

Architecture plans, 1879-1922

BOX #	FLDR #	Title	PROJECT # (Class #)	Collaborator	origin of plans	Description	Digital Images Available
1	1	Passenger Station -- McLeansboro, IL, no date	C11137		Office of the Chief Engineer	Floor plan and section drawing for a passenger station at McLeansboro, Illinois. Floor plan designates both a ladies and a general waiting room; an agents office as well as baggage, freight and stationary rooms.	
1	2	Details for Safety Gates at the B'Ham Train Shed, no date	C243		Res. Engineers Office	Drawing is undated and includes details for gate at 'a'. Details include: upper angles, casting index (397 and 396).	
1	3	Fence for B'Ham Train Shed, no date	C247		Res. Engineers Office	Drawing is undated and includes an elevation drawing of the fence, as well as detail drawings showing the riveting and the foot of the fence's angle at the base. A bill of material is also included.	
1	4	Sheltered Platform, April 1884	C189	O.C.W.	Engineer's Office	Plan, elevation and section for a 15-person sheltered platform at Rhorer's Station. Shelter measured 36'x20'.	yes
1	5	Depot at Wallace and Sanford's Mill, M&M, December 1887	C311		Office of Resident Engineer	Plan and elevations (end and track level) for a proposed depot at Wallace and Sanford Mill, M&M. Plan details a depot containing ladies and general waiting rooms, an agent's office and freight room all of which is flanked by two platforms, which themselves form an 'L' around the structure and another platform adjacent to the freight room.	
1	6	Machine Shop -- Howell, IN, October 4, 1888	N/A		Office of the Chief Engineer	End and two side elevations for a machine shop located at Howell, Indiana.	
1	6	Stationary Engine and Boiler House for Machine Shops -- Howell, IN, October 6, 1888	C439		Office of the Chief Engineer	Floor plan for a 71'9"x35' stationary engine and boiler house at the machine shops of Howell, Indiana. Floor plan shows the division between the engine and boiler rooms, with an outline of where the boiler is to be placed. Drawing also includes end and side elevations. One end elevation shows the opening for breeching from boiler to chimney, which is correlated to the side elevation that depicts said breech and chimney. A cross section showing framing plans is also included.	
1	6	Smith and Boiler Shops -- Howell, IN, October 10, 1888	C350		Office of the Chief Engineer	Plan and elevation for smith and boiler shops at Howell, Indiana. Floor plan shows a 227'7"x92'1" structure, complete with engine pits (3) and spanned by 10 trusses. North side elevation shows a one storied (sky lit) structure with slate roof.	
1	7	Smoke Stack -- Howell, IN, April 1889	C381		Office of the Chief Engineer	Section drawing for a 80' smoke stack to be erected in Howell, Indiana. Drawing offers multiple views, including side and front views as well as section drawings from various points within the smoke stack.	
1	8	Freight Depot at Evansville, Indiana, June 1, 1889	C383		Chief Engineer's Office	Elevations (track, street and west), section (showing framing of west end) and cross section drawing for a Freight depot in Evansville, Indiana.	

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1	9	Highland Park Station, October 1891	C549		Office of the Chief Engineer	Details and cross sections from Highland Park Station. Main drawing depicts a cross section of the station through the waiting room. Section shows exterior finishes. Detail drawings show molding from around doors and windows, as well as framing detail.
1	10	Freight Depot -- St. Louis, May 1892	C607		Office of the Chief Engineer	Cross section through the office of a St. Louis freight depot. Two-story depot highlights the foundational and structural elements, as well as some exterior finishes (stone window sills, wainscoting, etc).
1	10	Freight Depot -- St. Louis, May 1892	N/A		Office of the Chief Engineer	Elevation for a two-story freight depot at St. Louis as drawn from the Northeast corner. Drawing details exterior finishes including rock face ashlar for the base of the foundation, brick walls, slate roof, ribbed glass skylights and stone sills.
1	10	Freight Depot -- St. Louis, May 1892	C606		Office of the Chief Engineer	End elevation (from Cass Ave.) for a two-story St. Louis freight depot. Plan shows foundational materials (concrete, rubble) including foundation base of rock face ashlar. Drawing also includes a frame and foundation section drawing.
