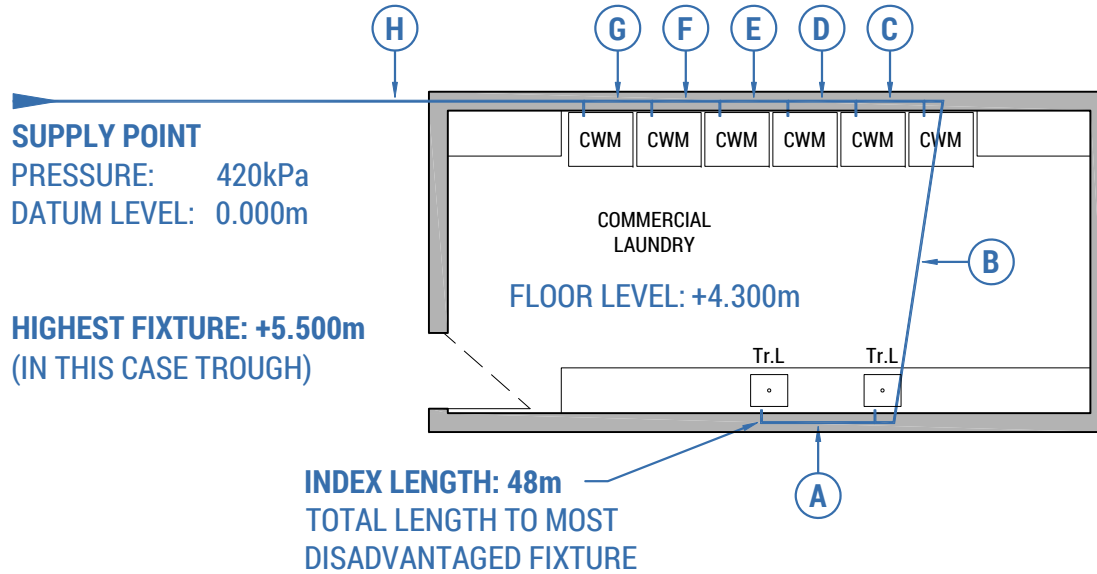


CALCULATE A COMMERCIAL APPLICATION



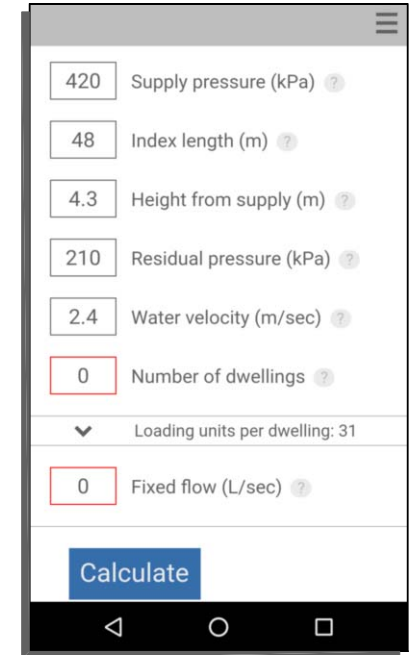
PIPE SEGMENT	FULL FLOW DEMAND (L/sec)
A	0.12
B	0.24
C	0.44
D	0.64
E	0.84
F	1.04
G	1.24
H	1.44

PIPE SEGMENT	COPPER SIZE	POLYOLEFIN SIZE
A		
B		
C		
D		
E		
F		
G		
H		

REFER TO MANUFACTURER DOCUMENTATION FOR DEMANDS.

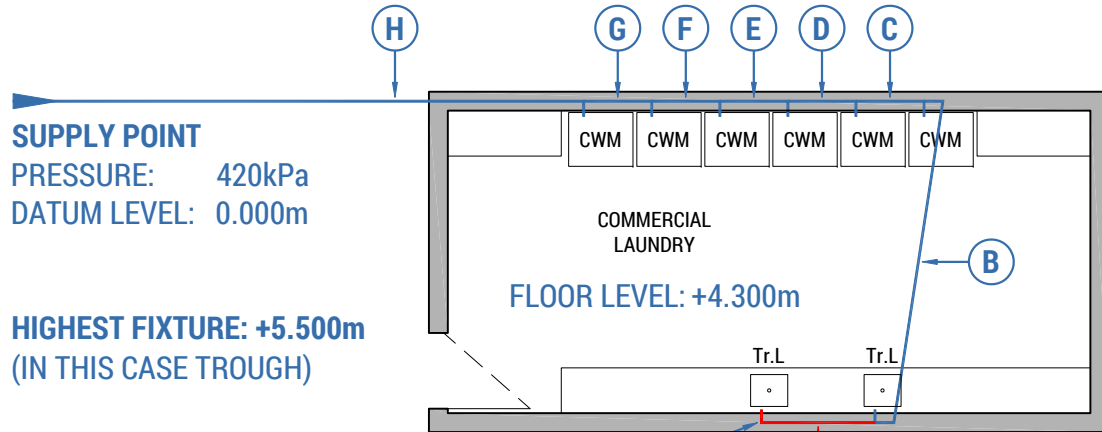
STEP 1:

Enter the Supply pressure, Index length and Height from supply. Number of dwellings is 0, calculations made using fixed flow only.



NOTE: Pipe sizes calculated are minimum sizes, the designer shall reference AS3500.1-2015 Section 3.5 to ensure compliance.

