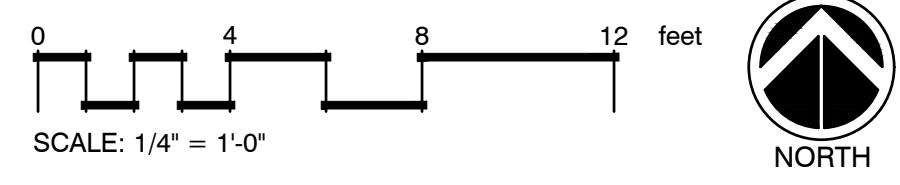


POOL LAYOUT PLAN
SCALE: 1/4" = 1'-0"



NOTE: THIS IS NOT A DIVING POOL

KEY	DETAIL	DESCRIPTION	SHEET
1	ADA ACCESSIBLE POOL LIFT	SPECTRUM AQUATICS ADA ACCESSIBLE POOL LIFT WATER DEPTH SHALL NOT EXCEED 48" AT LIFT LOCATION	2 W106
2	POOL LADDER	BONDED S.R. SMITH SNAP-LOG POOL LADDER	9 W103 & W107
3	SKIMMER	HAYWARD 1082 POOL SKIMMER	5 W107
4	HANDRAIL	HANDRAIL AT POOL STEPS & ENTRY REEF	1, 4 & 8 W103
5	POOL STAIRS	12" DEPTH STAIR TREADS W/ 2" WIDE TILE OF CONTRASTING COLOR AT BOTH VERTICAL AND HORIZONTAL LEADING EDGE OF EA. STEP, TYP.	4 W103
6	ENTRY REEF	POOL ENTRY REEF, PROVIDE 2" TILE OF CONTRASTING COLOR W/ INTERIOR FINISH AT BOTH VERTICAL AND HORIZONTAL LEADING EDGE OF REEF, TYP.	3 W103
7	NO DIVING MARKERS	6"x6" NO DIVING MARKERS AND 6"x6" DEPTH MARKERS (TYP) NON-SKID TILE MARKERS ON TOP OF WALL AND INSIDE FACE OF POOL WALL W/ 4" HIGH BLOCK LETTERS AND NUMBER, IMBED FLUSH W/ POOL DECK	10 W104
8	AUTOMATIC POOL COVER VAULT	COVERSTAR AUTOMATIC POOL COVER VAULT WITH SUPPORT BRACKETS, ALUMINUM RECESSED LID & TRAVERTINE COPING	7 W103 & W107
9	EMERGENCY SHUTOFF	POST MOUNTED EMERGENCY SWIMMING POOL SHUTOFF	4 W106
10	POOL ENCLOSURE FENCE	RE: LANDSCAPE	RE: LANDSCAPE
11	EMERGENCY PHONE	PROVIDE EMERGENCY TELEPHONE AT POOL ENCLOSURE. PROVIDE SIGNAGE WITH PROPERTY ADDRESS AND EMERGENCY SERVICES PHONE NUMBER AT NEXT TO PHONE. SLOPE AWAY FROM POOL AT 1" PER FOOT. SEE LANDSCAPE DRAWINGS FOR GRADING AND SPECIFICATIONS.	-
12	POOL DECK	RE: LANDSCAPE	RE: LANDSCAPE
13	POOL SIGNAGE	PROVIDE SIGNAGE INDICATING POOL RULES, NO LIFEGUARD ON DUTY, AND NO DIVING	-

MATERIAL	DESCRIPTION
COPING	3cm TRAVERTINE COPING
WATERLINE TILE	6"x6" COBALT BLUE WATERLINE TILE
PLASTER	WHITE MARCITE PLASTER
MARKER TILE	2"x2" NON-SKID TILE AT HORIZONTAL & VERTICAL LEADING EDGES OF ALL STEPS - CONTRASTING COLOR TO POOL PLASTER



