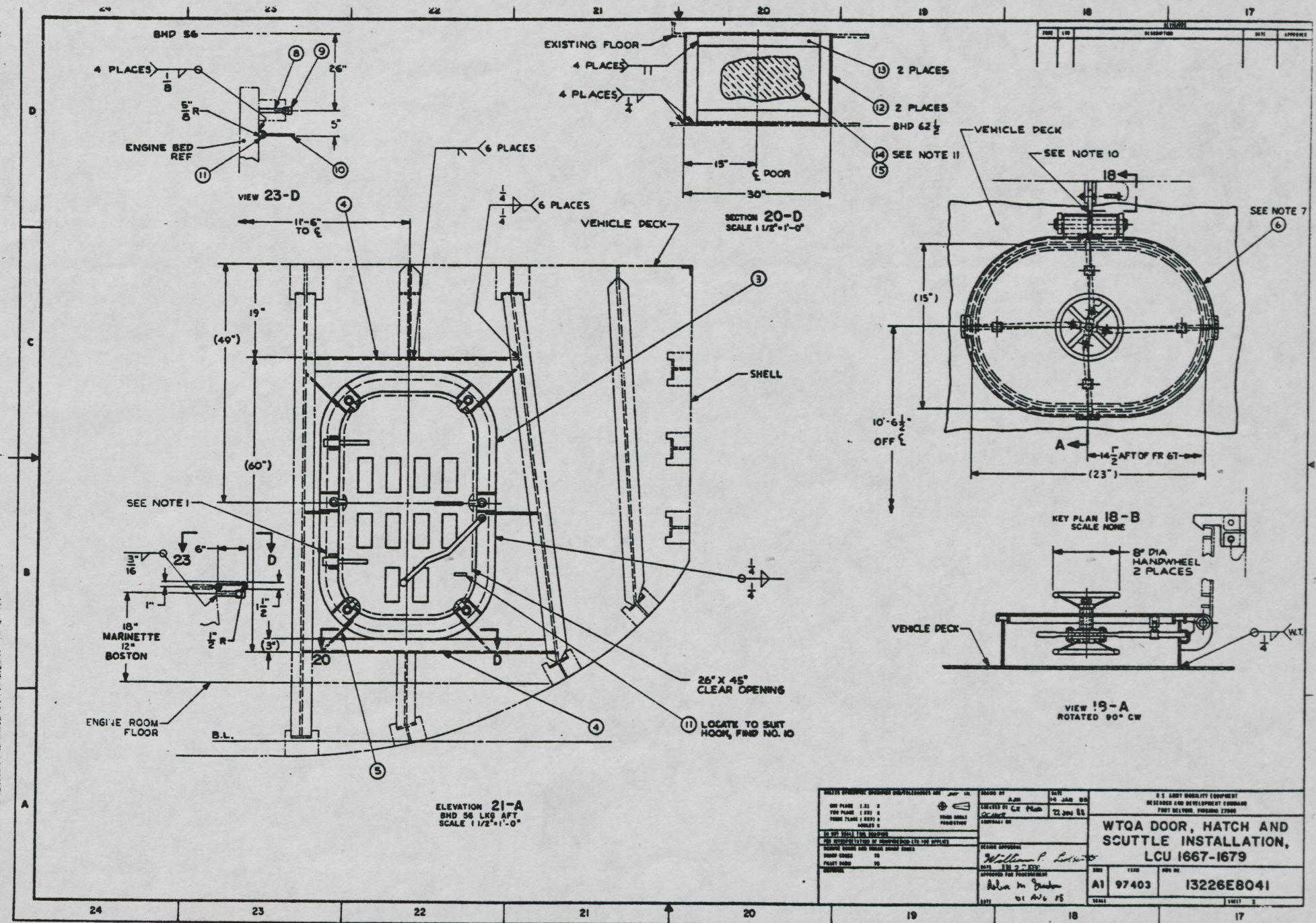
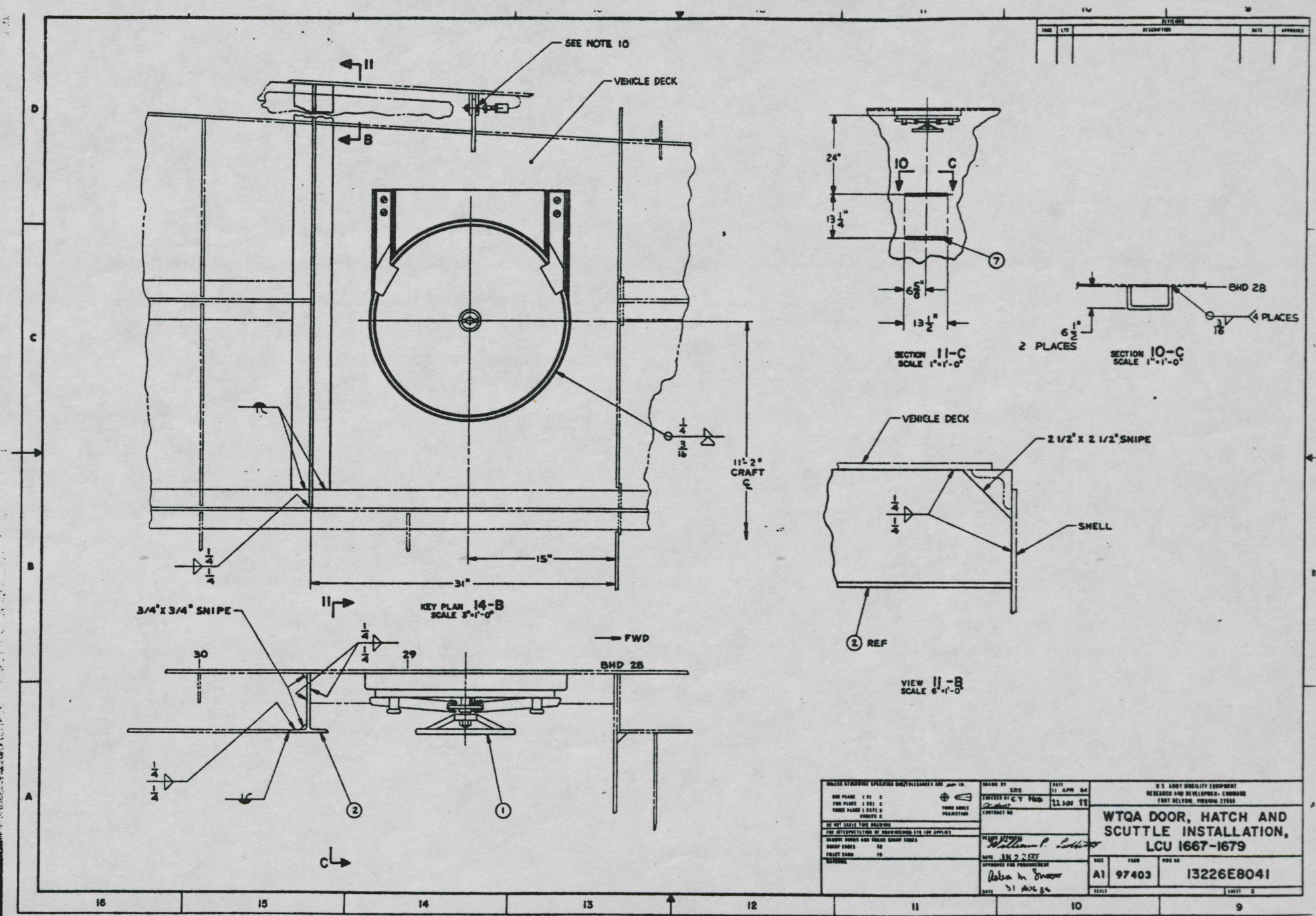




TITLE: WTQA DOOR, HATCH AND SCUTTLE INSTALLATION PROJECT: 1667-1679 DRAWING NO: 13226E8041		DESIGNED BY: C. L. Pugh CHECKED BY: J. L. Pugh DATE: 12 JAN 68	
APPROVED FOR CONSTRUCTION: William P. L... DATE: 01 MAR 68		APPROVED FOR CONSTRUCTION: John M. Graham DATE: 01 MAR 68	
U.S. ARMY QUALITY EQUIPMENT RELEASED AND DEVELOPMENT CONSIDERED FIRST DELIVER, FORWARD 12900		WTQA DOOR, HATCH AND SCUTTLE INSTALLATION, LCU 1667-1679	
A1 97403		13226E8041	



1. CUT DOOR FOR DOOR, FIND NO. 3, IN ACCORDANCE WITH HAYSEA 000-140000. DOOR REINFORCEMENT PLATES, FIND NO. 8, SHALL BE IN ACCORDANCE WITH HAYSEA DOO-000-100020.
