

GC, Fixture, & Electrical Build Manual 2014



Forward			
This Build Manual is a pictorial and instructional guide intended to compliment the Architectural, Electrical, and Vendor Provided 20/20 Cabinet Drawings & Elevations which provide site specific details to be completed.			
The Build Manual is in same sequential order as the Phase Plan, work order is important. When processes overlap, one will be detailed, followed by the other(s), also in order.			
The Build Manual must be physically present on the job site. The Build Manual must be read by the Lead Carpenter & Finish Carpenter(s), Lead Electrician and Superintendent prior to starting work and then used for reference during implementation.			
This Build Manual defines required methods and outcomes This Build Manual Only details work in the PAC Space, there will be other work happening in the Best Buy space that is part of the overall project.			
Contractor Field Resources for PAC Deployment			
Architectural and Electrical Drawings Project Mates Website-Online access to Architectural and Electrical Updates PAC Build Manual, which includes the Phase Plan for PAC and example Phase Elevations that falls within the overall Phase Plan of the Project Cabinet Elevations & I-Wall Layout-Vendor Provided Best Buy will supply a Field Deployment Manager that will be physically present nightly and will coordinate the merchandising re-flow work required to make space for PAC as wells as any other scope planned in the Best Buy store such as carpet replacement or fixture reflow. The Field Deployment Manager will work hand in hand with the GC and trades to accomplish nightly goals and act as a liaison with the Best Buy retail team. After the Space Clearing phase in the PAC area, Best Buy will assign a PAC Lead that will assume all the coordinating activities in the PAC space from the Best Buy FDM: Validation of work, Phase Plan execution, pre-merch, and merchandising responsibilities as well as liaison with the PAC Retail Team. Once the PAC Lead is on-site the PAC Lead is the Single Point of Contact for all PAC related questions or issues and the Best Buy FDM if still on-site transitions to Best Buy related questions scope only. It is imperative that the GC and trades understand this transition in leadership as PAC gets underway. The PAC lead will work the same schedule as the GC until the end of the Project.			



General Project Requirements-Pacific Kitchen & Home

GC is to provide dedicated trade resources in the PAC Space for Electrical, Cabinet (Carpenter), & Fixture until all the work in the PAC space is complete (Dedicated means not working on scope outside the PAC space unless all scheduled work in the PAC space is completed first). The only exception would be if continued work is not possible. Paint, Floor, and Framing Trades can be shared so long as Intermediate Milestones are hit.
The PAC Project is Phased for 4 or 5 Weeks, The I-Wall and Cabinet Build are scheduled for <u>6</u> days within the Phase Plan. There is not an option to spread the scope over the length of multiple weeks or the length of the project; resource accordingly.
Intermediate Milestones are identified in a sequential order, completion of one step allows trades, merchandising support, and/or retail to proceed to the next. It is possible for a work stoppage to occur from failure to hit an Intermediate Milestone.
In addition to completing all planned scope by the Final Turnover Date, Intermediate Milestones must also be completed on time. Any failure to hit an intermediate Milestone(s) puts the opening schedule at risk and Liquidated Damages will be assessed daily until the GC is in compliance.
Contractor is expected to supply the headcount and skill set required to hit all the Intermediate Milestones and Scope Completion within the designated time frame of the Project.
Intermediate Milestones are designated with the following marker: ��
All mobilization efforts must be completed prior to the project start. On night one of the project all scheduled trades must be in place and provisioned with all tools and materials needed to complete the project scope.
Work should begin in the PAC space on night one unless the store has MDC scope and is scheduled for 9 weeks.
Due to the high degree of precision required when installing the PAC Cabinets, PAC will have internal or 3^{rd} Party Quality Control representatives on-site daily or periodically throughout the project to validate that all work is being completed to the required level of accuracy and that the Phase Plan is being met. The measure of accuracy is true or within $1/16$ " on the plus side on all cabinet measurements in all directions.
This PAC Project is overnight the first 2-3 weeks then flips to days on the last 2 weeks, plan accordingly. All heavy, messy, or noisy should be completed during the overnight weeks
Skill Set for Cabinet Installation: ☐ Finish Carpenters with multi-year 'kitchen-style-cabinet hanging' experience. ☐ General Fixture Installers experienced working in retail environment (metal fixtures, hanging fixtures, demo, etc.) who can assist. ☐ Supplement with general labor as needed

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Required Tools

This is the minimum required tools list and all tools will be inspected by Pacific Sales Representatives while on-site to verify minimum requirements are met.

12" Chop Saw for metal studs & uni-strut		
Skill Saw – 7 ¼"	Kreg Jig K4 Pocket Hole System	
Wet Saw for cutting glass tile at backsplash	Includes everything pictured here.	Click thumbnail to see larger
Miter Saw		image
10" Table Saw	1777	
Jig Saw		
Pocket Hole Jig (See pic)	59	
Reciprocating Saw		
Cordless Screw Gun		
Hole Saw Kit – need 1 ½" and 2" bits	1333	
Hammer Drill for appliance racking & I-Walls	LAN LAND	
Shop Vac with clean filter		
18 Gauge Pin Nailer		
Palm Sander (MDF panel finishing)		
Powder Actuated Tool (Shooting 1" Pins to an	chor I-Walls	
6' Ladder – must have for cabinet installation		
Framing Square		
Speed Square		
Chalk lines		
Painters tape to mark placement of I-Walls, ca	abinets, other fixtures	
4' Level		
6' Level		
Laser Level		
Pry Bar		
(2) Cabinet Clamps		
(8) Vice Grip Clamps		
Cable Cutters & Crimpers		
Aircraft Cable – 1/16" 400 ft.		
Allen Wrench – 1/8" – PAC Ceiling grid – 'Clo	ud'	
Adjustable wrench – PAC Ceiling grid – 'Cloud	,	
Disposable sponge paint brushes (for stain)		
Door Handle Jig- (this you will make onsite)		
Masonry bits to drill thru glass backsplash tile	es .	
Sharpie- Magnum size (painting raw edges)		
Clean cutting tent		
3/16" x 4 ½" drill bit needed for Tapcon		
Counter Sink Drill Bits		
High Speed Drill Bit		
½" masonry drill bit for wedge anchors		5
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Required Tools (Cont.)

This is the minimum required tools list and all tools will be inspected by Pacific Sales Representatives while on-site to verify minimum requirements are met.

Johnson Pry Bar



Heavy Duty Fixture Skate



Required Tools (Cont.)







- In order to keep the Pac Sales area as clean as possible and not track sawdust & debris throughout the area and store, cutting will be done in a Clean Cutting Tent. This will need to be set up in the Pac Sales space Week 4. Make sure Masonite is placed on the floor in the Clean Cutting Room to protect the floor.
- DAILY: The GC is to keep a clean job site with floors clean of debris & swept daily including clean cutting tent. Construction area will not be enclosed it is exposed (visible) to the open Best Buy Sales Floor.
- Trash and boxes are to be disposed of and not left to pile up in the work area.
- Materials to be cut include but are not limited to:

MDF, Plywood, Cooktop Panels, Face Panels for cabinets, 2"x4" boards, Filler boxes, misc. wood & fixtures for kitchens, etc.

Hardware & Materials Provided by Fixture Contractor

	#8-1" self tapping sheet metal screws for I-Wall (connecting segments – 10lb. (est.)	
	2" Wood Screws – 10lb. (est.) (cabinet to I-wall)	
	2" Self Tapping Screws 5lb. (est.) (Slide in Range to Perimeter Wall)	
	1 ¼" Wood Screws – 15lb. (est.) (cabinet to cabinet)	
	1 ¼" Face Frame Screws – 5lb. (est.) Reuse (use with pocket jig)	
	8) 3/8" Eye Bolts with nut & washer (Ceiling Grid Panels)	
	2 ½" Fine Drywall Screws – 5lb. Box (face frame to face frame)	
	"L" Brackets – 2" (CDR, Refrigerator, & dishwasher bulkheads to back wall)	
	Composite Shims (15 packages)	
	Various screws (Drywall screws up to 3")	
	Hilti Kwik Bolt 3 (1 ½"d x 3"l) TZ (Wedge Anchors) (C-Cap to floor)	
	Hilti X-U Fastner (1" pin) (Shooting I-Wall to Floor)	
	Fine Thread Wood Screws for hard wood cabinets	
_	□ 1 ¼"	
	□ 15/8″	
	□ 2"	
	□ 1½″	
	□ 2 ½"	
	Visqueen Barrier 5mil to hang from ceiling to floor, separating the space during floor	
	work or drywall work	
	Masonite or Heavy Cardboard to protect flooring from lifts.	
	Tent for Clean Room	
	2) ¾ " Plywood sheets (ceiling panels)	
	Bondo (finishing MDF panels)	
	Bondo hardener (finishing MDF panels)	
	2x4s	
	2x4 Blocks for cabinet spacing (range locations only)	
	☐ CDRs only if they are against the perimeter wall (3 x the length)	
	☐ 1 at floor level, and 2 at 8' AFF the length of the CDR cabinet display	

1 or 2 Weeks (Validate Store Specific Plan)

CONTRACTOR SCHEDULE

- Sunday Thursday Overnight 9 PM Start
- Best Buy Field Deployment Manager will be on-site to coordinate all work in the building

PROJECT TEAM SCHEDULE

Sunday – Thursday Overnight 9 PM Start

RETAIL STATUS-OPEN DAILY (Regular Hours as Best Buy)

Best Buy Store & Appliances is open for business regular hours in condensed space

	PROJECT TEAM WEEK 1
PROE	JCT TEAM SPACE CLEARING-WEEK 1
	De-Merch Top Stock from all High Bays and Racking in the Appliance Space
	De-Merch Best Buy Appliance Vignettes (when present)
	Temp One Appliance POS near Small Appliances, all other IT equipment removed
	Daily, Store will be in the major Appliances business everyday with product that will ultimately be purchased by PAC: 100-120 units. In addition there will be any remaining unsold product. This product will need to be moved in-an-out as needed for construction during the week, each day it should be left in a prominent position and well merchandised
	Scrim Line may be relocating, remove and re-install scrim graphics as needed
TYPIC	CAL (Most Stores)
	Car Audio Reflow/Reduction, demo of boom room if present, and set new Car Fi-PODs if planned
	Reflow Center of the Store for racetrack move (all planograms do not need to be set week 1, but the area needs to be set to the new footprint
TYPIC	CAL (C-5 Stores)
	Reconfigure or Relocate Customer Service (reference phase plan for exact timing)
	Flip Flop of Departments (Appliances with Video Games/Mobile Electronics)
PROJ	ECT TEAM BUILD-WEEK 1
	PAC Coming Soon Poster Stands built and set
	Build Small Appliance Smash Tables and Low Bay gondola & Set Planograms (temp placement ok)
	Install Graphics on Smash Tables
	Set Floor Care and Traffic Appliance Planograms on perimeter racking once it is set
	Re-Stock Small Appliance Overstock in the Best Buy WH Per the new map
	Set Dyson Planogram (dress kit will arrive during PAC Merchandising)
	TDL-Bulk Cable Pulls Complete
	TDL-Warehouse, IDF, and Comm. Room Scope Complete
	TDL-Printers connected in Comm. Room and Programmed
	TDL-All Images Loaded-PAC Secure CRT
□ 	At the end of week one the PAC area must be completely cleared with all perimeter racking set, smash tables and gondolas built, and all planograms set. Appliances and any items related to PAC Construction can remain in the Appliance Space so long as they are organized.
*	Area should not appear like a storage container, the electrician and other trades should be using their storage containers for excess materials. Store is open for business daily.
*	Daily Photos of all areas worked in PAC, Photos should include all items with a check box for week 1 for the Project Team, Fixtures, Electrical, and General. action shots are ok showing persons actually performing task, and a daily picture of how the cleared space and minimum appliance presence is being presented.

1 or 2 Weeks (Validate Store Specific Plan)

FIXTURE WEEK 1

*	Required: Dedicated Fixture resources in PAC, in addition to what is needed to support work elsewhere
	in the store such as carpet and transformation scope.

FIXTURE DEMO WEEK 1 Demo of Over Rack per map Reconfiguration/Demo of Perimeter Half Rack (demo unused sections) Relocation of Half Rack on the perimeter of the PAC Space within the space or elsewhere per the map Demo of Perimeter Appliance WH Racking, beams and platforms will be reinstalled in he PAC sections identified in the WH Reconfiguration of Half Rack and/or Over Rack Displays in the adjacent Department(s) Typical is Car Audio and/or Customer Service Examples: Demo of Boom Room or Car Fi PODs (per map) Relocation/Reconfiguration of Customer Service (check map) Building of Aux. WH by repurposing high bay gondola parts (per map) **Demo of existing Appliance Vignettes** Demo of all existing aerial elements such as scrims and one of the following: arch, flat, or canoe (all stores) Scrims may be used in other departments where demo is happening Demo or re-purpose Banner Rods (typically 1 per store) Any other reconfiguration work in or adjacent necessary to clear space for the PAC and to set the store to the new map Install Visqueen Barrier if required due to floor prep, room demo, or drywall as needed or on Thursday prior to departure **FIXTURE BUILD WEEK 1** Install PAC Coming Soon Banner (12ft AFF, Level, Supported full length at top and bottom with conduit) Install PAC Ceiling Collar-1 per store, the Collar needs to be built to completion including cross bracing cables Install PAC Ceiling Grids-2 per store, the Island Hood Cloud needs to be built to completion including cross bracing cables and installation of panels per the instructions located in this manual Install beams and platform in PAC sections of WH (bend over cornice clips) Build and/or Reconfigure all of the Perimeter Racking in the PAC space per the new map (reuse of fixtures) All PAC high bays receive new windowless cornice Build Dyson Focal with Metal Dress Kit □ ✓ At the end of week one the PAC area must be completely cleared with all perimeter racking set. Appliances and any items related to PAC Construction can remain in the Appliance Space so long as they are organized. Compete furring if required on Range/OTR (SIR) Wall *

- Area should not appear like a storage container, the electrician and other trades should be using their storage containers for excess materials. Store is open for business daily.
- * Chalk line for I-Walls per the F-1 Map (note the relation on the clouds to the location of the I-Walls)



WEEK 1 DELIVERIES:

All Metal Fixtures Sunday 9 PM including PAC Smash Tables

1 or 2 Weeks (Validate Store Specific Plan)

ELECTRICAL WEEK 1

*	Required: Dedicated Electricians in PAC, in addition to what is needed to support work elsewhere in the store such as carpet and transformation scope.
	Electrical Contractor provides their own scissor lifts, need sufficient lifts and crew to support both the PAC Work and Best Buy Scope happening simultaneously. In some cases MDC will also be happening.
ELEC	TRICAL DEMO WEEK 1
	Disconnect power on all fixtures in Appliances or adjacent departments required to clear space
	Demo of electrical on over rack and half rack that will not be reused in Appliances or adjacent departments (lighting and power)
	All Floor Boxes (or power in trench system 2 weeks Space Clearing stores), leave brass plates with Store Manager
	Relocation Stores: All disconnects at the closing location will need to be completed on Wednesday and Thursday between the hours of 9:30 AM and 6 PM (week 2 on a 6 week calendar)
ELEC	TRICAL BUILD WEEK 1
	All Overhead Work in PAC Completed including but not limited to installation of conduit and/or distribution boxes for home runs with wire pulled ready to drop directly down once fixtures are installed
	Perimeter Power dropped for PAC Vignettes and Refrigeration
	Drops completed to Clouds (j-boxes affixed to Island Hood Cloud, Track installed on Pendant Lamp Cloud, do not install pendant lamps
	Power for Temp POS
	Reconnects on all relocated fixtures
	Any other electrical work required to set the store to the new map, not specifically identified herein Re-installation of Lighting on all relocated half rack
	Verify Pendant Lamps and Power Bars are physically present on-site, there is no re-use of power bars
	Scheduled Electrical Rough-in Inspection-Tuesday Next Week
	May need to install 4" conduit for LV into Communications Room
*	Amp components may not be re-used in the PAC Space
	PAINT WEEK 1:
*	Start on Sunday Night, I-Walls and Floor will also begin install on Sunday Night
	Sunday-Tuesday: Perimeter Wall & Column Paint, Start Opposite Floors and I-Walls (Right Side of Department
	Monday: Paint Back Splashes (Comes pre-painted, check for any damage and touch up if needed)
	FLOOR WEEK 1 (4 Week Calendar-Most Stores)
	In many cases when the pre-existing VCT in the Best Buy Appliance area is in good condition, it can remain in-tact, and the LVT can go over the prepared surface atop the VCT: any damaged tiles would need to be replaced, edges floated widely, and floor boxes removed and filled-in.
	VCT Demo: When the pre-existing VCT is in poor condition and needs to be removed this work should start by the final night of week one. If the VCT will be demo'd, the GC needs to have appropriate mechanized equipment on-site such as a 'Terminator' to remove the VCT.
	Condition of VCT needs to be determined prior to Project Start to determine whether or not a complete demo is required; coordinate with the Best Buy Construction Project Manager 11
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1 or 2 Weeks (Validate Store Specific Plan)

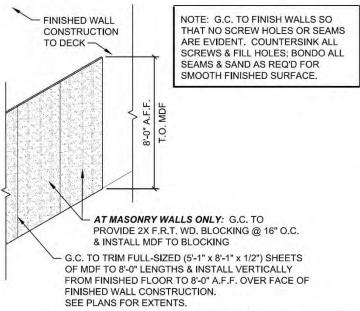
GENERAL WEEK 1

GENERAL DEMO WEEK 1 Scope Varies by Store reference map, scope may include but is not limited to:

- Floor: Demo floor boxes / trench; crew, begin in space cleared by Project Team (note that Appliances will re-open every day in a reduced space. (All Stores)
- ☐ Demo of pre-existing Speaker WH (check map-not typical)
- ☐ Closure or Move of WH entrance (check map-not typical)
- ☐ Any other Demo of Walls/Rooms as indicated on map (check map-not typical)
- ☐ Provide Scissor 2 Scissor Lifts for BBY Project Team

GENERAL BUILD WEEK 1

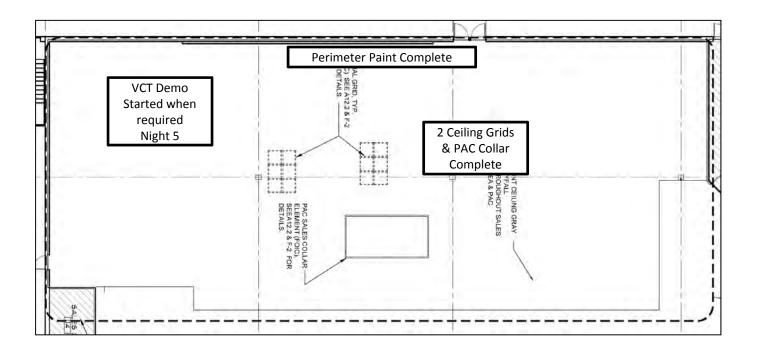
- Hang visqueen barrier floor to ceiling to enclose any Demo Work and or any adjacent dry wall scope such as MDC adjacent to PAC, Demo of Speaker Room, etc.
- GC provides scissor lift(s) for BBY use (LV), all trades will need to provide their own
- Typical: Fur Range/OTR (RWD.2.0)Wall when against a masonry wall (See Detail), not required when Range/OTR (RWD.2.0) is against dry wall. an I-Wall. or mounted back to back against the oven fixtures.

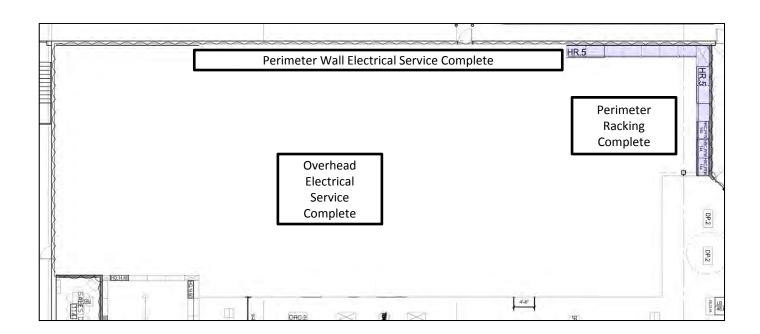


MDF @ PERIMETER WALLS (TYP. FOR SIRS; ONLY WHERE NOTED FOR DOUBLE OVENS)



1 or 2 Weeks (Validate Store Specific Plan)





PAC Fixture Build - 6 days

WEEK 2 (Week 3 if 2 Weeks of Demo-Space Clearing):

CONTRACTOR SCHEDULE

- Sunday Thursday Overnight 9 PM Start
- Best Buy Field Deployment Manager will be on-site to coordinate work in the building overnight

PROJECT TEAM SCHEDULE

- Sunday Thursday Overnight 9 PM Start
- PAC Lead Starts on Sunday, and will assume responsibility in the PAC space

RETAIL STATUS-OPEN DAILY (Regular Hours as Best Buy)

Best Buy Store & Appliances is open for business regular hours in condensed space

	DDOIECT TEAM MEEK 2 (Week 2 if 2 Weeks of Dome Space Clearing):
	PROJECT TEAM WEEK 2 (Week 3 if 2 Weeks of Demo-Space Clearing): Best Buy Project Team: Scope entails removing BBY Appliances, and then re-setting daily to allow work to continue on the floor by night, and Appliances to stay in business by day. Product counts will be up to 150 units.
	CS and I-Wall space clear
	Serial Number Capture, Product List Validation, GNFR Check-in, Pre-Merch
	TDL-Complete all Drops to PAC CS Desk, Terminate and Test (Thursday)
	Move Temp Appliance POS to PAC Customer Service Desk (Thursday)
	FLOOR WEEK 2 (Week 3 if 2 Weeks of Demo-Space Clearing):
*	Start on Sunday Night, I-Walls will begin on Sunday Night
	Must start on the 'Left' side of the department closest to the vignettes
	Light Floor Demo and install will happen on the same night as install, If all VCT is being removed, prep should start Week 1
	Floor must be prepped and completely smooth to prevent telegraphing (bolts hammered down, rubble and debris removed,
	☐ Floor Boxes need to be patched over and feathered out smooth
	☐ VCT transitions to concrete need a wide feather
	☐ Trenches must be feathered per the demo plan, prior to floor installation
	Verify a 1/2" expansion joint is maintained around all walls, I-Walls, and anchored fixtures
	Transitions are called out on the A3.0 Plan (verify use of most current plan set, not bid set)
	Need to complete approximately 2000 sq. ft. per night
	Night 4 complete all flooring and all transitions joints
	Install Base Cove on all exposed Walls
	PAC Flooring Complete by Wednesday

PAC Fixture Build – 6 days

FIXTURES & ELECTRICAL WEEK 2 (Week 3 if 2 Weeks of Demo-Space Clearing):

- Start on Sunday Night, Floor will also begin install on Sunday Night
- Required: Dedicated Fixture resources in PAC, in addition to what is needed to support work elsewhere in the store such as carpet and transformation scope.



SUNDAY DELIVERIES:

Sunday 9 PM: I-Walls & C-Caps

1-2 Trailer(s)

SUNDAY-FIXTURES (START 6 DAY BUILD)

- Unload Trailer (I-Walls and C-Caps), I-Wall Layout & Elevations will be strapped to one of the pallets on this truck (locate prior to starting)
- Install I-Walls including perimeter, MUST BE COMPLETED NIGHT 1, <u>build each individual I-wall to completion including anchoring and installation of the stiffener one at a time</u> in order to allow electrical and flooring work to proceed vs. building all the I-walls and then going back and performing all the anchoring and installing all the stiffeners (Inspection Ready at end of shift)
- ☐ Walls must be installed Level-Plumb-Square. An indication this is being done is the presence of shims
- Start on Left Side of Department in order to complete for floor work to continue unimpeded (must start on same side as flooring is started)

SUNDAY-ELECTRICAL

- ☐ ⚠ Start Rough-in work as soon as the first I-Wall is stood up, anchored, and the stiffener installed
- Install Fixture Extensions as soon as I-Walls are installed, work in all areas where floors are not being installed.

MONDAY DELIVERIES:



Monday 9 PM: (Pac Freestanding built-in fixtures) Slide-in-Range Display, Oven Display, Counter Depth Refrigerator Display, Install complete on night of arrival where flooring is complete 1 Trailer

MONDAY-FIXTURE

- Unload Trailer
- ☐ Install Slide-in-Range Display
- ☐ Install Oven Display
- ☐ Complete Bondo repairs (if needed)

MONDAY-ELECTRICAL

- Complete I-Wall Rough-in (Inspection Ready at end of shift)
- Continue electrical scope across the top of the I-Walls for Refrigeration, Ovens, and Hoods
- ☐ All I-Wall Fixture Extensions dropped



TUESDAY DELIVERIES: (Freestanding fixtures)

Tuesday 9 PM: PAC Customer Service, PAC Employee Stations, Dishwasher Doghouses

1 Trailer, Install complete on night of arrival

PAC Fixture Build – 6 days

FIXTURES & ELECTRICAL WEEK 2 (Week 3 if 2 Weeks of Demo-Space Clearing): * Required: Dedicated Fixture resources in PAC, in addition to what is needed to support work elsewhere in the store such as carpet and transformation scope. **TUESDAY-FIXTURES** Unload Trailer(s) □ ✓ Install PAC Customer Service and Employee Station Desks in order to allow the electrician time to install power, must be installed to completion including Counter Tops and Shroud on the Customer Service Desk. PRIORITY MUST BE COMPLETED TUESDAY AS THE FIRST ACTIVITY OF THE NIGHT if floors are completed, if floors are still in progress, complete by the end of the shift. Complete Counter Depth Refrigerator Display (Floor Permitting) Install Dishwasher Doghouses, to completion including leveling, securing to one another, and installing black metal toe kick Complete all cutout for DW Doghouses **TUESDAY-ELECTRICAL** ■ ◆ DAY-ELECTRICAL ROUGH-IN INSPECTION fixture extensions, drop and install power to the PAC Continue with drops to freestanding area areas where floors are not being installed. Install Fixture Extension in Freestanding as floors are Completed **WEDNESDAY OR THURSDAY DELIVERIES:** Wednesday 9 PM: PAC Cabinets from Welborne **WEDNESDAY-FIXTURES** Unload Trailer & Stage Cabinets (each box is labeled matching the label on the wall elevation to which it belongs) No cabinets should be opened or started until the following are completed: Slide-in Range Display, Oven Display, Counter Depth Refrigerator Display, PAC Customer Service, PAC Employee Station, C-Caps, I-Walls, Collar and Clouds Staging of cabinets 100% complete, Begin Cabinet Installation 30% complete

WEDNESDAY-ELECTRICAL

■ ◆ COMPLETE drops and receptacles to freestanding area

Continue to complete work across the top of the I-Walls to support refrigerators, ovens, & hoods

THURSDAY-FIXTURES

Continue to complete the remaining 70% of the cabinet installation

THURSDAY-ELECTRICAL

COMPLETE work across the top of the I-Walls to support refrigerators, ovens, & hoods

PAC Fixture Build – 6 days

WEEK 3 (Week 4 if 2 Weeks of Demo-Space Clearing):

CONTRACTOR SCHEDULE

- Sunday Thursday Overnight 9 PM Start
- PAC Lead will coordinate overnight work in PAC (Lead is on a 6 Day Work Week)
- BBY Field Deployment Manager or Designated Person will cover day shifts in PAC

PROJECT TEAM SCHEDULE

- Sunday Thursday Overnight 9 PM Start (PAC Lead Sunday Friday)
- Monday Friday Days 6 AM Start (Headcount 2, incl. DFT)
- Monday Tuesday Day TDL, DFT on day (IT Turnover is on Tuesday)

RETAIL STATUS-OPEN DAILY (Regular Hours as Best Buy)

- Best Buy Appliances to remain in PAC Space or be transferred to sister store.
- Best Buy Staffed in Appliances through Saturday (last day in Best Buy Appliances in Tuesday)
- PAC OPEN FOR BUSINESS IN FREESTANDING ON REGULAR HOURS beginning on Wednesday

PROJECT TEAM WEEK 3 (Week 4 if 2 Weeks of Demo-Space Clearing):
Sunday-Pre Merch
TDL & DFT-Monday, Device Set-up and Testing, AT&T Set-up
Monday Overnight-IT Testing
TDL-Tuesday, IT Turnover & Phone Training, Punch List turned over to DFT
Tuesday-Thursday Overnight Truck Receiving, store opens following first truck on Wednesday

TRADES WEEK 3 (Week 4 if 2 Weeks of Demo-Space Clearing):

Required: Dedicated Electrical resources in PAC, in addition to what is needed to support work elsewhere in the store such as carpet and transformation scope.

