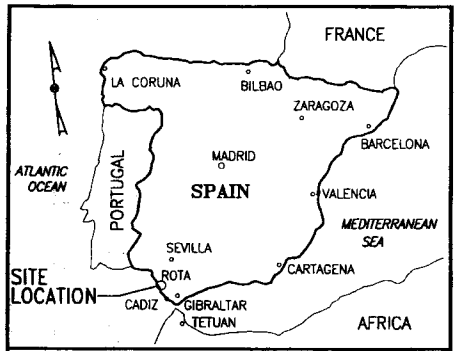
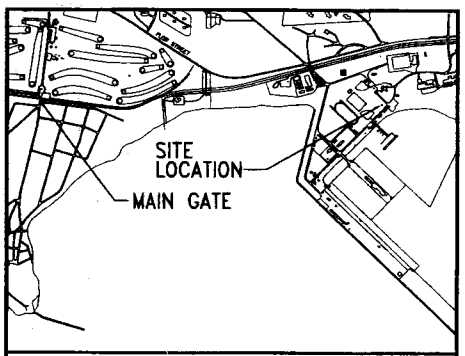
CONSTRUCT DECON WASHRACK

U.S. NAVAL STATION ROTA, SPAIN



VICINITY MAP

NOT TO SCALE



LOCATION MAP

NOT TO SCALE

SCHEDULE OF DRAWINGS		
SHEET	TITLE	NAVFAC DWG. NO.
G-001	TITLE SHEET	XXXXXXX
G-002	LEGEND, NOTES AND KEY PLAN	XXXXXXX
C-101	SITE IMPROVEMENT PLAN	XXXXXXX
C-102	SITE IMPROVEMENT PLAN AND PROFILE	XXXXXXX
C-103	SITE IMPROVEMENT PLAN AND PROFILE	XXXXXXX
C-104	SITE IMPROVEMENT PLAN AND PROFILE	XXXXXXX
C-501	WASHRACK DETAIL	XXXXXXX
C-502	WASHRACK DISCHARGE ENLARGED PLAN	XXXXXXX
C-503	SEDIMENTATION BASIN DETAIL	XXXXXXX
C-504	OIL/ WATER SEPARATOR	XXXXXXX
C-505	PUMP STATION AND VALVE VAULT DETAIL	XXXXXXX
C-506	DETAILS	XXXXXXX
C-507	DETAILS	XXXXXXX
E-101	ELECTRICAL SITE PLAN	XXXXXXX
E-102	WASH RACK PARTIAL PLAN	XXXXXXX
E-601	ONE-LINE DIAGRAM AND DETAILS	XXXXXXX
E-701	ELECTRICAL DETAILS	XXXXXXX
E-702	ELECTRICAL DETAILS	XXXXXXX

C. ALLAN BAMFORTH, JR., ENGINEER - SURVEYOR, LTD. NORFOLK, VIRGINIA

AGE CONTRACT NO. N62470-00-D-3553

APPROVED

ACTIVITY - SATISFACTORY TO

DATE

APPROVED

FOR EFD FOR COMMANDER NAVFAC

DATE

A/E EFD

DESIGN

DRAWN

REVIEW

QC

CHIEF ARCH./ ENGR.

PROJECT MANAGER

FIRE PROTECTION

BRANCH MANAGER

DESIGN DIRECTOR

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

ATLANTIC DIVISION

NAVAL STATION NORFOLK, VIRGINIA

U.S. NAVAL STATION ROTA, SPAIN

CONSTRUCT DECON WASHRACK

TITLE SHEET

CODE ID. NO. 00001 SIZE D

SCALE:

EFD NO.

STA. PROJ. NO.

SPEC. NO. 33-03-0027

CONSTR. CONTR. NO.

N33191-03-C-0027

NAVFAC DRAWING NO.