1	11	One Room Dry Kiln -- Howell, IN, July 1893	C876		The Standard Dry Kiln Company	Five figures (Figs 1-3,6,10) showing the configuration and air circulation and ventilation as well as the details for a car truck within room. Drawing also includes a room floor plan. Plans furnished by The Standard Dry Kiln Company and repurposed for specific needs of the L&NRR.
1	12	Proposed Improvements in Station Building at Cami, St. L. Div -- Cami, IL, April 1894	C752		Office of the Chief Engineer	Floor plan and elevations (track level and end) for proposed improvements to a station building at Cami, Illinois. Station consists of both a women and men's' waiting room, an office with adjacent ticket window and telegraph table and a baggage room. Plan has an extensive note detailing information on windows, doors and the glass used within both.
1	13	Proposed Improvements in Station Building at Cami, St. L. Div -- Cami, IL, May 1894	C754		Office of the Chief Engineer	Details of proposed improvements to a station building in Cami, Illinois. Drawing features the floor plan for the bay (telegraph table space) as well as an elevation and cross section through the bay.
1	14	Shanty for Draw Tender -- Wabash River, May 1894	C755		Office of the Chief Engineer	Floor plan, rear elevation and cross section for a proposed shanty for drawn tender to be used on the Wabash River (St. Louis Division). The 7'7"x6'6" shanty consists of a bed area and a living space with stove. Exterior features a slanted, tin roof.
1	15	Proposed Union Station -- Eldorado, IL, June 1895	C807		Office of the Chief Engineer	Floor plan and track level elevation for a proposed Union Station in Eldorado, Illinois. Station is L shaped with a general waiting room at its center, agent offices that flank the waiting room and a freight rooms at the far east and west.
1	16	Waiting Room -- Swansea, IL, January 1896	C836		Office of the Chief Engineer	Plan for a 14'x12' waiting room located in Swansea, Illinois. Drawing also includes elevation drawings (track level and side) and detail drawings of window frames.

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2	17	Mildale Transfer Shed, October 1897	C925		Office of the Chief Engineer	Plan showing how the end panel of a transfer shed located in Mildale (State?) is to be enclosed in order to shelter laborers.
1	18	Semaphore Signal House for Draw Span of Bridge No. 38 -- Cumberland River, June 1898	C980		Office of the Chief Engineer	Drawing includes a floor plan, side and track-level elevations as well as two detail drawings and one section drawing for a signal house located at bridge no. 38 on the Cumberland River.
1	19	Interior Detail for Passenger Station at Evansville, Indiana -- Evansville, IN, July 22, 1902	C1758		Office of the Chief Engineer	Full size detail of one half of cast cap for umbrella shed at the passenger station located in Evansville, Indiana. Along with detail drawing, a section drawing is also included.
1	20	Ticket Office and News Stand Windows -- Evansville, IN, August 1902	C1752		Office of the Chief Engineer	Drawing details the outside and inside elevations of a ticket office window at Evansville, Indiana. Details include marble counter top finishes and shelf and drawer locations and specifications. Section drawings are also included.
1	21	Freight Depot at Cincinnati -- Cincinnati, OH, April 1904	C5509		Office of the Chief Engineer	Floor plan and elevation drawings for a 789'5" freight depot located in Cincinnati, Ohio. East end of the building features an 82' space consisting of offices for an agent, clerk, cashier and records. A toilet room is also included in this office space. The depot itself is split between outbound and inbound freight and is dotted with scales and recording clerk office spaces (~12' office spaces).
1	22	Electric Signal Power House -- Carmi, IL, July 23, 1907	C10212	C.A.S.	Office of the Chief Engineer	Plan for an electric signal power house for interlocking located in Carmi, Illinois. Drawing includes a floor plan for the 13'x15' house, foundation plan, end and track level elevations as well as longitudinal and cross sections.
1	23	Toilet Room Addition to Toll Taker's Cabin -- Ohio, July 23, 1909	C10503	J.W.S.	Office of the Chief Engineer	Floor plan and elevations (east and north) for a proposed addition of a toilet room to the toll taker's cabin located at the south end of the Newport and Cincinnati Bridge. Room is measured at a length of 6'3" and a width of 4'. Room includes a toilet and sink.
