

NODE POINT MEASUREMENTS

C-D= 14'-5"
C-E= 22'-3"
C-F= 18'-10"
C-G= 18'-0"
C-H= 26'-5"
C-I= 16'-10"
C-J= 29'-1"
C-K= 25'-2"
C-L= 5'-0"
C-M= 5'-8"
C-N= 7'-4"

D-E= 8'-0"
D-F= 9'-7"
D-G= 18'-11"
D-H= 12'-10"
D-I= 17'-2"
D-J= 15'-0"
D-K= 16'-3"
D-L= 19'-4"
D-M= 13'-8"
D-N= 15'-1"

E-F= 9'-4"
E-G= 22'-0"
E-H= 8'-10"
E-I= 23'-4"
E-J= 7'-0"
E-K= 13'-5"
E-L= 27'-1"
E-M= 20'-8"
E-N= 21'-8"

F-G= 12'-10"
F-H= 18'-0"
F-I= 26'-7"
F-J= 13'-5"
F-K= 7'-0"
F-L= 22'-10"
F-M= 15'-1"
F-N= 15'-4"

G-H= 30'-3"
G-I= 32'-5"
G-J= 26'-0"
G-K= 14'-1"
G-L= 19'-3"
G-M= 12'-4"
G-N= 10'-10"

H-I= 21'-2"
H-J= 10'-10"
H-K= 22'-1"
H-L= 31'-5"
H-M= 26'-6"
H-N= 27'-11"

I-J= 29'-7"
I-K= 33'-5"
I-L= 20'-2"
I-M= 21'-4"
I-N= 23'-4"

J-K= 14'-0"
J-L= 33'-10"
J-M= 27'-0"
J-N= 27'-9"

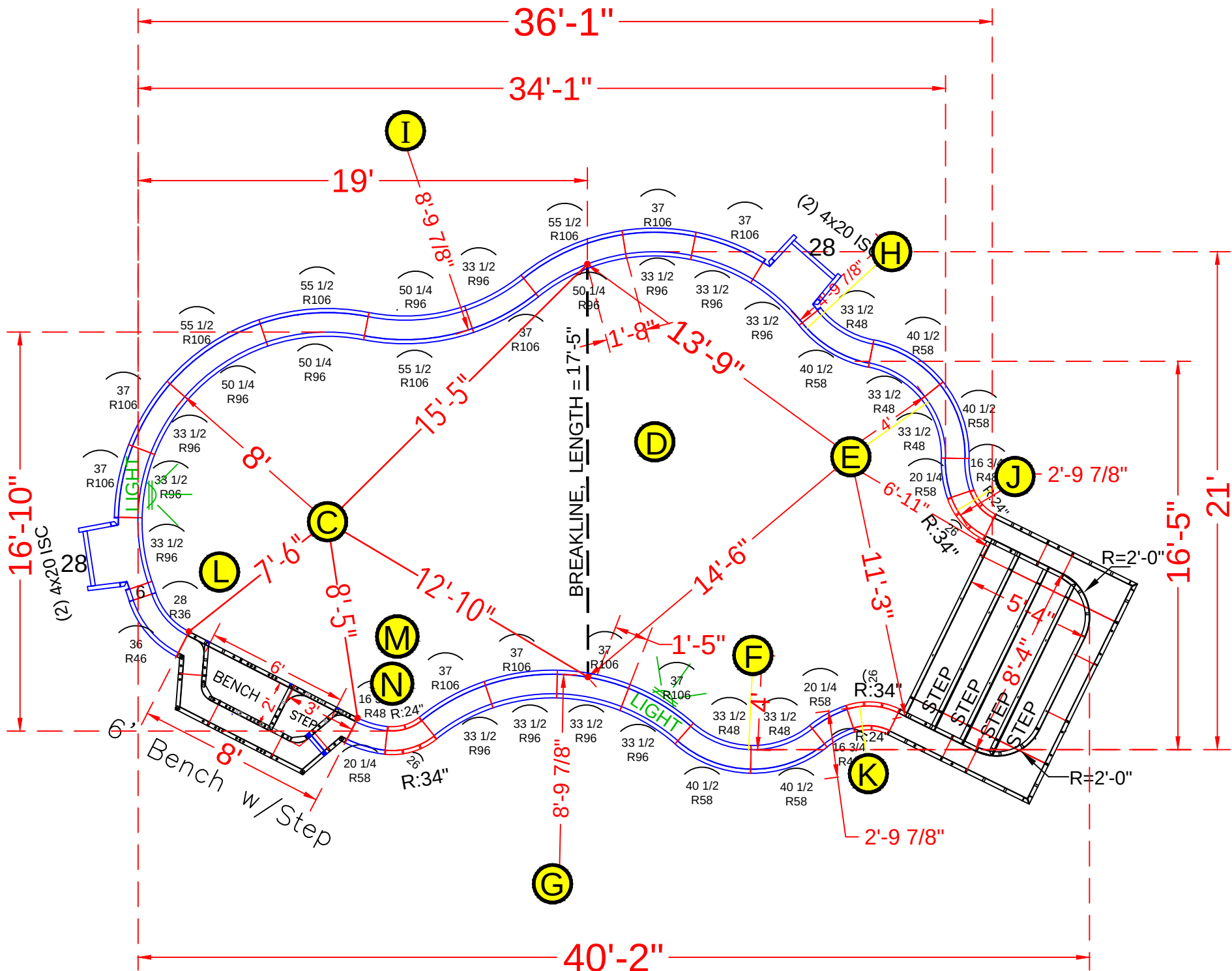
K-L= 28'-8"
K-M= 20'-9"
K-N= 20'-6"

