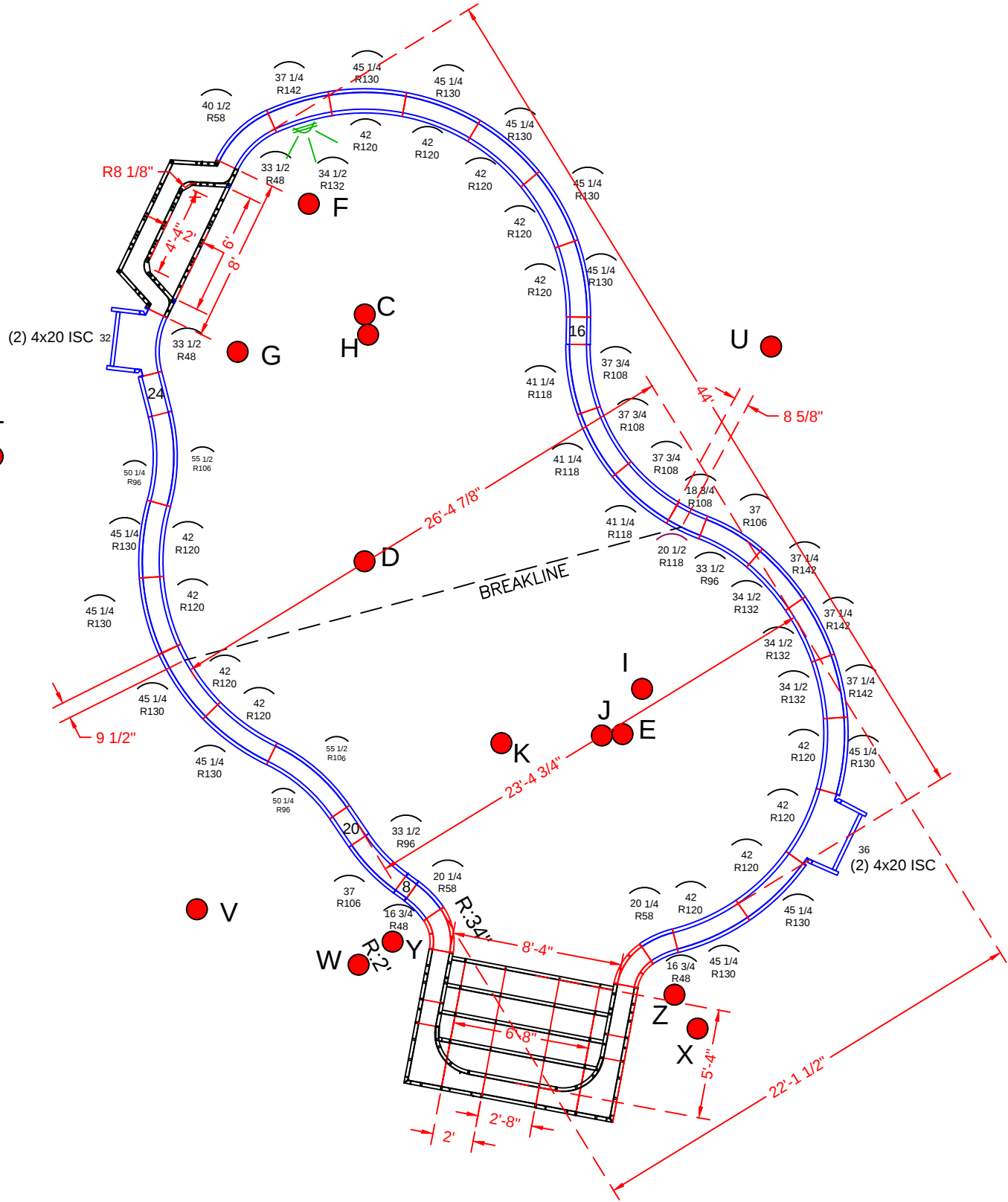


NODE POINT MEASUREMENTS

C-D = 12'-0 ¹ / ₄ "	G-H = 6'-4 ⁷ / ₈ "	W-X = 16'-9 ³ / ₄ "
C-E = 24'	G-I = 25'-7 ³ / ₄ "	W-Y = 2'
C-F = 6'-0 ¹ / ₂ "	G-J = 25'-9 ³ / ₈ "	W-Z = 15'-5 ¹ / ₂ "
C-G = 6'-5 ³ / ₈ "	G-K = 22'-11 ⁷ / ₈ "	X-Y = 15'-5 ¹ / ₂ "
C-H = 1'	G-T = 12'-11 ³ / ₄ "	X-Z = 2'
C-I = 22'-8 ³ / ₈ "	G-U = 26'	Y-Z = 13'-11 ³ / ₄ "
C-J = 23'-6 ³ / ₈ "	G-V = 27'-2 ³ / ₄ "	
C-K = 21'-11 ¹ / ₈ "	G-W = 30'-5 ¹ / ₄ "	
C-T = 19'-4 ⁷ / ₈ "	G-X = 39'-10 ¹ / ₂ "	
C-U = 19'-10 ³ / ₈ "	G-Y = 29'-8 ¹ / ₂ "	
C-V = 30'-1 ³ / ₈ "	G-Z = 37'-10 ¹ / ₂ "	
C-W = 31'-8 ¹ / ₄ "		
C-X = 38'-4 ³ / ₄ "		
C-Y = 30'-7 ¹ / ₈ "		
C-Z = 36'-5 ¹ / ₈ "		
D-E = 15'-1 ¹ / ₂ "	H-I = 21'-9 ³ / ₄ "	C = 10' RADIUS
D-F = 17'-7 ¹ / ₂ "	H-J = 22'-7 ³ / ₈ "	D = 10' RADIUS
D-G = 11'-11 ¹ / ₈ "	H-K = 20'-11 ¹ / ₄ "	E = 10' RADIUS
D-H = 11'-0 ¹ / ₂ "	H-T = 19'-2 ³ / ₄ "	F = 4' RADIUS
D-I = 14'-10 ⁵ / ₈ "	H-U = 19'-7 ⁷ / ₈ "	G = 4' RADIUS
D-J = 14'-4 ¹ / ₈ "	H-V = 29'-2 ¹ / ₂ "	H = 11' RADIUS (LIGHT PANEL)
D-K = 11'-1 ¹ / ₈ "	H-W = 30'-8 ¹ / ₂ "	I = 8' RADIUS
D-T = 18'-9 ⁷ / ₈ "	H-X = 37'-5 ¹ / ₄ "	J = 11' RADIUS
D-U = 22'-4 ⁷ / ₈ "	H-Y = 29'-7 ¹ / ₈ "	K = 8' RADIUS
D-V = 18'-9 ⁷ / ₈ "	H-Z = 35'-5 ¹ / ₂ "	T = 8'-9 ⁷ / ₈ " RADIUS
D-W = 19'-8"	I-J = 3'	U = 9'-9 ⁷ / ₈ " RADIUS
