

S M I T H .

S M I T H.

GUARD RAILS.

Provide to all parapets with the exception of return on Eastern and Western side from Collins St., to First Light Area at rear of Collins Street, & to Flat Roofs, Area Roofs, guard rail of $1\frac{1}{2}$ " gal. pipe standards spaced about 6' c-c.

No. 2 horizontal piping rails $1\frac{1}{4}$ " complete with tees, bends, elbows and flanges, lewis bolted to parapets as detail.

GUARD RAIL TO ESCAPE STAIRS.

Provide to the External Escape Stair and stair from the roof of the eleventh floor to the roof stairs to Basement over the tenth floor, and also to balustrades on parapets Eastern and Western elevations, continuous wrought iron balustrade constructed with $2\frac{1}{2}$ " x $2\frac{1}{2}$ " x $\frac{1}{4}$ " angle steel standards, 4' apart lewis bolted to strings with $\frac{5}{8}$ " diameter lewis bolts.

Hand rail of $1\frac{1}{2}$ " black iron pipe with special forged shouldered connections and bends and resting on cast iron saddles bolted to standards.

Two intermediate rails of $1\frac{1}{2}$ " x $\frac{1}{4}$ " mild steel flat bolted to standard with $\frac{1}{2}$ " diam. bolts and bent and forged. Two similar cross rails as per sketch bolted as before and at centre. See detail No.

FIREPROOF DOORS. Provide and hang Nos. 11 fire-proof swing doors to Escape Stair, 7' x 4'.

Provide and hang in corridors to ~~all~~ **all** floors, ~~Roller Shutters~~ Nos. 42 in all, the width of the Corridor with all necessary guides etc. and casing to heads. Provide and hang to No. 1 lift on First Floor, one pair fireproof doors on small passage at rear of this Lift, opening on to Temple Court Place.

The doors of the Lift are to be fitted with Iron

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covered hinges, eyes and staples.

The doors leading on to Escape Stairs are to be made self-closing, with the approved balance weights across and guide pulleys complete.

Provide all other appurtenances in accordance with the Fire Underwriter's requirements in every detail.

Allow the sum of 9/- per sq. ft. for these doors, /^{2 shutters}
complete with all hinges, handles, etc.

WEIGHTS.

Provide the sum of 50/- each door for ropes and weights and fix same.

For roller shutters and casing for same, see Detail No.

Fire Doors on Ground Floor.

~~Provide where shown on Ground Floor, sliding fire-proof doors in recesses.~~

~~Doors to have 3" cover.~~

~~Allow the sum of 9/- sq. foot for door and allow for all runners, fusible link catches etc.~~

Fire Doors to Caretaker's Quarters.

Provide sliding fire door to exterior door of Caretaker's Quarters.

Allow 9/- sq. ft. for door and allow for all runners, fusible line, catches etc.

STRONG ROOM
DOORS & FRAMES.

Allow the sum of £1643 p.c. for Nos. 53 Strong Room doors and frames complete

The Contractor is to leave the necessary opening, but is not to allow for fixing.

PAVEMENT LIGHTS. In all Areas where shown, put pavement lights p.c. 20/- with cement filling.

Allow for forming gutters.

Allow for forming ventilating louvres with wired glass louvres and copper gauze at rear.

See detail No.

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PAVEMENT LIGHTS
TO ENTRANCE.

To Little Collins Street, Entrance from Little Collins Street, and Entrance from Mitre Place, where shown, put pavement lights, p.c. 21/- per ft. with Terrazzo filling. Put 9" x 6" Bluestone Kerb.

General Note.

Pavement lights to be supported every 4' in accordance with the requirements. All steel joists as detailed cased in concrete and plastered.

Allow for plastic expansion joints and guaranteed against fracture.

CART WHEEL
GUARD.

Bolt on to concrete walls and piers facing Lane of Temple Court Place and Mitre Place, sheet steel $\frac{1}{4}$ " thick and 2'6" wide, bolted to concrete with $\frac{3}{8}$ " bolts and counter sunk heads, bolts to be placed at 15" centre, and either ragged or bent back into concrete. Bend round angles of piers and window openings, 4". Face of the steel to finish level with cement rendered.

