	Quick Open Link	www.Engineering-International.com	Group	Last Updated
1	FreeStandingWall.xlsb	Free Standing Masonry & Conctere Wall Design Based on TMS 402-16 & ACI 38-19	Foundation	5/17/2024
2	EccentricFooting.xlsb	Eccentric Footing Design Based on ACI 38-19	Foundation	5/17/2024
3	<u>Flagpole.xlsb</u>	Flagpole Footing Design Based on Chapter 18 of IBC & CBC	Foundation	5/17/2024
4	<u>MasonryRetainingWall.xlsb</u>	Masonry Retaining / Fence Wall Design Based on TMS 402-16 & ACI 38-19	Foundation	5/17/2024
5	<u>ConcreteRetainingWall.xlsb</u>	Concrete Retaining Wall Design Based on ACI 38-19	Foundation	5/17/2024
6	Masonry-Concrete-RetainingWall.xlsb	Retaining Wall Design, for Masonry Top & Concrete Bottom, Based on TMS 402-16 & ACI 38-19	Foundation	5/17/2024
7	ConcretePier.xlsb	Concrete Pier (Isolated Deep Foundation) Design Based on ACI 38-19	Foundation	5/17/2024
8	ConcretePile.xlsb	Drilled Cast-in-place Pile Design Based on ACI 38-19	Foundation	5/17/2024
10	PileCaps.xlsb PileCapBalancedLoads.xlsb	Pile Cap Design for 4, 3, 2-Piles Pattern Based on ACI 38-19 Determination of Pile Cap Relayand Loads and Reportions	Foundation Foundation	5/17/2024 5/17/2024
11	ConventionalSlabOnGrade.xlsb	Determination of Pile Cap Balanced Loads and Reactions Design of Conventional Slabs on Expansive & Compressible Soil Grade Based on ACI 360	Foundation	5/17/2024
12	PT-SlabOnGround.xlsb	Design of PT Slabs on Expansive Soil Ground Based on PTI DC10.5-12 & PTI 3rd Edition	Foundation	5/17/2024
13	BasementConcreteWall.xlsb	Basement Concrete Wall Design Based on ACI 38-19	Foundation	5/17/2024
14	BasementMasonryWall.xlsb	Basement Masonry Wall Design Based on TMS 402-16	Foundation	5/17/2024
15	BasementColumn.xlsb	Basement Column Supporting Lateral Resisting Frame Based on ACI 38-19	Foundation	5/17/2024
16	MRF-GradeBeam.xlsb	Grade Beam Design for Moment Resisting Frame Based on ACI 318-16	Foundation	5/17/2024
17	<u>BraceGradeBeam.xlsb</u>	Grade Beam Design for Brace Frame Based on ACI 38-19	Foundation	5/17/2024
18	<u>GradeBeam.xlsb</u>	Two Pads with Grade Beam Design Based on ACI 38-19 & AISC 360-22	Foundation	5/17/2024
19	<u>CircularFooting.xlsb</u>	Circular Footing Design Based on ACI 38-19	Foundation	5/17/2024
20	<u>CombinedFooting.xlsb</u>	Combined Footing Design Based on ACI 38-19	Foundation	5/17/2024
21	BoundarySpringGenerator.xlsb	Mat Boundary Spring Generator	Foundation	5/17/2024
22	<u>DeepFooting.xlsb</u> FootingAtPiping.xlsb	Deep Footing Design Based on ACI 38-19	Foundation	5/17/2024
23 24	IrregularFootingSoilPressure.xlsb	Design of Footing at Piping Based on ACI 38-19 Soil Pressure Determination for Irregular Footing	Foundation Foundation	5/17/2024 5/17/2024
25	PAD.xlsb	Pad Footing Design Based on ACI 38-19	Foundation	5/17/2024
26	PlainConcreteFooting.xlsb	Plain Concrete Footing Design Based on ACI 38-19	Foundation	5/17/2024
27	RestrainedRetainingWall.xlsb	Restrained Retaining Masonry & Concrete Wall Design Based on TMS 402 & ACI 318	Foundation	5/17/2024
28	RetainingWall-DSA-OSHPD.xlsb	Retaining Wall Design Based on 2022 CBC Chapter A	Foundation	5/17/2024
29	TankFooting.xlsb	Tank Footing Design Based on ACI 318-19, ASCE 7-22 & AWWA D103-19	Foundation	5/17/2024
30	TankAnchorage_xlsb	Tank Anchorage Design Based on ACI 318-19 & AWWA D103-19	Foundation	5/17/2024
31	<u>TemporaryFootingforRectangularTank.xlsb</u>	Temporary Tank Footing Design Based on ACI 38-19	Foundation	5/17/2024
32	<u>UnderGroundWell.xlsb</u>	Under Ground Well Design Based on ACI 350-06 & ACI 38-19	Foundation	5/17/2024
33	StudBearingWallFooting.xlsb	Footing Design for Stud Bearing Wall Based on 2021 IBC / ACI 38-19	Foundation	5/17/2024
34	WallFooting.xlsb	Footing Design of Shear Wall Based on ACI 38-19	Foundation	5/17/2024
35	FixedMomentCondition.xlsb	Fixed Moment Condition Design Based on ACI 38-19	Foundation	5/17/2024
36 37	FloodWay.xlsb	Concrete Floodway Design Based on ACI 350-06 & ACI 38-19	Foundation	5/17/2024
38	<u>LateralEarthPressure.xlsb</u> Shoring.xlsb	Lateral Earth Pressure of Rigid Wall Based on AASHTO 17th & 2021 IBC Sheet Pile Wall Design Based on 2021 IBC / 2022 CBC / ACI 38-19	Foundation Foundation	5/17/2024 5/17/2024
39	CompositeElementDurability.xlsb	Composite Element Design Based on AISC 360-22 & ACI 38-19	Foundation	5/17/2024
40	SeismicEarthPressure.xlsb	Seismic Earth Pressure of Deep Stiff Wall Based on FEMA P-750 & AASHTO/IBC	Foundation	5/17/2024
41	Caisson.xlsb	Caisson Design Based on 2021 IBC & 2022 CBC	Foundation	5/17/2024
42	RectangularMachineFooting.xlsb	Rectangular Machine or Tank Footing Design Based on ACI 38-19	Foundation	5/17/2024
43	<u>Tieback.xlsb</u>	Sheet Pile Wall, with Tieback Anchors, Design Based on AASHTO (HB-17), 2021 IBC & ACI 38-19	Foundation	5/17/2024
44	<u>ScrewPiles.xlsb</u>	Screw Pile Design Based on 2021 IBC & AISC 360-22	Foundation	5/17/2024
45	<u>SlopeStability.xlsb</u>	Slope Stability Analysis Based on AASHTO 17th & 2021 IBC	Foundation	5/17/2024
46	<u>UnderFootingSewer.xlsb</u>	Underground Utilities Way Design Based on AASHTO-17th & 2021 IBC	Foundation	5/17/2024
47	<u>LandslideRepair.xlsb</u>	Landslide Repair Design Based on 2021 IBC & AASHTO 17th	Foundation	5/17/2024
48	<u>RingFoundation.xlsb</u>	Ring Foundation Design Based on 2021 IBC & ACI 38-19	Foundation	5/17/2024
49	<u>DrivenPile.xlsb</u>	Driven Precast Concrete Pile Design Based on 2021 IBC & ACI 38-19	Foundation	5/17/2024
50 51	EquipmentFooting.xlsb	Foundation Design for Dynamic Equipment Based on ACI 351.3 & ACI 38-19	Foundation	5/17/2024
52	Counterfort-Retaining-Wall.xlsb Retaining-Wall-Repair.xlsb	Counterfort Retaining Wall Design Based on 2021 IBC & ACI 38-19 Retaining Wall Repair Design Based on AASHTO/2021 IBC & TMS 402-16	Foundation Foundation	5/17/2024 5/17/2024
53	MatFoundation.xlsb	RC Mat Slab Design Based on 2021 IBC, ACI 38-19, AASHTO 17th Edition & ACI 360	Foundation	5/17/2024
54	BinWall.xlsb	Trapezoidal Loads Retaining Wall Design Based on ACI 318-19	Foundation	5/17/2024
55	TreeRootFoundation.xlsb	Tree Root Foundation Design Based on AASHTO (HB-17), 2021 IBC & 2022 CBC	Foundation	5/17/2024
56	ElasticStripFoundation.xlsb	Elastic Strip Foundation Analysis using Finite Element Method Based on 2021 IBC	Foundation	5/17/2024
57	PT-Rebar-GroundSlab.xlsb	Design of PT Slabs with Rebar Stiffening Beam Based on ACI 318-19, PTI DC10.5-12 & PTI 3rd Edition	Foundation	5/17/2024
58	SonotubeFooting.xlsb	Sonotube Footing Design Based on 2021 IBC, ASCE 7-22, & ACI 318-19	Foundation	5/17/2024
59	<u>RigidFootingMomentCapacity.xlsb</u>	Rigid Footing Moment Capacity Design Based on ASCE 41-17 & ACI 318-19	Foundation	5/17/2024
1	PerforatedShearWall.xlsb	Perforated Shear Wall Design Based on 2021 IBC / 2022 CBC / NDS 2018	Wood	5/17/2024
2	ShearWallOpening.xlsb	Wood Shear Wall with an Opening Based on 2021 IBC / 2022 CBC / NDS 2018	Wood	5/17/2024
3 4	WoodColumn.xlsb GreenCompositeWall.xlsb	Wood Post, Wall Stud, or King Stud Design Based on NDS 2018 Composite Strong Wall Design Based on ACI 318-19, AISI S100/SI-10 & ESR-3064P	Wood Wood	5/17/2024 5/17/2024
5	WoodBeam.xlsb	Wood Beam Design Based on NDS 2018	Wood	5/17/2024
6	CantileverBeam.xlsb	Wood Beam Design Based on NDS 2018	Wood	5/17/2024
7	Diaphragm-Ledger-CMUWall.xlsb	Connection Design for Wall & Diaphragm Based on 2021 IBC / 2022 CBC	Wood	5/17/2024
8	DoubleJoist.xlsb	Double Joist Design for Equipment Based on NDS 2018, ICC PFC-4354 & PFC-5803	Wood	5/17/2024
9	DragForces.xlsb	Drag / Collector Force Diagram Generator	Wood	5/17/2024
10	<u>EquipmentAnchorage.xlsb</u>	Equipment Anchorage to Wood Roof Based on NDS 2018 / 2021 IBC / 2022 CBC	Wood	5/17/2024
11	<u>LagScrewsConnection.xlsb</u>	Lag Screw Connection Design Based on NDS 2018	Wood	5/17/2024
12	<u>Subdiaphragm.xlsb</u>	Subdiaphragm Design Based on ASCE 7-22	Wood	5/17/2024
13	<u>ToeNail.xlsb</u>	Toe-Nail Connection Design Based on NDS 2018	Wood	5/17/2024
14	TopPlateConnection.xlsb	Top Plate Connection Design Based on NDS 2018	Wood	5/17/2024
15	Truss-Wood.xlsb	Wood Truss Design Based on NDS 2018 Palt Connection Design Resed on NDS 2018	Wood	5/17/2024
16	WoodDiaphygam ylch	Bolt Connection Design Based on NDS 2018 Wood Disphragm Design Based on SDPWS 21	Wood	5/17/2024
17 18	Wood laist yish	Wood Diaphragm Design Based on SDPWS-21 Wood Joist Design Based on NDS 2018 / NDS 01, ICC PFC-4354 & PFC-5803	Wood	5/17/2024
19	WoodSnearWall.xlsb	Shear Wall Design Based on NDS 2018 / NDS 01, ICC PFC-4354 & PFC-5803	Wood Wood	5/17/2024 5/17/2024
20	WoodTables.xlsb	Tables for Wood Post Design Based on NDS 2018	Wood	5/17/2024
21	TransferDiaphragm-Wood.xlsb	Wood Diaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity	Wood	5/17/2024
22		Wood Pole or Pile Design Based on NDS 2018	Wood	5/17/2024
23	WoodMember.xlsb	Wood Member (Beam, Column, Brace, Truss Web & Chord) Design Based on NDS 2018	Wood	5/17/2024
24	BendingPostAtColumn.xlsb	Connection Design for Bending Post at Concrete Column Based on NDS 2018 & ACI 318-19	Wood	5/17/2024
