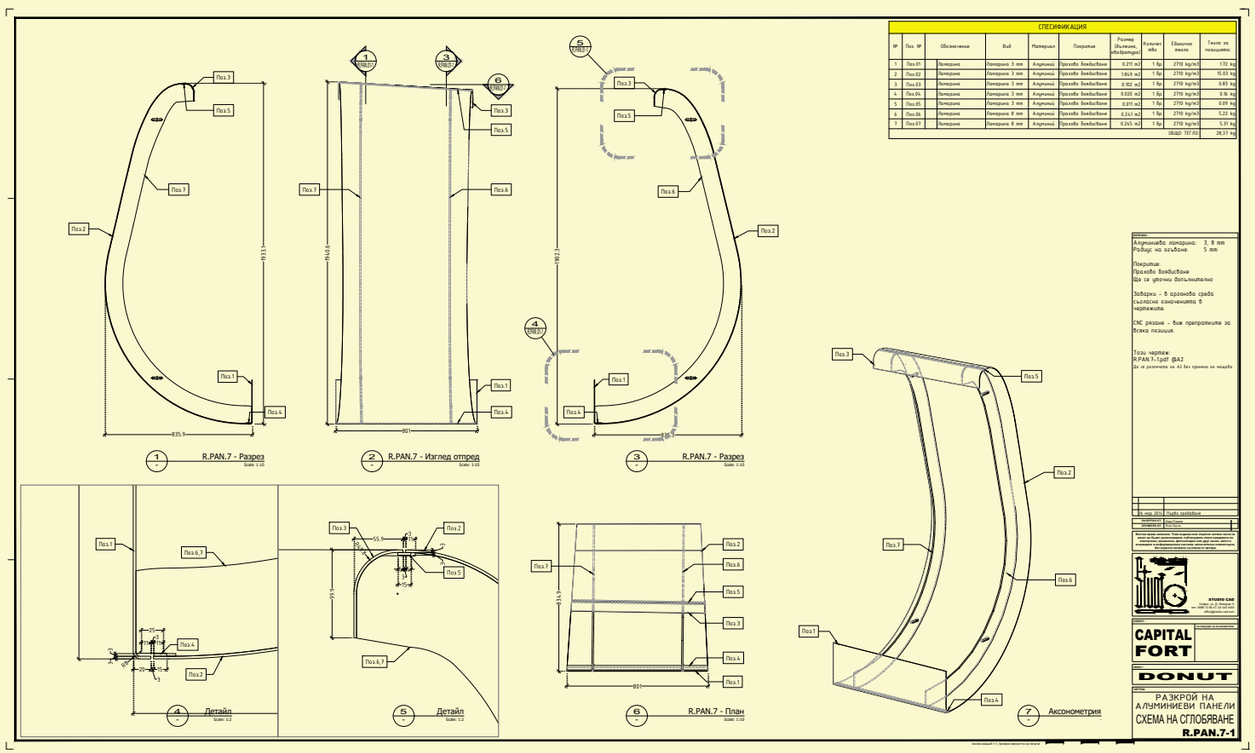






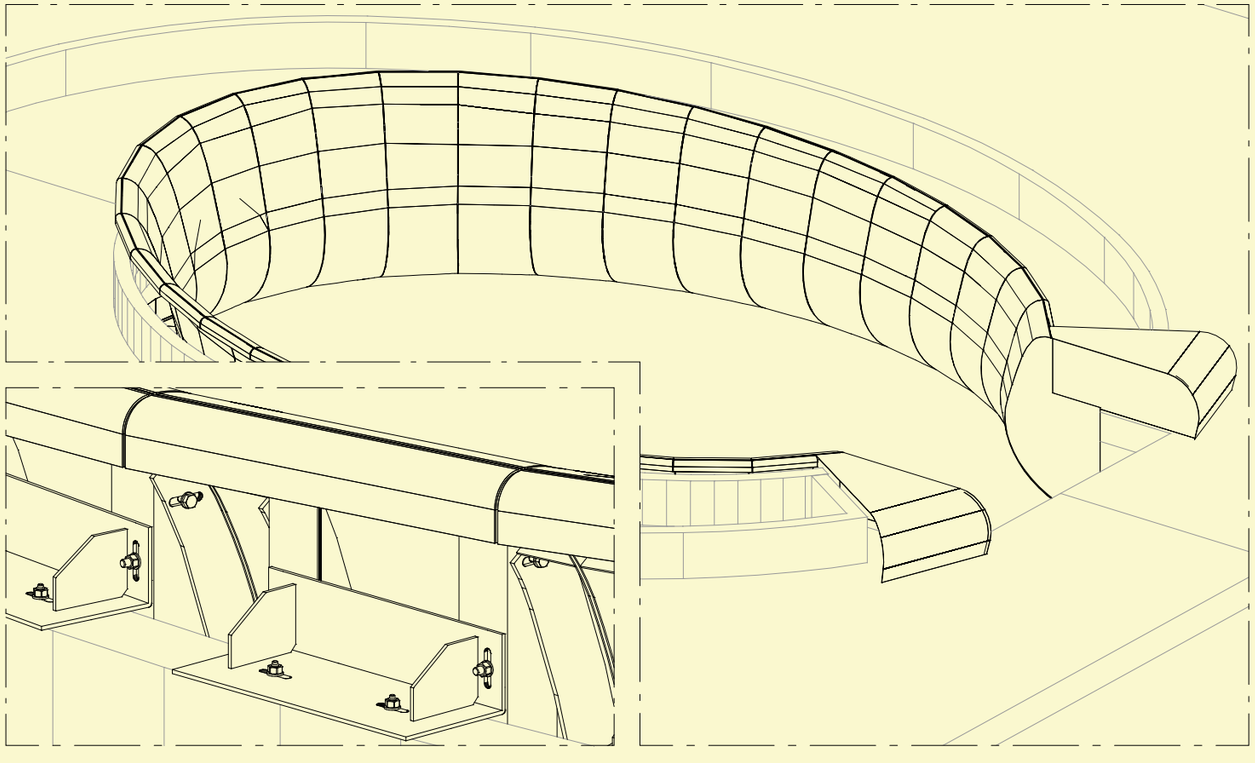






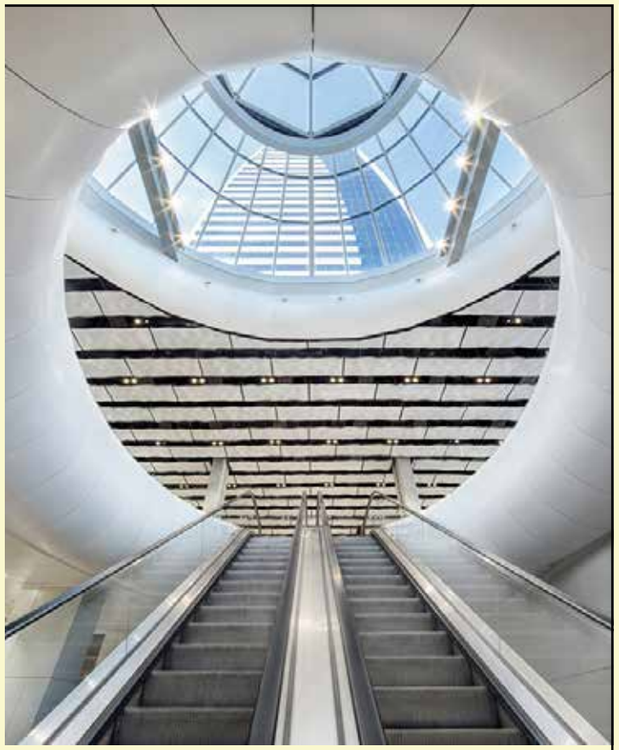
Scope of Services:

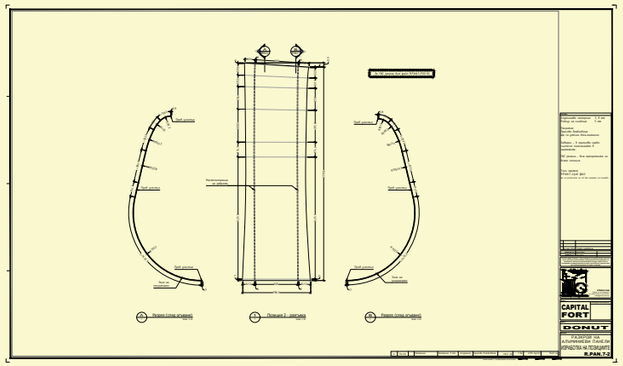
Shop drawings & Workshop drawings for:
Aluminum sheet panels above escalators
Technical execution design and mechanism for recycle bins
Interior cladding (ceramic panels)

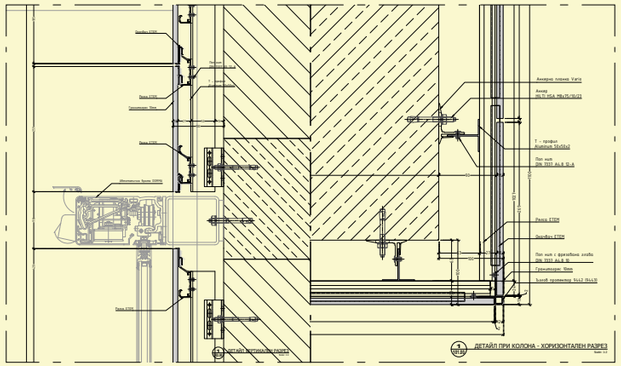






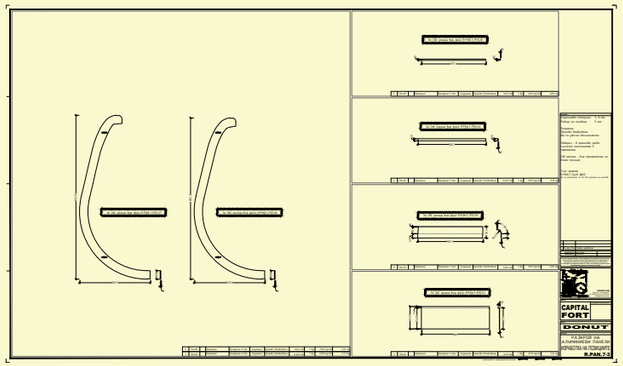


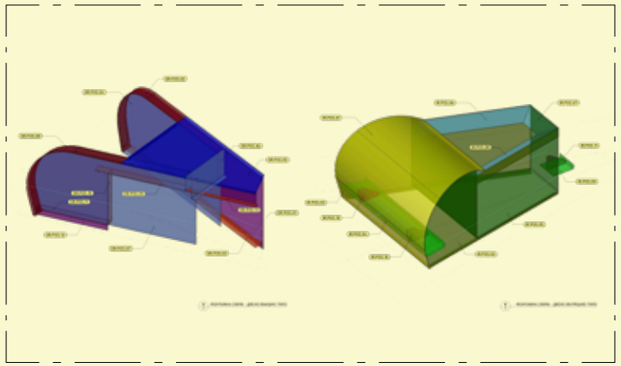














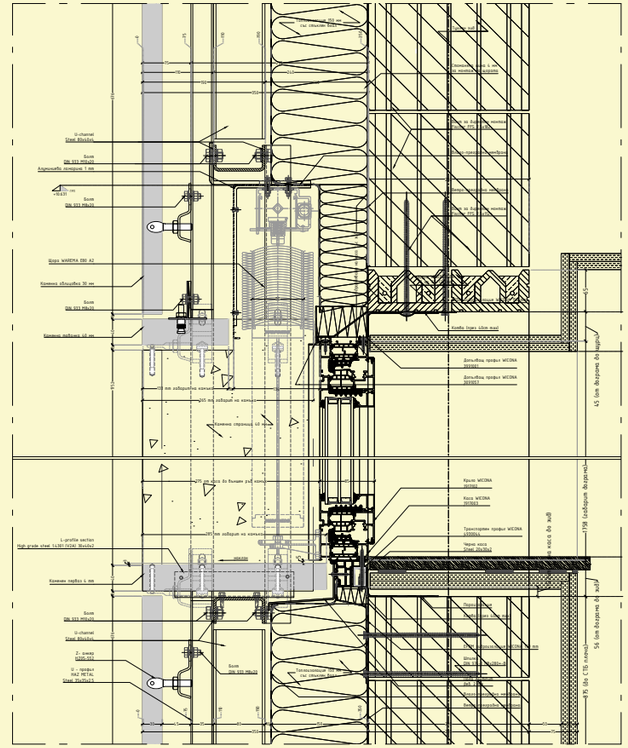


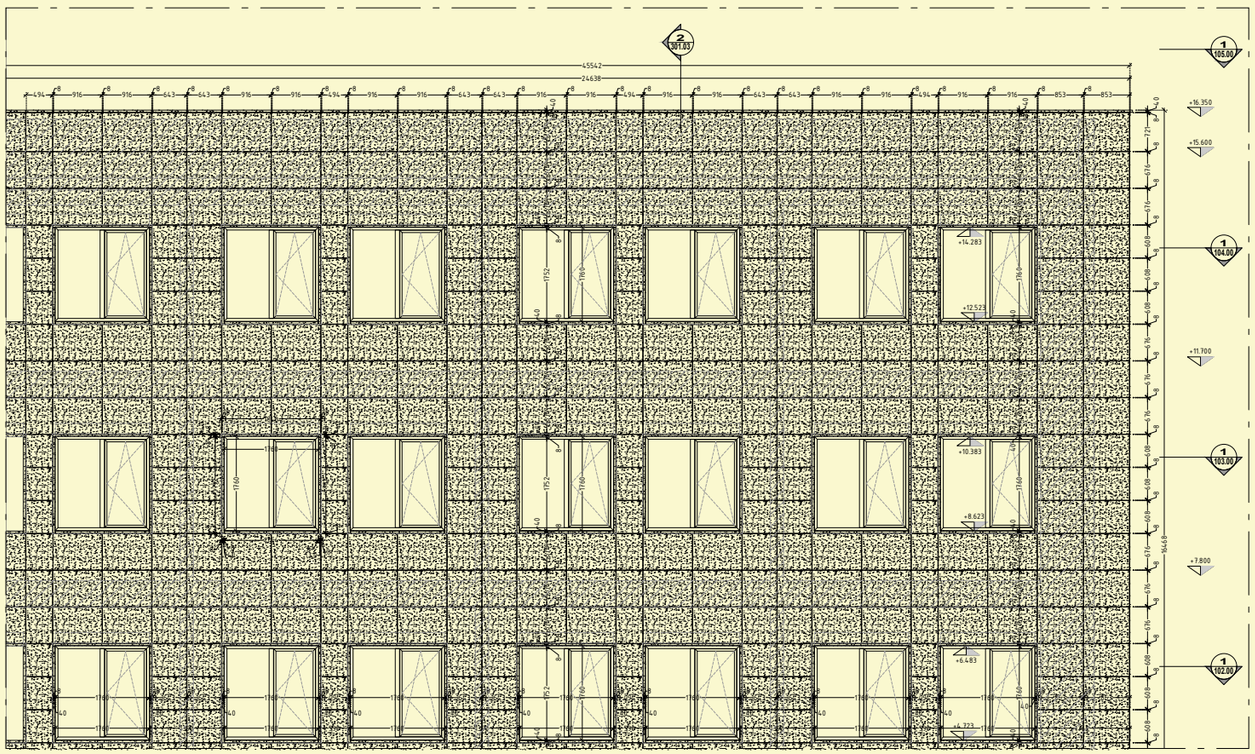
VISION CLINIC

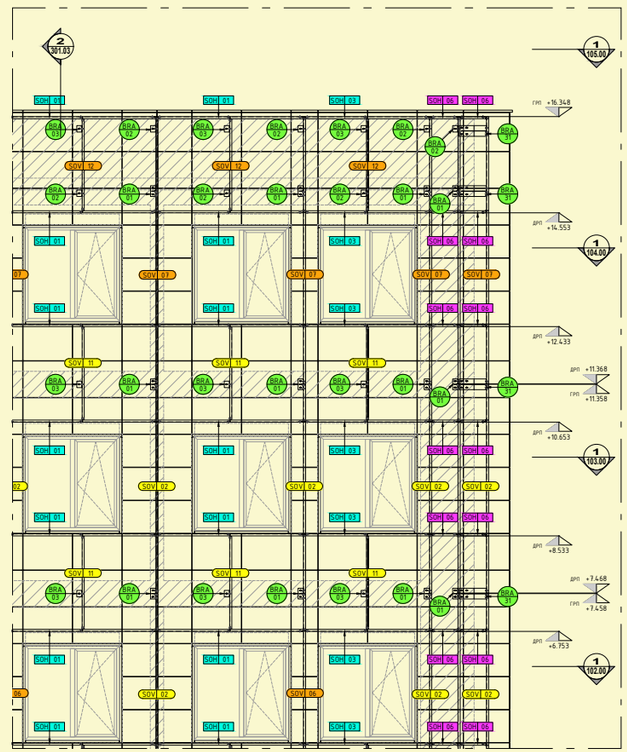
ARTPOINT STUDIO

Location:	Sofia, Bulgaria
Date of completion:	2015
Area:	5 337 m^2
Shop Drawings:	172 pcs @ AI
Cut Sheets:	XX pcs
Contractor:	Swiss Project Managment (SPM)



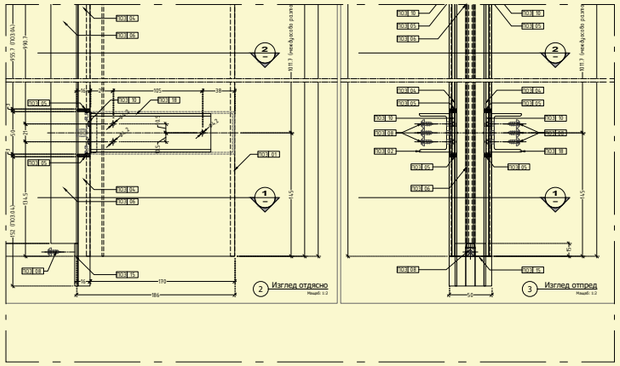


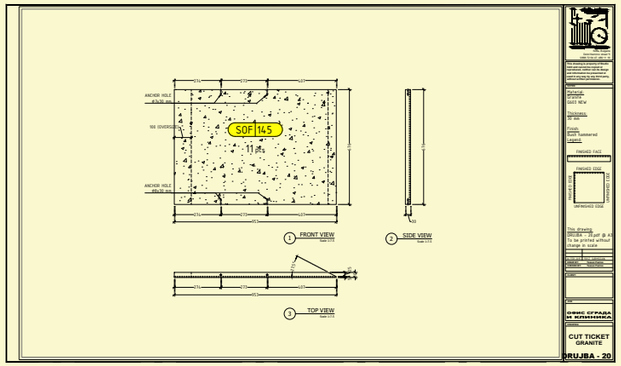




Scope of Services:

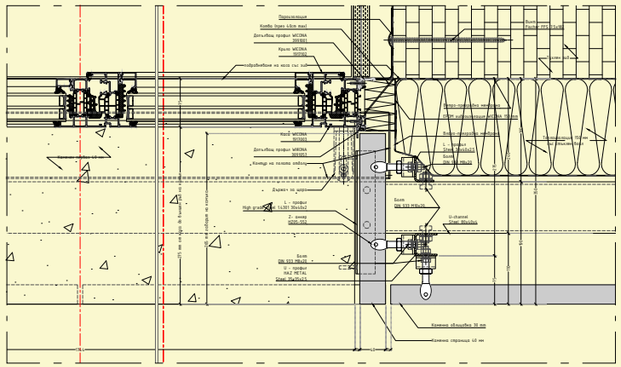
Shop drawings & Workshop drawings for:
Storefront
Stone Cladding
Windows & Doors
Facades

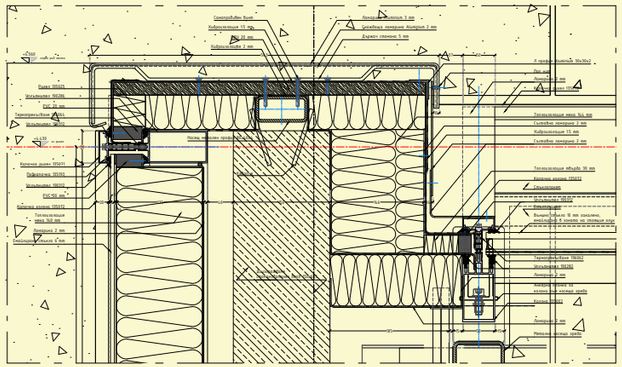

2 Изглед отдясно
3 Изглед отпред


SOF 145
1 FRONT VIEW
2 SIDE VIEW
3 TOP VIEW
CUT TICKET
GRANITE

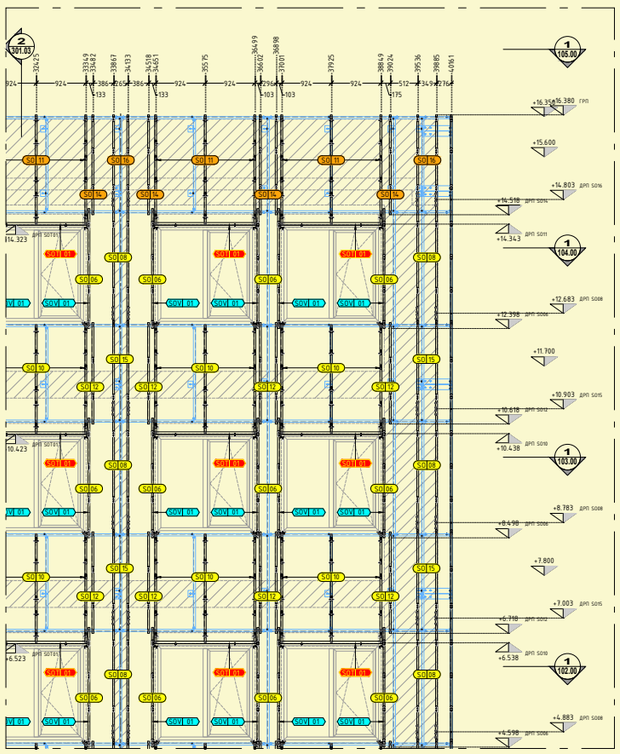


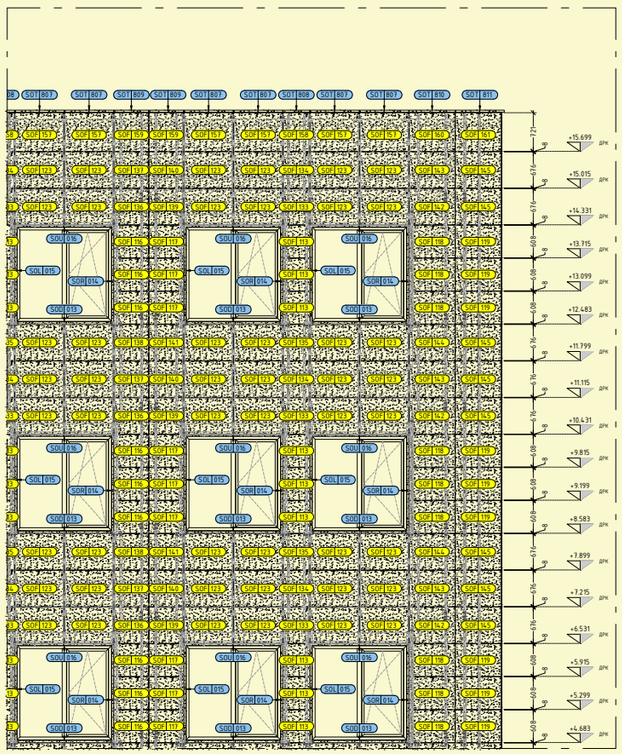

VISION















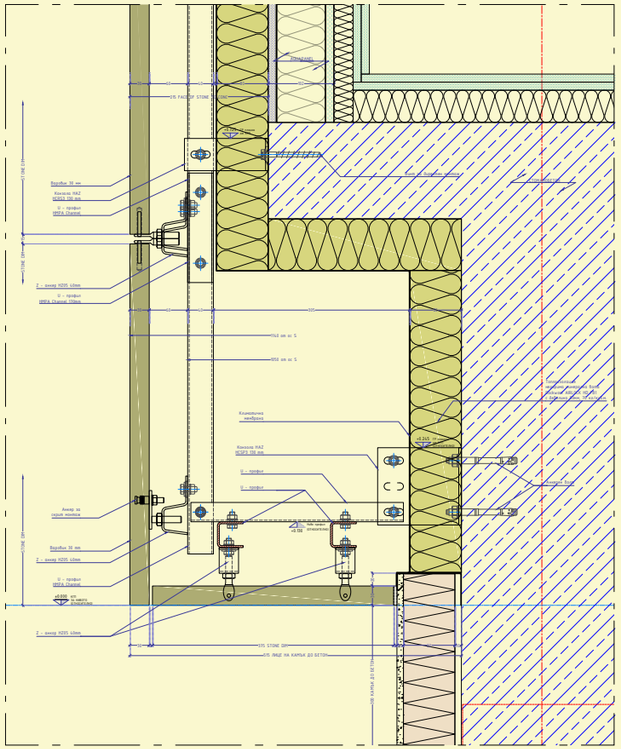


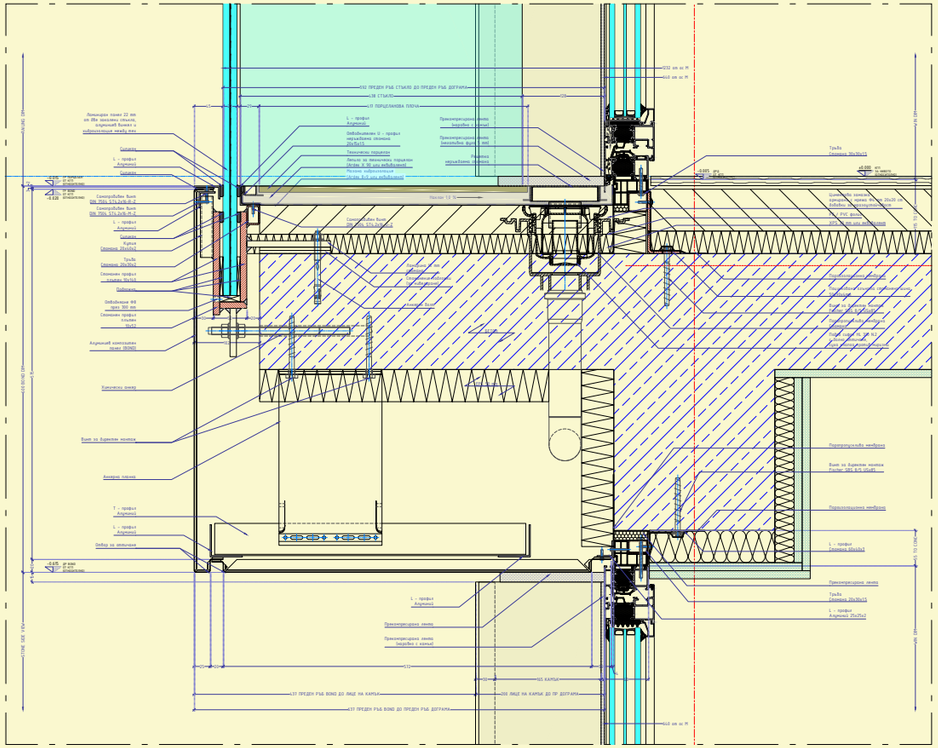
UDOVO

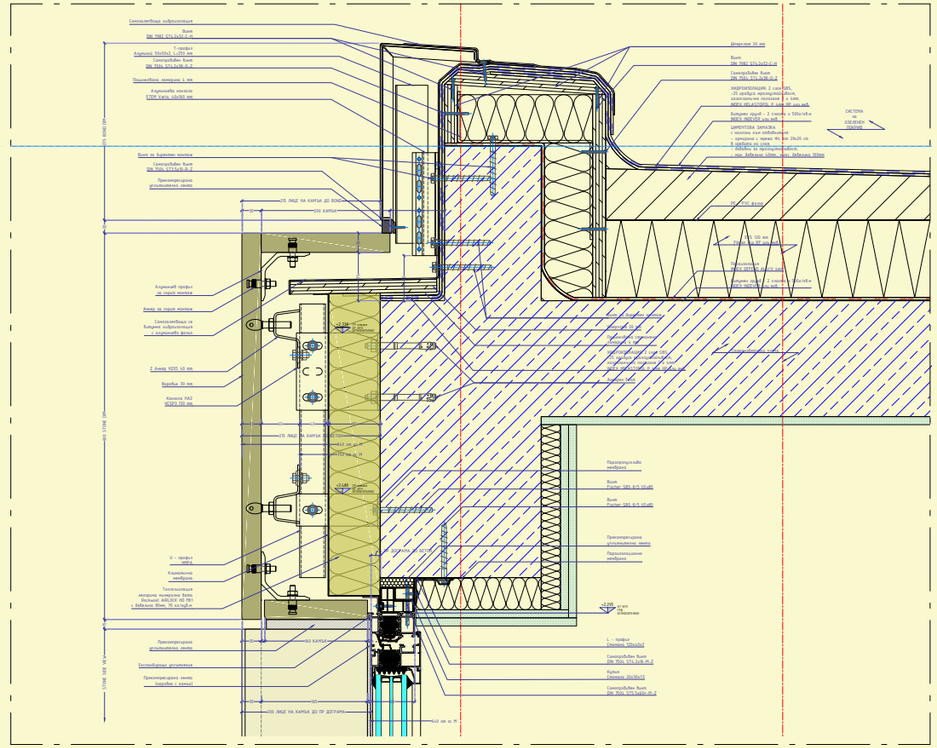
LP ARCH



Location:	Sofia, Bulgaria
Date of completion:	2018
Area:	XX XXX m^2
Shop Drawings:	122 pcs @ A1
Cut Sheets:	XX pcs
Contractor:	LP GROUP

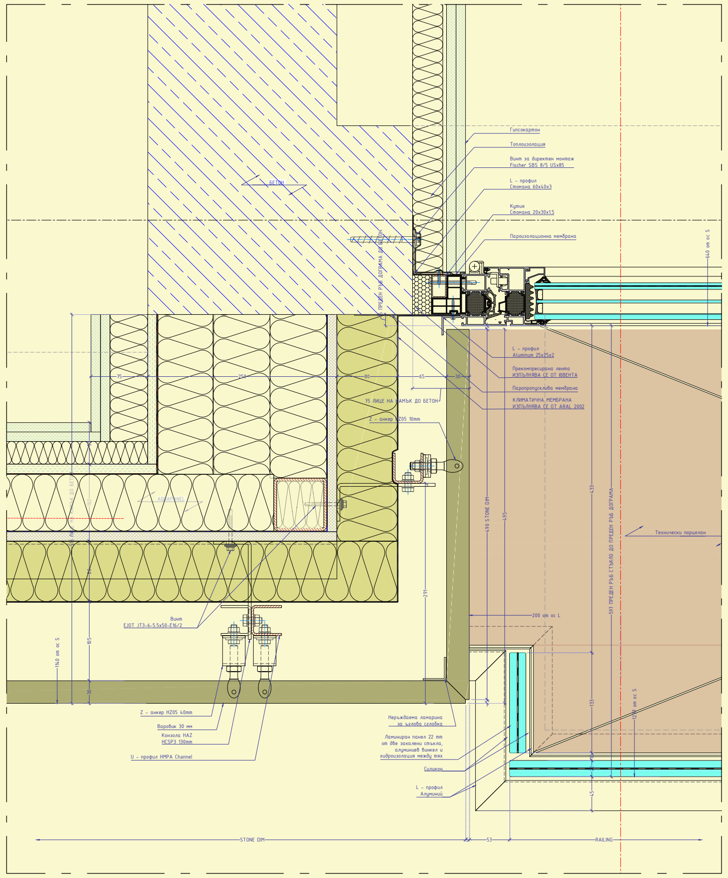


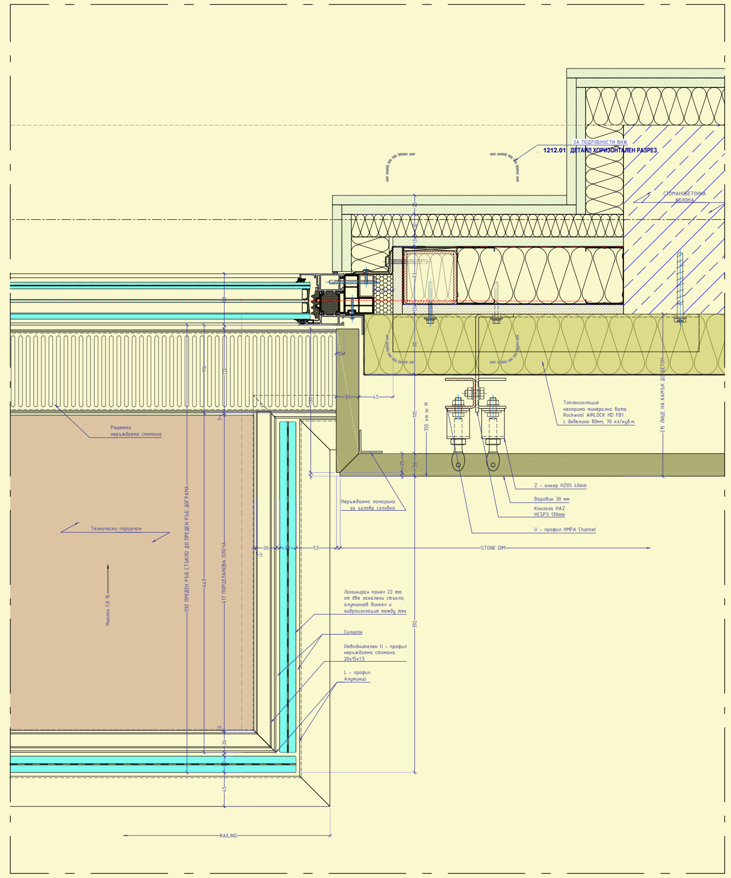




Scope of Services:

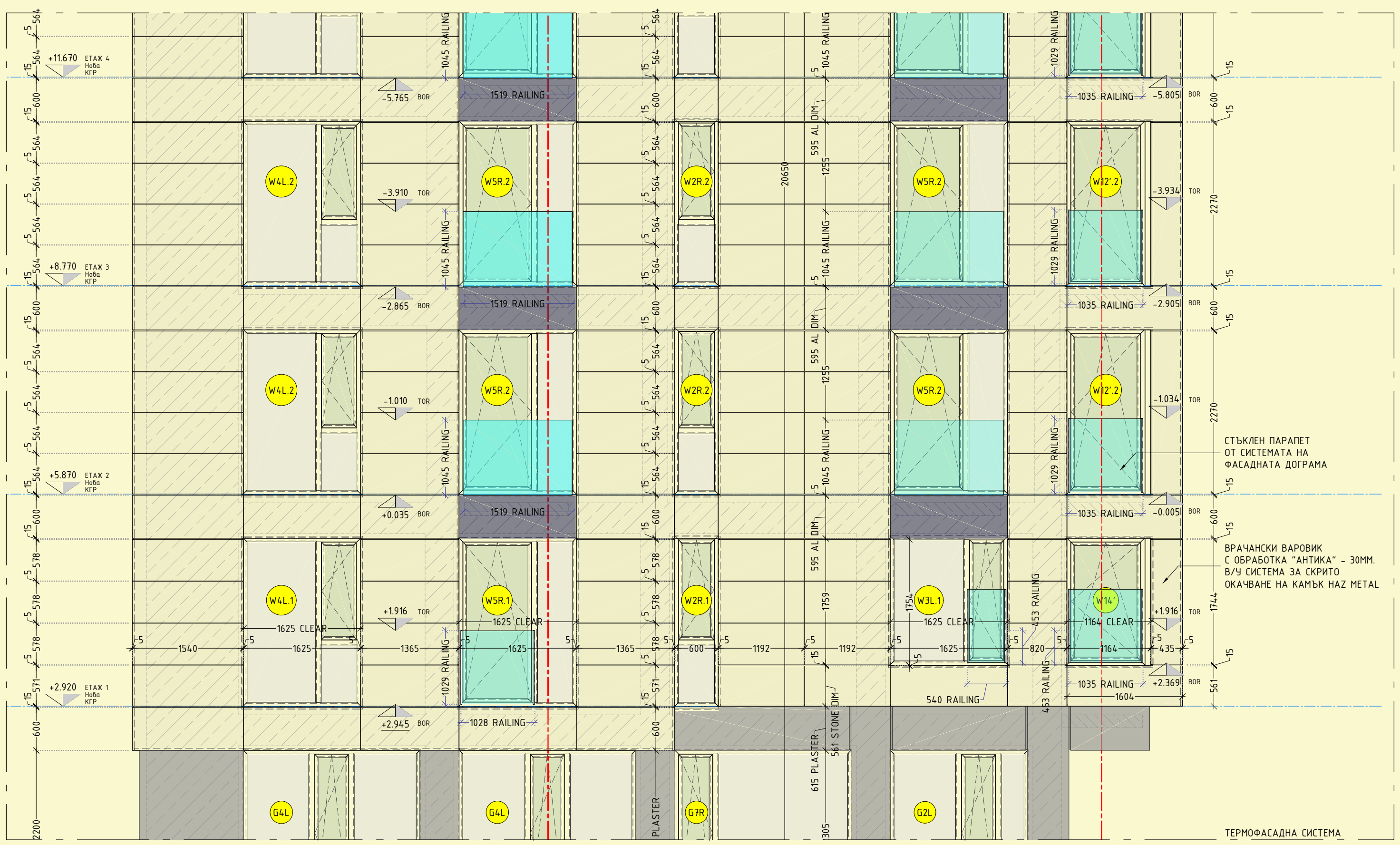
Overall design of facade building envelope:
Stone cladding
Windows
Glass railings
Boards
Etalbond coating
Facade plasters
Exterior walls KNAUF
Thermal & Hydro Insulation

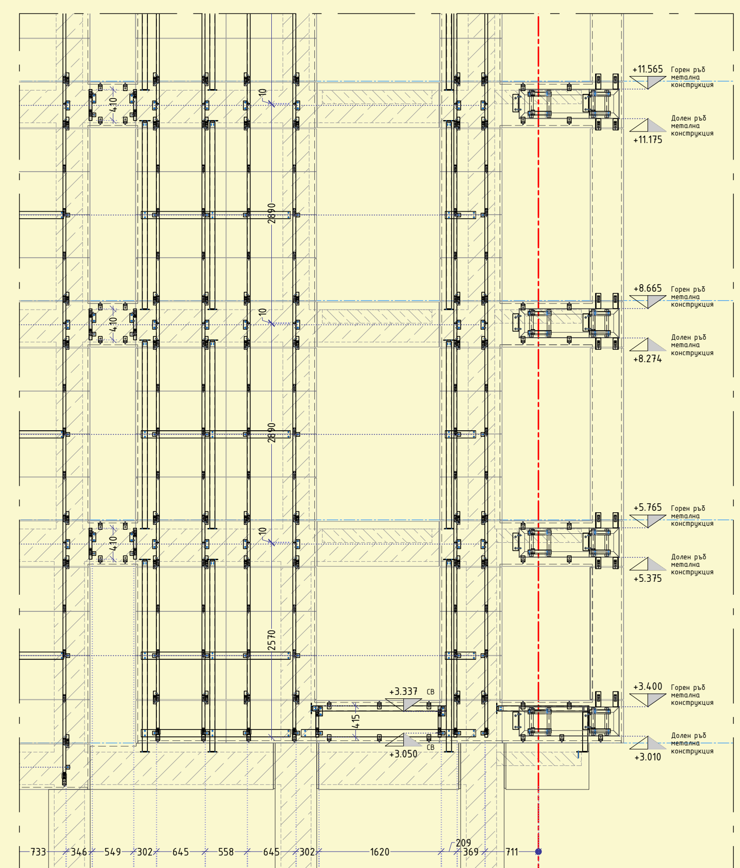


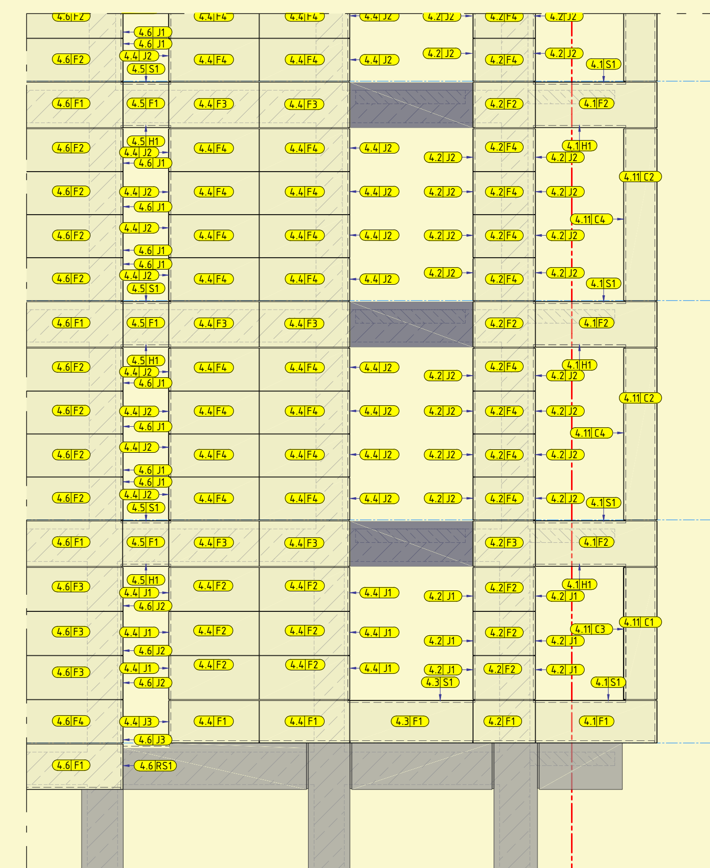







СТЪКЛЕН ПАРАПЕТ
ОТ СИСТЕМАТА НА
ФАСАДНАТА ДОГРАМА
ВРАЧАНСКИ ВАРОВИК
С ОБРАБОТКА "АНТИКА" - 30ММ.
В/У СИСТЕМА ЗА СКРИТО
ОКАЧВАНЕ НА КАМЪК HAZ METAL
ТЕРМОФАСАДНА СИСТЕМА

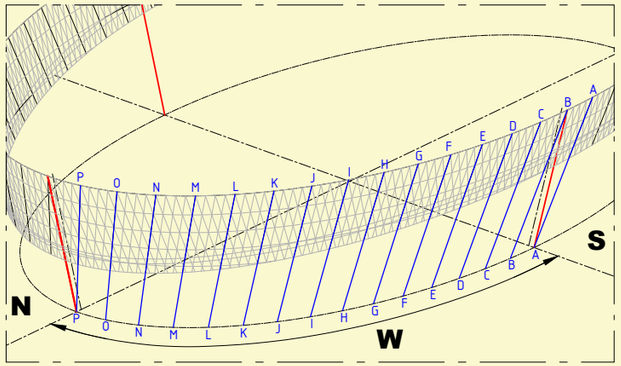


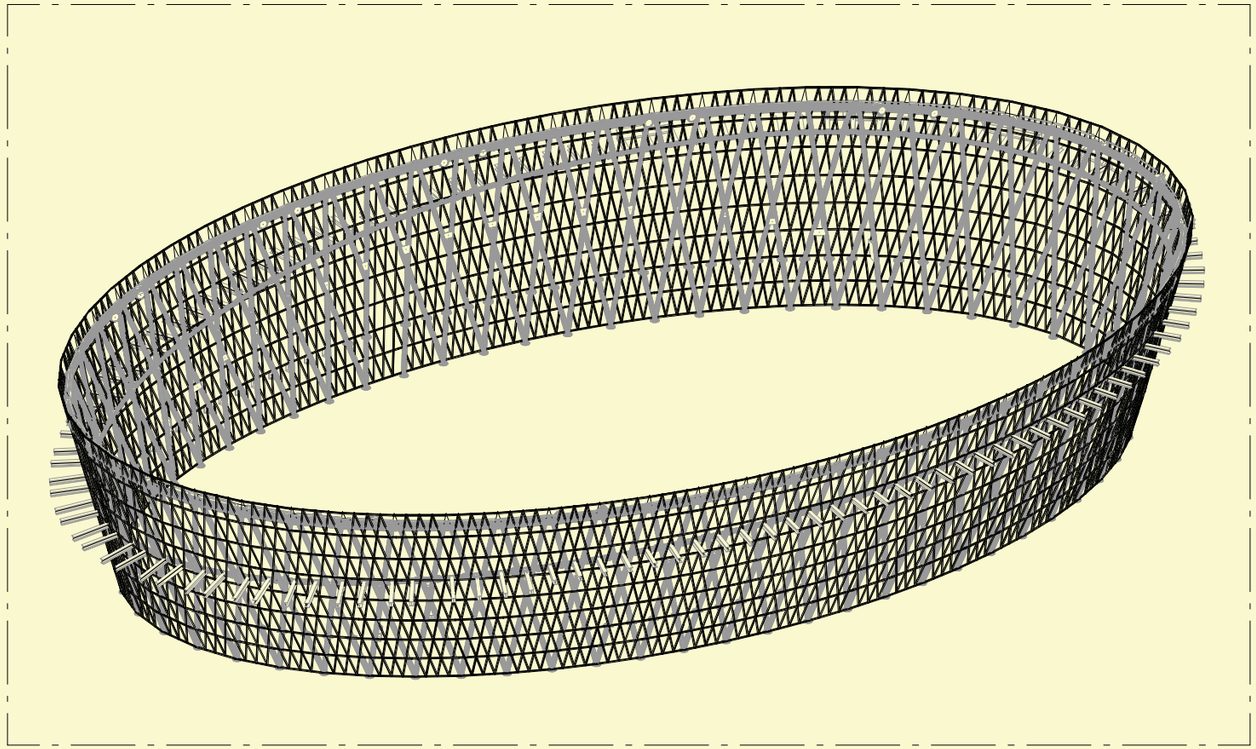


SWIMMING POOL

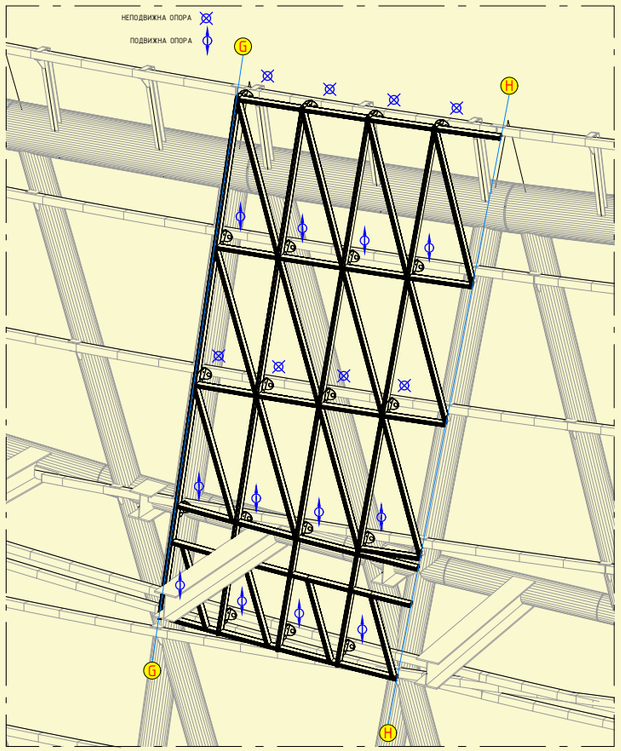
KADINOVI BROS

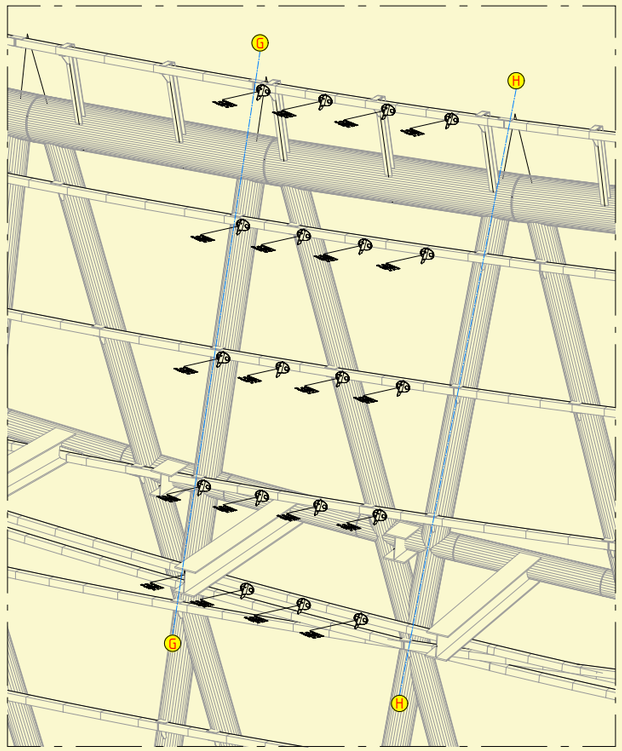


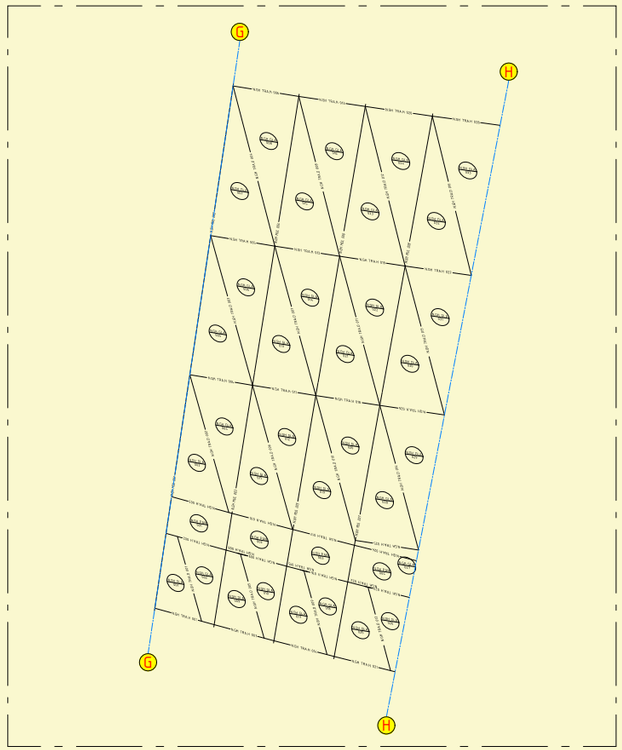




Location:	Burgas, Bulgaria
Date of completion:	2017
Area:	1 540 m^2
Shop Drawings:	8 000 pcs @ A2
Cut Sheets:	XX pcs
Contractor:	Krupal

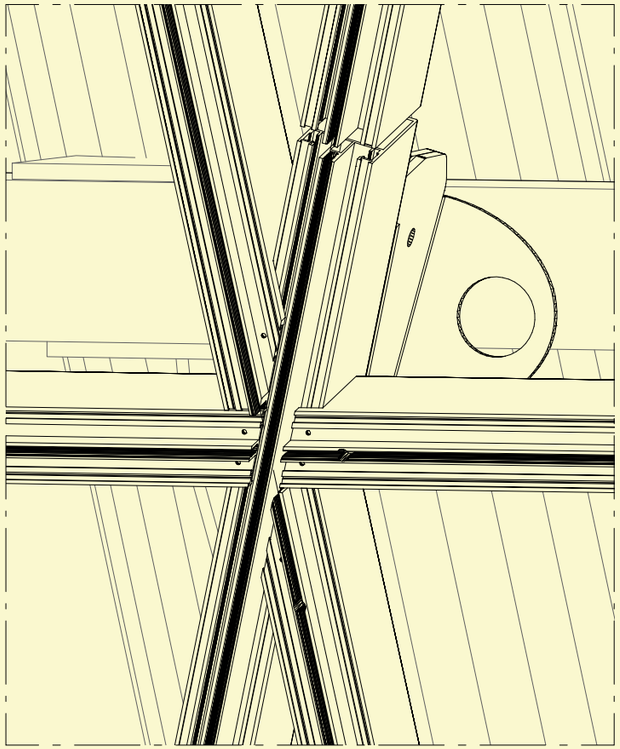


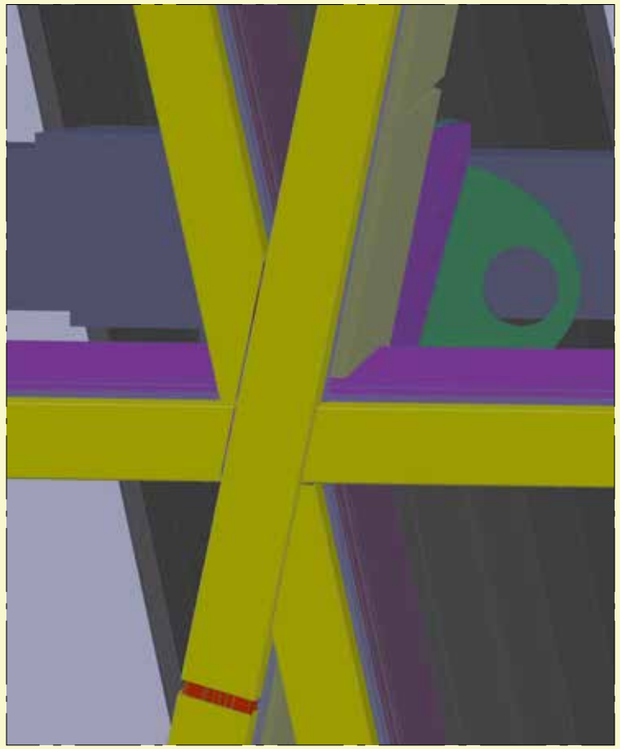




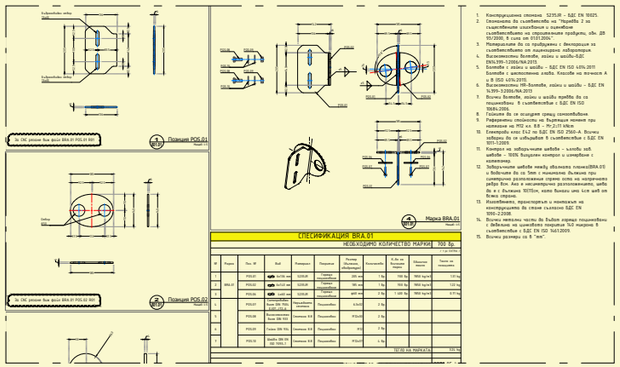
Scope of Services:

Shop drawings & Workshop drawings for:
Curtain wal









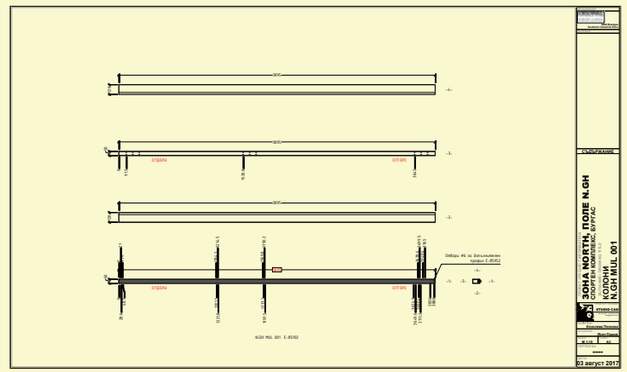
СПЕЦИФИКАЦИЯ BRA.01

НЕОБХОДИМО КОЛИЧЕСТВО МАРКИ: 700 бр.

№	Ролка	Поз. №	Вид	Типоразмер	Материал (Марка/Обозначение)	Количество	А, Ra, или Коефициент на полезно действие	Обозначение, забележка	Тегло на позицията
1		POS.01	ъгъл	ъгъл 100	S235JR	200 m	1 бр	100 бр	1800 kg/m	1.8 kg
2	BRA.01	POS.02	ъгъл	ъгъл 100	S235JR	180 m	1 бр	700 бр	1800 kg/m	1.8 kg
3		POS.03	ъгъл	ъгъл 100	S235JR	600 mm	1 бр	1.08 бр	1800 kg/m	0.9 kg
4		POS.04	Болт с шестостенна глава ISO 4014 - M16 x 70	Болт с шестостенна глава ISO 4014 - M16 x 70	Клас 8.8	4.5 kg	1 бр			
5		POS.05	Контактна бяла ISO 7089	Контактна бяла ISO 7089	Клас 200 HV	9 бр	1 бр			
6		POS.06	Гайка DIN 934	Гайка DIN 934	Класове 8.8	4.5	1 бр			
7		POS.07	Шайба DIN 125 A	Шайба DIN 125 A	Класове 8.8	9 бр	1 бр			

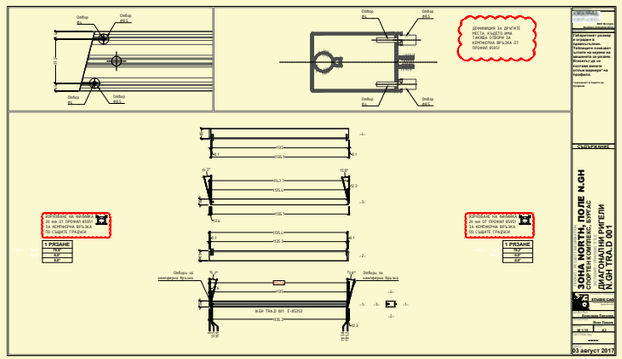
ОБЩО ЗА МАРКАТА: 700 бр.

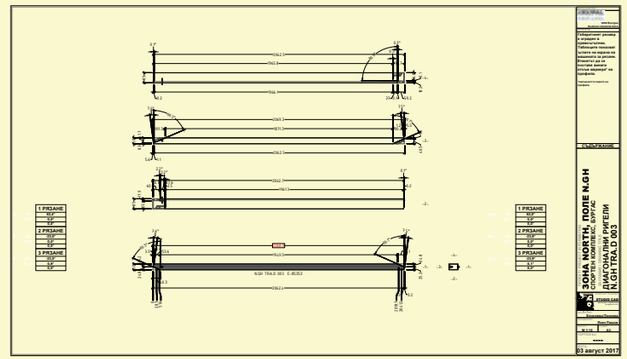
1. Конструкционна стомана S235JR – БДС EN 10025.
2. Отговаря на съответствие по "Наредба 2 за съществените изисквания и оценяване съответствието на строителните продукти, обн. ДВ бр. 1 от 2004 г., изм. ДВ бр. 5 от 2006 г.".
3. Материалите да са придружени с декларация за съответствието от акредитирана лаборатория.
4. Високопочнести болтове, гайки и шайби-БДС EN/ЕN 1090-2:2008/NA:2015.
5. Болтове с гайки и шайби – БДС EN ISO 4014:2011 Болтове с шестостенна глава. Класове на точност А и В. (ISO 4014:2011).
6. Високопочнести ПВ-болтове, гайки и шайби – БДС EN 14399-3:2008/NA:2010
7. Всички болтове, гайки и шайби трябва да са поцинковани в съответствие с БДС EN ISO 10684:2004.
8. Гаечките да са еластично срещу самоотвиване.
9. Референтна стойността на бъдещата якочна при напрежение над 992 кн. В.Ф. – Fr.1.01 kN/m
10. Елемент(и) клас Е42 по БДС EN ISO 2560-А. Всички заварки да са изпълнени в съответствие с БДС EN ISO 5817:2014.
11. Контрол на заварените шевове – всички зад. шевове – 100% Външен контрол и измерване с калибър.
12. Заварените шевове между обединен профил/BRA.01 и бойлите да са 3мм с минимално дълбоко про-никване. Всички останали шевове трябва да са минимум ребро Кос. Ако в чертежите няма изрично указание за в дължина 100%ен, освен ако няма шев от бяла страна.
13. Изисквания, процедурите и контролът на конструкцията да спазва съгласно БДС EN 1090-2:2008.
14. Всички видими части да бъдат изцяло поцинковани с бойлите на шевовете покрити ЗЦ покрити в съответствие с БДС EN ISO 1461:2009.
15. Всички размери са в "мм".

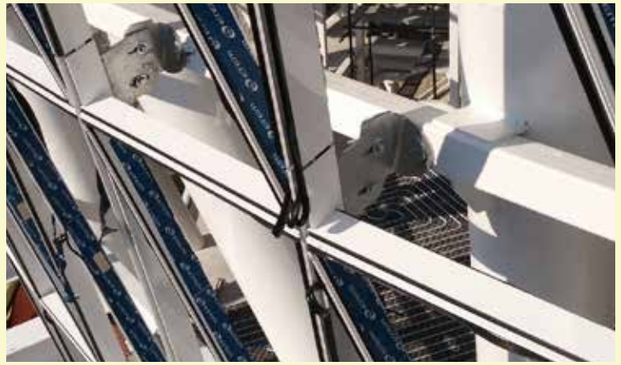










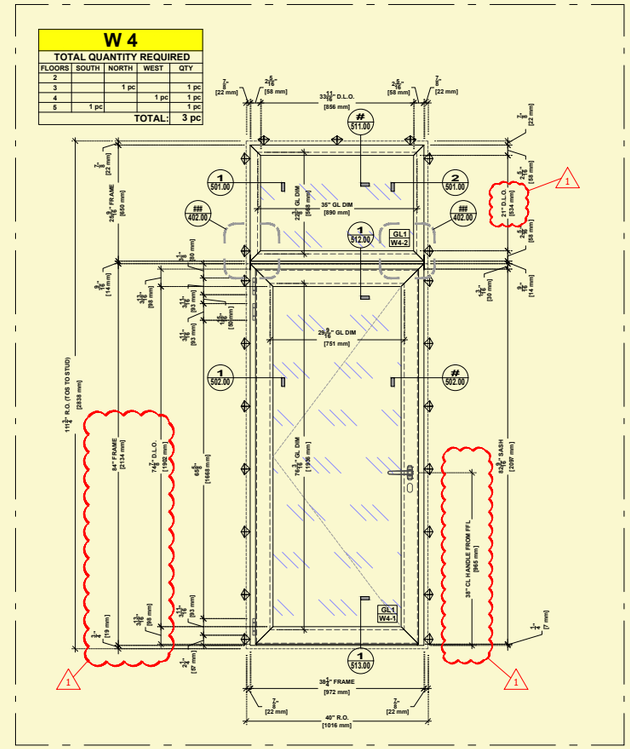


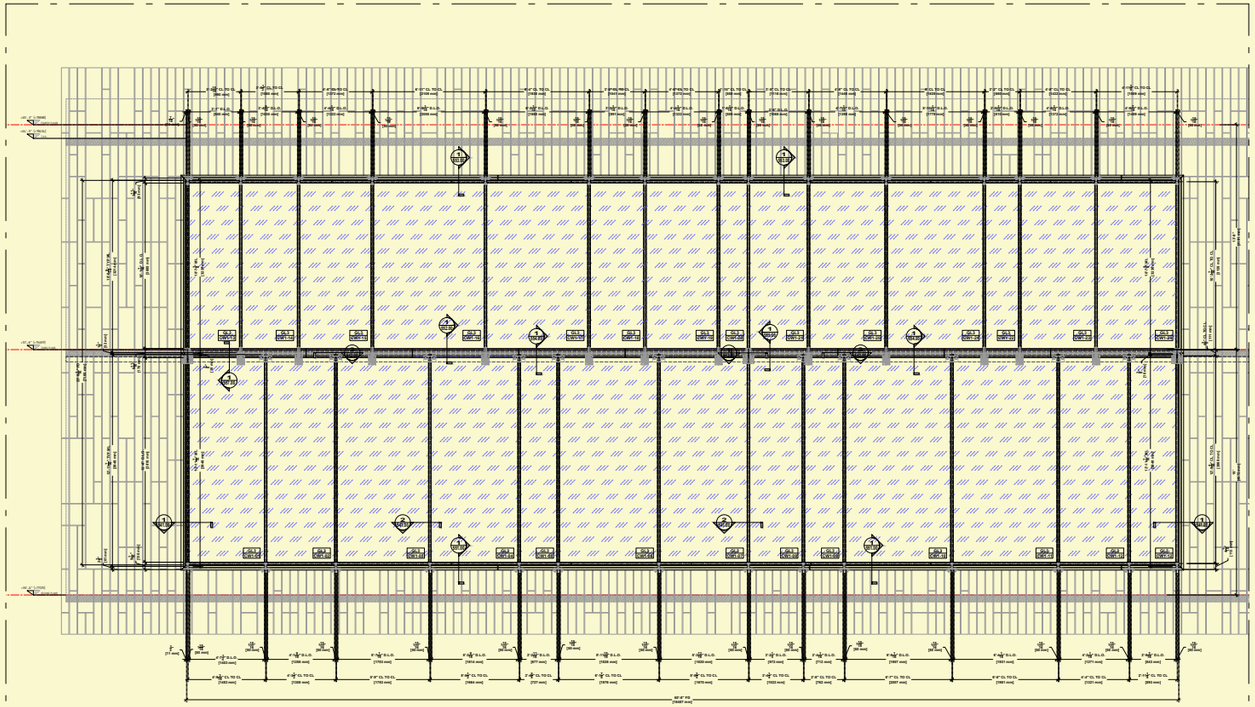
KINGS HIGHWAY

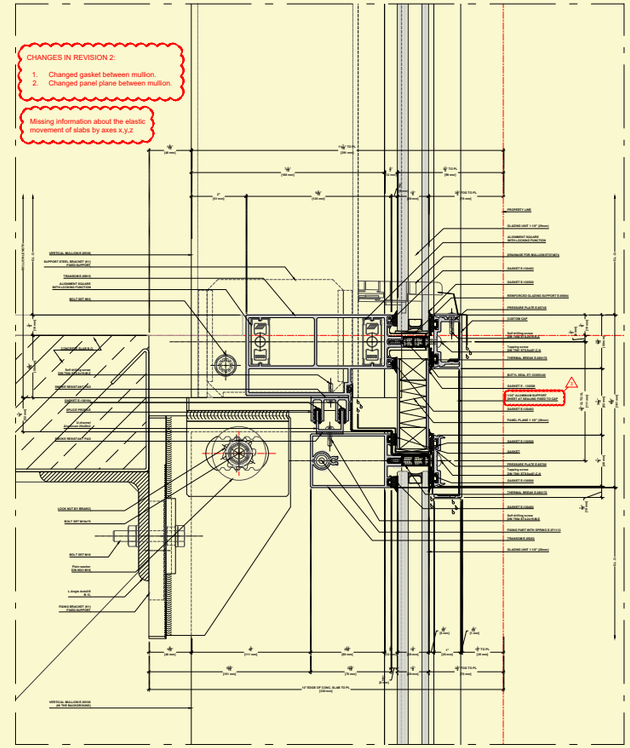
MURDOCK SOLON ARCHITECTS



Location:	Brooklyn, NY, USA
Date of completion:	2018
Area:	XX XXX m^2
Shop Drawings:	63 pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	ETEM

