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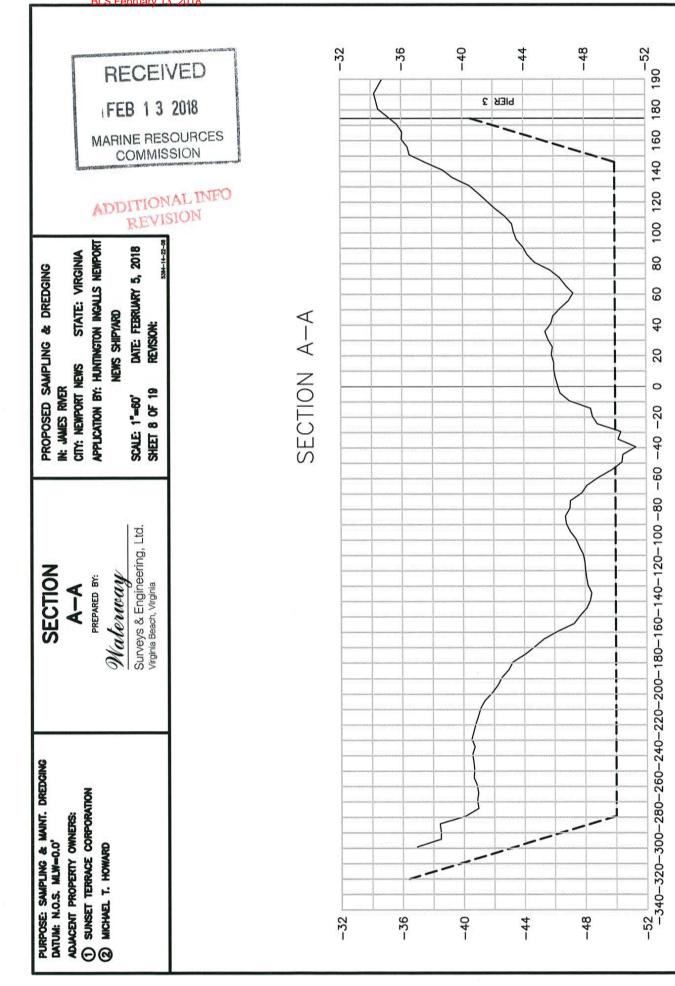
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PURPOSE: SAMPLING & MAINT. DREDGING DATUM: N.O.S. MLW-O.O' ADJACENT PROPERTY OWNERS: (1) SUNSET THRRACE-OORPORATION (2) MICHAEL HOW FECEIVED IFEB 1 3 2018 MARTINE RESOURCES COMMISSION	PLAN VIEW