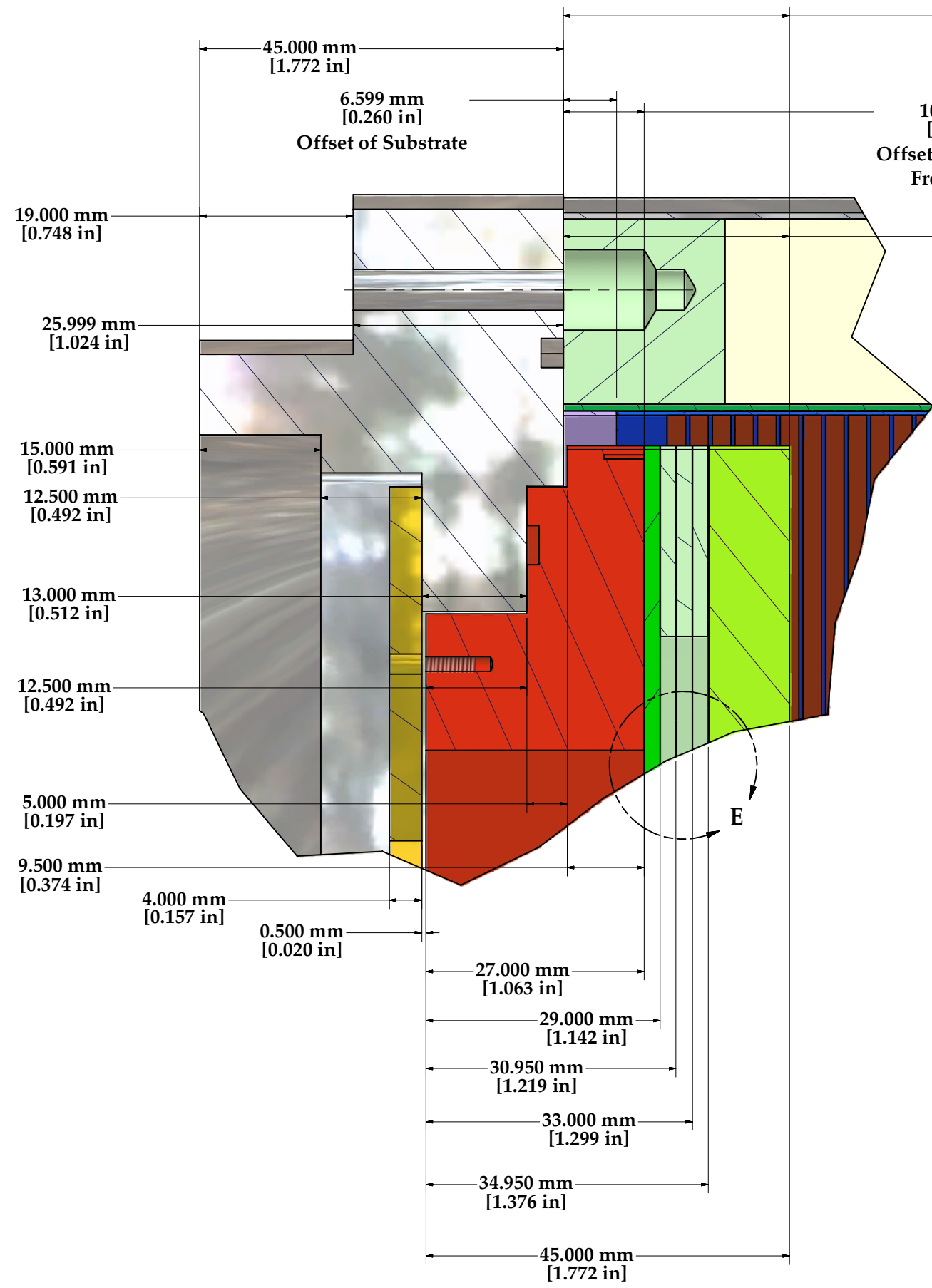


REVISIONS		
SYM.	ZONE	DATE APP.



