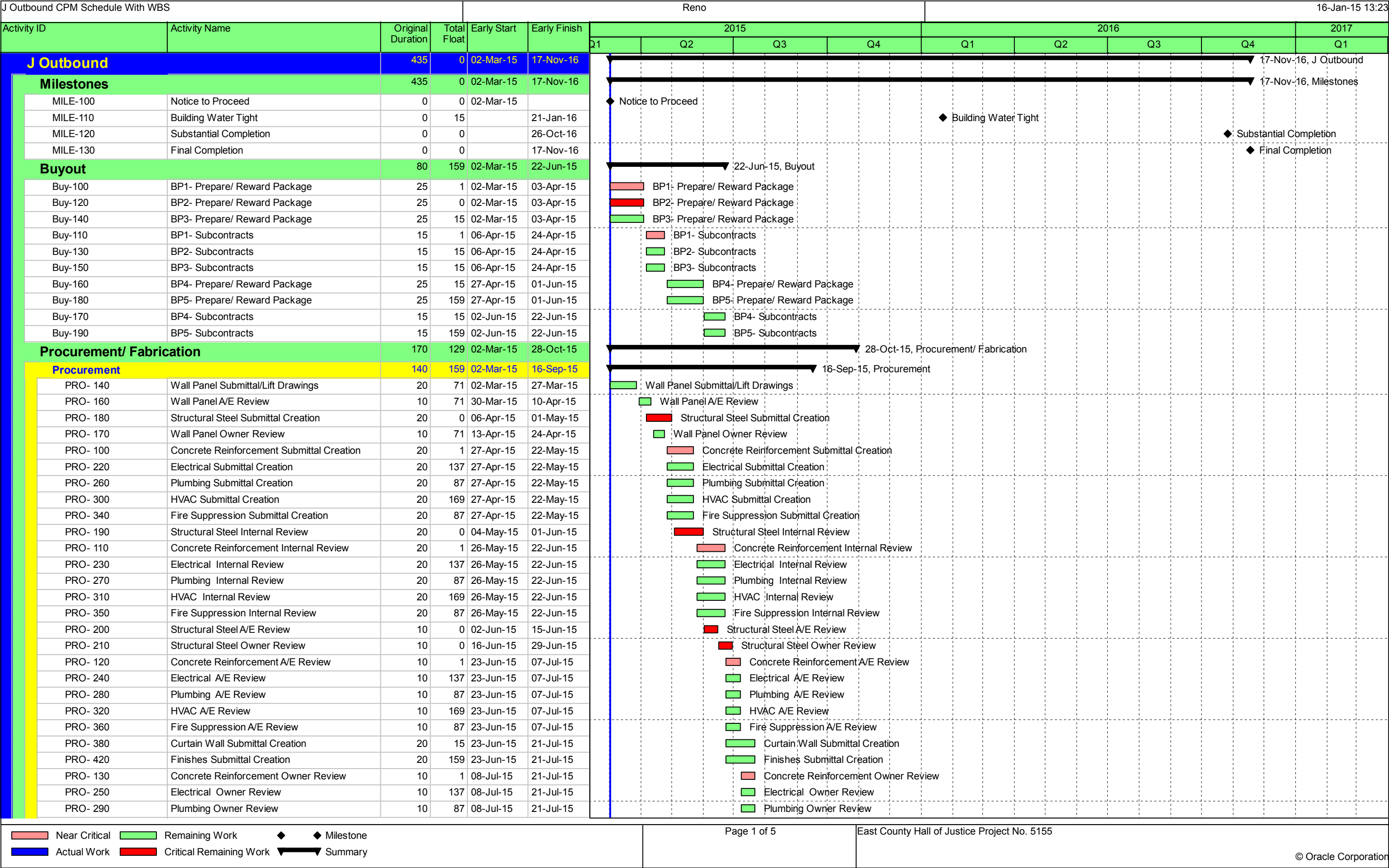




Activity ID		Activity Name	Original Duration	Total Float	Early Start	Early Finish	2015				2016				2017
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
		PRO- 330	HVAC Owner Review	10	169	08-Jul-15	21-Jul-15								
		PRO- 370	Fire Suppression Owner Review	10	87	08-Jul-15	21-Jul-15								
		PRO- 390	Curtain Wall Internal Review	20	15	22-Jul-15	18-Aug-15								
		PRO- 430	Finishes Internal Review	20	159	22-Jul-15	18-Aug-15								
		PRO- 400	Curtain Wall A/E Review	10	15	19-Aug-15	01-Sep-15								
		PRO- 440	Finishes Wall A/E Review	10	159	19-Aug-15	01-Sep-15								
		PRO- 410	Curtain Wall Owner Review	10	15	02-Sep-15	16-Sep-15								
		PRO- 450	Finishes Wall Owner Review	10	159	02-Sep-15	16-Sep-15								
		Fabrication/ Delivery		85	129	30-Jun-15	28-Oct-15								
		FAB -120	Procure Structural Steel	45	0	30-Jun-15	01-Sep-15								
		FAB -100	Procure Electrical Systems	30	137	22-Jul-15	01-Sep-15								
		FAB -110	Procure HVAC	30	169	22-Jul-15	01-Sep-15								
		FAB -140	Concrete Reinforcement	10	1	22-Jul-15	04-Aug-15								
		FAB -130	Procure Glazing	30	15	17-Sep-15	28-Oct-15								
		Foundations		81	69	27-Apr-15	19-Aug-15								
		FND -100	Rough Grade Site	30	25	27-Apr-15	08-Jun-15								
		FND -110	Excavate Footings Phase 1	14	25	09-Jun-15	26-Jun-15								
		FND -120	Excavate Footings Phase 2	9	25	29-Jun-15	10-Jul-15								
		FND -130	R/I Electrical Main	2	104	29-Jun-15	30-Jun-15								
		FND -150	R/I DW Supply	3	87	22-Jul-15	24-Jul-15								
		FND -160	R/I Fire Riser	3	87	22-Jul-15	24-Jul-15								
		FND -140	Form/Reinforce/Set Anchor Spot Footings Phase 1	6	2	05-Aug-15	12-Aug-15								
		FND -170	Form/Reinforce/Set Anchor Spot Footings Phase 2	4	2	13-Aug-15	18-Aug-15								
		FND -180	Pour Footings Phase 1 (Main BLDG)	1	6	13-Aug-15	13-Aug-15								
		FND -190	Pour Footings Phase 2 (Loading Dock)	1	2	19-Aug-15	19-Aug-15								
		Structure		110	120	05-Aug-15	13-Jan-16								
		STRUC-100	Set Panel Inserts/Blockouts/Embeds/Reinforce	1	1	05-Aug-15	05-Aug-15								
		STRUC-110	Pour/Cure Panels Phase 1	10	1	06-Aug-15	19-Aug-15								
		STRUC-120	Sand Blast Footprints Phase 1	9	1	10-Aug-15	20-Aug-15								
		STRUC-130	Pour/Cure Panels Phase 2	8	56	20-Aug-15	31-Aug-15								
		STRUC-140	Tilt Up Panels Phase 1	7	1	21-Aug-15	31-Aug-15								
		STRUC-150	Grout Tilt Up Panels Phase 1	5	44	01-Sep-15	08-Sep-15								
		STRUC-160	Sand Blast Footprints Phase 2	16	56	01-Sep-15	23-Sep-15								
		STRUC-170	Set Structural Steel Main Building	4	0	02-Sep-15	08-Sep-15								
		STRUC-180	Install Main Building Trusses	5	0	09-Sep-15	15-Sep-15								
		STRUC-190	Install 20 Gauge Metal Deck @ Main Building	2	0	16-Sep-15	17-Sep-15								
		STRUC-200	Install Main Building Gutter Steel	2	41	16-Sep-15	17-Sep-15								
		STRUC-210	Frame Cladding Support @ Main Building	5	171	16-Sep-15	22-Sep-15								
		STRUC-220	Exterior Metal Panel Framing	10	44	18-Sep-15	01-Oct-15								
		STRUC-230	Aggregate for Building Pad and North Site	1	44	24-Sep-15	24-Sep-15								
		STRUC-240	Tilt Up Panels Phase 2	4	56	24-Sep-15	29-Sep-15								
		STRUC-250	Vapor Barrier	1	44	25-Sep-15	25-Sep-15								
		STRUC-260	Pour/ Cure Main Building S.O.G.	5	44	28-Sep-15	02-Oct-15								
		STRUC-270	Set Structural Steel Loading Dock	5	56	30-Sep-15	06-Oct-15								
		STRUC-280	Grout Tilt Up Panels Phase2	3	120	30-Sep-15	02-Oct-15								
		STRUC-290	Protect Concrete Floors	1	44	05-Oct-15	05-Oct-15								

