


CV

Name	Henri Huoso	
Year of birth	1983	
Education	Bachelor of Engineering (B.Eng) South Carelia Polytechnic (2005)	
Years of work experience	21	
Job title	Technical Director, Chairman of the Board	
Key qualifications	Post-tensioned concrete structures, cast in-situ concrete structures, parking buildings, External inspector of structural designs	
Language skills	Finnish, English, Swedish	

Work Experience

2021-	RakenneStudio Oy / Structural Studio Ltd	Technical Director, COB, Founder Partner
2020	RakenneStudio Oy / Structural Studio Ltd	CEO, COB, Founder Partner
2022-2023	Kuvabetoni Oy	Board Member, Founder Partner
2022	Lifehold Homes Oy	Board Member, Founder Partner
2019–2020	Stockholms Formbyggare Ab	Board Member
2018–2020	Naulankanta Geo & Building Oy	Partner, Business Unit Director (Concrete frame unit)
2016–2020	Naulankanta Geo & Building Oy	Design Manager
2016–	Private Entrepreneur	Consultant
2015–2016	Sweco Structures Ltd	Project Manager
2011–2014	Finnmap Consulting Oy	Project Manager
2011	Finmacon Oy Häme	Project Manager
2007–2011	Finmacon Oy Häme	Structural Engineer
2005–2007	Finnmap Consulting Oy	Structural Engineer
2004	ProAgria Etelä-Karjalan Maaseutukeskus	Trainee / Junior Engineer
2003	Rakennus-Nopsa Oy Lappeenranta	Trainee / Junior Engineer

Qualifications

2017	FISE certification grade PV (Exceptionally difficult) Designer of concrete structures (until 29.11.2030) Special field: large buildings, shopping malls and terminals
2017	FISE certification grade V+ (Difficult) Designer of concrete structures (until 29.11.2030)
2023	FISE certification grade V (Difficult) Designer of building physics (until 30.11.2030)
2025	FISE certification grade EV (Very Difficult) Designer of building physics (until 28.3.2032)

Memberships

Concrete Association of Finland

Publications

BY 69 Unbonded tendons in concrete structures (2017), Author

Structural design of detached house, Bachelor thesis, South Carelia Polytechnic, Construction Engineering, Lappeenranta (2005)

Awards

Post-Tensioning Institute: Award of Merit 2025 in Industrial or Special Project category: Rodoparkki, vertical post-tensioned high retaining wall

RIL Award 2019: Lighthouse Joensuu, vertical post-tensioned 14 storey wood apartment house

Tekla BIM Awards 2015: Special Award, Kaupunkikeskus Tapiola, modelling tendons and rebars in a large shopping mall project

Post-Tensioning Institute: Award of Excellence 2015 in Parking Building category: Tapiola's Central Parking, post-tensioned rock cave park

Courses

2025	PTI: Post-Tensioning Convention 4.-7.5.2025 Phoenix, USA
2024	RIL-RKL-BY: Prestressed Concrete course Lecturer
2021	RIL-RKL-BY: Prestressed Concrete course Lecturer
2020	Aalto University: CIV-E4030 - Engineering Design Exercises D, 5 credits
2020	Concrete Association of Finland and Finnish Transport Infrastructure Agency: Bridge technology days 2020
2019	RIL-RKL-BY: Prestressed Concrete course Lecturer
2019	Lexmentor: YSE 1998 basic course
2018	RIL-RKL-BY: Prestressed Concrete course Lecturer
2016	HAMK: Strategic management and economics, 5 credits
2016	Sweco Academy: Occupational safety card
2016	RIL-RKL-BY: Prestressed Concrete course Lecturer
2015	Sweco FMC Project manager – Sales professional qualification, general sales degree
2014	RIL-RKL-BY: Prestressed Concrete course Lecturer
2013	Imperial College London: Post-tensioning Design and Construction
2012	FMC Academy / Mercuri Int.: Project management training
2012	Concrete floor Association of Finland, BLY: Design Guidelines and Coating for Concrete Floors 2012
2011	Concrete Industry / Concrete Association of Finland, BY: Concrete Day
2010	Concrete Industry: Guidelines for Design and Construction of Concrete Elements - Seminar
2010	Tavastia education consortium: Occupational safety card
2009	HAMK: Complementary studies for construction engineering, 20 credits
2009	TTY & RIL: Building physics 2009
2007	FMC Academy: Eurocodes, Steel EN 1993-1-1
2007	FMC Academy: Eurocodes, Concrete EN 1992-1-1 ja 2
2007	FMC Academy: Eurocodes, Loads
2007	FMC Academy: Eurocodes, Introduction course
2007	FMC Academy: Eurocodes, the basics of wooden structures

