

ESTIMATE OF INTERIOR , ELECTRICAL, AIR-CONDITIONING , NETWORKING WORKS AND OTHER MISC WORKS FOR FURNISHING OF R.G. B ROAD MODEL BRANCH AT GUWAHATI, ASSAM

ON 1ST FLOOR, R.G.B. ROAD, CHANDMARI, GUWAHATI, ASSAM

SUMMARY SHEET

SL. NO	ITEM DESCRIPTION	AMOUNT (RS.)	CARPET AREA	COST/ SFT
A	INTERIOR FURNISHING WORKS			
1	CARPENTRY & INTERIOR WORKS			
2	ELECTRICAL & OTHER RELATED WORKS			
A	TOTAL OF INTERIOR FURNISHING WORKS			
B	MISC. NON INTERIOR WORKS			
1	AIR CONDITIONING WORKS			
2	C C T V SYSTEM			
3	FIRE ALARM SYSTEM			
5	BROUGHT OUT ITEMS			
6	CIVIL & PLUMBING WORKS			
B	TOTAL OF MISC. NON-INTERIOR WORKS			
C	TOTAL OF INTERIOR & MISC. NON- INTERIOR WORKS (A+B)			

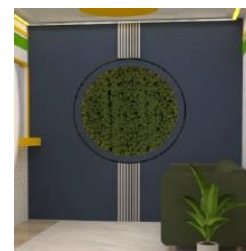
1.GST will be paid extra as per Applicable norms
2.Strictly no additional items should be executed beyond the above

ESTIMATED BOQ FOR INTERIORS WORKS OF MODEL BRANCHAT R.G.B. ROAD, CHANDMARI, GUWAHATI, ASSAM

PART A :- CARPENTRY WORKS

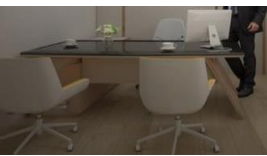


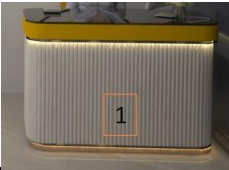
SR.NO	DESCRIPTION	UNIT	QNTY	RATE	AMOUNT
	NOTES				
i	The rate shall be include of frame work above false ceiling level. Measurement should be taken up to false ceiling level and visible portion only.				
	Laminate, Shades – Colour code –Century laminates - Frosty white-111, Greenlam laminates - Mango-1208. Greenlam Laminates - Navy Blue-281. Greenlam laminates Refresh Oak 5427				
iv	Basic rate of Solid Surfaces (CORIAN) 6mm thk shall be 890/ sft, and for 12mm shall be 1550/ sft				
v	All hardware fittings and fixtures should strictly be of Ozone, Hettich, Dorma or Haffle make only				
A	PARTITION WORKS				
1	FULLY GLAZED PARTITION - WITH TOUGHENED GLASS AT ENTRANCE & B.M'S FRONT TILL 7'-0"				
	Providing and fixing of Fixed Glass partition with 10mm thick toughened glass using Standard fittings of above - mentioned makes at the top and grouting at the bottom & top with U - Shaped Aluminium rails and EPDM gaskets including cutting, making holes in glass and fixing the fittings in floors, false ceiling etc. and making the same good with necessary screw, sealant wherever required. The top U-shaped Aluminium rail alongwith other fittings should be fitted to the Wooden section fixed above the Gypsum board in the level of GI channels of False ceiling.				
a	USING OZONE / HAFFLE / YALE/ HETTICH MAKE FITTINGS	S.FT.	78		
2	FULL HEIGHT SOLID PARTITION FINISHED WITH PLY ON BOTH SIDES	S.FT.	26		
	Providing and fixing full height solid partition upto ceiling height consisting of G.I. frame and required board fixed on both sides . It shall including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/ sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, Galvanised M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each with zinc coating of 120 gms/sqm(both side inclusive)) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws. The partition should be finished with 1.0mm thk Laminate/ 4.0mm thk Veneer finished inmelamine polish. The shade of laminate / veneer and polishing finish to be got approved from the Architect.				
b	FULL HEIGHT SOLID PARTITION FINISHED ON ONE SIDE WITH LAMINATE OVER PLY & OTHER SIDE SIDE WITH HDMR BOARD WITH CNC CUT AND FINISHED WITH PU POLISH OVER ONE SIDE WHITE LAMINATED BOARD	S.FT.	440		
	Providing and fixing full height solid partition upto ceiling height consisting of G.I. frame and required board fixed on both sides . It shall including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/ sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of 8/9 mm thk ply wood on one side & 8/9 mm thk one side laminated board on the other side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, Galvanised M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each with zinc coating of 120 gms/sqm(both side inclusive)) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws. The partition should then be finished with be finished with 1.0mm thk Laminate over plywood on one side and 8/9mm thk HDMR decorative design in CNC cut as per the approved pattern and design and finished with PU polis over it . The shade of laminate finish to be got approved from the Architect.				




3	FULL HEIGHT UPS/ LAN - ONE SIDE FIBRE CEMENT BOARD HAVING FIRE RATING FOR MINIMUM 6 HOURS & OTHER SIDE PLY WITH LAMINATE) FOR UPS/ SERVER ROOM WITH DOOR	S.FT.	160		
	P/ F full height partitions made out of 16 gauge Aluminium Framing of 50 mm X 50 mm at 600 mm Centre to Centre both ways (vertically & horizontally). The frames must be rigidly fixed to the floor / walls & ceiling slabs. The 16 gauge aluminium angle cleats shall be used for joinery with aluminium metal screws. The aluminium framing then shall be covered with 6 mm thk MR ply of approved make finished in 1 mm thk laminate of approved make & shade on one side and 10mm thick Everest Fibre Cement board (Confirming to IS 14862; Type - B Category III) duly finished & painted (as per painting on wall specs) on the other side. Necessary cuttings for Electrical conduits & Electrical fittings as per the requirements shall be provided, as per design / drawings / instructions. The partition rate shall be inclusive of cost of the flush door including the door frame of size 4" X 2' 6", handle, door closure, Hinges and Tower bolts. The door will have peep window (1' x 1') at 5' level with 6mm thk glass. Note: For the measurements of Partitions, area up to the false ceiling height only shall be considered. (In case door frames are not provided suitable deduction will be done				
4	SEMI HT. SOLID/ SEMI GLAZED PARTITION IN LAMINATE	S.FT.	96		
	Specification same as Solid Partition above but of low ht as per the drawing. The partition shall be finished with 1.0mm thk laminate of approved shade and make over 8/9mm thk plywood fixed on both sides of the partition framing. All external surface and edges to be finish with 1mm thk laminate of approved shade & make. Providing and Fixing inserted Soft board / White boards / Glass maintaining the vertical surface lines and no extra measurements would be taken for the soft boards / white boards				
5	FULL HEIGHT PARTLY GLAZED PARTITION FINISHED ON BOTH SIDES WITH HDMR PLY WITH CNC CUT DESIGN IN PU POLISH OVER PLY	S.FT.	98		
	Providing and fixing full height solid partition upto ceiling height consisting of G.I. frame and required board fixed on both sides . It shall including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/ sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of 8/9 mm thk ply wood on one side & 8/9 mm thk one side laminated board on the other side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, Galvanised M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each with zinc coating of 120 gms/sqm(both side inclusive)) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws. The partition should then be finished on both sides and 8/9mm thk HDMR decorative design in CNC cut as per the approved pattern and design and finished with PU polis over it . The partition should consist of 5/6 mm thick itched Float glass or clear glass fixed with frosted film				
B	PANELLING				
1	PANELLING ON WALLS - with Aluminium frane frame	S.FT.	184		
a	Providing and fixing of wall panelling with framework with 12mm thick commercial grade ply and then finished with 1.0 mm thick.textured designer laminate of approved shade and make (Basic Cost 52/ Sft) . If the framework is required then the same shall be of aluminium hollow sections of 50mm x 25mm size 1.5mm thick of JINDAL / INDAL make as internal frame structure placed horizontally & vertically in 550 mm x 550 mm or 600mm x 600mm center to center or as directed by the Architect . The rate shall be inclusive of provision of 3'-0" - 3'-6" dia niche at the centre of the panelling as per design to be fixed with artificial grass to fit inside the niche, including covering the inner edge of the circle with flexi ply as per design and as directed by the architect. This item also includes scaffolding for maximum height upto 4.0 m from floor level. The Item of Artificial Grass shall be measured and paid seperately				
b	Same as above but with normal laminates on wall/ columns without frames	S.FT.	248		
2	PANNELLING WITH 6 MM THK LECQUERED GLASS OF APPROVED SHADE	S.FT.	20		





	Providing and fixing of 6mm thick lacquer glass SGG Planilaque glass of approved color by architect/ Client with SGG Planifix silicon on perfectly leveled water proof non-conventional plywood (preferably marine plywood) of minimum 12mm thickness mounted on the BRICK or RCC wall/any other structure. The SGG Planilaque lacquered glass to be of 6mm thick highly durable, humid resistance, poly urethane lacquer glass. The Planilaque glass should be manufactured by industrial curtain coating process. It should meet quality standards as per BS EN 1036 1999 & confirms to PERSOZ hardness test of at least 220 oscillations. The substrate of the glass should conform to Standard BS EN 572 1995 parts 1 and 2: Glass in Building – Basic soda lime silicate glass products. Planilaque lacquered glass to be manufactured to right specifications, relating to consistency of color, opacity and homogeneity throughout production campaigns and also to the ageing properties, mechanical resistance, and resistance to humidity and to chemical agents of the lacquer. The color of the lacquer should remain stable when exposed to normal levels of ultraviolet light in interior applications. The rate shall be inclusive of levelling the surface with 9/12 mm thk plywood base panelling as required for fixing the glass.				
3	PANNELLING ON WALL & CEILINGS WITH WPC PANNELS OF OF APPROVED SHADE AND MAKE	S.FT.	64		
	Providing and fixing panelling on wall & ceilings with WPC (Wood Plymer Composite) Fluted Panels of VOX/ PAREAlutuff / or Murrato make of approved shade in approved pattern as directed by the architect. Rates shall be inclusive of all hardware fittings and fixtures as required to fix the same on the wall and ceilings including corner heading and fasteners.				
4	PANELLING ON EXISTING PARTITION/ WALLS	S.FT.	520		
	Providing and fixing of paneling on column/wall/ partition with 8/9mm Thk. HDMR Board with approved pattern/ designs in CNC cut (As per Design) and finally finished with PU polish of desired shade design and gloss of approved make, fixed with adhesive over existing partitions/ walls/ columns etc. as directed by the architect/ EIC				
C	DOORS				
1	ENTRANCE DOORS - WITH TOUGHENED GLASS (PATCH FITTINGS)				
	Providing and fixing frameless fully glazed 12mm thk toughened float glass fixed with necessary patch fittings (Dorma make) including cutting, making holes, cutouts in the glass of required shape and size to acBWPodate fittings and fixing the fittings in floors, soffits, jams including necessary fixtures, screws, sealant wherever required and SS cover over patch fittings. Rate shall include necessary etching film / LOGO, approved patch fitting locking systems, 1 pair of 12" long S. S. (C Shape) Handles of approved make, floor springs, and any necessary hardware items. (ABOVE MENTIONED MAKES Top Pivot, Top Patch Fittings, Bottom Patch fittings, Floor Spring, Corner lock with strike plate and Euro Profile Cilinder, C Shape Handle 25mm dia X 300mm length)				
a.	DOORS - WITH OZONE / HAFFLE / HETTICH MAKE FITTINGS	S.FT.	46		
2	DOORS ON WOODEN PARTITION / BR. WALLS WITH OR WITHOUT VISION PANEL				
a	SOLID DOORS- IN LAMINATE FINISH (with hardware fittings MAKE EVERITE / GOLDEN /HARDWIN /EVEREST) (WITH OR WITH OUT VISION PANEL AS PER DIRECTION OF the ARCHITECT				
	Providing and fixing solid doors of sizes as shown in the drawing. The door shutter shall of 35 mm thick flush shutter of approved make and finished with 1mm thick approved laminate on both sides. The edges finished with steam beach lipping. A door frame of 3.5" x 2" steam beach section shall be provided finished in mellamine. Rate shall include Dead lock (Godrej Make), floor springs / door closure (as the case may be), door stopper, a pair of handles 12" SS Brushed finished, 5" hinges 4 Nos., buffers, tower bolts, etc with necessary hardware items and with or with out door frames as				
i	With Door Closure	NOS	2		
3	WICKED DOOR				
	Providing and fixing in position 35 mm solid core low height flush door finished with 1mm thick laminate as per design on both sides duly polished, t.w. lipping on two vertical and horizontal edges, The flap door shall have double action door hinges and a tower bolt at suitable location.	SFT	12		
4	TOILET DOORS				
i	WPC D00R FRAMES FOR TOILETS OF SIZE 100MM X 80MM	S.F.T	38		
	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Ceoseatory windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58- 60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/ cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (rate shall be inclusive of the cost of M.S hold fast/lugs or SS dash fasteners etc, all complete). Note: For WPC solid door/window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made. Frame size 65 x 125 mm, Make- ALSTONE or equivalent				
ii	WPC DOOR FOR TOILETS	S.F.T	54		

	Providing & Fixing factory made single extruded WPC (Wood Polymer Composite) solid decorative type flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibre (wood powder, rice husk, wheat husk) and non toxic additives (Maximum Toxic level of 12 per 100 gms) having maximum density of 650 kg/ cum and screw withdrawl strength of 1800 n (Face) and 900 N (Edge), minimum compressive strength of 50N/mm2, modulus of elasticity 850 N/ mm2 and resistance to spread of flame of Class A category with propoerty of being termite / borer proof, water/ moisture proof and fire retardent. WPC to be laminated with PVC foil of minimum 14 microns thick of approved design pasted with hot melt adhesives on both faces of shutter and fixing with stainless steel butt hinges of required sizes with necessary full body threaded star headed counter sunk s s screws, all as per direction of Engineer-in-Charge.The door shutter shall then be finished with 1.0mm thk laminate of approved shade and make in approved pattern as directed by the architect. Note- Rate shall be inclusive of Stainless Steel butt hinges and screws, Tower Bolt, 6" S.S D Handle, etc. all complete. 30 mm thick, Make- ALSTONE or equivalent				
D	STORAGES				
1	LOW HT. STORAGES (1'-6" DEPTH X 2'-6" HT.) (BACK CREDENZA)				
	Providing and laying low ht. Storage units of sizes as mentioned above. They shall consist of a top of ¾" thk. BWP. Ply, ¾" thk. BWP. Ply sides and base, ¾" thk. Marine ply back, ¾" thk. BWP. Ply shutter with self closing higes of hafele make(full ovel open) & PVC lipping matching with approved laminate/Veneer on all the edges. All external surfaces to be finished in 1.0 mm laminate (suede finish)of approved make. Division of shutters shall be made equally according to the length of the storage. A ¾" thk. Fixed BWP. Ply shelf on battens shall be provided at 16" intervals from the base. Suitable wooden moulding (as per Architects design) with mellamine shall be provided to the edge of the storage top. All inner surfaces including shutters shall be finished with 0.80mm thk laminate of approved shade and colour. Rate shall be inclusive of all necessary approved fittings like hinges(Hafele make), locks(Godrej make/Vijayan), 3" long brushed finish handles(kich -neki make-CHR103),tower bolts and any miscellaneous hardware items.				
a	2'-6" / 4'-0" HIGH IN LAMINATE FINISH	S.F.T	52		
2	M.S. SLOTTED ANGLE STORAGE	S.FT.	268		
	Providing and making M.S. slotted angle storage using angles of 18 gauge thickness and shelves of 20 gauge designed as per the specfications of standard manufacturers. Shelves shall be provided at 1'-6" c/c & supported on frames on all four sides with vertical supports as per manufacturers' standard specifications.				
3	OVERHEAD STORAGE IN LAMINATE FINISH	S.FT.	24		
	Providing and fixing over-head storages which consist of 18mm thk. BWP. ply shutter with box type higes of approved make & Steam beach lipping with approved laminate on all the edges. The shutter should be made of of 18mm thk. BWP. Ply top, sides, rear and bottom. All the external surfaces shall be finished with 1.0mm thk. Laminate (suede finish) of approved make. Division of the shutters shall be made equally according to the length of the storage. The edges of the shutters shall be provided with steam beach lipping. One Ply shelf of 18mm thick BWP.ply removable type supported on side steam beach wood battens on both sides (divided equally) shall be provided. All inner surfaces shall be finished with laminate including the shutters.. Rate shall be inclusive of all necessary approved fittings like box type hinges, locks, tower bolts, 100mm SS Brush finished handle etc.				
4	SHUTTERS BELOW GRANITE COUNTERS IN PANTRY/ KITCHEN IN LAMINATE FINISH	S.FT.	18		
	Providing and fixing 19mm thk. BWR ply shutters with ply frame, skirting gap as shown in the drg. shall be maintained. Division of shutters shall be made equally according to the length of the counter. Shutters shall be hinged to the framework and finished with 1.0mm thk. Laminate (suede finish) of approved shade from outside, applied with approved oil paint from the inside and edges of shutters with steam beach lipping. Rate shall be inclusive of all necessary approved fittings like hinges, ball catch, handle, and any necessary hardware items.				
5	OPEN SHELVES STORAGE FOR TROPHIES AT BRANCH MANAGER.	SFT	24		
	Fabricating & erecting Full Ht Showcase shelf/ Trophy Shelves at B.M's Cabin, made with 19mm thk commercial ply and finished with 1mm thk laminate of approved shade as per the architect				
6	Providing and fixing Wall mounted storage rack for DVR having front side opened and all the sides closed with 19mm thick plywood. All the external surfaces to be finished with 1.0mm thick laminate and internal surfaces Tobe finished with hand PU Polish. Aluminium ventilation grille to be provided on either sides of the storage rack. size of the rack W 600mm x H 530mm x D 400mm (Requirement to be confirmed by Bank before providing)	SFT	12		
7	SHUTTERS WITH FRAME FOR ELECTRICAL PANELS	S.FT.	38		
	Providing and fixing 18mm thk. Com ply shutters with same ply frame. Division of shutters shall be made equally according to the length. Shutters shall be hinged to the framework and finished with 1.0mm thk. Laminate of approved colour and shade on outer side and inside finised with 2 coats of enamel paint of app colour and shade. Rate shall be inclusive of all necessary approved fittings like hinges, ball catch,150 mm long SS Brush Finish handle, tower bolts, locks, Aluminium powder coated air vent grills and necessary hardware fitings complete, etc.,				
E	DESK, WORKSTATIONS & DRAWERS				
1	BRANCH MANAGER TABLES OF OVERALL SIZE 6'-0"x3'-0"x2'-6"	Nos	1		

