

TABLE OF ESTIMATED REPAIR QUANTITIES

UNDER DECK ITEMS SHEETS S-101 TO S-110	ESTIMATED REPAIR QUANTITIES LISTED IN SPECIFICATIONS
☑ TIMBER REPAIR 8 X 8 - L.F. OF TIMBER	226 LF
☑ TIMBER REPAIR 9 X 9 - L.F. OF TIMBER	1480 LF
☐ PILES THAT REQUIRE PILE JACKET - LF OF JACKET	3710 LF
— TIMBER BRACING REPLACEMENT 3 X 10	9600 LF
▨ UNDERDECK SOFFIT SPALL	2940 SF
▨ UNDERDECK PILE CAP OR BEAM SPALL	1240 SF
3/4" Ø GALV. STEEL BOLT ASSEMBLIES	2480 EA
1" Ø GALV. STEEL BOLT ASSEMBLIES	725 EA
REINFORCING STEEL	6 TONS

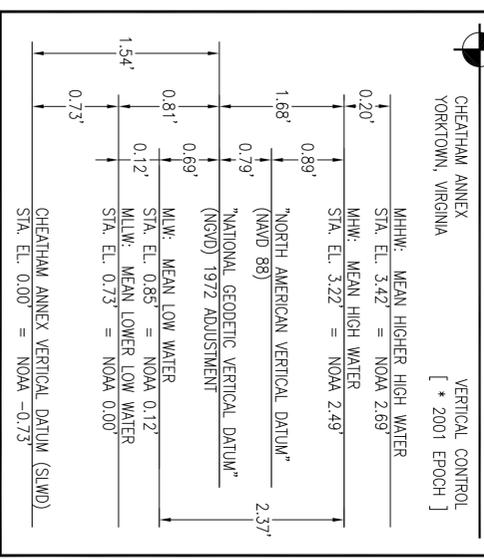
TABLE OF DEMOLITION QUANTITIES

ITEM, SHEETS SD101 THRU SD104	QUANTITY
TIMBER FENDER PILES	60 EA
TIMBER WALES AND CHOCKS	380 LF
BASE BID SAWCUT CONCRETE FOR BATTER PILES (24)	480 LF
BASE BID CHIP OUT DEMO CONCRETE FOR BATTER PILES	88.5 CY
OPTION 1 SAWCUT CONCRETE FOR BATTER PILES (24)	576 LF
OPTION 1 CHIP OUT DEMO CONCRETE FOR BATTER PILES	99.6 CY
OPTION 2 CAD BLDG. 209 DEMOLITION	2,075.4 SF
OPTION 2 SAWCUT CONCRETE FOR BATTER PILES (4)	96 LF
OPTION 2 CHIP OUT DEMO CONCRETE FOR BATTER PILES	3.7 CY

TABLE OF CONSTRUCTION QUANTITIES

ITEM, SHEETS S-108, S-109 & S-110	QUANTITY
16"Ø FENDER PLASTIC PILES	4320 VLF
5"Ø X 12' FOAM FILLED FENDERS	6 EA
BASE BID CONCRETE BATTER PILES (24)	2880 VLF
BASE BID CONCRETE PATCHES AT BATTER PILES	88.5 CY
OPTION 1 CONCRETE BATTER PILES (24)	2880 VLF
OPTION 1 CONCRETE PATCHES AT BATTER PILES	99.6 CY
OPTION 2 CONCRETE BATTER PILES (4)	480 VLF
OPTION 2 CONCRETE PATCHES AT BATTER PILES	3.7 CY

