

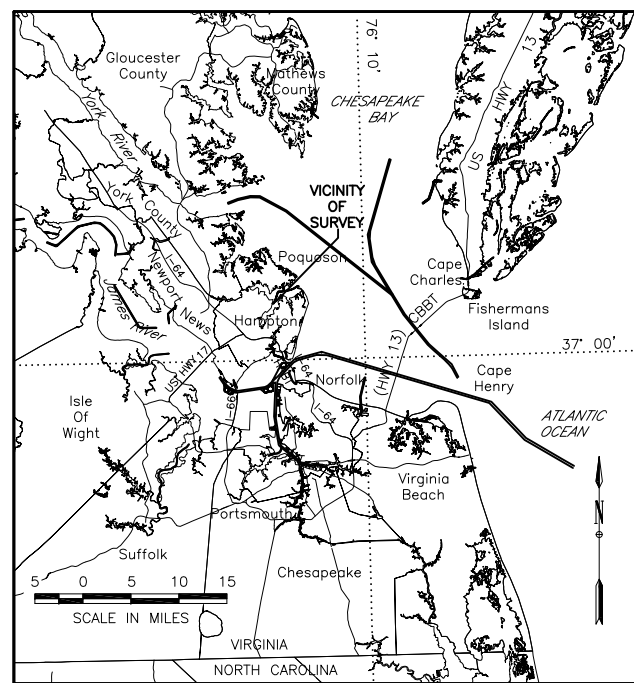
NOTE:

1. ACTIVITIES IN RUNWAY 8-26 CLEAR ONE LIMITED TO PIER DEMOLITION, DREDGING AND INSTALLATION OF FUEL PIPING.
2. THE HEIGHT OF THE 7:1 TRANSITIONAL SURFACE FOR RUNWAY 8-26 IS APPROXIMATELY 70' ABOVE GRADE AT THE FUEL PIER ENTRANCE.

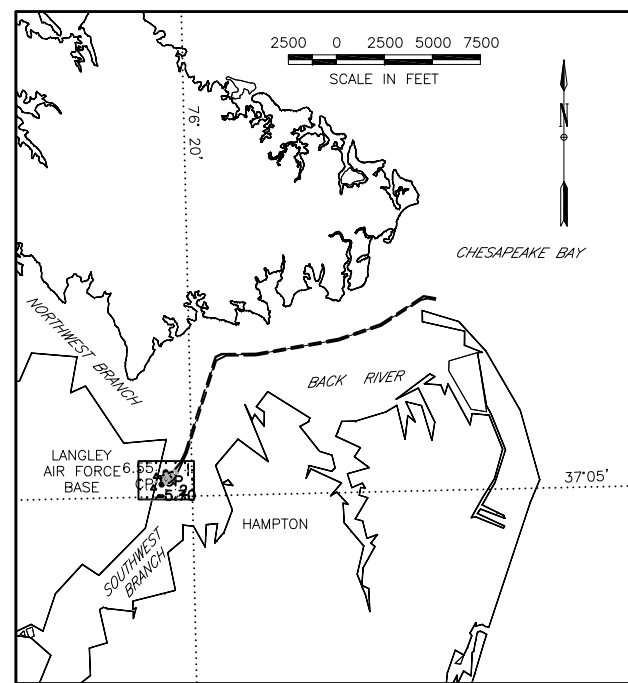


<p>date <u>5/20/2013</u></p> <p>designed <u>MCG</u></p>	<p>FY15 DESC1607 REPLACE FUEL PIER AND GROUND VEHICLE FUELING FACILITY JOINT BASE LANGLEY EUSTIS, VIRGINIA</p>	<p>project _____</p> <p>contract _____</p> <p>dwg. no. SK-01 rev. _____</p>
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LANGLEY AIR FORCE BASE FUEL PIER CHANNEL PERMIT DRAWING SURVEY OF MAY 2013 HAMPTON, VIRGINIA



VICINITY MAP



LOCATION MAP

— LEGEND —

INDICATES LIMITS OF CHANNEL TOE

MEAN LOWER LOW WATER (MLLW), National Tidal Datum Epoch (NTDE) 1960-1978, was determined by the National Ocean Service (NOS) at Messick Point, Back River.

