

VICINITY MAP

NTS

THIS SHEET

INSET

KODIAK

NARROW STRAIT

MONASHKA BAY

WOMENS BAY

MIDDLE BAY

CHINIAK BAY

THIS PROJECT

PURPOSE: BOAT HARBOR REPLACEMENT

VICINITY MAP & LOCATION MAP

PROPOSED: ST. HERMAN HARBOR

IN: ST. HERMAN BAY

AT: KODIAK, AK

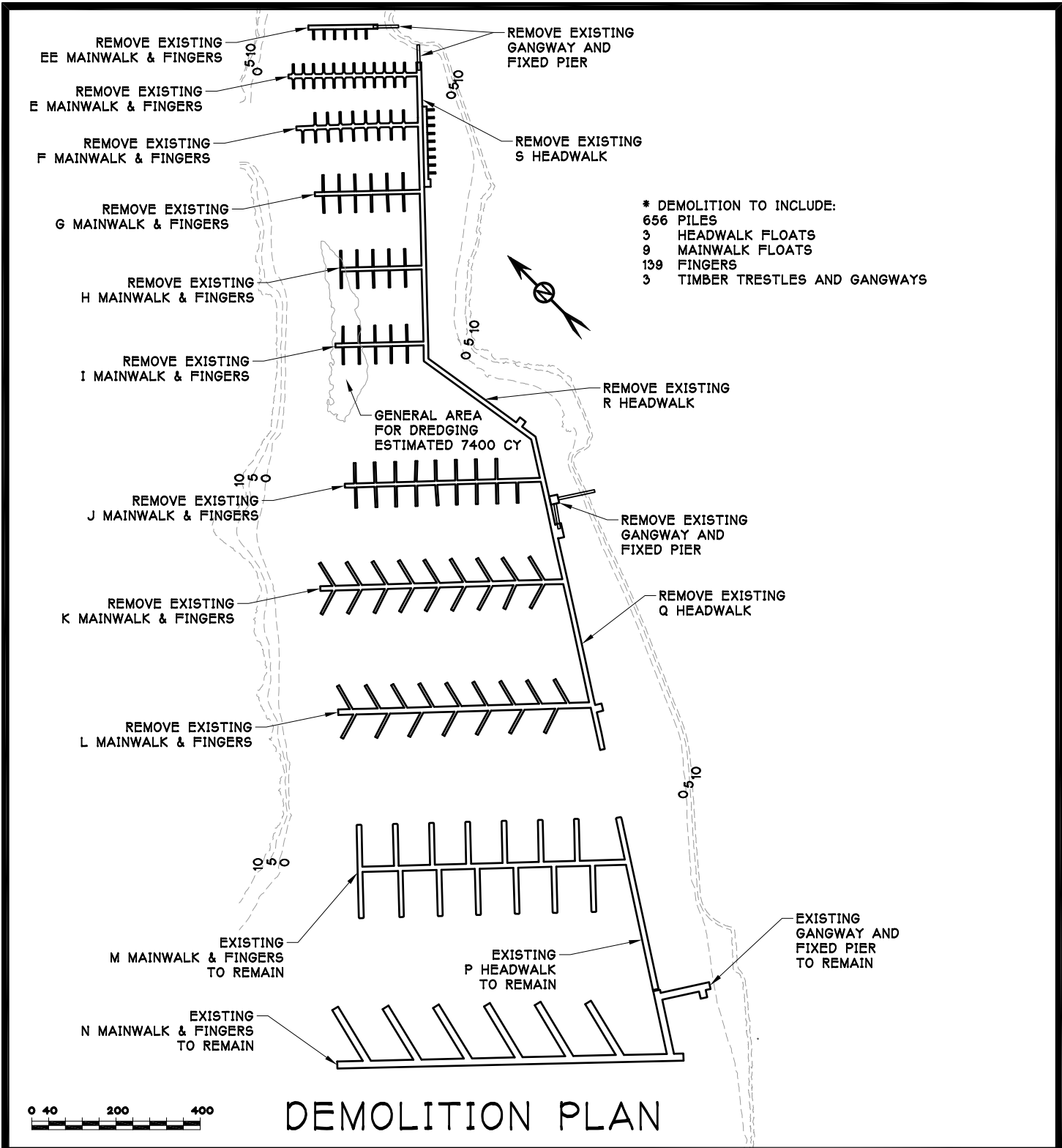
APPLICATION BY: CITY OF KODIAK

DATUM: HTL = 13.4'
MHW = 7.87'
MLLW = 0.0'

JOB NO. 17_140_A

DATE: 22 OCT 2024

SHEET: 1 OF 9



PURPOSE: BOAT HARBOR REPLACEMENT

DATUM: HTL = 13.4'
 MHW = 7.87'
 MLLW = 0.0'

