

REV	DESCRIPTION	DATE
A	INITIAL RELEASE	11-08-2025

- NEW WIRE / UNIT
- - - - - EXISTING WIRE
- AIRFRAME
- - - - - UNIT

**NOTES:**

1. ROUTE ALL WIRES AND CABLES WITH EXISTING WIRE ROUTES WHERE POSSIBLE AND CLAMP IN ACCORDANCE WITH THE LATEST REVISION OF BHT-ELEC-SPM CHAPTER 6.
2. IT IS PERMISSIBLE TO INCREASE/DECREASE EXISTING CLAMP SIZE FOR A SNUG FIT IF REQUIRED.
3. WIRES MUST BE ROUTED ABOVE COMBUSTIBLE FLUID OR OXYGEN LINE AND EQUIPMENT WITH A MINIMUM OF 6 INCHES OF SEPARATION (MIN 2 INCHES IF WIRES IN CONDUIT).
4. IT IS PERMISSIBLE TO MAKE MINOR DEVIATION IN HARNESS ROUTING TO ACCOMMODATE FOR VARIATIONS IN AIRCRAFT.
5. ALL LOCATIONS ARE APPROXIMATE. FOR DETAILED INSTALLATION INFORMATION, SEE REFERENCE ICA-D212-725 AND BHT-212-MM.

-011 QTY	ITEM	PART NUMBER	DESCRIPTION	REMARKS
		-011	WIRE ROUTING, AVIONICS UPGRADE	WITH GI 275
BILL OF MATERIALS				

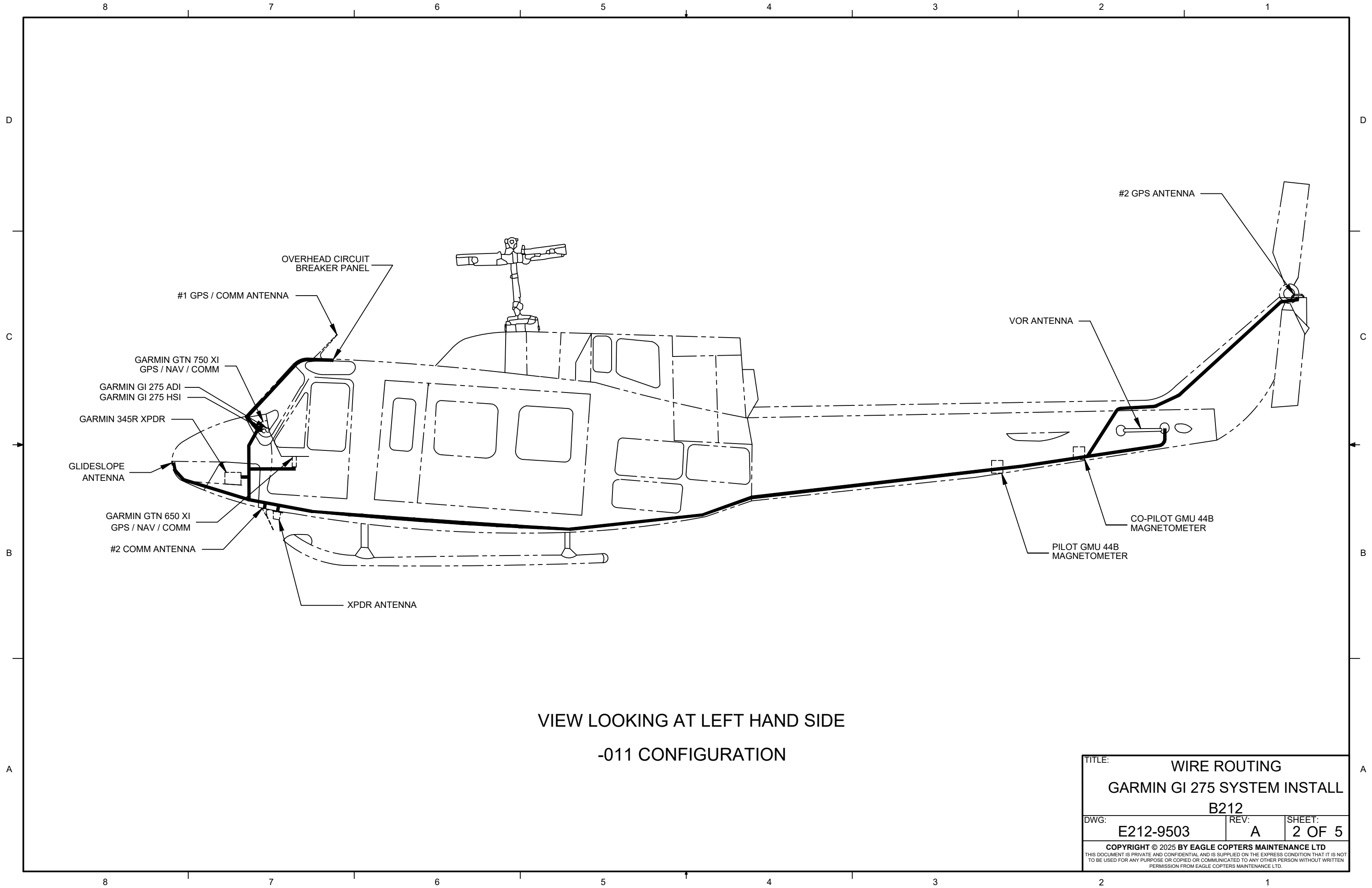
PREPARED	gs
REVIEWED	ds
RELEASED	RP
SCALE:	NTS