Notable projects

2023-	<p>Hipposkeskus, Parking Building (Jyväskylä) Overall structural engineering of a 7-story parking building (cast in-situ, prefabricated elements, steel structures, post-tensioned structures). Project includes heat and ventilation machine room serving the sports center, sports facilities and sprinkler pools. 791 parking spaces. (23 000 m²) Customer: Keski-Suomen Betonirakenne Oy</p>	Responsible Engineer Grade: Difficult +
2020-2023	<p>GWS, Herttoniemen korttelipysäköinti (Helsinki) Full structural design of parking building: main structural engineering, cast in-situ structures, post-tensioned structures, steel structures, precast structures. 646 parking spaces. (19 100 m²) Customer: JM Suomi Oy</p>	Responsible Engineer Grade: Difficult +
2019	<p>KOy Kuopion Portti, parking building (Kuopio) 5-story parking building, cast-in situ and post-tensioned structures. 500 parking spaces. (13 000 m²) Customer: Rakennusliike Lapti Oy</p>	Structural Engineer Grade: Difficult +
2015–2016	<p>Leineläntien pysäköinti (Vantaa) Full structural design of parking building. (4 200 m²) Customer: Lemminkäinen Talo Oy</p>	Responsible Engineer Grade: Difficult +
2015–2016	<p>Helsinki-Vantaa Airport, expansion of an existing terminal (Vantaa) Post-tensioned structures Customer: Finavia</p>	Project Manager Grade: Exceptionally difficult
2014–2015	<p>Kaupunkikeskus Tapiola; Ainoa 2 and 3 phases and the bus terminal (Espoo) Post-tensioned structures for the construction phase, column supported slabs, girder slabs, load bearing transfer slabs (90 000 m²) Customer: Tapiolan Toimitalo Oy</p>	Project Manager Grade: Exceptionally difficult
2012–2014	<p>Matinkylän Metrokeskus (Espoo) Post-tensioned structures (55 000 m²) Customer: Citycon Oy / NCC</p>	Project Manager Grade: Difficult +
2011–2015	<p>Tapiolan keskuspysäköinti ja -huolto, kallioluolan pysäköintilaitos (Espoo) Full structural design, including post-tensioned structures. 2000 parking spaces. (82 000 m²) Customer: Indepro Oy / Tapiolan Keskuspysäköinti Oy</p>	Structural Engineer Grade: Difficult +
2011–2012	<p>KOy Alvar Aallon katu 1 (Helsinki) Post-tensioned slabs for a 5+1 storey office building and post-tensioned yard decks (16 400 m²) Customer: UPM Oyj</p>	Project Manager Grade: Difficult +

Projects

2026	<p>Puotilan metrokortteli (Helsinki) Preliminary structural engineering, layout design and cost estimations.</p>	Structural Engineer Grade: Difficult +
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	233 parking spaces. (6 000 m ²) Customer: Suure Oy	
2025-2026	VAV Kelokuseenrinne 6 pysäköintilaitos (Vantaa) 2-storey parking building with full structural design. 74 parking spaces. (1 350 m ²) Customer: Pohjola Rakennus Oy Suomi	Responsible Engineer Grade: Difficult +
2025-2026	Hannusranta pysäköintilaitos (Espoo) 6-storey parking building with full structural design. Preliminary and building permission phase. 290 parking spaces. (8 600 m ²) Customer: Pohjola Rakennus Oy Suomi	Structural Engineer Grade: Difficult +
2025	Pateniemi's electric station (Oulu) 2-storey electric station, structural calculations and CFRP Strengthening design. (300 m ²) Customer: CFE Finland Oy	Structural Engineer Grade: Difficult
2025	Logohub parking building (Turku) 5-storey parking building preliminary design. 389 parking spaces. (14 500 m ²) Customer: Keski-Suomen Betonirakenne Oy	Structural Engineer Grade: Difficult +
2025	Porvoon KCM (Porvoo) Post-tensioned transfer slab review and recalculations. Customer: TRB Rakennustoimisto Oy	External inspection of structural design
2025	Tiistilä autohalli (Espoo) Optimizing structures from underground car park and making a estimation of costs. 84 parking spaces. (2150 m ²) Customer: Bonava Suomi Oy	Structural Engineer Grade: Difficult +
2025-2026	As Oy Espoon Platinaheikki (Espoo) Overall structural engineering of a 5-story apartment buildings and 1-story parking building (cast in-situ, prefabricated elements, post-tensioned structures). 15 parking spaces. (2 250 m ²) Customer: Varte Oy	Responsible Engineer Grade: Difficult +
2025	Rykmentinportinkatu 3 (Tuusula) Structural design of a warehouse, office building and production spaces with precast structures and steel structures. (11 400 m ²) Customer: Jatke Toimitilat Oy	Responsible Engineer Grade: Difficult +
2025	Koirasaari 4 (Helsinki) Pihakannen jälkijännitetyn pilarilaatan rakennesuunnittelu. Autopaikkoja 63 kpl. (1900 m ²) Customer: Nousujohde Raudoitus Oy	Rakennesuunnittelija Grade: Difficult +
2025	Metallum (Espoo) Post-tensioned structures for a yard deck, column supported slab. 35 parking spaces. (900 m ²) Customer: Nodetec Oy	Structural Engineer Grade: Difficult +
2025	Erä- ja luontokulttuurimuseo (Imatra) Imatra townhall's renovation and changes into museum of wild and nature culture. (10 000 m ²) Customer: Imatran kaupunki / Arrak Arkkitehdit Oy	Structural Engineer Grade: Difficult

