HENSEL PHELPS

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MARRIOTT @ LUHRS						201	.8																												2	2019																			
WARRIOTT @ LOHRS	AUGUST		SEPTEN	1BER		ОСТОВЕР	₹		NOVEN	IBER			DECEM	BER			JAUNA	RY		FEBI	RUARY		N	1ARCH			APR	L			MAY			JUNE			JU	LY		,	AUGUS	т		SEPT	EMBER			осто	BER		NOVE	MBER		DECEM	BER
CREW WORK AREA		27 3	10	17 24	1	8 15	22	29	5 12	19	26	3 10	0 17	24	31	7	14	21 2	8 4	11	18	25	4 11	18	25	1	8 15	22	29	6 1	3 20	27	3 1	10 17	24	1	8 1	5 22	29	5 :	12 1	9 26	2	9	16 23	30	7	14	21 28	8 4	11	18 2	25 2	9	16 23
LEVEL 5		15.3 15.3	3 15.4	15.4			8	7	26 13	1	30	11 1	2 2	2	5	5	28	9 9	9						R2	R3	3 17	17	17	4 3	20	20	6 1	14 18	18	24	25 2	3 10	16	19	19 1	9 19	21	21	21 21										
LEVEL 6		15.2 15.2	2 15.3	15.3 15.4				8	7 26	13	1	30 1:	1 12	2	2	5	5	28 9	9				R2	2 R3	3	17	17 17	4	31	20 2	6	14	18	18 24	25	23	10 10	5 19	19	19	19 2	1 21	21	21											
LEVEL 7		15.1 15.1	1 15.2	15.2 15.3	15.4	15.4			8 7	26	13	1 3	0 11	12	2	2	5	5 2	8 9	9				R2	R3	3	17 17	17	4	31 2	20	6	14	18 18	24	25	23 1	16	19	19	19 1	9 21	21	21	21										
LEVEL 8		15 15	15.1	15.1 15.2	15.3	15.3 15.4	4 15.4		8	7	26	13 1	30	11	12	2	2	5 5	28	9	9				R2	R3	3 17	17	17	4 3:	20	20	6	14 18	18	24	25 2	3 10	16	19	19 1	9 19	21	21	21 21										
LEVEL 9			15	15 15.1	15.2	15.2 15.3	3 15.3	15.4		8	7	26 1	3 1	30	11	12	2	2 5	5 5	28	9	9				R2	R3 3	17	17	17 4	31	20	20	6 14	18	18	24 2	23	10	16	19 1	9 19	19	21	21 21	21									
LEVEL 10				15 15	15.1 1	15.1 15.2	2 15.2	15.3 1	5.4		8	7 2	6 13	1	30	11	12	2 2	2 5	5	28	9 9	9				R2 R3	3	17	17 1	7 4	31	20 2	20 6	14	18	18 2	25	23	10	16 1	9 19	19	19	21 21	21	21								
LEVEL 11					15	15 15.:	1 15.1	15.2 1	5.3 15.	15.4		8 7	26	13	13	1	30	11 1	2 2	5	5	28	9 9				R2	R3	3	17 1	7 17	4	31	20 20	6	14	18 1	3 24	25	23	10 1	6 19	19	19	19 21	21	21	21							
LEVEL 12						15	15	15.1 1	5.2 15.	15.3	15.4	8	7	26	13	13	1	30 1	1 12	2	5	5 2	8 9	9				R2	R3	3 1	7 17	17	4	31 20	20	6	14 1	18	24	25	23 1	0 16	19	19	19 19	21	21	21	21						
LEVEL 13							15	15 1	5.1 15.	15.2	15.3	5.4	8	7	26	13	13	1 3	0 11	12	2	5 !	5 28	9	9				R2	R3 3	17	17	17	4 31	20	20	6 1	18	18	24	25 2	3 10	16	19	19 19	19	21	21	21 2:	1					
LEVEL 14								15	15 .	15.1	15.2 1	5.3 15	.3 15.4	1 8	7	26	13	13 1	30	11	12	2 !	5 5	28	9	9				R2 R	3 3	17	17 1	17 4	31	20	20 6	14	18	18	24 2	5 23	10	16	19 19	19	19	21	21 2:	1 21					
LEVEL 15									15	15	15.1	5.2 15	.3 15.3	15.4	8	7	26	13 1	3 1	30	11	12	2 5	5	28	9	9			R	2 R3	3	17	17 17	4	31	20 2	6	14	18	18 2	4 25	23	10	16 19	19	19	19	21 2:	1 21	21				
LEVEL 16										15	15 1	5.1 15	.2 15.2	15.3	15.4	8	7	26 1	3 13	1	30	11 1	2 2	. 5	5	28	9 9				R2	R3	3 1	17 17	17	4	31 2	20	6	14	18 1	8 24	25	23	10 16	19	19	19	19 2:	1 21	. 21	21			
LEVEL 17											15	15 15	.1 15.1	15.2	15.3	15.4	8	7 2	6 13	13	1	30 1	1 12	2 2	5	5	28 9	9				R2	R3	3 17	17	17	4 3	20	20	6	14 1	8 18	24	25	23 10	16	19	19	19 19	9 21	21	21 2	21		
LEVEL 18												1	5 15	15.1	15.2	15.3	15.4	8 7	26	13	13	1 3	11	12	2	5	5 28	9	9				R2 F	R3 3	17	17	17 4	31	20	20	6 1	4 18	18	24	25 23	10	16	19	19 19	9 19	21	21 2	21 21		
LEVEL 19													15	15	15.1	15.2	15.3	5.4	3 7	26	13	13	1 30	11	12	2	5 5	28	9	9			F	R2 R3	3	17	17 1	7 4	31	20	20 6	14	18	18	24 25	23	10	16	19 19	9 19	19	21	21 21	21	

