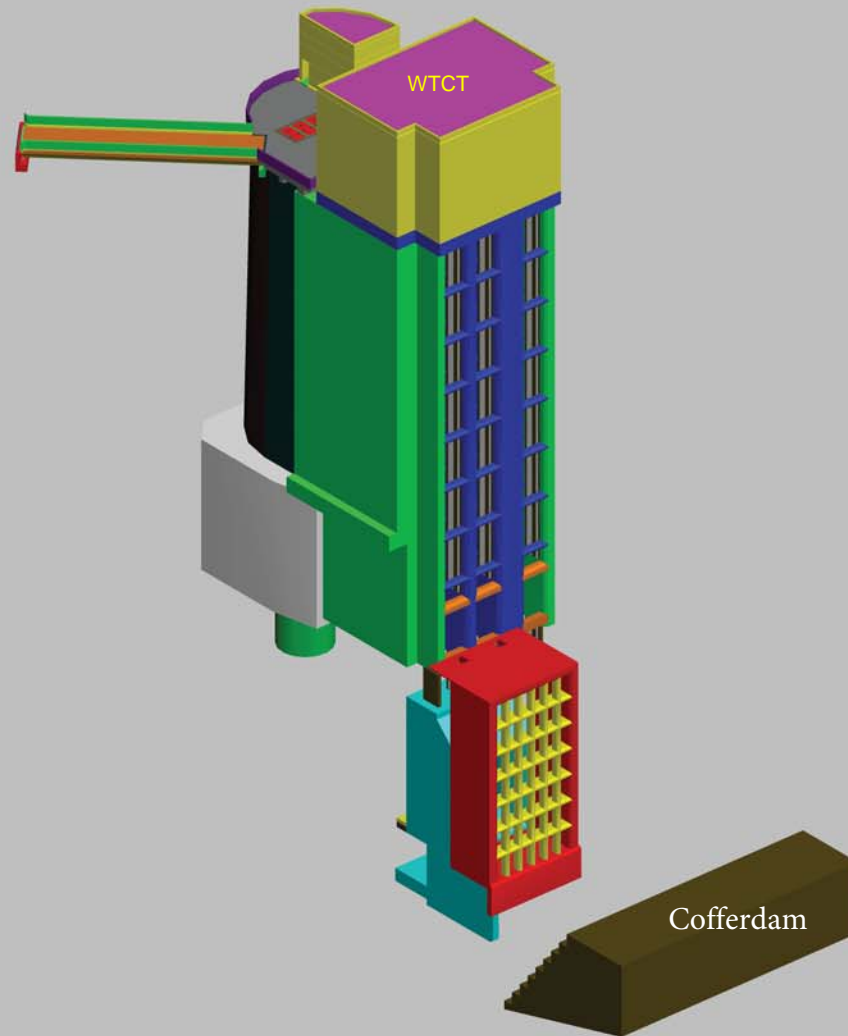
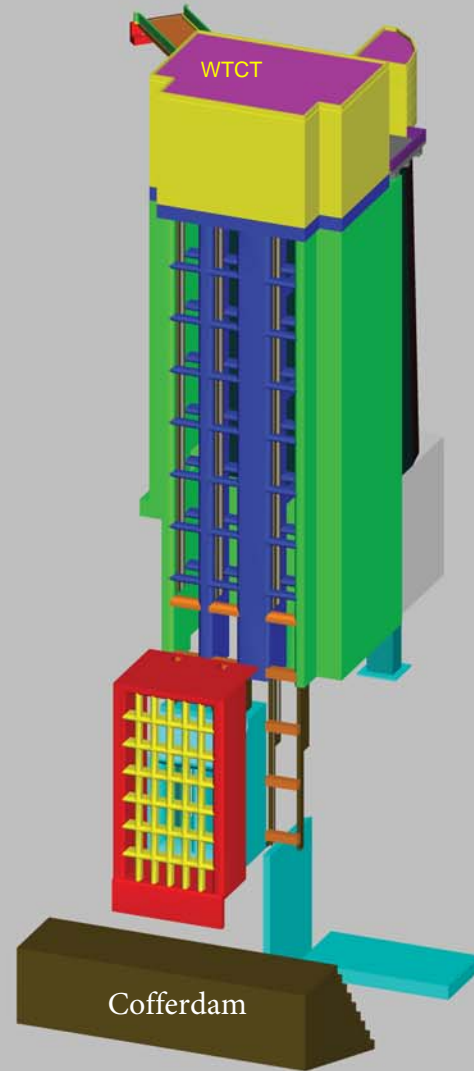
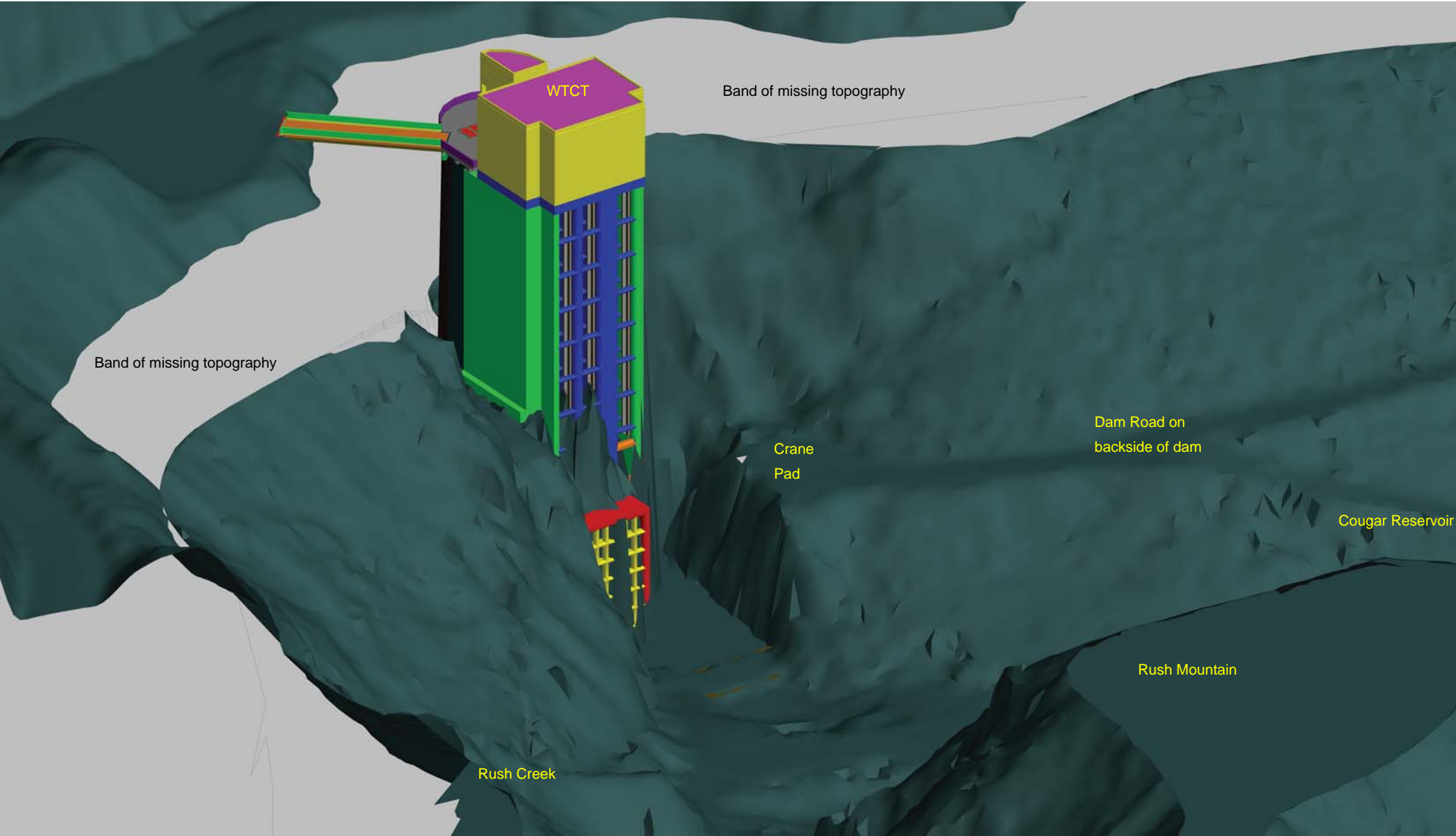


