a common perspective **rulebook**



INFRASTRUCTURE

automobile/people

ARCHITECTURE

LANDSCAPE









INFRASTRUCTURE

automobile/people



a common perspective infrastructure

INFRASTRUCTURE

automobile



description : *three lane road*

use : artery route for all forms of traffic

purpose : 1) keep the freeway narrow 2) split up the freeway 3) artery route for the city of Bogota

sources :

precedents : flamengo parque



description : *two lane road*

use : 1) bus lanes 2) feeder route

purpose : 1) differentiate the bus lane from the freeway 2) split up the freeway 3) artery route for the city of Bogota 4) allow automobiles to access the freeway

sources :

precedents : flamengo parque



INFRASTRUCTURE

bridge

a common perspective infrastructure



sections



description : bridge section

use : *pedestrian route crossing the freeway*

purpose : 1) increase pedestrian connectivity between Suba and Usaquen 2) streamline the pedestrian movement 3) distance pedestrian (physically/visually) from the freeway 4) provide shade

sources :



description : bridge ramp

use : vertical access pedestrian route

purpose : 1) access the web of bridges crossing the freeway 2) funnel pedestrian movement from one side to the other 3) link the bridge to the pedestrian movement on each side 4) provide shade

sources :

a common perspective infrastructure



connections



description : *sharp bridge corner*

use : corner between two fragments

purpose : 1) guide movement across the bridge 2) dissuade from taking shorter route

precedents : Twisted Valley - Grupo Aranea



description : *curved bridge corner*

use : corner between two fragments

purpose : 1) guide movement across the bridge 2) persuade movement around the corner

precedents : Twisted Valley - Grupo Aranea

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fragment



description : *typical bridge fragment*

use : *pedestrian bridge + ramp*

purpose : 1) basic building block for the bridge 2) create easy assembly 3) sharp section contrasts curves of the bridge 4) slanted and closed sides to funnel movement 5) closed sides to safeguard pedestrian 6) focus view on bridge and buildings



description : *typical bridge fragment*

use : *pedestrian bridge + ramp*

purpose : 1) allow for an easy buildup of each bridge section/ ramp 2) dark colour on outside to blend in with the environment 3) light interior colour to attract pedestrians



description : *prefab elements of bridge fragment*

use : *pedestrian bridge + ramp*

purpose : 1) allow for easy assembly of bridge fragments 2) easy transportation



description : *bridge fragment side*

use : *pedestrian bridge + ramp*

purpose : 1) allow for an easy buildup of each bridge section/ ramp 2) dark colour on outside to blend in with the environment 3) light interior colour to attract pedestrians 4) slanted side allows rain to drip off



description : *prefab base of bridge fragment*

use : bridge fragment

purpose : 1) allow for easy assembly of bridge fragments 2) easy transportation 3) hollow core allows for maintenance



description : round columns

use : *pedestrian bridge + ramp*

purpose : 1) carry the bridge sections 2) blend in with the landscape

precedents : faceted concrete bridge - 2b Architectes ; Twisted Valley - Grupo Aranea



description : bridge plus added detail

use : *pedestrian bridge + ramp*

purpose : 1) accommodate use of the bridge by pedestrians 2) attract users

sources :

a common perspective infrastructure



description : prefab floor element

use : bridge fragment

purpose : 1) allow for easy assembly of bridge fragments 2) allow for water to flow under floor panel 3) allow for access of maintenance chambers



description : glowrail

use : bridge fragment

purpose : 1) accommodate use of the bridge by pedestrians 2) light up slanted bridge sides 3) provide pleasant crossing at all times

precedents : Orange steel bridge - Maximina Almeida + Telmo Cruz



description : LED lighting

use : bridge fragment

purpose : 1) light up the walkway of the bridge 2) provide pleasant crossing at all times

precedents : *faceted concrete bridge - 2b Architectes*

ARCHITECTURE

a common perspective architecture



types



description : *three sided architectural structure*

use : *landmark/new function*

rules : 1) smaller and centre structure may have three sides 2) openings only on the ground floor 3) openings of 3,5m height

purpose : 1) dynamic focal point 2) landmark for automobiles on the freeway 3) create structure which can house a function which will attract movement in between structures and the neighbourhoods

precedents : *Torres de Satélite - Barragan; Buda Art Centre - 51N4E*



description : *four sided architectural structure*

use : *landmark/ new function*

rules : 1) larger structures have four sides 2) openings only on the ground floor 3) openings of 3,5m height

