

hung at top with 3 in. bolts, and to be furnished with iron water-bars, 4 in. barrel bolts and hooks to hold them open. Cold air inlet to be protected with stout wire having $\frac{1}{4}$ in. mesh and well secured. Fuel doors to have 2 in. oak sills, to be $\frac{1}{4}$ in. panelled and prepared with stops for glazing, hung at top and furnished with hooks and 6 in. bolts. The whole of the windows above cellar (except where otherwise specified) to have proper boxed frames, 2 in. double sunk sills, outside hangings stile, $\frac{1}{4}$ in. moulded sashes hung with the best sash cord over the best iron axle pulleys. Front drawing room window to have boxed head, fixed fanlight, moulded transom as shown. Four (4) windows on front elevation to have 2 1/2 in. sashes with stops in preparation for plate glass. Windows to be fastened with approved fasteners of the value of \$4.50 per doz., and furnished with best bronze window lifts. Bed room windows, first floor, front elevation, to have simple moulded pilasters, sills, heads and transoms as shown, fanlights to be fixed and prepared with stops for lead glazing. Short window at first main stair landing, and that in linen closet, to have solid rebated frames, with stops for lead work. Windows in coat closet under main stairs, and side windows in attic to have casement sash with drip and water bar, properly hung, to have knobs, and secured with brass bolts. Dormers to be according to details and to have casement sash with drip and water bar, to be properly hung and fastened with spring catches and brass bolt. Fit to four windows in west elevation 1 1/4 in. outside venetians properly hung and fastened. Prepare four windows in front elevation for Willer sliding blinds with all necessary stops, fillets, bolts, etc., complete. That on ground floor will be made to slide in pockets, behind w.-w. back, and covered with hinged flap. Entrance door to have 6 in. x 4 in. rebate and 2 1/2 in. moulded frame, to be 1 1/2 in. panelled and moulded and prepared with mouldings above for glazing, to be hung with three 5 in. loose butt bronze hinges, and furnished with hall door lock of the value of \$4, and having 2 1/2 in. bronze knobs. Vestibule doors to be 2 1/2 in. panelled and moulded below, and prepared with mouldings above for glass, doors hung in rebated and moulded jambs with three pairs of 4 in. loose butt bronze hinges, and secured with 4 American lock bolts, 2 in. round sunk sills, bronze knobs and furniture, 9 in. bronze flush bolts. Back porch door to be 1 1/2 in. panelled and beaded flush, hung on 6 in. x 3 in. rebated and chamfered jambs, having 2 in. oak sill, to be properly hung and furnished with Carpenters' rim lock, white furniture and 8 in. barrel bolts, hinged and bolted fanlight. Side porch door to be similar, but to have hall door lock of the value of \$2, panelled and beaded flush, hung on 6 in. x 3 in. rebated principal frame, to be 1 1/2 in. panelled and moulded and hung 1 1/2 in. rebated jambs. Doors to principal rooms, ground floor, to be hung and furnished as specified for vestibule doors, those to first floor to be hung with 4 in. loose butt Berlin bronze hinges and furnished with 4 in. American mortise locks, brass bolts and keys, and porcelain and plated furniture. Sliding doors to have proper overhead track, and to be furnished with roller hangers, and rollers, slides for hangers, and rollers for fingers. The other doors throughout (unless otherwise specified) to be 1 1/2 in. panelled and moulded, hung with 4 in. loose butts to 1 1/2 in. loose jambs, and furnished with American mortise locks, brass bolts and porcelain and plated furniture, two doors in attic to have pivoted fanlights. Closet doors to be 1 1/2 in. moulded one side, furnished with locks and furniture to correspond with other doors. Doors marked "swing" to be 1 1/2 in. thick hung with nickel plated, Chicago spring hinges, and furnished with porcelain finger plates, both sides, and brass bolts. Opening