

CONNECT TO STORM STRUCTURE '1' (INVERT 658.50)
 (SEE CIVIL ENGINEER DRAWINGS)

MATCHLINE: SEE SHEET LA1.12

MATCHLINE: SEE SHEET LA1.30

SUB-SURFACE YARD DRAIN / CLEAN-OUT

CONNECTS TO SECONDARY COURTYARD DRAINAGE NETWORK
 (SEE SHEET LA1.33 - SECONDARY COURTYARD GRADING AND DRAINAGE PLAN)

15" SECONDARY OUTFALL PIPE - CONNECT TO M.E.P. DRAIN STUB FROM EXTERIOR COORDINATE INVERT AT TIE-IN WITH M.E.P.

NOTE:
 FINAL DRAIN PIPE ROUTING TO BE COORDINATED BY CONTRACTOR TO AVOID CONFLICTS WITH STRUCTURAL FOOTINGS, ETC.

GRADING AND DRAINAGE NOTES:

- + POOL DECK MUST SLOPE AWAY FROM POOL AT 2% FOR THE FIRST 4 FT. OF POOL DECK. THE REMAINING POOL DECK SLOPES SHALL BE BETWEEN 0.5% AND 3%.
- + POOL AREA DRAINAGE SHALL OUTFALL TO CIVIL ENGINEER STUB.
- + ALL DRAINAGE SYSTEM COMPONENTS SHALL BE NDS OR APPROVED EQUAL.
- + THERE SHALL BE AN ACCESSIBLE ROUTE FROM THE CLUBHOUSE POOL ENTRANCE, THROUGH THE POOL AREA, AROUND POOL, AND TO ALL OTHER POOL AREA FEATURES THAT SHALL NOT SLOPE OR CROSS SLOPE AT MORE THAN 2% MAX. PER CURRENT STANDARDS.
- + CONTRACTOR TO ENSURE POSITIVE DRAINAGE IN ALL AREAS. NO STANDING WATER.
- + INSTALL DRAINAGE EQUIPMENT PER MANUFACTURER'S DETAILS AND STANDARDS.

GRADING AND DRAINAGE LEGEND:

- SURFACE FLOW DIRECTION
- 9" OR 12" BRASS DECK DRAIN (SEE CHART FOR PIPE)
- 6" ATRIUM GRATE
- 12" YARD DRAIN
- DOWNSPOUT CONNECTION
- SOLID PVC DRAIN PIPE (SEE PLAN FOR SIZES)
- PIPE SIZE
- SPOT ELEVATION
- FLOW DIRECTION OF PIPE AND GRADIENT
- DRAIN IDENTIFICATION SYMBOL
- 4" POOL OFFSET LINE
- CHANNEL DRAIN
- 6" PERFORATED DRAIN PIPE
- SPOT ELEVATION PER CIVIL PLANS

DRAIN NUMBER	SURFACE ELEVATION	INVERT ELEVATION	DRAIN TYPE
P.O.C.	-	659.77	CONNECT TO CIVIL ENGINEER STUB
A1	673.04	664.34	12" YARD DRAIN
A2	670.30	664.32	6" ATRIUM GRATE (GRILL)
A3	670.45	664.29	4" CHANNEL DRAIN CONNECTION
A4	669.75	664.53	6" ATRIUM GRATE
A5	669.82	664.45	6" ATRIUM GRATE
A6	673.06	665.09	4" CHANNEL DRAIN CONNECTION
A7	673.14	665.08	6" ATRIUM GRATE (FIREPIT)
A8	673.06	664.90	4" CHANNEL DRAIN CONNECTION
A9	673.06	664.75	4" CHANNEL DRAIN CONNECTION
A10	669.70	664.71	6" ATRIUM GRATE
A11	668.00	664.86	6" ATRIUM GRATE
A12	668.10	664.96	6" ATRIUM GRATE
A13	668.30	664.94	12" BRASS DECK DRAIN
A14	668.24	664.92	6" ATRIUM GRATE (GRILL)
A15	668.22	665.08	9" BRASS DECK DRAIN
A16	667.80	665.12	6" ATRIUM GRATE
A17	-	665.20	8" SOCK PIPE CONNECTION
A18	668.25	665.75	4" CHANNEL DRAIN CONNECTION
A19	667.65	665.83	6" ATRIUM GRATE
A20	668.25	665.87	4" CHANNEL DRAIN CONNECTION
A21	667.65	665.96	6" ATRIUM GRATE
A22	668.25	665.98	4" CHANNEL DRAIN CONNECTION
A23	667.65	666.07	6" ATRIUM GRATE
A24	668.15	666.22	9" BRASS DECK DRAIN
A25	668.29	666.79	4" CHANNEL DRAIN CONNECTION
A26	668.29	666.46	4" CHANNEL DRAIN CONNECTION
A27	668.29	666.15	4" CHANNEL DRAIN CONNECTION
A28	667.70	666.16	6" ATRIUM GRATE
A29	-	666.14	6" SOCK PIPE CONNECTION
B1	673.04	664.47	12" YARD DRAIN
B2	-	664.47	6" SOCK PIPE CONNECTION
C1	668.15	665.58	6" ATRIUM GRATE
C2	668.15	665.43	6" ATRIUM GRATE
C3	668.15	665.26	6" ATRIUM GRATE
C4	667.90	665.69	6" ATRIUM GRATE
C5	667.90	665.38	6" ATRIUM GRATE
C6	667.90	665.11	6" ATRIUM GRATE
D1	-	664.49	DOWNSPOUT CONNECTION
D2	-	664.59	DOWNSPOUT CONNECTION
D3	-	665.81	DOWNSPOUT CONNECTION
D4	-	665.46	DOWNSPOUT CONNECTION
D5	-	665.65	DOWNSPOUT CONNECTION
D6	-	665.93	DOWNSPOUT CONNECTION

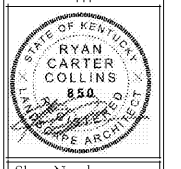
Order

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90% HARDSCAPE PLANS
 POOL AREA GRADING AND DRAINAGE PLAN



Sheet Number:
LA1.24