DEMOLITION PLAN

JOB NO. 17_140_A

PROPOSED: ST. HERMAN HARBOR

IN: ST. HERMAN BAY

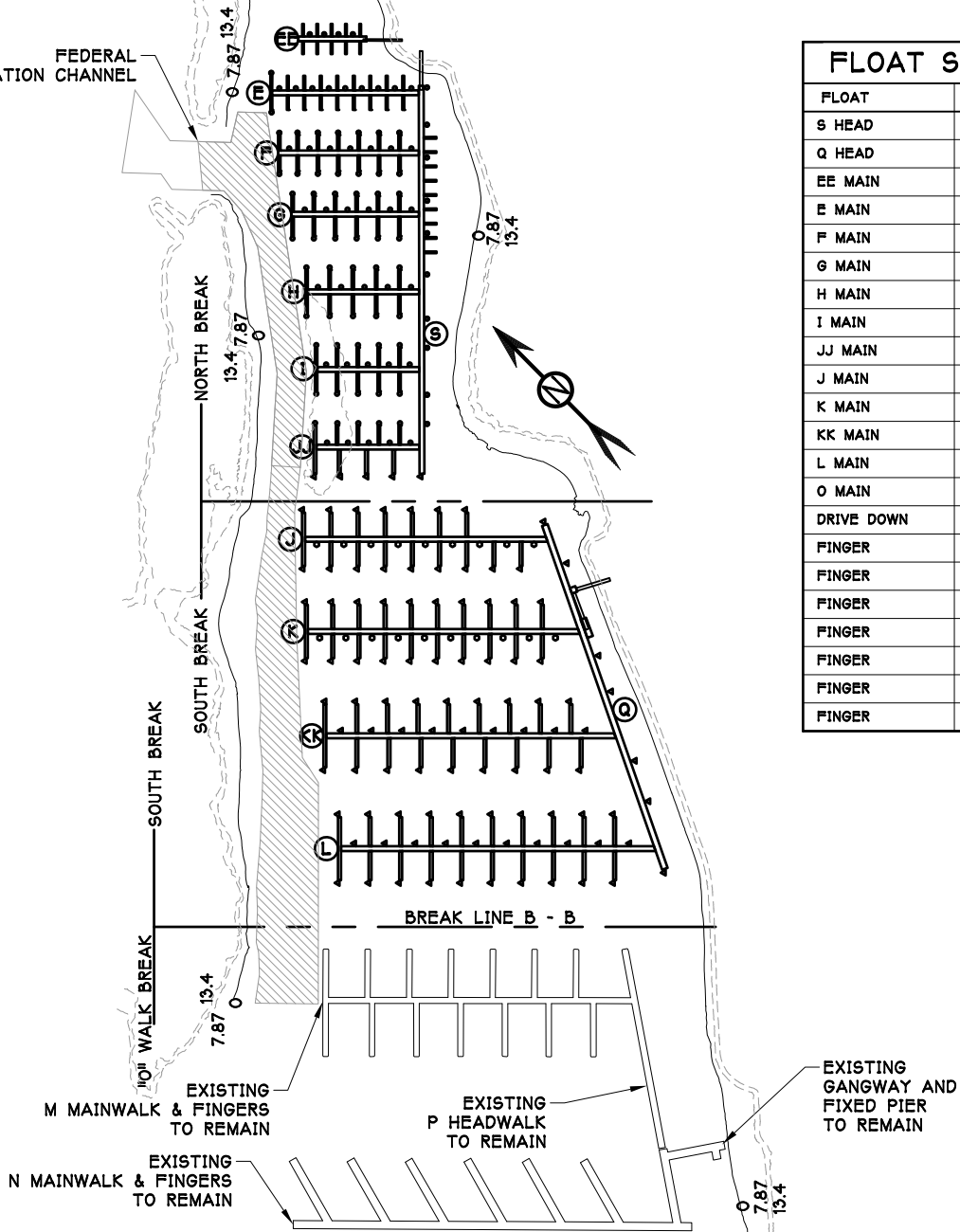
AT: KODIAK, AK

APPLICATION BY: CITY OF KODIAK

DATE: 22 OCT 2024

SHEET: 2 OF 9

FEDERAL
NAVIGATION CHANNEL



FLOAT SUMMARY

FLOAT	FLOAT SIZE
S HEAD	10' x 800'
Q HEAD	10' x 75'
EE MAIN	10' x 140'
E MAIN	10' x 306'
F MAIN	10' x 290'
G MAIN	10' x 263'
H MAIN	10' x 235'
I MAIN	10' x 216'
JJ MAIN	10' x 219'
J MAIN	10' x 506'
K MAIN	10' x 566'
KK MAIN	10' x 603'
L MAIN	10' x 655'
O MAIN	16' x 990'
DRIVE DOWN	80' x 120'
FINGER	3.5x26'
FINGER	4x30'
FINGER	5x32'
FINGER	5x40'
FINGER	6x50'
FINGER	6x60'
FINGER	12x120'