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	2015				2016				2017
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
STRUC-300	Install Loading Dock Joists	7	56	07-Oct-15	15-Oct-15					■ Install Loading Dock Joists				
STRUC-310	Install 18 Gauge Deck Over Loading Dock	3	135	16-Oct-15	20-Oct-15					■ Install 18 Gauge Deck Over Loading Dock				
STRUC-320	Install Loading Dock Trellis Tube Steel	5	56	16-Oct-15	22-Oct-15					■ Install Loading Dock Trellis Tube Steel				
STRUC-330	Install Loading Dock Trellis	3	56	23-Oct-15	27-Oct-15					■ Install Loading Dock Trellis				
STRUC-340	Install Security Fence	10	120	30-Dec-15	13-Jan-16					■ Install Security Fence				
Skin/Exterior/Roof		84	130	18-Sep-15	21-Jan-16					21-Jan-16, Skin/Exterior/Roof				
Skin		74	109	02-Oct-15	21-Jan-16					21-Jan-16, Skin				
EXT-170	Install Perforated Metal Panels Main Building	20	44	02-Oct-15	29-Oct-15					■ Install Perforated Metal Panels Main Building				
EXT-220	Install Glazing Connectors	15	15	29-Oct-15	19-Nov-15					■ Install Glazing Connectors				
EXT-120	Install Perforated Metal Metal Panel @ Gutter	15	54	30-Oct-15	20-Nov-15					■ Install Perforated Metal Metal Panel @ Gutter Awning				
EXT-100	Install Glazing	25	15	20-Nov-15	29-Dec-15					■ Install Glazing				
EXT-230	Install Perforated Metal Panels At Loading Doc	35	113	23-Nov-15	14-Jan-16					■ Install Perforated Metal Panels At Loading Dock				
EXT-160	Install Punch Windows	15	15	30-Dec-15	21-Jan-16					■ Install Punch Windows				
Roof		56	158	18-Sep-15	09-Dec-15					09-Dec-15, Roof				
EXT-110	Install Roof Hatch	3	0	18-Sep-15	22-Sep-15					■ Install Roof Hatch				
EXT-130	Install Scuppers	10	64	18-Sep-15	01-Oct-15					■ Install Scuppers				
EXT-210	Install Roof Drains	3	71	18-Sep-15	22-Sep-15					■ Install Roof Drains				
EXT-140	Install Tubular Skylights	5	0	23-Sep-15	29-Sep-15					■ Install Tubular Skylights				
EXT-190	Install Venting/Openings	3	0	30-Sep-15	02-Oct-15					■ Install Venting/Openings				
EXT-150	Install Insulated Roofing System	10	44	30-Oct-15	13-Nov-15					■ Install Insulated Roofing System				
EXT-180	Install Non-Insulated Roofing System	15	44	16-Nov-15	08-Dec-15					■ Install Non-Insulated Roofing System				
EXT-200	Install Weather Head	1	173	16-Nov-15	16-Nov-15					■ Install Weather Head				
EXT-250	Install Metal Cladding Main Building Soffit	15	133	17-Nov-15	09-Dec-15					■ Install Metal Cladding Main Building Soffit				
Rough-Ins		138	40	05-Oct-15	22-Apr-16					22-Apr-16, Rough-Ins				
Wall		108	19	17-Nov-15	22-Apr-16					22-Apr-16, Wall				
R/I-180	Frame Column Covers	5	117	17-Nov-15	23-Nov-15					■ Frame Column Covers				
R/I-190	Install CMU Walls	15	0	17-Nov-15	09-Dec-15					■ Install CMU Walls				
R/I-170	R/I Electrical- Columns	5	117	24-Nov-15	02-Dec-15					■ R/I Electrical- Columns				
R/I -100	Frame Interior Walls	10	0	10-Dec-15	23-Dec-15					■ Frame Interior Walls				
R/I-110	R/I Plumbing- Walls	10	0	24-Dec-15	08-Jan-16					■ R/I Plumbing- Walls				
R/I-130	R/I Electrical and Low Voltage- Walls	20	0	11-Jan-16	08-Feb-16					■ R/I Electrical and Low Voltage- Walls				
R/I-220	Insulate Walls	10	15	22-Jan-16	04-Feb-16					■ Insulate Walls				
R/I-140	Install Fire Riser	3	0	09-Feb-16	11-Feb-16					■ Install Fire Riser				
R/I-120	Install Wall Backing	5	0	12-Feb-16	19-Feb-16					■ Install Wall Backing				
R/I-160	Install Interior Door Frames	8	0	17-Feb-16	26-Feb-16					■ Install Interior Door Frames				
R/I-150	Hang and Tape Drywall	15	0	29-Feb-16	18-Mar-16					■ Hang and Tape Drywall				
R/I-210	Tape and Finish Drywall	25	0	21-Mar-16	22-Apr-16					■ Tape and Finish Drywall				
Ceiling		103	75	05-Oct-15	04-Mar-16					04-Mar-16, Ceiling				
R/I Ceiling-100	R/I Mechanical	10	0	05-Oct-15	16-Oct-15					■ R/I Mechanical				
R/I Ceiling-110	R/I Fire Suppression	10	0	19-Oct-15	30-Oct-15					■ R/I Fire Suppression				
R/I Ceiling-120	R/I Electrical/ Low Voltage	10	0	02-Nov-15	16-Nov-15					■ R/I Electrical/ Low Voltage				
R/I Ceiling-130	R/I Baffle Ceiling Support	6	117	24-Dec-15	04-Jan-16					■ R/I Baffle Ceiling Support				
R/I Ceiling-150	Frame Hardlid Ceiling	10	80	24-Dec-15	08-Jan-16					■ Frame Hardlid Ceiling				
R/I Ceiling-160	Install Ceiling Access Panels	3	80	11-Jan-16	13-Jan-16					■ Install Ceiling Access Panels				
R/I Ceiling-170	Hardlid Drywall	10	75	22-Jan-16	04-Feb-16					■ Hardlid Drywall				
R/I Ceiling-180	Tape and Finish Hardlid	20	75	05-Feb-16	04-Mar-16					■ Tape and Finish Hardlid				

Activity ID		Activity Name	Original Duration	Total Float	Early Start	Early Finish	2015				2016				2017		
							Q1	Q2		Q3	Q4	Q1	Q2	Q3	Q4	Q1	
Electrical/Mechanical Spaces-1			90	72	04-Jan-16	10-May-16							10-May-16, Electrical/Mechanical Spaces-1				
Electrical Space			48	42	22-Jan-16	30-Mar-16							30-Mar-16, Electrical Space				
ELEC-130	Install Main Switch Gear	10	42	22-Jan-16	04-Feb-16								Install Main Switch Gear				
ELEC-100	Install Step Down Transformer	10	42	05-Feb-16	19-Feb-16								Install Step Down Transformer				
ELEC-110	Install Distribution Panels	10	42	22-Feb-16	04-Mar-16								Install Distribution Panels				
ELEC-140	R/I High Voltage Feed	5	42	07-Mar-16	11-Mar-16								R/I High Voltage Feed				
ELEC-120	R/I Secondary Power Source	3	42	14-Mar-16	16-Mar-16								R/I Secondary Power Source				
ELEC-160	Land Main Power Feed	2	42	17-Mar-16	18-Mar-16								Land Main Power Feed				
ELEC-150	Land Transformer Connection	2	42	21-Mar-16	22-Mar-16								Land Transformer Connection				
ELEC-170	Land Distribution Panels	3	42	23-Mar-16	25-Mar-16								Land Distribution Panels				
ELEC-180	Energize Building	2	42	28-Mar-16	29-Mar-16								Energize Building				
ELEC-190	Energize Lights	1	42	30-Mar-16	30-Mar-16								Energize Lights				
Mechanical Space			75	87	04-Jan-16	19-Apr-16							19-Apr-16, Mechanical Space				
Mech-100	Install AHU	15	87	04-Jan-16	25-Jan-16								Install AHU				
Mech-130	Install Cooling Tower	15	87	26-Jan-16	16-Feb-16								Install Cooling Tower				
Mech-150	Install Boiler	10	87	17-Feb-16	01-Mar-16								Install Boiler				
Mech-120	R/I Branch Supply/Return Hydronic	35	87	02-Mar-16	19-Apr-16								R/I Branch Supply/Return Hydronic				
Fire Alarm Space			12	38	25-Apr-16	10-May-16							10-May-16, Fire Alarm Space				
FA-110	Install Fire Alarm Panel	10	38	25-Apr-16	06-May-16								Install Fire Alarm Panel				
FA-130	Land Final Connections	2	38	09-May-16	10-May-16								Land Final Connections				
Finishes			88	31	07-Mar-16	08-Jul-16							08-Jul-16, Finishes				
Wall			83	31	14-Mar-16	08-Jul-16							08-Jul-16, Wall				
FIN WALL-100	Install Detention Equipment	15	80	14-Mar-16	01-Apr-16								Install Detention Equipment				
FIN WALL-110	Paint Walls	10	0	25-Apr-16	06-May-16								Paint Walls				
FIN WALL-120	Install Millwork	15	0	09-May-16	27-May-16								Install Millwork				
FIN WALL-130	Install Plumbing Fixtures	15	12	09-May-16	27-May-16								Install Plumbing Fixtures				
FIN WALL-140	Hang Painted Interior Doors	10	39	09-May-16	20-May-16								Hang Painted Interior Doors				
FIN WALL-150	Install Signage	15	25	09-May-16	27-May-16								Install Signage				
FIN WALL-160	Install Door Hardware	25	39	23-May-16	27-Jun-16								Install Door Hardware				
FIN WALL-170	Trim Electrical	25	0	31-May-16	05-Jul-16								Trim Electrical				
FIN WALL-180	Install Toilet Partitions	25	12	31-May-16	05-Jul-16								Install Toilet Partitions				
FIN WALL-190	Seal Concrete Floors	10	25	31-May-16	13-Jun-16								Seal Concrete Floors				
FIN WALL-200	Install Wall Base	5	25	14-Jun-16	20-Jun-16								Install Wall Base				
FIN WALL-210	Install Bathroom Accessories	3	12	06-Jul-16	08-Jul-16								Install Bathroom Accessories				
Ceiling			60	40	07-Mar-16	27-May-16							27-May-16, Ceiling				
FIN CEIL-100	Paint Hardlid Ceiling	5	75	07-Mar-16	11-Mar-16								Paint Hardlid Ceiling				
FIN CEIL-110	Trim Tubular Skylights	5	90	14-Mar-16	18-Mar-16								Trim Tubular Skylights				
FIN CEIL-120	Install Baffle Ceiling	5	30	09-May-16	13-May-16								Install Baffle Ceiling				
FIN CEIL-130	Install Column Covers	5	50	09-May-16	13-May-16								Install Column Covers				
FIN CEIL-140	Install Exterior Metal Cladding Soffit	5	30	09-May-16	13-May-16								Install Exterior Metal Cladding Soffit				
FIN CEIL-150	Install Lighting	5	30	16-May-16	20-May-16								Install Lighting				
FIN CEIL-160	Trim Mechanical	5	30	16-May-16	20-May-16								Trim Mechanical				
FIN CEIL-170	Trim Fire Sprinkler	5	30	16-May-16	20-May-16								Trim Fire Sprinkler				
FIN CEIL-180	Install Window Shades	5	40	23-May-16	27-May-16								Install Window Shades				
Sitework			105	196	09-Sep-15	10-Feb-16							10-Feb-16, Sitework				
Phase 1 Main Building			105	116	09-Sep-15	10-Feb-16							10-Feb-16, Phase 1 Main Building				