2. FABRICATION, WELDING AND BRACKETING SHALL BE IN ACCORDANCE WITH HAYSEA 0000-LP-010-010.
3. TEMPLATE WORK FROM LCU AND EQUIPMENT.
4. EQUIPMENT AND VORNAMSHIP SHALL BE IN ACCORDANCE WITH USCS AND AS REGULATIONS.
5. REPAIR ALL PAINT DAMAGED BY THIS INSTALLATION IN ACCORDANCE WITH U.S. ARMY TMS-0104.
6. SLIGHT DEVIATIONS FROM DIMENSIONS SHOWN ARE PERMISSIBLE TO SUIT ACTUAL CONDITIONS FOUND ABOARD VESSEL.
7. REPLACE EXISTING HATCH AND COMING WITH FIND NO. 6. LOCATION SHOWN IS THAT OF LCU 1671 TO 1676, LOCATION OF LCU 1667-1670 IS SIMILAR BUT ORIENTATION IS SLIGHTLY DIFFERENT.
8. FOR INSTALLATION OF DOOR, FIND NO. 3, BETWEEN ENGINE ROOMS REMOVE AND RELOCATE THE FOLLOWING.
 - LCU 1667-1670:
 - A. VENT MOTOR CONTROLLER IN AFT ENGINE ROOM.
 - B. L O PUMP MOTOR CONTROLLER IN FWD ENGINE ROOM.
 - C. FIRE EXTINGUISHER IN FWD ENGINE ROOM.
 - LCU 1671-1679
 - A. L O PUMP MOTOR CONTROLLER IN FWD ENGINE ROOM.
 - B. O PUMP IN FWD ENGINE ROOM ABOVE 15" FWD OF PRESENT LOCATION.
 - C. FIRE EXTINGUISHER IN FWD ENGINE ROOM.
 - D. BURN SORCH IN AFT ENGINE ROOM.
9. MATERIAL ORDERED ON THIS DRAWING IS NOT INTENDED TO BE RESTRICTIVE. SUBSTITUTION OF EQUAL QUALITY MATERIAL MAY BE MADE EXCEPT FOR ITEMS MARKED WTE.
10. PROVIDE POSITIVE CATCH ASSEMBLY TO RETAIN HATCH AND BOTTLE COVER. DESIGN AND MATERIALS TO BE THE SAME AS EXISTING CATCH ASSEMBLIES.
11. DRILL AND CONTOUR REINFORCEMENT PLATE, FIND NO. 14 IN PLACES FOR SCREW, FIND NO. 15. TAP ANGLE FIND NO. 12, 14-20 UNC-28 AS REQUIRED TO SUIT.

REFERENCE DRAWINGS		
NO.	DRAWING NO.	TITLE
1	123-4624374	DOOR PORT HATCH ARMED DET
2	123-4661948	DOORS, HATCHES, MANHOLES AND AIRPORT SCHEDULE

TAB	IS	HE 189-1	1	SCREW FLAT HD CTR 80°, SLOTTED, 1/4-20 UNC-2 X 1" L			CNS
TAB	16	Q81-16	2	DIAMOND TREAD PLATE, 3/16" STK		ASTH B632	ALUMINUM
TAB	12		2	ANGLE, 1 1/2" X 2 1/2" X 1/8" STK		ASTH A36	STEEL
TAB	12		2	ANGLE, 1 1/2" X 2 1/2" X 1/4" STK		ASTH A36	STEEL
TAB	11		2	BAR, 1/4" DIA X 2.75 L		ASTH A36	STEEL
TAB	10		1	BAR, 1/4" DIA X 9" L		ASTH A36	STEEL
TAB	6	244875	1	CHAIR TIP, 1" DIA HOLE (MCHTS CAR)		COML	RUBBER
TAB	6	TY 8	1	TUBE, 1" OD X 5/32" WALL X 6 1/2" L		ASTH A513	STEEL
TAB	7		2	BAR, 3/4" DIA		ASTH A36	STEEL
GFE	6	67637	1	BATCH WTR (MIXED OVAL) 16" X 23" CLEAR OPENING, 1/4" HOLE, DIA 6" (JUMPER 180)		COML	VARIOUS
TAB	8		6	PLATE, 1/8" STK	SEE NOTE 1	ASTH A36	STEEL