PROPOSED LAYOUT

PURPOSE: BOAT HARBOR
REPLACEMENT

SITE PLAN

PROPOSED: ST. HERMAN HARBOR

IN: ST. HERMAN BAY

AT: KODIAK, AK

DATUM:

HTL = 13.4'
MHW = 7.87'
MLLW = 0.0'

APPLICATION BY: CITY OF KODIAK

JOB NO. 17_140_A

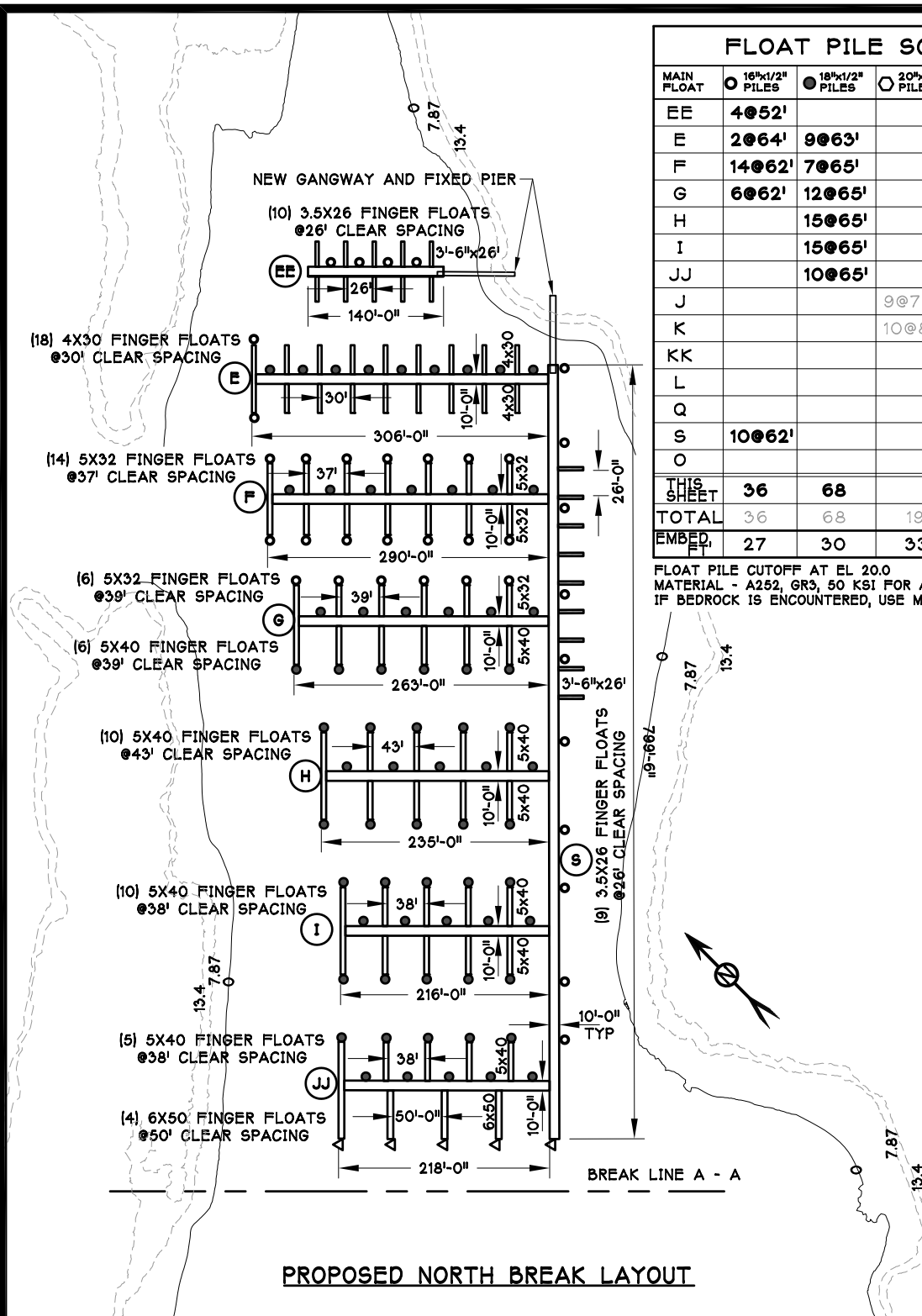
DATE: 22 OCT, 2024

SHEET: 3 OF 9

FLOAT PILE SCHEDULE

MAIN FLOAT	16"x1/2" PILES	18"x1/2" PILES	20"x1/2" PILES	24"x1/2" PILES	24"x3/4" PILES	30"x3/4" PILES
EE	4@52'					
E	2@64'	9@63'				
F	14@62'	7@65'				
G	6@62'	12@65'				
H		15@65'				
I		15@65'				
JJ		10@65'		4@72'		
J			9@75'	16@82'		
K			10@81'	20@88'		
KK					27@90'	
L					30@92'	
Q				4@72'	3@82'	
S	10@62'			1@76'		
O					6@90'	4.5@98'
THIS SHEET	36	68		5		
TOTAL	36	68	19	45	66	45
EMBED. FT	27	30	33	40	40	50

FLOAT PILE CUTOFF AT EL 20.0
 MATERIAL - A252, GR3, 50 KSI FOR ALL