RUBBISH SHUTE.

Allow the sum of £5.p.c.ea./^{door} for Rubbish Shute. This price includes a frame, but the Contractor is to build recess where shown.

COAL SHUTE.
COVER.

Provide the sum of £5. for cover for Coal Shute. Contractor is to allow for fixing and for building concrete baffle wall.

HOIST.

Provide the sum of £100. for small hand hoist for Coal Shute and allow for fixing.

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INSPECTION
DOORS TO
SMOKE FLUE.

Provide No. 6 inspection doors for smoke flue, measuring 2' x 18". Build in 2" x 1½" Angle iron frame with No. 9 ½" bolts fixed in same, and provide cast iron rebatted cover drilled to receive bolts.

Provide nuts, washers for same complete

METAL CASE
FIRE HYDRANTS.

Where shown on each floor, provide metal case for Fire Hydrants, measuring 2'9" x 1'6", p.c. 3/- per square ft., and prepare for glazing. Glaze with ¼" polished plate and hinged door, with lock etc. to approval and paint on the words "FIRE HOSE" in 2" red letters. Where no recess is shewn allow p.c. of 25/- for case & paint similar.

RECESS FOR
MAIN ELECTRIC
SWITCHES AT
EITHER END OF
THE BUILDING.

Provide and fix in recess where directed, main electric switches. Provide and fix bronzed metal angle frame and door glazed with British polished genuine plate, embossed border as directed, and provide with lock etc. This is to be carried out to the requirements of the authorities.

GUARD WIRE TO
AREAS ON LANE.

Construct frames to two area openings on Temple Court Place of 1¼" gal. piping with screwed joints, all junctions, tees, holders etc., and flanged piece bolted to walls. Cover same with woven cyclone Chain Wire, 1½" mesh, 9 gauge, wired to frame.

BURGLAR BARS
TO WINDOWS.

small
The/windows shown to Temple Court Place on the First Floor ~~and the windows shown on Mitre Place, Ground and 1st Floor~~ are to be protected by 1" circular wrought iron bars spaced 7" c-c built into the concrete and passing through Nos. 2 2½" x ½" flat bar holed to receive rods carried into concrete walls 6" with ends splayed and bent.

FIXINGS FOR
FLAG POLES.

Nos. 2 steel stanchions will be carried up above roof line for fixing poles.

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IRON LADDERS.

Iron Ladders to tanks and lift rooms, and iron ladder from Temple Court Place to Basement, to be constructed of 2" x $\frac{1}{2}$ " flats with 1" circular treads, ladders to be hooked over wall at top and bolted into concrete in two places at either side.

VENT SHAFTS TO AREAS.

The vent shafts to areas to be constructed of 20 gauge gal. sheet iron fixed to wrought iron frame, consisting of $1\frac{1}{2}$ " x $1\frac{1}{2}$ " angle irons at all corners, and 2" x $\frac{1}{2}$ " flat iron cross members with 2" x $\frac{1}{2}$ " flat wrought iron straps bolted to frame and built into concrete ceiling.

The opening to outer walls to have metal frame filled with coppered gauze p.c. 2/9 per square ft.

CYCLONE GATE TO ESCAPE STAIR.

Allow the sum of £5 p.c. for hinged cyclone gate, block etc. complete at Entrance to Escape Stair from Temple Court Place, and hang same.

GALV. IRON TIES.

Provide galv. iron bonding ties for concretor.

COVER FOR CONDUIT.

Allow to build wood slips in boxing on ceilings, walls, beams and columns to form chase for conduits.

CONDUIT IN BEAMS.

Allow to build piping through concrete beams (2 each beam) to take conduit through beams.

FLAG POLES.

Allow the sum of £45 each nett cost for No. 2 Steel Flag Poles, 8" diameter at the bottom and 4" diameter at the top, with joints electrically welded, including base plate, cast iron truck and brass sheave and allow for fixing to steel stanchions, mentioned before.

