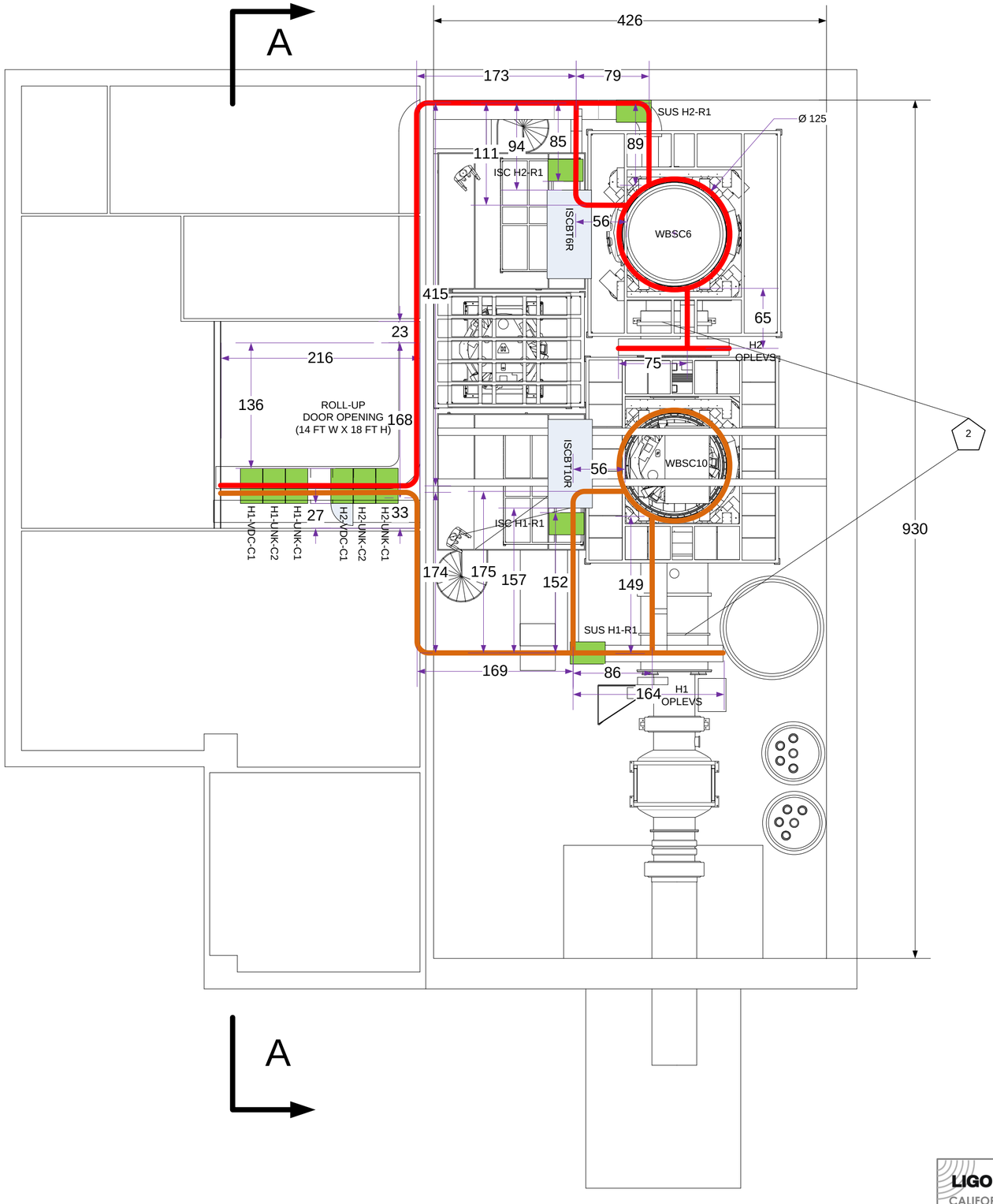
NOTES:
1) ALL DIMENSIONS ARE IN INCHES
2) SOME BSC TRAYS INTERFERE WITH SPOOL REMOVAL; MUST BE DIS-ASSEMBLED
3) TRAY FOR ION PUMP HIGH VOLTAGE CABLES IS NOT SHOWN YET
4) SEPARATE TRAY FOR VACUUM CONTROL AND MONITORING SYSTEM (VCMS) RACKS?
5) CABLE TRAY SUPPORTS ARE NOT SHOWN YET
6) CAPACITIVE POSITION SENSOR SATELLITE RACKS ARE NOT SHOWN YET (MUST BE WITHIN 1 METER OF FLANGE) – ON BSC CROSS-BEAM?
7) TRAY CIRCLING THE BSC CHAMBERS MUST BE OPEN WIRE TYPE WITH CUSTOM ATTACHMENT STRUCTURE TO CLAMP TO THE STIFFENING RING JUST BELOW THE FEEDTHROUGH PORTS
8) ALL TRAY TO BE LADDER OR RAIL TYPE (EXCEPT CIRCLING THE BSC CHAMBERS) – SEE SHEET 2 FOR CABLE TRAY SIZE INFORMATION
9) CONDUITS FOR DC POWER DISTRIBUTION TO BE RUN WITH SIGNAL CABLES IN SAME TRAYS