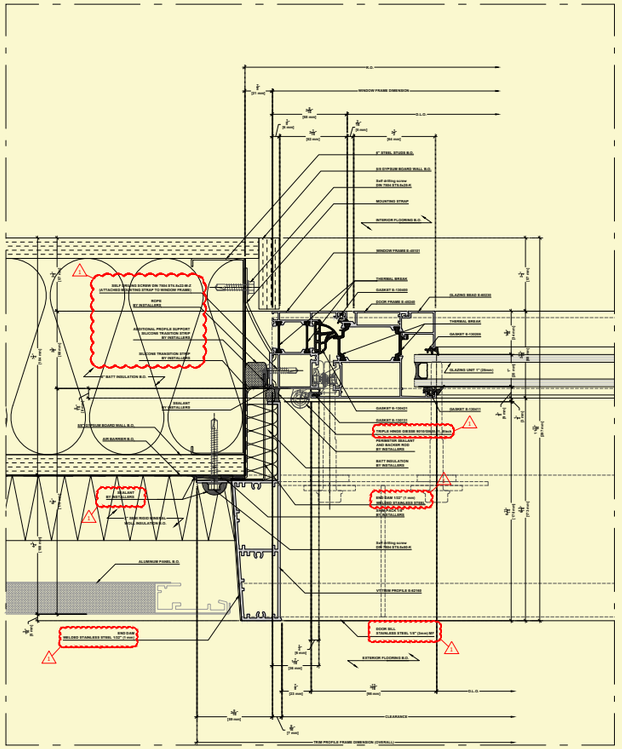


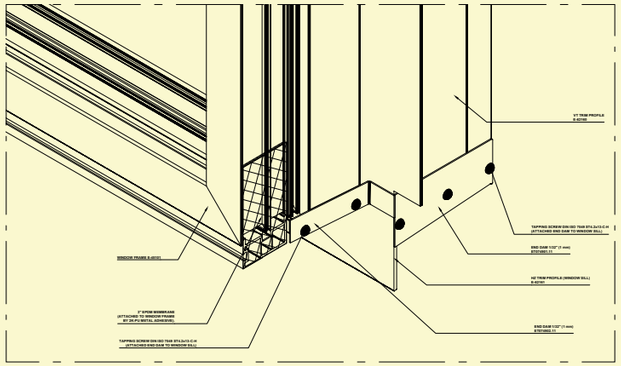


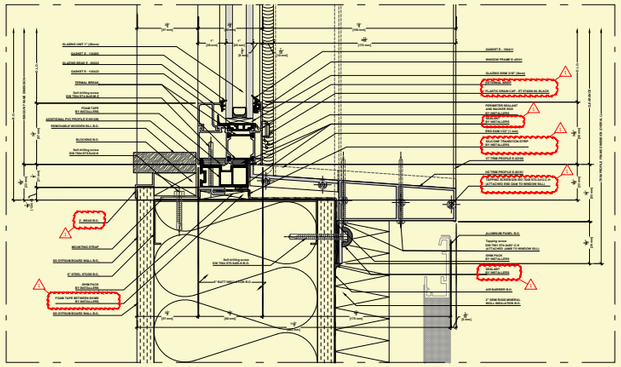


Scope of Services:

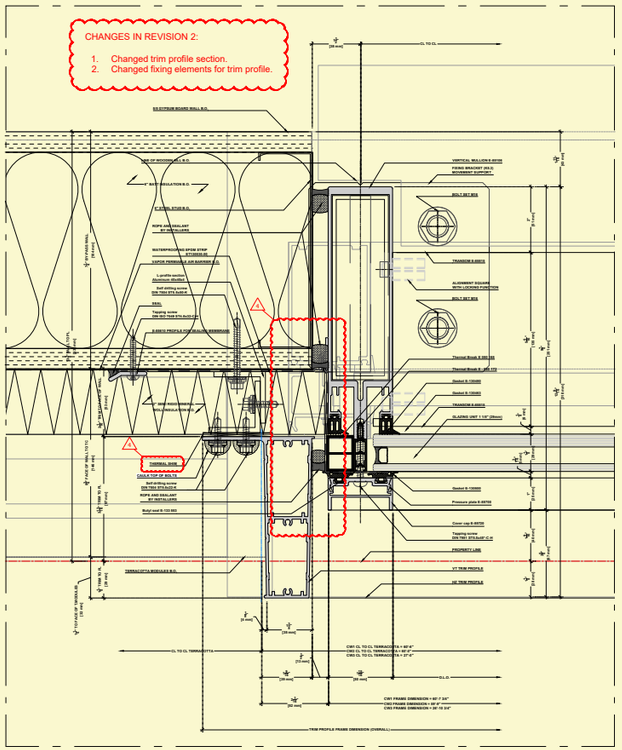
Shop drawings for:
Curtain wall
Windows
Storefronts

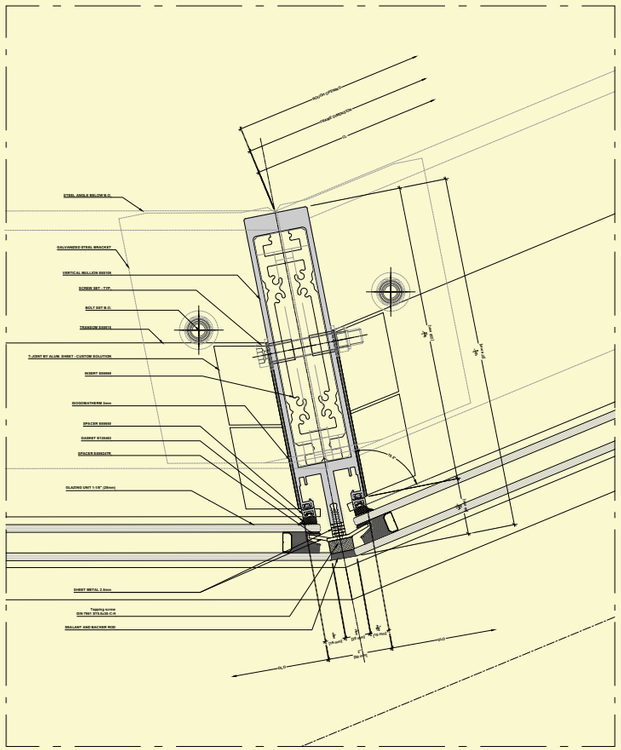









CHANGES IN REVISION 2:
1. Changed trim profile section.
2. Changed fixing elements for trim profile.







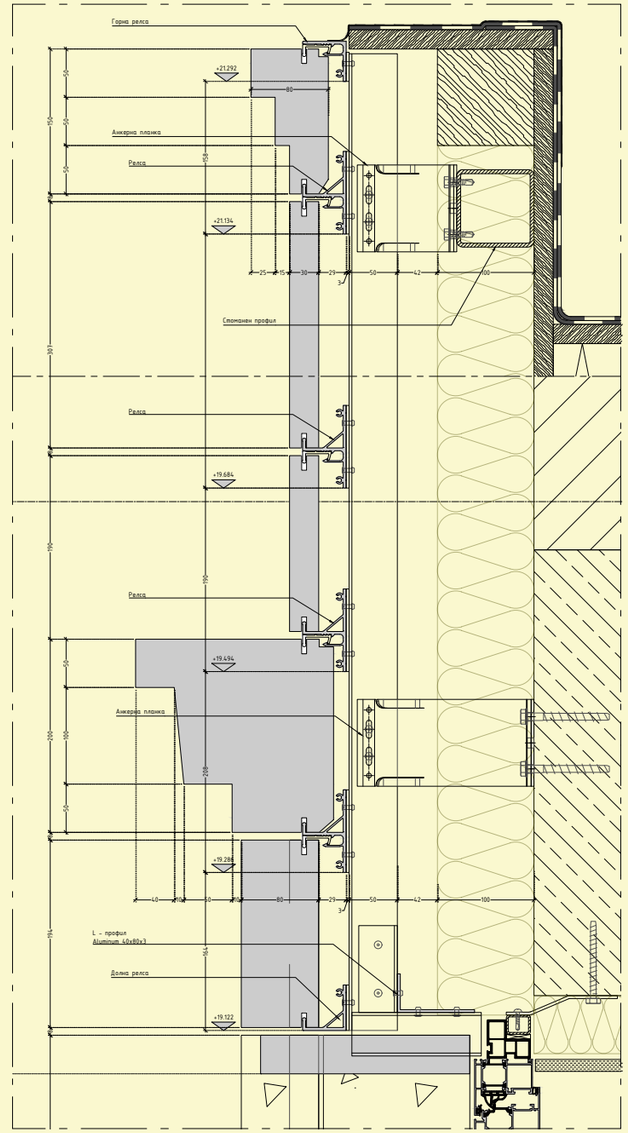


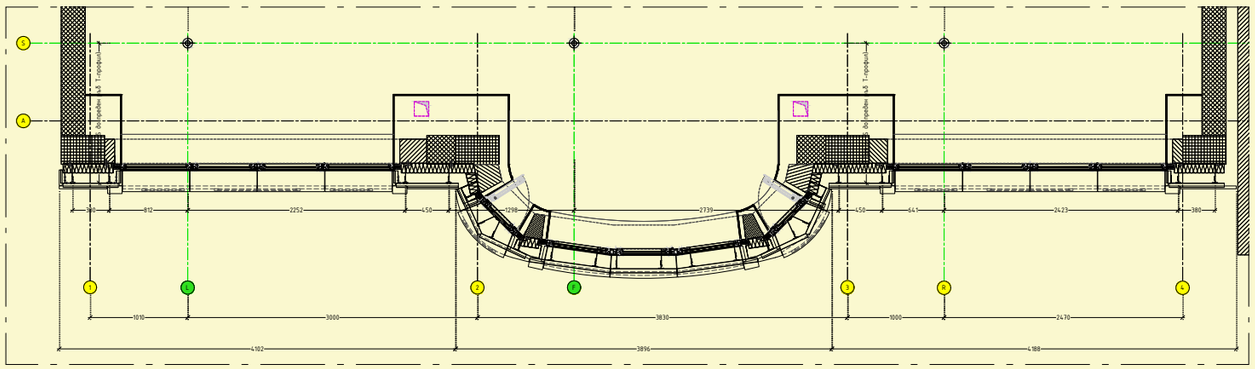


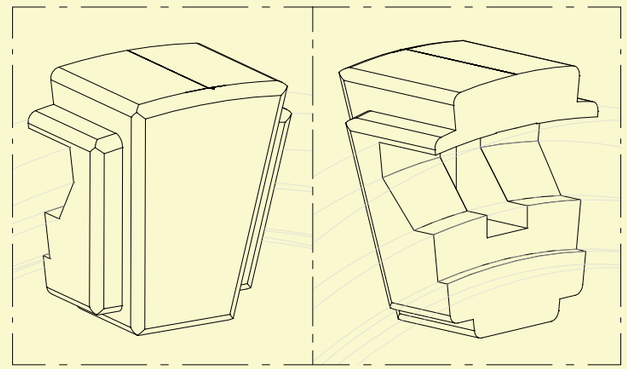
SLAVEIKOV



Location:	Sofia, Bulgaria
Date of completion:	2012
Area:	260 m^2
Shop Drawings:	XX pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	BULMARMA (stone cladding) , G.P. GROUP ltd. (Windows & storefronts)

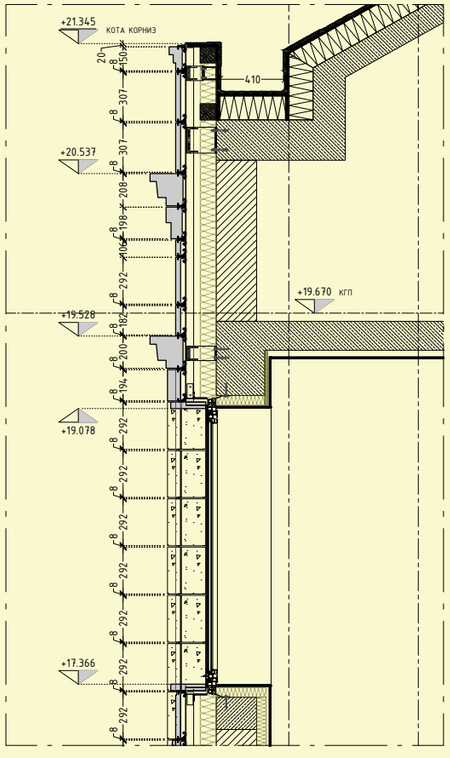


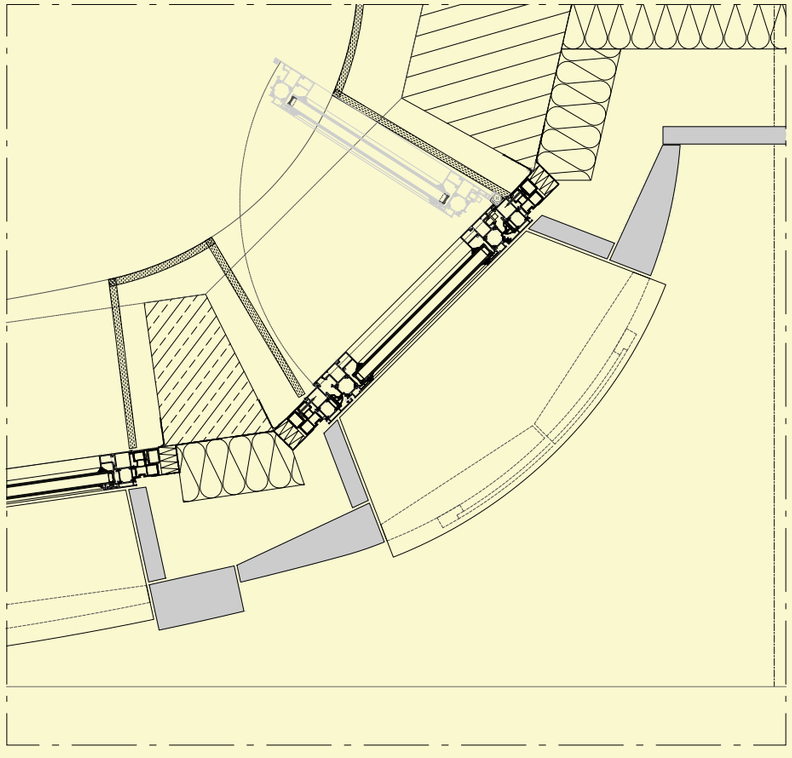




Scope of Services:

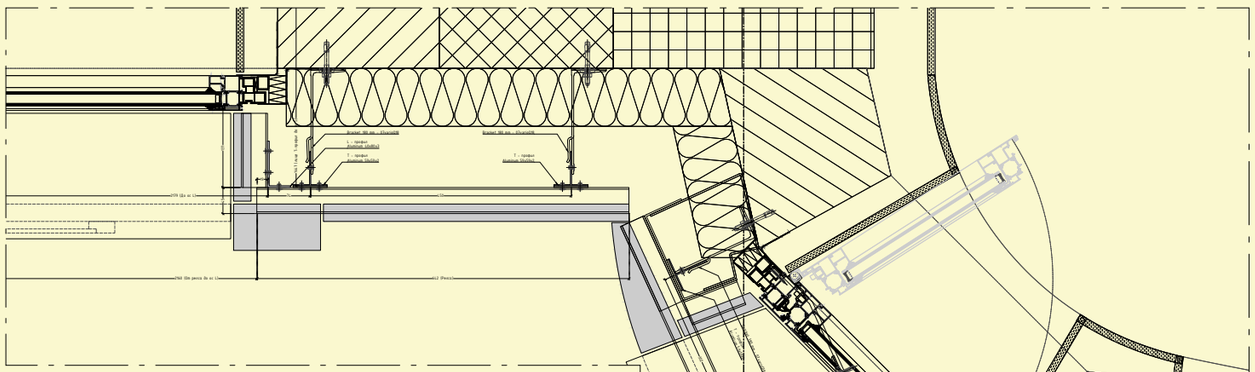
Shop drawings & Workshop drawings for:
Stone wall cladding
Windows
Storefronts


+21.345
КОТА КОРНИЗ
410
+20.537
+19.670 КГП
+19.528
+19.078
+17.366



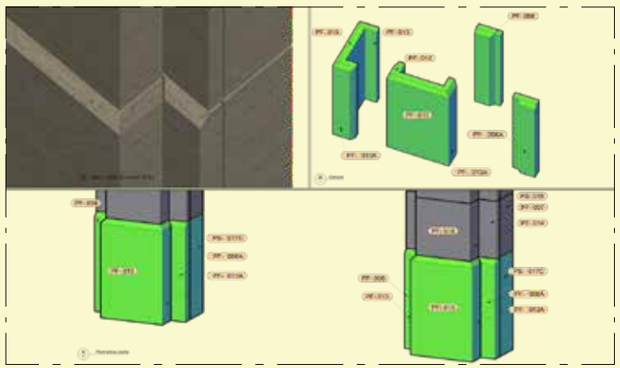












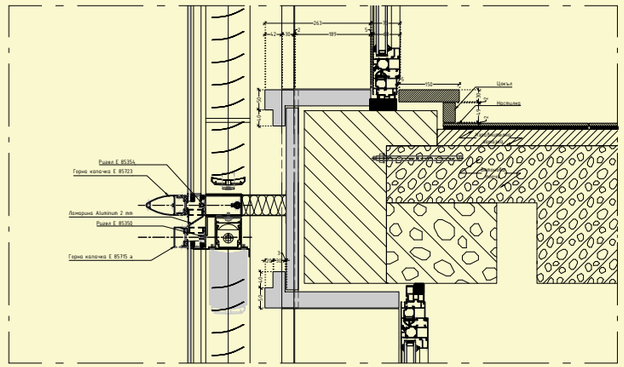


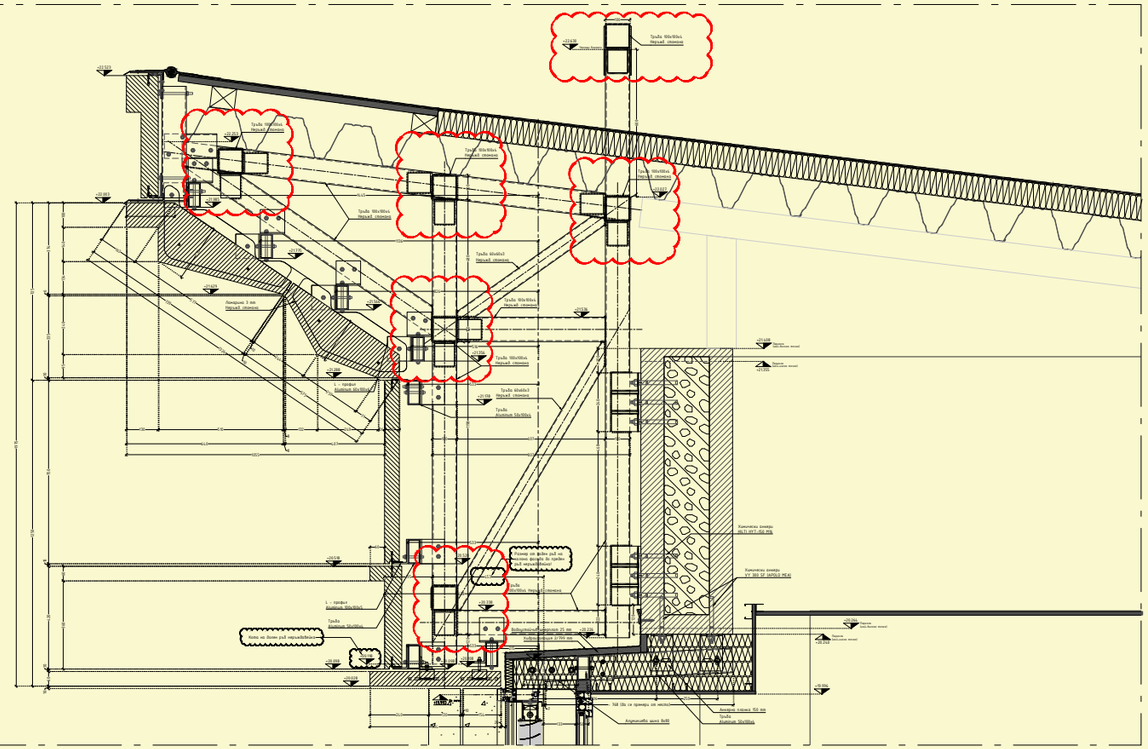


D-BANK

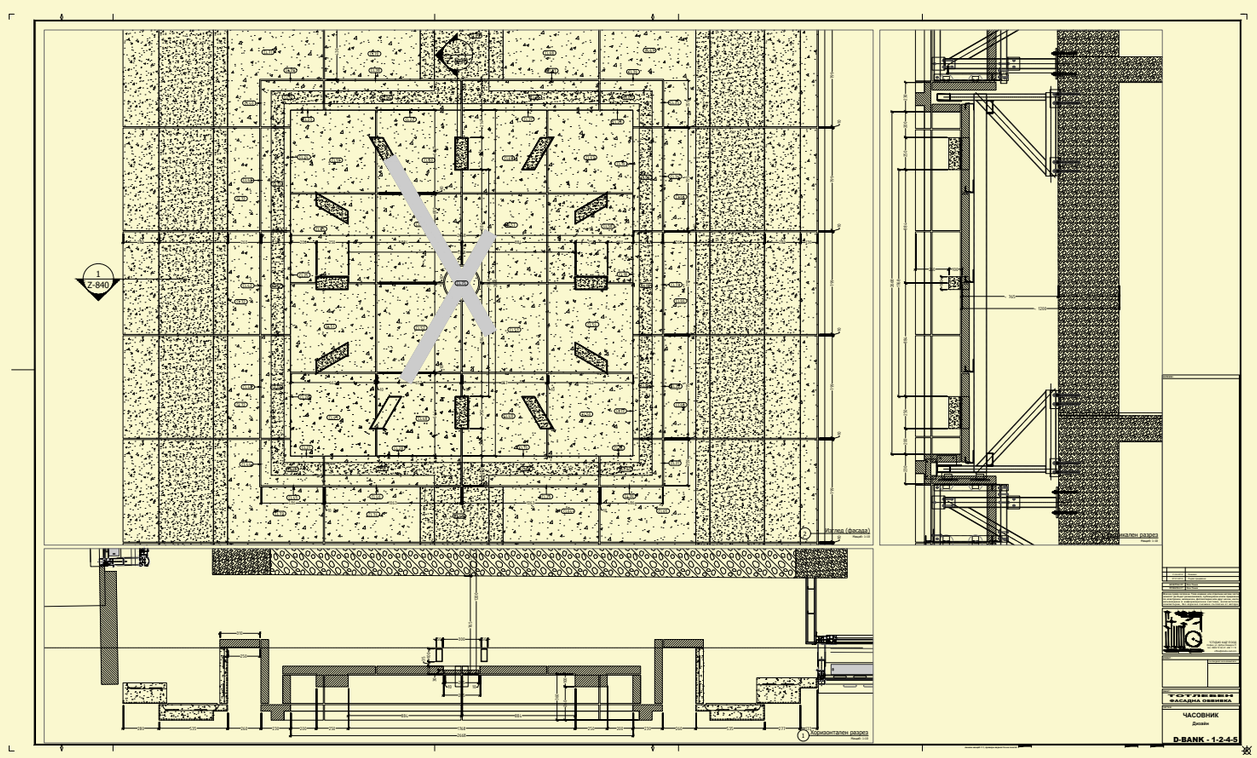
VAMOS

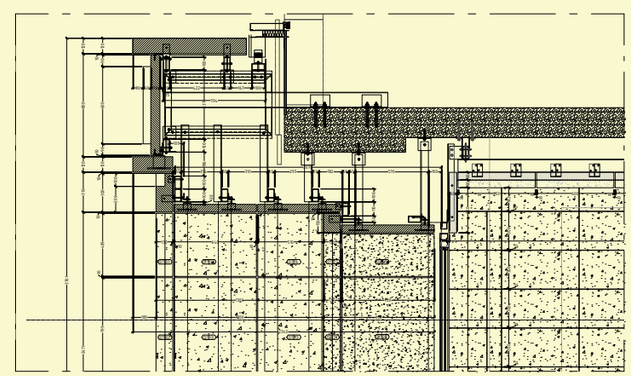


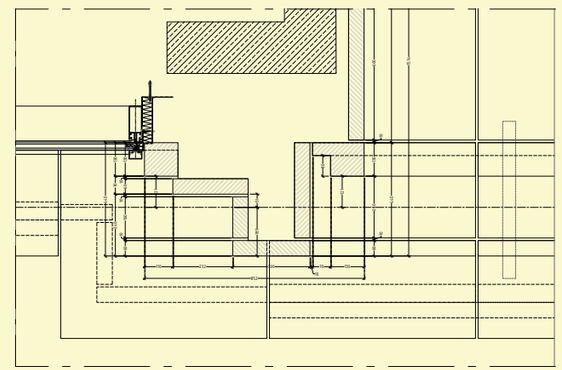




Location:	Sofia, Bulgaria
Date of completion:	2012
Area:	3 285 m^2
Shop Drawings:	XX pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	PRECIZ AL (Curtain walls & Canopy), BULMARMA (Stone cladding)

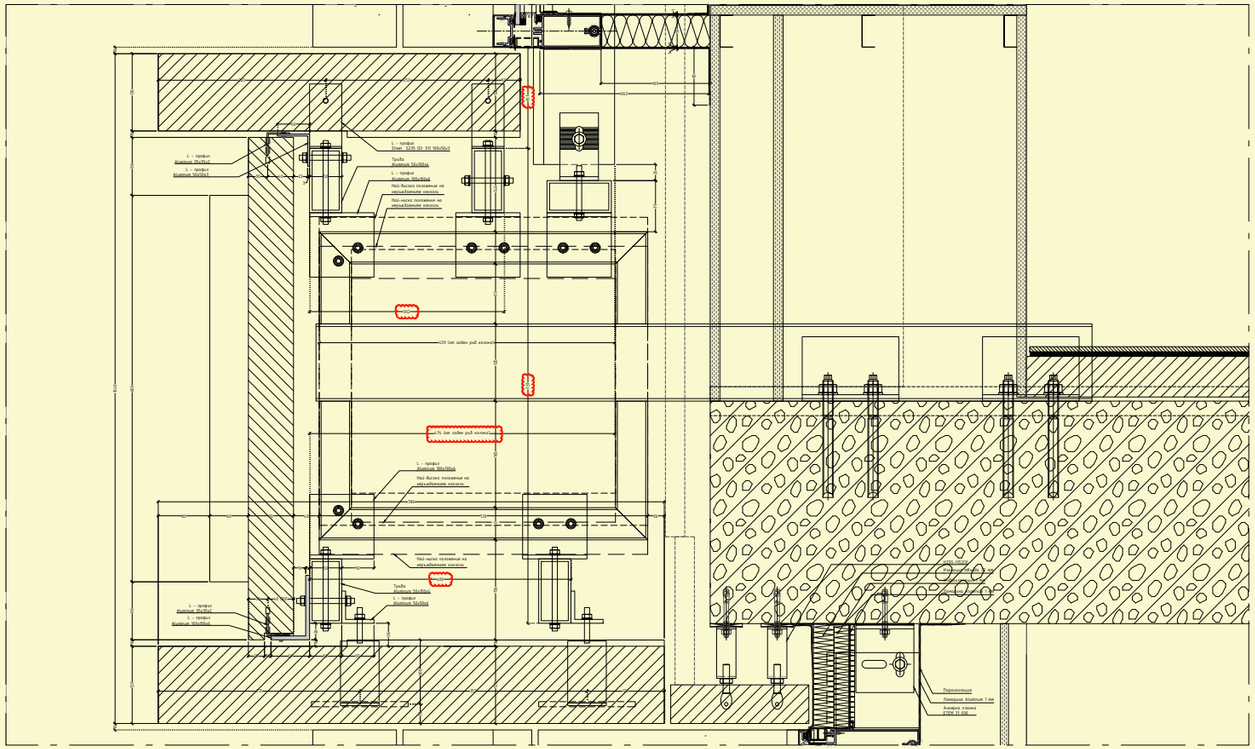




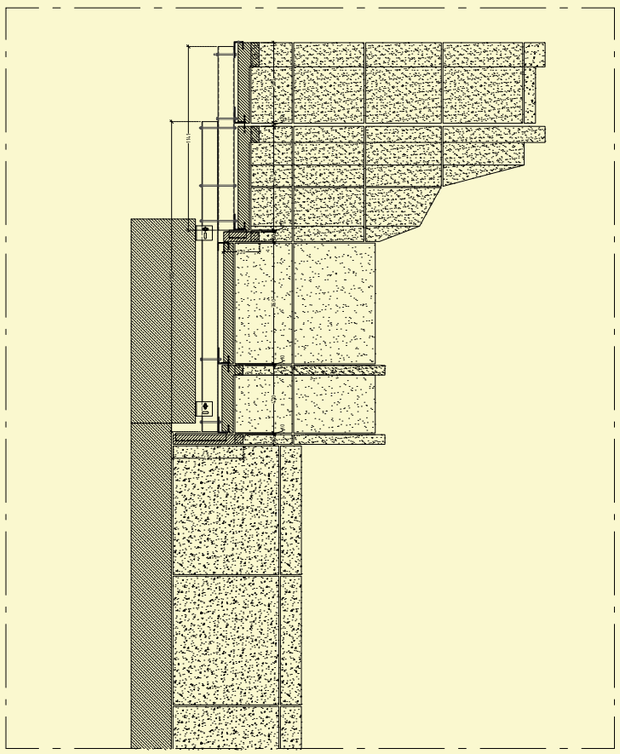


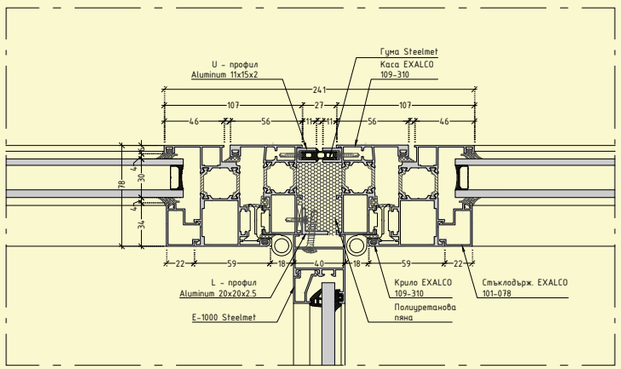
Scope of Services:

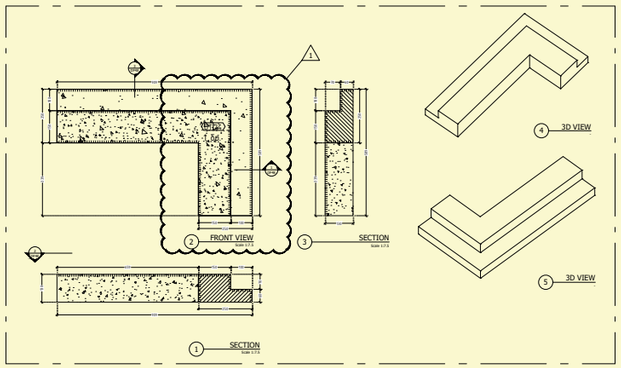
Shop drawings & Wprkshop drawings for:
Double skin Curtain wall (ETEM)
Louver system (Koester)
Stone wall cladding (limestone)








U - профил
Aluminum 11x15x2
Гума Steelmet
Каса EXALCO
109-310
241
107
27
107
46
56
11
41
56
46
22
59
18
40
18
59
22
L - профил
Aluminum 20x20x2.5
E-1000 Steelmet
Крило EXALCO
109-310
Полиуретанова
пяна
Стъклодърж. EXALCO
101-078


FRONT VIEW
SECTION
SECTION
3D VIEW
3D VIEW







TECHNICAL CATALOG E85
Curtain wall system

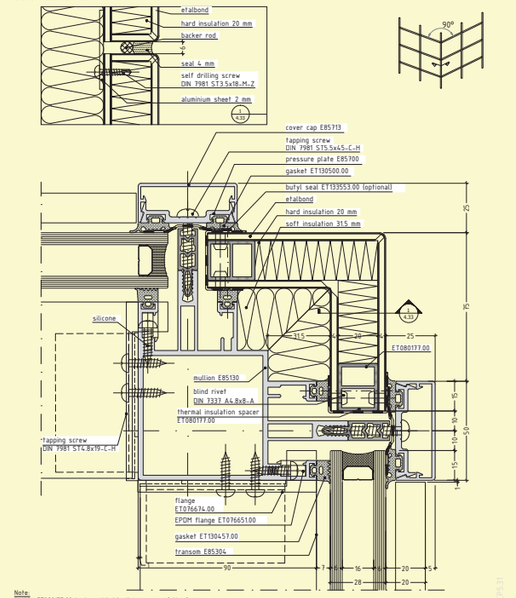


Date of completion: 2009
Shop Drawings: 242 pcs @ A4 & 79 pcs @ A3
Cut Sheets: XX pcs
Contractor: ETEM

mullions, inserts, connectors and flush transoms 2nd and 3rd level

code	insert	roof connector	2nd level flush transom	2nd level flush transom + suppl. profile	3rd level flush transom	3rd level flush transom + suppl. profile
E85100	-	E85960	E85302	-	E85352	-
E85101	E85951	E85960	E85303	E85300+E85600	E85353	E85380+E85600
E85102	E85952	E85960	E85304	E85300+E85601	E85354	E85380+E85601
E85103	E85953	E85960	E85305	E85300+E85602	E85355	E85380+E85602
E85104	E85954	E85960	E85306	E85300+E85603	E85356	E85380+E85603
E85105	E85955	E85960	E85307	-	E85357	-
E85106	E85956	E85969	-	-	E85358	-
E85107	E85957	E85969	-	-	E85359	-
E85108	E85958	E85969	-	-	E85359	-
E85109	E85959	E85969	-	-	E85369	-

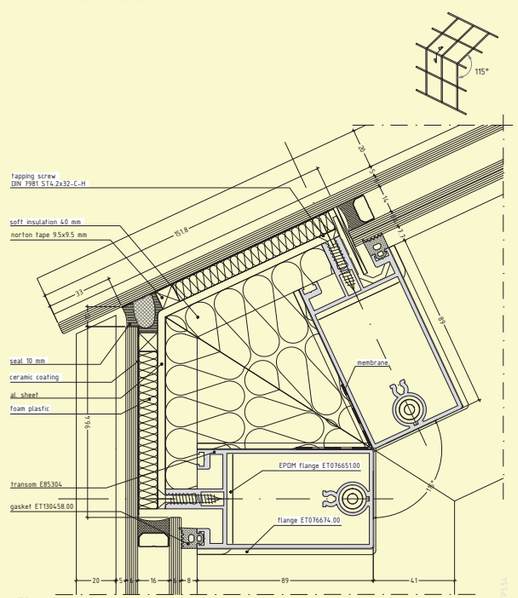
outer corner 90°



Note:
1. shim ET080177.00 to be welded in the corners of the frame.
2. The edge of the panel to be sealed with weather stripe.