SOUNDINGS are in feet referred to NOS MLLW and were taken on 30 April, and 1 and 6 May 2013.

MEAN RANGE OF TIDE is 2.30 feet at Messick Point, Back River, based on NOS observations, NTDE 1960-1978.

PLANIMETRIC FEATURES were provided by Langley Air Force Base and GIS data sources.

COORDINATES are referred to the Virginia State Plane Coordinate System, South Zone in U.S. survey feet, and are based on the North American Datum of 1983.

LAST DREDGED by Cottrell Contracting Corporation during the period 9 April through 25 May 2002 under Contract No. DACW65-01-C-0068 dated 15 October 2001.

INDEX TO DRAWINGS

SHEET NO.	TITLE	FILE NUMBER
1	TITLE SHEET	LFP.SP(1)
2	MAPPING SHEET	LFP.SP(2)
3	CROSS-SECTIONS	LFP.SP(3)

The information depicted on this map represents the results of surveys made on the date(s) indicated and can only be considered as indicating the general conditions existing at that time.

SIGNATURES AFFIXED BELOW INDICATE OFFICIAL RECOMMENDATION AND APPROVAL OF ALL DRAWINGS IN THIS SET AS INDICATED ON INDEX TO DRAWINGS.

DEPARTMENT OF THE ARMY
NORFOLK DISTRICT, CORPS OF ENGINEERS
NORFOLK, VIRGINIA

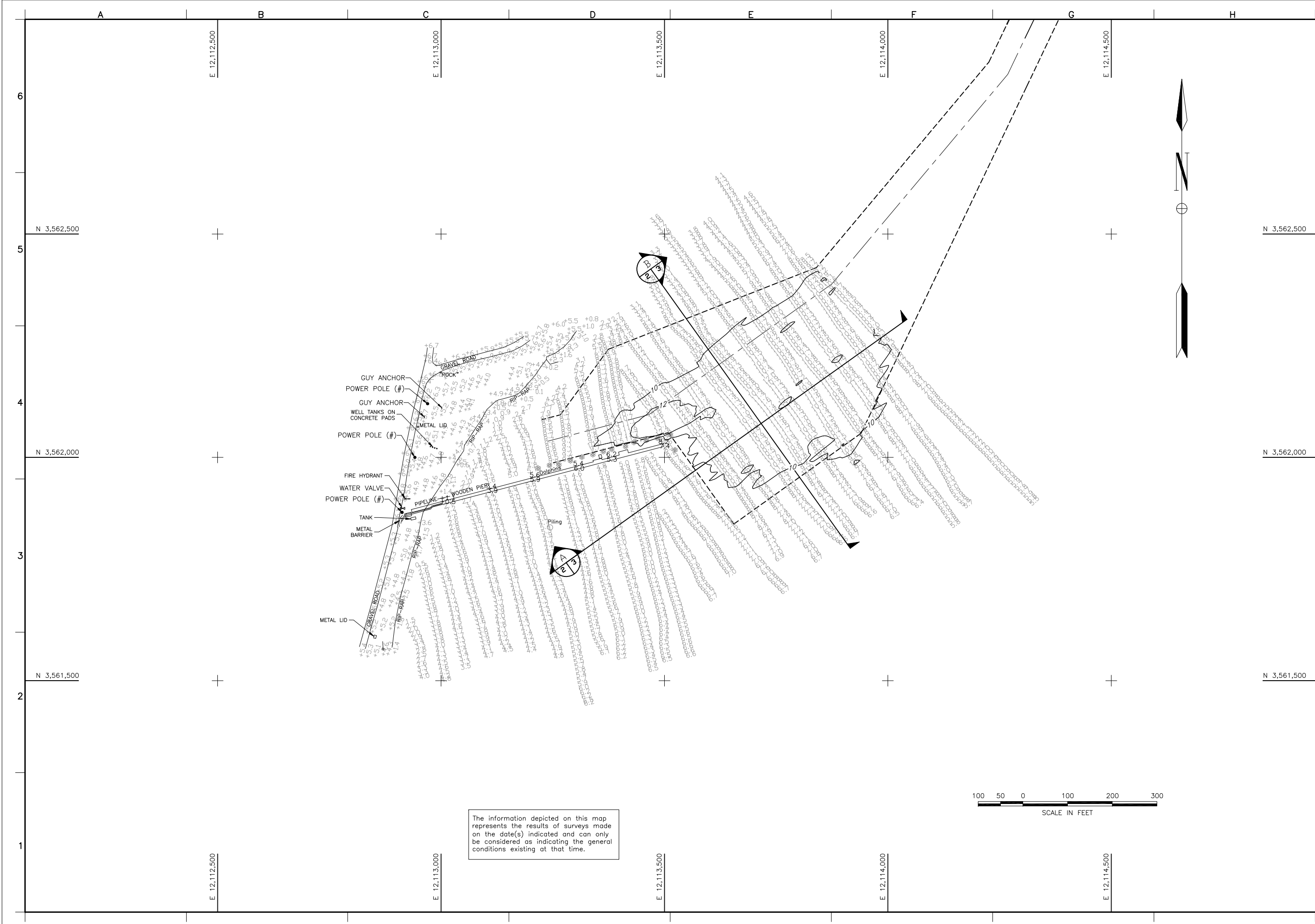
REVIEWED: _____ CHIEF, NAVIGATION SUPPORT AND SURVEY SECTION	APPROVED: _____ CHIEF, OPERATIONS BRANCH
SUBMITTED: _____ CHIEF, DESIGN SECTION	APPROVED: _____ CHIEF, WATER RESOURCES DIVISION