J Outbound CPM Schedule With WBS					Reno					16-Jan-15 13:23							
Activity ID		Activity Name	Original Duration	Total Float	Early Start	Early Finish	2015				2016				2017		
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1		
		SITE BLD-100	Water Proof Tilt Up Panels Phase 1	3	44	09-Sep-15	11-Sep-15										
		SITE BLD-110	Install Drain Pipe Phase 1	5	44	14-Sep-15	18-Sep-15										
		SITE BLD-120	Backfill Tilt Up Phase 1	3	44	21-Sep-15	23-Sep-15										
		SITE BLD-130	Form/ Reinforce and Place Equipment Pad's	2	87	30-Dec-15	31-Dec-15										
		SITE BLD-140	Form/ Reinforce/ Place Ramp Stair Footings	3	116	30-Dec-15	04-Jan-16										
		SITE BLD-150	Form/Reinforce/Place Ramp J1-R Walls	5	116	05-Jan-16	11-Jan-16										
		SITE BLD-160	Form/Reinforce/Place Ramp JR-1	2	116	12-Jan-16	13-Jan-16										
		SITE BLD-170	Form/ Reinforce/ Place Exterior SOG	3	116	14-Jan-16	19-Jan-16										
		SITE BLD-180	Install BioSwale East	3	116	20-Jan-16	22-Jan-16										
		SITE BLD-190	Install BioSwale West	3	116	25-Jan-16	27-Jan-16										
		SITE BLD-200	Form/ Reinforce and Place Stair J1-S	5	116	28-Jan-16	03-Feb-16										
		SITE BLD-210	Install Hose Bib at BioSwale West	1	125	28-Jan-16	28-Jan-16										
		SITE BLD-220	Install Guardrail at Ramps	5	116	04-Feb-16	10-Feb-16										
		Phase2 Truck Dock and Apron			75	208	05-Oct-15	25-Jan-16									
		SITE APRON-100	Water Proof Tilt Up Panels Phase 2	3	120	05-Oct-15	07-Oct-15										
		SITE APRON-110	Install Drain Pipe Phase 2	5	120	08-Oct-15	14-Oct-15										
		SITE APRON-120	Backfill Tilt Up Phase 2	10	120	15-Oct-15	28-Oct-15										
		SITE APRON-130	Form/ Reinforce/ Place Truck Dock Wall Foot	5	120	29-Oct-15	04-Nov-15										
		SITE APRON-140	Form/ Reinforce/ Place Truck Dock Walls	15	120	05-Nov-15	30-Nov-15										
		SITE APRON-150	Form/Reinforce/Place Ramp J2-R Walls	5	135	01-Dec-15	07-Dec-15										
		SITE APRON-160	Fine Grade Truck Dock	5	120	01-Dec-15	07-Dec-15										
		SITE APRON-170	Form/ Reinforce/ Place Stair J2-S	5	240	01-Dec-15	07-Dec-15										
		SITE APRON-180	Install Bollards Phase	3	120	08-Dec-15	10-Dec-15										
		SITE APRON-190	Form/Reinforce/Place Ramp J2-1	4	236	08-Dec-15	11-Dec-15										
		SITE APRON-200	Fine Grade Truck Apron	5	215	08-Dec-15	14-Dec-15										
		SITE APRON-210	R/I Forklift Charger Electrical	2	131	08-Dec-15	09-Dec-15										
		SITE APRON-220	Form/ Reinforce/ Place Truck Dock	10	120	11-Dec-15	24-Dec-15										
		SITE APRON-230	Install Trench Train	10	215	15-Dec-15	29-Dec-15										
		SITE APRON-240	Install Eyewash Station	1	226	28-Dec-15	28-Dec-15										
		SITE APRON-250	Install Forklift Charger	2	120	28-Dec-15	29-Dec-15										
		SITE APRON-260	Form/ Reinforce/ Place Apron Concrete	10	215	30-Dec-15	13-Jan-16										
		SITE APRON-270	Install Dock Equipment	6	113	15-Jan-16	25-Jan-16										
Closeout			100	0	28-Jun-16	17-Nov-16											
CLOSE-100	Initiate Building Air	1	39	28-Jun-16	28-Jun-16												
CLOSE-110	Balance Air	30	39	29-Jun-16	10-Aug-16												
CLOSE-120	Equipment Functional Testing	15	0	06-Jul-16	26-Jul-16												
CLOSE-130	HP Internal Punchlist	35	0	27-Jul-16	14-Sep-16												
CLOSE-140	Test Fire Alarm	30	15	27-Jul-16	07-Sep-16												
CLOSE-150	Commissioning	30	39	11-Aug-16	22-Sep-16												
CLOSE-160	Fire Marshall Signoff	20	15	08-Sep-16	05-Oct-16												
CLOSE-170	Owner Punchlist	30	0	15-Sep-16	26-Oct-16												
CLOSE-180	Owner Punchlist Acceptance	15	0	27-Oct-16	17-Nov-16												

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	2015			2016				2017		
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1		
J Annex		387	0	07-May-15	17-Nov-16	17-Nov-16, J Annex									
J Annex		387	0	07-May-15	17-Nov-16	17-Nov-16, J Annex									
Milestones		387	0	07-May-15	17-Nov-16	17-Nov-16, Milestones									
MILE-100	Notice to Proceed	0	0	07-May-15		◆ Notice to Proceed									
MILE-110	Building Water Tight	0	0		05-May-16	◆ Building Water Tight									
MILE-120	Substantial Completion	0	0		28-Oct-16	◆ Substantial Completion									
MILE-130	Final Completion	0	0		17-Nov-16	◆ Final Completion									
Design		160	16	07-May-15	24-Dec-15	24-Dec-15, Design									
DES-100	DP1- Foundations/ Site Utilities	60	12	07-May-15	31-Jul-15	DP1- Foundations/ Site Utilities									
DES-110	DP2- Structural/Tilt Up	60	0	07-May-15	31-Jul-15	DP2- Structural/Tilt Up									
DES-120	DP-3 Framing/ Skin/ R/I Utilities	70	16	07-May-15	14-Aug-15	DP-3 Framing/ Skin/ R/I Utilities									
DES-130	DP4 -Finishes Design Package	90	16	17-Aug-15	24-Dec-15	DP4 -Finishes Design Package									
Procurement/ Fabrication		220	48	07-May-15	23-Mar-16	23-Mar-16, Procurement/ Fabrication									
Procurement		220	16	07-May-15	23-Mar-16	23-Mar-16, Procurement									
PRO- 810	Owner Trailer Submittal	10	102	07-May-15	20-May-15	Owner Trailer Submittal									
PRO- 460	Concrete Reinforcement Submittal Creation	20	12	03-Aug-15	28-Aug-15	Concrete Reinforcement Submittal Creation									
PRO- 500	Wall Panel Submittal/Lift Drawings	20	42	03-Aug-15	28-Aug-15	Wall Panel Submittal/Lift Drawings									
PRO- 530	Structural Steel Submittal Creation	20	0	03-Aug-15	28-Aug-15	Structural Steel Submittal Creation									
PRO- 570	Electrical Submittal Creation	20	105	17-Aug-15	14-Sep-15	Electrical Submittal Creation									
PRO- 610	Plumbing Submittal Creation	20	35	17-Aug-15	14-Sep-15	Plumbing Submittal Creation									
PRO- 650	HVAC Submittal Creation	20	78	17-Aug-15	14-Sep-15	HVAC Submittal Creation									
PRO- 690	Fire Suppression Submittal Creation	20	96	17-Aug-15	14-Sep-15	Fire Suppression Submittal Creation									
PRO- 730	Curtain Wall Submittal Creation	20	33	17-Aug-15	14-Sep-15	Curtain Wall Submittal Creation									
PRO- 470	Concrete Reinforcement Internal Review	20	12	31-Aug-15	28-Sep-15	Concrete Reinforcement Internal Review									
PRO- 510	Wall Panel A/E Review	10	42	31-Aug-15	14-Sep-15	Wall Panel A/E Review									
PRO- 540	Structural Steel Internal Review	20	0	31-Aug-15	28-Sep-15	Structural Steel Internal Review									
PRO- 520	Wall Panel Owner Review	10	42	15-Sep-15	28-Sep-15	Wall Panel Owner Review									
PRO- 580	Electrical Internal Review	20	105	15-Sep-15	12-Oct-15	Electrical Internal Review									
PRO- 620	Plumbing Internal Review	20	35	15-Sep-15	12-Oct-15	Plumbing Internal Review									
PRO- 660	HVAC Internal Review	20	78	15-Sep-15	12-Oct-15	HVAC Internal Review									
PRO- 700	Fire Suppression Internal Review	20	96	15-Sep-15	12-Oct-15	Fire Suppression Internal Review									
PRO- 740	Curtain Wall Internal Review	20	33	15-Sep-15	12-Oct-15	Curtain Wall Internal Review									
PRO- 480	Concrete Reinforcement A/E Review	10	12	29-Sep-15	12-Oct-15	Concrete Reinforcement A/E Review									
PRO- 550	Structural Steel A/E Review	10	0	29-Sep-15	12-Oct-15	Structural Steel A/E Review									
PRO- 490	Concrete Reinforcement Owner Review	10	12	13-Oct-15	26-Oct-15	Concrete Reinforcement Owner Review									
PRO- 560	Structural Steel Owner Review	10	0	13-Oct-15	26-Oct-15	Structural Steel Owner Review									
PRO- 590	Electrical A/E Review	10	105	13-Oct-15	26-Oct-15	Electrical A/E Review									
PRO- 630	Plumbing A/E Review	10	35	13-Oct-15	26-Oct-15	Plumbing A/E Review									
PRO- 670	HVAC A/E Review	10	78	13-Oct-15	26-Oct-15	HVAC A/E Review									
PRO- 710	Fire Suppression A/E Review	10	96	13-Oct-15	26-Oct-15	Fire Suppression A/E Review									
PRO- 750	Curtain Wall A/E Review	10	33	13-Oct-15	26-Oct-15	Curtain Wall A/E Review									
PRO- 600	Electrical Owner Review	10	105	27-Oct-15	09-Nov-15	Electrical Owner Review									
PRO- 640	Plumbing Owner Review	10	35	27-Oct-15	09-Nov-15	Plumbing Owner Review									
PRO- 680	HVAC Owner Review	10	78	27-Oct-15	09-Nov-15	HVAC Owner Review									
PRO- 720	Fire Suppression Owner Review	10	96	27-Oct-15	09-Nov-15	Fire Suppression Owner Review									
PRO- 760	Curtain Wall Owner Review	10	33	27-Oct-15	09-Nov-15	Curtain Wall Owner Review									