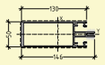
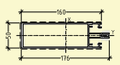
scale 3/4

conservatories vertical section

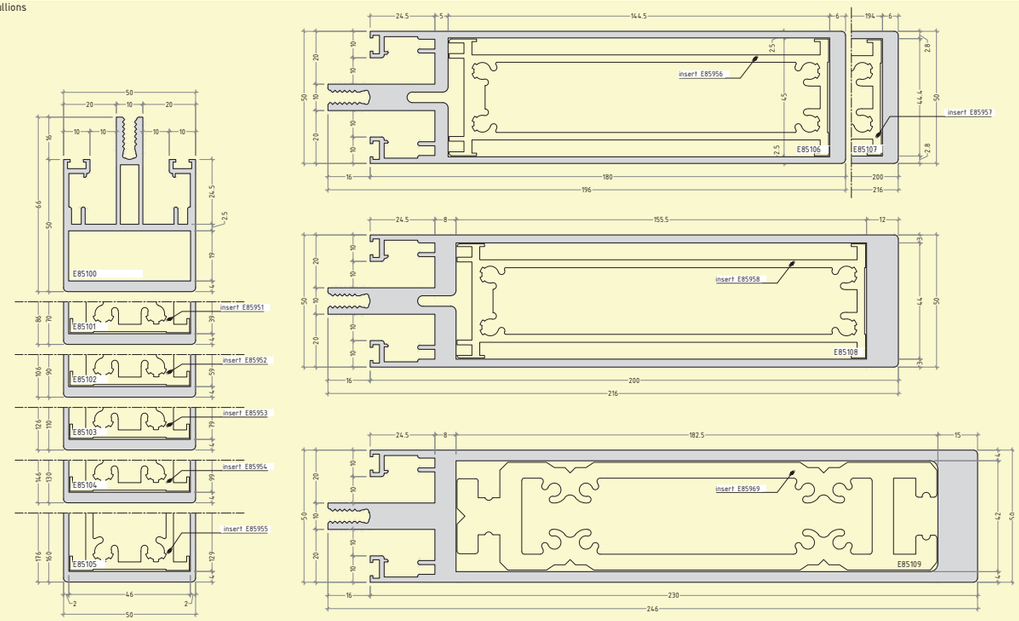


Note:
The glass thickness should be checked by the facade engineer.

scale 3/4

code description	profile	length weight ext.perimeter vis.perimeter	static values
E85100 mullion		6,6 m 2006 g/m 448 mm 149 mm	Ix= 27,70 cm⁴ Iy= 19,39 cm⁴ Wx= 6,96 cm³ Wy= 7,75 cm³ ex= 2,50 cm ey= 3,98 cm ix= 1,93 cm iy= 1,62 cm
E85101 mullion		6,6 m 2211 g/m 488 mm 189 mm	Ix= 58,04 cm⁴ Iy= 23,79 cm⁴ Wx= 12,19 cm³ Wy= 9,51 cm³ ex= 2,50 cm ey= 4,76 cm ix= 2,66 cm iy= 1,70 cm
E85102 mullion		6,6 m 2417 g/m 528 mm 229 mm	Ix= 104,15 cm⁴ Iy= 28,19 cm⁴ Wx= 18,65 cm³ Wy= 11,27 cm³ ex= 2,50 cm ey= 5,58 cm ix= 3,41 cm iy= 1,78 cm
E85103 mullion		6,6 m 2665 g/m 568 mm 269 mm	Ix= 169,00 cm⁴ Iy= 33,43 cm⁴ Wx= 26,15 cm³ Wy= 13,37 cm³ ex= 2,50 cm ey= 6,46 cm ix= 4,14 cm iy= 1,84 cm
E85104 mullion		6,6 m 2881 g/m 608 mm 309 mm	Ix= 252,55 cm⁴ Iy= 38,03 cm⁴ Wx= 34,40 cm³ Wy= 15,21 cm³ ex= 2,50 cm ey= 7,34 cm ix= 4,87 cm iy= 1,89 cm
E85105 mullion		6,6 m 3205 g/m 668 mm 369 mm	Ix= 417,97 cm⁴ Iy= 44,95 cm⁴ Wx= 46,90 cm³ Wy= 17,98 cm³ ex= 2,50 cm ey= 8,91 cm ix= 5,93 cm iy= 1,95 cm

mullions



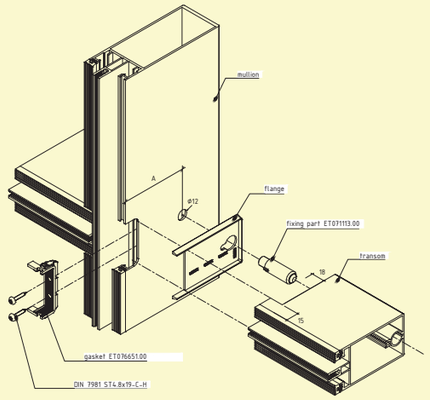
scale 1:1

Scope of Services:

Design drawings and consultancy services for curtain wall system.

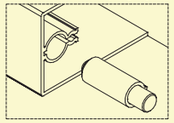
curtain wall system E85

machinings of transom 2nd level drainage with spring t-joint and flange



transom	flange	A mm
E85301	ET076671.00	--
E85302	ET076672.00	--
E85303	ET076673.00	--
E85304	ET076674.00	78.5
E85305	ET076675.00	98.5
E85306	ET076676.00	118.5
E85307	ET076677.00	148.5

additional machining of transom for the spring t-joint

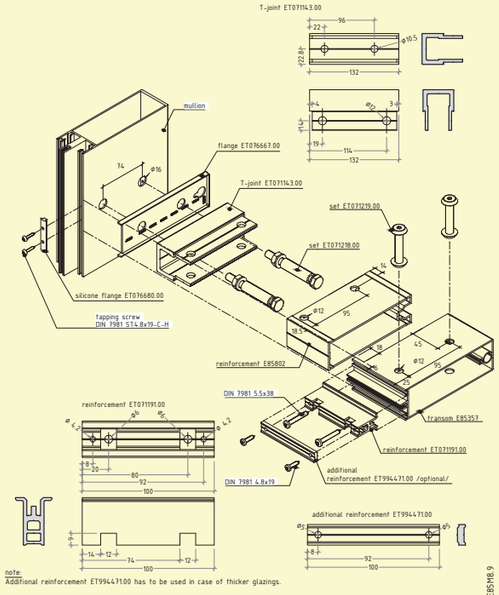


E85MB.2

not to scale

curtain wall system E85

machinings of transom 3rd level drainage with reinforcement



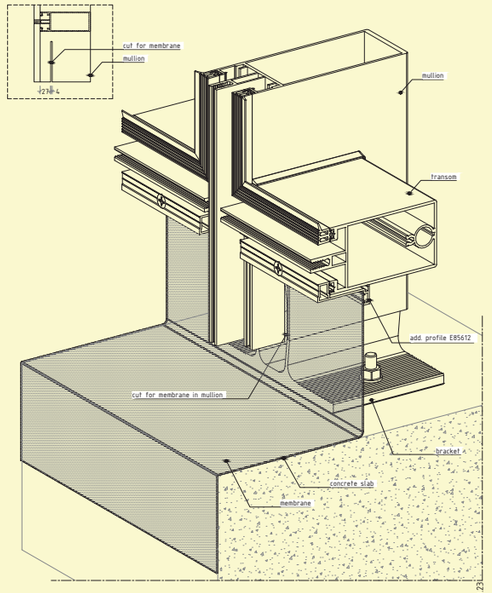
note:
Additional reinforcement ET994471.00 has to be used in case of thicker glazings.

E85MB.9

not to scale

curtain wall system E85

bottom finishing

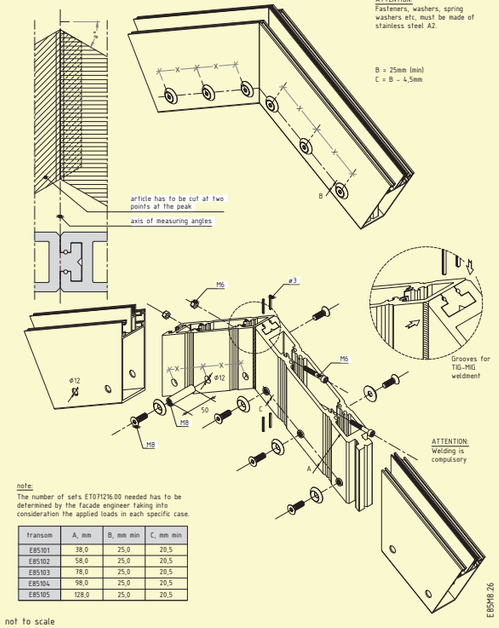


E85MB.23

not to scale

curtain wall system E85

roof connection of two mullions using E85960



note:
The number of sets ET071216.00 needed has to be determined by the facade engineer taking into consideration the applied loads in each specific case.

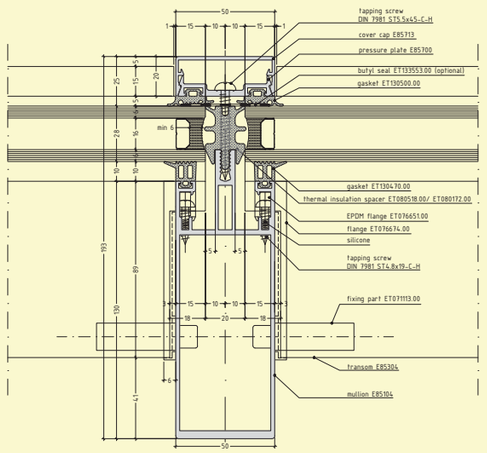
transom	A, mm	B, mm min	C, mm min
E85101	38,0	25,0	20,5
E85102	58,0	25,0	20,5
E85103	78,0	25,0	20,5
E85104	98,0	25,0	20,5
E85105	128,0	25,0	20,5

E85MB.26

not to scale

curtain wall system E85

mullion with 2nd level transom

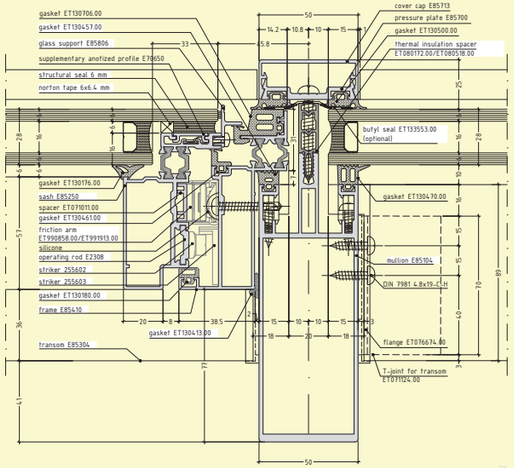


E85EP.14

scale 3/4

curtain wall system E85

projected thermo-break window



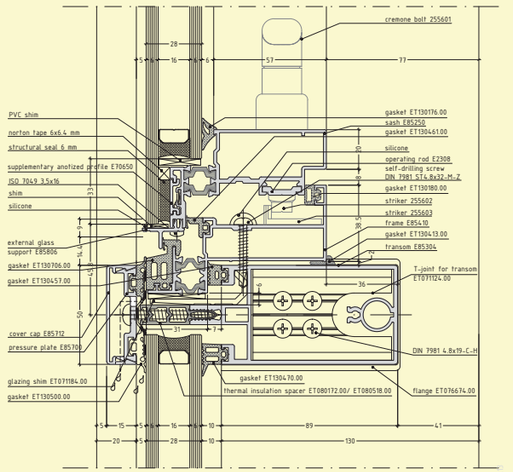
Note:
sash E85250 for projected window with insert E70650 can be replaced with sash E85210

E85EP.12

scale 3/4

curtain wall system E85

projected thermo-break window with 2nd level transom

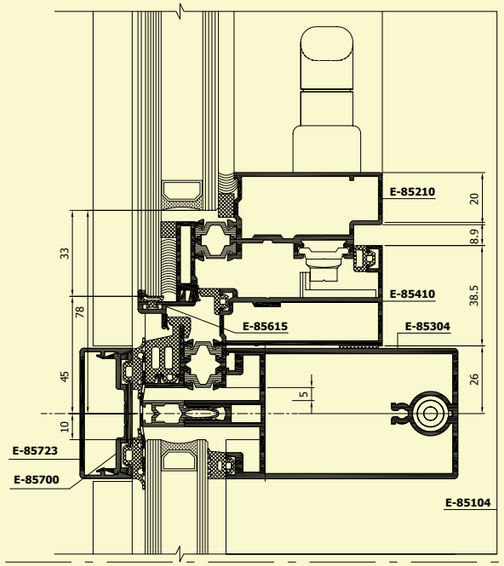


E85EP.13

scale 3/4

CP 85 - 14 E-85
РАЗРЕЗИ / SECTIONS

СТРУКТУРНА КЛАПА С ПРЕКЪСНАТ ТЕРМОМОСТ
КАСА - E-85410, КРИЛО - E-85210



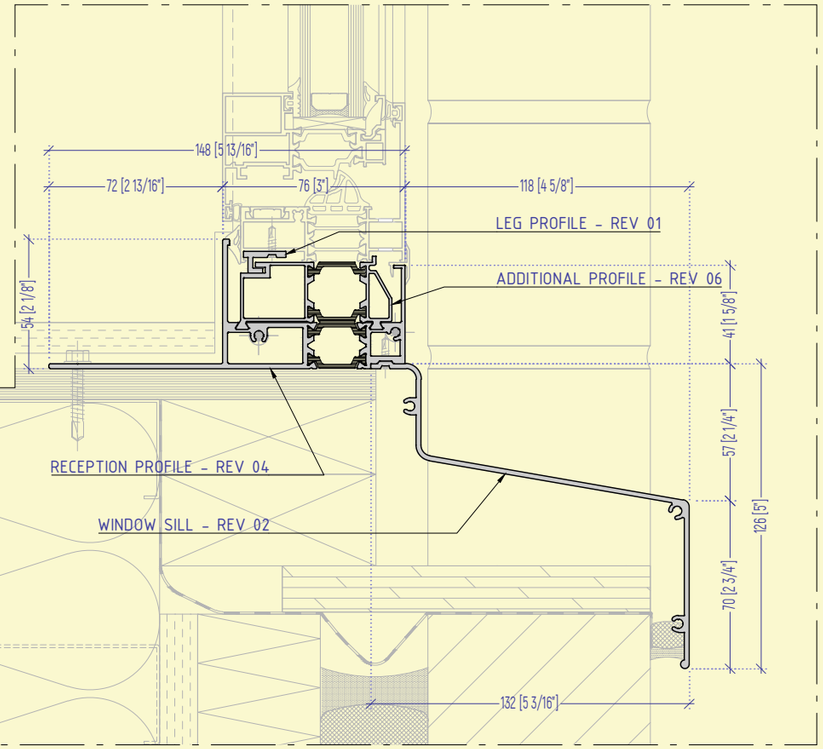
CATALOG BEFORE OUR DESIGN

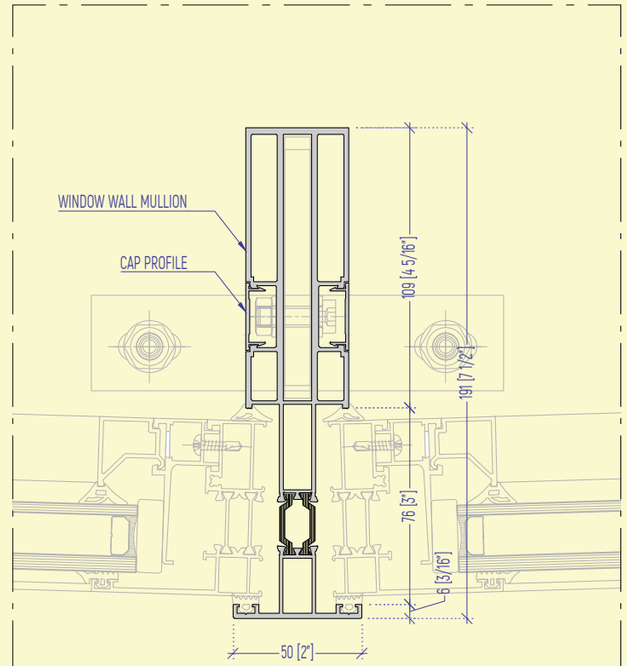
DISE DESIGN

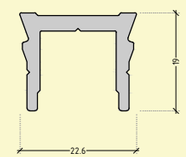
ARCHITECT

Date of completion: 2009
Shop Drawings: 242 pcs @ A4 & 79 pcs @ A3
Cut Sheets: XX pcs
Contractor: ETEM



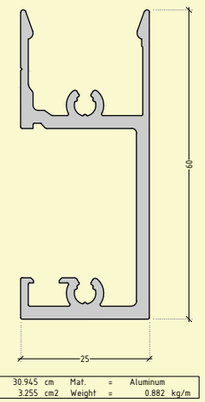






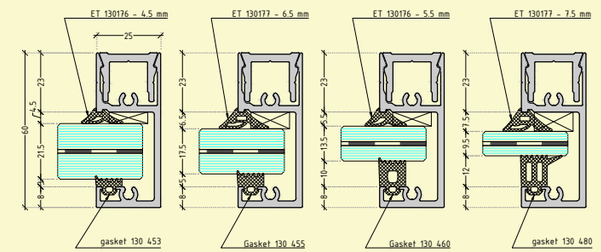
Perim.	=	11.329 cm	Mat.	=	Aluminum
Area	=	1.447 cm2	Weight	=	0.392 kg/m

2/001 МОНТАЖЕН ПРОФИЛ
Scale: 2:1

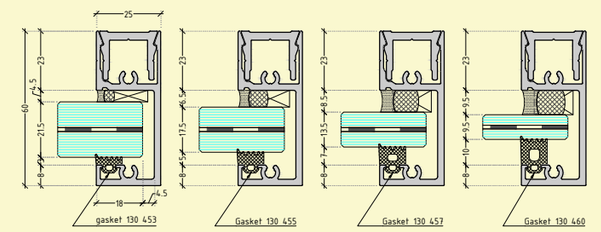


Perim.	=	30.945 cm	Mat.	=	Aluminum
Area	=	3.255 cm2	Weight	=	0.882 kg/m

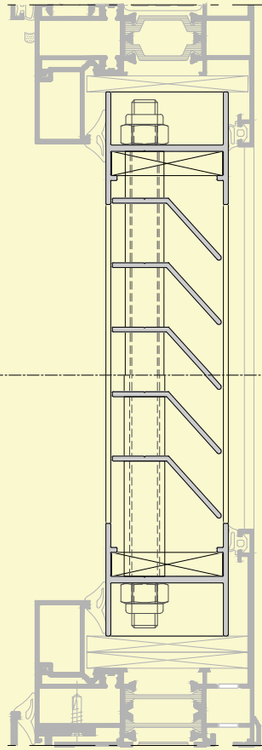
1/001 ОСНОВЕН ПРОФИЛ
Scale: 2:1



4/001 ВАРИАНТИ ЗА НАБИВНА ГУМА
Scale: 1:1

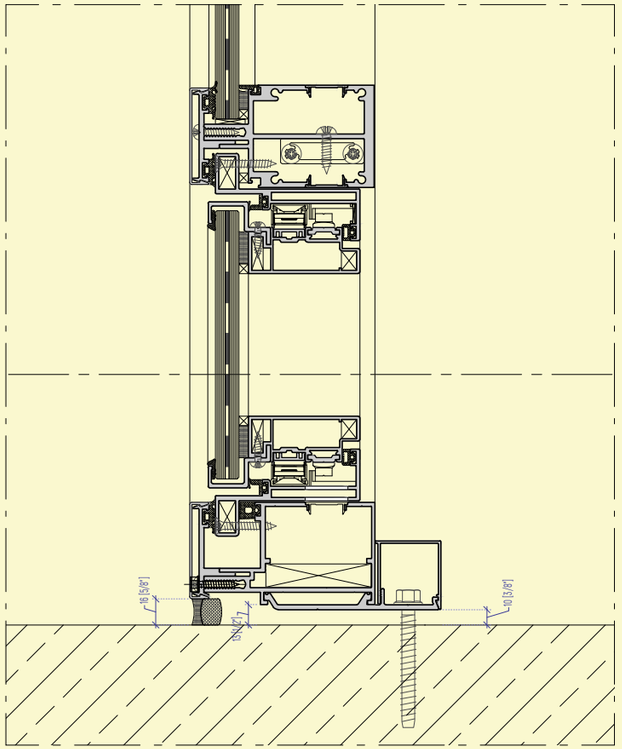


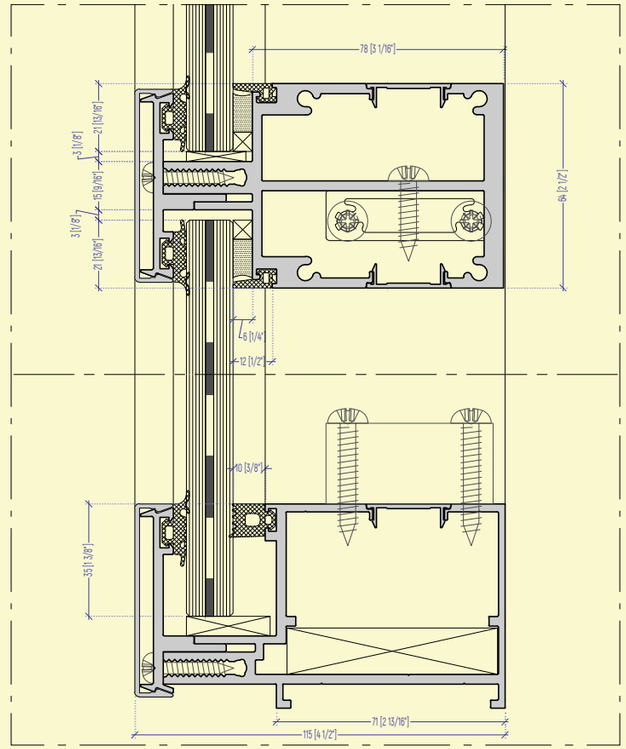
3/001 ВАРИАНТИ ЗА СИЛИКОНИРАНЕ
Scale: 1:1

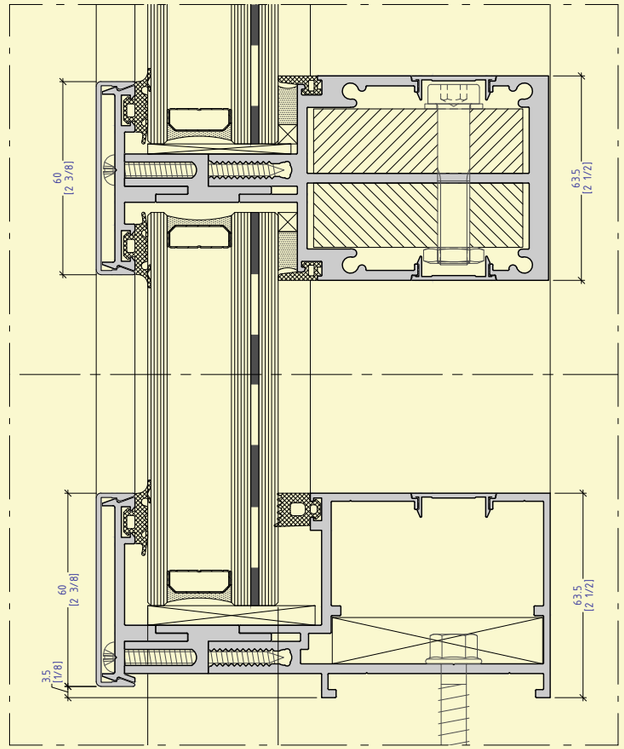


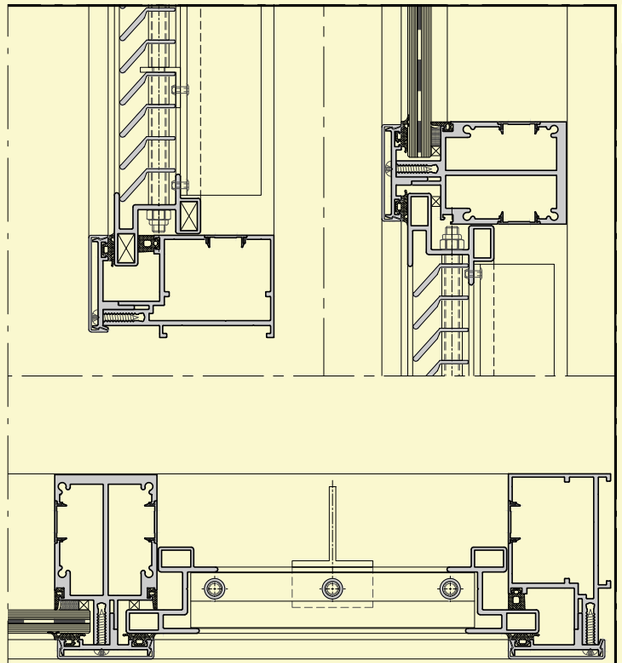
Scope of Services:

Design drawings and consultancy services for curtain wall system.



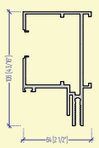






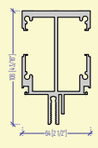
1. FRAME

Ix	=	68.238	cm4	Iy	=	37.868	cm4
Wx	=	18.307	cm3	Wy	=	9.984	cm3
Area	=	8.983	cm2	Weight	=	2.431	kg/m



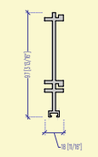
2. MULLION

Ix	=	156.500	cm4	Iy	=	50.828	cm4
Wx	=	25.776	cm3	Wy	=	15.995	cm3
Area	=	10.788	cm2	Weight	=	3.737	kg/m



3. SPLIT PROFILE

Ix	=	40.405	cm4	Iy	=	0.560	cm4
Wx	=	8.205	cm3	Wy	=	0.613	cm3
Area	=	4.820	cm2	Weight	=	1.252	kg/m



4. PRESURE PLATE MULLION

Ix	=	11.376	cm4	Iy	=	5.989	cm4
Wx	=	0.399	cm3	Wy	=	1.982	cm3
Area	=	2.822	cm2	Weight	=	0.715	kg/m



5. PRESURE PLATE FRAME

Ix	=	0.720	cm4	Iy	=	6.882	cm4
Wx	=	0.398	cm3	Wy	=	2.170	cm3
Area	=	2.810	cm2	Weight	=	0.707	kg/m



6. FRAME LOUVERS

Ix	=	8.707	cm4	Iy	=	16.940	cm4
Wx	=	3.052	cm3	Wy	=	5.806	cm3
Area	=	5.167	cm2	Weight	=	1.409	kg/m



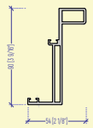
7. LOUVERS

Ix	=	0.438	cm4	Iy	=	0.935	cm4
Wx	=	0.349	cm3	Wy	=	0.449	cm3
Area	=	1.086	cm2	Weight	=	0.294	kg/m



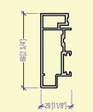
8. FRAME VENT

Ix	=	57.108	cm4	Iy	=	8.408	cm4
Wx	=	11.891	cm3	Wy	=	2.196	cm3
Area	=	5.445	cm2	Weight	=	1.475	kg/m



9. SASH VENT

Ix	=	22.108	cm4	Iy	=	4.104	cm4
Wx	=	5.633	cm3	Wy	=	2.621	cm3
Area	=	4.488	cm2	Weight	=	1.216	kg/m



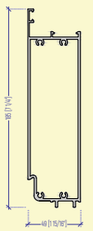
10. ADDITIONAL PROFILE VENT

Ix	=	2.742	cm4	Iy	=	1.130	cm4
Wx	=	1.357	cm3	Wy	=	0.874	cm3
Area	=	1.831	cm2	Weight	=	0.496	kg/m



11. KICK PLATE

Ix	=	355.038	cm4	Iy	=	44.758	cm4
Wx	=	36.250	cm3	Wy	=	17.881	cm3
Area	=	10.560	cm2	Weight	=	2.862	kg/m



12. GLAZING BID

Ix	=	1.300	cm4	Iy	=	0.778	cm4
Wx	=	0.892	cm3	Wy	=	0.605	cm3
Area	=	2.042	cm2	Weight	=	0.555	kg/m



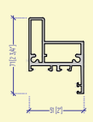
13. CAP FOR GLAZING BID

Ix	=	0.402	cm4	Iy	=	0.101	cm4
Wx	=	0.204	cm3	Wy	=	0.110	cm3
Area	=	0.484	cm2	Weight	=	0.134	kg/m



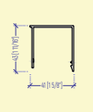
14. FRAME DOOR

Ix	=	15.453	cm4	Iy	=	20.749	cm4
Wx	=	4.273	cm3	Wy	=	7.982	cm3
Area	=	6.225	cm2	Weight	=	1.686	kg/m



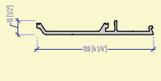
15. BEAUTY CAP FOR STRAP ANCHOR

Ix	=	3.419	cm4	Iy	=	5.124	cm4
Wx	=	1.221	cm3	Wy	=	2.349	cm3
Area	=	1.832	cm2	Weight	=	0.497	kg/m



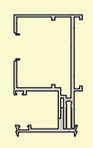
16. STRAP ANCHOR

Ix	=	0.217	cm4	Iy	=	38.321	cm4
Wx	=	0.271	cm3	Wy	=	7.052	cm3
Area	=	4.052	cm2	Weight	=	1.098	kg/m



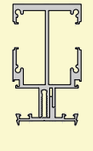
COMBINATION PROFILES

Ix	=	151.763	cm4	Iy	=	44.485	cm4
cF	=	0.950					
Wx	=	23.581	cm3	Wy	=	12.158	cm3
Area	=	11.865	cm2	Weight	=	3.145	kg/m



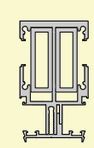
COMBINATION PROFILES

Ix	=	231.261	cm4	Iy	=	56.935	cm4
cF	=	0.950					
Wx	=	59.737	cm3	Wy	=	17.867	cm3
Area	=	16.421	cm2	Weight	=	4.450	kg/m



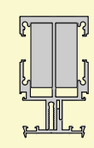
COMBINATION PROFILES

Ix	=	206.448	cm4	Iy	=	77.932	cm4
cF	=	0.950					
Wx	=	45.120	cm3	Wy	=	24.487	cm3
Area	=	27.941	cm2	Weight	=	7.372	kg/m



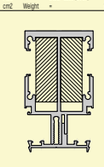
COMBINATION PROFILES

Ix	=	333.943	cm4	Iy	=	95.113	cm4
cF	=	0.950					
Wx	=	68.395	cm3	Wy	=	29.907	cm3
Area	=	40.421	cm2	Weight	=	10.954	kg/m



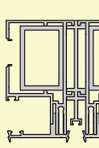
COMBINATION PROFILES

Ix	=	72.000	cm4	Iy	=	38.153	cm4
cF	=	0.950					
Wx	=	24.000	cm3	Wy	=	17.746	cm3
			Mat.	=	Steel S235 [St 37]		
Area	=	24.000	cm2	Weight	=	18.864	kg/m



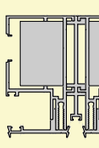
COMBINATION PROFILES

Ix	=	481.115	cm4	Iy	=	446.247	cm4
cF	=	0.950					
Wx	=	80.316	cm3	Wy	=	68.616	cm3
Area	=	42.541	cm2	Weight	=	11.530	kg/m



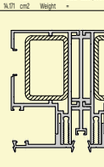
COMBINATION PROFILES

Ix	=	616.740	cm4	Iy	=	798.384	cm4
cF	=	0.950					
Wx	=	90.231	cm3	Wy	=	122.765	cm3
Area	=	75.827	cm2	Weight	=	20.548	kg/m



