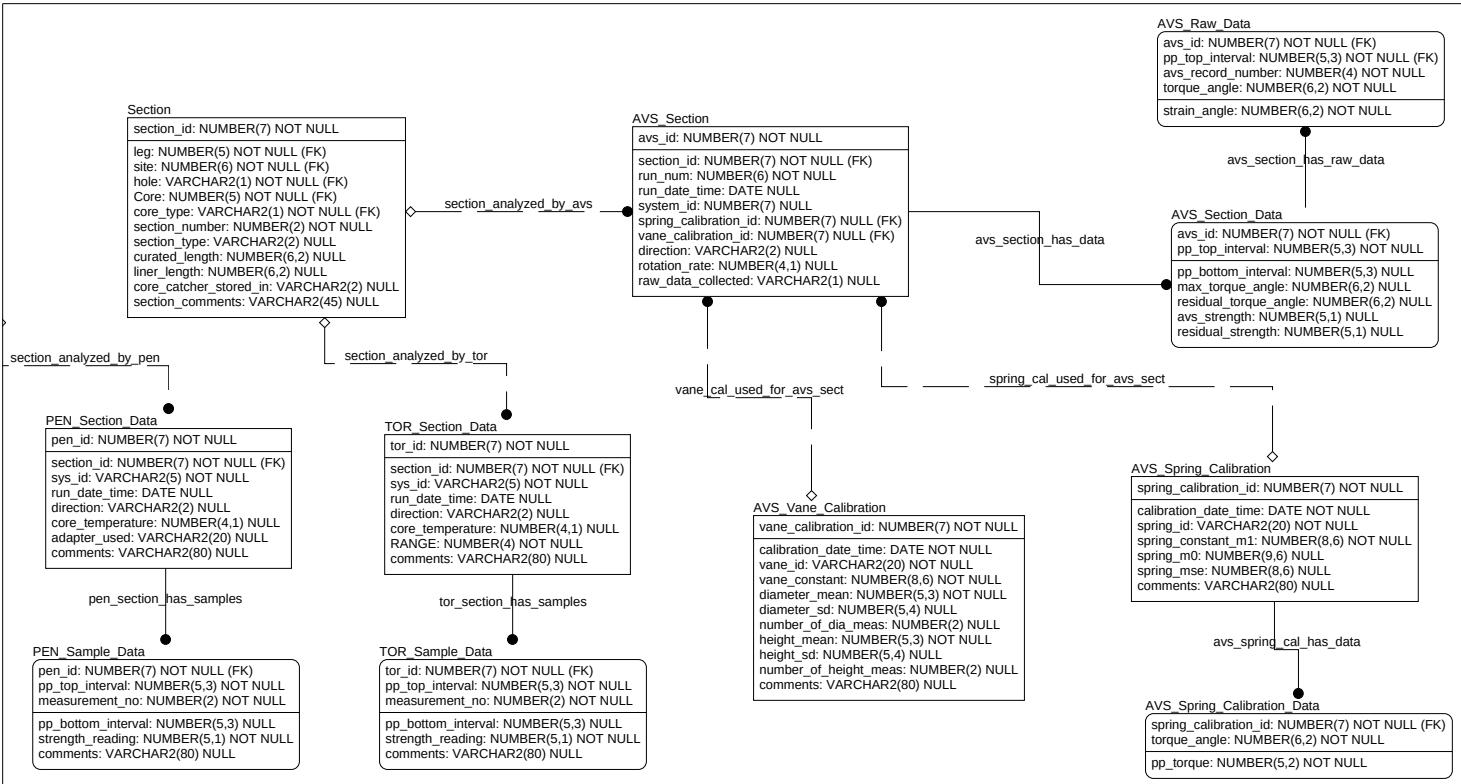
AVS_Raw_Data
avs_id: NUMBER(7) NOT NULL (FK)
pp_top_interval: NUMBER(5,3) NOT NULL (FK)
avs_record_number: NUMBER(4) NOT NULL
torque_angle: NUMBER(6,2) NOT NULL
strain_angle: NUMBER(6,2) NOT NULL
avs_section_has_raw_data
Section
section_id: NUMBER(7) NOT NULL
leg: NUMBER(5) NOT NULL (FK)
site: NUMBER(6) NOT NULL (FK)
hole: VARCHAR2(1) NOT NULL (FK)
Core: NUMBER(5) NOT NULL (FK)
core_type: VARCHAR2(1) NOT NULL (FK)
section_number: NUMBER(2) NOT NULL
section_type: VARCHAR2(2) NULL
curated_length: NUMBER(6,2) NULL
liner_length: NUMBER(6,2) NULL
core_catcher_stored_in: VARCHAR2(2) NULL
section_comments: VARCHAR2(45) NULL
section_analyzed_by_avs
AVS_Section
avs_id: NUMBER(7) NOT NULL
section_id: NUMBER(7) NOT NULL (FK)
run_num: NUMBER(6) NOT NULL
run_date_time: DATE NULL
system_id: NUMBER(7) NULL
spring_calibration_id: NUMBER(7) NULL (FK)
vane_calibration_id: NUMBER(7) NULL (FK)
direction: VARCHAR2(2) NULL
rotation_rate: NUMBER(4,1) NULL
raw_data_collected: VARCHAR2(1) NULL
avs_section_has_data
AVS_Section_Data
avs_id: NUMBER(7) NOT NULL (FK)
pp_top_interval: NUMBER(5,3) NOT NULL
pp_bottom_interval: NUMBER(5,3) NULL
max_torque_angle: NUMBER(6,2) NULL
residual_torque_angle: NUMBER(6,2) NULL
avs_strength: NUMBER(5,1) NULL
residual_strength: NUMBER(5,1) NULL
section_analyzed_by_pen
section_analyzed_by_tor
vane_cal_used_for_avs_sect
spring_cal_used_for_avs_sect
PEN_Section_Data
pen_id: NUMBER(7) NOT NULL
section_id: NUMBER(7) NOT NULL (FK)
sys_id: VARCHAR2(5) NOT NULL
run_date_time: DATE NULL
direction: VARCHAR2(2) NULL
core_temperature: NUMBER(4,1) NULL
