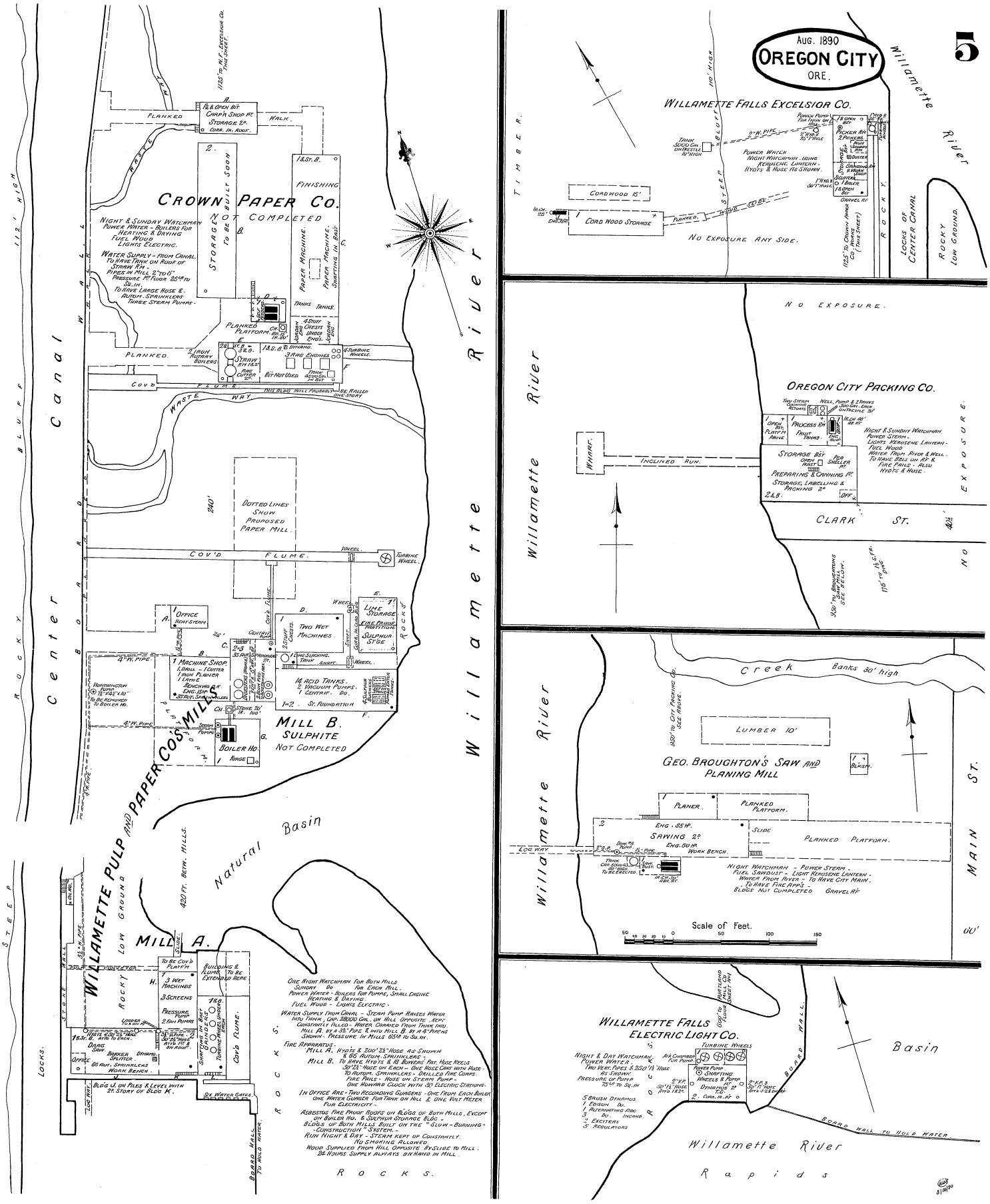

5
AUG. 1890
OREGON CITY
ORE.
CROWN PAPER CO.
NOT COMPLETED
NIGHT & SUNDAY WATCHMAN
POWER WATER - BOILERS FOR HEATING & DRYING
FUEL WOOD
LIGHTS ELECTRIC.
WATER SUPPLY - FROM CANAL. TO HAVE TANK ON ROOF OF STRAW R'M.
PIPES IN MILL 2" TO 6"
PRESSURE 1ST FLOOR 25 LB TO SQ. IN.
TO HAVE LARGE HOSE & AUTOM. SPRINKLERS
THREE STEAM PUMPS.
STORAGE TO BE BUILT SOON
FINISHING
PAPER MACHINE
PAPER MACHINE SHAFTING IN BAST
TANKS
PLANKED PLATFORM
PLANKED
COV'D FLUME
WASTE WAY
THIS BLDG WILL PROBABLY BE RAISED ONE STORY
DOTTED LINES SHOW PROPOSED PAPER MILL.
COV'D FLUME
TURBINE WHEEL
OFFICE HEAT STEAM
MACHINE SHOP
TWO WET MACHINES
LIME STORAGE
FIRE PROOF PARTITION
SULPHUR STGE
14 ACID TANKS.
2 VACUUM PUMPS.
1 CENTRIF. DO.
ST. FOUNDATION
MILL B.
SULPHITE
NOT COMPLETED
BOILER HO.
