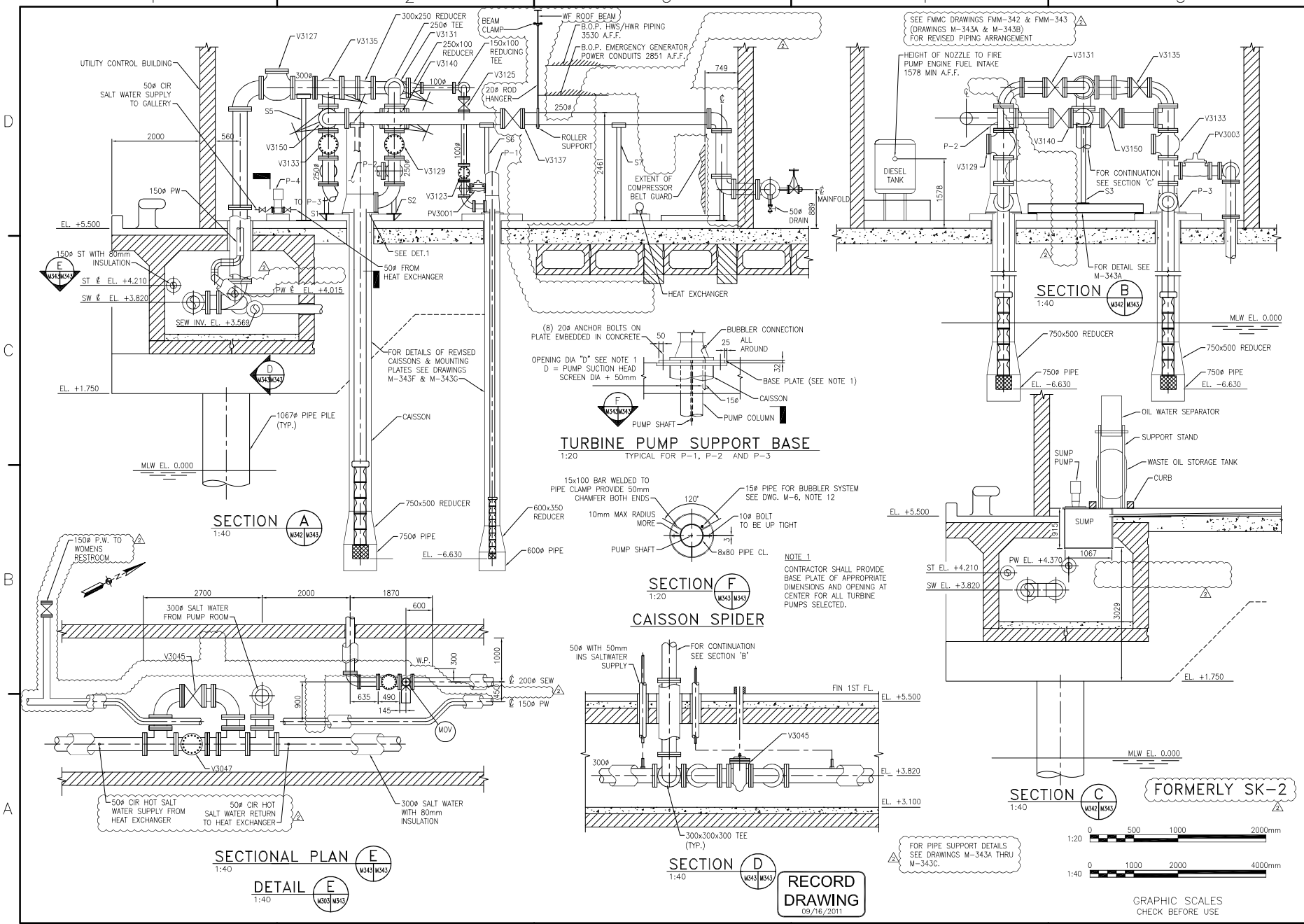

SECTION A
1:40
SECTION B
1:40
SECTION C
1:40
SECTION D
1:40
SECTION E
1:40
SECTION F
1:20
SECTIONAL PLAN E
1:40
DETAIL E
1:40
TURBINE PUMP SUPPORT BASE
1:20 TYPICAL FOR P-1, P-2 AND P-3
CAISSON SPIDER
UTILITY CONTROL BUILDING
SEE FMMC DRAWINGS FMM-342 & FMM-343 (DRAWINGS M-343A & M-343B) FOR REVISED PIPING ARRANGEMENT
HEIGHT OF NOZZLE TO FIRE PUMP ENGINE FUEL INTAKE 1578 MIN A.F.F.
