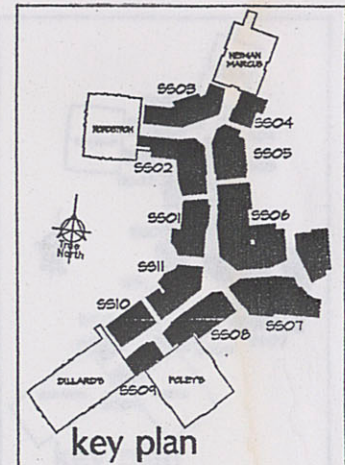
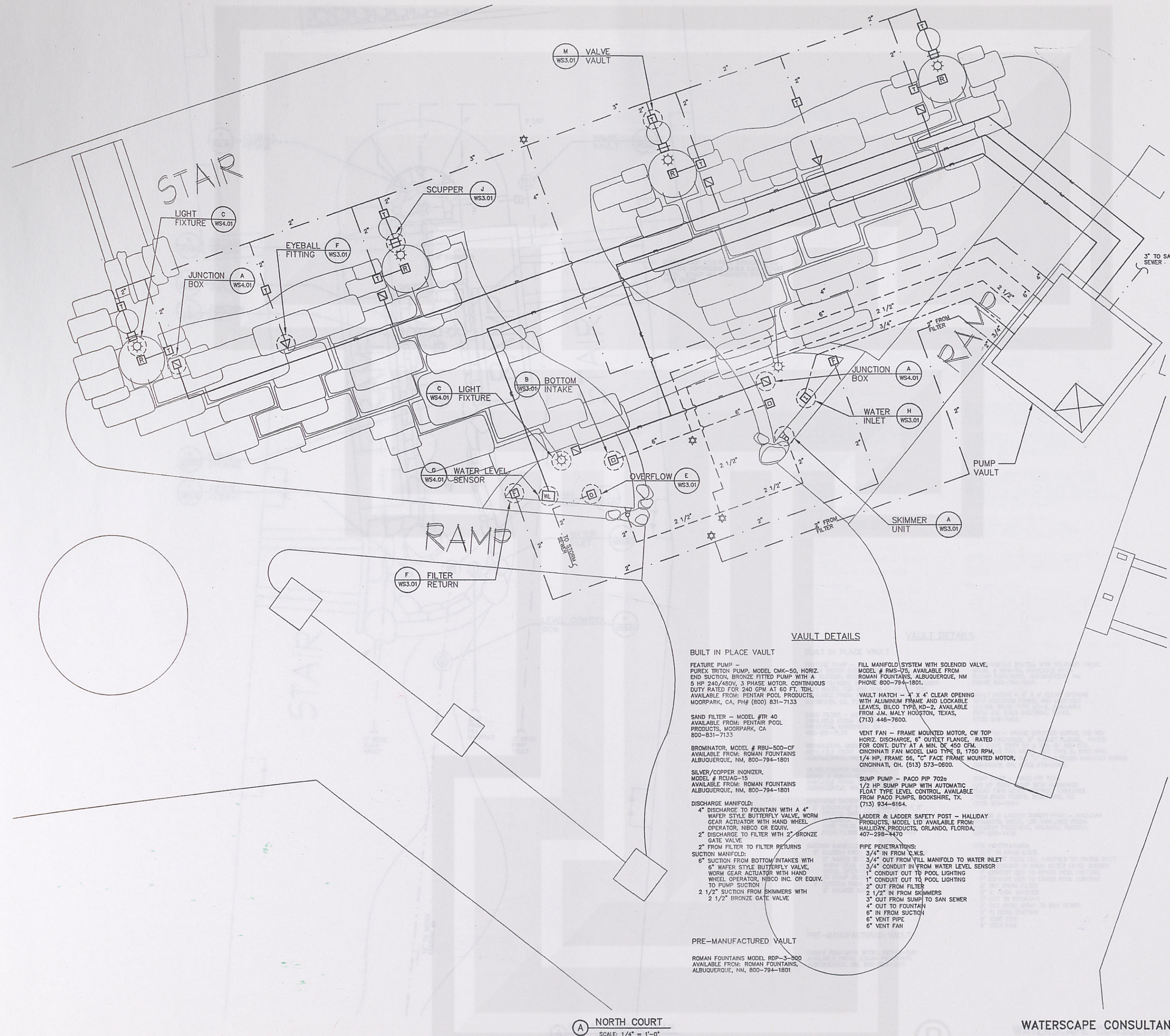




No. July 17, 2003-1008 Design Development

The Shops at La Cantera

15900 La Cantera Parkway
San Antonio, Texas 78256

OWNER
LA CANTERA RETAIL LIMITED PARTNERSHIP
Contact: Gregory Zimmerman
The Rouse Company
Tel: 702.914.3111 / Fax: 702.914.4486

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San Antonio, TX 78204
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LANDSCAPE ARCHITECT
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1715 S. Capital of Texas Highway Suite 105
Austin TX 78746
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125 West Sunset
San Antonio, TX 78209
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MEP ENGINEER
GOETTING & ASSOCIATES INC
12042 Blanco Road
San Antonio, TX 78216
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LIGHTING CONSULTANTS
KAPLAN PARTNERS ARCHITECTURAL LIGHTING
10357 Santa Monica Blvd, Suite 140
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CIVIL ENGINEER
PAPE - DAWSON ENGINEERS INC.
535 E. Ramsey
San Antonio, TX 78216
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Interim Review Document Only:
These documents are incomplete and may not be used for regulatory, approval, permit or construction.

