

POOL AREA KEY NOTES

- 1 Pool deck and gutter grating ~ See Detail A-SP-PM2
- 2 Provide PVC main drain VGB grating ~ Contractor shall verify size ~ Provide S.S. mounting hardware per mfr. ~ Provide PVC baffle ~ See Detail B-SP-PM2
- 3 Pool wall construction joint ~ See Detail C-SP-PM2
- 4 Pool floor construction joint ~ See Detail D-SP-PM2
- 5 Pool floor/wall at existing pool floor/wall joint ~ See Detail E-SP-PM2
- 6 Pool floor repair at pipe replacement ~ See Detail F-SP-PM2
- 7 Existing pool construction joints (floor and wall) shall be filled with crystalline repair material ~ Grind existing joints to be clean and minimum 3/4" wide x 1/2" deep
- 8 Pool wall at existing pool floor ~ See Detail G-SP-PM3
- 9 Intermediate pool wall ~ See Detail G-SP-PM3
- 10 Shallow pool wall ~ See Detail G-SP-PM3
- 11 Zero depth entry pool wall ~ See Detail G-SP-PM3
- 12 Buoy line cup anchor ~ See Detail G-SP-PM3
- 13 Buoy line
- 14 Existing wall anchor
- 15 Reinstall existing buoy line
- 16 Gutter grating ~ See Detail G-SP-PM3
- 17 Ceramic deck marker ~ See Details A-SP-PM2 and G-SP-PM3 and Legend on Sheet SP-P0
- 18 Pool and gutter wall zero depth transition ~ See Detail H-SP-PM4
- 19 Buoy line float and anchor ~ See Detail I-SP-PM4
- 20 Floor inlet ~ See Detail J-SP-PM4
- 21 "Underwater Bubbler" ~ See Detail K-SP-PM4
- 22 "Hollow log" toddler slide with 24" x 48" pool bottom safety pad ~ See Detail L-SP-PM4 ~ Toddler slide discharge shall extend over pool wall and gutter profile and discharge into pool ~ Provide separate spray nozzles on each side, at top of slide, to spray into pool
- 23 Provide access hatch in slide and ball valves for throttling each water flow
- 24 Pool wall sump ~ See Detail M-SP-PM4
- 25a Pump suction air break riser pipe ~ Extend above grade and provide gooseneck fittings ~ See Detail O-SP-PM4
- 25b Pump pit drain pipe ~ See Detail O-SP-PM4
- 25c Area drain and piping ~ See Civil Sheets
- 25a Pump pit ventilation intake ~ Extend above grade and provide gooseneck fittings ~ See Detail O-SP-PM4
- 25e Pump pit ventilation exhaust ~ Extend above grade and provide gooseneck fittings ~ See Detail O-SP-PM4
- 26 Pump pit ~ See Detail O-SP-PM4 ~ See Section D-SP-P3 for subgrade
- 27 Open body water slide
- 28 Slide stairs with lockable gate
- 29 Open body water slide footings per mfr. ~ Subgrade requirements per slide mfr.
- 30 Water bench ~ See Detail P-SP-PM5
- 31 Sunshade ~ 16'-0" hexagon, dynamic tension, (1) post ~ See Detail P-SP-PM5
- 32 Existing sunshade
- 33a Sunshade ~ 16'-0" hexagon, dynamic tension, (1) post ~ See Detail Q-SP-PM5
- 33b Sunshade ~ Approx. 32' x 35', dynamic tension, multi-layer, 8'-0" height min., 16'-0" height max., (6) post, ~ See Detail Q-SP-PM5
- 34 Wedge anchors and ladder (3 step) ~ See Detail R-SP-PM5
- 35 Wedge anchors and ladder (4 step) ~ See Detail R-SP-PM5