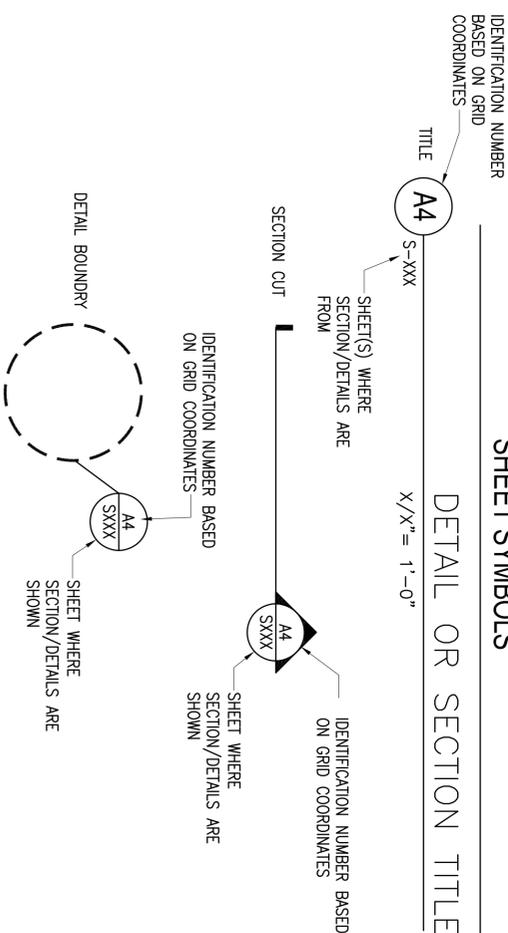
DIAGRAM OF DATUM PLANE *



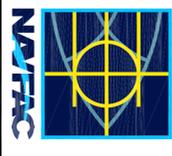
QUANTITY NOTES

- ESTIMATED REPAIR QUANTITIES IN THE TABLE OF ESTIMATED REPAIR QUANTITIES ARE BASED ON A SURVEY DONE IN 2014. BASE BIDS ON THE QUANTITIES LISTED IN THE TABLE AND THE SPECIFICATIONS
- 24 BATTER PILES, DEMOLITION OF DECK AND INSTALLATION OF PILES WILL BE IN THE BASE BID.
- 24 BATTER PILES, DEMOLITION OF DECK AND INSTALLATION OF PILES WILL BE IN THE OPTION 1 TO THE BASE BID.
- BATTER PILES, DEMOLITION OF DECK, INSTALLATION OF PILES AND ASBESTOS LINING THE WALLS OF THE BOILER ROOM, BID ACCORDINGLY.
- FOR THE UNIT PRICED BID ITEMS THE ACTUAL QUANTITIES WILL BE DETERMINED THROUGH THE PRE-CONSTRUCTION SURVEY VERIFIED BY THE CONTRACTING OFFICER PRIOR TO PROCEEDING WITH THE WORK.
- THE TABLE OF REPAIR QUANTITIES DOES NOT REFLECT ALL WORK TO BE PERFORMED ON THIS PROJECT. REFER TO ALL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL WORK.
- COMPLETE AND SUBMIT THE UNDERDECK/UNDERWATER CONDITION SURVEY AND INSPECTION FOR APPROVAL PRIOR TO ORDERING SUPPLIES OR COMMENCING WORK ON THE PIER. THE GOVERNMENT WILL REVIEW THE INSPECTION REPORT AND SELECT ANY ADDITIONAL PILES OR CONCRETE SPALLS TO REPAIR.
- FOR BID PURPOSES ASSUME THE EXISTING TIMBER FENDER PILES THAT ARE TO BE DEMOLISHED ARE 75' LONG. PULL PILES, DO NOT CUT AT MUDLINE. PILES ARE SHOWN AS 12" DIAMETER BUT MAY RANGE FROM 12" TO 16" IN DIAMETER.

SHEET SYMBOLS



SY#	DESCRIPTION	DATE	APPR
1	ADDED AMENDMENT 2	8/10/16	



APPROVED	FOR DRAWER WORK
ACTING SAI-TO PMO, YORKTOWN COR FICHER	
SUBMITTED TO 06/03/16	
DESIGNED BY JAW	CHECKED BY RCK
PA/DM	DATE/DESC
DRAWING NUMBER	REVISION NUMBER
TECHNICAL INSTRUCTIONS	R.E. FROM III P.E.
THE PROJECT	

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC CAPITAL IMPROVEMENTS	NAVAL FACILITIES ENGINEERING COMMAND NORFOLK, VIRGINIA
CHEATHAM ANNEX	YORKTOWN, VIRGINIA
PIER CAD-A STRUCTURAL REPAIRS	
NOTES AND TABLES	

SCALE: AS NOTED
PROJECT NO.: 1371961
CONSTR. CONTR. NO. M40085-16-R-6158
NAVFAC DRAWING NO. 12718941
SHEET 3 OF 30
G1003