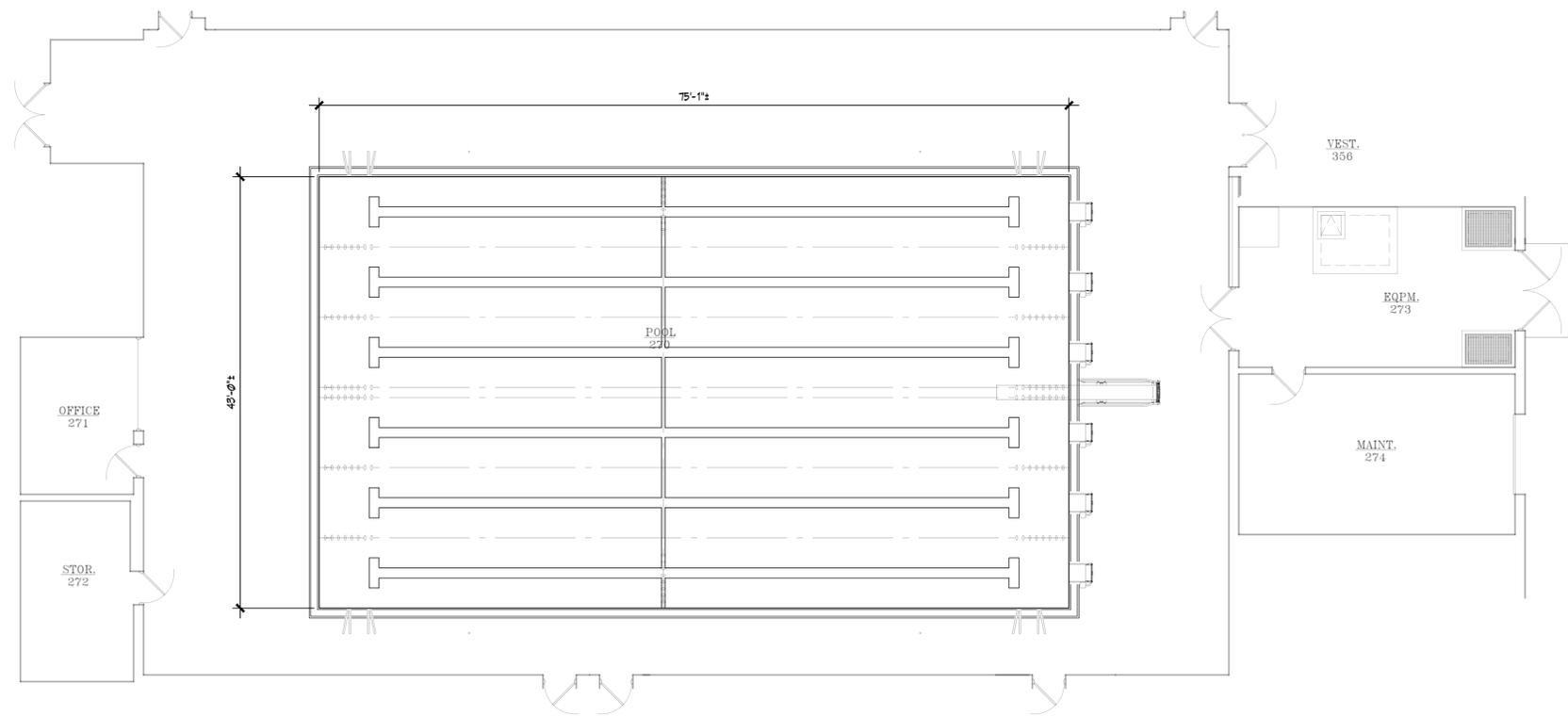


WEST BRANCH - ROSE CITY AREA SCHOOLS OGEMAW HEIGHTS HIGH SCHOOL POOL REFINISHING WEST BRANCH, MICHIGAN



FLOOR PLAN
 SCALE: $\frac{1}{8}'' = 1'-0''$

GENERAL NOTES

POOL WAS CONSTRUCTED IN 2019. POOL VOLUME IS 173,265.7 GALLONS. ALL POOL EQUIPMENT INCLUDING PUMPS, SURGE TANK, FILTRATION AND CONTROLS SYSTEM WERE REPLACED IN 2025.