COMBINATION PROFILES

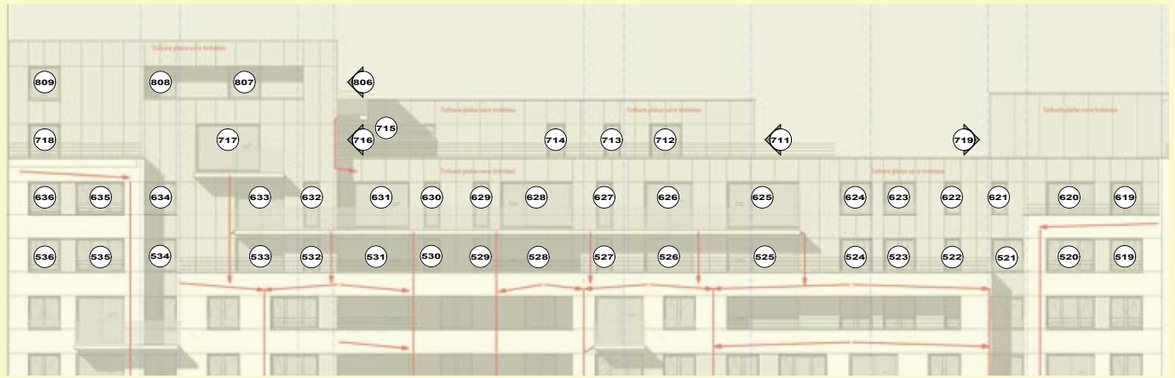
Ix	=	844.370	cm4	Iy	=	1714.159	cm4
cF	=	0.950					
Wx	=	21.458	cm3	Wy	=	32.970	cm3
			Mat.	=	Steel S235 [St 37]		
Area	=	74.171	cm2	Weight	=	11.318	kg/m



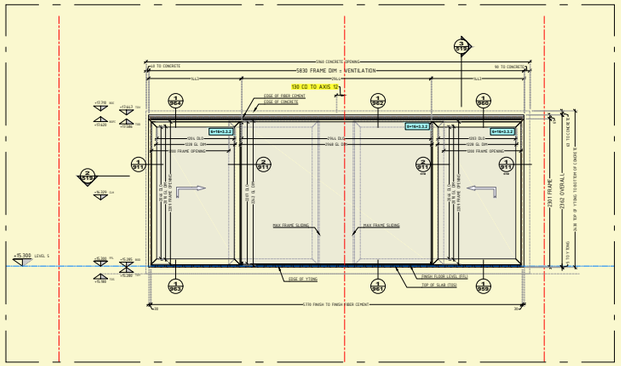
STUDEOPOLIS

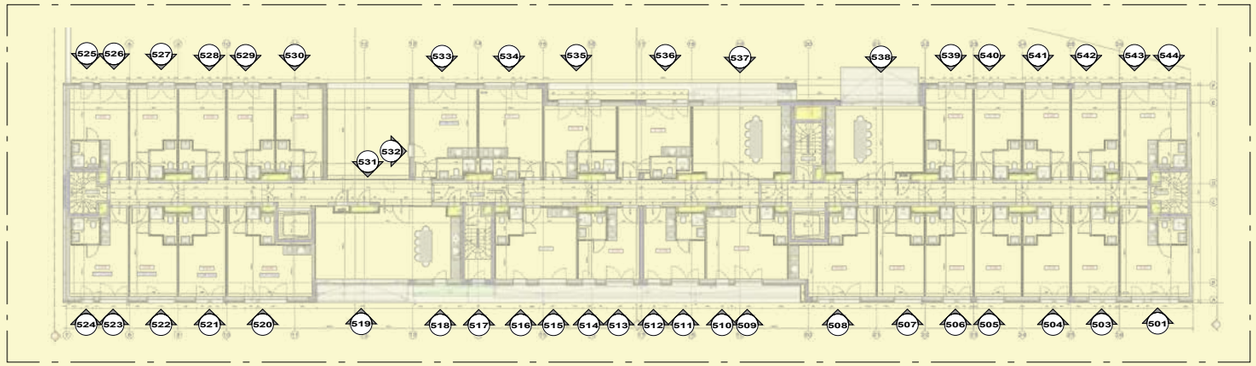
ATELIER 224

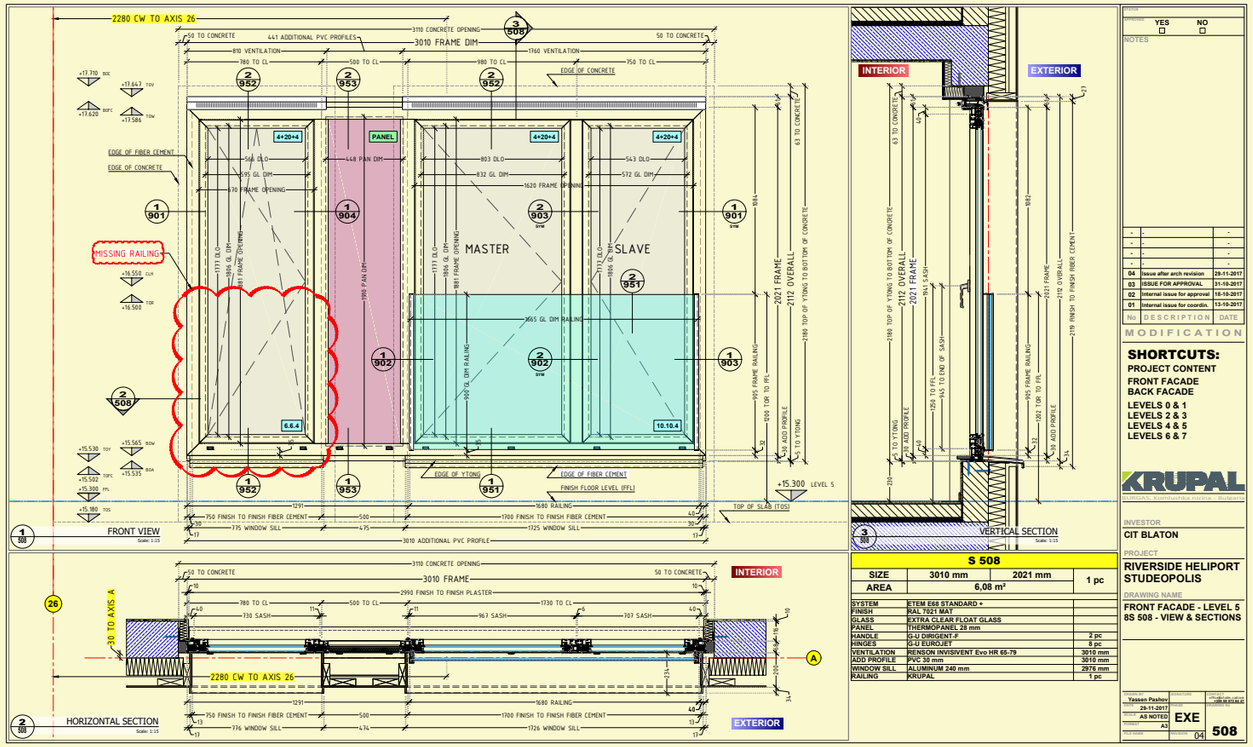




Location:	Brussels, Belgium
Date of completion:	2018
Area:	791 m^2
Shop Drawings:	333 pcs @ A3
Cut Sheets:	XX pcs
Contractor:	Krupal







S 508			
SIZE	3010 mm	2021 mm	1 pc
AREA	6,08 m²		

SYSTEM	ETEM E68 STANDARD +	
FINISH	RAL 7021 MAT	
GLASS	EXTRA CLEAR FLOAT GLASS	
PANEL	THERMOPANEL 28 mm	
HANDLE	G-U DIRIGENT-F	2 pc
HINGES	G-U EUROJET	8 pc
VENTILATION	RENSON INVISIVENT Evo HR 65-79	3010 mm
ADD PROFILE	PVC 30 mm	3010 mm
WINDOW SILL	ALUMINUM 240 mm	2976 mm
RAILING	KRUPAL	1 pc

-	-	-
-	-	-
-	-	-
-	-	-
04	Issue after arch revision	29-11-2017
03	ISSUE FOR APPROVAL	31-10-2017
02	Internal issue for approval	15-10-2017
01	Internal issue for coordin.	13-10-2017
No	DESCRIPTION	DATE

MODIFICATION

SHORTCUTS:
PROJECT CONTENT
FRONT FACADE
BACK FACADE
LEVELS 0 & 1
LEVELS 2 & 3
LEVELS 4 & 5
LEVELS 6 & 7

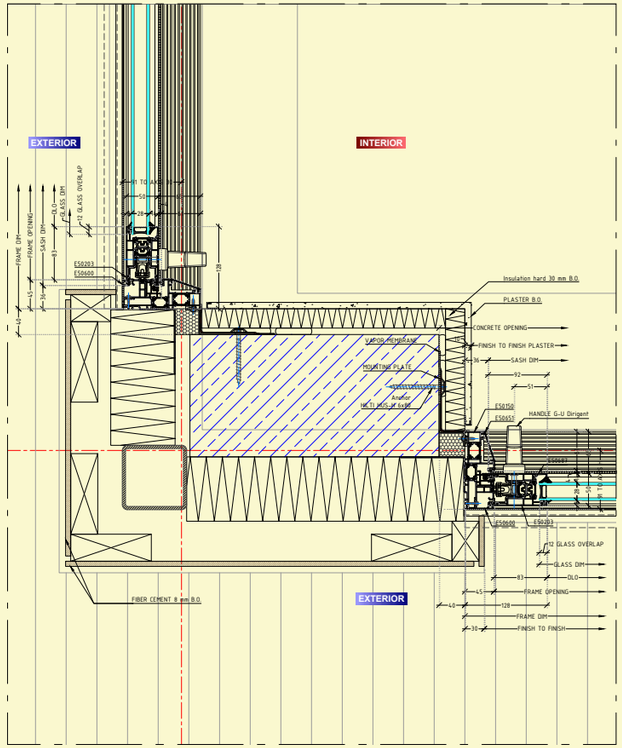
KRUPAL

INVESTOR
CIT BLATON

PROJECT
RIVERSIDE HELIPORT STUDEOPOLIS

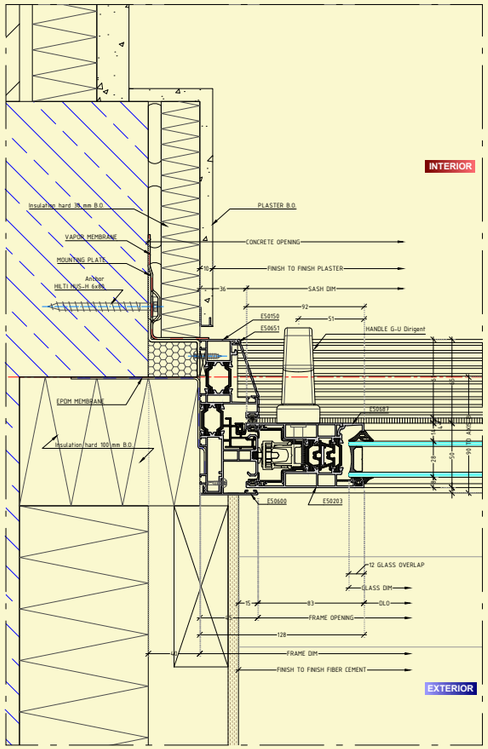
DRAWING NAME
FRONT FACADE - LEVEL 5
8S 508 - VIEW & SECTIONS

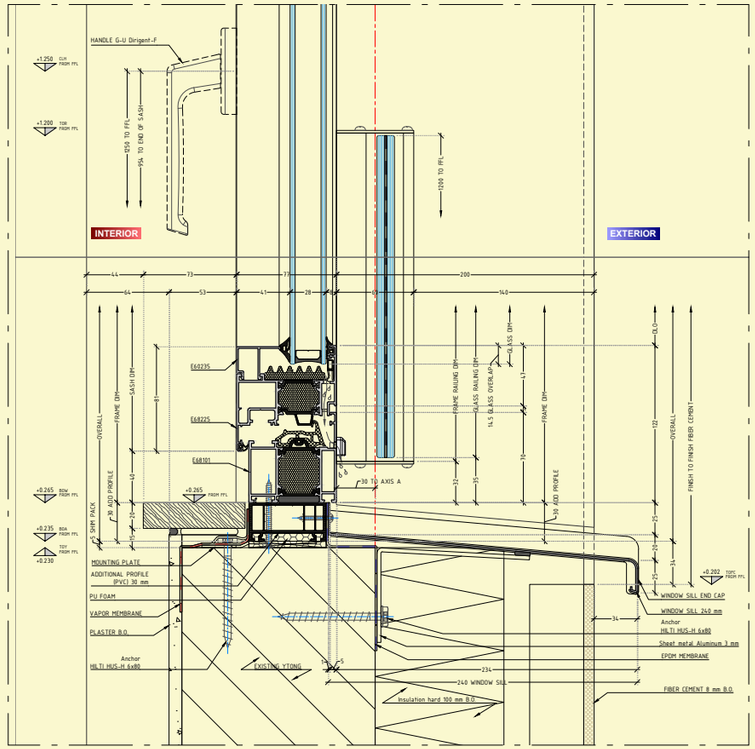
Yassen Peshov | 29-11-2017 | AS NOTED | A3 | EXE | 04 | 508



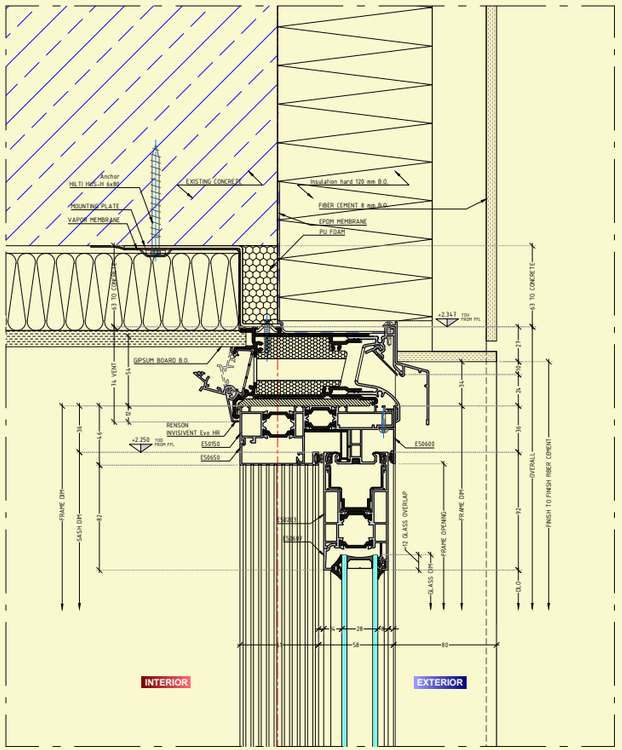
Scope of Services:

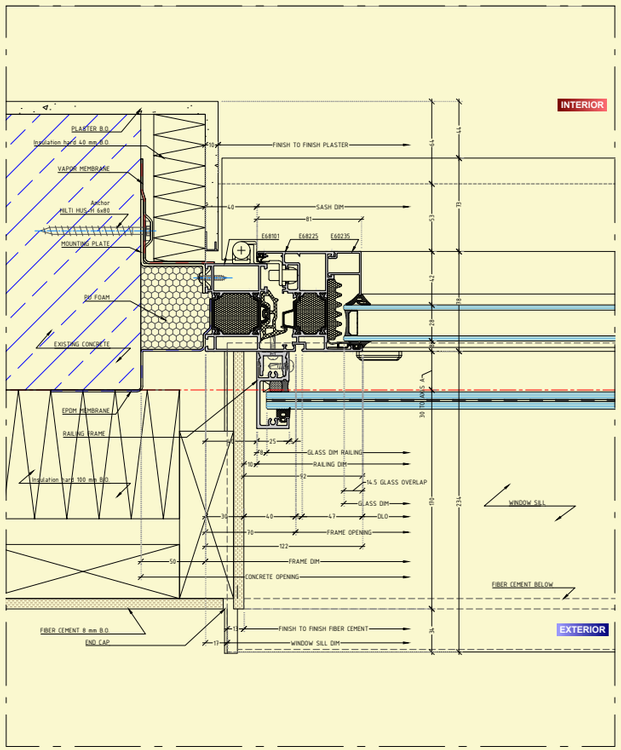
Shop drawings for:
Windows & Doors


INTERIOR
EXTERIOR
Insulation hard 35 mm B.O
VAPOR MEMBRANE
MOUNTING PLATE
Anchor
HILTI HUS-H 6x80
PLASTER B.O
CONCRETE OPENING
FINISH TO FINISH PLASTER
SASH DIM
E50950
E50651
HANDLE G-U Dirigent
EPDM MEMBRANE
E50687
Insulation hard 100 mm B.O
E50600
E50203
12 GLASS OVERLAP
GLASS DIM
FRAME OPENING
OLO
FRAME DIM
FINISH TO FINISH FIBER CEMENT


HANDLE G-U Dirigent-F
INTERIOR
EXTERIOR
E60235
E68225
E68101
30 TO AXIS A
MOUNTING PLATE
ADDITIONAL PROFILE
IPVC) 30 mm
PU FOAM
VAPOR MEMBRANE
PLASTER B.O
Anchor
HILTI HUS-H 6x80
EXISTING YTONG
240 WINDOW SILL
Insulation hard 100 mm B.O
FIBER CEMENT 8 mm B.O
WINDOW SILL END CAP
WINDOW SILL 240 mm
Anchor
HILTI HUS-H 6x80
Sheet metal Aluminum 3 mm
EPDM MEMBRANE




Anchor
HILTI HUS-H 6x80
MOUNTING PLATE
VAPOR MEMBRANE
EXISTING CONCRETE
Insulation hard 100 mm B.O
FIBER CEMENT 8 mm B.O
EPDM MEMBRANE
PU FOAM
GYPSUM BOARD B.O
RENSON
INVISIVENT Evo HR
E50950
E50650
E50600
E50687
12 GLASS OVERLAP
GLASS DIM
FRAME OPENING
FRAME DIM
SASH DIM
OVERALL
FINISH TO FINISH FIBER CEMENT
INTERIOR
EXTERIOR


INTERIOR
EXTERIOR
PLASTER B.O
Insulation hard 40 mm B.O
VAPOR MEMBRANE
Anchor
HILTI HUS-H 6x80
MOUNTING PLATE
PU FOAM
EXISTING CONCRETE
EPDM MEMBRANE
RAILING FRAME
Insulation hard 100 mm B.O
FINISH TO FINISH PLASTER
SASH DIM
E68101
E68225
E60235
GLASS DIM RAILING
RAILING DIM
14.5 GLASS OVERLAP
GLASS DIM
FRAME OPENING
FRAME DIM
CONCRETE OPENING
WINDOW SILL
FIBER CEMENT BELOW
FINISH TO FINISH FIBER CEMENT
WINDOW SILL DIM
FIBER CEMENT 8 mm B.O
END CAP





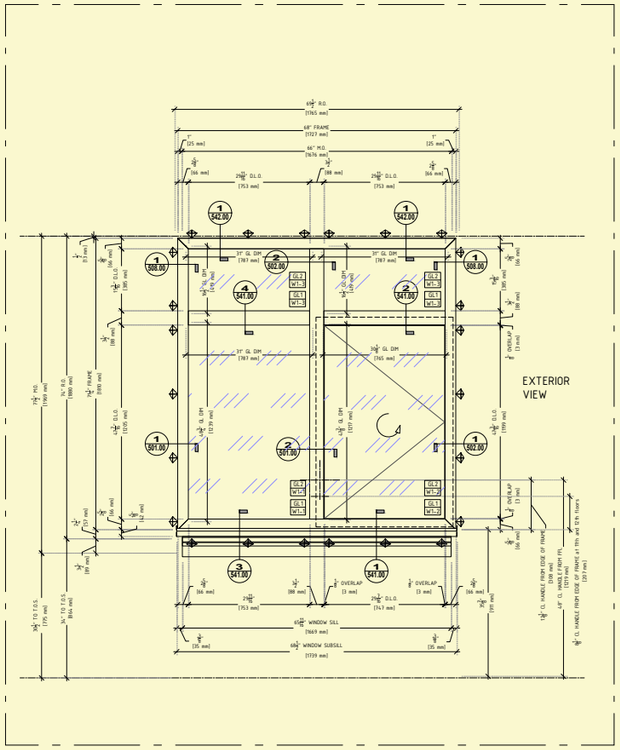


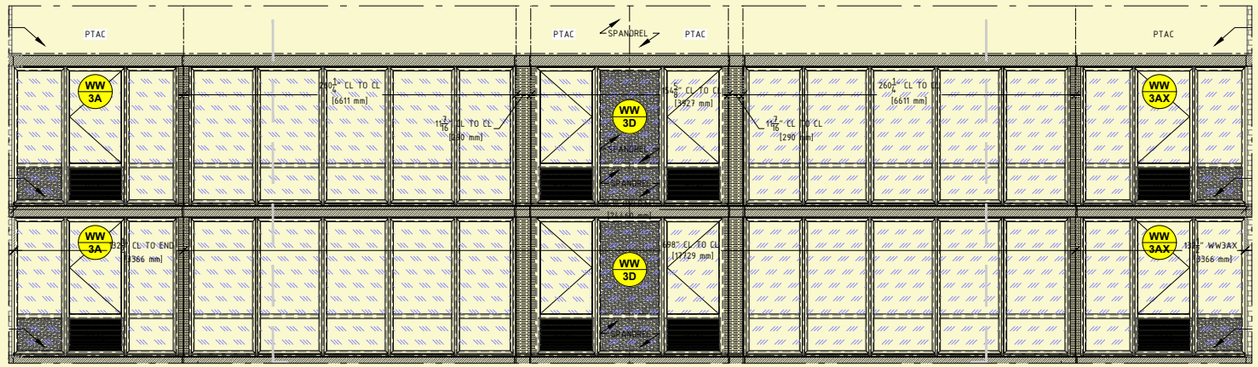


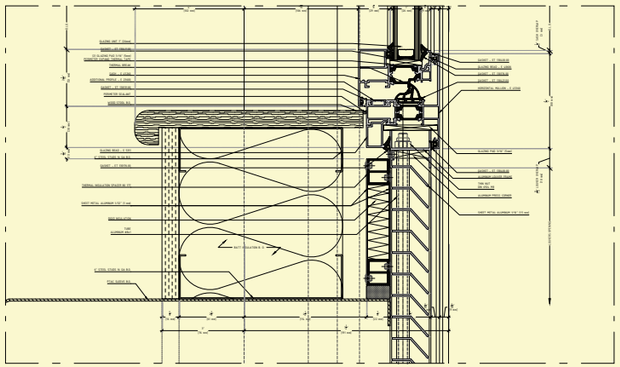
RIVER ROAD

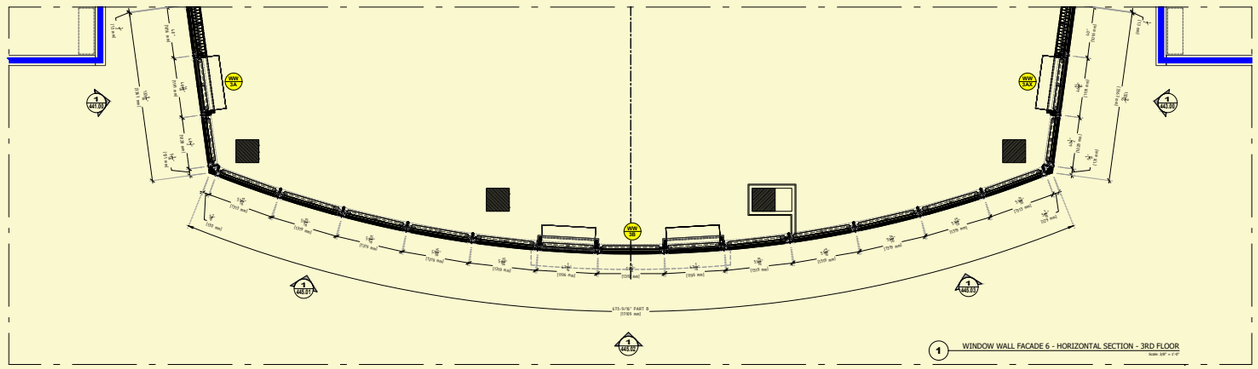
Vijay Kale Architects PC

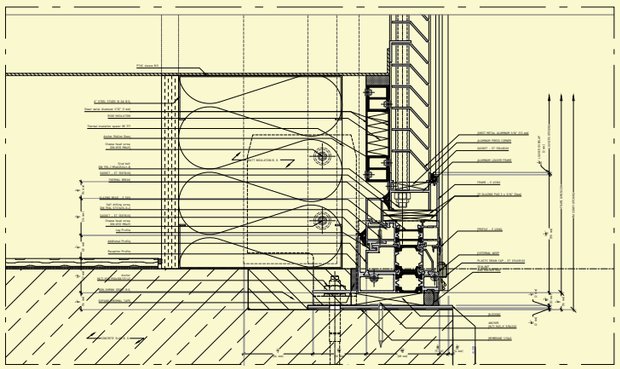












Location:	New Jersey, USA
Date of completion:	2016
Area:	6 724 m^2
Shop Drawings:	264 pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	European Window Systems (EWS)

Scope of Services:

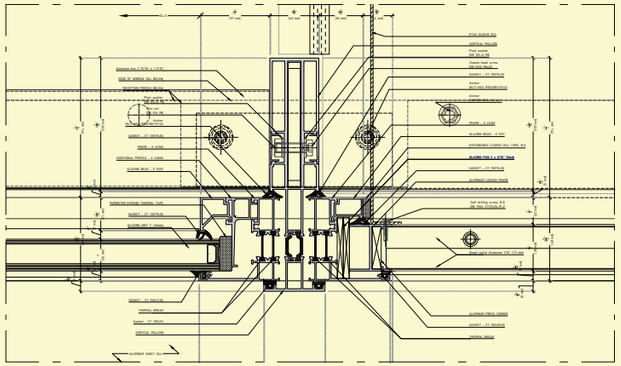
Shop drawings & Workshop drawings for:

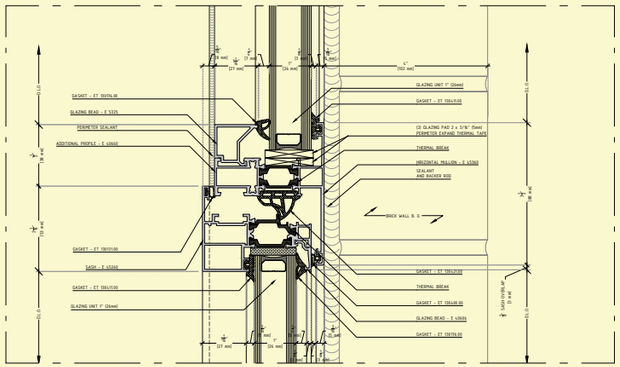
Windows

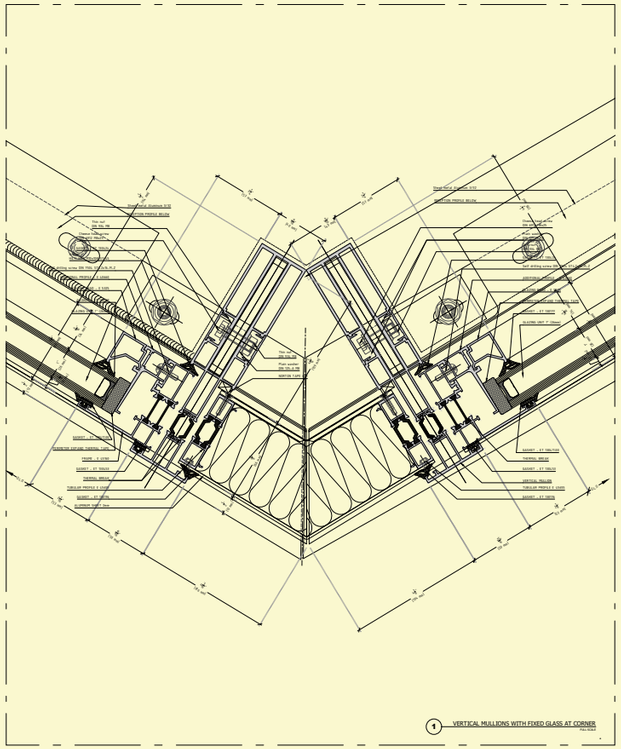
Doors

Window walls

Railings



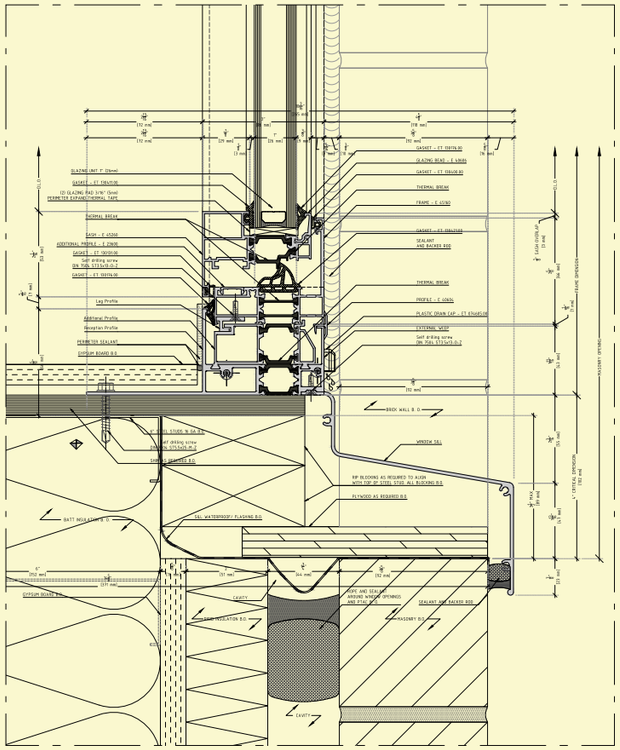

GASKET – ET 19197
GLAZING BEAD – E 5325
PERIMETER SEALANT
ADDITIONAL PROFILE – E 10560
GASKET – ET 19201/30
SASH – E 45250
GASKET – ET 19417/30
GLAZING UNIT 7" (5mm)
GLAZING UNIT 7" (5mm)
GASKET – ET 19201/30
12 GLAZING PAD 3 x 3/16" (5mm)
PERIMETER EXPANDED THERMAL TAPE
THERMAL BREAK
HORIZONTAL MULLION – E 41263
SEALANT
AND BACKER ROD
BRICK WALL B. O.
GASKET – ET 19417/30
THERMAL BREAK
GASKET – ET 19418/30
GLAZING BEAD – E 10935
GASKET – ET 19197/30

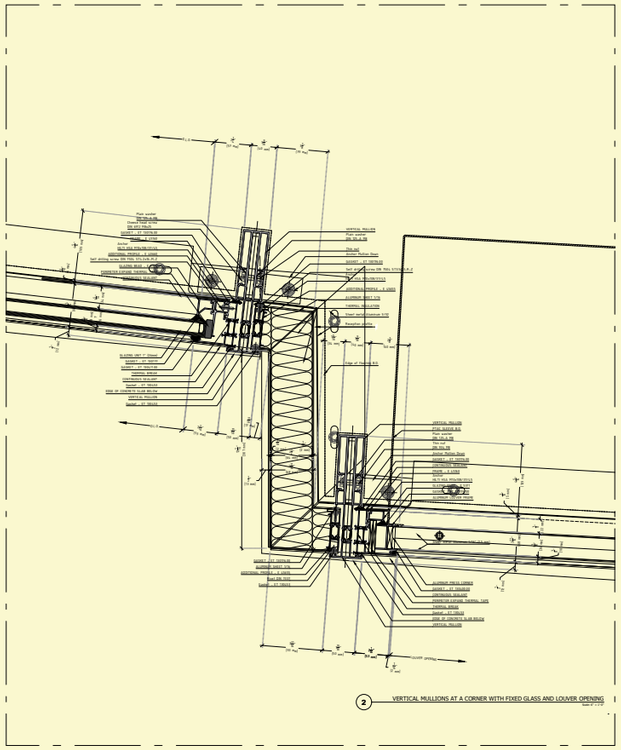

1 VERTICAL MULLIONS WITH FIXED GLASS AT CORNER








GLAZING UNIT 7" (5mm)
GASKET – ET 19197/30
12 GLAZING PAD 3/16" (5mm)
PERIMETER EXPANDED THERMAL TAPE
THERMAL BREAK
SASH – E 45250
ADDITIONAL PROFILE – E 23630
GASKET – ET 19201/30
GASKET – ET 19197/30
Leg Profile
Additional Profile
Hexagon Profile
PERIMETER SEALANT
GYPSUM BOARD 0.5
BRICK WALL B. O.
WINDOW SILL
BATT INSULATION 3.5"
GYPSUM BOARD 0.5
CAVITY
CAVITY


