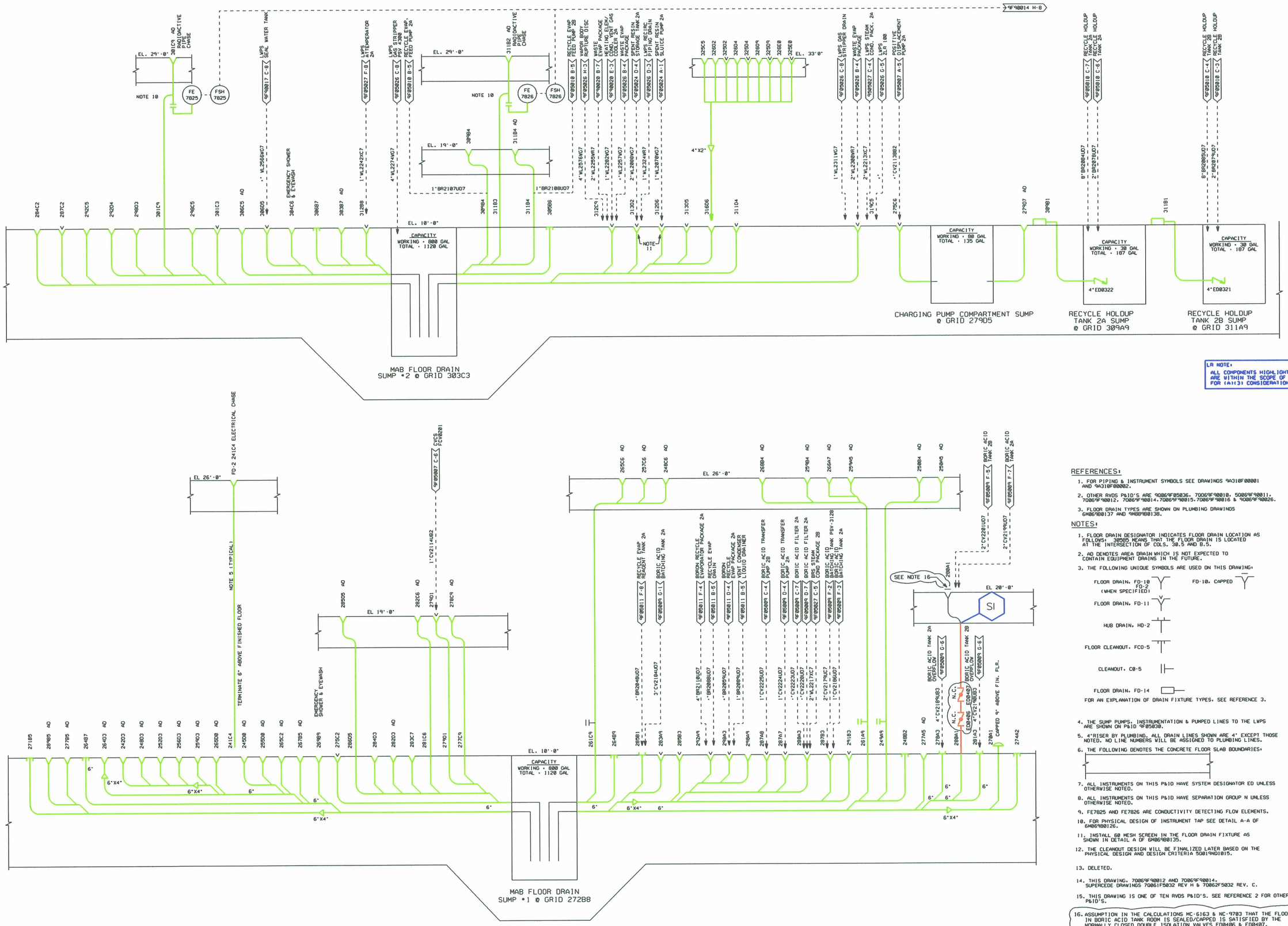


LR NOTE:
ALL COMPONENTS HIGHLIGHTED IN GREEN ARE WITHIN THE SCOPE OF LICENSE RENEWAL FOR (A)(1) CONSIDERATIONS.