CALCULATE A COMMERCIAL APPLICATION



SUPPLY POINT
 PRESSURE: 420kPa
 DATUM LEVEL: 0.000m

HIGHEST FIXTURE: +5.500m
 (IN THIS CASE TROUGH)

INDEX LENGTH: 48m
 TOTAL LENGTH TO MOST
 DISADVANTAGED FIXTURE

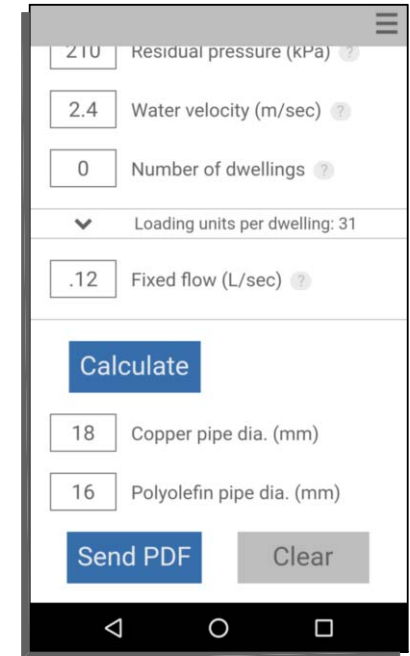
PIPE SEGMENT	FULL FLOW DEMAND (L/sec)
A	0.12
B	0.24
C	0.44
D	0.64
E	0.84
F	1.04
G	1.24
H	1.44

PIPE SEGMENT	COPPER SIZE	POLYOLEFIN SIZE
A	DN18	DN16
B		
C		
D		
E		
F		
G		
H		

REFER TO MANUFACTURER DOCUMENTATION FOR DEMANDS.

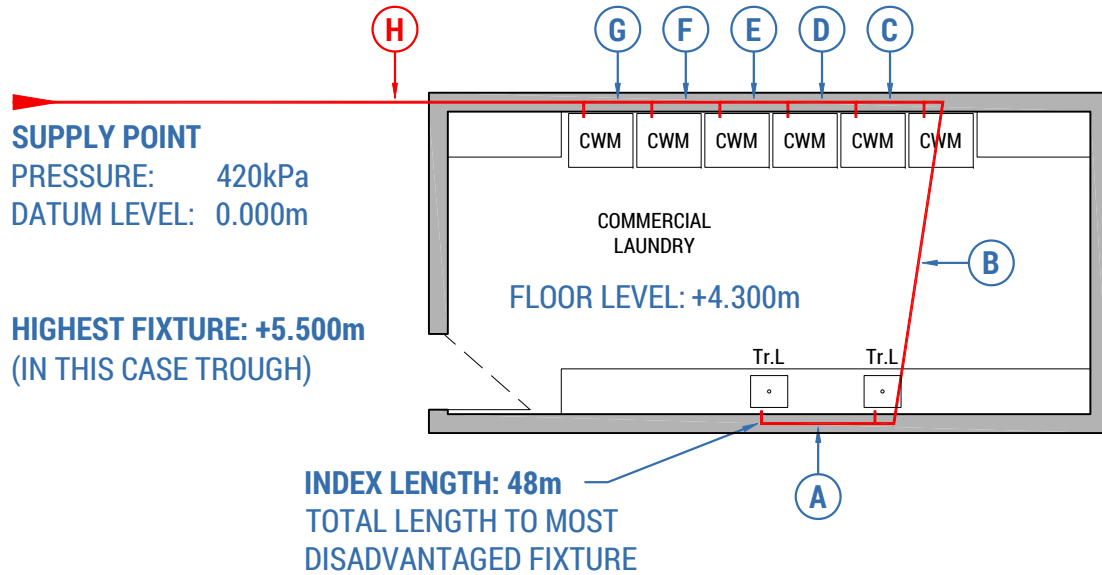
STEP 2:

Work through each of the pipe segments to determine each segment size.



NOTE: Pipe sizes calculated are minimum sizes, the designer shall reference AS3500.1-2015 Section 3.5 to ensure compliance.

CALCULATE A COMMERCIAL APPLICATION



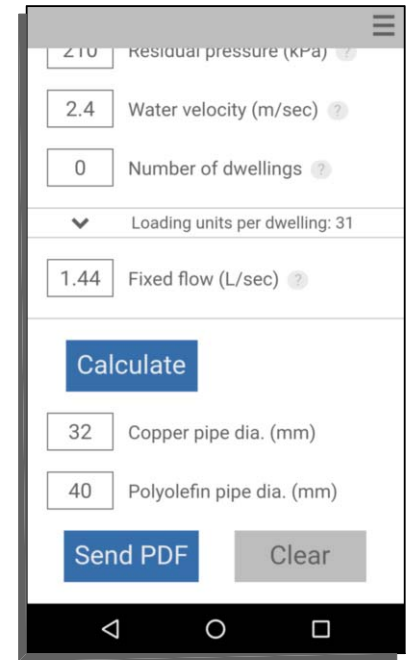
PIPE SEGMENT	FULL FLOW DEMAND (L/sec)
A	0.12
B	0.24
C	0.44
D	0.64
E	0.84
F	1.04
G	1.24
H	1.44

PIPE SEGMENT	COPPER SIZE	POLYOLEFIN SIZE
A	DN18	DN16
B	DN20	DN20
C	DN25	DN25
D	DN25	DN32
E	DN25	DN32
F	DN32	DN32
G	DN32	DN32
H	DN32	DN40

REFER TO MANUFACTURER DOCUMENTATION FOR DEMANDS.

STEP 3:

Calculate the main size using the total demand.



NOTE: Pipe sizes calculated are minimum sizes, the designer shall reference AS3500.1-2015 Section 3.5 to ensure compliance.