

John Richmond

From: John Richmond, *RI*
Sent: Tuesday, October 21, 2008 1:30 PM
To: Jeffrey Kulp; Stephen Pindale
Cc: Ronald Bellamy; Scott Barber; Marc Ferdas; Michael Modes; Timothy OHara; Richard Conte
Subject: Drawing attached for RE: OC Outage Inspection Plan
Attachments: OC View from inside Drywell.jpg; OC Drywell Elevation & Regions.bmp; OC Drywell Key Plan.jpg; OC Drywell Liner Thicknesses.jpg; OC Drywell Support Structure.jpg; OC Drywell Trench, Bay-5.jpg; OC Drywell Trench, Bay-17.jpg; OC Drywell X-section.jpg; OC Rx Cavity Detail.jpg; OC Rx Cavity Trough Drain Detail.jpg; OC Sandbed Detail-1.jpg; OC Sandbed Detail-2.jpg; OC Sandbed, Trench, & Sump.jpg

All of the attached drawings came from Public Records (ACRS & ASLB presentations). These drawings may be helpful when discussing various drywell issues.

From: John Richmond
Sent: Monday, September 29, 2008 2:04 PM
To: Marc Ferdas; Jeffrey Kulp
Cc: Stephen Pindale; Ronald Bellamy; Scott Barber
Subject: OC Outage Inspection Plan

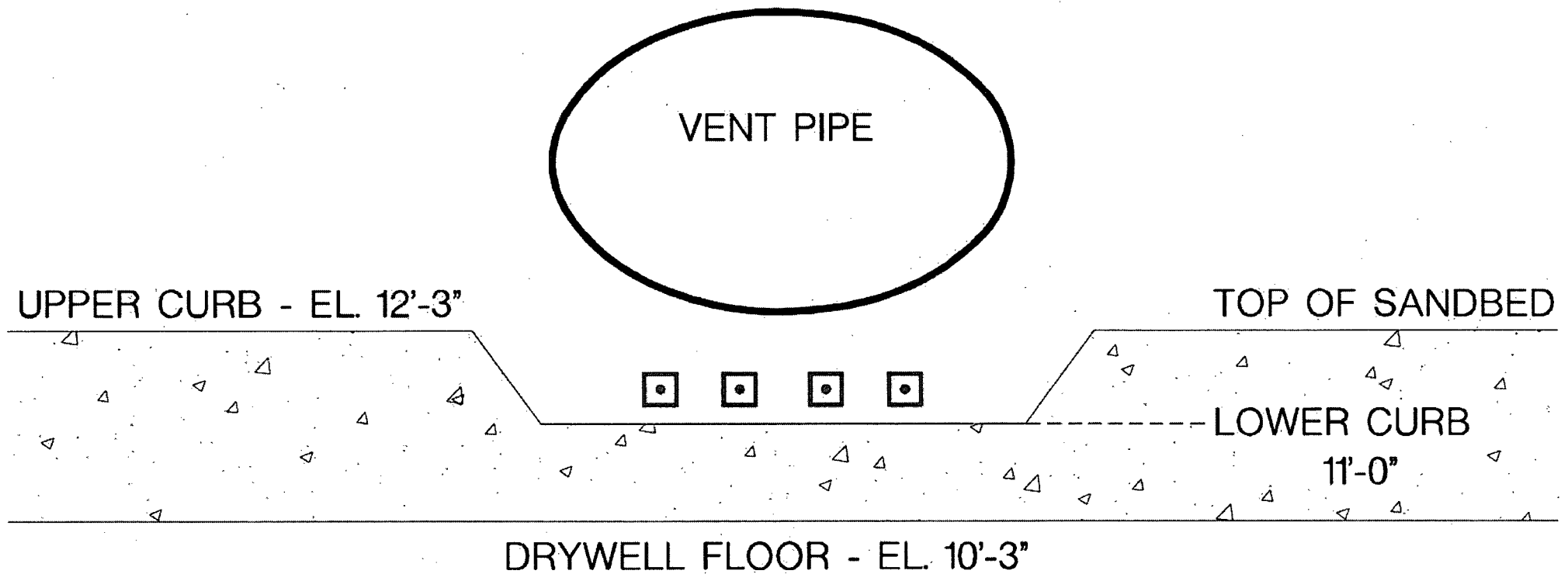
Marc/Jeff, can you include the following License Renewal items in the Resident Outage Inspection Plan?

1. As soon as reasonably achievable after the Drywell is opened, verify condition of both D/W Trenches (dry, wet, water stains, etc.). Pictures are optional, but always nice.
2. Within about 1-shift after the cavity is flooded up, verify the reactor cavity trough drain leakage rate (we do expect some leakage). After the initial check, continue to check it, about once per day, for a day or two, to see if the leakage rate changes. During 1R21 (2006), the continuous leakage was identified at about 1 gpm, while the cavity was flooded.
3. Within about 1-shift after the cavity is flooded up, verify the 5 D/W sandbed drains, drain collection bottles. No water or leakage is expected.
4. AmerGen is to apply a strippable coating, as a sealant, in the reactor cavity prior to flood up, to limit cavity seal leakage that could end up in the sandbed area. While you are welcome to observe or inspect this item, my team will verify this item, by a records review, after we arrive on-site.
5. During this outage, AmerGen is suppose to replace some ESW pipe. I understand the pipe has already been laid/installed, and is waiting to be "tied-in" during the outage. Did the Residents observe any portion of the new ESW pipe installation?

