

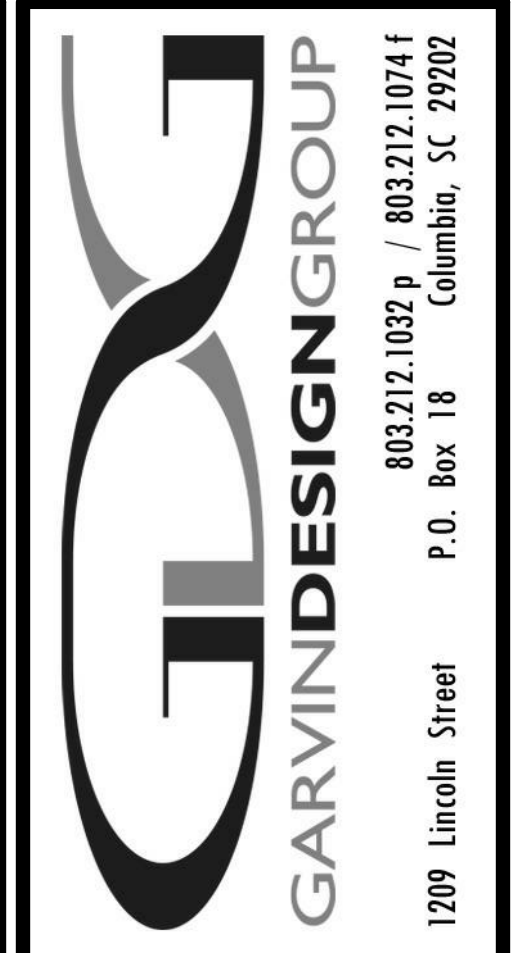
University of South Carolina Blatt Pool Replastering