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	2015				2016				2017
						Q2	Q3	Q4		Q1	Q2	Q3	Q4	Q1
PRO- 770	Finishes Submittal Creation	20	16	28-Dec-15	26-Jan-16									
PRO- 780	Finishes Internal Review	20	16	27-Jan-16	24-Feb-16									
PRO- 790	Finishes Wall A/E Review	10	16	25-Feb-16	09-Mar-16									
PRO- 800	Finishes Wall Owner Review	10	16	10-Mar-16	23-Mar-16									
Fabrication/ Delivery		180	78	21-May-15	09-Feb-16	09-Feb-16, Fabrication/ Delivery								
FAB -200	Procure and Install Trailer	20	102	21-May-15	18-Jun-15									
FAB -170	Procure Structural Steel	45	0	27-Oct-15	04-Jan-16									
FAB -190	Concrete Reinforcement	10	12	27-Oct-15	09-Nov-15									
FAB -150	Procure Electrical Systems	30	105	10-Nov-15	24-Dec-15									
FAB -160	Procure Mechanical Equipment	60	78	10-Nov-15	09-Feb-16									
FAB -180	Procure Glazing	30	33	10-Nov-15	24-Dec-15									
Foundations		88	26	03-Aug-15	08-Dec-15	08-Dec-15, Foundations								
FND -220	Grade Site	10	72	03-Aug-15	14-Aug-15									
FND -230	Excavate Footings Phase 1	6	72	17-Aug-15	24-Aug-15									
FND -310	R/I Electrical Main	1	72	25-Aug-15	25-Aug-15									
FND -240	Form/Reinforce/Set Anchor Bolts Footings	8	19	10-Nov-15	20-Nov-15									
FND -270	Pour Footings Phase 1	1	26	23-Nov-15	23-Nov-15									
FND -290	Excavate Footing For Canopy	3	26	24-Nov-15	30-Nov-15									
FND -300	Form/ Reinforce/ Place Footing Canopy	6	26	01-Dec-15	08-Dec-15									
Structure		62	0	10-Nov-15	11-Feb-16	11-Feb-16, Structure								
STRUC-100	Set Panel Inserts/Blockouts/Embeds/Reinforce	1	12	10-Nov-15	10-Nov-15									
STRUC-110	Pour/Cure Panels J Annex	14	12	12-Nov-15	03-Dec-15									
STRUC-120	Set Tilt Up Panels	3	12	04-Dec-15	08-Dec-15									
STRUC-140	Grout Panels	5	12	09-Dec-15	15-Dec-15									
STRUC-130	Set Structural Steel/ Joists	6	0	05-Jan-16	12-Jan-16									
STRUC-150	Decking Main Building	3	0	13-Jan-16	15-Jan-16									
STRUC-160	Structural Steel Canopy	5	0	19-Jan-16	25-Jan-16									
STRUC-170	Canopy Steel Joist and Decking	3	0	26-Jan-16	28-Jan-16									
STRUC-180	Misc Metals Canopy	5	0	29-Jan-16	04-Feb-16									
STRUC-190	Steel Canopy Walkway	5	0	05-Feb-16	11-Feb-16									
Skin/Exterior/Roof		43	33	12-Feb-16	13-Apr-16	13-Apr-16, Skin/Exterior/Roof								
Skin		19	16	12-Feb-16	10-Mar-16	10-Mar-16, Skin								
SKIN-100	Exterior Metal Framing	6	1	12-Feb-16	22-Feb-16									
SKIN-110	Exterior Sheathing	4	16	23-Feb-16	26-Feb-16									
SKIN-120	Install Circular Windows	3	1	23-Feb-16	25-Feb-16									
SKIN-140	Exterior Doors and Hardware	2	19	26-Feb-16	29-Feb-16									
SKIN-130	Curtain Wall /Glazing Framing	4	16	29-Feb-16	03-Mar-16									
SKIN-150	Install Curtain Wall Glass	5	16	04-Mar-16	10-Mar-16									
Roof		24	33	11-Mar-16	13-Apr-16	13-Apr-16, Roof								
Skin-200	Install Roof Hatch	5	16	11-Mar-16	17-Mar-16									
Skin-210	Install Roof Penetrations	5	16	18-Mar-16	24-Mar-16									
Skin-220	Roofing Base Coat	6	16	25-Mar-16	01-Apr-16									
Skin-230	Roofing Top Coat	2	16	04-Apr-16	05-Apr-16									
Skin-240	Seal Coat	1	16	06-Apr-16	06-Apr-16									
Skin-250	Roofing- Canopy	5	16	07-Apr-16	13-Apr-16									
Skin-260	Pour Mechanical Pads	5	33	07-Apr-16	13-Apr-16									
Rough-Ins		64	2	12-Feb-16	12-May-16	12-May-16, Rough-Ins								

Near Critical

Remaining Work

Milestone

Actual Work

Critical Remaining Work

Summary

Activity ID		Activity Name	Original Duration	Total Float	Early Start	Early Finish	2015				2016				2017
							Q2	Q3	Q4		Q1	Q2	Q3	Q4	Q1
	R/I-100	Install CMU Walls	10	0	12-Feb-16	26-Feb-16					■	■			
	R/I-110	Frame Interior Walls	10	0	29-Feb-16	11-Mar-16					■	■			
	R/I-120	Rough In Mechanical Piping	5	0	14-Mar-16	18-Mar-16					■	■			
	R/I-130	R/I Fire Sprinkler Main	3	0	21-Mar-16	23-Mar-16					■	■			
	R/I-140	Plumbing R/I	6	0	24-Mar-16	31-Mar-16					■	■			
	R/I-150	R/I Lighting	5	16	24-Mar-16	30-Mar-16					■	■			
	R/I-160	R/I Fire Sprinkler	5	0	01-Apr-16	07-Apr-16					■	■			
	R/I-170	R/I Electrical/ Low Voltage	5	0	08-Apr-16	14-Apr-16					■	■			
	R/I-180	Wall Insulation	5	0	15-Apr-16	21-Apr-16					■	■			
	R/I-190	Drywall Wall	10	0	22-Apr-16	05-May-16					■	■			
	R/I-200	Drywall Lid	5	2	06-May-16	12-May-16					■	■			
	Electrical/Mechanical Spaces-1		49	4	14-Apr-16	22-Jun-16									
	Electrical Space		33	4	06-May-16	22-Jun-16									
	ELEC-300	Connection To J Outbound Electrical Room	10	4	06-May-16	19-May-16									
	ELEC-310	Electrical Gear	15	4	20-May-16	10-Jun-16									
	ELEC-320	Connect Low Voltage Equipment	5	4	13-Jun-16	17-Jun-16									
	ELEC-280	Energize Building	2	4	20-Jun-16	21-Jun-16									
	ELEC-290	Energize Lights	1	4	22-Jun-16	22-Jun-16									
	Mechanical Space		20	33	14-Apr-16	11-May-16									
	MECH-100	Mechanical Equipment Roof	10	33	14-Apr-16	27-Apr-16									
	MECH-110	Install Solar Water System	10	33	28-Apr-16	11-May-16									
	MECH-120	Land and Power Mechanical Equipment	5	38	28-Apr-16	04-May-16									
	Fire Alarm Space		12	40	15-Apr-16	02-May-16									
	FA-140	Install Fire Alarm Panel	10	40	15-Apr-16	28-Apr-16									
	FA-150	Land Final Connections	2	40	29-Apr-16	02-May-16									
	Finishes		50	27	06-May-16	18-Jul-16									
	FIN-100	Tape and Finish Walls	8	0	06-May-16	17-May-16									
	FIN-110	Tape and Finish Ceilings	5	2	13-May-16	19-May-16									
	FIN-120	Paint Walls	8	0	18-May-16	27-May-16									
	FIN-130	Paint Ceilings	4	2	20-May-16	25-May-16									
	FIN-140	Trim Electrical	6	0	31-May-16	07-Jun-16									
	FIN-150	Trim Low Voltage	4	0	08-Jun-16	13-Jun-16									
	FIN-160	Install Plumbing Fixtures	5	0	08-Jun-16	14-Jun-16									
	FIN-170	Trim Mechanical	10	0	15-Jun-16	28-Jun-16									
	FIN-180	Building Specialties	5	27	29-Jun-16	06-Jul-16									
	FIN-190	Install Baffle Ceiling	5	27	29-Jun-16	06-Jul-16									
	FIN-200	Install Interior Doors	8	27	07-Jul-16	18-Jul-16									
	FIN-210	Install Glass Partitions	5	27	11-Jul-16	15-Jul-16									
	Sitework		61	41	11-Mar-16	06-Jun-16									
	Site-100	Sand Oil Tank Install	5	41	11-Mar-16	17-Mar-16									
	Site-110	Fine Grade Vehicle Inspection	1	41	18-Mar-16	18-Mar-16									
	Site-120	Form/ Reinforce/ Place Vehicle Inspection	5	41	21-Mar-16	25-Mar-16									
	Site-130	Handicap Ramp Footings	3	41	28-Mar-16	30-Mar-16									
	Site-140	Form/ Reinforce/ Place Stairs	5	41	31-Mar-16	06-Apr-16									
	Site-150	Handicap Ramp SOG	5	41	07-Apr-16	13-Apr-16									
	Site-160	F/R/P Sidewalk	4	41	14-Apr-16	19-Apr-16									
	Site-170	F/R/P Gaibon Footings	4	41	20-Apr-16	25-Apr-16									

