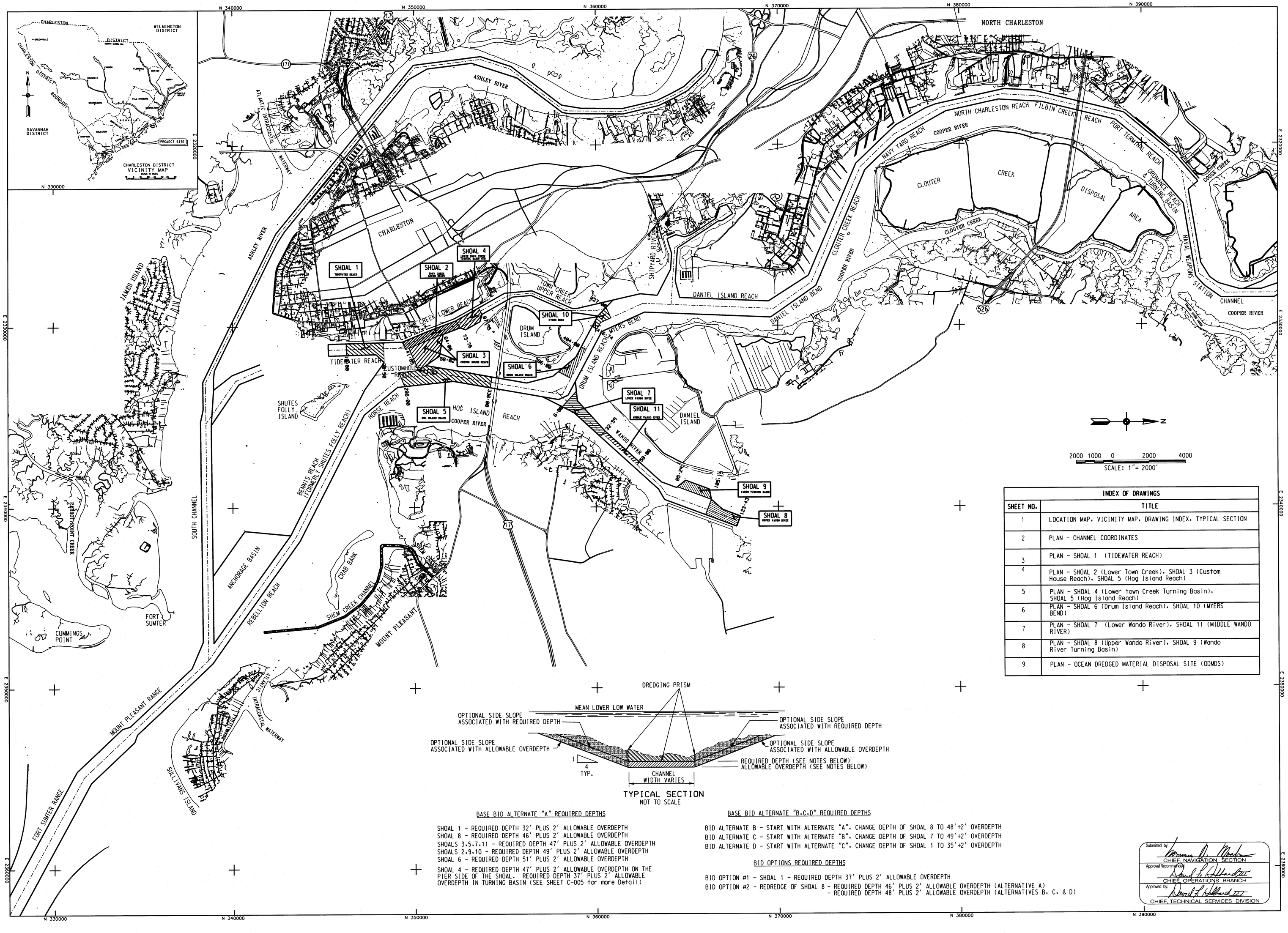

INDEX OF DRAWINGS	
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1	LOCATION MAP, VICINITY MAP, DRAWING INDEX, TYPICAL SECTION
2	PLAN - CHANNEL COORDINATES
3	PLAN - SHOAL 1 (TIDEWATER REACH)
4	PLAN - SHOAL 2 (Lower Town Creek), SHOAL 3 (Custom House Reach), SHOAL 5 (Hog Island Reach)
5	PLAN - SHOAL 4 (Lower town Creek Turning Basin), SHOAL 5 (Hog Island Reach)
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7	PLAN - SHOAL 7 (Lower Wando River), SHOAL 11 (MIDDLE WANDO RIVER)
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9	PLAN - OCEAN DREDGED MATERIAL DISPOSAL SITE (ODMDS)

TYPICAL SECTION
NOT TO SCALE

BASE BID ALTERNATE "A" REQUIRED DEPTHS

SHOAL 1 - REQUIRED DEPTH 32' PLUS 2' ALLOWABLE OVERDEPTH
SHOAL 8 - REQUIRED DEPTH 46' PLUS 2' ALLOWABLE OVERDEPTH
SHOALS 3,5,7,11 - REQUIRED DEPTH 47' PLUS 2' ALLOWABLE OVERDEPTH
SHOALS 2,9,10 - REQUIRED DEPTH 49' PLUS 2' ALLOWABLE OVERDEPTH
SHOAL 6 - REQUIRED DEPTH 51' PLUS 2' ALLOWABLE OVERDEPTH

SHOAL 4 - REQUIRED DEPTH 47' PLUS 2' ALLOWABLE OVERDEPTH ON THE PIER SIDE OF THE SHOAL. REQUIRED DEPTH 37' PLUS 2' ALLOWABLE OVERDEPTH IN TURNING BASIN (SEE SHEET C-005 for more Detail)

BASE BID ALTERNATE "B,C,D" REQUIRED DEPTHS

BID ALTERNATE B - START WITH ALTERNATE "A", CHANGE DEPTH OF SHOAL 8 TO 48'+2' OVERDEPTH
BID ALTERNATE C - START WITH ALTERNATE "B", CHANGE DEPTH OF SHOAL 7 TO 49'+2' OVERDEPTH
BID ALTERNATE D - START WITH ALTERNATE "C", CHANGE DEPTH OF SHOAL 1 TO 35'+2' OVERDEPTH

BID OPTIONS REQUIRED DEPTHS

BID OPTION #1 - SHOAL 1 - REQUIRED DEPTH 37' PLUS 2' ALLOWABLE OVERDEPTH
BID OPTION #2 - REDREDGE OF SHOAL 8 - REQUIRED DEPTH 46' PLUS 2' ALLOWABLE OVERDEPTH (ALTERNATIVE A)
- REQUIRED DEPTH 48' PLUS 2' ALLOWABLE OVERDEPTH (ALTERNATIVES B, C, & D)

Submitted by: CHIEF, NAVIGATION SECTION
Approval Recommended by: CHIEF, OPERATIONS BRANCH
Approved by: CHIEF, TECHNICAL SERVICES DIVISION

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

IFB NO. W912HN-09-B-0016

MAINTENANCE DREDGING IN
CHARLESTON HARBOR LOWER REACHES
AND WANDO RIVER

9250

LOCATION MAP VICINITY MAP
AND INDEX OF DRAWINGS

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER
C-001

SHEET 1 OF 9