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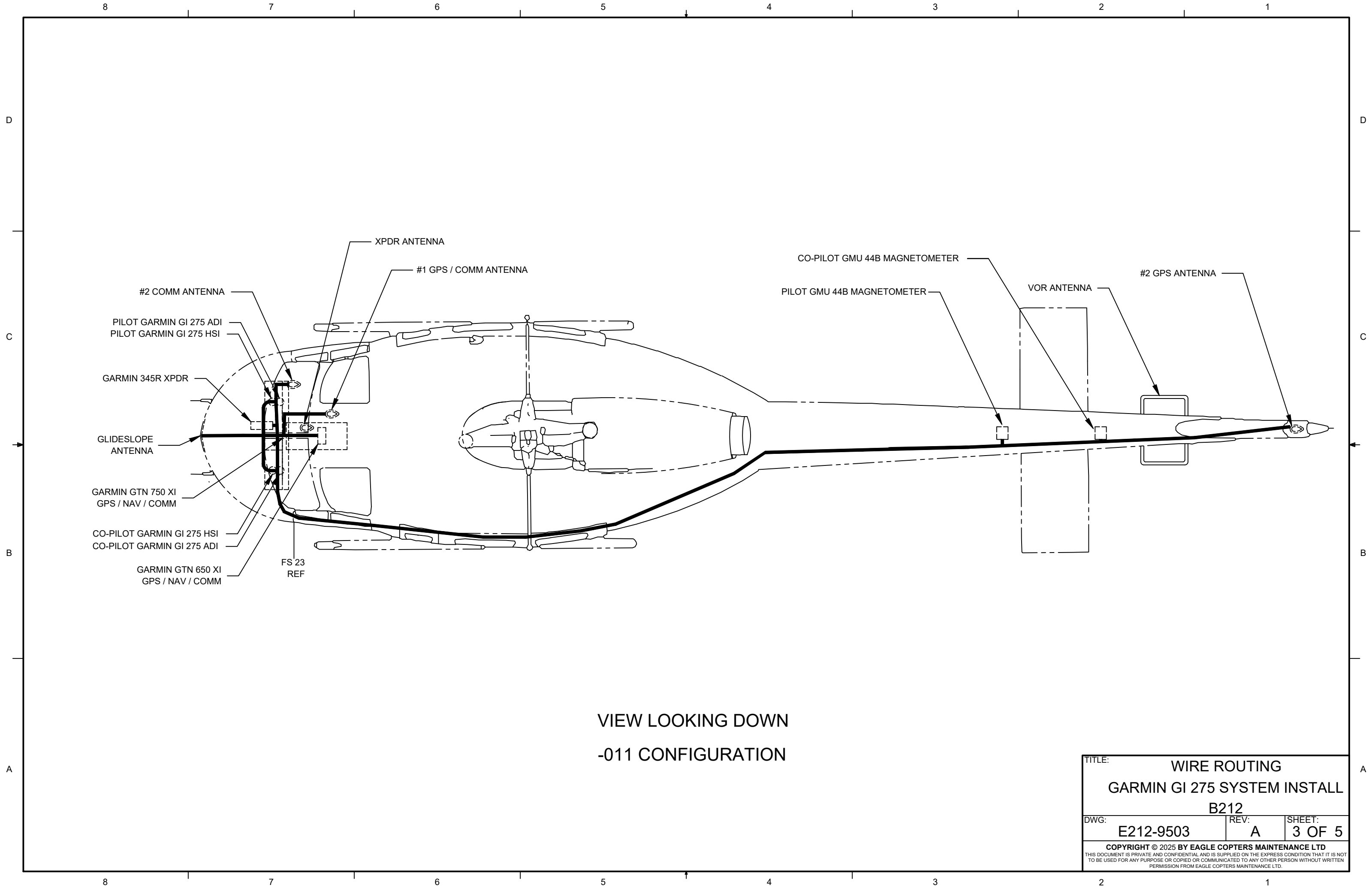
TITLE: <b>WIRE ROUTING GARMIN GI 275 SYSTEM INSTALL B212</b>		DWG: <b>E212-9503</b>
REV: <b>A</b>	SHEET: <b>1 OF 5</b>	