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This price does not include the price of halyards.

The Contractor is to allow for 90' run to each flag pole of flexible wire halyards and allow for cleat and fixing same.

METAL WORKERS.

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METAL WORKER.

LIFTS.

GENERAL.

Specification for supply, installation and handing over in running order of seven electric lifts, four to be installed at Collins Street end of Building and three at Little Collins Street End.

CONDITIONS.

The Contract shall be carried out in accordance with the conditions approved by the Institute of Engineers of Australia. All to be in accordance with the Fire Underwriters Association, Electric Supply Authorities or any body having authority over Electric machinery.

WINDING GEAR.

The Winding gear shall be placed overhead in room provided by General contractor.

Six Lifts shall be capable of lifting a dead load of 2000 lbs. at a speed of 350 feet per minute. This speed to be reduced to 300 feet per minute.

The gear shall be of Traction Geared Drive Pattern and shall be fitted with an approved governing device operating on runners.

CONTROLS.

Four Lifts Collins Street end shall operate for twelve floors and three Lifts Little Collins Street end for eleven floors eleven openings.

Three of the front lifts shall be car switch controlled and one dual control.

Two of the rear Lifts shall be car switch controlled and one dual control.

The dual control cars are to conform to the required speed of the Lift Act for dual control.

One of rear lifts to have cage with two openings. The rear opening being available for ground floor only.

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- RUNNERS. The runners of all lifts and weight guides shall be Tee Section Steel plained.
- TRAVEL. The travel of the lifts, Collins Street end is 118'6".
" " " " " Lit.Collins St. " " 107'6".
- THE CONTROLLER. The Controller shall be of Electro Magnetic Type on vertical boards of approved design and workmanship.
- MOTORS. The Motors shall be of at least 30 H.P. per lift. The installation of the Motors shall include the mains from switchboards in basements under lift shafts and they shall be connected to lugs attached to switchboard. Provide 1 spare armature.
- ROPES. Four ropes each lift with requisite safety margin.
- OPERATING DEVICE. The operating device of dual control lifts shall be series of push buttons for automatic control and car switch for car switch control.
- CAR. Allow sums of £250. p.c. each cage fitted with Electric Light and Radiator.
- INDICATING SYSTEM. Allow sum of £200 p.c. each lift for indicating system to approval.
- ENCLOSURE. General Contractor will provide enclosure.
- NOTICES. The Lift Contractor is to give and receive all notices and pay all fees.
All work to be done to satisfaction of the Architects whose decision in the case of a dispute will be final.
- PRIME COST. Allow the sum of £13,500 for supply and erection of seven lifts complete in accordance with following specification and including p.c. sums mentioned therein.
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LIFT DOORS.

Provide the sum of £4,100 for No. 82 Lift doors, framed, runners, locks complete. This price allows for the supply and erection of all fireproof doors to lifts and lift doors. *Fire underwritten*

Also for metal angle frame enclosing marble on outer edge of jamb and head, and metal angle frame on inner edge of jamb of door openings.

ART METAL TO ALL WINDOWS ON COLLINS STREET ELEVATION.

Allow the sum of £3350 p.c. for supply and delivery of all art metal work to windows on front elevation including panels timber framing for same and pilasters, but excluding steel frame sashes, pivots, glazing etc.

Contractor to allow for fixing.

METAL LETTERS ON COLLINS ST. & LITTLE COLLINS ST. ELEVATIONS.

Allow the sum of £35 p.c. for supply and delivery of letters "TEMPLE COURT" on front and rear elevations. Contractor to allow for fixing.

MAIN CORNICE COLLINS ST. ELEVATION, & RETURNS.

Allow the sum of £500. p.c. for supply and delivery of Main Cornice on Collins Street elevation with short returns at end. Contractor to provide for corbelling out and is to build in and allow for all fixing.

ENTRANCE DOORS & SCREENS TO SIDE OFFICES, COLLINS STREET ELEVATION.