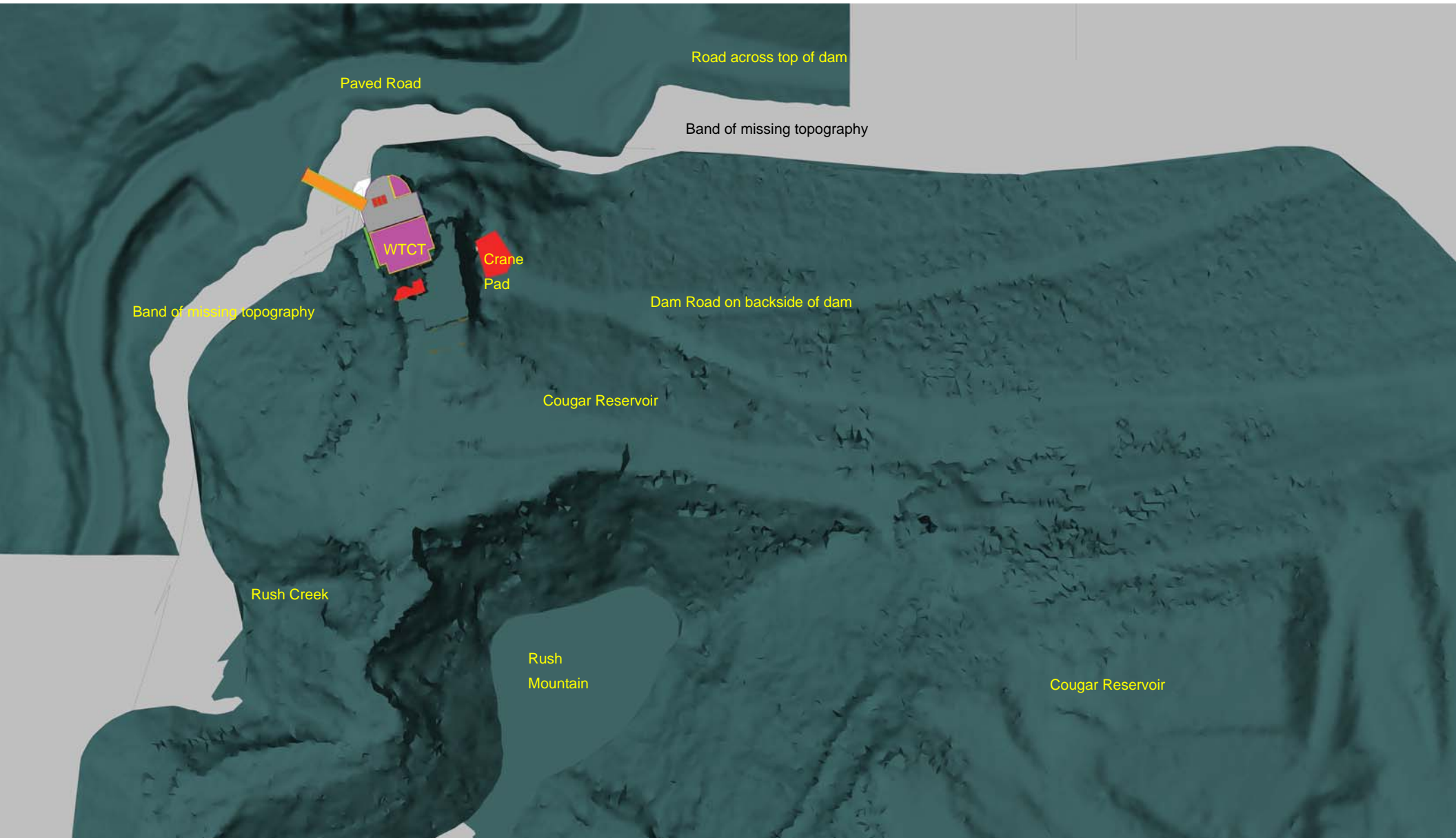
Water Temperature Control Tower (WTCT)  
looking in a northeast direction.



WTCT looking in a northwest direction.

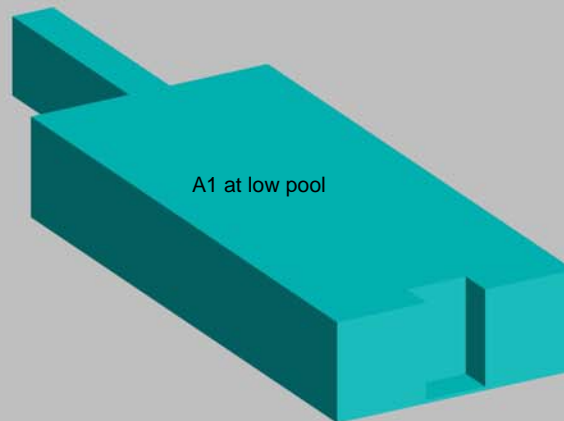
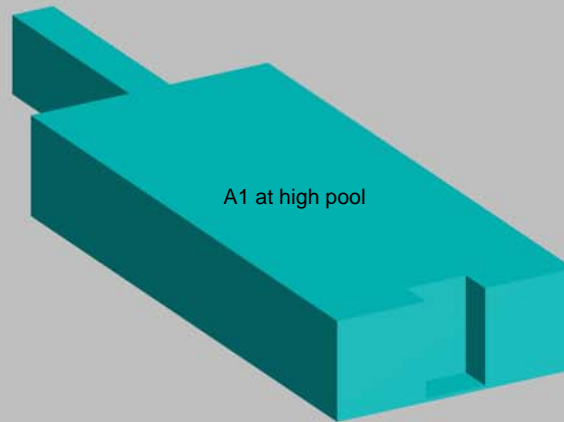




