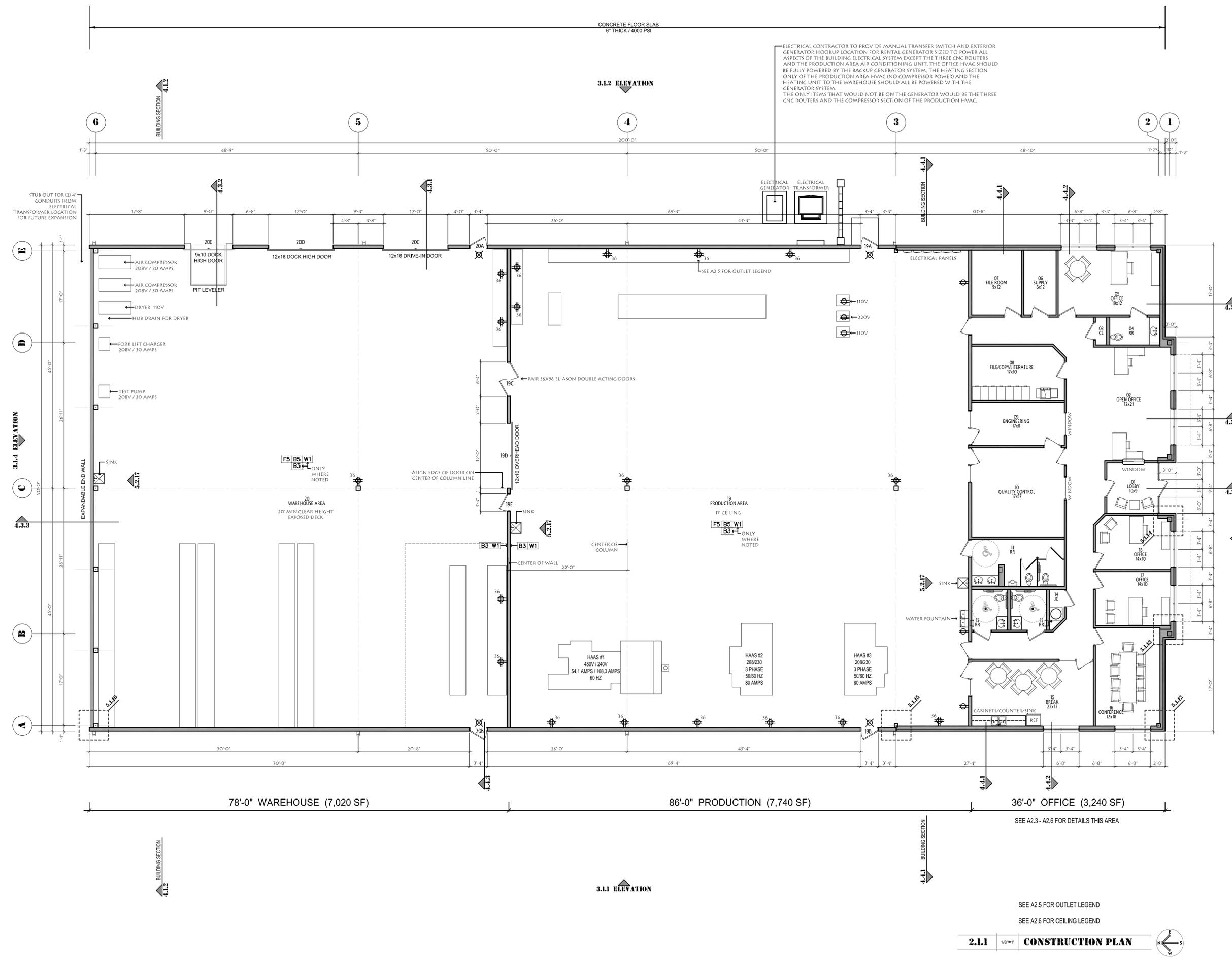


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- RANGER PUMPS CONSTRUCTION NOTES**
- 02 SITE WORK**
 00-NOTE: CIVIL DRAWINGS FOR ALL SITE REQUIREMENTS CIVIL DRAWING SUPERSEDE ALL SITE INFORMATION ON ARCHITECTURAL SITE PLANS.
 01-GRADE: FINISHED SEE C-DWG'S
 02-FILL: PROVIDE CRUSHED STONE, SAND OR OTHER GRANULAR FILL BENEATH ALL SLABS AS PER SOils REPORT.
 03-PAVING: SEE C-DWG'S
 04-TERMITE CONTROL: PROVIDE TREATMENT
- 03 CONCRETE**
 00-NOTE: SEE S-DWGS FOR ALL SIZES, PSI, REINFORCING, ETC.
 01-FOOTING: BELOW FROST LINE.
 02-FLOOR SLAB: INTERIOR ON GRADE
 03-JOINT FILLER: PRIME/MODIFIED
 04-EXTERIOR SLAB: REINFORCED CONCRETE SLAB WITH 1-48 SLOPE FOR DRAINAGE
 05-CURB: CONCRETE CURB & GUTTER SEE CIVIL DWGS
 06-SPLASH: CONCRETE SPLASH GUARD AT ALL DOWNSPOUTS (TYP)
- 04 MASONRY**
 00-NOTE: ALL MORTAR JOINTS (ABOVE GRADE) TO BE 1/2" CONCAVE/UNCO - ALL MORTAR JOINTS (BELOW GRADE) TO BE FLUSH TYPE MC.
 01-AIR SPACE: 1" AIR SPACE BEHIND MASONRY WALL
 02-ANCHORS: 12 GA NON-CORROSIVE BRICK WALL ANCHORS WITH 3/16" WIRE AT 24" VERT MAX AND 36" HOR MAX
 03-WEEP HOLES: 4'-0" OC MAX SPACING W/GLASS TUBES
 04-WEEP SYSTEM: LAMINATED SELF ADHESIVE MEMBRANE WEEP SYSTEM
 05-BRICK RUNNING BOND: MODULAR BRICK LAYED IN RUNNING BOND
 06-BRICK SILL: MODULAR BRICK ROW LOCK SLOPED TO DRAIN
 07-BRICK SOLDIER COURSE: MODULAR BRICK LAYED IN SOLDIER COURSE
 08-BLOCK: 8 X 8 X 16 SPLIT-FACE DRY CONCRETE BLOCK
- 05 METALS**
 00-NOTE: SEE ENGINEERING DWGS FOR ALL STRUCTURAL STEEL. ALL EXTERIOR EXPOSED STEEL IS TO BE PAINTED (TYP THROUGHOUT)
 01-COLUMN: STEEL
 02-BEAM: STEEL
 03-BAR JOIST: STEEL
 04-TUBE: STEEL
 05-ANGLE: STEEL
 06-PLATE: STEEL
 07-ROOF DECK: METAL DECK
 08-2 1/2" STEEL STUD (20 GA)
 09-3 5/8" STEEL STUD (20 GA)