marked "curtains" will not have doors but to be prepared for them, with related jambs, casings, etc. Doors in basement to be 1 1/2 in. batten in 1 1/2 in. jambs, having stops planted on, hung with 4 in. butts, and furnished with rim locks and mineral furniture. Architraves on ground floor main building to be 5 1/2 in. double faced with beaded moulding. Architraves in first floor to be similar 4 1/2 in. wide. Architraves in small rooms, passages, kitchen, attic, etc., to be 4 in. moulded with plain chamfered borders. Put 2 1/2 in. picture mould at spring of cove in drawing room. Windows, except those to two principal rooms, ground floor, to have 1 1/2 in. moulded window boards, bed moulds and moulded aprons. Windows of drawing and dining rooms to have panelled and moulded window backs. Front steps to have turned newells, moulded rail and balusters as shown, tread to be 2 1/2 in. and 1 1/2 in. Bed room doorway to be fitted up with six tiers of 1 in. dressed and beaded shelving supported on proper brackets. Fit up dressers in kitchen and service pantry, having 1 1/2 in. panelled and moulded doors, properly hung and fastened, 3 in. beaded shelving—lower portion to be wider and to have drawers and cupboards below, having properly hinged and fastened doors, all according to detail; top of wider portion of dresser will be flush with top of sink, and to be hardwood, proved for rainwater. Bed room kitchen to have beaded shelves as shown, 5 in. beaded mill and strong bronzed metal hooks, 9 in. apart. Provide 30 feet of beaded rail with hooks 9 in. apart, to be placed where directed, also 100 feet of shelving on bearers, all in addition to that specified for closets. Hanging shelf in ladder to be of 1 1/2 in. stuff, suspended from ceiling with four 3/4 in. wrought iron rods. Fit up two tiers of 1 1/2 in. shelving at each end of ladder on proper supports. Linen closet to have wide shelves, six in. high, and enclose those at one end with hinged cedar doors, fastened with spring catches. The steps in back porch to be of pine 1 1/2 in. treads, 1 in. risers, 2 in. strings, rounded rail, bar balusters and chamfered newells. Fit up stands for kitchen and cellar sinks with hardwood capping. Do all necessary attendance and fitting for bath, basin and water closets (not including plumbers' work). Case plumbers' work where required with narrow shelving hinged and bolted at front. The capping of bath and lids and seats of w.c.'s to be of cherry, the latter supported on moulded brackets; w.c.'s to have double lids for stop sink. Front of bath to be of same sheeting as specified for room; panelled, hinged and bolted doors to front of basin. Provide all necessary boxing and beaded runs to pipes; do any necessary cutting for plumber. W.c. in cellar to be enclosed with sheeting, and batten door, and hung and fastened as other basement doors. Door to be kept 6 in. from floor and ceiling. Borrowed light as shown. Put a in. plank in yard at doorway as shown, on 4 in. x 4 in. cedar sleepers. Form slatted walks as shown with 2 in. x 2 1/2 in. dressed stuff, dressed three sides, on 4 in. x 3 in. cedar sleepers; put rounded curb at edges of that to main entrance. Put side gate as shown, formed with narrow pickets, and strong framing, hung with strong T. bars and furnished with wrought iron thumb latch bolt and padlock, dressed and rounded cedar posts, footed, and having chamfered head piece. Erect short piece of picket fence 6 feet high on south side to harmonize with gate, also a short piece on north side of porch. Fuel bins to be constructed of 2 in. horizontal planking, strongly nailed to 4 in. x 4 in. posts extending from floor to ceiling; the front to be made to slide in grooves for removal. Construct a covered walk, 15 ft. long, and 4 ft. deep, of 2 in. matched stuff with hinged valve, which will close inlet from floor when opening that from outside. Carpenter to attend on other trades in the execution and for the perfect completion of the work.

