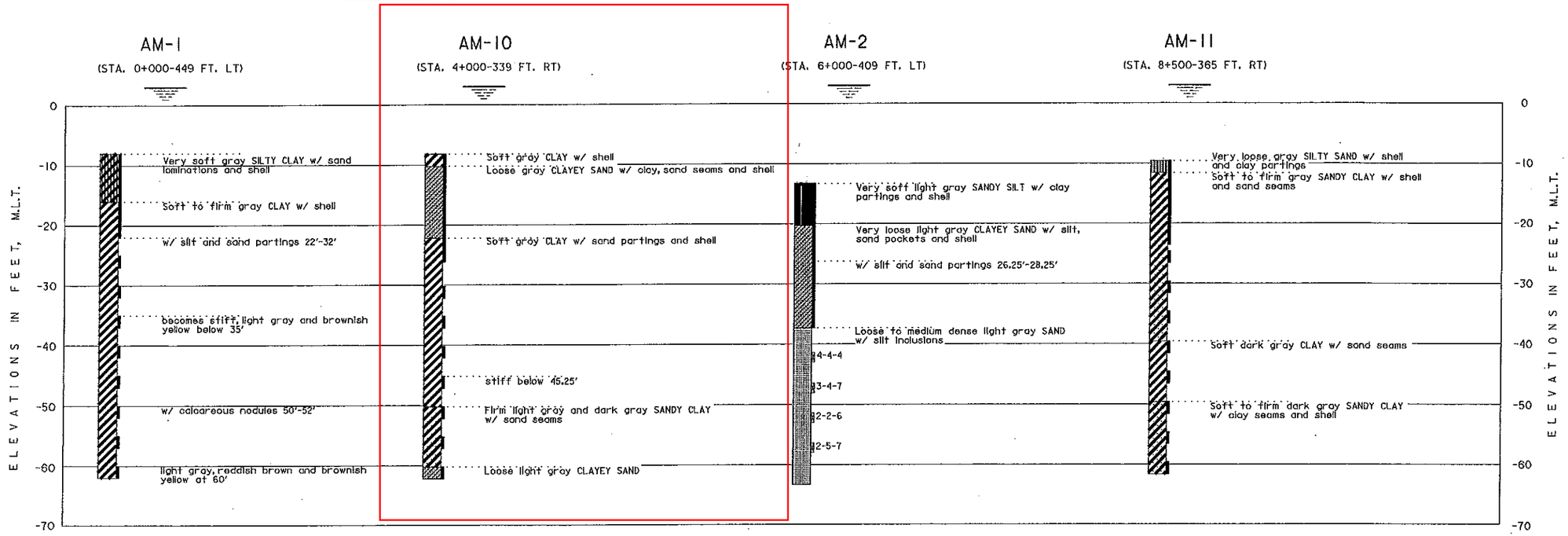

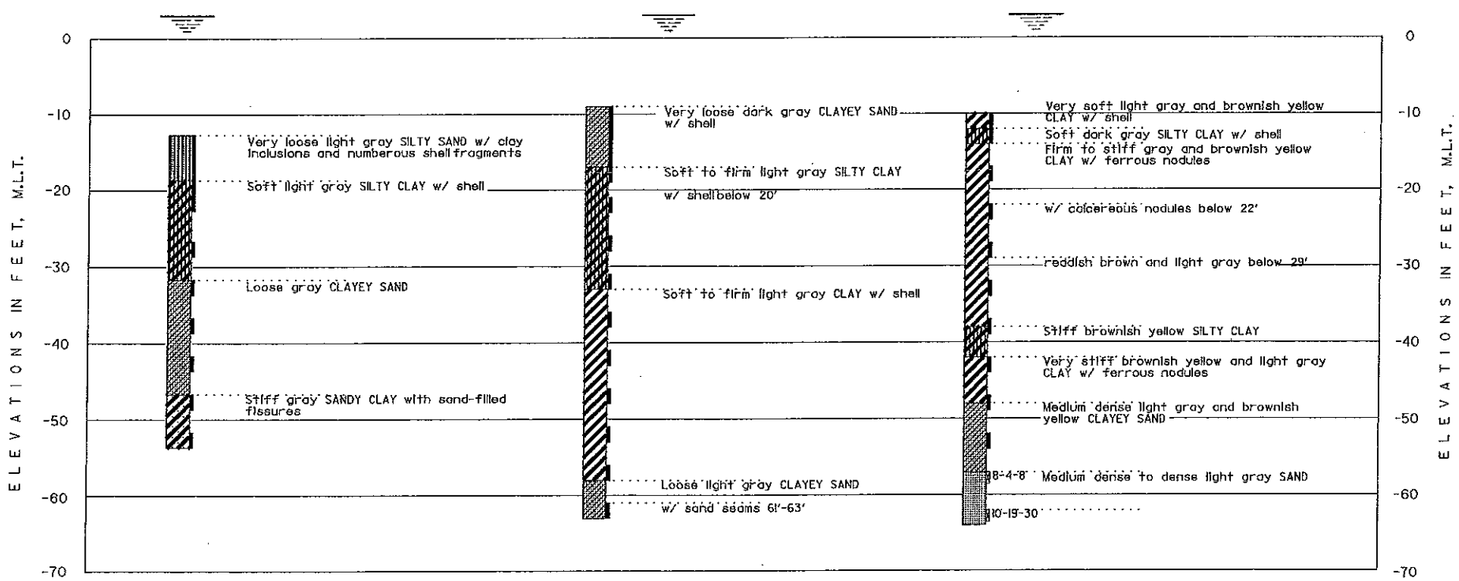

NOTES (FOR DRAWING NO. F-4 AND F-5):

1. BORING WERE TAKEN BY HVJ ASSOCIATES, INC. IN APRIL 1998 BY THE REQUEST OF THE JOINT VENTURE-TC&B AND GBA.
2. OFFSET DISTANCES ARE MEASURED FROM THE CENTERLINE OF THE HOUSTON SHIP CHANNEL.
3. THE OFFSET DESIGNATIONS LEFT (LT), AND RIGHT (RT) ARE BASED ON LOOKING UPSTREAM.
4. DISTANCES ARE IN FEET.
5. SEE DRAWING F-5 FOR DREDGING REACH BORING NOTES AND LEGEND.
6. SEE DRAWING C-3 AND C-4 FOR BORING LOCATIONS.

INVITATION NO. W912HY-04-B-0014

US Army Corps of Engineers
Galveston District

Rev.	Date	By	Description

Drawn by: RTA
Designed by: RTA
Checked by: MEM
Submitted by: MARK E. MALOCH, P.E. Assistant Engineer
Approved by: Chief, Engineering and Construction Division
Date: MAY 2004
Rev. X
Scale: AS SHOWN
Approval Recommended: Chief, Engineering Branch

URS
URS GROUP, INC.
HOUSTON, TEXAS

U.S. ARMY ENGINEER DISTRICT, GALVESTON
CORPS OF ENGINEERS
GALVESTON, TEXAS

PREPARED UNDER THE DIRECTION OF LEONARD D. WATERWORTH, Col., C.E. DISTRICT ENGINEER

HOUSTON-GALVESTON NAVIGATION CHANNELS, TEXAS
145-FOOT PROJECT
UPPER BAY AND BARGE LANES
PIPELINE DREDGING

LOGS OF BORINGS
STA. 0+000 TO STA. 22+000

Drawing No.:
F-4
Sheet 49 of 55

File No. HSC 401-497

...\Hsc\401-497\URS\F04.dgn 5/5/2004 8:44:33 AM