 10-4" STEEL STUD (18 GA)
 11-8" STEEL STUD (5W/6)
 12-8" STEEL STUD (5W/6)
 13-DRIP CAP: ANODIZED ALUMINUM
 14-DOWNSPOUT: GALVANIZED METAL (PAINTED TO MATCH ADJACENT WALL TYP)
 15-GUTTER: GALVANIZED METAL (PAINTED TO MATCH ADJACENT WALL TYP)
 16-FLASHING: 22 GA GALVANIZED, PAINTED, SEALED CONTINUOUS
 17-CORNING: PREFABRICATED BRUSHED ALUMINUM PANELS W/FACTORY FINISH PROVIDE SNAP LOCK INSTALLATION W/EXPANSION JOINTS AS PER MANUFACTURE REQUIREMENTS
 18-VENT: 3" WIDE ANODIZED ALUMINUM SOFFIT VENT (CONTINUOUS)
 19-TRIM: METAL TRIM CLOSURE
 20-PROTECTION: 6" DIA STEEL PIPE 8'-0" LONG (4'-0" ABOVE GRADE AND 4'-0" BELOW GRADE) SET IN CONCRETE AND FILLED SOLID WITH CONCRETE
- 06 WOOD/PLASTICS**
 00-NOTE: ALL WOOD BLOCKING THROUGHOUT BUILDING TO BE FIRE-TREATED (TYP)
 01-1 X WOOD BLOCKING (CONT)
 02-2 X WOOD BLOCKING (CONT)
 03-PLY: 3/4" TREATED PLYWOOD BLOCKING
- 07 THERMAL MOISTURE PROTECTION**
 00-NOTE: INSULATE ALL WALLS IN CONDITIONED AREAS MINIMUM R-11 AND ALL ROOFS/CEILING MINIMUM R-19 THROUGHOUT
 01-SEALANT: IF EXPOSED TO EXTERIOR, COLOR TO MATCH ADJACENT SURFACE UNO
 02-EXPANSION JOINT: W/CUSTOM COLOR SEALANT TO MATCH ADJACENT MATERIAL COLOR
 03-CONTROL JOINT: W/CUSTOM COLOR SEALANT TO MATCH ADJACENT MATERIAL COLOR
 04-VAPOR BARRIER: 6 MIL POLYETHYLENE
 05-3 1/2" BATT: FIBERGLASS INSULATION FULL WIDTH AND HEIGHT OF WALL CAVITY
 06-6" BATT: FIBERGLASS INSULATION
 07-ROOF INSULATION: 3" PLY W/ADDITIONAL CAP SHEET FULLY ADHERED BUILTUP ROOF SYSTEM W/20 YEAR WARRANTY
 08-PARAPET BACK: SINGLE PLY 45 MIL EPDM PARAPET ROOF BACKING INSTALLED AS PER MANUFACTURE
 09-CANT: CONTINUOUS CANT STRIP (AS PER ROOF MFG)
- 08 DOORS & WINDOWS**
 00-NOTE: ALL LOCKS TO BE ON A SINGLE "BEST" MASTER SYSTEM, AND EXIT DOOR IS ALLOWED TO LOCK IN THE DIRECTION OF EXIT. REQUIRED EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT. ALL HARDWARE MUST BE DIRECT ACTING REQUIRING NO MORE THAN ONE OPERATION.