FORGE
WILLAMETTE PULP AND PAPER CO'S MILLS
Center Canal
Willamette River
Natural Basin
420 FT. BETW. MILLS.
MILL A.
ROCKY LOW GROUND
TO BE COV'D PLAT'M
3 WET MACHINES
3 SCREENS
PRESSURE PUMP
2 FAN PUMPS
BUILDING & FLUME TO BE EXTENDED HERE
COV'D FLUME
SHAFTING IN BAST GRINDERS
TURBINE WHEEL
DRAG SAW
BARKER SPLITTER
OFFICE
66 AUT. SPRINKLERS
WORK BENCH
BLD'G J. ON PILES & LEVEL WITH 2ND STORY OF BLDG K.
SIX WATER GATES
BOARD WALL TO HOLD WATER
LOCKS.
STEEP
ROCKY BLUFF
112' HIGH
ONE NIGHT WATCHMAN FOR BOTH MILLS
SUNDAY DO FOR EACH MILL.
POWER WATER - BOILERS FOR PUMPS, SMALL ENGINE
HEATING & DRYING.
FUEL WOOD - LIGHTS ELECTRIC -
WATER SUPPLY FROM CANAL - STEAM PUMP RAISES WATER INTO TANK, CAP. 28000 GAL. ON HILL OPPOSITE. KEPT CONSTANTLY FILLED - WATER CARRIED FROM TANK INTO MILL A. BY A 3½" PIPE & INTO MILL B. BY A 4" PIPE AS SHOWN - PRESSURE IN MILLS 65 LB TO SQ. IN.
FIRE APPARATUS -
MILL A. HYD'TS & 200' 2½" HOSE AS SHOWN & 66 AUTOM. SPRINKLERS -
MILL B. TO HAVE HYD'TS & 18 BUYERS PAT. HOSE REELS 50' 2½" HOSE ON EACH - ONE HOSE CART WITH HOSE TO AUTOM. SPRINKLERS - DRILLED FIRE CORPS.
FIRE PAILS - HOSE ON STEAM PUMP -
ONE HOWARD CLOCK WITH 32 ELECTRIC STATIONS.
IN OFFICE ARE - TWO RECORDING GUAGERS - ONE FROM EACH BOILER
ONE WATER GUAGER FOR TANK ON HILL & ONE VOLT METER FOR ELECTRICITY -
ASBESTOS FIRE PROOF ROOFS ON BLDGS OF BOTH MILLS, EXCEPT ON BOILER HO. & SULPHUR STORAGE BLDG.
BLDGS OF BOTH MILLS BUILT ON THE "SLOW-BURNING-CONSTRUCTION" SYSTEM.
RUN NIGHT & DAY - STEAM KEPT UP CONSTANTLY.
NO SMOKING ALLOWED.
WOOD SUPPLIED FROM HILL OPPOSITE BY SLIDE TO MILL.
24 HOURS SUPPLY ALWAYS ON HAND IN MILL.
ROCKS.
WILLAMETTE FALLS EXCELSIOR CO.
TIMBER
STEEP BLUFF
110' HIGH
POWER WATER
NIGHT WATCHMAN - LIGHTS
KEROSENE LANTERN -
HYD'TS & HOSE AS SHOWN.
CORDWOOD 15'
CORD WOOD STORAGE
PLANKED
WOOD SLIDE
NO EXPOSURE ANY SIDE.
Willamette River
ROCKY
LOCKS OF CENTER CANAL
ROCKY LOW GROUND.
NO EXPOSURE.
OREGON CITY PACKING CO.
WHARF
INCLINED RUN.
PROCESS R'M
FRUIT TANKS
STORAGE BST
PREPARING & CANNING R'M
STORAGE, LABELLING & PACKING 2D
NIGHT & SUNDAY WATCHMAN.
POWER STEAM -
LIGHTS KEROSENE LANTERN -
FUEL WOOD
WATER FROM RIVER & WELL.
TO HAVE BELS ON R'F & FIRE PAILS - ALSO HYD'TS & HOSE.
CLARK ST.
NO EXPOSURE.
Creek
Banks 30' high
LUMBER 10'
GEO. BROUGHTON'S SAW AND PLANING MILL
PLANER.
PLANKED PLATFORM.
SAWING 2D
ENG. 35 HP.
ENG. 50 HP.
WORK BENCH.
SLIDE
PLANKED PLATFORM.
LOG WAY
NIGHT WATCHMAN - POWER STEAM -
FUEL SAWDUST - LIGHT KEROSENE LANTERN -
WATER FROM RIVER - TO HAVE CITY MAIN.
TO HAVE FIRE APP'S -
BLDGS NOT COMPLETED GRAVEL R'F
MAIN ST.
Scale of Feet.
WILLAMETTE FALLS ELECTRIC LIGHT CO.
TURBINE WHEELS
NIGHT & DAY WATCHMAN.
POWER WATER.
TWO VERT. PIPES & 250' 1½" HOSE AS SHOWN
PRESSURE OF PUMP 75 LB TO SQ. IN.
POWER PUMP
SHAFTING WHEELS & PUMP
DYNAMOS 2D
5 BRUSH DYNAMOS
1 EDISON DO.
1 ALTERNATING ARC
3 DO. INCAND.
4 EXCITERS
5 REGULATORS
BOARD WALL.
Basin
BOARD WALL TO HOLD WATER
Willamette River
Rapids