Test Project

Painting and Decorating

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WSC2026_TP22_en

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Introduction to Test Project

The Test Project for painting and decorating consists of:

- Painting a door
- Colour-bands
- Wallpaper hanging
- Decoration
- Lettering
- Free painting techniques

Shanghai

Shanghai is China's largest urban area and a major global hub for finance, trade, technology, transport, and culture. Located at the Yangtze River estuary, it's split by the Huangpu River into historic Puxi and modern Pudong.

The city grew from a fishing village into a major port in the 19th century, became a cosmopolitan centre with foreign concessions, declined during mid-20th-century isolation, and surged again after 1990s reforms—especially with Pudong's rapid development.

Today, Shanghai has nearly 25 million residents, the world's busiest container port, China's largest metro system, and iconic landmarks like The Bund, Lujiazui skyline, and Shanghai Tower. It's also home to top universities, diverse cuisine, and a blend of traditional Wuyue and modern Haipai culture.



Description of project and tasks

The Competitor must carry out, independently, the following tasks:

- All preparations of base walls and woodwork
- Application of water-based filler, primer, undercoat, semi, and gloss finish
- Application with filling tools, paintbrush, paint roller and HVLP spray gun
- Preparation and application of wall hangings
- Drawing and attaching a design
- Attaching lettering and signs
- Measuring points
- Painting of colour bands
- Application of a free painting technique of the Competitors own choice
- Materials and tools for free technique must be brought by the Competitor.
- Prefabricated parts are allowed

Instructions to the Competitor

Workbox size for the Competitor: 2.0 m x 2.40 m and 4.0 m wide and 2.40 m high.
Between the corners of Wall A and Wall B/Wall B 90 degree.
Open on the front side (facing the visitors).
Wall A (2.00 m x 2.40 m) for door and wallpaper hanging.
Wall B (4.00 m x 2.40 m) for decoration design and lettering, wallpaper hanging, colour designs and free painting technique.

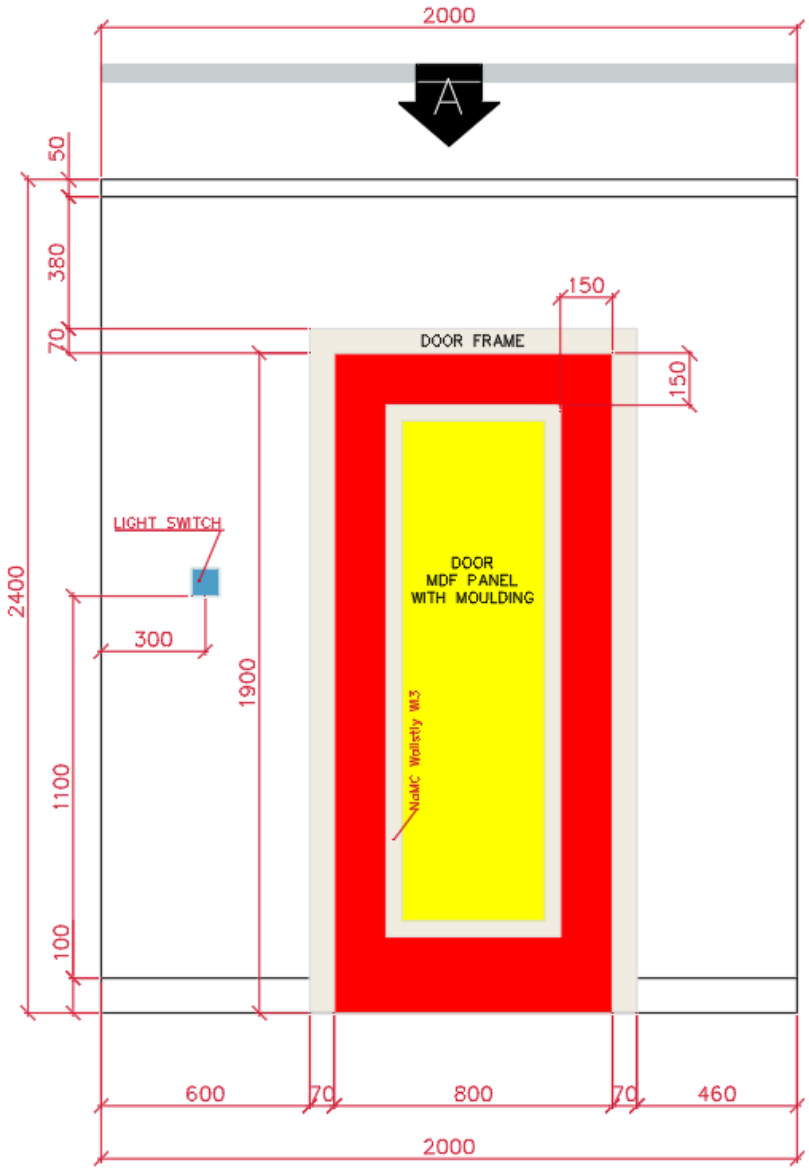
- Decoration design, lettering, and measuring (approx. 9 hours)
- Painting door (approx. 6 hours)
- Hanging wallpaper (approx. 2.5 hours)
- Free technique – demonstrate personal abilities (approx. 2 hours)
- Painting colour designs and measuring (approx. 1.5 hours)