 IF BEDROCK IS ENCOUNTERED, USE MIN 10 FOOT SOCKET INTO SOUND ROCK



PROPOSED NORTH BREAK LAYOUT

PURPOSE: BOAT HARBOR REPLACEMENT

NORTH SITE PLAN

PROPOSED: ST. HERMAN HARBOR

IN: ST. HERMAN BAY

AT: KODIAK, AK

APPLICATION BY: CITY OF KODIAK

DATUM: HTL = 13.4'
 MHW = 7.87'
 MLLW = 0.0'

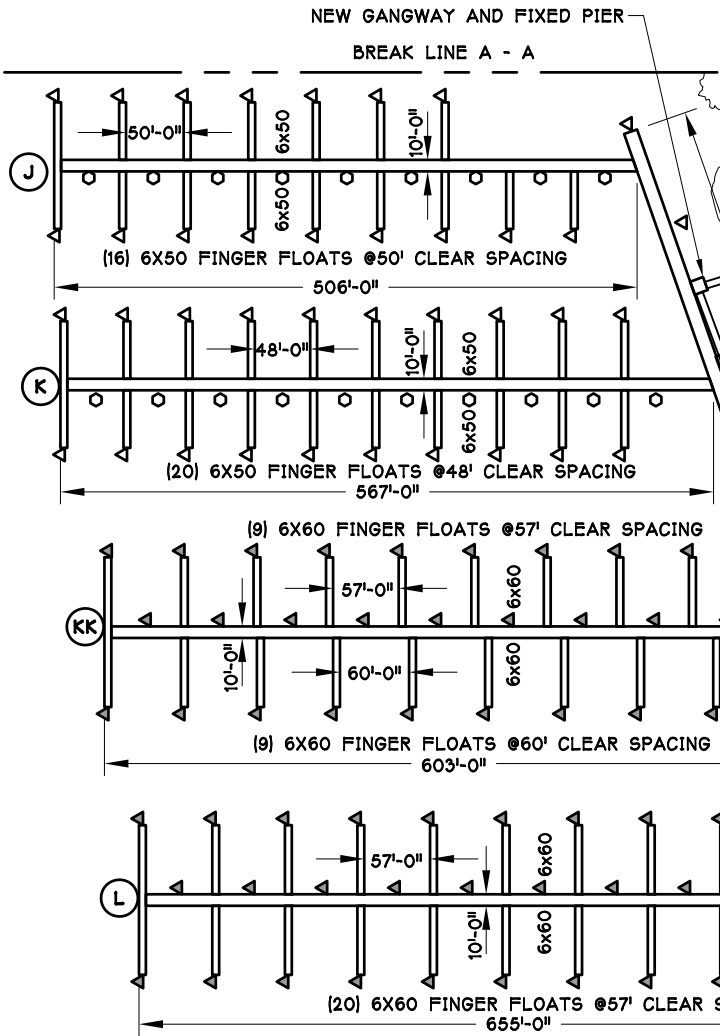
JOB NO. 17_140_A

DATE: 22 OCT, 2024

SHEET: 4 OF 9

FLOAT PILE SCHEDULE

MAIN FLOAT	16"x1/2" PILES	18"x1/2" PILES	20"x1/2" PILES	24"x1/2" PILES	24"x3/4" PILES	30"x3/4" PILES
EE	4@52'					
E	2@64'	9@63'				
F	14@62'	7@65'				
G	6@62'	12@65'				
H		15@65'				
I		15@65'				
JJ		10@65'		4@72'		
J			9@75'	16@82'		
K			10@81'	20@88'		
KK					27@90'	
L					30@92'	
Q				4@72'	3@82'	
S	10@62'			1@76'		
O					6@90'	45@98'
THIS SHEET			19	40	60	
TOTAL	36	68	19	45	66	45
EMBED.	27	30	33	40	40	50