BARLOW BUILDERS

We So Special

APPLIANCES

OFCI

HENSEL PHELPS

SIPS ACTIVITY

FINAL CLEAN

PUNCHLIST

CORRIDOR AND LOBBY WORK

TAB, Cx, TESTING, TCO

SUB #

16

19

HP

HP

TBD

TBD

TOUGH CONCRETE SPARKY ELEC ROLL IT ON PAINTING TC SE RIOP FRAME A LOT, LLC GLFC GLAZING FACTORY BUILD-A-SHED FAL BAS WSS STF SHOWER THE FIRE EXTERIOR FRAMING TIN TILE IT NOW! OWN FAL TIN PEX PLUMBING SIO SKIM IT ON OWN PXP TILE IT NOW! SH SPIRAL HVAC BINI KKI Knock Knock Inc. HP BATT IT NOW INSULATION!

Note: Use these colors and numbers to fill in the SIPs template. Do not change activity numbers or colors. Refer to next sheet for logic and durations. Do not add or remove activities.

Legend:

SUB	#	SIPS ACTIVITY	SUB	#	SIPS ACTIVITY	SUB	#	SIPS ACTIVITY	SUB	#	SIPS ACTIVITY
TC		FORM, AND PLACE DECK	STF		FIRE SPRINKLER	GLFC		INSTALL WINDOW FRAMES	TIN	31	TILE FLOORING
TC	15	VERTICAL CONCRETE	MEP		FIRESTOPPING PENET.	GLFC		GLASS INSTALLED			
TC		POST TENSIONING	SH	1	SHAFT/CORRIDOR DUCT	GLFC	9	WINDOW CAULKING	TIN		TILE FLOORING
			SH		FCU DUCTING (RI)	BINI		SPANDREL INSULATION	KKI	20	KNOCK DOWN FRAMES (CY)
HR	15.1	FIRST FLOOR SHORING							KKI		BARN DOORS (RI)
			FAL		FRAME ENTRANCE SOFFIT						
HR	15.2	100% RE-SHORES / PATCH	FAL	30	FRAME BATHROOM SOFFIT	FAL		FRAME REMAINING WALLS	RIOP		PRIME PAINT
						FAL		REVISE DOOR OPENINGS	RIOP	6	1ST COAT PAINT
HR	15.3	50% RE-SHORES / PATCH	FAL		FRAMING/DRYWALL AT FCU	FAL	R2	FRAMING/DRYWALL AT FCUs			
<u> </u>		-	SH		FCU PIPING	SH		FCU PIPING	RIOP		PAINT HM FRAMES
HR		STRIP RE-SHORES	SH	11	SET FCU	SE		FA/TELE TESTING	RIOP	14	WALL PAPER
HR	15.4	GRIND AND PATCH	SH		RUN THERMOSTAT WIRE				<u> </u>		
PXP		ROOF DRAINS	SH		FINAL FCU CONNECTION	FAL		FRAMING/DRYWALL AT FCUs	BAS		INSTALL SHELF/VANITY (CY)
<u> </u>						SH		FCU PIPING	DAG		INSTALL
FAL		INTERIOR WALL LAYOUT	SE	12	ELECTRICAL ROUGH-IN	SH	R3	SET FCUs & INSTALL T-STATS	BAS	18	KITCHEN/VANITY/ENTRY/VALANCE (R