BILLY A. LAWRENCE
TX REG. NO. 10321 7/31/03

JOB NO.: 2000 DRAWN BY: Waterscape
SHEET TITLE & NO.: SCALE: 1/4"=1'

WATER FEATURE #1
NORTH COURT

WS1.02

LEGEND

- SCUPPER
- FOUNTAIN NOZZLE
- BOTTOM INTAKE
- BOTTOM RETURN
- MAIN DRAIN
- SIDE RETURN
- FLOOR EYEBALL
- FILTER RETURN
- WATER INLET
- OVERFLOW
- LEVEL CONTROL BOX
- SIDE DRAIN OVERFLOW
- FILTER RETURN
- BOTTOM DRAIN
- VALVE VAULT
- SKIMMER UNIT
- SUBMERSIBLE LIGHT
- WATER LEVEL SENSOR
- ELECTRICAL JUNCTION BOX
- PUMP VAULT
- CONTROL PANEL
- CENTER OF TREE CONNECTION
- SUCTION LINE
- DRAIN LINE
- DISCHARGE LINE
- FRESH WATER SUPPLY
- ELECTRICAL CONDUIT & WIRING

VAULT DETAILS

BUILT IN PLACE VAULT

FEATURE PUMP - PUREX TRITON PUMP, MODEL CMK-50, HORIZ. END SUCTION, BRONZE FITTED PUMP WITH A 5 HP 240/480V, 3 PHASE MOTOR. CONTINUOUS DUTY RATED FOR 240 GPM AT 60 FT. TDH. AVAILABLE FROM: PENTAR POOL PRODUCTS, MOORPARK, CA. PH# (800) 831-7133

SAND FILTER - MODEL RTR 40, AVAILABLE FROM: PENTAR POOL PRODUCTS, MOORPARK, CA. 800-831-7133

BROMINATOR, MODEL # RBU-500-CF, AVAILABLE FROM: ROMAN FOUNTAINS ALBUQUERQUE, NM, 800-794-1801

SILVER/COPPER IONIZER, MODEL # ROJAG-15, AVAILABLE FROM: ROMAN FOUNTAINS ALBUQUERQUE, NM, 800-794-1801

DISCHARGE MANIFOLD:
4" DISCHARGE TO FOUNTAIN WITH A 4" WATER STYLE BUTTERFLY VALVE, WORM GEAR ACTUATOR WITH HAND WHEEL OPERATOR, NIBCO OR EQUIV.
2" DISCHARGE TO FILTER WITH 2" BRONZE GATE VALVE
2" FROM FILTER TO FILTER RETURNS

SUCTION MANIFOLD:
6" SUCTION FROM BOTTOM INTAKES WITH 6" WATER STYLE BUTTERFLY VALVE, WORM GEAR ACTUATOR WITH HAND WHEEL OPERATOR, NIBCO INC. OR EQUIV. TO PUMP SUCTION
2 1/2" SUCTION FROM SKIMMERS WITH 2 1/2" BRONZE GATE VALVE

PRE-MANUFACTURED VAULT

ROMAN FOUNTAINS MODEL RDP-3-800, AVAILABLE FROM: ROMAN FOUNTAINS, ALBUQUERQUE, NM, 800-794-1801

FILL MANIFOLD SYSTEM WITH SOLENOID VALVE, MODEL # RMS-75, AVAILABLE FROM: ROMAN FOUNTAINS, ALBUQUERQUE, NM. PHONE 800-794-1801.

VAULT HATCH - 4' X 4' CLEAR OPENING WITH ALUMINUM FRAME AND LOCKABLE LEAVES, BILCO TYPE, NO-2, AVAILABLE FROM: BILCO, HOUSTON, TEXAS, (713) 446-7600.

VENT FAN - FRAME MOUNTED MOTOR, CW TOP HORIZ. DISCHARGE, 6" OUTLET FLANGE, RATED FOR CONT. DUTY AT A MIN. OF 450 CFM. CINCINNATI FAN MODEL LMJ TYPE B, 1750 RPM, 1/4 HP, FRAME 56, "C" FACE FRAME MOUNTED MOTOR, CINCINNATI, OH. (513) 573-0600.

SUMP PUMP - PACO PIP 702a, 1/2 HP SUMP PUMP WITH AUTOMATIC FLOAT TYPE LEVEL CONTROL, AVAILABLE FROM PACO PUMPS, BOOKSHIRE, TX, (713) 934-6164.

LADDER & LADDER SAFETY POST - HALLIDAY PRODUCTS, MODEL LID AVAILABLE FROM: HALLIDAY PRODUCTS, ORLANDO, FLORIDA, 407-298-3470

PIPE PENETRATIONS:
3/4" IN FROM C.W.S.
3/4" OUT FROM FILL MANIFOLD TO WATER INLET
3/4" CONDUIT IN FROM WATER LEVEL SENSOR
1" CONDUIT OUT TO POOL LIGHTING
1" CONDUIT OUT TO POOL LIGHTING
2" OUT FROM FILTER
2 1/2" IN FROM SKIMMERS
3" OUT FROM SUMP TO SAN SEWER
4" OUT TO FOUNTAIN
6" IN FROM SUCTION
6" VENT PIPE
6" VENT FAN

A NORTH COURT
SCALE: 1/4" = 1'-0"

WATERSCAPE CONSULTANTS, INC.
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(713) 782-4478, FAX: 782-4496
E-MAIL: Innovations@WaterscapeConsultants.com

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