	Providing and fixing of Branch Manager table (As per Picture and Detail drawings) made with 19mm thk commercial ply of approved make and finished with 1mm thick laminate of approved shade and make as directed by the Architect/ EIC, in approved shape as per the detailed drawing of B.M's Table and as shown in the pictorial image for references, along with a drawer box, front apron/ panel and the side angular stand/ support/ leg. Each Table should be provided with a 3" dia Wirw Manager, a readymade keyboard tray of approved make, CPU trolley and a foot rest as per design and as directed by the Architect/ EIC. All Exposed and outer visible surfaces should be finished with 1.0mm thk laminate of approved shade and make and all inner surfaces should be finished with 0.60/0.80 mm thk balancing laminate of approved shade and make. The Table top should be provided with 8mm thk clear glass with bevelled edges on all sides and having cutout for wire manager as per the required size					
2	OFFICER AND CLERK TABLE					
	Providing and fixing of officer/ Clerk table made with 19mm thk commercial ply of approved make and finished with 1mm thick laminate of approved shade and make as directed by the Architect/ EIC, in approved shape as per the detailed drawing of officer's/ clerk's Table and as shown in the pictorial image for references, along with a drawer box, front apron/ panel and the side angular stand/ support/ leg. Each Table should be provided with a 3" dia Wirw Manager, a readymade keyboard tray of approved make, CPU trolley and a foot rest as per design and as directed by the Architect/ EIC. All Exposed and outer visible surfaces should be finished with 1.0mm thk laminate of approved shade and make and all inner surfaces should be finished with 0.60/0.80 mm thk balancing laminate of approved shade and make. necessary grooving behind plywood skirting below working top and at the skirting level should be					
	Officer (4'-6"x2'-6"x2'-6")	Nos	2			
	Clerk (3'-9"x2'-6"x2'-6")	Nos	2			
	LUNCH PLATFORM (1' 6" WIDE) IN CORIAN FINISH	RFT	5.5			
	Providing and laying platform of 1'3" to 1'6" width (Clear width) and at 3 '6" height (finished top level) from floor of approved 6mm thick CORIAN with bull nosed edges. It shall be laid on BWR ply wood 19mm thick supported on Steel L angle bracket. The platform should be cantilevered from the wall as shown in the drawing. 9" wide 19 mm thick BWR ply wood to be provided below the entire lunch counter for tiffin and kitchen items. The ply surface to be painted with enamel paint after					
ix	CASH COUNTER (INCLUDING FRONT PARTITION , BACK & ONE SIDE PARTITION WITH DOOR) Refer Image	NOS	1			
	Providing and fixing Cash Counter in Laminate finish of clear internal dimension 5'-6" X 6'-6" all complete with glazed partition in 12 mm thk itched glass as per design in front including rear doors fixed with Godrej Make Night Latch, The counter shall be provided with a table top of 2'6" deep of 1 1/2" thk and finished with laminate of approved shade. The counter shall comprises of a Metal key board Tray, Metal Cpu Trolley, Wire Manager etc.A drawer unit comprising of three drawer set shall be fixed with the counter or as directed by the architect. The drawer unit shall have a central locking arrangement and the lock should be of godrej make. Rates shall be inclusive of all hardware fittings like locks, handles, hinges, telescopic channel etc as required. A foot rest made out of 19mm thk plywood as per the design or as directed by the architect shall also be provide below the counter. provision should be made on side by providing a niche of size 6" x 6" on sides of counter for boucher passing.It shall also consist of a rear partation and a side partition with a flush door til 6'-6" height from the FFL , including 1'-6" side partition projection on customer side in curved manner as per design and as directed by the architect/ EIC. It shall consist of a transacation ledge @ 3'-6"-3'-9" height from thr FFL made with 19mm thk plywood with a 2" high band on all tree sides and finished with laminate with approved shade and make. The front part should be provided with a 6'-8" dia half circle niche in glass for transacation along with a 5" dia round niche in the glass for communication. Drawer units as per drawing shall be provided and each drawer should have vertical partitions for keeping the currency notes and multipurpose Godrej locks. Facia of drawer unit shall be finished with 1mm thick laminate and all other sides shall be finished with white enamel paint. The drawers will be provided with handles (Stainless Steel finish) and channels as per approval of the Project Consultant / Bank.xii) Boxing as per drawing made with 12mm thick plywood finished with Synthetic enamel paint shall be provided below the table top for electrical conduiting and at the bottom for the LAN cabling/Telephone wire conduiting.The item to include all necessary hardware and fittings in Stainless Steel finish,. Necessary beadings with matching melamine polish for fixing the glass are to be provided as per drawing/ as directed.Rates shall also be inclusive of Doors with Godrej Night Latch for Cash counters					
	RECEPTION TABLE OF OVERALL SIZE 4'-0" X 2'-0" X 2'-6"	Nos	1			
	Providing and fixing in position of reception table of above mantioned size made with 18/19mm thk commercial plywood top, sides . The table should be provided with 5" top band dropped along the line of the table top , made with 19mm thk ply and finished with 1.0mm thk laminate of approved shade and make. The front apron should be made with 12mm thk plywood fixed with an offset of 3-4" from this table top band with a niche for cove light on the front side and fixed with WPC fluted panels of approved shade and make as per the approved design and as directed by the architect. The Table Top should be fixed with 12mm thk black glass with polished edges on all sides. Rates shall be inclusive of providing groove below table top and at the skirting line for cove light as per design					
a	Side Credenza :- Providing and laying side cadenza of above sizes and as mentioned in the drawing.It shall consist of 3/4" thk plywood top, side and bases and 1/4" thk back. The edges on th top shall be provided with suitable(as per architect's design)wooden moulding with melamine finish.A pair of 3/4" wood shutters will be provided which will slide on 1" x1" wooden battens above skirting. 1"a3/8" deep vertical depression shall be made on each shutters to act as handle as shown in the drawing. All external surfaces should be finished in 1.0mm laminate of approved shade and make. A 3/4" thk fixed ply wood shelf on battens shall be provided at 16" intervals from the base.Rates shall be inclusive of necessary approved fittings like sliding rollers, locks, tower bolts and any other misc. hardware itemsth all					
b	SIDE CREDENZA Size (3'-3"x1'-6"x2'-6") (For Manager) IN LAMINATE FINISH	Nos	1			
xi						
F	FALSE CEILING & POP WORKS					
	FALSE CEILING - GYP BOARD INCLUDING POP PUNNING & PAINT	S.FT.	850			
	Providing and fixing Gypsum false ceiling in steps with provisioning for cove lightng comprising of the following:					

	Framework: GI channel framework in 24 to 26 guage. The perimeter channel will be GI channel having one flange of 20mm and the other 30mm and web 27mm along the perimeter of the ceiling. It shall be screw fixed to brick wall / partition with the help of rawl plug of dimension 38mmx12mm dia fixed into the soffit at 610mm centres. The intermediate channels of size 45mmx0.9mm thick with flanges of size 15mm each shall be suspended from ceiling using angle of size 25mmx10mmx0.55mm spaced not more than 1220mm c/c which are fixed to soffit with GI 27mmx37mmx25mmx1.6mm cleat and steel expansion fasteners. Ceiling section of 0.55mm thickness having curled web of 80mm and flanges of 26mm are fixed to intermediate channel with the help of connecting clip of 2.64mm dia perpendicular to intermediate channel at 457mm centre to centre.					
	Ceiling Board: Gypsum board false ceiling of India Gypsum make - Plain Gypboard: Milky white colour of 12.5mm thickness shall be fixed to the ceiling section using 3.5x25mm corrosion resistant self-tapping zinc plated dry wall screw at 230mm centres					
	No additional load like light fittings etc. shall be directly put on the ceiling frame. Separate suspension system shall be adopted for the same.					
	NOTE: The rate shall be inclusive of vertical drops/ bands upto 6-8" and provision for core lighting, small moulding, verticals in two levels, 18.75mm x 12.5mm grooves on the edges, cutouts for cove lights and AC grills					
	Note Only the plan area will be measured for payment. No Extra payment will be made for Grooves, Cutouts, Mouldings etc.)					
	Rate shall be inclusive of finishing of all the joints with pop and levelling the same and finally completing the same with approved shade and make of paint over it					
	12.5MM THICK FULLY PERFORATED GYPSUM BOARD (Make: Saint Gobain)	SFT	70			
	Providing and fixing suspended false ceiling with 12.5mm Fully perforated gypsum board (Makes-saint gobain) to the grid comprising of cold rolled galvanized metal section to the required line and level. The grid consisting of a perimeter channel(MF6a of dimension 20mmX27mmX37X3.5m) fixed round the perimeter to receive and of the ceiling section (MF5) and outer edge to gyp-board. The intermediate channel (MF7 of dimension 15mmX45mmX0.9mmX3.5M) at 1200mm c/c in the one direction and the ceiling section (MF5 of dimension 80mmX26mmX0.5mX3.5M) at 450mm c/c in the other direction to be connected by a connecting clip. The grid to be suspended with an adjustable strap hanger(MF8) of dimension 25mmX9.5mm at 1200mm c/c on both ways from the structural soffit cleat and expandable bolts/fasteners Nut and bolts to be used to connect strap					
	Baffle Ceiling System	SFT	270			
	Providing and fixing Baffle Ceiling System false ceiling at all heights of approved texture, design and pattern. The baffle fixed with end cap at terminals and intermediate connector piece at joints in true horizontal level suspended on interlocking Grid of hot dipped all round galvanized iron section of 0.8mm thick (galvanized @ 120 GSM) comprising of main Baffle carrier of 23X34mm 0.5mm thick of length 3000 mm, cross Secondary C Channel (40mm x 0.8mm thick with two flanges of 15mm & 20mm) of length 3000 mm suspended from ceiling using galvanized mild steel item (galvanised@ 80 GSM) 50mm long 8mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'Baffle carrier'. The work shall be carried out as per specifications, drawings and as per directions of the engineer-in-charge. Note: All support carriers to be powder coated with approved colour Make: Armstrong, Hunter Douglas, Lindner AG, Anakon, USG Boral 25mm wide, 100mm high, 0.07mm thick powder cDated aluminium at 150mm centre to					
G	POP PUNNING, WALL PUTTY & PAINTING WORKS					
i	WALL PUTTY ONLY IN HALL AND CUSTOMER AREAS	S.FT.	300			
	Providing and applying Wall Putty on walls and columns (average 12mm thk). The rate shall include scrapping, levelling and preparing the surface. The rate shall be inclusive of all types of grooves above the skirting, around the window and door frames. If the average thickness is found to 8mm~6mm or less, then Wall Putty will be considered as pulti finish - at the rate of - 50% the quoted rate (Make: Birla /Asian / Berger)					
ii	LUSTRE PAINT ON WALLS	S.FT.	300			
	Providing & applying Luster Paint on walls, columns & ceilings. The rate shall include scrapping, levelling & preparing the surface. Primer coat + (minimum) 3 coats to get evenly spread quality finish (roller finish) of approved make, quality & shade shall be provided					
iii	LUSTRE PAINT ON SLAB VISIBLE THROUGH PERFORATED & BAFFLE CEILING	SFT	360			
	Providing and applying desired paint (Gray/Black) luster Paint as approved shade finish to Roof Ceilings Behand of fully perforated gypsum board and WPC Baffle Ceiling of approved shade.. The surface of wall to be painted shall be prepared and applied with two coats of primer, two coats of putty and touch up putty if required to achieve smooth finish.The surface shall be painted with two coats of luster paint of (Narsolac/Berger/Dulux/Asian /ICI)					
iv	ENAMEL PAINT IN EXISTING ROLLING SHUTTER, WINDOW GRILLS & OTHER M.S WORKS	S.FT.	122			
	Providing & applying 1 st quality oil paint of approved make, quality & shade. The rate shall include scrapping, levelling & preparing the surface with primer quote.					
v	DISTEMPER PAINTS FOR WALLS (TOILETS, STORE, UPS AND STRONG ROOM)	S.FT.	2200			
	Providing and applying Distemper paint on walls , columns & ceilings. The rates shall include scrapping, levelling & preparing the surface. Primer coat +(MINIMUM) 3 coats to get evenly spread quality finish(roller Finish) of approved make, quality and finish shall be provided.Note- Rates shall also include - filling up the cracks in the wall & ceilings, making good surface .					
H	MISC. ITEMS					
1	LAMINATED WOODEN FLOORING AT BM'S CABIN ONLY	S.FT.	112			

	Providing and fixing Real Wood Floors of Shade- OAK NATURE/ OAK RADIANT of Mikasa ATMOS/EICHE From Greenlam Industries Ltd, Thickness: 10mm and plank dimensions size 1200mm X 125 mm X 10mm as per design and as directed by the architect, with veneer thickness upto 0.60mm and core material being High Density Fibre Board in brushed/ matt finish, having a 10 years warranty on the use. The product should comply to EN14354. The Board should be constructed in 3 layers in order to minimise expansion and contraction with in the floor boards and the direction of the fibres within each layers should be oriented in such a manner that each layer is aligned at an angle of 90 degree with the other. It should fulfill the classification of Class G as per the fire classification. The Quoted Rate Shall be inclusive of 4"-6" High Skirting with the same material on all sides in Walls & Partitions without any extra cost. For Payment only the Floor Area Shall be Measured				
	Note- Contractor Has to submit the Hard Copy of Certificate for 10years Warranty from Greenlam Industries to the Office alongwith the Final Bill and a Copy of the same to the Architect otherwise the Bill for this item shall not be considered				
2	VERTICAL BLINDS	S.FT.	98		
	Supplying and Fixing VERTICAL BLINDS Vista/Mac/Parytex make. Blinds made using 100% polyester with acrylic polymer coating, of the shade and colour as approved by the Arcitect/ Bank fficial (only for external windows. In case of using blinds on any internal partition, prior approval from the Architect/ Bank should be obtained otherwise tne payment for the same quantities shall not be considered)				
3	COLOURED DESIGNER FROSTING FILM IN AT ENTRANCE DOOR	S.FT.	40		
	Providing and fixing Non-reflective matte, frosted, scratch resistant, high performance resin coated polyster film with required coloured frosting pattern on the glass surface complete as per the directions of EIC/ Architect (Payment shall be made for the finished area of the film actually provided. No deduction shall be made for openings upto 0.1 Sq.m. area each and nothing shall be paid extra for making such openings)				
4	COLOURED LOGO WITH INSIDE LIT BEHING RECEPTION				
	Supplying , fabricating and installation of Bank's Logo in Circular shape , made with 12mm thk commercial plywood backing and fixed with 6mm thk Lecquered Glass at the centre with compant approved adhesive/ Silicon , in Bank's Green Colour with 2.5"/ 3" border all around made with 12+4/6 mm ply with groove from inside for strip light and internal lit. It shall also consist of Bank's Logo(Refer Image) in yellow vinyl film fixed over lecquered glass at the centre as per design and as directed by the architect/ EIC. Rates shall be inclusive of Lecquered Glass, adhesive, Strip light and all other necessary hardware fittings and fixtures all complete				
	OVERALL DIA 1050 MM DIA	NOS	1		
5	3M SYNTHETIC DOOR MATS (4'-0" x 2'-0")	NOS.	1		
	Providing & laying in place Synthetic Door Mats (3M) of sizes not less that 4' x 2').				
7	Pin Up Board	SFT	20		
	Providing and fixing 12 mm thick soft board over 12 mm thick commercial ply (Makes-Century/Green ply/Archid) fixed in wooden frame made out of commercial champ wood out of size 2.5 " x 1.5" (duly polished). The work shall be completed by covering the soft board with fabric of approve shade (basic rate of Cloth to be Rs. 1200/- Sq Mtr)				
8	COUNTER NAME/ NO				
	Providing and fixing Counters Name Plates hanging on Ceiling with S.S Chain. Plate Size 150mmx 150mm made with extruded acrylic sheets of thickness 4/5mm in black colour having , average height of lettering around 75-90mm Lettering font,color and content subject to final approval of the architect in charge	Nos	6		
9	SUGGESTION BOX (450 x 600 x 200) : Providing and fixing suggestion box made out of 19mm BWP ply and finished with 1mm laminate and enamel painted on the inside. A 300 mm long slit is to be made in the front for letters, etc. The work should be completed in all respects	Nos	1		
10	WRITING LEDGE	Nos	1		
	P/F Writing ledge (As per Detail Drawing) made BWP box of size 950-1050 mm x 450 mm x 1050 height finished with 1 mm thick mica with a provision of 4 nos divisions for voucher and 12 mm glass on top fixed with 3" high SS spacers. Including cost of Side panel made of 19mm thick commercial ply finishing with both side 1 mm thick laminate as per approved shades and All fitting / accessory shall be of approved make				
11	CHEQUE DROP BOX - P/F one cheque drop box made out of 12 mm thick BWP duly laminated with all hardware fitting and fixtures. Size 400 x 300 x 100 mm	Nos	1		
12	10MM GLASS SHELVES- 250-300MM WIDE				
	Providing and fixing 12mm thk Clear Glass Shelves, 250-300MM WIDE in mirror polished edges as per design. The Glass selves should be fixed with the help of Stainless Steel F Type Glass Shelf Bracket Square 12 Inches, with screws to walls / partitions/ pannelling, at an interval of 24-30" as per design and as directed by the architect	RFT	21		
14	Providing and fixing Name plates (For Branch Manager cabin) non glass/wooden partitions / glass doors as per the approved location. Design to have two parts with upper fixed part size 12" x3" with grey/ black acrylic lettering of 3mm thickness on white laquered glass base .Lower Part in removable SS Plate (Grade 304 , 1.5-2mm thk.) of sized 12" x 2" with name tag in etched / embossed lettereing.Lettering font,size and content subject to final approval of the architect in charge.	Nos	1		
15	ROLLING SHUTTER BOXING	RFT	38		