SHEET OF

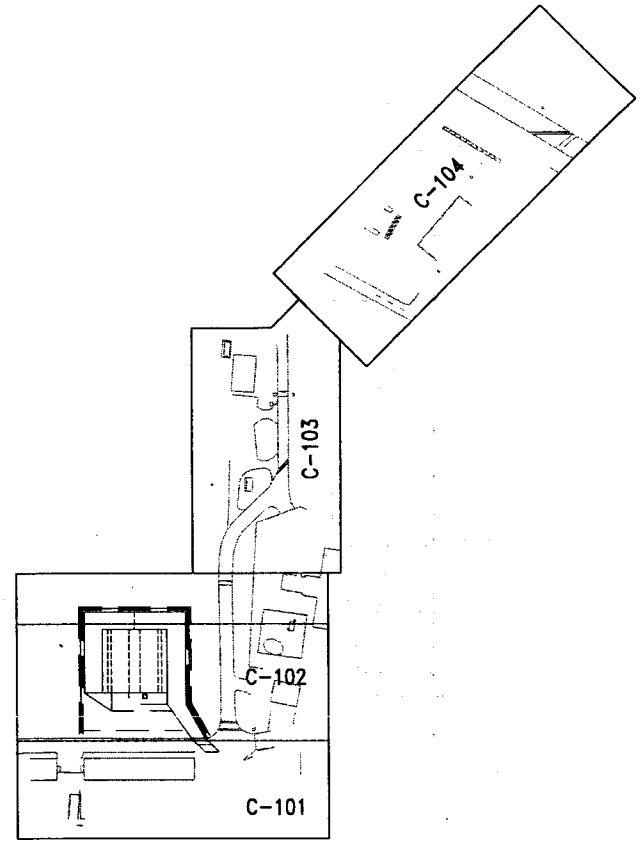
G-001

LEGEND

	EXISTING (E.)	NEW
SPOT ELEVATION	+3.72ø	11.58
BITUMINOUS PAVEMENT		
BOLLARD		
BUILDING		
BUSH		
CONCRETE (CONC.)	CONC.	
FENCE		
GRAVEL		
SIGN		
TREE	152ø	
OVERHEAD (OH.) LINE	E. OH. LINE	
SANITARY (SAN.) SEWER	200ø E. SAN.	
SANITARY (SAN.) SEWER FORCEMAIN (FM.)	150ø E. SAN. FM.	
STORM (S.) SEWER	300ø E. S.	
UNDERGROUND (UG.) ELECTRIC (ELEC.)	E. UG. ELEC.	
UNDERGROUND (UG.) STEAM (STM.)	E. UG. STM.	
UNDERGROUND (UG.) TELEPHONE (TEL.)	E. UG. TEL.	
WATER (W.) MAIN	200ø E. W.	300ø W.
CATCH BASIN (C.B.)	E. C.B.	C.B.
FIRE HYDRANT (F.H.)		
GUY WIRE		
LIGHT POLE		
MANHOLE (MH.)	E. MH.	
METAL (MTL.) COVER (CVR.)	E. MTL. CVR.	
SWALE		
UTILITY POLE		
WATER VALVE (W.V.)	W.V.	

SURVEY NOTES:

1. TOPOGRAPHIC SURVEY PREPARED BY GLENN AND SADLER , DATE



KEY PLAN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL STATION
ATLANTIC DIVISION
NORFOLK, VIRGINIA
U.S. NAVAL STATION
ROTA, SPAIN