1300 Wheat Street
Columbia SC 29208

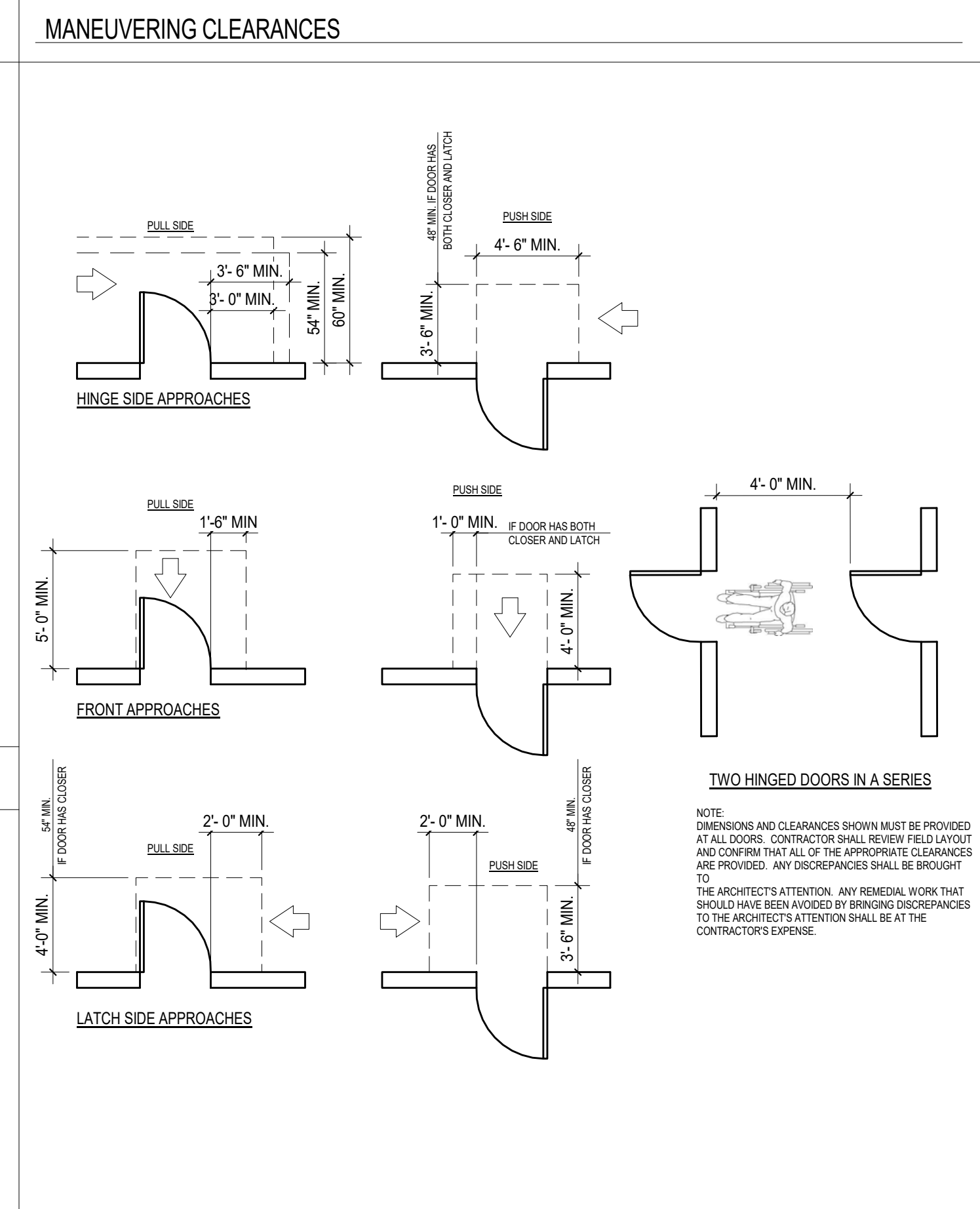
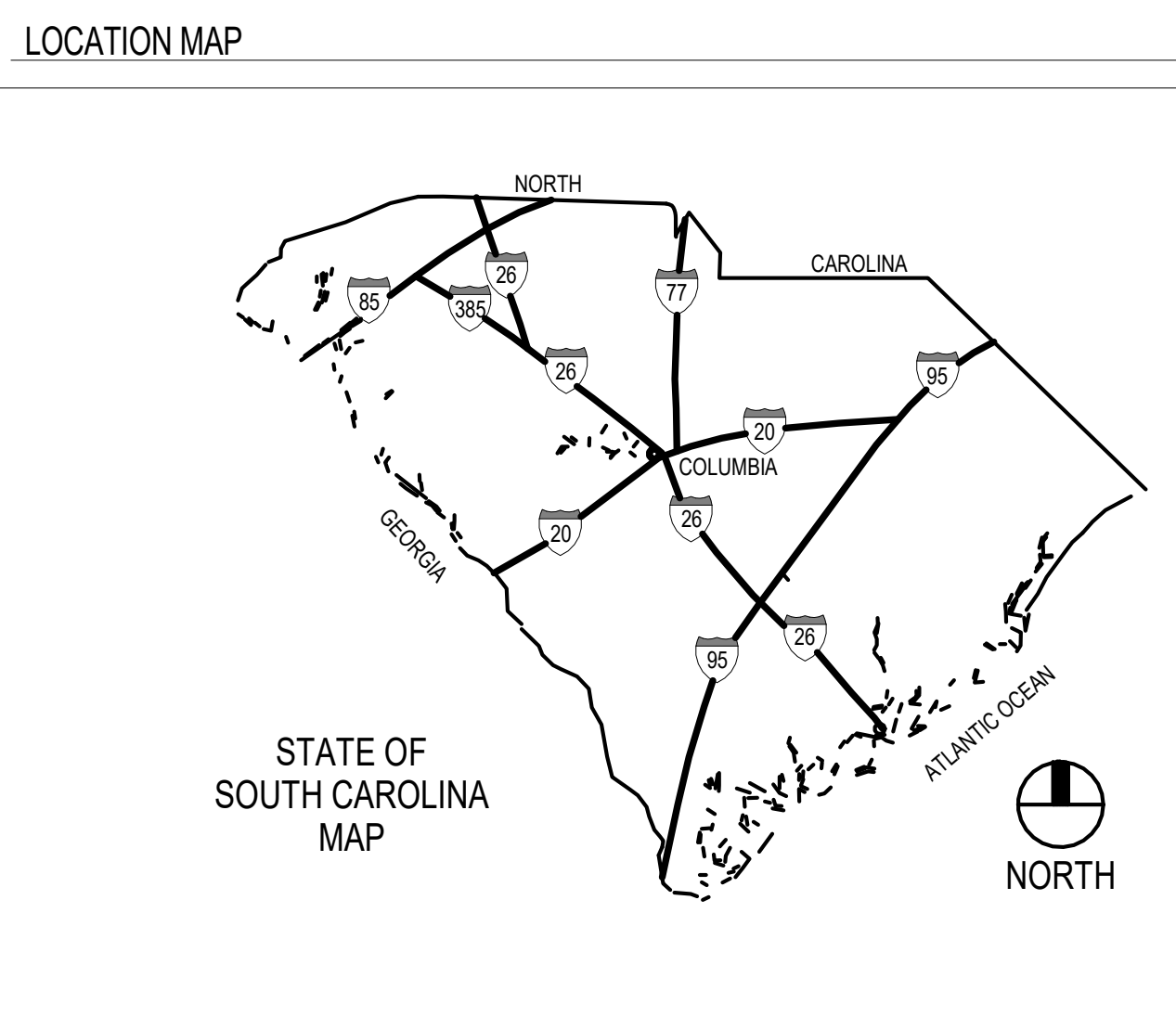
Project Number H27-Z320
Architect's Project Number: U429.16