2025	OKT Arola (Lappeenranta) Structural engineering of cast in-situ detached house. (175 m ²) Customer: Johannes Arola	Structural Engineer Grade: Difficult
2024	Watertight concrete with post-tensioning – guide (Helsinki) Watertight concrete with post-tensioning, typical details and structures. Customer: Pohjola Rakennus Oy Suomi	Structural Engineer Grade: Difficult +
2024-	Kruunuvuorenrannan saunamaailma (Helsinki) 17 different saunas and one general building. Customer: Arrak Arkkitehdit Oy	Structural Engineer Grade: Difficult
2024	Konalankujan Pysäköinti (Helsinki) Preparation of reference drawings and design criteria for structural design. 340 parking spaces. (~9 800 m ²) Customer: JM Suomi Oy	Structural Engineer Grade: Difficult +
2024	Tammiston KCM Pysäköinti (Vantaa) Preparation of reference drawings and design criteria for structural design. 340 parking spaces. (~14 500 m ²) Customer: Kesko Oyj	Structural Engineer Grade: Difficult +
2024	Verkkoneula 3, pysäköintilaitos (Helsinki) Post-tensioned structures for a yard deck, beam slabs. Layout design and preliminary dimensions and checking final drawings. 120 parking spaces. (2800 m ²) Customer: KVER Oy	Structural Engineer Grade: Difficult +
2024	Design criteria for parking buildings Design criteria for structural design of parking buildings. Customer: Helsingin Velvoitepysäköinti Oy	Content provider
2024-	CTG Parkki (Espoo) Overall structural engineering of a 7-story parking building (cast in-situ, prefabricated elements, steel structures, post-tensioned structures). 471 parking spaces. (14 650 m ²) Customer: NCC Property Development Oy and NCC Rakennus Oy	Responsible Engineer Grade: Difficult +
2024-	As Oy Kvartsiheikki I, II, III ja pysäköintilaitos (Espoo) Overall structural engineering of a 2 to 7-story apartment buildings and 2-story parking building (cast in-situ, prefabricated elements, steel structures, post-tensioned structures). 69 parking spaces. (10 000 m ²) Customer: Varte Oy	Responsible Engineer Grade: Difficult +
2024	Tulistimenkatu, pysäköintilaitos (Helsinki) Post-tensioned structures for a yard deck, beam slabs. Layout design and preliminary dimensions and checking final drawings. 68 parking spaces. (1500 m ²) Customer: Jatke Uusimaa Oy	Structural Engineer Grade: Difficult +
2024	Postipaketti ja Postitorni, pysäköintilaitos (Helsinki) Post-tensioned structures for 4-story parking building. Layout design and preliminary dimensions and checking final drawings. 160 parking spaces. (6 600 m ²) Customer: Nousujohde Raudoitus Oy	Structural Engineer Grade: Difficult +

2024	Viiktorpantie 12 (Helsinki) Structural design of a 3-story detached house. 2 parking spaces. (330 m ²) Customer: Dugicon Oy	Responsible Engineer Grade: Difficult
2024	Saariseläntie, pysäköintilaitos (Helsinki) Post-tensioned structures for a yard deck, column supported slabs. Layout design and preliminary dimensions and checking final drawings. 74 parking spaces. (1100 m ²) Customer: Lujatalo Oy	Structural Engineer Grade: Difficult +
2024	Haso Verkkosaarenranta 16 autohalli (Helsinki) Layout design and preliminary dimensions for car park and checking the final drawings. Quantity and cost evaluations for cast in-situ frame. 29 parking spaces. (800 m ²) Customer: EKE-Rakennus Oy	Structural Engineer Grade: Difficult +
2024	Finavia back-up container (Vantaa) Reinforced concrete deck design for back-up container. (200 m ²) Customer: Rakennusliike Sierak Oy	Structural Engineer Grade: Difficult
2024	Peltolammin palvelukortteli (Tampere) Quantity and cost evaluations for cast in-situ frame. (27 800 m ²) Customer: Lujatalo Oy	Structural Engineer Grade: Difficult +
2023-	Hipposkeskus, Parking Building (Jyväskylä) Overall structural engineering of a 7-story parking building (cast in-situ, prefabricated elements, steel structures, post-tensioned structures). Project includes heat and ventilation machine room serving the sports center, sports facilities and sprinkler pools. 791 parking spaces. (23 000 m ²) Customer: Keski-Suomen Betonirakenne Oy	Responsible Engineer Grade: Difficult +
2023-	Koroppa III (Vantaa) Structural design of a warehouse and office building with precast structures and steel structures. (8 200 m ²) Customer: Jatke Toimitilat Oy	Responsible Engineer Grade: Difficult +
2023	Sauna cabin Kaseva-Wansen (Ylöjärvi) Structural design of a cast in-situ sauna cabin sunk into the slope. (25 m ²) Customer: Ville Kaseva	Responsible Engineer Grade: Difficult
2023-	Kotkan Tähti (Kotka) Structural engineering and precast design for shopping mall. (28 400 m ²) Customer: SSA Rakennus Oy	Responsible Engineer Grade: Difficult +
2023	As Oy Espoon Alexander (Espoo) Post-tensioned structures for a yard deck, column supported slabs. (1 300 m ²) Customer: JM Suomi Oy	Structural Engineer Grade: Difficult +
2023	As Oy Helsingin Renata / Haakonin parkki (Helsinki)	Structural Engineer Grade: Difficult +