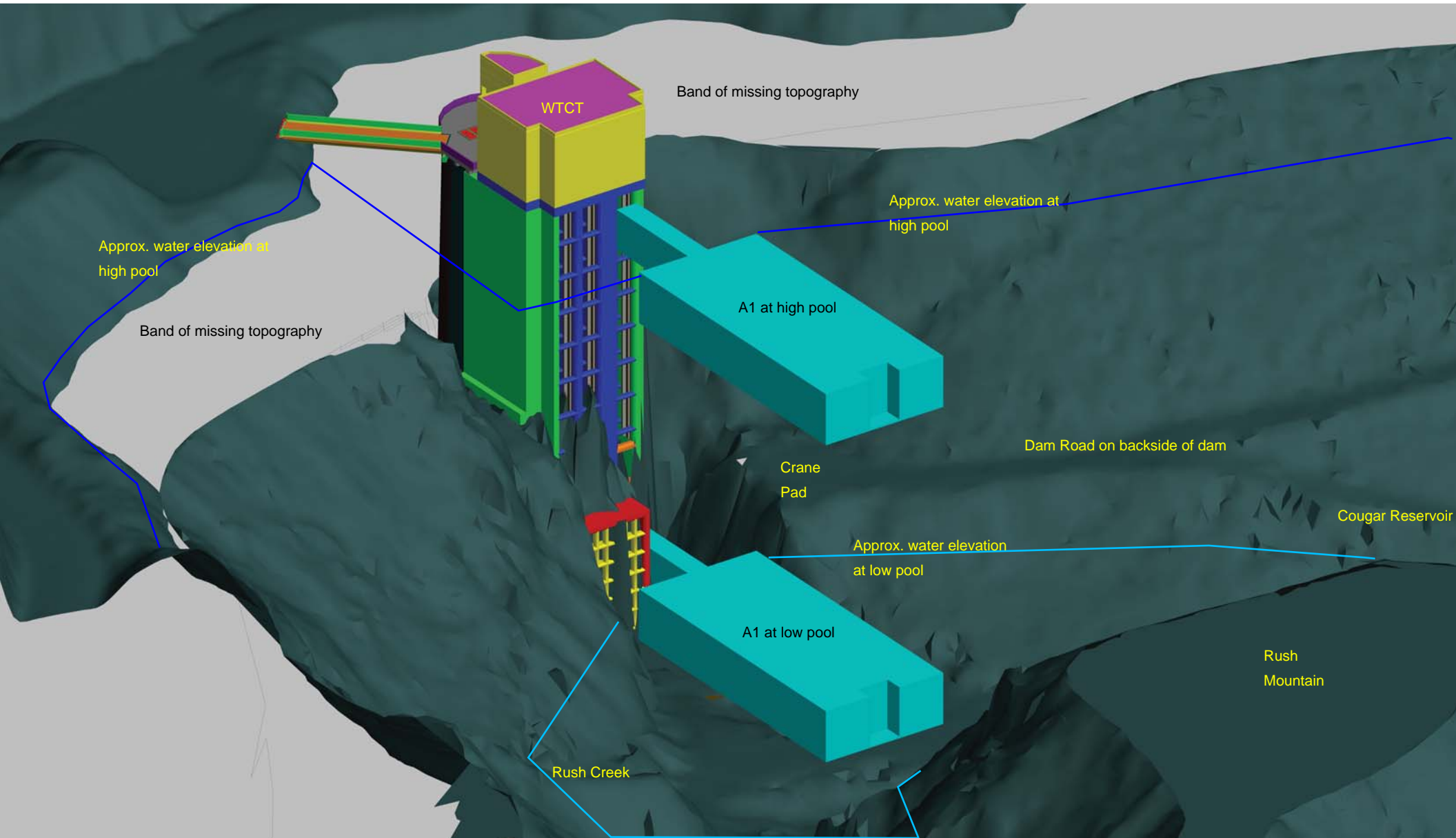


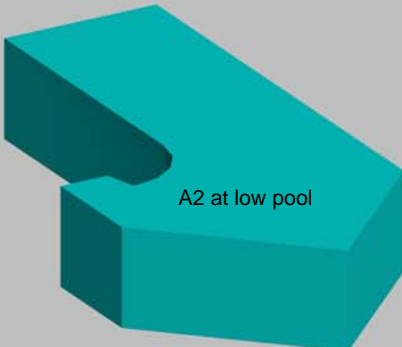
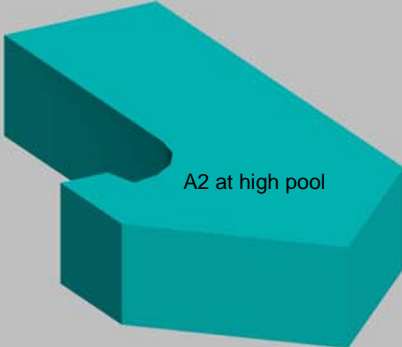
## Configuration A1 - Single Entrance Inline Floating Screen Structure (FSS)

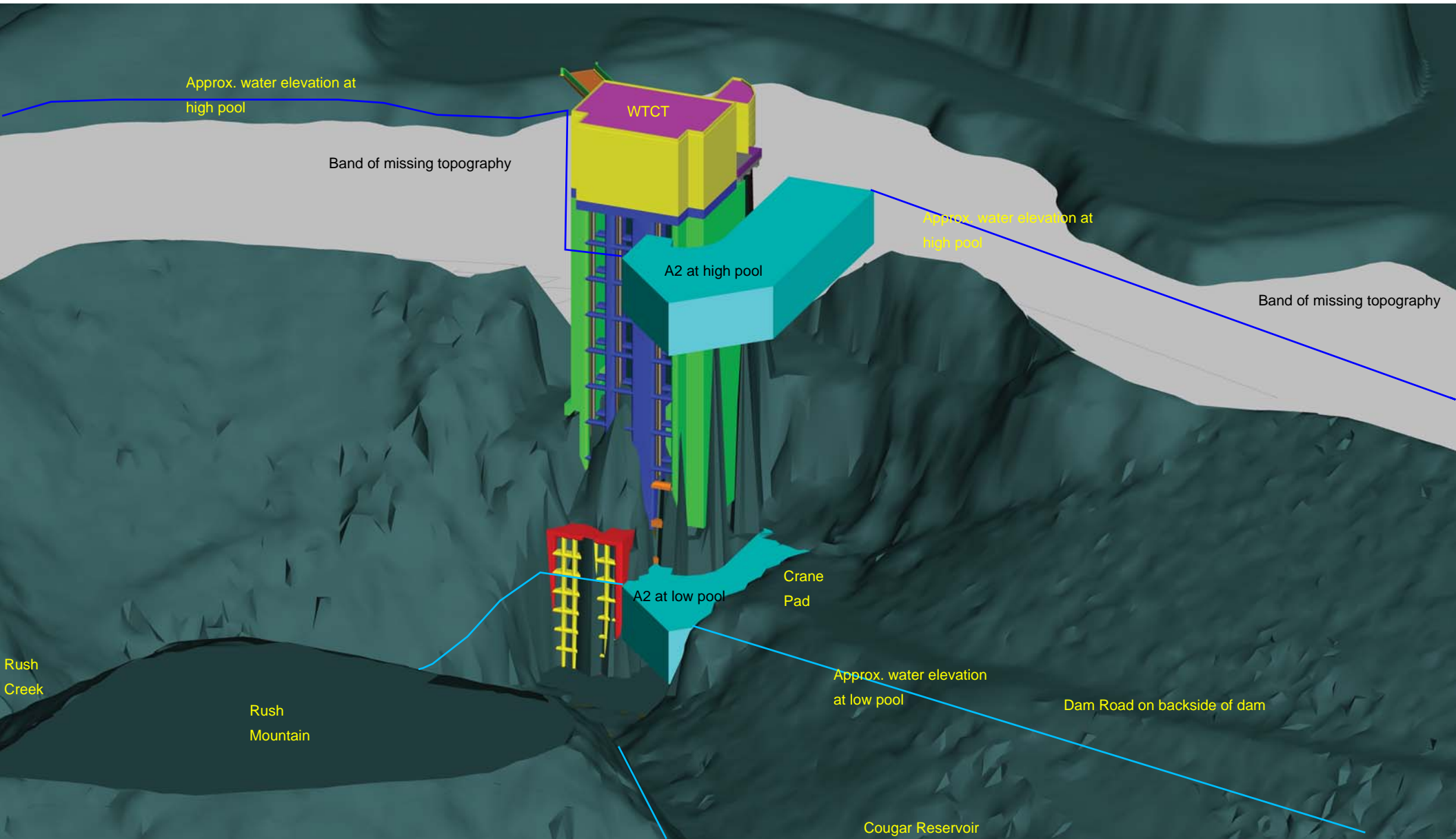
- 160 feet long by 70 feet wide
- Flume may add up to 60 feet for a total length of 220 feet out from WTCT