FLOAT PILE CUTOFF AT EL 20.0
 MATERIAL - A252, GR3, 50 KSI FOR ALL
 IF BEDROCK IS ENCOUNTERED, USE MIN 10 FOOT SOCKET INTO SOUND ROCK

PROPOSED SOUTH BREAK LAYOUT

PURPOSE: BOAT HARBOR REPLACEMENT

SOUTH SITE PLAN

PROPOSED: ST. HERMAN HARBOR

DATUM: HTL = 13.4'
 MHW = 7.87'
 MLLW = 0.0'

IN: ST. HERMAN BAY

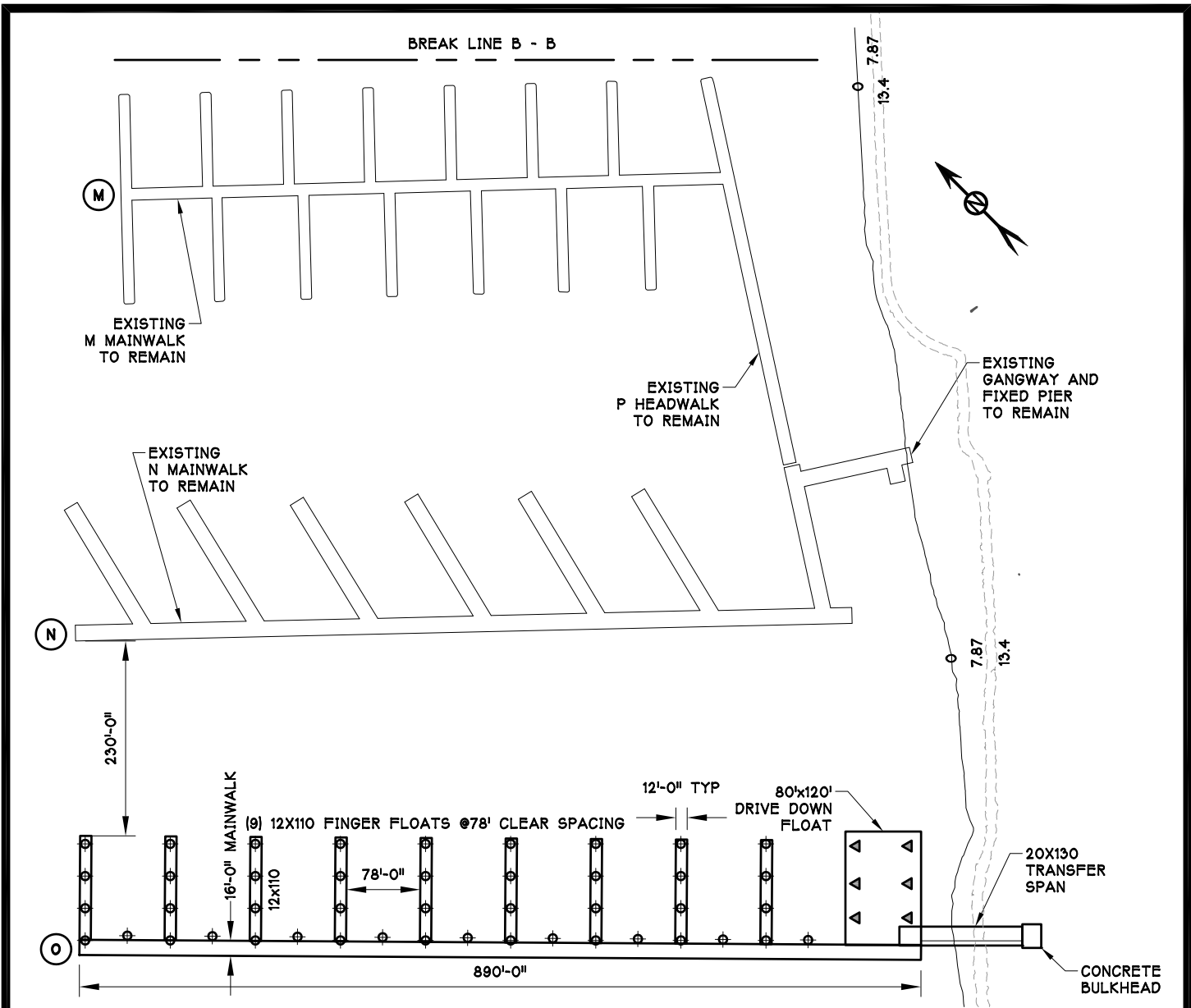
AT: KODIAK, AK

APPLICATION BY: CITY OF KODIAK

JOB NO. 17_140_A

DATE: 22 OCT, 2024

SHEET: 5 OF 9

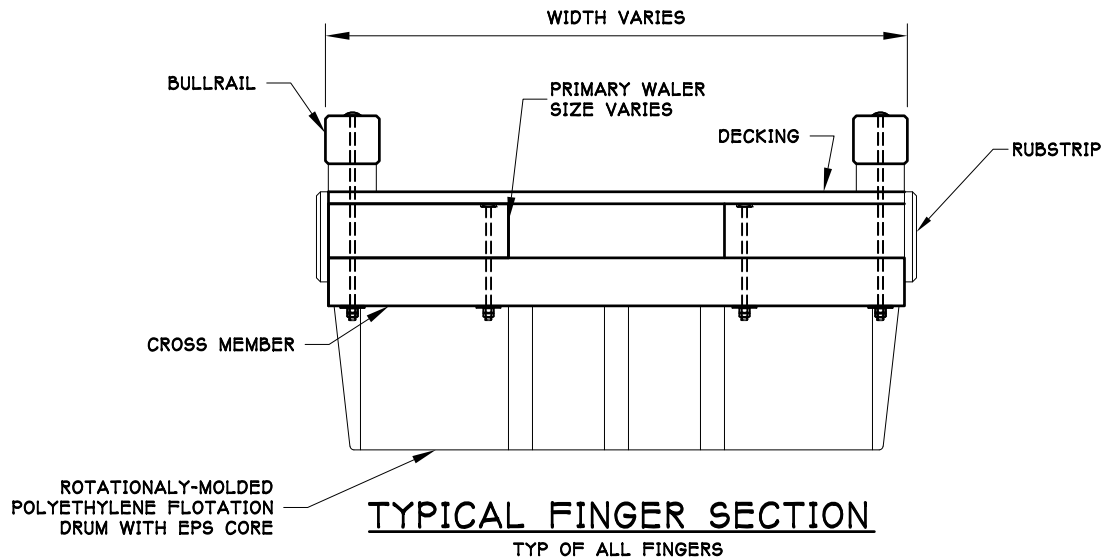
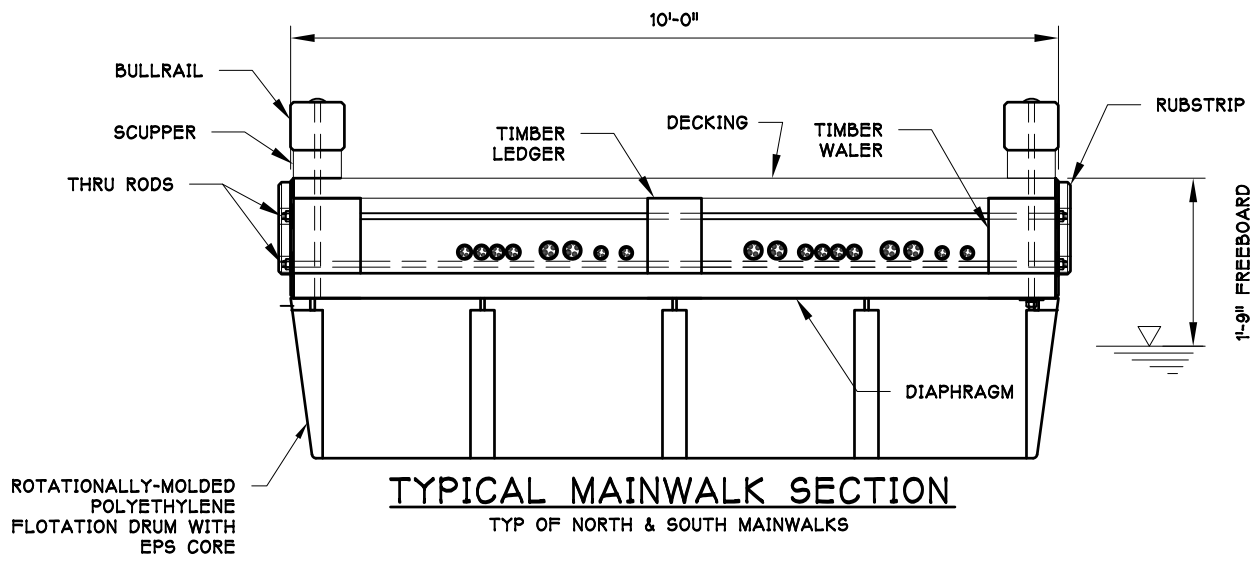