 01-GLASS: 1" INSULATED LOW-E CLEAR GLAZING
 02-MULL TYPICAL: 2 X ANODIZED ALUMINUM FRAME SYSTEM
 03-MULL EXPANSION: 2 X ANODIZED ALUMINUM FRAME 2-SECTION EXPANSION SYSTEM
 04-MULL SUB-SILL: 2 X ANODIZED ALUMINUM FRAME SYSTEM W/SUB-SILL
 05-MAN DOOR: 16 GA HOLLOW METAL W/SOLID CAP ON TOP OF DOOR (PAINTED)
 06-DOOR FRAME: 14 GA HOLLOW METAL FRAME (PAINTED)
 07-HARDWARE: ACCESSIBLE DOOR HARDWARE
 08-THRESHOLD: 1/2" HIGH ACCESSIBLE ALUMINUM
 09-OVERHEAD DOOR: 24 GA METAL OVERHEAD DOOR WITH 1" TRACK SYSTEM, WEATHER STRIPPING, Z-GUARD PROTECTION (PAINTED)
- 09 FINISHES**
 01-EXTERIOR SHEATHING: 1/2" EXTERIOR GYPSUM BOARD SHEATHING APPLY GLASS-FAB AND WATERPROOFING MASTIC AT ALL SHEATHING JOINTS. APPLY SECOND COAT OF WATERPROOFING MASTIC OVER ENTIRE SHEATHING. (TYPICAL ALL METAL STUD WALLS WITH MASONRY VENEER)
 02-EIPS: EXTERIOR INSULATION FINISH SYSTEM ON FOAM BOARD
 03-GYP SHEATHING: 1/2" EXTERIOR GRADE GYPSUM BOARD
 04-DENGLASS SHEATHING: 5/8" DENGLASS GOLD PANELS BY GEORGIA-PACIFIC
 05-TYPICAL GYP: 1/2" INTERIOR GYPSUM BOARD
- 10 MECHANICAL**
 00-NOTE: ALL MECHANICAL AND PLUMBING ITEMS SHOWN ON ARCHITECTURAL PLANS ARE TO BE VERIFIED WITH ENGINEERING DRAWINGS PRIOR TO ANY PURCHASE OR INSTALLATION.
- 11 ELECTRICAL**
 00-NOTE: ALL ELECTRICAL ITEMS SHOWN ON ARCHITECTURAL PLANS ARE TO BE VERIFIED WITH ENGINEERING DRAWINGS PRIOR TO ANY PURCHASE OR INSTALLATION.

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RANGER PUMPS

PROGRESS SHEET
 22-JUL-2011

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 DATE: 01APR 2011

A2.1
19 CONSTRUCTION

SEE A2.5 FOR OUTLET LEGEND
 SEE A2.6 FOR CEILING LEGEND
 2.1.1 1/8"=1" CONSTRUCTION PLAN