REV.	DATE	DESCRIPTION	BY	APP.

DESIGNED BY: _____	DATE: 14 MAY 13
CHECKED BY: _____	SCALE: AS SHOWN
DRAWN BY: _____	PROJECT FILE NO.: (1)
DATE: _____	DRAWING NO.: _____
DESIGNED BY: _____	DATE: _____
CHECKED BY: _____	SCALE: _____
DRAWN BY: _____	PROJECT FILE NO.: _____
DATE: _____	DRAWING NO.: _____

LANGLEY AIR FORCE BASE
FUEL PIER CHANNEL
PROJECT CONDITION
SURVEY OF MAY 2013
HAMPTON, VIRGINIA



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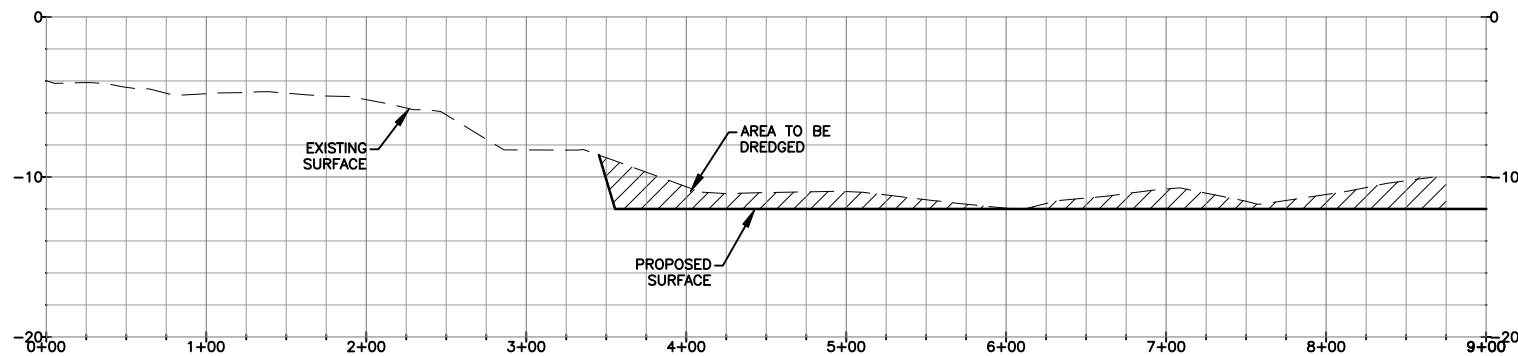
REV.	DATE	DESCRIPTION	BY	APP.

