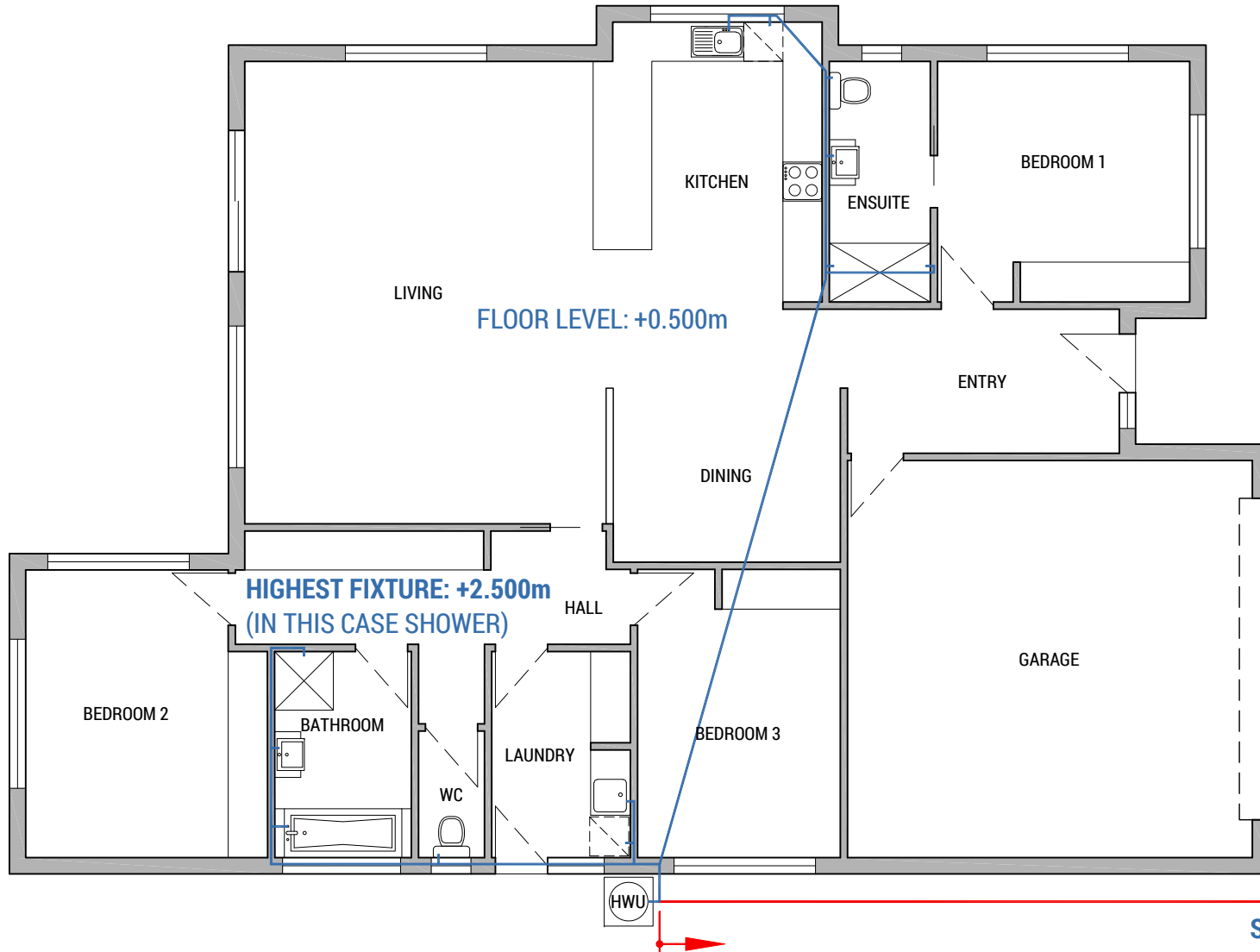


CALCULATE THE MAIN SUPPLY FOR A HOUSE



INDEX LENGTH: 30m
TOTAL LENGTH TO MOST
DISADVANTAGED FIXTURE
(IN THIS CASE THE KITCHEN SINK)



STEP 1:
Enter the Supply pressure, Index length
and Height from supply.

440	Supply pressure (kPa) ?
30	Index length (m) ?
2.5	Height from supply (m) ?
210	Residual pressure (kPa) ?
2.4	Water velocity (m/sec) ?
1	Number of dwellings ?
▼ Loading units per dwelling: 31	
0	Fixed flow (L/sec) ?
Calculate	