L-M= 7'-11"
L-N= 8'-8"

M-N= 2'-0"

RADII
MEASUREMENTS

C= 8'-0" r H= 4'-10" r M= 4'-0" r
D= 8'-0" r I= 8'-10" r N= 2'-0" r
E= 4'-0" r J= 2'-10" r
F= 4'-0" r K= 2'-10" r
G= 8'-10" r L= 3'-0" r



NOTE: SEE CONSTRUCTION PLANS FOR A-B POINTS AND POOL LOCATION

POOL PANEL DESCRIPTIONS

QTY.	DESCRIPTION
1	8'-4" x 5'-4" x 48" Step Assembly w/ 2' Radius
1	6' x 2' Bench w/Step out
4	4" x 20" x 48" Adj Offset Hinged ISC (Pilaster)
	Straight Panels
2	6" x 48" Straight
2	28" x 48" Straight
	Radius Panels
3	18 1/4 x 48" - 24" Radius 45°Inside Corners
3	26 x 48" - 34" Radius 45°Outside Corners
1	28" x 48" - 36" Radius Panel
1	36" x 48" - 46" Radius Panel
3	16 3/4 x 48" - 48" Radius Panel
3	20 1/4 x 48" - 58" Radius Panel
5	33 1/2" x 48" - 48" Radius Panel
5	40 1/2" x 48" - 58" Radius Panel
11	33 1/2" x 48" - 96" Radius Panel
9	37" x 48" - 106" Radius Panel
4	50 1/4" x 48" - 96" Radius Panel
4	55 1/2" x 48" - 106" Radius Panel

KOEHLER - 8 Kyle Lane

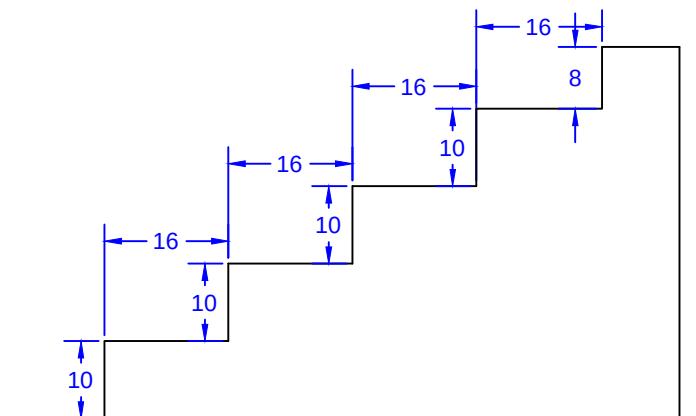
16'-5" x 21'-0" x 36'-1"- Concrete Vinyl - Freeform
w/ Exterior Vinyl Covered Step and
Exterior Deep End Bench & Step Out
Pool Perimeter = 106 Ln. Ft.
Pool Area = 592 Sq. Ft.
Approximate Pool Gallons: 18,200 Gallons
Concrete Yards
- Pool Walls & Steps: 20.5 yards