	Post-tensioned structures for a yard deck, beam supported slab. (1 600 m ²) Customer: Bonava Suomi Oy	
2023	Isosaarentie pysäköintihalli (Helsinki) Post-tensioned structures for a yard deck, beam supported slab. (900 m ²) Customer: Pohjola Rakennus Oy Suomi	Structural Engineer Grade: Difficult +
2022-2023	Karakallion pysäköintilaitos (Espoo) Full structural design of a four-storey parking building: cast-in-situ structures and post-tensioned structures. (5 750 m ²) Customer: Varte Oy	Responsible Engineer Grade: Difficult +
2022-2023	As Oy Panorama (Espoo) Structural engineering of cast-in-situ row house. (400 m ²) Customer: Lifelihood Homes Oy	Responsible Engineer Grade: Difficult
2022-2023	Kärkitie 9 Pikku Kuusisaari (Helsinki) Structural design for three detached houses. First level is under waterpressure. (870 m ²) Customer: Meliton Oy	Responsible Engineer Grade: Difficult +
2022	Rodoparkki (Helsinki) Full structural design of a two-storey parking building: cast-in-situ structures and post-tensioned structures. (3 400 m ²) Customer: Helsingin Laudoitus Oy	Structural Engineer Grade: Difficult +
2022-2023	Puotilan Ostarin uudistaminen (Helsinki) Post-tensioned structures for a yard deck and a car deck, preliminary design and design guidance. (1 200 m ²) Customer: Helsingin Laudoitus Oy	Structural Engineer Grade: Difficult +
2022	As Oy Purokumpu / parking building (Espoo) Full structural design of a one-storey parking building: cast-in-situ structures and post-tensioned structures. (1 900 m ²) Customer: EKE-Rakennus Oy	Responsible Engineer Grade: Difficult +
2022	NREP Koskelo (Espoo) Pile slab design for a warehouse. (2 200 m ²) Customer: Fira Rakennus Oy	Structural Engineer Grade: Difficult
2022	Warehouse and logistics, Lommila (Espoo) External inspector of structural designs for a warehouse made of precast concrete elements. (16 600 m ²) Customer: Jatke Toimitilat Oy	External inspection of structural design
2022	Verkkosaari block 10652 parking (Helsinki) Full structural design of a one-storey parking building: cast-in-situ structures and post-tensioned structures. (3 300 m ²) Customer: Raksystems Insinööri-toimisto Oy	Responsible Engineer Grade: Difficult +
2022	Opaaliparkki (Vantaa) Full structural design of a four-storey parking building: cast-in-situ structures and post-tensioned structures. (7200 m ²)	Responsible Engineer Grade: Difficult +

	Customer: Fira Rakennus Oy	
2022	As Oy Meander (Helsinki) Asiakkaan tekninen tuki ja pysäköintilaitoksen luonnossuunnittelu. (2030 m ²) Tilaja: SSA Rakennus Oy	Structural Engineer Grade: Difficult +
2021–2022	Lincolnin aukion pysäköintilaitos (Vantaa) Full structural design of a four-storey parking building: cast-in-situ structures, post-tensioned structures, and precast structures. (5 500 m ²) Customer: Keski-Suomen Betonirakenne Oy	Responsible Engineer Grade: Difficult +
2021–2022	Verkkosaari block 10657 parking (Helsinki) Full structural design of a one-storey parking building: cast-in-situ structures and post-tensioned structures. (3 300 m ²) Customer: TA-Asumisoikeus Oy	Responsible Engineer Grade: Difficult +
2021–2023	As Oy Verkkosaaren Artus (Helsinki) Full structural design of a seven-storey residential building: Mainly precast frame. (4 700 m ²) Customer: EKE-Rakennus Oy	Responsible Engineer Grade: Difficult +
2021	Lättähattu parking building (Tampere) Full frame design and design of post-tensioned structures (3000 m ²) Customer: Asuva Oy	Responsible Engineer Grade: Difficult +
2021	Vallilla parking building (Helsinki) External/third party inspection of structural design for an underground parking building. (4 000 m ²)	External inspection of structural design
2021-2023	Säterinkallio car park (Espoo) Post-tensioned structures for a yard deck, beam supported slab, preliminary design and layout. Customer: Hartela Etelä-Suomi Oy	Structural Engineer Grade: Difficult +
2021	Jurvanen & Laivisto (Espoo) Structural design of a two-storey detached house. Customer: Matti Jurvanen	Responsible Engineer Grade: Conventional
2021	Koy Libri / Kirjavälitys (Hyvinkää) Structural design of a logistics building: precast structures. (5000 m ²) Customer: SSA Rakennus Oy	Structural Engineer Grade: Difficult
2020–2021	As Oy Monumentti (Helsinki) External/third party inspection of a fourteen-storey precast fabricated residential building. Customer: Pohjola Rakennus Oy Finland	External inspection of structural design
2020–2021	Hakaniemi Market hall's service entrance (Helsinki) Hakaniemi market hall's n service entrance post-tensioned two-way beam slabs. (900 m ²) Customer: Dracon Oy	Structural calculations Grade: Difficult +
2020–2021	Helsingin Sivellin car park (Helsinki) Post-tensioned structures for a yard deck, column supported slabs. (805 m ²) Customer: Hartela Etelä-Suomi Oy	Structural Engineer Grade: Difficult +
2020	Lohenpoika ja Taimenpuro parking building (Helsinki)	Structural Engineer