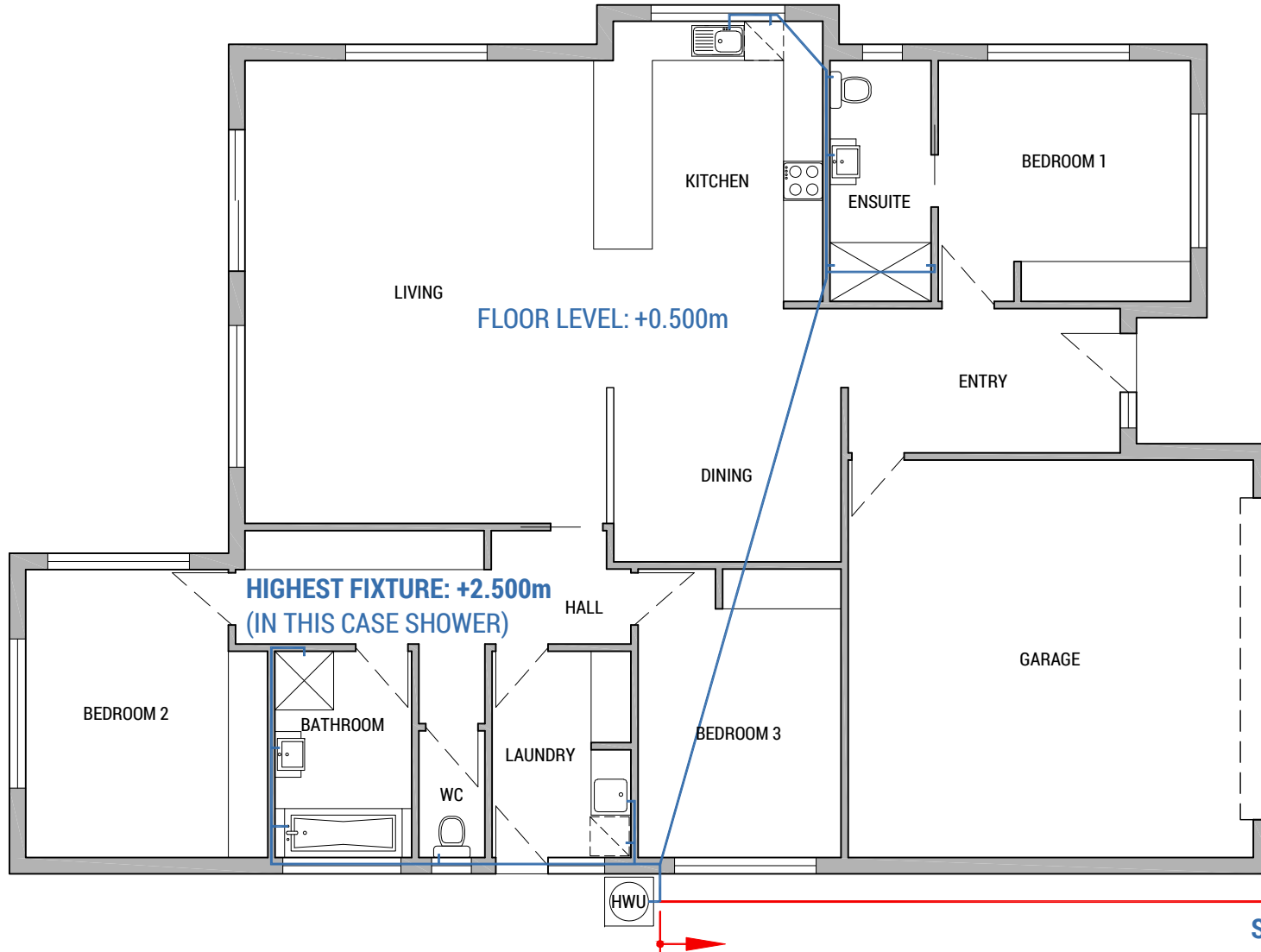
SUPPLY POINT
PRESSURE: 440kPa
DATUM LEVEL: 0.000m

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

CALCULATE THE MAIN SUPPLY FOR A HOUSE

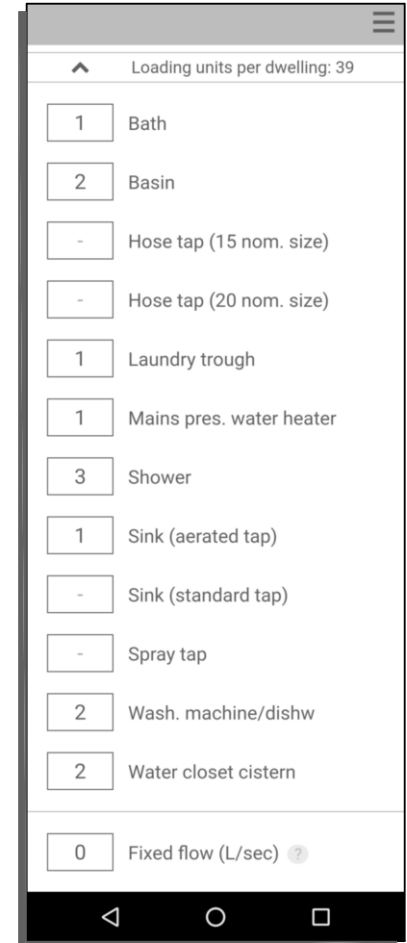


INDEX LENGTH: 30m
TOTAL LENGTH TO MOST DISADVANTAGED FIXTURE
(IN THIS CASE THE KITCHEN SINK)



SUPPLY POINT
PRESSURE: 440kPa
DATUM LEVEL: 0.000m

STEP 2:
 Enter the number of fixtures.
 (This step is optional but may lead to undersized pipework. If no loading units are entered the calculator will default to 31 per AS3500.1:2015.)

