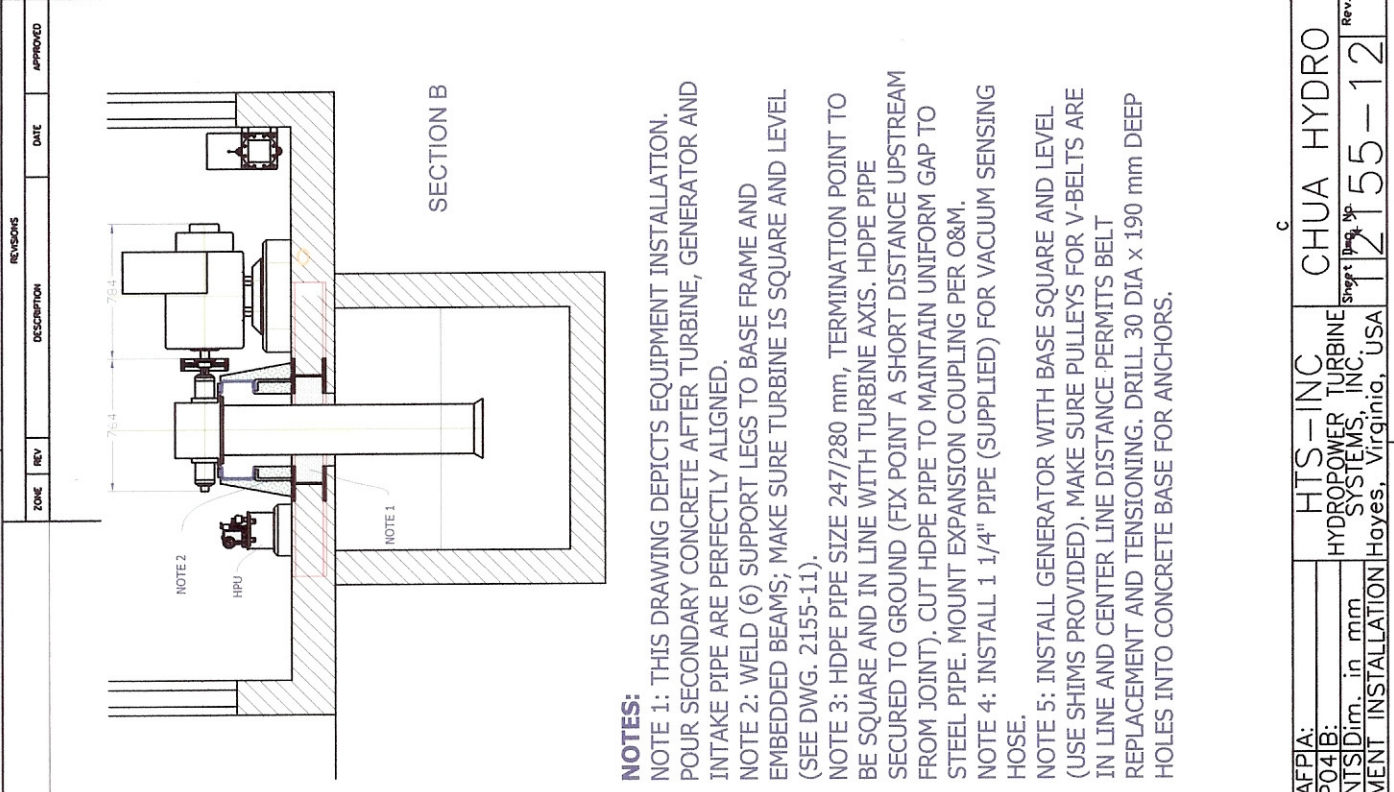


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NOTES:

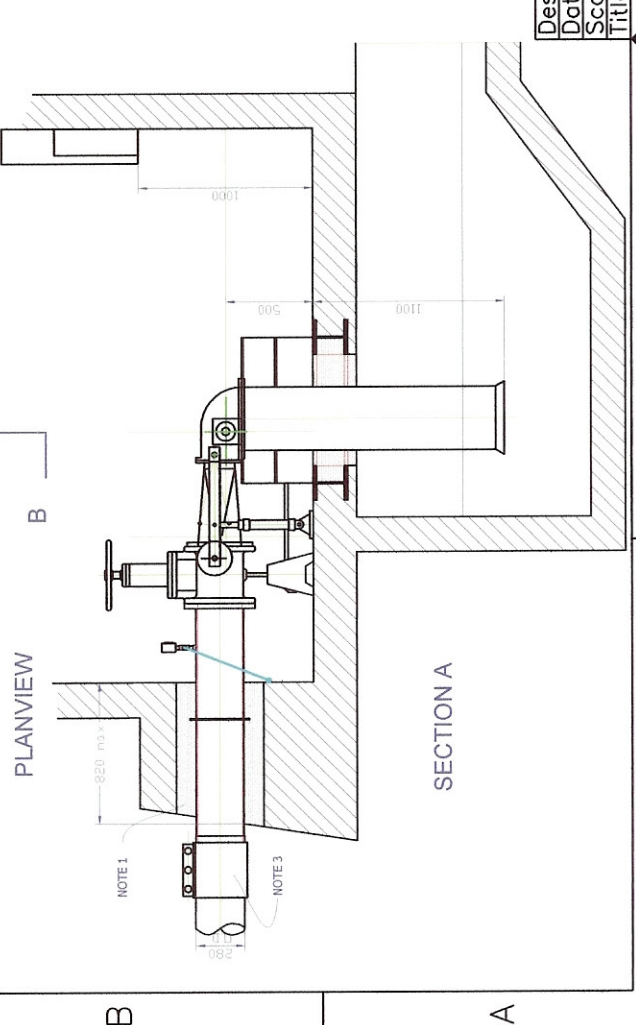
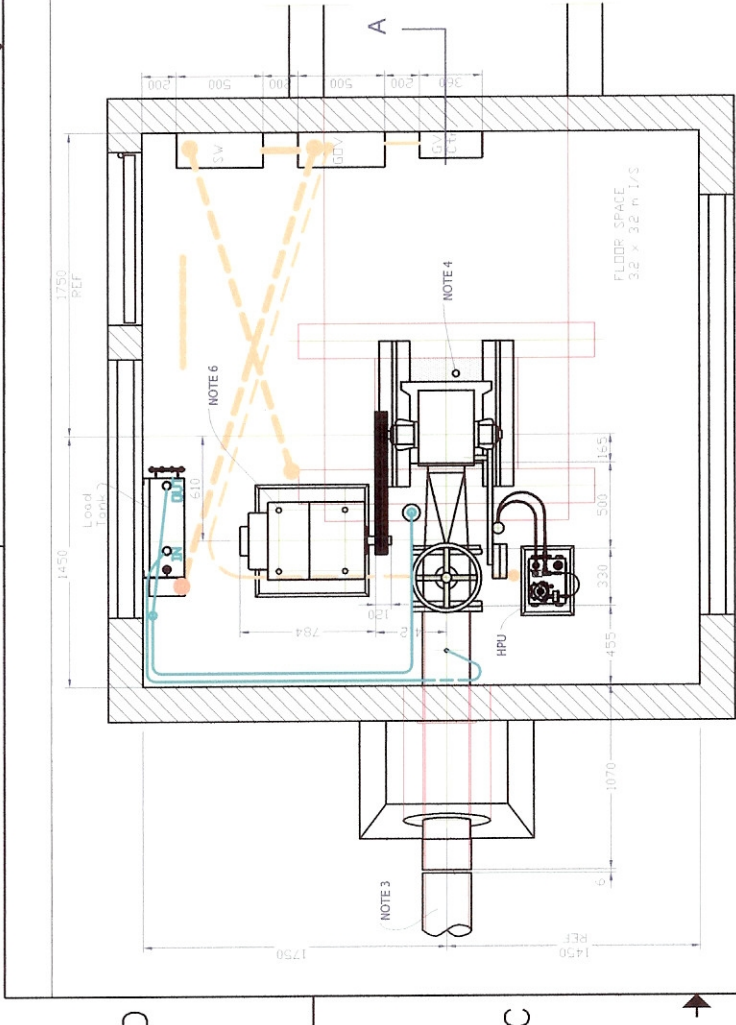
NOTE 1: THIS DRAWING DEPICTS EQUIPMENT INSTALLATION. POUR SECONDARY CONCRETE AFTER TURBINE, GENERATOR AND INTAKE PIPE ARE PERFECTLY ALIGNED.

NOTE 2: WELD (6) SUPPORT LEGS TO BASE FRAME AND EMBEDDED BEAMS; MAKE SURE TURBINE IS SQUARE AND LEVEL (SEE DWG. 2155-11).

NOTE 3: HDPE PIPE SIZE 247/280 mm, TERMINATION POINT TO BE SQUARE AND IN LINE WITH TURBINE AXIS. HDPE PIPE SECURED TO GROUND (FIX POINT A SHORT DISTANCE UPSTREAM FROM JOINT). CUT HDPE PIPE TO MAINTAIN UNIFORM GAP TO STEEL PIPE. MOUNT EXPANSION COUPLING PER O&M.

NOTE 4: INSTALL 1 1/4" PIPE (SUPPLIED) FOR VACUUM SENSING HOSE.

NOTE 5: INSTALL GENERATOR WITH BASE SQUARE AND LEVEL (USE SHIMS PROVIDED). MAKE SURE PULLEYS FOR V-BELTS ARE IN LINE AND CENTER LINE DISTANCE PERMITS BELT REPLACEMENT AND TENSIONING. DRILL 30 DIA x 190 mm DEEP HOLES INTO CONCRETE BASE FOR ANCHORS.



PLANVIEW

SECTION A

| ZONE | REV | DESCRIPTION | DATE | APPROVED |
|------|-----|-------------|------|----------|
| | | | | |

| | | |
|-------------------------------|----------------------|------------|
| Design: AFPIA: | HTS-INC | CHUA HYDRO |
| Date: 22SEP04IB: | HYDROPOWER TURBINE | |
| Scale: NTSIDim. in mm | SYSTEMS, INC | |
| Title: EQUIPMENT INSTALLATION | Hayes, Virginia, USA | |

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