1	24	Line Graph Showing Water Pumped at Dortha, Hazard, Guthrie and DeCoursey, Kentucky as well as Paris and Leewood Tennessee, 1922-1945	H70009	E.R.G.		Line graph depicts the water pumped at Dortha, Hazard, Guthrie and DeCoursey, Kentucky as well as Paris and Leewood Tennessee. These recordings were made by Venturi Meters. Average daily consumption in gallons (for one month) for the years 1922-1945 are shown.
1	71	Property Map of J.C. Wiar and J.W. Cates made by Madisonville Hartford & Eastern Railroad, January 14, 1909	3036C-5		Office Engineer Construction (Madisonville Hartford & Eastern Railroad)	Map shows the property of J.C. Wiar and J.W. Cates. Acreage and its use is plotted, including: in-season crops (as of 1908) such as corn, tobacco and grain crop; uncultivated land; roads; embankments and railroad track are also drawn.
1	72	Hamilton County Survey, August 1, 1904	N/A	H.B.J. del.	N/A	1904 property survey of Columbia and Mill Creek Townships (Hamilton County Ohio). Survey details streets, residential and commercial properties, vacant lots, bodies of water, roadways, railroad structures and notations on ditches, sewers and the like.

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1	73	Garage and Servants Room January 20, 1937	N/a		N/A	Unidentified plan for a two story garage and servants quarters. Drawing includes first and second floor plans as well as multiple elevation drawings and a section and note on framing detail.	
2	25	Plan of Shanty for Laborers, August 1879	C18		Office of the Chief Engineer	Front and end elevations for a two-story laborer's shanty drawn by De Funiak. Drawing also contains framing detail and a bill of material.	yes
2	26	Watchman's House, September 3, 1881	C54	O.C.W.	Engineer's Office	Floor plan, section as well as front and side elevations of a 9'x7' watchman's house.	
2	27	Roof for Train Shed for Passenger Depot, June 20, 1882	C88		Engineer's Office	Elevation drawing of a train shed. Detail and section drawings of joints and their hardware including bolts and rivets. Bearing points are also detailed.	yes
2	28	Section House, June 23, 1882	C16		Engineer's Office	Floor plan (both first and second floor), elevations (side, front) and section drawing for a L&NRR section house. Drawing also includes a bill of materials.	
2	29	Standard Plan of Laborers Shanty, November 1883	C17		Engineer's Office	Floor plan as well as front and end elevations for a L&NRR laborer's shanty. Drawing also has A transverse and longitudinal section drawing. A bill of materials is included and broken down into rough lumber, miscellaneous and finished materials.	yes
2	30	Standard L&N Track Bolt, September 25, 1886	E21		Office of the Chief Engineer	Full-size drawing of a standard L&N track bolt.	yes
2	31	Watchman's House, April 1887	C254		Res. Engineers Office	Floor plan, elevations and section for a 7'x9' watchman's house. Roof is made of metallic shingles.	
2	32	Laborers Shanty for Southern Divisions, June 9, 1887	C17.5		Res. Engineers Office	Floor plan, track level and end elevations as well as section drawings through the side and kitchen for a laborer's shanty. Depicted shanty is drawn for the southern L&NRR divisions.	
2	32	Laborers Shanty for Southern Divisions, June 9, 1887	C17.5		Office of the Chief Engineer	Floor plan, track level and end elevations as well as section drawings through the side and kitchen for a laborer's shanty. Depicted shanty is drawn for the southern L&NRR divisions. This drawing, unlike the above, features a bill of material.	
2	33	Standard Section House for Southern Divisions, April 1893	C683		Office of the Chief Engineer	Partial elevation, cross section and framing detail for a L&NRR standard section house for the southern divisions.	
