

KITZEN PROPERTY

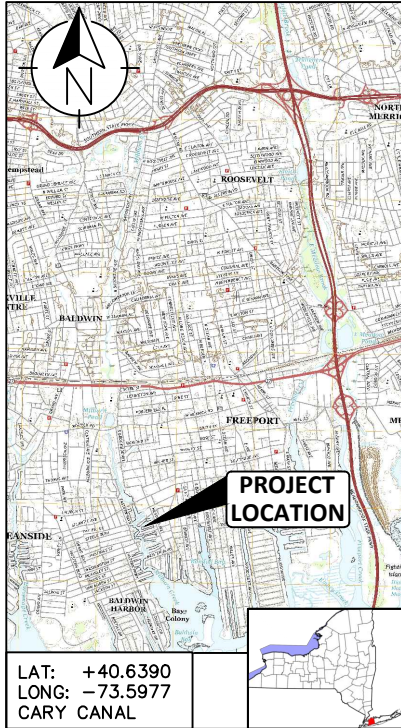
150 CARY PLACE

FREEPORT, NY 11520

25 APRIL 2019

REGULATORY PERMIT APP.
NOT FOR CONSTRUCTION

LOCATION MAP



PROJECT INFORMATION

LOCATION

COMMERCIAL PROPERTY OF MR. IRA KITZEN, 150 CARY PLACE, IN THE TOWN OF HEMPSTEAD, NASSAU COUNTY, NEW YORK ALONG CARY CANAL.

PROJECT NOTIFICATION

COMMENCEMENT NOTIFICATION TO REGULATORY AGENCY SHALL BE SUBMITTED, AS REQUIRED, BY SELECTED CONTRACTOR PRIOR TO THE START OF WORK.

GENERAL CONTACT INFORMATION

RISEING TIDE WATERFRONT SOLUTIONS, PLLC
486 SUNRISE HIGHWAY, SUITE 102
ROCKVILLE CENTRE, NY 11570
PHONE: 516-595-3483
EMAIL: CONTACT@RT-WS.COM

DEFINITION(S)

AUTHORITY: MR. STEVEN KITZEN
ENGINEER: RISEING TIDE WATERFRONT SOLUTIONS, PLLC
CONTRACTOR: TO BE DETERMINED

REVISION(S)

A: REGULATORY PERMIT APP. 04-25-19

SKETCH INDEX

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SK-2 PROJECT MAP
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SK-8 BULKHEAD WITH FLOATING DOCK

REF: FREEPORT QUADRANGLE NY-NASSAU
CO. 7.5-MINUTE SERIES

TIDAL CHART ELEVATION(S)			
POSITION	MLW	NAVD88	DESCRIPTION
MHWS	+4.7	+2.5	MEAN HIGH WATER SPRING
MHHW	+4.4	+2.2	MEAN HIGHER HIGH WATER
MHW	+4.1	+1.9	MEAN HIGH WATER
MSL	+2.1	-0.1	MEAN SEA LEVEL
MLW	±0.0	-2.2	MEAN LOW WATER
MLLW	-0.1	-2.3	MEAN LOWER LOW WATER

PROJECT DESCRIPTION

REMOVE AND REPLACE 72 LINEAR FEET OF LAWFULLY EXISTING BULKHEAD, EXCLUDING RETURNS, WITHIN THE LITTORAL ZONE (DEF: 6 NYCRR PART 661). INSTALL STACKED 8X8 TIMBER WALES ALONG EXISTING 98 LINEAR FEET OF BULKHEAD TO RAISE ELEVATION TO 5.9 IN ACCORDANCE WITH VILLAGE OF FREEPORT BUILDING CODE REQUIREMENTS. PROJECT INCLUDES MAINTENANCE DREDGING TEN (10) FT SEAWARD OF THE BULKHEAD TO A DEPTH OF 4 FT BELOW THE MEAN LOW WATER ELEVATION. INSTALL 40X5-FT (200 SF) FLOATING DOCK, 15X3-FT (45 SF) ACCESS GANGWAY AND A 6X5-FT (30 SF) KNEE DOCK.