purpose : 1) dynamic focal point 2) landmark for automobiles on the freeway 3) create structure which can house functions which will attract movement in between structures and the neighbourhoods

precedents : *Torres de Satélite - Barragan ; Buda Art Centre - 51N4E*



description : *facade of the three sided architectural structure*

use : *landmark/new function*

rules : 1) one perforated facade 2) shifted brick on the ground floor up to 3,5m

purpose : 1) dynamic focal point 2) added level of detail on the ground floor 3) one perforated facade allows for light to enter the structure

precedents : Buda Art Centre - 51N4E ; Bishop Edward King Chapel - Niall McLaughlin Architects



description : facade of the four sided architectural structure

use : *landmark/ new function*

rules : 1) two perforated facades 2) shifted brick on the ground floor up to 3,5m

purpose : 1) dynamic focal point 2) added level of detail on the ground floor 3) two perforated facades allows for light to enter the structure

precedents : Buda Art Centre - 51N4E ; Bishop Edward King Chapel - Niall McLaughlin Architects



description : all the structures in the site

use : *landmark/ new function*

purpose : 1) dynamic focal point 2) landmark for automobiles on the freeway 3) create structure which can house functions which will attract movement in between structures and the neighbourhoods

precedents : *Torres de Satélite - Barragan ; Buda Art Centre - 51N4E*



description : four sided architectural structures in Usaquén

use : landmark/new function

purpose : 1) dynamic focal point 2) landmark for automobiles on the freeway 3) create structure which can house a function which will attract movement in between structures and the neighbourhoods 4) reacts to the scale of the existing buildings in Usaquén

precedents : *Torres de Satélite - Barragan ; Buda Art Centre - 51N4E*
a common perspective architecture



description : architectural structures in new pedestrian stroke

use : *landmark/new function*

purpose : 1) dynamic focal point 2) landmark for automobiles on the freeway 3) create structure which can house a function which will attract movement in between structures and the neighbourhoods 4) mixture of scales provide variety to middle stroke

precedents : *Torres de Satélite - Barragan ; Buda Art Centre - 51N4E*











use : *landmark/new function*

purpose : 1) dynamic focal point 2) landmark for automobiles on the freeway 3) create structure which can house a function which will attract movement in between structures and the neighbourhoods 4) reacts to the scale of the existing buildings in Suba

precedents : *Torres de Satélite - Barragan ; Buda Art Centre - 51N4E*



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description : engineering brick $330 \times 155 \times 65$ ($l \times d \times h$)

use : architectural structures

purpose : 1) unify all the new structures 2) strong building block 3) limit water absorption 4) familiar building material in Bogotá



facade rules

a common perspective architecture



perforated brick facade









closed brick corner



closed brick facade



perforated brick facade opening

closed brick facade_shifted

closed brick facade opening



closed brick corner_shifted







perforated/closed brick corner



perforated/closed brick corner_shifted





Hannah Barth Studio Bogotá

description : *perforated brick facade*

use : *architectural structures*

rules : 1) use engineering brick $330 \times 155 \times 65$ ($| \times d \times h \rangle$ 2) 10mm deep mortar 3) english bond 4) every other header taken out to create perforated facade

purpose : 1) allow light to enter structure 2) allow light to emit from structure

precedents : Termitary House - Tropical Space

description : *closed brick facade*

use : *architectural structures*

rules : 1) use engineering brick 330 x 155 x 65 (l x d x h) 2) 10mm deep mortar 3) 1/3 running bond 4) header every 5th course

purpose : 1) header for structure and stability 2) visually lengthen the facade 3) add detail to the closed facade

precedents : house BVA - dmvA architecten

a common perspective architecture





description : *perforated brick facade*_*shifted*

use : *architectural structures*

rules : 1) use engineering brick 330 x 155 x 65 (l x d x h) 2) 10mm deep mortar 3) english bond 4) every other header taken out to create perforated facade 5) shift the headers outward 6) only up till 3,5m

purpose : 1) allow light to enter structure 2) allow light to emit from structure 3) add detail to the ground level of the facade

precedents : Vivienda Social Z53 - MAP/MX + Grupo Nodus

description : *closed brick facade_shifted*

use : architectural structures

rules : 1) use engineering brick 330 x 150 x 65 (l x d x h) 2) 10mm deep mortar 3) header every other row 4) shift header outward

purpose : 1) header for structure and stability 2) visually lengthen the facade 3) add depth to the closed facade

precedents : *HC* Ørstedsværket Transformer Station & Borgergade District Cooling Plant - Gottlieb Paludan Architects





