

Amendment No. 1

Tender No. HSCC/KCGMC/PACKAGE-II/2013

Package – II, KCGMC - Tender Pre-bid Meeting held on 19.06.2013

Project Name - Construction of Hospital, OPD & other Associates Works including dismantling of existing buildings & their foundation for Kalpana Chawla Govt. Medical College (KCGMC), Karnal, Haryana.

Reply of Bidder's queries raised during Pre-bid meeting held on 19.06.2013 at HSCC, Head Office, Noida.

Sl.No.	Queries	Reply
1.	Bidders requested for extension of submission of bid date.	The Last date to fill/upload the tender through e-tendering shall be 12.07.2013 upto 14:30 hrs opening at 15.00 hrs in place of 02.07.2013 upto 14:30 hrs opening at 15.00 hrs..
2.	We request you to pay us interest free mobilization advance in single installment @ 10% of contract value against bank guarantee of equivalent amount.	Shall be as per Tender Condition.
3.	We request you to pay interest free advance towards plant & machineries @ 90% of cost of plant & machinery (new purchase cost or residual value, as the case may be) subject to a maximum of 5% of contract value as per GCC clause no. 10B(iii) against Bank Guarantee of equivalent amount.	Shall be as per Tender Condition.
4.	We request you to accept retention money in the form of Bank Guarantee @ 5% of Contract Price within 15 days of award of work and there shall not be any cash deduction from our RA bills. Kindly confirm.	Shall be as per Tender Condition.
5.	Escalation on Labour component is payable or not? Please confirm.	Shall be as per Tender Condition.
6.	We request you to provide details drawings for utility present at site. Also please confirm that overhead/ underground utilities shall be shifted by client/ owner without any extra cost to us.	The utilities found and required to be shifted, if any will be done by the contractor to whom this construction work is awarded.
7.	We request you to kindly provide the	Has been uploaded with this reply to

	Master Plan mentioning the existing infrastructure proposed construction structures.	bidder.
8.	The project duration is 20 months. Whereas the milestone mentioned in the table are not in consonance with the project duration of 20 months. Kindly look into the same and provide us the revised Milestones commensurating with the project duration of 20 months.	Shall be as per Tender Condition.
9.	We request you to provide Basic Rates of other Major Materials like Cement, Steel Reinforcement, Structural Steel, Bricks, Tiles, Stones etc.	For steel and cement please refer Schedule - 'F' of Vol-II (GCC) as per tender conditions. For other material shall be as per tender condition.
10.	Request you to provide Water and Electricity at one point within the project boundary without any extra cost to us. Further Distribution shall be done by us. You are also requested to give us permission to use the Bore-wells existing in the site.	Contractor has to make their own arrangement for water and power for construction.
11.	We request to provide suitable land for setting up labour colony in the vicinity of site at free of cost to us.	Shall be as per Tender Condition.
12.	Huge no. of Trees (more than 250 nos.) are in the proposed sites and the duration of work is only 20 months. Hence, for tree cutting, you are requested to get the permission/ approval from concern authority. We presume that all the scheme approvals related to Fire, Lift, Electrical and Master Plan shall be taken by the owner and scope of our approvals shall be based on these approved schemes. Also all necessary assistance shall be provided by the owner/client in obtaining the approval. Kindly confirm.	Shall be as per Tender Condition.
13.	Please provide the Soil investigation report.	Please refer tender clause no. 1.17, Vol. I
14.	We request you to consider the value of executed works of similar projects in Govt. sector, even if the work is not fully completed.	Shall be as per Tender Condition.
15.	Kindly provide us the BOQ in Excel Format for our working only.	BOQ in PDF format is available on tender web site.

16.	Do we need to submit Tender documents (Volume-I to IV) online? Please clarify.	All tender documents to be submitted through e-tender as per tender condition.
17.	Please provide us general layout plan of housing package showing all buildings/ structures in package-1. This is essential for logistic planning of work.	Site layout plan is uploaded on web site along with this reply.
18.	Please provide us floor wise built-up area of all buildings.	Please refer tender drawings.
19.	This being high valued work having construction period of 20 months. We requested you to make escalation clause 10CC applicable. This will help all bidders to provide you most competitive offer & avoiding unnecessary loading for escalation provision. (Sch F clause 10CC)	Shall be as per Tender Condition.
20.	Labour component is specified 25% of value of work but clause 10C (which takes care of change in wages of labour) is specified as not applicable. We understand it is typographical error. Please review & rectify. (Sch F clause 10C)	Shall be as per Tender Condition.
21.	Please clarify whether Service tax is applicable or not if applicable it is reimbursed or not.	PL. refer tender clause 2.3.7 a. i of Vol. I
22.	Please specify area of site office to be provided to the Client/ his consultants.(SCC- 42.2.5)	Shall be as per Tender Condition.
23.	We request you to consider release Performance Guarantee after completion of work instead of Defect Liability Period. As Security Deposit of 5% of the CP will be there during DLP period. (GCC-Cl. I)	Shall be as per Tender Condition.
24.	We understand land for establishment of site office, store, fabrication yard, concrete batching plant etc. will be given free of cost at project site. Please confirm.	Shall be as per Tender Condition.
25.	Please clarify whether bore well for construction water will be permitted at site or not.	Prior permission required to be taken by contractor from concerned authority as applicable.
26.	Please specify whether labour cess shall be deducted by the client.	Labour cess will be directly deposited by contractor to the concerned authority as per prevailing norms.
27.	We understand that list of subcontractors & their credentials to be submitted by successful bidder after award of work. Please confirm.	Shall be as per Tender Condition.
28.	Please confirm whether hardcopy of	Please refer to Note at Annexure-1

	<p>Envelop No.1, 2 & 3 are to be submitted only by online or physically also.</p> <p>In case we need to submit Envelope No. 1, 2, & 3 Physically, we request you to give 3 days time from the date of online submission.</p>	Checklist, Vol. I of tender document.
29.	<p>We will be able to get only labour licence.</p> <p>As a normal practice all other approvals shall be obtained by the owner. Please confirm.</p>	Shall be as per Tender Condition.
30.	<p>We request you to exclude 3 months period from this condition i.e. Vol. III (SCC)- Clause 31 C (ii), Page 42 -75% of the value of the material expected to be consumed within 3 months of its delivery at site for permanent works on the site----- ---- requirement of works</p>	Shall be as per Tender Condition.
31.	<p>(i) We request you to allow us to submit BG for the second half of the Retention money also (i.e. 2.5%) so that there will not be any cash retention from RA Bills.</p> <p>Also request you to exclude the Alternative clause for the Retention Money.</p> <p>(ii) Further we request you to release this Retention after completion of the work since Performance Guarantee of 5% of the contract amount submitted at the time of acceptance of the contract shall be valid upto the end of Defects Liability Period.</p>	Shall be as per Tender Condition.
32.	<p>We request you to consider the payment for such item as follows.</p> <p>As per the actual rates prevailing in the market for L+M+P+20% towards Contractor's Over Heads & Profits + Taxes + Labour Cess.</p>	Shall be as per Tender Condition.
33..	<p>We request you to relax minimum bill value as stipulated in schedule F eligible for payment under clause 7, Vol II of GCC for initial and last 2 RA Bills.</p>	Shall be as per Tender Condition.
34.	<p>Request to provide Elevation & Cross</p>	Has been uploaded on web site along with

	sectional drawings for hospital & OPD Block.	this reply.
35.	Request to provide soft copy of tender drawings to enable us to study it and submit our most competitive & comprehensive bid.	Tender drawings already available at tender web site.
36.	Please clarify that the bidder can offer a common discount considering both the packages are awarded to the same bidder. For this discount separate letter shall be submitted along with the Package II. Please confirm.	Shall be as per Tender Condition. Both are separate tender shall be dealt independently.
37.	Request to modify this clause as given below. The amount which is due in respect of each statement other than the final statement shall be paid as i) 75% of monthly invoice shall be paid within 7 days of from the date of submission of monthly invoice. ii) Balance 25% shall be paid within 30 days of from the date of submission of Monthly invoice including certification.	Shall be as per Tender Condition.
38.	We request you to allow us to submit the hard copy of our bid within 3 days from the last date of submission of bids in online. Kindly confirm.	Shall be as per Tender Condition. Please refer to note at Annexure-I checklist, Vol-I of tender document.
39.	We shall not consider any insurance for the adjacent property around your property. Kindly confirm.	Shall be as per Tender Condition.
40.	We request that we shall be permitted to work on Holidays/ Sundays and during evenings/ nights in order to keep up with the schedule and the supervision shall be extended to us free of cost.	Shall be as per Tender Condition.
41.	Maintenance for 5 Years - We request you to kindly provide us the detailed scope of work and detailed specification for this item of work.	Shall be as per Tender Condition.
42.	Retention money may be deducted from our running bills @ 5% subject to a maximum of 2.5% of the contract value including earnest money which may be encashable against Bank Guarantee(s) as	Shall be as per Tender Condition.