2 VERTICAL MULLIONS AT A CORNER WITH FIXED GLASS AND LOUVER OPENING





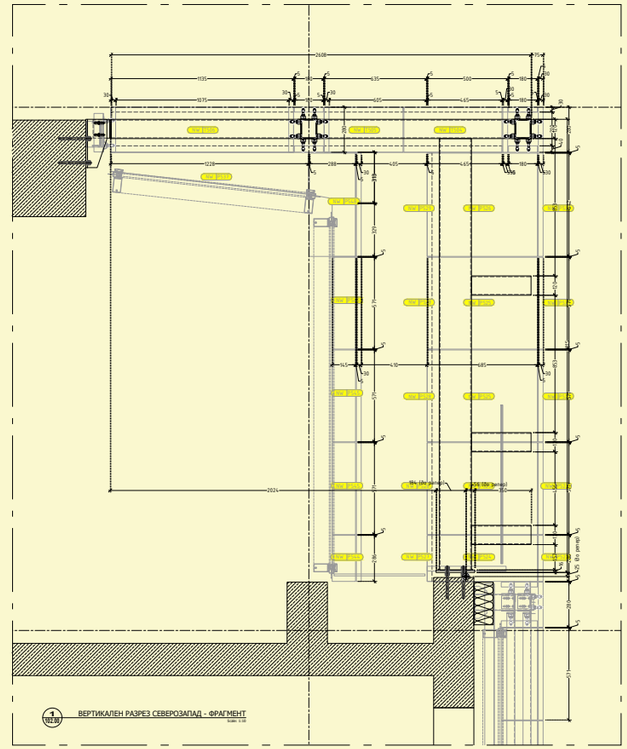


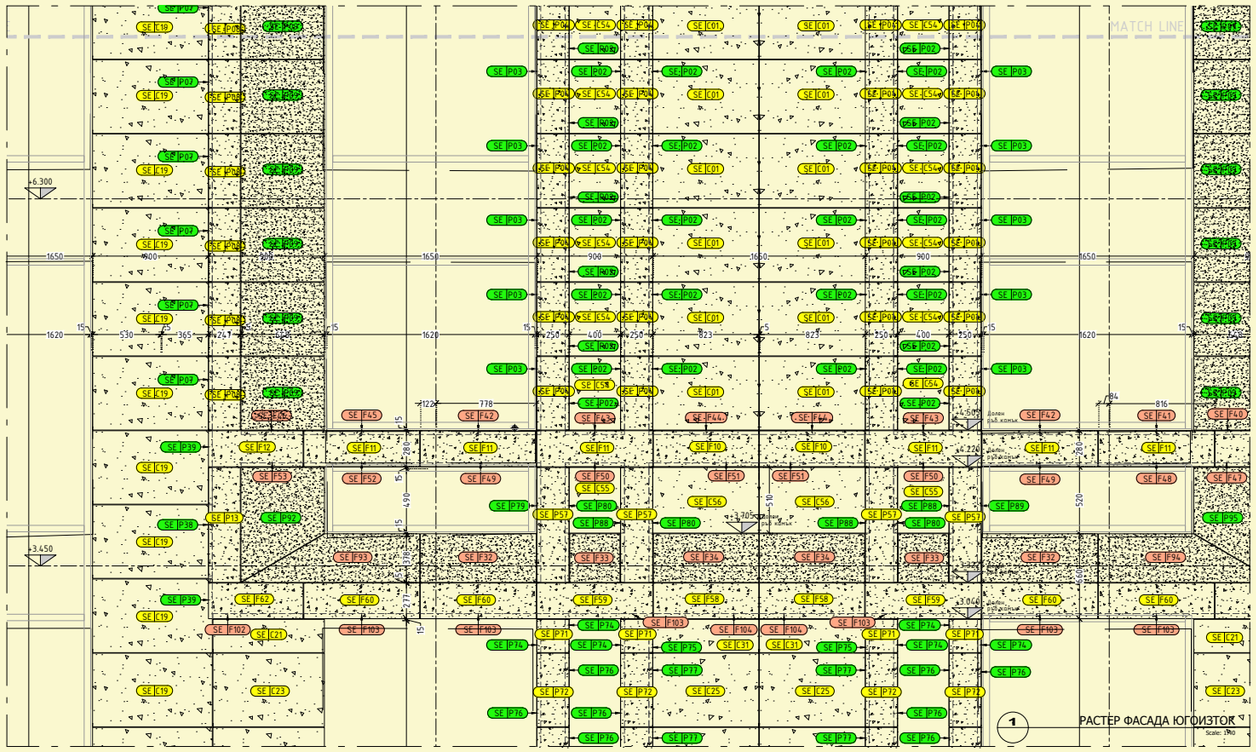
BUDEVSKA OFFICES

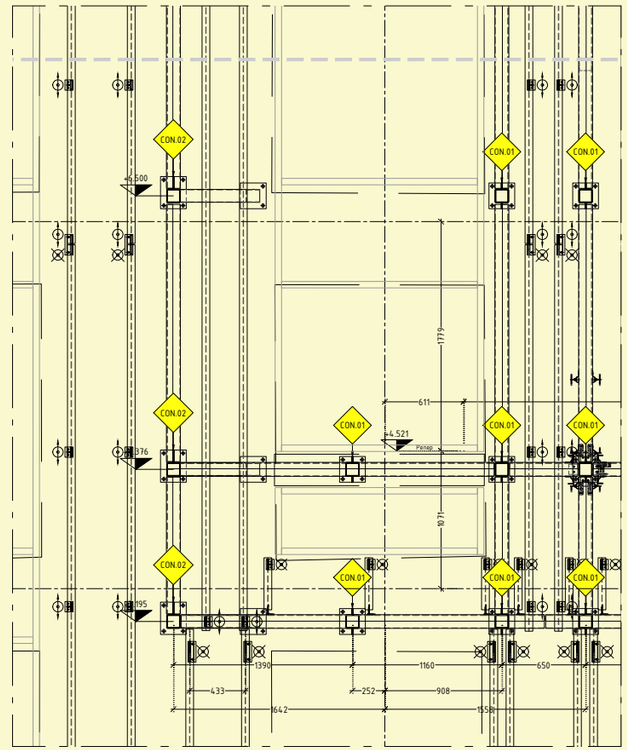
PROIN PLUS ARCHITECTURE

Location:	Sofia, Bulgaria
Date of completion:	2013
Area:	820 m^2
Shop Drawings:	754 pcs @ A3
Cut Sheets:	XX pcs
Contractor:	NIVEL



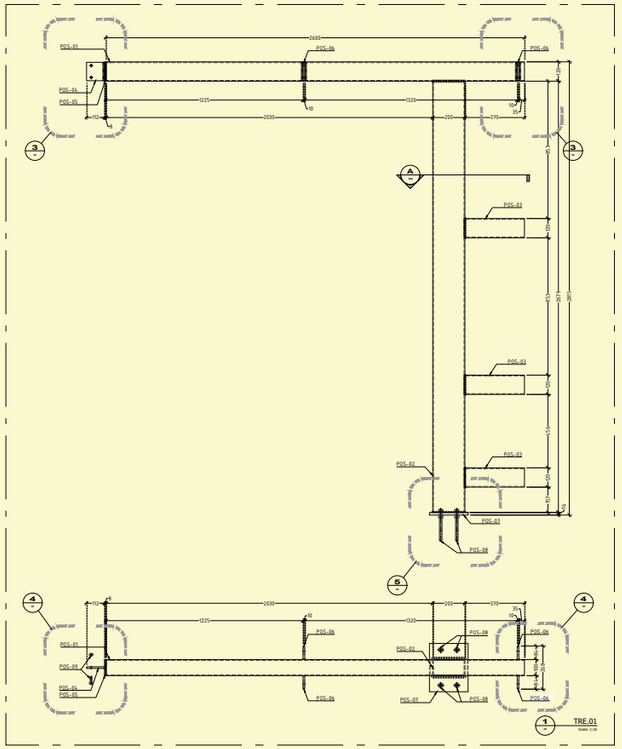


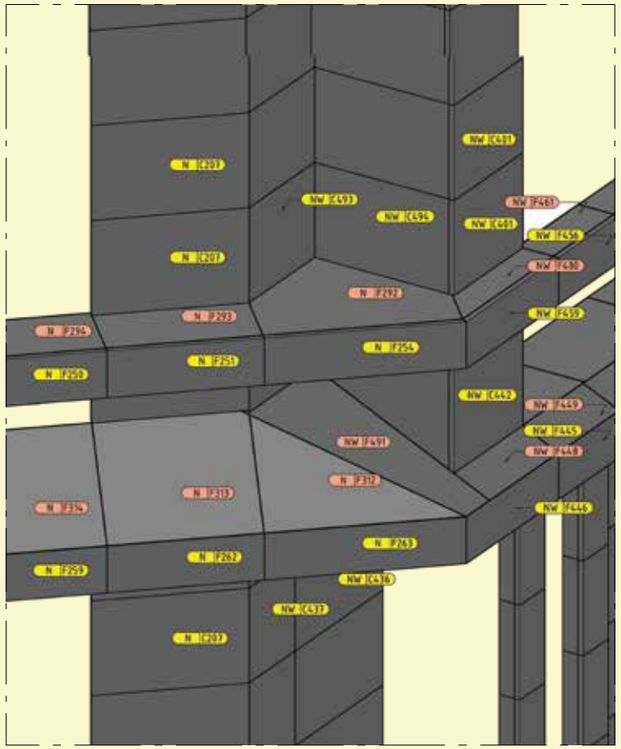




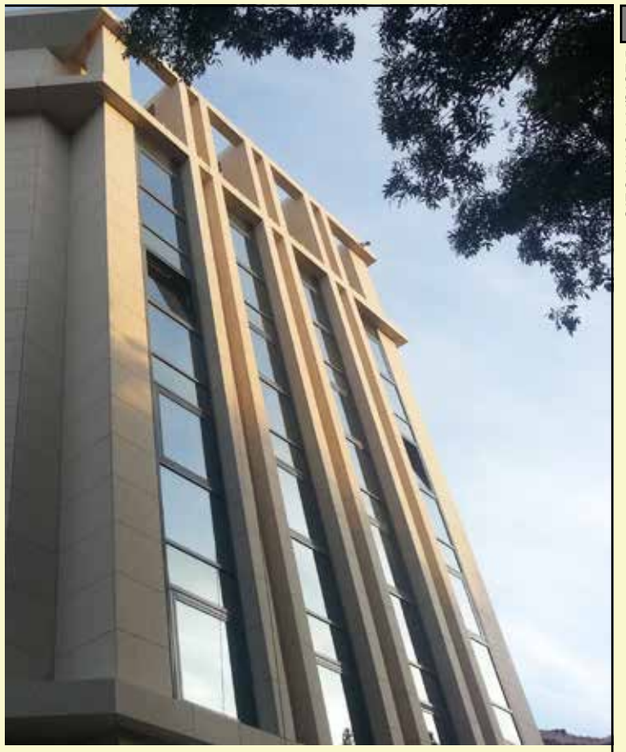
Scope of Services:

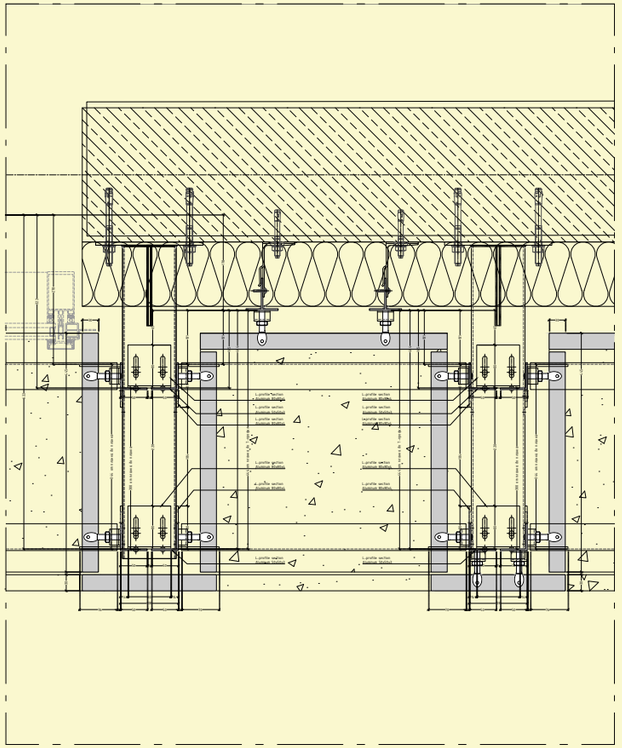
Shop drawings & Workshop drawings for::
Metal construction
Stone cladding
Supporting structure for pergolas, pilasters, windows, and other facade elements
Specifications

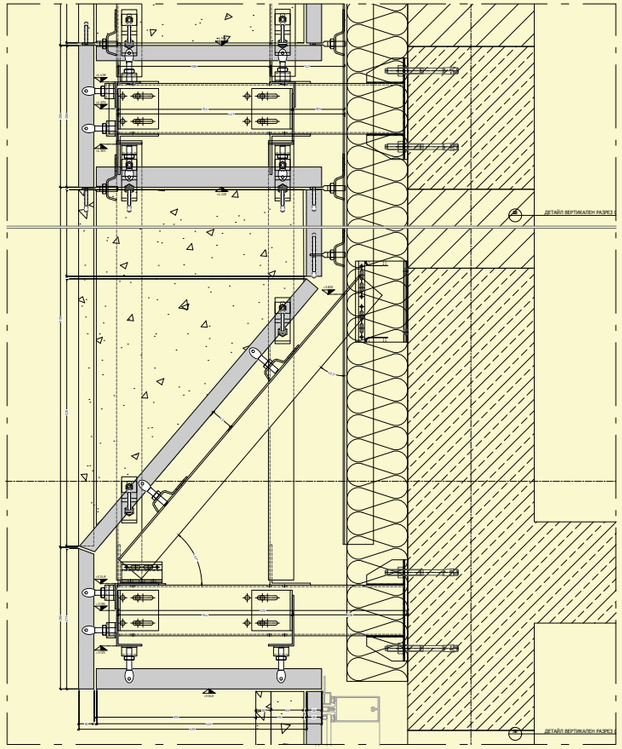

POS-06
POS-05
POS-04
POS-03
POS-07
POS-08
TRE.01


NW F491
N F293
NW F493
NW F494
NW F448
NW F454
NW F630
N F292
N F294
N F295
N F254
N F250
NW F442
NW F449
NW F445
NW F448
NW F451
N F312
N F313
N F314
NW F446
N F263
N F262
N F259
NW F476
NW C437
N F297








ДЕТАЙЛ ВЕРТИКАЛЕН РАЗРЕЗ
ДЕТАЙЛ ВЕРТИКАЛЕН РАЗРЕЗ



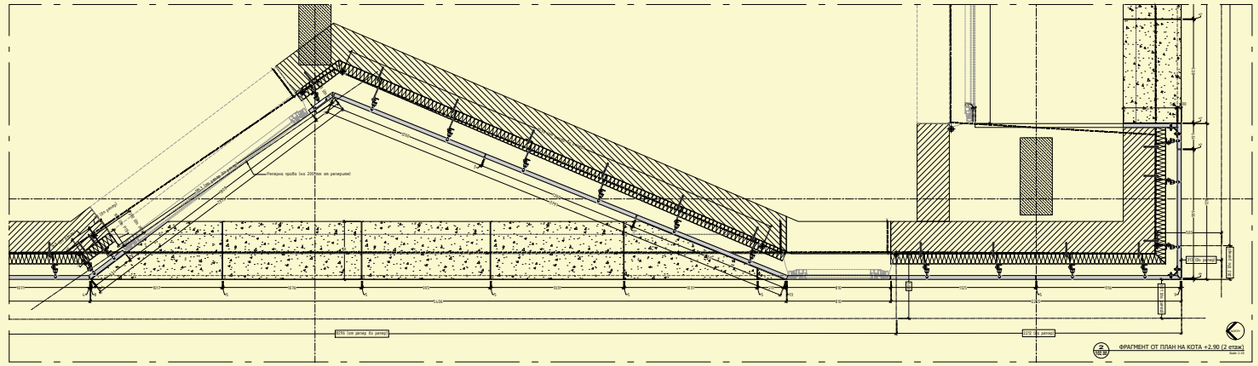


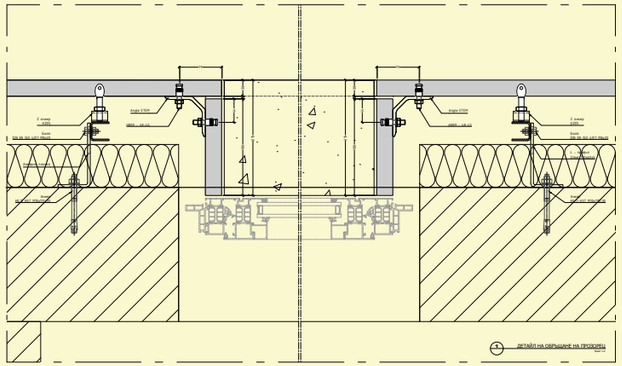


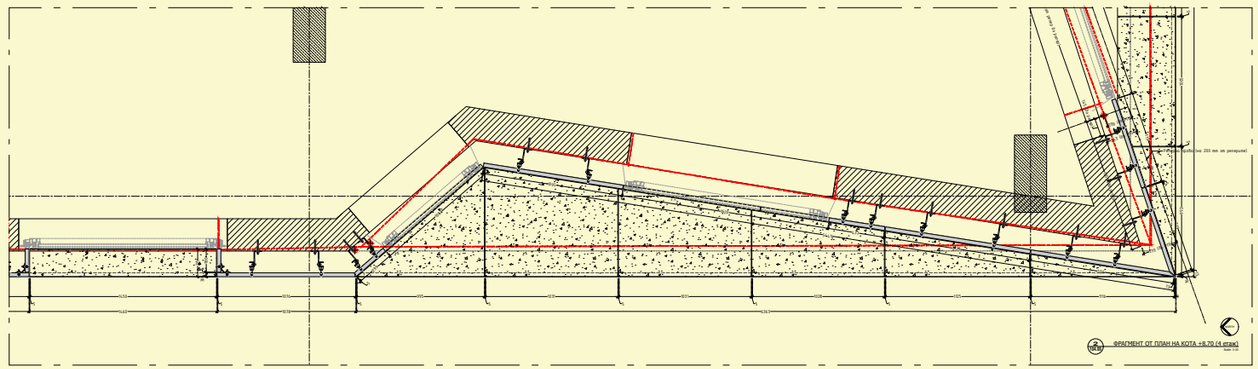


LYUBOTRAN
RESIDENTIAL BUILDING





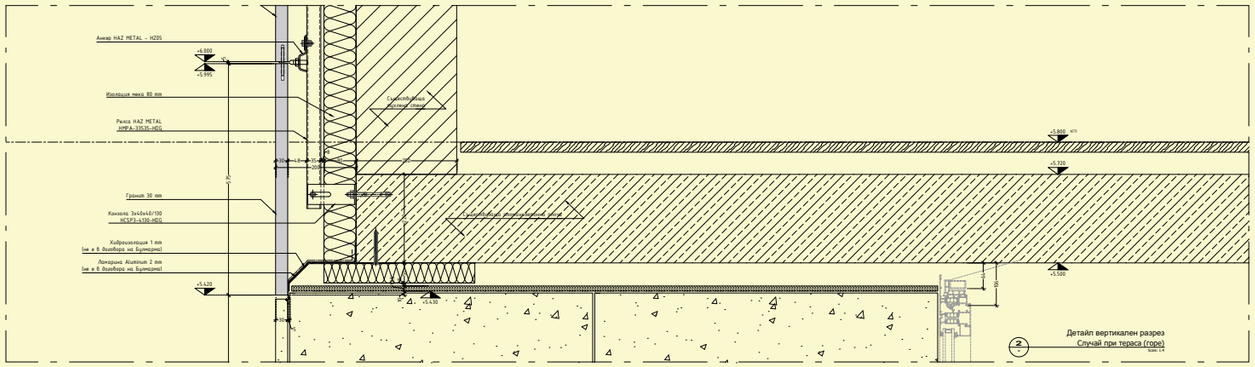




Location:	Sofia, Bulgaria
Date of completion:	2013
Area:	1 050 m^2
Shop Drawings:	1 116 pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	Bulmarma

Scope of Services:

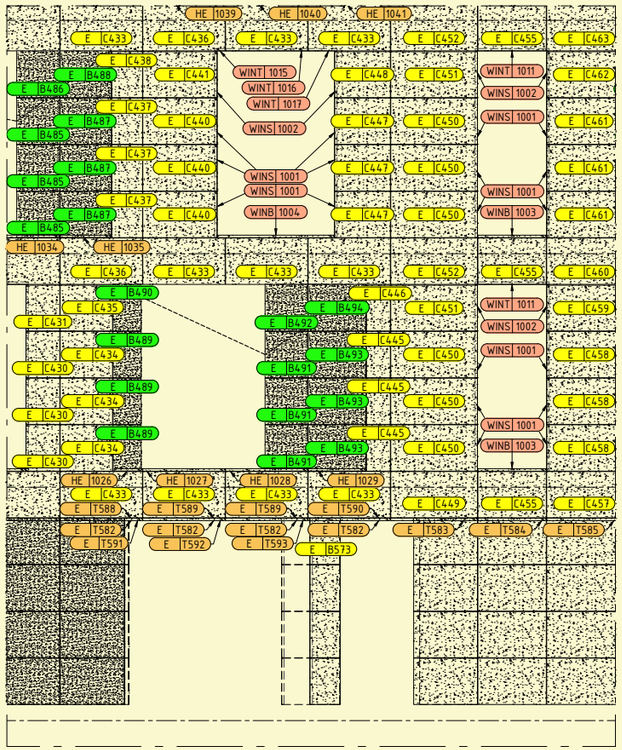
Shop drawings & Workshop drawings for:
Rainscreen ventilated facade (granite)
Staircase flooring
Vestibule flooring

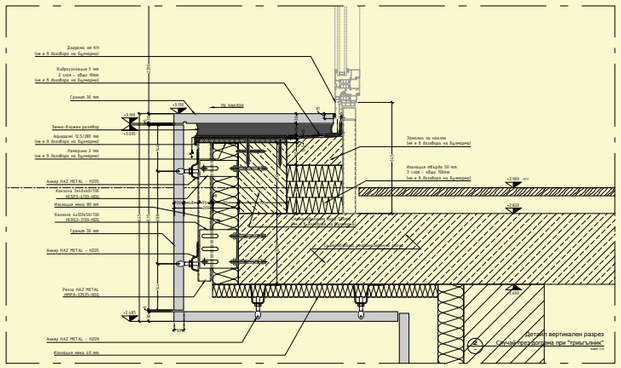

Детайл вертикален разрез
Случай при тераса (горе)
Детайл вертикален разрез
Случай при тераса (долу)

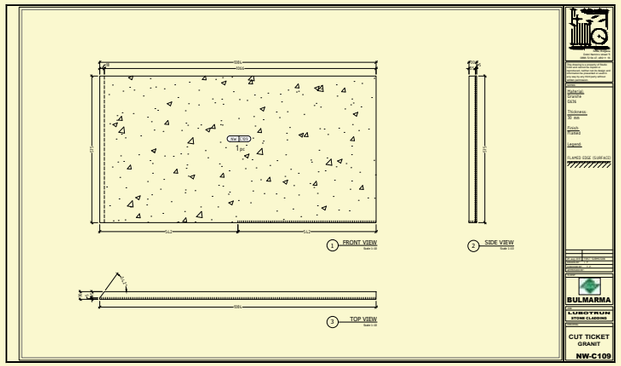







HE 1039
HE 1040
HE 1041
E C433
E C436
E C433
E C433
E C452
E C455
E C463
E C438
E C441
E C448
E C451
E C462
E B488
E B486
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E B573
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WINT 1016
WINT 1017
WINS 1002
WINS 1001
WINS 1001
WINB 1004
WINT 1011
WINS 1002
WINS 1001
WINS 1001
WINB 1003
WINT 1011
WINS 1002
WINS 1001
WINS 1001
WINB 1003


Детайл вертикален разрез
Съединителна фасадна греда при "ограъчник"


1 FRONT VIEW
2 SIDE VIEW
3 TOP VIEW
BULMARMA
CUT TICKET
GRANT
NW-C109







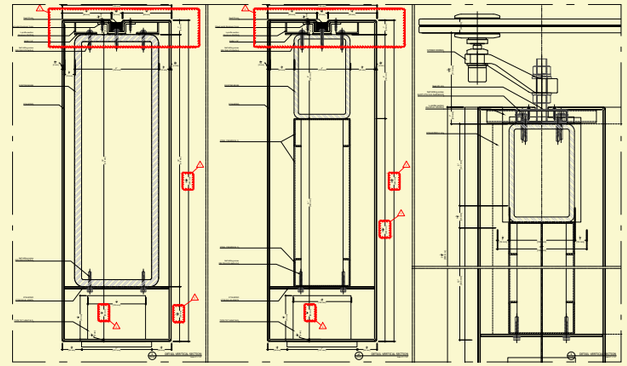


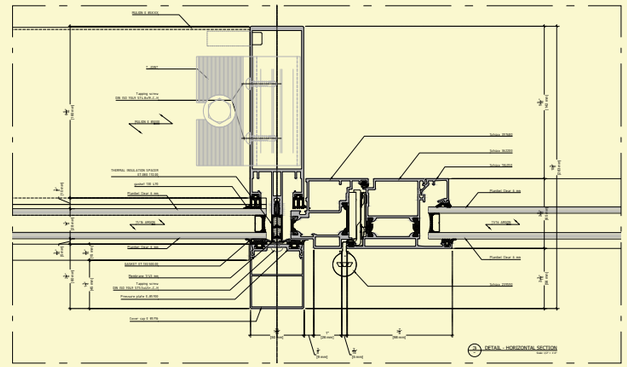
RIVERGATE APARTMENTS
Lobby Renovation

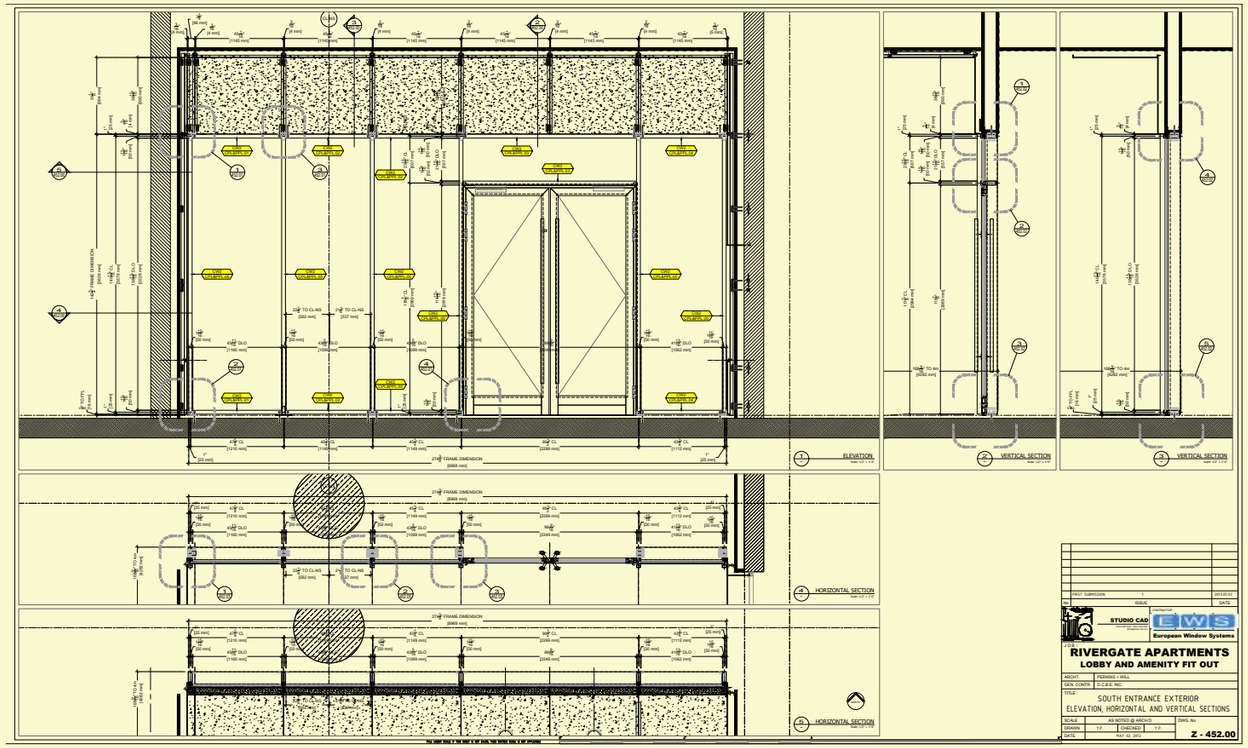
PERKINS + WILL

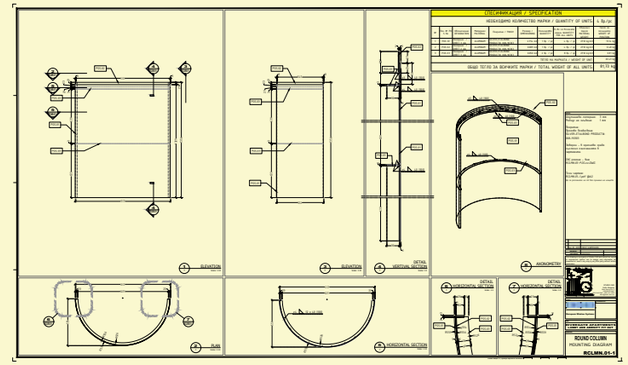


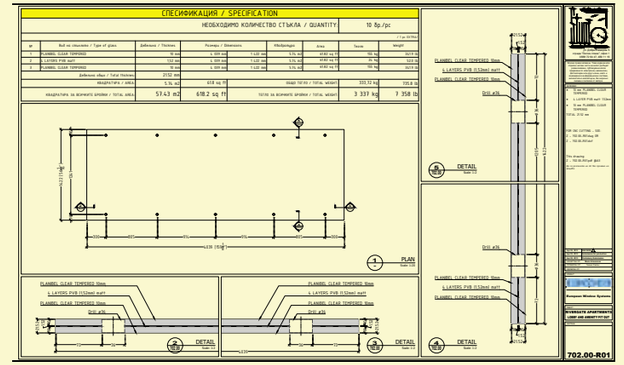
Location:	Manhattan, NY, USA
Date of completion:	2013
Area:	384 m^2
Shop Drawings:	XX pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	European Window Systems (EWS)





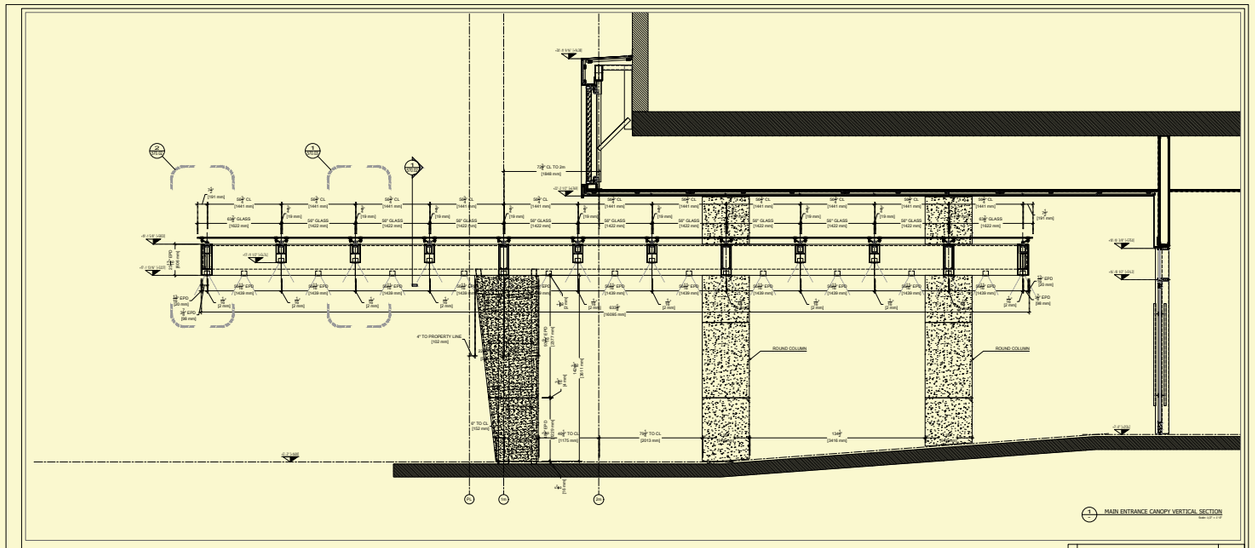






Scope of Services:

Shop Drawings & Workshop drawings for:
Curtain wall (ETEM)
Doors (SCHÜCO)
Composite metal panels (ETEM)
Spider canopy (DORMA)
Round columns



4	FOURTH SUBMISSION	JUL 15, 2015
3	THIRD SUBMISSION	JUL 02, 2015
2	SECOND SUBMISSION	JUN 03, 2015
1	FIRST SUBMISSION	APR 14, 2015
No.	ISSUE	DATE

STUDIO CAD — CONTRACTOR: European Window Systems

PROJECT:
RIVERGATE APARTMENTS
LOBBY AND AMENITY FIT OUT

ARCHIT.: FIDEMAN + WELL
GEN. CONTR.: D.C.B.E. INC.
TITLE: MAIN ENTRANCE PANEL CANOPY

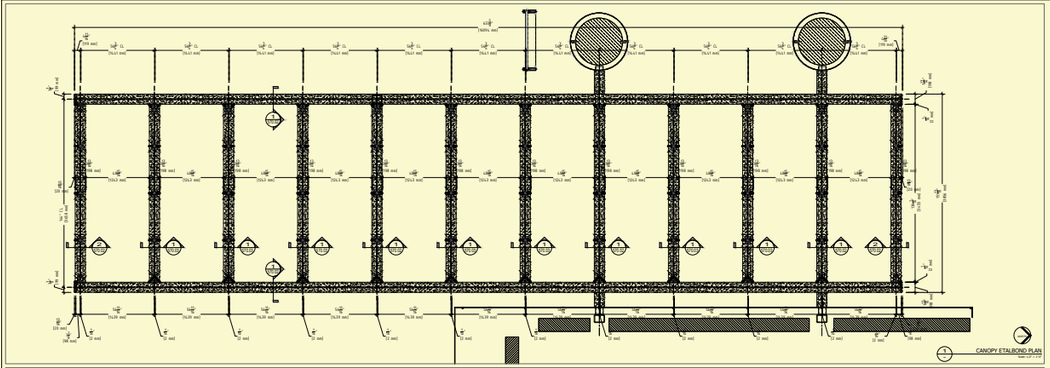
SCALE	AS NOTED @ ARCH D	DWG. No.
DRAWN: I.F	CHECKED: I.F	Z - 301.00
DATE:	APR 14, 2015	