Hannah Barth Studio Bogotá

description : *perforated brick facade opening*

use : *architectural structures*

rules : 1) use engineering brick $330 \times 155 \times 65$ ($| \times d \times h \rangle$ 2) 10mm deep mortar 3) english bond 4) every other header taken out to create perforated facade 5) place header along opening with a small shift

purpose : 1) allow light to enter structure 2) allow light to emit from structure 3) add detail and depth to the facade 4) add detail and depth to the opening

precedents : Vivienda Social Z53 - MAP/MX + Grupo Nodus; Termitary House - Tropical Space

description : *closed brick facade_shifted*

use : architectural structures

rules : 1) use engineering brick 330 x 150 x 65 (l x d x h) 2) 10mm deep mortar 3) header every other row 4) shift header outward

purpose : 1) header for structure and stability 2) visually lengthen the facade 3) add depth to the closed facade 4) add detail and depth to the opening

precedents : *HC* Ørstedsværket Transformer Station & Borgergade District Cooling Plant - Gottlieb Paludan Architects

a common perspective architecture





description : *perforated brick corner*

use : *architectural structures*

rules : 1) use engineering brick 330 x 155 x 65 (l x d x h) 2) 10mm deep mortar 3) english bond 4) every other header taken out to create perforated facade 5) place header on corner 6) cut head of stretcher to angle of corner 7) header on the corner

purpose : 1) allow light to enter structure 2) allow light to emit from structure 3) add detail and depth to the corner

precedents : Termitary House - Tropical Space

description : *closed brick facade corner*

use : architectural structures

rules : 1) use engineering brick 330 x 150 x 65 (l x d x h) 2) 10mm deep mortar 3) 1/3 running bond 4) header every 5th course 5) stretcher sticks out at corner

purpose : 1) header for structure and stability 2) visually lengthen the facade 3) add depth to the closed facade corner

precedents : *Kino Rotterdam - Studio Steenbruggen; house BVA - dmvA architecten*





description : *perforated brick corner shifted*

use : architectural structures

rules : 1) use engineering brick 330 x 155 x 65 (l x d x h) 2) 10mm deep mortar 3) english bond 4) every other header taken out to create perforated facade 5) header on corner 6) cut head of stretcher to angle of corner

purpose : 1) allow light to enter structure 2) allow light to emit from structure 3) add detail and depth to the corner

precedents : Vivienda Social Z53 - MAP/MX + Grupo Nodus

description : closed brick facade corner_shifted

use : architectural structures

rules : 1) use engineering brick 330 x 150 x 65 (l x d x h) 2) 10mm deep mortar 3) 1/3 running bond 4) header every 5th course 5) stretcher sticks out at corner 6) cut header to angle of corner

purpose : 1) header for structure and stability 2) visually lengthen the facade 3) add depth to the closed facade 4) add depth to the corner

precedents : *Kino Rotterdam - Studio Steenbruggen; HC Ørstedsværket Transformer Station & Borgergade District Cooling Plant - Gottlieb Paludan Architects*

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description : perforated/closed brick corner

use : *architectural structures*

rules : 1) stretcher and header of closed facade sticks out at corner 2) cut stretcher of perforated facade to angle of corner

purpose : 1) closed facade flows over into perforated facade 2) add depth and detail to corner

precedents : *Kino Rotterdam - Studio Steenbruggen; Termitary House - Tropical Space*

description : perforated/closed brick corner shifted

use : architectural structures

rules : 1) stretcher and header of closed facade sticks out at corner 2) cut stretcher of perforated facade to angle of corner

purpose : 1) closed facade flows over into perforated facade 2) add depth and detail to corner

precedents : *Kino Rotterdam - Studio Steenbruggen; Vivienda* Social Z53 - MAP/MX + Grupo Nodus; HC Ørstedsværket Transformer Station & Borgergade District Cooling Plant - Gottlieb Paludan Architects