Total time 21 hours

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Wall A – Door with moulding

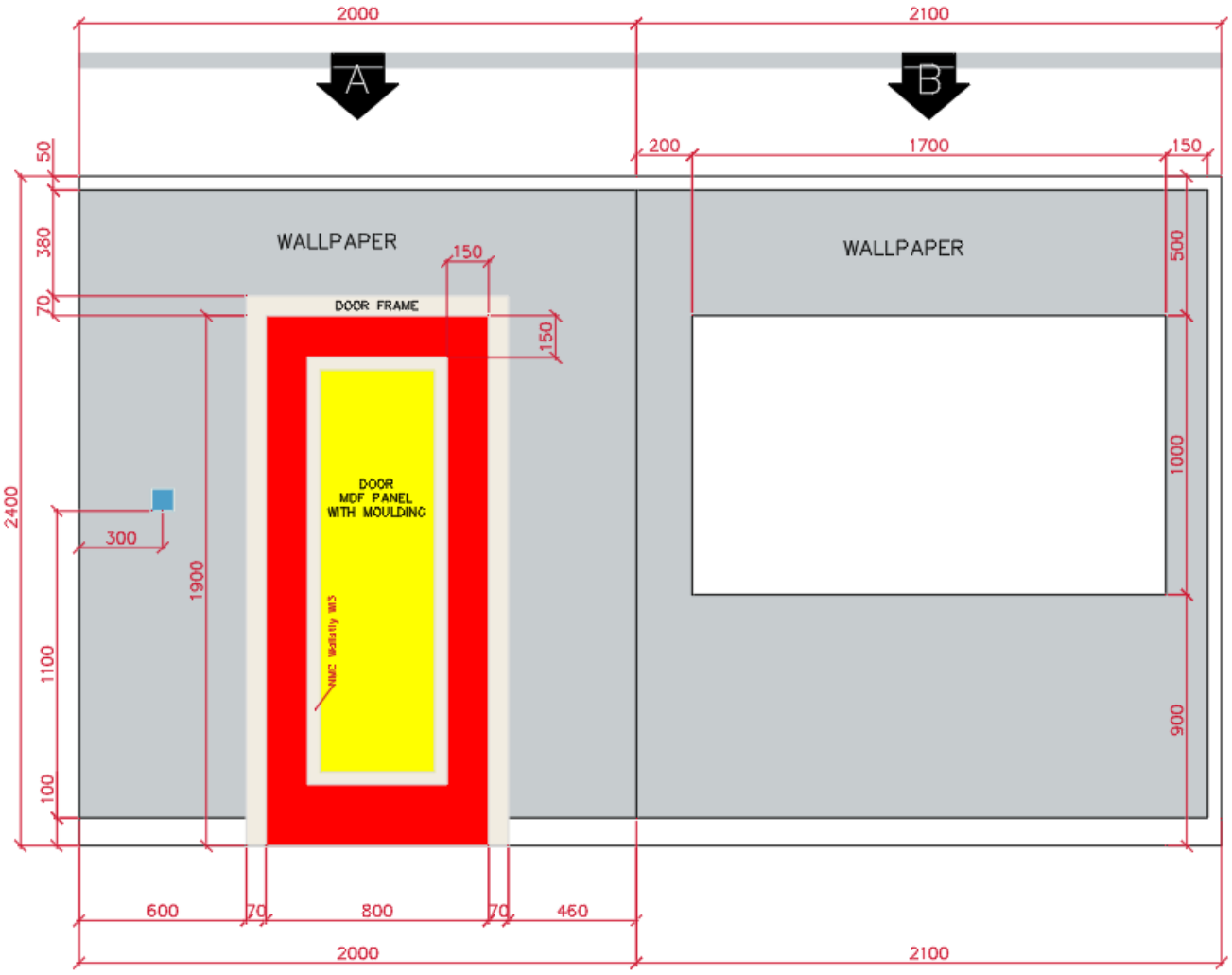
Surfaces are pre-coated. Abrade smooth, undercoat, and apply gloss or semi-gloss finish. If necessary, you can fill the door with your own filler on the preparation day.
Door may be removed for filling and sanding, but it must be **upright** for painting. If the door is being painted when it is not hanging on hinges it must stand inside the Competitors work area. Hinges may be taped or removed and must be replaced before the end of the Ctesompetition.
The paint for the outside of the moulding/section may be applied with a roller, brush, or paint pad. Spatulas or other painters' tools are not allowed. (Colour 1)
The moulding needs to be painted by brush. (Colour 2)
The inside panel of the door must be masked, and paint applied by HVLP spray gun (Colour 3)
Time to finish: Day 1 to day 3.



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Wall A and B – Wallpaper

The corner must be cut and must have an overlap between 2 mm – 10 mm.
The measurements of the panel and the areas to apply the wallpaper are given on the plan. The work area is constructed from plasterboard/MDF or similar and is prepared. The surface must be prepared professionally in advance to allow for perfect papering of the wall (you may apply a sealer, glue size or PVA).
The wallpaper must be cut in the corners/angles. The glue/adhesive will be prepared by the workshop manager Prepare the panel. Hang wallpaper as per drawing. The paper must be matched correctly and hung vertically. Everybody will get two (2) rolls. Top beading, door frame and skirting must be kept clean.
Time to finish: End of day 1



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Wall B – Design

The wall is ready painted with white colour.