	Three storey parking building, post-tensioned beam slabs. (5 400 m ²) Preliminary phase and internal inspections. Customer: Insinööritoimisto Matti Janhunen Oy	Grade: Difficult +
2020–2021	Vantaan Rasti Logistic building (Vantaa) Steel framed logistic building and an underground parking area with a post-tensioned column supported slab. (12 000 m ²) Customer: EKE Rakennus Oy	Structural Engineer Grade: Difficult + / Exceptionally difficult
2020–2021	Postipuisto parking building (Helsinki) Post-tensioned structures for a yard deck, beam slabs. (3385 m ²) Customer: Helsingin Laudoitus Oy	Structural Engineer Grade: Difficult +
2020	Suuruspää parking building (Jyväskylä) Post-tensioned structures for a yard deck, column supported slabs. (2621 m ²) Customer: Peab Oy	Structural Engineer Grade: Difficult +
2020	Sävelkortteli car park (Helsinki) Post-tensioned structures for a yard decks and parking decks, column supported slabs (2165 m ²) Customer: Pohjola Rakennus Oy Suomi	Structural Engineer Grade: Difficult +
2020-2023	GWS, Herttoniemen korttelipysäköinti (Helsinki) Full structural design of parking building: main structural engineering, cast in-situ structures, post-tensioned structures, steel structures, precast structures (19 100 m ²) Customer: JM Suomi Oy	Responsible Engineer Grade: Difficult +
2020-2021	Tapiolan Feenix (Espoo) Apartment buildings (14 storey) and 2 storey underground parking building's external inspection of structural design. Customer: KOY Tapiolan Vesiputoustalo	External inspection of structural design
2020	Fontellin parkki (Tampere) Structural calculations for damaged structures and instructions for maintenance and repair. Customer: Naulankanta Geo & Building Oy	Structural Engineer Grade: Difficult
2020	Radisson Seaside (Helsinki) Capacity checks for existing load bearing pretensioned structures. Customer: Insinööritoimisto Kimmo Kaitila Oy	Structural calculations Grade: Difficult +
2020-	Concrete Association of Finland Content provider for Concrete Association of Finland – Concrete structures Customer: Concrete Association of Finland	Content provider
2020	Käpyläntie 13 parking building (Helsinki) Post-tensioned structures Customer: VRP Etelä-Suomi Oy	Design Manager Grade: Difficult +
2020	Azorienkuja 1 parking building (Helsinki) Post-tensioned structures Customer: Uudenmaan Mestari-Rakentajat Oy	Design Manager Grade: Difficult +

2019–2020	Kotiasema parking building (Helsinki) Preliminary and construction phase design Customer: Bonava Suomi Oy	Design Manager Grade: Difficult +
2019–2020	Kuntokatu parking building (Tampere) Frame design Customer: Hartela Länsi-Suomi Oy	Design Manager, Structural Engineer Grade: Difficult +
2019–2020	Espoon Metsämansikka parking building (Espoo) Post-tensioned structures Customer: JM-Suomi Oy	Design Manager Grade: Difficult +
2019–2020	Mahtiparkki 626 (Espoo) Post-tensioned structures Customer: Pohjola Rakennus Oy Suomi	Design Manager Grade: Difficult +
2019	KOy HVT30 expansion of a parking building (Tampere) Post-tensioned structures Customer: Kreate Oy	Design Manager Grade: Difficult +
2019	Haso Svanströminkuja 1 (Helsinki) Post-tensioned structures Customer: NCC Suomi Oy	Design Manager Grade: Difficult +
2019	KOy Kuopion Portti, parking building (Kuopio) Full frame design Customer: Rakennusliike Lapti Oy	Structural Engineer Grade: Difficult +
2018	Jänönloikka ja Kukonaskel parking building (Vantaa) Post-tensioned structures Customer: Bonava Oy	Design Manager Grade: Difficult +
2018	Atlantinkatu 12 parking building (Helsinki) Frame design Customer: Uudenmaan Mestari-Rakentajat Oy	Design Manager Grade: Difficult +
2018	Venusparkki parking building (Helsinki) Preliminary and construction phase design Customer: KSBR Oy	Design Manager Grade: Difficult +
2018	Satamakatu 3 / Kruunuvuoren asunnot parking building (Helsinki) Post-tensioned structures Customer: Consti Julkisivut Oy	Design Manager Grade: Difficult +
2018	Safiiriparkki parking building (Vantaa) Post-tensioned structures Customer: KSBR Oy	Design Manager Grade: Difficult +
2018	Parkkipatruuna (Seinäjoki) Post-tensioned structures for a yard deck Customer: SSR Pohjanmaa Oy	Design Manager Grade: Difficult +
2018	Paatsamatien parking building (Helsinki) Post-tensioned structures Customer: Pohjola Rakennus Oy Uusimaa	Design Manager Grade: Difficult +
2018	Jubilee (Tampere) Post-tensioned structures for a yard deck Customer: Pohjola Rakennus Oy	Design Manager Grade: Difficult +
2018	Haagan Eliel (Helsinki) Post-tensioned structures for a yard deck Customer: Hartela Etelä-Suomi Oy	Design Manager Grade: Difficult +
2017–2018	As Oy Helsingin Lopinkulma (Helsinki) Post-tensioned transfer beams	Design Manager Grade: Difficult +