25	<u>CurvedMember.xlsb</u>	Curved Wood Member (Wood Torsion) Design Based on NDS 2018	Wood	5/17/2024
26	<u>StrongCustomFrame.xlsb</u>	4E-SMF with Wood Nailer Design Based on AISC 358-22 & NDS 2018	Wood	5/17/2024
27	<u>CLT-TwoWayFloor.xlsb</u>	Two-Way Floor Design Based on NDS 2018, using Cross-Laminated Timber (CLT), by FEM	Wood	5/17/2024

2					
	8 <u>CLT-ShearWall.xlsb</u>		Shear Wall Design, using Cross-Laminated Timber (CLT), Based on NDS 2018	Wood	5/17/2024
25	9 <u>HybridMember.xlsb</u>		Hybrid Member (Wood & Metal) Design Based on NDS 2018, AISI S100 & ESR-3064P	Wood	5/17/2024
30	0 <u>BeamReinforcement.x</u>	<u>sb</u>	Beam Reinforcement Design by Finite Element Method	Wood	5/17/2024
3	1 BambooShearWall.xls	<u>6</u>	Shear Wall Design, using Laminated Bamboo, Based on NDS 2018	Wood	5/17/2024
32	2 WoodRepairProtection	ı <u>xlsb</u>	Wood Repair & Protection Design Based on 2016 CEBC, ASCE 41-17, ACI 318-19 & NDS 2018	Wood	5/17/2024
33	3 <u>ToFixSaggingBeam.xl</u>	<u>sb</u>	To Fix Sagging Beam, Using External Post-Tensioning Systems, Based on NDS 2018	Wood	5/17/2024
34	4 ToFixSaggingGirder.x	<u>lsb</u>	To Fix Sagging Girder, by Bent HSS Tube Arch, Based on NDS 2018 & AISC 360-22	Wood	5/17/2024
3:	5 MechanicallyLaminate	edDecking.xlsb	Mechanically Laminated Decking Design Based on 2022 CBC/2021 IBC 2304.9	Wood	5/17/2024
30	6 <u>WoodAnchorage.xlsb</u>		Sill Plate/Nailer Connection Design Based on NDS 2018	Wood	5/17/2024
3'	7 FlitchPlateBeam.xlsb		Flitch Plate Beam Design Based on AISC 360-22 & NDS 2018	Wood	5/17/2024
3	8 <u>CantileverWoodDiaph</u>	ragm.xlsb	Cantilever Wood Diaphragm Design Based on SDPWS-21	Wood	5/17/2024
35	9 <u>NotchingDesign.xlsb</u>		Notching Design for Wood and Steel Beam Based on 2021 IBC, NDS 2018, & AISC 360-22	Wood	5/17/2024
40	0 <u>TudorArches.xlsb</u>		Tudor Arches Design Using Finite Element Method in Structural Mechanics	Wood	5/17/2024
4	1 CLT-Wall-Wind.xlsb		Wall of Cross-Laminated Timber (CLT) Design, for Perpendicular to Plane Loads, Based on NDS 2018	Wood	5/17/2024
1		3C.xlsb	Masonry Shear Wall Design Based on 2022 CBC Chapter A (both ASD and SD)	Masonry	5/17/2024
2			Masonry Shear Wall Design Based on TMS 402-16 & 2021 IBC (both ASD and SD)	Masonry	5/17/2024
3			Fastener Anchorage Design in Masonry Based on TMS 402-16	Masonry	5/17/2024
4			Masonry Flush Wall Pilaster Design Based on 2022 CBC Chapter A	Masonry	5/17/2024
5			Masonry Flush Wall Pilaster Design Based on TMS 402-16	Masonry	5/17/2024
6			Design of Masonry Bearing Wall with Opening Based on TMS 402-16	Masonry	5/17/2024
7			Design for Bending Post at Top of Wall, Based on TMS 402-16	Masonry	5/17/2024
8			Development & Splice of Reinforcement in Masonry Based on TMS 402-16 & 2021 IBC & 2022 CBC	Masonry	5/17/2024
9			Elevator Masonry Wall Design Based on 2022 CBC Chapter A & 2021 IBC	Masonry	5/17/2024
	0 GirderAtWall.xlsb		Design for Girder at Masonry Wall Based on TMS 402-16	Masonry	5/17/2024
	1 HorizontalBendingWa	II xlsh	Masonry Wall Design at Horizontal Bending Based on TMS 402-16	Masonry	5/17/2024
	2 MasonryBeam.xlsb	H.XISO	Masonry Beam Design Based on TMS 402-16	Masonry	5/17/2024
	3 MasonryBearingWall-	CRC ylsh	Allowable & Strength Design of Masonry Bearing Wall Based on 2022 CBC Chapter A	Masonry	5/17/2024
	4 MasonryBearingWall-		Allowable & Strength Design of Masonry Bearing Wall Based on TMS 402-16 & 2021 IBC	Masonry	5/17/2024
	5 MasonryColumn-CBC		Masonry Column Design Based on 2022 CBC Chapter A		
	6 MasonryColumn-IBC		Masonry Column Design Based on 2022 CBC Chapter A Masonry Column Design Based on TMS 402-16 & 2021 IBC	Masonry Masonry	5/17/2024 5/17/2024
	7 <u>BeamToWall.xlsb</u>	uso .			5/17/2024
1			Beam to Wall Anchorage Design Based on TMS 402-16 Collector to Wall Connection Design Based on TMS 402-16	Masonry	
				Masonry	5/17/2024
19			Hybrid Masonry Wall Design Based on TMS 402-16	Masonry	5/17/2024
	0 <u>PT-MasonryShearWal</u>		Post-Tensioned Masonry Shear Wall Design Based on TMS 402-16 (SD Method)	Masonry	5/17/2024
	1 <u>MasonryWallOpening</u>		Masonry Shear Wall with Opening Design Using Finite Element Method	Masonry	5/17/2024
	2 <u>MasonryCracking.xlsb</u>		Anticipated Cracking Design of Masonry Wall Based on TMS 402-16	Masonry	5/17/2024
	3 EnhanceExistingColu		Existing Column Enhancement Based on 2015 IEBC, ASCE 41-17 & ACI 318-19/TMS 402-16	Masonry	5/17/2024
2-			Existing Wall Enhancement Based on 2015 IEBC, ASCE 41-17 & ACI 318-19/TMS 402-16	Masonry	5/17/2024
2:		<u>b</u>	Design for Grillage Beam Masonry Wall Based on TMS 402-16	Masonry	5/17/2024
	6 <u>MasonryElement.xlsb</u>		Masonry Plate/Shell Element Design (ASD) Based on 2021 IBC & TMS 402-16	Masonry	5/17/2024
2'		<u>xlsb</u>	Lightly Loaded Column Design Based on TMS 402-16 (UNCRACKED and CRACKED)	Masonry	5/17/2024
1			Wind Analysis Based on ASCE 7-22	Lateral	5/17/2024
2			Seismic Analysis Based on 2021 IBC	Lateral	5/17/2024
3			Wind Analysis Based on ASCE 7-16	Lateral	5/17/2024
4			MCE Level Seismic Design for Metal Pipe/Riser Based on ASCE 7-22 & AISI S100	Lateral	5/17/2024
5			Rotation Analysis of Rigid Diaphragm Based on 2021 IBC / 2022 CBC	Lateral	5/17/2024
6			Flexible Diaphragm Analysis	Lateral	5/17/2024
7		<u>ie.xlsb</u>	Two Story Moment Frame Analysis using Finite Element Method	Lateral	5/17/2024
8			X-Braced Frame Analysis using Finite Element Method	Lateral	5/17/2024
9		<u>sb</u>	Wind Analysis for Open Structure (Solar Panels) Based on ASCE 7-22, 10 & 05	Lateral	5/17/2024
	0 <u>RoofScreenWind.xlsb</u>		Wind Load, on Roof Screen / Roof Equipment, Based on ASCE 7-22, 10 & 05	Lateral	5/17/2024
	1 <u>AxialRoofDeck.xlsb</u>		Axial Capacity of 1 1/2" Type "B" Roof Deck Based on ICBO ER-2078P	Lateral	5/17/2024
	2 <u>DeformationCompatib</u>		Column Deformation Compatibility Design using Finite Element Method	Lateral	E/17/2024
	3 <u>DiscontinuousShearW</u>		Discontinuous Shear Wall Analysis Using Finite Element Method		5/17/2024
	4 FlexibleDiaphragmOp			Lateral	5/17/2024
	5 <u>Handrail.xlsb</u>	ening.xiso	Flexible Diaphragm with an Opening Analysis	Lateral Lateral	5/17/2024 5/17/2024
	6 InteriorWallLateralFo		Handrail Design Based on AISC 360-22 & ACI 318-19	Lateral Lateral Lateral	5/17/2024 5/17/2024 5/17/2024
		rce.xlsb	Handrail Design Based on AISC 360-22 & ACI 318-19 Interior Wall Lateral Forces Based on 2021 IBC / 2022 CBC	Lateral Lateral Lateral Lateral	5/17/2024 5/17/2024
	7 <u>LateralFrameFormula</u>	rce.xlsb	Handrail Design Based on AISC 360-22 & ACI 318-19 Interior Wall Lateral Forces Based on 2021 IBC / 2022 CBC Lateral Frame Formulas	Lateral Lateral Lateral Lateral Lateral	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
	7 <u>LateralFrameFormula</u> 8 <u>LiveLoad.xlsb</u>	rce_xlsb s.xlsb	Handrail Design Based on AISC 360-22 & ACI 318-19 Interior Wall Lateral Forces Based on 2021 IBC / 2022 CBC Lateral Frame Formulas Live Load Reduction Based on ASCE 7-22, 2021 IBC / 2022 CBC	Lateral Lateral Lateral Lateral Lateral Lateral	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
19	7 <u>LateralFrameFormula</u> 8 <u>LiveLoad.xlsb</u> 9 <u>Seismic-SingleFamilyl</u>	rce.xlsb s.xlsb Owellings.xlsb	Handrail Design Based on AISC 360-22 & ACI 318-19 Interior Wall Lateral Forces Based on 2021 IBC / 2022 CBC Lateral Frame Formulas Live Load Reduction Based on ASCE 7-22, 2021 IBC / 2022 CBC Seismic Analysis for Family Dwellings Based on 2021 IBC / 2022 CBC & ASCE 7-22	Lateral Lateral Lateral Lateral Lateral Lateral Lateral	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
19 20	7 <u>LateralFrameFormula</u> 8 <u>LiveLoad.xlsb</u> 9 <u>Seismic-SingleFamilyl</u> 0 <u>ShadeStructureWind.x</u>	rce.xlsb s.xlsb Owellings.xlsb	Handrail Design Based on AISC 360-22 & ACI 318-19 Interior Wall Lateral Forces Based on 2021 IBC / 2022 CBC Lateral Frame Formulas Live Load Reduction Based on ASCE 7-22, 2021 IBC / 2022 CBC Seismic Analysis for Family Dwellings Based on 2021 IBC / 2022 CBC & ASCE 7-22 Wind Analysis for Shade Open Structure Based on ASCE 7-22, 10 & 05	Lateral Lateral Lateral Lateral Lateral Lateral Lateral	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
19 20 2	7 LateralFrameFormula 8 LiveLoad.xlsb 9 Seismic-SingleFamilyi 0 ShadeStructureWind.x 1 ShearWallForces.xlsb	rce.xlsb s.xlsb Owellings.xlsb lsb	Handrail Design Based on AISC 360-22 & ACI 318-19 Interior Wall Lateral Forces Based on 2021 IBC / 2022 CBC Lateral Frame Formulas Live Load Reduction Based on ASCE 7-22, 2021 IBC / 2022 CBC Seismic Analysis for Family Dwellings Based on 2021 IBC / 2022 CBC & ASCE 7-22 Wind Analysis for Shade Open Structure Based on ASCE 7-22, 10 & 05 Shear Wall Analysis for Shear Wall with Opening Using Finite Element Method	Lateral Lateral Lateral Lateral Lateral Lateral Lateral Lateral	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