TAB	8		2	ANGLE, 4" X 3" X 1/4" STK		ASTH A36	STEEL
GFE	3	67637	1	DOWN TYP, 8" X 8", 6 DOB (JUMPER 180)		SEE BOTS 1	STEEL
TAB	2		1	TEE, 6" X 4" X 8" E/FY STK		ASTH A36	STEEL
GFE	1	67637	1	SCUTTLE WTR, 18" DIA, 1/8" DIA, 3-DOB (JUMPER 180)			

1. NAME (LAST, FIRST, MIDDLE NAME) AND GRADE ONE PLANO 1 11 5 TWO PLANO 1 121 5 THREE PLANO 1 131 5 FOUR PLANO 1 141 5 FIVE PLANO 1 151 5 SIX PLANO 1 161 5 SEVEN PLANO 1 171 5 EIGHT PLANO 1 181 5 NINE PLANO 1 191 5 TEN PLANO 1 201 5 ELEVEN PLANO 1 211 5 TWELVE PLANO 1 221 5 THIRTEEN PLANO 1 231 5 FOURTEEN PLANO 1 241 5 FIFTEEN PLANO 1 251 5 SIXTEEN PLANO 1 261 5 SEVENTEEN PLANO 1 271 5 EIGHTEEN PLANO 1 281 5 NINETEEN PLANO 1 291 5 TWENTY PLANO 1 301 5 TWENTY ONE PLANO 1 311 5 TWENTY TWO PLANO 1 321 5 TWENTY THREE PLANO 1 331 5 TWENTY FOUR PLANO 1 341 5 TWENTY FIVE PLANO 1 351 5 TWENTY SIX PLANO 1 361 5 TWENTY SEVEN PLANO 1 371 5 TWENTY EIGHT PLANO 1 381 5 TWENTY NINE PLANO 1 391 5 THIRTY PLANO 1 401 5 THIRTY ONE PLANO 1 411 5 THIRTY TWO PLANO 1 421 5 THIRTY THREE PLANO 1 431 5 THIRTY FOUR PLANO 1 441 5 THIRTY FIVE PLANO 1 451 5 THIRTY SIX PLANO 1 461 5 THIRTY SEVEN PLANO 1 471 5 THIRTY EIGHT PLANO 1 481 5 THIRTY NINE PLANO 1 491 5 FORTY PLANO 1 501 5 FORTY ONE PLANO 1 511 5 FORTY TWO PLANO 1 521 5 FORTY THREE PLANO 1 531 5 FORTY FOUR PLANO 1 541 5 FORTY FIVE PLANO 1 551 5 FORTY SIX PLANO 1 561 5 FORTY SEVEN PLANO 1 571 5 FORTY EIGHT PLANO 1 581 5 FORTY NINE PLANO 1 591 5 FIFTY PLANO 1 601 5 FIFTY ONE PLANO 1 611 5 FIFTY TWO PLANO 1 621 5 FIFTY THREE PLANO 1 631 5 FIFTY FOUR PLANO 1 641 5 FIFTY FIVE PLANO 1 651 5 FIFTY SIX PLANO 1 661 5 FIFTY SEVEN PLANO 1 671 5 FIFTY EIGHT PLANO 1 681 5 FIFTY NINE PLANO 1 691 5 SIXTY PLANO 1 701 5 SIXTY ONE PLANO 1 711 5 SIXTY TWO PLANO 1 721 5 SIXTY THREE PLANO 1 731 5 SIXTY FOUR PLANO 1 741 5 SIXTY FIVE PLANO 1 751 5 SIXTY SIX PLANO 1 761 5 SIXTY SEVEN PLANO 1 771 5 SIXTY EIGHT PLANO 1 781 5 SIXTY NINE PLANO 1 791 5 SEVENTY PLANO 1 801 5 SEVENTY ONE PLANO 1 811 5 SEVENTY TWO PLANO 1 821 5 SEVENTY THREE PLANO 1 831 5 SEVENTY FOUR PLANO 1 841 5 SEVENTY FIVE PLANO 1 851 5 SEVENTY SIX PLANO 1 861 5 SEVENTY SEVEN PLANO 1 871 5 SEVENTY EIGHT PLANO 1 881 5 SEVENTY NINE PLANO 1 891 5 EIGHTY PLANO 1 901 5 EIGHTY ONE PLANO 1 911 5 EIGHTY 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