SLATER.

Lime valleys with galvanized iron 15 in. wide, increasing to 18 in. near foot. Joints to be soldered where in danger of snow backing up water, and to have 4 in. lap in other places. Cover ridges, etc., with No. 28 iron.

Step and cloak flash against all walls, chimneys and checks and apron of dormer. Put strip of galvanized iron 5 in. wide, 3 in. on roof and 2 in. drip over back of gutter, well secured. Cover flat of cornice over three windows on first floor with galvanized iron, lapped, tacked and soldered, and turned up 6 in. behind tiling. Cover the sloping roof, including back porch and checks of dormer, with best quality of Canadian roofing slate from the Rockland quarries of about 20 in. x 11 in. size, and having double courses at eaves. Slates to be laid on heavy felt provided and laid by slater. All exposed portions of dormer to be carefully covered with felt well lapped. Cover east and south gables as shown with Dancy's, Ontario, or other equally approved tiles, of good rich, dark red color, well secured to walls, and laid on heavy felt, well lapped and tacked.

TIMSMITH.

Put 4 in. eave troughs of galvanized iron to eaves of back porch, and 5 in. do. to eaves of house of No. 28 gauge iron. Gutters to be stiffened with 2 in. x 5 in. x 7 in. w.r.o' iron bars and well secured to rafters, and to have backs carried up to slates. Put three (3) stacks of 4 in. octagon down pipes to house and one 3 in. to back porch, all to be of the very best iron No. 28 gauge, approved brand, properly connected with gutters, secured to walls with iron holdfasts, and extending to surface of ground and there connected with drain pipes with proper caps to pipes. Carry 3 in. down pipes from gutters on south gable to main eaves.

PLUMBER AND GAS FITTER.