PANEL LAYOUT

JOB #: 555674
DATE: 1-14-2022
DRAWN BY: SA

	REVISIONS		
1	Corrected Node Points, Revised Dims. respectively, added Node points: "M" & "N"	3-25-22	JTP





The diagram illustrates the layout of a 10' x 10' floor joist system. It shows the placement of various ties and their dimensions:

- Top Tie 10" Full:** A red tie spanning the full width of the joist system, with a length of 13 15/16 feet.
- 2nd Top Tie 26" True:** A red tie spanning 26 inches of the joist system, with a length of 30 1/16 feet.
- 3rd Top Tie 42" Full:** A red tie spanning the full width of the joist system, with a length of 45 15/16 feet.
- 2nd Bottom Tie 58" Full:** A red tie spanning the full width of the joist system, with a length of 61 15/16 feet.
- Bottom Tie 74" Full:** A red tie spanning the full width of the joist system, with a length of 77 15/16 feet.

The diagram also shows the spacing of the joists, which are 16 inches apart, and the dimensions of the joist system, which is 10 feet wide and 10 feet deep.

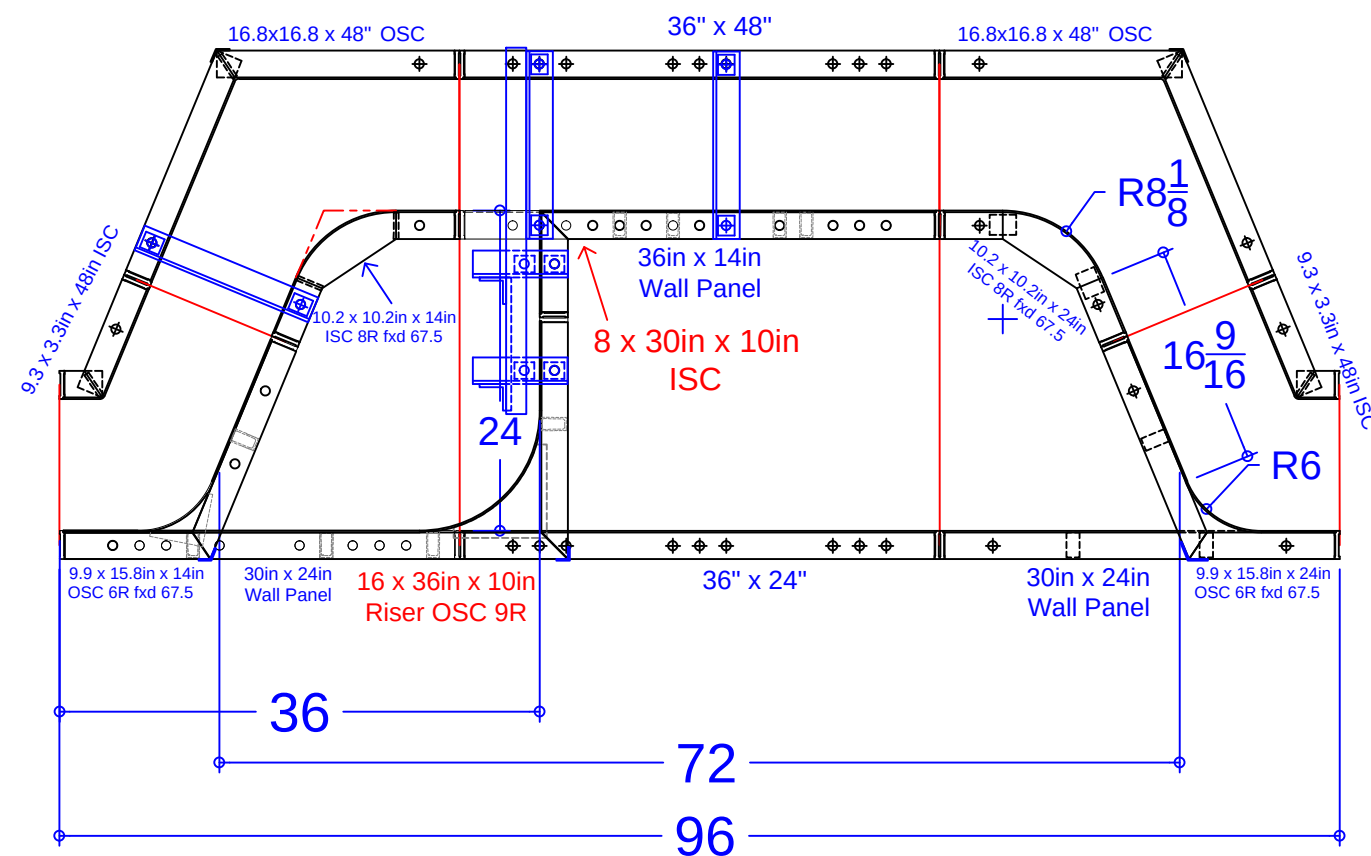
Qty(4)	Qty(2)	Qty(2)	Qty(2)	Qty(12)