19 20 2 22	7 LateralFrameFormula 8 LiveLoad.xlsb 9 Seismic-SingleFamilyi 0 ShadeStructureWind.x 1 ShearWallForces.xlsb 2 ShearWall-NewOpenin	rce_xlsb s.xlsb Owellings.xlsb lsb	Handrail Design Based on AISC 360-22 & ACI 318-19 Interior Wall Lateral Forces Based on 2021 IBC / 2022 CBC Lateral Frame Formulas Live Load Reduction Based on ASCE 7-22, 2021 IBC / 2022 CBC Seismic Analysis for Family Dwellings Based on 2021 IBC / 2022 CBC & ASCE 7-22 Wind Analysis for Shade Open Structure Based on ASCE 7-22, 10 & 05 Shear Wall Analysis for Shear Wall with Opening Using Finite Element Method Relative Rigidity Determination for Shear Wall with New Opening	Lateral	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
19 20 21 21 21	7 LateralFrameFormula 8 LiveLoad.xlsb 9 Seismic-SingleFamily\ 5 ShadeStructureWind.x 1 ShearWallForces.xlsb 2 ShearWall-NewOpenii 3 ShearWallRigidity.xlsl	rce_xlsb s.xlsb Owellings.xlsb lsb	Handrail Design Based on AISC 360-22 & ACI 318-19 Interior Wall Lateral Forces Based on 2021 IBC / 2022 CBC Lateral Frame Formulas Live Load Reduction Based on ASCE 7-22, 2021 IBC / 2022 CBC Seismic Analysis for Family Dwellings Based on 2021 IBC / 2022 CBC & ASCE 7-22 Wind Analysis for Shade Open Structure Based on ASCE 7-22, 10 & 05 Shear Wall Analysis for Shear Wall with Opening Using Finite Element Method Relative Rigidity Determination for Shear Wall with New Opening Rigidity for Shear Wall & Shear Wall with Opening Using Finite Element Method	Lateral	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
19 20 21 22 22 24	7 LateralFrameFormula 8 LiveLoad xlsb 9 Seismic-SingleFamilyl 0 ShadeStructureWind.x 1 ShearWallForces.xlsb 2 ShearWall-NewOpenii 3 ShearWallRigidity.xlsl 4 Sign.xlsb	rce_xlsb s.xlsb Owellings.xlsb lsb	Handrail Design Based on AISC 360-22 & ACI 318-19 Interior Wall Lateral Forces Based on 2021 IBC / 2022 CBC Lateral Frame Formulas Live Load Reduction Based on ASCE 7-22, 2021 IBC / 2022 CBC Seismic Analysis for Family Dwellings Based on 2021 IBC / 2022 CBC & ASCE 7-22 Wind Analysis for Shade Open Structure Based on ASCE 7-22, 10 & 05 Shear Wall Analysis for Shear Wall with Opening Using Finite Element Method Relative Rigidity Determination for Shear Wall with New Opening Rigidity for Shear Wall & Shear Wall with Opening Using Finite Element Method Sign Design Based on AISC 360-22, ACI 318-19, and IBC 1807.3	Lateral	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
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20 22 22 22 22 20 22 20 22 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20	7 LateralFrameFormula 8 LiveLoadxIsb 9 Seismic-SingleFamilyl 9 Seismic-SingleFamilyl 10 ShadeStructureWind. 11 ShearWallForces.xlxb 12 ShearWall-NewOpenin 13 ShearWallNewOpenin 13 ShearWallshid 15 SignxIsb 16 SignxIsb 17 WallLateralForce-CB 18 WallLateralForce-CB 18 WallLateralForce-IBC 19 Seismic-ASCET-22 xls 10 Wind-GirtDeflection.xl 11 StorageRacks.xlsb 12 Wind-Alternate.xlsb 13 CeilingSeismic.xlsb 14 ResponseSpectrumGet 15 Tornado-Hurricane.xl	rce xlsb s.xlsb Owellings.xlsb lsb og.xlsb og.xlsb c.xlsb xlsb b.b	Handrail Design Based on AISC 360-22 & ACI 318-19 Interior Wall Lateral Forces Based on 2021 IBC / 2022 CBC Lateral Frame Formulas Live Load Reduction Based on ASCE 7-22, 2021 IBC / 2022 CBC Seismic Analysis for Family Dwellings Based on 2021 IBC / 2022 CBC & ASCE 7-22 Wind Analysis for Shade Open Structure Based on ASCE 7-22, 10 & 05 Shear Wall Analysis for Shear Wall with Opening Using Finite Element Method Relative Rigidity Determination for Shear Wall with New Opening Rigidity for Shear Wall & Shear Wall with Opening Using Finite Element Method Sign Design Based on AISC 360-22, ACI 318-19, and IBC 1807.3 Wind Analysis for Freestanding Wall & Sign Based on ASCE 7-22, 10 & 05 Snow Load Analysis Based on ASCE 7-22, 10, 05, & UBC Lateral Force for One-Story Wall Based on 2022 CBC Lateral Force for One-Story Wall Based on 2021 IBC Seismic Analysis Based on ASCE 7-22 Wind Girt Deflection Analysis of Wood, Metal Stud, and/or Steel Tube Lateral Loads of Storage Racks, with Hilti & Red Head Anchorage, Based on ASCE 7-22 Wind Analysis for Building with 1 < 60 ft, Based on 2021 IBC/ASCE 7-22 Suspended Ceiling Seismic Loads Based on ASCE 7-22 Earthquake Response Spectrum Generator Wind Analysis for Tornado and Hurricane Based on 2021 IBC Section 423 & FEMA 361/320	Lateral	5/17/2024 5/17/2024
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47	<u>LaterDriftCompatibility.xlsb</u>	Lateral Drift Compatibility Analysis using Finite Element Method	Lateral	5/17/2024
48	<u>SlopedDiaphram.xlsb</u>	Seismic Analysis for Sloped Flexible Diaphragm	Lateral	5/17/2024
49	<u>FloorVibration.xlsb</u>	Two-Way Floor Vibration Design Based on The Structural Engineer, Vol. 94-1, 2016	Lateral	5/17/2024
50	<u>RetrofitWeakStory.xlsb</u>	Retrofit Soft, Weak, or Open-Front Story Based on FEMA P807/ASCE 41-17	Lateral	5/17/2024
51	FourStoryMomentFrame.xlsb	Four Story Moment Frame Analysis using Finite Element Method	Lateral	5/17/2024
52	4-LevelShelving.xlsb	Lateral Loads of 4 Level Shelving, with Hilti Anchorage, Based on ASCE 7-22	Lateral	5/17/2024
53	BoxMomentFrame.xlsb	Box Moment Frame Analysis for Enhanced/New Wall Opening	Lateral	5/17/2024
54 55	High-RiseBuilding.xlsb	High-Rise Structural Embedded Design Based on 2022 CBC/2021 IBC	Lateral	5/17/2024
56	Bracing-FlexibleDiaphragm.xlsb BaseIsolatedBuilding.xlsb	Flexible Diaphragm Design with Tension Rod Cross Bracing Base Isolated Building Design Based on ASCE 7-22	Lateral Lateral	5/17/2024
57	CanopyWind.xlsb	Wind Load on Canopy Based on ASCE 7-22 Section 30.9	Lateral	5/17/2024 5/17/2024
58	BinSiloWind.xlsb	Wind Analysis for Bin or Silo, Supported by Columns, Based on ASCE 7-22	Lateral	5/17/2024
59	Circular Wind.xlsb	Wind Analysis for Circular Structure Based on ASCE 7-22	Lateral	5/17/2024
60	Circular Vinaxisis Circular Diaphragm.xlsb	Circular Flexible Diaphragm Analysis	Lateral	5/17/2024
61	NewRoofLoads.xlsb	Support Design, for New Loads on Existing Roof, Based on ASCE 41-17, AISC 360-22 & ACI 318-19	Lateral	5/17/2024
62	ReversedLateralFrame.xlsb	Reversed Lateral Frame Design Based on ASCE 41-17 & 7-22, AISC 360-22 & ACI 318-19	Lateral	5/17/2024
63	ArchRoofWind.xlsb	Wind Analysis for Open Arch Roof Based on ASCE 7-22	Lateral	5/17/2024
64	KBRF.xlsb	Knee Braced Moment Resisting Frame (KBRF) Analysis using Finite Element Method	Lateral	5/17/2024
65	Green-Roof.xlsb	Green Roof Seismic Analysis Based on 2021 IBC, ASCE 41-17 & ASCE 7-22	Lateral	5/17/2024
66	PoleMountClamp.xlsb	Pole Mount Clamp Design Based on ACI 318-19 & AISC 360-22	Lateral	5/17/2024
67	PondingDesign.xlsb	Ponding Design for Roof Beam Based on 2021 IBC, 2022 CBC, & AISC 360-22	Lateral	5/17/2024
68	<u>Typ-Truss.xlsb</u>	Typical Truss Analysis by Finite Element Method Based on 2021 IBC / 2022 CBC	Lateral	5/17/2024
69	<u>Fink-Truss.xlsb</u>	Fink Truss Analysis by Finite Element Method Based on 2021 IBC / 2022 CBC	Lateral	5/17/2024
70	<u>Howe-Truss.xlsb</u>	Howe Truss Analysis by Finite Element Method Based on 2021 IBC / 2022 CBC	Lateral	5/17/2024
71	<u>Attic-Truss.xlsb</u>	Attic Truss Analysis by Finite Element Method Based on 2021 IBC / 2022 CBC	Lateral	5/17/2024
72	Floor-Truss.xlsb	Flat Truss Analysis by Finite Element Method Based on 2021 IBC / 2022 CBC	Lateral	5/17/2024
73	<u>Scissor-Truss.xlsb</u>	Scissor Truss Analysis by Finite Element Method Based on 2021 IBC / 2022 CBC	Lateral	5/17/2024
74	<u>SolarCarport.xlsb</u>	Solar Carport Pole & Footing Design Based on AISC 360-22, ACI 318-19, and 2021 IBC 1807.3	Lateral	5/17/2024
75	<u>TensionOnly-BracedFrame.xlsb</u>	Tension-Only Braced Frame Analysis using Finite Element Method	Lateral	5/17/2024
76	NonbuildingSeismic.xlsb	Nonbuilding Seismic Analysis Based on ASCE 7-22 Chapter 15	Lateral	5/17/2024
77	<u>TwoSpanFrame.xlsb</u>	Two Span Moment Frame Analysis using Finite Element Method	Lateral	5/17/2024
78	<u>SetBackFrame.xlsb</u>	Set Back Moment Frame Analysis using Finite Element Method	Lateral	5/17/2024
79	Container Building xlsb	Container Building Lateral Design Based on 2021 IBC / 2022 CBC & ASCE 7-22	Lateral	5/17/2024
80	BlastLoads.xlsb	Determination of Blast Loads on Buildings Based on BIPS 06/FEMA 426, & UFC 3-340-02	Lateral	5/17/2024
1 2	Aluminum-I-WF-Capacity.xlsb	Aluminum I or WF Member Capacity Based on Aluminum Design Manual 2015 (ADM-I) Aluminum C or CS Member Capacity Based on Aluminum Design Manual 2015 (ADM-I)	Aluminum	5/17/2024
3	Aluminum-C-CS-Capacity.xlsb	Aluminum RT Member Capacity Based on Aluminum Design Manual 2015 (ADM-I)	Aluminum Aluminum	5/17/2024 5/17/2024
4	Aluminum-RT-Capacity.xlsb Aluminum-PIPE-Capacity.xlsb	Aluminum PIPE Member Capacity Based on Aluminum Design Manual 2015 (ADM-I)	Aluminum	5/17/2024
5	StructuralGlass.xlsb	Glass Wall/Window/Stair Design, Based on ASTM E1300, using Finite Element Method	Aluminum	5/17/2024
6	P-Delta-Effect.xlsb	P-Delta Effect Analysis by Finite Element Method	Aluminum	5/17/2024