BID DOCUMENTS

10 April 2017



803.212.1032 p / 803.212.1074 f
Columbia, SC 29902
1209 Lincoln Street
P.O. Box 18



INDEX TO DRAWINGS

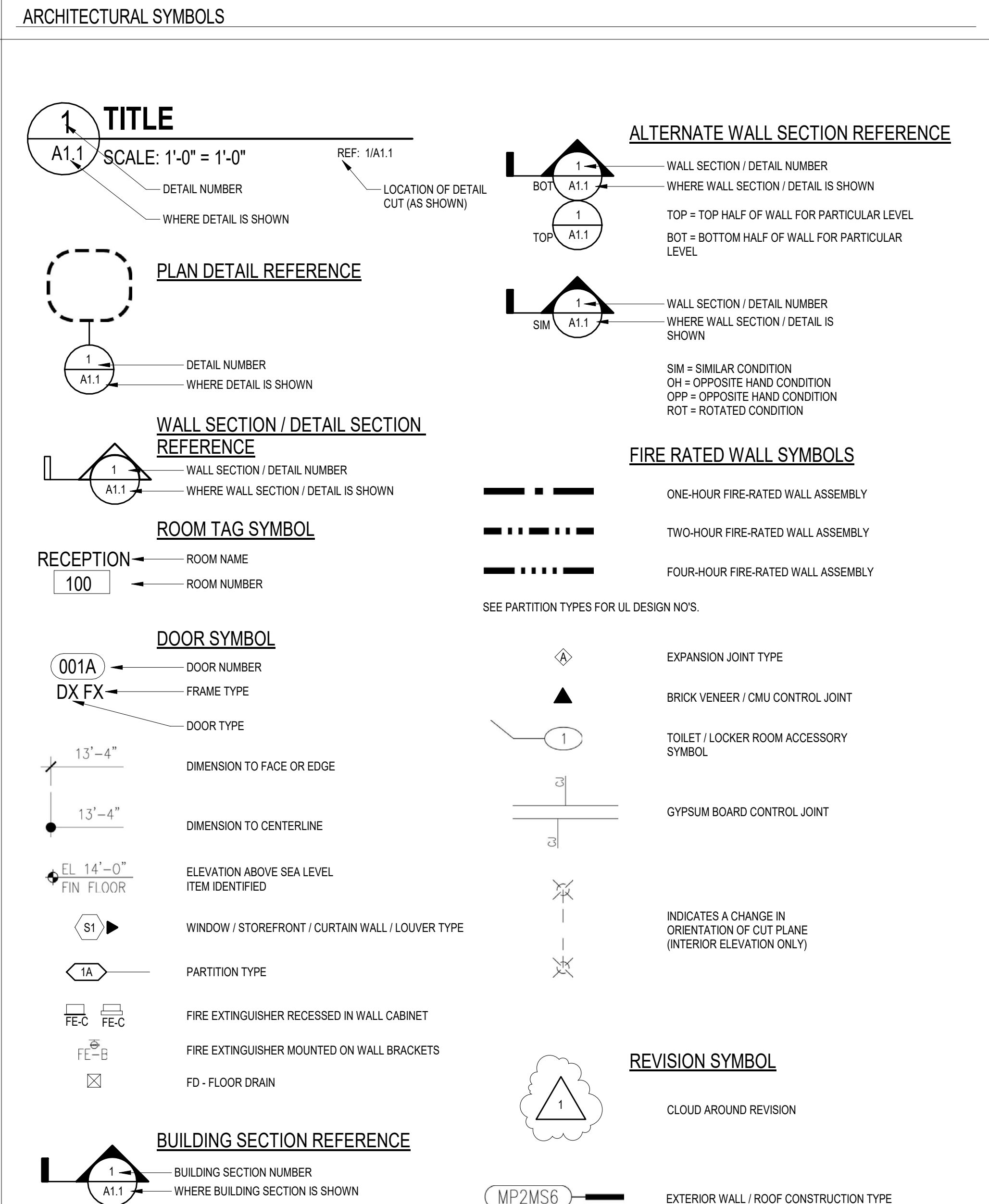
T1.1	TITLE SHEET
DD-1	EXISTING COMPETITION POOL/DIVING POOL DEMOLITION PLAN
CP-1	COMPETITION POOL LAYOUT PLAN
CP-2	COMPETITION POOL/DIVING POOL SECTIONS
CP-3	DETAILS

MATERIAL DESIGNATIONS

	COMPACTED EARTH		WOOD (ROUGH)
	POROUS FILL (STONE OR GRAVEL)		WOOD (FINISHED)
	CONCRETE		PLYWOOD
	CONCRETE MASONRY UNIT (CMU)		BATT INSULATION
	BRICK		GYPSUM BOARD
	SAND, PLASTER, CEMENT, GROUT		RIGID INSULATION
	STEEL		

