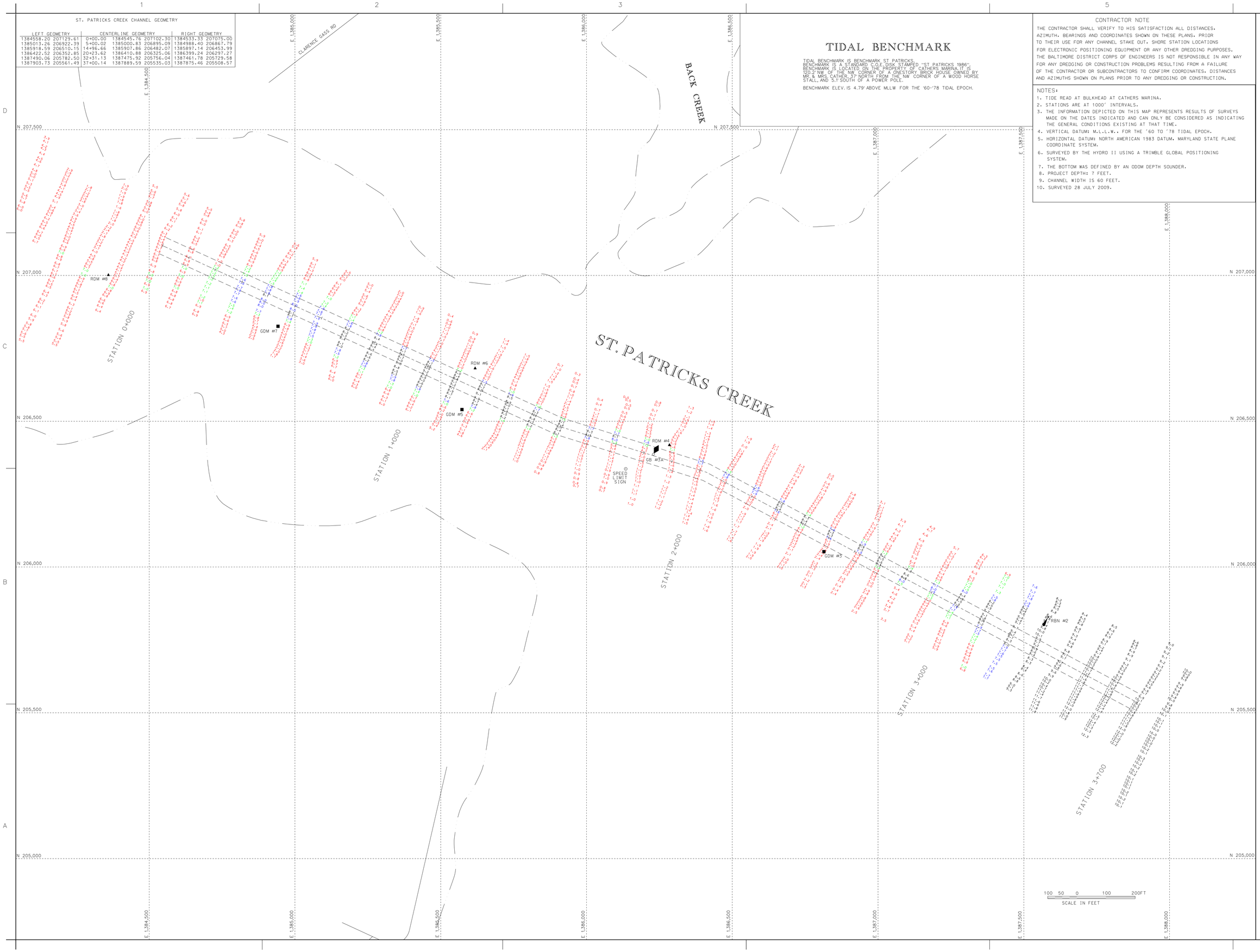
ST. PATRICKS CREEK CHANNEL GEOMETRY

LEFT GEOMETRY		CENTERLINE GEOMETRY		RIGHT GEOMETRY	
1384658.20	207129.61	1384545.76	207102.30	1384533.33	207075.00
1385013.26	206922.39	5+00.02	1385000.83	1384988.40	206867.79
1385918.59	206510.15	14+96.66	1385907.86	1385897.14	206453.99
1386422.52	206352.85	20+23.62	1386410.88	1386399.24	206297.27
1387490.06	205782.50	32+31.13	1387475.92	1387461.78	205729.58
1387903.73	205561.49	37+00.14	1387889.59	1387875.46	205508.57



TIDAL BENCHMARK

TIDAL BENCHMARK IS BENCHMARK ST PATRICKS.
BENCHMARK IS A STANDARD C.O.E. DISK STAMPED "ST PATRICKS 1986".
BENCHMARK IS LOCATED ON THE PROPERTY OF CATHERS MARINA.IT IS 120.2'NW OF THE NW CORNER OF A ONESTORY BRICK HOUSE OWNED BY MR & MRS CATHER.37'NORTH FROM THE NW CORNER OF A WOOD HORSE STALL, AND 5.1'SOUTH OF A POWER POLE.

BENCHMARK ELEV. IS 4.79' ABOVE MLLW FOR THE '60-'78 TIDAL EPOCH.

CONTRACTOR NOTE

THE CONTRACTOR SHALL VERIFY TO HIS SATISFACTION ALL DISTANCES, AZIMUTH, BEARINGS AND COORDINATES SHOWN ON THESE PLANS, PRIOR TO THEIR USE FOR ANY CHANNEL STAKE OUT. SHORE STATION LOCATIONS FOR ELECTRONIC POSITIONING EQUIPMENT OR ANY OTHER DREDGING PURPOSES. THE BALTIMORE DISTRICT CORPS OF ENGINEERS IS NOT RESPONSIBLE IN ANY WAY FOR ANY DREDGING OR CONSTRUCTION PROBLEMS RESULTING FROM A FAILURE OF THE CONTRACTOR OR SUBCONTRACTORS TO CONFIRM COORDINATES. DISTANCES AND AZIMUTHS SHOWN ON PLANS PRIOR TO ANY DREDGING OR CONSTRUCTION.

NOTES:

1. TIDE READ AT BULKHEAD AT CATHERS MARINA.
2. STATIONS ARE AT 1000' INTERVALS.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. VERTICAL DATUM: M.L.L.W.. FOR THE '60 TO '78 TIDAL EPOCH.
5. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM. MARYLAND STATE PLANE COORDINATE SYSTEM.
6. SURVEYED BY THE HYDRO II USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
7. THE BOTTOM WAS DEFINED BY AN ODOM DEPTH SOUNDER.
8. PROJECT DEPTH: 7 FEET.
9. CHANNEL WIDTH IS 60 FEET.
10. SURVEYED 28 JULY 2009.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Dwn by: JAH
Ckd by: SMG
Reviewed by:
Submitted by:
Chief, Hyd. Branch

Date: AUG. '09
Scale: 1"=100'
Dwg. No. FILE:B-4-71 MAP19-001
Rev.
Drawing code:
File name:SHOTIUAL Y2009
Plot date:
Plot scale:

ST. MARY'S COUNTY
MARYLAND

CONDITION SURVEY
ST. PATRICKS CREEK
STATION 0+000 TO 3+700

Sheet reference number:
V 101
Sheet 1 of 1