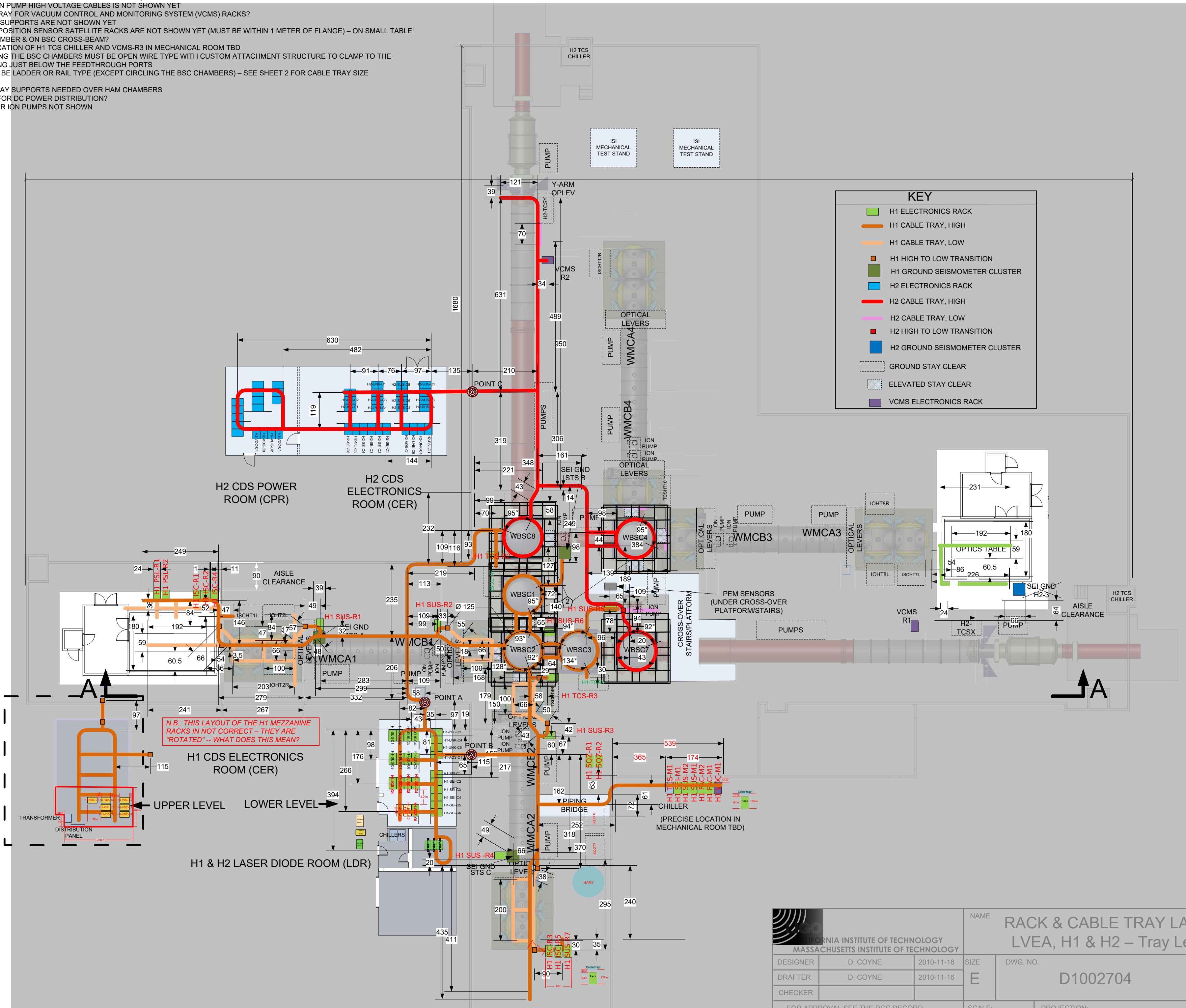


- NOTES:
- 1) ALL DIMENSIONS ARE IN INCHES
 - 2) SOME BSC TRAYS INTERFERE WITH SPOOL REMOVAL; MUST BE DIS-ASSEMBLED
 - 3) TRAY FOR ION PUMP HIGH VOLTAGE CABLES IS NOT SHOWN YET
 - 4) SEPARATE TRAY FOR VACUUM CONTROL AND MONITORING SYSTEM (VCMS) RACKS?
 - 5) CABLE TRAY SUPPORTS ARE NOT SHOWN YET
 - 6) CAPACITIVE POSITION SENSOR SATELLITE RACKS ARE NOT SHOWN YET (MUST BE WITHIN 1 METER OF FLANGE) – ON SMALL TABLE NEAR HAM CHAMBER & ON BSC CROSS-BEAM?
 - 7) PRECISE LOCATION OF H1 TCS CHILLER AND VCMS-R3 IN MECHANICAL ROOM TBD
 - 8) 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
 - 9) ALL TRAY TO BE LADDER OR RAIL TYPE (EXCEPT CIRCLING THE BSC CHAMBERS) – SEE SHEET 2 FOR CABLE TRAY SIZE INFORMATION
 - 10) CUSTOM TRAY SUPPORTS NEEDED OVER HAM CHAMBERS
 - 11) CONDUITS FOR DC POWER DISTRIBUTION?
 - 12) HV TRAY FOR ION PUMPS NOT SHOWN



KEY

- H1 ELECTRONICS RACK
- H1 CABLE TRAY, HIGH
- H1 CABLE TRAY, LOW
- H1 HIGH TO LOW TRANSITION
- H1 GROUND SEISMOMETER CLUSTER
- H2 ELECTRONICS RACK
- H2 CABLE TRAY, HIGH
- H2 CABLE TRAY, LOW
- H2 HIGH TO LOW TRANSITION
- H2 GROUND SEISMOMETER CLUSTER
- GROUND STAY CLEAR
- ELEVATED STAY CLEAR
- VCMS ELECTRONICS RACK

N.B.: THIS LAYOUT OF THE H1 MEZZANINE RACKS IS NOT CORRECT – THEY ARE "ROTATED" – WHAT DOES THIS MEAN?

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		NAME		RACK & CABLE TRAY LAYOUT, LVEA, H1 & H2 – Tray Lengths	
		DESIGNER	D. COYNE	2010-11-16	SIZE
DRAFTER	D. COYNE	2010-11-16	E	D1002704	
CHECKER					REV
FOR APPROVAL SEE THE DCC RECORD			SCALE:	PROJECTION:	SHEET 4 OF 5