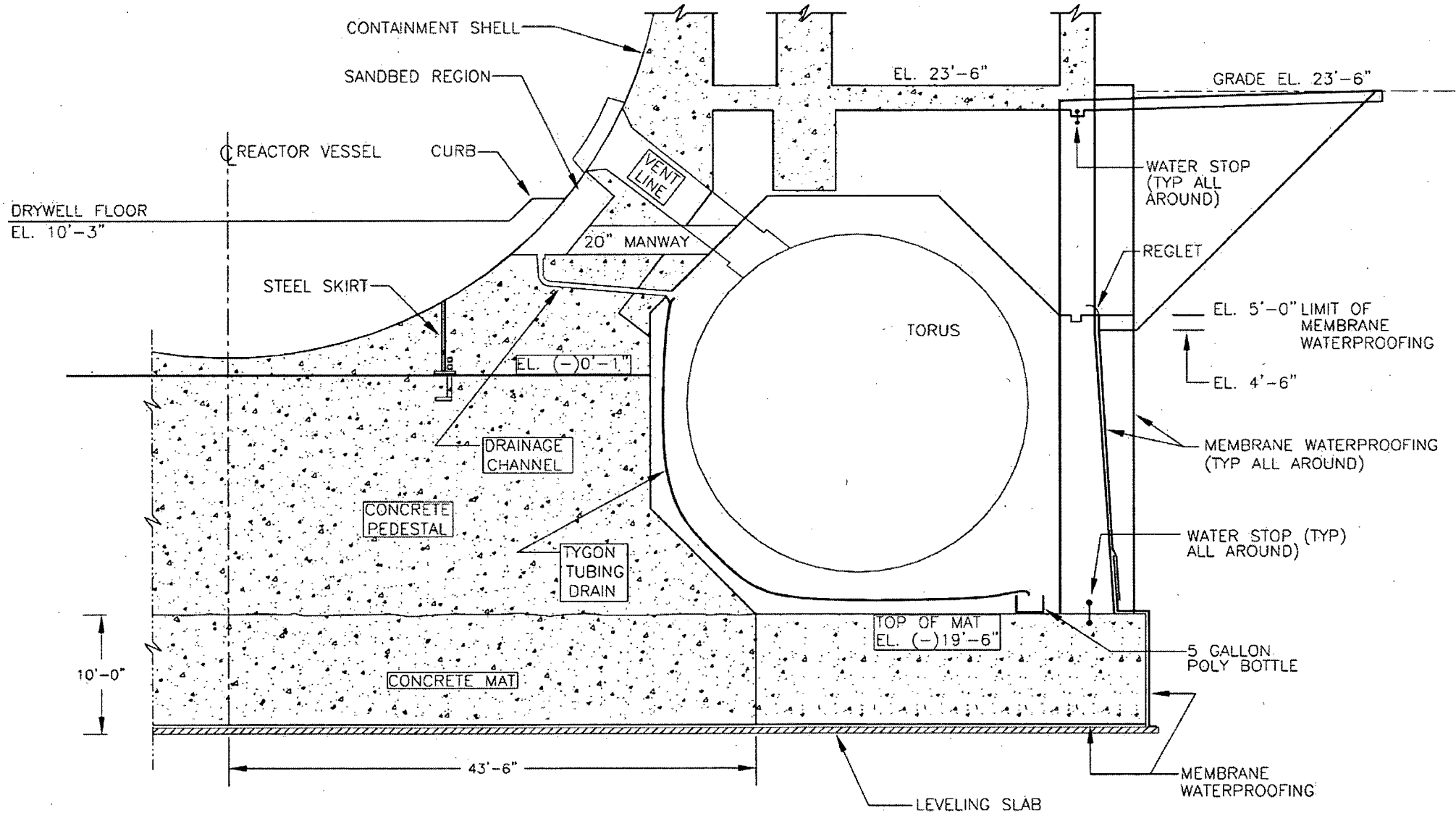
Thanks
John Richmond

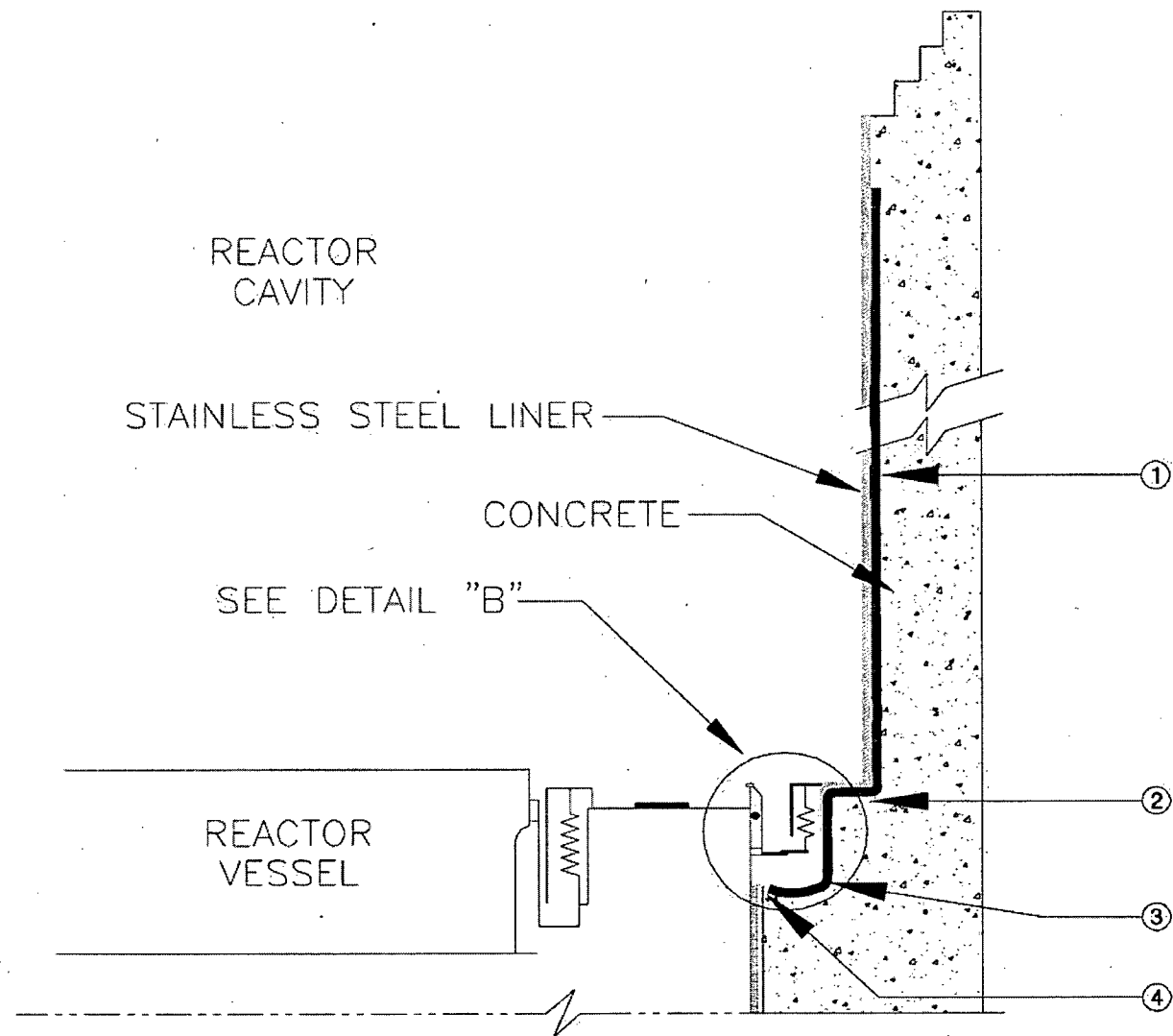
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([148.184.99.10]) with mapi; Tue, 21 Oct 2008 13:29:47 -0400
Content-Type: application/ms-tnef; name="winmail.dat"
Content-Transfer-Encoding: binary
From: John Richmond <John.Richmond@nrc.gov>
To: Jeffrey Kulp <Jeffrey.Kulp@nrc.gov>, Stephen Pindale
<Stephen.Pindale@nrc.gov>
CC: Ronald Bellamy <Ronald.Bellamy@nrc.gov>, Scott Barber
<Scott.Barber@nrc.gov>, Marc Ferdas <Marc.Ferdas@nrc.gov>, Michael Modes
<Michael.Modes@nrc.gov>, Timothy OHara <Timothy.OHara@nrc.gov>, Richard Conte
<Richard.Conte@nrc.gov>
Date: Tue, 21 Oct 2008 13:29:44 -0400
Subject: Drawing attached for RE: OC Outage Inspection Plan
Thread-Topic: Drawing attached for RE: OC Outage Inspection Plan
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VIEW FROM INSIDE DRYWELL