Configuration A1 at high and low pool



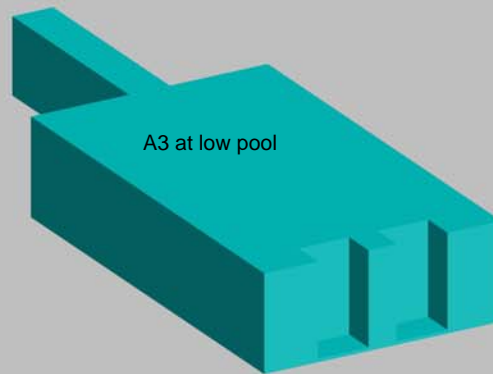
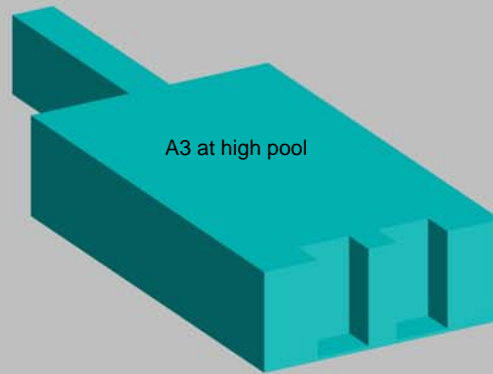




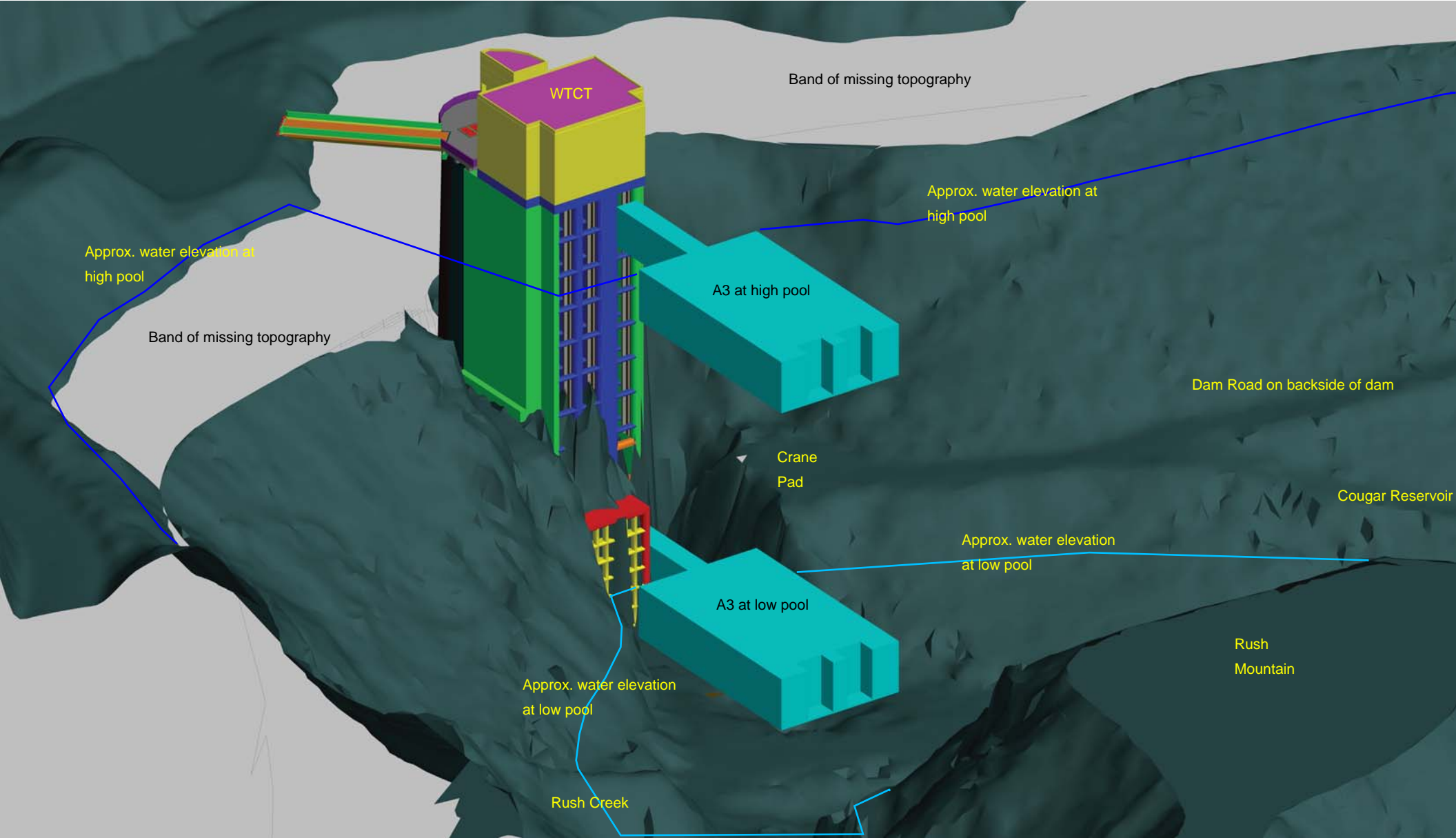


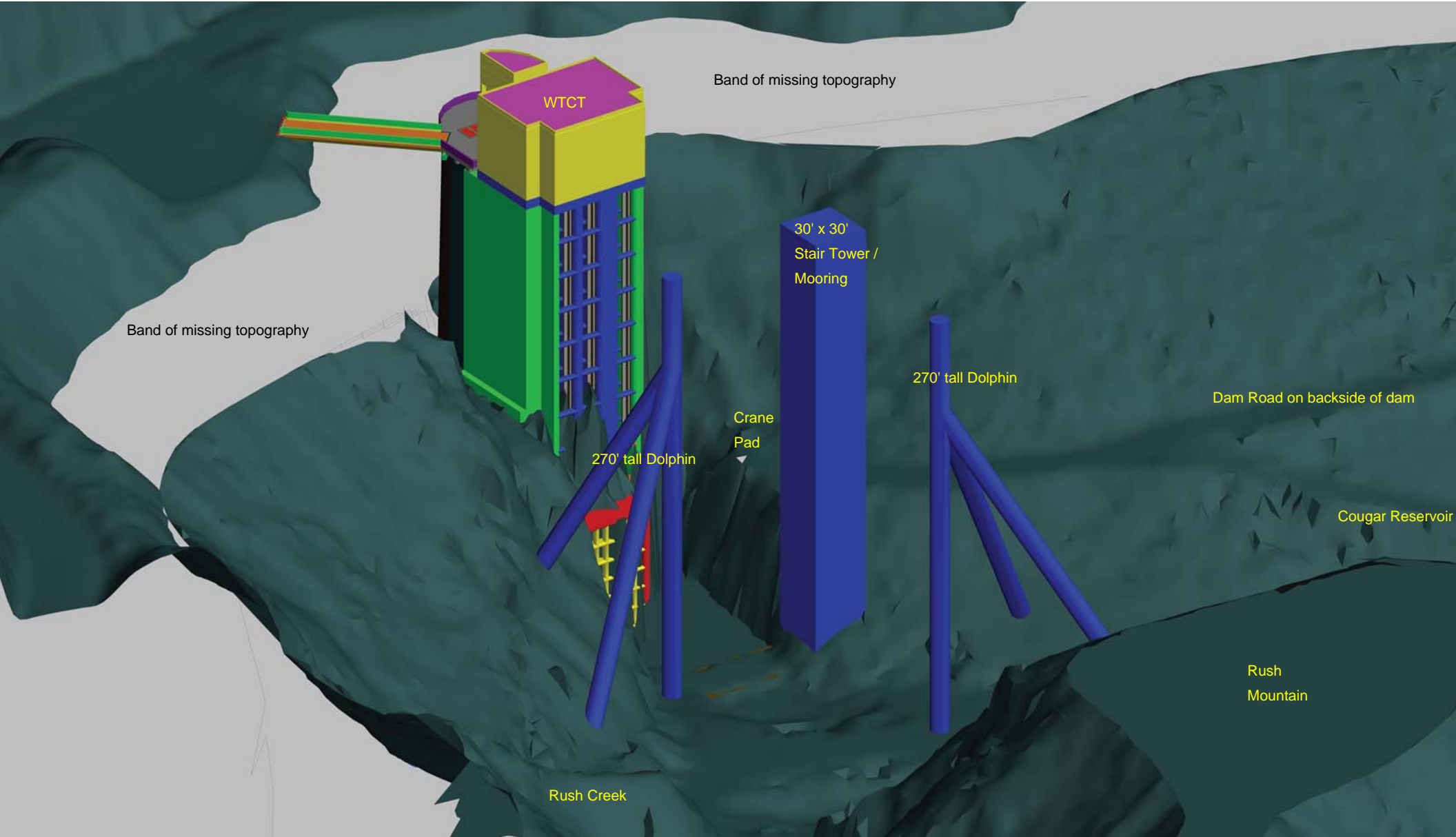
## Configuration A3 - Dual Entrance Inline FSS