2017–2018	Heka Kirvesmiehenkatu 2 (Helsinki) Post-tensioned structures for a yard deck Customer: Hartela Etelä-Suomi Oy	Design Manager Grade: Difficult +
2017–2018	Pyynitie parking building (Espoo) Post-tensioned structures Customer: Skanska Talonrakennus Oy	Design Manager Grade: Difficult +
2017–2018	Martinlaakson AK-kortteli (Vantaa) Post-tensioned structures Customer: Pohjola Rakennus Oy Uusimaa	Design Manager Grade: Difficult +
2017	Kaikukatu 6 (Helsinki) Post-tensioned structures for an office building Customer: Skanska Talonrakennus Oy	Design Manager Grade: Difficult +
2016	Helsingin Marie (Helsinki) Post-tensioned structures and bearings for a yard deck Customer: Naulankanta Oy	Project Manager Grade: Difficult +
2016	Latokartanon parking building (Helsinki) Post-tensioned structures Customer: Rakennuskartio Oy	Project Manager Grade: Difficult +
2016	Luutnantinpolku (Helsinki) Post-tensioned structures for a yard deck Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2016	Helsingin Meripihka (Helsinki) Post-tensioned structures for a yard deck Customer: Lemminkäinen Talo Oy	Project Manager Grade: Difficult +
2016	Pietarsaaren toriparkki (Pietarsaari) Post-tensioned structures Customer: Mäenpää Rakennus Oy	Project Manager Grade: Difficult +
2016	Wood City parking building (Helsinki) Tender phase design Customer: SRV Rakennus Oy	Project Manager Grade: Difficult +
2016	Kotikonnuntie 2 a parking building (Helsinki) Preliminary and construction phase design Customer: JKE Saneerauspalvelut Oy	Project Manager Grade: Difficult +
2015–2016	Telakkaranta Pysäköintilaitos (Helsinki) Preliminary phase design Customer: Skanska Talonrakennus Oy	Project Manager Grade: Difficult +
2015	Koivusaaren pysäköintiselvitys (Helsinki) Construction phase design Customer: Kalliosuunnittelu Oy Rockplan Ltd	Project Manager, Responsible Engineer Grade: Difficult +
2015–2016	Leineläntien parking building (Vantaa) Construction phase design Customer: Lemminkäinen Talo Oy	Responsible Engineer Grade: Difficult +
2016–2016	Pioniparkki (Vantaa) Post-tensioned structures Customer: Lemminkäinen Talo Oy	Project Manager Grade: Difficult +
2015	Manskun Rasti 2 (Helsinki) Preliminary phase design for post-tensioned structures of an office and parking building Customer: Skanska CDF Oy	Project Manager Grade: Difficult +
2015–2016	Koivuhaka 2 (Vantaa) Post-tensioned structures for a yard deck	Project Manager Grade: Difficult +

	Customer: Naulankanta Oy	
2015	Ratapihakortteli parking (Helsinki) Frame design Customer: Kalliosuunnittelu Oy Rockplan Ltd	Project Manager Grade: Difficult +
2015	Magneettikatu 1 (Espoo) Post-tensioned structures for a yard deck Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2015	Villa Breda (Kauniainen) Post-tensioned structures for a yard deck Customer: Kauniaisten kaupunki	Project Manager Grade: Difficult +
2015	Jätkäsaari (underground structures) (Helsinki) Post-tensioned structures Customer: Kalliorakennus-Yhtiöt Oy	Project Manager Grade: Difficult +
2015–2016	Helsinki-Vantaa Airport, expansion of an existing terminal (Vantaa) Post-tensioned structures Customer: Finavia	Project Manager Grade: Difficult +
2015	As Oy Espoon Woima, Wirta, Waltti, Ampeeri (Espoo) Post-tensioned structures for a yard deck Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2015–2016	Arabica parking building (Helsinki) Post-tensioned structures Customer: Lemminkäinen Talo Oy	Project Manager Grade: Difficult +
2015–2016	As Oy Vantaan Safiiri parking building (Vantaa) Post-tensioned structures Customer: YIT Rakennus Oy	Project Manager Grade: Difficult +
2014–2015	Kaupunkikeskus Tapiola; Ainoa 2 and 3 phases and the bus terminal (Espoo) Post-tensioned structures for the construction phase, column supported slabs, girder slabs, load bearing transfer slabs Customer: Tapiolan Toimitalo Oy	Project Manager Grade: Exceptionally difficult
2014	Helsingin Loisto and Kompassi (Helsinki) Post-tensioned structures for a yard deck Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2014	Helsinki-Vantaa Airport (Vantaa) Expansion of parking building P5 Competition Customer: Lemminkäinen Talo Oy	Project Manager Grade: Difficult +
2014	As Oy Helsingin Kipinä, Hohde and Loisto (Helsinki) Post-tensioned structures for a yard deck Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2014	Teollisuuskatu parking building phase 3 (Helsinki) Post-tensioned structures Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2014	Teollisuuskatu parking phase 1 (Helsinki) Post-tensioned structures Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2014	Ruusuparkki Competition (Vantaa) Post-tensioned structures Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +

2014	Rubiiniparkki Competition (Vantaa) Post-tensioned structures Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2014	Leinelän parking building (Vantaa) Post-tensioned structures Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2014	Mokkaparkki (Helsinki) Post-tensioned structures for a yard deck Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2014	Pansion Portti (Turku) Post-tensioned structures Customer: Narmaplan Oy	Project Manager Grade: Difficult +
2013	Osla Porvoo Centre development phase (Porvoo) Post-tensioned structures for a parking building Customer: SOK	Project Manager Grade: Difficult +
2013	Alppikylä park (Helsinki) Post-tensioned structures for a yard deck Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2013–2014	Teollisuuskatu parking phase 2 (Helsinki) Post-tensioned structures Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2013	Kauniaisten kvartetti (Kauniainen) Post-tensioned structures for a yard deck Customer: Skanska	Project Manager Grade: Difficult +
2013	Pysäköintitalo 2 (Joensuu) Post-tensioned structures for a parking building Customer: SRV / Rakennusliike Purmonen Oy	Project Manager Grade: Difficult +
2013–2014	Biiliparkki (Espoo) Post-tensioned structures for a yard deck Customer: Skanska	Project Manager Grade: Difficult +
2013–2014	Iso-Kristiina Shopping Centre (Lappeenranta) Post-tensioned structures for an expansion Customer: Skanska	Project Manager Grade: Difficult +
2013	As Oy Marco Polo and As Oy Tyynimeri (Helsinki) Post-tensioned structures for a yard deck Customer: Lemminkäinen Infra Oy	Project Manager Grade: Difficult +
2013	Tampere Tower Hotel (Tampere) Design for cast-in-situ slabs Customer: SOK	Project Manager Grade: Difficult
2013	Avec-Parkki Competition (Espoo) Post-tensioned structures for a parking building Customer: Lemminkäinen Talon Oy	Project Manager Grade: Difficult +
2013	Lahden Toriparkki Competition (Lahti) Two storey underground parking building Customer: Lemminkäinen Infra Oy	Structural Engineer Grade: Difficult +
2013	As Oy Vantaan Vuorimestari (Vantaa) Post-tensioned structures for a parking building Customer: Skanska Talonrakennus Oy	Project Manager Grade: Difficult +
2012	Jorvin sairaala Competition (Espoo) Post-tensioned structures Customer: Skanska Talonrakennus Oy	Structural Engineer Grade: Difficult +

2012	Kangasalantie 13 (Helsinki) Post-tensioned structures for a yard deck Customer: Uudenmaan Mestari-Rakentajat Oy	Project Manager Grade: Difficult +
2012–2013	HUS Underground spaces (Helsinki) Post-tensioned structures for a parking building Customer: NCC Rakennus Oy	Project Manager Grade: Difficult +
2012	OP-Pohjola toimistotalo (Helsinki) Post-tensioned structures, preliminary phase Customer: OP-Pohjola -ryhmä	Structural Engineer Grade: Difficult +
2012	Kotkan Koulukatu 23 (Kotka) Post-tensioned structures for a yard deck Customer: Varte Oy	Project Manager Grade: Difficult +
2012–2014	Matinkylän Metrokeskus (Espoo) Post-tensioned structures Customer: Citycon Oy / NCC	Project Manager Grade: Difficult +
2012	Gigahertsi (Helsinki) Post-tensioned structures for a shopping centre, preliminary phase Customer: Rakennusosakeyhtiö Hartela	Project Manager Grade: Exceptionally difficult
2011–2012	Pasila One Competition (Helsinki)	Structural Engineer Grade: Difficult +
2011–2015	Tapiolan keskuspysäköinti ja -huolto, kallioluola, parking building (Espoo) Post-tensioned structures Customer: Indepro Oy / Tapiolan Keskuspysäköinti Oy	Structural Engineer Grade: Difficult +
2011–2012	KOy Alvar Aallon katu 1 (Helsinki) Post-tensioned slabs for a 5+1 storey office building and post-tensioned yard decks Customer: UPM Oyj	Project Manager Grade: Difficult +
2011–2012	Koskela tram depot (Helsinki) Preliminary phase design Customer: HKL	Structural Engineer Grade: Difficult +
2011–2013	Kaupunkikeskus Tapiola (Espoo) Post-tensioned structures for preliminary phase Customer: Indepro Oy	Project Manager Grade: Exceptionally difficult
2011–2012	Tapionaukio parking building (Espoo) Concrete and post-tensioned structures for an underground parking building Customer: Indepro Oy / Tapiolan Keskuspysäköinti Oy	Project Manager Grade: Difficult +
2011	Baltic Pearl / Pearl Plaza (St. Petersburg, Venäjä) Inspection for post-tensioned structures	Inspector Grade: Difficult +
2011–2013	Iso-Kristiina, expansion of a shopping centre (Lappeenranta) Post-tensioned structures for parking areas Customer: Citycon Oy	Structural Engineer Grade: Difficult +
2010–2011	Uusi Pääkonttori (Hyvinkää) Design of two office buildings (phase 1 and 2) and repair of an auditorium Customer: Konecranes Oyj	Structural Engineer Grade: Difficult
2009–2011	Hyvinkään Keskipiste (Hyvinkää) Post-tensioned slabs and parking areas	Structural Engineer Grade: Exceptionally difficult