REFERENCES:

1. FOR PIPING & INSTRUMENT SYMBOLS SEE DRAWINGS 9A310F00001 AND 9A310F00002.
2. OTHER RVDS P&ID'S ARE 9Q069F05036, 7Q069F90010, 5Q069F90011, 7Q069F90012, 7Q069F90014, 7Q069F90015, 7Q069F90016 & 9Q069F90026.
3. FLOOR DRAIN TYPES ARE SHOWN ON PLUMBING DRAWINGS 6M069B0137 AND 9M089B0138.

NOTES:

1. FLOOR DRAIN DESIGNATOR INDICATES FLOOR DRAIN LOCATION AS FOLLOWS: 30B05 MEANS THAT THE FLOOR DRAIN IS LOCATED AT THE INTERSECTION OF COLS. 30.5 AND B.5.
2. AD DENOTES AREA DRAIN WHICH IS NOT EXPECTED TO CONTAIN EQUIPMENT DRAINS IN THE FUTURE.
3. THE FOLLOWING UNIQUE SYMBOLS ARE USED ON THIS DRAWING:

FLOOR DRAIN, FD-10 (WHEN SPECIFIED) FD-2 — FD-10, CAPPED

FLOOR DRAIN, FD-11

HUB DRAIN, HD-2

FLOOR CLEANOUT, FCO-5

CLEANOUT, CO-5

FLOOR DRAIN, FD-14

FOR AN EXPLANATION OF DRAIN FIXTURE TYPES, SEE REFERENCE 3.

4. THE SUMP PUMPS, INSTRUMENTATION & PUMPED LINES TO THE LWPS ARE SHOWN ON P&ID 9F05030.
5. 4"RISER BY PLUMBING, ALL DRAIN LINES SHOWN ARE 4" EXCEPT THOSE NOTED. NO LINE NUMBERS WILL BE ASSIGNED TO PLUMBING LINES.
6. THE FOLLOWING DENOTES THE CONCRETE FLOOR SLAB BOUNDARIES:
7. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR ED UNLESS OTHERWISE NOTED.
8. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP N UNLESS OTHERWISE NOTED.
9. FE7825 AND FE7826 ARE CONDUCTIVITY DETECTING FLOW ELEMENTS.
10. FOR PHYSICAL DESIGN OF INSTRUMENT TAP SEE DETAIL A-A OF 6M069B0126.
11. INSTALL 60 MESH SCREEN IN THE FLOOR DRAIN FIXTURE AS SHOWN IN DETAIL A OF 6M069B0135.
12. THE CLEANOUT DESIGN WILL BE FINALIZED LATER BASED ON THE PHYSICAL DESIGN AND DESIGN CRITERIA 5Q019ND1015.
13. DELETED.
14. THIS DRAWING, 7Q069F90012 AND 7Q069F90014, SUPERCEDE DRAWINGS 7Q061F5032 REV H & 7Q062F5032 REV. C.
15. THIS DRAWING IS ONE OF TEN RVDS P&ID'S. SEE REFERENCE 2 FOR OTHER P&ID'S.
16. ASSUMPTION IN THE CALCULATIONS MC-6163 & NC-9703 THAT THE FLOOR DRAIN IN BORIC ACID TANK ROOM IS SEALED/CAPPED IS SATISFIED BY THE NORMALLY CLOSED DOUBLE ISOLATION VALVES ED0406 & ED0407. CURRENTLY INSTALLED DRAIN COVER SHOULD BE LEFT IN PLACE.

D102

| LR BOUNDARY DRAWING NO. | REV. |
|---|---|
| LR-STP-ED-7Q069F90013#2 | 0A |

| NO. | ISSUE DATE | REVISION | ORIG | CKR | RE | DV | SE |
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| 6 | | INCORP. DCN 9902682. | VJM | | | | |
| 0-5 | 10-26-83 | ISSUED FOR CONSTRUCTION. | SIGNATURES ON FILE | | | | |

ESEED. DCN

| NO. | ISSUE DATE | REVISION | ORIG | CKR | RE | DV | SE |
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SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY

PIPING & INSTRUMENTATION DIAGRAM
RADIOACTIVE VENT AND DRAIN SYSTEM
DRAINS TO MAB SUMPS #1, #2, CHARGING PUMP COMPARTMENT SUMP & RECYCLE HOLDUP TANK SUMPS

| PRIORITY | CADD FILE NO. | FSUG. NO. | STI. NO. | SCALE | DWG. NO. | SHT. | REV. |
|---|---|---|---|---|---|---|---|
| 1 | FJA575.061 | D070928 | | NONE | 7Q069F90013#2 | | 6 |