ABBREVIATIONS

∠	ANGLE
@	ABOVE FINISH FLOOR
ALUM	ALUMINUM
ARCH	ARCHITECTURAL
BULK	BLOCKING
BU	BUILT-UP ROOF
CL	CENTERLINE
CJ	CONTROL JOINT
CLG	CEILING
CTR	CENTER
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONT	CONTINUOUS
DA	DIAMETER
DS	DOWN SPOUT
DWG	DRAWING
EXT	EXTERIOR
EXIST	EXISTING
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
EL	ELEVATION
ELEV	ELEVATOR
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
FIN	FINISH
FD	FLOOR DRAIN
FOF	FACE OF FINISH
FOS	FACE OF STUD
FR	FIRE RETARDANT
FV	FIELD VERIFY
GA	GAUGE
GYP	GYPSUM BOARD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEATING VENTILATION AIR-CONDITIONING
HYAC	INSIDE DIAMETER
ID	INSULATION
INSUL	JOINT
JT	LAVATORY
LAV	MAXIMUM
MAX	MECHANICAL
MECH	MANUFACTURER
MFR	MINIMUM
MIN	MASONRY OPENING
MO	NOT IN CONTRACT
NIC	NOMINAL
NOM	NOT TO SCALE
NTS	ON CENTER
OC	OUTSIDE DIAMETER
OP	OPENING
OPNG	OPPOSITE
OPP	PAINT
P	PAIR
PR	PLATE, PROPERTY LINE
PL	PRESSURE TREATED
PL	RADIUS
PT	REQUIRED
R, RAD	ROOF DRAIN
REQD	ROUGH OPENING
RD	SQUARE FEET
RD	SQUARE FEET
SF	SIMILAR
SIM	SPECIFICATIONS
SPEC	STAINLESS STEEL
SS	STANDARD
STD	STRUCTURAL
STR	SUSPENDED
SUSP	TOP OF STEEL
TOS	TOP OF WALL
TOW	TYPICAL
TYP	UNLESS NOTED OTHERWISE
UNO	VERTICAL
VERT	VINYL COMPOSITION TILE
VCT	WITH
W	WATER CLOSET
WC	WATER RESISTANT
WR	WELDED WIRE FABRIC
WWF	WOOD
WD	WOOD



REVISIONS

NO.	NAME	DATE

PROJECT TITLE
BLATT POOL REPLASTERING

1300 Wheat Street
Columbia, SC 29208

DRAWN BY: _____

CHECKED BY: _____

DATE: _____

DRAWING TITLE
TITLE SHEET

PROJECT NO.
H27-Z320

DATE
04.10.17

DRAWING NO.
T1.1

4/27/2017 1:26:07 PM

DEMOLITION/CONSTRUCTION NOTES

- 1 ADDITIVE ALTERNATE No. 1: REMOVE EXISTING MAIN DRAINS AND DEMO FLOOR TO LIMITS SHOWN AND PROVIDE NEW VGBA CERTIFIED MAIN DRAIN ASSEMBLIES. CARE IS TO BE TAKEN DURING POOL DRAIN DOWN TO RELIEVE ANY HYDROSTATIC PRESSURE THROUGH EXISTING HYDROSTATIC RELIEF VALVES AND DRAINING THE POOL SLOWLY.
- 2 REMOVE AND REPLACE EXISTING LANE LINE TILE AND END WALL TARGET TILE. REMOVE EXISTING EXPANSION JOINT MASTIK AND CAULKING AND REPLACE WITH NEW PER SPECIFICATIONS.
- 3 ADDITIVE ALTERNATE No. 2: REMOVE AND REPLACE WALL INLET RETURN PIPING INSIDE GUTTER FIELD. VERIFY SIZE AND NUMBER OF INLETS TO BE REPLACED. CONTRACTOR SHALL TAKE CARE IN NOT DAMAGING EXISTING GUTTER ASSEMBLY AND INLET LOCATIONS. CONTRACTOR SHALL CONNECT NEW GUTTER INLET PIPING TO EXISTING POINT OF CONNECTION LOCATED FROM PUMP RETURN TO POOL.
- 4 THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH OTHER TRADES, AND SHALL PROTECT ALL EXISTING WORK BUILDINGS, UTILITIES, ETC. TO REMAIN. IDENTIFY AND LOCATE ALL EXISTING UNDERGROUND UTILITIES WITH OWNER PRIOR TO CONSTRUCTION AND PROVIDE PROTECTION AS REQUIRED FOR RENOVATION OF SWIMMING POOLS.
- 5 THE CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED ITEMS DUE TO DEMOLITION AND/OR CONSTRUCTION, AT NOT COST TO THE OWNER INCLUDING: FITTINGS, GRATES AND PIPING, ETC.
- 6 COORDINATE INGRESS/EGRESS AND HAUL ROUTES WITH THE OWNER PRIOR TO START OF WORK.
- 7 COMPETITION AND DIVING POOL PLAN VIEWS AND SECTIONS ARE SHOWN FOR CONTRACTOR INFORMATION AND ASSISTANCE. THE CONTRACTOR IS RESPONSIBLE FOR INDIVIDUAL SQUARE FOOTAGE TAKE-OFFS AND ESTIMATIONS WITH REGARD TO DEMOLITION, PREPARATION, AS WELL AS MEANS AND METHODS OF CONSTRUCTION. CONTRACTOR SHALL VISIT THE SITE AS REQUIRED TO ACCOMPLISH THE WORK AND TO BECOME FAMILIAR WITH SCOPE AND SERVICES OF WORK REQUIRED.
- 8 REMOVE EXISTING COMPETITION AND DIVING POOL PLASTER FINISHES, DOWN TO EXISTING SOUND BROWN COAT. ANY CRACKS SHALL BE CHIFFED OUT TO A MINIMUM TO 3/4" X 3/4" AND THEN FILLED FLUSH WITH NON-SHRINK GROUT. ALL EXPOSED REBAR, RUST SPOTS, ETC. SHALL BE EXPOSED, BUSHED DOWN 1/4" BELOW FINISH SURFACE, ZINC COATED AND FILLED FLUSH WITH NON-SHRINK GROUT. ANY OTHER IMPERFECTIONS IN THE POOL SHELL SHALL BE REPAIRED PRIOR TO INSTALLING A NEW WHITE PLASTER FINISH.