SHEET 4 PREPARED BY: <u>Materway</u> Surveys & Engineering, Ltd. Virginia Beach, Virginia	PROPOSED SAMPLING & DREDGING IN: JAMES RIVER CTY: NEWPORT NEWS STATE: VIRGINIA APPLICATION BY: HUNTINGTON INGALLS NEWPORT NEWS SHIPYARD SCALE: 1°=200' DATE: FEBRUARY 5, 2018 SHEET 4 OF 19 REVISION: 334-14-22-94

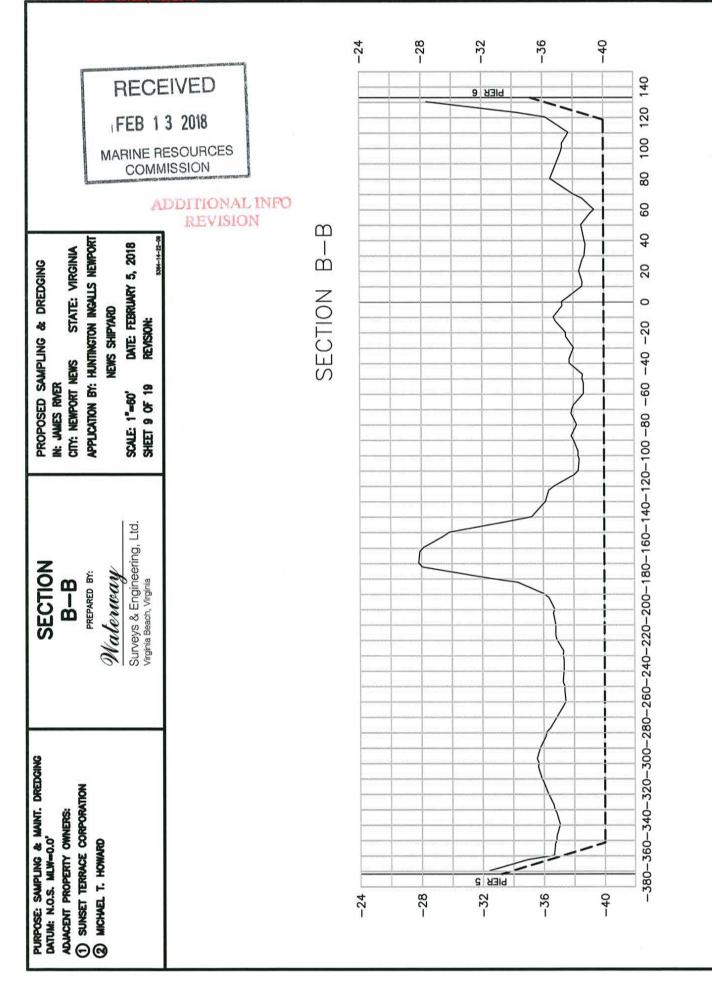