- Pool Walls & Steps: 20.5 yards

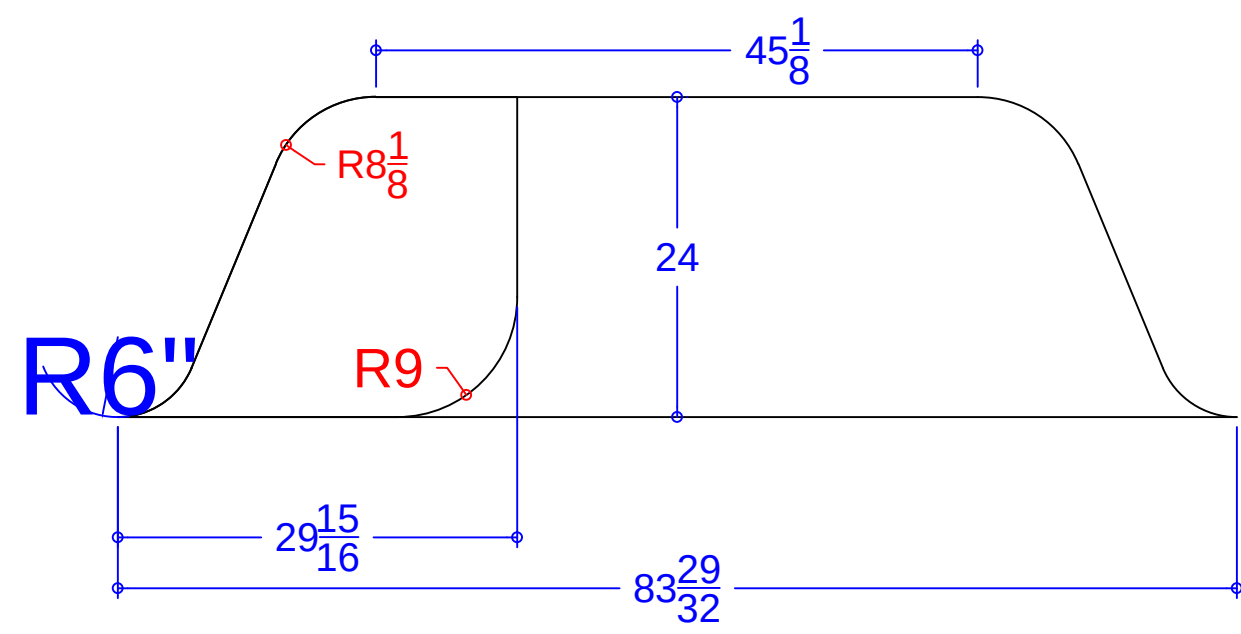
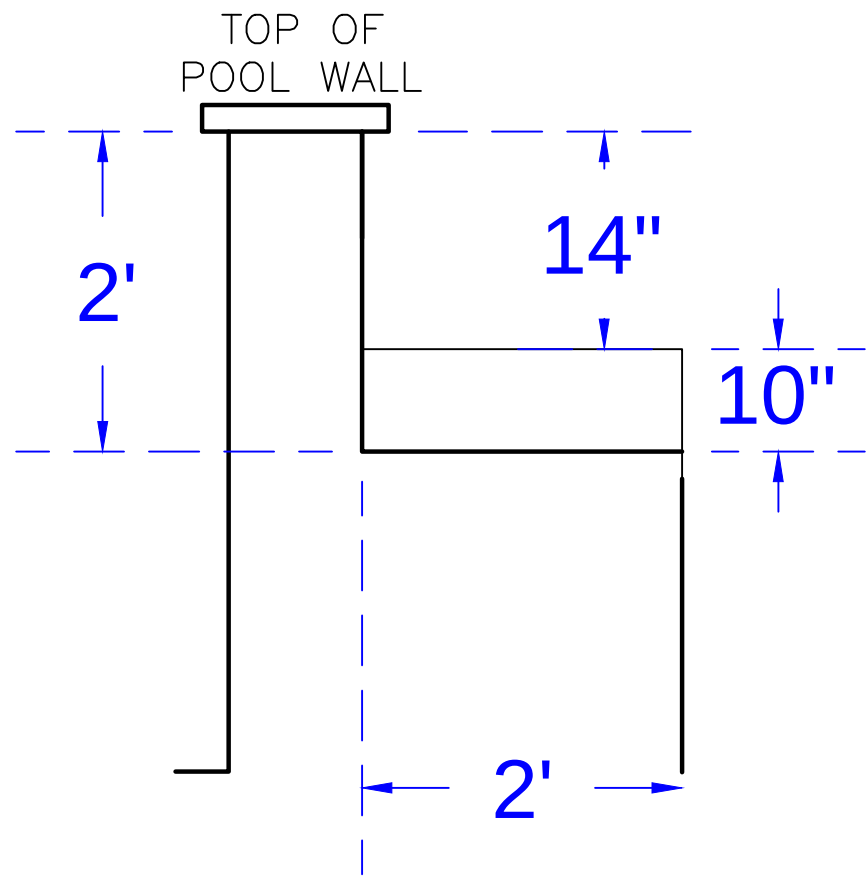
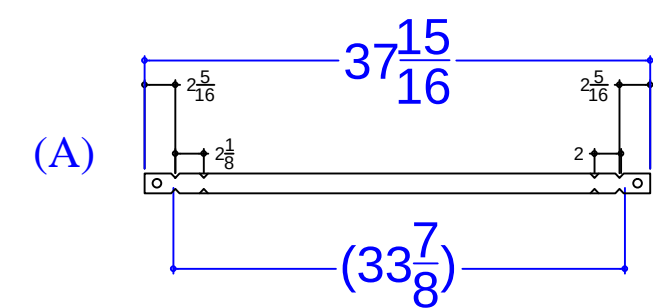
PAGE	QTY.	DESCRIPTION
OES 8.1	2	20 x 78 Outside Corner x 48
OES 8.2	2	10 x 52 ISC Riser Side x 48
OES 8.3	2	38 x 8 - 24" Radius ISC Top Step Riser
OES 8.4	1	52 x 8 Top Step Riser
OES 8.5	4	80 x 10 Step Riser
OES 8.6	1	52 x 48 SA Panel
OES 8.7	2	14 x 48 SA Panel