PXP		ROOF DRAINS - FIRESTOP				SE		COMPLETE ELEC ROUGH-IN	BAS		OFCI
SIO	8	FLOOR PREP	SE		ELECTRICAL ROUGH-IN				SE		TRIM OUT
FAL		SKIM COAT CEILINGS	SE		FIRE ALARM ROUGH-IN	HP		INSPECTIONS			
	•		SE	2	TELE-COMM ROUGH-IN	A11	3	COMPLETE WALL CLOSE-IN PUNCH LIST	BB		INSTALL SHOWER DOORS
FAL		WALL FRAMING & CLIPS	SE		PULL WIRE	ALL		ITEMS	PXP	24	PLUMBING TRIM
KI/FAL	_	HM FRAMES	-					<u>. </u>			
FAL	7	11" UPPER DRYWALL RIPPER	FAL		BACKING WITH BATHROOM	FAL		DRYWALL (WALLS/SOFFITS)	RIOP		FINAL PAINT
FAL		SHAFT WALL - 3 SIDES	FAL	-	RESILENT CLIPS AT BATHROOM	BINI	47	INSULATION	KKI	25	INSTALL DOORS / HW
			FAL	5	DRYWALL AT TUB/SHOWER	FAL	17	TAPE, FLOAT, SAND DRYWALL	RIOP		PAINT DOORS
FAL	26	FIRE TAPE DRYWALL RIPPER	FSSW		FIRE CAULK @ TUBS	FAL		CEILING SKIM TOUCH-UP			
FSSW	26	FIRE CAULKING							TIN		INSTALL CARPET
			MPL	20	DELIVER PANS (3 LEVELS)	BB		SHOWER SURROUNDS	TIN	23	INSTALL BASE
		PLUMBING ROUGH-IN	PXP	28	SET TUBS / SHOWER PANS	FSSW	4	FIRE CAULKING	WSS		TOILET ACCESSORIES

L.)	CONSTRUCTION SEQUENCING SHALL FOLLOW A SHORT INTERVAL PRODUCTION SCHEDULE (SIPS)
2.)	EACH SIPS WEEK HAS ASSIGNED CONSTRUCTION ACTIVITIES THAT ARE REQUIRED TO BE COMPLETED WITH-IN THE WEEK SCHEDULED. NEW SIPS ACTIVITIES WILL MOVE IN EACH MONDAY AND CONCLUDE ON FRIDAY. ALL SIPS ACTIVITIES THAT ARE NOT COMPLETE BY 2PM FRIDAY MAY REQUIRE WEEKEND WORK.
3.)	SIPS 15 WILL REQUIRE CLOSURE OF THE CORRIDORS AND WILL MINIMIZE ACCESSABLITY INTO THE ROOMS
4.)	INSPECTIONS MUST BE ONGOING AND CONTINUOUS. INCOMPLETE WORK WILL BE TAGGED AND THE RESPONSIBLE SUB-CONTRACTOR WILL BE NOTIFIED.
5.)	IT IS THE RESPONSIBILITY OF EACH CONTRACTOR TO MAN THEIR WORK APPROPRIATLEY TO MAINTAIN THE WEEKLY SIPS SCTIVITIES.
5.)	COMPREHENSIVE INSPECTIONS WITH ALL DISCIPLINES OF ELECTRICAL, MECHANICAL, PLUMBING, FRAMING, ETC WILL BE REQUIRED.
7.)	BE PART OF THE SOLUTION AND NOT PART OF THE PROBLEM
в.)	BOOTIES MUST BE WORN ONCE CARPET IS INSTALLED