Design: The measurements of the panel are 1700 mm x 1000 mm. The panel is made from plasterboard/MDF or similar and will have already been given an undercoat (white dispersion).

Construction of a given design and freehand painting without the use of masking tapes, masking films or masking shields. E.g., using paintbrush, roller, and mahl stick/painter ruler.

All original colours will be provided and must be applied as shown on the colour schedule.

The Design must not be drawn using a marker pen, only with a pencil. Guidelines should not be visible. It is not permitted to scratch with a knife before or after painting!

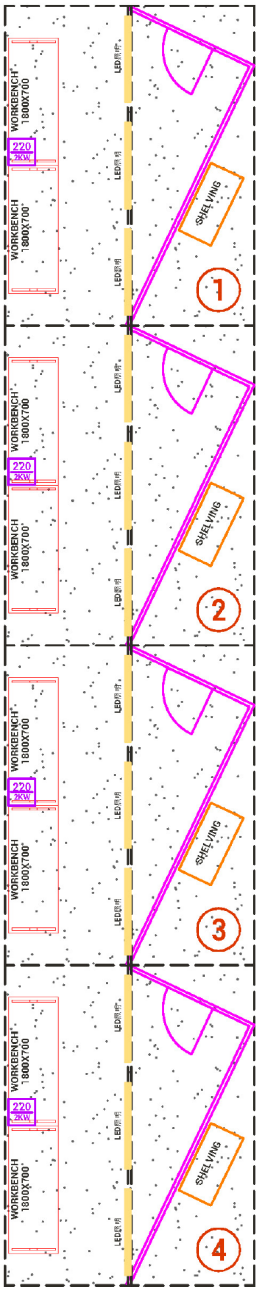
Lettering

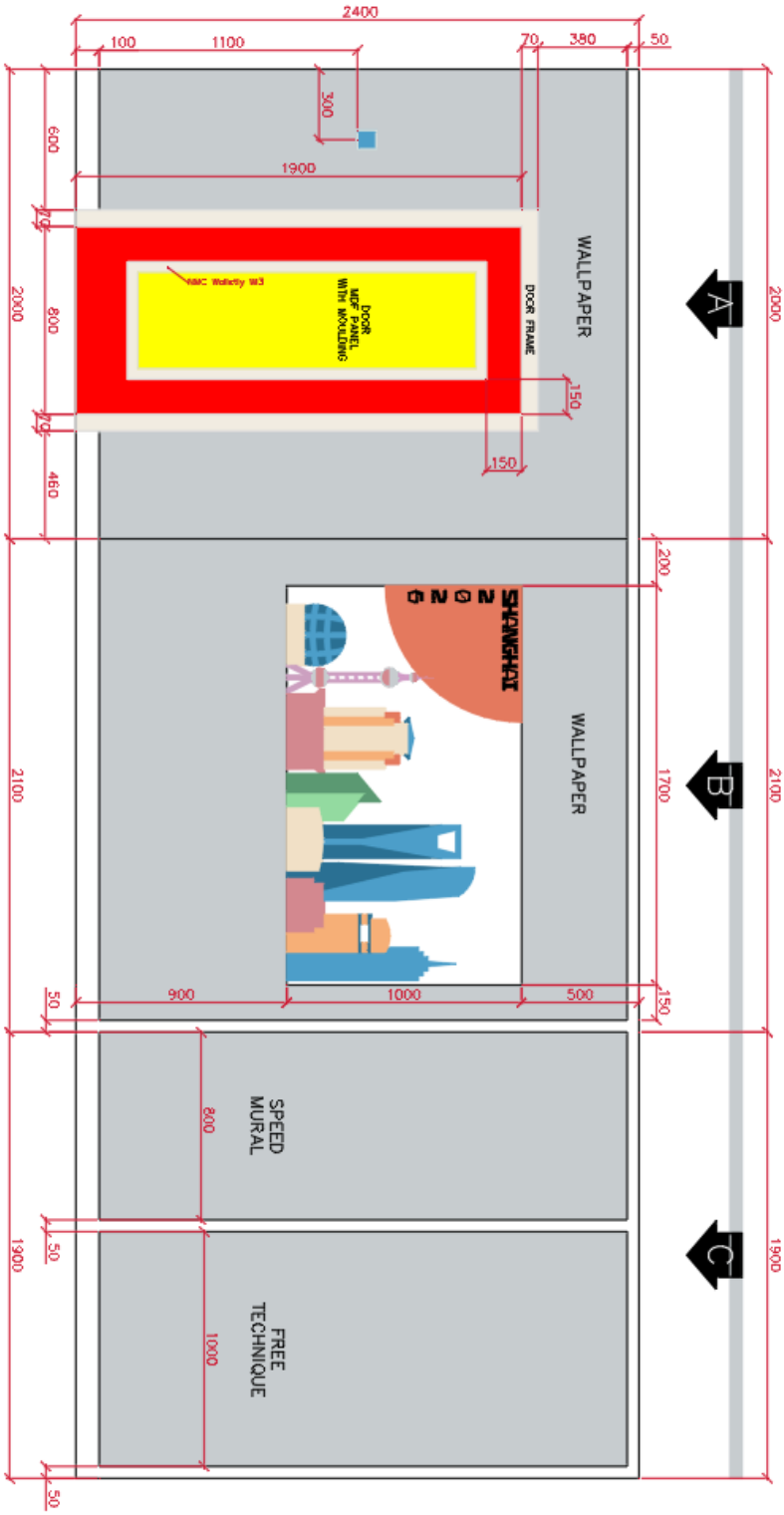
The lettering "Shanghai" and "2026" will be provided 1:1 as an already cut sign mask film and must be painted in the given colour.

