KeyBeam					ENG16080 Test Beam					4-10- 3:58p
Beam® 5.011 (Build 20) BeamEngine 4.600y terials Database 1381										1 of
lember Data escription:				er Type: Beam teral Bracing: (Application:	Floor		
andard Load: /e Load: 40 PLF			Bottom Moistur Deflecti	Lateral Bracin re Condition: D ion Criteria: L/	ng: Continuous)ry /360 live, L/240	total	Building Coo			
ead Load: 15 Pl	_F		-	Connection: Na ne: ENG16080			Member We	eight: 19.9 PLF		
ther Loads be escription) placement Uniform		Side Top	Begin 0' 0.00"	End 17' 1.00"	Trib. Width	Other Start 460	End	Dead Start 195	End	Catego Liv
 ↓ Ø				1	17 1 0					
<u> </u>				1	17 1 0	_	_		/	
earings and R Location 0' 0.000"	type Wall Wall		Material Steel Steel		Input Length 1 3.500" 3.500"	Min Required N/A N/A	Gravity Reaction 5617# 5617#	Gravity Uplift – –		
17' 1.000"	V v		<u> </u>		0.000	1 10/2 11				
aximum Load Cas d for applying point loads (or line load Live 3829#	ts) to carrying members D 17	Dead 789# 789#								
trimum Load Cas for applying point loads (or line load Live 3829# 3829#	ts) to carrying members D 17									
aximum Load Cas for applying point load (or line load Live 3829# 3829# esign spans	ls) to carrying members D 17 17	789# 789#	- 7.25" x 5				PA	SSES DES	IGN CHE(CKS
ximum Load Cas for applying point loads (or line load Live 3829# 3829# sign spans 16' 7.750" Product: Design assur Web stiffeners Consult mat	s) to canying members D 17 17 17 17 17 17 17 17 17 17 17 17 17	789# 789# OCI 759 · us lateral bra d at all beari	acing for both fla	anges. ad locations unle	ess reviewed by	a design enç		SSES DES	IGN CHEC	CKS
if a applying point loads (or line load Live 3829# 3829# esign spans 16' 7.750" Product: Design assur Web stiffenen: Consult mat	s) to canying members D 17 17 17 17 17 17 17 17 17 17 17 17 17	789# 789# OCI 759 · us lateral bra d at all beari nstallation g Actua	racing for both fla ing and point loa guide (if applicab al	anges. ad locations unle ble) for details. Allowable	Capacity	La	ineer. cation	Loadin	9	CKS
aximum Load Case dfor applying point loads (or line load Live 3829# essign spans 16' 7.750" Product: Design assur Web stiffenen	s) to canying members D 17 17 17 17 17 17 17 17 17 17 17 17 17	789# 789# OCI 759 · us lateral bra d at all beari nstallation g	racing for both fla ing and point loa guide (if applicat al 6."# 5.# 7 64"	anges. ad locations unle ble) for details.		Lc	ineer.		g D+L D+L D+L D+L D+L	CKS

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"Passing is defined as when the member, floor just, beam or girder, shown on this drawing meets applicable design orderia for Leads, Loading Conditions, and Spans listed on this sheet. The design must be reviewed by a qualified designer or design professional as required for approval. This design assumes product instalation according to the manufacturer's specifications.