REACTOR BUILDING, DRYWELL SUPPORT STRUCTURE





DRYWELL AND REACTOR CAVITY SECTION
DETAIL "A"

Elevation 107'-9"

Elevation 94'-9"

Elevation 71'-10"

Elevation 65'-4"

Elevation 50'-11"

Elevation 37'-3"

Elevation 27'-6"

Elevation 23'-6"

Elevations

8'-11.25"

6'-10.25"

2'-3"

Head

Cylinder

0° Azimuth

90° Azimuth

270° Azimuth

Knuckle

Upper Sphere

Middle Sphere

Personnel Lock
& Equipment Hatch

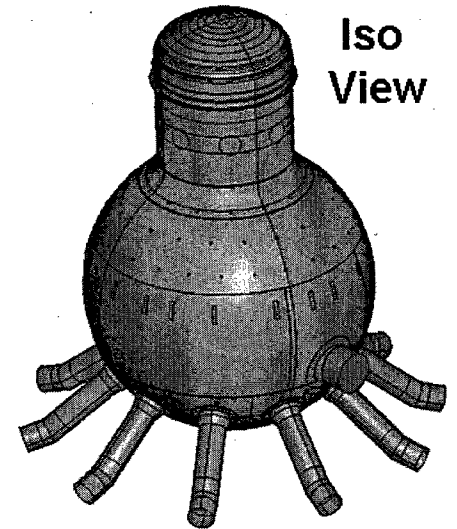
Lower Sphere

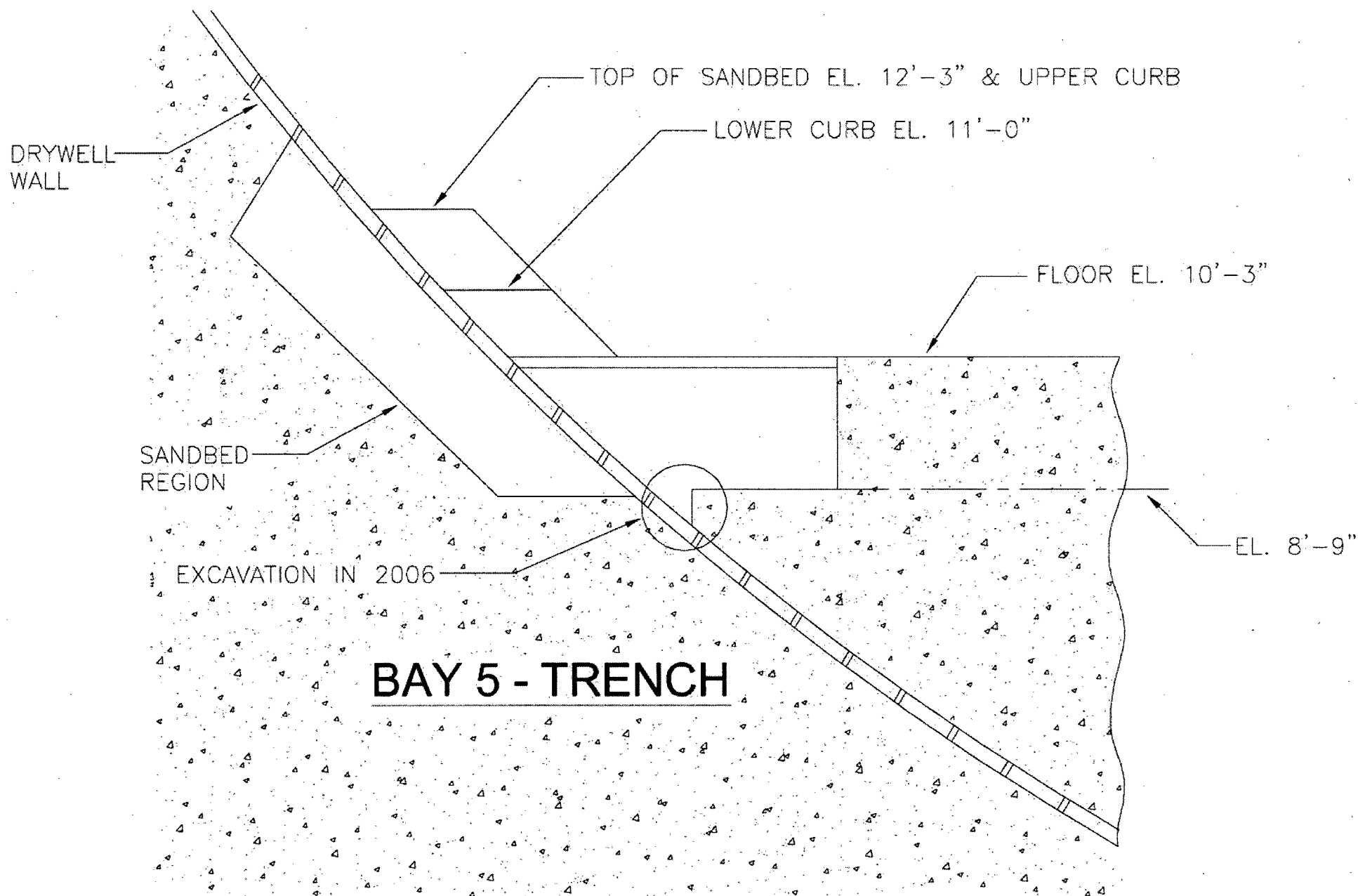
Ventlines
(10 at 36°)