CONSTRUCT DECON WASHRACK

LEGEND, NOTES AND KEY PLAN

C. ALLAN BANFORTH, JR.
ENGINEER - SURVEYOR, LTD.
NORFOLK, VIRGINIA

APPROVED

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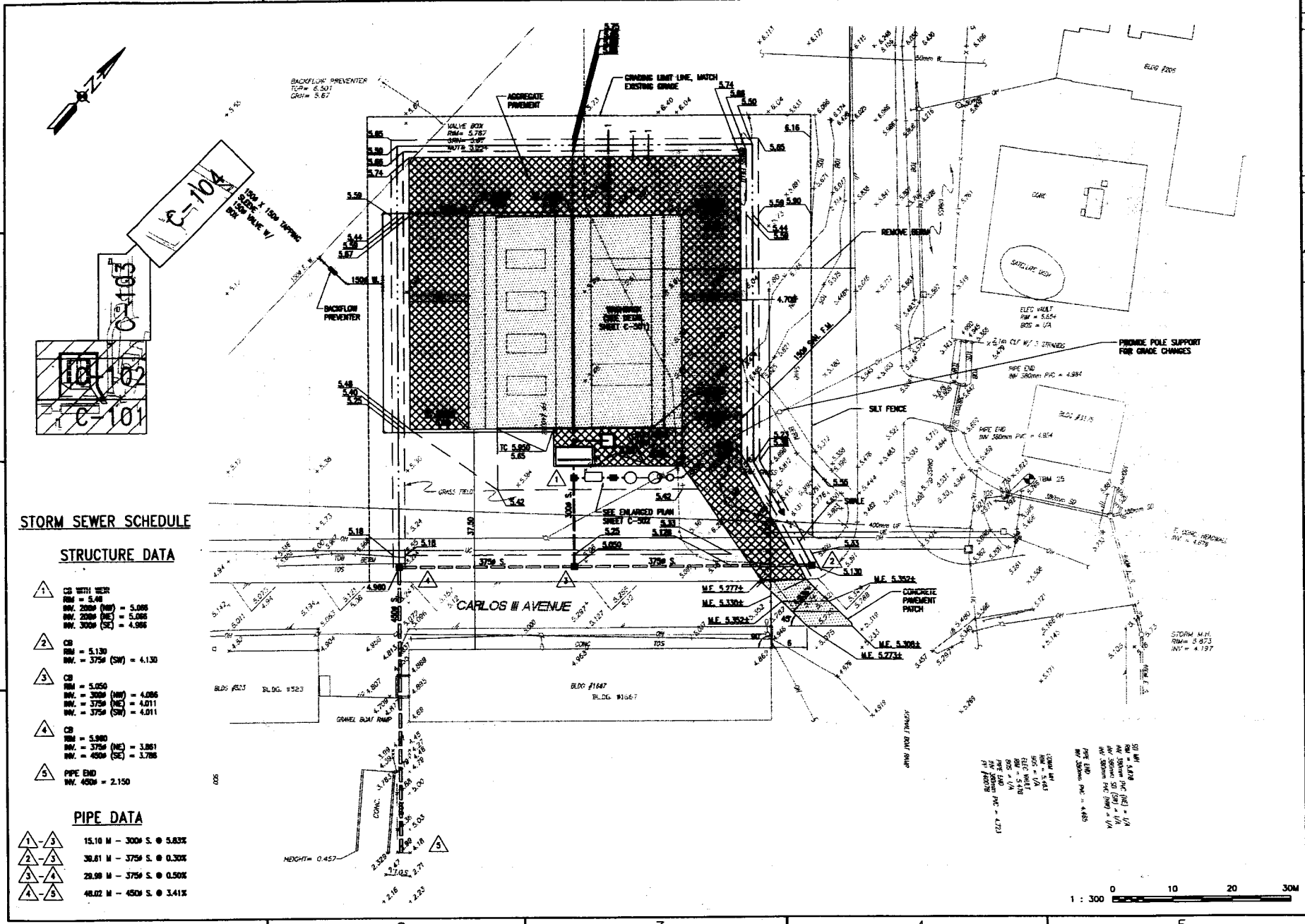
SPEC. NO. 33-03-0027

N33191-03-C-0027

G-002



STORM SEWER SCHEDULE

STRUCTURE DATA

1. CB WITH WEIR
   RIM = 5.46
   INV. 200ø (NW) = 5.066
   INV. 200ø (NE) = 5.066
   INV. 300ø (SE) = 4.966
2. CB
   RIM = 5.130
   INV. = 375ø (SW) = 4.130
3. CB
   RIM = 5.050
   INV. = 300ø (NW) = 4.086
   INV. = 375ø (NE) = 4.011
   INV. = 375ø (SW) = 4.011
4. CB
   RIM = 5.980
   INV. = 375ø (NE) = 3.861
   INV. = 450ø (SE) = 3.786
5. PIPE END
   INV. 450ø = 2.150

PIPE DATA

1 - 3	15.10 M – 300ø S. @ 5.83%
2 - 3	39.61 M – 375ø S. @ 0.30%
3 - 4	29.99 M – 375ø S. @ 0.50%
4 - 5	48.02 M – 450ø S. @ 3.41%

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U.S. NAVAL STATION
RCTA, SPAIN

CONSTRUCT DECON WASHRACK

SITE IMPROVEMENT PLAN

SPEC. NO. 33-03-0027
CONTROL CONTR. NO. N33191-03-C-0027
SHEET C-101