ELECTRICAL WEEK 3

 Continue electrical scope across the top of the I-Walls for Refrigeration, Ovens, and Hoods, work in all areas where floors are not being installed.

PAINT WEEK 3

NONE

FLOORING PAC WEEK 3

NONE

PAC Fixture Build – 6 days

FIXTURES WEEK 3 (Week 4 if 2 Weeks of Demo-Space Clearing):

- ** Required: Dedicated Fixture resources in PAC, in addition to what is needed to support work elsewhere in the store such as carpet and transformation scope. (Recommended 6 person crew with
- to

	at least 2 finish carpenters with cabinet hanging experience.)
*	This is the last week of overnight work in PAC, all contractor scope in PAC after this week moves to DAY SHIFT
SUNI	DAY OVERNIGHT:
	SUNDAY DELIVERIES:
	■ Islands & Countertops
	■ 1 Trailer
	Place/Connect Islands per map
	Complete Countertop Install
	Install Viking and Thermador full back splashes (glass tiles)
	Trim all shims
	Install Filler Boxes & Toe Kick
	Install Door Hardware
MON	IDAY OVERNIGHT:
	Cabinet Install Complete punch list
	Clean-up of grout & caulk lines Countertops & Back Splashes
TUES	DAY OVERNIGHT:
	Complete punch list
	Remove "Coming Soon" banner
WED	NESDAY OVERNIGHT:
	Complete punch list
THUE	RSDAY OVERNIGHT:
	Complete punch list
DAIL	Y:
	Remove/Discard Boxes & Trash
	Vacuum/Sweep
	Reset Perimeter Caution Tape

FRIDAY MORNING-PAC SUBSTANTIAL COMPLETION

PAC Fixture Build - 6 days

PROJECT TEAM WEEK 4 (Week 5 if 2 Weeks of Demo-Space Clearing):

CONTRACTOR SCHEDULE

- Sunday-Friday Day 6 AM Start
- PAC Lead will coordinate work in PAC
- BBY Field Deployment Manager if present, supporting PAC Lead

PROJECT TEAM SCHEDULE

Monday – Friday Day 6 AM Start Headcount 10 + PAC Lead)

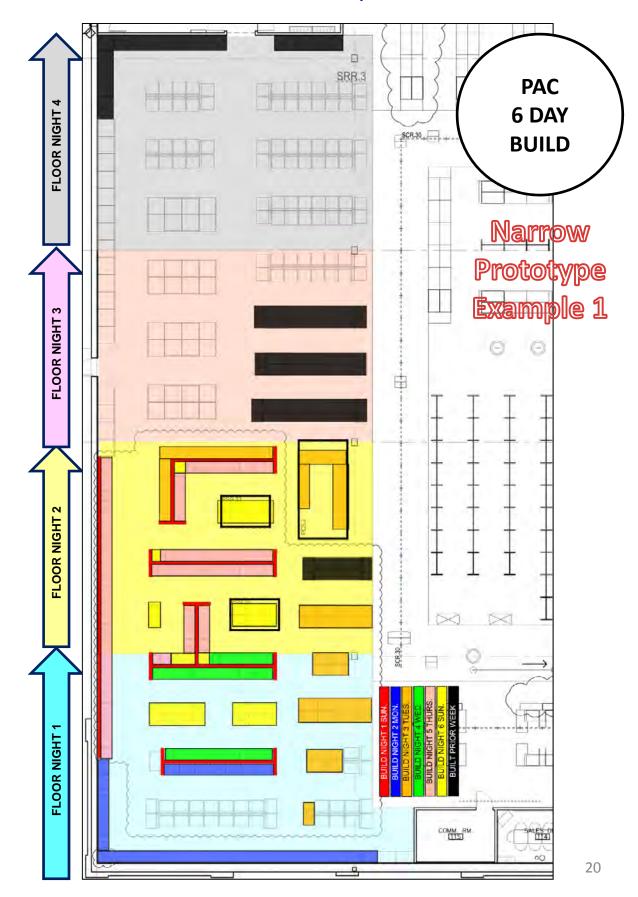
RETAIL STATUS-OPEN DAILY IN FREESTANDING

PAC OPEN FOR BUSINESS ON REGULAR HOURS, VIGNETTES open as product is installed and areas become substantially complete

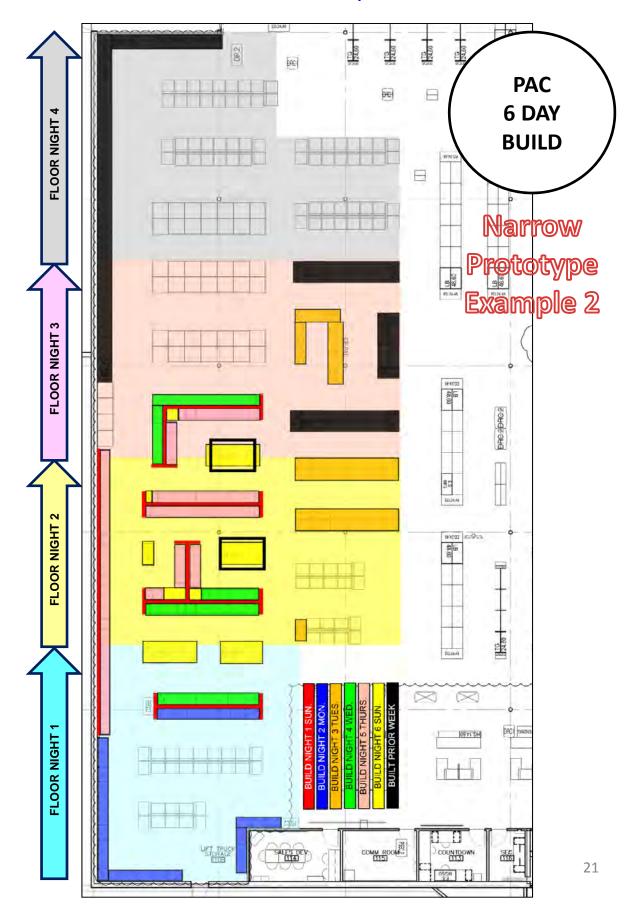
PROJECT TEAM WEEK 4 (Week 5 if 2 Weeks of Demo-Space Clearing):

	Vignette Product Receiving	
	Pro-Install	
	General Merchandising and Product Detailing	
	Complete Merchandising	
	Grand Opening Ceremony-Friday Morning 8 AM or 9 AM	
	TRADES WEEK 4 (Week 5 if 2 Weeks of Demo-Space Clearing):	
*	Required: Dedicated Electrical & Fixture resources in PAC, in addition to what is needed to support work elsewhin the store such as carpet and transformation scope.	ere
	TRICAL	
	COMPLETE ELECTRICAL SCOPE IN VIGNETTES	
	FINAL INSPECTIONS IF REQUIRED	
	Support Product Installation Hoods & Ovens	
	Install Pendant Lamps	ļ
EIVTI	URES-Plan Headcount: 1	
	Punch List	
	Product Fitment	
	Late arriving fixture installation	
FLOC	סר	
	Damage Tile Replacement by Tuesday	
	bumage the replacement by ruesday	
GENI	ERAL	
	Final Floor Cleaning will be completed on Wednesday or Thursday prior to 'Grand Opening'	
		ļ
PAIN		
	Touch-up-Wednesday	
I	19	

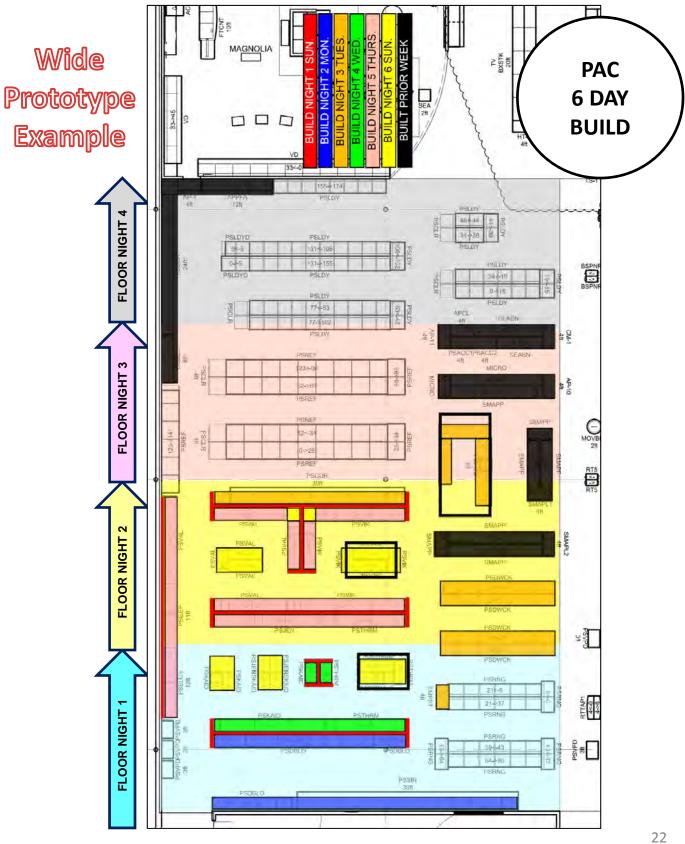
PAC Fixture Build – 6 days



PAC Fixture Build – 6 days



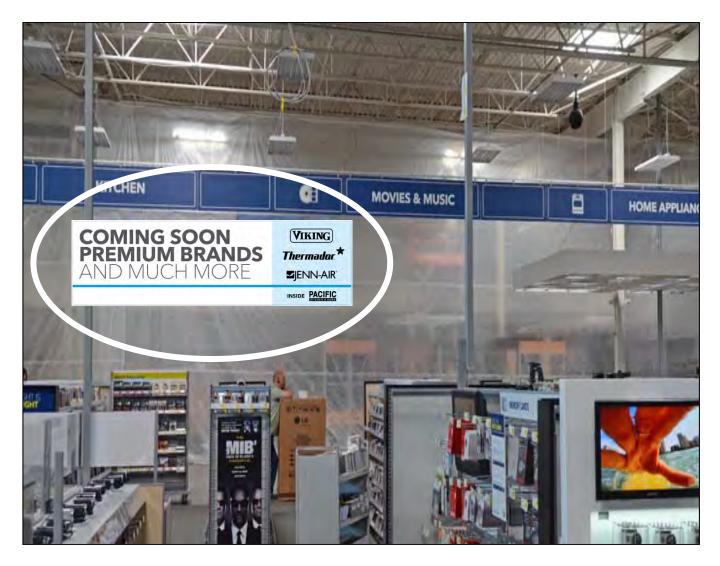
PAC Fixture Build – 6 days



Pre-Opening Graphics

Week 1

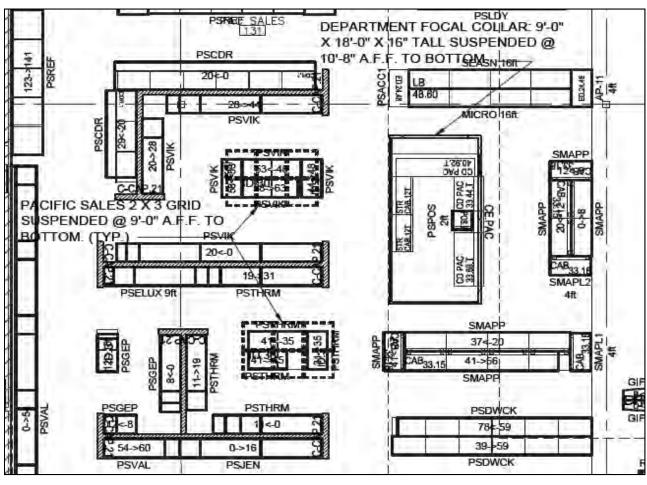
• Contractor responsible for install and removal of "Coming Soon" banner Night 1



- Quantity is one
- Banner must be supported on top and bottom with a joined piece of EMT conduit (for the continuous length without bowing).
- Banner must be level without wrinkles as illustrated.
- Use 1/16" Aircraft cable to hang banner.
- Center banner between the location of the Collar and the front of the store
- Hang at 12ft AFF to top of banner (not optional)
- Verify that banner is visible from entrance and not obstructed by columns

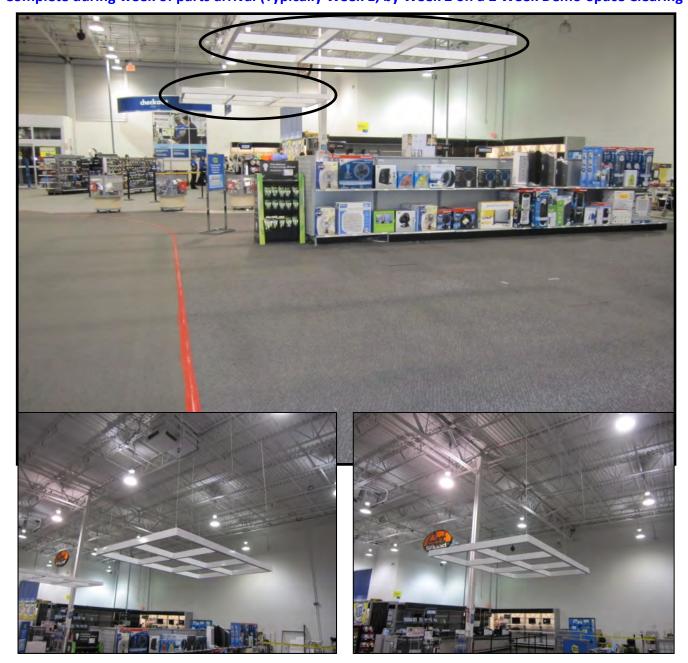
Cloud Install

Complete during week of parts arrival (Typically Week 1, by Week 2 on a 2 Week Demo-Space Clearing





Cloud Install
Complete during week of parts arrival (Typically Week 1, by Week 2 on a 2 Week Demo-Space Clearing



- Each location will have two PAC ceiling grids
- The Sample F-2 Fixture Sign Plan below shows a typical layout (always use store specific drawing):
- The F-2 Indicates the locations & height of the ceiling grids
- The ceiling grid is installed before any I-Walls or kitchen cabinets. This will always be installed centered between the I-Wall, Note this when laying out the I-Walls.
- AL Ceiling grids are to be installed to completion once started including all cross bracing and hood panels
- Ceiling grids require assembly

Complete during week of parts arrival (Typically Week 1, by Week 2 on a 2 Week Demo-Space Clearing



- This picture is for illustration only. Actual ceiling grid is 6' X 9'
- Assemble ceiling grid on floor, Appendix 2 includes detailed instructions & parts details
- Once a ceiling grid is assembled, scissor lifts can be used to raise it allowing the aircraft cable to pass through the grippers as it is raised incrementally until reaching the final height.
- Install diagonal cables (cross bracing) after the ceiling grid has been positioned with the vertical cables.
- The ceiling grid must be straight, level, and centered between the I-Walls per the F-1 Map. This must be verified AFTER the vertical and diagonal cables are installed.

Materials & Hardware needed to be supplied by GC

3 Plywood cut to 33 3 x 33 15/16" boards (cut to match white melamine panels that come with the ceiling grid)

1 ¼" Wood Screws

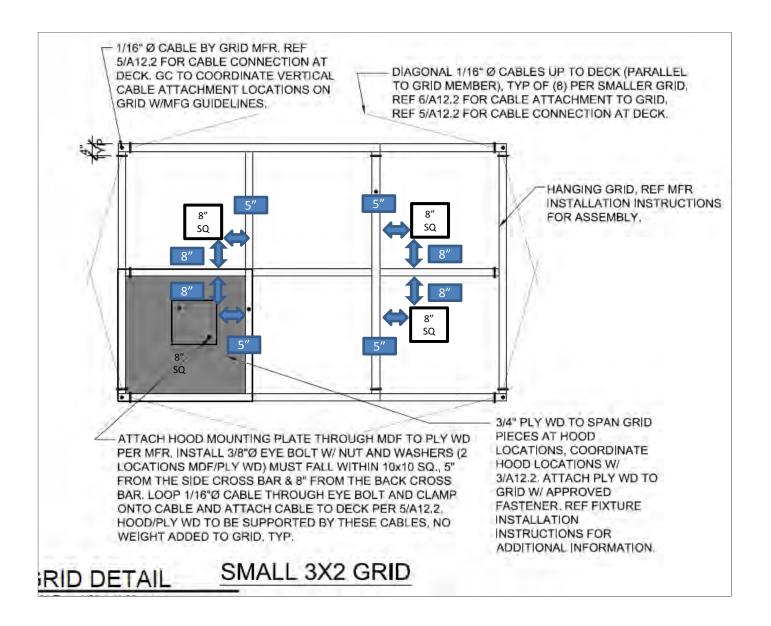
3/8" Eye Bolts with nut and washers (2 per hood panel)
Additional Aircraft Cable 400ft.
1/16" Cable (Cross Bracing)

Complete during week of parts arrival (Typically Week 1, by Week 2 on a 2 Week Demo-Space Clearing PAC Ceiling Grid Details

See Appendix 2 for vendor parts breakdown

Sample A12.2 Detail Pac Sales Reflected Ceiling Plan (always use store specific drawing)

- Indicates required cables and fastening
- Failure to follow any of the prescribed methodology can result in partial or total collapse of the cloud.



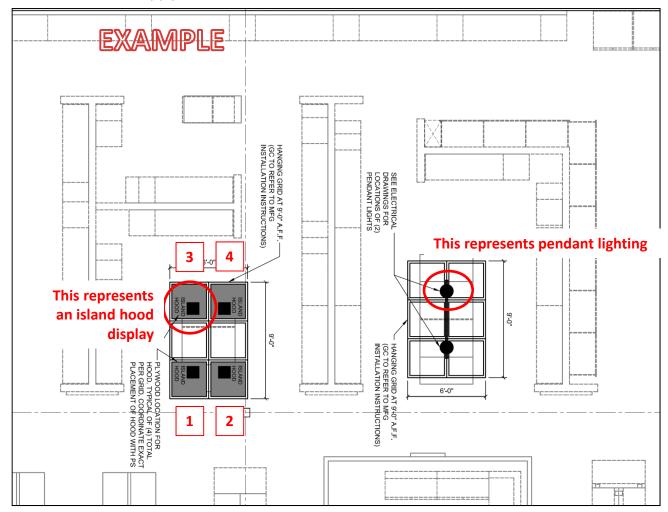
- The A12.2 Pac Sales Reflected Ceiling Plan has a detail to install 3/8" eye bolts with nut and washers (2 locations per hood panel through the plywood)
- Additional details on the Plywood Insert Assembly are on the following pages
- A Complete at the time of ceiling grid install

Complete during week of parts arrival (Typically Week 1, by Week 2 on a 2 Week Demo-Space Clearing PAC Ceiling Grid Reference

See Appendix 2 for vendor parts breakdown

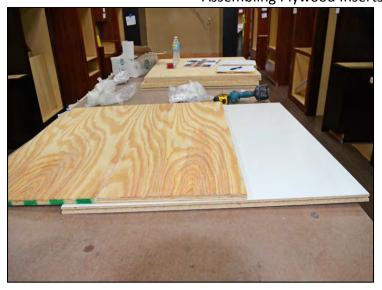
SAMPLE A12.2 Reflected Ceiling Plan (always use store specific drawing)

- Indicates location of island hoods (and pendant lamps-electrical scope)
- The island hood locations require additional installation of a reinforced plywood insert
- These are the only plywood inserts that should be installed

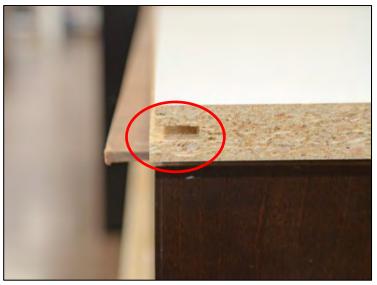


- Stores will have 4 island hoods installed on one of the ceiling grid fixtures
- The ceiling grid with island hood locations will require installation of plywood inserts
- Refer to your store specific A12.2 Reflected Ceiling Plan for the location of the plywood inserts to be installed.
- The electrician will install electrical to the island hoods per their store specific electrical plans.
- A 3rd party will install the hoods on the final week

Complete during week of parts arrival (Typically Week 1, by Week 2 on a 2 Week Demo-Space Clearing
Assembling Plywood Inserts for Island Hoods



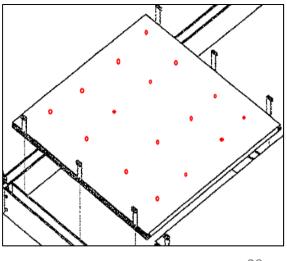
- Note: There will only be four plywood inserts per store. The ceiling grids will ship with extra white melamine panels.
- Assembly of the insert requires attaching a matching size piece of plywood to the white melamine panels included with the cloud.
- Place the white melamine panel on a nonabrasive work surface.



 The melamine panel should have the extended lip facing down to the island.



Secure plywood to melamine panel in 16 locations with 1 ¼" screws as shown below.



Complete during week of parts arrival (Typically Week 1, by Week 2 on a 2 Week Demo-Space Clearing
Assembling Plywood Inserts for Island Hoods



- Install 6 clips on each panel (Included with cloud).
- 3 clips on opposite sides of the panel as shown.



A CRITICAL STEP

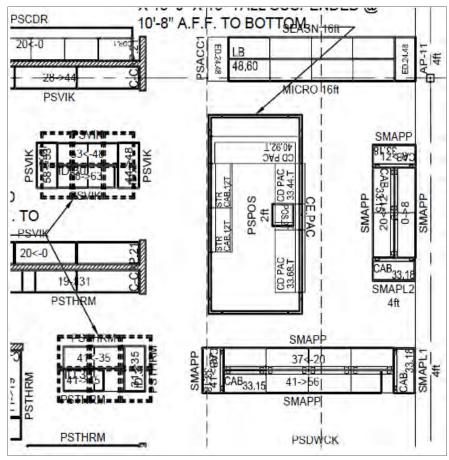
- Screw clip to plywood backer panel with 1 1/4" screws.
- NOTE you will need to pre-drill the holes on the clips so they are positioned to bite into the center of the plywood.



PAC Collar Installation

Complete during week of parts arrival (Typically Week 1, by Week 2 on a 2 Week Demo-Space Clearing





- Each location will have one PAC Collar, Owner Supplied
- The F-2, and A12.2 Shows measurements for placement. Reference store specific drawing for details.
- It will be positioned above the PAC Consultation Desk.
- The PAC Collar requires assembly

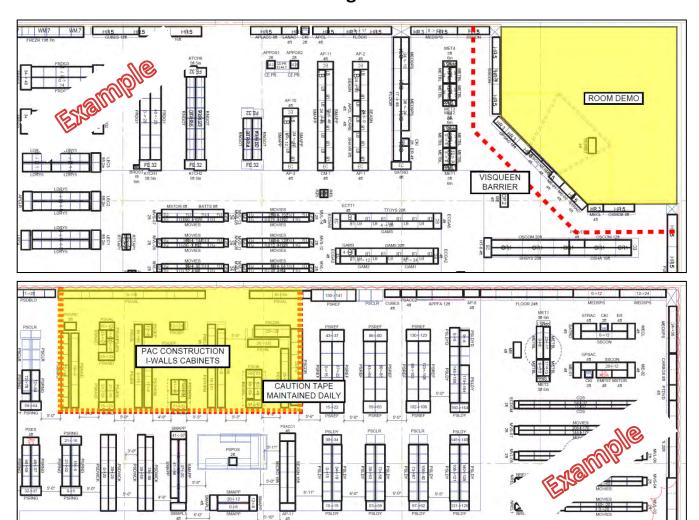
PAC Collar Installation

Install during week of parts arrival





Barriers During Construction



WEEK 1 (DEMO)

(WEEK 2 ON A 6 WEEK CALENDAR)

 Demo of existing VCT may be required, verify plan set. GC responsible for dust mitigation, space must be re-opened daily

NOTE

- A visqueen barrier is required during demo, or new drywall work and only in the area impacted, only use in floor prep if needed due to grinding/sanding.
- The barrier must be removed immediately following the described work, end of week 2 (5 wk. calendar) or end of week 3 (6 wk. calendar).
- The barrier cannot remain in place during PAC construction and merchandising. It is intended for the space be visible to the public.

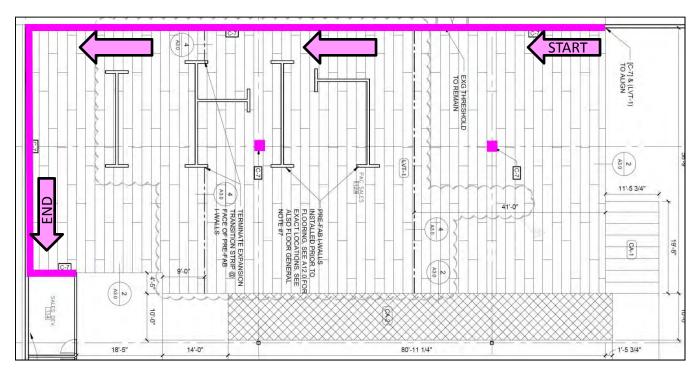
WEEK 2 (INSTALL)

(WEEK 3 ON A 6 WEEK CALENDAR)

- Work Zones must be roped off at 40" and 20" daily using caution tape pulled tight, must be maintained, and re-set daily (not twisted or falling). Public areas such as restrooms must be accessible daily.
- It is also intended that Best Buy remain open in Appliances throughout the project. The space indicated is an example of space that may be needed to display during the day, even while demo work is happening overnight.
- The Best Buy Project Team will move product out of the way at the start of the shift, and back in to place at the end of the shift and the barrier rolled up and clamped if a barrier is used around floor prep during the day.
- The contractor is entirely responsible for maintaining a clean, safe space. The store is open during the day.

