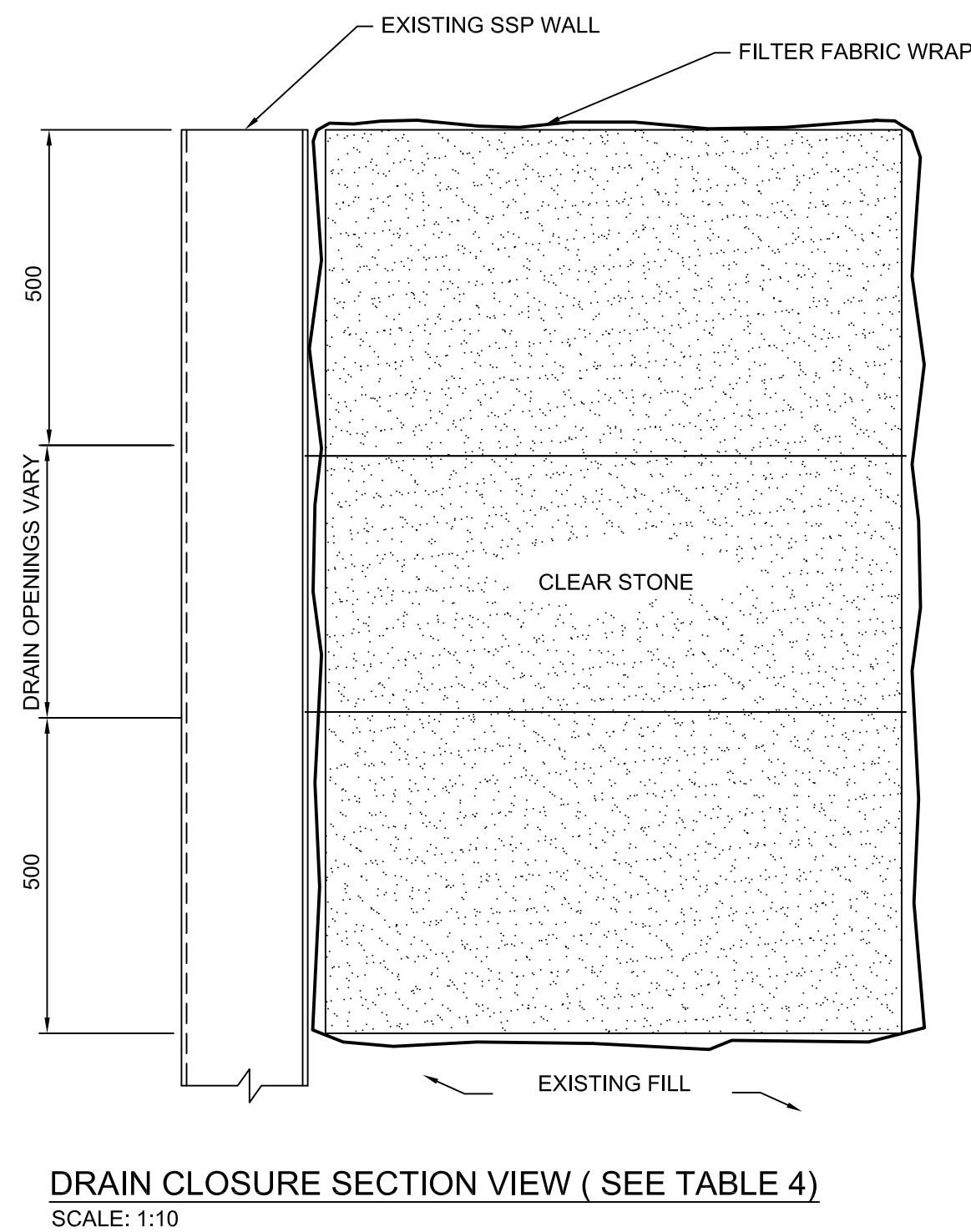


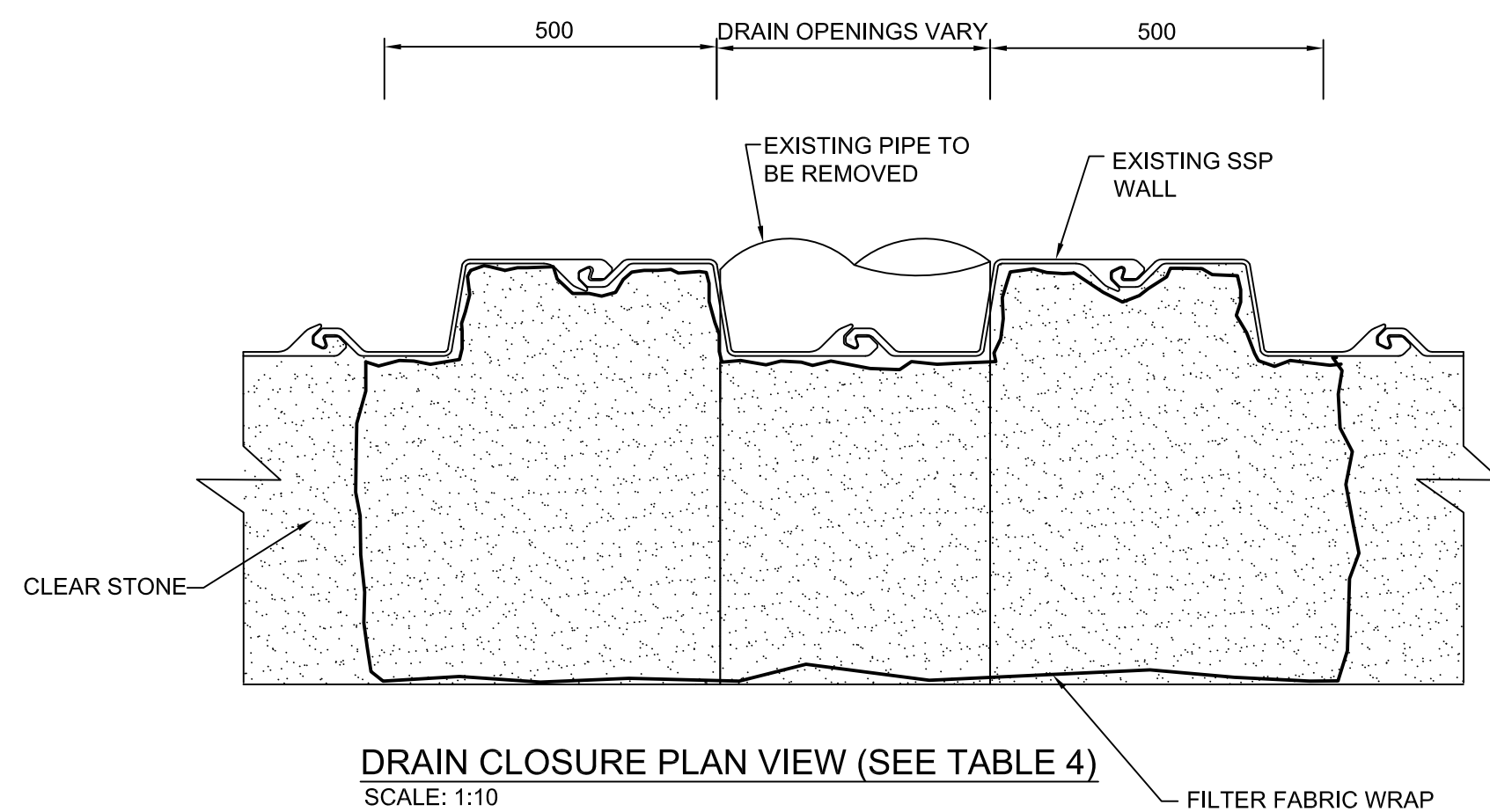
41  
5/12

TYP. FLANGE PLATE SECTION DETAIL  
SCALE: 1:2

**NOTE:**  
\* DIMENSIONS TO BE CONFIRMED  
PRIOR TO FABRICATION.



42  
512 TYP. FLANGE PLATE SECTION DETAIL @ STA 0+145.8EP  
SCALE: 1:5



43  
12 | 12

TYP. FLANGE PLATE SECTION DETAIL @ STA 0+145.8EP  
SCALE: 1:5

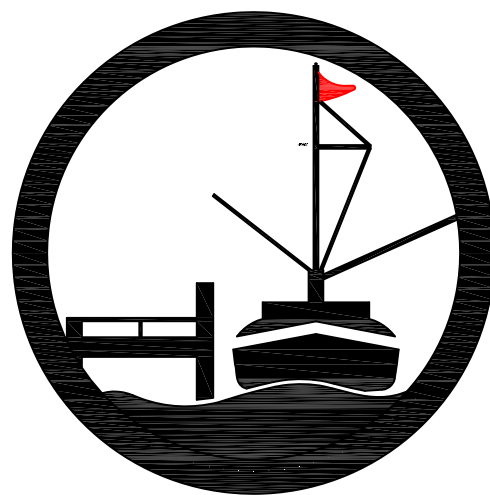
TIMBER PILE REMOVALS					
NO.	STATION	NO.	STATION	NO.	STATION
1	STA. 0+005.4 EP	18	STA. 0+208.0 EP (x2)	35	STA. 0+283.4 EP
2	STA. 0+010.7 EP	19	STA. 0+213.9 EP	36	STA. 0+287.5 EP
3	STA. 0+025.7 EP	20	STA. 0+216.9 EP	37	STA. 0+305.1 EP
4	STA. 0+033.7 EP	21	STA. 0+223.7 EP	38	STA. 0+307.4 EP
5	STA. 0+040.4 EP	22	STA. 0+228.5 EP	39	STA. 0+310.6 EP
6	STA. 0+052.3 EP	23	STA. 0+240.1 EP	40	STA. 0+343.5 EP
7	STA. 0+068.0 EP	24	STA. 0+244.0 EP	41	STA. 0+349.0 EP
8	STA. 0+092.0 EP	25	STA. 0+244.5 EP	42	STA. 0+356.0 EP
9	STA. 0+095.7 EP	26	STA. 0+246.4 EP	43	STA. 0+360.3 EP
10	STA. 0+112.3 EP	27	STA. 0+250.1 EP	44	STA. 0+364.8 EP