DIMENSIONS SHOWN ARE BASED ON OWNERS RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY AND BASE BID ON VERIFIED DIMENSIONS.

EXISTING POOL HAS UNDERDRAINS AND A SUMP TO ELIMINATE GROUND WATER FROM POOL EXCAVATION. CONTRACTOR IS RESPONSIBLE FOR MONITORING AND MAINTAINING PROTECTION OF POOL AGAINST DAMAGE FROM HYDROSTATIC PRESSURE DURING CONSTRUCTION. NOTE: POOL WAS DRAINED DURING THE SUMMER OF 2025 FOR COMPLETE REPLACEMENT OF POOL EQUIPMENT. GROUNDWATER PRESSURE RELIEF HOLES WERE DRILLED IN THE POOL SHELL. NO HYDROSTATIC PRESSURE WAS NOTED WHILE THE POOL WAS EMPTY.

WBRC SCHOOL STAFF WILL REMOVE ALL LOOSE FURNITURE AND EQUIPMENT FROM THE SPACE PRIOR TO COMMENCEMENT OF THE WORK OF THIS CONTRACT.

CONTRACT ACCESS TO THE POOL SHALL BE THROUGH EQUIPMENT 273 OR MAINTENANCE 274 ONLY.

POOL WILL BE AVAILABLE TO CONTRACTOR BEGINNING JUNE 15, 2026 THROUGH JULY 31, 2026. CONTRACTOR SHALL COMPLETE WORK NOT LATER THAN JULY 31, 2026.

CONTRACTOR SHALL PROVIDE A (2) YEAR WARRANTY AGAINST DEFECTIVE WORKMANSHIP INCLUDING AGAINST DELAMINATION OF NEW POOL FINISH.

DESCRIPTION OF WORK

DRAIN POOL, MAINTAIN AND PROTECT AGAINST DAMAGE FROM HYDROSTATIC PRESSURE.

ISOLATE AND PROTECT EXISTING FILTRATION AND CHLORINATING SYSTEMS.

REMOVE EXISTING POOL FINISH DOWN TO ORIGINAL SHELL. PROTECT CERAMIC LANE LINES AND WALL LINES TO REMAIN. WATER BLAST ENTIRE POOL SURFACE.

ETCH POOL EXPOSED POOL SHELL TO ENSURE ADHESION OF NEW POOL FINISH.

REMOVE EXISTING DRAINS GRATES PRIOR TO APPLYING NEW FINISH. REINSTALL DRAIN GRATES.

INSPECT STRUCTURAL INTEGRITY OF CONCRETE SHELL AND REPAIR LOCATIONS HAVING EXPOSED REINFORCEMENT OR SIGNS OF RUST. SEE REPAIR SCOPE BELOW.

CHIP AROUND ALL PENETRATIONS (LIGHTS, DRAINS, RETURNS, ETC.) TO FEATHER IN NEW FINISH.

PROTECT EXISTING TILE, GROUT, AND STAINLESS STEEL COMPONENTS, AND ACID WASH POOL SHELL AND NEUTRALIZE AFTER DEMOLITION HAS BEEN COMPLETED FOR A CLEAN SURFACE.

INSTALL POLYSULFIDE SEALANT THAT IS RESISTANT TO CHLORINE UNDER FLANGE AT JUNCTION OF CONCRETE AND GUTTER, AND CONCRETE AND RECESSED WALL STEPS FULL PERIMETER. SEALANT WILL BE INSTALLED AGAINST STAINLESS STEEL AND CONCRETE STRUCTURE TO BE COVERED BY THE NEW FINISH.

APPLY BOND COAT OR SCRATCH COAT PRODUCT TO ENTIRE SHELL TO BOND NEW SURFACE MECHANICALLY AND CHEMICALLY.

APPLY NEW MARCITE FINISH WITH BLUE QUARTZ ADDITIVE ($\frac{3}{8}''$ MINIMUM THICKNESS) TO PREPARED SURFACE. TROWEL SMOOTH.

REFILL POOL.

INSTRUCT WBRC SCHOOL STAFF ON PROPER CARE AND MAINTENANCE OF NEW SURFACE.