	and when required by us.	
43.	75% of the payment may be released within 5 days of the submission of the bill on ad-hoc basis and balance after 10 days subject to the verification.	Shall be as per Tender Condition.
44.	We request that the time taken for dismantling work may be considered separately.	Shall be as per Tender Condition.
45.	The place of Arbitration is not mentioned here.	Place of arbitration shall be at Chandigarh only.
46.	Bidders request to issue structural and architectural drawings for the tender.	Already made available at tender web site.
47.	Amount withheld according to the Mile stone - Bidder request to confirm whether these amounts will be released on achievements of the cumulative Milestones.	Shall be as per Tender Condition.
48.	We visited the site and the surroundings, but we couldn't locate any FALG Bricks manufacturers. So you are requested to change the items or provide us the parties who are manufacturing the FALG Bricks in the vicinity of the project.	As per tender condition. Bidders to make their own survey.
49.	We understand that lead above 0.5 Km will be paid separately. Please confirm. (Item no. 1.06)	Shall be as per tender condition only.
50.	We understand item no. 3.01 is for concrete produced with batching plant erected at site & item no. 3.02 for concrete procured from RMC vendors. Please confirm. (Item no. 3.01)	Shall be as per tender condition only.
51.	Please provide us approved make for expansion joint system. (Item no. 3.09 to 3.11)	Work shall be carried out as per BOQ item & CPWD Specification.
52.	Approved fabricators (i.e. M/s. Ajit (India) Pvt. Ltd./ CALCO/ Alkarma) given for work are reluctant to quote as scope of façade work is very less.	The approved makes given at Sr no. 60 at page-93 of Technical Specification stands deleted.
	Please provide us approved make for this item. (Item no. 5.18)	Shall be as per tender condition only.
53.	Please provide drawings for this item. Even though unit of SS railing item is in Kg. Approved agencies demanding drawings before giving their offer. Please not that Approved agencies (i.e. Ozone, D-Line, Jindal) given are modular railing agencies & doent do customized	Work shall be carried out as per BOQ item & CPWD Specification.

	railing. (Item no. 6.04 & list of approved make 52 no.)	
54.	As per approved make 6 mm Dia. is not available. Please allow us to use secondary steel for this item. (Item no. 4.06)	Work shall be carried out as per BOQ item & CPWD Specification.
55.	Please provide us drawings & approved agency for wall guard. (Item no. 6.05)	Work shall be carried out as per BOQ item.
56.	Please provide basic rate of stone flooring items as there are large variation in rates of these items at the time of selection depending on shade, colour, source, size, etc. (Item no. 7.04 to 7.08,7.15)	Work shall be carried out as per BOQ item & CPWD Specification.
57.	Please provide size of ceramic glazed wall tile. Please note that rate of tile varies considerably as size changes. (Item no. 7.11)	Work shall be carried out as per BOQ item & CPWD Specification.
58.	Please provide basic rate of ceramic & vitrified tile flooring. Please note that there are large variation in different series & rate will depend on selection of series at the time of execution. (Item no. 7.11 to 7.14,7.23)	Work shall be carried out as per BOQ item & CPWD Specification.
59.	Please provide basic rate of PVC flooring & laminated flooring. (Item no. 7.19 & 7.22)	Basic rate for PVC Flooring is Rs 100. 00 per sft & Laminated flooring is Rs 175.00 per sft.
60.	Please provide basic rate of glass mosaic flooring. Please note that there is large variation in rates of glass mosaic tiles starting from 800/sqft to 4000/sqft. (Item no. 7.25)	Work shall be carried out as per BOQ item & CPWD Specification.
61.	Please provide us drawing of dry cladding item. (Item no. 10.01)	Work shall be carried out as per BOQ item & CPWD Specification.
62.	We understand that aluminium framing of all structural glazing & ACP cladding items will be paid under item 10.03. Please confirm. (Item no. 10.04 to 10.07)	Shall be as per tender condition only.
63.	Please provide approved agency of signage's work. (Item no. 10.13 to 10.21,10.25)	Shall be as per tender condition only.

64.	Please review rate of this item given in BOQ (9.45/sqft). It please review unit of this item. (Item no. 10.19)	<p>The following amendments are made in BOQ for Civil Work:</p> <table border="1" data-bbox="901 220 1458 606"> <thead> <tr> <th data-bbox="901 220 1008 331">S.No.</th> <th data-bbox="1008 220 1198 331">Description</th> <th data-bbox="1198 220 1300 331">As per BOQ</th> <th data-bbox="1300 220 1458 331">As amended</th> </tr> </thead> <tbody> <tr> <td data-bbox="901 331 1008 495">1</td> <td data-bbox="1008 331 1198 495">Qty of Item No. 10.19 (BOQ Civil)</td> <td data-bbox="1198 331 1300 495">400</td> <td data-bbox="1300 331 1458 495">40</td> </tr> <tr> <td data-bbox="901 495 1008 606">2</td> <td data-bbox="1008 495 1198 606">Rate of Item No. 10.19 (BOQ Civil)</td> <td data-bbox="1198 495 1300 606">81/-</td> <td data-bbox="1300 495 1458 606">810/-</td> </tr> </tbody> </table>	S.No.	Description	As per BOQ	As amended	1	Qty of Item No. 10.19 (BOQ Civil)	400	40	2	Rate of Item No. 10.19 (BOQ Civil)	81/-	810/-
S.No.	Description	As per BOQ	As amended											
1	Qty of Item No. 10.19 (BOQ Civil)	400	40											
2	Rate of Item No. 10.19 (BOQ Civil)	81/-	810/-											
65.	Please review unit of this item. (Item no. 11.07)	Unit for item no. 11.07 is “Per centimeter depth per centimeter width per meter length”.												
66.	<p>Unit of this item is sqm. We understand area 11431.23 sqm given is of building work only & doesn't consist of roads & footpath.</p> <p>Please provide us area of road 7 footpath separately. It will enable us estimating possible salvage value of serviceable material.</p> <p>Further quantity of this item given in both housing package and hospital package are same. Please review whether these are duplicated. (Item no. 11.22)</p>	Plinth area of buildings proposed for demolition shall be measured for payment of this item. Nothing extra will be paid for all other activities mentioned in the BOQ item.												
67.	Autoclaved Aerated Cement Blocks - We request you to kindly provide us the approved vendors for this item.	Work shall be carried out as per BOQ item & CPWD Specification.												
68.	Aluminium Work - We request you to kindly provide us the detailed drawings of this item.	Work shall be carried out as per BOQ item & CPWD Specification and tender conditions.												
69.	Wooden & Fire rated door- We request you to kindly provide us the detailed drawings of this item.	Work shall be carried out as per BOQ item & Technical Specification.												
70.	Stainless steel wall Guard- We requests you to kindly provide us the detailed drawings and approved vendors for this item.	Work shall be carried out as per BOQ item & Technical Specification.												
71.	We request you to kindly provide the basic price for tiles, marble and kota stone etc. We request you to pay any variation in the basic price during the contract period.	Work Specification, shall be carried out as per BOQ item & CPWD												
72.	Acid / Alkali resistant tile - We request you to kindly provide us the approved vendor list for this item.	Work Specification. shall be carried out as per BOQ item & CPWD												

73.	Polycarbonate Sheet - We request you to kindly provide us the detailed drawings and approved vendors for this item.	Work shall be carried out as per BOQ item & Technical Specification and tender conditions.
74.	Plastering Work - Kindly confirm whether we have to include chicken mesh and proves in our offer? If so kindly provide the details.	Shall be as per Tender Condition Only
75.	Dry cladding Work - We request you to kindly provide us the detailed drawings for this item.	Work Specification. shall be carried out as per BOQ item & CPWD and tender conditions.
76.	Structural Glazing Work - We request you to kindly provide us the detailed drawings for this item.	Work Specification. shall be carried out as per BOQ item & CPWD and tender conditions.
77.	<p>As per our past experience, the approved vendors in the market for the item works mentioned are not providing their rates/quotations.</p> <p>But there are some other reputed agencies also in the market having experience in executing same type of works with adequate quality, who are ready to provide their quotations. Hence, we request you to approve them so that we can quote our rates for the project in appropriate manner and in time.</p> <p>The agencies are :</p> <p>a) For Aluminium works :</p> <p>i) Glaze Techno ii) Green Façade iii) Squire Glaze iv) Marvel Touch v) Hatim Glazing vi) Modi Glazing vii)Shreenathji Aluminium Enterprises.</p> <p>b) SS Railing :</p> <p>i) Sialkot</p> <p>We request that the following makes may also be added in the list of approved makes to enable us to quote our bid more competitive :</p> <p>a) Cement : Japee, Shree Cement b) Reinforcement Steel : JSW, JSPL, Jai Balaji</p>	Shall be as per Tender Condition Only.

	c) Lift Works : Thyssenkrupp, Hyundai	
78.	Please provide module no. of all Sanitary wares, fitting & fixtures.	AS per CPWD Specifications
79.	Sanitary Fitting - As the sanitary Fixtures has been the wide range from low end to high end. Request you to provide us the model No. for each item.	AS per CPWD Specifications
80.	Sanitary Fitting - Please confirm whether it is wall mounted or floor mounted as item no. 1.02 & 1.06 calls for floor mounted closet.	AS per CPWD Specifications- Floor mounted closet.
81.	Water Supply- Kindly provide the pressure class of the pipe i.e. SDR 11 or SDR 13.5 (Water S	CPVC pipe-SDR-11 class
82.	Water Supply - Kindly provide the pressure class of the pipe. i.e. Schedule.	CPVC pipe-SDR-11 class & GI- Class-B
83.	Water Treatment Plant - Kindly provide us the capacity of the plant.	AS per BOQ
84.	Soft Water Treatment Plant - Kindly provide us the capacity of the plant.	AS per BOQ
85.	Item No. 3.1 states the use of CPVC pipe but the grade is not mentioned. Kindly specify among SDR11 or SDR 17.	CPVC pipe-SDR-11 class
86.	What type of pumps (Horizontal or Vertical) can be used for water supply?	AS per BOQ
87.	The companies (Kesoram, KDPL) mentioned in the head of cast iron pipes and fitting IS 3989/1729 do not manufacture the specified item. Kindly suggest some third brand preferably from the northern part of India as transportations become easy and supplies can be prompt.	In list of approved make: plumbing works At Sl.No.7 –Centrifugally/ Sand cast iron pipe & fittings- in Place “Neco, Hepco, Kesoram, KDPL “ Read As “ NECO, HEPCO, SKF”
88.	Sanitary ware - We request you to kindly provide us the model no. for this item.	AS per CPWD Specifications
89.	CP Fitting - Approved make is given as Jaqaur. But specification shows PTMT. Kindly confirm the final one.	AS per BOQ
90.	Water Supply - Kindly confirm whether we have quote for SDR 11 or SDR 13.5	CPVC pipe-SDR-11 class
91.	Water Supply - Kindly confirm whether we have to quote for B class or C class.	GI- Class-B FOR WATER SUPPLY
92.	Kindly refer Electrical BOQ Sr. No. 1.01 : 33 kva substation panel outgoing feeder VCB/SF6 both are mentioned in BOQ. But as per technical specification, only VCB panel has been mentioned. Kindly confirm.	ONLY VCB SHALL BE CONSIDERED
93.	Kindly refer Electrical BOQ Sr. No. 1.04 :	TOTAL 18 WAYS SHALL BE