Recieved by USACE NAO)		
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133 PURPOSE: SAMPLING & MAINT, DRE DATUM: N.O.S. MLW=0.0' ADJACENT PROPERTY OWNERS: (1) SUNSET TERRACE CORPORATION (2) MICHAEL T, HOWARD	N	NC PLAN VIEW SHEET 5 PREPARED BY: Materway Surveys & Engineering, Ltd.	ADDITIONAL INFO OUTER REVISION RECEIVED IFEB 1 3 2018 MARINE RESOURCES COMMISSION DT FOR CONSTRUCTION, FOR PERMITTING PURPOSES ONLY. PROPOSED SAMPLING & DREDGING IN: JAMES RIVER CITY: NEWPORT NEWS STATE: VIRGINIA APPLICATION BY: HUNTINGTON INGALLS NEWPORT NEWS SHIPYARD SCALE: 1"=200' DATE: FEBRUARY 5, 2018

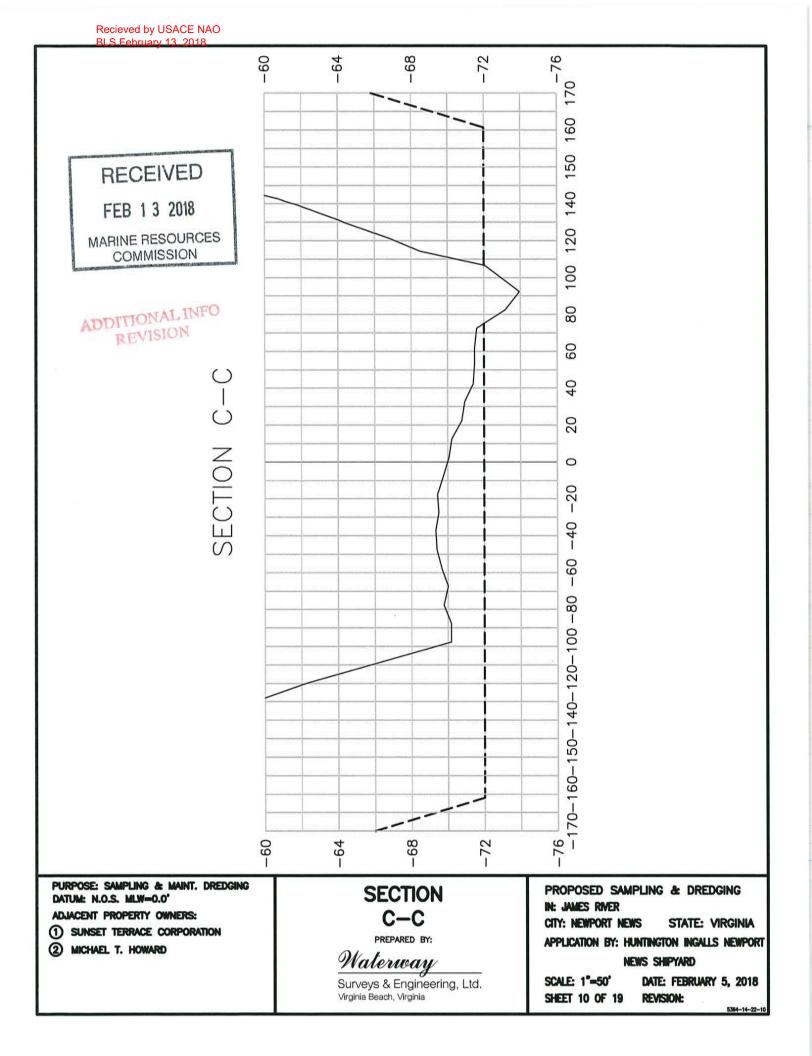
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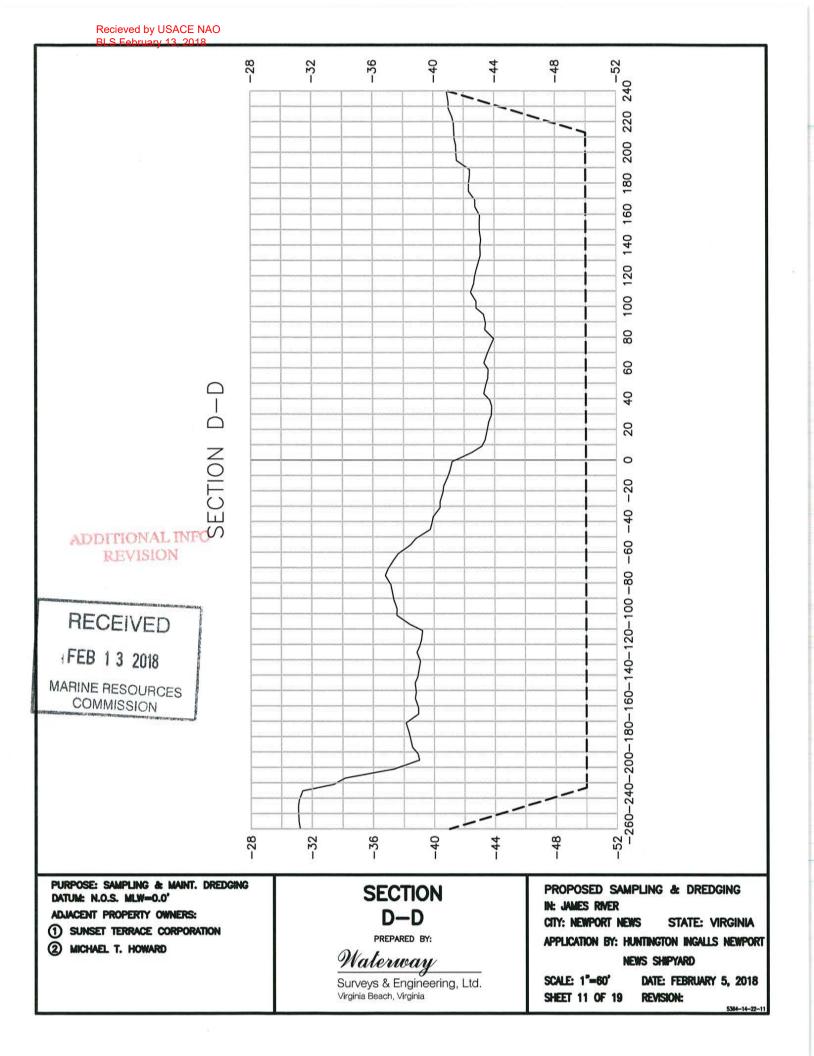