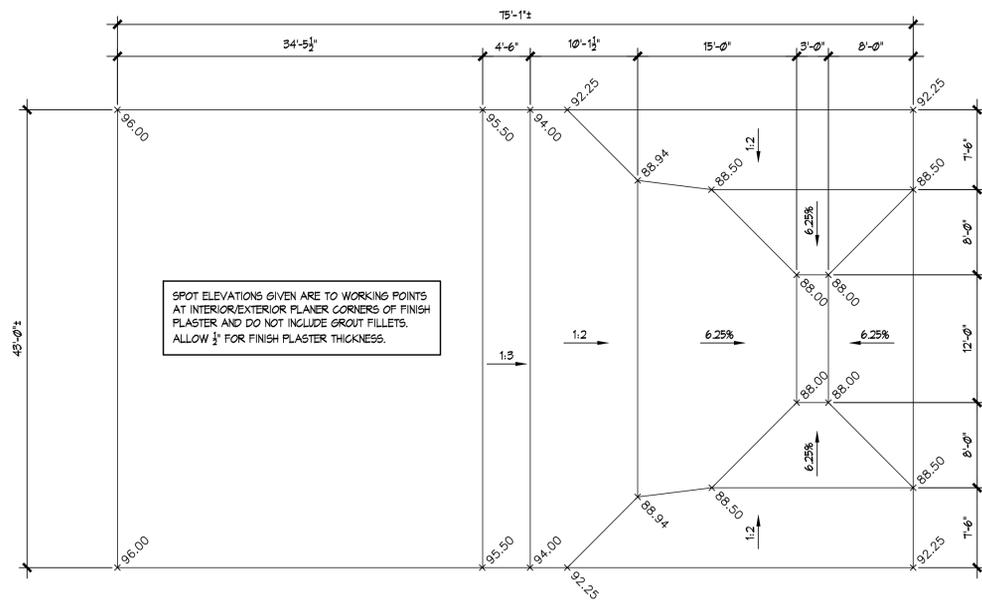
CONCRETE SHELL REPAIR

RUST STAINING WAS DISCOVERED DURING THE 2025 SUMMER WHEN THE POOL WAS EMPTY. INVESTIGATION AND REPAIR OF THAT AREA SHOWED THAT AT THE CONCRETE COVER OVER HORIZONTAL REINFORCING WAS INADEQUATE. THERE ARE OTHER LIMITED AREAS OF STAINING EVIDENT WHICH REQUIRE INVESTIGATION AND PROPER REPAIR IN CONNECTION WITH THIS CONTRACT. CONTRACTOR SHALL INCLUDE AND ALLOWANCE OF \$10,000 IN THE BID FOR REPAIR OF POOL SHELL LOCATIONS HAVING EXPOSED REINFORCEMENT OR SIGNS OF RUST. REIMBURSEMENT OF REPAIR COSTS WILL BE ON A UNIT COST BASIS PER LINEAL FOOT OF REPAIR.

REBAR COATING: LOCATE REINFORCING RUST BLEED THROUGH AND CUT/CHIP TO EXPOSE REINFORCING. COAT REINFORCING WITH EPOXY REINFORCING COATING MATERIAL. PACK VOIDS WITH A HYDRAULIC WATERSTOPPING MATERIAL SPECIFICALLY DESIGNED FOR THIS APPLICATION AND FACE OFF LEVEL WITH POOL SHELL.

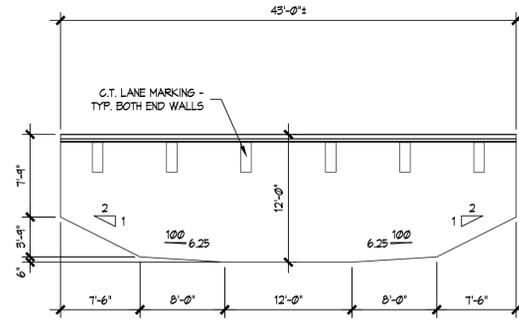
SHELL CRACKING: REMOVE ANY LOOSE CONCRETE AND BLOW OUT CRACK. PACK WITH HYDRAULIC WATERSTOPPING MATERIAL SPECIFICALLY DESIGNED FOR THIS APPLICATION AND FACE OFF LEVEL WITH POOL SHELL.