D-X = 27'-11 ⁵ / ₈ "	I-K = 7'-4 ¹ / ₈ "	V = 8'-9 ⁷ / ₈ " RADIUS
D-Y = 18'-7"	I-T = 33'-7 ¹ / ₄ "	W = 4'-9 ⁷ / ₈ " RADIUS
D-Z = 25'-11 ⁵ / ₈ "	I-U = 17'-9 ⁷ / ₈ "	X = 4'-9 ⁷ / ₈ " RADIUS
E-F = 30'-0 ¹ / ₄ "	I-V = 24'-2 ¹ / ₂ "	Y = 2'-9 ⁷ / ₈ " RADIUS
E-G = 26'-5 ¹ / ₈ "	I-W = 19'-3 ¹ / ₄ "	Z = 2'-9 ⁷ / ₈ " RADIUS
E-H = 23'-0 ⁷ / ₈ "	I-X = 16'-9 ³ / ₈ "	
E-I = 2'-4 ⁷ / ₈ "	I-Y = 17'-3 ³ / ₄ "	
E-J = 1'-0 ¹ / ₈ "	I-Z = 14'-11 ⁷ / ₈ "	
E-K = 5'-11"	J-K = 4'-10 ⁷ / ₈ "	
E-T = 33'-6 ³ / ₈ "	J-T = 32'-7 ³ / ₄ "	
E-U = 20'-2 ⁵ / ₈ "	J-U = 20'-8"	
E-V = 22'-5 ¹ / ₈ "	J-V = 21'-5 ³ / ₄ "	
E-W = 17'-1"	J-W = 16'-3 ¹ / ₂ "	
E-X = 14'-9 ³ / ₄ "	J-X = 15'-0 ³ / ₈ "	
E-Y = 15'-1 ¹ / ₈ "	J-Y = 14'-3 ³ / ₄ "	
E-Z = 12'-11 ¹ / ₂ "	J-Z = 13'-1 ¹ / ₂ "	
F-G = 8'	T-U = 38'-3 ⁵ / ₈ "	
F-H = 7'	T-V = 24'-2 ³ / ₈ "	
F-I = 28'-8 ¹ / ₈ "	T-W = 30'-6 ¹ / ₄ "	
F-J = 29'-7"	T-X = 44'-2 ⁷ / ₈ "	
F-K = 27'-10 ⁷ / ₈ "	T-Y = 30'-7 ⁵ / ₈ "	
F-T = 19'-8 ⁵ / ₈ "	T-Z = 42'-3 ⁷ / ₈ "	
F-U = 23'-6 ⁷ / ₈ "	U-V = 39'-2 ¹ / ₈ "	
F-V = 34'-9 ³ / ₈ "	U-W = 36'-2 ¹ / ₂ "	
F-W = 37'-1 ⁷ / ₈ "	U-X = 33'-5 ¹ / ₈ "	
F-X = 44'-5 ¹ / ₄ "	U-Y = 34'-4 ³ / ₈ "	
F-Y = 36'-2 ¹ / ₄ "	U-Z = 31'-11 ¹ / ₄ "	
F-Z = 42'-5 ¹ / ₂ "	V-W = 8'-4"	
	V-X = 25'-1"	
	V-Y = 9'-8"	
	V-Z = 23'-7 ³ / ₄ "	