11	STA. 0+146.6 EP	28	STA. 0+250.5 EP	45	STA. 0+365.4 EP
12	STA. 0+153.0 EP	29	STA. 0+250.8 EP	46	STA. 0+368.2 EP
13	STA. 0+193.4 EP	30	STA. 0+254.5 EP	47	STA. 0+376.5 EP
14	STA. 0+194.5 EP	31	STA. 0+257.0 EP	48	STA. 0+381.4 EP (x2)
15	STA. 0+195.4 EP	32	STA. 0+266.6 EP	49	STA. 0+355.4 EP
16	STA. 0+196.3 EP	33	STA. 0+267.5 EP		
17	STA. 0+206.0 EP	34	STA. 0+282.9 EP		
TOTAL = 51					

STEEL PILE REMOVALS	
NO.	STATIONS
1	STA. +0089.9 EP
2	STA. +0094.5 EP
3	STA. +0111.7 EP
4	STA. +0128.3 EP
5	STA. +0133.2 EP
6	STA. +0162.3 EP
7	STA. +0189.9 EP
8	STA. +0207.3 EP
9	STA. +0220.8 EP
10	STA. +0236.0 EP
11	STA. +0257.6 EP
12	STA. +0262.5 EP
TOTAL = 12	

TIRE FENDER SYSTEM REMOVALS					
NO.	STATION	NO.	STATION	NO.	STATION
1	STA. 0+002.8 EP	24	STA. 0+134.5 EP	47	STA. 0+284.0 EP
2	STA. 0+007.0 EP	25	STA. 0+142.0 EP	48	STA. 0+286.3 EP
3	STA. 0+009.6 EP	26	STA. 0+153.9 EP	49	STA. 0+290.2 EP
4	STA. 0+018.9 EP	27	STA. 0+160.5 EP	50	STA. 0+295.9 EP
5	STA. 0+031.3 EP	28	STA. 0+167.6 EP	51	STA. 0+299.8 EP