SHEET NO. SK-1 1 of 8 SHEET(S)	PROJECT NO. P190408.00	PROJECT KITZEN PROPERTY PREPARED FOR MR. STEVEN KITZEN LOCATED AT 150 CARY PLACE FREEPORT, NY 11520 CARY CANAL NASSAU COUNTY	SCALE N/A	Rising Tide Waterfront Solutions 486 SUNRISE HIGHWAY, SUITE 102 ROCKVILLE CENTRE, NEW YORK 11570 SHEET TITLE SHEET & LOCATION MAP
	DRAWN BY JWK		DATE 04/25/19	
	CHECKED BY AMA		REVISION NO. A	



PROJECT MAP

LEGEND:



PHOTO LOCATION

SCALE: 1"=30'-0"



SHEET NO. SK-2 2 of 8 SHEET(S)	PROJECT NO. P190408.00	PROJECT KITZEN PROPERTY PREPARED FOR MR. STEVEN KITZEN LOCATED AT 150 CARY PLACE FREEPORT, NY 11520 CARY CANAL NASSAU COUNTY	SCALE 1"=30'-0"	Rising Tide Waterfront Solutions 486 SUNRISE HIGHWAY, SUITE 102 ROCKVILLE CENTRE, NEW YORK 11570
	DRAWN BY JWK		DATE 04/25/19	
	CHECKED BY AMA		REVISION NO. A	SHEET PROJECT MAP

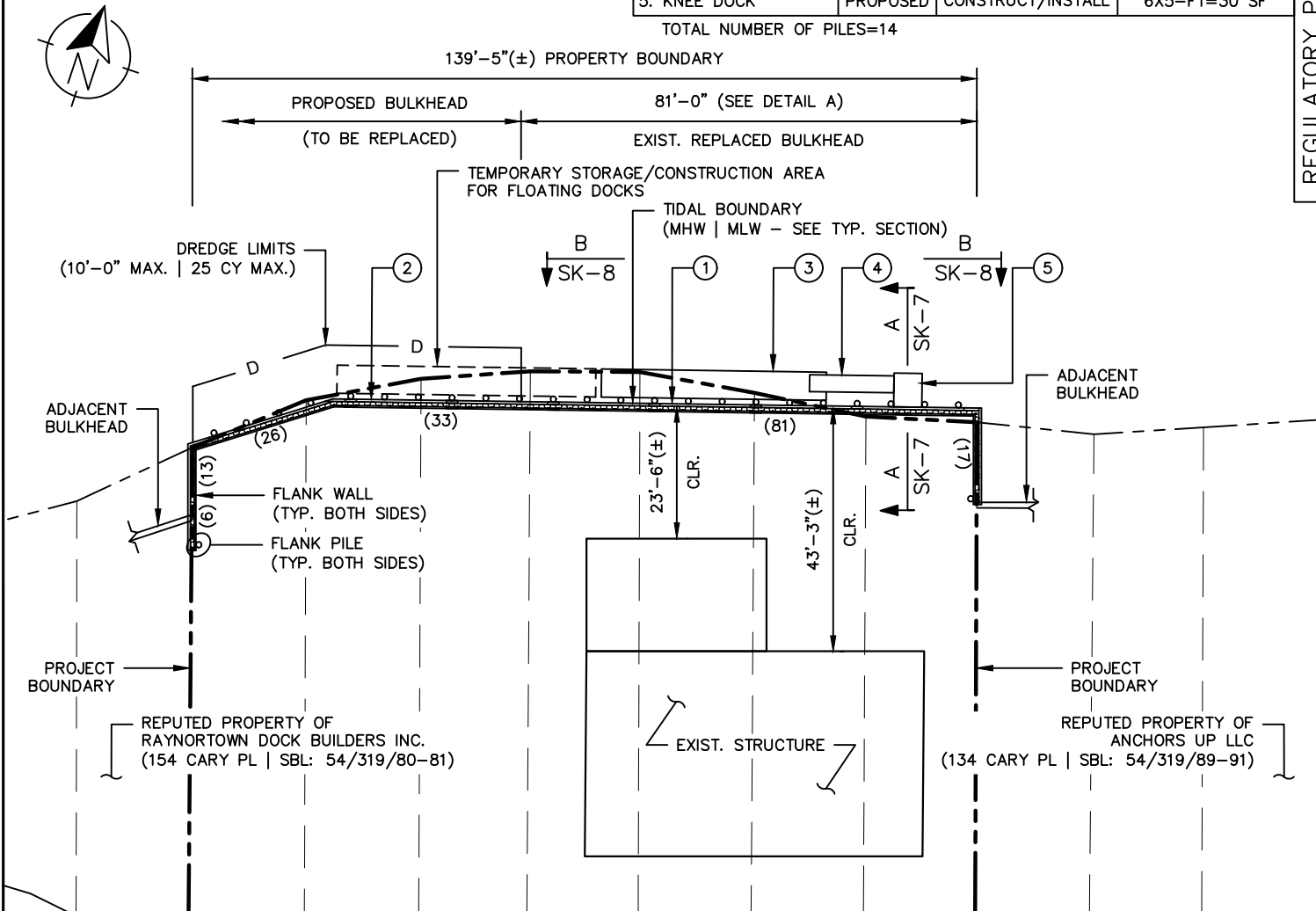
CARY CANAL
WD.=35'-0" (±)