Allow the sum of £650 p.c. for supply and delivery of metal doors, side lights, fanlights, panels and soffits of two doorways to side offices. The Contractor to allow for fixing. This price does not include glazing.

LAMP STANDARDS COLLINS STREET ELEVATION.

Allow the sum of £15 each for supply and delivery of No. 4 lamp standards. Contractor to allow for fixing. This price does not include bowl or wiring.

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REVOLVING
DOORS IN
MAIN EN-
TRANCE.

Allow the sum of £1000 p.c. for supply and delivery of No. 2 revolving doors, cases, returns to walls, and wrot grille over. The Contractor to is/allow for fixing.

DIRECTORY
CASES.

Allow the sum of £75 p.c. each for supply and delivery of No. 4 Directory cases with ivory slips, hinged doors etc. complete. Contractor to allow for fixing.

COLLIAPSIBLE
GATES.

Collapsible Gates in Collins Street.

Allow the sum of £70 for collapsible gate to Collins Street, with all guide bars, fixing rods, lock etc. complete. Contractor to allow for fixing.

Collapsible Gate to Little Collins Street.

Allow the sum of £60 for collapsible gate to Little Collins Street with all guide bars, fixing, rods, lock etc. complete. Contractor to allow for fixing.

Collapsible Gate to Mitre Place.

Allow the sum of £40 for collapsible gate, all fittings etc. and fix same across Entrance at the First Floor level from Mitre Place.

METAL GRILLES.

Allow the sum of 25/- p.c. per sq. ft. for all wrot metal grilles on Collins Street, Little Collins Street Elevations, including balustrade to balcony and balustrade to parapet on Little Collins Street Elevation. Contractor to build in and allow for fixing.

STEEL WINDOWS
COLLINS ST.

Allow the sum of 7/6 p.c. per sq. ft. for all windows on Collins Street Elevation, including all opening sashes. Glazing excluded.

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WINDOWS TO
AREAS &
LANES.

Allow the sum of 2/9 p.c. per sq. foot for all windows opening on to areas, Mitre Place and Temple Court Place, lavatory windows included.

WINDOWS SHOWN
ON BOUNDARY OF
ADJOINING PRO-
PERTY.

Allow the sum of 5/6 each per square ft. for double frames and sashes to all windows shown on boundary of adjoining properties, and allow for double glazing as after.

*All windows on areas & pavilions other occupation to be
of standard type*
per sq.ft.

WINDOWS TO
LITTLE COLLINS
ST. ELEVATION.

Allow the sum of 7/6 p.c. for all windows on Little Collins Street elevation other than Show Windows including all opening sashes, but excluding glazing.

SEMI-CIRCULAR
WINDOW OVER
ENTRANCE TO
LITTLE COLLINS
STREET.

Allow the sum of £15 p.c. for wrought metal work to semi-circular window over the Main Entrance from Little Collins Street.

This price does not include the cost of the steel frame or sash.

SHOW WINDOWS
TO LITTLE
COLLINS ST.
ELEVATION.

Allow the sum of 5/- p.c. for frame mold and head mold, top mullion and transome mold and 15/- p.c. for sill mold. Allow for glazing the top hamper of windows with lead lights as afterwards.

STALL BOARD
LIGHTS.

Allow the sum of 4/- p.c. per ft. for stall board lights shown on elevation, Little Collins St.,
~~Stall Boards in Mitre Lane.~~

~~Allow the sum of 4/- p.c. per foot for stall board lights in Mitre Lane.~~

~~Stall Board Lights to Areas.~~

~~Allow the sum of 4/- p.c. per foot for stall board lights to Areas.~~

FANLIGHTS TO
ESCAPE STAIR
DOORS.

Allow fanlights over Escape Stairs fire proof doors, p.c. 2/9 per sq. foot, and allow to pivot-hang.

FANLIGHT OF
DOOR TO MITRE
PLACE.

Fanlight of door to Mitre Place similar.

FANLIGHT OF
DOOR TO CARE-
TAKER'S QUARTERS.

Fanlight of door to Caretaker's Quarters similar.