LANDSCAPE

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a common perspective architecture





description : *patch of trees and plants*

use : between existing buildings and pedestrian spaces and/or the road and pedestrian spaces

rules : 1) slopes max. height of 1,5m 2) small slopes 3) varying plants and trees

purpose : 1) provide green barrier for the pedestrian 2) guide movement in pedestrian areas

precedents : Walk of the Town - TROP



description : half bench element with garden

use : along roads and/or on squares

rules : 1) slopes max. height of 1,0m 2) small slopes 3) varying plants and trees 4) bench along half of the garden

purpose : 1) green atmosphere 2) provide resting place



description : half bench element with garden

use : along roads and/or on squares

rules : 1) slopes max. height of 1,0m 2) small slopes 3) varying plants and trees 4) bench along half of the garden

purpose : 1) green atmosphere 2) provide resting place 3) shape pedestrian movement 4) barrier between routes 5) provide pleasant space at all times



description : bench element with garden

use : on squares/ along paths

rules : 1) slopes max. height of 1,0m 2) small slopes 3) varying plants and trees 4) benches along garden

purpose : 1) green atmosphere 2) provide resting place 3) shape pedestrian movement



description : bench element with garden

use : on squares/ along paths

rules : 1) slopes max. height of 1,0m 2) small slopes 3) varying plants and trees 4) benches along garden

purpose : 1) green atmosphere 2) provide resting place 3) shape pedestrian movement



description : garden element

use : on squares/ along paths

rules : 1) slopes max. height of 1,5m 2) small slopes 3) varying plants and trees

purpose : 1) green atmosphere 2) shape pedestrian movement 3) barrier between routes

precedents : Jardin de Montréal a Shanghai - Claude Cornier + Associés



description : *bench element with garden*

use : on squares/along paths

rules : 1) slopes max. height of 1,0m 2) small slopes 3) similar or varying plants and trees 4) lighting along edge

purpose : 1) green atmosphere 2) shape pedestrian movement 3) barrier between routes 4) provide pleasant space at all times



description : trees on square

use : on urban square

rules : 1) insert trees into square

purpose : 1) green atmosphere 2) guide movement over square

precedents : JErlentor Basel by Westpol



description : *axis with trees*

use : between roads

rules : 1) slopes max. height of 1,5m 2) stretched slopes 3) same trees

purpose : 1) barrier between roads 2) add green character to the streetscape

precedents : Parc de La Villette - Bernard Tschumi

a common perspective precedents







description : Parc de La Villette - Bernard Tschumi

use : urban park

purpose : 1) combines existing public functions in green setting 2) connects different parts of the city 3) follies provide points of recognition 4) axis' connect important parts of the city through the park 5) risen axis makes it possible to cross river









description : Stowe Garden by (among others) Capability Brown

use : landscape garden

purpose : 1) provide experience for pedestrian 2) uses landscape elements to focus attention 3) adds visual focal points











description : Parque do Flamengo - Burle Marx

use : park



purpose : 1) connects the city to the beach 2) creates parkway for the motorist 3) pleasant crossing for pedestrian





description : Las Torres de Satélite - Luís Barrágan, Jesús Reyes Ferreira, Mathias Goeritz

use : *dynamic landmark*

purpose : 1) eyecatcher 2) symbolise the starting point of the satellite city 3) dynamic shape changes with movement







description : Madrid Rio - West 8

use : *urban park*

purpose : 1) connects two neighbourhoods 2) creates new recreational destinations along the river 3) brings new attention to the river 4) park reacts differently in different areas of the city




description : *entrance to the Buda Art Centre - 51N4E*

use : entrance

purpose : 1) eyecatcher 2) create exterior exhibition space 3) become new facade for the renovated structure 4) gives foretaste of events inside 5) transition space from outside to inside





description : *Bishop Edward King Chapel - Niall McLaughlin Architects*

use : chapel



purpose : 1) smooth ground floor 2) add extra depth and detail to higher part of the building





description : *HC* Ørstedsværket Transformer Station & Borgergade District Cooling Plant - Gottlieb Paludan Architects

use : factory

purpose : 1) add depth to facade 2) create horizontal ribbon effect on facade







description : Termitary House - Tropical Space

use : home

purpose: 1) allows for natural ventilation 2) allows light to enter 3) allows light to emit from the building in the evening 4) the light intensity entering the building changes the colours of the bricks during the day