Activity	Dradacassay	Cuccacac	Duration
	<u>Predecessor</u>	Successor	<u>Duration</u>
Shower Surrounds, Fire Caulking	Drywall (Walls/Soffits), Insulation, Tape, Float, Sand Drywall, Ceiling Skim Touch-Up	Tile Flooring	1 Week
Fire Tape Drywall Ripper, Fire Caulking	Wall Framing & Clips, HM Frames, 11" Upper Drywall Ripper, Shaft Wall - 3 Sides	Plumbing Rough-In	1 Week
Final Paint, Install Doors / HW, Paint Doors	Install Shower Doors, Plumbing Trim	Install Carpet, Install Base, Toilet Accessories	1 Week
Corridor and Lobby Work	Punchlist	Tab, Cx, Testing, TCO	4 Weeks
Fire Sprinkler, Firestopping Penet., Shaft/Corridor Duct, FCU Ducting (RI)	Plumbing Rough-In	Frame Entrance Soffit, Frame Bathroom Soffit	1 Week
100% Re-Shores / Patch	First Floor Shoring	50% Re-Shores / Patch	A minimum of 1 week. Additional as needed
Framing/Drywall at FCU, FCU Piping, Set FCU, Run Thermostat Wire, Final FCU Connectior	Frame Entrance Soffit, Frame Bathroom Soffit	Electrical Rough-In	1 Week
Punchlist	Final Clean	Corridor and Lobby Work	1 Week
Tab, Cx, Testing, TCO	Corridor and Lobby Work		4 Weeks
Electrical Rough-In, Fire Alarm Rough-In, Tele-Comm Rough-In, Pull Wire	Electrical Rough-In	Backing with Bathroom, Resilent Clips at Bathroom, Drywall at Tub/Shower, Fire Caulk @ Tub!	2 Weeks - Levels 5 through 10 and 1 Week - Levels 11 and Up
Paint HM Frames, Wall Paper	Prime Paint, 1st Coat Paint	Install Shelf/Vanity (CY), Install Kitchen/Vanity/Entry/Valence (RI), OFCI, Trim Out	1 Week
Form and Place Deck, Vertical Concrete, Post Tensioning		First Floor Shoring	2 Weeks, First Week is forming and reinforcing (post tensioning) and second week is pouring and strippin
Backing with Bathroom, Resilent Clips at Bathroom, Drywall at Tub/Shower, Fire Caulk @ Tubs	Electrical Rough-In, Fire Alarm Rough-In, Tele-Comm Rough-In, Pull Wire	Deliver Pans (3 Levels), Set Tubs / Shower Pans	2 Weeks
Final Clean	Install Carpet, Install Base, Toilet Accessories	Punchlist	1 Week
Deliver Pans (3 Levels), Set Tubs / Shower Pans	Backing with Bathroom, Resilent Clips at Bathroom, Drywall at Tub/Shower, Fire Caulk @ Tub:	Install Window Frames, Glass Installed, Window Caulking, Spandrel Insulatior	1 Week
Framing/Drywall at FCUs, FCU Piping, Set FCUs & Install T-Stats, Complete Elec. Rough-In	Frame Remaining Walls, Revise Door Openings, Framing/Drywall at FCUs, FCU Piping, FA/TELE Testing	Inspections, Complete Wall Close-In Punch List Items	1 Week
Prime Paint, 1st Coat Paint	Tile Flooring, Knock Down Frames (CY), Barn Doors (RI)	Paint HM Frames, Wall Paper	1 Week
Install Window Frames, Glass Installed, Window Caulking, Spandrel Insulatior	Deliver Pans (3 Levels), Set Tubs / Shower Pans	Frame Remaining Walls, Revise Door Openings, Framing/Drywall at FCUs, FCU Piping, FA/TELE Testing	2 Weeks