33

Finishes



Paint A3.0

Perimeter & Columns

- Start on the Right side of the department working right to left
- Paint aligns with the LVT
- Columns within the PAC space are also painted
- Complete Sunday-Tuesday

I-Walls

- Back splashes come pre-finished from the vendor
- Reference 12.1 for colors backsplash colors, also indicated on the vendor elevations
- Complete any significant repair and touch up on Monday, prior to cabinet installation such as exposed screw heads, cracked bondo or gouges
- Final touch up will also be required prior to opening





Floor Install & Finishes

Week following Space Clearing, PAC Space Clearing will be 1 or 2 Weeks



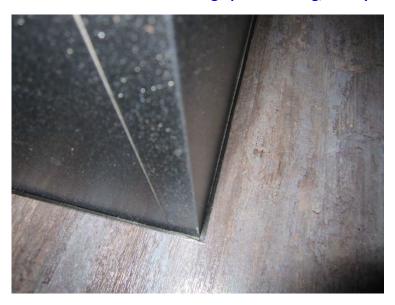
- Follow Manufacturer Guidelines for Installation
- I-Wall is installed prior to the floor tile
- Isom Installation needs to start on the SAME side of the store as the I-wall and installation starts the same night.
- All floor boxes need to be removed as part of prep (includes pulling all wire and filling holes)
- C5 Stores have trenches, reference Demo Plan D.10 for required prep





Floor Install & Finishes Week 2

Week following Space Clearing, PAC Space Clearing will be 1 or 2 Weeks



- I-Wall is installed prior to the floor tile
- Floor tile must be trimmed with a knife and a straight edge.
- Maintain a 1/2" gap between the tile and the C cap for expansion



 Tile straight edged, ready for color match caulk



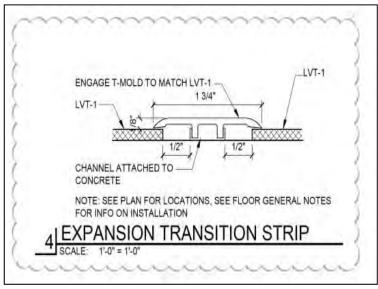
- Once floor tiles are installed, this 1/2" gap is filled with color match caulk
- Maintain a clean edge
- Keep caulk joint level with the top of the floor tile, do not over fill

Floor Install & Finishes Week 2

Week following Space Clearing, PAC Space Clearing will be 1 or 2 Weeks



- Transition (expansion strips) are needed for the floating floor
- Typically 2 or 3 per store, and where tile meets carpet (see A-3.0 for exact locations)



 Maintain a 1/2" gap between the tile and the metal channel of the transition strip (see next page for architectural detail)

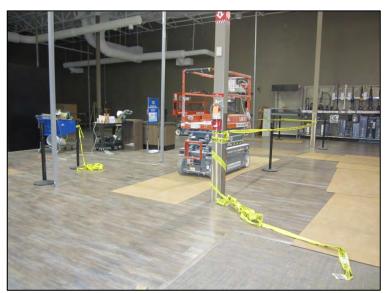


- Use masonite to protect floor
- Always drive scissor lifts on masonite, the wheels of a scissor lift will separate the tile s when the wheels are turned if they are in direct contact
- GC is responsible for all trades using scissor lifts

Floor Install & Finishes Week 2

Week following Space Clearing, PAC Space Clearing will be 1 or 2 Weeks







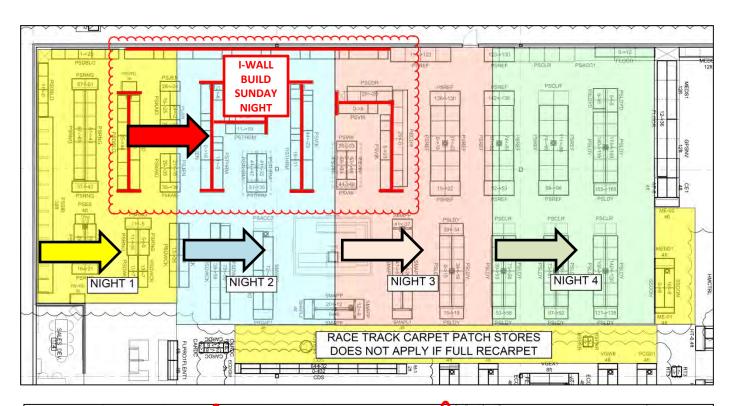
FLOOR PROTECTION

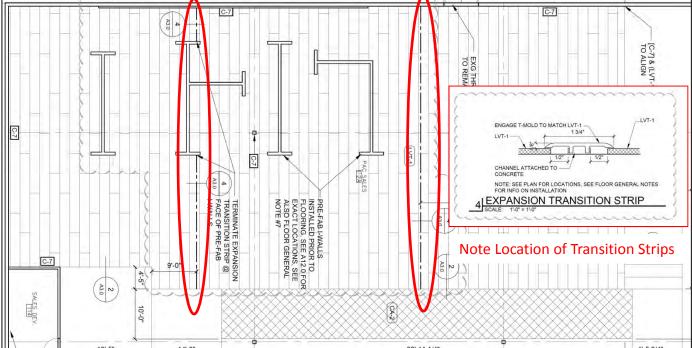
- Once floor prep begins, the Pacific Sales space will cease to be a storage area for excess fixtures, graphics, and/or non-Pacific construction materials
- The exception is Major Appliances that will continue to be available throughout the project
- FDM/GC need to monitor daily
- Pallets and pallet jack use on the LVT need to be kept to a minimum
- Pallets and pallet jacks need to be stored on masonite or cardboard, not the tile
- Scissor lifts need to be driven on masonite or cardboard
- Equipment such as pallet jacks and scissor lifts need their wheels checked daily for screws or debris that could indent or scratch the tile
- All employees and contractors need to be trained or reminded on the proper use of a pallet jack daily, there is zero tolerance for extended drag lines or gouges as a result of negligent pallet jack use
- When pallets are used, they need to be demerched and removed as quickly as possible (carried off)
- Never drag anything on the floor: pallets, product, or boxes including empty boxes
- If the store has restrooms, offices or a WH entrance inside the PAC space, both must maintain accessibility throughout the project.
- If the store has a WH entry in the PAC space the pathway should be protected during construction.

Week 2 Floor Phase (3 Day Installation)

Week following Space Clearing, PAC Space Clearing will be 1 or 2 Weeks

- I-Wall and Floor Install must both start left to right
- Do not start on opposite sides





Floor Care Following Installation

Contractor Scope

Initial Professional Cleaning after Installation-Freestanding and Substantial Completion Vignettes, removal of all post construction dust and debris. Including thorough edge detailing around all cabinets, walls, corners to eliminate any build-up.

Final Professional Cleaning-Wednesday or Thursday of the Final Week (Site Sup to coordinate with PAC Lead).

Initial Maintenance Upon Completion of the Installation:

Sweep or vacuum without using the "beater bar" to thoroughly remove dust and debris.

Lightly damp mop with Prevail Neutral Cleaner following instructions on the bottle. Remove any scuffs and excessive soil by careful scrubbing. Certain

types of rubber heel marks may be removed by rubbing with a cloth dampened in Prevail Black Scuff and Adhesive Remover.

Stain Removal:

To remove stubborn spots or stains from ENGAGE Luxury Vinyl floors, always begin with mild cleaners such as Prevail Neutral Cleaner. Do not use

harsh solvents such as lacquer thinner or straight acetone, as these can permanently soften and damage the vinyl surface.

For extreme staining (paints, permanent markers, dyes) Use Prevail Remove All applied to a soft cloth and rubbing. Subsequent to this cleaning

procedure for stubborn spots, please clean the affected area with clear water to remove any residue. Any damage resulting from use of pure solvents IS

NOT covered by warranty. Always test stronger cleaning agents on sample pieces or in unnoticeable areas first.

MAINTENANCE FOR ENGAGE COMMERCIAL FLOORS

Routine Commercial Maintenance:

ENGAGE vinyl plank and tile has excellent durability and a history of performing well in commercial installations as long as a sound maintenance

program is followed. Light daily sweeping, dust mopping or vacuuming without the "beater bar" will prevent dirt and grit particles from being ground into

the surface of the plank or tile. Non-rubber, walk-off mats should be used to control the amount of dirt and grit reaching the floor. The mats should be as

wide as the doorway and thick enough to trap dirt. Frequent light mopping will prevent the floor from becoming heavily soiled and will remove most

spills and stains. The amount and type of traffic will dictate the frequency of washing. Wash the floor by damp mopping with Prevail Neutral Cleaner

diluted with warm water following instructions on the bottle.

If the floor receives hard use and becomes extremely dirty, as in heavy-traffic commercial installations, an occasional scrubbing may be necessary. This

can be accomplished by using a low speed buffer with a red scrubbing-polyester or nylon pad. Spray the floor with diluted Prevail Neutral Cleaner and

work the solution over the floor using the buffer and the scrubbing pad. Once this is accomplished, remove the dirty residue by damp mopping with clear

water or with a wet-vacuum.

Thank you for purchasing ENGAGE by Metroflor. If you have further questions, please call us at (888) 235-6672.

Delivery of the I-Wall & Freestanding Displays

(Part of 6 day build)

I-WALL DELIVERY STARTS THE PAC '6 DAY BUILD'



- 1 I-Walls must be completely installed on the night they arrive.
- Including:
 - Freestanding I-Walls
 - Perimeter I-Walls
 - Stiffeners
 - C caps
 - Anchoring to floor and wall
- Note: floor installation needs to start on the same side as the I-Walls



- Shipment will consist of 1-2 FULL trailer(s) at 9pm
- It is the responsibility of the Fixture Contractor to unload the pallets and stage in the PAC area
- The Fixture Contractor should have sufficient laborers in addition to their finish carpenters to unload and stage.
- The trucks will be loaded to maximize cube space and some pallets will typically be loaded sideways.
- Stage in the 'freestanding' area of PAC

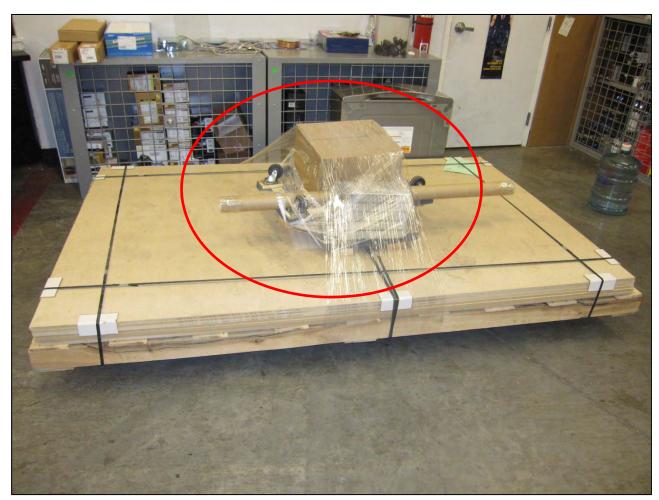




PAC 20/20 Elevations (3 pages per wall)

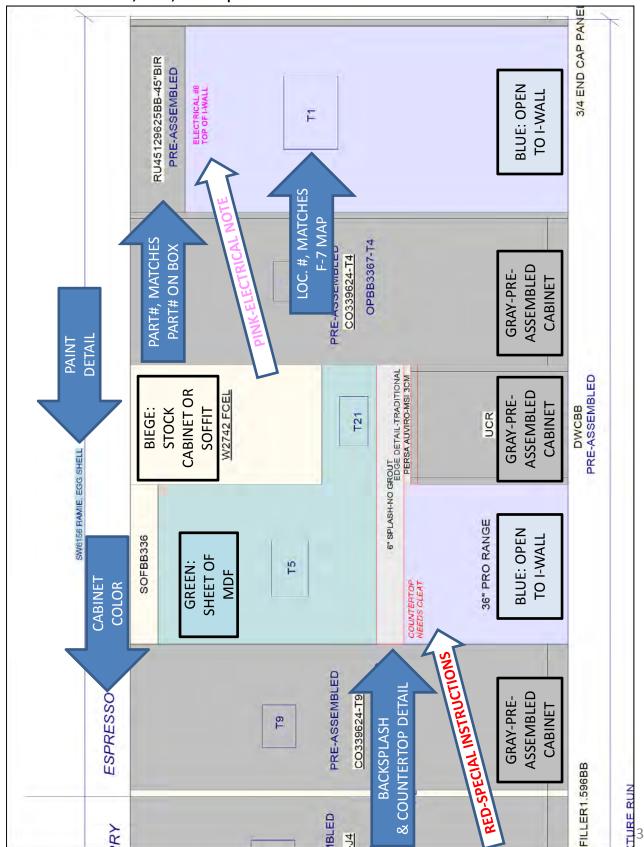
- 20/20 Elevations will be provided with the shipment of cabinets (3 pages for each wall). This is the primary reference tool for laying out Cabinets.
- The FDM or PAC Lead on-site can access any misplaced elevation via the Deployment SharePoint
- Elevations are used for both staging and installation
- Tape 11x17 page 1 of the 20x20 elevations on each side of the I-Wall
- Elevations come in a packet attached to a pallet with the I-Walls
- If you are missing Elevations please email Derek Bridges DerekB@synergy-trt.com with store name, number and your contact information. You may also call Derek at 612-558-3129.

• Locate Elevation Packet with I-Wall Shipment



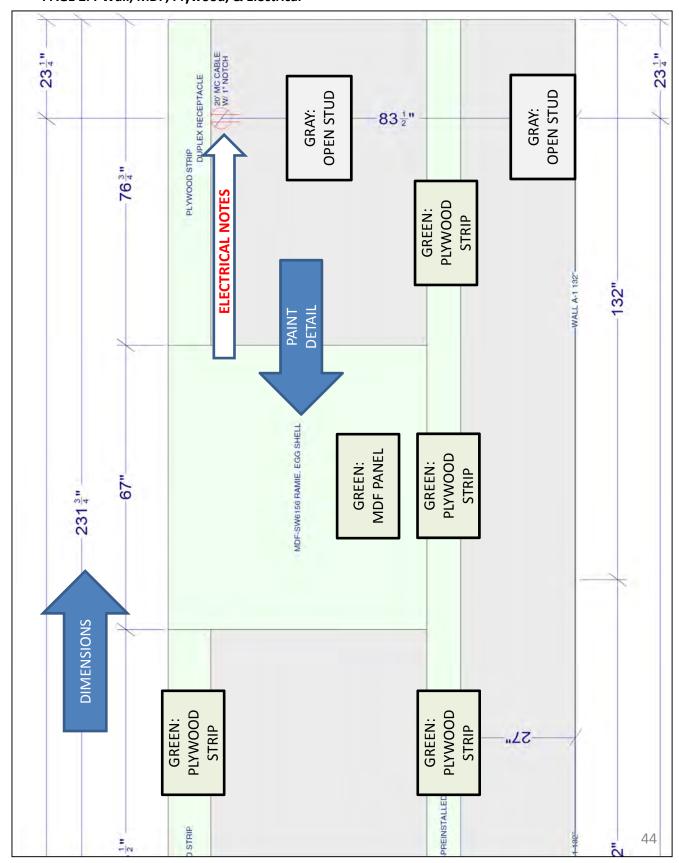
PAC 20/20 Elevations (3 pages per wall)

PAGE 1: Cabinets, Paint, & Backsplashes



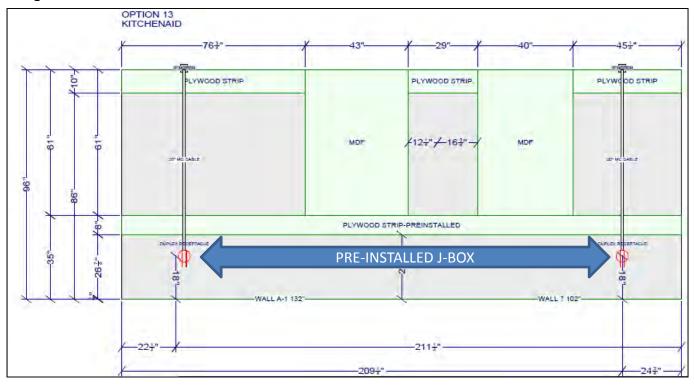
PAC 20/20 Elevations (3 pages per wall)

• PAGE 2: I-Wall, MDF, Plywood, & Electrical

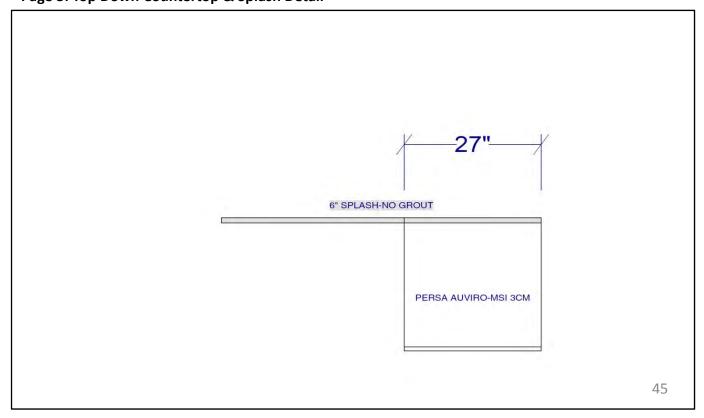


PAC 20/20 Elevations (3 pages per wall)

Page 2: Continued



Page 3: Top Down Countertop & Splash Detail



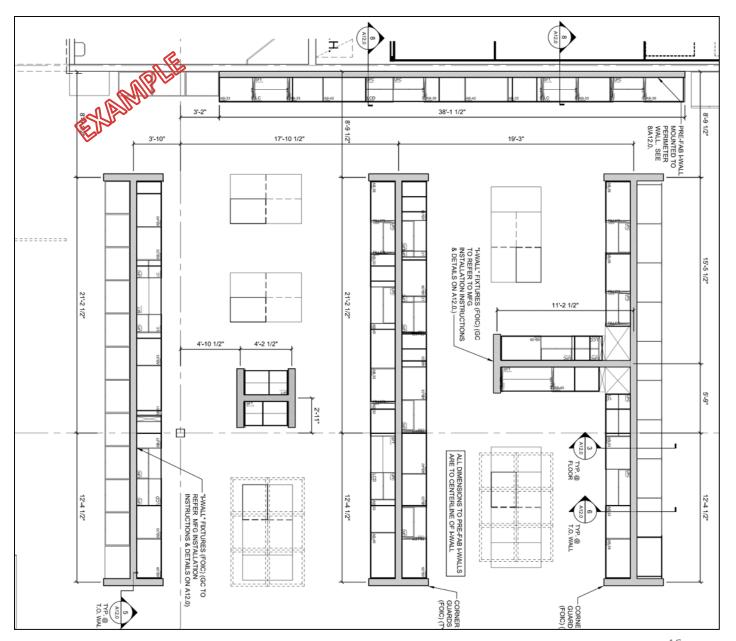
I-Walls

(Part of 6 day build)

I-Wall Installation MUST BE COMPLETED ON NIGHT OF ARRIVAL �



- Measure the entire PAC area side to side to ensure there are no discrepancies.
- Transfer I-Wall measurements on A 12.0 plan to the floor using chalk lines
- Measure I-Wall placements from the **CENTER** of the C-Cap (A 12.0 plan)
- Validate any support columns within a cabinet run falls within filler box per the A 12.0 plan
- Carpet Store: Remove any carpet that will fall under the I-Wall
- Snap lines over VCT or concrete floor
- VCT Store: float over any imperfections (including all floor box demo locations)
- EXAMPLE: A 12.0 Map shows the placement of I-Walls and provides measurements

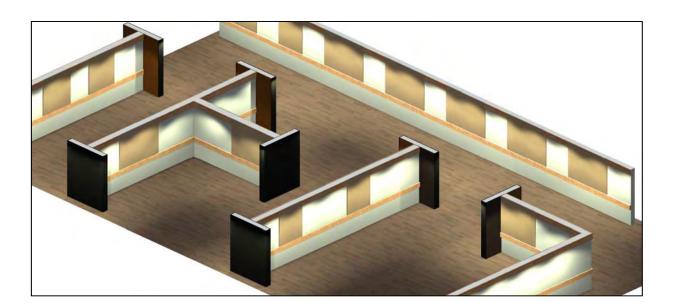


Prefabricated I-Walls-Overview

(Part of a 6 day build)

MUST BE COMPLETED ON NIGHT OF ARRIVAL

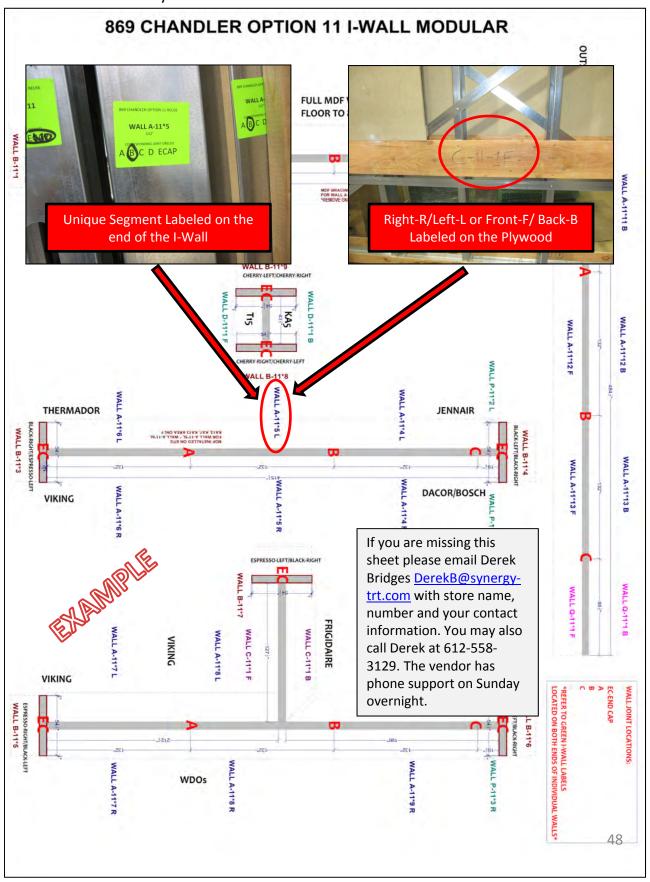
- 🔼
 - All I-Wall Segments are unique and only have one correct placement
- A store specific I-Wall Diagram will be provided by manufacturer and sent with the I-Wall shipment, an example is included on the next page
- The I-Wall Diagram will indicate the placement of each individual section. This is the primary reference tool for laying out the individual I-Wall sections, in addition page 2 of each elevation shows a 2D drawing of the I-Wall
- If you are missing this sheet please email Derek Bridges <u>DerekB@synergy-trt.com</u> with store name, number and your contact information. You may also call Derek at 612-558-3129. The vendor has phone support on Sunday overnight.
- Individual sections of I-Wall are labeled to correspond with store specific I-Wall Diagram.
- In addition each wall has a placement front/back or left/right, this is marked on the plywood strip of each wall
- If there is a discrepancy between the F-1 plan and the manufacture drawing, the manufacture drawing takes precedence.
- The Example on the next page is an illustration of the I-Wall Diagram and the labeling
- MDF and plywood are pre-installed, and the MDF back splashes are pre-painted



Prefabricated I-Walls I-Store Specific Wall Layout

(Part of a 6 day build)

I-Wall Layout MUST BE COMPLETED ON NIGHT OF ARRIVAL



(Part of a 6 day build)

I-Wall Install MUST BE COMPLETED ON NIGHT OF ARRIVAL



 Start each I-wall by joining the front C-Cap to the first section of I-Wall, this will prevent tipping.



- Once these 2 parts are joined, and prior to anchoring, install a piece of 1x4, 2x4, or scrap framing at a 45 degree angle from the top of the I-Wall to the top of each top end of the C-Cap to hold the 'T' joint square. (Note 1) This can be removed once the I-Wall is complete and anchored.
- To assure proper alignment use clamp prior to screwing together (Note 3)



- Shim and level the I-Wall segments as they are installed individually and before anchoring to the floor. Shims on a segment will ideally be less than ¼".
- Lach Segment MUST be LEVEL-PLUMB-SQUARE

(Part of a 6 day build)

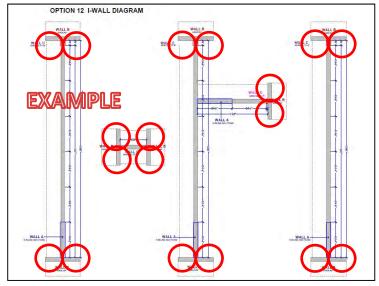
I-Wall Install MUST BE COMPLETED ON NIGHT OF ARRIVAL



 Use 1" Self tapping sheet metal screws to connect the segments. Screw pattern is paired every 2 ft., 8 total at each joint.



- Stand up remaining I-Wall sections one at a time shim and level then screw together (Note 2)
- In the entire length of I-Wall segments do not need to be level one with another, each segment needs be level, but is possible or even likely that the individual segments may stair step in order to minimize the maximum height the wall is shimmed, never more than a ¼" shim ideally within a single segment. The entire length must always be plumb and square



- All corners Must be square (identified on map)
- PAC REQUIRES the utmost accuracy (LEVEL-PLUMB-SQUARE) on both I-Walls and cabinetry. The permitted deviation is 1/16" on the plus side only.

(Part of a 6 day build)

I-Wall Assembly MUST BE COMPLETED ON NIGHT OF ARRIVAL



Inline Anchoring:

- Anchor to floor after all parts for an individual I-Wall is compete.
- Follow anchoring instructions in the Store specific plans: A12.0

Typical

 In-line I-Walls are to be 'shot' with Hilti X-U Fasteners @ 24" O.C.

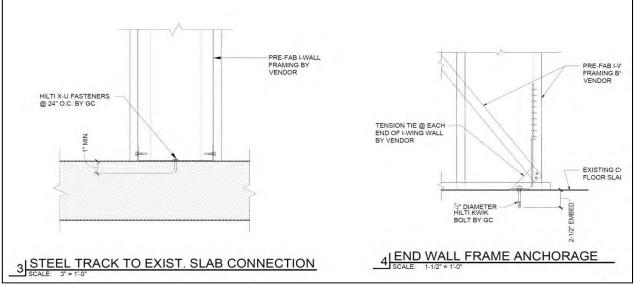


End Cap Anchoring

- Anchor to floor after all parts for an individual I-Wall is compete.
- Follow anchoring instructions in the Store specific plans: A12.0

Typical

Anchor end caps to the floor with ½"
 diameter Hilti Kwik Bolt 3 minimum 2 ½"
 embed

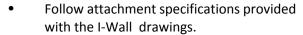


(Part of a 6 day build)

I-Wall Assembly MUST BE COMPLETED ON NIGHT OF ARRIVAL



- Individual I-Wall sections are also joined together at the top with a single full length Stiffener specifically sized for each I-Wall.
- The Stiffener is provided by the I-Wall manufacturer.
- Each I-Wall must be fully completed including anchoring before moving to the next I-Wall in order to allow the electrical rough-in to start immediately.
- Lift the Stiffener into place using 2 scissor lifts in line with the I-Wall
- Slide the Stiffener over the C-cap and through the channel
- Secure to top of I-Wall using pre-drilled holes
- The Stiffener is lifted into place and secured to the top of the I-Wall.