Ventlines End at
Ventline Header

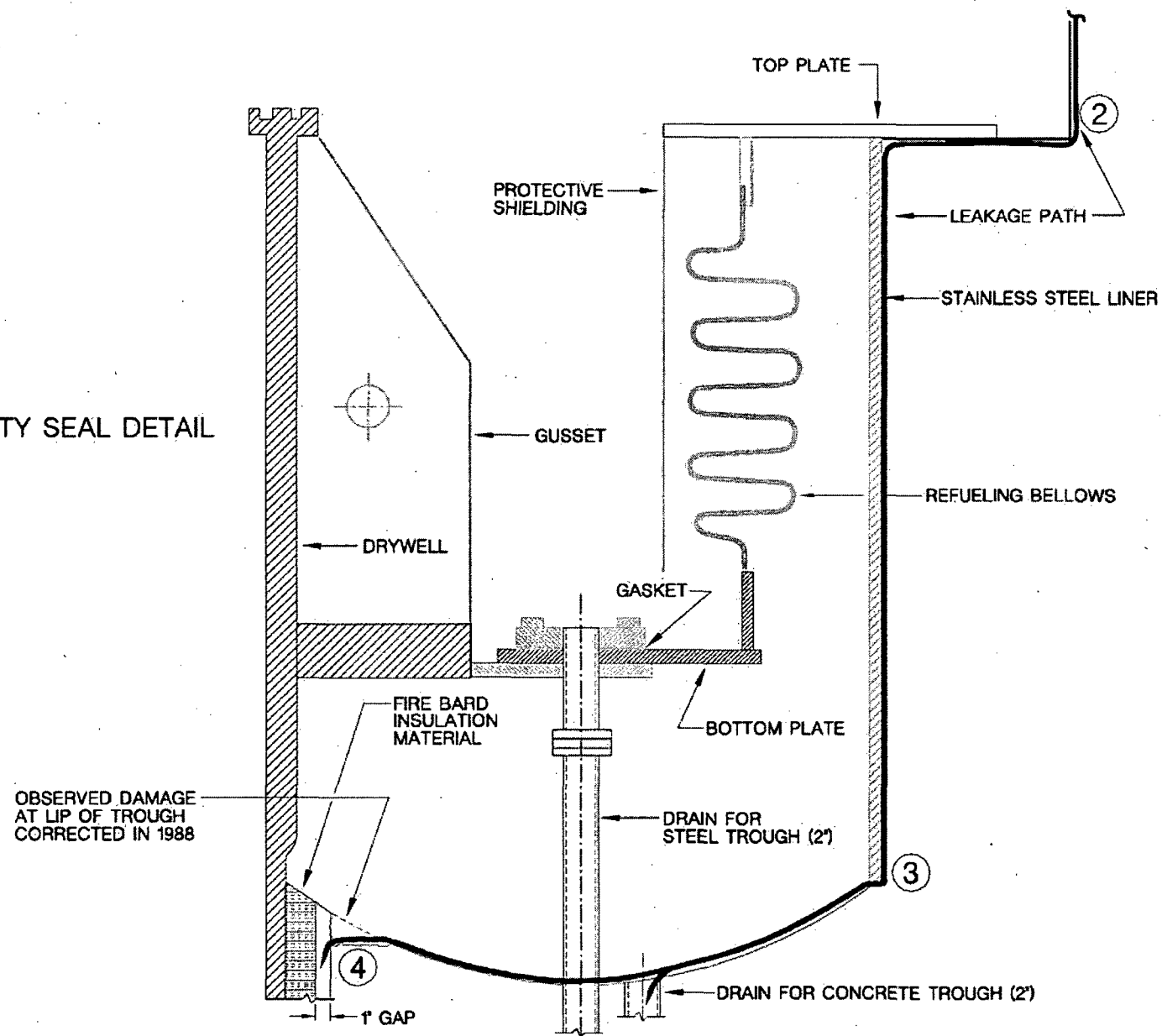
Sandbed Region Bottom Sphere

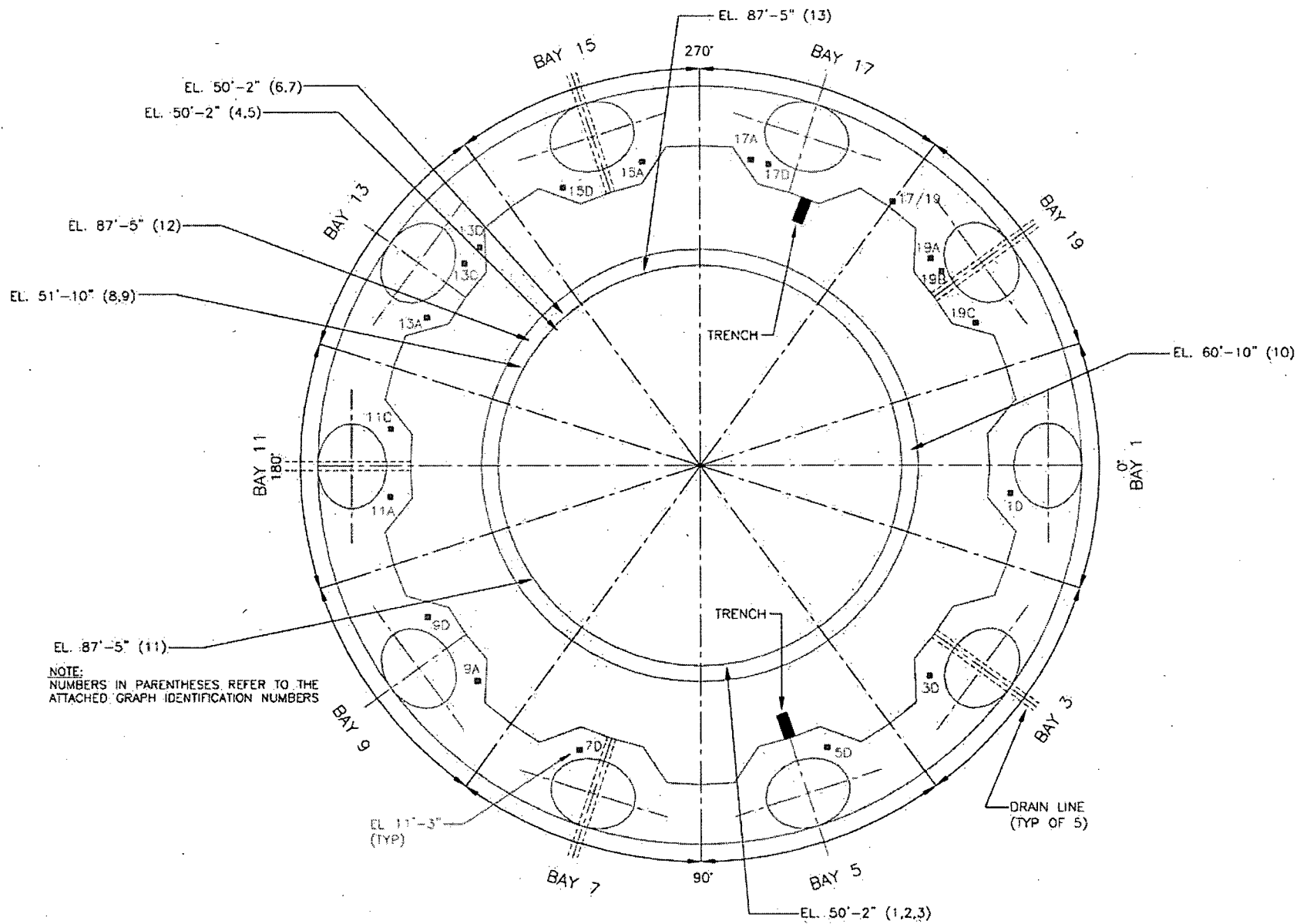