THIS DRAWING IS UNCONTROLLED UNLESS OPENED DIRECTLY FROM ECML'S CONTROLLED REPOSITORY



VIEW LOOKING AT LEFT HAND SIDE  
 -011 CONFIGURATION

TITLE:		
WIRE ROUTING GARMIN GI 275 SYSTEM INSTALL B212		
DWG:	REV:	SHEET:
E212-9503	A	2 OF 5
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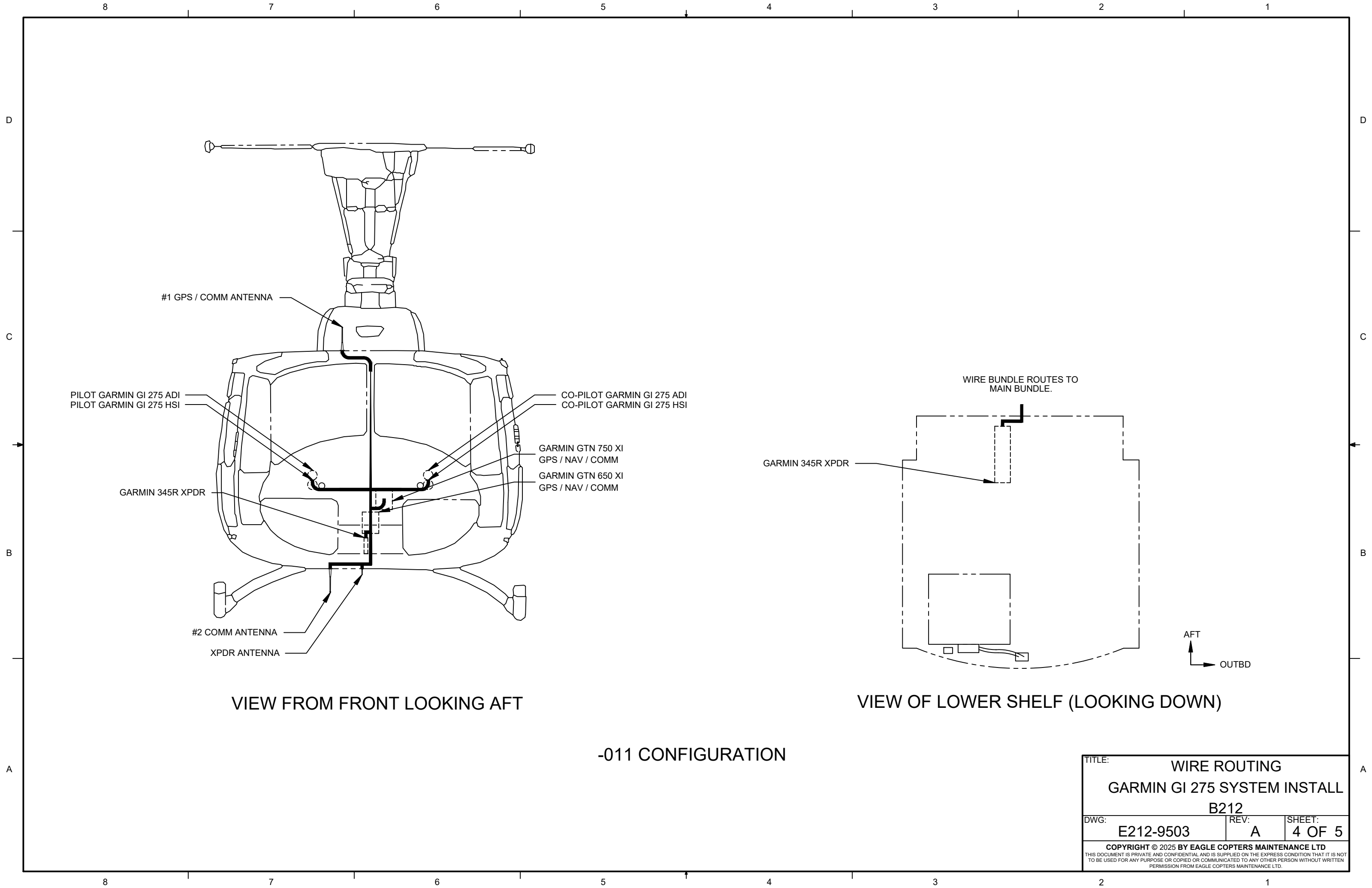
A