Time to finish: Day 1 to day 3 Lettering (Shanghai and 2026)
Day 1 to day 4 Design

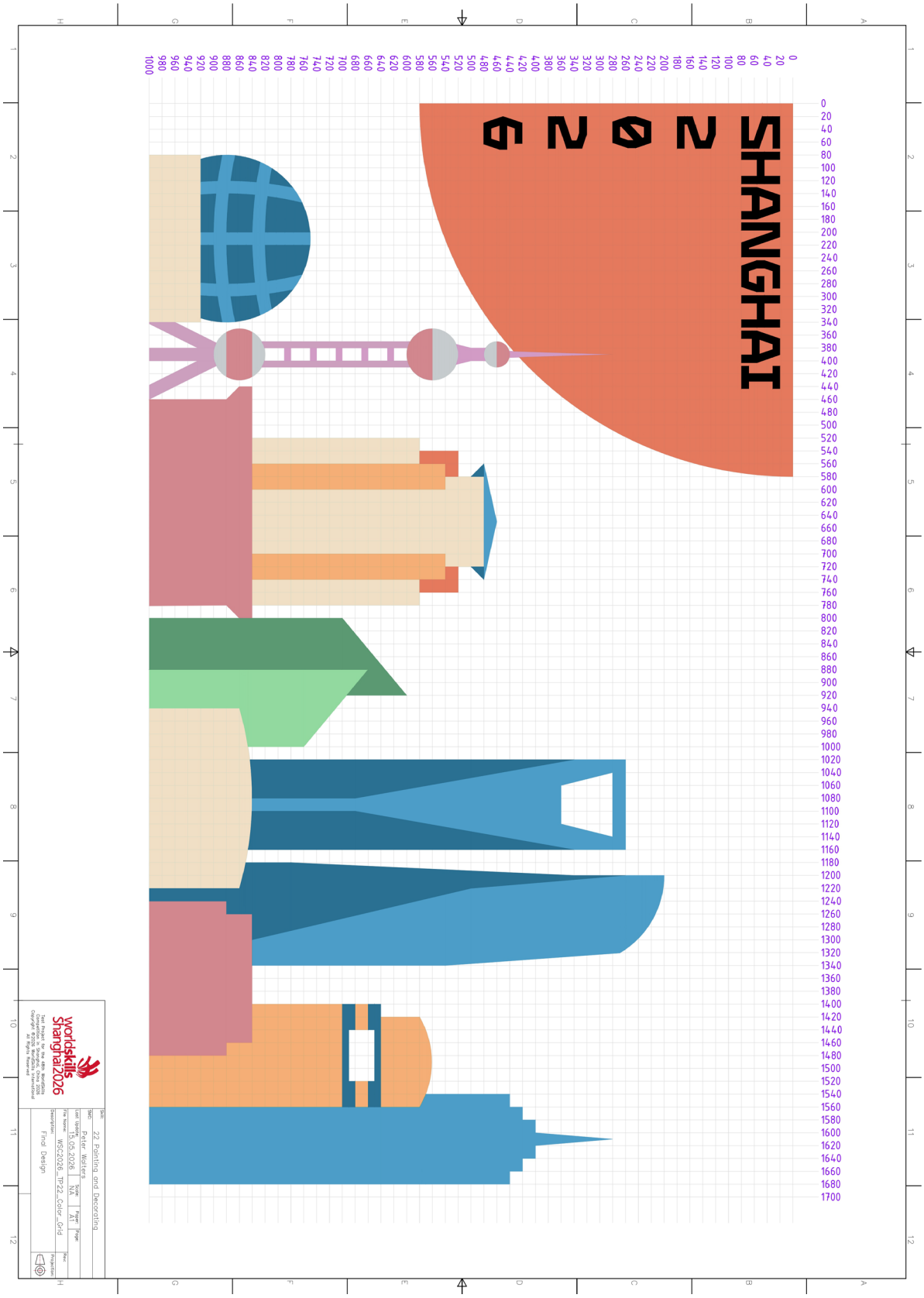