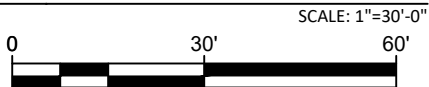
ITEM	STATE	ACTION	SIZE
1. BULKHEAD	EXIST.	CONSTRUCT/INSTALL	98 LF
2. BULKHEAD	PROPOSED	CONSTRUCT/INSTALL	72 LF
3. FLOATING DOCK	PROPOSED	CONSTRUCT/INSTALL	40X5-FT=200 SF
4. ACCESS GANGWAY	PROPOSED	CONSTRUCT/INSTALL	15X3-FT=45 SF
5. KNEE DOCK	PROPOSED	CONSTRUCT/INSTALL	6X5-FT=30 SF

TOTAL NUMBER OF PILES=14

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FACILITY PLAN



CARY PLACE

T/BULKHEAD EL. +5.9

T/BULKHEAD EL. +4.9
(MATCH EXIST.)

PROPOSED TIMBER PILE

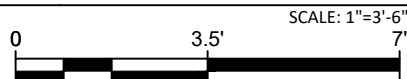
STACKED 8X8 (NOTE A)
(AS REQ'D)

PROPOSED SHEET PILE

NOTE A:
INSTALL STACKED 8X8 ALONG
EXIST. BULKHEAD TO ELEVATION
OF +5.9 (NAVD88) IN
ACCORDANCE WITH VILLAGE OF
FREEPORT BUILDING CODE
REQUIREMENTS.

A

DETAIL



LEGEND:

(XX) PROPOSED BULKHEAD LENGTH IN FEET

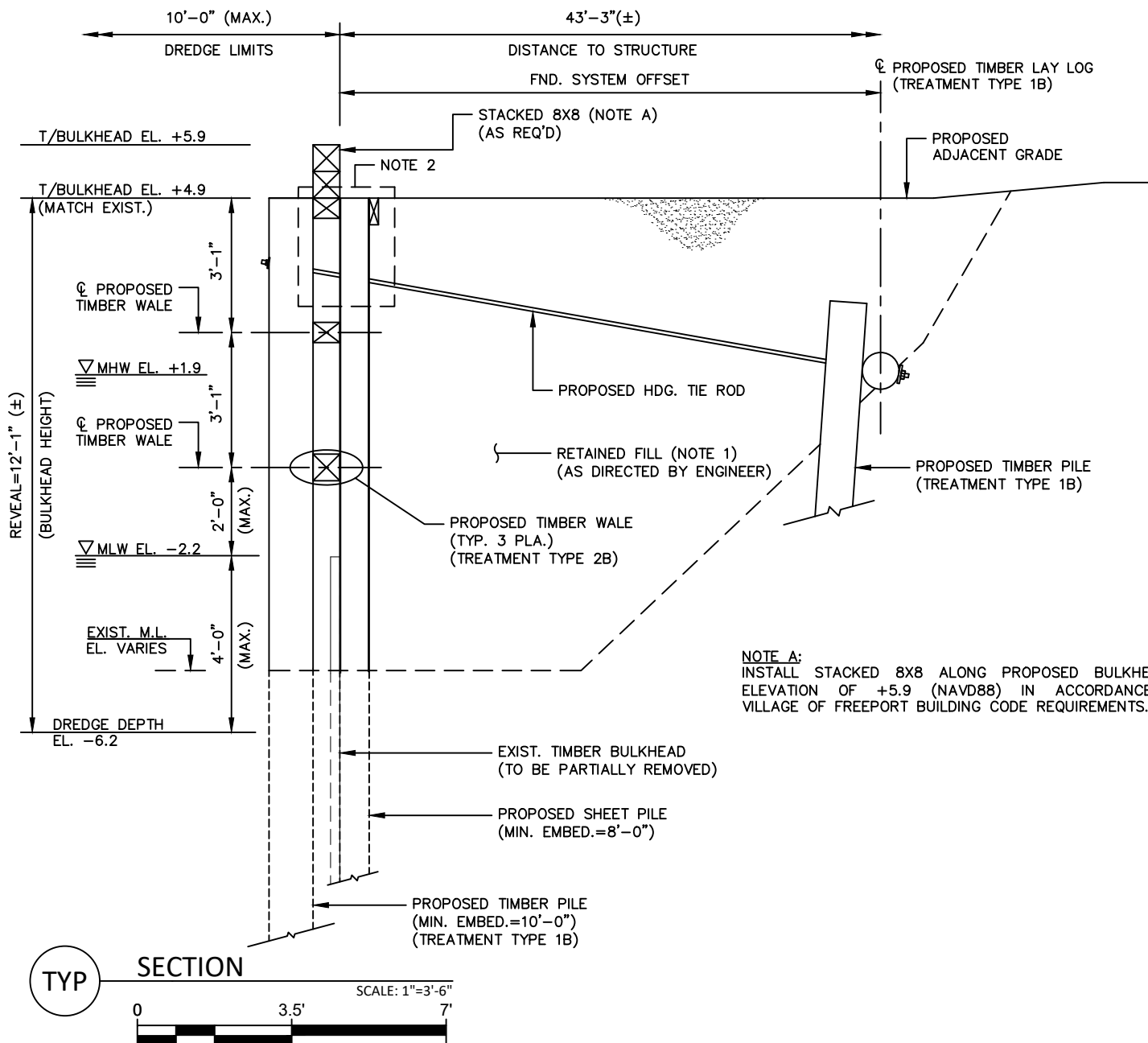
SHEET NO. SK-3 3 of 8 SHEET(S)	PROJECT NO. P190408.00	PROJECT KITZEN PROPERTY PREPARED FOR MR. STEVEN KITZEN LOCATED AT 150 CARY PLACE FREEPORT, NY 11520 CARY CANAL NASSAU COUNTY	SCALE AS NOTED	Rising Tide Waterfront Solutions 486 SUNRISE HIGHWAY, SUITE 102 ROCKVILLE CENTRE, NEW YORK 11570
	DRAWN BY JWK		DATE 04/25/19	
	CHECKED BY AMA		REVISION NO. A	SHEET FACILITY PLAN