STEP DETAIL			
JOB #: 555674			
DATE: 1-14-2022			
SCALE: 1' = 1/2 "			
DRAWN BY: SA			





PANEL LIST - 6' STRAIGHT BENCH w/STEP	
QTY.	DESCRIPTION
1	10.2 x 10.2in x 14in ISC 8R fxd 67.5°
1	10.2 x 10.2in x 24in ISC 8R fxd 67.5°
1	9.9 x 15.8in x 14in OSC 6R fxd 58.7°
1	9.9 x 15.8in x 24in OSC 6R fxd 58.7°
2	16.8 x 16.8in x 48in OSC fxd 67.5°
2	3.3 x 9.3in x 48in ISC fxd 67.5°
1	8 x 30in x 10in ISC
1	16 x 36in x 10in Riser OSC 9in Rad.
1	36in x 48in Wall Panel
1	36in x 24in Wall Panel
1	36in x 14in Wall Panel
2	30in x 24in Wall Panel
5	Parapet Bracket - 10in Wall
1	Parapet Brackets for 10.9in Step x 14
4	37 15/16" Overall -Bench Tie (A)



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Exterior Deep End Bench & Step Out
Pool Perimeter = 106 Ln. Ft.
Pool Area = 592 Sq. Ft.
Approximate Pool Gallons: 18,200 Gallons
Concrete Yards
- Pool Walls & Steps: 20.5 yards

SWIM-OUT DETAIL			
JOB #: 555674			
DATE: 1-14-2022			
DRAWN BY: SA			