DESIGNED BY: P.M.R.	CHECKED BY: R.W.S.	DATE: 14 MAY 13
DRAWN BY: L.F.S.P.	SUBMITTED BY: M.L.A.	SCALE: AS SHOWN
DRAWING NO.:	PROJECT FILE NO.:	(2)
APPROVED BY: M.A.W.		

LANGLEY AIR FORCE BASE
FUEL PIER CHANNEL
PROJECT CONDITION
SURVEY OF MAY 2013
HAMPTON, VIRGINIA

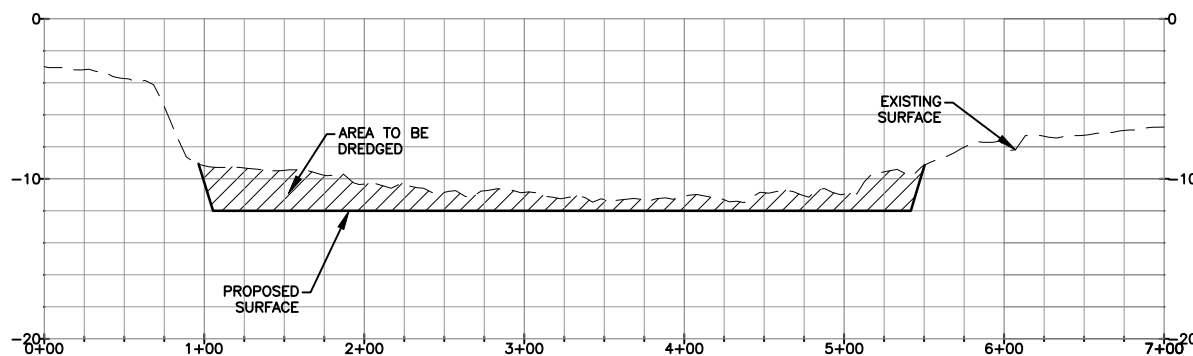
A B C D E F G H

6



A
2 | 3
CROSS-SECTION
SCALE: AS SHOWN

4



B
2 | 3
CROSS-SECTION
SCALE: AS SHOWN

3

2

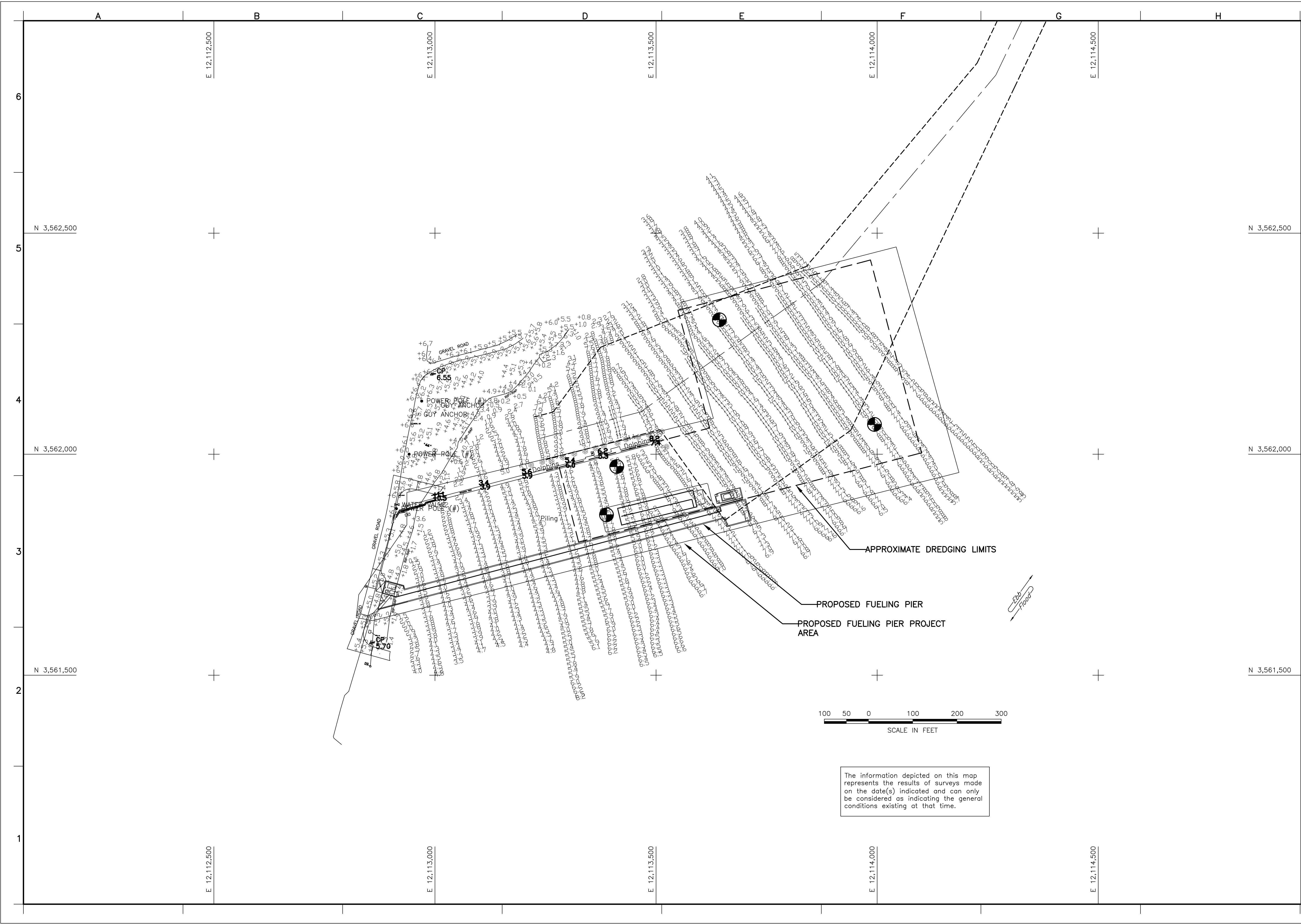
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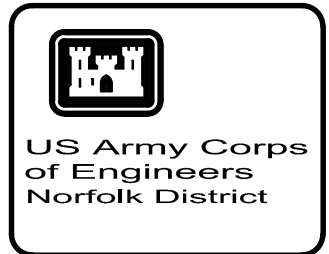
REV.	DATE	DESCRIPTION	BY	APP.

DESIGNED BY: P.M.R.	DRAWN BY: L.F.F.	DATE:	14 MAY 13
		CHECKED BY: R.W.S.	SCALE: AS SHOWN
NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA		PROJECT FILE NO.:	(3)
DRAWING NO.:		DATE:	
DRAWING BY: M.A.W.		DATE:	

**LANGLEY AIR FORCE BASE
FUEL PIER CHANNEL
PROJECT CONDITION
SURVEY OF MAY 2013
HAMPTON, VIRGINIA**



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REV.	DATE	DESCRIPTION	BY	APP.

DESIGNED BY: M.A.W.	CHECKED BY: R.W.S.	DATE: 14 MAY 13
DRAWN BY: P.M.R.	APPROVED BY: M.L.A.	SCALE: AS SHOWN
PROJECT NO.:LEP SP	DISTRICT FILE NO.:(2)	
DRAWING NO.:		
SURVEYED BY: M.A.W.		

LANGLEY AIR FORCE BASE
FUEL PIER CHANNEL
PROJECT CONDITION
SURVEY OF MAY 2013
HAMPTON, VIRGINIA