NOTE(S):

1. **FILL:** ALL FILL WILL BE CLEAN FREE DRAINING FREE OF CONTAMINANTS AND REGULATED WASTES INCLUDING CONSTRUCTION DEBRIS THAT IS SOURCED FROM NYS DEC APPROVED SITE.
2. **BULKHEAD ELEVATION:** T/PROPOSED BULKHEAD TO BE RAISED 28.8 INCHES HIGHER THAN EXISTING T/BULKHEAD ELEVATION TO BE IN ACCORDANCE WITH VILLAGE OF FREEPORT BUILDING CODE REQUIREMENTS.

TIMBER TREATMENT

TREATMENT TYPE	ELEMENT	RETENTION	DESCRIPTION
1A	PILES	1.5	CCA TREATED PER LATEST AWPAS STANDARDS, COMMODITY SPECIFICATION A.P 3.0
1B		2.5	
2A	FRAMING	1.5	CCA TREATED PER LATEST AWPAS STANDARDS, COMMODITY SPECIFICATION A.P 3.0
2B		2.5	
3A		1.5	ACQ TREATED PER AWPAS ACQ-D
3B		2.5	

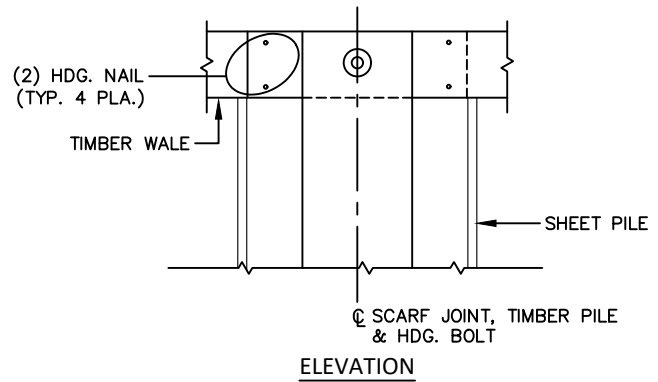
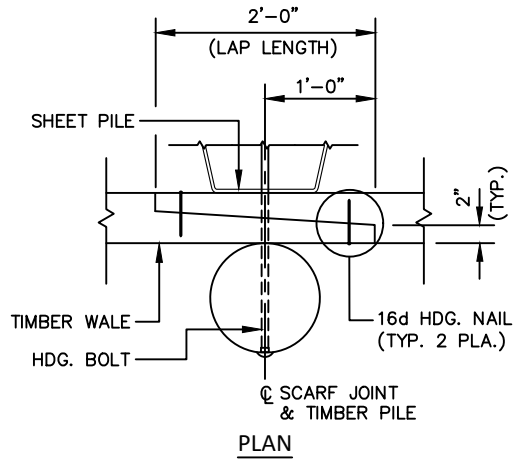


NOTE A:
INSTALL STACKED 8X8 ALONG PROPOSED BULKHEAD TO ELEVATION OF +5.9 (NAVD88) IN ACCORDANCE WITH VILLAGE OF FREEPORT BUILDING CODE REQUIREMENTS.