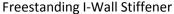


Once the Stiffener is installed the I-Wall(s) is ready for electrical rough-in and that work should start immediately.

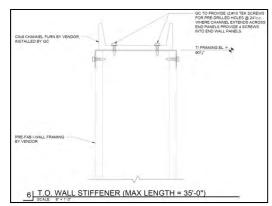
(Part of a 6 day build)

I-Wall Assembly MUST BE COMPLETED ON NIGHT OF ARRIVAL





Reference store specific plans for mounting instructions: A12.0



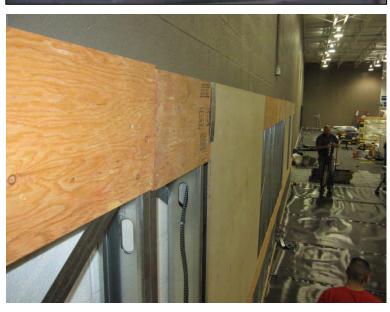


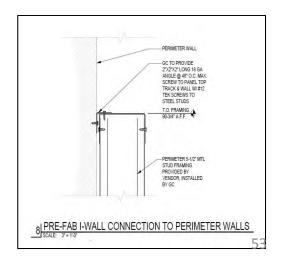
Perimeter I-Walls

- Perimeter walls will not require the stiffener
- Mount to perimeter wall according to the store specific plans: A12.0

Before Installing Outside Walls

- Before Installing outside walls snap a continuous level line on the outside wall @ 7' 7 ½" from floor (allows for ½" of space for floor adjustments)
- Pre-install the 2 X 2 X 2 Metal "L" brackets to the existing outside wall with the bottom of the bracket on the line
- Stand modular wall sections under preinstalled brackets, screw brackets down from above to complete





(Part of a 6 day build)













(Part of a 6 day build)













(Part of a 6 day build)

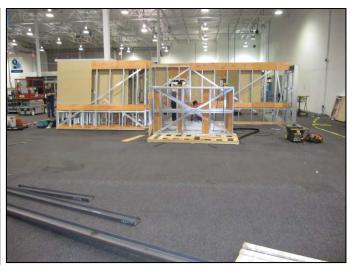






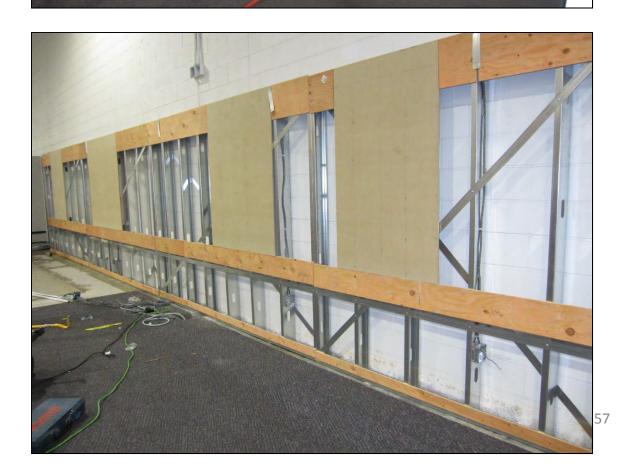






COMPLETED I-Wall-Picture (One Night)





COMPLETED I-Wall-Picture (One Night)

(Part of a 6 day build)





COMPLETED I-Wall-Picture (One Night)

(Part of a 6 day build)

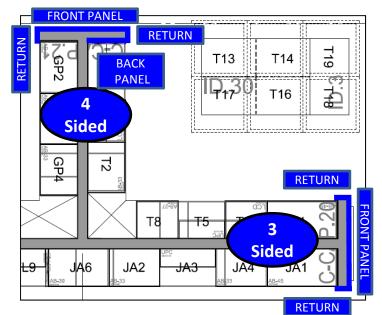


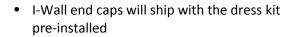


I-Wall End Cap (C-Caps) Fixture

(Part of a 6 day build)

I-Wall Assembly-C-Cap





- There are 2 types of dress kits aka C-Caps
 - 3 sided: Most locations will have a 3 sided dress kit, and the back side of the wall will be open stud, the return of the C-Cap will overlap the first cabinet
 - 4 Sided: A handful of locations will have a 4 sided version, these are locations with ranges adjacent to the C-Cap. These will have an access panel for anchoring.
- Install per the instructions in the A12.0 plan

Cabinets Behind C-Caps

Cabinets always need to be set flush to the back wall behind the C-Cap return, any gap will need to be filled in with finished material uch as matching ¼" scribe molding

When there is a 25" cabinet behind the C-Cap return (no more than 1 per store typical), the plywood strips on the I-Wall will need to be removed from behind the cabinet in order to allow the cabinet to fit behind the returns on the C-Cap

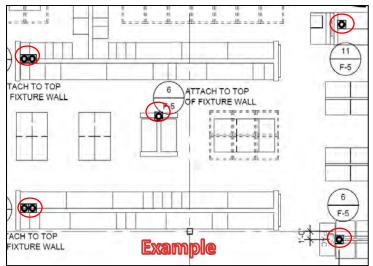


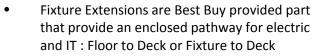




Fixture Extensions

(Part of a 6 day build)





- The Fixture Extension comes in 2 inner lacing segments Large & Small, that allow for telescoping to adjust for height.
- Example F4 Map showing placement and quantity
- Refer to F5 for mounting instructions



Customer Service Desk and Employee Station are the first priority, followed by Refrigeration and Laundry. Vignettes are to be completed as soon as the I-Walls are Installed on Week 2 Monday. Failure to complete scope per the timeline will delay other trades.

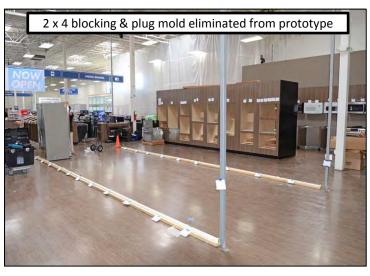


I-WALLS

- Install immediately following floor and/or I-Wall Completion
- Install quantity as indicated on the map



Fixture Extensions must always be installed Level, Plumb, & Square, secured at both ends, and with the set pins engaged to lock in the segments



FREESTANDING

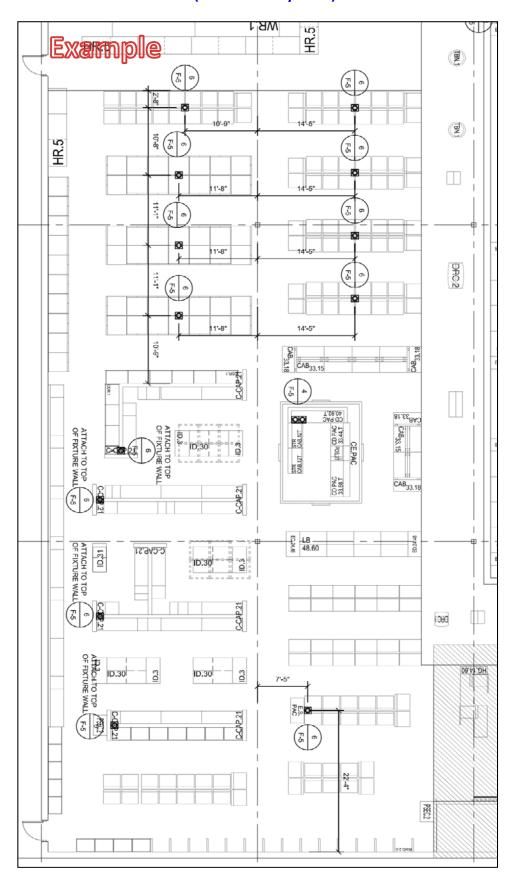
- Install as indicated on the map, measurements are located on the F4 Plan
- When the Fixture Extension extends to the floor it will typically require 3 inner lacing segments: Large-Small-Large or Small-Large Small to reach floor to ceiling
- When the Fixture Extension is mounted directly to the floor a matching 'L' bracket will be provided



DO NOT INSTALL 2x4s UNLESS REQUIRED BY CODE.

Fixture Extensions

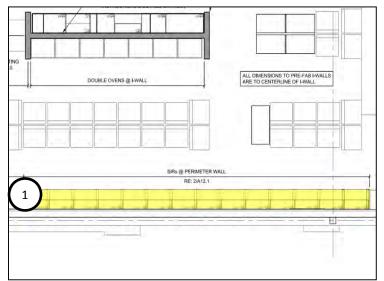
(Part of a 6 day build)



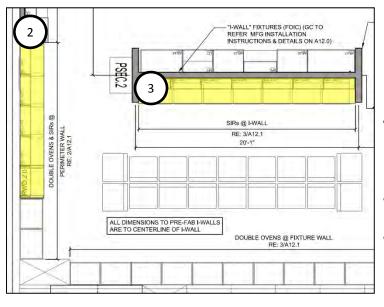
Range/OTR (SIR)

(Part of a 6 day build)

Must be completed on night of arrival







- The Range OTR Display is a combination of mounted upper cabinets and mounted lower knee walls
- Note, knee walls cannot be installed prior to the floor install, but the upper cabinets can be installed
- There are 3 possible variations for placement, different variations may be combined (pictures of each at the end of this instruction)

Range/OTR (SIR) Layouts

- 1. Range/OTR (SIR) against a Masonry Wall
 - MDF Note 3 with furring due to masonry wall
- 2. Range/OTR (SIR) against dry Wall
 - MDF Note 3
- 3. Range OTR (SIR) against an I-Wall with <u>no</u> knee walls
 - MDF Note2
- 4. Range OTR (SIR) against an I-Wall with knee walls
 - MDF Note 2
- 5. Range OTR (SIR) Back to Back with Oven Displays
 - MDF Note 2

- This Example map shows a combination of Oven Display Placement and Perimeter Wall Placement
- All of these variations or any combination of these variations are typical.
- Typical 11-14 positions with 14 being prototype.

63

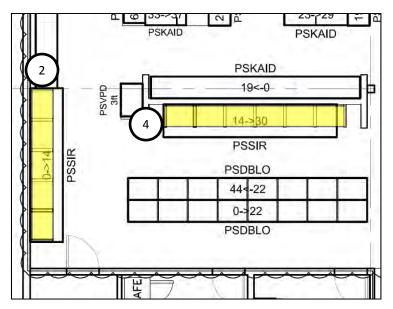
Range/OTR (SIR)

(Part of a 6 day build)

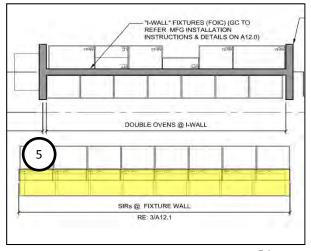
Must be completed on night of arrival



 Note that the upper cabinet does not start on the edge of the wall. It is inset, so that it is centered exactly between the knee walls



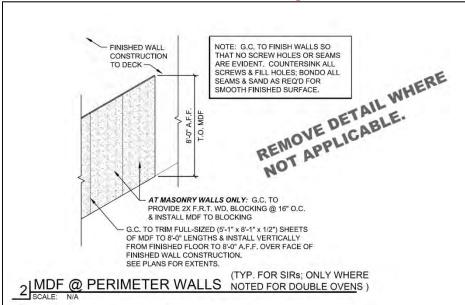




Range/OTR(SIR)

(Part of a 6 day build)

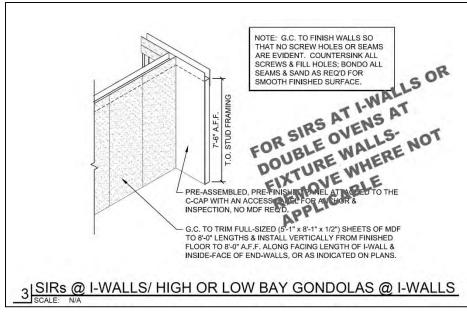
Install MDF on the night the I-Wall is Installed (Sunday)



- Scope: 'MDF @ Perimeter
 Walls' should ALWAYS be
 completed during the DemoSpace Clearing Phase of the
 Project
- Note (Masonry Walls): Due to the size of the MDF sheets the joints will not line up with all of the studs. It will be necessary when this happens to pre-install a 3"x96" wood strip that will back the seam of two adjacent sheets. This will provide the structure necessary to create a tight joint. The two sheets will screw into the added strip vs. a stud. See example of pg.66.



- MDF, when installed on an I-Wall, needs to be installed the same night the I-Wall is installed (Sunday)
- Bondo & Sand (Monday)
- Paint (Tuesday)
- Paint Color is always the same as the perimeter wall [C-7]
- This same application is required when Best Buy metal fixtures are against an I-wall (low bay or high bay gondola



 Scope: 'SIRs / High or Low Bay Gondolas @ I-Walls' should ALWAYS be completed the night I-Walls are installed (Sunday)

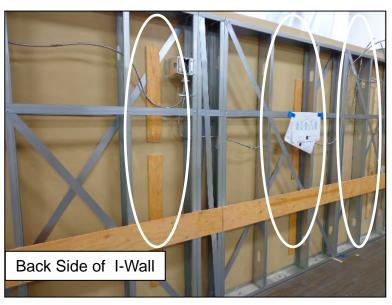
MDF an I-Wall or MDF Oven Back Side

(Part of a 6 day build)

Install MDF on the night the I-Wall is Installed (Sunday)



- In select layouts, Slide in Range or another category may fall against an I-Wall or on the back side of the freestanding oven display cabinets
- In these locations MDF panels will be mounted <u>vertically</u>
- MDF panels need to be cut to 96" (-1" from 97")
- Note that when this wall is not entirely covered by cabinets, it will receive a 1x4 MDF molding across the entire length of the top of the wall level end to end, this acts as a leveler if the wall stair steps due to uneven floors.



I-Wall

- Do not cut 61" W panels to hit studs
- Screw in plywood strips on the back side in order to tighten seam when building a full wall (Slide in Range, Traffic Appliances, and /or Counter Depth Refrigerator ONLY)

Oven Display (Back Side)

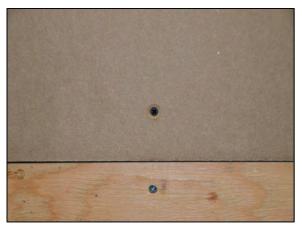
- Do not cut 61" W, the final panel will need to be cut to length
- Seams need to be tight



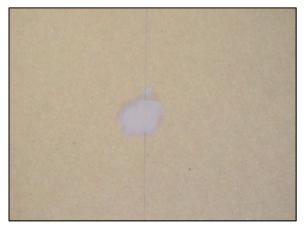
NOTES:

- MDF panels are sized at 61" x 97"
- All Screws need to be sunk
- All Seams and screw heads will need to be floated with Bondo and sanded prior to painting

Bondo Instructions









(Part of a 6 day build) Install MDF on the night the I-Wall is Installed (Sunday)

- I-wall backsplashes now come pre-finished from the factory.
- Contractor is responsible for any bondo and paint repairs (touch-up)
- Screws should be counter sunk on arrival from the vendor. Verify, and counter sink any screws that are extending beyond the MDF surface.
- Backsplash will either be a painted finish or tile.
- Use Bondo with Bondo Hardener to fill screw holes in MDF back splash
- Do not use spackle.
- All seams and screw heads have to be floated with Bondo and sanded prior to painting.

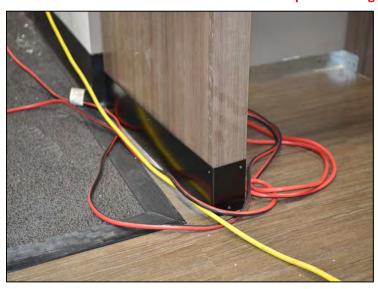
- Float out at least 3" in diameter
- May require more than one application

- Use a palm sander to sand the Bondo application
- Once completed the screw location must be entirely smooth.

Range/OTR (SIR)

(Part of a 6 day build)

Must be completed on night of arrival



- Start installation beginning with the Knee Walls first. Start the Knee Walls on the race track side of the store and/or opposite any filler or corner
- Start the installation of the first knee wall flush to 1 ½" from the leading edge or starting point.
- Vendor provided U-Straps will maintain the proper separation between knee walls as additional units are added.
- Knee Walls are to be LEVEL-PLUMB-SQUARE, shim as needed



- U-Straps are to be installed 1" from the top and at the floor, secured to each stud using 2" self tap screws at each stud
- Adjust all cabinet doors after they are hung





Range/OTR (SIR)

(Part of a 6 day build)



- After completing the Knee Walls Upper Cabinets can be installed
- Snap a Chalk line to mark the bottom height of the Upper Cabinet @ 6' AFF
- Prior to installing the Upper Cabinets
 Remove the shipping blocks and doors,
 doors need to be marked for the specific
 cabinet they were removed from
- The end of the first Upper Cabinet will not line up with end of the first knee wall. The cabinets are centered over each 30" opening. The end of the first upper cabinet pair to be installed will need to line up with the center point of the first knee wall.

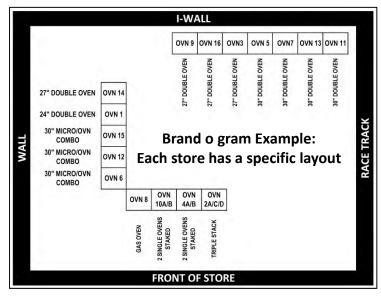


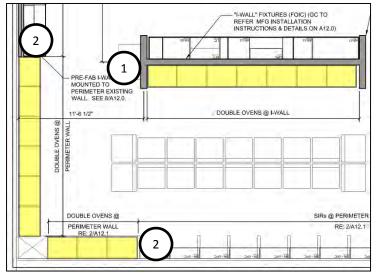
- Assemble pairs of cabinets together on the floor
- Clamp units to ensure alignment
- Pre-drill 6 holes and counter sink coarse thread 1 ¼" wood screws when securing the adjacent upper cabinets together
- Lift the paired cabinets in place resting them on the temporary 2x4 blocking or have a helper hold them in place.
- Secure cabinet to wall studs through 4 predrilled holes in the back of the cabinet with 2" self tapping screws

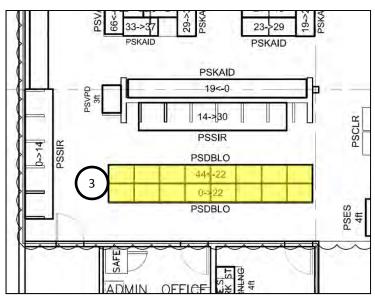


Oven Display

(Part of a 6 day build)







• 1 The first step is to determine the cabinet

- Each store has a specific layout called a Brand o Gram that will be posted on Project Mates, The PAC Lead or FDM will also have access via their SharePoint site, so there will be a person on-site who can provide this document.
- The Store Specific Brand o Gram must be used, DO NOT SET TO THIS EXAMPLE
- The Oven Display is built by joining individual freestanding units together
- These can be placed against an I-Wall, Perimeter Wall, or upright in freestanding space back to back or back to back with Range/OTR or in any combination- all are typical

Example Layouts:

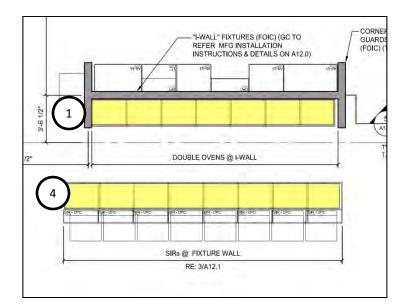
- 1. Oven Display Cabinets against I-Wall
- Oven Display Cabinets against a Perimeter Wall
- 3. Oven Displays Cabinets Back to Back with no I-Wall
- 4. Oven Display Cabinet back to back with Range/OTR with no I-Wall
- 5. Oven Display Cabinets Set Freestanding as a false wall

Most locations will have a combination of layouts

- There are 16 Oven cabinets per store
- Note for Layouts 1 and 4: Whenever Oven Display Cabinets are not placed against a wall, they are being used to create a 'false wall' and the back side needs to be finished with following the MDF finishing instructions in note 2 on the A12.1

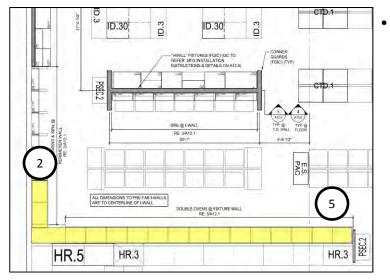
Oven Display

(Part of a 6 day build)



Example Layouts Cont.:

- 1. Oven Display Cabinets against I-Wall
- 2. Oven Display Cabinets against a Perimeter Wall
- 3. Oven Displays Cabinets Back to Back with no I-Wall
- 4. Oven Display Cabinet back to back with Range/OTR (SIR) with no I-Wall
- 5. Oven Display Cabinets Set Freestanding as a false wall



In layout example 5, the oven cabinets are back to back with 8' Metal Half Rack. There is no wall between the oven cabinets and the racking.

Oven Display

(Part of a 6 day build)



TYPICAL-Due to merchandising changes 2-4 panels will typically need to replaced in the field. Scope is removing the pre-installed panel, cutting the rough-cut openings, and repositioning the shelves, this is in-scope work.





- Each cabinet will come pre-labeled with the number corresponding to the Brand o Gram inside/back of panel
- Each cabinet is the same size, but ships with a specific panel and shelf arrangement based on the Brand o Gram
- The starting point should always be opposite a filler box when one is presenttypical. If there is a filler box within the display because of a column or other obstruction then the starting point would at be each end working towards the filler box.
- Starting at the leading end cap, place the first cabinet, level and shim, attach cabinet to plywood strips. Use a minimum of 6 2" wood screws in each plywood strip.
- Each cabinet must be attached LEVEL-PLUMB-SQUARE
- Continue adding subsequent cabinets attaching to the plywood strips as well as screwing the cabinets one to the other using a minimum of 3 screws top, middle, & bottom 1 ¼" wood screws, 9 total-min.
- Not Typical: If the floor is extremely unlevel, it may be necessary to slightly stair step once or twice in order to keep the shim space between the floor and bottom of cabinet under 1/4". The step down should be so small as to not be noticeable.
- Continue until complete.
- Additional Carpentry-Build filler box or cleat in a panel flush with the face of the display.

Oven Display DBO

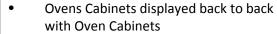
(Part of a 6 day build)



 In addition to being placed against an I-Wall or Perimeter Wall, the Oven Cabinets can also be displayed freestanding back to back or back to back with Ranges. It is typical to have a combination of layouts.



- Ovens back to back with Ranges (Range Side-Shown)
- Requires installation of a 3" deep End Cap
- (Shown in Teak, end cap is now Black)
- When installing the end cap, align flush with the oven side of the fixture
- Secure end cap at the top, middle, & bottom screwing through from the inside of the oven cabinet into the back of the end panel
- On the Range side screw from the inside of the upper cabinet into the back of the end panel
- Install 8' metal corner guards on the outside corners of the fixture



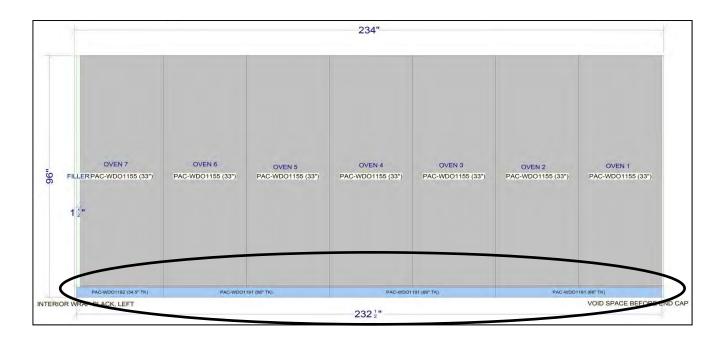
- Requires installation of a ¾" finished end panel black
- The end panel is a ¼" narrower than the cabinets, install centered
- Installing the 8' metal corner guard will complete the finished edge
- The corner guards are part of the toe kick package.



Oven Display

(Part of a 6 day build)

Reference elevation for placement of toe kick

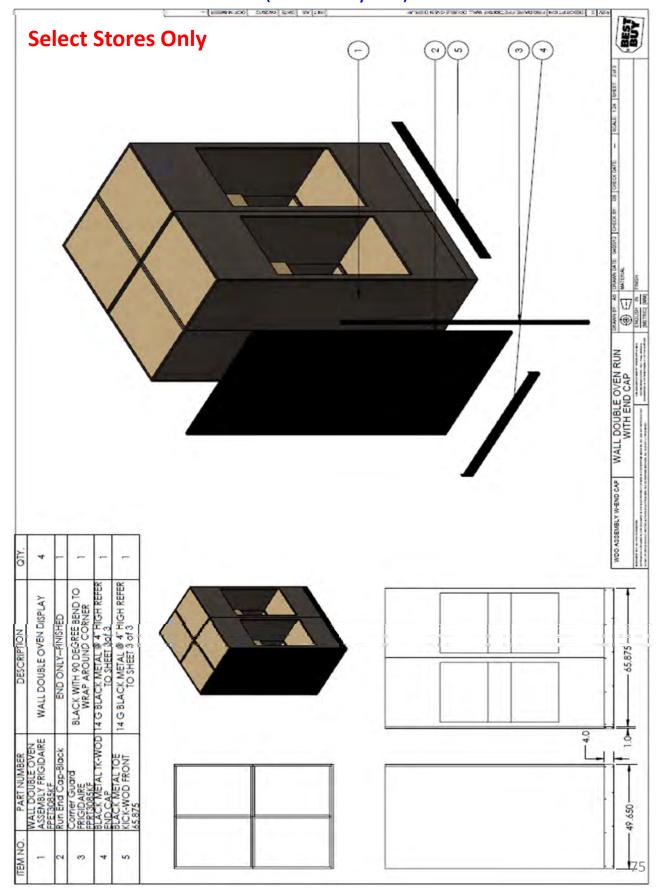


Example



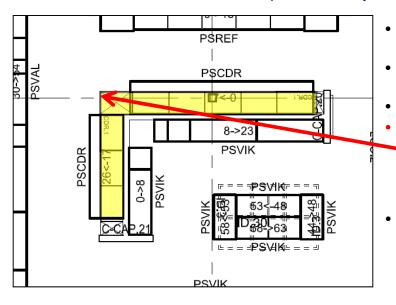
Oven Display

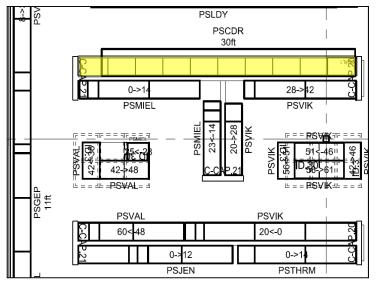
(Part of a 6 day build)



Counter Depth Refrigerator (CDR)

(Part of a 6 day build)







- The CDR cabinets are freestanding units. It is built by joining the units together.
- CDRs will typically be placed on the outside I-Wall shown on the maps
 - All cabinets are identical

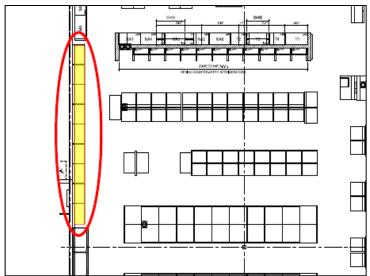
In stores with CDR's against the "L" shaped I- walls, the starting point should be on the outside corner. Go both directions and add a filler to cover the remaining gap at the end of the run

- The starting point should always be opposite a filler box when one is present-typical. If there is a filler box within the display because of a column or other obstruction then the starting point would be each end working towards the filler box.
- Starting at the leading end cap, place the first cabinet, level and shim, mount cabinet to plywood strips. Use a minimum of 6 screws in each plywood strip.
- Each cabinet must be mounted LEVEL-PLUMB-SQUARE
- Continue adding subsequent cabinets attaching to the plywood strips as well as screwing the cabinets one to the other using a minimum of 3 screws top, middle, & bottom 1 ¼" wood screw.
- Not Typical: If the floor is extremely un-level, it may be necessary to slightly stair step once or twice in order to keep the shim space between the floor and bottom of cabinet under ½". The step down should be so small as to not be noticeable.
- Continue until complete.
- Additional Carpentry-Build filler box or cleat in a panel flush with the face of the display.