Iso
View



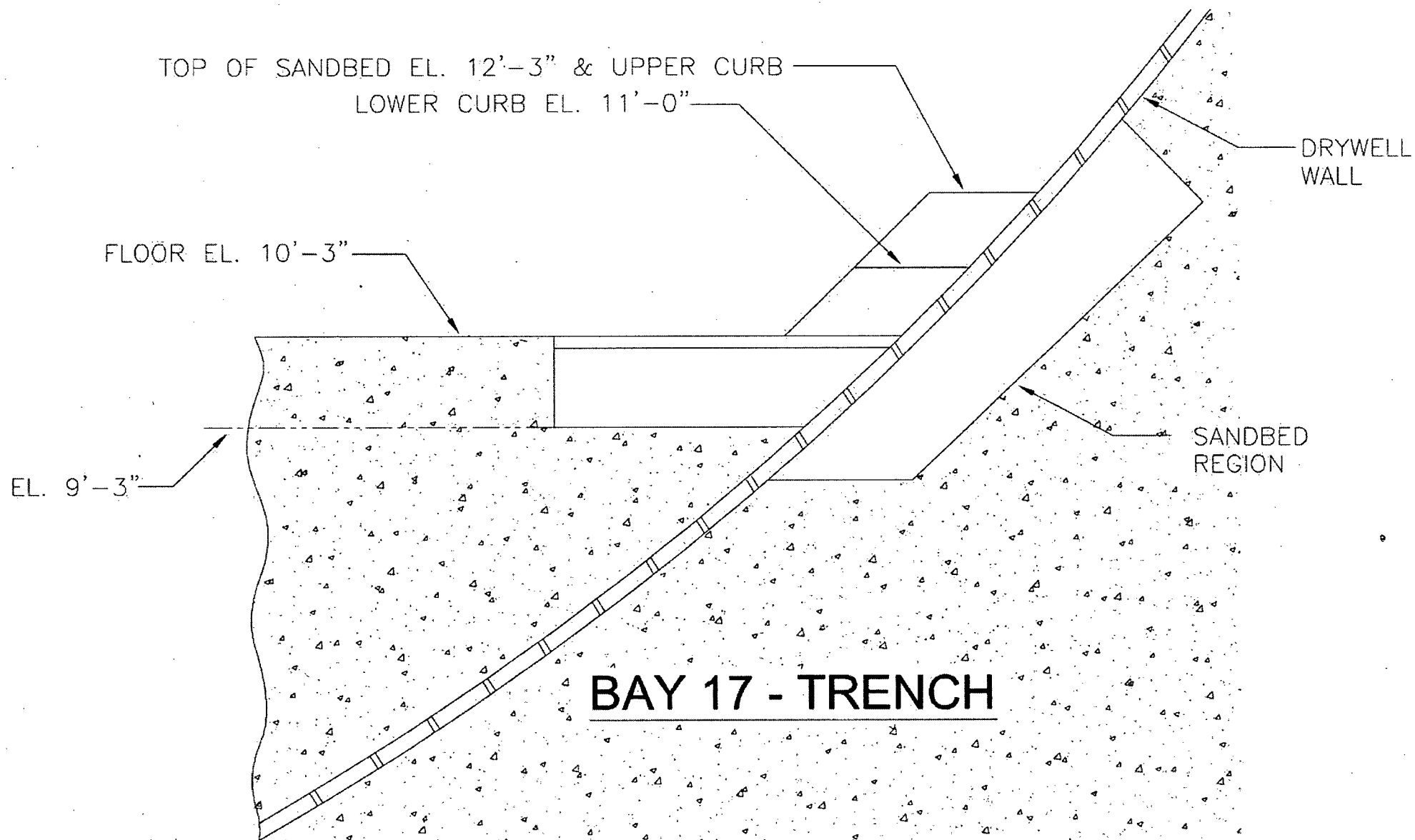


DRYWELL TO REACTOR CAVITY SEAL DETAIL DETAIL "B"