- 9 COORDINATE PROPOSED CONTRACTOR STAGING AREA WITH THE OWNER PRIOR TO CONSTRUCTION. PROVIDE TEMPORARY PHONE, TOILET(S), FENCING, GATES, ETC. AS REQUIRED.
- 10 PROVIDE COMPETITION AND DIVING POOL TILE AND PLASTER PER PLANS. REPLACE ANY DAMAGED POOL FITTINGS, GRATES, ROPE ANCHORS LOST DURING DEMOLITION/CONSTRUCTION ETC. AS REQUIRED.
- 11 RELOCATE BULKHEAD AS REQUIRED FOR DEMOLITION AND REPLASTERING OF SWIMMING POOL.
- 12 EXISTING BULKHEAD LOCATIONS ARE SHOWN. CONTRACTOR SHALL PROTECT EXISTING BULKHEAD ANCHORING SLEEVES.
- 13 THE CONTRACTOR SHALL INSURE THAT ALL SURFACES ARE PREPARED TO RECEIVE PLASTER FINISH.
- 14 THE CONTRACTOR SHALL PROVIDE A SUFFICIENT NUMBER OF WORKERS TO INSURE THAT THE ENTIRE POOL CAN BE PLASTERED IN A SINGLE DAY OR SHALL PROVIDE CONTINUAL MISTING OF PLASTERED SURFACES TO INSURE THAT PLASTER IS NOT EXPOSED TO THE AIR FOR A PERIOD OF TIME WHICH WOULD CAUSE DAMAGE IN ANY WAY.
- 15 THE OWNER SHALL IDENTIFY THE COMPETITION AND DIVING POOL FILL WATER SOURCE FROM CLOSEST FIRE HYDRANT AND SHALL PAY FOR THE WATER TO FILL THE POOLS. THE CONTRACTOR IS RESPONSIBLE FOR FIRE HOSE, HOSES, FILLING AND PROTECTION OF PLASTER SURFACES. FILL SOURCE SHALL BE BLOW-OFF INITIALLY TO PROVIDE A CLEAN DOMESTIC WATER SOURCE. THE CONTRACTOR SHALL PROVIDE CONTINUOUS FILL UNTIL THE WATER IS AT OPERATIONAL LEVEL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND BALANCING OF THE POOL WATER FOR A PERIOD OF NOT LESS THAN SEVEN (7) DAYS AFTER PLASTER. THE CONTRACTOR SHALL COORDINATE HIS EFFORTS WITH OWNER'S STAFF TO PROVIDE INSTRUCTION AND TRAINING IN PROPER OPERATION OF POOL IN CONJUNCTION WITH NEW PLASTER SURFACES.
- 16 REMOVE AND REPLACE EXISTING DIVING POOL HYDROSTATIC RELIEF VALVES IN MAIN DRAINS AND SHALL PROVIDE AND INSTALL NEW VGBA CERTIFIED MAIN DRAIN GRATES.
- 17 EXISTING DIVING POOL OBSERVATION WINDOW SHALL BE PROTECTED DURING DEMOLITION AND SHALL REMAIN IN USE WITH NEW PLASTER. THE WINDOW DOES NOT CURRENTLY LEAK.
- 18 CLEAN STAINLESS STEEL GUTTER (BASE BID). CONTRACTOR TO PROVIDE OWNER A PRICE PER LINEAR FOOT OF ANY DAMAGED GUTTER GRATES AND REPLACE TO MATCH EXISTING.
- 19 NOT USED.
- 20 REMOVE EXISTING ANCHORS IN DIVE POOL FLOOR AND FILL IN VOIDS WITH NON-SHRINK NON-FERROUS GROUT PRIOR TO PLASTERING. FOUR (4) TOTAL.