	In HT panel BOQ, it is mentioned 16 way. Whereas as per details BOQ, total no. of ways are 18 ways. Please clarify your requirement.	CONSIDERED INSTEAD OF 16 WAYS.
94.	Kindly refer Electrical BOQ Sr. No. 1.14 : As per Bus duct BOQ, approved make are ABB/SCHNEIDER/L&T/GE. But as per approved vendor list, C&S manufacturer name missing. Kindly provide the same.	COSIDER APPROVED MAKE LIST ONLY.
95.	Kindly confirm whether we can consider M.V. panels manufacturer name in Main LT/Syn. DG panel/APFC/AC panels.	AS PER APPROVED MAKE LIST
96.	Kindly refer Electrical BOQ Sr. No. 1.15.14 : The unit is mentioned as “each”. We feel that the Unit should be “mtr” and not “each”. Kindly review and confirm.	METER SHALL BE READ INSTEAD OF EACH
97.	Please refer Electrical Approved Make List at Page ‘E-243 R0’ (Sl. No. 8 for DG set) : It is learnt that the approved manufacturers viz. Cumins, FG Wilson (Perkins),. Caterpillar, MTU are only OEM and not Engine manufacturer. Hence, you are requested to look into the list and provide us revised list, if necessary.	ONLY ENGINE MANUFACTURER SHALL BE CONSIDERED.
98.	Kindly refer Electrical BOQ Sr. No. 4.01 : For UPS system, Technical specification and BOQ are not matching neither in terms of rating of UPS. In BOQ, the required is 2x300 KVA UPA. But as per Technical Specification, one no. 550 KVA or 2x257 KVA UPS are to be provided. Kindly clarify.	SPECIFICATION OF ALL RATING SHALL BE SAME AS GIVEN IN BOQ CONSIDERED.
99.	Please provide us the soft copy of drawings with panel SLD (AutoCAD format).	NOT REQUIRED AT THIS STAGE
100.	Please add the name of Dynalite in Approved Make of Lighting control system, as Lutron is single manufacturer name as per specified in BOQ.	Shall be as per tender conditions.
101.	Please refer sub head – 19 lighting fixture Sl. No. 9.02-iv : Cat. No. of light fixture Decon 05CA is not matching as per Decon list. So please change the cat. No. Decon - 55UB instated of Decon 05CA.	AS PER TENDER
102.	Please refer sub head – 12 Conducting for TV outlet Sl. No. 12.06 : Fabricated of	AS PER TENDER

	DLP U – PVC trunking size is not mentioned in BOQ. Only mention 4/3/2/1 way. So kindly requested you that pls. add the size 195x50/ 150x50/ 105x50/ 80x50 mm.	
103.	Kindly provide the BOQ, Details of battery charger incomer and outgoing feeder, current rating with technical specification.	AS PER TENDER
104.	Kindly refer sub head 13 of Fire Alarm System (Sl. No. 13.01 – I & ii) : The Details mentioned including wire with conduit but conduit is already taken in Sl.no. 13 of the BOQ. Kindly look into the same and clarify in which conduit is to be considered.	PLEASE READ EXCLUDING SONDUIT FROM THIS ITEM
105.	Kindly refer sub head 20 (Lightning Protection) i. Sr.n- 20.07 : As per BOQ item description, the item is only fixing. Kindly confirm. Also the Unit of the item should be 'meter' instead of 'each'. Please clarify.	READ METER INSTEAD OF EACH
106.	ii. Sr.n – 20.08 : As per BOQ item description (cooper strip 20x 3mm), the item is only fixing. Kindly confirm.	SAME AS BOQ
107.	iii. Sr.n-20.09 : The unit of test joint should be 'each' instead of 'meter'. Please clarify.	READ EACH INSTEAD OF METER
108.	iv. Sr.n- 20.11/12 : (Items of GI tape 32x6mm) : Both the items are same i.e. laying in ground. Sr.n- 20.11 including providing and laying and Sr.n-20.13 items is again only laying in ground. Please review the items and provide us modified items, if necessary.	AS PER BOQ
109.	Request you to issue the tender drawings including SLDs and floor layouts for our reference.	NOT REQUIRED AT THIS STAGE
110.	Request you to provide approved makes for every items specified for this project.	AS PER APPROVED MAKE LIST
111.	33KV HT Panel - 3 Nos. 33/11 KV transformer specified in BOQ. Kindly confirm whether 33 KV HT Panel shall consist of 3 Nos. outgoing feeders to cater	3 NOS. OUTGOING SHALL BE PROVIDED

	these 3 Nos. transformer without any spare breaker in 33 kV HP Panel.	
112.	Item No.-1.15.22- Cable Tray - Please confirm earthing along cable tray is a prt of this line item or specified elsewhere.	AS PER BOQ
113.	MV Panel GF (Sec-2) AHU Please confirm whether it is Sec 1 or Sec 2	AS PER BOQ
114.	Lifts - Architectural drawing is not available. Request you to furnish the same.	NOT REQUIRED AT THIS STAGE
115.	Lifts - Kindly confirm whether we have to consider 4 stops and 4 openings.	AS PER BOQ
116.	HT Substation - 33 KV HT Panel - Incommer panel is mentioned in VCB but outgoing panel mentioned in VCB/SF6. Please clarify the outgoing panel we have to consider in VCB or SF6.	3 NO. OUTGOING SHALL BE PROVIDED
117.	HT Sub Station - BOQ one line is merged. Please send the BOQ for Excel format.	AS PER TENDER
118.	HT Sub Station - Please clarify, if we have to consider Earthed or unearthed.	EARTHED
119.	Single Line Drawings - Please provide the Electrical Single Line drawing.	NOT REQUIRED AT THIS STAGE
120.	Electrical Transformer - We request you to please clarify whether the voltage ratio of OLTC transformer is 33/11 KV or 11/0.433 KV (BOQ states – 33/11KV and tech. specs. States : 11/0.433 KV)	AS PER BOQ
121.	Electrical Transformer - We request you to please clarify whether the cooling of OLTC transformer is ONAN or ONAF (BOQ states : ONAF and Tech. Spec. States : ONAN)	AS PER BOQ
122.	We request you to accept R123 refrigerant based chiller.	Shall be as per tender documents.
123.	Pressure rating of evaporator/ condenser shall be as per manufacturer standard and pressure code shall be ASME/GB standard. Cooling coil shall be 0.4 mm thick.	Shall be as per tender documents.
124.	Inner outer sheet thickness shall be 0.6mm GSS. Drain shall be 18 G GI	Shall be as per tender documents.
125.	Drain pan shall be 22 G GI.	Shall be as per tender documents.
126.	We request to accept 10% access motor over BHP instead of 25%.	Shall be as per tender documents.

127.	We request to accept factory fabricated duct. Joining arrangement shall be four bolt TDC type	Factory fabricated ducting is acceptable without any extra cost.
128.	All type of civil e.g. foundation work/ MS frame work/ will or RCC opening shall be in client scope.	Shall be as per tender documents.
129.	Power and water for erection, testing and commissioning shall be provide by you free of cost.	Shall be as per tender documents.
130.	We request to accept following additional makes. Centrifugal/ Scroll chiller-Daikin/Trane/ York/ Carrier/ Kirlosker AHU/FCU-Waves/ Edgetech Air washer-Waves/ Edgetech Centrifugal fan-Yalida Grill/ diffuser-Tristar/ Opella Panel-EAP/ KEPL/ SWG	Shall be as per tender documents.
131.	Water Chilling Unit - Please confirm whether the Water cooled chillers shall be provided with VSD or without VSD.	Shall be as per tender documents.
132.	We understand the AHU's with Fine/HEPA filters section with discharge plenum shall be of double their type. Please confirm.	Shall be as per tender documents.
133.	Heat Recovery Unit- Please provide both supply & return CFM along with required Heat Transfer Efficiency.	Shall be as per tender documents.
134.	Heat Reclaim Ventilation Unit - Please provide the Static Pressure of the unit.	20 mm w. g.
135.	PHI- System -Please confirm the capacity of the PHI System for different Blocks. 11.1 for OT's 11.2 for wards 11.3 for wards	Capacities as per OT and wards CFM mentioned in BOQ and Tender Drawings.
136.	Please confirm the static pressure of all AHUs as per the BOQ is External Static Pressure or Total Static Pressure.	Total static pressure.
137.	Split AC- Please confirm the length of Refrigerant piping, power cabling & drain piping per unit.	Shall be as per tender documents.
138.	AHU - Please confirm the polyurethane foam insulation density.	Shall be as per tender documents.
139.	FCU - Please provide the Fan Coil Unit Construction details.	Shall be as per tender documents.