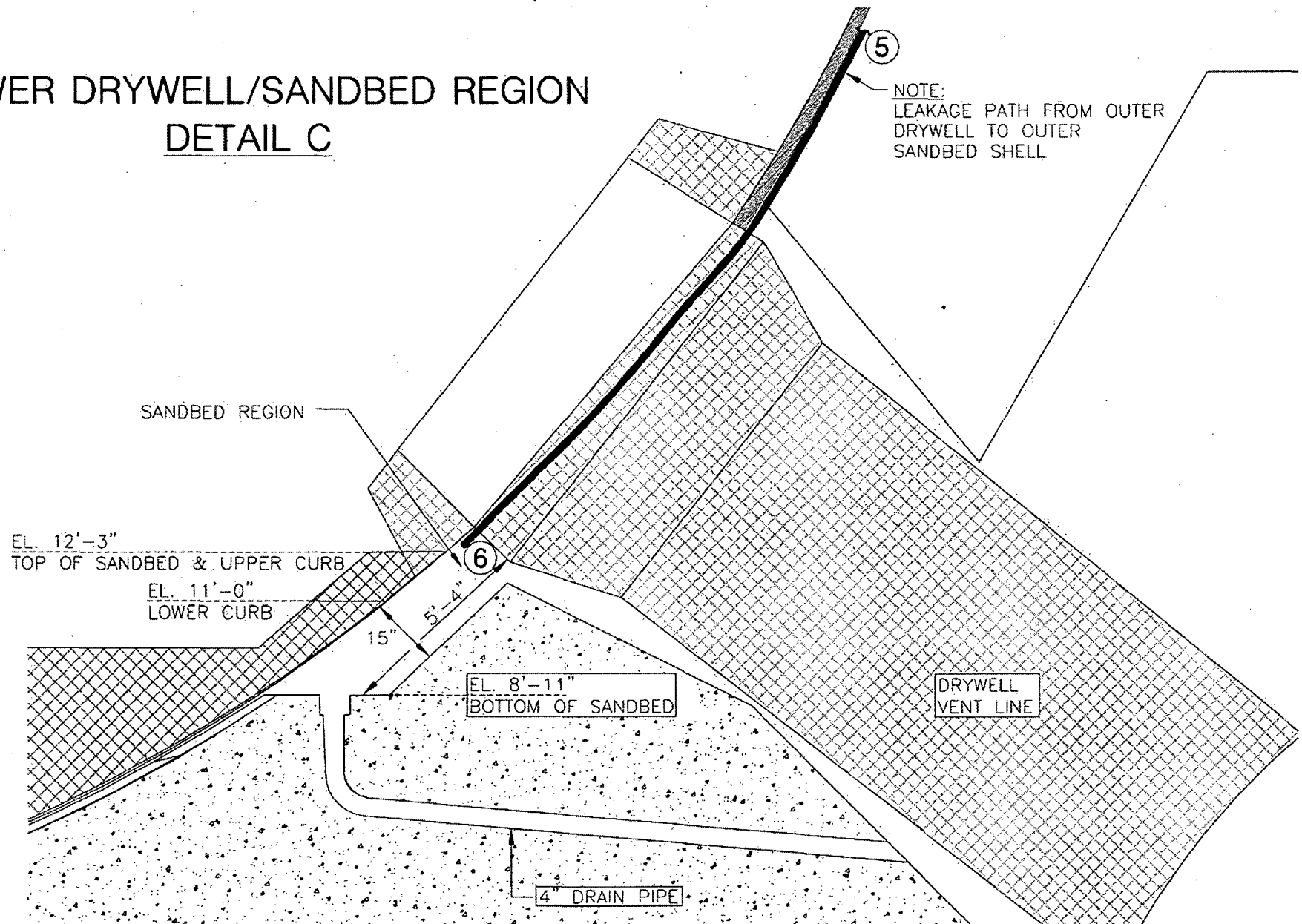




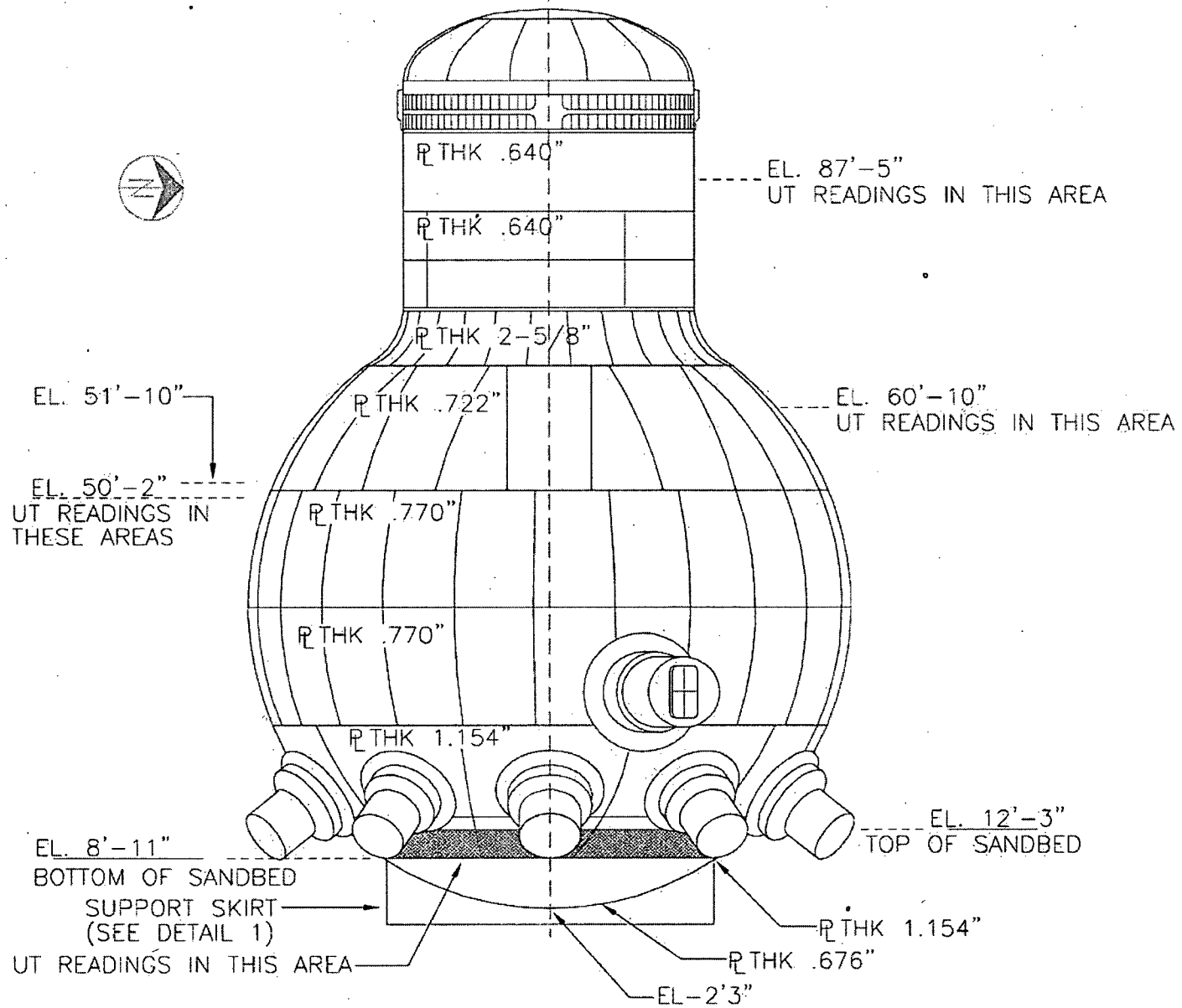
KEY PLAN

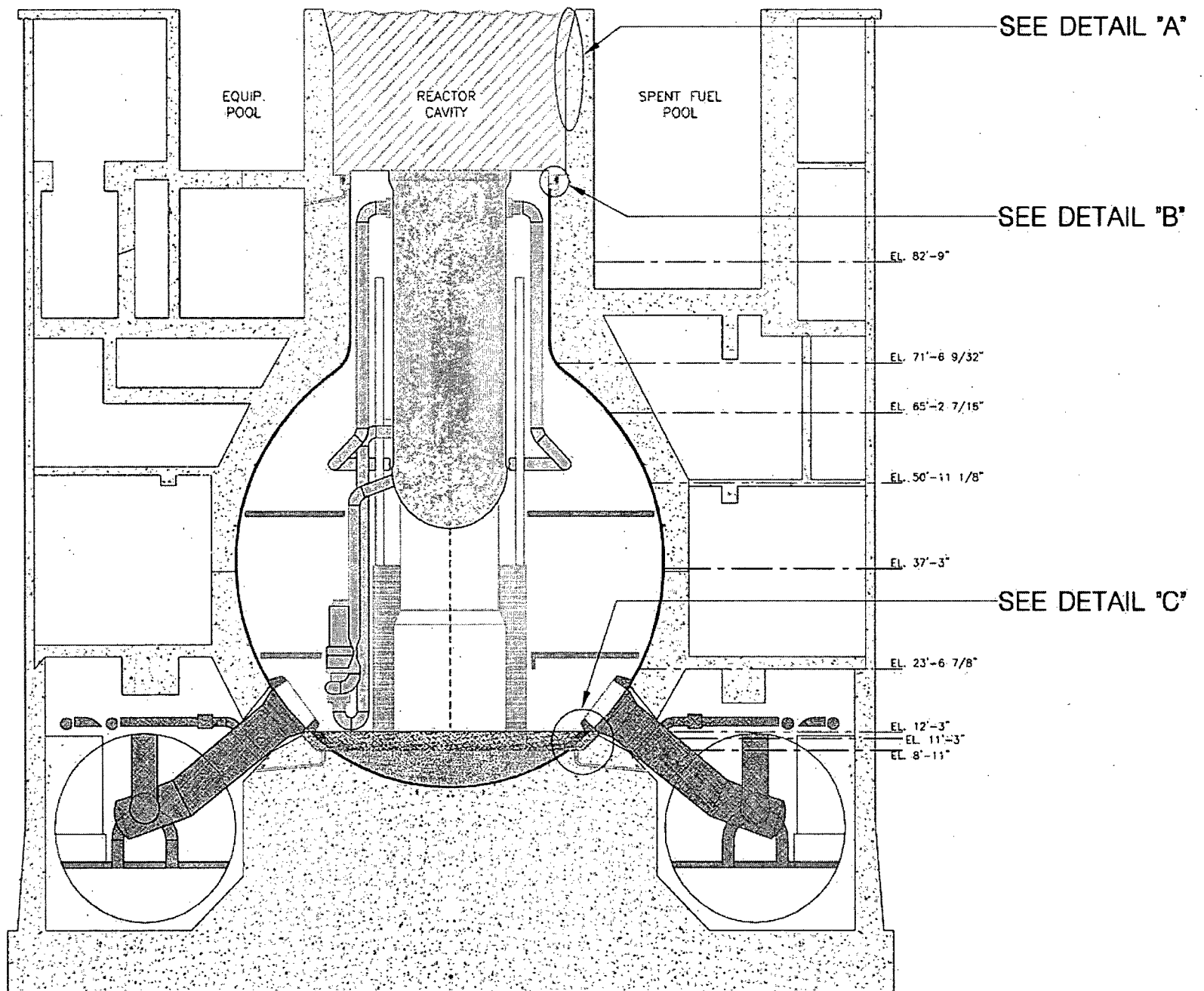