2	34	Lumber Inspector's Hammer, October 16, 1894	G328		Office of the Chief Engineer	Full-size drawing of a lumber inspector's hammer. Drawn is a 15" hickory handle and a 4 1/2" hammer head.	yes
2	35	Sand House, February 1895	C120		Office of Chief Engineer	Plan for an L&NRR sand house includes a floor plan breaking down the wet and dry sand rooms. Drawing also includes a back and side elevation, one that is finished and another set of elevations (side and back) that offers framing detail. Plan offers both a bill of material and a bill of finished materials.	
2	36	Signal Tower, December 29, 1898	C1015		Office of the Chief Engineer	Floor and foundation plans for a L&NRR signal tower. Also drawn are end elevations, section and detail drawings. Utilizes a Paul Dickenson cast iron slope chimney.	

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2	37	Mail Sack Holder, December 2, 1907	G12605	J.C.H	Office of the Chief Engineer	Plans for a mail sack holder that detail lower, upper and middle sections of the holder, as well as the holder's hook. An elevation of a rack in position is also drawn.
2	38	Directions for Erecting Columbian Mail Crane, October 22, 1908	G11313	J.U.T.	Office of the Chief Engineer	Directions for erecting a Columbian Mail Crane as used by the L&NRR. The drawing was traced from a blue print received 10/16/1908 from the Columbian Mail Crane Co. of Columbus, Ohio.
2	39	Proposed Train Order Telephone Booth January 12, 1909	C10037	J.W.S.	Office of the Chief Engineer	Sketched plan for a 2'4"x2'4" train order telephone booth. Front and end views are provided, as is a section drawing from line 'A-A' of the floor plan.
2	40	Standard Malleable Iron Lugs, February 16, 1909	G11115	J.U.T.	Office of the Chief Engineer	Plan for standard malleable iron lugs for round hoops for water tank. Drawn to a scale of one half size. Drawing shows lugs for 7/8" and 3/4" rods. Also includes a bill of material for hoops and lugs for a standard 16x24 water tank.
2	41	Standard Creo. Frame and Tank, February 8, 1910	G18004	J.U.T.	Office of the Chief Engineer	Drawing of a standard creosote frame and tank of 10,000 gallon capacity. Drawing includes a framing plan, section, elevation and plans for the frame as well as the bottom of the frame.
2	42	Warning Post, March 3, 1911	G11131	E.P.B.	Office of the Chief Engineer	Warning post to be used for all bridges, tunnels and other structures over track having clear heights above the top of rail less than 20-22' (depends on state, see plan). A bill of material for two posts is included as is a table highlighting arm and wire arrangement.
2	43	Columbian Mail Crane Sketch, May 8, 1912	G12624	W.L.N.	Office of the Chief Engineer	Sketch of a Columbian mail crane in place to show the clearance of catcher arm on the mail car.
2	44	Design 'A' Details of Station Settee for the L&NRR Co., June 17, 1912	G11145	C.H.G.	Office of the Chief Engineer	Drawing depicts station settee design 'A'. Front and end elevations are drawn, as is a section drawing for back-to-back settees. Also included on the drawing are drawings for the wall settee, which has a bench that's back does not rest up against another settee like the aforementioned, rather is flush with a wall. Bench legs utilize 'Black Japanned' cast iron shoes. Largest difference between 'A' and 'B' are the settee arms. 'A' features a curved arm rest whereas 'B' is flat.
2	45	Design 'B' Details of Station Settee for the L&NRR Co., June 17, 1912	G11146	C.H.G.	Office of the Chief Engineer	Drawing depicts station settee design 'B'. Front and end elevations are drawn, as is a section drawing for back-to-back settees. Also included on the drawing are drawings for the wall settee, which has a bench that's back does not rest up against another settee like the aforementioned, rather is flush with a wall. Bench legs utilize 'Black Japanned' cast iron shoes.

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2	46	Design 'C' Details of Station Settee for the L&NRR Co., August 1, 1912	G11147	G.A.H.	Office of the Chief Engineer	Drawing depicts station settee design 'C'. Front and end elevations are drawn, as is a section drawing for back-to-back settees. Also included on the drawing are drawings for the wall settee, which has a bench that's back does not rest up against another settee like the aforementioned, rather is flush with a wall. Bench legs utilize cast bronze shoes.