adapter_used: VARCHAR2(20) NULL
comments: VARCHAR2(80) NULL
TOR_Section_Data
tor_id: NUMBER(7) NOT NULL
section_id: NUMBER(7) NOT NULL (FK)
sys_id: VARCHAR2(5) NOT NULL
run_date_time: DATE NULL
direction: VARCHAR2(2) NULL
core_temperature: NUMBER(4,1) NULL
RANGE: NUMBER(4) NOT NULL
comments: VARCHAR2(80) NULL
AVS_Vane_Calibration
vane_calibration_id: NUMBER(7) NOT NULL
calibration_date_time: DATE NOT NULL
vane_id: VARCHAR2(20) NOT NULL
vane_constant: NUMBER(8,6) NOT NULL
diameter_mean: NUMBER(5,3) NOT NULL
diameter_sd: NUMBER(5,4) NULL
number_of_dia_meas: NUMBER(2) NULL
height_mean: NUMBER(5,3) NOT NULL
height_sd: NUMBER(5,4) NULL
number_of_height_meas: NUMBER(2) NULL
comments: VARCHAR2(80) NULL
AVS_Spring_Calibration
spring_calibration_id: NUMBER(7) NOT NULL
calibration_date_time: DATE NOT NULL
spring_id: VARCHAR2(20) NOT NULL
spring_constant_m1: NUMBER(8,6) NOT NULL
spring_m0: NUMBER(9,6) NULL
spring_mse: NUMBER(8,6) NULL
comments: VARCHAR2(80) NULL
pen_section_has_samples
tor_section_has_samples
avs_spring_cal_has_data
PEN_Sample_Data
pen_id: NUMBER(7) NOT NULL (FK)
pp_top_interval: NUMBER(5,3) NOT NULL
measurement_no: NUMBER(2) NOT NULL
pp_bottom_interval: NUMBER(5,3) NULL
strength_reading: NUMBER(5,1) NOT NULL
comments: VARCHAR2(80) NULL
TOR_Sample_Data
tor_id: NUMBER(7) NOT NULL (FK)
pp_top_interval: NUMBER(5,3) NOT NULL
measurement_no: NUMBER(2) NOT NULL
pp_bottom_interval: NUMBER(5,3) NULL
strength_reading: NUMBER(5,1) NOT NULL
comments: VARCHAR2(80) NULL
AVS_Spring_Calibration_Data
spring_calibration_id: NUMBER(7) NOT NULL (FK)
torque_angle: NUMBER(6,2) NOT NULL
pp_torque: NUMBER(5,2) NOT NULL