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ALL ELEVATIONS IN NAVD 88

SHEET NO. SK-4 4 of 8 SHEET(S)	PROJECT NO. P190408.00	PROJECT KITZEN PROPERTY PREPARED FOR MR. STEVEN KITZEN LOCATED AT 150 CARY PLACE FREEPORT, NY 11520 CARY CANAL NASSAU COUNTY	SCALE 1"=3'-6"	Rising Tide Waterfront Solutions 486 SUNRISE HIGHWAY, SUITE 102 ROCKVILLE CENTRE, NEW YORK 11570 SHEET BULKHEAD SECTION & DETAILS
	DRAWN BY JWK		DATE 04/25/19	
	CHECKED BY AMA		REVISION NO. A	



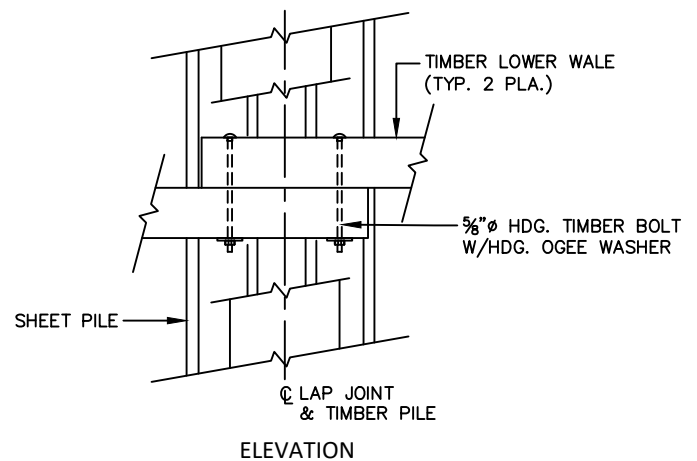
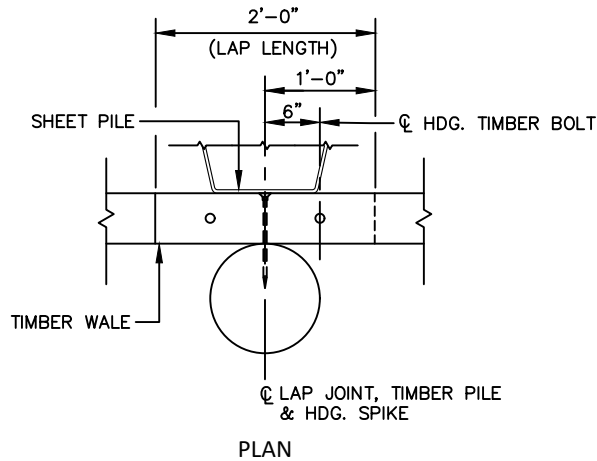
TYP

DETAIL

SCARF JOINT

NOTE: TOP WALE AS SHOWN / LOWER WALE(S) SIM.

SCALE: 1"=3'-6"

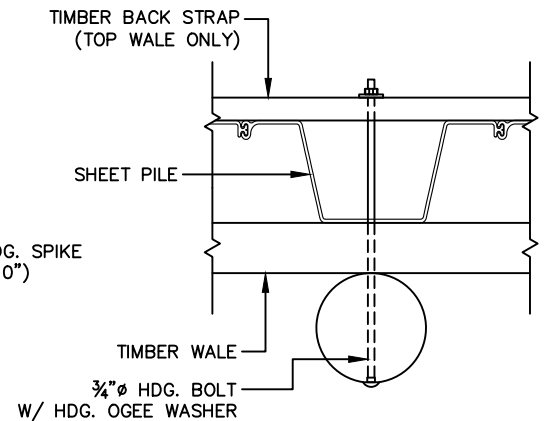
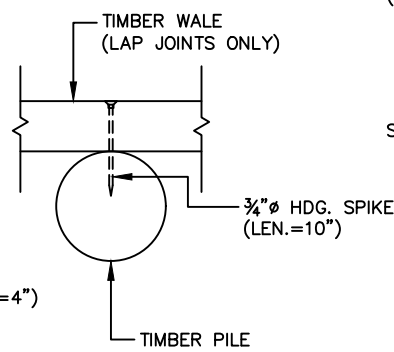
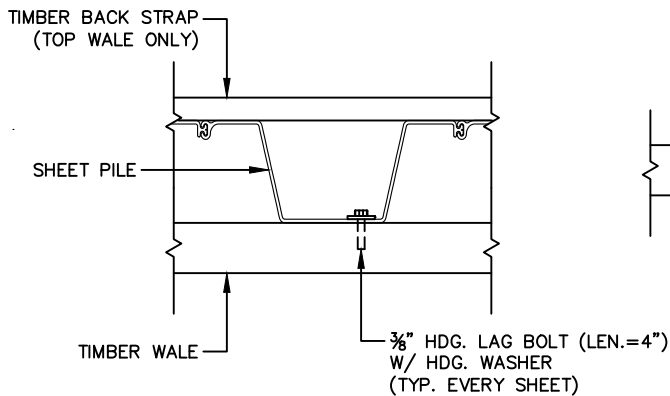