BATHER LOAD

PER KANSAS CITY, MO HEALTH DEPARTMENT PUBLIC HEALTH RULES & REGULATIONS FOR THE OPERATION & MAINTENANCE OF SWIMMING POOLS & BATHING FACILITIES:

POOL SURFACE AREA > 5' DEPTH @ 30 SF / BATHER = 0
POOL SURFACE AREA < 5' DEPTH @ 15 SF / BATHER = 1,000

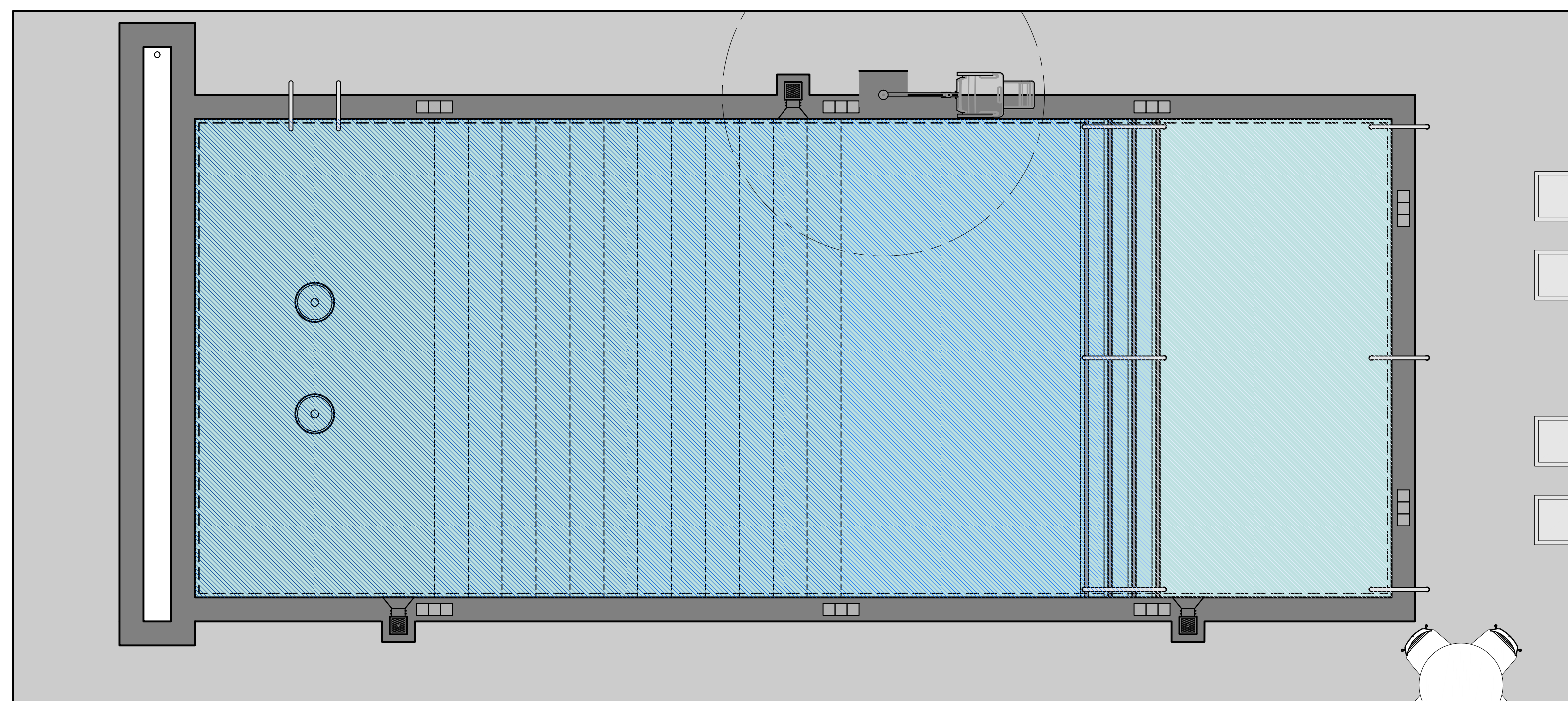
1,000 / 15 = 66 PERSONS SWIMMING POOL BATHER LOAD