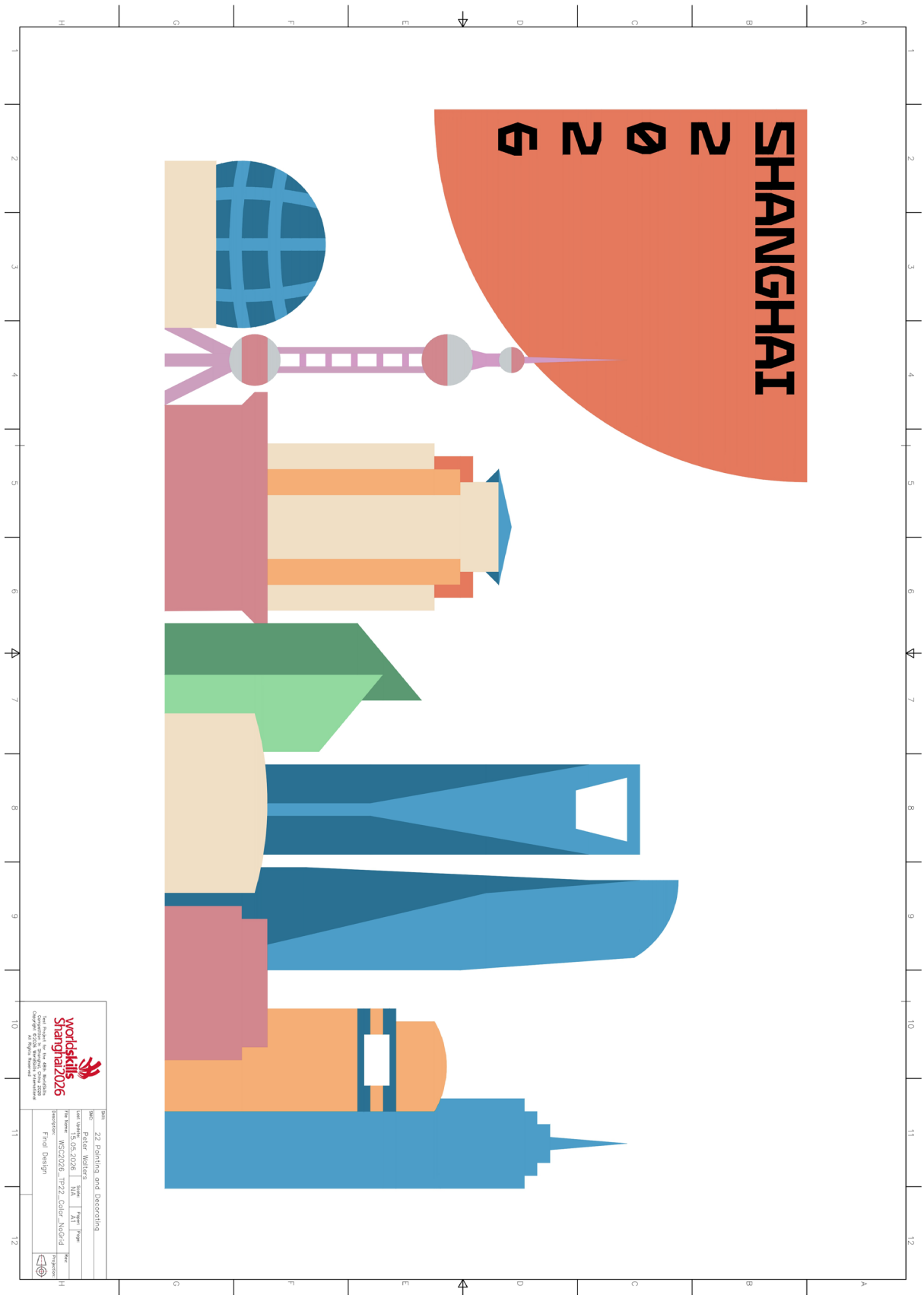
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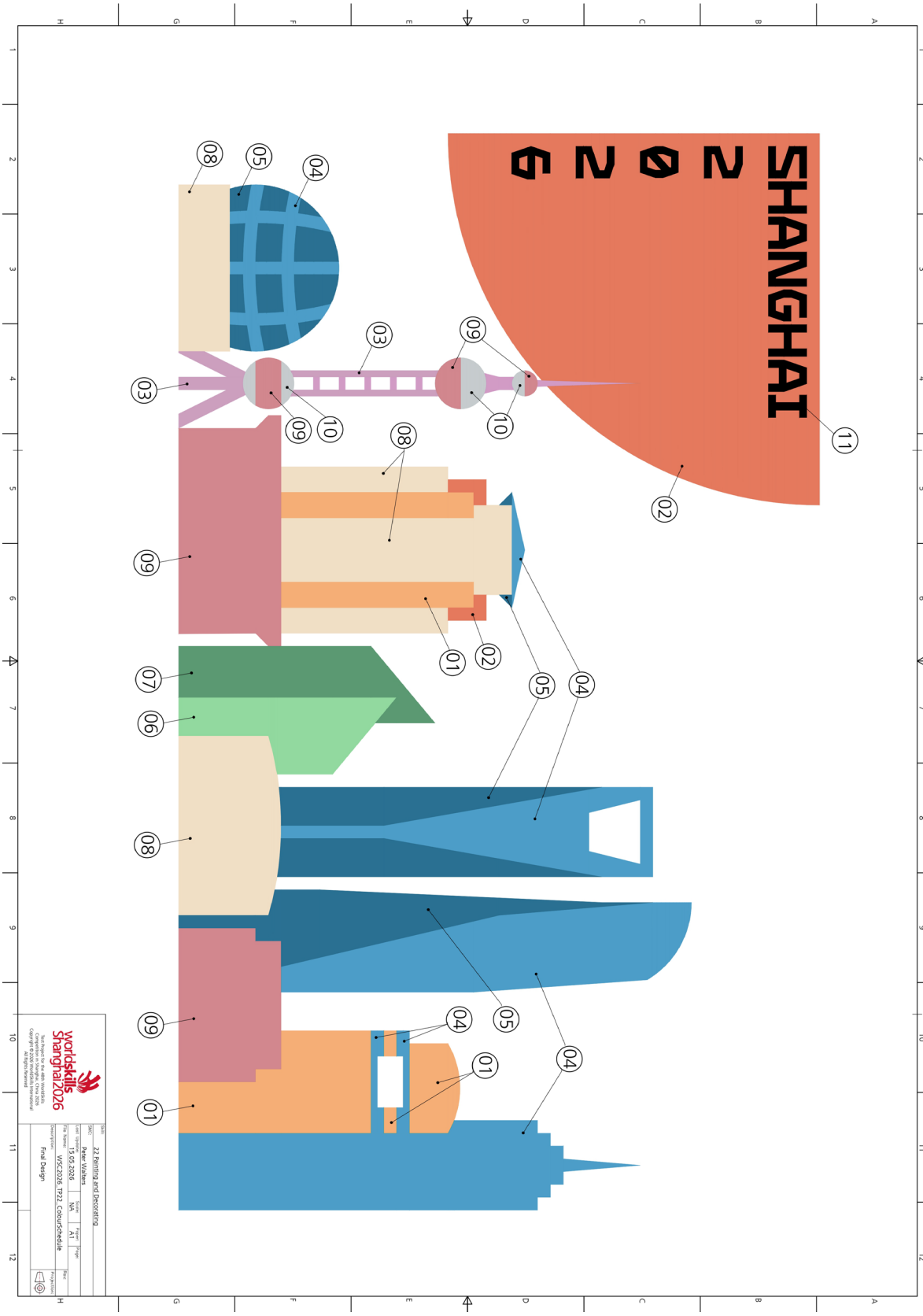