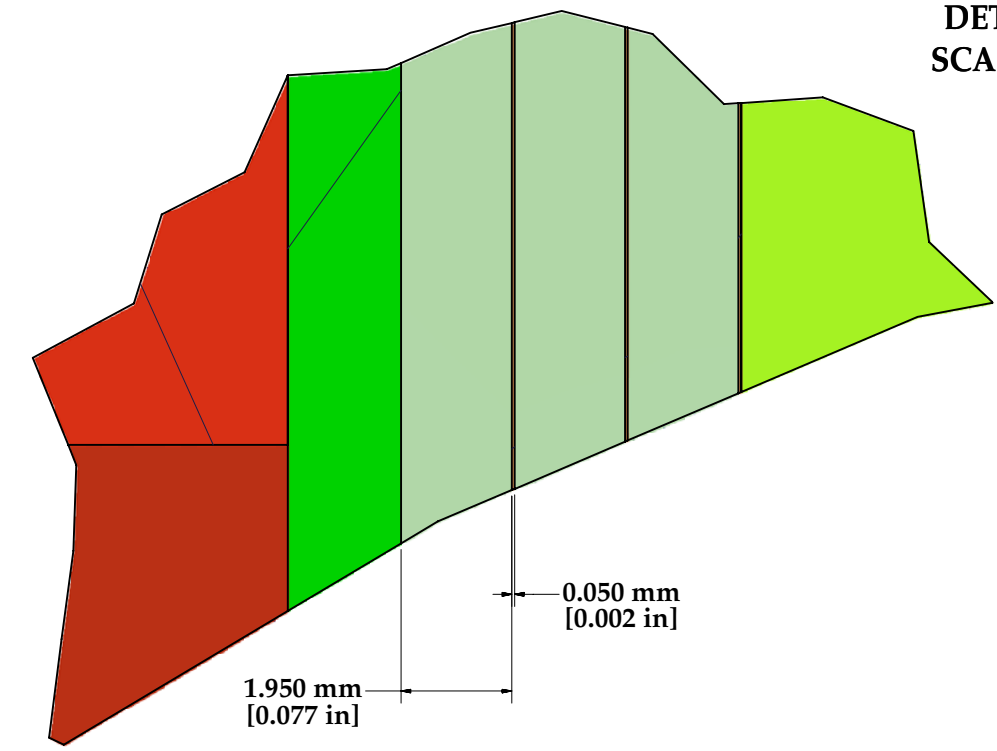
**DETAIL D**  
SCALE 3 : 1

28.000 mm [1.102 in]  
Field Cage Flange to  
Center of Band 6

10.000 mm [0.394 in]  
Offset of Backframe  
From Flange

28.000 mm [1.102 in]  
Field Cage Flange to  
Front Surface of 3GEM

**NOTE: Shown with:**  
 Bolt Circle Radius = 375mm  
 Bolt Diameter = 5mm  
 O Ring Groove Outer Radius = 369mm  
 O Ring Groove Width = 3.65mm , Depth = 2.75mm,  
 for 3.55mm O Ring  
 Fieldcage Flange Insert OD = 10mm



**DETAIL E**  
SCALE 15 : 1

FOR MACHINING LUBRICANT USE ONLY  
 ALKALINE DETERGENT LUBRICANT CIMSTAR 40  
 OR EQUIVALENT APPROVED BY CORNELL LEPP

TECHNICAL RESOURCE APPROVALS REQUIRED BEFORE FABRICATION			
	OK	DATE	N/A
DRAFTING (O'Connell):			
MACHINE SHOP (Kaminski):			
CHEMISTRY (Conklin):			
ELECTRONICS SHOP (Barley):			
FURNACE BRAZING (Sherwood):			
BEAM WELDING (Sears):			
WELDING OTHER (Gallagher):			
UTILITIES INTEGRATION (Gallagher):			
STOCKROOMS (Lockwood):			

ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.
			QUANTITY				
<b>D</b>	6080-112	End Plate , 3GEM , & Field Cage Assm					

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 ± 0.10 .000 ± 0.005 FRACTIONS ± 1/64 ANGLES ± 0.5° ALL SURFACES	CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853
CHECKED BY: Peterson APPROVED BY: Peterson	DRAWN BY: MDS DRAWN FOR: Peterson DATE: 12/4/2007 SCALE: D 6080-112 SH. NO. 4 OF 4