OPENING SASHES.

On all windows to areas, allow the sum of 30/- p.c. for single sash, pivot hung to open and 35/- p.c. for double sash pivot hung to open.

All sashes opening are marked on the elevation with an X on the sash.

Note:- The P.C. sum stated for the windows on the Collins Street and Little Collins Street elevation includes the cost of all opening sashes.

GENERAL.

The whole of the windows throughout, are to be steel sashes and frames, frames and sashes to be of rigid construction, oxy welded and fitted with the necessary beads, water bars, pins etc. complete. Frames to be lewised to walls and piers and to be made perfectly waterproof. The frames unless otherwise specified are to be fixed in the centre of the thickness of the wall.

All frames are to be obtained from an approved Manufacturer and details and sample are to be submitted and left with the Architects, and their approval obtained.

Provide on the inside of the window, small bracket screwed or bolted to sash for blind fixing.

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CAPITALS TO
COLUMNS, EN-
TRANCES &
MAIN CORRIDOR.

All columns in the Entrance from Collins Street, the Entrance from Little Collins Street, the Lift Hall on the Ground Floor and the First Floor in Collins Street and Little Collins Street are to be provided with capitals of pressed metal, p.c. £3 each.

This price covers capital on the face of the column facing the Corridor and the return to the partition. Contractor is to allow for fixing.

CAPITALS ON
PILASTERS
FACING THE
MAIN CORRIDOR.

Allow the sum of 15/- each for small pressed metal capitals on pilasters for all door architraves facing Main Corridor. The Contractor to allow for fixing. Ground floor only.

CAPITALS ON
COLUMNS TO
ELEVATION IN
COLLINS ST.

No. 8 in all.

Allow the sum of £7 each p.c. for cast metal capitals to columns on Collins Street elevation. The Contractor to allow for fixing.

ANGLE IRON
FOR MARBLE.

Allow for stopping marble to Lift Front on all floors other than the Ground Floor with 1½" x 1½" coppered steel angle iron. See detail No.

ANGLE IRON TO
MARBLE AT
STAIRS.

Marble surrounding openings to stairs to be stopped with 1½" x 1½" coppered steel angle iron.

MAIL SHUTE.

Allow the sum of £545. for the supply and delivery of Cutler Mail Shute. The price includes:-
Cutler Mail Shute of Model F. type.

A Mail Box on Ground floor.

Supporting frame of 2" x 2" x ¼" steel angles and 11 telescoping sheet steel floor thimbles.

The Contractor is to allow for fixing.

HAND RAILS.

Hand rail of Stair near Collins Street from landing above First Floor upwards and hand rail of stair near Little Collins Street from landing above second floor upwards.

Balusters to be of wrought iron p.c. 27/6 per tread screwed to 2" circular polished coppered brass hand rail curved, and bent to centre rail at landings and with nosed end stops at landings to side rail.

Against wall fix forged, polished coppered steel brackets to detail, to support balustrade on wall.

STRAPS OVER
JUNCTION OF
MARBLE, COLLINS
ST. & LITTLE
COLLINS ST.

Put 2" x $\frac{1}{4}$ " coppered steel flat bars across marble panelling at joints to Main Entrance to Collins Street, with butted joints and cast metal embossed rosettes at each junction.

See detail No.

IRON GUARD
TO MAT WELLS.

Form sunk mat wells in marble and stop marble against $1\frac{1}{2}$ " x $\frac{1}{2}$ " steel bar.

Marble need not be continued under mat wells, but cement rendering will be used.

REINFORCED CONCRETE.

REINFORCED CONCRETE.

GENERAL.

The construction generally is to be reinforced concrete except where indicated on the Beam Plan, Stanchion Plan and all steel work will be clearly indicated on the Steel Work Plan.

All materials and workmanship are to be of the best, and are to be in accordance with the best modern practice, and all work is to be done under the direct supervision of a capable foreman experienced in reinforced construction.

CEMENT.

