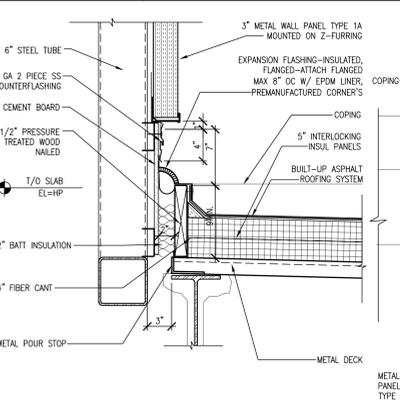
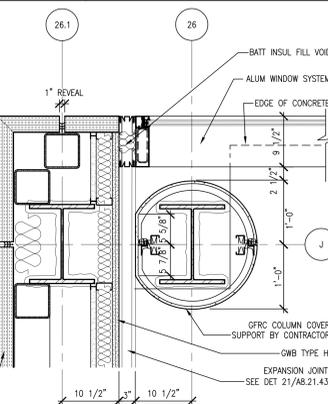


**40 CONCRETE PARAPET @ CLEANROOM**  
A3.21.50 SCALE: 3/4"=1'-0"  
AUT033001-8

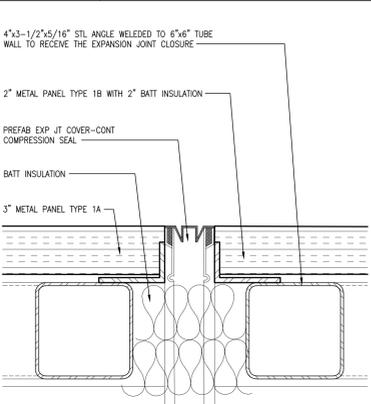
**31 CONCRETE PARAPET @ CLEANROOM**  
A5.31.41 SCALE: 3/4"=1'-0"  
AUT033001-8



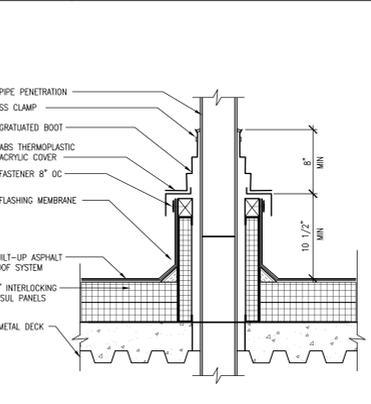
**25 ROOF EXPANSION JOINT @ BRIDGE**  
A3.31.40 SCALE: 1-1/2"=1'-0"  
AD0734032-8



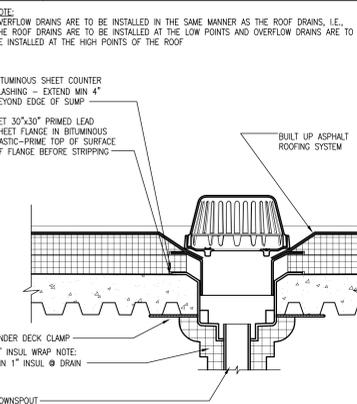
**24 PLAN DETAIL - EXPANSION JOINT**  
A2.01.66 SCALE: 1"=1'-0"  
AD0734031-8



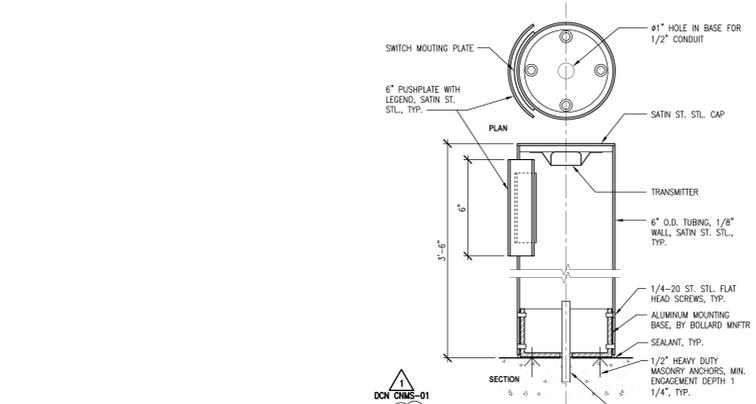
**17 DETAIL - EXPANSION JOINT @ METAL PANEL**  
A3.31.40 SCALE: 3"=1'-0"  
AD0734021-8



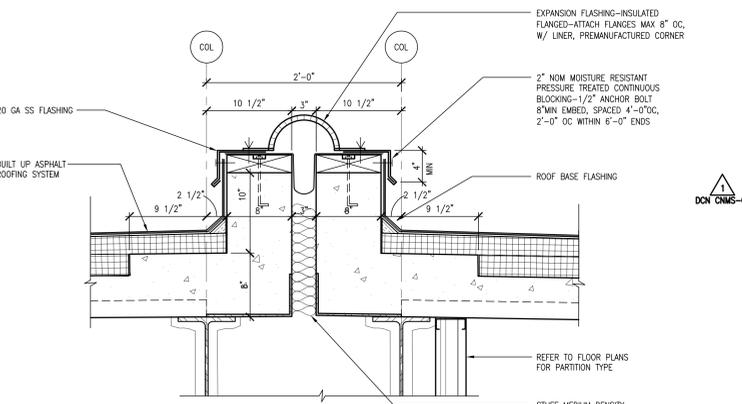
**7 DETAIL - PIPE CURB**  
A2.01.67 SCALE: 1/2"=1'-0"  
AD077008-8