- 36 Volleyball net and stanchions with slip anchors ~ Stanchion post in pool floor shall be 7'-6" + 6" embed = 8'-0" ~ See Detail I-SP-PM4 similar ~ See Section D-SP-P3 for eyerings for buoy lines ~ Stanchion post in pool deck shall be 3'-10" + 6" embed = 4'-4" (24" setback) ~ See Detail R-SP-PM5
- 37 Anchors and basketball goal (30" setback) ~ See Detail R-SP-PM5
- 38 Wedge anchors and ADA ramp handrails ~ See Detail R-SP-PM5
- 39 ADA ramp handrails ~ See Detail D-SP-P3
- 40 Existing portable ADA lift provided by Owner (N.I.C.) ~ Contractor shall provide "Secure-It-Kit" deck anchor
- 41a 3/4 meter diving stand and board ~ Provide 3'-0" overhang
- 41b Diving stand slab ~ 12" thick concrete with #5 @ 12" E.W. top mat only
- 42a Anchors and starting platforms (30" min. setback) ~ See Detail R-SP-PM5 ~ Thicken slab per mfr.
- 42b Anchors only for starting platform teaching (30" min. setback) ~ See Detail R-SP-PM5 ~ Thicken slab per mfr.
- 42c Anchors only for starting platform storage (30" min. setback) ~ See Detail R-SP-PM5
- 42d Slip anchors and racing line stanchion posts (36" setback) ~ See Detail R-SP-PM5
- 42e Backstroke pennant and cable
- 43 Pool deck ~ See Civil Sheets
- 44 Pool deck drain ~ See Civil Sheets
- 45 Artificial turf deck ~ See Civil Sheets
- 46 Landscape ~ See Civil Sheets
- 47 Wall seat ~ See Civil Sheets
- 48 Trellis structure ~ See Civil Sheets
- 49 Existing deck
- 50 Existing main drain pipe below deck shall be replaced and size increased
- 51a Existing main drain pipe below pool shall be replaced and size increased
- 51b Connect new main drain pipe to existing drain pipe into drain pit ~ Existing drain pipe shall be in-situ lined
- 52 Existing gutter pipe below deck shall be replaced and size increased
- 53 Existing gutter pipe in pool wall shall be in replaced and sized increase
- 54 Existing recirc pipe below deck and into filter area shall be replaced
- 55 Existing recirc pipe in pool wall shall be in-situ lined
- 56 All piping shall drain by gravity
- 57a Chain link fence 6'-0" tall ~ See Detail S-SP-PM6
- 57b Mow strip ~ See Detail S-SP-PM6
- 57c 8'-0" Wide chain link fence double gate (egress) ~ See Detail S-SP-PM6
- 57d 8'-0" Wide chain link fence double gate (maintenance) ~ See Detail S-SP-PM6
- 57e Exit hardware with exit sign ~ See Detail S-SP-PM6
- 57f Self-closing gate hinges ~ See Detail S-SP-PM6
- 57g Privacy slats in fence around filter area ~ See Detail S-SP-PM6
- 57h Existing fence
- 58 Pool finish ~ See Detail T-SP-PM6 ~ Existing pool shall be sandblasted to bare concrete
- 59 4" Black stripe at main drain ~ See Detail T-SP-PM6
- 60 4" Black stripe at 5'-0" water depth, floor and walls ~ See Detail T-SP-PM6
- 61 Filter area ~ See Sheet SP-F1
- 62 Backwash drain pipe connect to existing
- 63 Existing light pole shall be protected ~ Contractor shall verify location of existing conduit and conductors and protect to maintain a working system
- 64 Existing sidewalk
- 65 Existing utilities ~ See Civil Sheets
- 66 Existing power pole shall be relocated ~ See Civil Sheets and Electrical Sheets
- 67 Existing bathhouse