6	STA. 0+035.5 EP	29	STA. 0+173.7 EP	52	STA. 0+305.5 EP
7	STA. 0+039.3 EP	30	STA. 0+177.4 EP	53	STA. 0+308.5 EP
8	STA. 0+045.3 EP	31	STA. 0+182.5 EP	54	STA. 0+311.6 EP
9	STA. 0+060.7 EP	32	STA. 0+192.5 EP	55	STA. 0+314.4 EP
10	STA. 0+066.0 EP	33	STA. 0+200.2 EP	56	STA. 0+323.0 EP
11	STA. 0+072.2 EP	34	STA. 0+204.0 EP	57	STA. 0+328.7 EP
12	STA. 0+076.1 EP	35	STA. 0+211.7 EP	58	STA. 0+335.7 EP
13	STA. 0+077.5 EP	36	STA. 0+218.0 EP	59	STA. 0+337.5 EP
14	STA. 0+082.3 EP	37	STA. 0+224.5 EP	60	STA. 0+359.7 EP
15	STA. 0+085.1 EP	38	STA. 0+232.0 EP	61	STA. 0+344.2 EP
16	STA. 0+088.2 EP	39	STA. 0+238.4 EP	62	STA. 0+347.7 EP
17	STA. 0+091.1 EP	40	STA. 0+245.5 EP	63	STA. 0+350.4 EP
18	STA. 0+097.5 EP	41	STA. 0+248.0 EP	64	STA. 0+353.3 EP
19	STA. 0+107.8 EP	42	STA. 0+252.4 EP	65	STA. 0+351.8 EP
20	STA. 0+116.0 EP	43	STA. 0+267.1 EP	66	STA. 0+360.0 EP
21	STA. 0+119.5 EP	44	STA. 0+271.8 EP	67	STA. 0+361.6 EP
22	STA. 0+123.3 EP	45	STA. 0+275.7 EP	68	STA. 0+366.4 EP
23	STA. 0+131.4 EP	46	STA. 0+279.9 EP		
TOTAL = 68					

