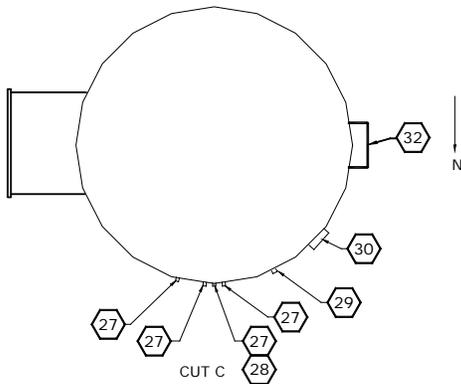
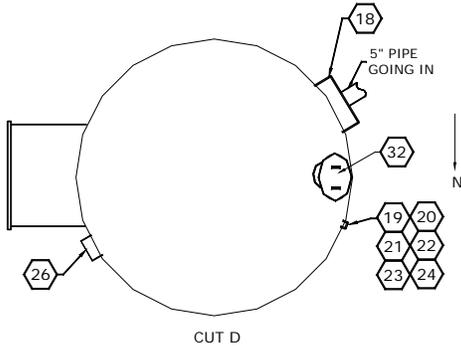


		Nozzles		
Service	Size/Height	Mark no.		
1 st Stage Header Flush Return	4" @ 23'-5"	1		
Pressure Tap	2" @ 19'-2"	2		
Pressure Tap	2" @ 22'-4"	3		
Pressure Tap	2" @ 23'-4"	4		
Pressure Tap	2" @ 20'-4"	5		
Pressure Tap	2" @ 19'-5"	6		
Pressure Tap	2" @ 18'-4"	7		
Packing Removal	38"x26" @ 21'-5"	8		
First Stage Feed	14" @ 21'-5"	9		
Pressure Tap	2" @ 18'-4"	10		
Header Flush Drain	4" @ 16'-2"	11		
Manual Drain	3" @ 16'-0"	12		
Manual Drain	8" @ 15'-0"	13		
1 st Stage Drain	12" @ 15'-0"	14		
Ph probe Access	1" @ 15'-1"	15		
Ph probe Access	1" @ 15'-2"	16		
Level Gauge	3" @ 14'-9" 3" @ 23'-9"	17		
Packing Removal	73" X 34" @ 29' 0" 38"x26" @ 34'7"	25		
Comments: all elevations above top of concrete below scrubber vessel				

Nozzles		
Service	Size/ Height	Mark no.
Header Flush Return	17" @ 45'-4"	18
Pressure Tap	2" @ 45'-9-1/2"	19
Pressure Tap	2" @ 44'-5"	20
Pressure Tap	2" @ 43'-5"	21
Pressure Tap	2" @ 42'-5"	22
Pressure Tap	2" @ 41'-5"	23
Pressure Tap	2" @ 40'-5"	24
2 nd Stage Feed	14" @ 45'-4"	26
Ph probe access	1" @ 27'-4"	27
Not used	3/4" @ 32'-3"	28
Brine bypass	4" @ 27'-2"	29
2 nd Stage Drain	14" @ 27'-4"	30

Comments: all elevations above top of concrete below scrubber vessel



Scrubber Internal Specifications	
<p>Packing:</p> <ul style="list-style-type: none"> (a) Size, Type, & Height: top & bottom both 6 ft of 3" Intalox Saddles or mass transfer equivalent. See remarks. (b) Method of packing: Dump into dry tower (c) Packing Arrangement: Dumped <p>Liquid Distributors: Top: Pipe Manifold Bottom: Launder Manifold</p> <p>Packing Support: Top: 1" thick FRP grating supported by FRP beams Bottom: 1" thick FRP grating supported by FRP beams</p> <p>Packing Removal Manways: At top and bottom of each packed bed</p> <p>Entrainment Separator: 1 to 2' of 3" Intalox Saddles dumped on top of top packed bed distributor</p> <p>Spray Nozzles: None</p>	
	<p>Materials of Construction</p>
	<p>Packing: Polypropylene</p>
	<p>Distributor Tray Top: Polyvinylchloride Bottom: FRP</p> <p>Chimney Tray: FRP</p> <p>Packing Support: FRP</p>
	<p>Remarks</p> <p>Alternately, the 1st stage or bottom packing may be 40 inches of Intalox snowflake packing covered with at least 12 inches of 3 inch Intalox saddles.</p>