Is to be high grade, well seasoned Australian Portland cement. Is to be delivered in suitable packages with the brand and name of the Manufacturer clearly marked thereon. Is to be stored in a suitable watertight building, and kept free from moisture.

SAND.

Is to be coarse, sharp and clean, free from clay, dirt, loam or other foreign substances. Is to be furnished as required for making "cement sand" samples for testing.

STONE.

Is to be clean, sharp bluestone, free from all foreign substances. Is to be crushed to pass through a $\frac{3}{4}$ " ring and is to be screened clear of all dust and sand and of all stones which will pass through a $\frac{1}{4}$ " mesh.

REINFORCEMENT.

Is to be open hearth or Bessemer "Medium" steel in the form of plain round rods, and having the properties required by the Manufacturers' Standard Specifications.

MIXTURE.

Determination of Proportions:-

1. Bottomless boxes of dimensions approved by the Architects are to be made for determining the proportions of sand and stone, and are to be carefully preserved throughout the progress of the work.
2. Proportions of cement to be determined by the weight on the basis of one cubic foot weighing 100 lbs.
3. All mixtures to be made with a suitable mechanical batch mixer.

Consistency of Mixture.

The mix is to be wet, the exact consistency being determined by the Architects at the building.

The mixture is to be as required by Melbourne City Council.

CEMENT MORTAR.

Is to be mixed in the proportion of one part of cement and two parts of sand.

FORMS AND MOLDS.

Are to be provided for all parts of the work except bottom and sides of footings.

Are to be made of Oregon free from shakes, loose knots, warping splinter etc. where adjacent to concrete.

Are to be accurately put together and nicely fitted with close joints.

Are to be sufficient thickness with sufficient ties and bracing to prevent all deflection, whether from the weight of concrete, men or machinery or from ramming of the concrete or from other work going on.

Are to be securely supported at frequent intervals to prevent any change in form. The supports are to be carried down to solid work and must in no case rely on recently erected construction.

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The method of support is to be subjected to the approval of the Architects.

Are to be installed so that columns, girders, piers, beams, slabs etc. shall be plumb, level and true.

Are to be properly limewhited on the surface in contact with the concrete. Are to be constructed as to be readily taken down without damaging the concrete. Are to be thoroughly cleaned and swept just before concrete is dumped, suitable openings being installed at the bottom of all column forms for cleaning and inspection.

Are to be left in place until the concrete has set sufficiently as approved by the Architects.

All right angle corners on girders, beams and columns are to be prevented by installing triangular strips in the forms.

CONSTRUCTION WORK.

PLACING
CONCRETE.

The concrete is to be placed carefully so as not to separate the aggregate.

Each layer is to be thoroughly tamped and spaded so as to bring the water to the surface, to completely fill the forms and to pack solidly round all reinforcement. Wherever the concrete is to be exposed it is to be prised away from the forms before tamping so that the mortar will be brought to the surface. Joints due to temporary stopping of work are to be made where the least harm to strength and appearance will be produced by the lack of a perfect monolithic construction.

All concrete is to be kept thoroughly wet down in warm weather for one week after being placed, and where feasible to be protected from the sun. All anchor bolts etc. are to be built in, care being taken to pack the concrete closely round them.

After the forms are removed all necessary repairs are to be made with cement mortar to produce a smooth flush finish.

REINFORCEMENT. All concrete is to be reinforced with steel as indicated on details and as directed by the Architects. No reinforcing steel is to be painted or oiled, but is to be thoroughly cleaned and freed from rust scales before being set in place. All reinforcing steel is to be carefully and accurately placed and securely tied in place so as to ensure the preservation of its proper shape and position after the concrete is placed and tamped. Rods are to have a lap of 40 diam. unless otherwise indicated on the Drawings or are to be secured to develop the strength of the rod in manner approved by the Architects.