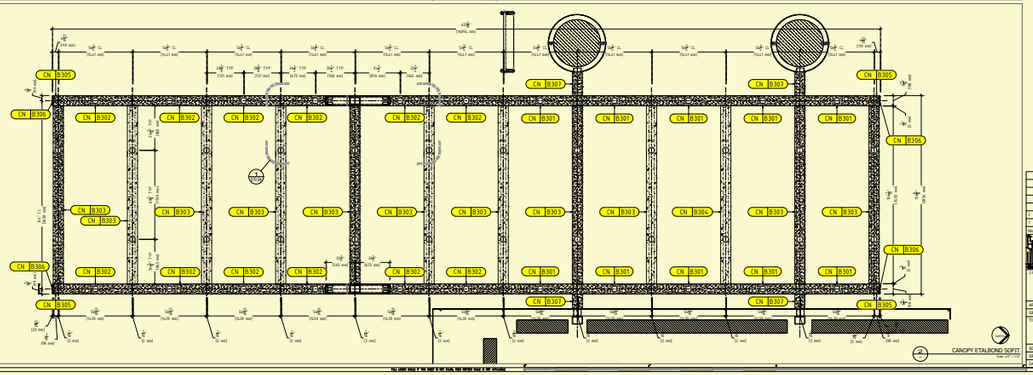












2	SECOND SUBMISSION	JUN 01, 2015
1	FIRST SUBMISSION	JUL 18, 2015
No.	ISSUE	DATE

STUDIO CAD — CONTRACTOR: European Window Systems

PROJECT:
RIVERGATE APARTMENTS
LOBBY AND AMENITY FIT OUT

ARCHIT.: FIDEMAN + WELL
GEN. CONTR.: D.C.B.E. INC.
TITLE: MAIN ENTRANCE PANEL CANOPY

SCALE	AS NOTED @ ARCH D	DWG. No.
DRAWN: I.F	CHECKED: I.F	Z - 163.02
DATE:	JUL 18, 2015	



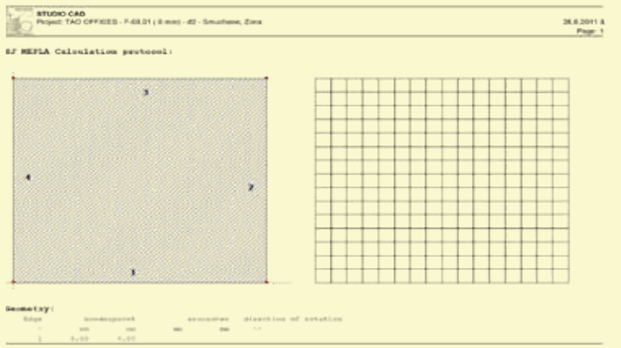




TAO OFFICES

Location: Sofia, Bulgaria
Date of completion: 2011
Contractor: Muharski

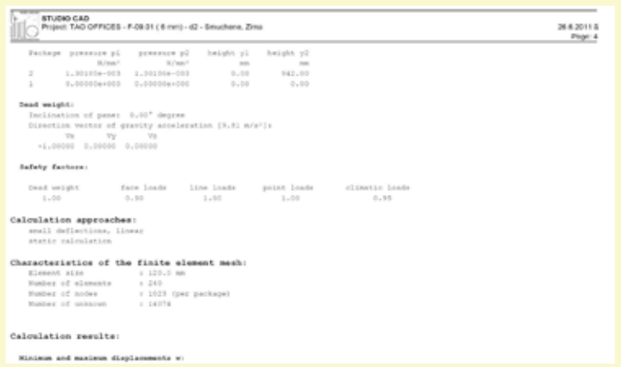



STUDIO CAD
Project: TAO OFFICES - F-09.01 (6 mm) - d2 - Smuchene, Zima
26.6.2011 г.
Page: 1

BJ MEPLA Calculation protocol:

Geometry:

Edge	coordinate1		coordinate2		direction of rotation
-	mm	mm	mm	mm	-
1	0.00	0.00			


STUDIO CAD
Project: TAO OFFICES - F-09.01 (6 mm) - d2 - Smuchene, Zima
26.6.2011 г.
Page: 4

Package	pressure p1 N/mm²	pressure p2 N/mm²	height y1 mm	height y2 mm
2	1.30100e-003	1.30100e-003	0.00	942.00
1	0.00000e+000	0.00000e+000	0.00	0.00

Dead weight:
Inclination of panel: 0.00° degree
Direction vector of gravity acceleration (9.81 m/s²):
Yx Yy Yz
+1.00000 0.00000 0.00000

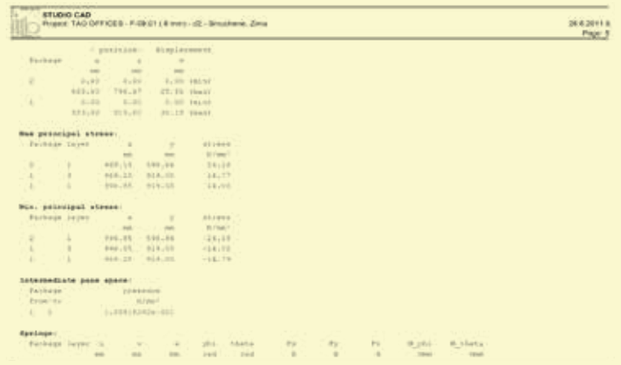
Safety factors:

Dead weight	Face loads	Line loads	point loads	climatic loads
1.00	0.90	1.50	1.00	0.95

Calculation approaches:
small deflections, linear
static calculation

Characteristics of the finite element mesh:
Element size : 120.0 mm
Number of elements : 240
Number of nodes : 1023 (per package)
Number of unknown : 14074

Calculation results:
Minimum and maximum displacements w:


STUDIO CAD
Project: TAO OFFICES - F-09.01 (6 mm) - d2 - Smuchene, Zima
26.6.2011 г.
Page: 7

Package	x mm	y mm	z mm
2	0.00	0.00	0.00 mm/mm
	603.00	796.87	25.00 Vmax
1	0.00	0.00	0.00 mm/mm
	603.00	919.00	25.00 Vmax

Max principal stress:

Package	layer	x mm	y mm	stress N/mm²
2	2	603.15	590.88	14.18
1	3	964.13	914.00	14.77
1	1	590.85	914.00	14.00

Min. principal stress:

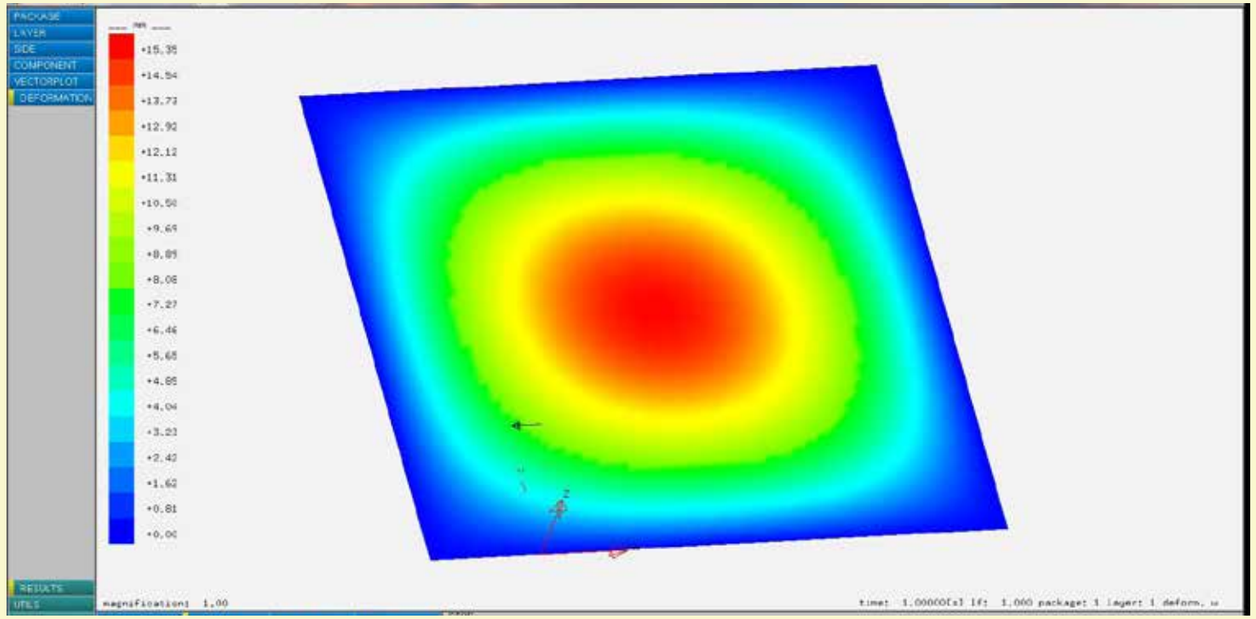
Package	layer	x mm	y mm	stress N/mm²
2	1	596.85	590.88	-14.18
1	3	960.85	914.00	-14.02
1	1	964.28	914.00	-14.79

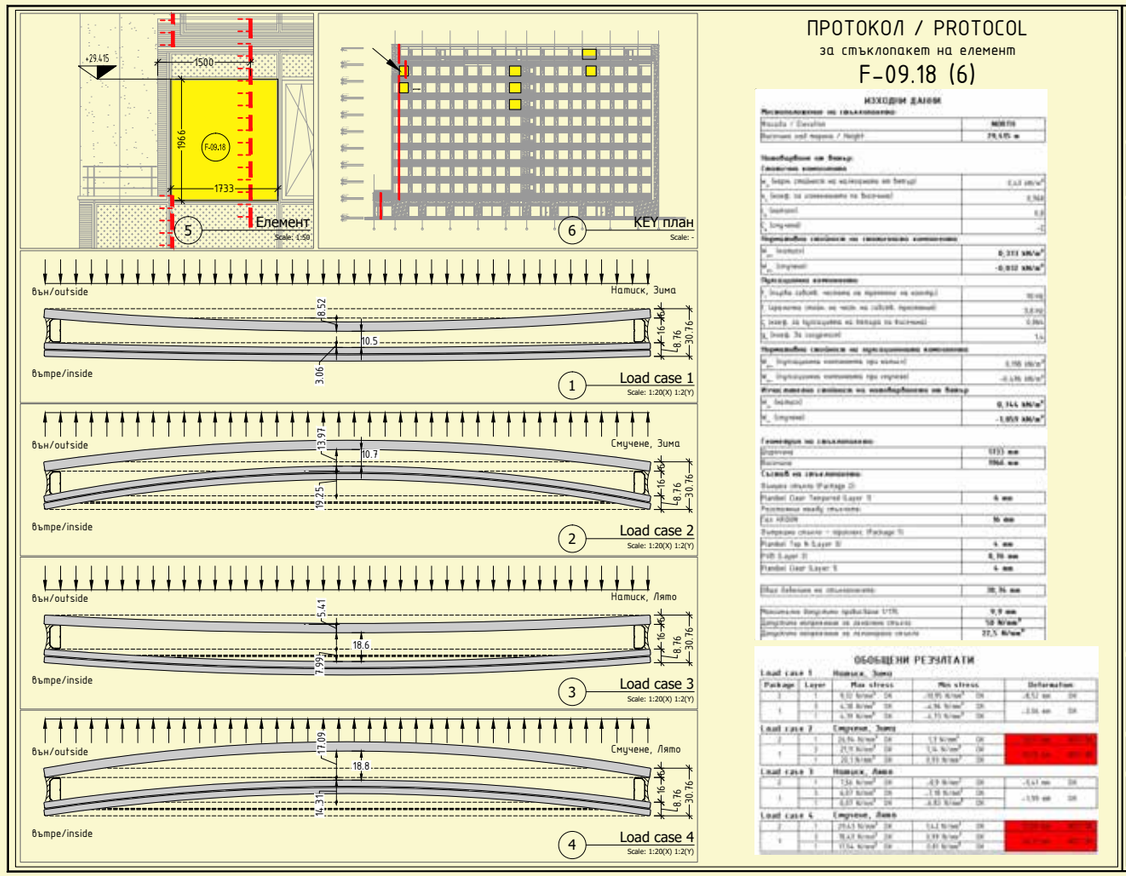
Intermediate pane space:

Package	pressure
From-To	N/mm²
1 - 2	1.0281820e-001

Springs:

Package	layer	x mm	y mm	z mm	phi rad	theta rad	Fx N	Fy N	Fz N	M_phi Nmm	M_theta Nmm





Scope of Services:

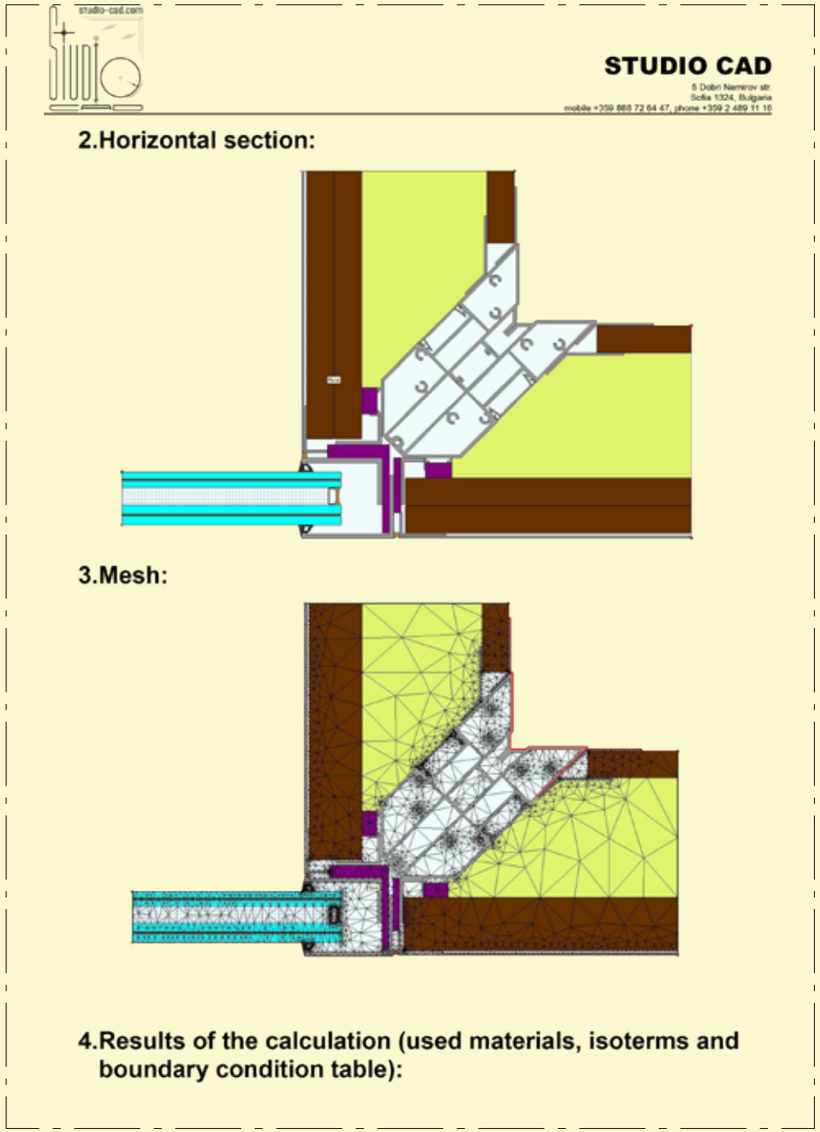
Stress calculations for:

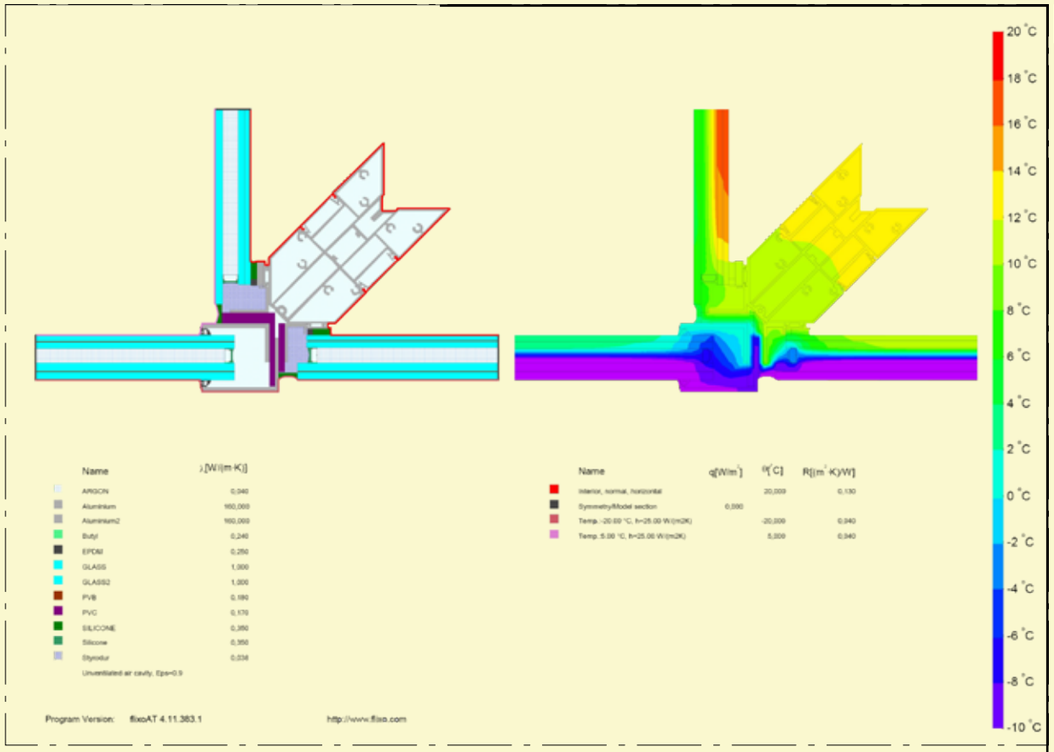
Glazing

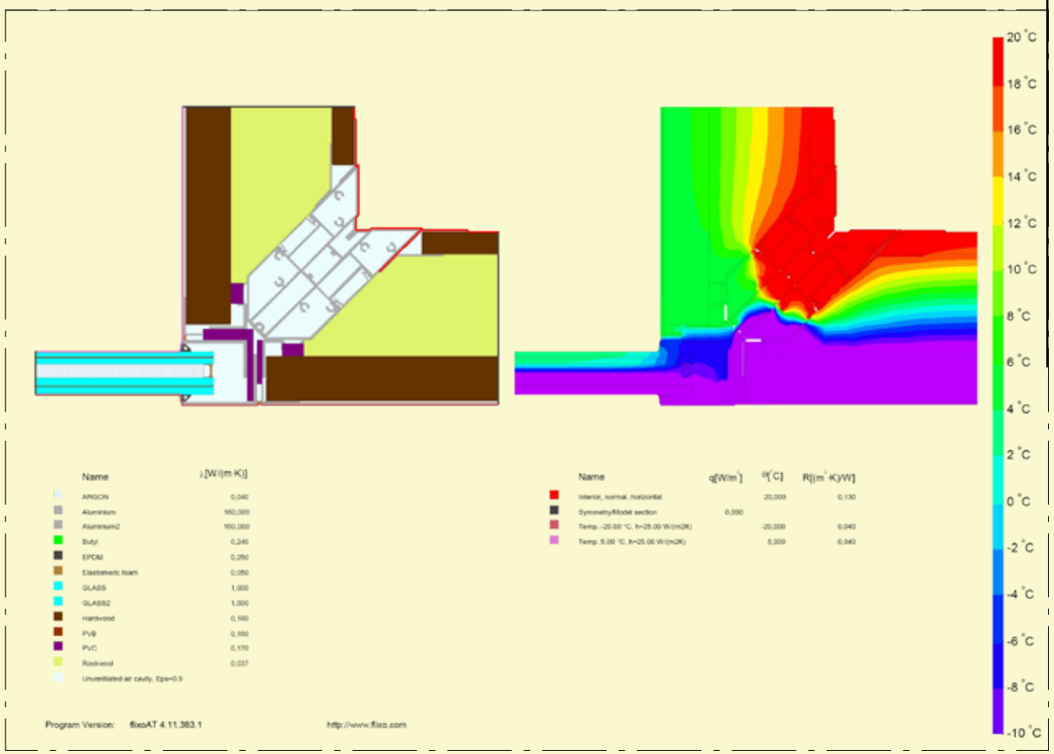
SOFIA AIRPORT CENTER



Location: Sofia, Bulgaria
Date of completion: 2009
Contractor: Kristian Neiko







Scope of Services:
Condensation calculations for:

Winter garden details

OFFICE BUILDING

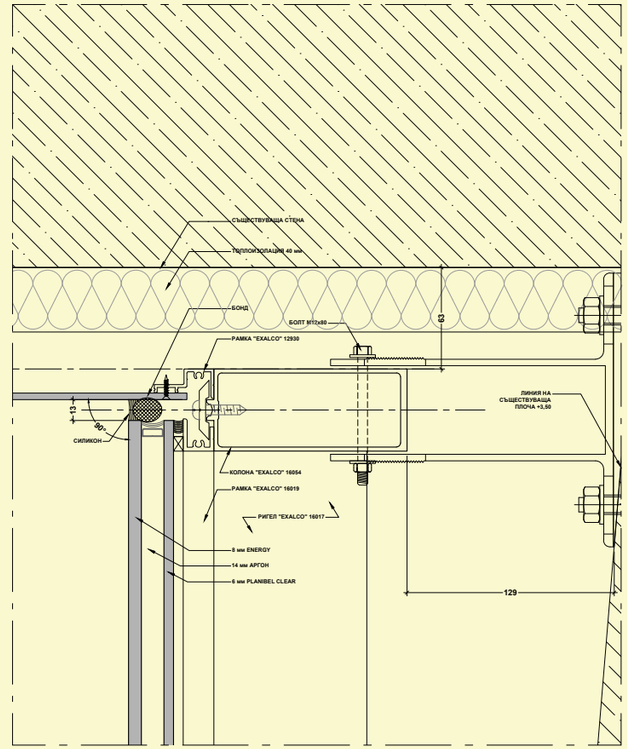
AMFION Ltd.

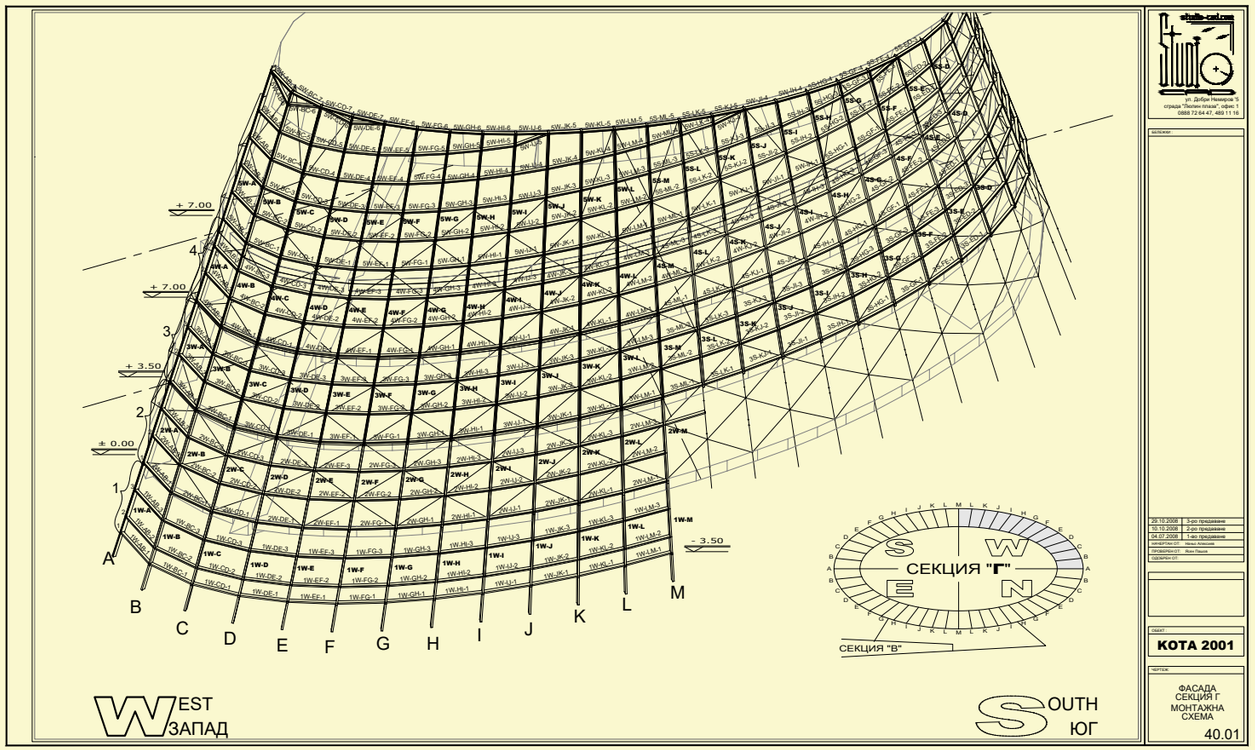
Location:	Sofia, Bulgaria
Date of completion:	2009
Area:	3 923 m^2
Shop Drawings:	XX pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	Kristian Neiko

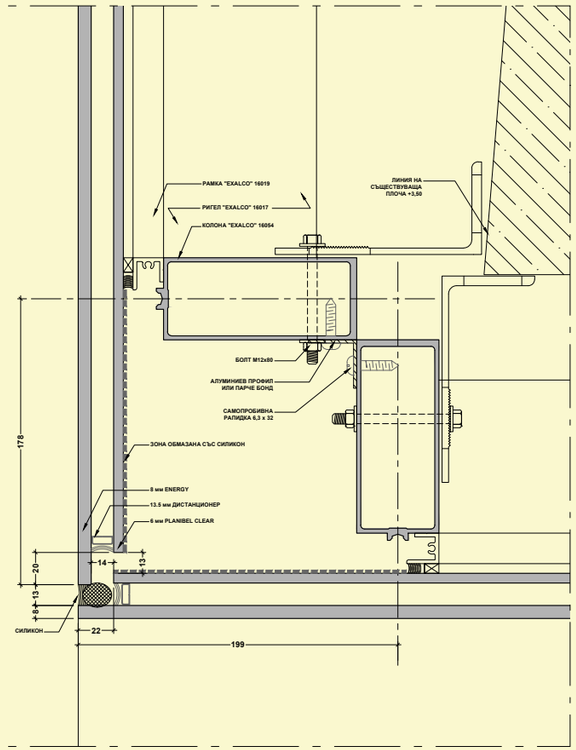
Scope of Services:

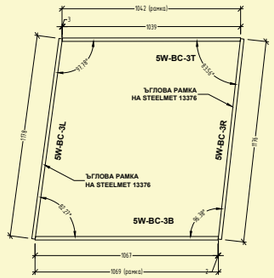
Shop drawings & Workshop drawings for:
Structural Glazing Curtain wall (EXALCO)
Doors & Windows (EXALCO)
Composite Sheet Panels (ETALBOND)
Steel Canopy (JAKOB)

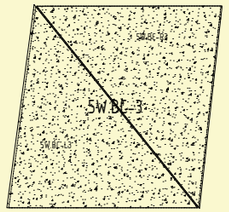


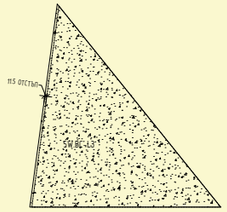


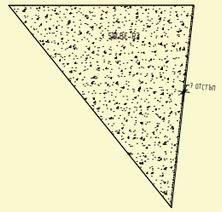






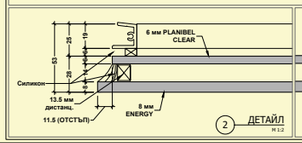




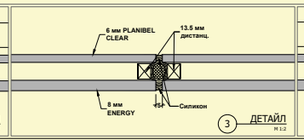


1 СТЪКЛОПАКЕТ 5W-BC-3
M 1:10

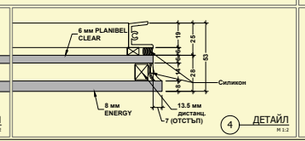
2 ДЕТАЙЛ
M 1:2



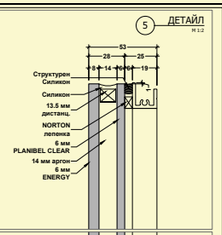
3 ДЕТАЙЛ
M 1:2



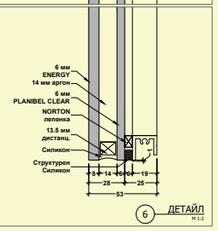
4 ДЕТАЙЛ
M 1:2



5 ДЕТАЙЛ
M 1:2



6 ДЕТАЙЛ
M 1:2



7 ДЕТАЙЛ
M 1:2



8 ДЕТАЙЛ
M 1:2



stylle-calcon
ул. Добри Немиров 5
сграда "Люлин плаза", офис 1
0888 72 64 47, 489 11 16

БЕЛЕЖКИ:

СИСТЕМА: EXALCO
ЦВЯТ: 9007
СТЪКЛОПАКЕТ:
8 мм ENERGY
14 mm ARGON
6 мм PLANIBEL CLEAR
Обща деб. 28 мм
Залепен на рамка със структурен силикон

ВАЖНО:

1. РАМКАТА ДА СЕ МОНТИРА НА ИЗРЕКТНАТА Й ПОЗИЦИЯ СЪС СЪОТВЕТНИТЕ ОТСТЪПИ.
2. МОЛЯ ДА СЕ ОБЪРНЕ ВНИМАНИЕ НА ЪГЛОВАТА РАМКА, КОЯТО СЕ ПОЯВЯВА ПО ВЕРТИКАЛА НА НЯКОИ ОТ СТЪКЛОПАКЕТИТЕ.
3. ДА СЕ СПАЗЯТ КАНТИРАНИЯТА КАКТО СЛЕДВА:
- ВЪНШНО СТЪКЛО - ОТ ВСИЧКИ СТРАНИ
- ВЪТРЕШНО СТЪКЛО - ПО ДИАГОНАЛА
4. ОТСТЪПИ НА ВЪНШНОТО СТЪКЛО ПРЕД ВЪТРЕШНОТО ИМА САМО ОТВИО И ОТДЯСНО, КАКТО Е ПОКАЗАНО НА ЧЕРТЕЖА. ОТГОРЕ, ОТДОЛУ И ПО ДИАГОНАЛ СТЪКЛАТА СЕ ПОДРАВНЯВАТ.

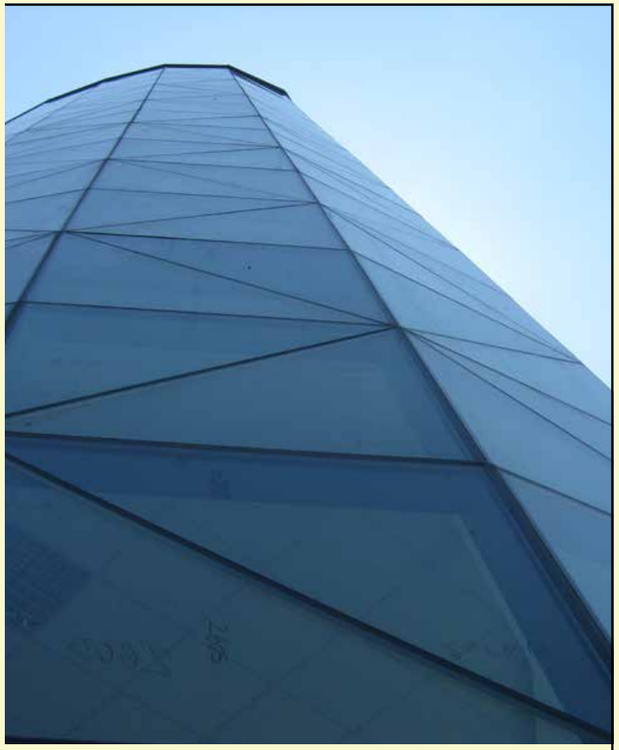
12.11.2008	1-во предаване
АРХИТЕКТ ОТ:	Нина Атанасова
КОНСТРУКТ ОТ:	Жан Пашов
ОДОБРЕН ОТ:	

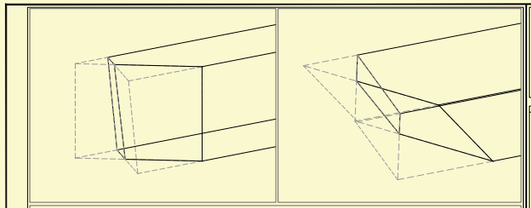
ОБЕКТ:
КОТА 2001

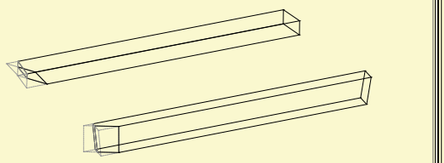
ЧЕРТЕЖ:
ФАСАДА СЕКЦИЯ Г РАЗКРОЙ СТЪКЛОПАКЕТИ
52.30

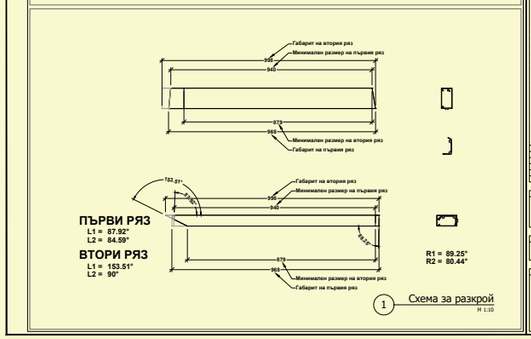












1 Схема за разкрой
M 1:10

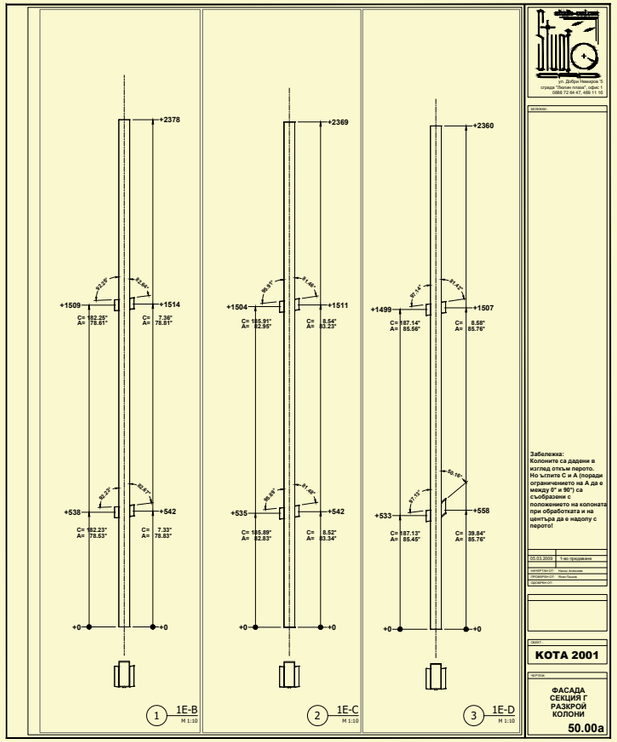
stylle-calcon
ул. Добри Немиров 5
сграда "Люлин плаза", офис 1
0888 72 64 47, 489 11 16

Забележка:
Ригелите са слагат на плота с перото нагоре.
Градусите посочени встрани от разкроя показват показанията на машината.
Задължително закрои с ригела се реже и комформатна връзка (за да се получи същия градус).
Всички размери са дадени без да се взима впредвид перото.