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description : house BVA - dmvA architecten

use : home

purpose : 1) solid material is explored in a knitting manner 2) running bond contrasts vertical open elements







description : Vivienda Social Z53 - MAP/MX + Grupo Nodus

use : homes

purpose : 1) add detail to the facade 2) combines structure and ornament to create a play between light and shadow







description : Kino Rotterdam - Studio Steenbruggen

use : facade

purpose : 1) solid material is explored in a knitting manner 2) running bond contrasts vertical open elements







description : bridges in Twisted Valley - Grupo Aranea

use : bridge

purpose : 1) connect both sides of the river 2) adapts to the area 3) create an accessible place for the public 4) guide movement through the area



description : Orange steel bridge - Maximina Almeida + Telmo Cruz

use : pedestrian and bicycle bridge



purpose : 1) create dynamic route crossing the road 2) use slope to slowly ease pedestrian over road 3) encourage leisure activities associated with cycling









description : faceted concrete bridge - 2b Architectes

use : bridge

purpose : 1) connect both sides of the road 2) connect the forest with the metro station 3) design is a mix between the city and the natural landscape 4) different perception for different users (motorist vs. pedestrian) 5) contrasting materials to represent dual role 6) lighting provides for pleasant crossing

description : Glowrail - the Light Lab



purpose : 1) railing doubles as LED light 2) accentuate the shape of the bridge.









description : Walk of the Town - TROP

use : garden

purpose : 1) adding a new green plinth to existing structures 2) hides unwanted views 3) encourages pedestrians to travel along the garden



description : Jardin de Chênes - Hahn Von Hertling Hantelmann

use : *urban garden*

purpose : 1) provide relaxed setting in urban atmosphere 2) provide seating along garden element







description : Erlentor Basel by Westpol

use : green streetscape

purpose : 1) shape pedestrian movement 2) green accent



description : Jardin de Montréal - Claude Cornier + Associés

use:garden

purpose : 1) create dynamic movement + visuals



http://www.designboom.com/architecture/maximina-almeida-telmo-cruz-pedestrian-cycle-bridge-lisbon-09-02-2015/ (orange steel bridge)

http://www.dezeen.com/2015/06/11/faceted-concrete-bridge-2b-architectes-links-metro-station-forest-lausanne-switzerland/ (faceted concrete bridge)

http://www.thelightlab.com/project/hiscox-york/ (glowrail)

http://www.archdaily.com/594339/termitary-house-tropical-space (termitary house)

http://www.designboom.com/architecture/dmva-house-bva/ (house BVA)

http://www.plataformaarquitectura.cl/cl/02-278414/vivienda-social-z53-map-mx-grupo-nodus (vivienda social z53)

http://www.hvandam.nl/buro-kino-rotterdam (kino rotterdam)

http://www.landezine.com/index.php/2015/04/roof-garden-bangkok-landscape-architecture/ (walk of the town)

http://www.archdaily.com/611186/bishop-edward-king-chapel-niall-mclaughlin-architects (bishop edward king chapel)

http://lepamphlet.com/2013/09/17/jardin-de-chenes/ (jardin de chenes)

http://www.landezine.com/index.php/2014/03/erlentor-basel-westpol-landscape-architecture/erlentor_basel-by-westpol_landscape_architecture-07/ (erlentor basel)

http://www.west8.nl/projects/madrid_rio/ (madrid rio)

http://www.claudecormier.com/en/projet/jardin-de-montreal-a-shanghai/ (jardin de montreal)

a common perspective **david**



Hannah Barth **Studio Bogotá**



NAME :	David
AGE :	47
HEIGHT :	173 cm
PROFESSION :	banker in Usaquen (Cra. 9 #72-21, Bogotá, Colombia)
ADDRESS :	Cra. 23 #137-83, Bogotá, Colombia

DATE :	10th of september
TEMPERATURE :	low 11°C; high 17 °C
WEATHER :	partially cloudy
PRECIPITATION :	0 mm
HUMIDITY :	70%
SUNRISE :	5:48 am
SUNSET :	5:58 pm


















a common perspective **diego**



Hannah Barth **Studio Bogotá**



NAME :	Diego
AGE :	28
HEIGHT :	178 cm
PROFESSION :	vendor in Usaquen (Cl. 137, Bogotá, Colombia)
ADDRESS :	Cl. 78 #2241, Bogotá, Colombia

TIME :	6:00 PM
DATE :	1st of March
TEMPERATURE :	low 7°C; high 14 °C
WEATHER :	sunny
PRECIPITATION :	0 mm
HUMIDITY :	68%
SUNRISE :	5:53 am
SUNSET :	6:12 pm























