TYP

DETAIL

LAP JOINT

SCALE: 1"=3'-6"

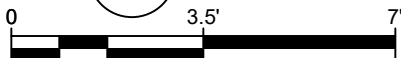


TYP

DETAIL

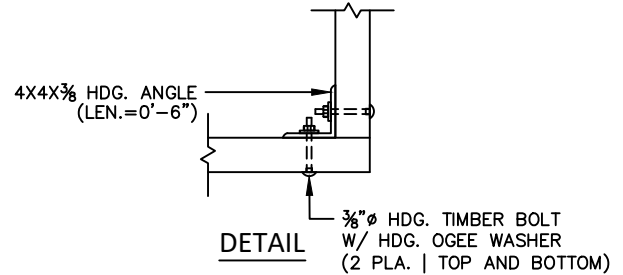
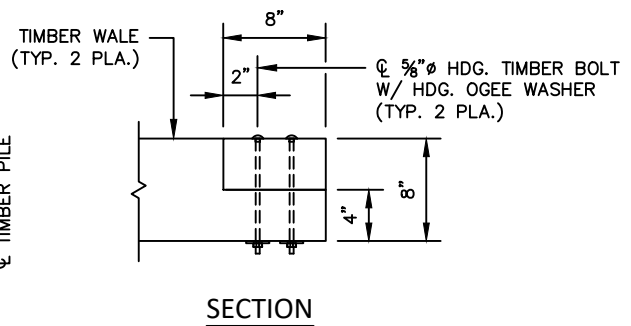
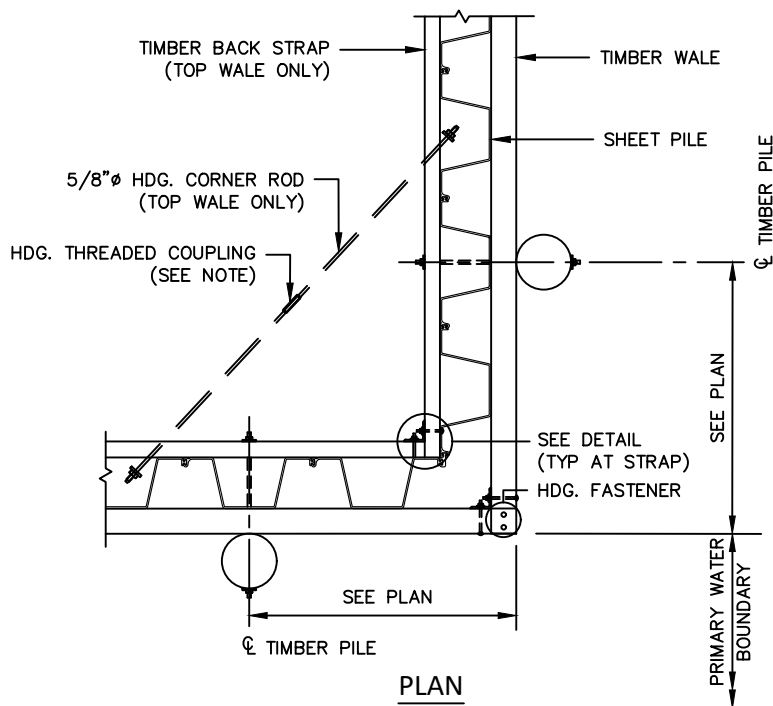
MISCELLANEOUS CONNECTION(S)

SCALE: 1"=3'-6"

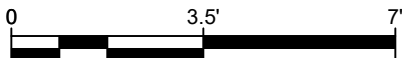


NOTE: CONTRACTOR MAY USE SCARF JOINT(S) IN LIEU OF LAP JOINT(S) AT LOWER WALES. PROVIDE SIMILAR CONNECTION AS UPPER WALE TO PILE.