<b>NO.</b>	<b>STATION</b>	<b>DESCRIPTION</b>
1	STA. 0+036.1 EP	BURRIED
2	STA. 0+059.0 EP	BURRIED
3	STA. 0+081.6 EP	OUTFALL IS 710mm BELOW TOP OF PARAPET. PIPE DRAIN DIAMETER IS 120mm.
4	STA. 0+104.7 EP	OUTFALL IS 750mm BELOW TOP OF PARAPET. PIPE DRAIN DIAMETER IS 120mm.
5	STA. 0+127.9 EP	OUTFALL IS 750mm BELOW TOP OF PARAPET. DRAIN DIAMETER IS 180mm (NO PIPE, STUFFED WITH PLASTIC AND STONE).
6	STA. 0+145.8 EP	COOLING WATER OUTFALL IS 700mm BELOW TOP OF PARAPET. PIPE DRAIN DIAMETER IS 500mm.
7	STA. 0+181.7 EP	CENTER OF PIPE IS 760mm BELOW TOP OF PARAPET. PIPE DRAIN DIAMETER IS 350mm. THE PIPE IS BROKEN AND CORRODED ALSO A SMALLER CORRODED PIPE IS LOCATED INSIDE THIS PIPE. STEEL PLATE COVERING OPENING FROM INSIDE.
8	STA. 0+200.6 EP	140mm DIAMETER CORRUGATED PLASTIC PIPE BELOW PARAPET.
9	STA. 0+206.5 EP	OUTFALL IS 700mm BELOW TOP OF PARAPET. CIRCULAR DRAIN DIAMETER IS 100mm. PLASTIC BAG AND CONCRETE FILLED.
10	STA. 0+212.7 EP	140mm DIAMETER CORRUGATED PLASTIC PIPE BELOW PARAPET PIPE, CONCRETE FILLED, BROKEN AND CORRODED STEEL PIPE DRAIN OUTFALL LOCATED AT THE WATERLINE. PIPE DIAMETER IS 350mm.
11	STA. 0+232.7 EP	140mm DIAMETER CORRUGATED PLASTIC PIPE BELOW PARAPET.
12	STA. 0+265.0 EP	CENTRE LINE OF PIPE IS 850mm BELOW TOP OF PARAPET. 800mm DIAMETER PIPE DRAIN OUTFALL IS FILLED WITH CONCRETE.
<b>TOTAL = 12</b>		

## SMALL CRAFT HARBOURS CENTRAL AND ARCTIC REGION



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1 Detail No.

2 drawing no. — where detail required  
refers to MA—

3 drawing no. — where detailed  
refers to MA—

Stamp:



## NOTES

REVISIONS:		DATE:
1	ISSUED FOR TENDER	JUNE/23/2017

SCALE:

CLASS-

AS NOTED

PROJECT:

## 2017 EAST HARBOUR WALL REPAIRS

DESCRIPTION:

## DRAIN DETAILS AND TABLES

DRAWN

AV

DATE: \_\_\_\_\_

2017-03-31

APPROVED:

PL

DATE: \_\_\_\_\_

2017-03-31

LOCATION

WHEATLEY, ONTARIO

DRAWING NO.:

MA-12

LOCATOR CODE:

F2930-160026