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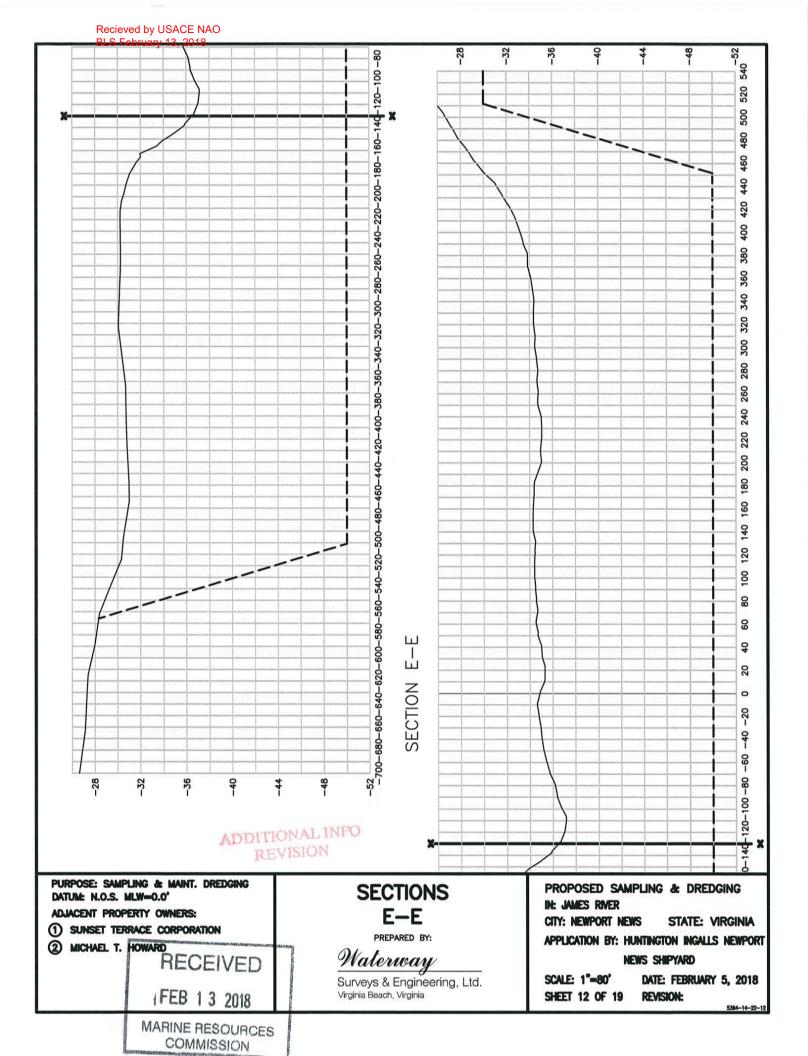


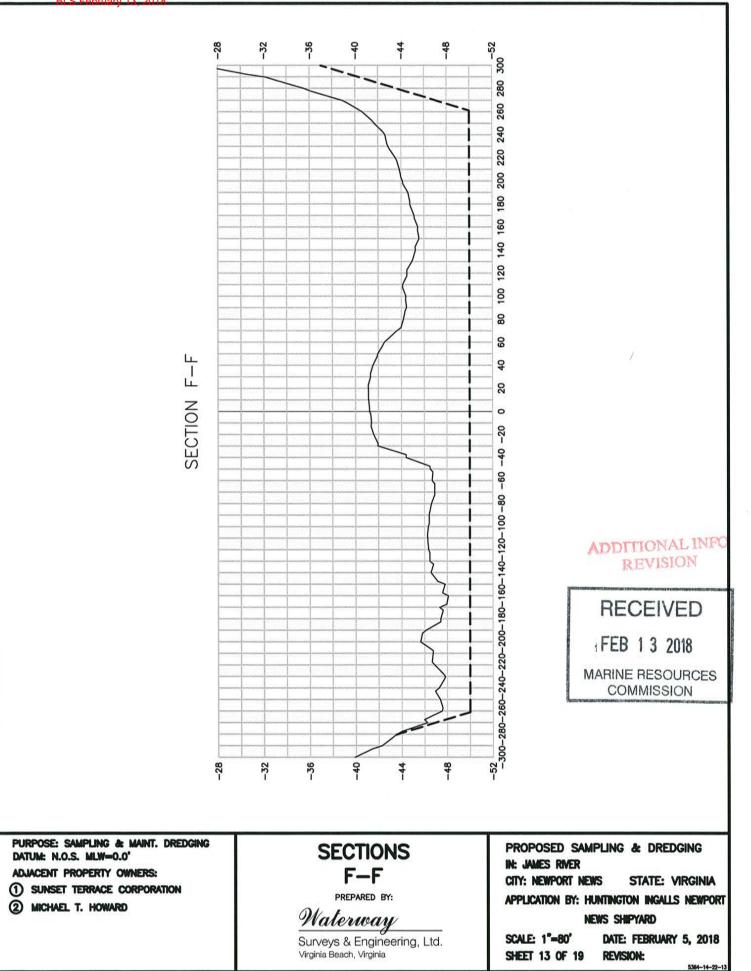


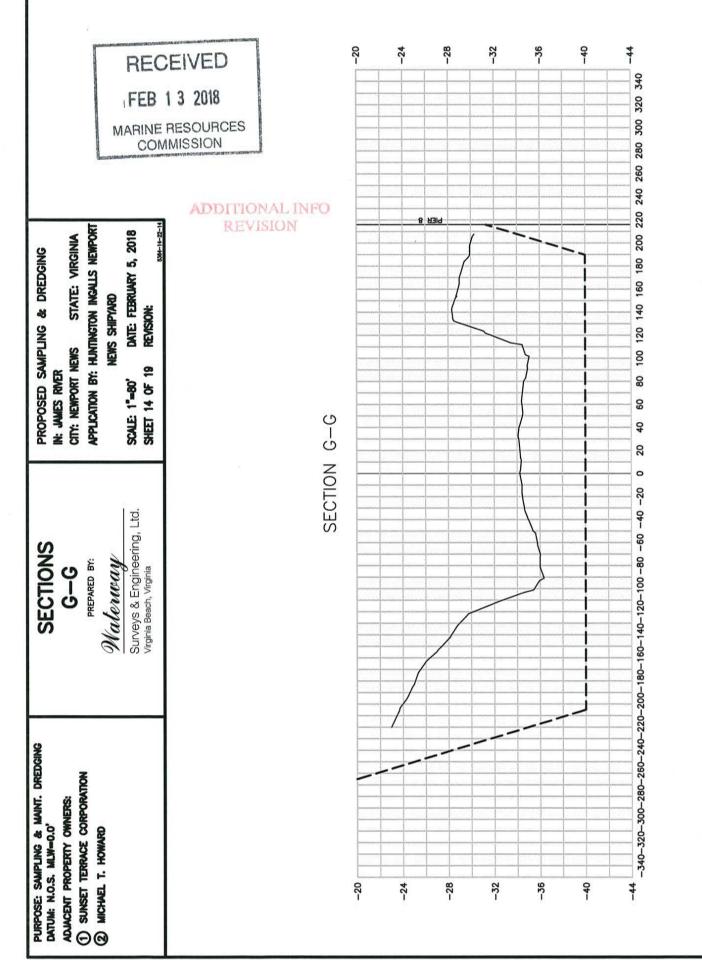




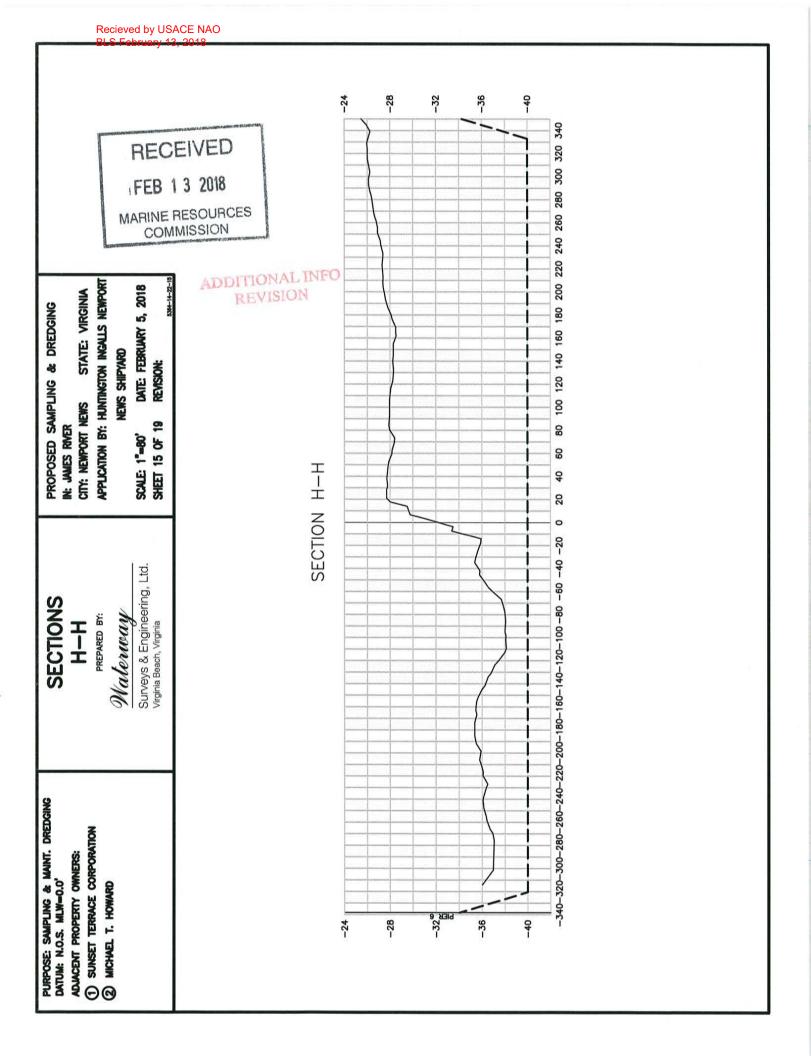




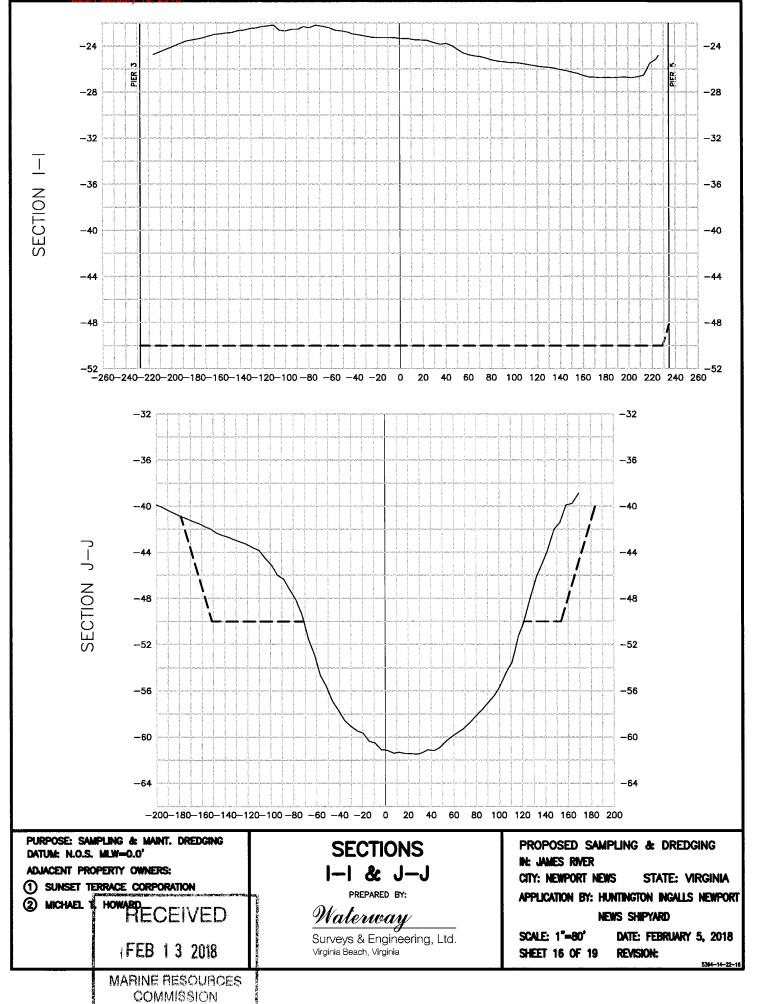


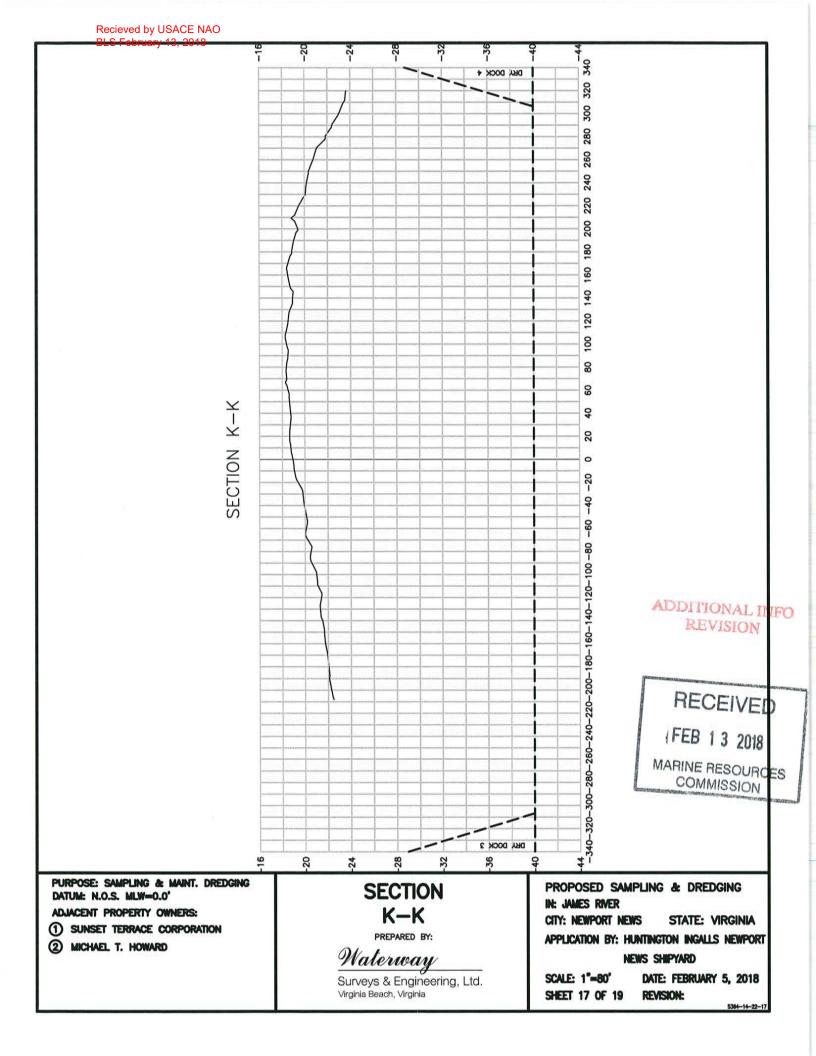