140.	Pan Type Humidifier - Please confirm the Resin bonded fiberglass insulation thickness.	Shall be as per tender documents.
141.	AHU- We propose Edgetch/ETA as an additional make. Please approve.	Shall be as per tender documents.
142.	FCU- We propose Edgetch/ETA as an additional make. Please approve.	Shall be as per tender documents.
143.	Grilles – Diffusers - We propose Airmaster as an additional make. Please approve.	Shall be as per tender documents.
144.	Fire Damper - We propose Airmaster as an additional make. Please approve.	Shall be as per tender documents.
145.	Please provide the Approved Makes list for PHI system.	Same as air ozone.
146.	No rates are mentioned in BOQ HVAC items – Sub head – Air Handling unit Sl. No. 5.1.34.	Included in item no. 5.2.1 as mentioned in BOQ.
147.	IT Works - Please provide the approved agencies contact details of Accenture/Siemens/ TCS/ Infosys/Capgemini.	Bidder has to make their own survey.
148.	Bidders requested for change in payment terms of HVAC works.	Shall be as per tender conditions.
149.	MGMS – Please provide approved list of medical gas system.	Shall be as per tender conditions.
150.	In BOQ diamenssions are not mentioned properly. Please provide diamenssion of Exhaust Hood.	Shall be as per tender conditions.
151.	In BOQ diamenssions are not mentioned properly. Please provide diamenssion of all mentioned item.	Shall be as per tender conditions.
152.	In BOQ diamenssions are not mentioned properly. Please provide diamenssion of Hot Bain Marie on Castros.	Shall be as per tender conditions.
153.	In BOQ diamenssions are not mentioned properly. Please provide diamenssion of Dunnage Rack.	Shall be as per tender conditions.
154.	There is BOQ item for antitermite work we understand antitermite work is not under scope of contract. Please confirm.	Shall be as per tender conditions.

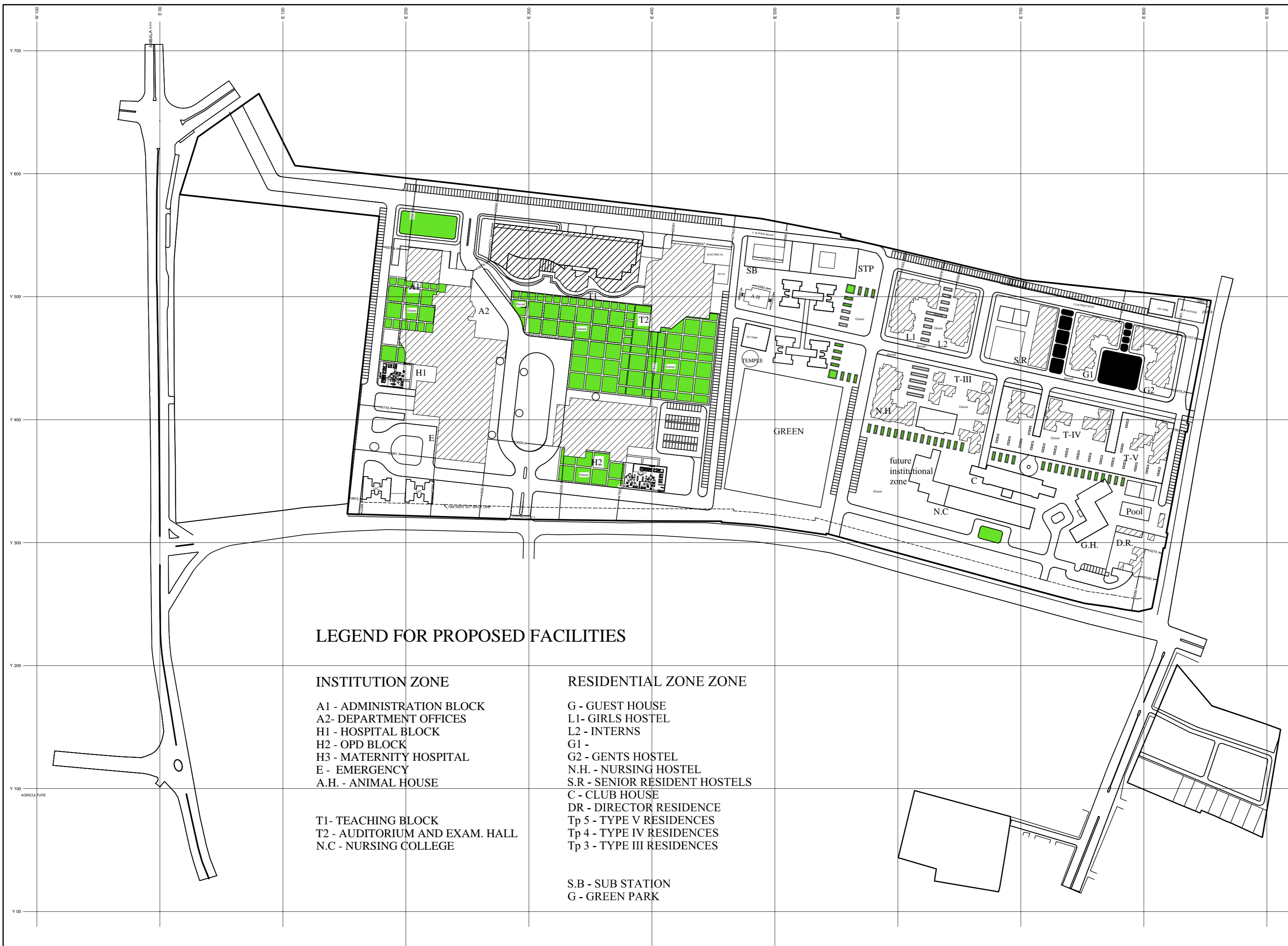
All other terms and conditions of the tender shall remain unchanged.

(- Sd -)
General Manager (Projects)
HSCC (India) Ltd.,
For & on behalf of Director, KCGMC, Karnal (Haryana)

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LEGEND FOR PROPOSED FACILITIES

INSTITUTION ZONE

- A1 - ADMINISTRATION BLOCK
- A2- DEPARTMENT OFFICES
- H1 - HOSPITAL BLOCK
- H2 - OPD BLOCK
- H3 - MATERNITY HOSPITAL
- E - EMERGENCY
- A.H. - ANIMAL HOUSE

- T1- TEACHING BLOCK
- T2 - AUDITORIUM AND EXAM. HALL
- N.C - NURSING COLLEGE

RESIDENTIAL ZONE

- G - GUEST HOUSE
- L1- GIRLS HOSTEL
- L2 - INTERNS
- G1 -
- G2 - GENTS HOSTEL
- N.H. - NURSING HOSTEL
- S.R - SENIOR RESIDENT HOSTELS
- C - CLUB HOUSE
- DR - DIRECTOR RESIDENCE
- TP 5 - TYPE V RESIDENCES
- TP 4 - TYPE IV RESIDENCES
- TP 3 - TYPE III RESIDENCES

- S.B - SUB STATION
- G - GREEN PARK

Key Plan

PROJECT

**PROPOSED HOSPITAL BLOCK
FOR KALPANA CHAWLA
GOVERNMENT
MEDICAL COLLEGE
AT KARNAL, HARYANA**

TITLE

TENDER DRAWING

SITE LAYOUT PLAN

KCGMC-01

Drawing No.	1 : 1500	R-0
Job No.	Scale	Date: 01-04-2013
App. By.	Rev. By	Prep. By

ARCHITECT'S SIGNATURE

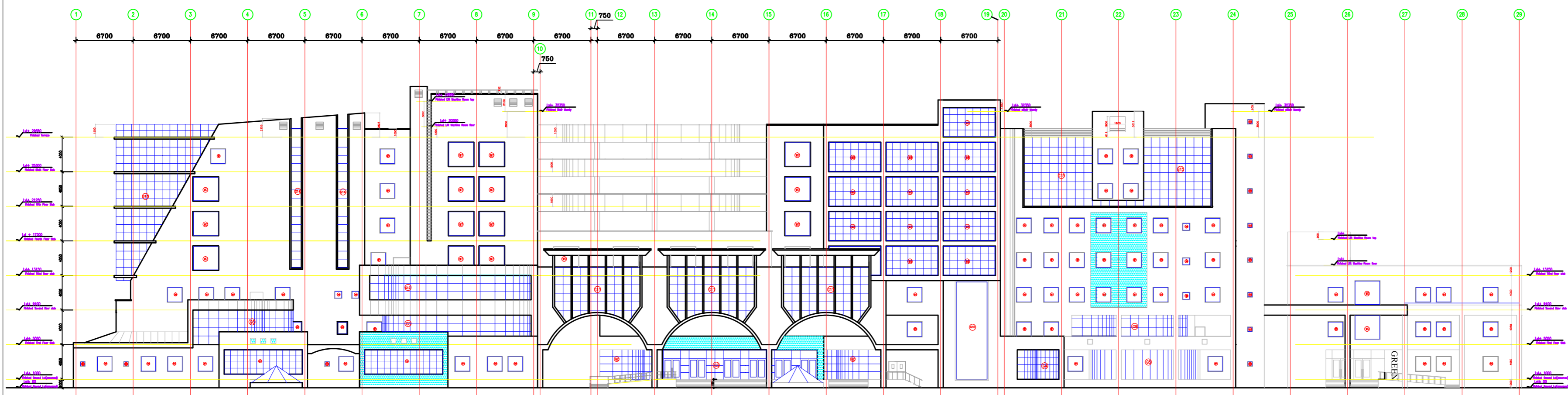
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ELEVATION A