POOL CONSTRUCTION NOTES

- ANY METAL WITHIN 5' OF WATERS EDGE SHALL BE BONDED
- POOL DECK SHALL SLOPE AWAY FROM SWIMMING POOL
- POOL ENCLOSURE & GATE TO MEET LOCAL & NATIONAL STANDARDS, PROVIDED BY OTHERS
- ALL ELEVATIONS SHOWN ON THIS SHEET ARE BASED ON AN ASSUMED WATER ELEVATION OF 100.00. SPOT ELEVATIONS DO NOT CORRELATE TO A SURVEY OR ANY BENCHMARK. TRUE WATER AND COPING ELEVATIONS ARE INDICATED ON GRADING PLAN. CONTRACTOR SHALL CORRELATE ASSUMED POOL FLOOR/WATER/COPING ELEVATIONS ON THIS PLAN TO TRUE POOL DECK AND WATER ELEVATIONS SHOWN ON GRADING PLAN IN ORDER TO ACHIEVE THE POOL WATER DEPTHS SHOWN ON THIS PLAN.
- POOL SHELL SHALL BE WATERPROOFED WITH AN APPROVED WATERPROOFING SYSTEM. SUBMIT PRODUCT DATA TO THE ARCHITECT FOR APPROVAL PRIOR TO CONSTRUCTION.

POOL SAFETY NOTES

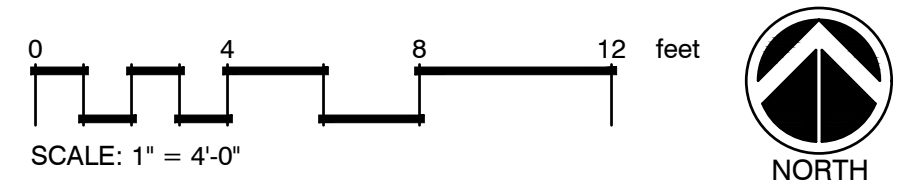
- PROVIDE SHEPHERD'S CROOK. SHEPHERD'S CROOK SHALL BE AFFIXED TO A TELESCOPING POLE WITH ADEQUATE LENGTH TO REACH THE BOTTOM CENTER OF THE POOL
- PROVIDE RING BUOY W/ MINIMUM 30' THROW LINE
- EMERGENCY POOL SHUTOFF TO BE PROVIDED NEAR POOL
- PROVIDE LAND LINE EMERGENCY TELEPHONE WITHIN ENCLOSED POOL AREA ALONG WITH SIGN INDICATING THE LOCATION
- ACCESS TO POOL ENCLOSURE SHALL BE LIMITED TO REGULAR POOL HOURS. THIS INCLUDES RESTRICTING ACCESS FROM DOORS WHICH OPEN TO POOL ENCLOSURE
- SAFETY SIGNAGE ADVISING ON THE DANGER OF DIVING INTO SHALLOW AREAS AND ON THE PREVENTION OF DROWNING SHALL BE PROVIDED
- SIGNS SHALL BE POSITIONED FOR EFFECTIVE VISUAL OBSERVATION BY USERS



POOL WATER DEPTH

- 0' - 6" WATER DEPTH
- 6" - 1'-3" WATER DEPTH
- 1'-3"-2'-0" WATER DEPTH
- 2'-0" - 2'-4" WATER DEPTH
- 2'-4"-3'-6" WATER DEPTH
- 3'-6" - 4'-0" WATER DEPTH
- 4'-0" - 4'-6" WATER DEPTH
- +/- 4'-6" WATER DEPTH

ILLUSTRATIVE WATER DEPTH PLAN
SCALE: 1" = 4'-0"



DOUGLAS STATION
NW SLOAN & NE SYCAMORE ST
LEE'S SUMMIT, MO 64086

REVISION:	CITY COMMENTS	DATE
1		10/27/2025

10/13/2025
POOL PLAN

W001