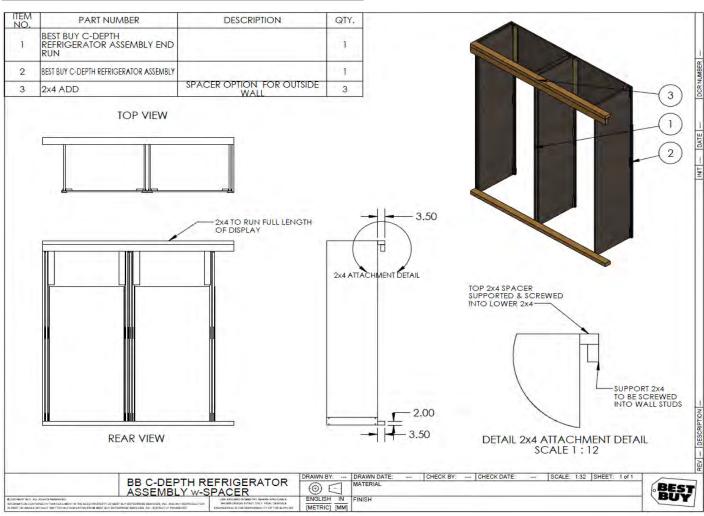
Counter Depth Refrigerator (CDR)

(Part of a 6 day build)

Select Stores Only-Reference Map

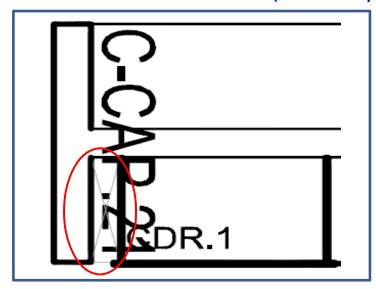


- When CDR is against a perimeter wall (not an I-wall), the GC is to provide 2x WD blocking secured to floor for attachment of plug mold strip <u>AND</u> 2x WD blocking @8' AFF for attachment of fixture per the attached detail.
- All blocking and wall behind the CDR to be painted C-46 SW9993 Black of Night to 8' AFF.
- No MDF or framing is required against a perimeter wall.
- This layout will require installation of finished end panels

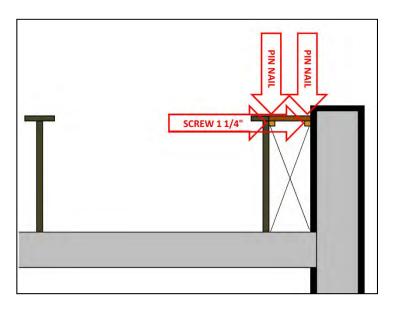


Counter Depth Refrigerator (CDR)

(Part of a 6 day build)







 The CDR Display on the I-Wall will typically need a filler to flush out the face of the display. It will be shown on the map with an 'X'.

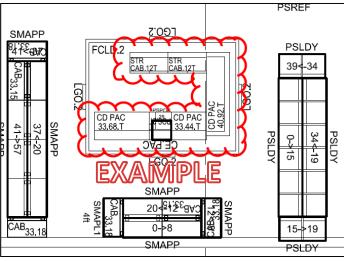
FILLER

- Attach ¾"x ¾"x 8ft cleat (see drawing)
- Cut filler material to size, perfect fit recessed flush with the back of the on the adjacent CDR cabinet
- When the display turns a corner, start at the corner and the filler boxes will be at each end cap.
- Example of CDR Display perimeter wall placement, note that a store could have a combination of I-Wall and Perimeter wall placement
- When the Counter Depth Refrigerator is built against a perimeter wall, there is an additional step detailed in Appendix 4.

Pac Consultation Desk

(Part of a 6 day build)





- The store specific F-1 Fixture Plan & A12.0 Pac Sales Enlarged Floor Plan shows the layout and placement of the Consultation Desk cabinets.
- Arrives on Tuesday of 6 day build
- The kit includes both case work and counter tops to be assembled and installed by the fixture contractor.
- The case work must be shimmed, leveled, & connected.
- Additional Notes/Pics are located in
- Appendix 4
 - Check again for square and level in all directions before final attachment to cabinet base.

Countertops

- Customer Service Countertop install is in-scope for the Fixture Contractor
- Dry fit all countertops prior to installation Level fit between joints in the countertop to maintain a straight edge.



INSTRUCTION SHEET

PART NUMBER:

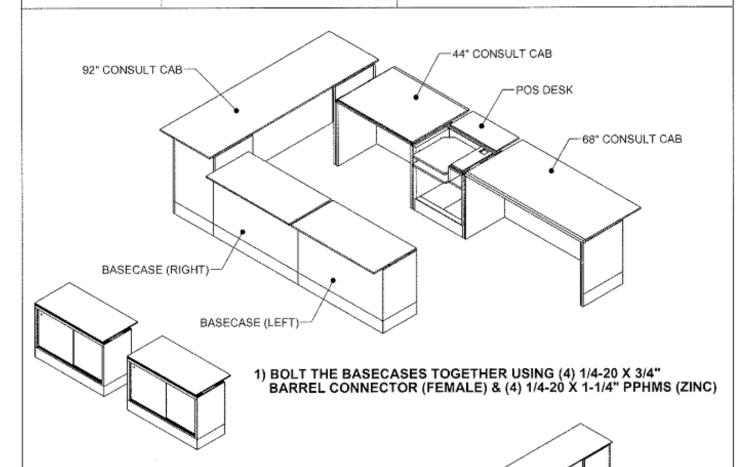
6100-900

PROJECT NAME:

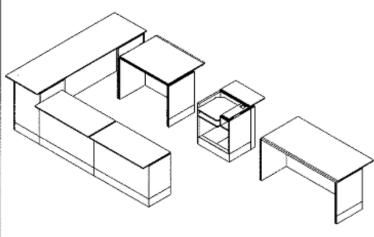
PAC POS

DATE

5/14/2012



2) BOLT THE 92" CONSULT CABINET TO THE BASECASES USING (4) 1/4-20 X 3/4" BARREL CONNECTORS (FEMALE) & (4) 1/4-20 X 1-1/4" PPHMS (ZINC), BOLT THE 44" CONSULT CAB TO THE 92" USING (4) 1/4-20 X 1-1/2" BARREL CONNECTORS (FEMALE) & (4) 1/4-20 X 1-1/4" PPHMS (ZINC)



3) BOLT THE POS DESK TO THE 44" CONSULT CAB USING (4) 1/4-20 X 1-1/2" BARREL CONNECTORS (FEMALE) & (4) 1/4-20 X 1-3/4" PPHMS. BOLT THE 68" CONSULT CAB TO THE POS DESK USING (4) 1/4-20 X 1-1/2" BARREL CONNECTORS (FEMALE) & (4) 1/4-20 X 1-1/4" PPHMS.

SEE TOP FOR OVERALL CONFIGURATION

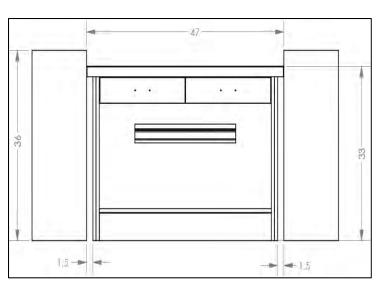
Pac Employee Station

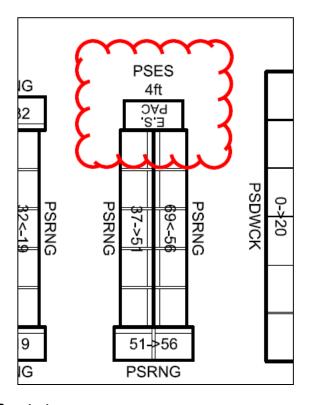
(Part of a 6 day build)



- The Pac Employee Station is a free standing fixture with a book case on the left & right side of the cabinet.
 - 1 per store-Typical
- The fixture is not anchored to the floor
- Arrives on Tuesday Week 2 (Tuesday Week 3 on a 5 Week Calendar
- Place per the F-1 Map







Countertops

- Employee Station countertop install is in-scope for the Fixture Contractor
- Dry fit all countertop prior to installation
- Check again for square and level in all directions before final attachment to cabinet base.

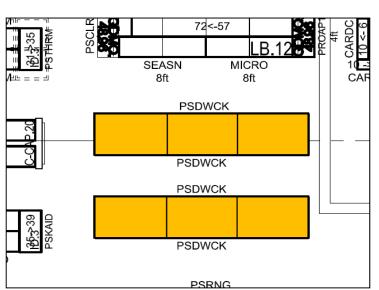
Bookcases

- Bookcases are placed by the Project Team
- DO NOT secure the cabinet and bookcases together.

Cooktop / Dishwasher Display

(Part of a 6 day build)





- The Cooktop / Dishwasher Fixture is a free standing display.
- Must be installed to completion on day of arrival
- Typical: 6 cabinets, 1 pallet each
- Place individual cabinets in rows per the F-1 Fixture Plan.
- Once the cabinets are placed, shim, level, and screw together 1 ¼" wood screws, Qty.
 12 top middle bottom front and back of each cubby.
- Black metal toe kick ships with the fixture, and can easily be mistaken for packing material. Locate the toe kick and install when the fixture is placed and connected. DO NOT WAIT.
- Sample Map showing 6 Dishwasher
 Doghouses joined in 2 rows, Layout is
 'Typical' although location may vary within the PAC space.
- F-1 Map will show placement



COOK TOP CUTOUTS

- This fixture ships with blank panels in the cook top locations on the top of the fixture.
- The Fixture Contractor is responsible for completing the cut outs
- Cook top cutouts MUST be completed on night of arrival by the end of Shift to accommodate incoming product.

Cook top / Dishwasher Display

(Part of a 6 day build)

Cook Top Cutouts



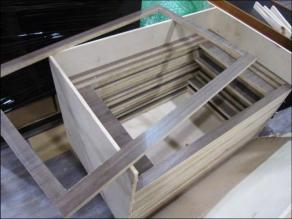
- Each blank panel on the top of the display will need to be cut for specific cook top product fitment.
- The specifics will be identified in the Pacific Sales layout called a 'Brand-o-gram'.
- Typical: 24 panels
- The PAC Lead will tag each panel with an index card showing the measurements of the cutout for each panel as illustrated
- This is rough cut, but needs to be within 1/16" of an inch of the measurement indicated.
- The Cutout should be centered on board (left to right)



- Cooktop cutout should be 1 ½" from the bottom on center of the Cooktop Insert Panel
- All of the panels can be removed at once, but they are subject to chipping and damage. The Fixture Contractor is responsible for ensuring that they remain undamaged in their trip to the clean cutting room and return back



Label the number and measurements on the back of each panel with a sharpie in case the index card becomes separated. This can be done on the bottom 1 ½"

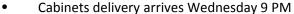


Prep for Cabinet Delivery

(Part of a 6 day build)







- Boxes will not be on Pallets. GC needs to provide appropriate headcount to unload
- Depending on the distance from dock to PAC, the shipment can be palletized to transport.
- Pallets and pallet jack use on the LVT need to be kept to a minimum and on masonite
- Equipment such as pallet jacks and scissor lifts need their wheels checked daily for screws or debris that could indent or scratch the tile
- All employees and contractors need to be trained or reminded on the proper use of a pallet jack, there is zero tolerance for extended drag lines or gouges as a result of negligent pallet jack use
- When pallets are used, they need to be emptied and removed promptly
- When pallets are staged on the LVT, they need to be placed on masonite sheets to protect surface.
- Never drag anything on the floor: pallets, product, or boxes including empty boxes



- Unloading should be handled by unskilled labor, not Finish Carpenters.
- The driver of the truck will scan in all cabinets as they are unloaded
- Retrieve the Packing Slip from the driver.
 The packing slip has details & descriptions of all the cabinets and parts that may need to be referenced later.

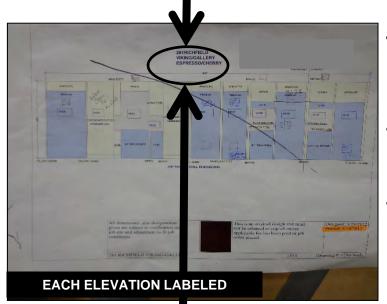
Cabinet Delivery-Staging & Storage

(Part of a 6 day build)



STAGING

- Proper staging will eliminate duplicate effort. All the parts are labeled for the wall they belong on.
- The intent is to stage cabinets close to where they will ultimately be installed.
- (Not Shown) Hang an 8.5x11 sheet of paper on each side of each vignette end cap with the <u>name of the Wall</u> behind the end cap. In this example the name of the elevation is Viking/Gallery. This will allow the persons unloading the truck a quick reference in order to stage the cabinets as they are being unloaded.



- Each box is labeled in order to facilitate quick staging, the label on the box matches the wall where the cabinet belongs (matches the label on the elevation drawings)
- Stage smaller cabinets in the aisles where they will be installed, larger refrigerator cabinets and oven cabinets should be staged outside of the vignette
- If the electrical rough in is not complete, stage the cabinets away from the incomplete sections.



STORAGE

- Cabinets are to be staged inside the store, not in containers or outside.
- GC will be responsible for any damaged caused by improper storage

Cabinet Installation General Requirements

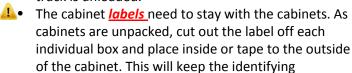
(Part of a 6 day build)

GENERAL NOTES

- The 20x20 elevation must be followed EXACTLY for each wall. This document takes precedence over any other document if there is a discrepancy. Recall that the 20/20 Elevation for the I-Wall matches the 20/20 Elevation for the cabinets and they come from the same vendor.
- Unlike prior iterations of PAC, CABINETS ARE LOCATION SPECIFIC and are not necessarily interchangeable.
- Each box will have a label corresponding to the part number on the 20x20 Elevation. These must be matched PRIOR to starting Installation.
- All Parts for an individual wall should be present before starting. This is a de facto check-in. All parts should be staged and verified night one, and the PAC Lead notified of any missing parts.
- Never install screws directly into the inside edges of the face frames. The faces are hard wood and must be pre-drilled to prevent splitting. With the preassembled cabinets this should not be necessary, but if a modification is needed it could happen.
- AL It is never permissible to install multiple cabinets to one another and not connect them to the I-Wall; with the intent to push against the wall and to anchor later. The cabinets are to always be installed one at a time and anchored to the I-Wall only, never to the floating floor.

UNPACKING CABINETS

- Care must be taken while unpacking cabinets to avoid cutting into the finish of the cabinet with blades, the Lead Installer must monitor the unpacking process to ensure no damage occurs as result of negligent blade use.
- Laborers can start unpacking cabinets as soon as the truck is unloaded.



information with the cabinet

MISSING OR DAMAGED CABINETS

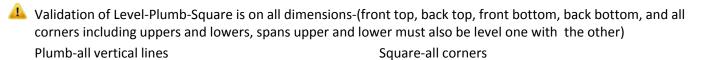
- Your PAC Lead will be responsible for ordering missing or damaged cabinets within 24 hours of notification.
- All orders will ship within 7 days of the order receipt regardless of part or quantity.
- Shipping is one day per week based on geographic zone within the US.
- Example: A part ordered on Monday would deliver the following Wednesday to a store with a Wednesday geographic drop zone.
- The PAC Lead will get a delivery ETA sheet twice a week to allow for planning.
- A Synergy factory representative will be on-site to scan-in the bar code of each individual box as it is unloaded off the truck including the weekly reorder shipments. Any identifiable damaged or missing parts will be reordered immediately. Synergy maintains a shipping accuracy and damage claim record of less than .05%.
- If the reorder is because of damage, the PAC Lead will need a picture and will need to indicate that damage is the reason for the order.
- Prior to approving any orders the parts already scanned into the store will be cross-checked to ensure a duplicate is not being ordered.

Cabinet Installation General Requirements





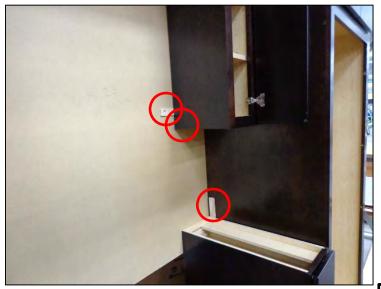
- All cabinets are to be installed
 - Level (horizontally)
 - Plumb (vertically level)
 - Square (all corners in all directions, cabinet to cabinet, cabinet to I-wall, cabinet to floor)
- This must be validated at every stage of the process shipping braces should not be removed until all cabinets in a run are anchored, countertops installed, and validated level plumb and square.
- Validation of Level-Plumb-Square is on all dimensions--front top, back top, front bottom, back bottom, and all corners including uppers and lowers, spans upper and lower must also be level one with the other
- No exposed screws on any cabinets, everything must be installed from behind in limited conditions pin nails are allowed.
- When installing cabinets side by side cabinet clamps must be used from face panel opening to face panel opening or from the top to ensure a tight fit.







Cabinet Installation-General



GENERAL NOTES CONT.

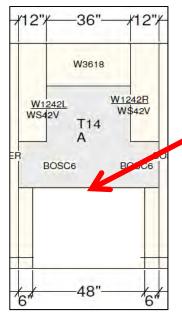
- Cabinets MUST be level (horizontal), plumb (vertical level), square, and true.
- Shims MUST be used to maintain level
- Pre-installed shipping blocks need to remain in place all cabinets in the run are anchored. This will ensure that proper spacing is maintained.
- In the locations where cabinets are not preassembled with pre-installed shipping blocks, the contractor needs to cut a 2x4 to the exact opening and leave it in place until all cabinets are anchored



• <u>The only permitted</u> deviation on <u>cabinet installation</u> is 1/16" on the plus side, a very high degree of precision

Example: if an opening is planned for 48", the opening can be 48" or 48-1/16", this is the only allowable deviation. For cooking locations like this example, the measurement must be validated in all 4 corners of the opening, not just the front top. Look at the top front, top back, bottom front, bottom back. The upper cabinet assembly

must line up with the lower cabinet assembly



- Shims and blocks are a visual indicator that cabinets are being installed correctly
- Any deviation greater that 1/16" on the plus side will cause the cabinet or entire run to be removed and re-installed at the contractors expense.
 - It also puts the opening date at risk due to delays.
- Product and Countertops require an exact fit.

Cabinet Work Order

(Part of a 6 day build)







WORK ORDER

- Start on back wall working left to right
- Proceed to the interior I-Walls working from the end caps back toward any filler box (outside-in, always starting on the race track side of the store.
- End caps will come with a pre-installed dress kit.
- Cabinets always need to be set flush to the back wall behind the C-Cap return, any gap will need to be filled in with finished material such as matching ¼" scribe molding
- When there is a 25" cabinet behind the C-Cap return (no more than 1 per store typical), the plywood strips on the I-Wall will need to be removed from behind the cabinet in order to allow the cabinet to fit behind the returns on the C-Cap

Cabinet Installation-Refrigerators



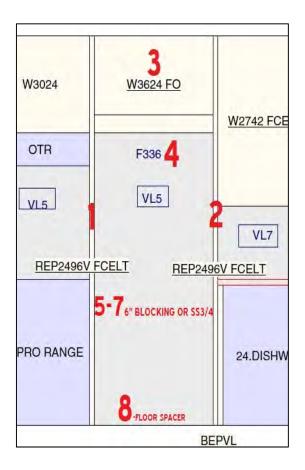
(Part of a 6 day build)

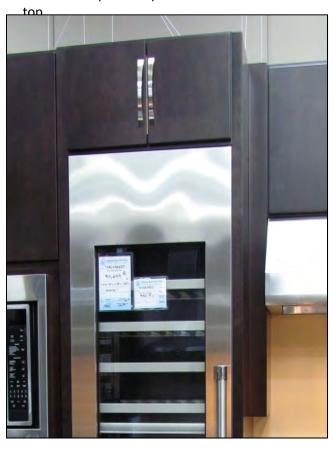
- These are pre-assembled units
- Each cabinet is location specific, they are not identical, verify correct cabinet prior to install



Verify cabinets with shipping braces have remained square in shipping and are not 'tweaked', square as needed. Do not remove shipping braces. These serve as a temporary spacer and will be removed upon installation of product. Verify that the opening is exactly as it shows on the index card, in some cases screwed on ¼" scribe molding may need to be removed to increase the width of the opening

- Place tight to the C-Cap or adjacent cabinet
- Each cabinet must be mounted LEVEL-PLUMB-SQUARE-TRUE, shim as necessary more than a total of 1/4"
- Attach to plywood strips using a minimum of 3) 2" wood screws thru top brace
- The middle and bottom plywood strips are attached to the refrigerator bulkhead with 4) 2" "L" brackets
- Attach to adjacent cabinet using a minimum of 6) 1 ¼" wood screws
- Continue with the next cabinet or cabinet combination using cabinet clamps when possible from face to face or from the





Cabinet Installation-Refrigerators

(Part of a 6 day build)



- Place the unit in position leaving the 2 X 4 braces intact. This helps keep the unit square.
- Verify the correct opening dimensions.
 CDR's are 36", 'built-in' refrigerators come in 36, 42, and 48 inch versions. (Verify with Synergy elevation drawings)



When a refrigerator is the first cabinet next to the C Cap, pre-drill just behind stile, and attach with minimum of 3 2 ½" fine threaded screws into the metal stud of the end cap



Anchor each bulk head to the I wall plywood with minimum of 3) 2" "L" brackets



Cabinet Installation-Refrigerators

(Part of a 6 day build)

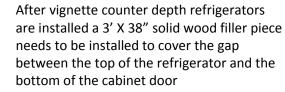


When assembling cabinets together always use clamps to assure stiles are perfectly aligned



- After bulkheads are fully anchored, remove lower 2 X 4 shipping brace
- Unscrew bracing and place one single 2 X 4 in between bulkheads to maintain correct clearance





- This varies in height from 1" 3" depending on the unit
- Place the filler behind the cabinet stiles and leave approximately 1/8" clearance so the unit can roll in and out of the display
- The filler piece is pre-drilled and is attached to the stiles with 3) 1 ½" screws on each end

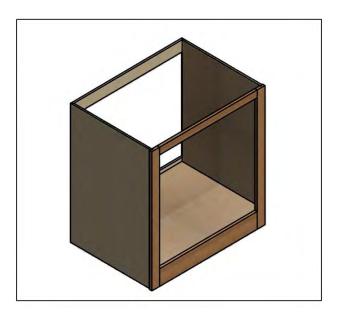


Cabinet Installation-Oven (Single)

(Part of a 6 day build)



- These are pre-assembled units
- Each cabinet is location specific, they are not identical, verify correct cabinet prior to install
- Place tight to the C-Cap or adjacent cabinet
- Each cabinet must be mounted LEVEL-PLUMB-SQUARE-TRUE, shim as necessary
- Cabinets should never be shimmed more than a total of ¼"
- Attach using a minimum of 3 2" wood screws into the plywood strip on the I-Wall
- Attach to adjacent cabinet using a minimum of 4) 1
 "wood screws
- Oven cabinets are not anchored to the floor
- Continue with the next cabinet or cabinet combination using cabinet clamps when possible from face to face or from the top.





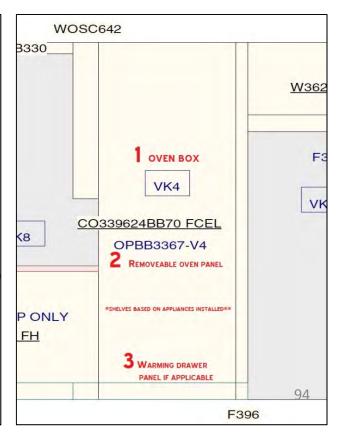
Cabinet Installation-Oven (Double)

(Part of a 6 day build)



- These are pre-assembled units
- Each cabinet is location specific, they are not identical, verify correct cabinet prior to install
- Place tight to the C-Cap or adjacent cabinet
- <u>1</u> Each cabinet must be mounted LEVEL-PLUMB-SQUARE-TRUE, shim as necessary
- Cabinets should never be shimmed more than a total of ¼"
- Attach using a minimum of 3 2" wood screws into the upper and lower plywood strips on the I-Wall
- Attach to adjacent cabinet using a minimum of 6 1 ¼" wood screws
- Oven cabinet are not anchored to the floor
- Continue with the next cabinet or cabinet combination using cabinet clamps when possible from face to face or from the top.

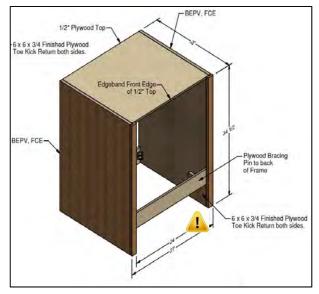


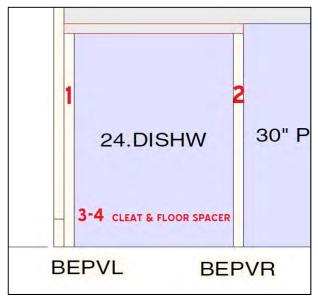


Cabinet Installation-Dishwasher / Wine Cooler

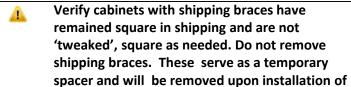
(Part of a 6 day build)



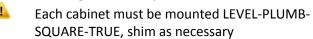




- These are preassembled units
- Each cabinet is location specific, they are not identical, verify correct cabinet prior to install



Place tight to the adjacent cabinet

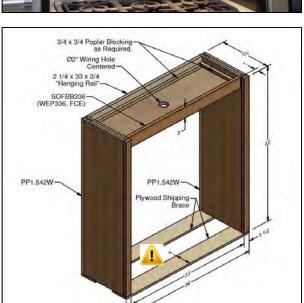


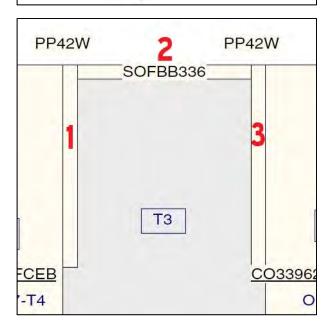
product. Verify that the opening is 24" exactly.