Frame Remaining Walls, Revise Door Openings, Framing/Drywall at FCUs, FCU Piping, FA/TELE Testing	Install Window Frames, Glass Installed, Window Caulking, Spandrel Insulation	Framing/Drywall at FCUs, FCU Piping, Set FCUs & Install T-Stats, Complete Elec. Rough-In	1 Week
Inspections, Complete Wall Close-In Punch List Items	Framing/Drywall at FCUs, FCU Piping, Set FCUs & Install T-Stats, Complete Elec. Rough-In	Drywall (Walls/Soffits), Insulation, Tape, Float, Sand Drywall, Ceiling Skim Touch-Ur	1 Week
Plumbing Rough-In	Fire Tape Drywall Ripper, Fire Caulking	Fire Sprinkler, Firestopping Penet., Shaft/Corridor Duct, FCU Ducting (RI)	1 Week - Levels 5 through 10, 2 Weeks - Levels 11 and up
Drywall (Walls/Soffits), Insulation, Tape, Float, Sand Drywall, Ceiling Skim Touch-Uរ	Inspections, Complete Wall Close-In Punch List Items	Shower Surrounds, Fire Caulking	3 Weeks
Interior Wall Layout, Roof Drains - Firestop, Floor Prep, Skim Coat Ceilings	Strip Re-Shores, Grind and Patch, Roof Drains	Wall Framing & Clips, HM Frames, 11" Upper Drywall Ripper, Shaft Wall - 3 Sides	1 week
Tile Flooring	Shower Surrounds, Fire Caulking	Tile Flooring, Knock Down Frames (CY), Barn Doors (RI)	1 Week
Electrical Rough-In	Framing/Drywall at FCU, FCU Piping, Set FCU, Run Thermostat Wire, Final FCU Connection	Electrical Rough-In, Fire Alarm Rough-In, Tele-Comm Rough-In, Pull Wire	1 Week
50% Re-Shores / Patch	100% Re-Shores / Patch	Strip Re-Shores, Grind and Patch, Roof Drains	A minimum of 1 week. Additional as needed
Tile Flooring, Knock Down Frames (CY), Barn Doors (RI)	Tile Flooring	Prime Paint, 1st Coat Paint	2 Weeks
Frame Entrance Soffit, Frame Bathroom Soffit	Fire Sprinkler, Firestopping Penet., Shaft/Corridor Duct, FCU Ducting (RI)	Framing/Drywall at FCU, FCU Piping, Set FCU, Run Thermostat Wire, Final FCU Connection	1 Week
Install Shelf/Vanity (CY), Install Kitchen/Vanity/Entry/Valence (RI), OFCI, Trim Out	Paint HM Frames, Wall Paper	Install Shower Doors, Plumbing Trim	2 Weeks
Install Shower Doors, Plumbing Trim	Install Shelf/Vanity (CY), Install Kitchen/Vanity/Entry/Valence (RI), OFCI, Trim Out	Final Paint, Install Doors / HW, Paint Doors	1 Week
Wall Framing & Clips, HM Frames, 11" Upper Drywall Ripper, Shaft Wall - 3 Sides	Interior Wall Layout, Roof Drains - Firestop, Floor Prep, Skim Coat Ceiling:	Fire Tape Drywall Ripper, Fire Caulking	1 Week
Strip Re-Shores, Grind and Patch, Roof Drains	50% Re-Shores / Patch	Interior Wall Layout, Roof Drains - Firestop, Floor Prep, Skim Coat Ceilings	A minimum of 1 week. Additional as needed
Install Carpet, Install Base, Toilet Accessories	Final Paint, Install Doors / HW, Paint Doors	Final Clean	1 Week
First Floor Shoring	Form and Place Deck, Vertical Concrete, Post Tensioning	100% Re-Shores/Patch	A minimum of 1 week. Additional as needed