Near Critical

Remaining Work

Milestone

Actual Work

Critical Remaining Work

Summary

J Outbound Activity Report		Reno			16-Jan-15 13:05	
Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	
Buy-100	BP1- Prepare/ Reward Package	25	1	02-Mar-15	03-Apr-15	
Buy-120	BP2- Prepare/ Reward Package	25	0	02-Mar-15	03-Apr-15	
Buy-140	BP3- Prepare/ Reward Package	25	15	02-Mar-15	03-Apr-15	
MILE-100	Notice to Proceed	0	0	02-Mar-15		
PRO- 140	Wall Panel Submittal/Lift Drawings	20	71	02-Mar-15	27-Mar-15	
PRO- 160	Wall Panel A/E Review	10	71	30-Mar-15	10-Apr-15	
Buy-110	BP1- Subcontracts	15	1	06-Apr-15	24-Apr-15	
Buy-130	BP2- Subcontracts	15	15	06-Apr-15	24-Apr-15	
Buy-150	BP3- Subcontracts	15	15	06-Apr-15	24-Apr-15	
PRO- 180	Structural Steel Submittal Creation	20	0	06-Apr-15	01-May-15	
PRO- 170	Wall Panel Owner Review	10	71	13-Apr-15	24-Apr-15	
Buy-160	BP4- Prepare/ Reward Package	25	15	27-Apr-15	01-Jun-15	
Buy-180	BP5- Prepare/ Reward Package	25	159	27-Apr-15	01-Jun-15	
PRO- 100	Concrete Reinforcement Submittal Creation	20	1	27-Apr-15	22-May-15	
PRO- 220	Electrical Submittal Creation	20	137	27-Apr-15	22-May-15	
PRO- 260	Plumbing Submittal Creation	20	87	27-Apr-15	22-May-15	
PRO- 300	HVAC Submittal Creation	20	169	27-Apr-15	22-May-15	
PRO- 340	Fire Suppression Submittal Creation	20	87	27-Apr-15	22-May-15	
FND -100	Rough Grade Site	30	25	27-Apr-15	08-Jun-15	
PRO- 190	Structural Steel Internal Review	20	0	04-May-15	01-Jun-15	
PRO- 110	Concrete Reinforcement Internal Review	20	1	26-May-15	22-Jun-15	
PRO- 230	Electrical Internal Review	20	137	26-May-15	22-Jun-15	
PRO- 270	Plumbing Internal Review	20	87	26-May-15	22-Jun-15	
PRO- 310	HVAC Internal Review	20	169	26-May-15	22-Jun-15	
PRO- 350	Fire Suppression Internal Review	20	87	26-May-15	22-Jun-15	
Buy-170	BP4- Subcontracts	15	15	02-Jun-15	22-Jun-15	
Buy-190	BP5- Subcontracts	15	159	02-Jun-15	22-Jun-15	
PRO- 200	Structural Steel A/E Review	10	0	02-Jun-15	15-Jun-15	
FND -110	Excavate Footings Phase 1	14	25	09-Jun-15	26-Jun-15	
PRO- 210	Structural Steel Owner Review	10	0	16-Jun-15	29-Jun-15	
PRO- 120	Concrete Reinforcement A/E Review	10	1	23-Jun-15	07-Jul-15	
PRO- 240	Electrical A/E Review	10	137	23-Jun-15	07-Jul-15	
PRO- 280	Plumbing A/E Review	10	87	23-Jun-15	07-Jul-15	
PRO- 320	HVAC A/E Review	10	169	23-Jun-15	07-Jul-15	
PRO- 360	Fire Suppression A/E Review	10	87	23-Jun-15	07-Jul-15	
PRO- 380	Curtain Wall Submittal Creation	20	15	23-Jun-15	21-Jul-15	
PRO- 420	Finishes Submittal Creation	20	159	23-Jun-15	21-Jul-15	
FND -120	Excavate Footings Phase 2	9	25	29-Jun-15	10-Jul-15	
FND -130	R/I Electrical Main	2	104	29-Jun-15	30-Jun-15	
FAB -120	Procure Structural Steel	45	0	30-Jun-15	01-Sep-15	
PRO- 130	Concrete Reinforcement Owner Review	10	1	08-Jul-15	21-Jul-15	
PRO- 250	Electrical Owner Review	10	137	08-Jul-15	21-Jul-15	
PRO- 290	Plumbing Owner Review	10	87	08-Jul-15	21-Jul-15	
PRO- 330	HVAC Owner Review	10	169	08-Jul-15	21-Jul-15	
PRO- 370	Fire Suppression Owner Review	10	87	08-Jul-15	21-Jul-15	
PRO- 390	Curtain Wall Internal Review	20	15	22-Jul-15	18-Aug-15	
PRO- 430	Finishes Internal Review	20	159	22-Jul-15	18-Aug-15	
FAB -100	Procure Electrical Systems	30	137	22-Jul-15	01-Sep-15	
FAB -110	Procure HVAC	30	169	22-Jul-15	01-Sep-15	
FAB -140	Concrete Reinforcement	10	1	22-Jul-15	04-Aug-15	
FND -150	R/I DW Supply	3	87	22-Jul-15	24-Jul-15	
FND -160	R/I Fire Riser	3	87	22-Jul-15	24-Jul-15	
FND -140	Form/Reinforce/Set Anchor Spot Footings Phase 1	6	2	05-Aug-15	12-Aug-15	
STRUC-100	Set Panel Inserts/Blockouts/Embeds/Reinforce	1	1	05-Aug-15	05-Aug-15	
STRUC-110	Pour/Cure Panels Phase 1	10	1	06-Aug-15	19-Aug-15	
STRUC-120	Sand Blast Footprints Phase 1	9	1	10-Aug-15	20-Aug-15	
FND -170	Form/Reinforce/Set Anchor Spot Footings Phase 2	4	2	13-Aug-15	18-Aug-15	
FND -180	Pour Footings Phase 1 (Main BLDG)	1	6	13-Aug-15	13-Aug-15	
PRO- 400	Curtain Wall A/E Review	10	15	19-Aug-15	01-Sep-15	
PRO- 440	Finishes Wall A/E Review	10	159	19-Aug-15	01-Sep-15	
FND -190	Pour Footings Phase 2 (Loading Dock)	1	2	19-Aug-15	19-Aug-15	
STRUC-130	Pour/Cure Panels Phase 2	8	56	20-Aug-15	31-Aug-15	
STRUC-140	Tilt Up Panels Phase 1	7	1	21-Aug-15	31-Aug-15	
STRUC-150	Grout Tilt Up Panels Phase 1	5	44	01-Sep-15	08-Sep-15	
STRUC-160	Sand Blast Footprints Phase 2	16	56	01-Sep-15	23-Sep-15	
PRO- 410	Curtain Wall Owner Review	10	15	02-Sep-15	16-Sep-15	
PRO- 450	Finishes Wall Owner Review	10	159	02-Sep-15	16-Sep-15	
STRUC-170	Set Structural Steel Main Building	4	0	02-Sep-15	08-Sep-15	
STRUC-180	Install Main Building Trusses	5	0	09-Sep-15	15-Sep-15	
SITE BLD-100	Water Proof Tilt Up Panels Phase 1	3	44	09-Sep-15	11-Sep-15	
SITE BLD-110	Install Drain Pipe Phase 1	5	44	14-Sep-15	18-Sep-15	
STRUC-190	Install 20 Gauge Metal Deck @ Main Building	2	0	16-Sep-15	17-Sep-15	
STRUC-200	Install Main Building Gutter Steel	2	41	16-Sep-15	17-Sep-15	
STRUC-210	Frame Cladding Support @ Main Building	5	171	16-Sep-15	22-Sep-15	
FAB -130	Procure Glazing	30	15	17-Sep-15	28-Oct-15	
EXT-110	Install Roof Hatch	3	0	18-Sep-15	22-Sep-15	
EXT-130	Install Scuppers	10	64	18-Sep-15	01-Oct-15	
EXT-210	Install Roof Drains	3	71	18-Sep-15	22-Sep-15	
STRUC-220	Exterior Metal Panel Framing	10	44	18-Sep-15	01-Oct-15	
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J Outbound Activity Report		Reno			16-Jan-15 13:05	
Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	
SITE BLD-120	Backfill Tilt Up Phase 1	3	44	21-Sep-15	23-Sep-15	
EXT-140	Install Tubular Skylights	5	0	23-Sep-15	29-Sep-15	
STRUC-230	Aggregate for Building Pad and North Site	1	44	24-Sep-15	24-Sep-15	
STRUC-240	Tilt Up Panels Phase 2	4	56	24-Sep-15	29-Sep-15	
STRUC-250	Vapor Barrier	1	44	25-Sep-15	25-Sep-15	
STRUC-260	Pour/ Cure Main Building S.O.G.	5	44	28-Sep-15	02-Oct-15	
STRUC-270	Set Structural Steel Loading Dock	5	56	30-Sep-15	06-Oct-15	
EXT-190	Install Venting/Opening	3	0	30-Sep-15	02-Oct-15	
STRUC-280	Grout Tilt Up Panels Phase2	3	120	30-Sep-15	02-Oct-15	
EXT-170	Install Perforated Metal Panels Main Building	20	44	02-Oct-15	29-Oct-15	
STRUC-290	Protect Concrete Floors	1	44	05-Oct-15	05-Oct-15	
R/I Ceiling-100	R/I Mechanical	10	0	05-Oct-15	16-Oct-15	
SITE APRON-100	Water Proof Tilt Up Panels Phase 2	3	120	05-Oct-15	07-Oct-15	
STRUC-300	Install Loading Dock Joists	7	56	07-Oct-15	15-Oct-15	
SITE APRON-110	Install Drain Pipe Phase 2	5	120	08-Oct-15	14-Oct-15	
SITE APRON-120	Backfill Tilt Up Phase 2	10	120	15-Oct-15	28-Oct-15	
STRUC-310	Install 18 Gauge Deck Over Loading Dock	3	135	16-Oct-15	20-Oct-15	
STRUC-320	Install Loading Dock Trellis Tube Steel	5	56	16-Oct-15	22-Oct-15	
R/I Ceiling-110	R/I Fire Suppression	10	0	19-Oct-15	30-Oct-15	
STRUC-330	Install Loading Dock Trellis	3	56	23-Oct-15	27-Oct-15	
EXT-220	Install Glazing Connectors	15	15	29-Oct-15	19-Nov-15	
SITE APRON-130	Form/ Reinforce/ Place Truck Dock Wall Footings	5	120	29-Oct-15	04-Nov-15	
EXT-120	Install Perforated Metal Metal Panel @ Gutter Awnin	15	54	30-Oct-15	20-Nov-15	
EXT-150	Install Insulated Roofing System	10	44	30-Oct-15	13-Nov-15	
R/I Ceiling-120	R/I Electrical/ Low Voltage	10	0	02-Nov-15	16-Nov-15	
SITE APRON-140	Form/ Reinforce/ Place Truck Dock Walls	15	120	05-Nov-15	30-Nov-15	
EXT-180	Install Non-Insulated Roofing System	15	44	16-Nov-15	08-Dec-15	
EXT-200	Install Weather Head	1	173	16-Nov-15	16-Nov-15	
R/I-180	Frame Column Covers	5	117	17-Nov-15	23-Nov-15	