12.09.2008	1-во предаване
АРХИТЕКТ ОТ:	Нина Атанасова
КОНСТРУКТ ОТ:	Жан Пашов
ОДОБРЕН ОТ:	

ОБЕКТ:
КОТА 2001

ЧЕРТЕЖ:
ФАСАДА СЕКЦИЯ Г РАЗКРОЙ РИГЕЛИ
51.XX



1 1E-B
M 1:10

2 1E-C
M 1:10

3 1E-D
M 1:10

stylle-calcon
ул. Добри Немиров 5
сграда "Люлин плаза", офис 1
0888 72 64 47, 489 11 16

Забележка:
Колоните са дадени в изглед отгъм перото.
Но ъглите С и А (поради ограничението на А да е между 0° и 90°) са съобразени с положението на колоната при обработката и на центъра да е надолу с перото!

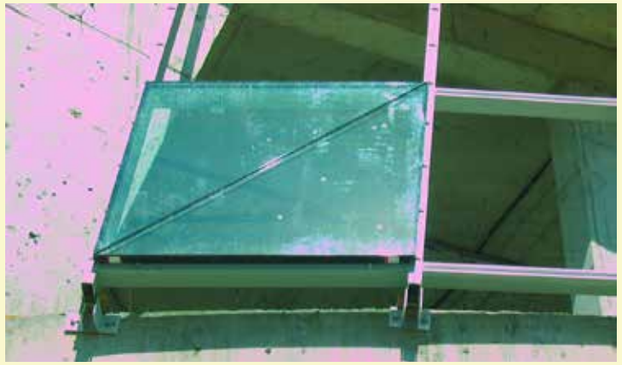
12.09.2008	1-во предаване
АРХИТЕКТ ОТ:	Нина Атанасова
КОНСТРУКТ ОТ:	Жан Пашов
ОДОБРЕН ОТ:	

ОБЕКТ:
КОТА 2001

ЧЕРТЕЖ:
ФАСАДА СЕКЦИЯ Г РАЗКРОЙ КОЛОНИ
50.00a







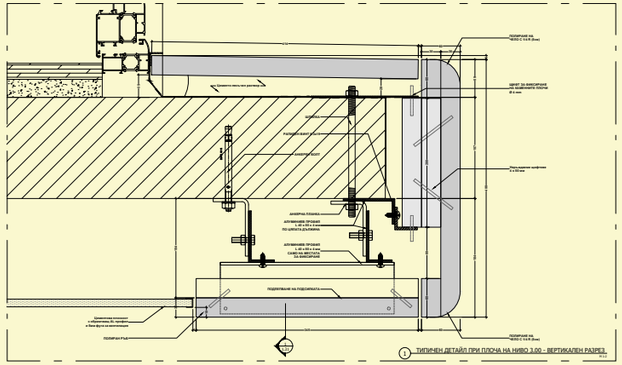


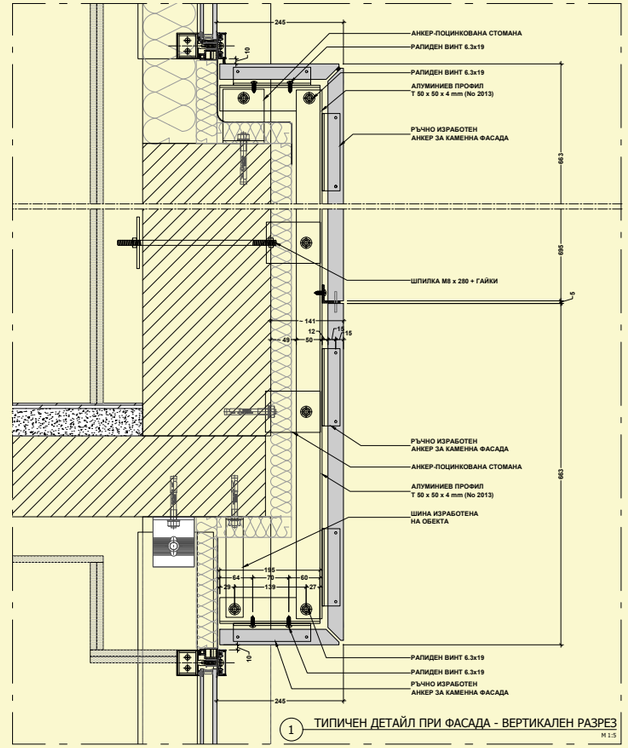
HOTEL BUDAPEST

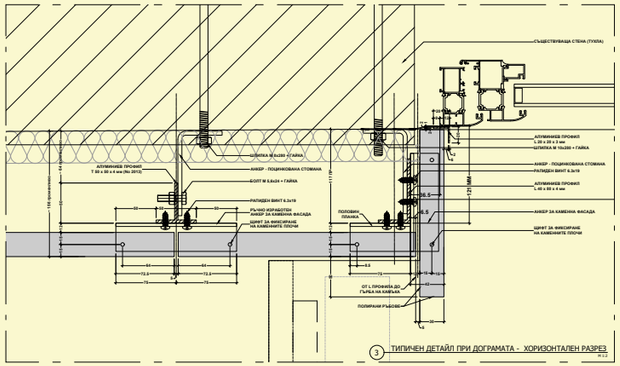
arch. DANIELA DIKOVA

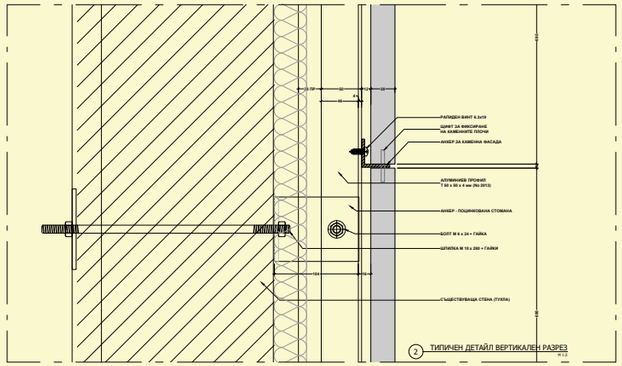


Location:	Sofia, Bulgaria
Date of completion:	2008
Area:	1 390 m^2
Shop Drawings:	XX pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	Kristian Neiko







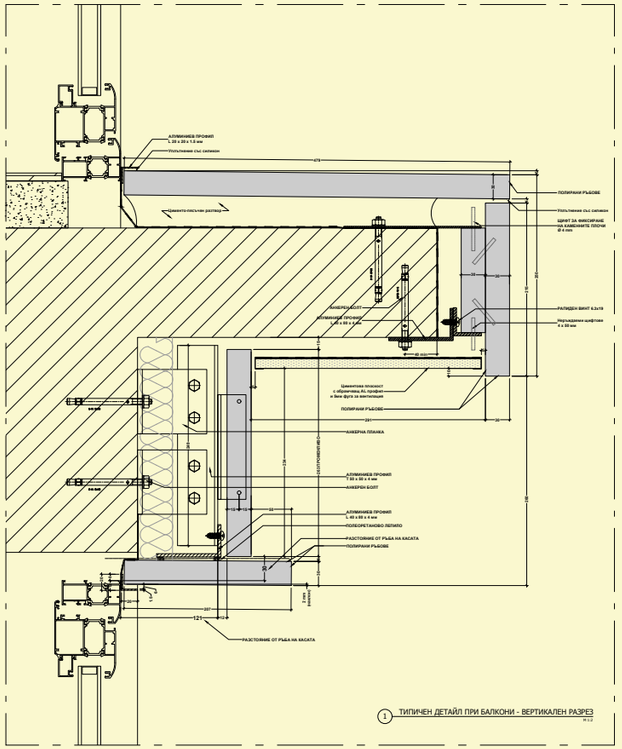


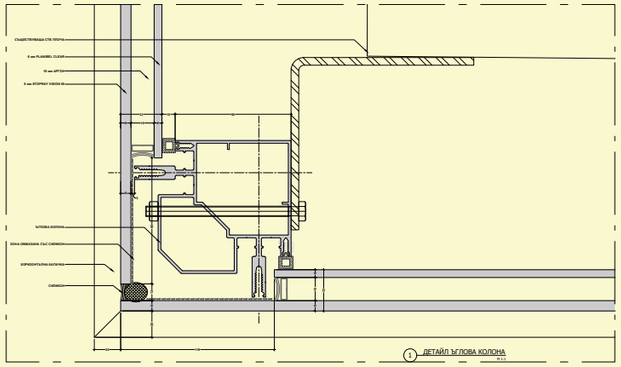


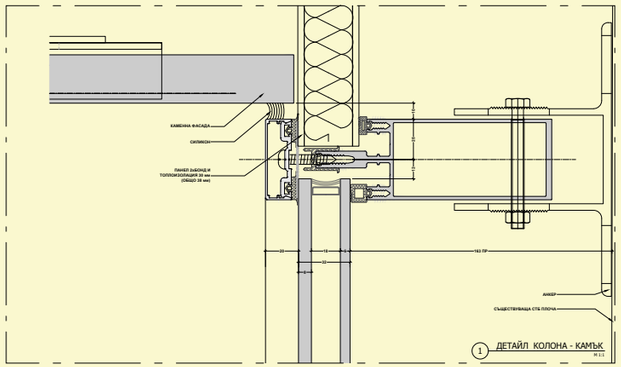


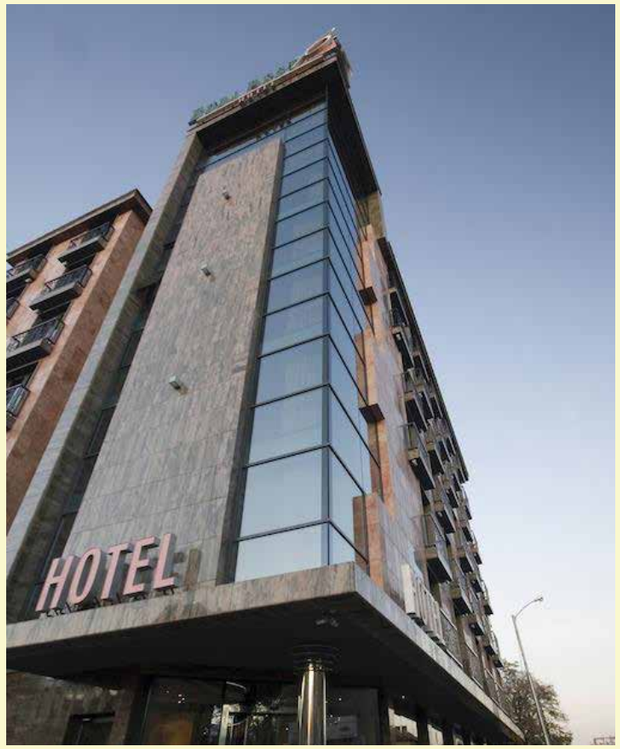
Scope of Services:

Shop Drawings & Workshop drawings for:
Ventilated Stone Cladding (Granite and Travertine)
Curtain walls (EXALCO)
Windows & Doors (EXALCO)
Decorative railings (Wrought Iron)


АЛУМИНИЕВ ПРОФИЛ
Т. 25 х 20 х 1.5 мм
Уплътнение със силикон
ПОЛИРАНИ РЪБОВЕ
ЩИРИТ ЗА ФИКСИРАНЕ НА ЗАМЕСВАТИТЕ ПЛОЧИ Ø 4 мм
РАЗПЕРА
АЛУМИНИЕВ ПРОФИЛ
АНКЕРЕН БОЛТ
РАЗСТОЯНИЕ ОТ РЪБА НА КАСАТА
1 ТИПИЧЕН ДЕТАЙЛ ПРИ БАЛКОНИ - ВЕРТИКАЛЕН РАЗРЕЗ

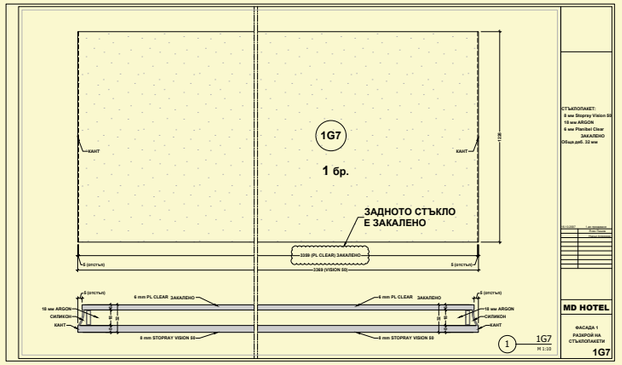

1 ДЕТАЙЛ ЪГЛОВА КОЛОНА

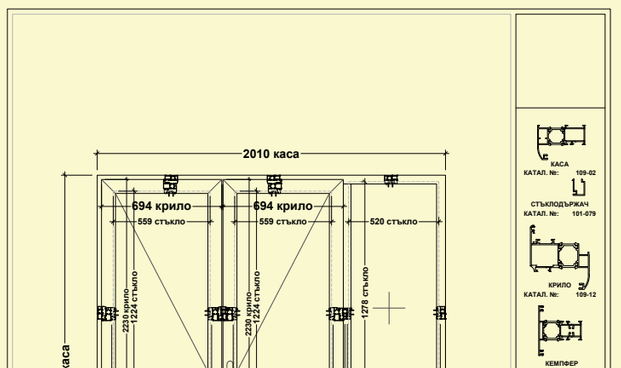

КАМЕННА ФАСАДА
СИЛИКОН
ПАНЕЛ ЗАЗИДАН И ТОПЛОИЗОЛАЦИЯ 50 мм
ОБЩО 58 мм
АНКЕР
СЪЩЕСТВУВАЩА СТБ. ПЛОЧА
1 ДЕТАЙЛ КОЛОНА - КАМЪК

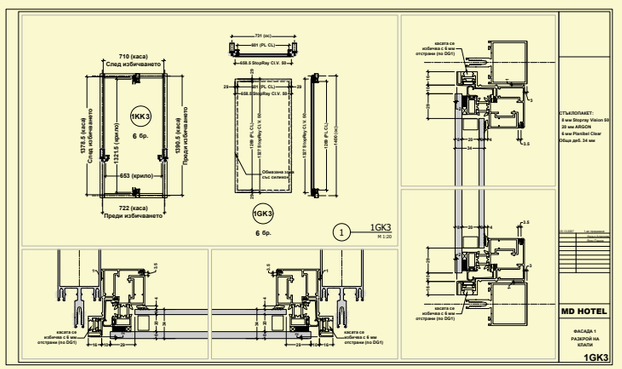

HOTEL


HOTEL




1G7
1 бр.
КАНТ
КАНТ
ЗАДНОТО СТЪКЛО Е ЗАКАЛЕНО
1339 (PL CLEAR) ЗАКАЛЕНО
1369 (VISION 60)
1128
6 mm PL CLEAR ЗАКАЛЕНО
16 mm ARGON
СИЛИКОН
КАНТ
6 mm STOPRAY VISION 60
1 1G7
M 1:25
СТЪКЛОПАКЕТ:
6 mm Stopray Vision 60
16 mm ARGON
6 mm Planibel Clear
ОБЩО ДЕБ. 32 mm
MD HOTEL
ФАСАДА 1
РАЗКРОЙ НА СТЪКЛОПАКЕТИ
1G7


2010 каса
2280 каса
694 крило
559 стъкло
694 крило
559 стъкло
520 стъкло
2210 крило
1224 стъкло
2239 крило
1224 стъкло
1278 стъкло
576 кемпфер
576 кемпфер
537 кемпфер
828 стъкло
826 стъкло
860 стъкло
520 стъкло
916 кемпфер
941 кемпфер
581 кемпфер
P9
2 бр.
КАСА
КАТАЛ. №: 109-02
СТЪКЛОДЪРЖАЧ
КАТАЛ. №: 101-079
КРИЛО
КАТАЛ. №: 109-12
КЕМПФЕР
КАТАЛ. №: 109-20
ЛЕТЯЩ КЕМПФЕР
КАТАЛ. №: 109-18
27.07.2007
1 ви предложение
1 P9
M 1:15
MD HOTEL
РАЗКРОЙ НА ДОГРАМА
P9

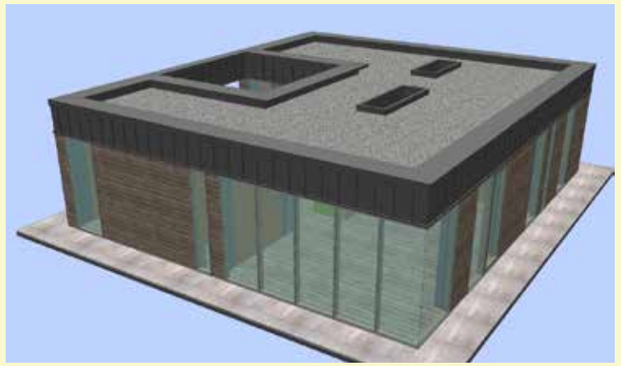

710 (каса)
След избиването
1514 (крило)
653 (крило)
722 (каса)
Преди избиването
1GK3
6 бр.
1 1GK3
M 1:20
СТЪКЛОПАКЕТ:
6 mm Stopray Vision 60
16 mm ARGON
6 mm Planibel Clear
Общо деб. 34 mm
MD HOTEL
ФАСАДА 1
РАЗКРОЙ НА КЮПЕИ
1GK3

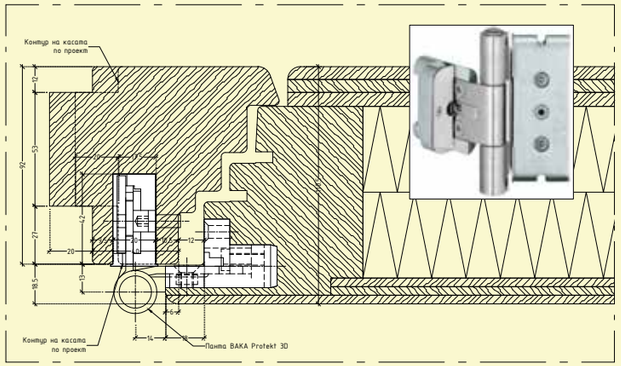


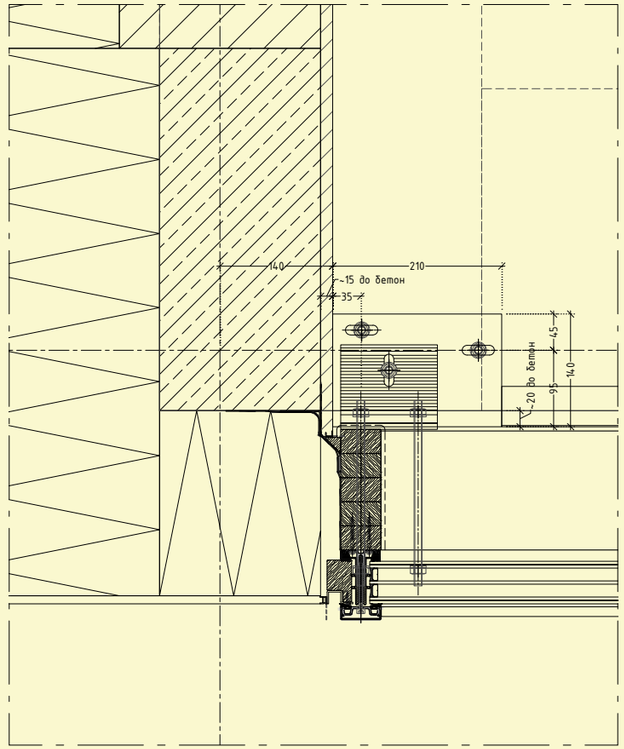
GI HOUSE
Passive Hause

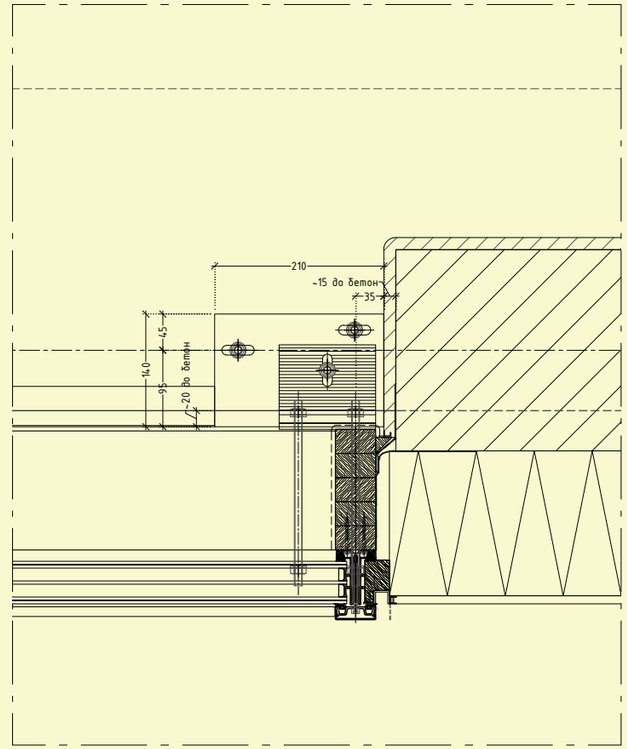
arch. PAVEL TSUIKOV

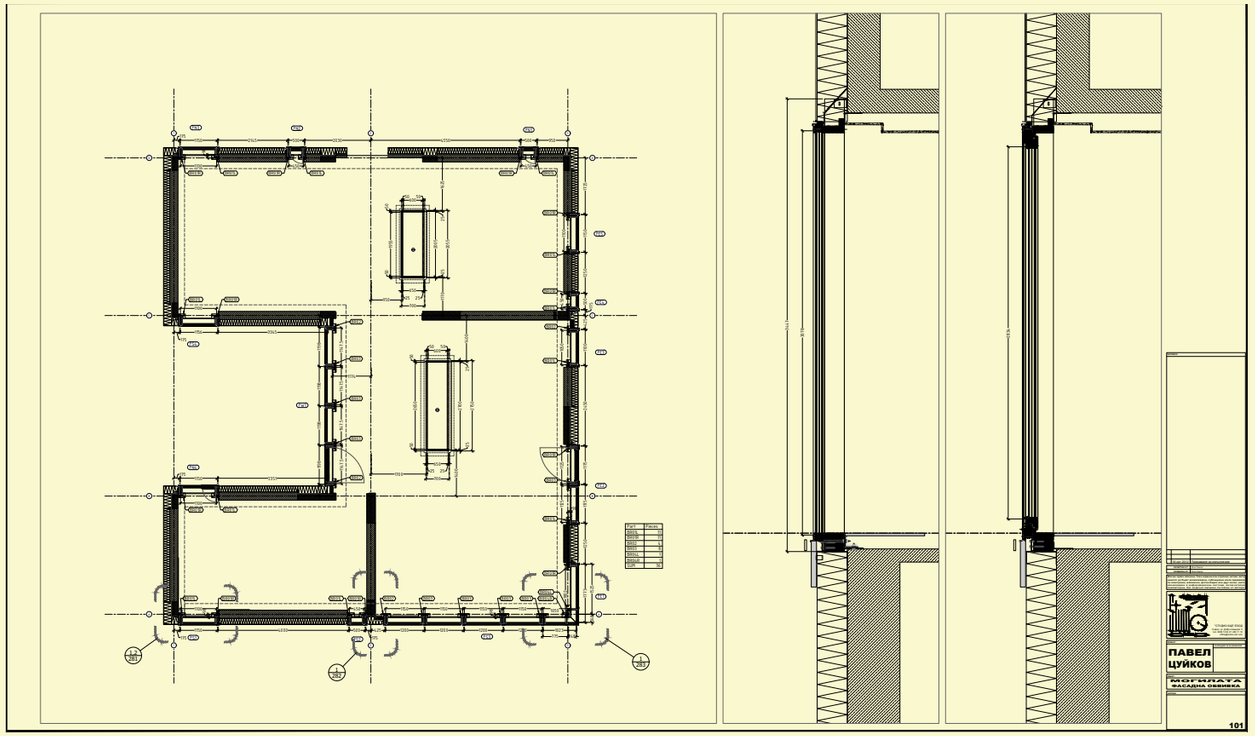
Location:	Bezden, Bulgaria
Date of completion:	2012
Area:	120 m^2
Shop Drawings:	XX pcs @ ARCH D
Cut Sheets:	XX pcs
Contractor:	Pavel Tsuikov

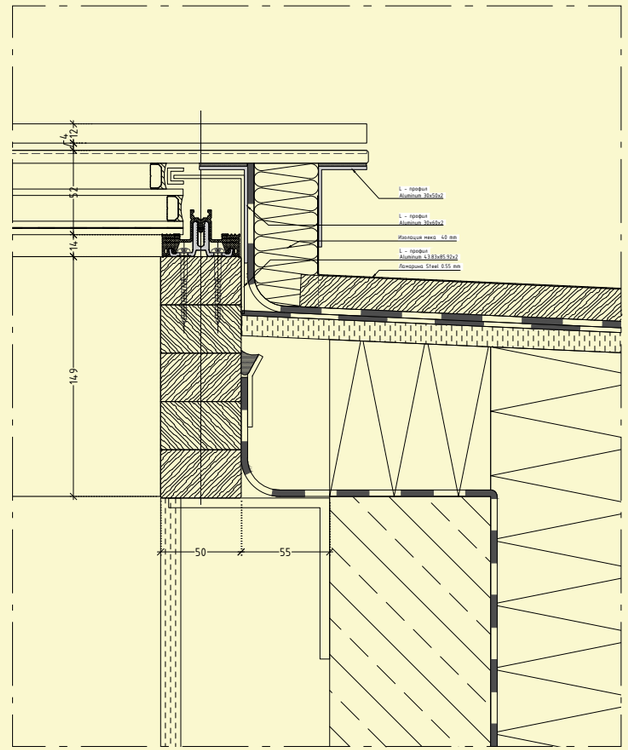






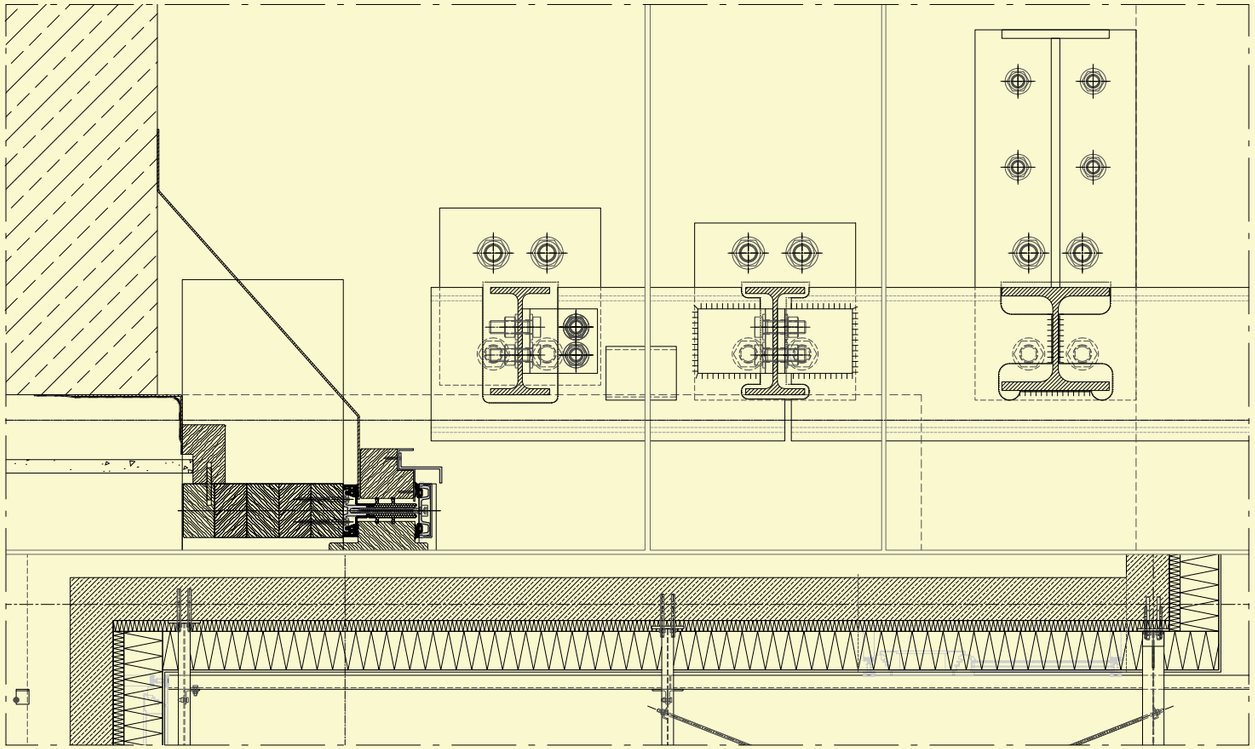


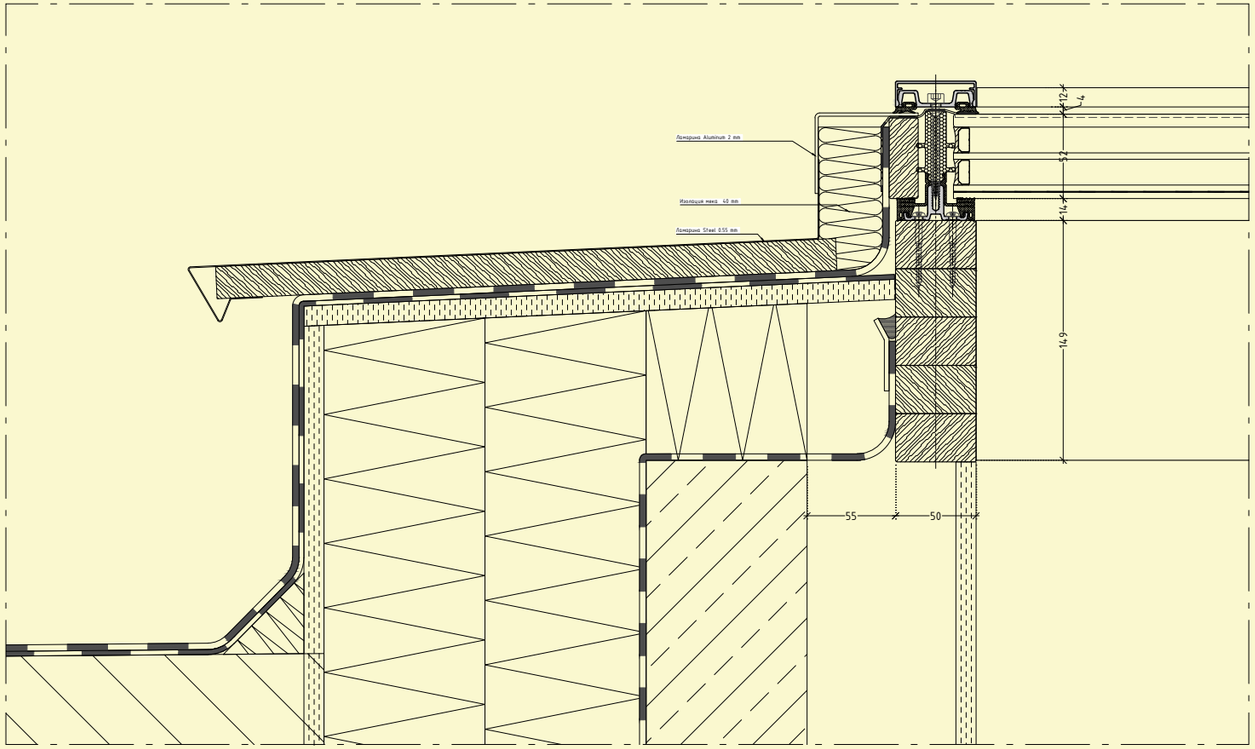




Scope of Services:

Shop drawings & Workshop drawings for:
Sheet metal
Curtain wall




Ламарина Aluminum 2 mm
Изолация минв. 60 mm
Ламарина Steel 0.55 mm
12
4
52
14
149
55
50















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graphic design by: Ivan Pashov

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REV 01