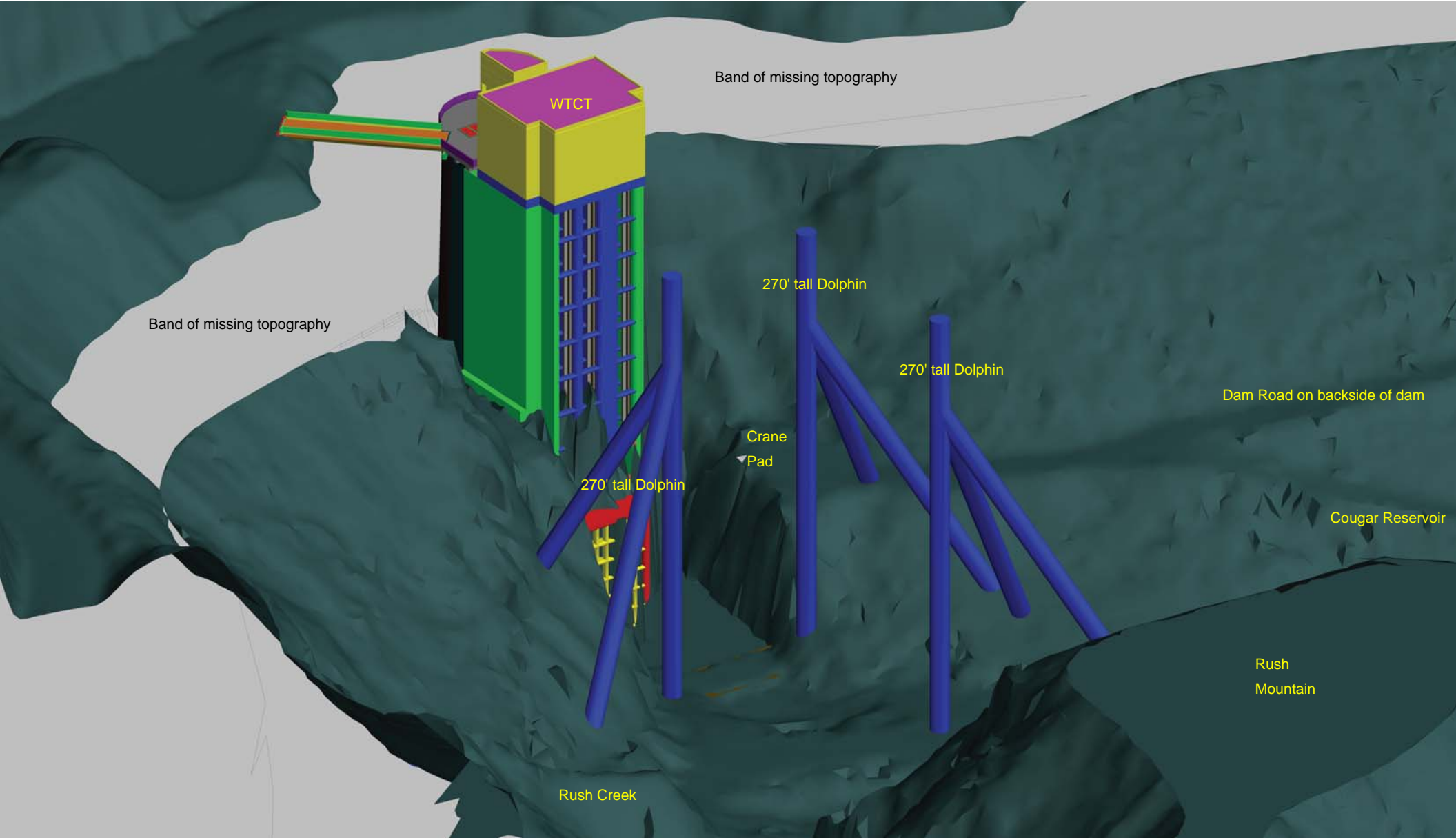
- 120 feet long by 70 feet wide
- Flume may add up to 60 feet for a total length of 180 feet out from WTCT

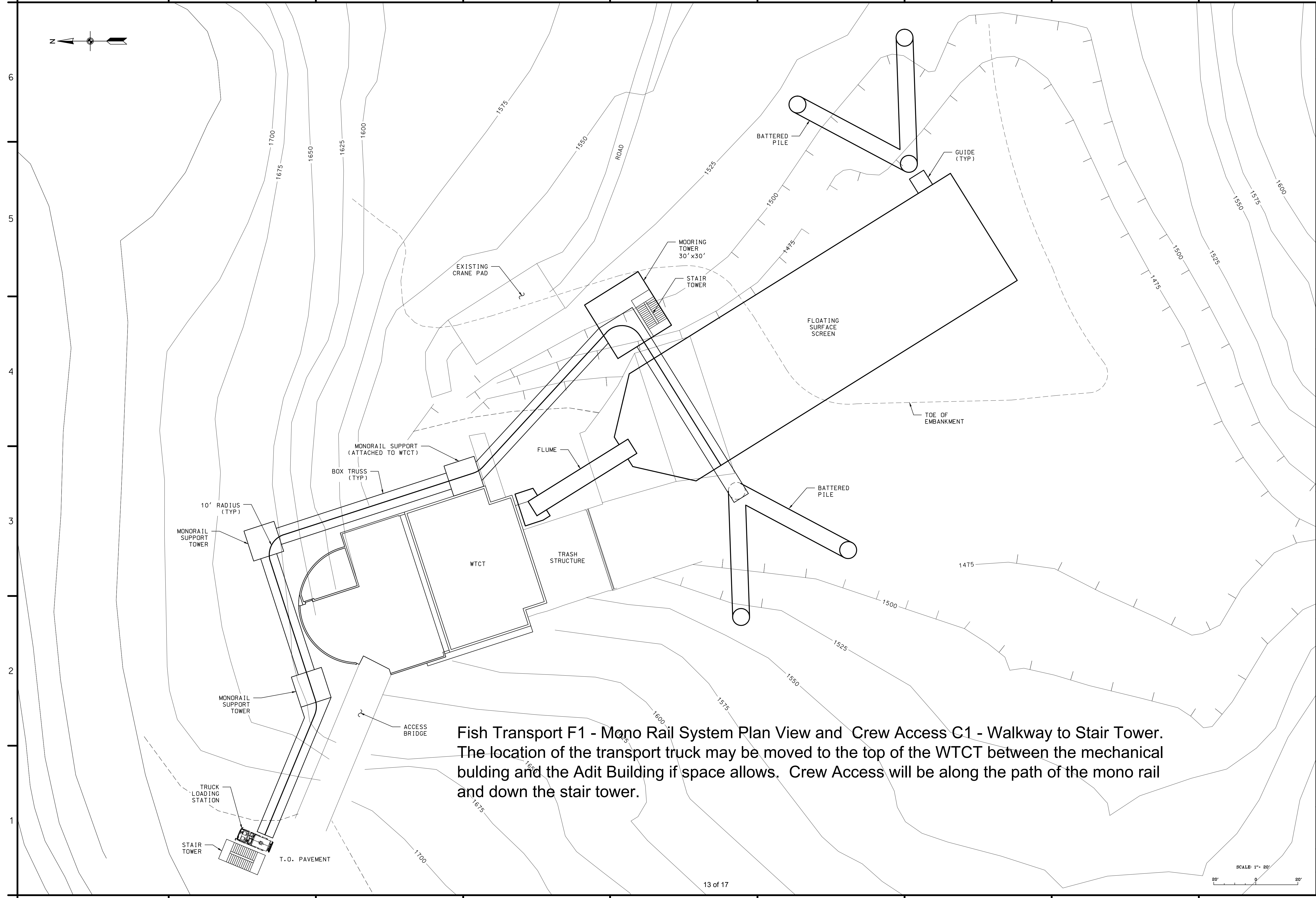
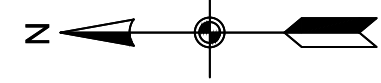


