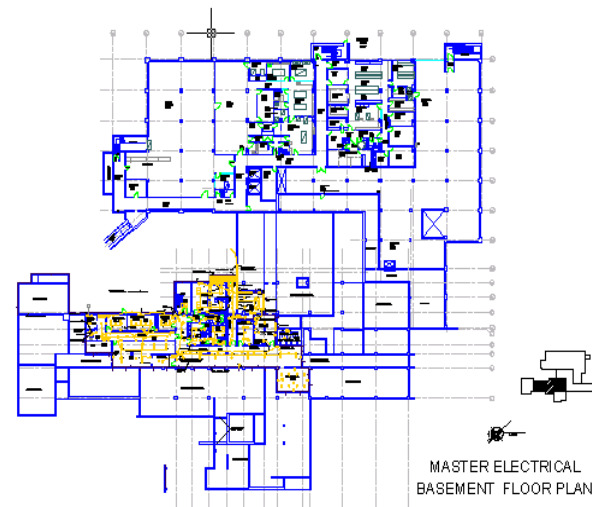

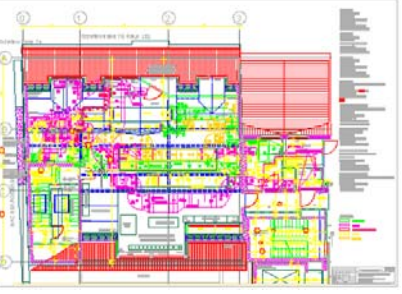




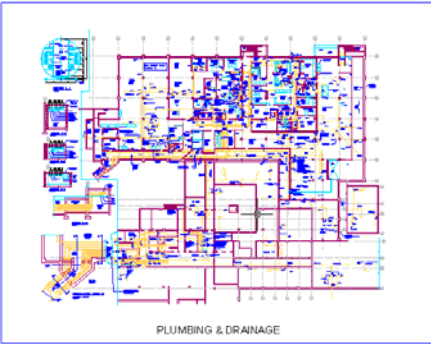
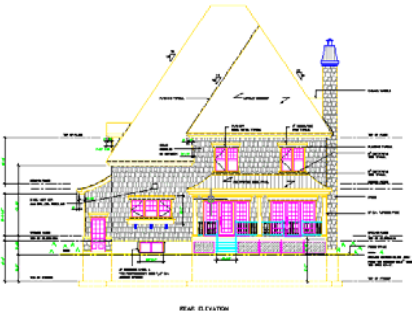
# CAD Projects Profile

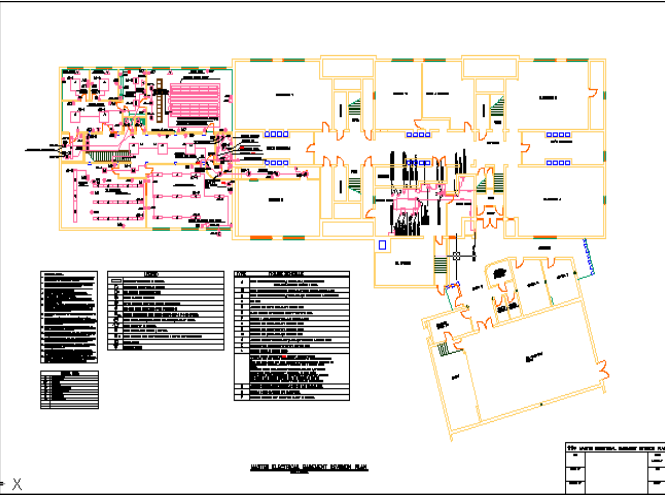
## CAD Conversion Project List

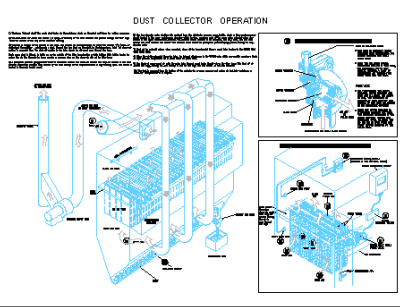
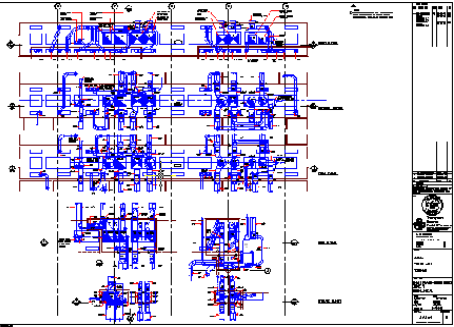
<i>Project Name</i>	<i>Description</i>
<p data-bbox="178 438 525 470"><b>HOSPITAL PROJECT</b></p>  <p data-bbox="609 1006 798 1047">MASTER ELECTRICAL BASEMENT FLOOR PLAN</p> <p>The image shows a detailed architectural drawing of a basement floor plan for a hospital. It features a complex network of blue lines representing electrical conduits and equipment. The drawing is overlaid on a grid of vertical and horizontal lines. A north arrow is located in the bottom right corner of the drawing area. The text 'MASTER ELECTRICAL BASEMENT FLOOR PLAN' is printed at the bottom right of the drawing.</p>	<p data-bbox="1050 503 1919 649">This project involves the complete drafting of several hospital building as per AIA standards. We have to develop the master CAD file for all floors and utilities. The list of Master CAD file, which we provide to our client are:</p> <ol data-bbox="1092 682 1554 876" style="list-style-type: none"><li>1. Master Floor Plan</li><li>2. Master Mechanical layout</li><li>3. Master Electrical layout</li><li>4. Master Fire Safety layout</li><li>5. Master Medical Gas Layout</li></ol> <p data-bbox="1050 909 1919 1120">We receive scanned images from our client and we need to convert them into digital data .We have to merge all the individual file into a single master CAD file .For this we have to follow the merging instruction .It involves the overall matching of walls, staircase, Toilets and column position through out the drawings.</p>