NOTE:
THE OWNER SHALL PERFORM SELECTED REPAIR WORK WITHIN THE POOLS DURING CONSTRUCTION, INCLUDING REPAIR OF EXISTING ROPE ANCHORS. THE CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.

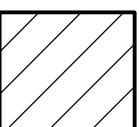
(E) COMPETITION POOL DATA

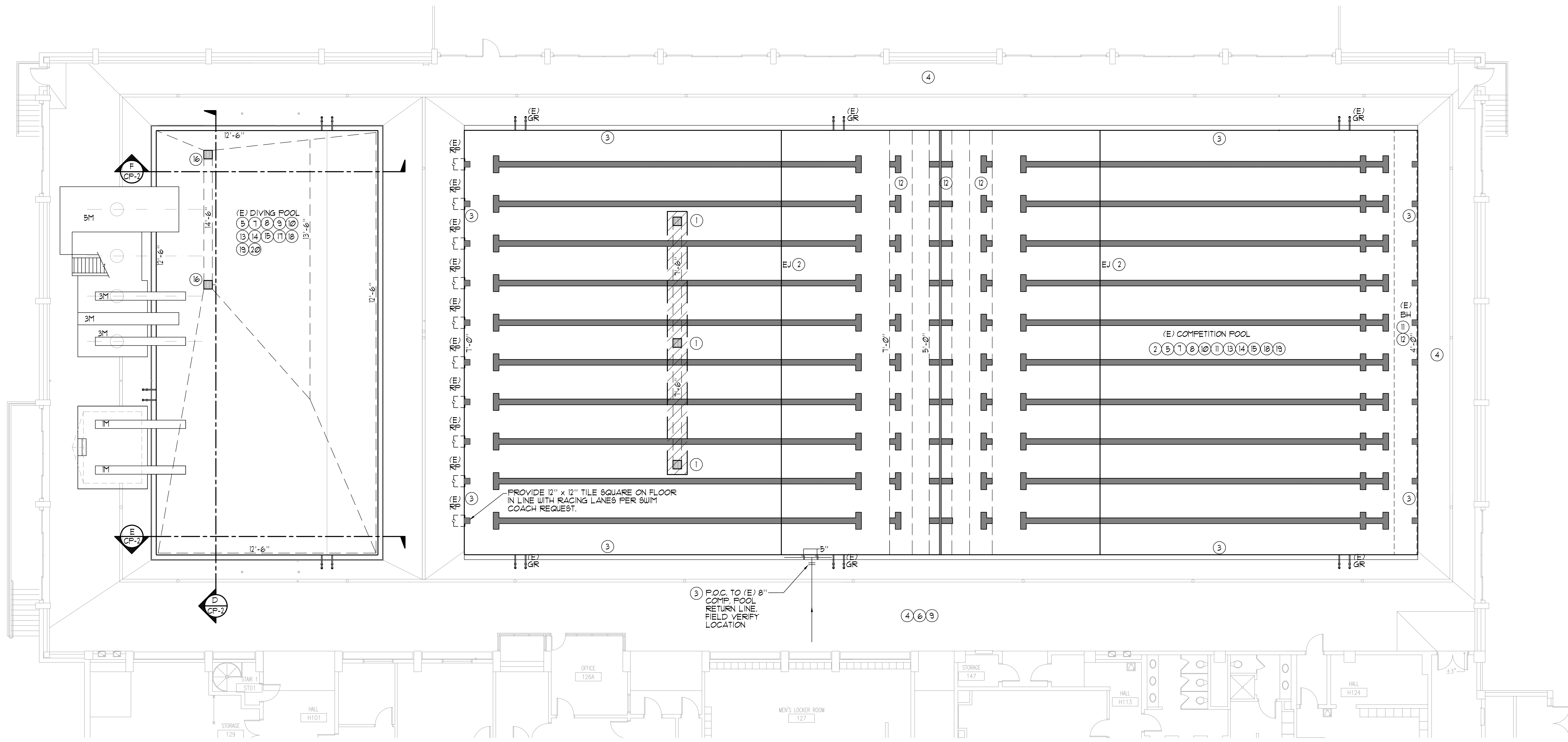
SURFACE AREA	=	12,635 SQ. FT.
PERIMETER	=	486 FT.
DEPTHS	=	4'-0" TO 1'-6"
VOLUME	=	546,441 GAL.
6 HR TURNOVER	=	1510 GPM