SHEET NO. SK-5 5 of 8 SHEET(S)	PROJECT NO. P190408.00 DRAWN BY JWK CHECKED BY AMA	PROJECT KITZEN PROPERTY PREPARED FOR MR. STEVEN KITZEN LOCATED AT 150 CARY PLACE FREEPORT, NY 11520 CARY CANAL NASSAU COUNTY	SCALE 1"=3'-6" DATE 04/25/19 REVISION NO. A	Rising Tide Waterfront Solutions 486 SUNRISE HIGHWAY, SUITE 102 ROCKVILLE CENTRE, NEW YORK 11570 SHEET BULKHEAD CONNECTION DETAILS
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TYP **DETAIL**
CORNER JOINT(S) SCALE: 1"=3'-6"

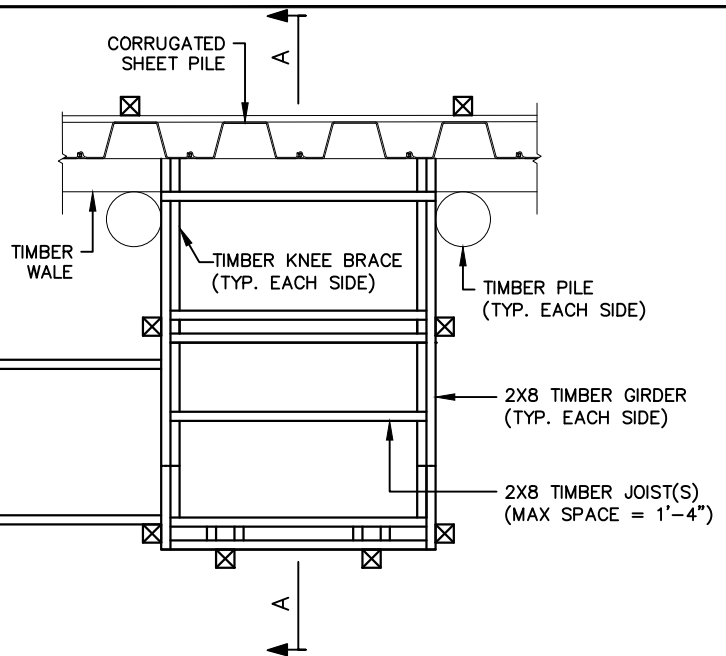


SHEET NO. SK-6 6 of 8 SHEET(S)	PROJECT NO. P190408.00	PROJECT KITZEN PROPERTY PREPARED FOR MR. STEVEN KITZEN LOCATED AT 150 CARY PLACE FREEPORT, NY 11520 CARY CANAL NASSAU COUNTY	SCALE 1"=3'-6"	Rising Tide Waterfront Solutions 486 SUNRISE HIGHWAY, SUITE 102 ROCKVILLE CENTRE, NEW YORK 11570 SHEET BULKHEAD CORNER DETAILS
	DRAWN BY JWK		DATE 04/25/19	
	CHECKED BY AMA		REVISION NO. A	

- NOTES:**
1. ALL FASTENERS SHALL BE $\frac{5}{8}$ " HDG. TIMBER BOLTS W/ HDG. OGEE WASHERS OR APPROVED EQUIVALENT.
 2. CONTRACTOR SHALL PROVIDE 8X8 TOP TIMBER WALE AT LOCATION OF KNEE DOCK.

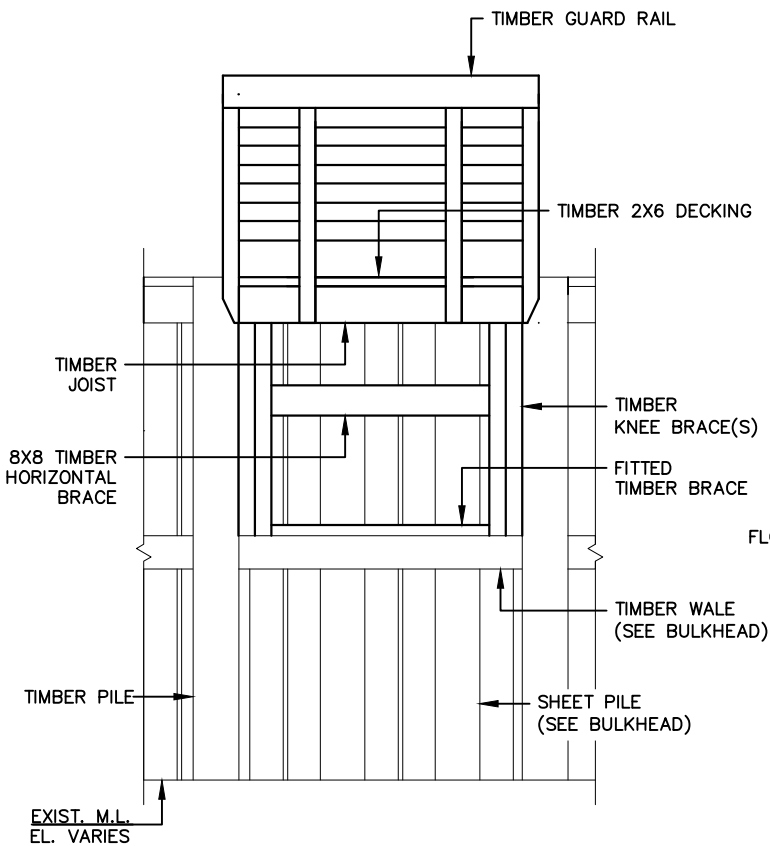
FLOATING DOCK
(SEE FACILITY PLAN)