R/I-190	Install CMU Walls	15	0	17-Nov-15	09-Dec-15	
EXT-250	Install Metal Cladding Main Building Soffit	15	133	17-Nov-15	09-Dec-15	
EXT-100	Install Glazing	25	15	20-Nov-15	29-Dec-15	
EXT-230	Install Perforated Metal Panels At Loading Dock	35	113	23-Nov-15	14-Jan-16	
R/I-170	R/I Electrical- Columns	5	117	24-Nov-15	02-Dec-15	
SITE APRON-150	Form/Reinforce/Place Ramp J2-R Walls	5	135	01-Dec-15	07-Dec-15	
SITE APRON-160	Fine Grade Truck Dock	5	120	01-Dec-15	07-Dec-15	
SITE APRON-170	Form/ Reinforce/ Place Stair J2-S	5	240	01-Dec-15	07-Dec-15	
SITE APRON-180	Install Bollards Phase	3	120	08-Dec-15	10-Dec-15	
SITE APRON-190	Form/Reinforce/Place Ramp J2-1	4	236	08-Dec-15	11-Dec-15	
SITE APRON-200	Fine Grade Truck Apron	5	215	08-Dec-15	14-Dec-15	
SITE APRON-210	R/I Forklift Charger Electrical	2	131	08-Dec-15	09-Dec-15	
R/I -100	Frame Interior Walls	10	0	10-Dec-15	23-Dec-15	
SITE APRON-220	Form/ Reinforce/ Place Truck Dock	10	120	11-Dec-15	24-Dec-15	
SITE APRON-230	Install Trench Train	10	215	15-Dec-15	29-Dec-15	
R/I-110	R/I Plumbing- Walls	10	0	24-Dec-15	08-Jan-16	
R/I Ceiling-130	R/I Baffle Ceiling Support	6	117	24-Dec-15	04-Jan-16	
R/I Ceiling-150	Frame Hardlid Ceiling	10	80	24-Dec-15	08-Jan-16	
SITE APRON-240	Install Eyewash Station	1	226	28-Dec-15	28-Dec-15	
SITE APRON-250	Install Forklift Charger	2	120	28-Dec-15	29-Dec-15	
EXT-160	Install Punch Windows	15	15	30-Dec-15	21-Jan-16	
SITE BLD-130	Form/ Reinforce and Place Equipment Pad's	2	87	30-Dec-15	31-Dec-15	
SITE APRON-260	Form/ Reinforce/ Place Apron Concrete	10	215	30-Dec-15	13-Jan-16	
STRUC-340	Install Security Fence	10	120	30-Dec-15	13-Jan-16	
SITE BLD-140	Form/ Reinforce/ Place Ramp Stair Footings	3	116	30-Dec-15	04-Jan-16	
Mech-100	Install AHU	15	87	04-Jan-16	25-Jan-16	
SITE BLD-150	Form/Reinforce/Place Ramp J1-R Walls	5	116	05-Jan-16	11-Jan-16	
R/I-130	R/I Electrical and Low Voltage- Walls	20	0	11-Jan-16	08-Feb-16	
R/I Ceiling-160	Install Ceiling Access Panels	3	80	11-Jan-16	13-Jan-16	
SITE BLD-160	Form/Reinforce/Place Ramp JR-1	2	116	12-Jan-16	13-Jan-16	
SITE BLD-170	Form/ Reinforce/ Place Exterior SOG	3	116	14-Jan-16	19-Jan-16	
SITE APRON-270	Install Dock Equipment	6	113	15-Jan-16	25-Jan-16	
SITE BLD-180	Install BioSwale East	3	116	20-Jan-16	22-Jan-16	
MILE-110	Building Water Tight	0	15		21-Jan-16	
R/I-220	Insulate Walls	10	15	22-Jan-16	04-Feb-16	
R/I Ceiling-170	Hardlid Drywall	10	75	22-Jan-16	04-Feb-16	
ELEC-130	Install Main Switch Gear	10	42	22-Jan-16	04-Feb-16	
SITE BLD-190	Install BioSwale West	3	116	25-Jan-16	27-Jan-16	
Mech-130	Install Cooling Tower	15	87	26-Jan-16	16-Feb-16	
SITE BLD-200	Form/ Reinforce and Place Stair J1-S	5	116	28-Jan-16	03-Feb-16	
SITE BLD-210	Install Hose Bib at BioSwale West	1	125	28-Jan-16	28-Jan-16	
SITE BLD-220	Install Guardrail at Ramps	5	116	04-Feb-16	10-Feb-16	
R/I Ceiling-180	Tape and Finish Hardlid	20	75	05-Feb-16	04-Mar-16	
ELEC-100	Install Step Down Transformer	10	42	05-Feb-16	19-Feb-16	
R/I-140	Install Fire Riser	3	0	09-Feb-16	11-Feb-16	
R/I-120	Install Wall Backing	5	0	12-Feb-16	19-Feb-16	
R/I-160	Install Interior Door Frames	8	0	17-Feb-16	26-Feb-16	
Mech-150	Install Boiler	10	87	17-Feb-16	01-Mar-16	
ELEC-110	Install Distribution Panels	10	42	22-Feb-16	04-Mar-16	
R/I-150	Hang and Tape Drywall	15	0	29-Feb-16	18-Mar-16	
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J Outbound Activity Report		Reno		16-Jan-15 13:05	
Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish
Mech-120	R/I Branch Supply/Return Hydronic	35	87	02-Mar-16	19-Apr-16
FIN CEIL-100	Paint Hardlid Ceiling	5	75	07-Mar-16	11-Mar-16
ELEC-140	R/I High Voltage Feed	5	42	07-Mar-16	11-Mar-16
FIN WALL-100	Install Detention Equipment	15	80	14-Mar-16	01-Apr-16
ELEC-120	R/I Secondary Power Source	3	42	14-Mar-16	16-Mar-16
FIN CEIL-110	Trim Tubular Skylights	5	90	14-Mar-16	18-Mar-16
ELEC-160	Land Main Power Feed	2	42	17-Mar-16	18-Mar-16
R/I-210	Tape and Finish Drywall	25	0	21-Mar-16	22-Apr-16
ELEC-150	Land Transformer Connection	2	42	21-Mar-16	22-Mar-16
ELEC-170	Land Distribution Panels	3	42	23-Mar-16	25-Mar-16
ELEC-180	Energize Building	2	42	28-Mar-16	29-Mar-16
ELEC-190	Energize Lights	1	42	30-Mar-16	30-Mar-16
FIN WALL-110	Paint Walls	10	0	25-Apr-16	06-May-16
FA-110	Install Fire Alarm Panel	10	38	25-Apr-16	06-May-16
FIN WALL-120	Install Millwork	15	0	09-May-16	27-May-16
FIN WALL-130	Install Plumbing Fixtures	15	12	09-May-16	27-May-16
FIN WALL-140	Hang Painted Interior Doors	10	39	09-May-16	20-May-16
FIN CEIL-120	Install Baffle Ceiling	5	30	09-May-16	13-May-16
FIN CEIL-130	Install Column Covers	5	50	09-May-16	13-May-16
FIN CEIL-140	Install Exterior Metal Cladding Soffit	5	30	09-May-16	13-May-16
FIN WALL-150	Install Signage	15	25	09-May-16	27-May-16
FA-130	Land Final Connections	2	38	09-May-16	10-May-16
FIN CEIL-150	Install Lighting	5	30	16-May-16	20-May-16
FIN CEIL-160	Trim Mechanical	5	30	16-May-16	20-May-16
FIN CEIL-170	Trim Fire Sprinkler	5	30	16-May-16	20-May-16
FIN WALL-160	Install Door Hardware	25	39	23-May-16	27-Jun-16
FIN CEIL-180	Install Window Shades	5	40	23-May-16	27-May-16
FIN WALL-170	Trim Electrical	25	0	31-May-16	05-Jul-16
FIN WALL-180	Install Toilet Partitions	25	12	31-May-16	05-Jul-16
FIN WALL-190	Seal Concrete Floors	10	25	31-May-16	13-Jun-16
FIN WALL-200	Install Wall Base	5	25	14-Jun-16	20-Jun-16
CLOSE-100	Initiate Building Air	1	39	28-Jun-16	28-Jun-16
CLOSE-110	Balance Air	30	39	29-Jun-16	10-Aug-16
FIN WALL-210	Install Bathroom Accessories	3	12	06-Jul-16	08-Jul-16
CLOSE-120	Equipment Functional Testing	15	0	06-Jul-16	26-Jul-16
CLOSE-130	HP Internal Punchlist	35	0	27-Jul-16	14-Sep-16
CLOSE-140	Test Fire Alarm	30	15	27-Jul-16	07-Sep-16
CLOSE-150	Commissioning	30	39	11-Aug-16	22-Sep-16
CLOSE-160	Fire Marshall Signoff	20	15	08-Sep-16	05-Oct-16
CLOSE-170	Owner Punchlist	30	0	15-Sep-16	26-Oct-16
MILE-120	Substantial Completion	0	0		26-Oct-16
CLOSE-180	Owner Punchlist Acceptance	15	0	27-Oct-16	17-Nov-16
MILE-130	Final Completion	0	0		17-Nov-16
		Page 3 of 3		East County Hall of Justice Project No. 5155	
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Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish			
MILE-100	Notice to Proceed	0	0	07-May-15				
DES-100	DP1- Foundations/ Site Utilities	60	12	07-May-15	31-Jul-15			
DES-110	DP2- Structural/Tilt Up	60	0	07-May-15	31-Jul-15			
DES-120	DP-3 Framing/ Skin/ R/I Utilities	70	16	07-May-15	14-Aug-15			
PRO- 810	Owner Trailer Submittal	10	102	07-May-15	20-May-15			
FAB -200	Procure and Install Trailer	20	102	21-May-15	18-Jun-15			
PRO- 460	Concrete Reinforcement Submittal Creation	20	12	03-Aug-15	28-Aug-15			
PRO- 500	Wall Panel Submittal/Lift Drawings	20	42	03-Aug-15	28-Aug-15			
PRO- 530	Structural Steel Submittal Creation	20	0	03-Aug-15	28-Aug-15			
FND -220	Grade Site	10	72	03-Aug-15	14-Aug-15			
PRO- 570	Electrical Submittal Creation	20	105	17-Aug-15	14-Sep-15			
PRO- 610	Plumbing Submittal Creation	20	35	17-Aug-15	14-Sep-15			
PRO- 650	HVAC Submittal Creation	20	78	17-Aug-15	14-Sep-15			
PRO- 690	Fire Suppression Submittal Creation	20	96	17-Aug-15	14-Sep-15			
PRO- 730	Curtain Wall Submittal Creation	20	33	17-Aug-15	14-Sep-15			
FND -230	Excavate Footings Phase 1	6	72	17-Aug-15	24-Aug-15			
DES-130	DP4 -Finishes Design Package	90	16	17-Aug-15	24-Dec-15			
FND -310	R/I Electrical Main	1	72	25-Aug-15	25-Aug-15			
PRO- 470	Concrete Reinforcement Internal Review	20	12	31-Aug-15	28-Sep-15			