Configuration A3 at high and low pool





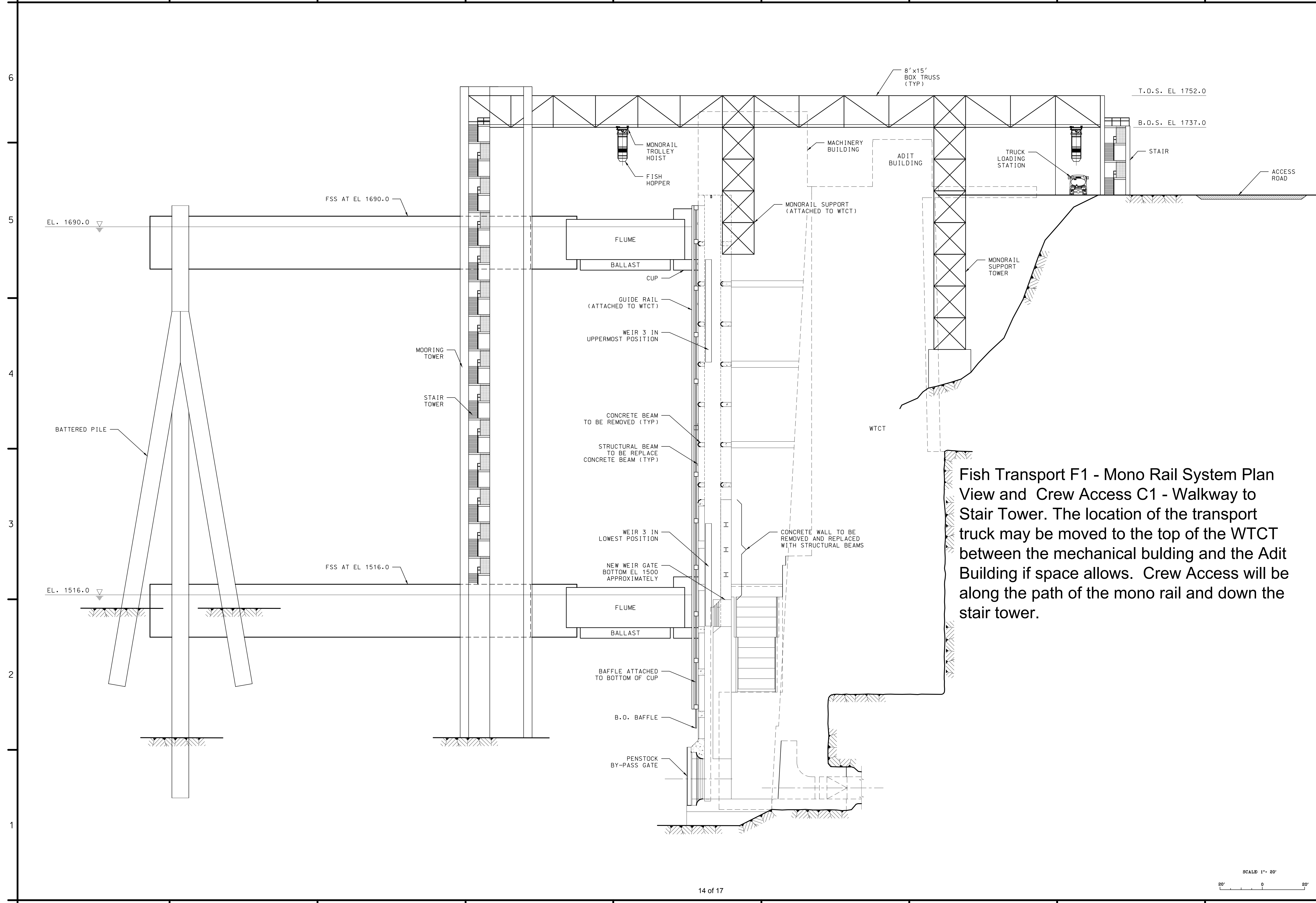




Fish Transport F1 - Mono Rail System Plan View and Crew Access C1 - Walkway to Stair Tower. The location of the transport truck may be moved to the top of the WTCT between the mechanical building and the Adit Building if space allows. Crew Access will be along the path of the mono rail and down the stair tower.

SCALE: 1" = 20'

 US Army Corps of Engineers Portland District	
Date: 14 APR 2017 CADD File Name: PLATE NO. 3 Technical Manager: TECH_MGR	Issued for 100% Engineering Design Report Issued for 90% Review
Designated by: DRH Drawn by: HDV Checked by: DRH Submitted by: SUBMITTED_BY	Revision 0 A
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS PORTLAND, OREGON	
SOUTH FORK MCKENZIE RIVER OREGON COUGAR DAM AND RESERVOIR DOWNSTREAM PASSAGE CDR	
DRAWING STATUS: 100% ENGINEERING DESIGN REPORT	
DRAWING NO. CUD-2-75/XX	
PLATE 3	



Fish Transport F1 - Mono Rail System Plan View and Crew Access C1 - Walkway to Stair Tower. The location of the transport truck may be moved to the top of the WTCT between the mechanical building and the Adit Building if space allows. Crew Access will be along the path of the mono rail and down the stair tower.