	Providing and fixing Aluminum Composite Panel (Makes- Alstrong/ Alucbond/ Alstone/Armstrong) as per the approved makes wall cladding with the 3mm thick PVDF coated aluminum composite panel (ACP) (0.25 mm coil thick) with frame of aluminum channels (25 x 50 x 1.5 mm), (Make Jindal/ Hindalco/ Indal) cleat angle (8 x 18 x 2mm) necessary hardware, backup material and weather Sealant (Makes- Dr.Fixit, Asian paint, Ardex Endura) the joints leak proof. The spacing for the channel along the length and spacing of cleat on the perpendicular shall not be more than 600mm.				
16	LAMINATED PLYWOOD BAND ABOVE COUNTER @7'-0" HEIGHT FROM FFL FOR HANGING NAME PLATES	RFT	20		
	Erecting & fixing 8-12" high plywood band made with 2 nos 18/19 mm plywood sandwiched together and fixed/ hanged from the Baffle ceiling above work station counters as per design and as directed by the architect, for hanging sinages etc as per design. The band should be finished with yellow and green shade of laminate running at an height and as per the pattern as in the partition and panelling work or as directed by the architect on customer side and the back side should be finished with the normal laminate of approved shade and make all of 1.0mm thk. The thickness of the band should either be finished with PVC edge moulding bead matching with the shade of the laminate or with base laminate as directed by the architect.				
A	TOTAL OF CARPENTRY WORKS				

ESTIMATED BOQ FOR ELECTRICAL WORKS OF MODEL BRANCHAT R.G.B. ROAD, CHANDMARI, GUWAHATI, ASSAM

GENERAL NOTE

- 1 UPS input and Output wiring should be done with FRLS Insulated stranded copper conductor laid through M.S Conduit. (From input DB to UPS and from UPS Output to UPS Output DB)
- 2 All wires for circuit wiring and other wiring should be drawn inside M. S. Conduits Only unless otherwise specified
- 3 Specifications of all wires should be followed strictly as mentioned in the BOQ
- 4 All makes of materials should be strictly followed as mentioned in the detailed specifications of the Tender document
- 5 Earthing Test Certificate should be provided alongwith the Final bill for further bill verification
- 6 Single Line diagram showing the all the wiring including point wiring, computer and RAW power wiring, Circuit wiring etc. all complete should be submitted with the Final Bill
- 7 Only DATA and Voice point wiring is allowed to be carried out through MS Conduits

PART C :- ELECTRICAL WORKS					
Sl. No	Description	Unit	Qty	Rate	Amount
	SECTION-A				
I	MAIN LT PANEL				
1.1	Supply, installation, testing & commissioning of wall mounted cubical type Power/Control electrical panel fabricated with 16/18 S.W.G. CRC sheet. Having individual compactors for Each switchgears. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, GI earth buss bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. the panel shall be painted with 2 coats of enamel paint(gray shade) over the primer and shall have be provided with designation of incoming and outgoing feeder as per details below:-				
a	Incomer :- 125A 4P 50KA MCCB - 1 No				
b	Outgoings :- 2 Nos 63 amp TPN MCB (For Light and UPS Supply) 3 Nos. 63 Amp. TP MCB (For PDB, UPS, Inverter and Spare Feeder) from Generator Powered Bus. 3 Nos 100 AMP TPN MCB (For AC Supply) 1 Nos. 40 AMP DP MCB. 3 Nos (for Glow Sign board, Strong Room, and spare feeder) from generator Powered Bus. The design of panel should be got approved by the Architect before manufacturing. Also, the provision for 1/2 spare outgoing should be considered for future expansion. The job shall be completed to the satisfaction of the Bank.				
c	1 No 100A, 4P Cubical Front Oprater Automatic Changeover Switch				
d	1no. 0-500V Digital multimeter in a separate compartment & Digital Ammeter and one set of CTs (3no.) with CT ratio 125/5 A with LED type indication lamps (4 nos) with protection fuses in separate compartment				
e	1 set of 160 amp TPN strips aluminium bus bar with insulation heat spinkler sleeves of Sixe 32mmx6mm etc complete with fitting to be followed strictly				
f	1 Set, RYB, indicating lamps with resistors and fuses				
	Full Set as above	Set.	1		
	SECTION-B				
2	MCCB DISTRIBUTION BOARD				
	Supplying, installation, testing and commissioning of surface/recess mounting, 220/415 volts prewired MCCB distribution boards with all switchgears as specified below, of sheet steel, dust protected, duly phosphatized and powder painted, inclusive of 200 amps tinned uniformly rated electrolytic copper bus-bar, common neutral link, earth bar, din bar for mounting MCCB/MCCB/RCCBs detachable gland/knock out plates and with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FR PVC insulated copper conductor upto the terminal connector/neutral link and ready for installation as specified below:				
2.1	S.I.T.C. Of L.D.B. [MCCB DB- LIGHT] (LIGHT DB) S & T of 4 way, IP 43 PPT TPN Horizontal Distribution Board for distribution to all Light points of different areas (as indicated in the circuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) - 25A, 10kA, TPN MCB as incomer - 1 Nos, output of which is directly connected to 5W Red colour indicator Light With 3 No of 25 A DP RCCB (30 mA) each phase Outgoing. 6/10 Amp (10 KA) SP MCB as outgoing - 4 Nos Note- Rates Shall be inclusive of S.I.T.C. of 3X 6+1x4 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main D.B To L.D.B	No.	1		
2.2	S.I.T.C. Of P.D.B. [MCBDB-POWER] (Raw Power DB)				

	S & I of 4 Way, IP 43 PPI TPN Horizontal Distribution Board for distribution to all raw power points of different areas (as indicated in the circuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) - Incomer 40Amp 10kA, TPN MCB - 1 No . output of which is directly connected to 5W Yellow colour indicator Light With 3 No of 25 A DP RCCB (30 mA) each phase Outgoing. 16A SP MCB-2 Nos. 10A SP MCB- 5 Nos. with all wiring connections.(Max. 3 Points to be looped on one MCB, 4 nos. in exceptional	No.	1		
	<u>Note- Rates Shall be inclusive of S.I.T.C. of 3X 6+1x4 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main D.B To RPDB</u>				
	S.I.T.C OF U.P.S. D.B. : (MCBDB-UPS) S.I.T.C. of 8 way Single Door SPN D.B. with				
	Incomer 25 Amp 10kA DP MCB - 1 No output of which is directly connected to 5W Blue colour indicator Light 10A SP MCB- 6 Nos. with all wiring connections.(Max. 3 work-Station Points to be looped on one MCB, 4 nos. in exceptional case)	No.	1		
	<u>Note- Rates Shall be inclusive of S.I.T.C. of 3X 6+1x4 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main D.B To UPS D.B</u>				
	S.I.T.C OF U.P.S. D.B-2 : (MCBDB-UPS 2) for connction to Fire alarm/ BAS/ CCTV/ Network switch etc. directly connected from VTPN UPS output				
	S.I.T.C. of 6 way Single Door SPN D.B. with Incomer 25 Amp 10kA DP MCB - 1 No 10A SP MCB- 4 Nos.	No.	1		
	<u>Note- Rates Shall be inclusive of S.I.T.C. of 3 X 4 Sq.mm. F.R.L.S. Copper Flexible wires in Rigid MS conduit from Main DB to MCBDB-UPS-1. (body to be earthed)</u>				
	S.I.T.C of 32 Amp. D.P. MCB in Metallic box for Inverter I./P. & O/P to LDB	No	1		
	S.I.T.C of 32A DP MCB in Metallic box for UPS I./P.& O./P.	No	1		
	<u>S.I.T.C. Of ACDB [MCB DB- AC] - If Required as per Bank approval</u>				
	S & I of 4 way, IP 43 PPI TPN Horizontal Distribution Board for distribution to all AC points of different areas (as indicated in the circuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) - Incomer 40Amp 10kA, TPN MCB - 1 No . output of which is directly connected to 5W Green colour indicator Light With 3 No of 25 A DP RCCB (30 mA) each phase Outgoing. 20A SP MCB- 6 Nos.	No.	1		
	<u>Note- Rates Shall be inclusive of S.I.T.C. of 4 x 6.0mm² + 2x4.0 mm² F.R.L.S. copper flexible wires in 19/20 mm. Medium Guage MS conduit from Main Panel To ACDB</u>				
2.6	S.I.T.C of 32A DP MCB in Metallic box for UPS I./P.& O./P.	No	2		
4	POINT WIRING				
4.1.	Supply & Installation of concealed point wiring using 600v grade 2.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through haevy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires from the relevant DB and also including 1.5 Sq.mm Green Colour Copper earth wire and provision of grid plate type (ROMA) switches and sockets as approved by Bank / Architect. Each circuit feeding not more than 8 points / 800 W as per the following configuration				
a	Primary light points including the cost of 6A switch (Single Point-45 Nos. Double Loop Points-46Nos, Triple Loop point-26 No.)	Pts	59		
b	Primary light points including the cost of 6A switch in UPS Power	Pts	6		
c	6A plug point as primary point. [SO]	Pts	4		
d	Secondary 6A Plug point on switch board. [SO]	Pts	2		
e	16A Plug Point directly taken from DB for hotplate/geyser / zerox / fridge [P]	Pts	3		
f	Exhaust fan/ Wall Fan point consisting of 6A socket near fan and switch on light switch board	Pts	10		
g	<u>S.I.T.C. of Timer with M.C.B.'s control for Sign Board of Branch.</u> - Wiring for Signages with 2R x2.5 Sq.mm and 1 Rx 1.5 Sq.mm, PVC insulated copper conductor flexible cable to be connected to the SPN D/D consumer along with a Timer and Contactor unit installed in Electrical Room room.	Set	1		
h	S.I.T.C. of call bell with bell point .	Nos.	2		
5	COMPUTER/ RAW POWER WIRING				
	<u>Note- All sockets should be placed below the workstations as mentioned in the drawings but the controlling switch should fixed above the work stations and at place as directed by the architect</u>				

5.1.	S & I of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X 2.5 Sqmm Cu. PVC sheathed white color flexible cable pulled through above False ceiling and cutting the walls as raceways are not provided and taken upto table top using PVC rigid or flexible conduits run within wooden or metal partitions. Each point consisting of 3 Nos of 6A/16A 2 / 3 Pin sockets and 1 No 16A switch, wired together forming one point. Switches and sockets to be (ROMA). Earth wire to be of Green colour only. (Only 2 tables served by one circuit from UPS DB) Cost is inclusive of necessary cutting the walls and including PVC Pipe required for taking the wires. [SOC]	Pts	9		
5.2.	S & I of points similar to above but to be used as raw power point on the tables consisting of one 6/16A socket with switch of other color and flexible cable of black color & circuit taken from Raw Power DB (2 tables (Maximum 3) served by one circuit from LDB/PDB) Taken Above False ceiling and through walls/ partitions inside M.S. Conduits as raceways are not provided. Cost is inclusive of necessary cutting the walls and including M.S. Conduits as required for taking the wires.	Pts	12		
SECTION-E					
6	LIGHTING FIXTURES (Bajaj or equivalent)				
6.1.	S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.				
i	PANEL LIGHT - High efficacy, recess-mounted panel with white powder coated CRCA housing and full mounted acrylic diffuser (2'x2'), 120 Lm / W for 36 W and 120 Lm, of overall dimensions - Length: 595 mm , Width: 595 mm & Height: 35 mm , Model- and make as approved by the Engineer-incharge/ Architect. [PL]. 3 Years written warranty from Company side to be submitted with the Final Bill	Each	3		
ii	DOWN LIGHT [DL] - Maintenance-free, round downlight with die cast aluminium housing and sleek backlit design suitable for low height ceiling, 15 W , 6500 CCT(K), having cutout: Ø105 mm, Overall Dimension: Ø120 x 28 mm, Model- Areva Prime , having Item Code- IDL-WHT-LARP01R015XC , Wattage-15W, CCT (K)- 6500 K, of M/s Jaquar or equivalent make as approved by the Engineer-incharge/ Architect. [PL]. 3 Years written warranty from Company side to be submitted with the Final Bill	Each	21		
iii	Circle Ring Light (35W - 40W) 600 Diameter Bring in an element of innovation and design with Orbit rings of light in hall space White powder coated finish CRCA housing with extruded Aluminium lip. High efficiency LEDs with long life. Special translucent satin finish virgin PMMA diffuser, Luminaire system wattage. Specially designed driver. Wattage should be inclusive of LED and Driver losses. Model No- Orbit Ring LM23OR (LM23OR-621-xx57-XW)				
	Color Temperature 5000-6000K	Each	6		
iv	Linear recess / Surface mounted light LED Luminaire - 32W,1200mm(l) x 75mm(w) x 100mm(h) with White powder coated finish CRCA housing with extruded aluminium lip. High efficiency LEDs with long life. Special translucent satin finish virgin PMMA diffuser, Luminaire system wattage. Complete assembly with LED, Driver and accessories pre wired upto terminal block. Wattage should be inclusive of LED and Driver losses. Lumen output should be as per LM 79 100 lm/watt . Total Harmonic Distortion (THD) should be less than 10% and Colour Rendering Index (CRI) should be 80 and above. (Wipro - Axeon) Color Temperature 5000-6000K				
a	1200mm X 75mm X100mm	Each	14		
b	600mm X 75mm X100mm	Each	4		
v	Track Light (20W) High efficiency track light with reflector optics for optical excellence. Special track locking system to ensure proper mounting on track. Including cost of Track (Wipro make)				
a	Color Temperature 5000-6000K	Nos	2		
vi	Supply Installation, testing & commissioning of LED STRIP light with driver and 3/4"				
a	Warm white/ Natural White Led Strip	R.Mtr.	24		
vii	SITC of Ceiling Profile Ligth Type TruGroove, Installation/mounting type Recessed, Color Temperature Tc (K) 3000 / 3500 / 4000 Housing (Material And Finish) 3/4" to 2" thick Extruded thick aluminum trim/Section and die-cast endplates, System Wattage 20W, Classifications (IP/IK) IP20, Cover (Glass/ PC) Poly carbonate, Electrical Class II,/ LED Lamps 240Nos/Mtr (LM26) 5 mtr roll with LED Driver lumens Including cost of 3/4" to 2" thick Aluminum Channel Accessories complete as required (Make IP Mac, Sanspa, Helius,)	RFT	50		
viii	2' wide Tubelights T5 14 Watt	No	12		
ix	Supplying including fitting fixing of following star rated Plastic Blade, new 450 mm dia bracket/wall fan of Ivory Colour , complete with all accessories of following sweeps with making necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Department .				
	a) 450 mm sweep [WF]	EACH	6		
x	Supply and fixing of 10" - 12" Metal bladed exhaust fans with louvers.[EF]	EACH	4		
SECTION-F					
6	EARTHING				

	Rate for Earthing under this head shall be inclusive of the cost of Copper Strip 25mm x 5mm for Copper Earthing, GI Strip 25mm x 5mm for GI Earthing along with the cost of 6 SWG dia GI Wire on surface or in recessed)				
6.1.	Supply, Installation, Testing and Commissioning on Maintenance free Chemical Earth Electrodes complying with the latest version of IS 3043 / IEC / IEEE Specifications. The Earth Electrode shall be with 3 M long, 17 mm. dia high tensile strength, copper bonded Steel Rods coated with minimum 250 micron pure eletrolytic Copper. Soil enrichment compound in quantities not less than 10 Kgs shall be used and the Earth Pit shall be back-filled with good quality soil without any Stones / Granules / Sand etc. The Earth Station shall be provided with suitable requisite Copper / GI terminals, 450 x 450 mm brick	Each	2		
	SECTION-G				
7	WIRING FOR DATA AND VOICE OUTLETS				
7.1	Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT--6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-B2-1. and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.				
a	Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in IT incharge/ Security , one each at ZM's table, 1 No for CCTV, 7 nos at conference table)	Nos	2		
b	Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make	Nos	7		
c	Tesing, Labelling, scanning of I/O Nodes & submission of report.	Nos	16		
d	S.I.T.C. of Fully loaded Jack Panels of required port as per the above LAN points	Nos	1		
e	S.I.T.C. of Managed Switches 10/100 MBPS for above LAN Points	Nos			
f	S.I.T.C. of 3 Ft. Factory Crimped Mounting Cords Same Makes as in Item no b.	Nos	16		
g	S.I.T.C. of 7Ft. Factory Crimped Mounting Cords .Same Make as Item No b.	Nos	16		
h	Re-locate & re-arranging of exiating Server rack to new locations	Job	1		
8	A.C POINT WIRING				
	A.C. power point wiring from AC DB (As per SLD) with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of 'Wago' type connectors. Each Ac will be connected through Inverter to be located near the ACDB. Rates shall be inclusive of	NOS	6		
9	MISCELLENIOUS WORKS				
9.2	4 Pole 100 Amp Manual Changeover Switch For Mains to D.G. supply switching (If D.G. Back-up is provided). Rates shall be inclusive of complete wiring and no payment for wiring shall be entertained for this item of work	No	1		
13	MISC WORKS				
14.2	S.I.T.C. TV Coaxial Cable for R.O./Branch Display	Mtr	90		
14.3	S.I.T.C. of TV Coaxial Cable Socket Outlets with moulded Front Plate G.I. anodized enclosure in/on wall with other associated accessories including chasing/ embedding etc.	No	3		