<b>Project Name</b>	<b>Description</b>
 <p data-bbox="189 641 672 673"><b>Plan Drawing (For presentation)</b></p>	<p data-bbox="1060 349 1900 560">In this project we have to do conversion of more than 1000 apartments for one of the leading construction company in Germany. The CAD files that we develop from the scanned image are for presentations purpose. In this file we draft the scanned images not to scale and then convert it into pdf file of DIN A4 size.</p> <p data-bbox="1060 609 1900 787">In this project we also keep database information of room size, number of rooms, types of rooms, no. of doors and windows in excel sheet for our client requirement. Room size is calculated according to the instructions provided by the client.</p>
 <p data-bbox="189 1144 409 1177"><b>HVAC-Drawing</b></p>	<p data-bbox="1060 885 1900 1144">In this project we need to draft HVAC system. We receive scanned image (colored and black white), layer structure and template file from our client as input. We have to draft the duct system as per dimension available on the scanned image. For layerization of HVAC system we use colored scanned image .We have done conversion of HVAC drawing for both residential and commercial buildings.</p>

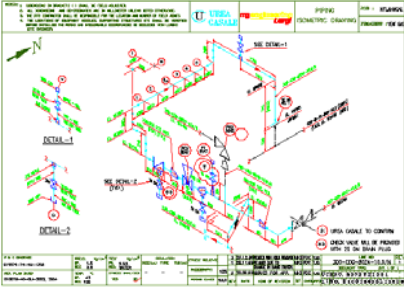
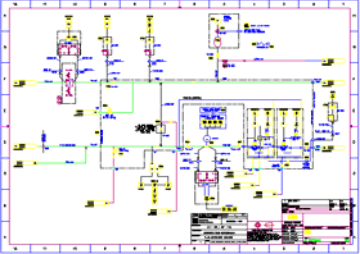
<b>Project Name</b>	<b>Description</b>
 <p data-bbox="193 578 464 613"><b>Elevation Drawing</b></p>	<p data-bbox="1062 321 1904 605">In this project we have to convert plan, section and elevation drawing for residential buildings. For drafting of elevation and sectional drawing we have to follow projection from the plan drawing. We have to also follow the standards for drafting of all the outer and inner walls. Windows and doors are also done as per the standards. For drafting of all architectural and plumbing utilities we have to follow the client standards provided to us in the specification.</p>
 <p data-bbox="193 976 930 1114"><b>Paper to CAD Conversion</b> Residential, Commercial, Educational, hospitality etc <b>Industry Segment</b> Arch/Construction</p>	<p data-bbox="1062 683 1904 967">Architectural plan and constructional drafting was carried out with high level of accuracy and accurate dimensions according to the source scanned imagery. All the columns, walls, partitions, doors, windows, stairs, Elevators, all the interior accessories including toilet and bathroom fixtures, miscellaneous symbols, were drafted as per the dimensions given in the raster image and referring to the co-ordinate lines.</p> <p data-bbox="1062 976 1904 1114">It also involves the overall matching of Walls, Staircases, Toilets and Column position throughout the drawings, useful for Reconstruction/Renovation, interior decoration, landscape details or preservation purpose.</p>

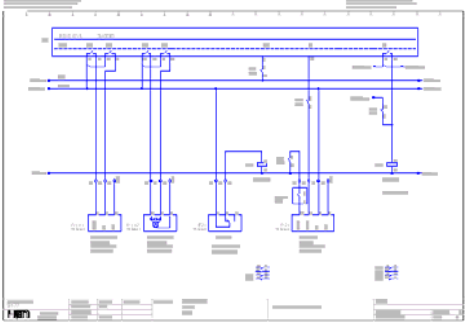
<b>Project Name</b>	<b>Description</b>
 <p data-bbox="191 760 646 797"><b>Plumbing &amp; Drainage Drawing</b></p>	<p data-bbox="1060 418 1898 673">This project involves drafting of plumbing drawing. We provide drawing for Plumbing and pipeline system between facilities such as docks, storage tanks, loading/blending systems etc. We have also done updating of as built drawings of foam/sprinkler system for storage tanks, loading racks, dock and vessel fire protection, and other large buildings.</p> <p data-bbox="1060 711 1873 857">We have done plumbing drawings for domestic Hot/Cold water system, Sanitary drainage and vent system, Storm water drainage system, Medical gas system, compressed air system, Fire protection system etc.</p>
 <p data-bbox="191 1226 466 1263"><b>Elevation Drawing</b></p>	<p data-bbox="1060 1026 1885 1133">In this project we have to develop the plan and elevation drawing by following the dimensions available on the hand sketch paper drawing.</p> <p data-bbox="1060 1138 1906 1279">We have to make modification on these drawing according to the client requirement. For drafting of all architectural and plumbing utilities we have to follow the client standards provided to us in the specification.</p>