RADII MEASUREMENTS



POOL PANEL DESCRIPTIONS

QTY.	DESCRIPTION
1	8'-4" x 5'-4" x 48" Step Assembly w/2' Radius
1	6' x 2' Straight Wall Bench
4	4 x 20 x 48" Adj Offset Hinged ISC (Pilaster)
1	32" x 48" Panel-SA
1	36" x 48" Panel-SA
	2'-9 7/8" Radius Panels
2	18 1/4 x 48" 24" Radius 45° Corners-SA
2	26 x 48" 34" Radius 45° Corners-SA
	Straight Panels
2	8" x 48" Panel
2	16" x 48" Panel
2	20" x 48" Panel
2	24" x 48" Panel
	4' Radius Panels
2	33 1/2" x 48" 48" Radius IS Panel
1	40 1/2" x 48" 58" Radius OS Panel
	4'-9 7/8" Radius Panels
2	20 1/4" x 48" 58" Radius IS Panel
2	16 3/4" x 48" 48" Radius OS Panel
	8' Radius Panels
2	33 1/2" x 48" 96" Radius IS Panel
2	37" x 48" 106" Radius OS Panel
	8'-9 7/8" Radius Panels
2	55 1/2" x 48" 106" Radius IS Panel
2	50 1/4" x 48" 96" Radius OS Panel
	9'-9 7/8" Radius Panels
3	37 3/4" x 48" 108" Radius OS Panel
3	41 1/4" x 48" 118" Radius IS Panel
1	18 3/4" x 48" 108" Radius OS Panel
1	20 1/2" x 48" 118" Radius IS Panel
	10' Radius Panels
13	42" x 48" 120" Radius IS Panel
12	45 1/4" x 48" 130" Radius OS Panel
	11'-10" Radius Panels
4	34 1/2" x 48" 132" Radius OS Panel
4	37 1/4" x 48" 142" Radius IS Panel

BERMAN - 22 Windward Way

22' x 44' - 10" Concrete Wall - Freeform Sierra

Concrete Yards

- Pool Walls & Steps: 21 yards (20.18 exact)

Pool Perimeter = 131'