C TOTAL OF ELECTRICAL & OTHER RELATED WORKS

ESTIMATED BOQ FOR AIR CONDITIONING WORKS OF MODEL BRANCH AT R.G.B. ROAD, CHANDMARI, GUWAHATI, ASSAM

SNO	DISCRIPTION	UNIT	QTY	RATES	AMOUNT
1	S.I.T.C. of 5 Star 2 Ton capacity High wall mounted Split A.C. comprising Indoor & Out-door units. Indoor unit comprising Multi Row DX cooling coil, expansion valve, drier, motor driven air-blower with metallic frame etc. Out-door unit will have rotory/scroll compressor, condenser coil, & fan, Cordless remote control unit etc. including refrigerant gas charging.	Nos	3		
2	S.I.T.C. of 5 Star 1 Ton capacity High wall mounted Split A.C. comprising Indoor & Out-door units. Indoor unit comprising Multi Row DX cooling coil, expansion valve, drier, motor driven air-blower with metallic frame etc. Out-door unit will have rotory/scroll compressor, condenser coil, & fan, Cordless remote control unit etc. including refrigerant gas charging.	Nos	3		
3	S.I.T.C. of 5 Star 0.8 Ton capacity High wall mounted Split A.C. comprising Indoor & Out-door units. Indoor unit comprising Multi Row DX cooling coil, expansion valve, drier, motor driven air-blower with metallic frame etc. Out-door unit will have rotory/scroll compressor, condenser coil, & fan, Cordless remote control unit etc. including refrigerant gas charging.	Nos			
4	S.I.T.C. of suitable voltage stabilizers for above capacity Air-Conditioners.(Make : V-Guard / Microteck only to be Provided)	Nos	6		
5	S.I.T.C. of 12.5 sq.mm. & 6.25 Sq.mm. dia. Copper refrigerant pipe with foam Insulation between Indoor & Outdoor units with breaking of wall for making hole wherever required For Split Air- Conditioners.	Mtr.	20		
6	S.I.T.C. of 3 core & 4 sqmm copper conductor flexible cable between Indoor & Outdoor units through holes as made above for Split A.C.'s.	Mtr.	20		
7	S.I.T.C. of 19/25 mm. PVC conduit pipe to be used as a drain water pipe. Through holes as made above.	Mtr.	80		
8	S.I.T.C. of L shape / suitable shape M.S. Frame stand for mounting Outdoor Units on wall / On floor with all fixing hardwares. Within above Catwalk for cassette & split A.c.'s.	Nos	6		
9	S.I.T.C. of aNAnLOG timer for Server and UPS room AC with 4/8/12 hr Operation option.	Nos	1		
10	Civil work: chisling of walls, palstring of walls, etc required	LOT	1		
	NOTE : AC units of Voltas, Blue-Star, Carrier only; AC's with COPPER Condenser & Evaporator coils are only to be supplied. Only one of these Makes to be quoted. Pl. enclose Tech. Brocher of the quoted Cassette/ Split A.C. <u>A C 's having Service centre In/Near the City should be preferred</u>				
	TOTAL				

Note: All items rate are excluding GST.

**ESTIMATED BOQ FOR C C T V WORKS OF MODEL BRANCH AT R.G.B. ROAD, CHANDMARI,
GUWAHATI, ASSAM**

CCTV IP Camera System					
SNO	DESCRIPTION	UNIT	QTY	RATES	AMOUNT
1	Supply,Installation,Testing and commissioning of approved make 8 Channel Metal 4 SATA 4K NVR	NOS	1		
2	Supply,Installation,Testing and commissioning of 4Mp IP Dome Camera of approved make	NOS	8		
3	Supply,Installation,Testing and commissioning of 8 - Port Unmanaged PoE Switch DES-1018MP	NOS	1		
4	Supply,Installation,Testing and commissioning of Digital WD/Seagate Purple 10 TB SATA Internal Surveillance Hard Drive (WD60PURZ)	NOS	1		
5	SAMSUNG 80 CM (32 inch)HD LED,TV,(UA32T4010ARXXL)	NOS	1		
6	Supply,Installation,Testing and commissioning of D-Link 9 U Rack With PDU , Fan and Mounting asccessories	NOS	1		
7	Supply,Installation,Testing and commissioning of D-Link Cat 6 cable For Camera (305 Mtr)Roll	BOX	1		
8	Supply,Installation,Testing and commissioning of D-Link Cat 5 Rj 45 Cable Connector	BOX	8		
9	Supply,Installation,Testing and commissioning of PVC Box for CCTV Camera 4"x4"	BOX	8		
10	Supply,Installation,Testing and commissioning of AKG Medium PVC Conduit Pipe, Size: 25 mm With Accessories	Mtr	180		
11	Supply,Installation,Testing and commissioning of 20 Mtr HDMI Cable connecting from NVR to Display unit	NOS	1		
Grand Total For CCTV Camera System					

**ESTIMATED BOQ FOR FIRE ALARM WORKS OF MODEL BRANCH AT R.G.B. ROAD, CHANDMARI, GUWAHATI,
ASSAM**

Fire Fighting System					
SNO	DESCRIPTION	UNIT	QTY	RATES	AMOUNT
A	FIRE DETECTION SYSTEM				
1	Supplying, laying, testing and commissioning of 1100 volt Fire survival 1.50 sq mm x 2 core FRLS 7/53 mm armoured copper conductor and cable for 650 DEG C cable laid on Surface/ walls including the cost of saddling and clamping and including the cost of dressing etc. complete as per specifications. Approved Make				
a)	2C x 1.5 Sq mm	R.mtr	40		
2	Supplying, installation, testing & commissioning of Electric Optical Intelligent Multi Criteria Smoke Detector with built in LED and mounting base complete with all connections etc. as required. Approved Make	Nos	13		
3	Supply, installation, testing and commissioning of addressable type Rates cum rise type heat detectors with built in fault isolator on surface / false ceiling complete with base as required.	Nos	4		
4	Supplying, installation, testing & commissioning of Manual call boxes of ABS Type with assembly complete with glass and push button etc. as required (Intelligent Manual Call Point, For Fire Alarm System ; Color. Red ; Operating Temperature. -40 to 70 c ; Protocol Voltage. 5 - 13 V) . Approved Make	Nos	1		
5	Supplying, installation, testing & commissioning Multiple Intelligences response indicator on surface/recess ABS TYPE box having two LEDs ABS cover complete with all connections etc.as required. Approved Make	Nos.	1		
6	Supplying, installation, testing & commissioning Multipal fire alarm sounder with facility to make announcement, mounted in ABS type box (16 SWG) with hinged cover plate & suitable for operation with amplifier i/c line matching transformer etc. complete as required. Approved Make	Nos	1		
7	Providing/Fixing of Zone -2 main control panel suitable for wall/floor mounting fabricated from 16 SWG CRCA sheet including audio visual indication for each zone main operated with 24 volt sealed maintenance free echargeable battery complete. (MAKE: ASES)	nos	1		
	Total				

ESTIMATED BOQ FOR AIR CONDITIONING WORKS OF MODEL BRANCH AT R.G.B. ROAD, CHANDMARI, GUWAHATI, ASSAM

SL NO:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
H	BOUGHT OUT FURNITURE				
1	SOFAS				
1	Providing and supplying Sofas of approved make and colour. Sofas shall have mild steel chrome plated legs finished with leatherite.				
a	Three seater Leatherette Sofa in black colour	1	NOS.		
b	Single seater Leatherette Sofa in black colour	0	NOS.		
c	Two seater Tadem Sofa with Cushioned seat and back in chrome finish		NOS.		
2	CHAIRS				
	Providing and supplying medium back chairs as per following specification (1). The chairs has a back inner / outer shell made out up of polypropylene having snap type fittings . (2). Moulded foam (48 DENSITY) is used on the seat and back. (3). A hot presses plywood seat (12 MM THICK) is used as base (4). The arm rest used is made up of soft polyurethane (250 density) having mild steel insert (5).The tilting mechanism used is having only back movement lockable at the front position. (6). The seat to back connecting mild steel plate is 10 MM thick. The handle connecting mild steel plate is 5 MM thick. (7). A seat outer made up of POLYPROPYLENE is used for asthetic appeal. (8). An imported gas lift mechanism is used for seat height adjustment. (9). A mild steel powder coated base (630 MM WIDE) is used having a load capasity of 800 KGS. (10). Twin wheel nylon castore are used having a load bearing capasity of 50 Kgs. Per Caster.				
a	BM's CHAIR				
	Executive High back with imported Leather chair with Multi Locking and Gaslift with Alu.Buffed Arms and base (with Head Rest)	1	Nos		
b	Officer's/ Clerical/ Visitora/ Reception's etc. CHAIR				
	Bravo Low back, leatherette seat and back, centre-tilt mechanism, fixed arms with nylon base	9	Nos		
	GRAND TOTAL				
H	TOTAL OF BROUGHT OUT ITEMS				

ESTIMATED BOQ FOR AIR CONDITIONING WORKS OF MODEL BRANCH AT R.G.B. ROAD, CHANDMARI, GUWAHATI, ASSAM
PART B:- CIVIL & PLUMBING WORKS

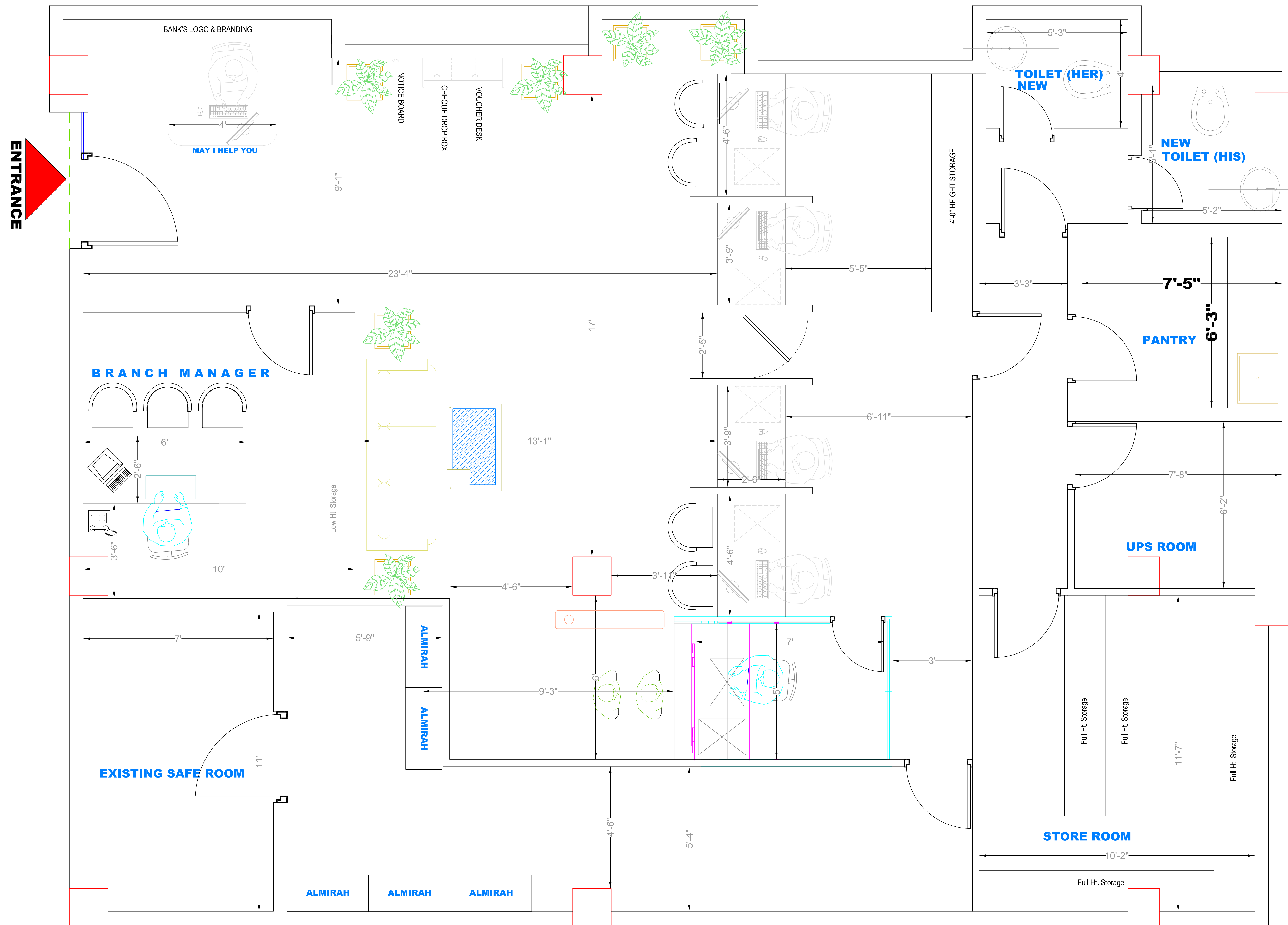
SR.NO	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
INTERNAL CIVIL SCOPE OF WORKS					
I	DISMANTLING & DEMOLITION				
	Dismantling 6" thk, brick wall carefully by using machine to cut & making good wall edges with 1:4 cement plaster including removal of debris from site.	Job	1		
	Dismantling and removing doors and windows with frame wherever required in a manner which facilitates easy fixing of new doors and windows without undue expense. the rate shall include removal of debris from site				
	Dismantling marble, granite, kota, marble mosaic, ceramic tile flooring & dado including skirting and excavation up to 6" in plinth wherever required, etc. In a manner which facilitates laying of new flooring without undue extra expense. The rate shall include removal of debris from site.				
	Dismantling raised platforms etc. Wherever required in a manner which facilitates laying of new flooring without undue extra expense. The rate shall include removal of debris from site.				
	Dismantling and removal of wash Basin, WC, Urinals, Squatting Pans, etc and all other sanitary fittings and fixtures from Ladies & Gents Wash Rooms				
2	6" THK BRICK WALL WITH PLASTER- Constructing 6" thk. Brick wall in 1:6 cement mortar. Brick used shall be of best quality kiln burnt, having sharp edges & giving clear ringing sound when struck against each other. The rate shall be inclusive of plastering the walls with ¾" thk. 1:4 cement plaster on both sides. A 4 ½" R.C.C. Patti Beam shall run horizontally @ 3'-0" c/c. The rate shall be inclusive of any scaffolding required, curing etc, complete.	S.FT	432		
3	PLASTERING (Additional Plastering / Repaiing, patch up works)- Providing & applying cement sand plaster of 1:4 proportion to existing brick / RCC walls & ceilings in single coat of avg. ¾" thk. Finished rough to receive plaster of paris levelling coat. The rate shall include necessary scaffolding, curing etc. Complete.	S.FT	50		
4	WATER PROOFING- Providing & laying water proofing treatment , by applying cement slurry mixed with water proofing cement compound consisting of applying (a) first layer of slurry of cement @ 0.488 kg/ sq.m mixed with water proofing cement compound @ 0.253 kg/ Sq.m. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @0.242 kg/ Sq.m mixed with water proofing cement compound @ 0.126 kg/ Sq.m. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes, preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.etc. complete.	S.FT	80		
5	VITRIFIED TILES FLOORING - Providing and fixing VITRIFIED Tiles of approved make, shade and pattern as shown in the drwng. / as aproved by Bank/ Architect. In CM 1:4 in proper line and level with out spacers for maintaining the grid lines. Rate shall be inclusive of providing and laying necessary PCC and Cement Mortar for a thickness of 3" and joint filling compound of the same shade of the tiles and including pop covering on the new flooring for the protection of tiles with base covering plastic.	S.FT	630		
	1000mm x 1000 mm type (approx.)				
6	ANTI SKID TILES FOR TOILET & PANTRY- Providing and laying 600 X 600 MM (Basic Rate : Rs.75/Sq.ft.) flooring of Vitrified Tiles of approved make and sample in pattern as per detailed drawings on up to 40 mm thick bed of cement sand mortar in a ratio of 1 : 6, including surface preparation, applying neat cement float, giving necessary slopes, cleaning joints and grouting them in neat white cement paste with pigmented additives to match shade of the tile. etc complete. Cost should be inclusive of cement screed in case the bedding thickness increase beyond 25 mm, it should also include the cost of hacking the existing IPS Floor, if required.	S.FT.	148		
7	VITRIFIED TILE DADO - Providing and fixing 24" x 24" approved quality, make & shade of VITRIFIED tiles as per pattern for dado from FFL using CM 1:4 in proper line and level. The rate shall include necessary backing material, water proofing and joint filling compound of the same shade as that of the tiles. All sanitary fittings shall be located on the joints or junctions of the tiles.	S.FT.	280		
8	GRANITE FRAMES TO TOILET / PANTRY DOORS- Providing & fixing 3/4" thk Granite for door frames in vertical jambs & soffit, with outer part of 4" width and inner part of 2" width fixed on walls with a difference of ½" for door shutter, including machine polish on exposed edges and rounding of corners, necessary backing material, and joint filling compound of same shade of Granite.	R.F.T.	51		
9	PANTRY PLATFORM IN JET BLACK (WITH SINK & COCK)	R.FT.	6.25		