DIESEL TANK
FOR CONTINUATION SEE SECTION 'C'
FOR DETAIL SEE M-343A
FOR CONTINUATION SEE SECTION 'B'
SEE DET.1
FOR DETAILS OF REVISED CAISSONS & MOUNTING PLATES SEE DRAWINGS M-343F & M-343G
HEAT EXCHANGER
EXTENT OF COMPRESSOR BELT GUARD
ROLLER SUPPORT
BEAM CLAMP
WF ROOF BEAM
B.O.P. HWS/HWR PIPING 3530 A.F.F.
B.O.P. EMERGENCY GENERATOR POWER CONDUITS 2851 A.F.F.
MAINFOLD
50ø DRAIN
CAISSON
1067ø PIPE PILE (TYP.)
750x500 REDUCER
750ø PIPE
600x350 REDUCER
600ø PIPE
OIL WATER SEPARATOR
SUPPORT STAND
WASTE OIL STORAGE TANK
SUMP PUMP
CURB
SUMP
PUMP SHAFT
PUMP COLUMN
BASE PLATE (SEE NOTE 1)
BUBBLER CONNECTION
(8) 20ø ANCHOR BOLTS ON PLATE EMBEDDED IN CONCRETE
OPENING DIA "D" SEE NOTE 1
D = PUMP SUCTION HEAD SCREEN DIA + 50mm
15x100 BAR WELDED TO PIPE CLAMP PROVIDE 50mm CHAMFER BOTH ENDS
10mm MAX RADIUS MORE
15ø PIPE FOR BUBBLER SYSTEM SEE DWG. M-6, NOTE 12
10ø BOLT TO BE UP TIGHT
8x80 PIPE CL.
NOTE 1
CONTRACTOR SHALL PROVIDE BASE PLATE OF APPROPRIATE DIMENSIONS AND OPENING AT CENTER FOR ALL TURBINE PUMPS SELECTED.
150ø P.W. TO WOMENS RESTROOM
300ø SALT WATER FROM PUMP ROOM
50ø CIR HOT SALT WATER SUPPLY FROM HEAT EXCHANGER
50ø CIR HOT SALT WATER RETURN TO HEAT EXCHANGER
300ø SALT WATER WITH 80mm INSULATION
50ø WITH 50mm INS SALTWATER SUPPLY
300x300x300 TEE (TYP.)
FIN 1ST FL.
FORMERLY SK-2
FOR PIPE SUPPORT DETAILS SEE DRAWINGS M-343A THRU M-343C.
RECORD DRAWING
09/16/2011
GRAPHIC SCALES
CHECK BEFORE USE
NAVAL FACILITIES ENGINEERING COMMAND
ENGINEERING FIELD ACTIVITY NORTHEAST
COLTS NECK, NJ
NAVAL WEAPONS STATION EARLE
LESTER PENNSYLVANIA
PIER COMPLEX REPLACEMENT
TRESTLE 3A / PIER 3A
UTILITY CONTROL BUILDING PIPING SECTIONS AND DETAILS
HPA HAN-PADRON ASSOCIATES ENGINEERS
SCALE: AS NOTED
SPEC. NO. 04-02-0018
CONSTR. CONTR. NO. N62472-02-C-0018
NAVFAC DRAWING NO. 2220932
SHEET 452 OF 673
M-343