PROPOSED "O" WALK BREAK LAYOUT

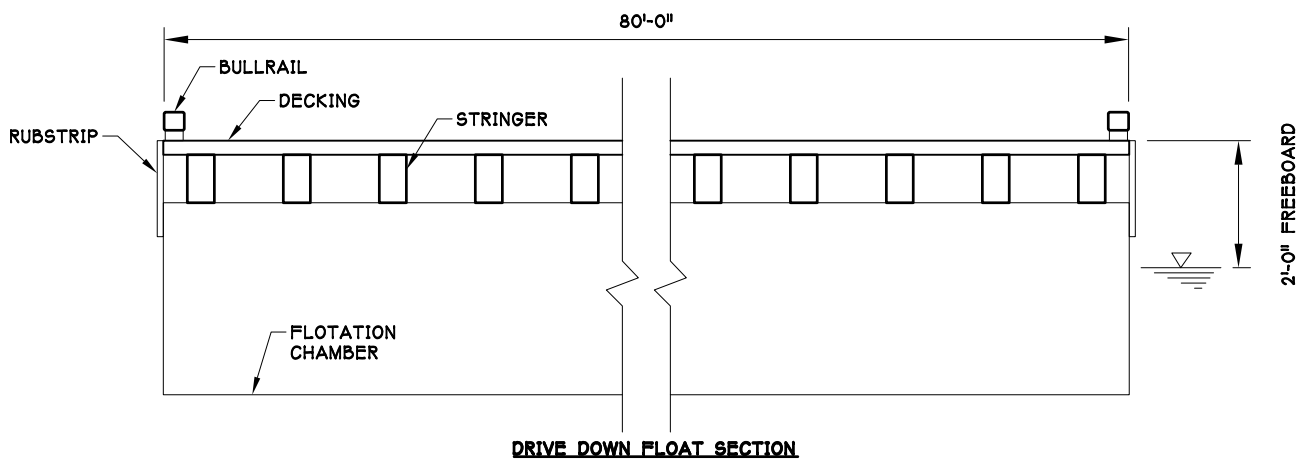
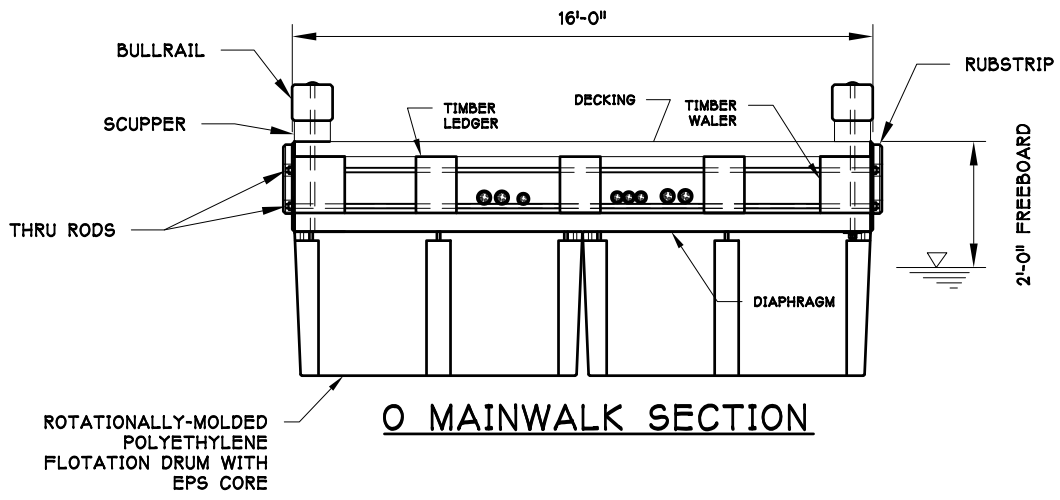
FLOAT PILE SCHEDULE			
MAIN FLOAT		▲ 24"x3/4" PILES	⊕ 30"x3/4" PILES
O			45@98'
DRIVE DOWN		6@90'	
TOTAL	THIS SHEET	6	45
EMBED, FT		40	50

FLOAT PILE CUTOFF AT EL 20.0
 MATERIAL - A252, GR3, 50 KSI FOR ALL
 IF BEDROCK IS ENCOUNTERED,
 USE MIN 10 FOOT SOCKET INTO SOUND ROCK

PURPOSE: BOAT HARBOR REPLACEMENT DATUM: HTL = 13.4' MHW = 7.87' MLLW = 0.0'	"O" WALK SITE PLAN JOB NO. 17_140_A	PROPOSED: ST. HERMAN HARBOR
		IN: ST. HERMAN BAY AT: KODIAK, AK APPLICATION BY: CITY OF KODIAK
		DATE: 22 OCT, 2024
		SHEET: 6 OF 9