PROJECT

PROPOSED HOSPITAL BLOCK
FOR KALPANA CHAWLA
GOVERNMENT
MEDICAL COLLEGE
AT KARNAL, HARYANA

TITLE

TENDER DRAWING

HOSPITAL BLOCK

ELEVATION A
ELEVATION B

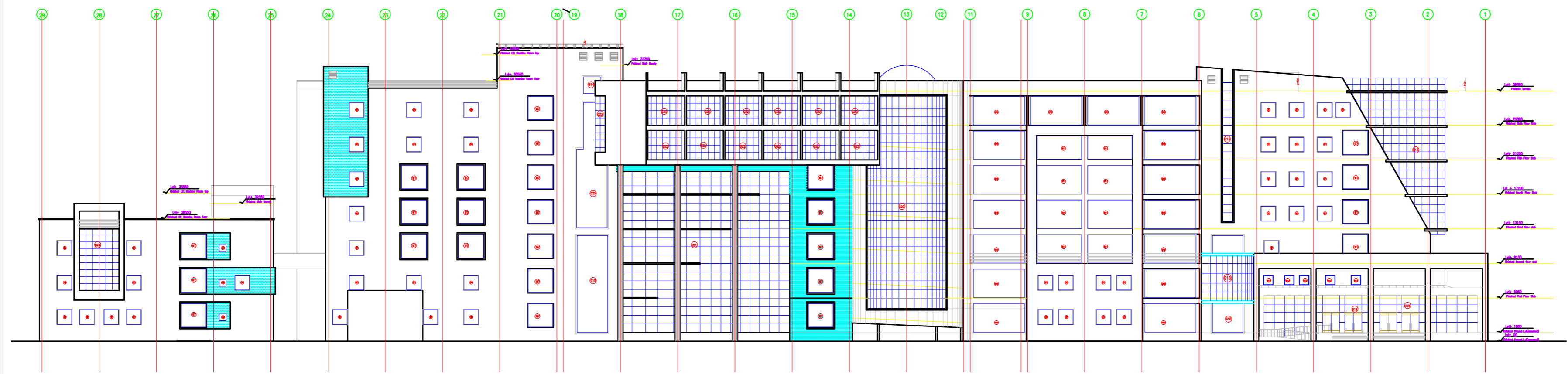
KCGMC-59		R-0
Drawing No.	1 : 250	Revision
Job No.	Scale	Date: 29-12-2012
App. By.	Rev. By.	Prep. By.

ARCHITECT'S SIGNATURE

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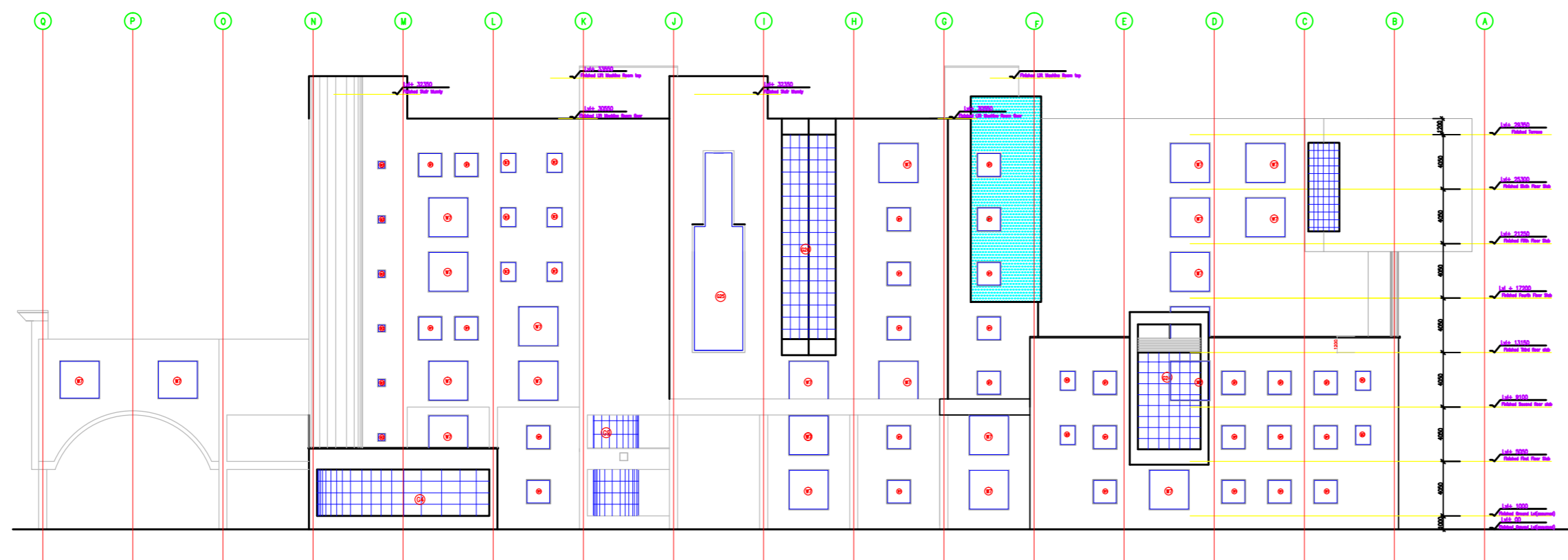


ELEVATION B

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ELEVATION C

PROJECT

**PROPOSED HOSPITAL BLOCK
FOR KALPANA CHAWLA
GOVERNMENT
MEDICAL COLLEGE
AT KARNAL, HARYANA**

TITLE

TENDER DRAWING

HOSPITAL BLOCK

**ELEVATION C
ELEVATION D**

KCGMC-60

Drawing No.

R-0
Revision

Job No.

1 : 250
Scale

Date: 29-12-2012

App. By.

Rev. By

Prep. By

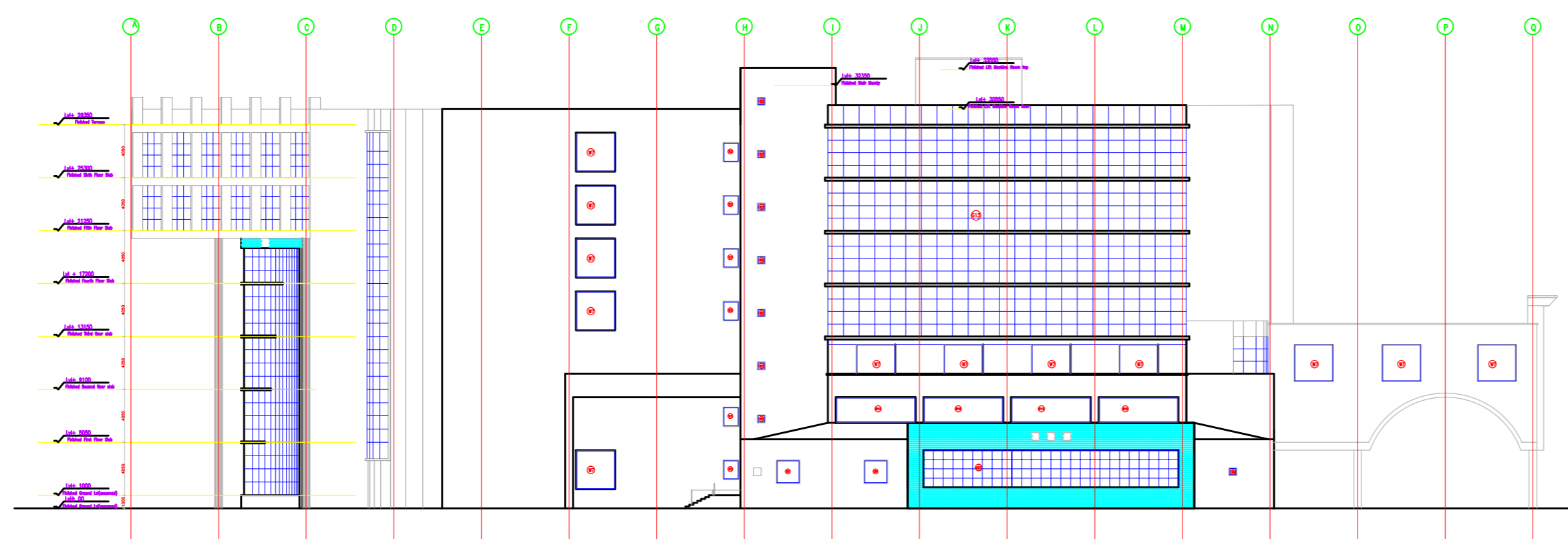
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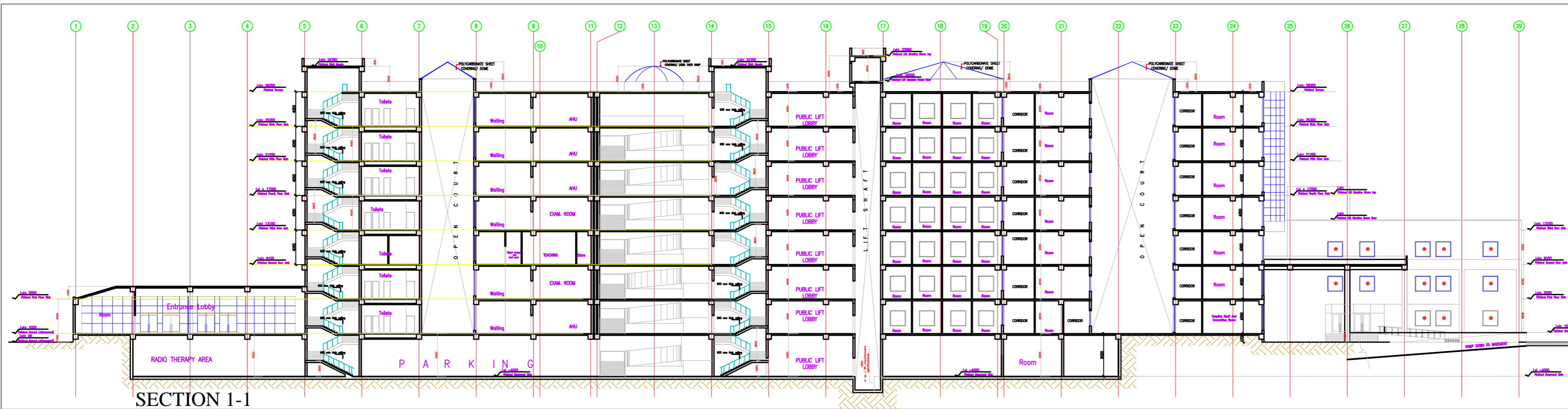
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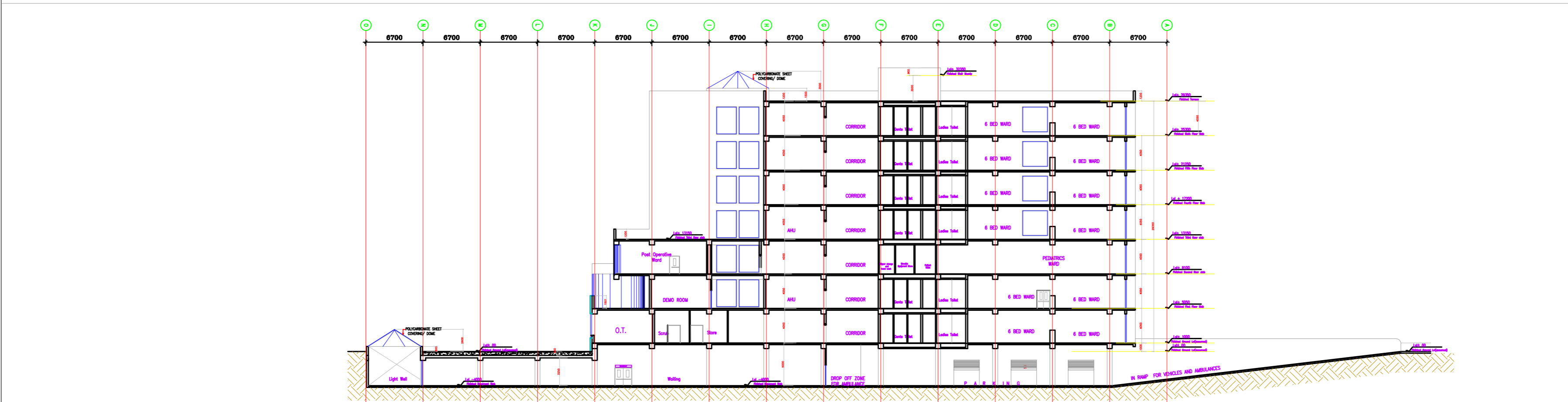