PRO- 510	Wall Panel A/E Review	10	42	31-Aug-15	14-Sep-15			
PRO- 540	Structural Steel Internal Review	20	0	31-Aug-15	28-Sep-15			
PRO- 520	Wall Panel Owner Review	10	42	15-Sep-15	28-Sep-15			
PRO- 580	Electrical Internal Review	20	105	15-Sep-15	12-Oct-15			
PRO- 620	Plumbing Internal Review	20	35	15-Sep-15	12-Oct-15			
PRO- 660	HVAC Internal Review	20	78	15-Sep-15	12-Oct-15			
PRO- 700	Fire Suppression Internal Review	20	96	15-Sep-15	12-Oct-15			
PRO- 740	Curtain Wall Internal Review	20	33	15-Sep-15	12-Oct-15			
PRO- 480	Concrete Reinforcement A/E Review	10	12	29-Sep-15	12-Oct-15			
PRO- 550	Structural Steel A/E Review	10	0	29-Sep-15	12-Oct-15			
PRO- 490	Concrete Reinforcement Owner Review	10	12	13-Oct-15	26-Oct-15			
PRO- 560	Structural Steel Owner Review	10	0	13-Oct-15	26-Oct-15			
PRO- 590	Electrical A/E Review	10	105	13-Oct-15	26-Oct-15			
PRO- 630	Plumbing A/E Review	10	35	13-Oct-15	26-Oct-15			
PRO- 670	HVAC A/E Review	10	78	13-Oct-15	26-Oct-15			
PRO- 710	Fire Suppression A/E Review	10	96	13-Oct-15	26-Oct-15			
PRO- 750	Curtain Wall A/E Review	10	33	13-Oct-15	26-Oct-15			
PRO- 600	Electrical Owner Review	10	105	27-Oct-15	09-Nov-15			
PRO- 640	Plumbing Owner Review	10	35	27-Oct-15	09-Nov-15			
PRO- 680	HVAC Owner Review	10	78	27-Oct-15	09-Nov-15			
PRO- 720	Fire Suppression Owner Review	10	96	27-Oct-15	09-Nov-15			
PRO- 760	Curtain Wall Owner Review	10	33	27-Oct-15	09-Nov-15			
FAB -170	Procure Structural Steel	45	0	27-Oct-15	04-Jan-16			
FAB -190	Concrete Reinforcement	10	12	27-Oct-15	09-Nov-15			
FAB -150	Procure Electrical Systems	30	105	10-Nov-15	24-Dec-15			
FAB -160	Procure Mechanical Equipment	60	78	10-Nov-15	09-Feb-16			
FAB -180	Procure Glazing	30	33	10-Nov-15	24-Dec-15			
FND -240	Form/Reinforce/Set Anchor Bolts Footings	8	19	10-Nov-15	20-Nov-15			
STRUC-100	Set Panel Inserts/Blockouts/Embeds/Reinforce	1	12	10-Nov-15	10-Nov-15			
STRUC-110	Pour/Cure Panels J Annex	14	12	12-Nov-15	03-Dec-15			
FND -270	Pour Footings Phase 1	1	26	23-Nov-15	23-Nov-15			
FND -290	Excavate Footing For Canopy	3	26	24-Nov-15	30-Nov-15			
FND -300	Form/ Reinforce/ Place Footing Canopy	6	26	01-Dec-15	08-Dec-15			
STRUC-120	Set Tilt Up Panels	3	12	04-Dec-15	08-Dec-15			
STRUC-140	Grout Panels	5	12	09-Dec-15	15-Dec-15			
PRO- 770	Finishes Submittal Creation	20	16	28-Dec-15	26-Jan-16			
STRUC-130	Set Structural Steel/ Joists	6	0	05-Jan-16	12-Jan-16			
STRUC-150	Decking Main Building	3	0	13-Jan-16	15-Jan-16			
STRUC-160	Structural Steel Canopy	5	0	19-Jan-16	25-Jan-16			
STRUC-170	Canopy Steel Joist and Decking	3	0	26-Jan-16	28-Jan-16			
PRO- 780	Finishes Internal Review	20	16	27-Jan-16	24-Feb-16			
STRUC-180	Misc Metals Canopy	5	0	29-Jan-16	04-Feb-16			
STRUC-190	Steel Canopy Walkway	5	0	05-Feb-16	11-Feb-16			
SKIN-100	Exterior Metal Framing	6	1	12-Feb-16	22-Feb-16			
R/I-100	Install CMU Walls	10	0	12-Feb-16	26-Feb-16			
SKIN-110	Exterior Sheathing	4	16	23-Feb-16	26-Feb-16			
SKIN-120	Install Circular Windows	3	1	23-Feb-16	25-Feb-16			
PRO- 790	Finishes Wall A/E Review	10	16	25-Feb-16	09-Mar-16			
SKIN-140	Exterior Doors and Hardware	2	19	26-Feb-16	29-Feb-16			
SKIN-130	Curtain Wall /Glazing Framing	4	16	29-Feb-16	03-Mar-16			
R/I-110	Frame Interior Walls	10	0	29-Feb-16	11-Mar-16			
SKIN-150	Install Curtain Wall Glass	5	16	04-Mar-16	10-Mar-16			
PRO- 800	Finishes Wall Owner Review	10	16	10-Mar-16	23-Mar-16			
Site-100	Sand Oil Tank Install	5	41	11-Mar-16	17-Mar-16			
Skin-200	Install Roof Hatch	5	16	11-Mar-16	17-Mar-16			
R/I-120	Rough In Mechanical Piping	5	0	14-Mar-16	18-Mar-16			
Site-110	Fine Grade Vehicle Inspection	1	41	18-Mar-16	18-Mar-16			
Skin-210	Install Roof Penetrations	5	16	18-Mar-16	24-Mar-16			
Site-120	Form/ Reinforce/ Place Vehicle Inspection	5	41	21-Mar-16	25-Mar-16			
R/I-130	R/I Fire Sprinkler Main	3	0	21-Mar-16	23-Mar-16			
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Reno		Activitiy Report				16-Jan-15 12:32		
Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish			
R/I-140	Plumbing R/I	6	0	24-Mar-16	31-Mar-16			
R/I-150	R/I Lighting	5	16	24-Mar-16	30-Mar-16			
Skin-220	Roofing Base Coat	6	16	25-Mar-16	01-Apr-16			
Site-130	Handicap Ramp Footings	3	41	28-Mar-16	30-Mar-16			
Site-140	Form/ Reinforce/ Place Stairs	5	41	31-Mar-16	06-Apr-16			
R/I-160	R/I Fire Sprinkler	5	0	01-Apr-16	07-Apr-16			
Skin-230	Roofing Top Coat	2	16	04-Apr-16	05-Apr-16			
Skin-240	Seal Coat	1	16	06-Apr-16	06-Apr-16			
Site-150	Handicap Ramp SOG	5	41	07-Apr-16	13-Apr-16			
Skin-250	Roofing- Canopy	5	16	07-Apr-16	13-Apr-16			
Skin-260	Pour Mechanical Pads	5	33	07-Apr-16	13-Apr-16			
R/I-170	R/I Electrical/ Low Voltage	5	0	08-Apr-16	14-Apr-16			
Site-160	F/R/P Sidewalk	4	41	14-Apr-16	19-Apr-16			
MECH-100	Mechanical Equipment Roof	10	33	14-Apr-16	27-Apr-16			
FA-140	Install Fire Alarm Panel	10	40	15-Apr-16	28-Apr-16			
R/I-180	Wall Insulation	5	0	15-Apr-16	21-Apr-16			
Site-170	F/R/P Gaibon Footings	4	41	20-Apr-16	25-Apr-16			
R/I-190	Drywall Wall	10	0	22-Apr-16	05-May-16			
Site-190	Gaibon Wall- Courtyard	3	41	26-Apr-16	28-Apr-16			
MECH-110	Install Solar Water System	10	33	28-Apr-16	11-May-16			
MECH-120	Land and Power Mechanical Equipment	5	38	28-Apr-16	04-May-16			
FA-150	Land Final Connections	2	40	29-Apr-16	02-May-16			
Site-180	Hardscape Courtyard	5	41	29-Apr-16	05-May-16			
MILE-110	Building Water Tight	0	0		05-May-16			
Site-200	Metal Gates	6	41	06-May-16	13-May-16			
ELEC-300	Connection To J Outbound Electrical Room	10	4	06-May-16	19-May-16			
R/I-200	Drywall Lid	5	2	06-May-16	12-May-16			
FIN-100	Tape and Finish Walls	8	0	06-May-16	17-May-16			
FIN-110	Tape and Finish Ceilings	5	2	13-May-16	19-May-16			
Site-210	Vehicle Lift	5	41	16-May-16	20-May-16			
FIN-120	Paint Walls	8	0	18-May-16	27-May-16			
FIN-130	Paint Ceilings	4	2	20-May-16	25-May-16			
ELEC-310	Electrical Gear	15	4	20-May-16	10-Jun-16			
Site-220	Ramp/ Stair Railings	5	41	23-May-16	27-May-16			
Site-230	Landscape Courtyard	5	41	31-May-16	06-Jun-16			
FIN-140	Trim Electrical	6	0	31-May-16	07-Jun-16			
FIN-150	Trim Low Voltage	4	0	08-Jun-16	13-Jun-16			
FIN-160	Install Plumbing Fixtures	5	0	08-Jun-16	14-Jun-16			
ELEC-320	Connect Low Voltage Equipment	5	4	13-Jun-16	17-Jun-16			
FIN-170	Trim Mechanical	10	0	15-Jun-16	28-Jun-16			
ELEC-280	Energize Building	2	4	20-Jun-16	21-Jun-16			
ELEC-290	Energize Lights	1	4	22-Jun-16	22-Jun-16			
CLOSE-100	Initiate Building Air	1	43	22-Jun-16	22-Jun-16			
CLOSE-110	Equipment Functional Testing	25	0	29-Jun-16	03-Aug-16			
FIN-180	Building Specialties	5	27	29-Jun-16	06-Jul-16			
FIN-190	Install Baffle Ceiling	5	27	29-Jun-16	06-Jul-16			
FIN-200	Install Interior Doors	8	27	07-Jul-16	18-Jul-16			
FIN-210	Install Glass Partitions	5	27	11-Jul-16	15-Jul-16			
CLOSE-120	Balance Air	30	27	18-Jul-16	26-Aug-16			
CLOSE-130	HP Internal Punchlist	29	0	04-Aug-16	14-Sep-16			
CLOSE-140	Test Fire Alarm	30	11	04-Aug-16	15-Sep-16			
CLOSE-150	Commissioning	30	27	29-Aug-16	10-Oct-16			
CLOSE-160	Owner Punchlist	30	0	15-Sep-16	26-Oct-16			
CLOSE-170	Fire Marshall Signoff	20	11	16-Sep-16	13-Oct-16			
CLOSE-180	Owner Punchlict Acceptance	15	0	27-Oct-16	17-Nov-16			
MILE-120	Substantial Completion	0	0		28-Oct-16			
MILE-130	Final Completion	0	0		17-Nov-16			
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Actual Work
 Critical Remaining Work
 Remaining Work
 Summary
 Milestone