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SHANGHAI
2026
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Shanghai2026
Final Design
WSC2026_TP22_Color_Grid
15.05.2026
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NA
A1
22 Painting and Decorating


SHANGHAI
2026
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Shanghai2026
Skill: 22 Painting and Decoration
SMC: Peter Walters
Last Update: 15.05.2026
File Name: WSC2026_TP22_Color_Model
Type: A1
Paper:
Description: Final Design
Projection:
Rev:



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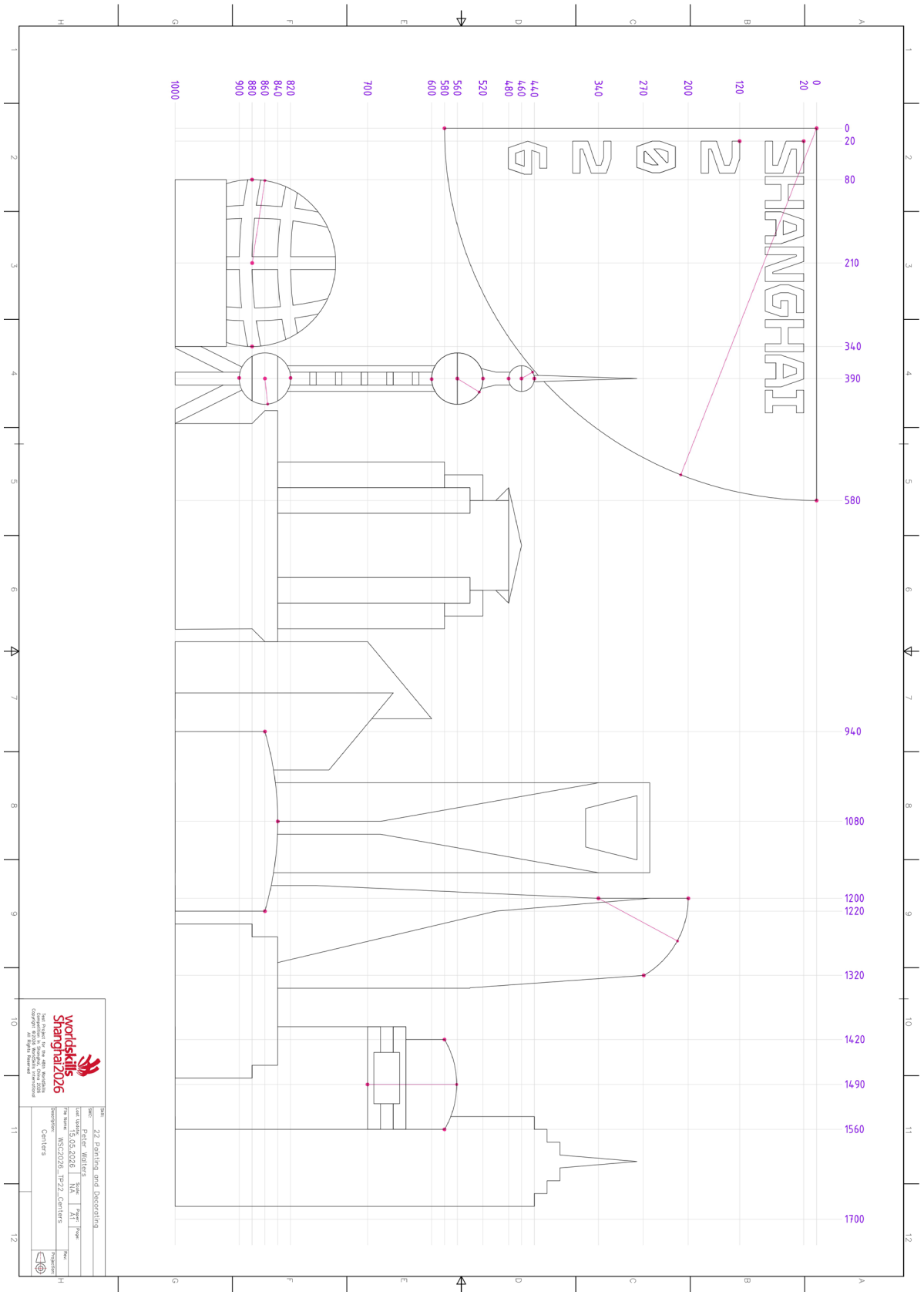
Design colour schedule