<b>Project Name</b>	<b>Description</b>
<p data-bbox="191 318 485 347"><b>SCHOOL PROJECT</b></p> 	<p data-bbox="1062 386 1904 597">This project is very similar to the above Hospital project. In this project we have to do complete CAD conversion of several school building as per AIA standards. In this project also, we have to develop the master CAD file for all floors and utilities. The list of Master CAD file which we provide to our client are:</p> <ol data-bbox="1108 643 1520 818" style="list-style-type: none"> <li>1. Master Floor Plan</li> <li>2. Master Mechanical layout</li> <li>3. Master Electrical layout</li> <li>4. Master Structural layout</li> <li>5. Master Site Plan</li> </ol> <p data-bbox="1062 862 1904 1149">For this project we receive scan images, template dwg file and project instruction as input. We have to do conversion of the scanned image as per our client specification. After conversion we have to merge all the individual file into a single master CAD file. For this we have to follow the merging instruction. It involves the overall matching of walls, staircase, Toilets and column position through out the drawings.</p>

<b>Project Name</b>	<b>Description</b>
 <p data-bbox="195 625 667 657"><b>Isometric Drawing (Mechanical)</b></p>	<p data-bbox="1062 354 1881 532">This project involved the drafting of Isometric drawing available on raster image. We also provided detail and sectional view of the isometric drawing to our client as per its requirement. We have make isometric drawing of different mechanical equipment for this client.</p>
 <p data-bbox="195 1084 415 1117"><b>HVAC Drawing</b></p>	<p data-bbox="1062 833 1881 1044">This project involved the drafting and designing of HVAC drawing for different residential and commercial buildings. The HVAC drawing is drafted according to the dimension available on the raster image. Layerization of different accessories like firing dampers, ducting etc. is done according to the layer specification provided by the client.</p>

<b>Project Name</b>	<b>Description</b>
 <p data-bbox="191 954 821 1024">Pipe rack and structure <b>Of HYDRO DESULFURIZATION PROJECT</b></p>	<p data-bbox="1062 347 1902 526">This project is about drafting of pipe rack for one of the major oil refinery Company. In this project we have to draft the pipe rack and piping at full scale by strictly following the dimensions and drawing standards available in the scanned image. We follow the below procedure:</p> <ol data-bbox="1108 565 1885 964" style="list-style-type: none"><li>1. Defining Grid area.</li><li>2. Defining drafting standards (e.g. block, equipments, fitting, pipe size layers, line type)</li><li>3. Assigning line number</li><li>4. Assigning equipment number</li><li>5. Bill of material</li><li>6. Edge-Matching</li><li>7. Stamping the drawing</li><li>8. Attributing Title Block</li><li>9. Attributing equipments</li><li>10. Q.C/Q.A</li></ol> <p data-bbox="1062 1008 1902 1073">In this project we have to merge the individual CAD file into one index file.</p>

<b>Project Name</b>	<b>Description</b>
 <p data-bbox="191 638 516 670">Piping IsoGen Drawing</p>	<p data-bbox="1062 347 1892 526">This project is also from one of the leading oil refinery company. In this project we generate IsoGen drawing from the available raster image. We have to follow the client drafting standards and instruction to generate piping IsoGen drawings. The process is below:</p> <ol data-bbox="1142 532 1835 813" style="list-style-type: none"> <li>1. Defining drafting standards (e.g. block, equipments, fitting, pipe size layers, line type)</li> <li>2. Assigning line number</li> <li>3. Assigning equipment number</li> <li>4. Bill of material</li> <li>5. Attributing Title Block</li> <li>6. Attributing equipments</li> <li>7. Q.C/Q.A</li> </ol>
 <p data-bbox="191 1081 457 1114">Pipeline Detailing</p>	<p data-bbox="1062 997 1913 1138">The pipes were drafted as per the provided dimensions in the raster image. Suitable couplings, and pipefitting were added onto the drawing. Labeling and dimensions and descriptive texts were then added.</p>

<b><i>Project Name</i></b>	<b><i>Description</i></b>
 <p data-bbox="178 673 819 714"><b>Electrical and Service Layout Conversion</b></p>	<p data-bbox="1060 397 1879 544">All the electrical features i.e. conduits, cable trays, motor control centers, transformers, etc. were drafted as per the source's dimension. Architectural floor plans were also drafted and amalgamated with the electrical features</p>