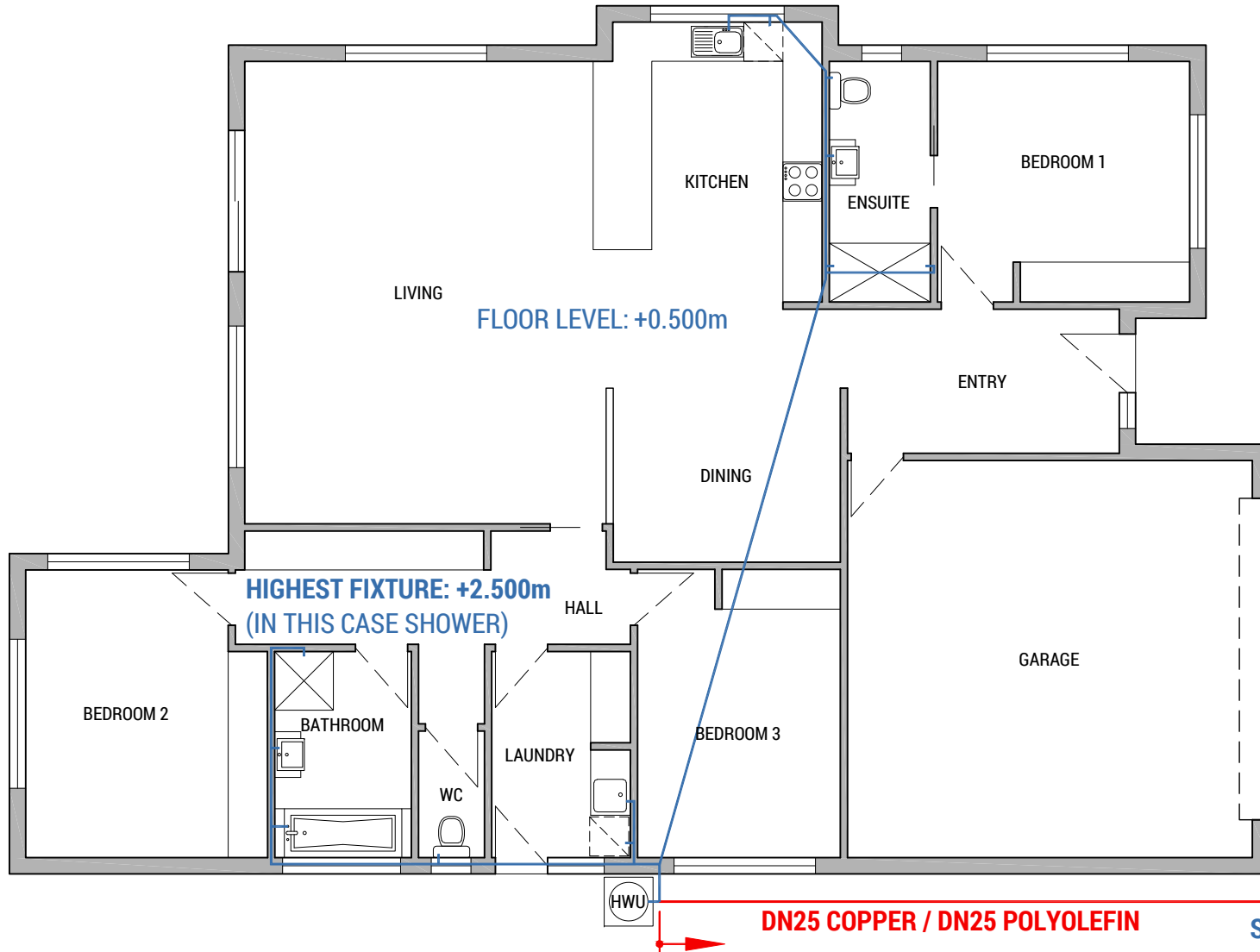


NOTE: Pipe sizes calculated are minimum sizes, the designer shall reference AS3500.1-2015 Section 3.5 to ensure compliance.

CALCULATE THE MAIN SUPPLY FOR A HOUSE



INDEX LENGTH: 30m
TOTAL LENGTH TO MOST
DISADVANTAGED FIXTURE
(IN THIS CASE THE KITCHEN SINK)



STEP 3: Calculate!

440	Supply pressure (kPa) ?
30	Index length (m) ?
2.5	Height from supply (m) ?
210	Residual pressure (kPa) ?
2.4	Water velocity (m/sec) ?
1	Number of dwellings ?
Loading units per dwelling: 39	
0	Fixed flow (L/sec) ?
Calculate	
25	Copper pipe dia. (mm)
25	Polyolefin pipe dia. (mm)
Send PDF Clear	

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