7	CopperPipe.xlsb	Copper Pipe Design using Finite Element Method	Aluminum	5/17/2024
1	TwoWaySlab.xlsb	Two-Way Slab Design Based on ACI 318-19 using Finite Element Method	Concrete	5/17/2024
2	<u>VoidedBiaxialSlabs.xlsb</u>	Voided Two-Way Slab Design Based on ACI 318-19	Concrete	5/17/2024
3	<u>AnchorageToConcrete.xlsb</u>	Base Plate and Group Anchors Design Based on ACI 318-19 & AISC 360-22	Concrete	5/17/2024
4	<u>AnchorageToPedestal.xlsb</u>	Anchorage to Pedestal Design Based on ACI 318-19 & AISC 360-22	Concrete	5/17/2024
5				
	<u>CircularColumn.xlsb</u>	Circular Column Design Based on ACI 318-19	Concrete	5/17/2024
6	<u>ConcreteColumn.xlsb</u>	Concrete Column Design Based on ACI 318-19	Concrete Concrete	5/17/2024 5/17/2024
6 7	ConcreteColumn.xlsb SuperCompositeColumn.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19	Concrete Concrete	
6 7 8	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A	Concrete Concrete	5/17/2024 5/17/2024 5/17/2024
6 7 8 9	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19	Concrete Concrete Concrete Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19	Concrete Concrete Concrete Concrete Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10	ConcreteColumn.xlsb SuperclaShearWall-CBC.xlsb OrdinaryShearWall-Lxlsb ConcretePool.xlsb Corbel.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on IBC 09 / ACI 318-19	Concrete Concrete Concrete Concrete Concrete Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall-xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on IBC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19	Concrete Concrete Concrete Concrete Concrete Concrete Concrete Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall_xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Cornete Pool Design Based on ACI 318-19 Corbel Design Based on IBC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19	Concrete Concrete Concrete Concrete Concrete Concrete Concrete Concrete Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corpel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on IBC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19	Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OordinaryShearWall.xlsb ConcretePool.xlsb Corpel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19	Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall-xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on ACI 318-19 Corbel Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Design I Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A	Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on ACI 318-19 Corbel Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ASCE 41-17 / 2022 CBC & 2021 IBC	Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on IBC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ASCE 41-17 / 2022 CBC & 2021 IBC Shear Friction Reinforcing Design Based on ACI 318-19	Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on ACI 318-19 Corbel Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ASCE 41-17 / 2022 CBC & 2021 IBC	Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OordinaryShearWall.xlsb ConcretePool.xlsb Corpel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on IBC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19	Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OordinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb CouplingBeam.xlsb DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PT-ConcreteFloor.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ASCE 41-17/2022 CBC & 2021 IBC Shear Friction Reinforcing Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19	Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall-Xlsb ConcretePool.xlsb Corpel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PripeConcreteColumn.xlsb PT-ConcreteFloor.xlsb Punching.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on ACI 318-19 Coupling Based on BBC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on ACI 318-19 Design for Equipment Anchorage Based on ACI 318-19 Design for Equipment Design Based on ACI 318-19 Shear Friction Reinforcing Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19	Concrete	5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteToor.xlsb Punching.xlsb Slab.xlsb Slab.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on AISC 360-22 & ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on IBC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devign for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Shear Friction Reinforcing Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteFloor.xlsb Punching.xlsb Slab.xlsb VoidedSectionCapacity.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Scismic Design For Special Moment Resisting Frame Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb Corplet.xlsb CouplingBeam.xlsb DeepBeam.xlsb DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PT-ConcreteFloor.xlsb Punching.xlsb Slab.xlsb Slab.xlsb VoidedSectionCapacity.xlsb DiaphragmShear.xlsb SypecialShearWall-IBC.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACE 41-17 / 2022 CBC & 2021 IBC Shear Friction Reinforcing Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Secismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 3 24 25 26 27	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PT-ConcreteFloor.xlsb Punching.xlsb Slab.xlsb VoidedSectionCapacity.xlsb DiaphragmShear.xlsb SMRF-ACL.xlsb SpecialShearWall-IBC.xlsb SuspendedAnchorage.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devign for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Dispicated Triction Reinforcing Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 & 2021 IBC Suspended Anchorage to Concrete Based on 2021 IBC & 2022 CBC	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OordinaryShearWall.xlsb ConcretePool.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PT-ConcreteFloor.xlsb Punching.xlsb Slab.xlsb VioledSectionCapacity.xlsb DiaphragmShear.xlsb SypecialShearWall.IBC.xlsb SuspendedAnchorage.xlsb StitupPanel.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on IBC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Sespecial Reinforced Concrete Based on 2021 IBC & 2022 CBC Tilt-up Panel Design based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb Corplet.xlsb CouplingBeam.xlsb DeepBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb Punching.xlsb Slab.xlsb VoidedSectionCapacity.xlsb DiaphragmShear.xlsb SMRT-ACI.xlsb SpecialShearWall-IBC.xlsb SuspendedAnchorage.xlsb TiltupPanel.xlsb Multi-StoryTilt-Up.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on IBC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Seismic Design Based on ACI 318-19 Seismic Design Based on ACI 318-19 Seismic Design For Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Based on 2021 IBC & 2022 CBC Tilt-up Panel Design based on ACI 318-19 Multi-Story Tilt-Up Wall Design Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 7 28 29 30	ConcreteColumn.xlsb SupercCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corbel.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PT-ConcreteFloor.xlsb Punching.xlsb Slab.xlsb Slab.xlsb Slab.xlsb SignarWall.xlsb SyecialShearWall.xlsb SpecialShearWall.xlsb SpecialShearWall.xlsb SpecialShearWall.xlsb SpecialShearWall.xlsb Suspended.dnchorage.xlsb TiltupPanel.xlsb Suspended.dnchorage.xlsb WallPier.xlsb WallPier.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on ACI 318-19 Design for Equipment Anchorage Based on ACI 318-19 Design of Post-Tensioned Concrete Shear Wall Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 6 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corpel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteFloor.xlsb Pru-ConcreteFloor.xlsb Punching.xlsb Slab.xlsb FoidedSectionCapacity.xlsb DiaphragmShear.xlsb SMRF-ACL.xlsb SpecialShearWall-IBC.xlsb SuspendedAnchorage.xlsb Multi-StoryTit-Up.xlsb WallPier.xlsb BeamPenetration.xlsb BeamPenetration.xlsb BeamPenetration.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devign for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design for Fourter Shear Wall Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Wulti-Story Titl-Up Wall Design Based on ACI 318-19 Wulti-Story Titl-Up Wall Design Based on ACI 318-19 Wulti-Story Titl-Up Wall Design Based on ACI 318-19 Wall Pier Design Based on ACI 322 CBC & 2021 IBC Design for Concrete Beam with Penetration Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PT-ConcreteFloor.xlsb Punching.xlsb Substantial Stantial Stanti	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on IBC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Wull Pier Design Based on ACI 318-19 Wull Pier Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 7 18 19 20 21 22 22 23 24 25 26 27 28 29 30 31 31 32 33 33	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb CorplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteFloor.xlsb Punching.xlsb Slab.xlsb VoidedSectionCapacity.xlsb DiaphragmShear.xlsb SMF-ACI.xlsb SpecialShearWall.IBC.xlsb SuspendedAnchorage.xlsb TilupPanel.xlsb Multi-StoryTilt-Up.xlsb WallPier.xlsb BeamPenetration.xlsb ColumnSupportingDiscontinuous.xlsb PlateShellElement.