NO	CODE
1	ON2770-3
2	ON0009-2
3	VC0060-3
4	BC6730-2
5	BC0027-1
6	GC4620-3
7	GC4590-2
8	NN4751-4
9	RN0570-3
10	NN0345-4
11	BLACK

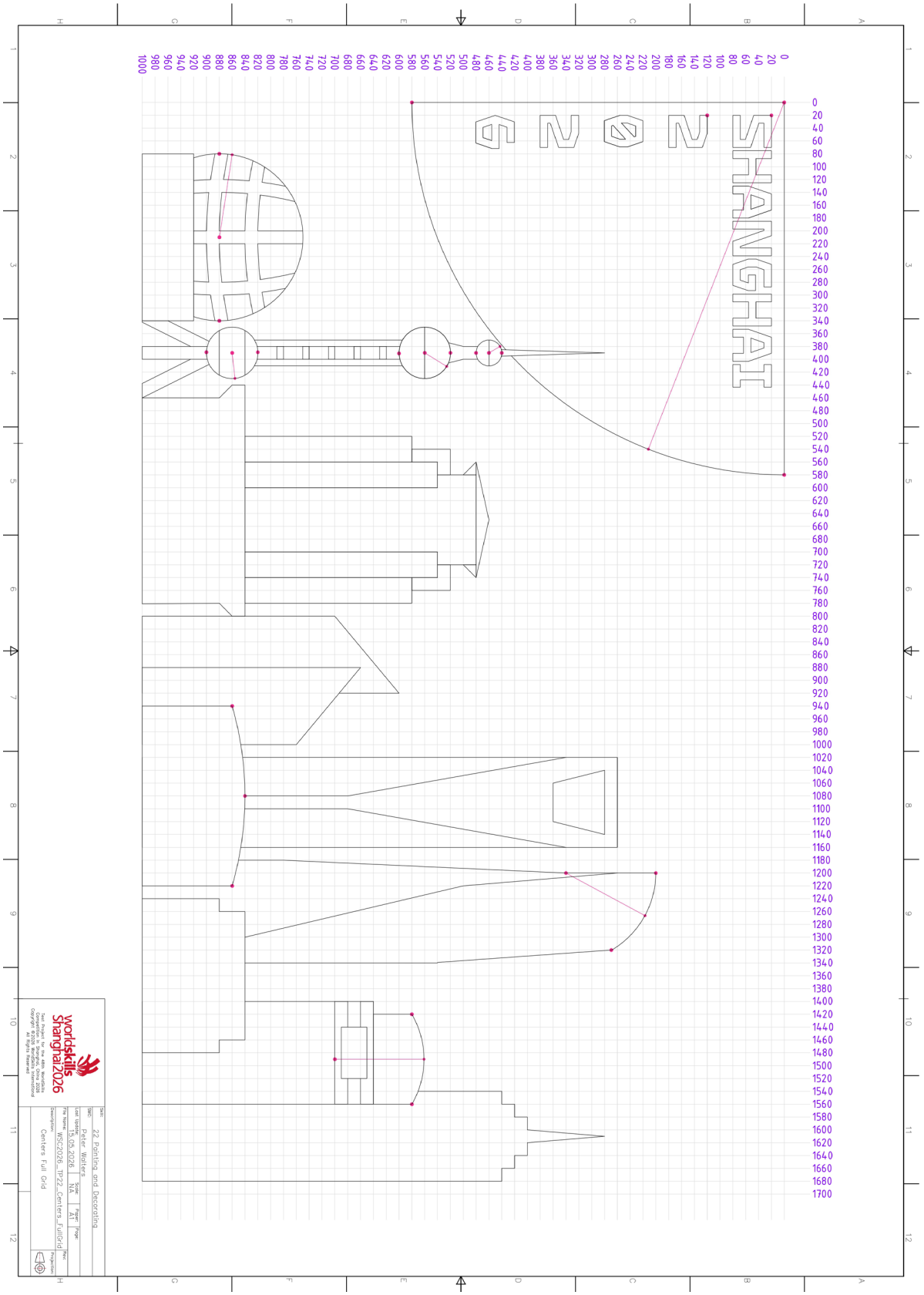
Door colour schedule

COLOUR	CODE
White	OW033-4
Yellow	YA8700-1
Red	RA8000-1

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Centers Full Grid
SHANGHAI 2026

Wall B – Speed mural

Wall: (the wall is ready painted, white colour)

Colour design:

The measurements of the panel are 800 mm x 2400 mm. The working area is manufactured from plasterboard/MDF or similar and will have been given an undercoat (white dispersion).

Experts must draw the mural for Module 5 during the preparation days at the Competition (C-2 to C-1). The Experts need to choose from a minimum of two (2).