<p>PURPOSE: BOAT HARBOR REPLACEMENT</p> <p>DATUM:</p> <p>HTL = 13.4' MHW = 7.87' MLLW = 0.0'</p>	<p>FLOAT SECTIONS</p> <p>JOB NO. 17_140_A</p>	<p>PROPOSED: ST. HERMAN HARBOR</p> <p>IN: ST. HERMAN BAY</p> <p>AT: KODIAK, AK</p> <p>APPLICATION BY: CITY OF KODIAK</p> <p>DATE: 22 OCT 2024</p> <p>SHEET: 7 OF 9</p>
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PURPOSE: **BOAT HARBOR
REPLACEMENT**

10" FLOTATION SECTION

PROPOSED: **ST. HERMAN HARBOR**

IN: **ST. HERMAN BAY**

AT: **KODIAK, AK**

DATUM:

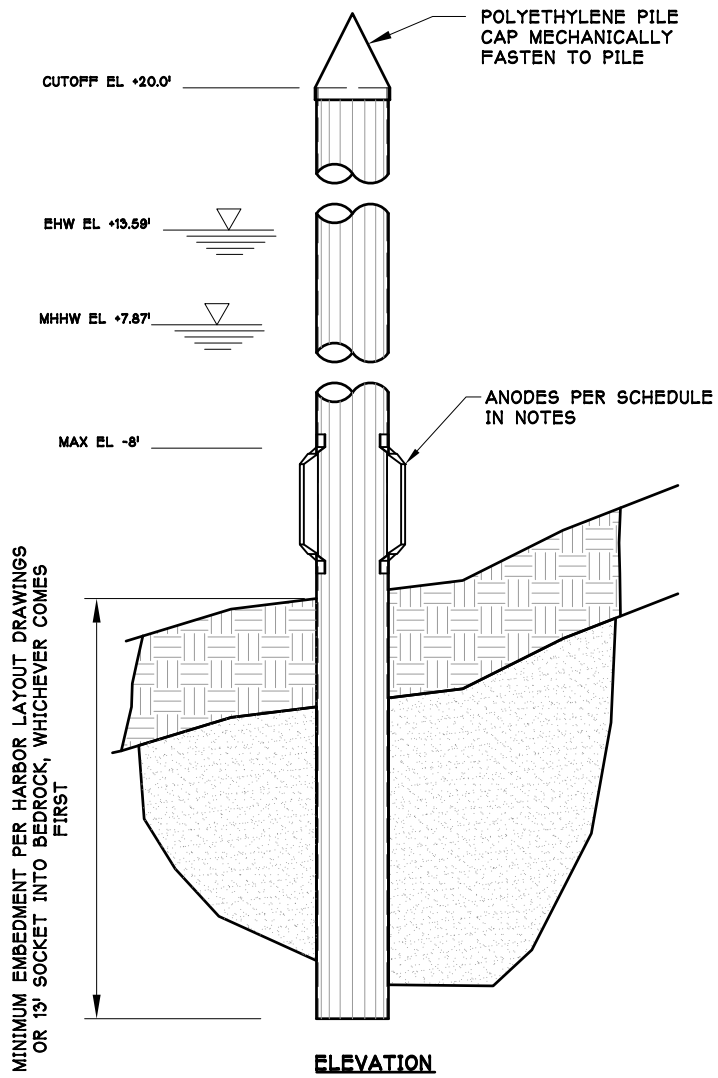
HTL = **13.4'**
MHW = **7.87'**
MLLW = **0.0'**

APPLICATION BY: **CITY OF KODIAK**

JOB NO. **17_140_A**

DATE: **22 OCT, 2024**

SHEET: **8** OF **9**



PILE DETAILS - OVERBURDEN W/ BEDROCK
16", 18", 20", 24" PILES

NOTES:

1. USE A252 GR 3, MIN Fy = 50 KSI FOR 16"x1/2" WALL, 18" AND 24" PILE
2. USE A252 GR 2, MIN Fy = 36 KSI OR BETTER FOR 16"x3/8" WALL
3. HOT DIP GALVANIZE PILE
4. SEE SHEET 4, 5, 6, FOR PILE SCHEDULE.

PURPOSE: BOAT HARBOR REPLACEMENT DATUM: <table style="margin-left: 20px;"> <tr><td>HTL =</td><td>13.4'</td></tr> <tr><td>MHW =</td><td>7.87'</td></tr> <tr><td>MLLW =</td><td>0.0'</td></tr> </table>	HTL =	13.4'	MHW =	7.87'	MLLW =	0.0'	PILE DETAILS JOB NO.	PROPOSED: ST. HERMAN HARBOR IN: ST. HERMAN BAY AT: KODIAK, AK APPLICATION BY: CITY OF KODIAK DATE: 22 OCT, 2024
HTL =	13.4'							
MHW =	7.87'							
MLLW =	0.0'							
		SHEET: 9 OF 9						