(E) DIVING POOL DATA

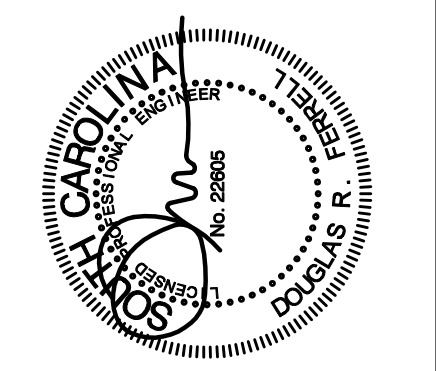
SURFACE AREA	=	2,940 SQ. FT.
PERIMETER	=	228 FT.
DEPTHS	=	12'-6" TO 14'-6"
VOLUME	=	291,172 GAL.
6 HR TURNOVER	=	810 GPM

LEGEND

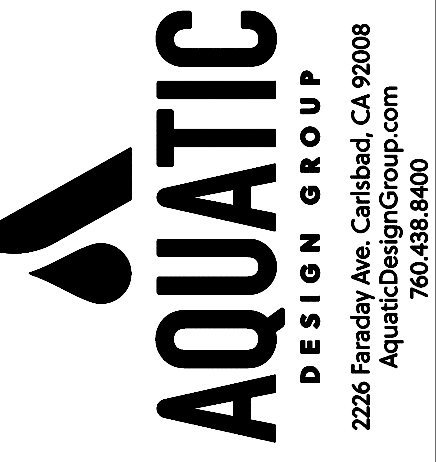
	=	LIMITS OF REMOVAL	1M	=	ONE METER DIVE STAND
MD	=	MAIN DRAIN	3M	=	THREE METER DIVE STAND
GR	=	GRABRAIL	5M	=	FIVE METER PLATFORM
RP	=	RACING PLATFORM			
(E)	=	EXISTING			
BH	=	BULKHEAD			
EJ	=	EXPANSION JOINT			



EXISTING COMPETITION POOL / DIVING POOL DEMOLITION PLAN 1/8" = 1'-0"