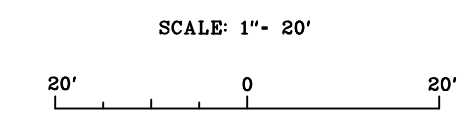
Revision	Date	Description
0	4-14-17	ISSUED FOR 100% ENGINEERING DESIGN REPORT
A	4-3-17	ISSUED FOR 90% REVIEW

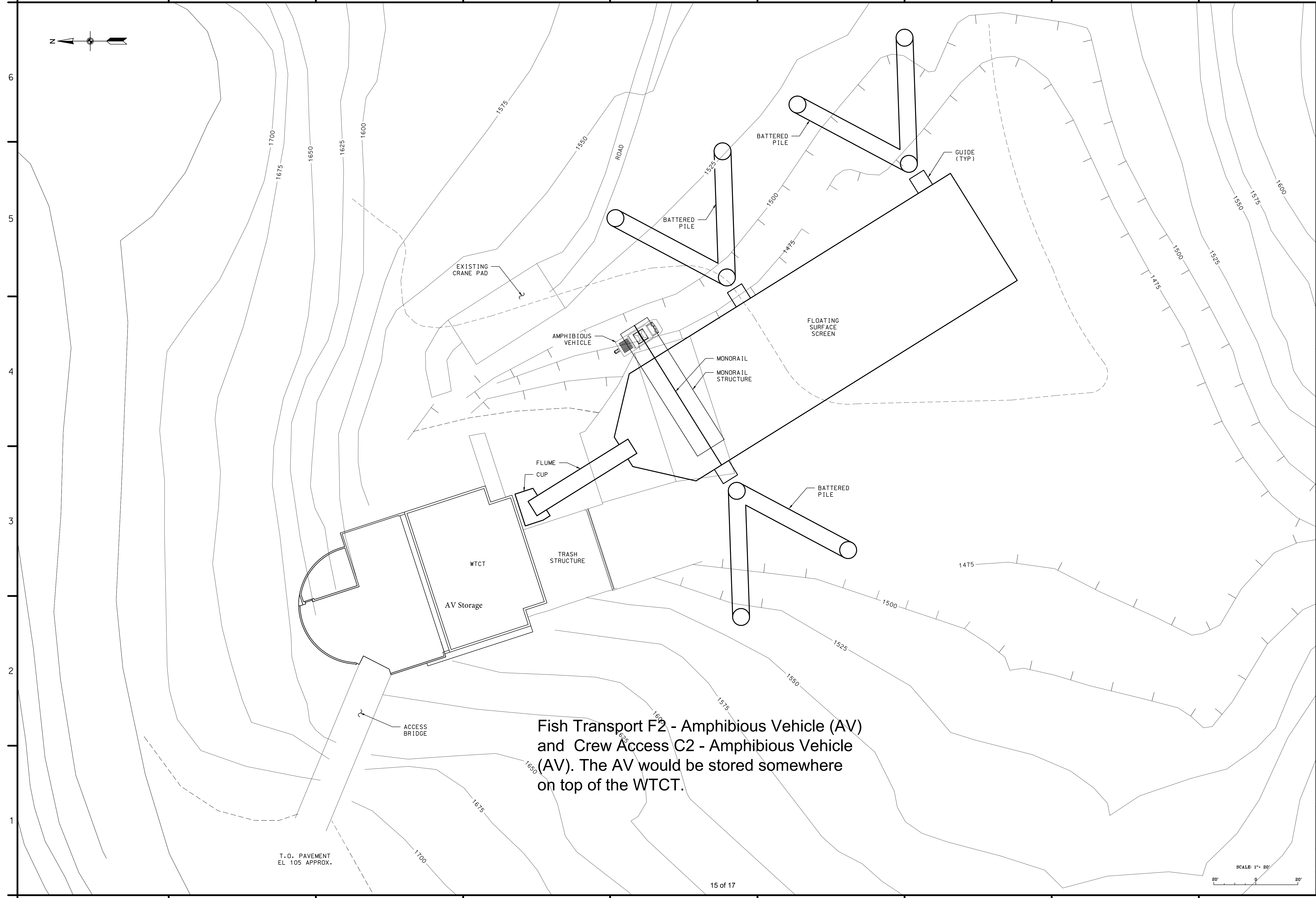
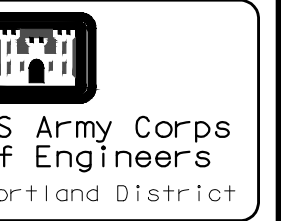
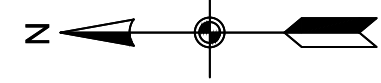
Designed by:	Date:
DRH	14 APR 2017
Drawn by:	CADD File Name:
HDV	PLATE NO-4
Checked by:	Technical Manager:
DRH	TECH_MGR
Submitted by:	
<b>SUBMITTED BY</b>	

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OREGON  
SOUTH FORK MCKENZIE RIVER  
**COUGAR DAM AND RESERVOIR**  
DOWNSTREAM PASSAGE  
EDR

DRAWING STATUS:  
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DESIGN REPORT  
DRAWING NO.  
**CUD-2-75/XX**  
PLATE  
**4**





Fish Transport F2 - Amphibious Vehicle (AV) and Crew Access C2 - Amphibious Vehicle (AV). The AV would be stored somewhere on top of the WTCT.

T.O. PAVEMENT  
EL 105 APPROX.

SCALE: 1" = 20'

Revision	Date	Description
0	4-14-17	ISSUED FOR 100% ENGINEERING DESIGN REPORT
A	4-3-17	ISSUED FOR 90% REVIEW

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Drawn by:	HBY	CADD File Name:	PLATE NO-7
Checked by:	DRH	Technical Manager:	TECH_MGR
Submitted by:	SUBMITTED_BY		

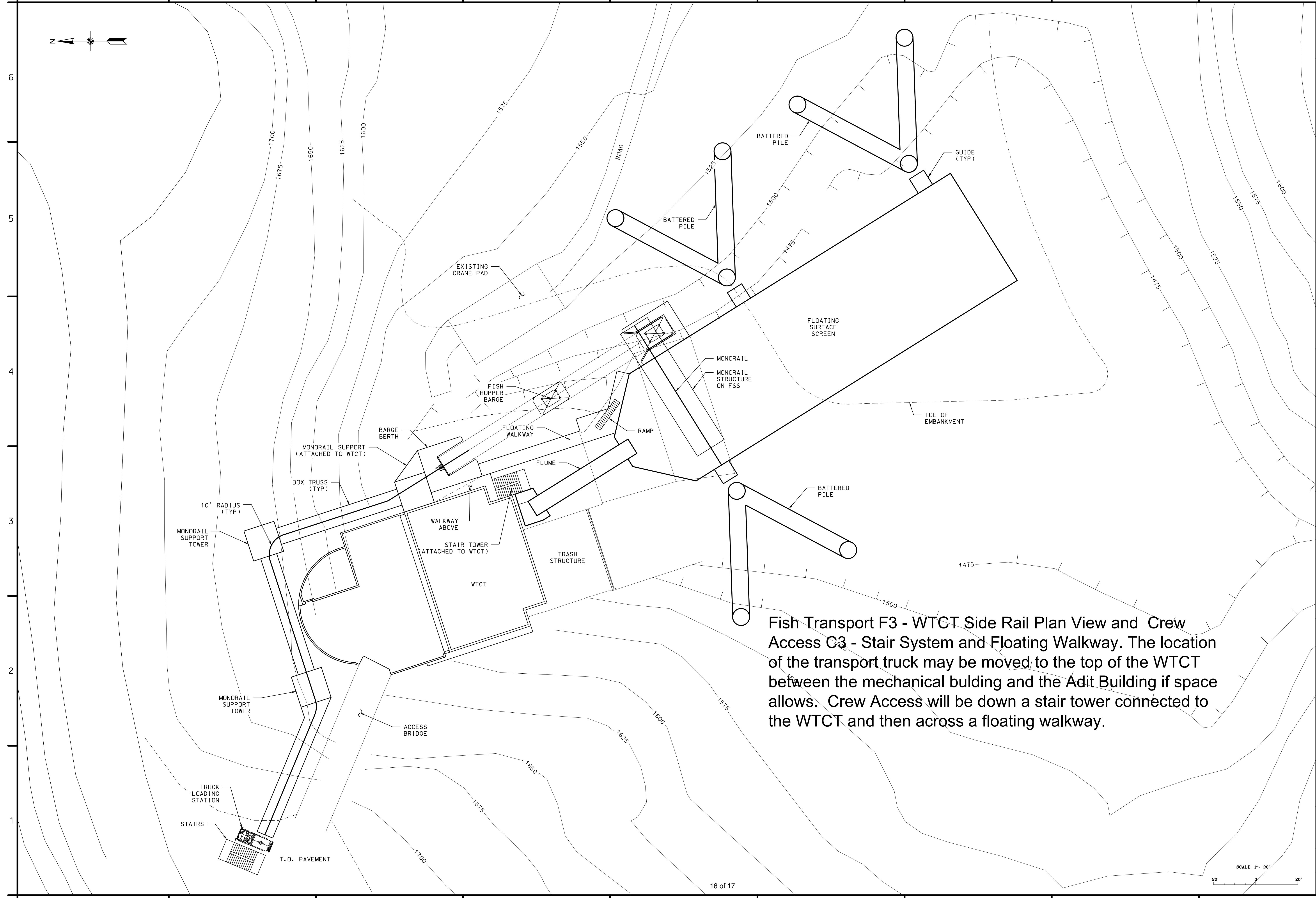
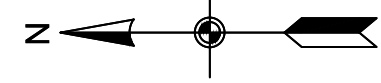
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COUGAR DAM AND RESERVOIR  
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DESIGN REPORT