2	47	Standard Scale House, October 10, 1913	G11171	Haskins	Office of the Chief Engineer	Drawing for a standard scale house to be used for a standard 46 ft. - 150 ton scale (E&T Fairbanks & Co. 150 ton). Floor plan and rear elevation are drawn as well as a section drawing from line A-A of the floor plan. A bill of hardware and materials are also included.
2	48	Standard Rail Crossing and Plank Crossing, November 24, 1913	G11710	P.R.B.	Office of the Chief Engineer	Drawing details a standard rail crossing and plank crossing for use on paved streets. Drawing includes both a crossing to be used for streets with light travel and for streets with heavy travel.
2	49	Ellis Patent Passenger Bumping Post, January 28, 1914	G12050		Office of the Chief Engineer	Plan and detail drawings for an Ellis Patent passenger bumper post with concrete foundation and stand. Details include concrete work, creosoted timber and bills of material.
2	49	Ellis Patent Freight Bumping Post with Concrete Foundation and Stand, January 28, 1914	G12051		Office of the Chief Engineer	Drawing details concrete work, creosoted timber and bills of material for an Ellis Patent freight bumping post with concrete foundation and stand. Concrete rail anchor specs are also drawn. Plan and elevation look at rail ties with numerous detail drawings are included. Bills of material denote the location from which the parts will be coming from, including: L&N Creosote Works, L&N store keeper or the manufacturer.
2	50	Mail Bag Catcher and Mail Crane, May 2, 1914	G11725	P.R.B.	Office of the Chief Engineer	Diagram showing a L&NRR mail bag and mail crane on the inside of 3 degree curve.
2	51	Standard Steel Standpipe, July 6, 1914	G12055		Office of the Chief Engineer	Elevation and detail drawings of a standard steel standpipe with a 113,000 gallon capacity.
2	52	Plan of Proposed Steel Standpipe, July 10, 1914	G12056	Quin	Office of the Chief Engineer	Plan of a proposed steel standpipe with a 113,000 gallon capacity and 72,000 gallons above C.I. elbow. Drawing includes both an elevation and section as well as a part side elevation.
2	53	Car and Method for Arranging Tracks for Coal Delivery -- Nashville Pumping Station, August 22, 1914	G11750		Office of the Chief Engineer	Sketch suggesting a type of car (automatic dumping) and method of placing two tracks under hopper for arrangement to deliver coal from Lewisburg and Northern Railroad to Nashville Pumping Station.
2	54	Standard 10,000 Gallon Water Tank, September 17, 1914	G13219	T.W.	Office of the Chief Engineer	Plan, section and elevation for a standard L&NRR 10,000 gallon water tank. Drawing includes a plan for the top and bottom of the water tank's frame as well as a plan of the roof's frame.

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2	55	Kevel for Tying Boats, 5386	G11757	Flynt	Office of the Chief Engineer	Detail drawing of a kevel to be used for tying boats. The proposed drawing is to be used on concrete wharf on the Tennessee River. Drawing features a plan, side elevation and section details. Drawing also includes bolt detail. A bill of material is included.	
2	56	Standard Tie Inspection Hammer, August 11, 1915	G11793	T.W.	Office of the Chief Engineer	Top view of a standard tie inspection hammer head. Drawing also shows a 15" hickory handle and the type and size of letters and figures. A section drawing details how specific letters and numbers are to be placed on hammer head. A list of furnished hammers from 1914-1917 to various cities (ex: Cincinnati, Louisville, Atlanta, Nashville, Memphis, Pensacola) is drawn.	
2	57	Pneumatic Derrick Car, December 10, 1915	G15577	P.R.B.	Office of the Chief Engineer	Plan for a pneumatic derrick car including details of casting and wrought iron for boom as well as hinge and general iron detail.	