PROJECT TITLE
BLATT POOL
REPLASTERING
1300 Wheat Street
Columbia, SC 29208



DRAWN BY: CSF
CHECKED BY: SJF

DRAWING TITLE
EXISTING COMPETITION
POOL / DIVING POOL
DEMOLITION PLAN

PROJECT NO. 197-2320
DATE 04.16.17
DRAWING NO. DD-1



(E) COMPETITION POOL DATA

SURFACE AREA	=	12,635 SQ. FT.
PERIMETER	=	406 FT.
DEPTHS	=	4'-0" TO 1'-6"
VOLUME	=	546,441 GAL.
6 HR TURNOVER	=	1510 GPM

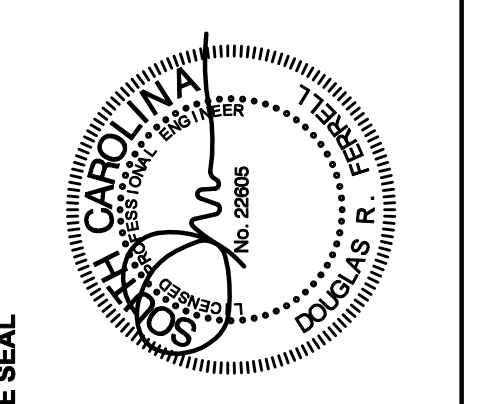
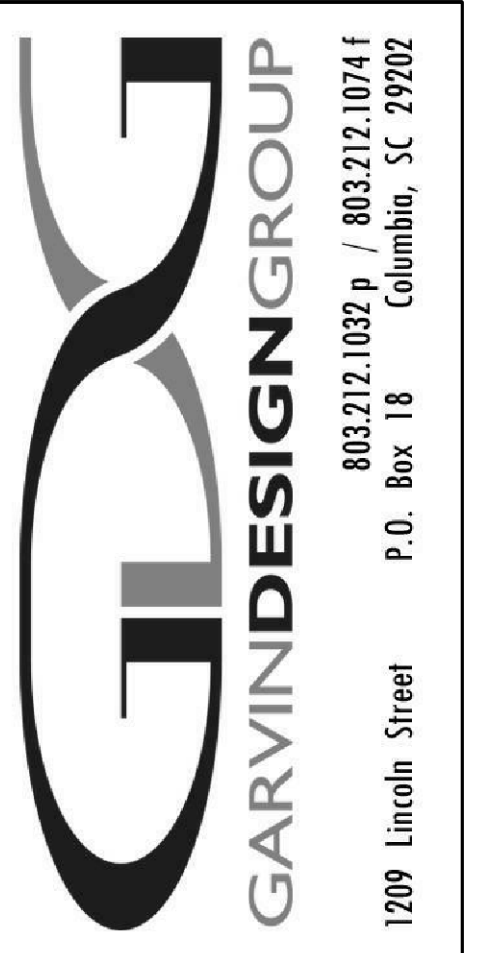
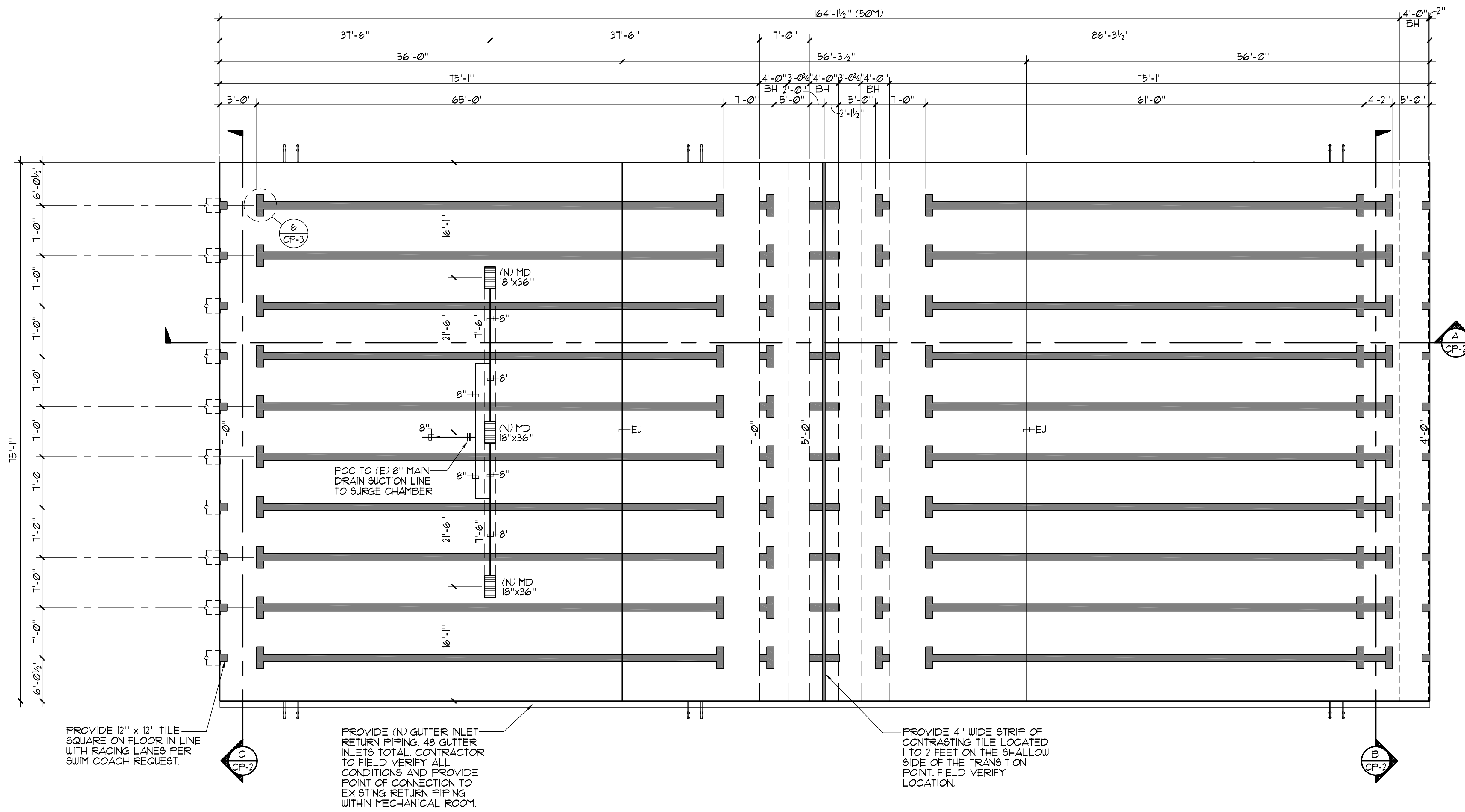
LAYOUT, SECTIONS AND DATA PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.

LEGEND

* MD	=	MAIN DRAIN	
EJ	=	EXPANSION JOINT	
(N)	=	NEW	
BH	=	BULKHEAD	

CERTIFICATION REQUIREMENTS

* CONTRACTOR SHALL RETAIN A LICENSED ENGINEER TO CERTIFY THE MAIN DRAIN SYSTEMS AS V.G.B. COMPLIANT.



PROJECT TITLE
BLATT POOL REPLASTERING
 1300 Wheat Street
 Columbia, SC 29208



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DRAWING TITLE
COMPETITION POOL LAYOUT PLAN

PROJECT NO. 1972320
DATE 04.16.17
DRAWING NO. CP-1



COMPETITION POOL LAYOUT PLAN 1/8" = 1'-0"