- Cabinets should never be shimmed more than a total of ¼"
- Attach using a minimum of 3 2" wood screws into the plywood strip on the I-Wall
- Attach to adjacent cabinet using a minimum of 4 1
 "wood screws
- Continue with the next cabinet or cabinet combination using cabinet clamps when possible from face to face or from the top.

Cabinet Installation-Pre-Assembled Upper Cabinet Combinations aka 'Cooking Locations'





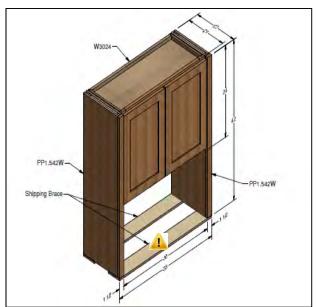


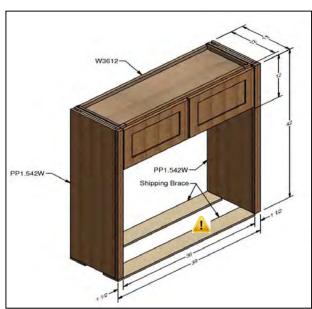
- These are pre-assembled upper cabinet and/or soffit combinations equaling less than 51"
- Each cabinet combination is location specific, they are not identical, verify correct cabinet prior to install
- Verify cabinets with shipping braces have remained square in shipping and are not 'tweaked', square as needed. Do not remove shipping braces.
- Lift into place
- Pre-cut 2x4s can be used to prop the cabinet in place
- Place tight to the adjacent cabinet
- Each cabinet combination must be mounted LEVEL-PLUMB-SQUARE, shim as necessary
- Cabinets should never be shimmed more than a total of ¼"
- Attach to adjacent cabinet from the inside of the adjacent cabinet using a minimum of 3 1 ½" wood screws at Top-Middle-Bottom
- Attach soffit using a minimum of 3 2" wood screws in the upper plywood strip
- Critical note: Upper and Lower Cabinets must exactly align with each other
- Continue with the next cabinet or cabinet combination

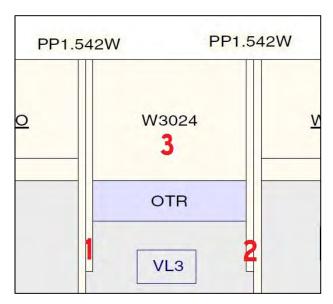
Cabinet Installation-Pre-Assembled Upper Cabinet Combinations (cont.)







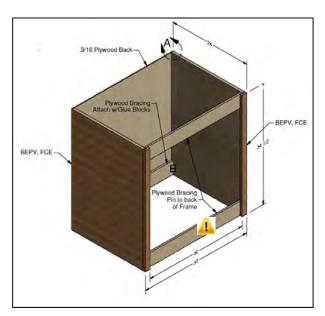


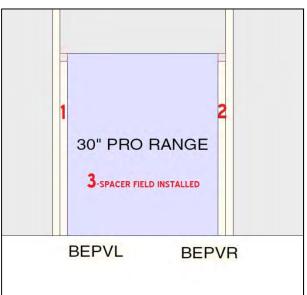




Cabinet Installation-Pre-Assembled Lower Cabinet Combinations aka 'Cooking Locations'







(Part of a 6 day build)

- These are pre-assembled upper cabinet and/or soffit combinations equaling less than 51"
- Each cabinet combination is location specific, they are not identical, verify correct cabinet prior to install



Verify cabinets with shipping braces have remained square in shipping and are not 'tweaked', square as needed. Do not remove shipping braces. These serve as a temporary spacer to maintain correct opening for appliance to fit properly

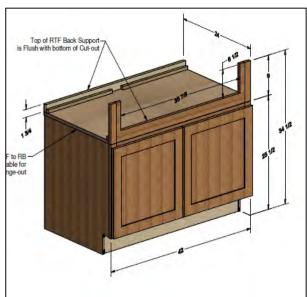
- Place tight to the adjacent cabinet
- Each cabinet combination must be mounted LEVEL-PLUMB-SQUARE-TRUE, shim as necessary
- Cabinets should never be shimmed more than a total of ¼"
- Attach using a minimum of 3 2" wood screws into the plywood strip on the I-Wall
- Attach to adjacent cabinet using a minimum of 4 1
 "wood screws"
- Critical note: Upper and Lower Cabinets must exactly align with each other
- Continue with the next cabinet or cabinet combination using cabinet clamps when possible from face to face or from the top.
- Contractor must cut 2x4s to length and place in all openings to maintain the correct spacing on all lower cabinets that do not come with shipping braces pre-installed

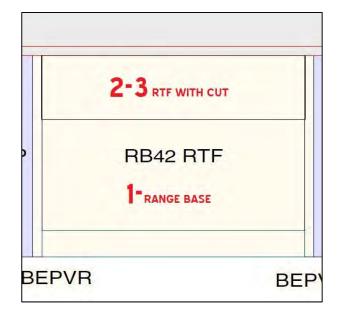
Cabinet Installation-Range Top



(Part of a 6 day build)

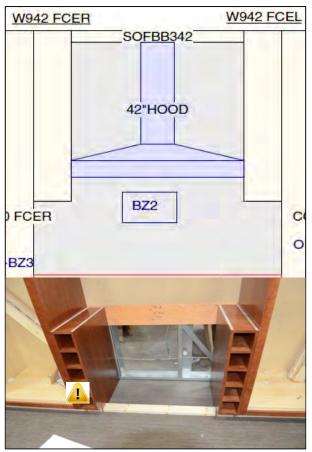
 Same installation instruction as single oven cabinet





Cabinet Installation Soffit and Individual Cabinets

(when not part of a pre-assembled combo)

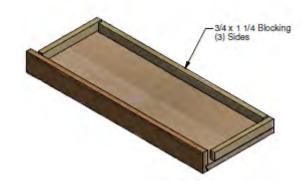




(Part of a 6 day build)

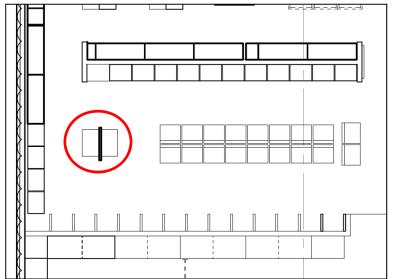
- In a handful of locations due to design or size there will be individual cabinets to install. Most typically 27x42 upper, 30x24 upper cabinets 1.5" upper and lowers, and soffits
- But other sizes of uppers and lowers may be present
- Contractor must cut 2x4s to length and place in all openings to maintain the correct spacing on all lower cabinets that do not come with shipping braces pre-installed
- For individual upper cabinets use the same attachment methodology as described in previous section 'Preassembled Upper Cabinet Combinations', for lower cabinets use 'Preassembled Lower Cabinet Combinations'
- <u>1</u> Each cabinet must be mounted LEVEL-PLUMB-SQUARE-TRUE, shim as necessary
- 3" tall soffit panels will be installed at the top of the I-Wall where chimney hoods are installed.
- Soffit panels should be 12" deep and are pre-cut to size.
- A hole will need to be cut in the soffit to run electrical for the hood being installed by a 3rd party (only if missing, they should be pre-drilled with 1 ½" hole saw)
- Install Soffit using ¾ X 1 ¼ inch cleat material (preattached from factory) and screwed with 1 ¼" dry wall screws back and sides
- The electrical box will be installed by the electrician on top of the I-Wall.

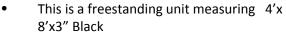




Freestanding Vendor Provided Display End Cap

(Part of a 6 day build)





- This fixture is only mapped in select locations due to space constraints
- 2 possible locations of implementation

Vendor Provided Hood Display End Cap

- Fixture is not anchored.
- Requires at least one of the Vendor Provided Hood Displays to be present
- Mount fixture directly to the back of one of the Vendor Provided Hood Displays
- It is sandwiched between two Vendor Provided Displays



End Cap when Ranges are back to back with Ovens (no I-Wall)

- Requires installation of a 3" deep End Cap
- (Shown in Teak, end cap is now Black)
- When installing the end cap, align flush with the oven side of the fixture
- Secure end cap at the top, middle, & bottom screwing through from the inside of the oven cabinet into the back of the end panel
- On the Range side screw from the inside of the upper cabinet into the back of the end panel and Install an L bracket on to secure it at the floor
- Install 8' metal corner guards on the outside corners of the end cap

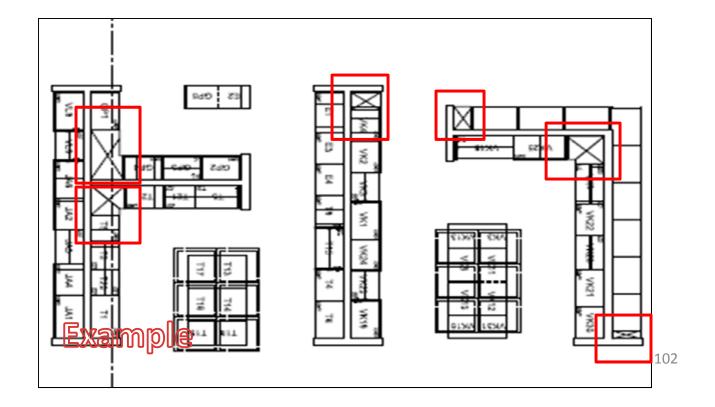


Corner Fillers & Strips

(Part of a 6 day build)

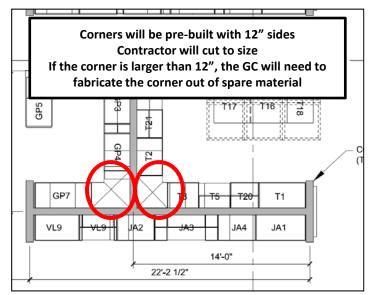


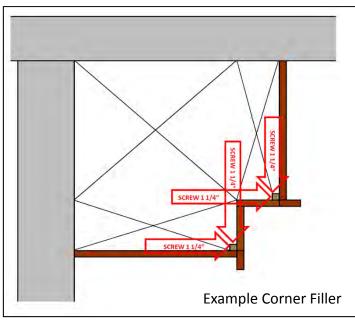
- Larger Filler Boxes are marked on the plans with an 'X'
- Smaller Filler location may just look like a gap between the cabinets and the C-Cap.
- The fillers will show on the 20/20 Cabinet Elevations
- There should never be a gap in the cabinetry
- Corner Fillers & Strips should not be installed until all cabinetry within a continuous run is installed and re-verified level-plumb-square
- Not an actual box
- There are 2 Types
 - Corner Filler(drawing on next page)
 - Filler Strips (drawing on next page)



Corner Fillers & Strips

(Part of a 6 day build)





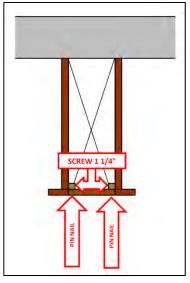
Corner Filler

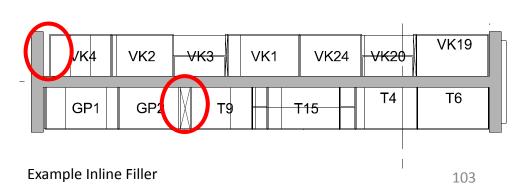
These are preassembled 12"x12" corners intended to be cut to s

- Install right and left ¾" x ¾" x 8' cleats ¾" back from the face of the last cabinet at each corner to permit the strip to install perfectly flush with the adjacent cabinets
- These need to be installed from the inside to prevent exposed screws. This will required a ladder drop into the cavity for access. Use 1 ¼" wood screws

Filler Strips

- For inline filler locations material will be shipped in allowing the contractor to cut to size
- Install right and left 8' cleat material on either side of the opening filled that will permit the strip to install perfectly flush with the adjacent cabinets
- Attach with pin nails
- The reason these are not pre-cut and the boxes are only partially assembled is to allow some play in the cabinet run to allow the carpenter to achieve a perfect fit.
- Each cabinet must be mounted LEVEL-PLUMB-SQUARE, shim as necessary
- Cabinets should never be shimmed more than a total of ¼"





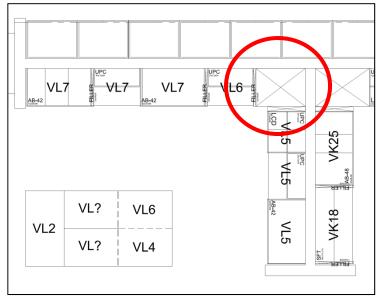
Filler Box and End Scribe

(Part of a 6 day build)



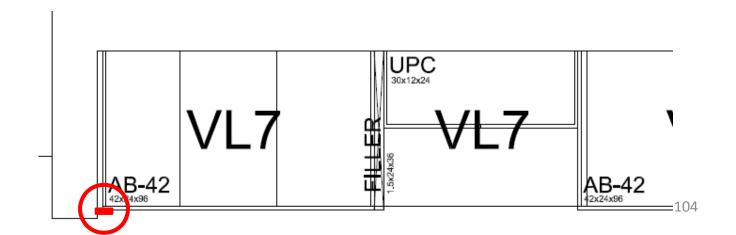


- When there is NO filler box in a line use ½" Scribe Molding to cover any gap between the last cabinet and the C-Cap
- In runs with a filler box, always start building the cabinets opposite the filler box since the filler will be cut to size.



FILLER BOX (1 PER OPTION 11 Stores)

- In cases where the filler falls next to upper and lower cabinets, the filler box will need to be fabricated in the field.
- Individual panels need to be secured to the I-Wall with 1 ½" L-Brackets, and to adjacent cabinets with 1 ¼" wood screws.
- Filler boxes should be built from the inside, by dropping a ladder down into the cavity.
- Raw edges need to be covered with raw edge banding and stained.
- In runs with a filler box, always start building the cabinets opposite the filler box since the filler will be cut to size.



Island & Countertop Delivery

(Part of a 6 day build)



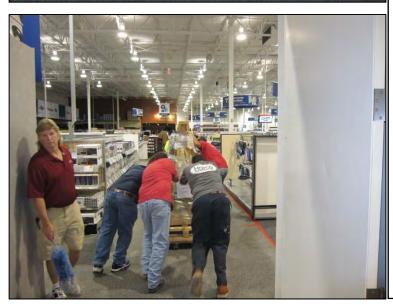


- Islands and their countertops MUST be set on the night of their arrival
- Countertops arrive on 2 A-Frames, handle with care, countertops are extremely fragile
- Island Countertops need to be installed on the night of their arrival, in order to prevent accidental breakage in-store
- All In-line countertops in areas where cabinets are completed should also be installed
- READ HANDLING INSTRUCTIONS PRIOR
 TO BREAKING OPEN THE A-FRAME



 Once the A-Frame has been broken down, access the glass tile, glass tile install should start on the night Islands and Countertops arrive to allow sufficient number of days between steps



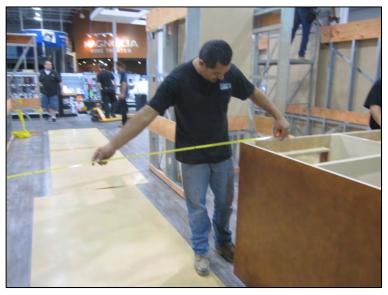


- NEVER Leave Countertop pieces propped up against fixtures
- NEVER Leave Countertops or 6" backsplashes dry fit, without adhering due to risk of accidental breakage
- ALWAYS keep countertop and backsplash pieces in a safe manner that prevents damage prior to installation
- Contractor responsible for all damage occurring in the store due to negligent handling, staging, or storage caused by the contractor or others; negligent being defined as any condition referenced or not referenced that could have be reasonably avoided.

105

Islands Placement (5 per Store)

(Part of a 6 day build)



- The Islands are freestanding units that are built from a large central section and may include 1 or 2 end caps
- End caps will arrive separately
- Countertops will arrive on an A-frame
- Reference Countertop Instructions for Countertop Install



- Reference F-1 Map for placement
- Reference F-7 for orientation (see next page)
- Islands must be aligned with the center line of the cloud
- Shim to level only if cabinet is rocking due to an un-level floor.





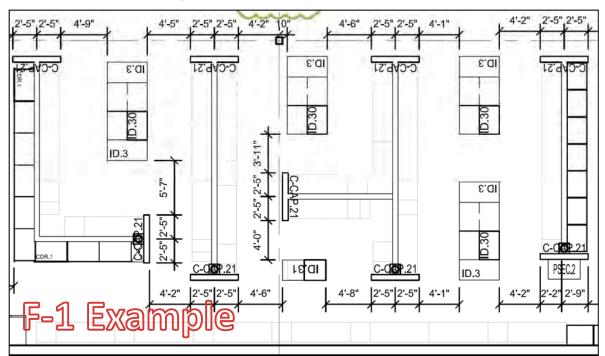
- Set large central section first (must have correct orientation, see next page)
- Place end cap
- Shim & Clamp to align and level
- Screw from inside out where the sections are joined 1 ¼" dry wall screw course thread
- Use a minimum of 8 screws in two rows, 4 top, 4 bottom



Islands Placement

(Part of a 6 day build)

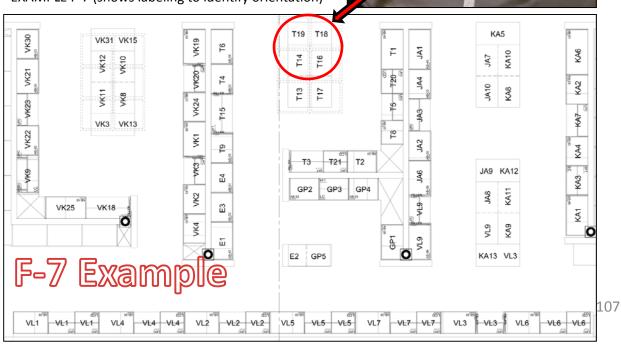
EXAMPLE F-1 (shows island placement)



81

- Use the map F-1 map to determine placement of the island-measurements
- Use the F-7 map to determine orientation, each island side needs to line up with the correct side of the vignette adjacent vignette so there is only one correct placement for each island
- The vendor will label the interior sides of the islands and that labeling will match the map.

EXAMPLE F-7 (shows labeling to identify orientation)



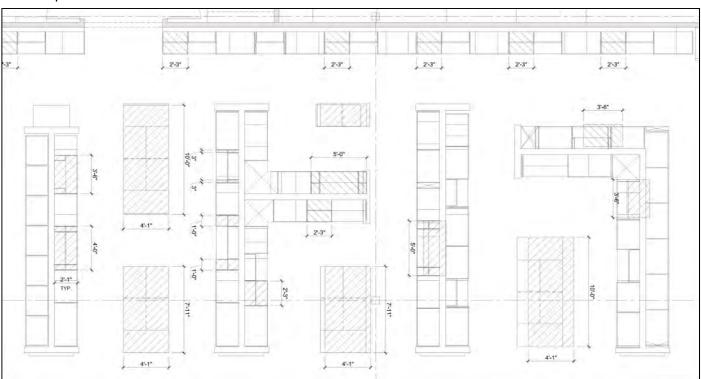
Countertop & Backsplash Installation

(Part of a 6 day build)

Overview

- In line countertops are In-Scope for the contractor. Islands, Employee Station, and Customer Service are shipped by a separate vendor. They are also in-scope and the instructions are with those fixtures.
- All countertops will have a backsplash, 2 will be full glass backsplashes, the remainder are 6" in material matching the countertop
- The reference materials for countertop and backsplash installation will be the F-6 maphashed to indicate countertop locations and the 20/20 Elevations themselves. For countertops there is an additional page showing the top down view. (pg. 3)
- All countertops are required to be level and square.
- Minor modifications (grinding) may be required to the pre-installed island or prefabricated countertops as part of product fitment. That work is in-scope.
- All materials and drawings provided by the Cabinet Vendor
- Check-in documentation is included with cabinetry.

F-6 Map



(Part of a 6 day build)



MATERIALS REQURED

Materials (Provided by Cabinet Vendor)

- Colored Caulk
- Silicone

Tools (Provided by Contractor)

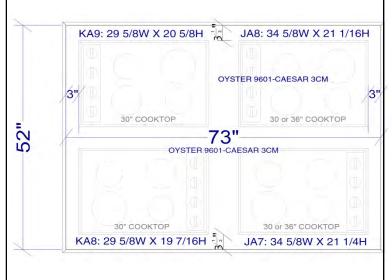
- Caulk Gun
- Grinder / Diamond grinding pad
- Attachment for Diamond Polishing pad with set of pads (follow manufacturer instructions for use)
- The prefabricated countertop pieces will have matching location numbers written on the underside for quick identification by the contractor.



ISLANDS

PRIOR TO STARTING

- Plan each move before you start
- The stone is fragile and must be handled with precautions
- If the stone is being carried a distance lay 2x4 pieces on the floor periodically in case there is a need to stop and rest
- The countertop should never be lowered or come in direct contact with the floor
- Prior to moving any countertop the placement on the island needs to be verified first
- Each countertop has a directional orientation on the island, there is only ONE correct placement of each countertop
- Each island is has 4 cutouts, 2 small and 2 large (not including any end cap extension



- Reference, Synergy Island Elevation for actual dimensions.
- Cross reference the location number with the location numbers marked in the island cabinet
- At this point the countertop can be prepared to move

(Part of a 6 day build)



ISLANDS PREPARATION

- While on the A-frame, attach a 2x4 of at least equal length to the long side of the countertop. top and bottom Use a 4" C-Clamp.
- Clamp until snug, do not over tighten



Do not carry using the 2x4s



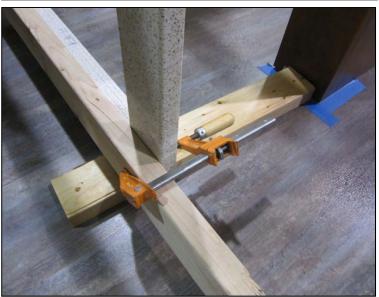
 Never carry the stone countertop horizontally (flat), it must always be carried vertically perpendicular to the floor-AT ALL TIMES

(Part of a 6 day build)



ISLANDS

 Prior to placing the countertop rest on 2x4s next to the island. This is a resting stop before positioning the store



• Once the part is parallel to the cabinet stop to check that claps are not located directly on a cabinet wall before you roll the stone on top of it. Position one person on each end of the piece, One person to "catch" the stone as it rolls and another to help control the roll at the bottom center. Everyone needs to work in unison (no-one pulls, no-one pushes). Slowly roll and slide as far as possible before removing the clamps. SLIDE THE PIECE! DO not lift it to maneuver once the stone is horizontal.



(Part of a 6 day build)



ISLANDS

Once the part is parallel to the cabinet stop to check that claps are not located directly on a cabinet wall before you roll the stone on top of it. Position one person on each end of the piece, One person to "catch" the stone as it rolls and another to help control the roll at the bottom center. Everyone needs to work in unison (no-one pulls, no-one pushes). Slowly roll and slide as far as possible before removing the clamps. SLIDE THE PIECE! DO not lift it to maneuver once the stone is horizontal.

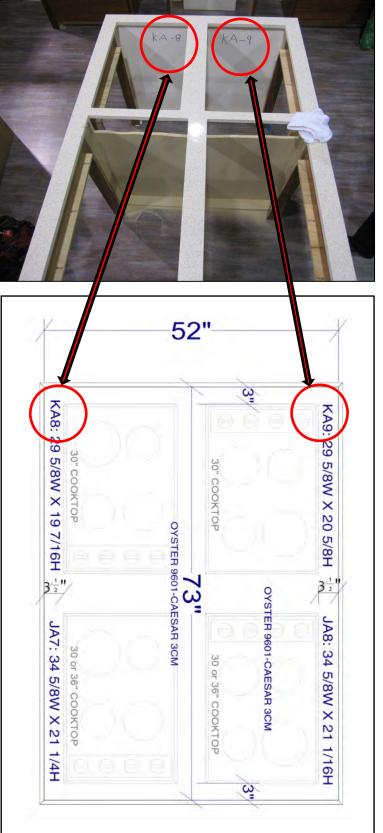


At this point the countertop is 'dry fit'



Validate that each side has an equal reveal and the countertop is square in relation to the cabinet

(Part of a 6 day build)



ISLANDS

 Once the countertop is dry fit, then revalidate that the orientation it complete using the Synergy elevations and the location numbers marked inside the cabinet.

(Part of a 6 day build)



 Once the stone is in position run a bead of silicone along all cabinet walls. This is how the countertop will be held in place



- Natural Stone such as granite is more fragile than synthetic stones. These countertops will not ship with cooktops fully cutout
- 2 Per Store
- Prior to placement, all of the same steps will need to be followed such as verifying cutout dimensions and comparing to the Island Layout Elevation in order to determine correct orientation



- Due to the length of some islands, they will ship in 2 pieces
- These need to have a perfect fit once installed
- Do not shim the countertop if the segments are not level one with another, shim the bottom of the cabinet to correct
- Once complete the seem should be virtually invisible.
- Glue seam with provided 2 part filler material. Follow manufactures directions.

(Part of a 6 day build)



ISLANDS

- Once the granite is installed, complete the cutout
- Clamp a scrap piece of wood across the span as shown to prevent the drop off from falling to the floor
- Tape cut line to protect the granite and to serve as a guide for the cut



- Complete the cutout using an angle grinder with a 4 ½" or 5" diamond blade minimum
- Use a vacuum to capture dust
- Person performing the cut should ALWAYS hold the grinder with 2 hands in case the blade catches on the stone
- A second person should hold the vacuum



Remove clamps and discard drop off

(Part of a 6 day build)



ISLANDS

- In come cases there may be excess plywood support material that needs to be removed because it will interfere with the cooktop
- This excess material needs to be cut away

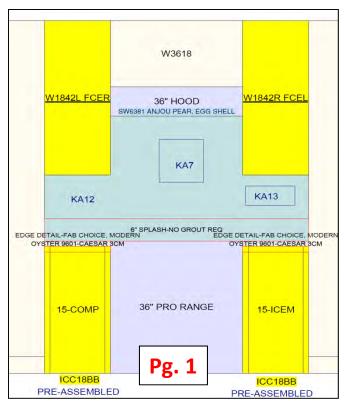


Tape the edges to protect the granite from scratching



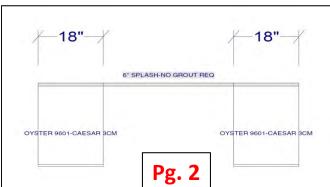
Cut the excess with a jigsaw and discard

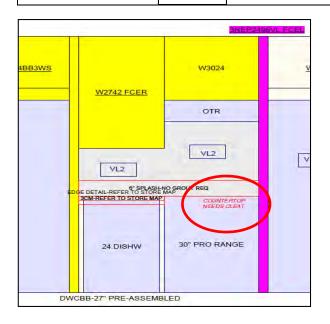
(Part of a 6 day build)



IN-LINE COUNTERTOPS

- Reference the cabinet elevations for the location and placement of the in-line countertops and backsplashes
- Page 1 shows the elevation
- Page 2 shows the top down
- On the next several pages the installation at location KA7 will be illustrated







 At least two locations require a cleat in order to support the 6" Back splash use ¾" X 1 ½" full length, install with Qty. 3) 1 ¼ " screws, predrill ¾" cleat.