SECTION 1-1



SECTION 2-2



SECTION 3-3

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PROJECT

PROPOSED HOSPITAL BLOCK
FOR KALPANA CHAWLA
GOVERNMENT
MEDICAL COLLEGE
AT KARNAL, HARYANA

TITLE

TENDER DRAWING

HOSPITAL BLOCK

SECTION 1-1
SECTION 2-2
SECTION 3-3

KCGMC-61		R-0
Drawing No.	1 : 250	Revision
Job No.	Scale	Date: 29-12-2012
App. By.	Rev. By	Prep. By

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NOTES

DOOR / WINDOW SCHEDULE

S.NO.	TYPE	WIDTH	CILL	LINTEL	REMARKS
1	D1	800	-----	2200	
2	D2	900	-----	2200	
3	D3	1000	-----	2200	
4	D4	1200	-----	2200	
5	D5	1500	-----	2200	
6	D7	2000	-----	2200	
7	D8	3000	-----	3000	Rolling Shutter
8	D8	1050	-----	2200	12mm tempered glass door panel a.s. patch fitting
9	W1	1200	1000	2200	
10	W2	2720	100	3450	
11	W3	1800	100	3450	
12	W4	900	1575	2475	
13	W5	2490	100	3450	
14	W6	6100	150	3450	
15	W7	2250	1200	3450	
16	W8	3150	300	3450	
17	W9	875	300	3450	
18	W10	1200	1200	3450	
19	DW1	6100	150	3450	
20	G1	3150	100	3450/3500	external glazing
21	G2	294+1100	2100	4150/12150	external glazing
22	G3	2924+2924	400	8100	external glazing
23	G4	2000/4000	100	12150	external glazing
24	G5	3000	00	12150	external glazing
25	G6	18000	00	6525	external glazing
26	G7	2000/4400	100	4180/12150	external glazing
27	G8	5162+5162	2100	8100	external glazing
28	G9	2000/3700	100	20250	external glazing

PROJECT

PROPOSED HOSPITAL BLOCK FOR KALPANA CHAWLA GOVERNMENT MEDICAL COLLEGE AT KARNAL, HARYANA

TITLE

TENDER DRAWING

OPD BLOCK

ELEVATION B
ELEVATION D

KCGMC/OPD -09

Drawing No. R-2

Revision

Job No. 1 : 150

Scale

Date: 18-03-2013

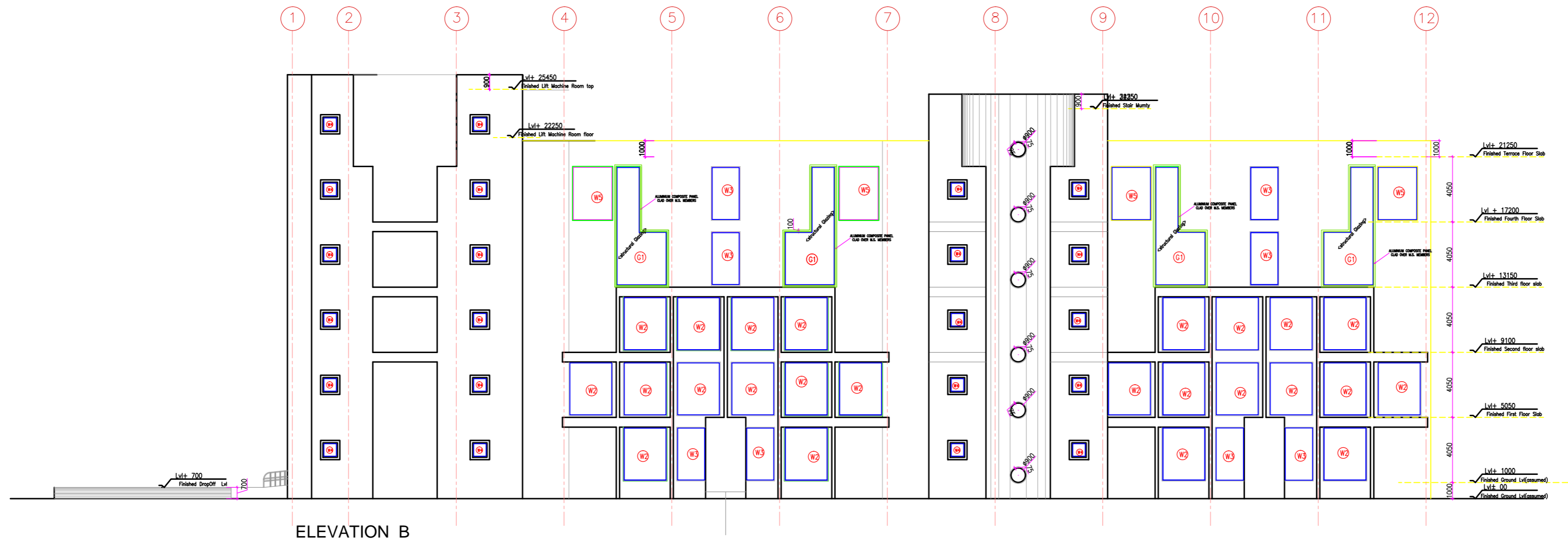
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ARCHITECT'S SIGNATURE

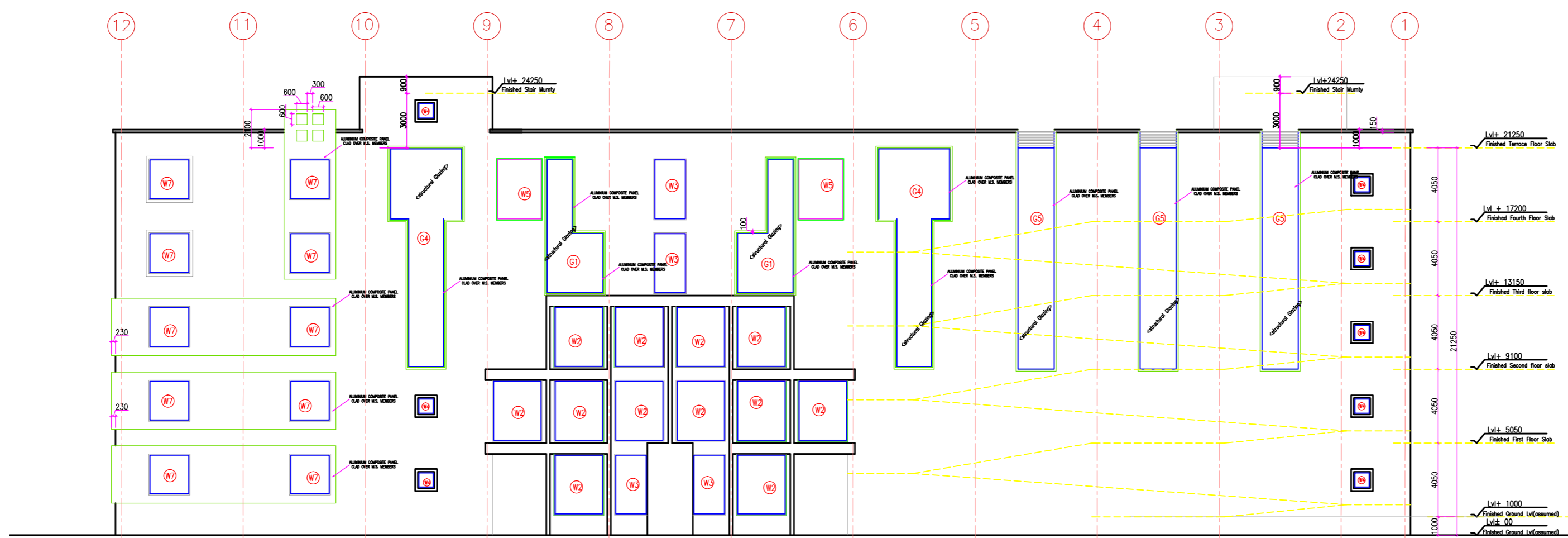
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ELEVATION B