#2 COMM ANTENNA  
 PILOT GARMIN GI 275 ADI  
 PILOT GARMIN GI 275 HSI  
 GARMIN 345R XPDR  
 GLIDESLOPE ANTENNA  
 GARMIN GTN 750 XI  
 GPS / NAV / COMM  
 CO-PILOT GARMIN GI 275 HSI  
 CO-PILOT GARMIN GI 275 ADI  
 GARMIN GTN 650 XI  
 GPS / NAV / COMM  
 FS 23 REF  
 XPDR ANTENNA  
 #1 GPS / COMM ANTENNA  
 CO-PILOT GMU 44B MAGNETOMETER  
 PILOT GMU 44B MAGNETOMETER  
 VOR ANTENNA  
 #2 GPS ANTENNA

VIEW LOOKING DOWN  
-011 CONFIGURATION

TITLE:		
WIRE ROUTING GARMIN GI 275 SYSTEM INSTALL B212		
DWG:	REV:	SHEET:
E212-9503	A	3 OF 5
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8 7 6 5 4 3 2 1



PILOT GARMIN GI 275 ADI  
PILOT GARMIN GI 275 HSI

#1 GPS / COMM ANTENNA

CO-PILOT GARMIN GI 275 ADI  
CO-PILOT GARMIN GI 275 HSI

GARMIN GTN 750 XI  
GPS / NAV / COMM  
GARMIN GTN 650 XI  
GPS / NAV / COMM

GARMIN 345R XPDR

#2 COMM ANTENNA

XPDR ANTENNA

VIEW FROM FRONT LOOKING AFT

WIRE BUNDLE ROUTES TO  
MAIN BUNDLE.