(Part of a 6 day build)



In-Line

 Start by verifying each lower cabinet is square with the adjacent cabinet and the back wall



Validate opening square with back wall on both sides



- Countertops are now being fabricated with both side edges and front polished
- If countertop has an unpolished edge, then the unpolished edge must face the opening (range location), the polished edge should face the cabinet.

(Part of a 6 day build)

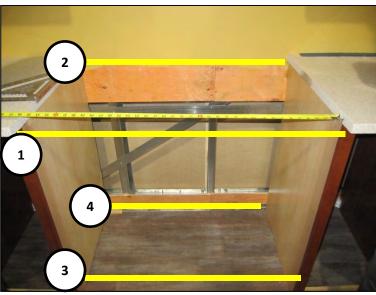


In-Line

Dry fit all slabs to assure proper fit. Check appliance openings to make sure dishwashers have 24" openings, and ranges have 30" openings etc. Once the counter top is installed these opening are very difficult to correct.



Confirm Level across the span



- Range opening must be precise, adjust cabinets as needed prior to completing installation
- Product will not fit unless the opening matches the elevation, and the wall will have to be disassembled.
- Validate measurement in these 4 locations
 - 1. Top Front
 - 2. Top Back
 - 3. Bottom Front
 - 4. Bottom Back

(Part of a 6 day build)



In-Line



 Caulk quarter size dabs of silicone at 12" on center



- Install Countertop
- Adjust to match dry fit, re-validate measurements using framing square & tape measure

(Part of a 6 day build)



6" Back Splashes

- Install after countertops
- Caulk a quarter size dab to the top and bottom every 12"





Press firmly against the wall and center left to right

(Part of a 6 day build)



6" Back Splash

Verify Level



- Once countertops and 6" backsplash are installed, the seams next to the cabinets and the back wall need to be caulked
- Apply a thin bead of colored caulking to match counter top in all corners. Maintain a consistent even line. Do not over apply
- Clean up with water and sponge, polish with a dry cloth after caulking has dried.



- In-Line Cook top countertops: take care
 when inserting the countertop between the
 adjacent cabinets not to force it in if it is a
 tight fit. The countertop will snap.
- Fixture Contractor is responsible for adjusting any of the prefabricated cook top cutouts for product fitment. Use diamond grinding pad.
 - Fixture Contractor is responsible for polishing any exposed unpolished edges

Countertop & Backsplash Installation

(Part of a 6 day build)

Glass Back Splash-GC Scope



Materials (Provided by Cabinet Vendor)

- Glass tiles
- Sanded grout (color as specified)
- 1/8" tile spacers
- Caulk

Tools (Provided by Contractor)

- 4' level
- Tape measure
- Wet saw
- Wet saw blade designed specifically for cutting glass tiles
- Bucket
- Sponge
- 3/16" V-notched trowel
- Grout float
- Framing square
- 4 ½" angle grinder with diamond blade
- Mastic-Custom Building Products "Acryl Pro"



In the two locations with full backsplashes the countertops need to be installed prior to installing the backsplashes (instructions follow). This is called out because these countertops will be installed first and earlier than the rest.

Step 1: With a level and framing square, check cabinetry for plumb, level and square. If something is out of place, correct prior to installation.

Step 2: Start by measuring from the top of counter to bottom of cabinet(s) or soffit in order to confirm the layout and materials quantity. Mark the center point of the wall and, with a level, draw a vertical line from top to the bottom. Use this as your guide and starting point for your full tile sheets. Also measure up from the finished countertop to the bottom lip of the upper cabinets to determine the number of tile rows needed. Make sure to include 1/8" grout lines in your measurements.

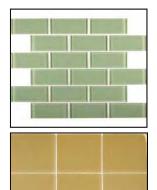
Tile will need to be cut where it meets the cabinets, allow 1/8" only

Step 3: Lightly sand the MDF surface to knock off any shine, and assure adhesion. Apply mastic setting material to the wall with a 3/16-inch notched trowel. Apply in smooth, even strokes. Cover about a 2-4 square-foot area at a time. Keep a sponge and water handy for cleaning as you go.

Countertop & Backsplash Installation

(Part of a 6 day build)

Glass Back Splash



Viking: Backsplash-Full

Mint Green 2x4x8mm Subway Glass Tile in 12x12 Mesh

(SMOT-GLSST-MG8MM)

Thermador: Backsplash-Full

Light Mocha Glass 4x4 in 12x12 Mesh

(SMOT-GLS-LMO4X4)

Step 3: Lay the Glass Tiles, starting with your bottom row of tiles and working from the center line out, apply tiles to the mastic. Press and wiggle each tile to set into the mortar, keeping each flat, plumb and level. Use 1/8" spacers to keep a consistent space between tile sheets as you go. You can pull out the spacers when the mortar starts to dry. Keep an eye on vertical and horizontal lines and use the level to keep the tiles plumb and level. Back off from the work now and again to check that no tiles have moved and everything is in order. Sponge off any excess mastic on tile surface as the tile is being set.



Step 4: Cut Tiles using a Wet Saw

Larger glass tiles, like those used at Pacific Sales must be cut with a wet saw. Wet saws are power saws that are built into a table, with a water sprayer or reservoir that keeps the blade cool as it cuts. Glass tiles require a diamond encrusted blade, to ensure a clean cut.

Step 5: Grout the Tile Backsplash

Let tile set over night before grouting. Mix up the sanded grout to the consistency recommended by the manufacturer's directions.

Grout should only be applied to clean, dry tiles. Apply the grout with a float spreading over the tiles starting in an upward motion at a 45-degree angle, moving back and forth. Let the grout set for fifteen minutes.



Step 6: The excess grout needs to be removed before the grout is set. Wipe the grouted tiles clean with a wet sponge, applied at a 45-degree angle, being careful to keep from indenting the grout lines. If there is anything left on the glass once the grout has set, it cannot be removed.

Step 7: When the grout is dry, polish the haze off the tiles with a soft cloth



 Λ Step 8: On the grout joints that are against cabinets, soffits, or finished end panels apply colored caulking instead of grout, to prevent cracking. Use colored caulking to match grout color.

Step 9: After the backsplash in place for 7-10 days, if there is any cracking in the seams between the splash and the adjacent cabinets, upper cabinet, or soffit AND where the cabinet meets the countertop, the loose grout will need to be cut away and replaced with a thin bead of caulk matching the color of the grout.

Toe Kicks-Vignette Cabinets

(Part of a 6 day build)



- 4"Toe kick is shipped in 8' strips and is cut to length in the field
 - It is not preinstalled to allow flexibility to cover the gaps created by shimming
- Install over raw wood and seams where oven and lower cabinets join at the base
- Attach using pin nails all on corners and every 12" top and bottom
- Use the Espresso/Cherry marker to color the raw wood edges that will be exposed before installing the toe kick





Door Hardware Installation

(Part of a 6 day build)

Viking Vignette Model: Atlas A838-BN





- Door Hardware is installed in 3 locations: Viking Vignette all upper and lower cabinet doors, Thermador Vignette all upper and lower cabinet doors, and Slide in Range Display all upper cabinet doors
- Each location has a specific door hardware model to be installed on-site by the contractor
- The handles are provide by Pacific Sales. The PAC Lead or FDM will locate and hold the box for the contractor
- The contractor will be required to assemble a simple jig for the three styles of hardware in order to install consistently throughout.
- Door Hardware must be level-plumb-square

Thermador Vignette Model: Atlas A849-BN





Slide in Range Display Model: Atlas A865-BN

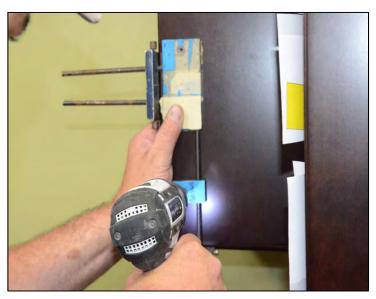




Door Handle Installation Vignette (Cont.)

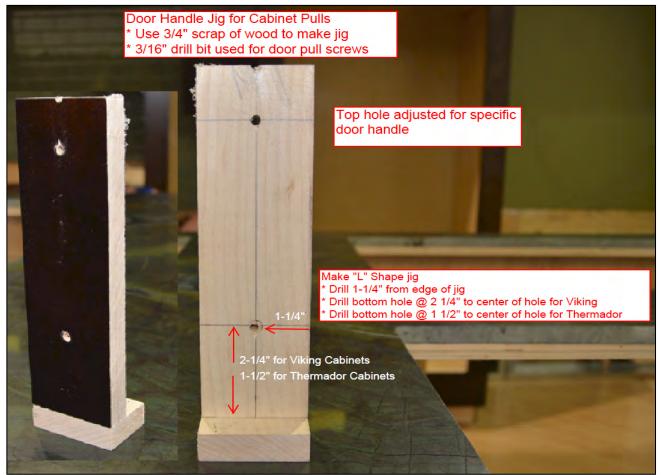
(Part of a 6 day build)

Example of jig being used to pre drill holes



- The contractor will be required to assemble a simple jig for the three styles of hardware in order to install consistently throughout.
- Door Hardware must be level-plumbsquare
- Drill pilot holes with jig.
- Finish drilling thru door with a 2x4 scrap behind the door so you don't chip the laminate.
- Make sure the bottom and side of the jig are flush with the edge of the door before drilling.
- The handle cannot be crooked or offcenter.
 - Drill pilot hole with jig.

Assembly Instruction jig for the Viking & Thermador jig



Door Handle Installation Slide in Range (Cont.)

(Part of a 6 day build)

Install Example using jig, Slide in Range



- Make sure the bottom and side of the jig are flush with the edge of the door before drilling.
- The handle cannot be crooked or off-center.

Instructions for assembly of Slide in Range jig



Example of Vignette installed

PAC Fixture & Carpentry Detailing & Checklist

OTHER GENERAL RESPONSIBILITES IN-SCOPE				
• Touch-up				
		Two installers kits will be provided: One from Synergy with the I-Walls, and one with the Welborne cabinets, details follow this page.		
		Verify no visible pin nails (sink, putty, stain)		
		Verify no telegraphing screw heads through the paint on the MDF indicative of an improper float/sand (requires re-sand, float, and re-paint)		
		Verify no scratches, chips, or dings		
		Verify no exposed raw wood or edges		
		All surfaces need to be checked from floor to 8ft.		
•	Carpe	entry*		
		No gaps visible between MDF and cabinet backs greater than $1/8$ ", use $\frac{3}{4}$ scribe pin nailed to the side of the cabinet perpendicular to the MDF to close gap if needed, needs approval of PAC Lead or PAC Q&A.		
		No visible gaps between cabinets faces or cabinet faces and C-Caps		
		No gaps between soffit and adjacent cabinets (shadow as needed)		
		Minor cabinet repairs as needed		
		Corner Guards Installed: Kydex on C-Caps, Metal on Oven Display only when it is back to back		
		Install VPD End Cap		
•	Gener	ral		
		Remove Coming Soon Banner		
•	Produ	ct Fitment*		
		Any finish carpentry required to install product including but not limited to cut out corrections, opening modifications, oven panel swap outs, correction of carpentry errors from the install, etc. The PAC Lead will identify Product Fitment issues which need to be addressed same day or an alternative time agreed upon by the PAC Lead.		
		Countertop cutout modifications for cook tops and range tops if they are needed for the product to drop, these would be considered minor modifications with a diamond grinding pad.		
•	Clean	-up		
		Wipe Down of all installed fixtures including PAC Ceiling Grids, C-Caps, & Cabinets, free from hand prints and dust.		
		Cabinets/Islands vacuumed out to remove sawdust from installing screws or cutting		
		Shelves in cabinets set		
	*Various sizes of spare material is provided for any required carpentry adjustments or needed field modifications. They are detailed on the page titled 'Spare & Loose Material Schedule'.			

PAC Construction Detailing & Checklist

ОТН	ER GEN	NERAL RESPONSIBILITES IN-SCOPE		
•	Install	ll Black Base Cove (6" walls, 4" on I-Walls if required)		
installation Install 4" base cove on the outside I-Wall when it does not I		Install Base Cove on all exposed walls (those not covered by fixtures), post fixture installation		
		Install 4" base cove on the outside I-Wall when it does not have cabinets or fixtures covering the wall. This is an anomaly layout and is not typical.		
•	Paint			
		Touch-up (final week, by Wednesday)		
		□ Back Splashes		
		□ Doors		
		□ Walls		
		□ Columns		
•	Floors			
		Damage Tile Replacement Tuesday of final week. PAC Lead is responsible for having all Tile Marked on Friday of the prior week.		
		☐ Floor is to be turned over free from scratches & gouges		
		GC is responsible for verifying materials are present prior to the final week		
		GC is responsible for scheduling Professional 'Final' Floor Cleaning Thursday of the final week. Cleaning is to be completed per the manufactures guidelines located in this manual		
		Detail 'Edge' cleaning where the floor abuts cabinets, walls, and the reducer is <u>MANDATORY</u> , no residual dust, debris, or particulate matter can be left along the edges or in corners (a hundred + within the vignette area). This is specifically called out because it tends to build-up in these areas during construction and is a primary reason for scheduling a Professional Cleaning'.		
		Product will not be moved off the floor for this cleaning		

Cabinet Installation Installers Kit & Stain Kit





Installer Kits

Each location will receive 2 Kits

Synergy Kit

- Ships with I-Walls (strapped to Island)
- Quart of cherry stain
- Quart of espresso stain
- 100' teak edge band
- 100' cherry edge band
- 100' maple edge band (for espresso)

Welborne Cabinet Kit

- Ships with Cabinets
- Stain pen
- Dark crayon
- Light crayon (mix these for correct color to adapt to grain)
- Polishing pad
- Cleaner
- Top varnish coat





Cabinet Installation Spare Materials Schedule

Cabinet Installation Loose Materials Schedule

The following parts ship loose on the truck and are identified part #s that are planned for installation in the store.		
☐ Qty. Varies*Espresso Toe Kick		
☐ Qty. Varies*Cherry Toe Kick		
☐ Qty. Varies*Black Corner Guards Kydex (for C-caps)		
☐ Qty. Varies*Black Corner Guards Metal (Wall Oven Display when back to back only)		
☐ Qty. Varies*Metal Toe Kick (Oven Display)		
☐ Qty. Varies*Freestanding Black End Cap 4'x8'x3" (VPDs when laid out back to back or Wall		
Oven Display End Cap when Wall Ovens are back to back with Ranges		
*Refer to Packing List for store specific quantities		

APPENDIXES

Appendix 1 Appendix 2	Electrical Phase, Notes, & Pics PAC Ceiling Grid Parts Diagrams
Appendix 3	Customer Service Desk Detail
Appendix 5	Completed Pics

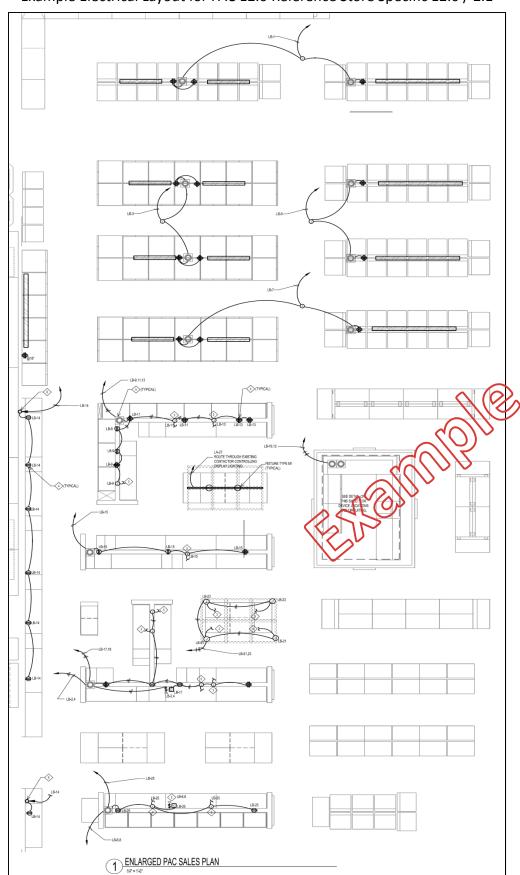
ADDENDUM

Addendum 1	None	

Overview

Gene	ral Not	es:			
PAC S	cope Ir	ncludes:			
		pe as defined within the store specific drawings, as well as any demo work related to pregonditions such as demo or removal of fixtures and/or vignettes, rooms, etc.			
	Sched	uling Inspections			
	Demo	of pre-existing floor boxes			
	Discor	nects and Reconnects associated with creating the space for PAC			
		of existing sources piping over with conduit to supply power to the PAC area or new, nce store specific plans			
Typica	al				
	1 Cust	omer Service Desk with multiple receptacles (temp power as needed)			
	1 Free	standing Employee Work Station (Cabinet) with one receptacle (temp power as needed)			
	Free Standing Appliances (Refrigeration and Laundry)				
	Турі	cal 9-11 Drops per store			
	Each drop will have one or two quad receptacles depending on length of run. Contractor provides power bars per specifications				
	1 Clou	d with 2 Pendant Lamps, Contractor provides pendant lamps per specifications			
	1 Clou	d with 4 powered Island Hoods			
	11+ Se	ections of High Bay Gondola with lighting (scope is reuse /reconfigure)			
	Vignet	te Power			
		Built-in Refrigeration (powered from top channel)			
		Typical 5 per store Quad or Duplex depending on position			
		Counter Depth Refrigeration (pre-installed j-boxes with 20' of MC, 18" AFF			
		Typical 18 per store Quad or Duplex depending on position			
		Hoods (powered from top channel)			
		Typical 10-11 per store Hard Wired			
		Island Hoods (powered from ceiling via drop to cloud)			
		Typical 4 per store Hard Wired			
		Ovens (powered from top channel)			
		Typical 2 per store Hard Wired			
		In-wall locations will have pre-installed j-boxes with 20ft. of MC, all other receptacles are to be installed in the top channel or accessible from the top.			

Example Electrical Layout for PAC E2.0 Reference Store Specific E2.0 / 2.1

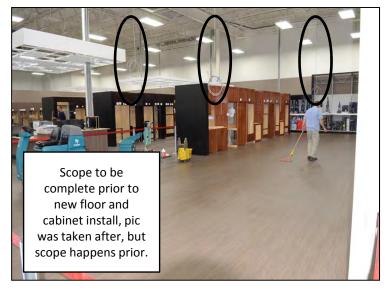


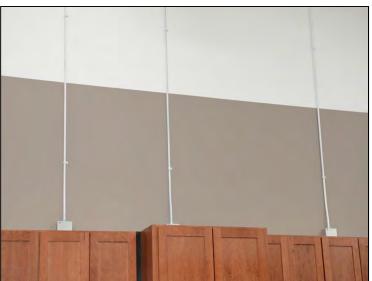
Electric Appendix 1 Week 1

(Weeks 1 and 2 if store has 2 Weeks scheduled for Demo-Space Clearing, see store specific calendar)

Overhead and Perimeter Wall







 Scope includes completing overhead work and perimeter wall scope

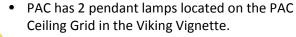
Overhead & Demo Work

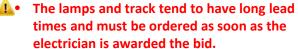
- In-scope demo/reconfiguration of electrical within the PAC Space including but not limited to Over Rack and Half Rack demo (High Bays), Appliance Vignettes, etc.
- Existing in-ceiling power may be re-used
- All floor power must be abandoned per the demo plan
- Complete High Bay gondola lighting associated with reconfigured racking
- Customer Service and Employee Station
 Drops coiled in ceiling with service loop ready
 to drop once cabinets are installed
- Home Runs complete to in ceiling distribution boxes or above drop location installed with wire pulled from source to distribution, whips coiled in ceiling ready to drop to fixtures or floor mounted receptacles.
- Vignette Drops coiled in ceiling with service loop ready to drop to fixtures after they are installed
- Free Standing Drops coiled with service loop ready to drop after floor install is complete (Refrigeration & Laundry)
- Perimeter drops for vignette dropped per plan Power drop to PAC ceiling grids for powered hoods and pendant lamps
- Any other scope of work as indicated in the drawings

(Weeks 1 and 2 if store has 2 Weeks scheduled for Demo-Space Clearing, see store specific calendar)

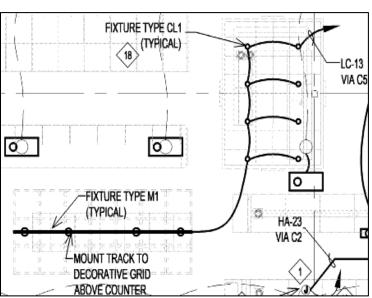
Cloud-Pendant







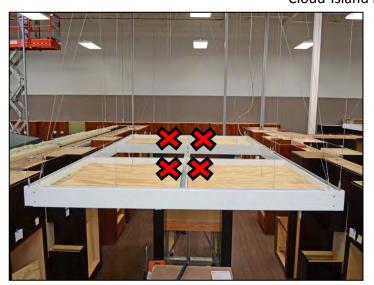
- The specification for the pendant lamps and track will be called out on the Drawings
- PAC has reduced the number of ceiling grids, and sizes as well as eliminating the ACT cloud all of which had electrical in previous iterations.



 Note: Initially only the drop and track should be completed. Wait to install the pendant lamps until the islands are in final position.

(Weeks 1 and 2 if store has 2 Weeks scheduled for Demo-Space Clearing, see store specific calendar)

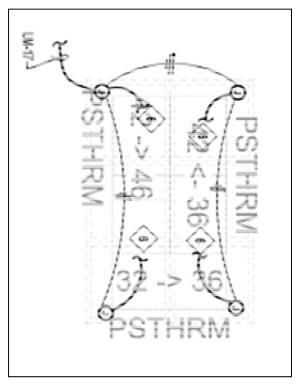
Cloud-Island Hoods



- Scope includes connecting Island Hoods
- Reference store specific prints for detail and locations
- Install J-Box on top of 3x3 panel inside corner
- Power should run through channels on cloud so as not to be visible from below.
- Island hoods connect in same way as Pro and Chimney Hoods
- Cable that feeds power to the cloud needs to drop from one of the back corners of the cloud, zip tie tightly to air craft cable with no slack.
- 4 Hoods Typical







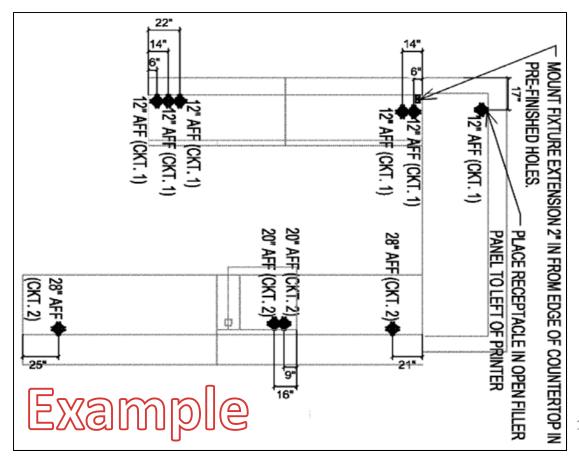
(Part of a 6 day build)

PAC Consult Cabinet

- The Enlarged Pac Sales Electrical Plan has a detail for the placement of receptacles inside the Consultation Desk cabinets, no amp product can be re-used within the PAC Space
- The Pacific Kitchen & Home area will have numerous cordless phones and equipment that will be stored in the end cabinet
- Reference store specific map for detail, this is typical
- A Scope must be completed the day of OR the day following cabinet installation

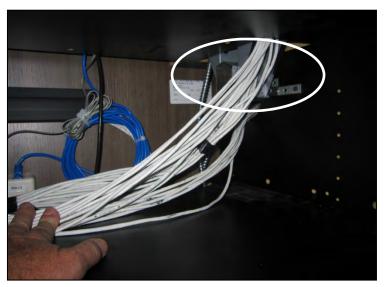






(Part of a 6 day build)

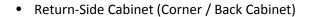
PAC Customer Service

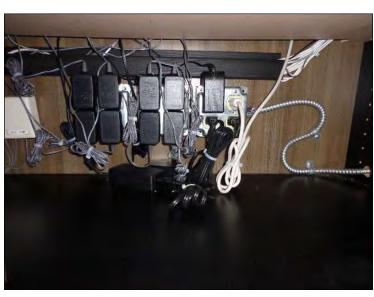


- Back Cabinet Entry Point
- Fixture extensions must be mounted just under the countertop, they cannot drop to floor of the cabinet.
 - This will allow shelving to be installed an wire maintenance to continue along the underside of the countertop



Back Cabinet







Appendix 1

(Part of a 6 day build)

PAC Customer Service



• 40" Desk (Short Desk)



• Cash Wrap



• 60" Desk (Long Desk)

Electric Appendix 1

(Part of a 6 week build)

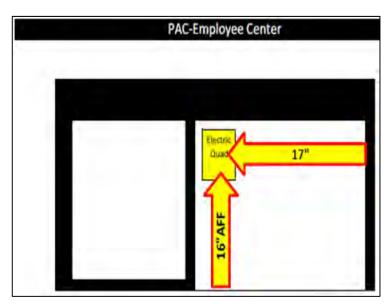
PAC ES Cabinet



- Scope includes installing a receptacle in the ES Cabinet
- Reference E7.2 for detail and location



• Complete scope on the night cabinet is placed



(Part of a 6 day build)

Fixture Extensions – Drops to Freestanding Appliances



FREESTANDING AREA

- Takes precedence over vignette area after the vignette area has passed rough-in inspection
- Scope includes dropping power to the floor terminating in 1 or 2 quad receptacles to power Refrigeration and Laundry
- Start as soon as flooring is complete
- Typical 9-11 drops
- Reference store specific E 2.0/2.1 for detail and locations



Note it is a requirement that all Refrigerators and Laundry units power-up

 Power bars need to have sufficient outlets to power all units. The receptacle at the drop location can also be used when it has available outlets and proximity to units needing power.
 Reference E 2.0 /2.1 for power bar specifications, Electrician to provide

(Part of a 6 day build)

I-Wall-Vignettes



In Wall

- Electric install MUST start as soon as the first I-Wall is built. Connecting the pre-installed in-wall receptacles is the first priority.
- All power runs through the channel at the top of the I-Wall horizontally first and then vertical
- No power should run 'through' the wall
- Electrical is never concealed behind cabinets, plywood, or MDF panels

In Wall Scope

 Connect Pre-installed J-boxes with 20' of MC, ready for rough-in inspection



I-Walls assembled with MC hanging free

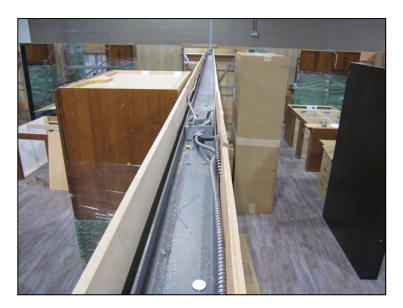


 All power drops run vertical between the studs and through a shielded pathway over the top of the wall. All shields must remain in place to prevent screws from penetrating electrical cables when cabinets are being installed

Electric Appendix 1

(Part of a 6 day build)

I-Wall-Vignettes

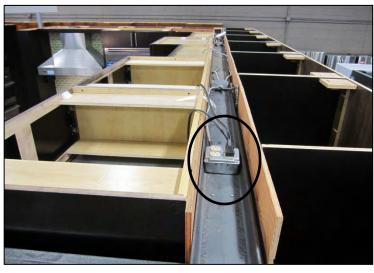


OVER WALL SCOPE (inside the channel)

 Tie in the pre-installed in-wall electrical receptacles through j-box mounted in channel

Hoods, Electrical Note:

- See notes on subsequent page
- Mount J-box to support hardwired hoods, more than one hood can be fed from a single Jbox if they are back to back or in close proximity.
- Hoods are all 'hard wired' connections that are completed by the electrician once the unit arrives



Built-In-Refrigeration, Electrical Note:

- Receptacle must be mounted precisely where indicated on the plan, need to reference F-7 map with the E2.0 and wait until cabinets are installed
- This is a receptacle mounted in the top channel for plugging in the unit once installed



Ovens, Electrical Note:

- See note on subsequent page
- Channel provides pathway to the cabinet, service dis-connect is not mounted in the channel

Appendix 1-Electric

Pre wire Hoods (Week prior to the Final Week)
Final Connections (Final Week-Tuesday)



Hoods

Includes hard wired connections Reference store specific prints for detail and locations

Pictured Example Pro Hood

- J-Box installed in top channel, access to channel through top of cabinet, access to hood through bottom of cabinet
- Use a 1 ½" hole saw to create access points.