	Providing and laying platform of 2'-0" width (clear) and at 2'-8" height (top) above FFL of approved 20 mm thick granite with bull nosed edges. It shall be supported on RCC slab with vertical brick wall supports. A 2" granite fascia should be provided below the bull nosed edge of granite platform. Rate shall be inclusive of making cutouts and polishing the edges for 18 " x 18 " S. S. Nirali sink without drain board (medium) or equivalent make). A flexible pipe from sink to the nahni trap shall be provided. Rate shall also include one jaguar continental C P SWAN NECK TAP with swinging casted spout (no. 347).				
10	GRANITE FRAMES TO TOILET / PANTRY DOORS	R.F.T.	0		
	Providing & fixing 3/4" thk Granite for door frames in vertical jambs & soffit, with outer part of 4" width and inner part of 2" width fixed on walls with a difference of 1/2" for door shutter, including machine polish on exposed edges and rounding of corners, necessary backing material, and joint filling compound of same shade of Granite.				
11	PLUMBING & SANITARY FITTINGS				
i	15mm DIA C.P.V.C. PIPE	R.F.T.	88		
	Providing & fixing 15mm dia CPVC pipes for distribution in toilets / pantry including chase cutting, chase filling. The rate shall include all accessories like tees, unions, elbows, bends etc. required to make the system operational and complete.				
ii	32mm DIA C.P.V.C PIPE	R.F.T.	20		
	Providing & fixing 32 mm C.P.V.C pipes for distribution in toilets / pantry including chase cutting, chase filling. The rate shall include all accessories like tees, unions, elbows, bends etc. required to make the system operational & complete.				
iii	DRAINAGE				
	Providing & fixing PVC pipes of supreme/prince make or equivalent in position of required size with special fittings, traps, bends, ys, floor & nahni traps etc. Including chemical sealed joints as required at site making necessary connections with existing lines for w.c. & waste water lines, chambers to be constructed wherever necessary, unused lines for w.c. & waste water to be removed, the rate shall include all incidental work, cutting & making good walls & floors etc. Complete. Please visit the site for inspection.				
a	3"	RFT	32		
b	4"	RFT	48		
iv	GULLY TRAP	Nos	0		
v	Inspection Chambers	No	0		
12	SANITARY FIXTURES OF JAQUAR MAKE				
	Providing & fixing following fixtures, the rate for the following shall be inclusive of all necessary fixtures, labour charges accessories & attachments to make then operational.				
ii	EWC - RIMLESS WALL HUNG WC WITH UF SOFT CLOSE SLIM SEAT COVER HINGES ACCESSORIES SET SIZE: 380X515X360 MM , Having <u>CNS WHT-963UFSM</u>	Nos	2		
iii	SINGLE PIECE SLIM CONCEALED CISTERN BODY WITH INSTALLATION KIT (WITHOUT FLUSH CONTROL PLATE), Having <u>Cat No. JCS-WHT-2400</u> (For all Toilet)	No	2		
v	FLUSH CONTROL PLATE KUBIX, Having <u>Cat No. JCP-CHR-2415</u>	No	2		
vii	WASH BASIN with pedestal of Oyester series	No	2		
ix	Pillar Cock for Wash basin	No	2		
x	BOTTLE TRAP (WITH INTERNAL PARTITION) 32MM SIZE WITH 300MM & 190MM LONG WALL CONNECTION PIPES & WALL FLANGE , Having <u>Cat No. ALD-CHR-769L300X190</u>	No	2		
xi	ANGULAR STOP COCK WITH WALL FLANGE Having <u>Cat No. FLP-CHR-5053PM</u>	No	3		
xiii	2 WAY BIB COCK WITH WALL FLANGE, Having <u>Cat No. FLP-CHR-5041PM</u>	No	2		
xiv	HAND SHOWER (HEALTH FAUCET) WITH 8MM DIA 1 METER LONG FLEXIBLE TUBE AND WALL HOOK , Having <u>Cat No.ALD-CHR-573</u>	No	2		
xviii	SOAP DISH HOLDER , Having Cat No. <u>ACN-CHR-1131N</u>	No	2		
xix	TOWEL RING SQUARE , Having Cat No. <u>ACN-CHR-1121N</u>	No	2		
xxi	TOILET ROLL HOLDER , Having Cat <u>No.ACN-CHR-1151N</u>	No	2		
xxii	TWIN ROBE HOOK- CP BRASS Double Coat Hook , Having Cat No. <u>AKP 35761P</u> (For all toilets)	No	2		

xxiii	SINK COCK- Supply & Fixing 15mm size CP brass table mounted Sink single lever sink mixer with swinging spout with 450 mm long braided hoses and necessary fittings etc. complete, Having Cat No. <u>ARI 39173B</u>	No	1		
13	ACCESSORIES		0		
ii	Supplying & fixing 100 mm (4") fixing NAHANI TRAP (Supreme or equivalent) of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: and connecting it to the existing waste pipes outside. Rate should include cost of removing the existing trap, embedding in plain cement concrete all around in perfect level all complete as directed.	No	3		
iv	S.STEEL TOILET SIGNAGES (4" x 4")	NOS.	2		
B	TOTAL FOR CIVIL & PLUMBING WORKS				

OPTION - 04

REVISED ON 05.12.2024



PROPOSED LAYOUT PLAN FOR R. G. BARUAH RD. MODEL BRANCH

CLIENT

PUNJAB & SIND BANK

GUWAHATI ZONAL OFFICE
UZAN BAZAR, RIVER SIDE
GUWAHATI - 01, ASSAM

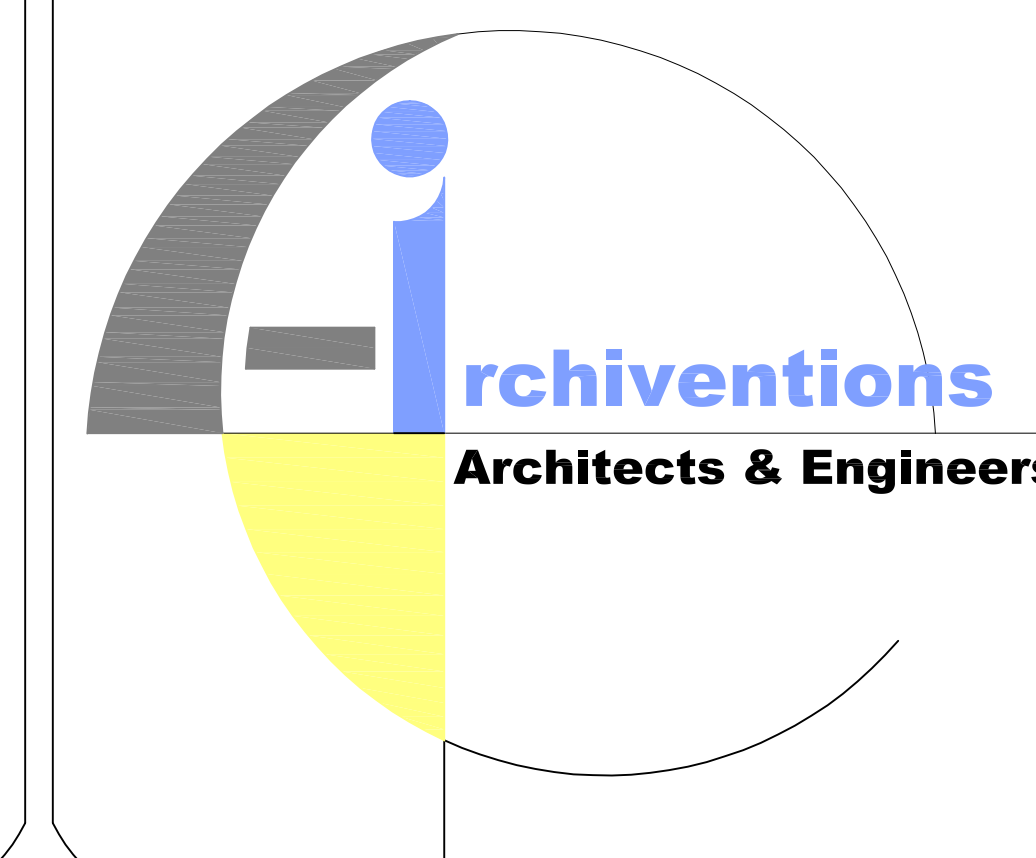
Description of Proposal.

PROPOSED LAYOUT PLAN FOR R. G BARUAH RD MODEL BRANCH
AT CHANDMARI, GUWAHATI, ASSAM

(FIRST FLOOR PLAN)

JOB NO.	DATE	SCALE	DEALT BY	CHKD BY	DRG NO.
			AR. DEBOJYOTI DEBROY		

SIGN & STAMP



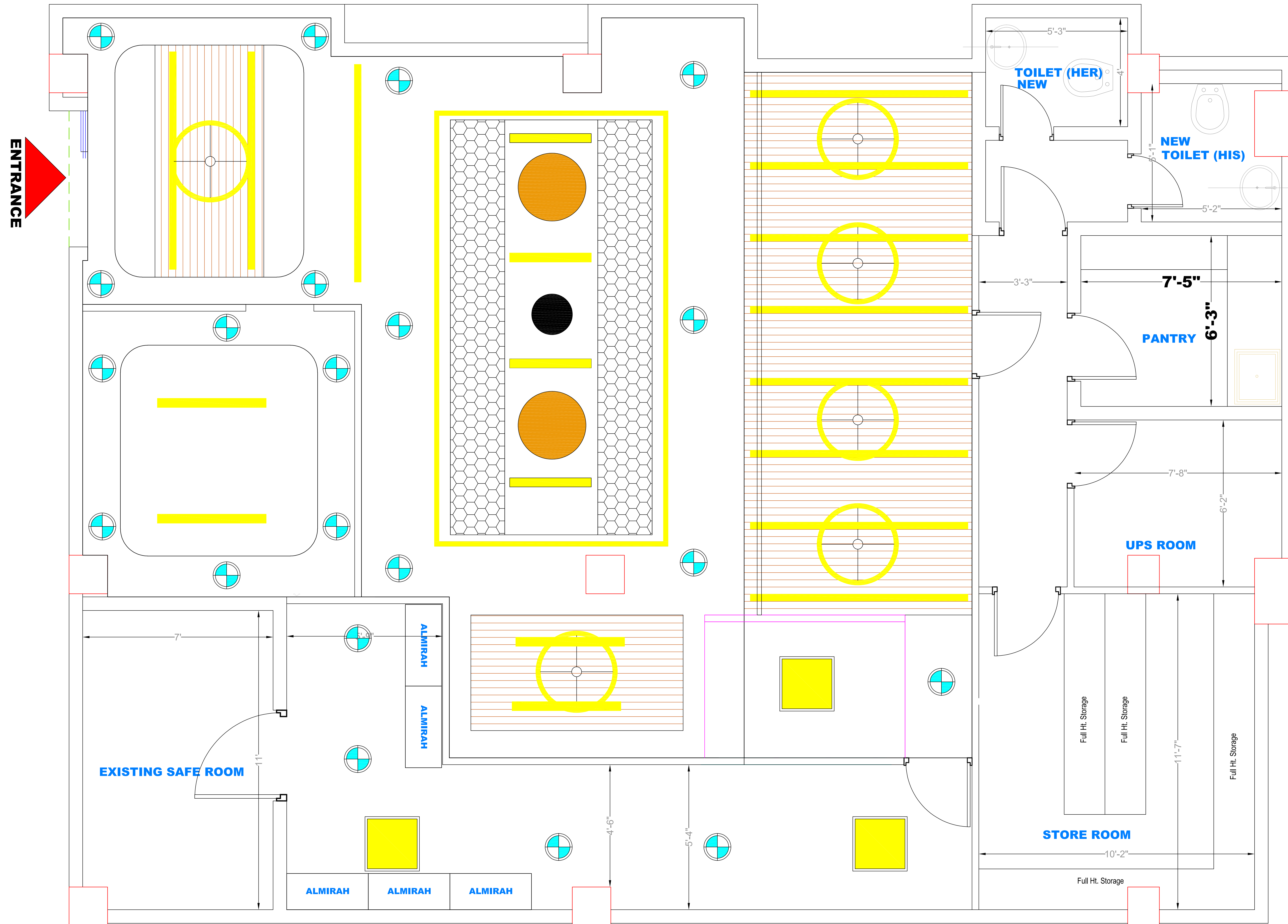
FIRM NAME & ADDRESS

ARCHIVENTIONS

Architects , Planners & Interior Designers
C.O.A. Regd. No.- CA / 2004 / 32922

ADDRESS
HOUSE NO-95, GROUND FLOOR
LACHITNAGAR MAIN ROAD,OPPMHARI NAAMGHAR
LACHITNAGAR, GUWAHATI-781007, ASSAM
PH- 9854062928/9436017122

FLOOR PLANS



OPTION - 04

REVISED ON 05.12.2024

FALSE CEILING PLAN FOR R. G. BARUAH RD. MODEL BRANCH

CLIENT

PUNJAB & SIND BANK

GUWAHATI ZONAL OFFICE
UZAN BAZAR, RIVER SIDE
GUWAHATI - 01, ASSAM

FLOOR PLANS

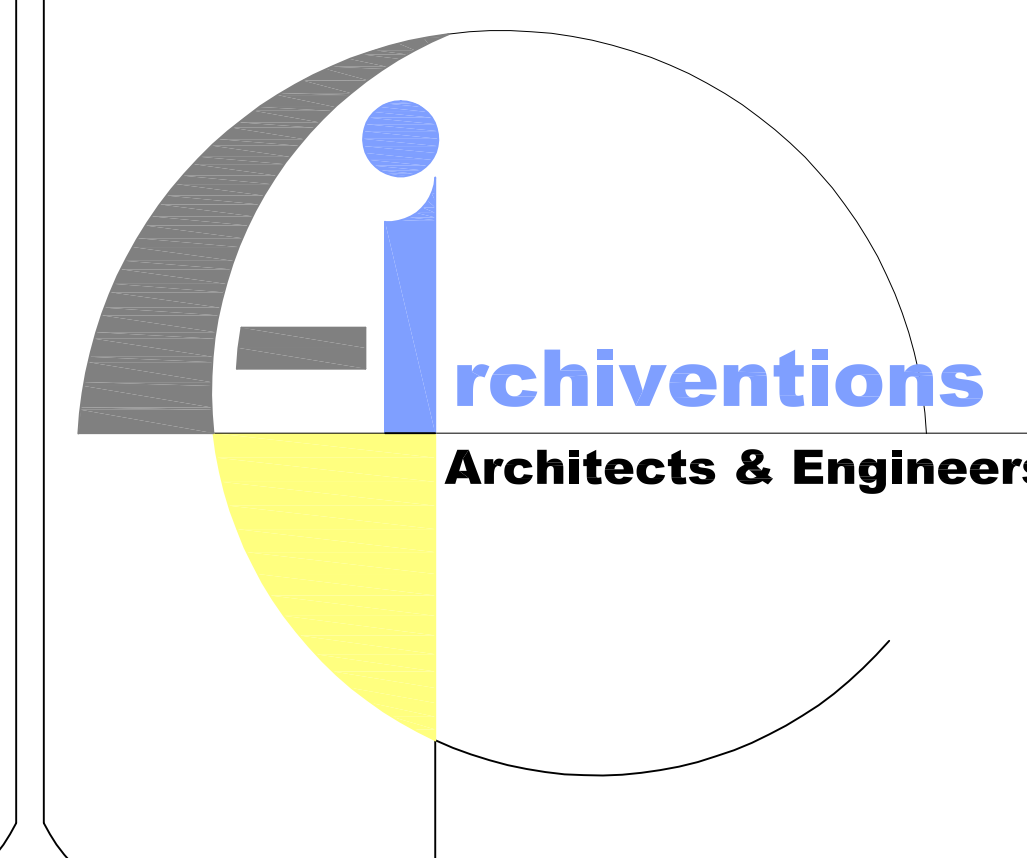
Description of Proposal.