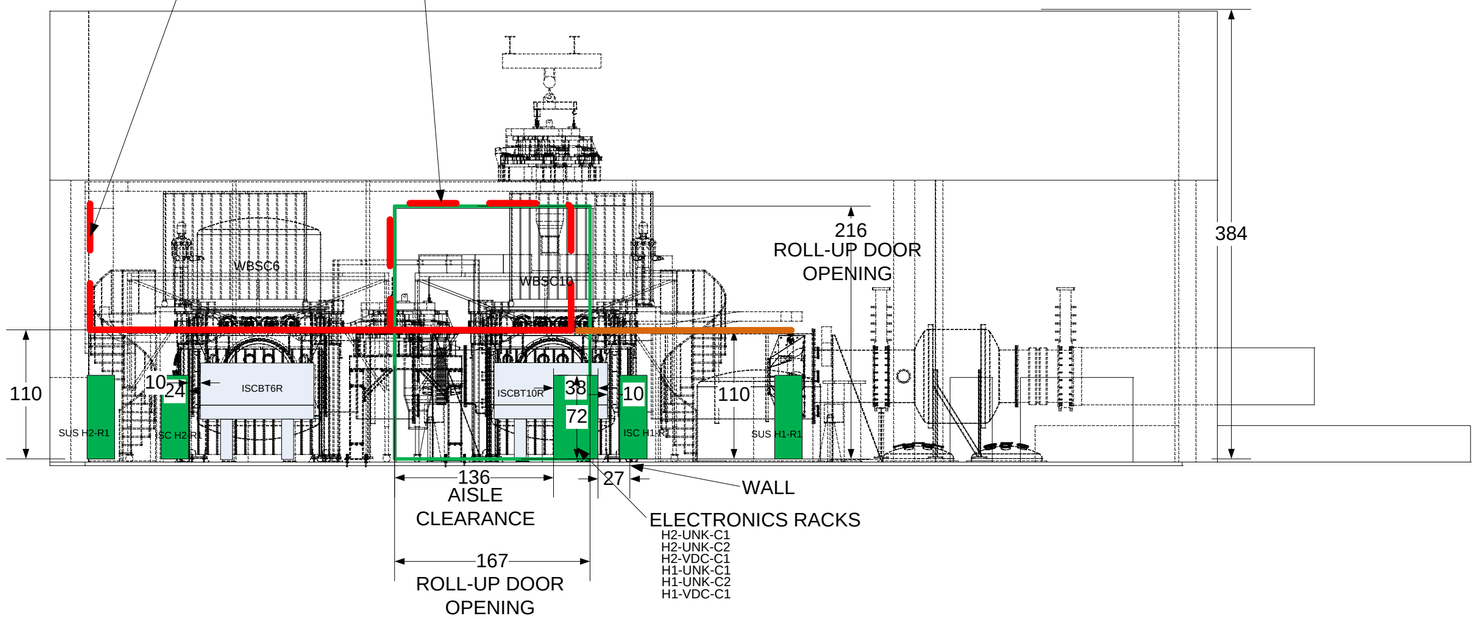


LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			NAME	RACK & CABLE TRAY LAYOUT, Y-End, H1 & H2 – Plan View	
DESIGNER	D. COYNE	2011-01-04	SIZE	DWG. NO.	REV
DRAFTER	D. COYNE	2011-01-04	C	D1100024	V1
CHECKER					
FOR APPROVAL SEE THE DCC RECORD			SCALE:	PROJECTION:	SHEET 1 OF 2

ALTERNATE ROUTE OF H2 TRAY TO AVOID INTERFERENCE WITH SPIRAL STAIRS TO MODULE-E – ALTERNATIVE IS TO MOVE STRAIRS TO OPPOSITE SIDE OF MODULE-E AND MOVE LOCATION OF BSC MECHANICAL TEST STAND FOR WBSC6 INSTALLATION SUPPORT

ALTERNATE ROUTE OF H2 TRAY TO AVOID BLOCKING ROLL-UP DOOR OPENING

HEIGHT OF TOP OF VESTIBULE (108"),
HEIGHT OF TRAY (110", LOWER SURFACE),
HEIGHT OF MANIFOLD TUBE TOP (110"),
HEIGHT OF BSC STIFFENING RING (108")
(WHICH SUPPORTS TRAY AROUND BSC CHAMBER)



SECTION A-A

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			NAME	RACK & CABLE TRAY LAYOUT, Y-End, H1 & H2 – Plan View	
DESIGNER	D. COYNE	2011-01-04	SIZE	DWG. NO.	REV
DRAFTER	D. COYNE	2011-01-04	C	D1100024	V1
CHECKER					
FOR APPROVAL SEE THE DCC RECORD			SCALE:	PROJECTION:	SHEET 2 OF 2