2009	Aarrekarri (Hyvinkää) Design of two office buildings and a warehouse Customer: Hyvinkään Vuokra-asunnot Oy	Structural Engineer Grade: Difficult
2009	Talo Huoso III (Taipalsaari) Design of a detached house	Project Manager Grade: Conventional
2009	Maitosiilot (Hämeenlinna) Foundation design Customer: Hämeenlinnan Osuusmeijeri	Structural Engineer Grade: Difficult
2009	L-rakennuksen fundamentti (Hyvinkää) Foundation design Customer: Konecranes Oyj	Structural Engineer Grade: Difficult
2009	As Oy Vuorikatu 17 (Hämeenlinna) Facade design of a multi-storey building	Structural Engineer Grade: Difficult
2009	Koulutuskeskus Tavastia (Hämeenlinna) Expansion design	Structural Engineer Grade: Difficult
2009	Parpansali (Rauma) Post-tensioned ground bearing concrete tank Customer: Rauman kaupunki	Structural Engineer Grade: Difficult +
2009	Aleksi 21 kalliotilat (Helsinki) Post-tensioned structures Customer: City Center	Structural Engineer Grade: Difficult +
2009	Tikkurilan Asemakeskus (Vantaa) Post-tensioned beams for a yard deck Customer: Tikkurilan Asemakeskus Oy	Structural Engineer Grade: Difficult +
2008	As Oy Espoon Vallikallion Rubiini (Espoo) Post-tensioned structures	Structural Engineer Grade: Difficult +
2008	As Oy Espoon Vallikallion Safiiri (Espoo) Post-tensioned structures	Structural Engineer Grade: Difficult +
2008	Konecranes KC Loikka (Hyvinkää) Concrete tank	Structural Engineer Grade: Difficult
2008	P-Flemari Parking (Helsinki) Post-tensioned structures	Structural Engineer Grade: Difficult +
2008	As Oy Vantaan Jokirento (Vantaa)	Stability calculations Grade: Difficult
2008	Talo Huoso II (Taipalsaari) Design of a detached house	Project Manager Grade: Conventional
2007–2008	Tapiola-Ryhmä PK2 (Espoo) Jälkijännitetyt rakenteet	Structural Engineer Grade: Difficult +
2007	K-Rakennus expansion (Hyvinkää) Customer: Kone Oyj	Structural Engineer Grade: Difficult
2007	As Oy Vantaan Kultasiipi (Vantaa)	Stability calculations Grade: Difficult
2007	KOy Kutomotie 2 (Helsinki) Post-tensioned structures for a parking building	Structural Engineer Grade: Difficult +
2007	Tarkastusrakennus K9 (Helsinki) Foundation design Customer: Helsingin Satama	Structural Engineer Grade: Difficult
2007	Halli 6, Office Building (Lappeenranta) Customer: Free Zone Oy Ltd	Structural Engineer Grade: Conventional
2007	Rehutehtaan mv-laatat (Ylivieska) Customer: Rehuraisio Oy	Structural Engineer Grade: Conventional

2006–2007	Flamingo (Jumbo Park) (Vantaa) Post-tensioned structures for a parking building	Structural Engineer Grade: Difficult +
2006–2007	Varma-Salmisaari (Helsinki) Post-tensioned structures	Structural Engineer Grade: Difficult +
2006–2007	Flamingo (Jumbo Park) (Vantaa) Post-tensioned structures for spa	Structural Engineer Grade: Difficult +
2006	KOy Ornon Parkki (Kerava) Post-tensioned structures	Structural Engineer Grade: Difficult +
2006	Talo Huoso (Taipalsaari) Design of a detached house	Project Manager Grade: Conventional
2006	Warehouse expansion (Ristiina) Customer: UPM-Kymmene Oyj	Structural Engineer Grade: Difficult
2006	Arkadi-canopy and retaining walls (Lappeenranta) Customer: Plantagen	Structural Engineer Grade: Conventional
2006	Nummelan kattilalaitos (Vihti) Foundation design Customer: Fortum Lämpö Oy	Structural Engineer Grade: Difficult
2006	Vastapainelinja (Ristiina) Customer: UPM-Kymmene Oyj	Structural Engineer Grade: Difficult
2006	Varastokatos (Joutseno) Customer: Puumerkki Oy	Structural Engineer Grade: Conventional
2006	KOy Salmisaarenranta 9 (Helsinki) Post-tensioned structures	Structural Engineer Grade: Difficult +
2006	As Oy Keravan Metsäniitty (Kerava) Post-tensioned structures	Structural Engineer Grade: Difficult +
2006	Teräspalvelukeskuksen laajennus (Janakkala) Customer: Ovako Bar Oy Ab	Structural Engineer Grade: Difficult
2005	Post-compost biofuel factory (Espoo) Customer: YTV Lemcon	Structural Engineer Grade: Difficult +
2005	Sprinkler-centre (Joutseno) Customer: Botnia Mill Services	Structural Engineer Grade: Conventional
2005	Kuoritasku (Ristiina) Customer: Schauman Wood Oy	Structural Engineer Grade: Difficult
2005	Jätekatos expansion (Joutseno) Customer: Stora Enso	Structural Engineer Grade: Conventional
2005	Raatimiehenkatu bridge, retaining structures (Lappeenranta) Customer: Lappeenrannan kaupunki	Structural Engineer Grade: Difficult
2005	Kippaustasku (Lappeenranta) Customer: Nordkalk Oyj	Structural Engineer Grade: Difficult
2005	Loading canopy (Simpele) Customer: M-REAL	Structural Engineer Grade: Difficult
2005	BASF:n expansion of a latex factory (Hamina)	Structural Engineer Grade: Difficult
2005	Expansion of concrete tanks for a mine (Lappeenranta) Customer: Nordkalk Oyj	Structural Engineer Grade: Difficult