FALSE CEILING PLAN FOR R. G BARUAH RD MODEL BRANCH
AT CHANDMARI, GUWAHATI, ASSAM

(FIRST FLOOR PLAN)

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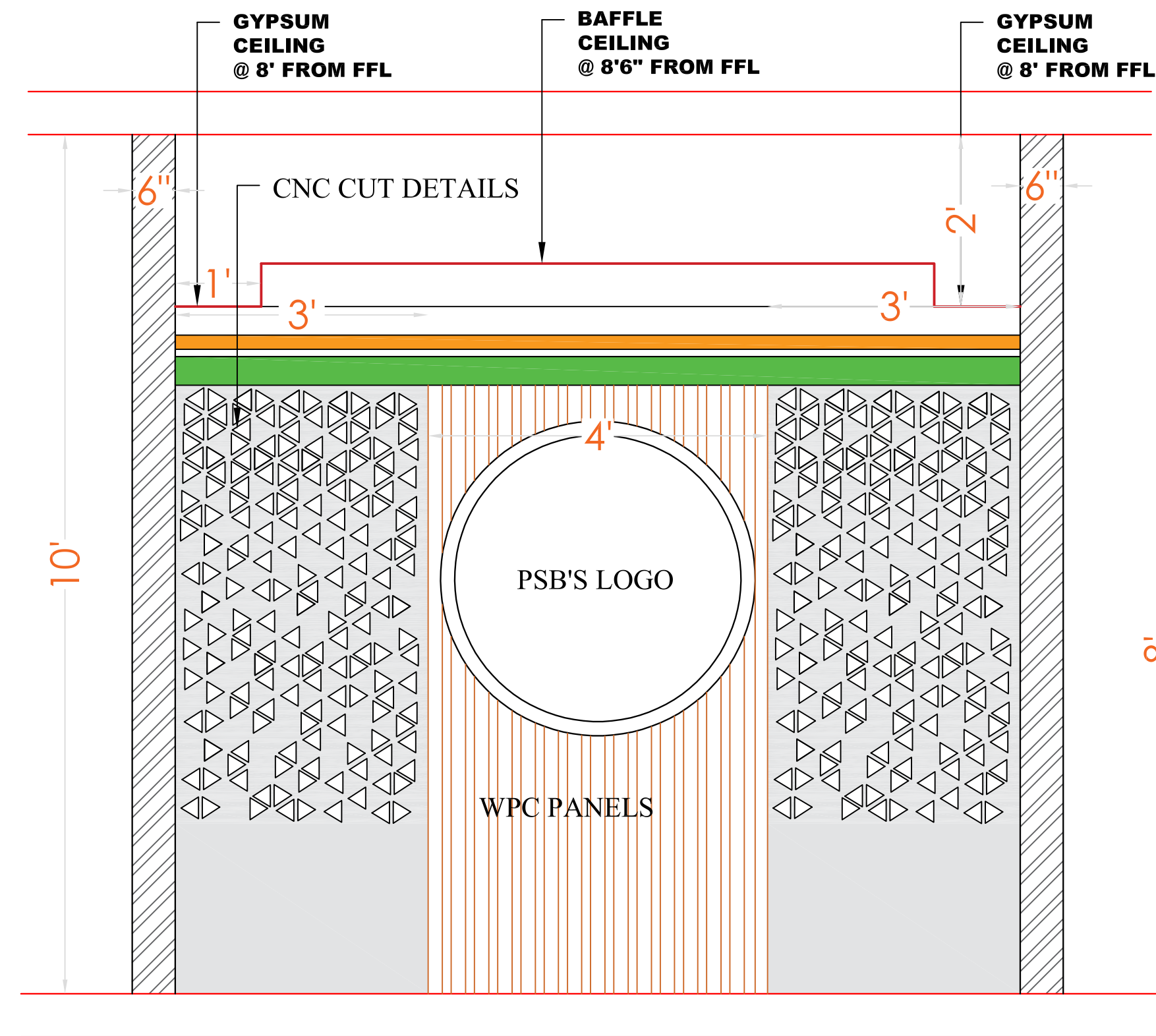


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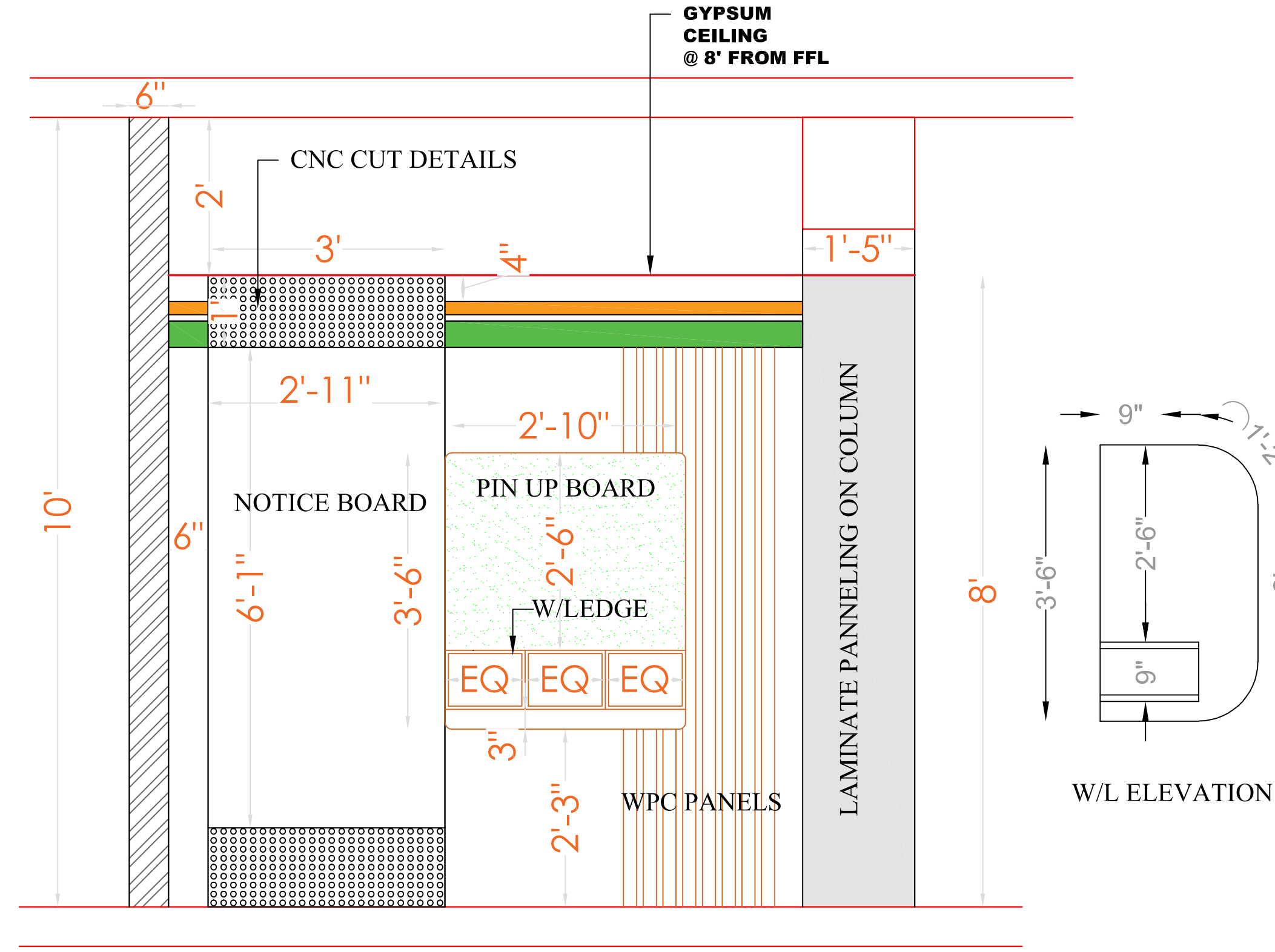
ARCHIVENTIONS

Architects , Planners & Interior Designers
C.O.A. Regd. No.- CA / 2004 / 32922

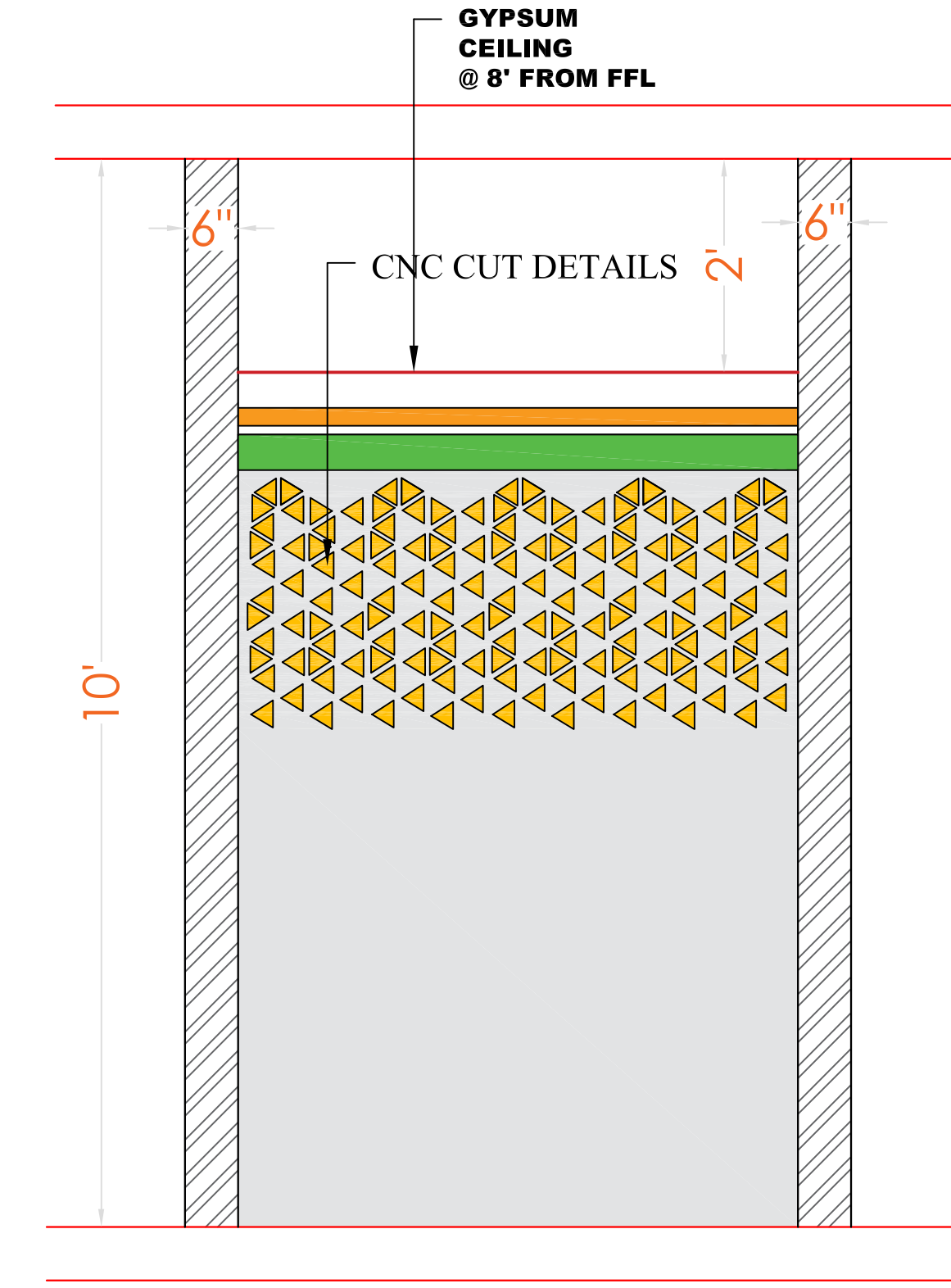
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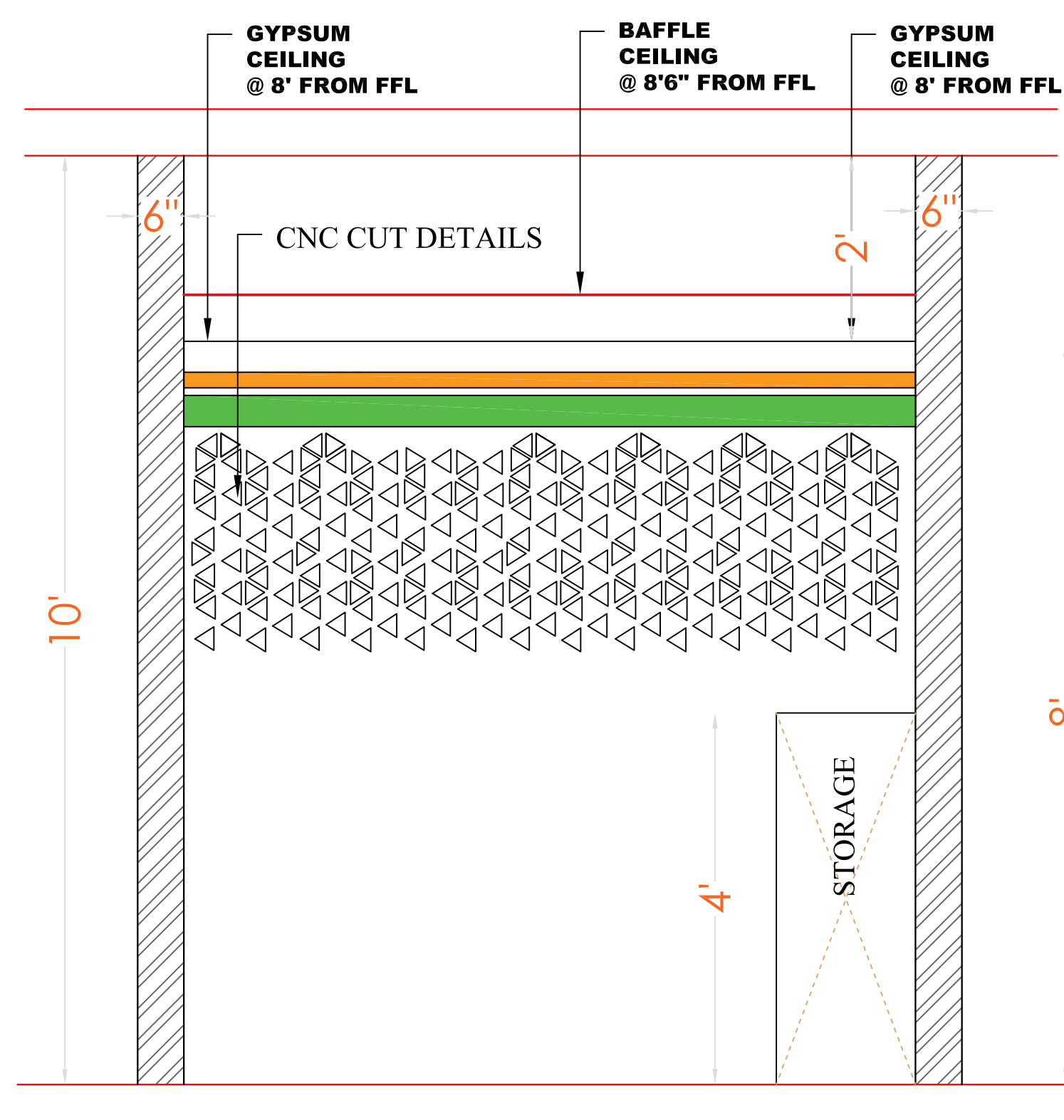
ELEVATION AT VIEW **A**
RECEPTION



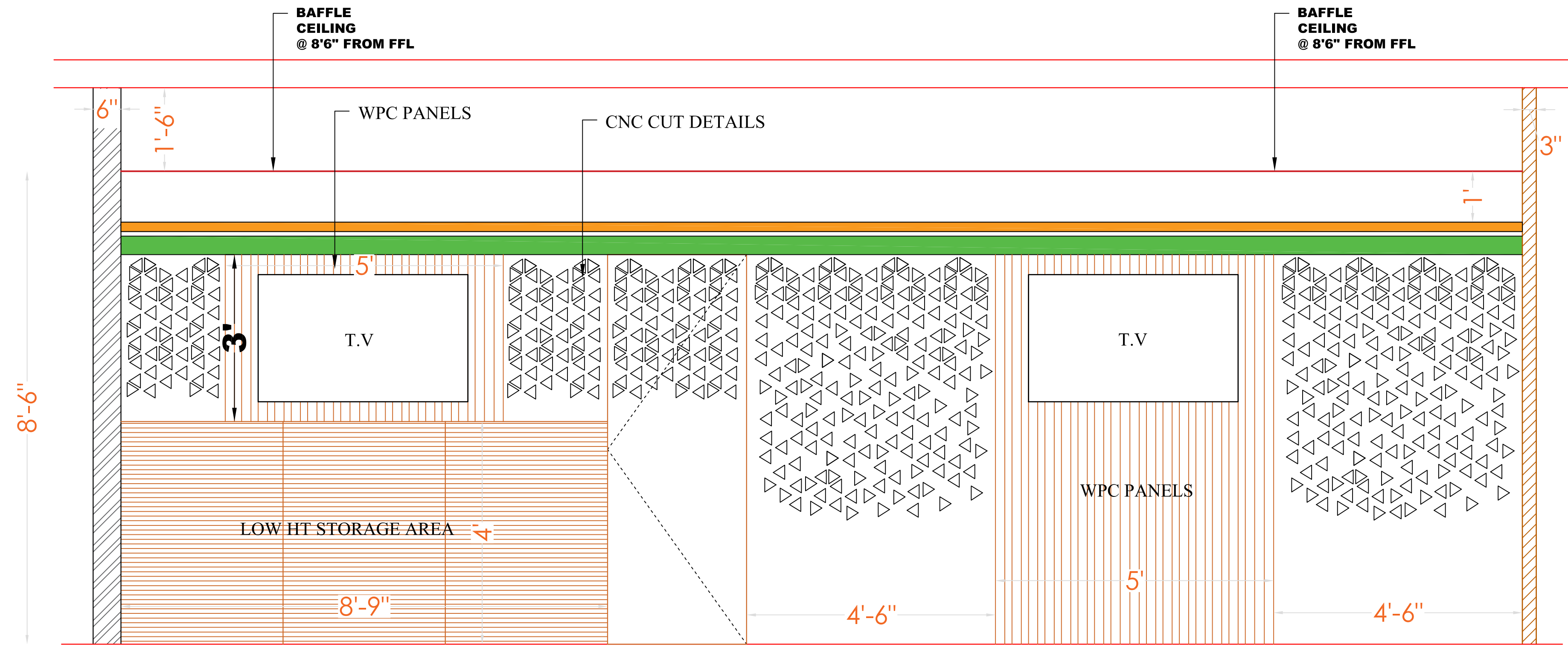
ELEVATION AT VIEW **B**
NOTICE BOARD AND W/L
WALL