GANGWAY
(SEE FACILITY PLAN)

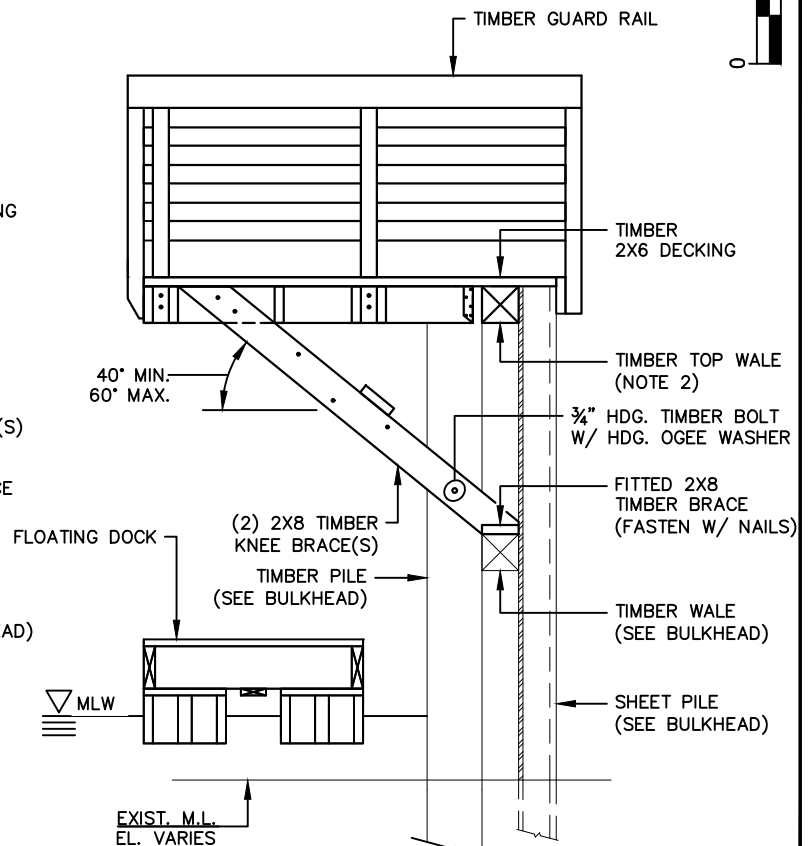


NOTE: DOCK PLANKS & HAND RAILS NOT SHOWN

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NOTE: GANGWAY & FLOATING DOCK NOT SHOWN

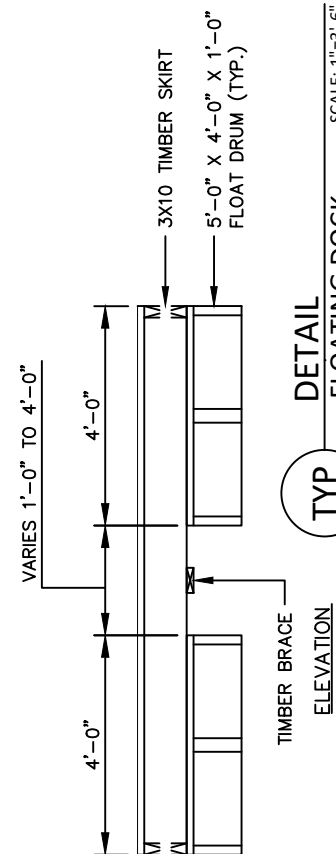


A
SK-3

SECTION

NOTE: GANGWAY NOT SHOWN

SHEET NO. SK-7 7 of 8 SHEET(S)	PROJECT NO. P190408.00 DRAWN BY JWK CHECKED BY AMA	PROJECT KITZEN PROPERTY PREPARED FOR MR. STEVEN KITZEN LOCATED AT 150 CARY PLACE FREEPORT, NY 11520 CARY CANAL NASSAU COUNTY	SCALE 1"=3'-6" DATE 04/25/19 REVISION NO. A	Rising Tide Waterfront Solutions 486 SUNRISE HIGHWAY, SUITE 102 ROCKVILLE CENTRE, NEW YORK 11570 SHEET KNEE DOCK SECTION & DETAILS
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SCALE: 1 = 3 - 6

3.5'

2

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BULKHEAD WITH FLOATING DOCK