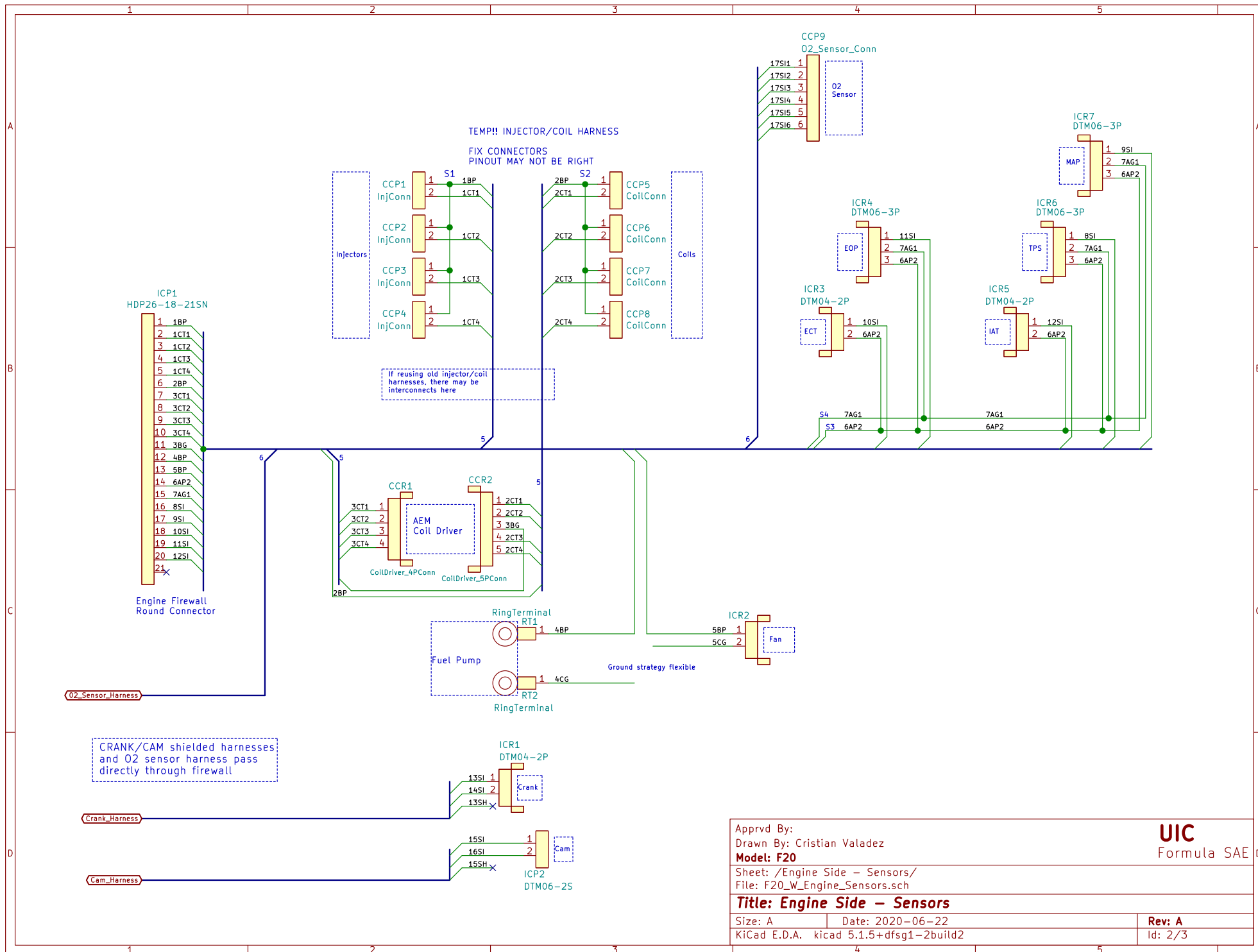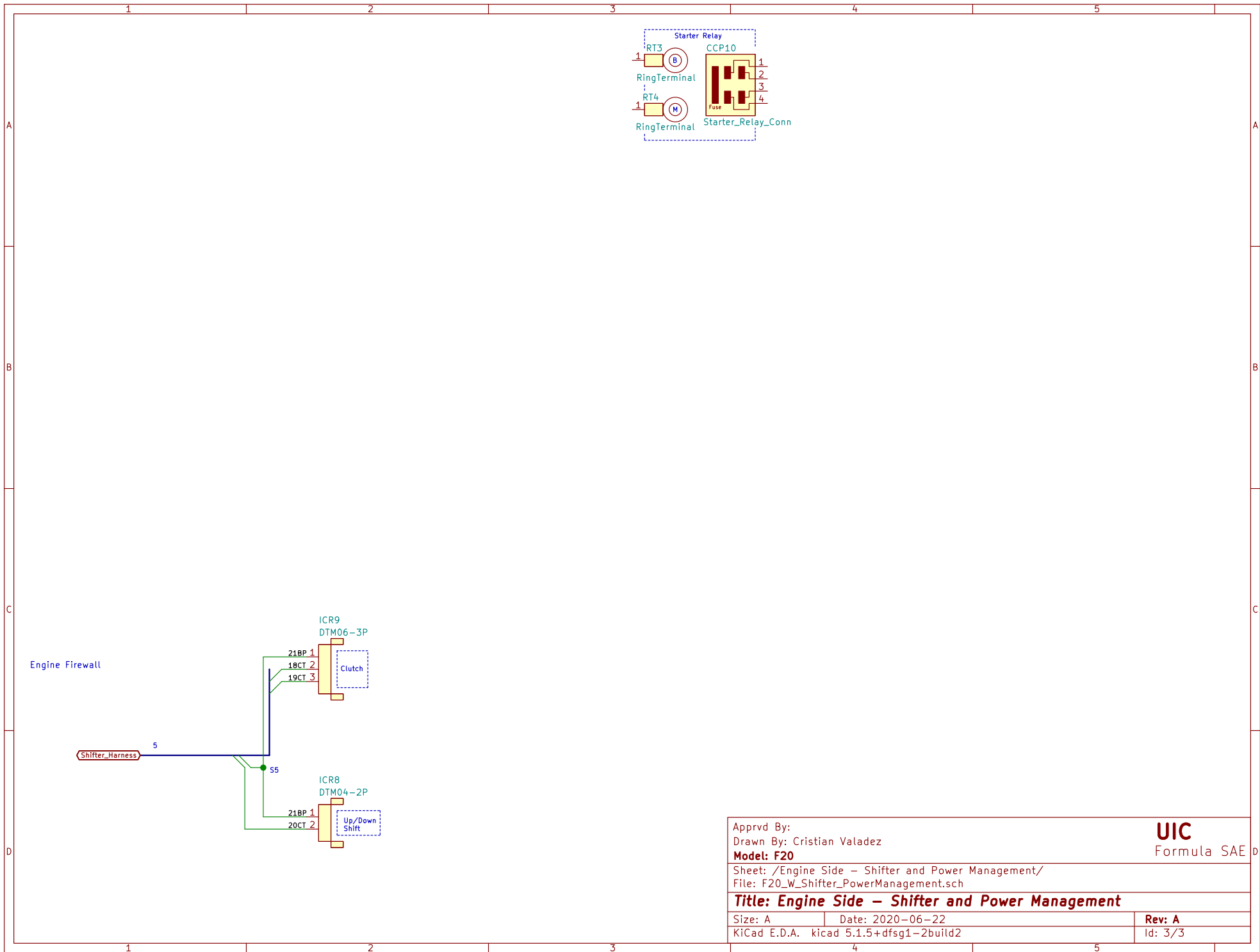Sheet: Engine Side — Sensors