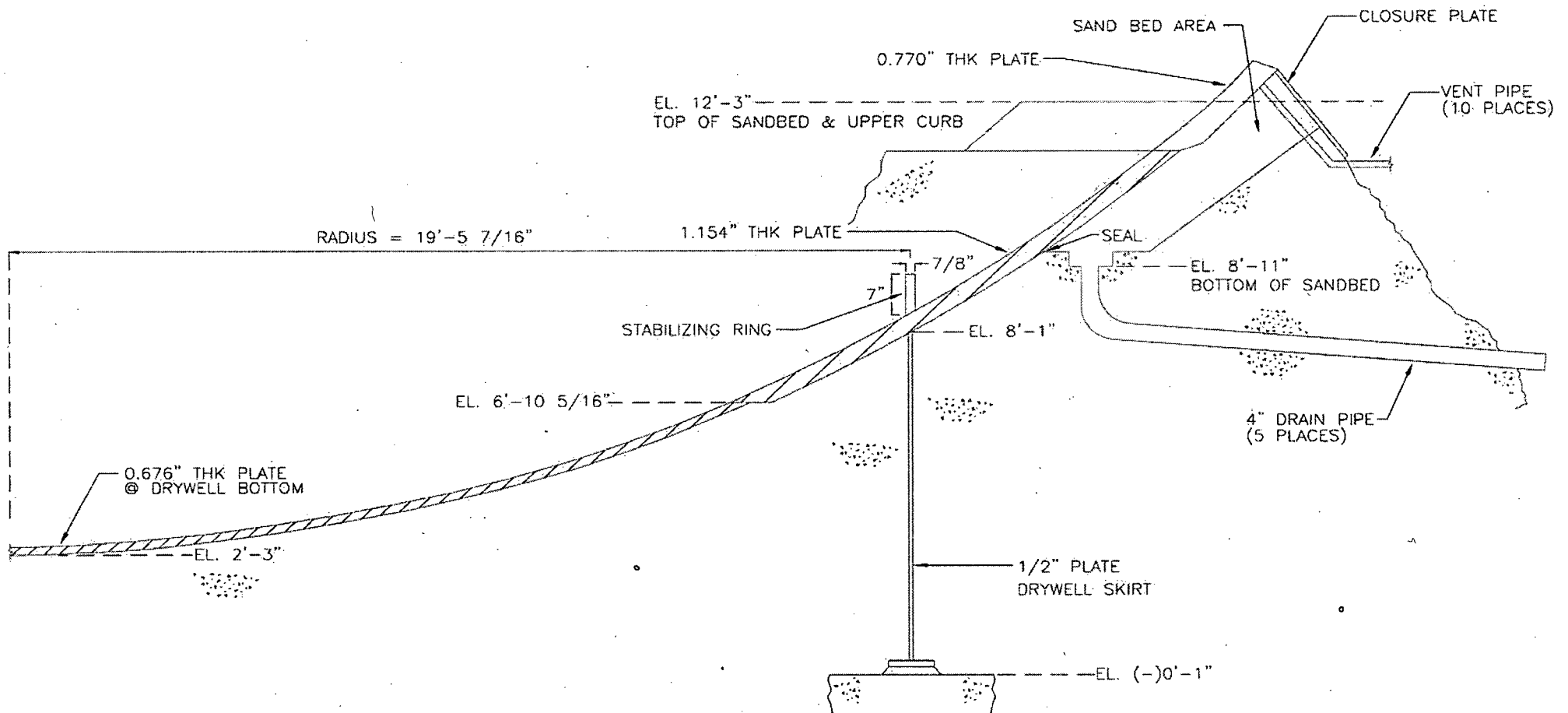
LOWER DRYWELL/SANDBED REGION DETAIL C



DRYWELL

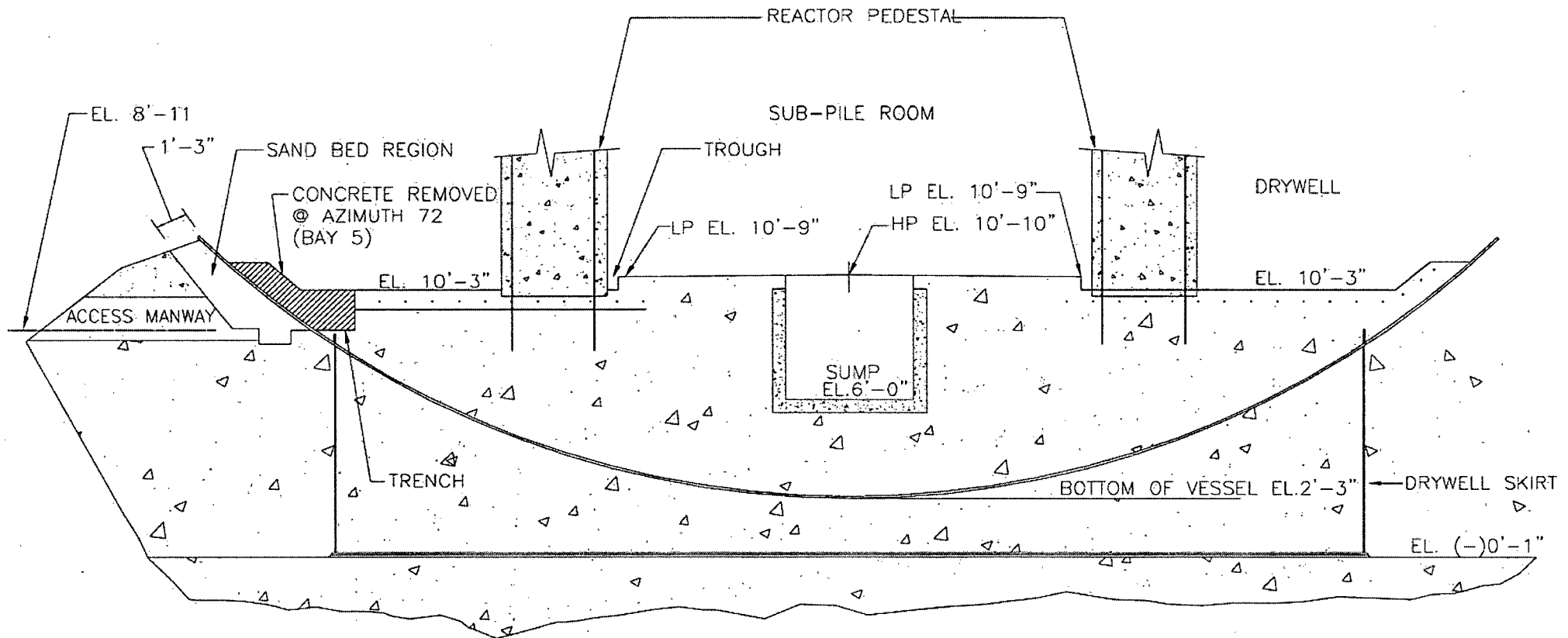






SECTIONAL VIEW OF SAND BED AREA
AT VENT PIPE

LOWER DRYWELL- SANDBED, TRENCH & SUMP



ELEVATION LOOKING WEST