PREPARE REPAIR SURFACE TO RECEIVE NEW FINISH.



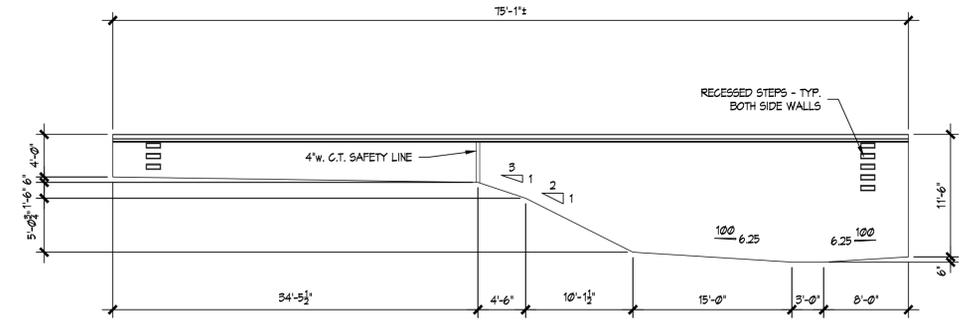
POOL DEPTH DIAGRAM

SCALE: 1/8" = 1'-0"



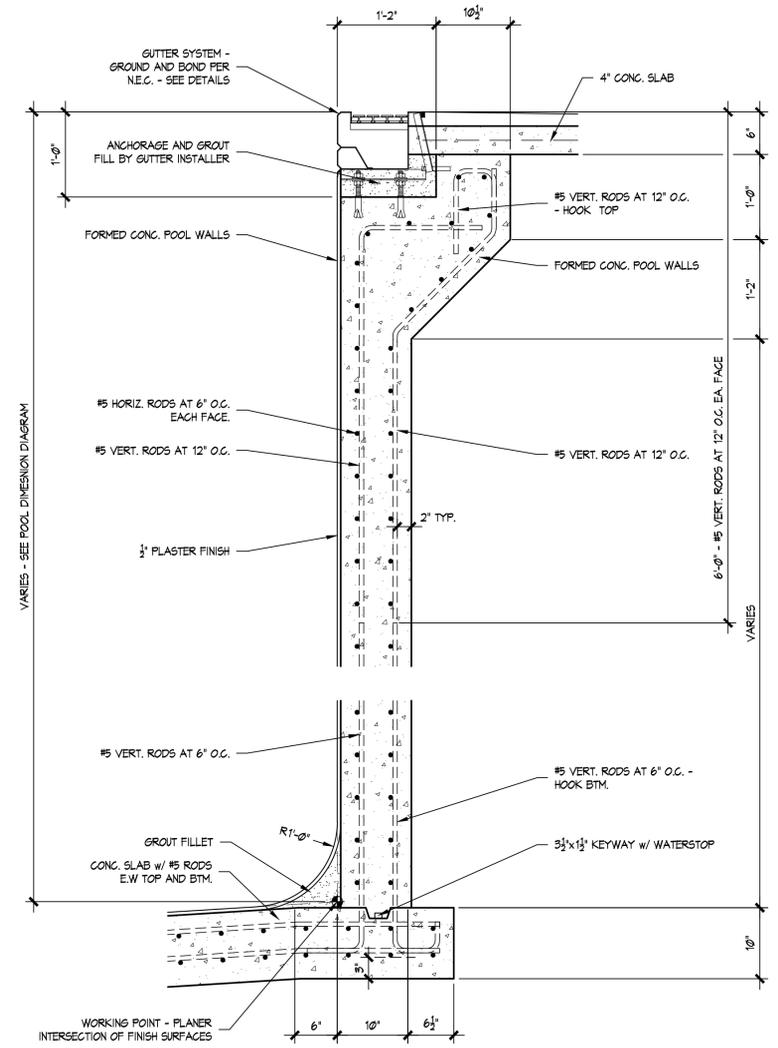
CROSS SECTION

SCALE: 1/8" = 1'-0"



LONGITUDINAL SECTION

SCALE: 1/8" = 1'-0"



TYP. EX'G. WALL DETAIL

SCALE: 1" = 1'-0"