ELEVATION D

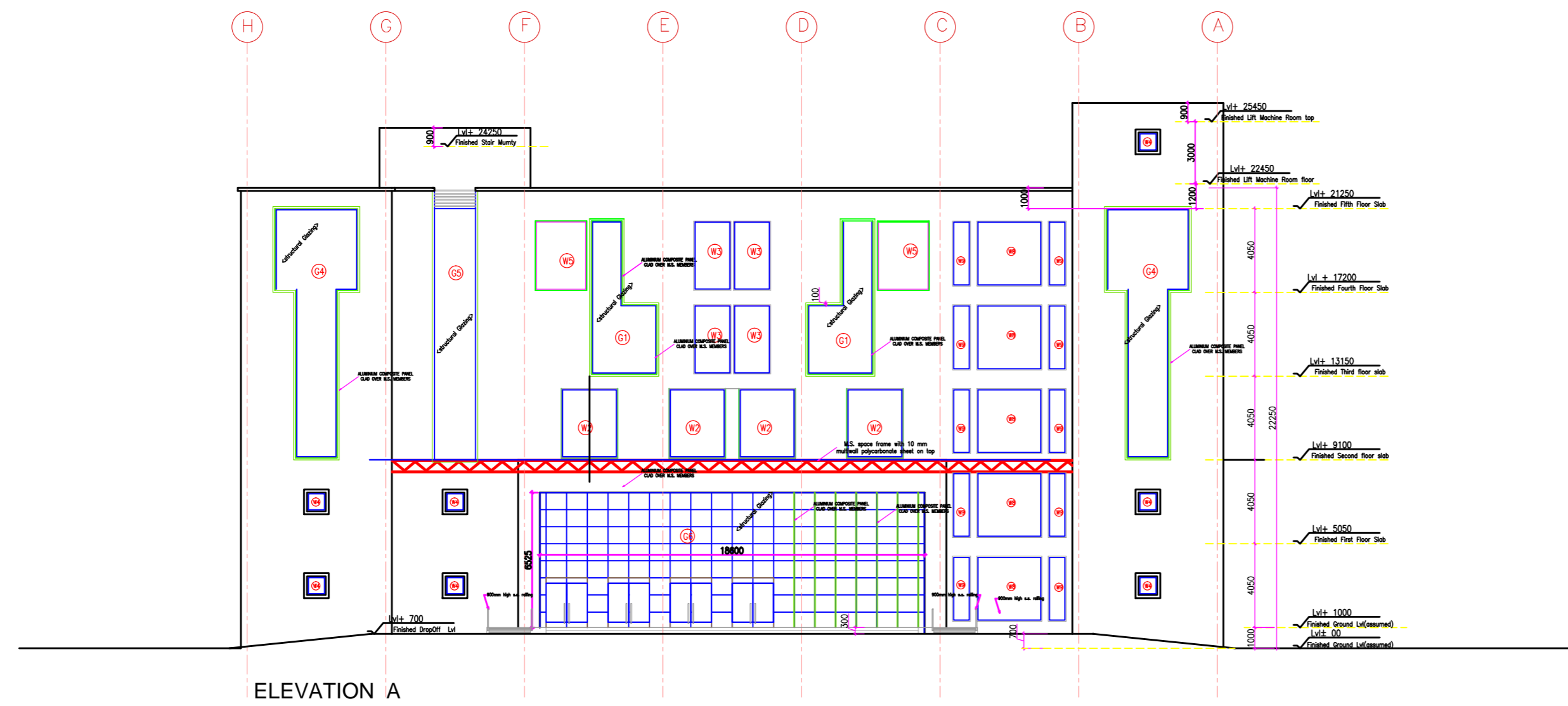
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NOTES

DOOR / WINDOW SCHEDULE

S.NO.	TYPE	WIDTH	CILL	LINTEL	REMARKS
1	D1	900	-----	2200	
2	D2	900	-----	2200	
3	D3	1000	-----	2200	
4	D4	1200	-----	2200	
5	D5	1500	-----	2200	
6	D7	2000	-----	2200	
7	RS	3000	-----	3000	Rolling Shutter
8	D8	1050	-----	2200	12 mm tempered glass door fixed in a.s. patch fitting
9	W1	1200	1000	2200	
10	W2	2720	100	3450	
11	W3	1800	100	3450	
12	W4	900	1575	2475	
13	W5	2490	100	3450	
14	W6	6100	150	3450	
15	W7	2250	1200	3450	
16	W8	3150	300	3450	
17	W9	875	300	3450	
18	W10	1200	1200	3450	
19	DW1	6100	150	3450	
20	G1	3150	100	3450/3500	external glazing
21	G2	2940-4100	2100	4150/42150	external glazing
22	G3	2924-2924	400	8100	external glazing
23	G4	2000/4000	100	12110	external glazing
24	G5	3000	00	12110	external glazing
25	G6	18000	00	6525	external glazing
26	G7	2000/4400	100	4180/42150	external glazing
27	G8	5162-5162	-----	8300	external glazing
28	G9	2000/3700	100	20250	external glazing



ELEVATION A

EL

PROJECT

PROPOSED HOSPITAL BLOCK FOR KALPANA CHAWLA GOVERNMENT MEDICAL COLLEGE AT KARNAL, HARYANA

TITLE

TENDER DRAWING

OPD BLOCK

ELEVATION A
ELEVATION C

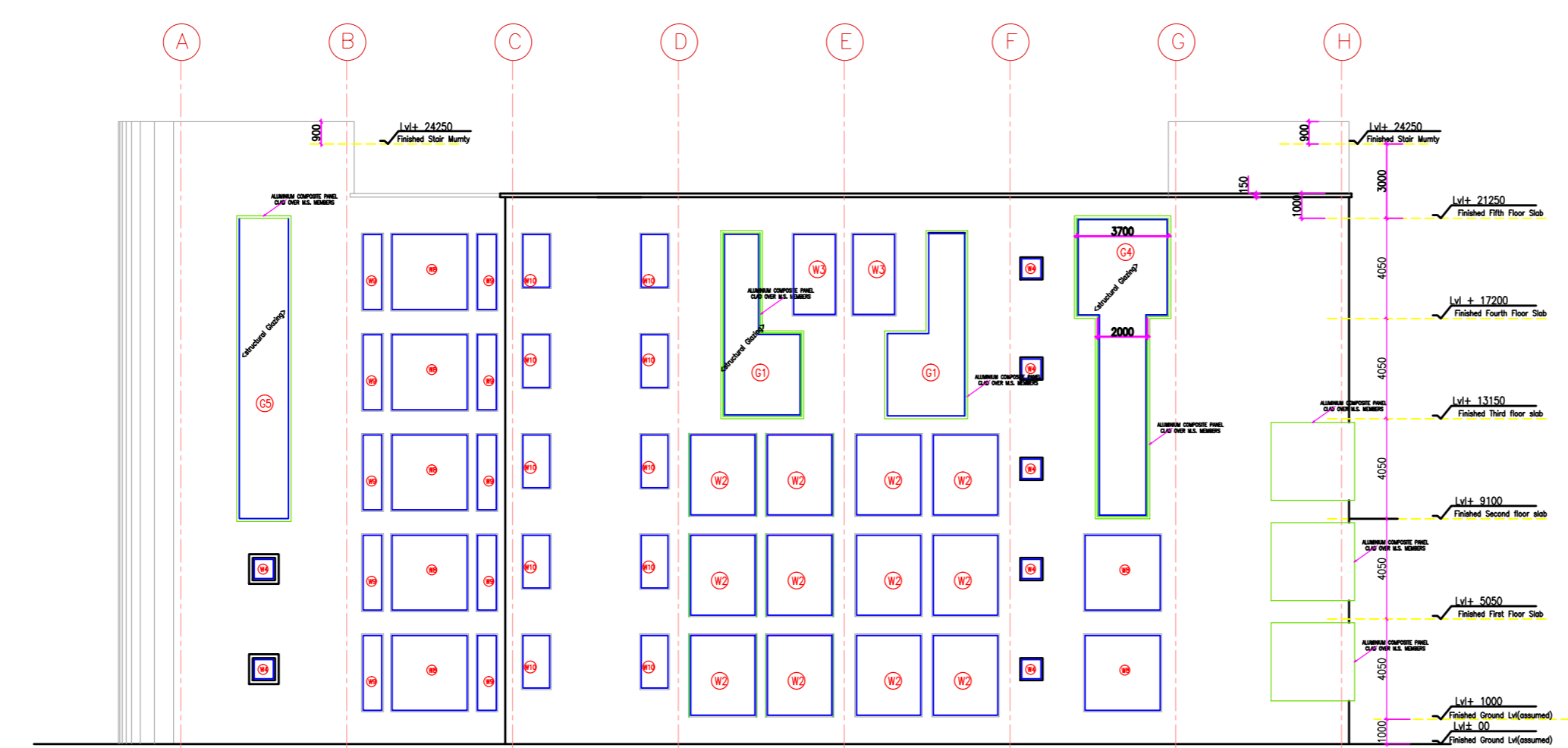
KCGMC/OPD -10		R-2
Drawing No.	1 : 150	Revision
Job No.	Scale	Date: 18-03-2013
App. By.	Rev. By	Prep. By