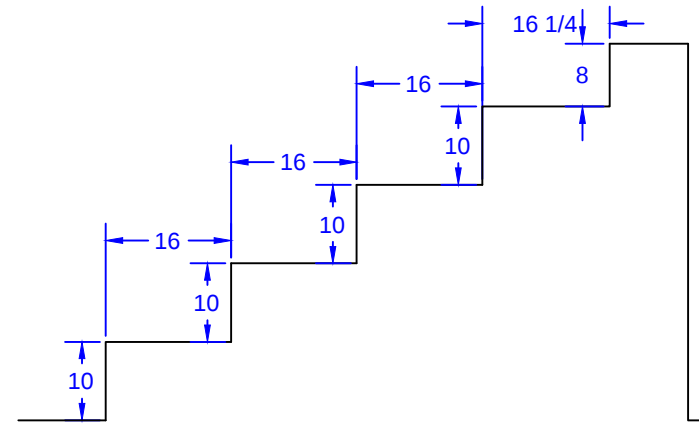
Pool Area = 936 SQ. FT.

PANEL LAYOUT

JOB #: 300428
DATE: 11-23-2010
SCALE: 1' = 1/8 "
DRAWN BY: SA & LH

REVISIONS		





A diagram of a building layout with sound wave paths. The building has a complex shape with several rooms and corridors. Red lines represent the paths of sound waves reflecting off the walls and ceiling. The paths start from a source on the left wall and reflect off various surfaces, illustrating how sound waves fill the space.

Diagram illustrating the layout of a 10-foot wide tie beam with various offsets and dimensions:

- Top dimension: 77 15/16
- Offset from left end: 2 5/16
- Offset from right end: 2 5/16
- Bottom dimension: 70 1/16
- Label: Bottom Tie 74" Full

Diagram illustrating the layout of a 10-foot wide tie beam with various offsets and dimensions:

- Top dimension: 61 15/16
- Offset from left end: 2 5/16
- Offset from right end: 2 5/16
- Bottom dimension: 60 1/16
- Label: 2nd Bottom Tie 58" Full

Diagram illustrating the layout of a 10-foot wide tie beam with various offsets and dimensions:

- Top dimension: 45 15/16
- Offset from left end: 2 5/16
- Offset from right end: 2 5/16
- Bottom dimension: 44 1/16
- Label: 3rd Top Tie 42" Full

Diagram illustrating the layout of a 10-foot wide tie beam with various offsets and dimensions:

- Top dimension: 30 1/16
- Offset from left end: 2 5/16
- Offset from right end: 2 5/16
- Bottom dimension: 28 3/16
- Label: 2nd Top Tie 26" Full

Diagram illustrating the layout of a 10-foot wide tie beam with various offsets and dimensions:

- Top dimension: 13 15/16
- Offset from left end: 2 5/16
- Offset from right end: 2 5/16
- Bottom dimension: 12 1/16
- Label: Top Tie 10" Full