Maximum of four (4) murals, which will be prepared at the competition and be designed so that there is no wet paint on wet paint.

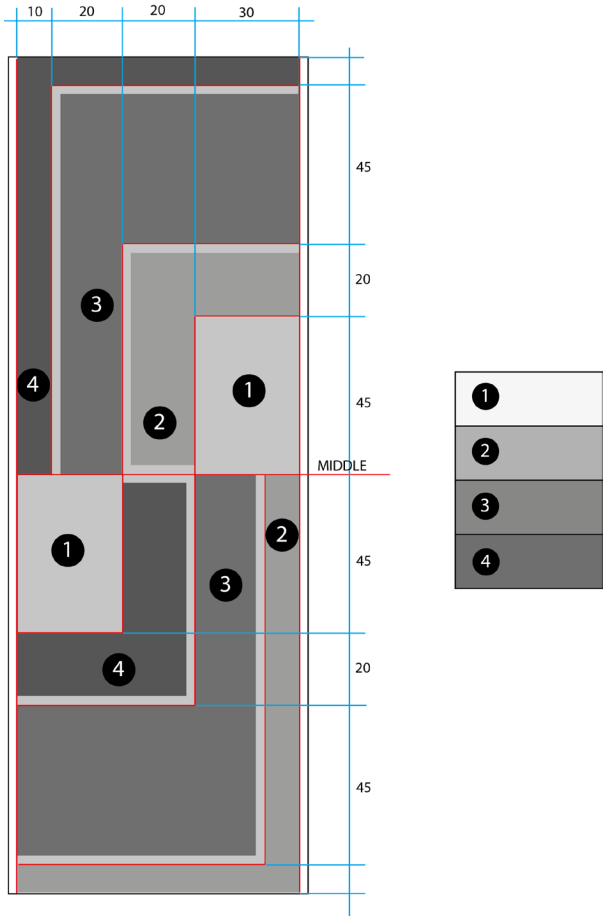
Colour matching

Mixing of two (2) predetermined colours (1 and 4) and in harmonic nuances. (Two (2) coloured grading.)

Construction of a given design on the panel and paint the sections with three (3) colours according to the plan. The sections must be masked by tape.

Time: Day 1, Colour mixing, preparation background

Day 2, harmony design



This design is only an example!

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Wall B – Free Technique

Application of a decorative painting technique chosen by the Competitor. Materials/tools for this exercise must be brought by the Competitor.
No wallpaper or glass fibre are allowed.
Also, elements in three-dimensions are not allowed.
Prefabricated templates are allowed (ready cut masking film).
The whole dimensional area must be covered by a manual technique. The use of pre-prepared materials for projection is permitted, however all techniques must be applied manually. The projection of a pattern via beamer or similar appliance must be done within the provided workspace. All the work must be done within the work booth, which the Competitor must not leave.
The free technique Module must include an info sheet, this is to be brought along to the Competition and include the following points:

- Competitor name and country/region.
- Applied materials for the free technique (only water-based material).
- Layout for the free technique, without dimensions.

This Info sheet must be given to the Chief Expert before the start the Competition. It will be appraised in Module 3.
Layout for the free technique with coloured draft (plan) or coloured, printed photo, without dimensions. The Competitor needs to use the whole surface of the free technique panel.
Time to finish: Day 1 to day 3
Total working time: 21 hours

Equipment, machinery, installations, and materials required

ITEM	QUANTITY	MATERIAL	DESCRIPTION
Paintwork			
Industry work clothing	Min 1	White cotton	Protection of upper and lower body
Safety shoes	1 pair		Steel toe cap
Ear protection	1		
Dust mask P2/P3	1		
Paint gloves (thin)	4+		
Filling knives/spatulas	Assortment		
Paintbrushes for acrylic paints	Assortment		
Paint rollers for acrylic paints	Assortment		
Paint pots\containers	6		1 litre approx. for colour mixing
Abrasives	Assortment for mechanical and hand abrading		
Drawing and Sign work			
Soft and hard drawing pencils	Assortment		
Set squares, rulers and drawing aids	Assortment		
Compasses/trammels	1		
Spirit/water level	1		
Sign writing brushes (sables, one strokes, chisel etc)	Assortment		
Colour design			

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ITEM	QUANTITY	MATERIAL	DESCRIPTION
Paint brushes	Assortment		
Paint pots	Assortment		
Air heater	1		
Extension lead	1		
Spirit level	1		
Free painting technique			
Design, drawing photograph for free technique.			
Tools required to complete technique			
Masking material/tape	Assortment		
Wallpaper hanging			
Paperhanging brush/ spatula	1		
Paperhanging tools (pasting brush/roller, snap off blade knife, plumb-bob, decorators sponge)	1 of each		

Other

- For Competitors: no use of mobile phones during the work on the Competition floor.
- You are allowed to use digital music players during the Competition.
- Eating food and drinking is not allowed on the Competition floor (water and snacks are).
- You need to always wear personal protection, and when necessary.
- Wear appropriate work clothing.
- Safety Shoes must be always worn in work areas and Competition work bays.
- Cleaning of the working area, tools and equipment carried out after Competition time.
- For Experts: no use of mobile phones in the vicinity of the Competitors.
- Experts must give the Competitors space on the Competition floor, to do their work

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