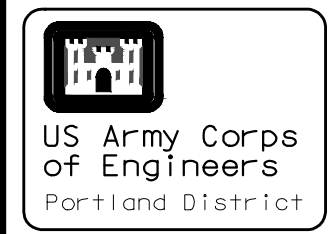
DRAWING NO.  
CUD-2-75/XX

PLATE  
7



Fish Transport F3 - WTCT Side Rail Plan View and Crew Access C3 - Stair System and Floating Walkway. The location of the transport truck may be moved to the top of the WTCT between the mechanical building and the Adit Building if space allows. Crew Access will be down a stair tower connected to the WTCT and then across a floating walkway.

SCALE: 1" = 20'



Revision	Date	Description
0	4-14-17	ISSUED FOR 100% ENGINEERING DESIGN REPORT
A	3-31-17	ISSUED FOR 90% REVIEW

Designed by:	DRH	Date:	14 APR 2017
Drawn by:	HBY	CADD File Name:	PLATE NO_5
Checked by:	DRH	Technical Manager:	TECH_MGR
Submitted by:	<b>SUBMITTED_BY</b>		

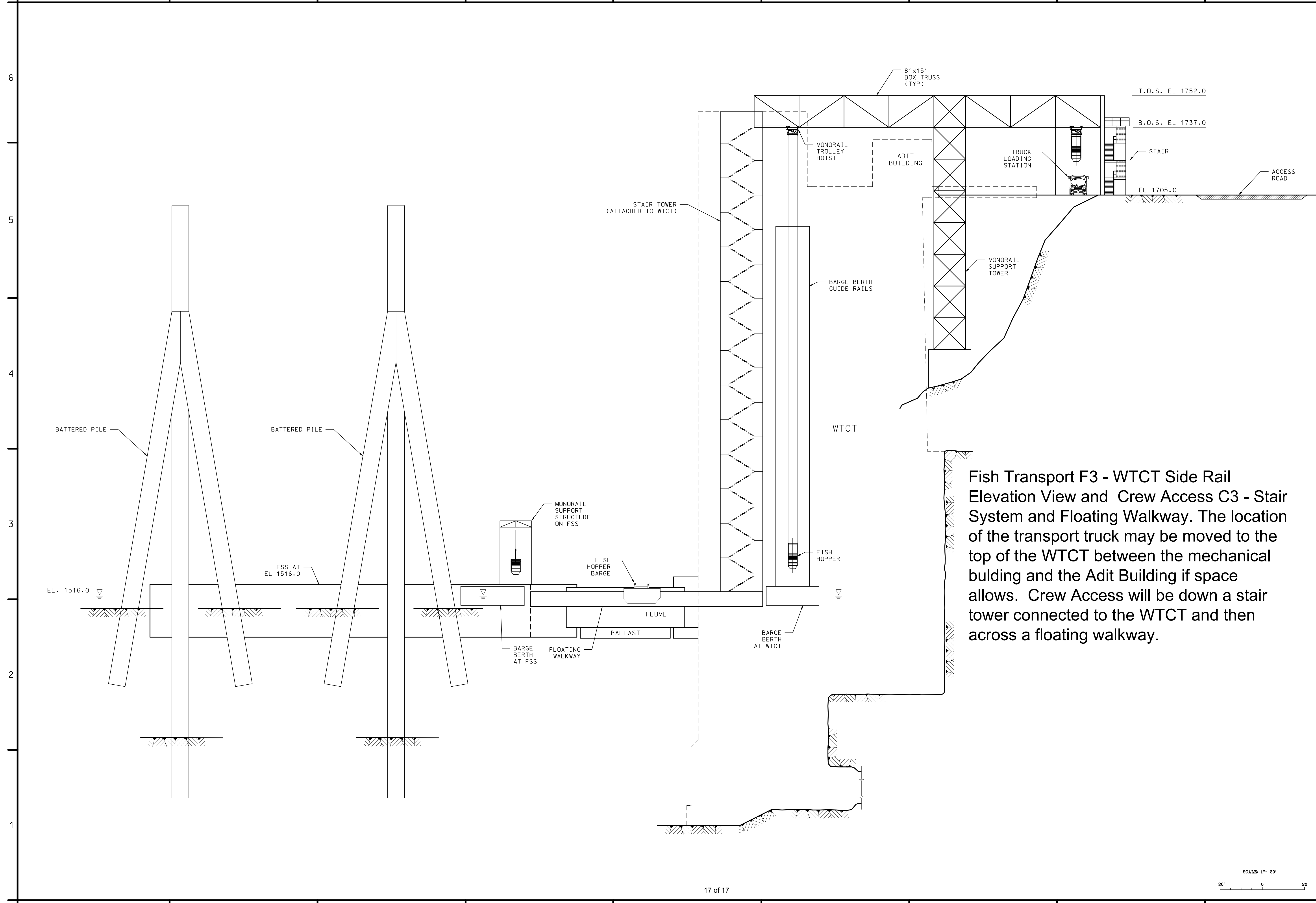
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
PORTLAND, OREGON

SOUTH FORK MCKENZIE RIVER  
OREGON  
**COUGAR DAM AND RESERVOIR**  
DOWNSTREAM PASSAGE  
EDR

DRAWING STATUS:  
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**CUD-2-75/XX**  
PLATE  
5





Fish Transport F3 - WTCT Side Rail Elevation View and Crew Access C3 - Stair System and Floating Walkway. The location of the transport truck may be moved to the top of the WTCT between the mechanical building and the Adit Building if space allows. Crew Access will be down a stair tower connected to the WTCT and then across a floating walkway.

Revision	Date	Description
0	4-14-17	ISSUED FOR 100% ENGINEERING DESIGN REPORT
A	4-3-17	ISSUED FOR 90% REVIEW

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DRH	14 APR 2017
Drawn by:	CADD File Name:
HDV	PLATE NO-6
Checked by:	Technical Manager:
DRH	TECH_MGR
Submitted by:	
<b>SUBMITTED_BY</b>	

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PLATE  
**6**