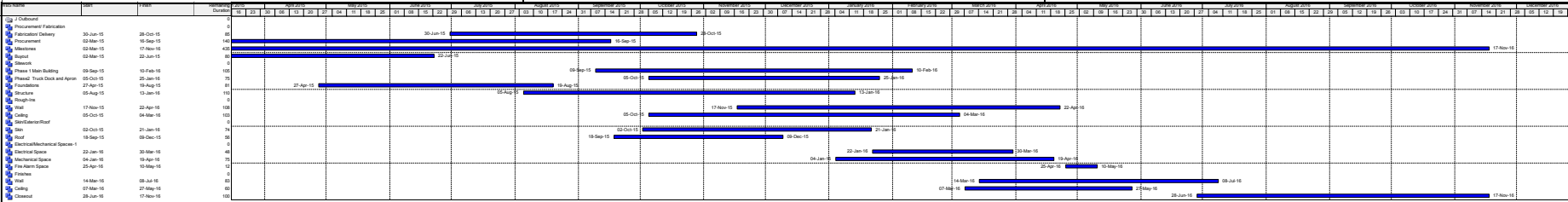
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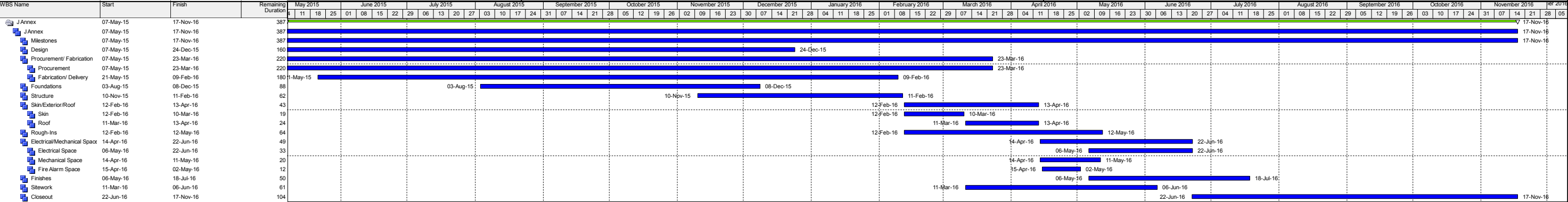
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Schedule Narrative Answer Key

The schedule narrative should have addressed any assumptions that were taken to get to your final answer. Points were given based on the follow criteria:

1. Was the narrative provided?
2. Did it read professionally?
3. Did it clarify strategies and assumptions that were used to create the schedule?