All column and pier reinforcing rods are to extend from lower columns or piers to 2' above each floor and are to be accurately bent to details to suite size of columns immediately above. These rods are to be tied together with steel hoops every 12" in height properly looped round rods. Where column rods rest on caps of steel columns, rods are to be neatly square cut and faced to ensure an even bearing on caps. All rods in beams and girders to be in single lengths. Rods in walls and floors to be wired at every second intersection with fine gauge steel wire. All laps in rods to be similarly wired. All re-

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inforcement is to be so placed that it shall be covered by concrete not less than $\frac{3}{4}$ " in slabs and not less than $1\frac{1}{2}$ " in girders, beams and columns. All reinforcing steel is to be inspected and approved in place by the Architects before it is covered with concrete, and no concrete is to be placed until the approval of the reinforcement by the Architects has been obtained.

FINISH.

All concrete is to be rendered as hereafter specified both internally and externally, floors to be floated with cement and sand 3 to 1. Finish perfectly level to receive linos hereinafter specified, and should it be so required by the Architects the floors shall be screeded with saw dust, cement and sand in lieu of the rendering specified before.

External walls against other buildings are not to be included.

OVER-RUN PITS.

Form pits for the overrun of Lifts in the Ground Floor 4'6" deep with 6" cement concrete walls and 5" slab floors. In each pit form slight sump with 2" gal: iron waste carried to drain.

CORINGS.

Core out in concrete to form all concrete cornices, molds, sills, aprons, medallions, columns etc. as shown. On rear elevation return walls form all concrete corings reinforced, and also reinforced with steel suction. All metal work for fixing Architectural Faience facing included with p.c. prices under the heading Architectural Faience. ~~Allow for building in to elevations anchor bolts for fixing all metal work.~~

Allow to build in all dowels for Granite, Faience, Marble.

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Allow to build in all straps and hangers for vent flues, fittings, piping etc.

CASING TO
STEEL BEAMS
& COLUMNS.

Steel beams and columns are to be wrapped with 10 gauge wire at 3" pitch and encased with concrete, minimum cover on beams and columns as detailed.

Where steel beams run alternately with concrete beams in floors, same are to be encased to finish to sizes of concrete beams.

CONCRETE
STAIRS.

Construct the concrete stairs shown, with steps and risers accurately spaced to detail.

Reinforcements to be accurately bent to shape, coggled and finished as shown all to future details. Build in all bolts and other fastenings for balustrades.

The following stairs are to be built of concrete: The Main Stairs at either end, Stairs from Ground Floor to Basement, the stairs from Ground Floor to Switch Rooms under the Lifts, the Escape Stairs and the stair from the roof of the Tenth Floor to the First Floor and the Second Floor, and steps in Mitre Place, and stair from Temple Court Place & Mitre Place to first floor.

ADJOINING
BUILDINGS.

Wherever new concrete abuts on walls of adjoining buildings the surface of the latter is to be covered with a layer of P. & B. paper, properly lapped and secured, to prevent the concrete adhering.

FLUE.

The flue shown from Basement is to be carried up as 6" walls reinforced as before and rendered internally. ~~Under the ceilings~~ Fix 2" angle iron frame lewised to concrete. Fix cast iron metal door with rebatted edge and No. 4 screw connections

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for frame, door to measure 18" x 18" fitting flush.
No. 6 doors and frames in all.

SOFFITS OF
BEAMS.

The soffits of all beams on the Ground Floor/and
the soffits of all beams in/Corridors on upper
floors are to be sunk panelled as detailed. ~~Wooden~~
~~Wooden panels will be fixed to the boxing to give~~
~~this effect. See detail No.~~

MIXTURE OUTER
WALLS.

All concrete work to be of the following mixture :
3 parts of $\frac{3}{4}$ " screenings,
2 parts of sand,
1 part of cement.
When being poured, concrete is to be tamped to
insure full smooth surface on interior and ex-
terior. Any portion honey-combed to be flushed
up with grouting gauged 3-1.
Any chips found must be hacked out and grouted
similar.

GAL. IRON BOND-
ING TIES.

At junction of partitions and walls, and partitions
and columns build into concrete galvanised iron
bonding ties (provided in "Smith") spaced 12" apart.
Allow sufficient to provide for future subdivisions.

FLOOR FINISHINGS & COVERINGS.