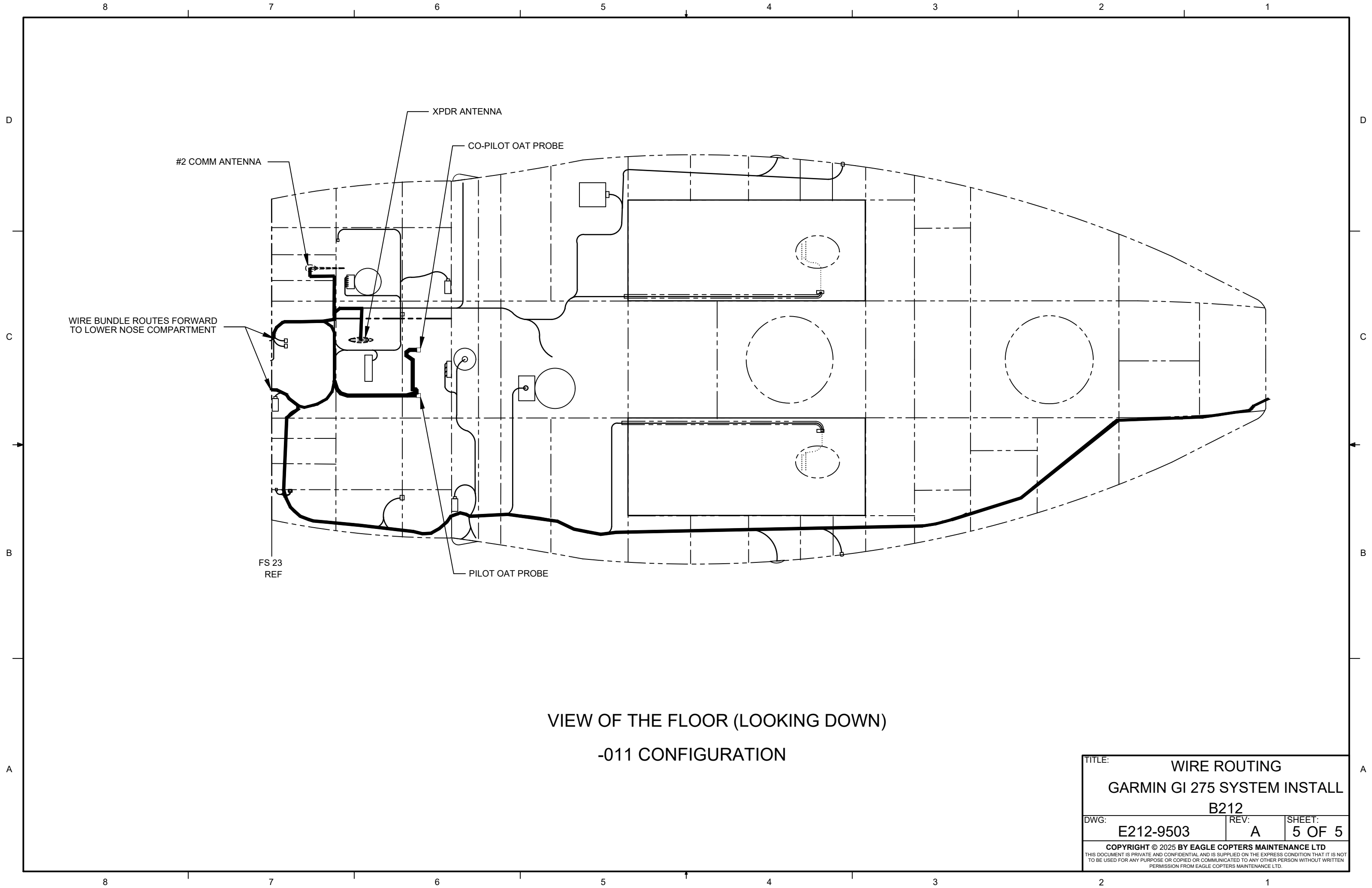
GARMIN 345R XPDR

AFT  
OUTBD

VIEW OF LOWER SHELF (LOOKING DOWN)

-011 CONFIGURATION

TITLE:			WIRE ROUTING		
			GARMIN GI 275 SYSTEM INSTALL		
			B212		
DWG:	REV:	SHEET:			
E212-9503	A	4 OF 5			
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VIEW OF THE FLOOR (LOOKING DOWN)  
 -011 CONFIGURATION

TITLE:		
WIRE ROUTING GARMIN GI 275 SYSTEM INSTALL B212		
DWG:	REV:	SHEET:
E212-9503	A	5 OF 5
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