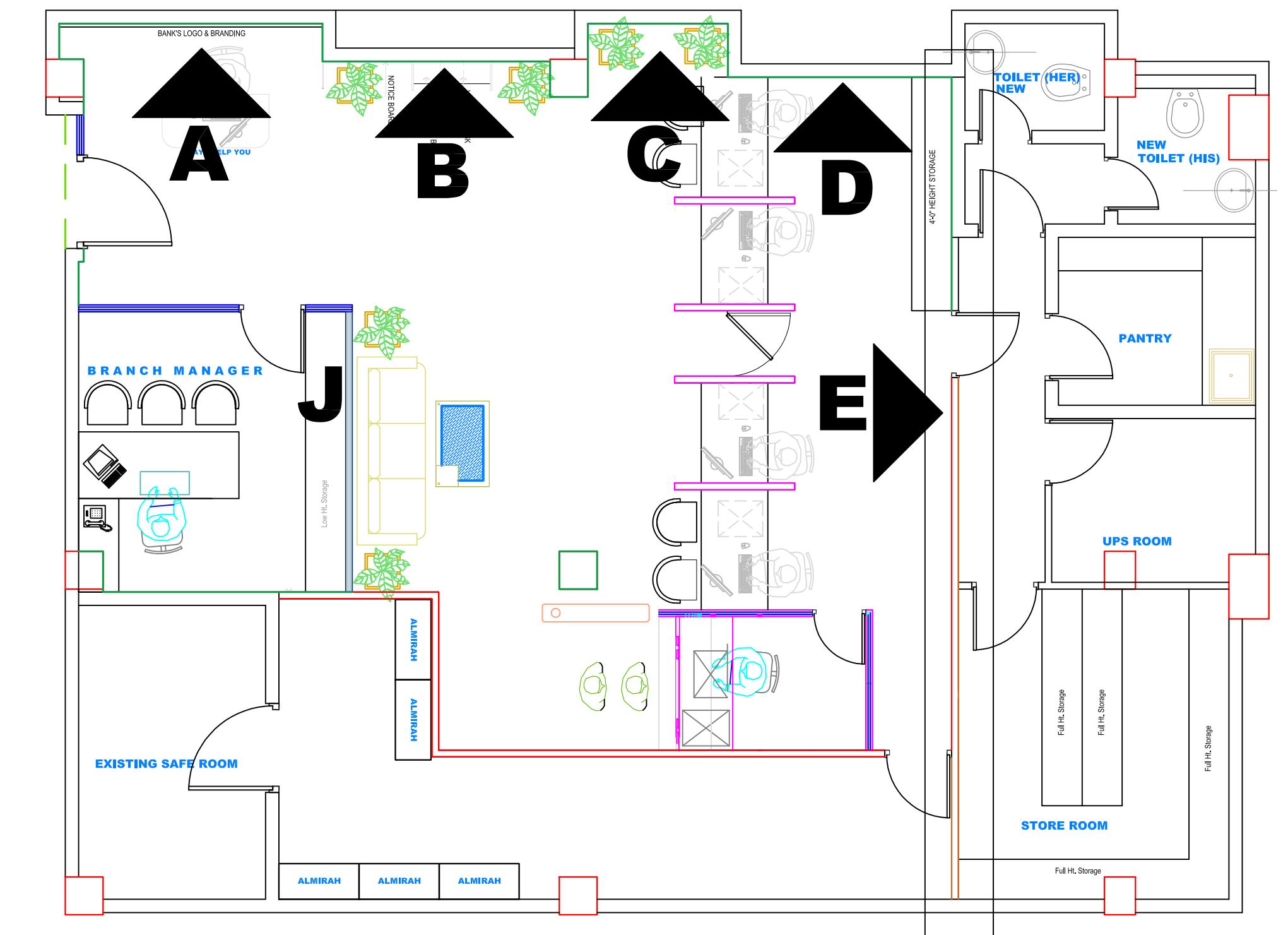
ELEVATION AT VIEW **C**
RUNNING COUNTER SIDE
WALL



ELEVATION AT VIEW **D**
RUNNING COUNTER SIDE
WALL



ELEVATION AT VIEW **E**
RUNNING COUNTER BACK WALL



KEY PLAN

DETAILS DRAWING FOR R. G. BARUAH RD. MODEL BRANCH

CLIENT

PUNJAB & SIND BANK

GUWAHATI ZONAL OFFICE
UZAN BAZAR, RIVER SIDE
GUWAHATI - 01, ASSAM

FLOOR PLANS

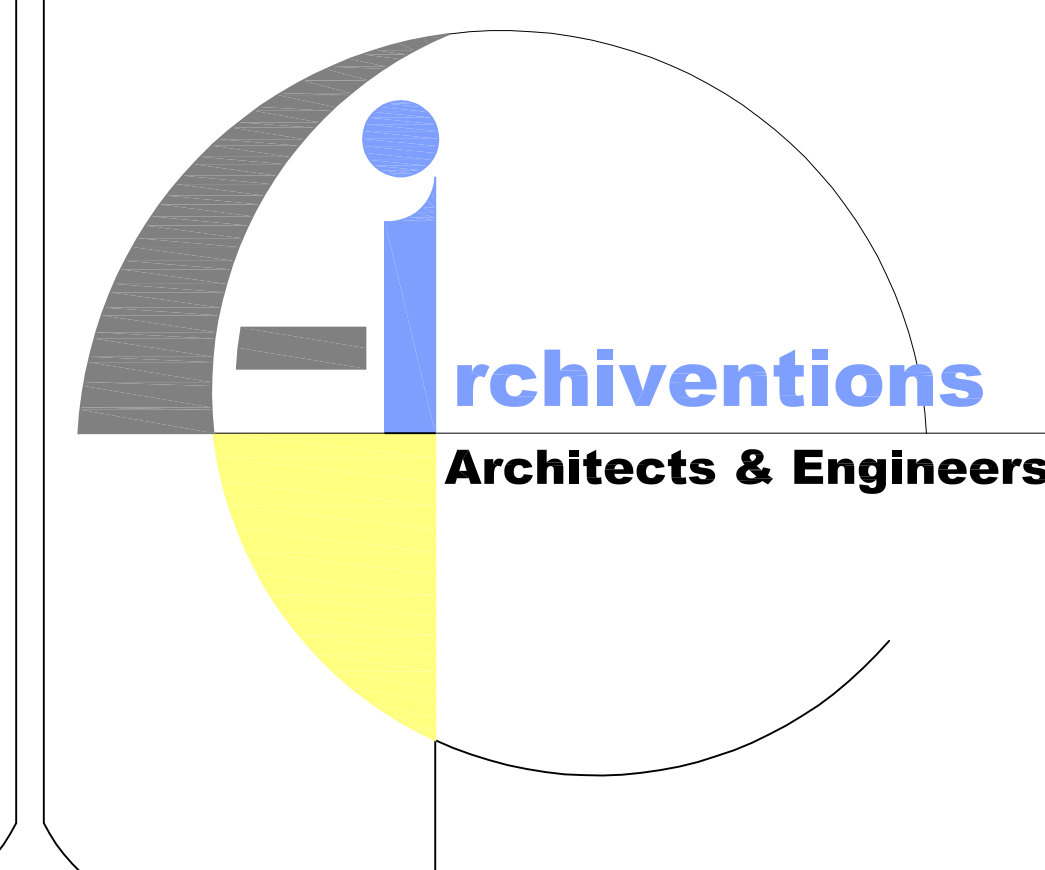
Description of Proposal.

DETAILS DRAWING FOR R. G BARUAH RD MODEL BRANCH
AT CHANDMARI, GUWAHATI, ASSAM

(FIRST FLOOR PLAN)