File: F20_W_Engine_Sensors.sch

Sheet: Engine Side — Shifter and Power Management

File: F20_W_Shifter_PowerManagement.sch

CCP9
O2_Sensor_Conn

17SI1 1
17SI2 2
17SI3 3
17SI4 4
17SI5 5
17SI6 6

O2
Sensor

ICR7
DTM06-3P

MAP

1 9SI
2 7AG1
3 6AP2

TEMP!! INJECTOR/COIL HARNESS

FIX CONNECTORS
PINOUT MAY NOT BE RIGHT

S1
CCP1
InjConn
1 1BP
2 1CT1

S2
2BP
2CT1
CCP5
CoilConn

ICR4
DTM06-3P

EOP

1 11SI
2 7AG1
3 6AP2

ICR6
DTM06-3P

TPS

1 8SI
2 7AG1
3 6AP2

CCP2
InjConn
1
2 1CT2

2CT2
CCP6
CoilConn

Injectors

Coils

CCP3
InjConn
1
2 1CT3

2CT3
CCP7
CoilConn

ICR3
DTM04-2P

ECT

1 10SI
2 6AP2

ICR5
DTM04-2P

IAT

1 12SI
2 6AP2

CCP4
InjConn
1
2 1CT4

2CT4
CCP8
CoilConn

ICP1
HDP26-18-21SN

1 1BP
2 1CT1
3 1CT2
4 1CT3
5 1CT4
6 2BP
7 3CT1
8 3CT2
9 3CT3
10 3CT4
11 3BG
12 4BP
13 5BP
14 6AP2
15 7AG1
16 8SI
17 9SI
18 10SI
19 11SI
20 12SI
21 ✕

Engine Firewall
Round Connector

If reusing old injector/coil
harnesses, there may be
interconnects here

S4 7AG1   7AG1
S3 6AP2   6AP2

5   6

6   5

CCR1
3CT1 1
3CT2 2
3CT3 3
3CT4 4

AEM
Coil Driver

CCR2
1 2CT1
2 2CT2
3 3BG
4 2CT3
5 2CT4

5

CoilDriver_4PConn
CoilDriver_5PConn

2BP

RingTerminal
RT1
1 4BP

ICR2
5BP 1
5CG 2

Fan

Fuel Pump

RingTerminal
RT2
1 4CG

Ground strategy flexible

O2_Sensor_Harness

CRANK/CAM shielded harnesses
and O2 sensor harness pass
directly through firewall

ICR1
DTM04-2P

13SI 1
14SI 2
13SH ✕

Crank

Crank_Harness

15SI 1
16SI 2
15SH ✕

Cam

ICP2
DTM06-2S

Cam_Harness

Starter Relay

RT3
RingTerminal

CCP10
Starter_Relay_Conn
1
2
3
4
Fuse

RT4
RingTerminal

ICR9
DTM06-3P
21BP 1
18CT 2
19CT 3
Clutch

Engine Firewall

Shifter_Harness
5
S5

ICR8
DTM04-2P
21BP 1
20CT 2
Up/Down
Shift