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Seismic Design For Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Based on 2021 IBC & 2022 CBC Tilt-up Panel Design Based on ACI 318-19 Multi-Story Tilt-Up Wall Design Based on ACI 318-19 Wall Pier Design Based on 2022 CBC & 2021 IBC Design for Concrete Beam with Penetration Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 33 34	ConcreteColumn.xlsb SupercCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corbel.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PT-ConcreteFloor.xlsb Punching.xlsb Slab.xlsb Slab.xlsb Slab.xlsb Siab.xlsb SyecialShearWall.xlsb SpecialShearWall-IBC.xlsb Suspended.Anchorage.xlsb TiltupPanel.xlsb WallPier.xlsb BeamPenetration.xlsb PaltesColumnSupportingDiscontinuous.xlsb PlateShellElement.xlsb TransferDiaphragm-Concrete.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Tilt-up Panel Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Tolumn Supporting Discontinuous System Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Concrete Diaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 32 33 34 34 35 36 36 37 38 38 38 38 38 38 38 38 38 38 38 38 38	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteFloor.xlsb PineConcreteFloor.xlsb PineCing.xlsb Slab.xlsb Slab.xlsb SocialShearWall.xlsb SpecialShearWall.xlsb SpecialShearWall.xlsb SpecialShearWall.xlsb SupendedAnchorage.xlsb SupendedAnchorage.xlsb WallPier.xlsb BeamPenetration.xlsb BeamPenetration.xlsb ColumnSupportingDiscontinuous.xlsb PlateShellElement.xlsb TransferDiaphragm.Concrete.xlsb Silo-Chimney-Tower.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Cupling Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Siba Punching Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Multi-Story Tilt-Up Wall Design Based on ACI 318-19 Multi-Story Tilt-Up Wall Design Based on ACI 318-19 Multi-Story Tilt-Up Wall Design Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Concrete Diaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Silo / Chimney / Tower Design Based on ACE 7-22, ACI 318-19 & ACI 313-16	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 36 36 37 36 37 36 37 37 38 37 38 38 38 38 38 38 38 38 38 38 38 38 38	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corpel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteFloor.xlsb Pinching.xlsb Substab VoidedSectionCapacity.xlsb DiaphragmShear.xlsb SMRF-ACL.xlsb SypecialShearWall.BC.xlsb SuspendedAnchorage.xlsb TilnupPanel.xlsb Multi-StoryTilt-Up.xlsb WallPier.xlsb BeamPenetration.xlsb ColumnSupportingDiscontinuous.xlsb PlateShellElement.xlsb TransferDiaphragmConcrete.xlsb Silo-Chimney-Tower.xlsb ConcreteBeam.xlsb ConcreteBeam.xlsb ConcreteBeam.xlsb ConcreteBeam.xlsb ConcreteBeam.xlsb ConcreteBeam.xlsb ConcreteBeam.xlsb ConcreteBeam.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 201 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design for Fost-Tensioned Concrete Floor Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Scismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Wall Pier Design based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Concrete Diaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Bian Design, for New or Existing, Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 26 27 28 29 30 31 33 34 34 35 36 37 36 37 37 37 38 37 37 38 37 38 37 38 37 38 37 37 37 37 37 37 37 37 37 37 37 37 37	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb Corplet.xlsb CorplingBeam.xlsb DeepBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteColum.xlsb PipeConcreteColum.xlsb Slab.xlsb VoidedSectionCapacity.xlsb DiaphragmShear.xlsb SMRT-ACI.xlsb SpecialShearWall.slbC.xlsb SuspendedAnchorage.xlsb TiltupPanel.xlsb Multi-StoryTilt-Up.xlsb WallPier.xlsb BeamPenetration.xlsb ColumnSupportingDiscontinuous.xlsb PlateShellElement.xlsb TransferDiaphragmConcrete.xlsb Silo-Chimney-Tower.xlsb ConcreteEgam.xlsb AnchorageWithCircularBasePlate.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on ACI 318-19 Esisting Concrete Shear Wall Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Based on 2021 IBC & 2022 CBC Tilt-up Panel Design Based on ACI 318-19 Multi-Story Tilt-Up Wall Design Based on ACI 318-19 Wall Pier Design Based on 2022 CBC & 2021 IBC Design for Concrete Beam with Penetration Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19 Anchorage Design, for New or Existing, Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 30 31 32 33 34 35 36 37 38 38 38 38 38 38 38 38 38 38 38 38 38	ConcreteColumn.xlsb SupercCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb Punching.xlsb Slab.xlsb Slab.xlsb Slab.xlsb Slab.xlsb SpecialShearWall-IBC.xlsb Suspended.Anchorage.xlsb TiltupPanel.xlsb Suspended.Anchorage.xlsb TiltupPanel.xlsb BeamPenetration.xlsb ColumnSupportingDiscontinuous.xlsb PlateShellElement.xlsb TransferDiaphragm-Concrete.xlsb Silo-Chimney-Tower.xlsb ConcreteBeam.xlsb DirectCompositeBeam.xlsb DirectCompositeBeam.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Tilt-up Panel Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19 Concrete Diaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Diaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Beam Design, for New or Existing, Based on ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 4 25 26 27 28 29 30 31 32 33 34 35 36 37 37 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteFloor.xlsb PineConcreteFloor.xlsb PineConcreteFloor.xlsb PineConcreteFloor.xlsb Slab.xlsb Slab.xlsb SpecialShearWall.xlsb SpecialShearWall.xlsb SpecialShearWall.xlsb SpecialShearWall.xlsb SupendedAnchorage.xlsb Multi-StoryTilt-Up.xlsb WallPier.xlsb BeamPenetration.xlsb ColumnSupporting Discontinuous.xlsb PlateShellElement.xlsb TransferDiaphragm-Concrete.xlsb Silo-Chimney-Tower.xlsb ConcreteBeam.xlsb DirectCompositeBeam.xlsb DirectCompositeBeam.xlsb CompositeMomentConnection.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Cupling Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Spice Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Anchorage Design, for New or Existing, Based on ACI 318-19 & ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19 & ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19 Composite Moment Connection Design Based on ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 34 35 36 36 37 38 39 39 39 39 39 39 39 39 39 39 39 39 39	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corpel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteFloor.xlsb Punching.xlsb Sida.xlsb VoidedSectionCapacitv.xlsb DiaphragmShear.xlsb SMRF-ACL.xlsb SuspendedAnchorage.xlsb TiltupPanel.xlsb Multi-StoryTilt-Up.xlsb WallPier.xlsb BeamPenetration.xlsb ColumnSupportingDiscontinuous.xlsb PlateShellElement.xlsb Transfer DiaphragmConcrete.xlsb Silo-Chimncy-Tower.xlsb ConcreteBeam.xlsb AnchorageWithCircularBasePlate.xlsb DirectCompositeBeam.xlsb AnchorageWithCircularBasePlate.xlsb DirectCompositeBeam.xlsb MetricBars.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 Special Concrete Shear Wall Design Based on ACI 318-19 Corcrete Pool Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corcrete Pool Design Based on ACI 318-19 Corcrete Pool Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 201 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design for Fution Reinforcing Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Scismic Design for Special Moment Resisting Frame Based on ACI 318-19 Scismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Based on 2021 IBC & 2022 CBC Tilt-up Panel Design Based on ACI 318-19 Multi-Story Tilt-Up Wall Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Multi-Story Tilt-Up Wall Design Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Concrete Beam with Penetration Based on ACI 318-19 Concrete Beam Design For a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Beam Design, with Circular Base Plate, Based on ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19 Flexural & Axial Design for Custom Metric Bars Based	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 32 24 25 26 27 7 28 29 30 31 33 34 35 36 37 37 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb Corplet.xlsb CorplingBeam.xlsb DeepBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb Priction.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb Slab.xlsb VoidedSectionCapacity.xlsb DiaphragmShear.xlsb SMRF-ACI.xlsb SpecialShearWall.slbC.xlsb SuspendedAnchorage.xlsb TiltupPanel.xlsb Multi-StoryTilt-Up.xlsb WallPier.xlsb BeamPenetration.xlsb ColumnSupportingDiscontinuous.xlsb PlateShellElement.xlsb TransferDiaphragmConcrete.xlsb Silo-Chimney-Tower.xlsb ConcreteBeam.xlsb AnchorageWithCircularBasePlate.xlsb DirectCompositeBeam.xlsb CompositeMomentConnection.xlsb MetricBars.xlsb EnhanceExistingBeam.