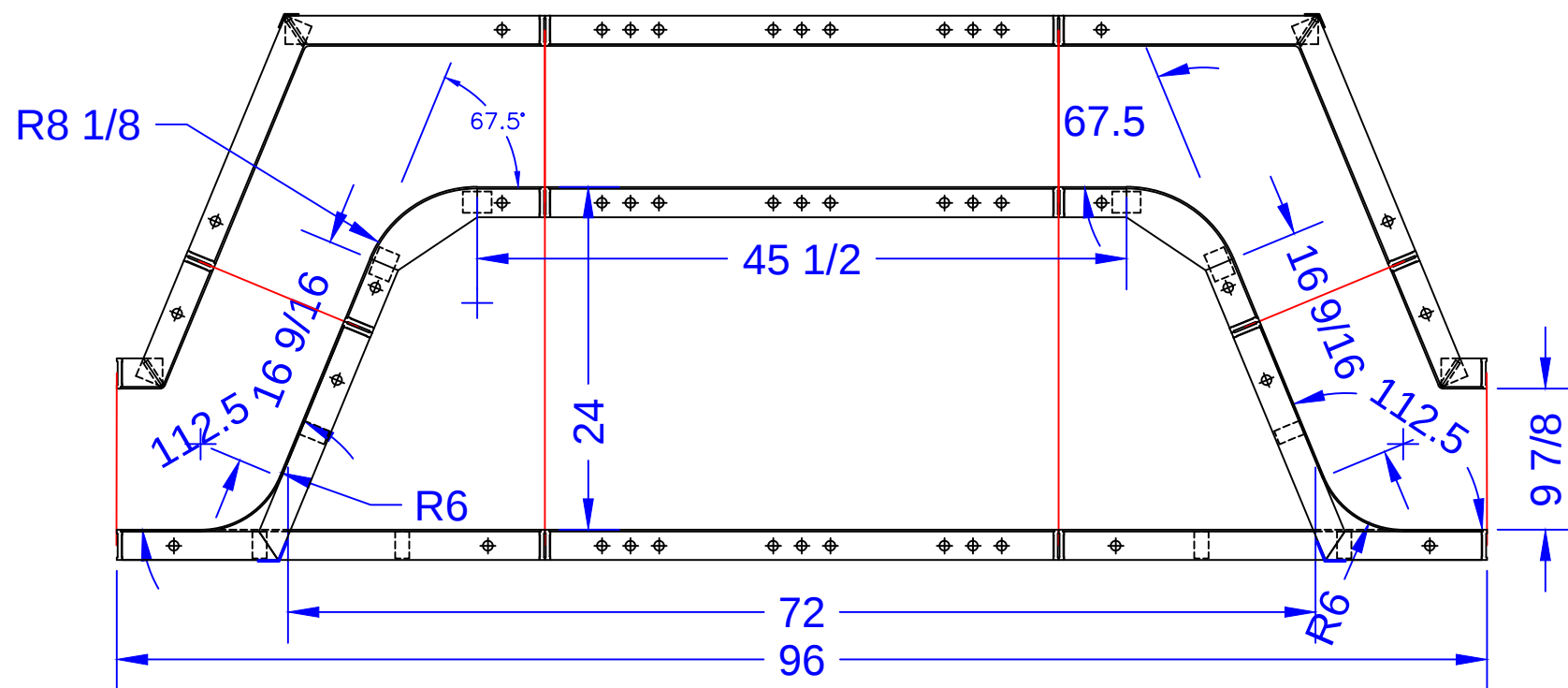
Qty(4)	8'-4" Step
Qty(2)	
Qty(2)	
Qty(2)	
Qty(12)	

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

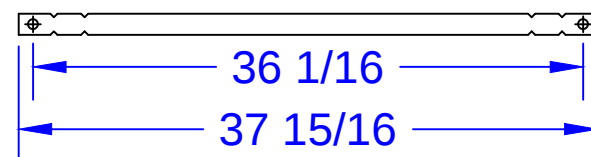
BERMAN - 22 Windward Way
22' x 44' - 10" Concrete Wall - Freeform Sierra
Concrete Yards
- Pool Walls & Steps: 21 yards (20.18 exact)
Pool Perimeter = 131'
Pool Area = 936 SQ. FT.

STEP DETAIL			
JOB #: 300428			
DATE: 11-23-2010			
SCALE: 1' = 1/8 "			
DRAWN BY: SA & LH			





6' Special Straight Wall Love Seat



34" Full Pool Tie 1/4" BB DRN

QTY.	TIE LIST
8	10" Full Pool Tie 1/4" BB DRN (Blue Die)
4	34" Full Pool Tie 1/4" BB DRN (Blue Die)

LOVE SEAT PANEL DESCRIPTIONS

QTY.	DESCRIPTION
2	16 3/4 x 16 3/4 x 48 OSC
2	3 1/4 x 9 1/4 x 48 ISC
1	36 x 48 SA Panel
2	10 3/16 x 10 3/16 x 24 ISC 8"R - Fixed 67.5° Bench Form
2	30 x 15 29/32 x 48 OSC 6"R - Fixed 67.5° Riser Side
2	36 x 24 SA Panel

BERMAN - 22 Windward Way

22' x 44' - 10" Concrete Wall - Freeform Sierra

Concrete Yards

- Pool Walls & Steps: 21 yards (20.18 exact)

Pool Perimeter = 131'

Pool Area = 936 SQ. FT.

BENCH DETAIL			
JOB #: 300428			
DATE: 11-23-2010			
SCALE: 1' = 1/8 "			
DRAWN BY: SA & LH			