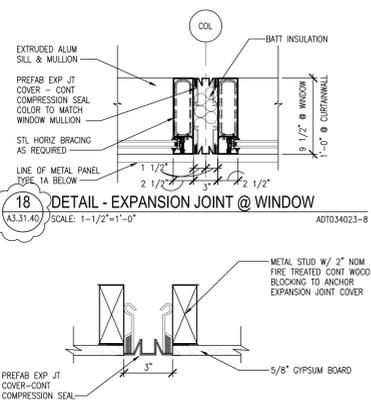
**2 DETAIL-ROOF DRAIN & OVERFLOW DRAIN**  
A2.01.67 SCALE: 1/2"=1'-0"  
AD077007-8



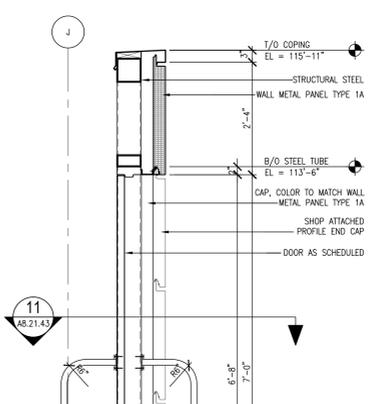
**33 BOLLARD DETAIL**  
A2.01.66 SCALE: 3"=1'-0"  
AUT083010-8



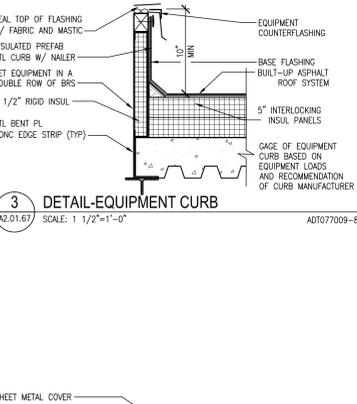
**27 DETAIL - EXPANSION JOINT COVER @ CURBS**  
A3.31.40 SCALE: 1 1/2"=1'-0"  
AD077011-8



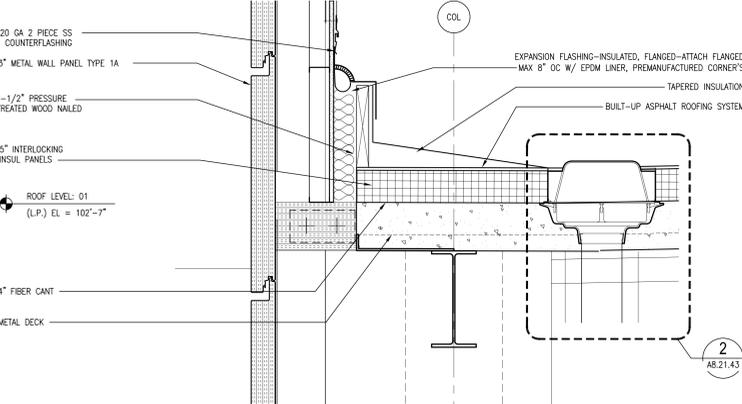
**18 DETAIL - EXPANSION JOINT @ WINDOW**  
A3.31.40 SCALE: 1-1/2"=1'-0"  
AD0734023-8



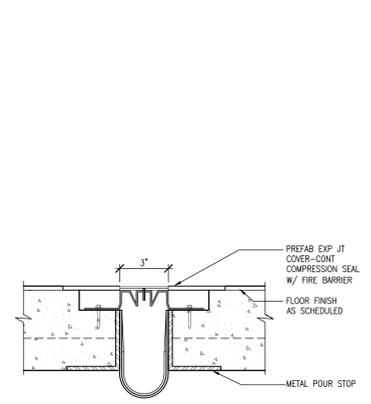
**3 DETAIL-EQUIPMENT CURB**  
A2.01.67 SCALE: 1/2"=1'-0"  
AD077009-8



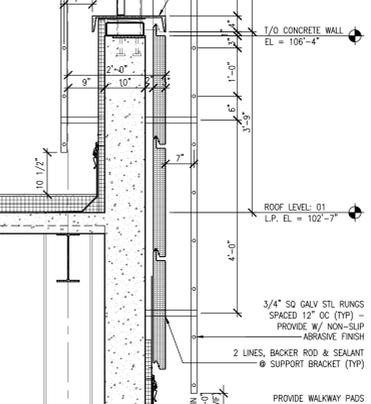
**4 DETAIL - EQUIPMENT CURB**  
A2.01.67 SCALE: 1/2"=1'-0"  
AD077010-8