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on ACI 318-19 Design of Post-Tensioned Concrete Shear Wall Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Based on 2021 IBC & 2022 CBC Tilt-up Panel Design Based on ACI 318-19 Multi-Story Tilt-Up Wall Design Based on ACI 318-19 Multi-Story Tilt-Up Wall Design Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Concrete Diaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Biaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Beam Design, for New or Existing, Based on ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19 Flexural & Axial Design for Custom Metric Bars Based on Linear Distr	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 32 44 25 26 27 28 29 30 31 31 32 43 33 34 43 35 36 36 37 38 38 39 49 40 40 40 40 40 40 40 40 40 40 40 40 40	ConcreteColumn.xlsb SupercOmpositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb Punching.xlsb Slab.xlsb Slab.xlsb Slab.xlsb SpecialShearWall-IBC.xlsb Suspended.Anchorage.xlsb TiltupPanel.xlsb Suspended.Anchorage.xlsb WallPier.xlsb BeamPenetration.xlsb ColumnSupportingDiscontinuous.xlsb PlateShellElement.xlsb TransferDiaphragm-Concrete.xlsb Silo-Chimney-Tower.xlsb ConcreteBeam.xlsb Anchorage.WithCircularBasePlate.xlsb DirectCompositeBeam.xlsb MetricBars.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingFloor.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Coupling Beam Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Devilopment & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Based on 2021 IBC & 2022 CBC Tilt-up Panel Design based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Tilt-up Panel Design Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19 Concrete Diaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Beam With Penetration Based on ACI 318-19 Concrete Diaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Beam Design, for New or Existing, Based on ACI 318-19 Concrete Beam Design, for New or Existing, Based on ACI 318-19 Concrete Beam Design, for New or Existing, Based on ACI 318-19 Concrete Beam Design, for New or Existing Based on ACI 318-19 Flexural & Axial Design for C	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 4 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 40 40 40 40 40 40 40 40 40 40 40 40	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteFloor.xlsb PineConcreteFloor.xlsb PineConcreteFloor.xlsb PineConcreteFloor.xlsb Slab.xlsb Slab.xlsb Slab.xlsb SpecialShearWall.xlsb SpecialShearWall.xlsb SpecialShearWall-IBC.xlsb SupendedAnchorage.xlsb WallPier.xlsb BeamPenetration.xlsb ColumnSupporting Discontinuous.xlsb PlateShellElement.xlsb TransferDiaphragm-Concrete.xlsb Silo-Chimney-Tower.xlsb ConcreteBeam.xlsb AnchorageWithCircularBasePlate.xlsb DirectCompositeBeam.xlsb CompositeMomentConnection.xlsb MetricBars.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingFloor.xlsb BearingWall-ICE.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design for Equipment Anchorage Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Suspended Anchorage to Concrete Based on 2021 IBC & 2022 CBC Tilt-up Panel Design based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Concrete Diaphragm Design For a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Beam Design, for New or Existing, Based on ACI 318-19 Concrete Beam Collector Design, without Metal Deck, Based on ACI 318-19 Concrete Beam Collector Design, without Metal Deck, Based on ACI 318-19 Flexural & Axial Design for Custom Metric Bars Based on Innear Distribution of Strain (ACI 318-19) Flexisting	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 6 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 34 40 41 41 42 43 44 44 44 44 44 44 44 44 44 44 44 44	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corplet.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PipeConcreteColumn.xlsb PireConcreteFloor.xlsb Punching.xlsb Slab.xlsb VoidedSectionCapacity.xlsb DiaphragmShear.xlsb SMRF-ACL.xlsb SupendedAnchorage.xlsb TiltupPanel.xlsb Multi-StoryTilt-Up.xlsb WallPier.xlsb BeamPenetration.xlsb ColumnSupportingDiscontinuous.xlsb PlateShellElement.xlsb TransferDiaphragm-Concrete.xlsb Silo-Chimney-Tower.xlsb ConcreteBeam.xlsb AnchorageWithCircularBasePlate.xlsb DirectCompositeBeam.xlsb MetricBars.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingFloor.xlsb BearingWall-ICF.xlsb Lintel-ICF.xlsb Lintel-ICF	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BCI 318-19 Coupling Beam Design Based on ACI 318-19 Coupling Beam Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design for Equipment Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Design of Post-Tensioned Concrete Floor Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Concrete Diaphragm in-plane Shear Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Wulti-Story Tilt-Up wall Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19 Concrete Diaphragm Design for a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Beam with Penetration Based on ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Anchorage Design, with Circular Base Plate, Based on ACI 318-19 Plexural & Axial Design for Custom Metric Bars Based on Linear Distribution of Strain (ACI 318-19	Concrete	5/17/2024 5/17/2024
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 4 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 40 40 40 40 40 40 40 40 40 40 40 40	ConcreteColumn.xlsb SuperCompositeColumn.xlsb SpecialShearWall-CBC.xlsb OrdinaryShearWall.xlsb ConcretePool.xlsb Corbel.xlsb CouplingBeam.xlsb DeepBeam.xlsb Non-DeepBeam.xlsb Non-DeepBeam.xlsb DevelopmentSpliceConcrete.xlsb EquipmentMounting.xlsb EquipmentMounting.xlsb ExistingShearWall.xlsb Friction.xlsb PipeConcreteColumn.xlsb PipeConcreteFloor.xlsb PineConcreteFloor.xlsb PineConcreteFloor.xlsb PineConcreteFloor.xlsb Slab.xlsb Slab.xlsb Slab.xlsb SpecialShearWall.xlsb SpecialShearWall.xlsb SpecialShearWall-IBC.xlsb SupendedAnchorage.xlsb WallPier.xlsb BeamPenetration.xlsb ColumnSupporting Discontinuous.xlsb PlateShellElement.xlsb TransferDiaphragm-Concrete.xlsb Silo-Chimney-Tower.xlsb ConcreteBeam.xlsb AnchorageWithCircularBasePlate.xlsb DirectCompositeBeam.xlsb CompositeMomentConnection.xlsb MetricBars.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingBeam.xlsb EnhanceExistingFloor.xlsb BearingWall-ICE.xlsb	Concrete Column Design Based on ACI 318-19 Super Composite Column Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 & 2022 CBC Chapter A Ordinary Concrete Shear Wall Design Based on ACI 318-19 Concrete Pool Design Based on ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on BC 09 / ACI 318-19 Corbel Design Based on ACI 318-19 Deep Beam Design Based on ACI 318-19 Typical Member Section (Non Deep Beam) Design Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Development & Splice of Reinforcement Based on ACI 318-19 Design for Equipment Anchorage Based on 2021 IBC & 2022 CBC Chapter A Verify Existing Concrete Shear Wall Based on ACI 318-19 Design for Equipment Anchorage Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Pipe Concrete Column Design Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Slab Punching Design Based on ACI 318-19 Concrete Slab Perpendicular Flexure & Shear Capacity Based on ACI 318-19 Voided Section Design Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Seismic Design for Special Moment Resisting Frame Based on ACI 318-19 Special Reinforced Concrete Shear Wall Design Based on ACI 318-19 Suspended Anchorage to Concrete Based on 2021 IBC & 2022 CBC Tilt-up Panel Design based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Wall Pier Design Based on ACI 318-19 Column Supporting Discontinuous System Based on ACI 318-19 Plate/Shell Element Design Based on ACI 318-19 Concrete Diaphragm Design For a Discontinuity of Type 4 out-of-plane offset irregularity Concrete Beam Design, for New or Existing, Based on ACI 318-19 Concrete Beam Collector Design, without Metal Deck, Based on ACI 318-19 Concrete Beam Collector Design, without Metal Deck, Based on ACI 318-19 Flexural & Axial Design for Custom Metric Bars Based on Innear Distribution of Strain (ACI 318-19) Flexisting	Concrete	5/17/2024 5/17/2024

47	CoupledShearWalls.xlsb	Coupled Shear Walls Design Based on ASCE 7-22 & ACI 318-19	Concrete	5/17/2024
48 49	ConcreteStair.xlsb SlabOnWall.xlsb	Concrete Stair Design Based on 2021 IBC & ACI 318-19 Design for Two-Way Concrete Slab on Wall Based on ACI 318-19 using Finite Element Method	Concrete Concrete	5/17/2024 5/17/2024
1	BeamConnection.xlsb	Beam Connection Design Based on AISC 360-22	Steel	5/17/2024
2	AngleCapacity.xlsb	Angle Steel Member Capacity Based on AISC 360-22	Steel	5/17/2024