ABBREVIATIONS

&	And
At	At
°	Degree
Ø	Diameter
'	Feet
"	Inches
#	Number
W/	With
W/o	Without
ACI	American Concrete Institute
Add.	Additional
A.F.F	Above finish floor
Approx.	Approximately
Arch.	Architectural
BFV	Butterfly valve
Bldg.	Building
BM	Benchmark
Clr.	Clear
CMU	Concrete masonry unit
Ctr.	Center
Det.	Detail
Dia.	Diameter
Diag.	Diagonal
Dim.	Dimension
DIP	Ductile iron pipe
E.F.	Each face
E.W.	Each way
Ea.	Each
El.	Elevation or elbow
Elec.	Electrical
Eq.	Equal
Exp.	Expansion
Fipt	Female iron pipe thread
FRP	Fiberglass reinforced plastic
Ft.	Feet
Galv.	Galvanized
GPM	Gallons per minute
H.C.	Handicap
Hi.	High
HOA	Hand Off Automatic
Horiz./H.	Horizontal
HSS	Hollow steel section
I.D.	Inside diameter
Inv. El.	Invert elevation
Jt.	Joint
La.	Low
Long.	Longitudinal
Max. Mfr./Mfr.	Maximum Manufacturer
Min.	Minimum
Misc.	Miscellaneous
NEC	National Electrical Code
NEMA	National Electrical Manufacturers Association
N.I.C.	Not in contract
N.T.S.	Not to scale
O.C.	On center
O.D.	Outside diameter
Pl.	Plate
PSI	Pounds per square inch
PVC	Polyvinyl chloride
R	Radius
Rad.	Radius
RCP	Reinforced concrete pipe
Rebar	Reinforcing
Recirc.	Recirculation
Ref.	Reference
Reinf.	Reinforcing
Req'd	Required
S.S.	Stainless steel
Sch	Schedule
SDR	Standard dimension ratio
S.F.	Square feet
Soa	Socket
Sq.	Square
Struct.	Structural
T&B	Top and bottom
TDH	Total dynamic head
Thru	Through
Thus	Typical
Trans.	Transverse
Typ.	Typical
Vert./V.	Vertical

POOL SURFACE AREA DATA

Shallow Area	1472 S.F.
Plunge Area	352 S.F.
Lap Area	2976 S.F.
Diving Area	1138 S.F.
<b>Total Pool Surface Area</b>	<b>5938 S.F.</b>
Pool Perimeter	448 L.F.
Concrete Deck Area	17,096 S.F.
Artificial Turf Deck Area	4,261 S.F.

POOL VOLUME DATA

Shallow Area	18,610 Gallons
Plunge Area	5,870 Gallons
Lap Area	85,040 Gallons
Diving Area	68,100 Gallons
<b>Total Pool Volume</b>	<b>185,620 Gallons</b>

POOL RECIRC. RATE DATA

<b>Total Pool Recirc. Rate</b>	<b>600 GPM</b>
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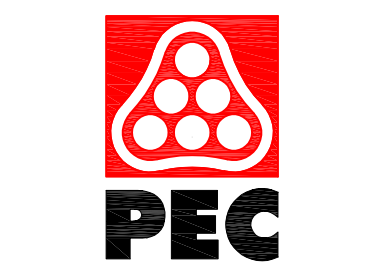
"CERAMIC TILE" DEPTH/WARNING MARKERS

- Ceramic tiles shall be imbedded flush into concrete pool deck
- Depth markers shall be located at 20'-0" O.C. max. spacing (Depth markers on vertical wall - if req'd - shall be located as indicated on plan)
- No Diving markers shall be located at 25'-0" O.C. max. spacing
- Contractor shall verify location of depth markers at proper water depth
- Do not saw cut thru ceramic tiles ~ Saw cuts shall be 6" min. from ceramic tile edge
- Depth/warning markers on deck shall be placed to be read from deck (not from pool)

A	0"
B	6"
C	1'0"
D	2'0"
E	2'6"
F	3'0"
G	3'6"
H	4'0"
I	4'6"
J	4'9"
K	5'0"
L	7'0"
M	MAX. DEPTH 11'0"
N	No Diving
O	(25 meter backstroke stanchion marker)

SYMBOLS

	Construction Joint
	Expansion Joint
	Isolation Joint
	Saw Cut
	Valley / Ridge Line
Detail	Detail Callout Detail Name Detail Scale Detail Letter Sheet
Section Cut	Section Cut
Depth/warning marker or note	A



WICHITA, KANSAS  
Pool Improvements  
HARVEST PARK



Jeff Bartley - ENGINEER  
LICENSE #15116  
Date: 08-14-20 Job #: 18-512

Drawn: SRS Checked: JAB

Issue: CONSTRUCTION DOCUMENTS

POOL AREA  
KEY NOTES  
AND  
DATA

SP-P0