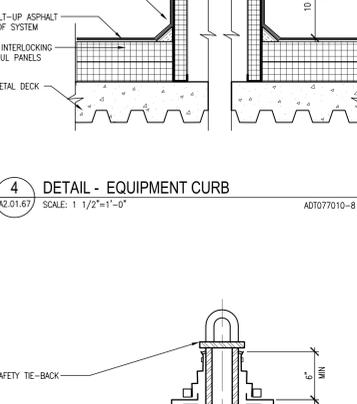
**29 ROOF EXPANSION JOINT @ CLEANROOM**  
A3.21.50 SCALE: 1-1/2"=1'-0"  
AD0734033-8



**21 DETAIL - EXPANSION JOINT COVER @ FLOOR**  
A3.31.40 SCALE: 3"=1'-0"  
AD073426-8



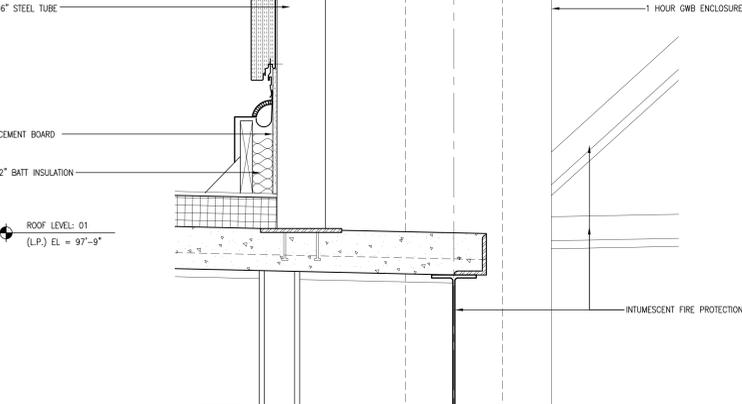
**10 CONCRETE PARAPET @ CLEANROOM**  
A2.01.67 SCALE: 3/4"=1'-0"  
AD077016-8



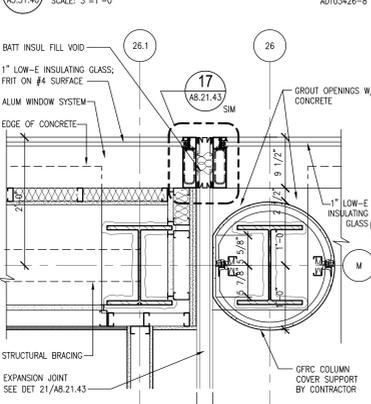
**5 DETAIL - SAFETY TIE-BACK**  
A2.01.67 SCALE: 1/2"=1'-0"  
AD077006-8



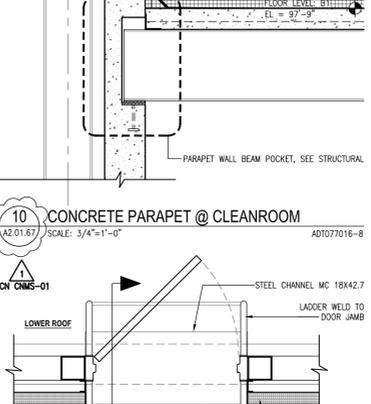
**30 CONCRETE PARAPET @ CLEANROOM**  
A2.01.66 SCALE: 3"=1'-0"  
AD077015-8



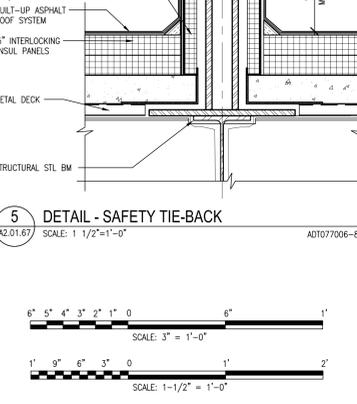
**23 PLAN DETAIL - EXPANSION JOINT**  
A2.01.66 SCALE: 1"=1'-0"  
AD0734030-8



**11 CONCRETE PARAPET @ CLEANROOM**  
A2.01.67 SCALE: 3/4"=1'-0"  
AD077016-8



**11 CONCRETE PARAPET @ CLEANROOM**  
A2.01.67 SCALE: 3/4"=1'-0"  
AD077016-8



**5 DETAIL - SAFETY TIE-BACK**  
A2.01.67 SCALE: 1/2"=1'-0"  
AD077006-8

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SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY: **CHANGE CONTROL SYSTEM**

ENGINEERING PROCEDURE

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
0		CERTIFIED FOR CONSTRUCTION-12/9/02	CF	ED													

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0		CERTIFIED FOR CONSTRUCTION-12/9/02	CF	ED													

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M+W Zander U.S. Operations, Inc.  
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Telephone: (312) 577-3200  
Fax: (312) 577-3525

UT-BATTELLE  
PROJECT NAME: **CENTER FOR NANOPHASE MATERIALS SCIENCES**  
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725

SCALE: 1-1/2"=1'-0"

3	4	49	50	PLANT	BLDG	FL	SH.	OF TYPE	CLASS
1	A	X	X	8	8610	1	1	P	U

A/E DRAWING NUMBER: **A8.21.43**