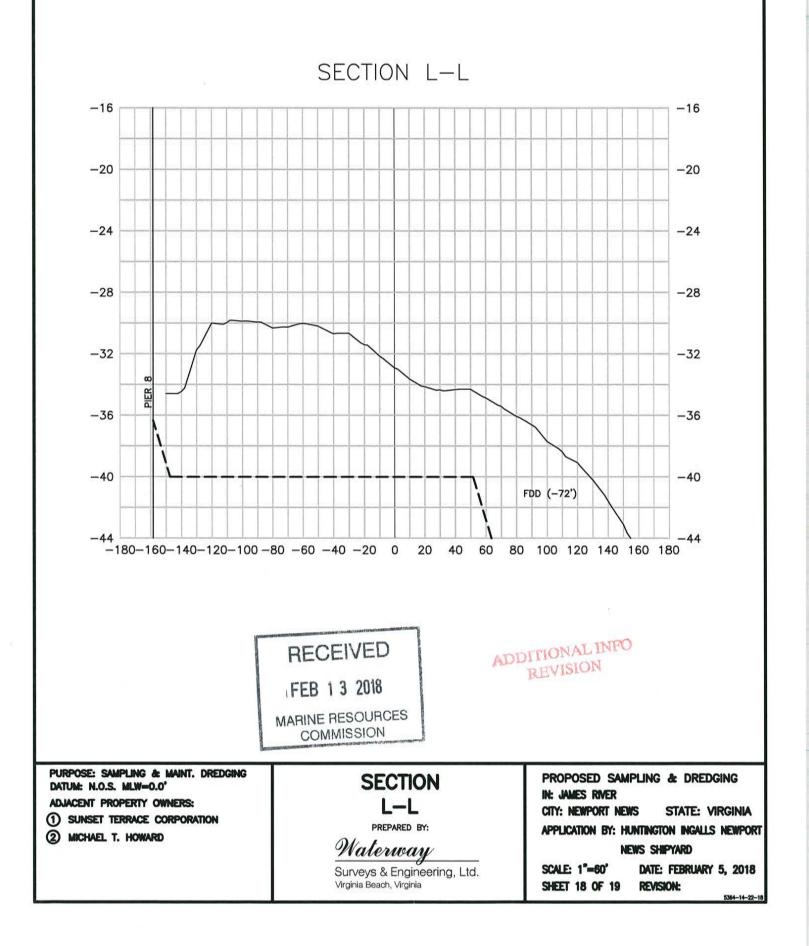
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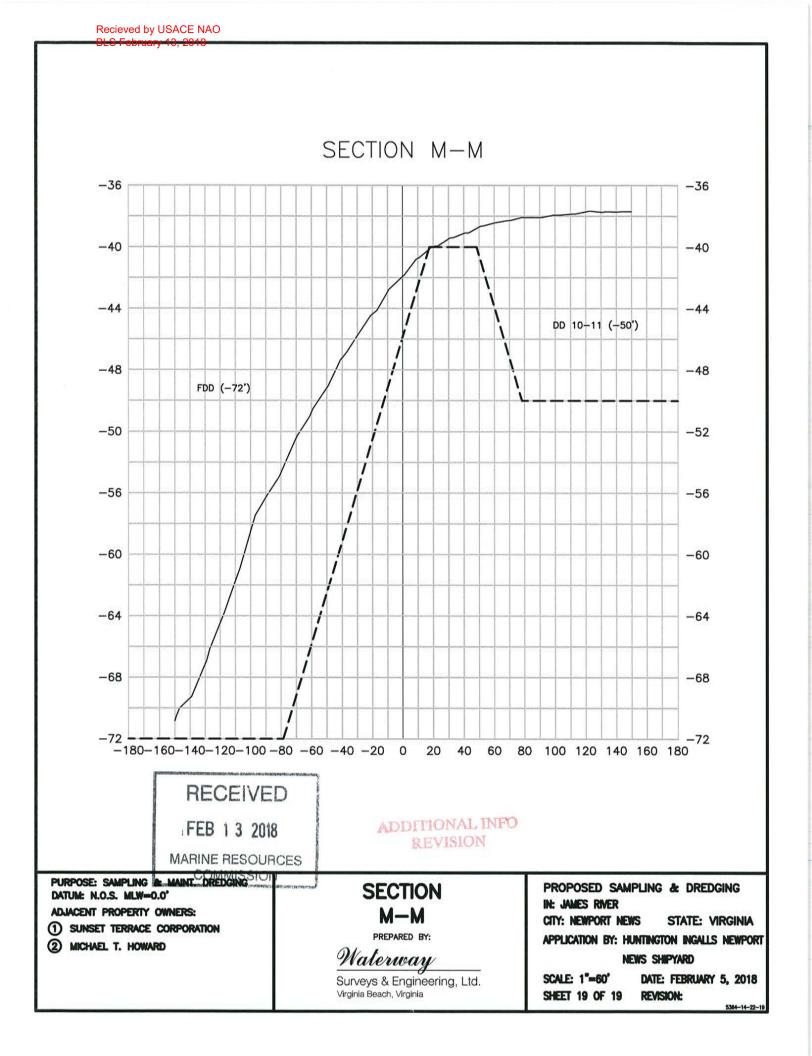












Recieved by USACE NAO BLS February 13, 2018

HII: VMRC New Dredging Royalties

- Pier 2 South: -47' to -50' = 29,542 cy
- Pier 2 North Pier 3 North = Royalties have been paid to -50' cy
- Pier 5 South: -37' to 50' = 2,907 cy
- Pier 5 North Pier 6 South: -37' to -40' = 51,514 cy
- DD1 DD2 : -37' to -40' = 61,831 cy
- DD3: -30'to -40' = 156,267 cY
- DD4: -37' to -40' = 23,866 cy
- Pier 8 North: -30' to -40' = 37,813 cy
- Floating DD: -72' = 38,845 cy
- Pier 9 North: -30' to -40' = 18,470 cy
- DD10 DD11: -49' to -50' = 8,379 cy
- Outfitting Berth 1: -49' to -50' = 30,780 cy
- Outfitting Berth 2: -30' = 60,633 cy
- Dry Dock 12 (Triangle Area): -35' to -50' = 47,896 cy
- Dry Dock 12: -37' to -50' = 297,308 cy
- Dry Dock 12: -27' to -27' to -30' = 2,208 cy

Total New Dredging: 868,259 cy

RECEIVED FEB 1 3 2018 MARINE RESOURCES COMMISSION

ADDITIONAL INFO REVISION