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ELEVATION C

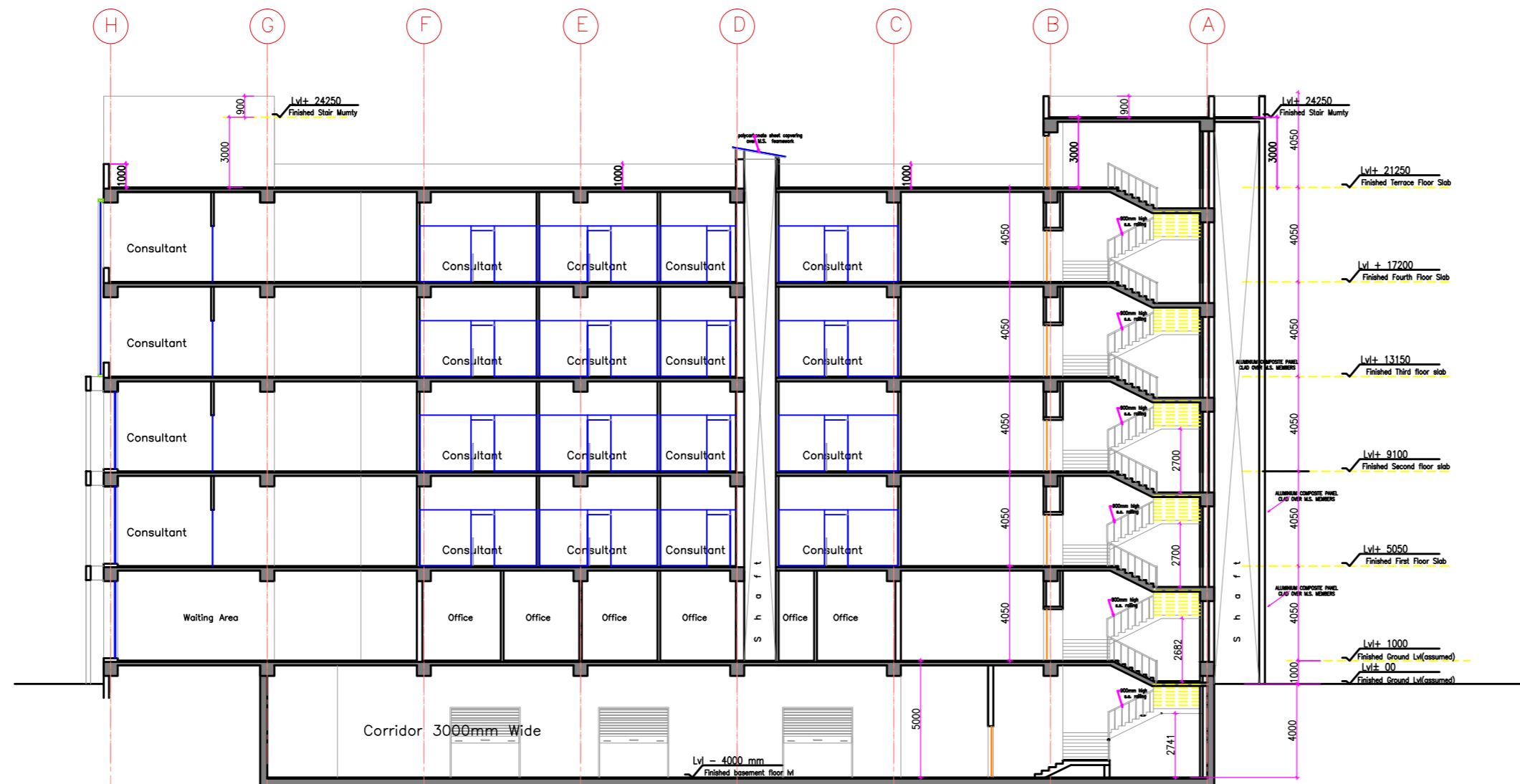
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DOOR / WINDOW SCHEDULE

S.NO.	TYPE	WIDTH	CILL	LINTEL	REMARKS
1	D1	900	-----	2200	
2	D2	900	-----	2200	
3	D3	1000	-----	2200	
4	D4	1200	-----	2200	
5	D5	1500	-----	2200	
6	D7	2000	-----	2200	
7	D8	3000	-----	2200	
8	D8	1050	-----	2200	Rolling Shutter To be installed after final fit i.e. patch fitting
9	W1	1200	1000	2200	
10	W2	2720	100	3450	
11	W3	1800	100	3450	
12	W4	900	1575	2475	
13	W5	2490	100	3450	
14	W6	6100	150	3450	
15	W7	2250	1200	3450	
16	W8	3150	300	3450	
17	W9	875	300	3450	
18	W10	1200	1200	3450	
19	DW1	6100	150	3450	
20	G1	3150	100	3450/3500	external glazing
21	G2	294+1100	2100	4150/12150	external glazing
22	G3	2924+2924	400	8100	external glazing
23	G4	2000/4000	100	12110	external glazing
24	G5	3000	00	12110	external glazing
25	G6	18000	00	6525	external glazing
26	G7	2000/4400	100	4180/12150	external glazing
27	G8	1162+1162	300	8100	external glazing
28	G9	2000/3700	100	20250	external glazing



SECTION 2-2

PROJECT

PROPOSED HOSPITAL BLOCK
FOR KALPANA CHAWLA
GOVERNMENT
MEDICAL COLLEGE
AT KARNAL, HARYANA

TITLE

TENDER DRAWING

OPD BLOCK

SECTION 1-1
SECTION 2-2

KCGMC/OPD -11

Drawing No. R-2

Job No. 1 : 150 Scale Date: 18-03-2013

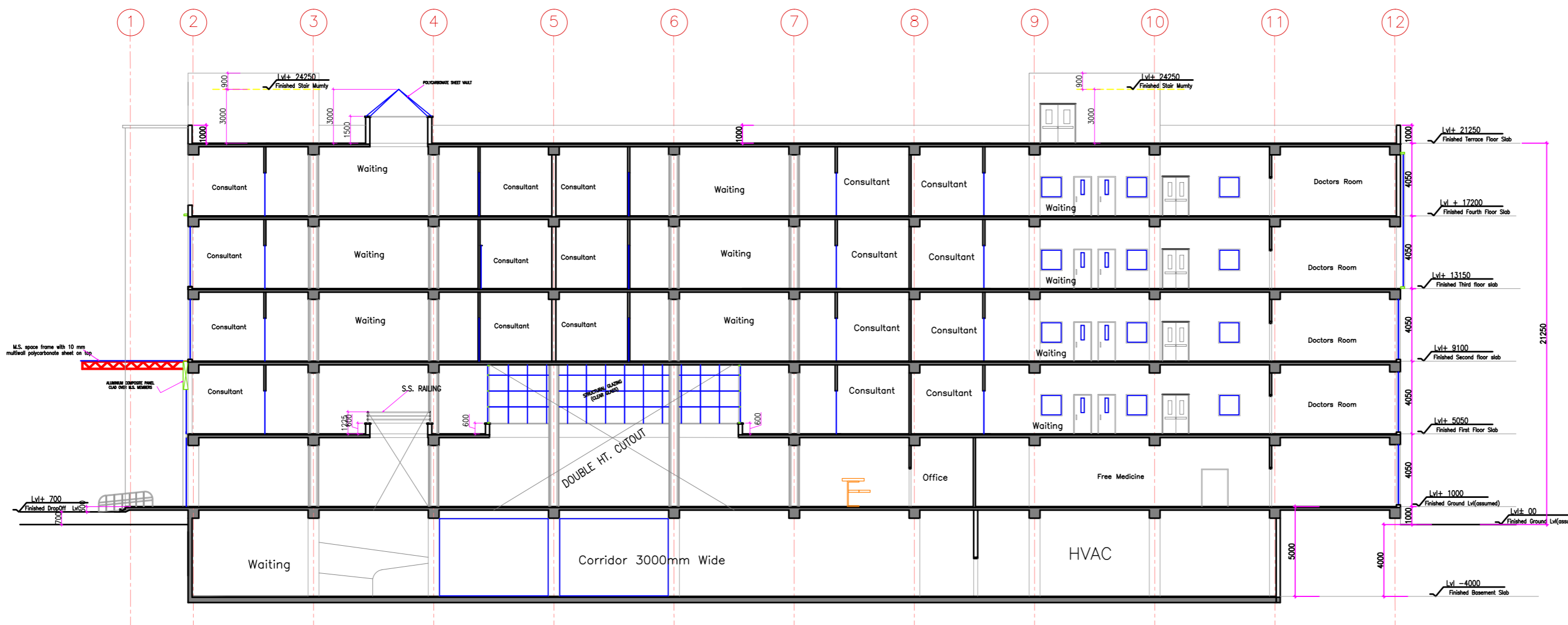
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SECTION 1-1