2	58	Plan of Camp Car No. 40098 -- Valuation Department, October 27, 1916	G11387		Office of Valuation Engineer	Drawing depicts proposed revisions of Camp Car No. 40098. Floor plan of the car details an office, sleeping quarters and an office. Within these spaces lamps, bunks and shelving are also drawn. Drawing includes specifications on paint, windows and doors, lamps, screens, stove and basins.	yes
2	59	Standard Dipper Tooth, June 12, 1918	G13164	B.D.H.	Office of the Chief Engineer	Drawn to a scale of 3"=1' this plan details a standard dipper tooth for an American ditcher. These teeth were made at South Louisville shops.	yes
2	60	Hog Watering Device, August 22, 1918	G13186	C.D.I.	Office of the Chief Engineer	A hog watering device and method of attaching to frame tank. Plans are traced from a design furnished by Frisco Lines from the Office of the Chief Engineer of Operations at Springfield, MO.	
2	61	Standard Watchman's House, October 1918	H91025	J.H.F.	Office of Chief Engineer (NC&StLRY)	Floor plan as well front and rear elevations for a standard watchman house for the NC&ST RY. Drawing also includes multiple section drawings and various notes on updates to the plans.	yes
2	62	Details and Mounting Methods for Electric Lighted Danger Signs, December 12, 1918	G11530	H.A.B.	Office of the Chief Engineer	Drawing shows mounting methods and details for an electrically lighted danger sign located and to be used at cinder pits. Front and side elevation are drawn, as are a longitudinal section. 25 watt light bulbs are used, behind red glass.	
2	63	Standard Section House for Foreman, February 1919	H91607	W.N.P.	Office of Chief Engineer (NC&StLRY)	Floor, foundation and elevation plans for a NC&ST RY Standard Section House for Foremen. Plan is highly detailed and includes section drawings of chimney caps, ventilators, ladders, window and door detail and porch railings. A bill of materials as well as notes regarding painting are drawn. House has a stucco finish.	yes

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2	64	Standard Tie Inspection Hammer, March 7, 1919	G11555		Office of the Chief Engineer	Full size drawing of a L&NRR tie inspection hammer. Drawing features a 17" hickory handle as well as both top and side views of the hammer head. A note is included detailing information about the lettering that is to appear on these hammers. Type and size of letters and figures is also drawn in full-scale. Corner of the plan has a list of hammer styles 25 (drawn) through 42 that have been ordered in March and April of 1919.
2	65	Standard Tie Inspection Hammer, May 14, 1919	G11567	C.O.B.	Office of the Chief Engineer	Side and top view of a standard tie inspection hammer head. Drawing also shows a 17" hickory handle and the type and size of letters and figures. A section drawing details how specific letters and numbers are to be placed on hammer head. A list of ordered hammers on July 31, 1919; May 17, 1920 and July 23, 1920 is also included.
2	66	File Case for Chief Clerk Office of Chief Engineer L&NRR Co., June 3, 1919	G13606	J.L.G.	Office of the Chief Engineer	Plan, side and front views and full size detail drawings for a file case to be used within the office of the chief engineer. Drawing also includes a bill of hardware and note re: woodwork finishes.
2	67	Standard Hog Watering Device, June 5, 1919	G11575	K.P.H., W.C.R.	Office of the Chief Engineer	Drawing of a standard hog watering device showing method of connecting to tank on frame and to underground water pipe. Plan includes a bill of material as well as multiple sketches showing the nozzle as well as the pipes in conjunction with tanks, drains and the like.
2	68	File Case for Bridge Engineering Department L&NRR Co., June 7, 1919	G13609	W.G.U.	Office of the Chief Engineer	Plan, side and front views and full size detail drawings for a file case to be used within the office of the bridge engineer. Drawing also includes a list of hardware and note re: woodwork finishes.
2	69	Plan of Rail Unloader, July 24, 1920	G13656	D.P.B.	Office of the Chief Engineer	Drawing shows a side elevation and front elevation of the mast. Also included is a floor plan for the rail unloader. Plan refers users to see other drawings as they relate, including: Air cylinder (E13672), details of castings (E13671), Castings, etc (E13673) and Timber boom (E13690).
2	70	Standard Concrete Mile Posts, January 25, 1922	G13685		Office of the Chief Engineer	Plan details various dimensions of mile post signs, including: detail of a standard post, outside and inside view of post cap, side elevation and multiple section and detail drawings. A diagram showing the setting of miles posts is also included. Instructions for making the posts and as well as marking and setting mile posts is included.