JOB NO.	DATE	SCALE	DEALT BY	CHKD BY	DRG NO.
			AR. DEBOJYOTI DEBROY		

SIGN & STAMP

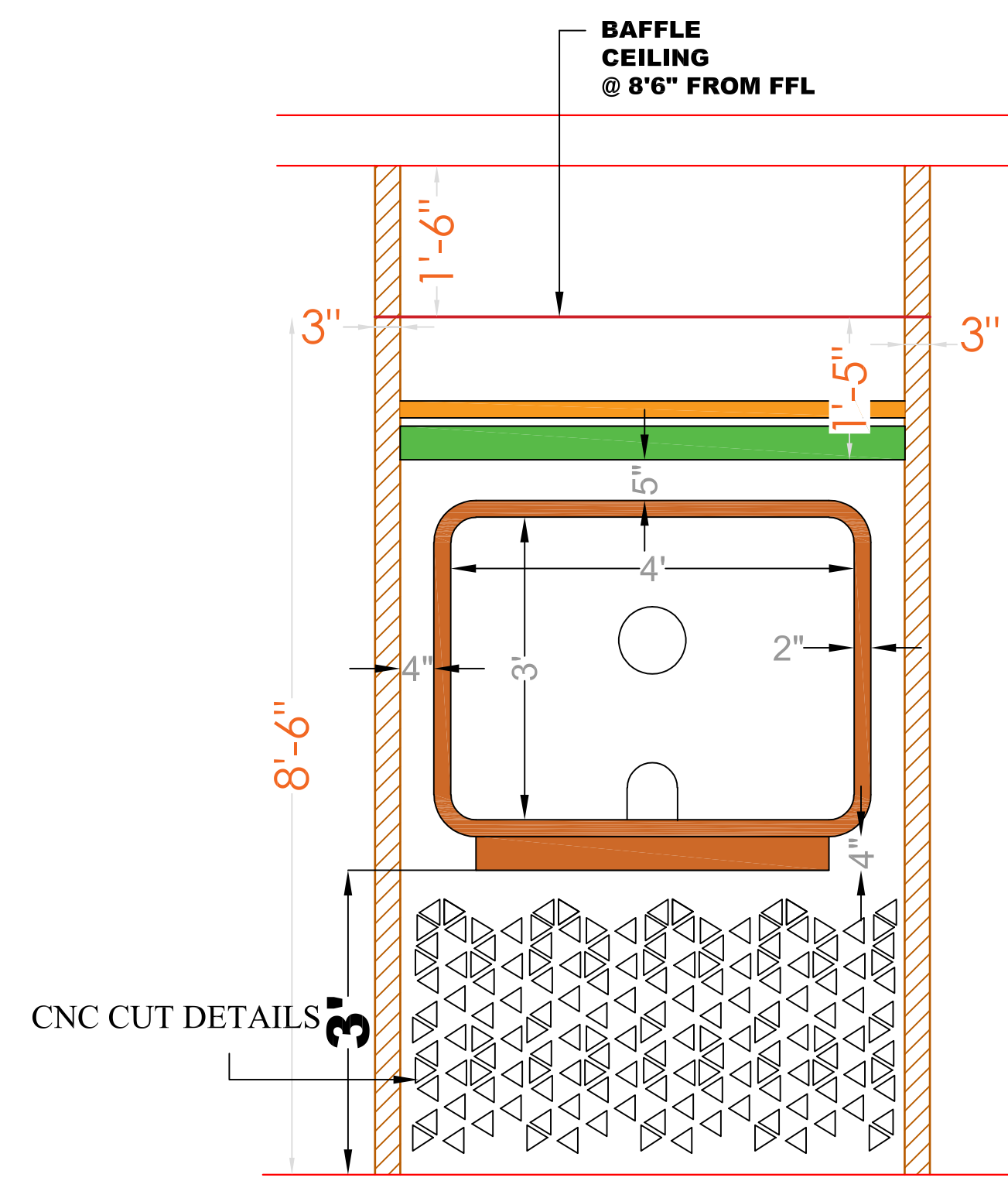


FIRM NAME & ADDRESS

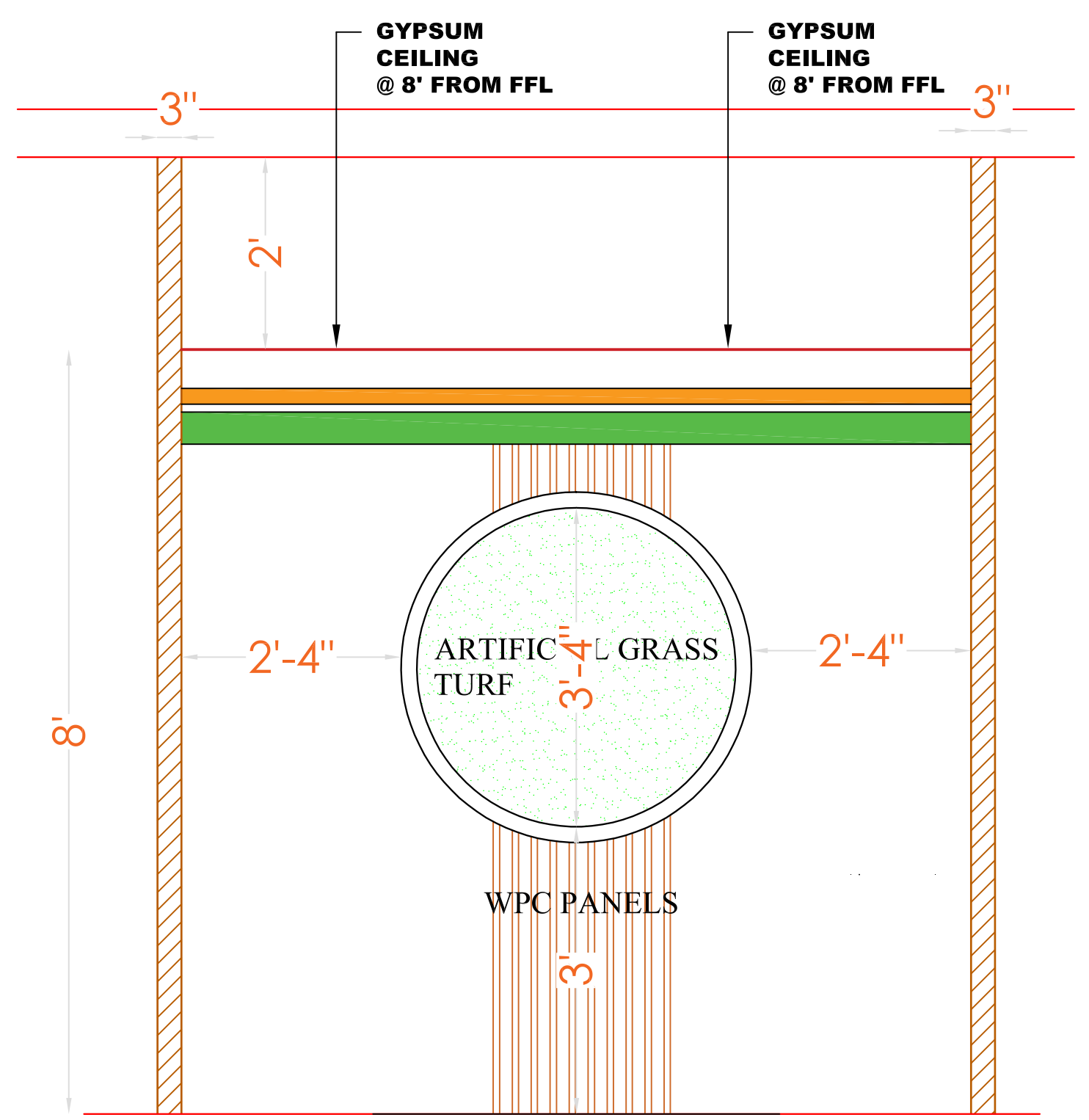
ARCHIVENTIONS

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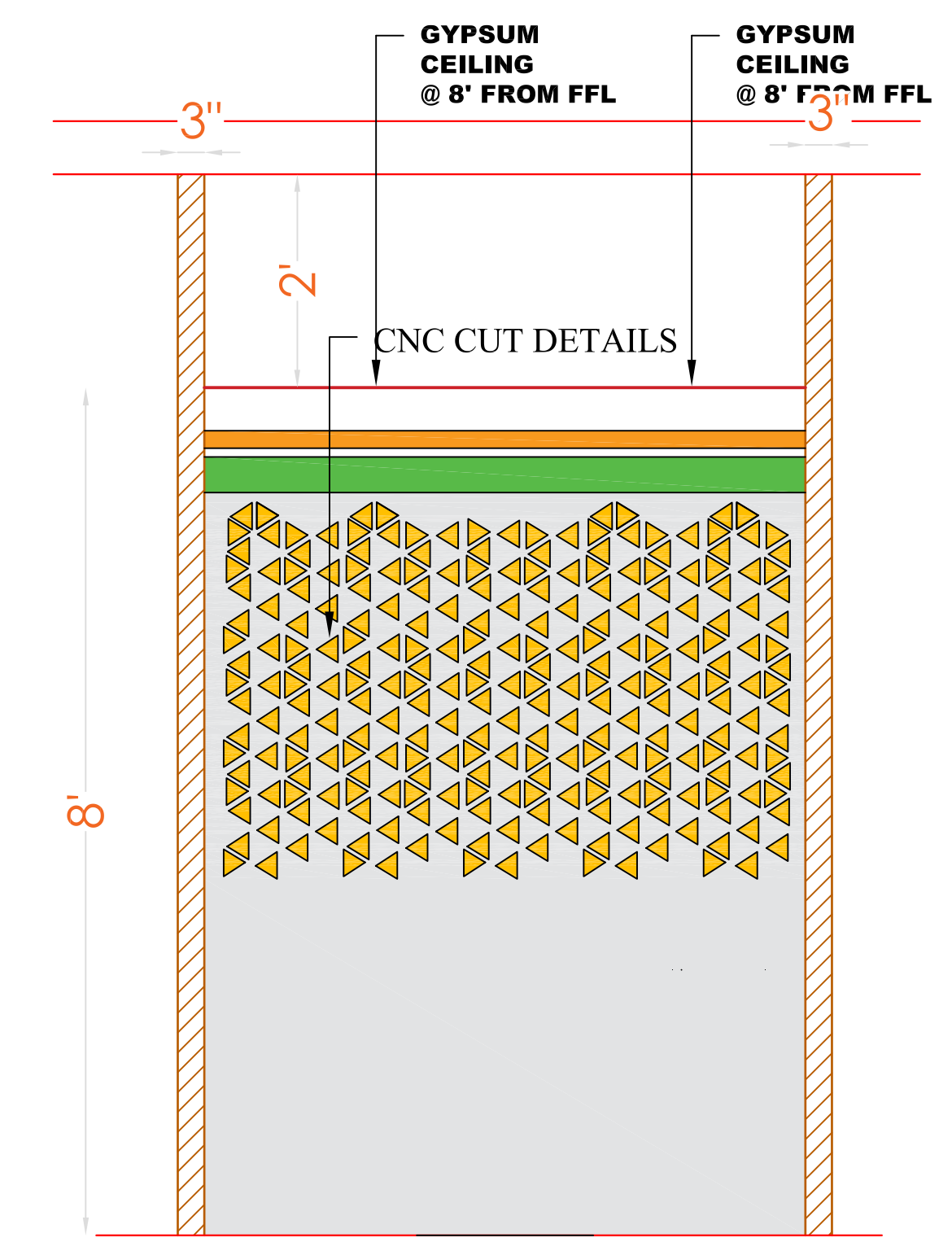
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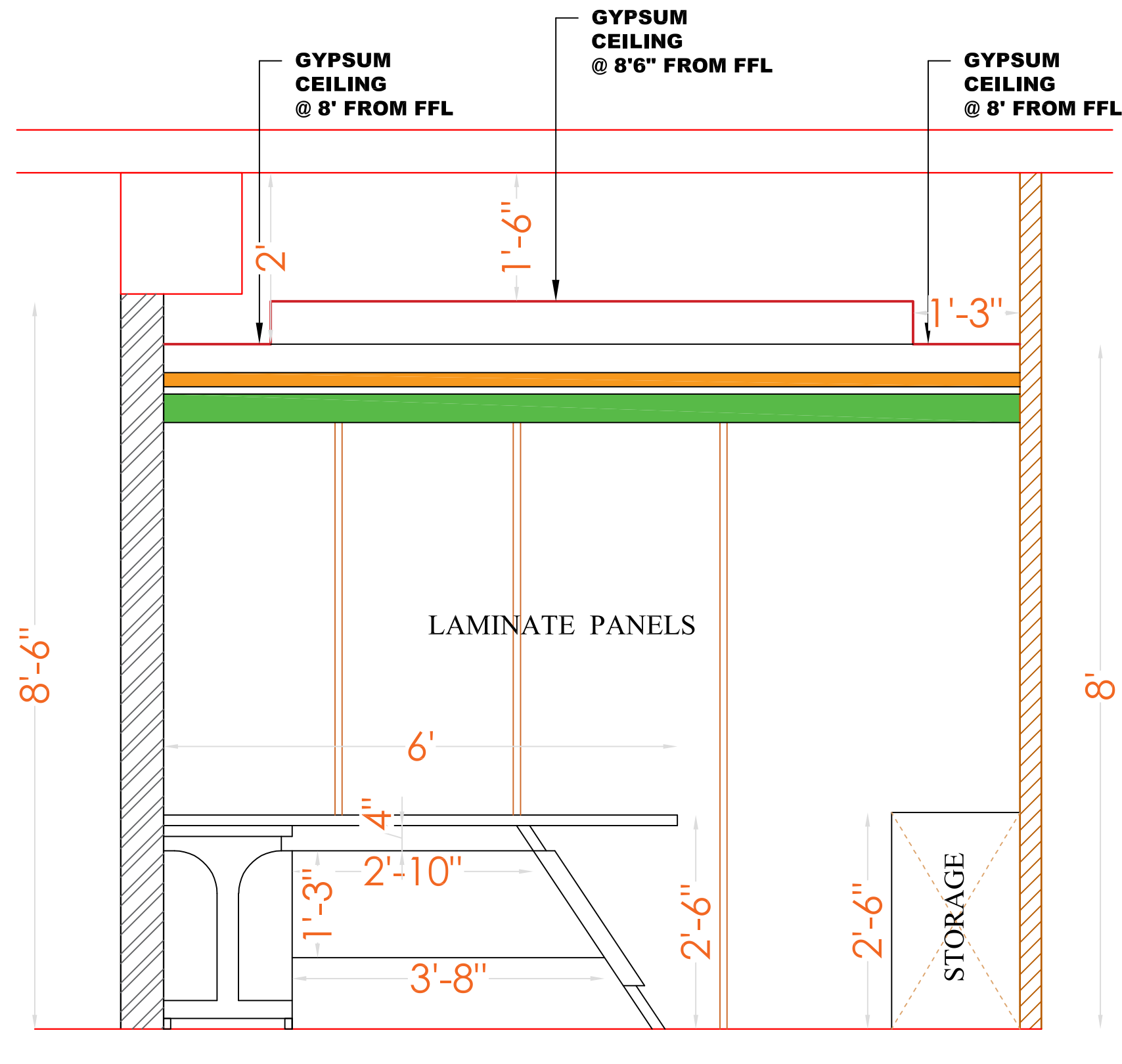
ELEVATION AT VIEW  F
CASH COUNTER



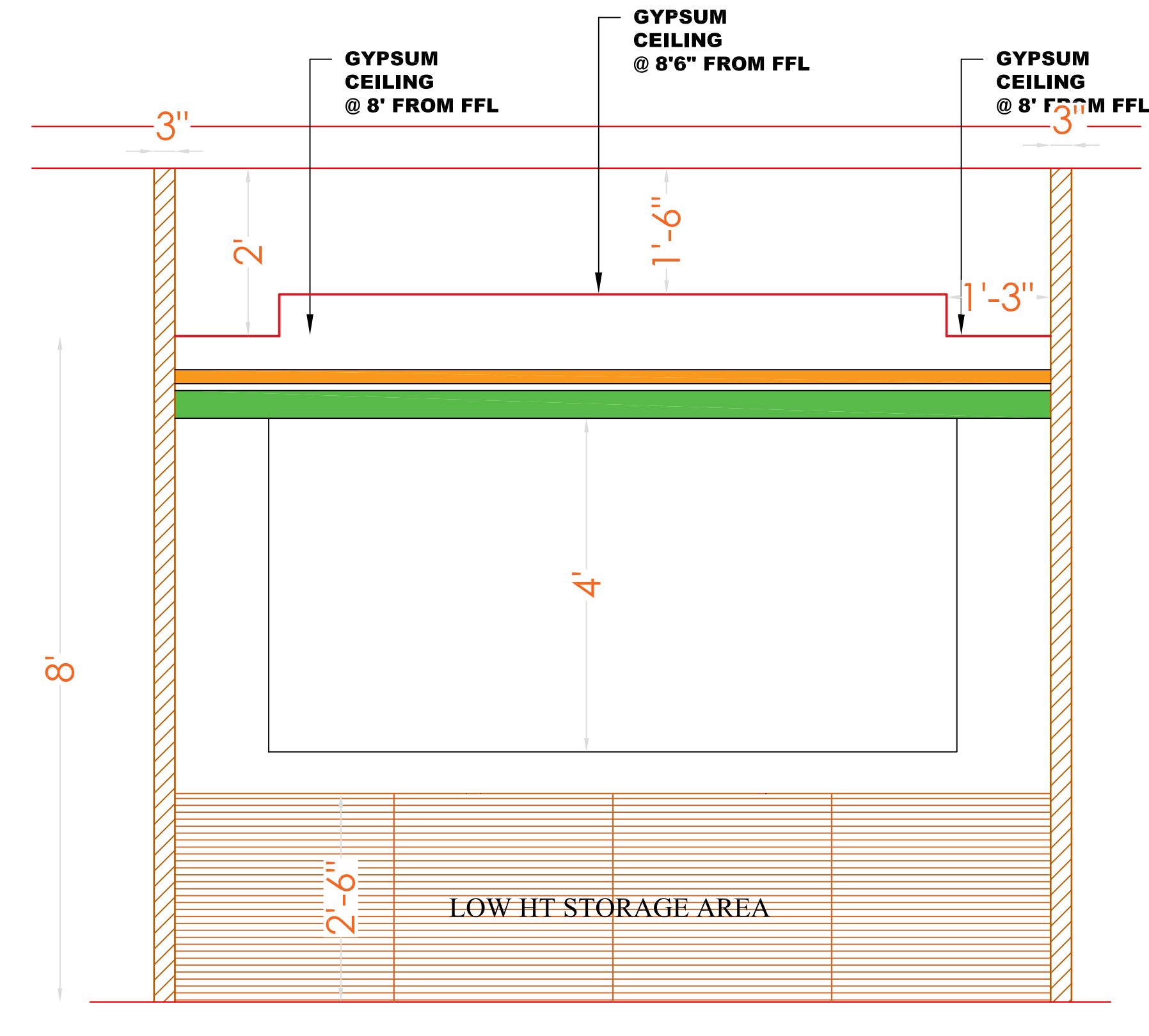
ELEVATION AT VIEW  G
CASH COUNTER SIDE WALL



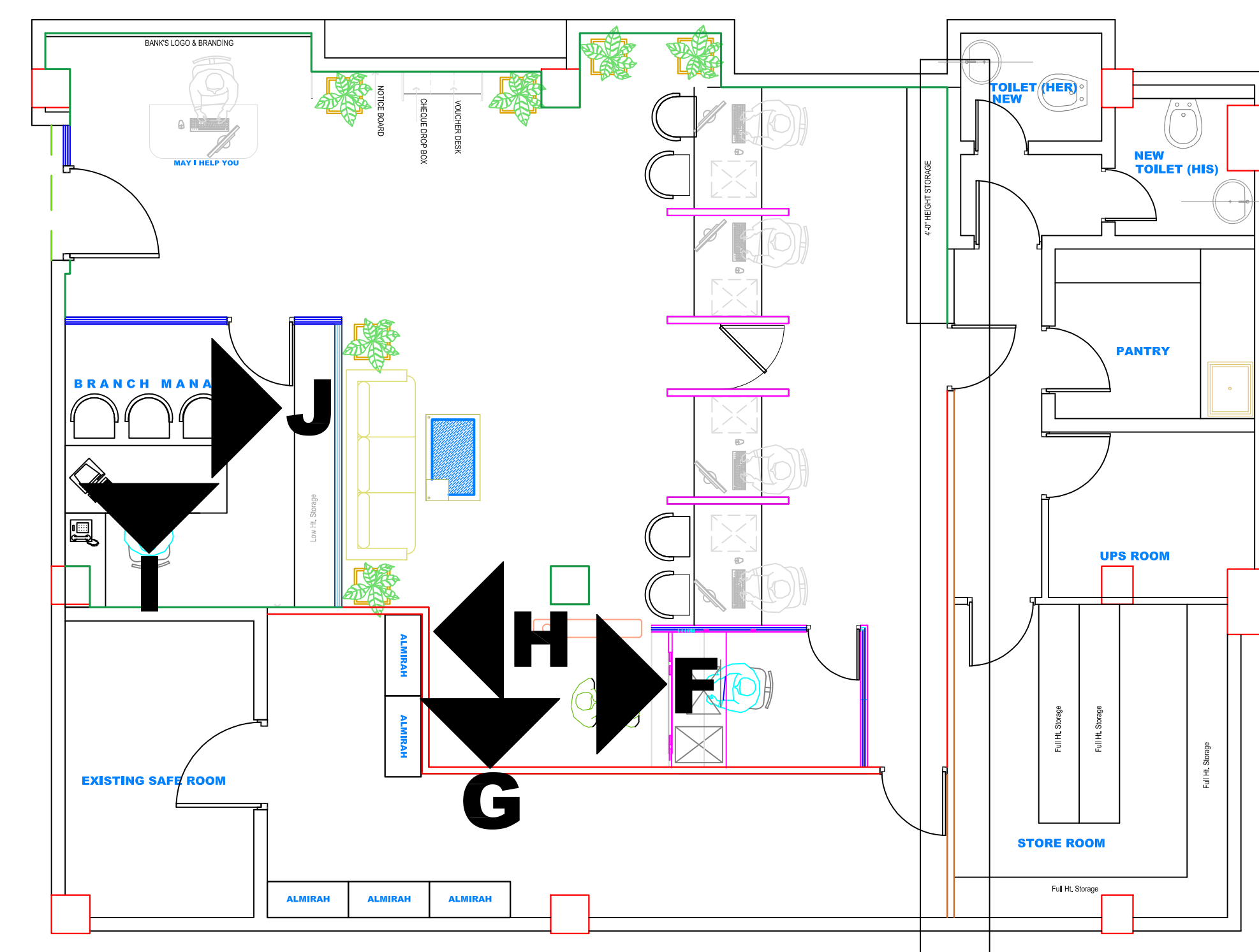
ELEVATION AT VIEW  H
CASH COUNTER FRONT SIDE WALL



ELEVATION AT VIEW  I
BM CABIN BACK WALL

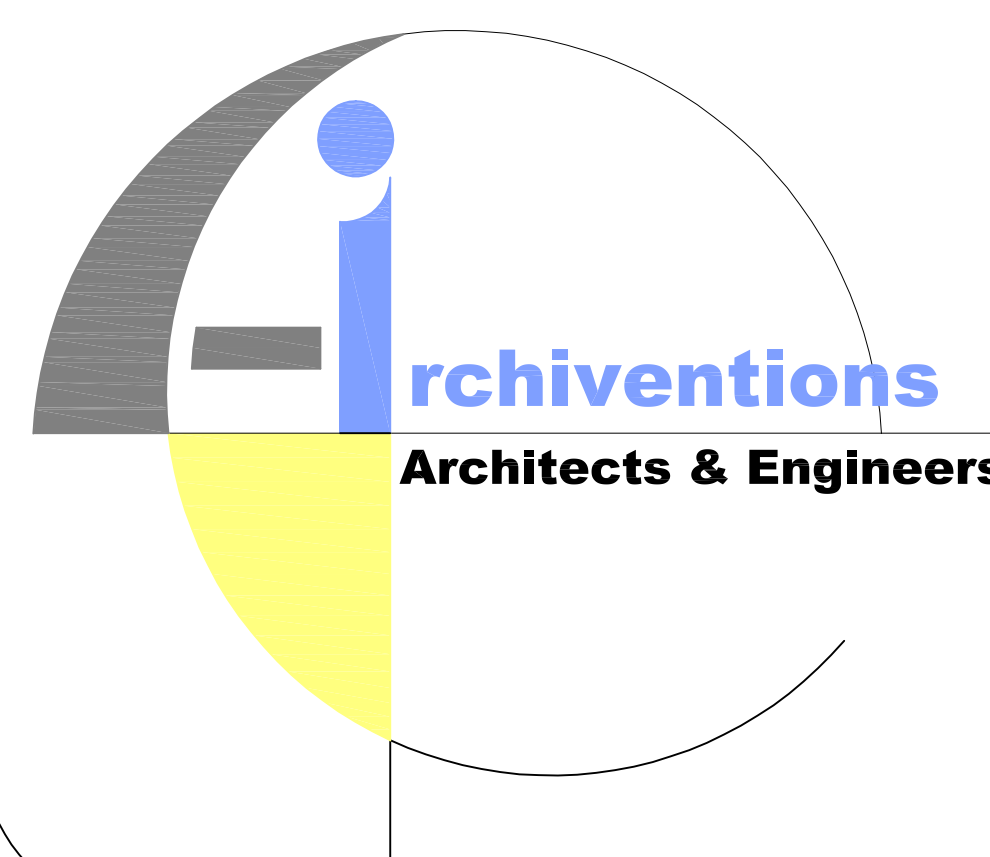


ELEVATION AT VIEW  J
BM CABIN LOW HT STORAGE SIDE PARTITION



KEY PLAN

DETAILS DRAWING FOR R. G. BARUAH RD. MODEL BRANCH

CLIENT PUNJAB & SIND BANK GUWAHATI ZONAL OFFICE UZAN BAZAR, RIVER SIDE GUWAHATI - 01, ASSAM FLOOR PLANS	Description of Proposal. DETAILS DRAWING FOR R. G BARUAH RD MODEL BRANCH AT CHANDMARI, GUWAHATI, ASSAM						SIGN & STAMP		FIRM NAME & ADDRESS ARCHIVENTIONS Architects , Planners & Interior Designers C.O.A. Regd. No.- CA / 2004 / 32922 ADDRESS HOUSE NO-95, GROUND FLOOR LACHITNAGAR MAIN ROAD,OPPMHARI NAAMGHAR LACHITNAGAR, GUWAHATI-781007, ASSAM PH- 9854062928/9436017122
	(FIRST FLOOR PLAN)								
	JOB NO.	DATE	SCALE	DEALT BY		DRG NO.			
				AR. DEBOJYOTI DEBROY	CHKD BY				