3	HSS-WF-Capacity.xlsb	Tube, Pipe, or WF Member Capacity Based on AISC 360-22	Steel	5/17/2024
4	<u>MetalStuds.xlsb</u>	Metal Member Design Based on AISI S100-07/SI-10 (2021 IBC) & ESR-3064P	Steel	5/17/2024
5	SMRF-CBC.xlsb	Seismic Design for Special Moment Resisting Frames Based on 2022 CBC	Steel	5/17/2024
6 7	SCBF-Parallel.xlsb	Seismic Design for Special Concentrically Braced Frames Based on CBC/IBC & AISC 341-22	Steel	5/17/2024
8	SCBF-Perpendicular.xlsb ColumnAboveBeam.xlsb	Bracing Connection Design, with Perpendicular Gusset, Based on CBC/IBC & AISC 341-22 Connection Design for Column above Beam, Based on AISC Manual & AISC 360-22	Steel Steel	5/17/2024 5/17/2024
9	BeamGravity.xlsb	Steel Gravity Beam Design Based on AISC 360-22	Steel	5/17/2024
10	BeamWithTorsion.xlsb	WF Simply Supported Beam Design with Torsional Loading Based on AISC 360-22	Steel	5/17/2024
11	<u>HSS-Torsion.xlsb</u>	HSS (Tube, Pipe) Member Design with Torsional Loading Based on AISC 360-22	Steel	5/17/2024
12	<u>FixedBoltedJoint.xlsb</u>	Fixed Bolted Joint, with Beam Sitting on Top of Column, Based on AISC 358-22 8ES/4ES & FEMA-350	Steel	5/17/2024
13	<u>BraceConnection.xlsb</u>	Typical Bracing Connection Capacity Based on AISC 360-22	Steel	5/17/2024
14	BRBF.xlsb	Buckling-Restrained Braced Frames Based on AISC 360-22 & AISC 341-22	Steel	5/17/2024
15 16	BSEP-SMF.xlsb BoltedMomentConnection.xlsb	Bolted Seismic Moment Connection Based on AISC 341-22, 358-22, 360-22 & FEMA-350 Bolted Non-Seismic Moment Connection Based on AISC 341-22, 358-22, 360-22 & FEMA-350	Steel Steel	5/17/2024 5/17/2024
17	Channel Capacity.xlsb	Channel Steel Member Capacity Based on AISC 360-22 Channel Steel Member Capacity Based on AISC 360-22	Steel	5/17/2024
18	CompositeCollectorBeam.xlsb	Composite Collector Beam with Seismic Loads Based on 2022 CBC / 2021 IBC	Steel	5/17/2024
19	CompositeFloorBeam.xlsb	Composite Beam Design Based on AISC Manual 9th	Steel	5/17/2024
20	$\underline{CompositeFloorBeamWithCantilever.xlsb}$	Composite Beam Design Based on AISC 360-22 / 2021 IBC / 2022 CBC	Steel	5/17/2024
21	CompositeFloorGirder.xlsb	Composite Girder Design Based on AISC 360-22 / 2021 IBC / 2022 CBC	Steel	5/17/2024
22	<u>DragConnection.xlsb</u>	Drag Connection Based on AISC 360-22 & AISC 341-22	Steel	5/17/2024
23 24	<u>DragForcesforBraceFrame.xlsb</u> <u>EBF-CBC.xlsb</u>	Drag / Collector Forces for Brace Frame	Steel Steel	5/17/2024
25	EBF-IBC.xlsb	Seismic Design for Eccentrically Braced Frames Based on 2022 CBC & AISC 341-22 Seismic Design for Eccentrically Braced Frames Based on 2021 IBC & AISC 341-22	Steel	5/17/2024 5/17/2024
26	EnhancedCompositeBeam.xlsb	Enhanced Composite Beam Design Based on AISC 360-22 / 2021 IBC / 2022 CBC	Steel	5/17/2024
27	EnhancedSteelBeam.xlsb	Enhanced Steel Beam Design Based on AISC 360-22	Steel	5/17/2024
28	ExteriorMetalStudWall.xlsb	Exterior Metal Stud Wall Design Based on AISI S100-07/SI-10 & ESR-3064P	Steel	5/17/2024
29	FloorDeck.xlsb	Depressed Floor Deck Capacity (Non-Composite)	Steel	5/17/2024
30	<u>GussetGeometry.xlsb</u>	Gusset Plate Dimensions Generator	Steel	5/17/2024
31	MetalShearWall.xlsb MetalShearWallOpening.xlsb	Metal Shear Wall Design Based on AISI S100-07/SI-10, ER-5762 & ESR-3064P	Steel	5/17/2024
32 33	Metal-Z-Purlins.xlsb	Metal Shear Wall with an Opening Based on AISI S100-07/SI-10, ER-5762 & ESR-3064P Metal Z-Purlins Design Based on AISI S100-07/SI-10	Steel Steel	5/17/2024 5/17/2024
34	OCBF-CBC.xlsb	Ordinary Concentrically Braced Frames Based on 2022 CBC & AISC 341-22	Steel	5/17/2024
35	OCBF-IBC.xlsb	Ordinary Concentrically Braced Frames Based on 2021 IBC & AISC 341-22	Steel	5/17/2024
36	<u>CantileverFrame.xlsb</u>	Web-Tapered Cantilever Frame Design Based on AISC-ASD 9th, Appendix F	Steel	5/17/2024
37	OMRF-CBC.xlsb	Intermediate/Ordinary Moment Resisting Frames Based on 2022 CBC	Steel	5/17/2024
38	OMRF-IBC.xlsb	Intermediate/Ordinary Moment Resisting Frames Based on 2021 IBC	Steel	5/17/2024
39	PlateGirder.xlsb	Plate Girder Design Based on AISC 360-22	Steel	5/17/2024
40 41	RectangularSection.xlsb RoofDeck.xlsb	Rectangular Section Member Design Based on AISC 360-22 Design of 1 1/2" Type "B" Roof Deck Based on ICBO ER-2078P	Steel Steel	5/17/2024 5/17/2024
42	BasePlate.xlsb	Base Plate Design Based on AISC 360-22	Steel	5/17/2024
43	SMRF-IBC.xlsb	Special Moment Resisting Frames Based on 2021 IBC, AISC 341-22 & AISC 358-22	Steel	5/17/2024
44	SPSW.xlsb	Seismic Design for Special Plate Shear Wall Based on AISC 341-22 & AISC 360-22	Steel	5/17/2024
45	<u>SteelColumn.xlsb</u>	Steel Column Design Based on AISC 360-22	Steel	5/17/2024
46	<u>SteelStair.xlsb</u>	Steel Stair Design Based on AISC 360-22	Steel	5/17/2024
47	TripleW-Shapes.xlsb	Simply Supported Member of Triple W-Shapes Design Based on AISC 360-22	Steel	5/17/2024
48 49	PortalFrame_xlsb WebTaperedPortal.xlsb	Portal Frame Analysis using Finite Element Method Web Tapered Portal Based on AISC-ASD 9th Appendix F and/or AISC Design Guide 25	Steel Steel	5/17/2024 5/17/2024
50	WebTaperedFrame.xlsb	Web Tapered Fortal Based on AISC-ASD 9th Appendix F and/or AISC Design Guide 25 Web Tapered Frame Based on AISC-ASD 9th Appendix F and/or AISC Design Guide 25	Steel	5/17/2024
51	WebTaperedGirder.xlsb	Web Tapered Girder Design Based on AISC-ASD 9th Appendix F and/or AISC Design Guide 25	Steel	5/17/2024
52	WeldConnection.xlsb	Weld Connection Design Based on AISC 360-22	Steel	5/17/2024
53	WF-Opening.xlsb	Check Capacity of WF Beam at Opening Based on AISC 360-22	Steel	5/17/2024
54	HSS-Opening.xlsb	Check Capacity of HSS Tube Beam at Opening Based on AISC 360-22	Steel	5/17/2024
55	MomentAcrossGirder,xlsb	Design for Fully Restrained Moment Connection across Girder Based on AISC 360-22	Steel	5/17/2024
56	BeamSplice.xlsb	Beam Bolted Splice Design Based on AISC 360-22	Steel	5/17/2024
57 58	<u>FilledCompositeColumn.xlsb</u> <u>CellularBeam.xlsb</u>	Filled Composite Column Design Based on AISC 360-22 & ACI 318-19 Cellular Beam Design Based on AISC 360-22	Steel Steel	5/17/2024 5/17/2024
59	DoubleAngleCapacity.xlsb	Double Angle Capacity Based on AISC 360-22	Steel	5/17/2024
60	T-ShapeCapacity.xlsb	T-Shape Member Capacity Based on AISC 360-22	Steel	5/17/2024
61	CantileverColumn.xlsb	Cantilever Column & Footing Design Based on AISC 360-22, ACI 318-19, and IBC 1807.3	Steel	5/17/2024
62	Truss-Metal.xlsb	Light Gage Truss Design Based on AISI S100-07/SI-10 & ESR-3064P	Steel	5/17/2024
63	SleeveJointConnection.xlsb	Sleeve Joint Connection Design, for Steel Cell Tower / Sign, Based on AISC 360-22	Steel	5/17/2024
64	MomentToColumnWeb.xlsb	Moment Connection Design for Beam to Weak Axis Column Based on AISC 360-22	Steel	5/17/2024
65 66	ConXL.xlsb ThinCompositeBeam.xlsb	Seismic Bi-axial Moment Frame Design Based on AISC 358-22 & ACI 318-19 Thin Composite Beam/Collector Design Based on AISC 360-22 & ACI 318-19	Steel Steel	5/17/2024 5/17/2024
67	BoltConnection.xlsb	Bolt Connection Design Based on AISC 360-22 & ACI 318-19	Steel	5/17/2024
68	SCCS-OCCS.xlsb	Cantilever Column System (SCCS/OCCS) Design Based on AISC 341-22, AISC 360-22 & ACI 318-19	Steel	5/17/2024
69	Non-PrismaticCompositeGirder.xlsb	Non-Prismatic Composite Girder Design Based on AISC 360-22 / 2022 CBC / 2021 IBC	Steel	5/17/2024
70	EndPlateConnection.xlsb	Endplate Splice Moment Connection Based on AISC 341-22, 358-22, 360-22 & FEMA-350	Steel	5/17/2024
71	Z-ProfileTreadRiser.xlsb	Flexure Capacity for Z-Profile Tread and Riser Based on AISC 360-22	Steel	5/17/2024
72	SC-WB.xlsb	Strong-Column Weak-Beam Design Based on AISC 341-22 and AISC 360-22	Steel	5/17/2024
73	C-PSW-CF.xlsb	Composite Plate Shear Wall Design Based on AISC 341-22 & ACI 318-19 - Concrete Filled (C-PSW/CF)	Steel	5/17/2024
74 75	MTBF.xlsb SeismicColumn.xlsb	Multi-Tiered Braced Frame Design Based on AISC 341-22 Filled Composite Column (FCC) Design for C-SMF/C-IMF/C-OCF Based on ASCE 7-22, AISC 341-22 & ACI 318-19	Steel Steel	5/17/2024 5/17/2024
76	SCBF-4-Story.xlsb	Plastic Mechanism Analysis, for Capacity-Limited Horizontal Seismic Load Effect, Based on AISC 341-22 & ACI 318-19	Steel	5/17/2024
77	SCBF-3-Story.xlsb	Plastic Mechanism Analysis, for Capacity-Limited Horizontal Seismic Load Effect, Based on AISC 341-22	Steel	5/17/2024
78	SCBF-2-Story.xlsb	Plastic Mechanism Analysis, for Capacity-Limited Horizontal Seismic Load Effect, Based on AISC 341-22	Steel	5/17/2024
79	<u>T-SMF.xlsb</u>	Double-Tee Connection Design for SMF Based on AISC 341-22, 358-22, 360-22	Steel	5/17/2024
80	<u>SteelCorbel.xlsb</u>	Steel Corbel Design Based on AISC-ASD 9th, Appendix F	Steel	5/17/2024
81	Stiffeners.xlsb	Proportions and Stiffeners Design for I-Shaped Member Based on AISC 360-22	Steel	5/17/2024
82	MomentToTubeColumn.xlsb	Moment Connection Design for Beam to Tube Column Based on AISC 360-22	Steel	5/17/2024
83 84	Prestressed-Steel-Arch.xlsb RoofBentGirder.xlsb	Prestressed Steel Arch Design Based on 2021 IBC/2022 CBC & AISC 360-22 Web-Tapered Roof Girder Design Based on AISC-ASD 9th Appendix F and 2021 IBC/2022 CBC 1605	Steel Steel	5/17/2024 5/17/2024