Lay on through house best tested iron piping, beginning with 1 1/2 in. at meter, and connected with various points marked on plans with letters P for pendants and B for brackets, nipples left capped ready for fixtures. Pipes to diminish according to position to 1 in., 3/4 in. and 1/2 in., all to be thoroughly tested. Drop lights to be taken out of the side of supplies and all supplies to brackets to rise from supply below, and in no case to drop from pipes overhead. Lay on separate supply from separate meter, to two fire-places on ground floor and to gas-stove in kitchen, beginning with 3/4 in. and diminishing to 1/2 in. Provide cocks with keys at fire-places, lay on water to sink, bath, basin and water closets with 3/4 in. 6 lb. lead supply. Service from street line to line of branches to fixtures to be 3/4 in. 8 lbs. lead. Provide hose connection at window of furnace room, with key cock, and provide stop and waste cock near floor. Put 3/4 in. brass stop and waste cock immediately inside wall of house, and all pipes to be graded to this point. Fit up in both room 1 1/2 in. 14 gauge, lined and planished copper for pendants and B for brackets, nipples left capped ready for fixtures. Put heavy plated, Fuller double butt water closets, painted rose and 1 1/2 in. overflow, 1 1/2 in. waste, Dubois trap, and brass trap screw, and plated plug and chain. Wash basin of best marbled earthenware, oval, and having Mottis standing waste, 1 1/2 in. counter sunk marble top, 1 in. back and end, 1 1/2 in. high, heavy plated Fuller cocks, 3/4 in. hot and cold lead supply and 1 1/2 in. lead waste, Dubois trap and brass trap screw. Basin to be attached to marble top by means of brass studs. 6 lbs. lead, hot and cold supply, and hot and cold flushing rim wash-out closet, equal in value to the Indoro or Unions, with lead lined tank, having brackets, valves, supply, overflow, ball cock, etc., complete. Provide porcelain drip tray. Soil pipe to be 4 in. of cast iron carried from drain 2 feet beyond wall to 4 feet above roof at point of exit and to down pipes at surface of ground, to be coated both sides with coal tar and joints carefully caulked with oilum and lead. Dig for these pipes and replace earth properly leveled, and cast away surplus if any. Pipe to be of weight called for in city by-law. Provide all necessary traps, and hand-holes, with brass cleaning screws as shown. Foot of soil pipe will be supported on brick pier built by mason. Carry 2 in. cast iron waste from kitchen sink along ceiling of cellar to main soil pipe, supported on w.r.o' iron hangers. Carry a 3 in. cast iron vent pipe from basement closet connecting to soil pipe above highest fixture (in both room), and leave connections for vents from the various stoves as required. Tie in soil pipe to be enlarged to 6 in. above roof line, and to have opened mouthed top. Carefully flash on to roof with 16 oz. copper, into tub which must be kept clear of roof. W.c. in basement to be a flushing rim, cane waste wash out with 4 in. trap, syphon, cistern, etc., complete. Ventilate from seat to special fix in laundry with 3 in. galvanized iron pipe. Put a 7 in. diameter enameled waste register in vent fire near ceiling of room. Put a 9 in. x 12 in. waste register in vent fire near ceiling of kitchen. Connect to tile drain by means of 4 in. cast iron pipe connected to drain and carried 2 1/2 feet above finished ground line with return bend top. Put under bath and wash basin on first floor proper safes of 3 lbs. lead with 3/4 in. waste, with brass flap valve on the same emptying over kitchen sink. Carry proper safes under all pipes crossing ceilings. Sake under w.c. on first floor to be of marble, 1 1/2 in. thick and counter sunk; put under bath on outlet of waste pipe to be of marble, 1 1/2 in. thick and counter sunk; put under kitchen sink a 3 in. 6 lb. lead waste, with brackets and enameled back and having 1 1/2 in. heavy lead waste with Dubois trap, and brass trap screws and hot and cold supply of 3 in. lead pipe with brass Fuller cocks. Fit up in kitchen at back of stove on proper stand a heavy galvanized iron round topped cylinder of 40 gallons capacity, with 3/4 in. heavy lead hot and cold supply, 3/4 in. brass connections with stove in kitchen with shut-off cock; connect to stove with 1 in. iron pipe. Cylinder to have 3/4 in. sediment pipe and cock at bottom; also place 3/4 in. stop cock on supply pipe. Boiler to be supplied from pressure; provide combined safe and vacuum valve. Fit up small cast iron sink in cellar, having 1 1/2 in. lead waste, trapped and supplied as other sink. Overflow pipe from basin and bath: to be branched into dip of traps from same. Make all necessary Y branches for work as required, all waste pipes to have vents of 1 1/2 in. and 2 in. lead pipe, carried into 3 in. pipe before mentioned. Vents for w.c.'s to be 3 in. diameter. Provide and fix from hall near head of main stairs to kitchen a proper tin speaking tube, with silver plated mouth pieces, etc., complete. All to be left complete and perfect in every particular. All work to be in conformity with city by-laws.

PLASTERER.

Inner face of all outside walls, including attic, to be well rendered with best hair mortar after tiling has been laid, and after battering is executed, and make the wall light also between all joists, etc., entering there, also about all door and window frames. Floors at gable in attic to be defended with mortar 1 1/2 in. thick. Lath the partitions, ceilings, soffits of stairs and other places prepared for lathing, with the best sown pine laths, 1 in. wide for ceilings and 1 1/2 in. for walls, 5-16 in. apart, ends butt and joints broken over 18 in. Outer walls will be battened for lathing. Porch will not be plastered. Plastering to be of the best two coat work, hard white finish. The ceilings of cellars throughout to have two coats hard white finish. The first coat of plaster in all cases to be continued behind, skirtings, trimmings, etc. Form slightly rounded corners to all projecting angles to principal rooms and hall on ground and first floors. Simple cove in drawing room springing from wooden picture mould. Plaster cornice in dining room to be 2 1/2 in. girth, and in kitchen 1 1/2 in. and in vestibule 1 1/2 in. Put 2 1/2 in. moulded centre molding and drawing rooms, and 1 1/2 in. diameter to hall. Form simple moulded beams in ground and first floors as shown by dotted lines. Twice time whitened walls of cellars. The whole to be executed with the best description of material and workmanship, and to be