04	A STATE OF THE STA	1 Tapered Root Guder Design Dased on Also-Asid 7th Appendix F and 2021 IBC/2022 CBC 1003	Sicci	JI 112024

1	Arch-Bridge.xlsb	Arch Bridge Analysis using Finite Element Method	Bridge	5/17/2024
2	Bridge-ConcreteGirder.xlsb	Prestressed Concrete Girder Design for Bridge Structure Based on AASHTO 17th Edition & ACI 318-19	Bridge	5/17/2024
3	Bridge-ConcreteColumn.xlsb	Bridge Column Design Based on AASHTO 17th & ACI 318-19	Bridge	5/17/2024
4	Bridge-BoxSection.xlsb	Bridge Design for Prestressed Concrete Box Section Based on AASHTO 17th Edition & ACI 318-19	Bridge	5/17/2024
5	ConcreteTunnel.xlsb	Concrete Tunnel Design Based on AASHTO-17th & ACI 318-19	Bridge	5/17/2024
6	<u>DoubleTee.xlsb</u>	Prestressed Double Tee Design Based on AASHTO 17th Edition & ACI 318-19	Bridge	5/17/2024
7	BoxCulvert.xlsb	Concrete Box Culvert Design Based on AASHTO 17th Edition & ACI 318-19	Bridge	5/17/2024
8	SteelRoadPlate_xlsb	Steel Road Plate Design Based on AASHTO 17th Edition & AISC 360-22 using Finite Element Method	Bridge	5/17/2024
9	FlangeTaperedGirder.xlsb	Flange Tapered Plate Girder Design Based on AISC 360-22	Bridge	5/17/2024
10	PrestressedConcreteCircularHollowSection.xlsb	Prestressed Concrete Circular Hollow Pole/Pile Design Based on ACI 318-19 & AASHTO 17th	Bridge	5/17/2024
11	<u>Falsework.xlsb</u>	Falsework Design for Steel Girder Bridge Based on NDS 2018 & AASHTO 17th	Bridge	5/17/2024
12	PolygonCapacity.xlsb	Polygon Section Member (Tubular Steel Pole) Design Based on ASCE 48-14	Bridge	5/17/2024
13	<u>Truss-Bridge.xlsb</u>	Truss Analysis using Finite Element Method	Bridge	5/17/2024
14	ConcreteWall-Mount.xlsb	Mounting Design on Concrete Wall/Tunnel Based on FEMA E-74, 2021 IBC, and 2022 CBC Chapter A	Bridge	5/17/2024
15	<u>VehicularBarrierWall.xlsb</u>	Vehicular Barrier Wall Design Based on ASCE 7-22 & ACI 318-19	Bridge	5/17/2024
16	FootbridgeVibration.xlsb	Footbridge Vibration Design Based on The Structural Engineer, Vol. 94-1, 2016	Bridge	5/17/2024
17	MSE-Wall.xlsb	Design of Mechanically Stabilized Earth Wall Based on AASHTO/2021 IBC & TMS 402-16	Bridge	5/17/2024
18	ElastomericBearingBridge.xlsb	Elastomeric Bearing Bridge Analysis using Finite Element Method	Bridge	5/17/2024
19	<u>CableStructure.xlsb</u>	Cable Structure Design Based on ASCE 19-10 & AASHTO 17th	Bridge	5/17/2024
20	<u>WildlifeCrossing.xlsb</u>	Wildlife Crossing Design Based on AASHTO-17th & ACI 318-19	Bridge	5/17/2024
21	<u>ArchBridgeLimits.xlsb</u>	Arch Bridge Limits Analysis Based on ACI 318-19, AISC 360-22 & AASHTO-17th	Bridge	5/17/2024
22	<u>BollardAnchorage.xlsb</u>	Bollard/Flagpole Anchorage Design Based on ACI 318-19	Bridge	5/17/2024
23	Repairing-Bridge.xlsb	Bridge Design and Repair, by Added New Arch, using Finite Element Method	Bridge	5/17/2024
24	<u>Curved-Pipe-Tube.xlsb</u>	Curved Steel HSS (Tube, Pipe) Member Design Based on AISC 360-22	Bridge	5/17/2024
25	<u>ArticulatingConcreteBlock.xlsb</u>	Articulating Concrete Block (ACB) Design Based on NCMA ACB Manual 2nd Edition	Bridge	5/17/2024
26	<u>HybridRetaining.xlsb</u>	Hybrid Retaining Structural Design Based on 2021 IBC/AASHTO, TMS 402-16 & AISC 360-22	Bridge	5/17/2024
27	<u>SuperCompositeGirder.xlsb</u>	Super Composite Girder Design Based on 2022 CBC/2021 IBC, AISC 360-22 & ACI 318-19	Bridge	5/17/2024
28	TowerDrift.xlsb	Tower Drift Analysis for Cable Stayed Bridge by Finite Element Method	Bridge	5/17/2024
29	<u>UndergroundVault.xlsb</u>	Masonry Vault Design Based on 2021 IBC & TMS 402-16	Bridge	5/17/2024
30	<u>HeavyHaulRailway.xlsb</u>	Subgrade Design for Heavy Haul Railway on Soft Soil Based on AASHTO & ACI 318-19	Bridge	5/17/2024
31	<u>UndergroundRectangularBox.xlsb</u>	Underground Rectangular Section Design using Finite Element Method	Bridge	5/17/2024
32	<u>GabionRetainingWall.xlsb</u>	Design of Gabion Retaining Wall Based on AASHTO 17th & 2021 IBC	Bridge	5/17/2024
33	<u>SteelSheetPiling.xlsb</u>	Steel Retaining Wall Design Based on 2021 IBC / 2022 CBC & AISC 360-22	Bridge	5/17/2024
34	<u>CantileverDiaphragm.xlsb</u>	Cantilever Diaphragm Analysis using Tension-Only Braced Frame	Bridge	5/17/2024
35	<u>VehicleSecurityBarrier.xlsb</u>	Vehicle Security Barrier Design Based on AASHTO-17th, 2021 IBC, AISC 341-22, & ACI 318-19	Bridge	5/17/2024
36	<u>FiberWrapColumn.xlsb</u>	Column Repair Design of Carbon Fiber Wrap Based on 2021 IBC, ACI 318-19, & AASHTO-17th	Bridge	5/17/2024
37	<u>PostCompressionStructure.xlsb</u>	Post-Compression Structure Analysis using Finite Element Method	Bridge	5/17/2024
38	<u>HybridSuspensionBridge.xlsb</u>	Hybrid Suspension Bridge Design Based on ASCE 19-10 & AASHTO 17th	Bridge	5/17/2024
39	<u>HeavyLoadsSlab.xlsb</u>	Analysis of Concrete Floor Slabs on Grade Subjected to Heavy Loads Based on AASHTO/ACI 318-19	Bridge	5/17/2024
40	<u>SeismicSlopeStability.xlsb</u>	Seismic Slope Stability Analysis Based on Mononobe-Okabe Method, AASHTO 17th & 2021 IBC	Bridge	5/17/2024
41	FlexiblePipeCover.xlsb	Flexible Pipe Cover Design Based on AASHTO / NCSPA Design Manual	Bridge	5/17/2024
42	CurvedRigidFooting.xlsb	Curved Rigid Footing Design Based on ASCE 41-17 & ACI 318-19	Bridge	5/17/2024
43	CSP-DeepFoundation.xlsb	CSP Deep Foundation Design Based on 2021 IBC, ACI 318-19 & AASHTO 17th	Bridge	5/17/2024

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33 <u>CeilingSeismic.xlsb</u>	Suspended Ceiling Seismic Loads Based on ASCE 7-10	Lateral	5/3/2016
34 <u>ResponseSpectrumGenerator.xlsb</u>	Earthquake Response Spectrum Generator	Lateral	5/3/2016
35 <u>Tornado-Hurricane.xlsb</u>	Wind Analysis for Tornado and Hurricane Based on 2015 IBC Section 423 & FEMA 361/320	Lateral	5/3/2016
36 <u>StiffnessMatrix.xlsb</u>	Stiffness Matrix Generator for Irregular Beam/Column	Lateral	5/3/2016
37 <u>PT-ColumnDrift.xlsb</u>	Lateral Drift Mitigation for Cantilever Column using Post-Tensioning	Lateral	5/3/2016
38 <u>BlastMitigation.xlsb</u>	Blast Deformation Mitigation for Gravity Column using Post-Tensioning	Lateral	5/3/2016
39 Wind-SEAOC-PV2.xlsb	Wind Design for Low-Profile Solar Photovoltaic Arrays on Flat Roof, Based on SEAOC PV2-2012	Lateral	5/3/2016
40 Seismic-vs-Wind.xlsb	Three, Two, and One Story Comparison of Seismic and Wind Based on 2015 IBC / 2013 CBC	Lateral	5/3/2016
41 SC-Frame.xlsb	Self-Centering Lateral Frame Design Based on ASCE 7-10, AISC 360-10 & ACI 318-14	Lateral	5/3/2016
42 UnitConversion.xlsb	Unit Conversions between U.S. Customary System & Metric System	Lateral	5/3/2016
43 GeneralBeam.xlsb	General Beam Analysis	Lateral	5/3/2016
44 Wind-TrussedTower.xlsb	Wind Analysis for Trussed Tower Based on ASCE 7-10	Lateral	5/3/2016
45 PT-Frame.xlsb	Post-Tensioned Lateral Frame Analysis using Finite Element Method	Lateral	5/3/2016
46 External-PT-Beam.xlsb	Beam Strengthening Analysis Using External Post-Tensioning Systems	Lateral	5/3/2016
47 LaterDriftCompatibility.xlsb	Lateral Drift Compatibility Analysis using Finite Element Method	Lateral	5/3/2016
48 SlopedDiaphram.xlsb	Seismic Analysis for Sloped Flexible Diaphragm	Lateral	5/3/2016
49 FloorVibration.xlsb	Two-Way Floor Vibration Design Based on The Structural Engineer, Vol. 94-1, 2016	Lateral	5/3/2016
50 RetrofitWeakStory.xlsb	Retrofit Soft, Weak, or Open-Front Story Based on FEMA P807/ASCE 41-13	Lateral	5/3/2016
51 FourStoryMomentFrame.xlsb	Four Story Moment Frame Analysis using Finite Element Method	Lateral	5/3/2016
52 4-LevelShelving.xlsb	Lateral Loads of 4 Level Shelving, with Hilti Anchorage, Based on ASCE 7-10	Lateral	5/3/2016
53 BoxMomentFrame.xlsb	Box Moment Frame Analysis for Enhanced/New Wall Opening	Lateral	5/25/2016
1 PerforatedShearWall.xlsb	Perforated Shear Wall Design Based on 2015 IBC / 2013 CBC / NDS 2015	Wood	5/12/2016
2 ShearWallOpening.xlsb	Wood Shear Wall with an Opening Based on 2015 IBC / 2013 CBC / NDS 2015	Wood	5/12/2016
3 WoodColumn.xlsb	Wood Post, Wall Stud, or King Stud Design Based on NDS 2015	Wood	5/12/2016
4 GreenCompositeWall.xlsb	Composite Strong Wall Design Based on ACI 318-14, AISI S100/SI-10 & ER-4943P	Wood	5/12/2016
5 WoodBeam.xlsb	Wood Beam Design Based on NDS 2015	Wood	5/12/2016
6 CantileverBeam.xlsb	Wood Beam Design Based on NDS 2015	Wood	5/12/2016
7 Diaphragm-Ledger-CMUWall.xlsb	Connection Design for Wall & Diaphragm Based on 2015 IBC / 2013 CBC	Wood	5/12/2016
8 DoubleJoist.xlsb	Double Joist Design for Equipment Based on NDS 2015, ICC PFC-4354 & PFC-5803	Wood	5/12/2016
9 DragForces.xlsb	Drag / Collector Force Diagram Generator	Wood	5/12/2016
10 EquipmentAnchorage.xlsb	Equipment Anchorage to Wood Roof Based on NDS 2015 / 2015 IBC / 2013 CBC	olhar	×
11 LagScrewsConnection.xlsb	Lag Screw Connection Design Based on NDS 2015		
12 Subdiaphragm.xlsb	Subdiaphragm Design Based on ASCE 7-10 Open Any One	Split Print	+ -
13 ToeNail.xlsb	Toe-Nail Connection Design Based on NDS 2015	_Wood	5/12/2016