Chimney Hood (second picture)

- Connection details are the same except there is no upper cabinet, only a ¾" soffit, so j-box will rest in the top channel
- 10-11 Hoods Typical in-line







Appendix 1-Electric

Pre wire Ovens (Week prior to the Final Week)
Final Connections (When Product is Installed, Week prior to Final Week)



Live Ovens

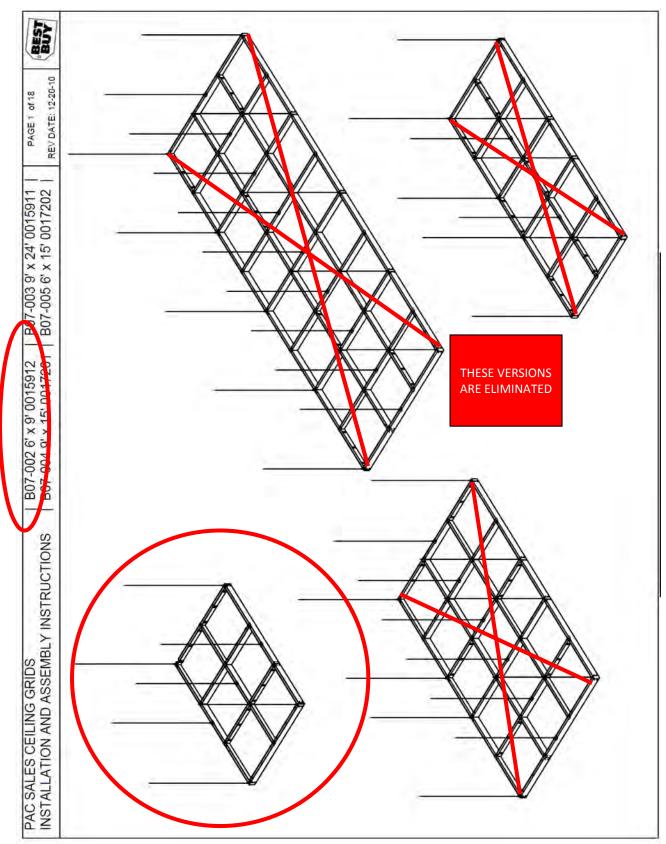
- Scope includes 2 'Live' powered ovens*
- Reference store specific prints for detail and locations
- Pictures details correct placement of equipment







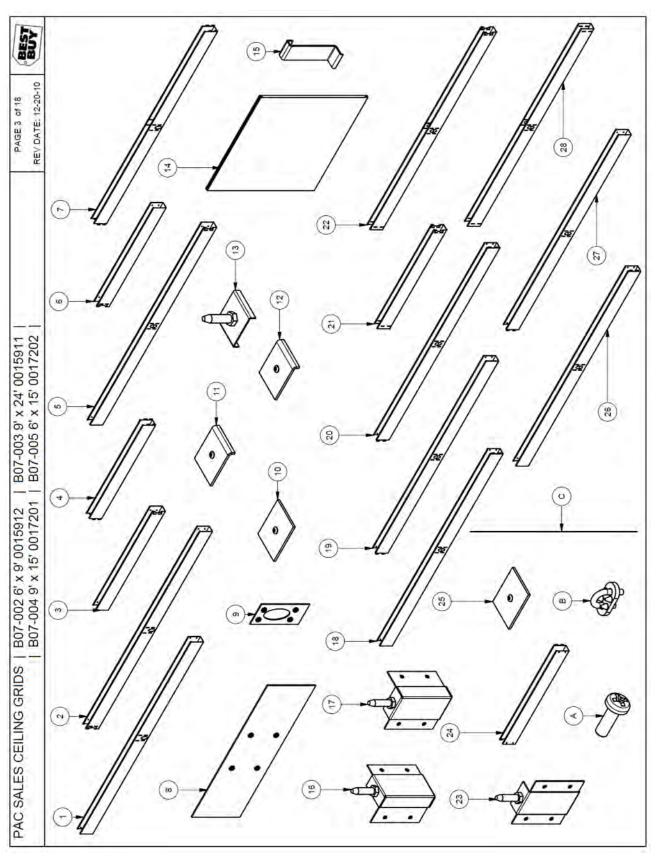
Appendix 2
PAC Ceiling Grid Assembly Instructions Overview – 6'x9' PAC 'Cloud'



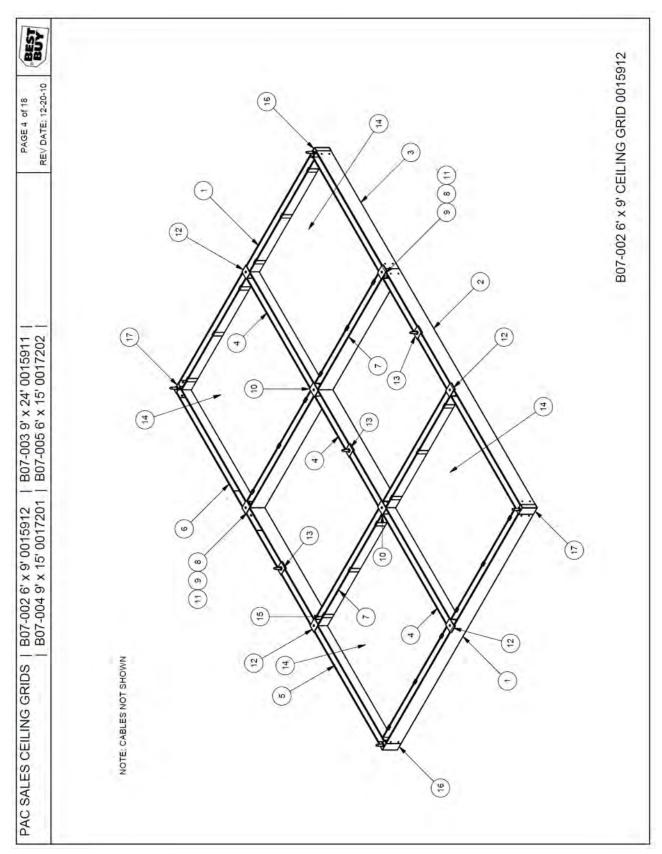
Appendix 2 PAC Ceiling Grid Assembly Instructions Parts List

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		(4 00	B07-005-03	72" MIDDLE CHANNEL				2	
				HARDWARE		(,==			
HARDWARE	ITEM	PA	RT NUMBER	TITLE		6' X 9' QTY		9' X 15' QTY	6' X 15' QTY
HARDWARE 6: X 9: Q TY 9: X 24: Q TY 9: X 15: Q TY 6: X 15: Q TY	A MC	MASTER	#92949A242	#10-24 1/2" BUTTON HEAD SOCKET SC		32	80	64	32
HARDWARE PART NUMBER TITLE 6' X 9' QTY 9' X 24' QTY 9' X 15' QTY 6' X 15' MCMASYER #929494242 #10,24 1/2" BUTTON HEAD SOCKET SCREW 32 80 64 32	B MC	MASTER	#31985T19	1/16" WIRE ROPE CLIPS		14	38	28	20
HARDWARE PART NUMBER TITLE 6' X g' α TY 9' X 24' α TY 6' X 15' α TY	C MC	MASTER	MCMASTER #3498T61	1/16" 18" AIRCRAFT CABLE, CRIMPED O	ONE END	7	19	14	10

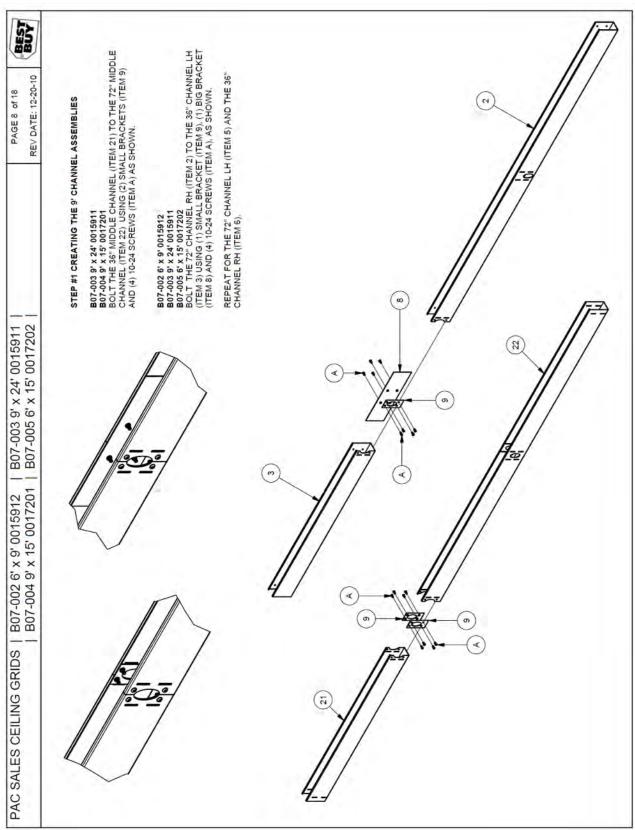
Appendix 2
PAC Ceiling Grid Assembly Instructions Parts List Detail Page 1



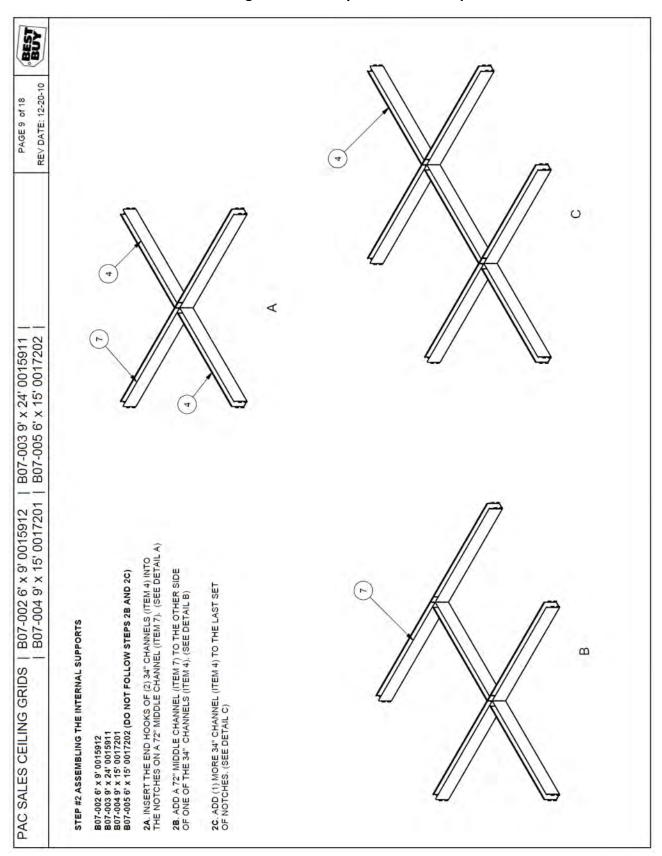
Appendix 2
PAC Ceiling Grid Assembly Instructions Parts List Detail Page 2



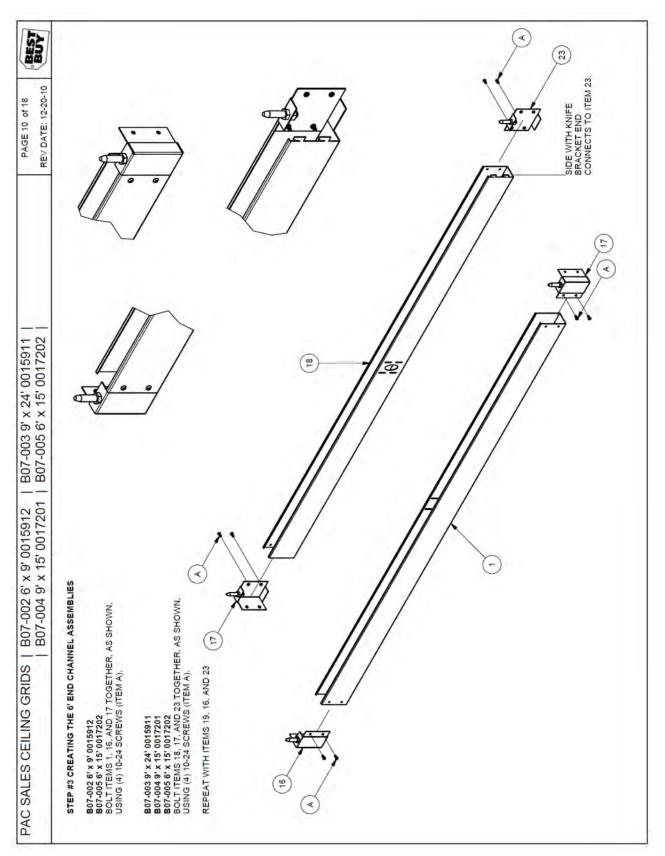
Appendix 2 PAC Ceiling Grid Assembly Instructions Step 1



Appendix 2 PAC Ceiling Grid Assembly Instructions Step 2

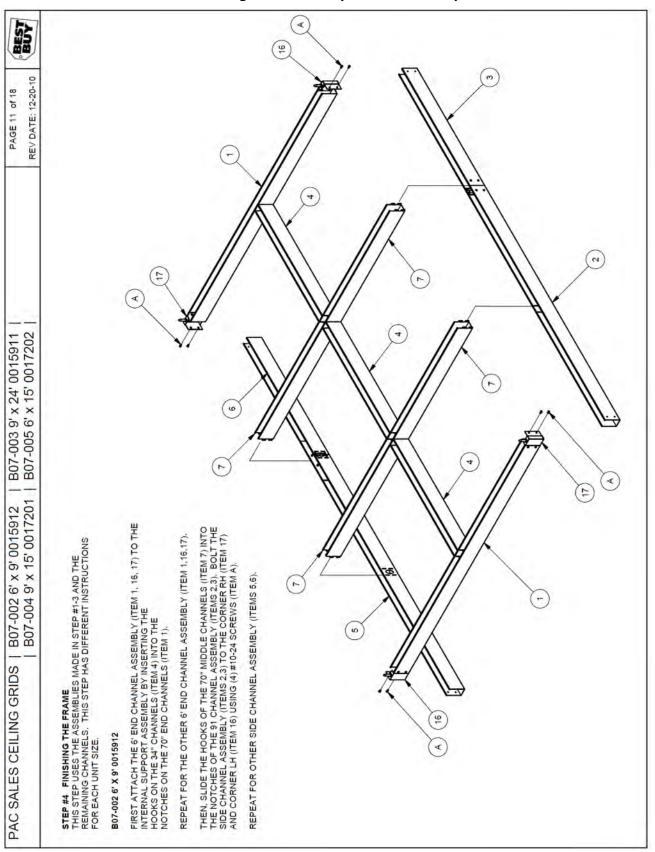


Appendix 2
PAC Ceiling Grid Assembly Instructions Step 3

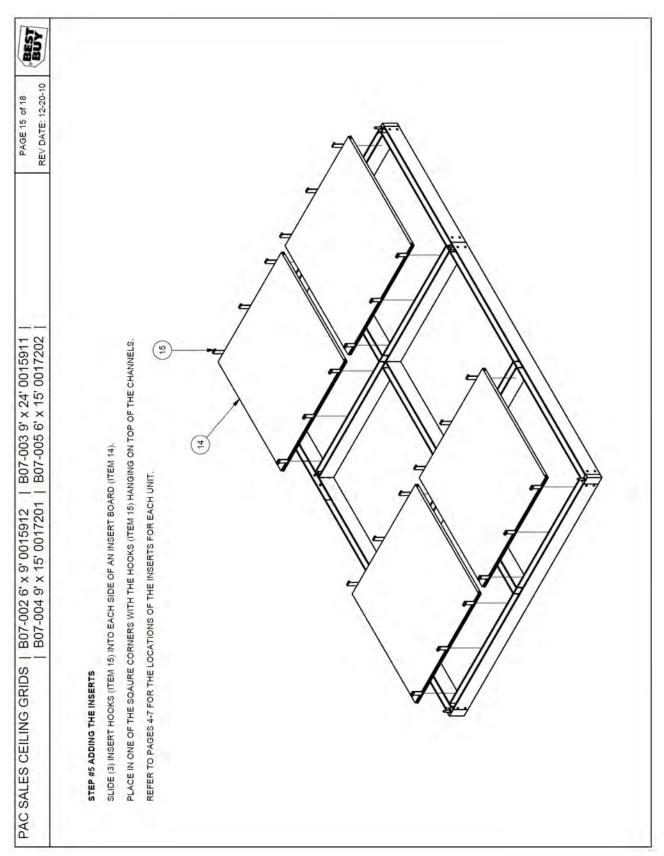


Appendix 2

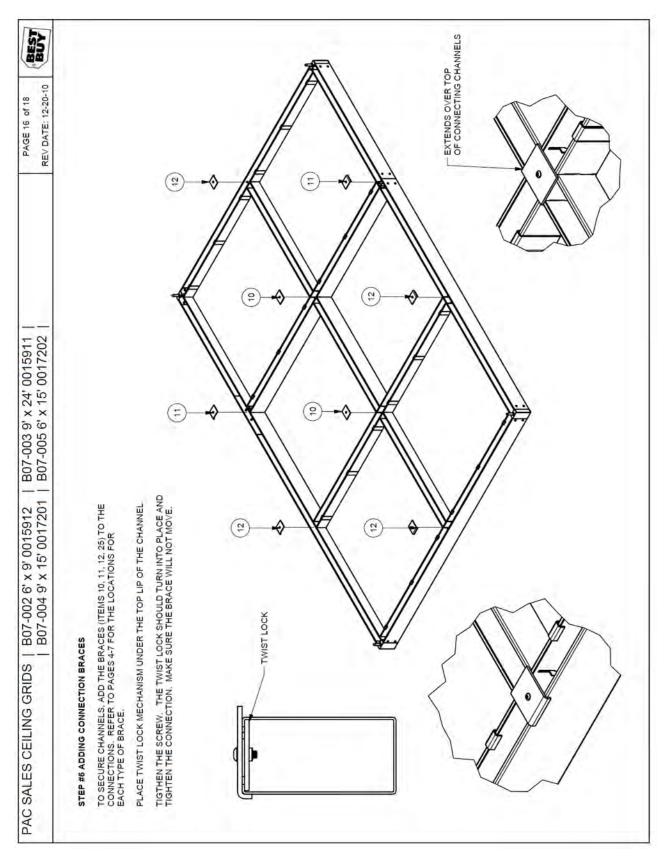
PAC Ceiling Grid Assembly Instructions Step 4



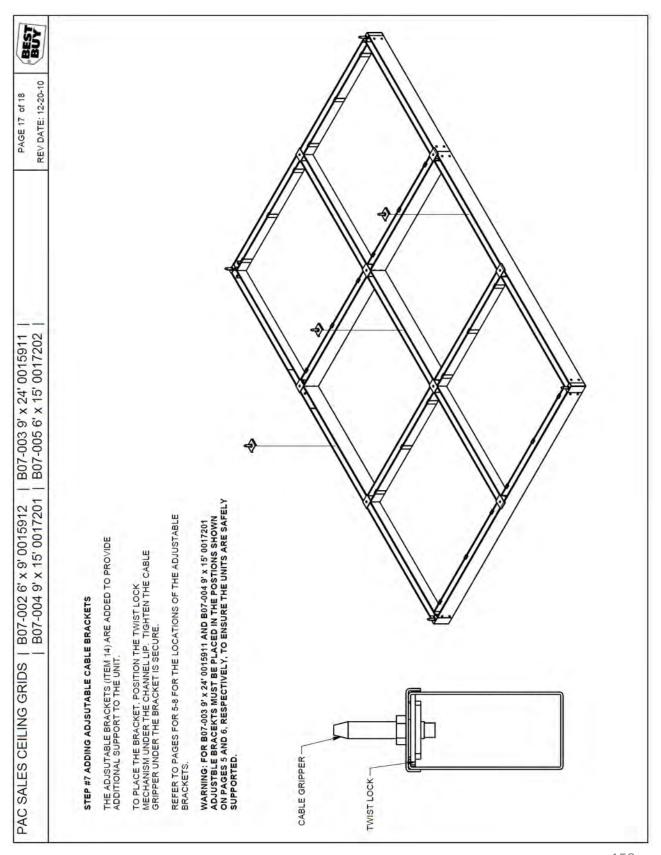
Appendix 2
PAC Ceiling Grid Assembly Instructions Step 5



Appendix 2
PAC Ceiling Grid Assembly Instructions Step 6



Appendix 2 PAC Ceiling Grid Assembly Instructions Step 7



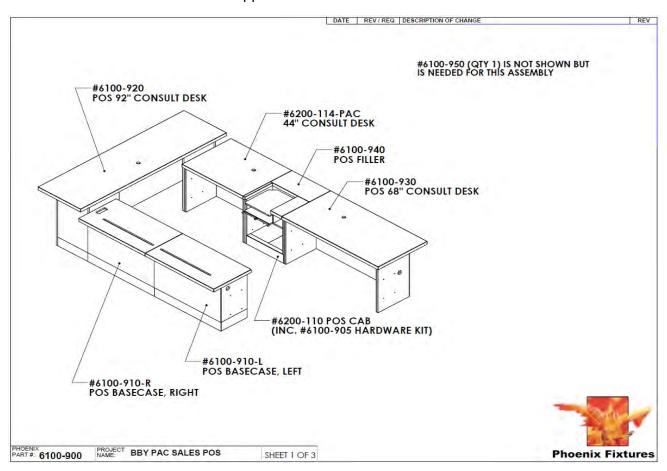
Appendix 2

PAC Ceiling Grid Assembly Instructions Step 8

STEP #8 HANGING CABLES			REV DATE: 12-20-10
	STEP #9 HANGING UNIT TO CEILING	EILING	
WRAP NON-LOOPED END OF CABLE (ITEM C) OVER CEILING BEAM.	LIFT UNIT TO HEIGHT OF BOTTOM OF HANGING CABLES. DO NOT LIFT FROM CENTER PARTS. DO LIFT FROM ENDS.	TOM OF HANGING CABLES. PARTS. DO LIFT FROM ENDS.	
THEN INSERT NON-LOOPED END THROUGH LOOP.	LOOSEN CABLE GRIPPER CAP.	0.	
LET THE CABLE HANG, AS IS, OR USE 2 WIRE ROPE CLIPS (LEM B) TO SECURE CABLE.	INSERT NON LOOPED CABLE ATTACHED TO CORNER RH (I SIDE BRACKETS (ITEM 23) FIF	INSERT NON LOOPED CABLE END (ITEM C) INTO CABLE GRIPPER ATTACHED TO CORNER RH (ITEM 10), CORNER LH (ITEM 11), AND SIDE BRACKETS (ITEM 23) FIRST.	
	NEXT, ATTACH CABLES TO A	NEXT, ATTACH CABLES TO ADJUSTABLE BRACKETS (ITEM 13).	
	LEVEL THE UNIT. TO RAISE H CABLE GRIPPER. TO LOWER OF CABLE GRIPPER AND SLO	LEVEL THE UNIT. TO RAISE HEIGHT OF UNIT, PUSH CABLE THROUGH CABLE GRIPPER. TO LOWER HEIGHT OF UNIT, PRESS DOWN ON TOP OF CABLE GRIPPER AND SLOWLY LET CABLE OUT.	
	TWIST CABLE GRIPPER SAFE	TWIST CABLE GRIPPER SAFETY CAP WHEN UNIT IS IN THE CORRECT POSITION	JON.
	PLACE ALL EXCESS CABLE INSIDE CHANNELS.	ISIDE CHANNELS.	
	WARNING: CABLE MUST PASS TO ENSURE A SAFE CONNEC VERTICALLY, AND NOT AT AN TO HOLD A MAXIMUM OF 40 L MUCH WEIGHT CAN BE ADDE	WARNING: CABLE MUST PASS FULLY THROUGH CABLE GRIPPER TO ENSURE A SAFE CONNECTION. CABLES SHOULD HANG VERTICALLY. AND NOT AT AN ANGLE. THE CABLE GRIPPERS ARE RATED TO HOLD A MAXIMUM OF 40 LBS. EACH. THE TABLE BELOW SHOWS HOW MUCH WEIGHT CAN BE ADDED TO EACH UNIT.	
	TIND	MAX ADDITONAL WEIGHT	
	B07-002 6' x 9' 0015912	140 LBS.	
	B07-003 9' x 24' 0015911	940 LBS.	
	B02-007 9 x 13 0017201 B02-007 6' x 15' 0017202	205 LBS.	
			CABLE GRIPPER

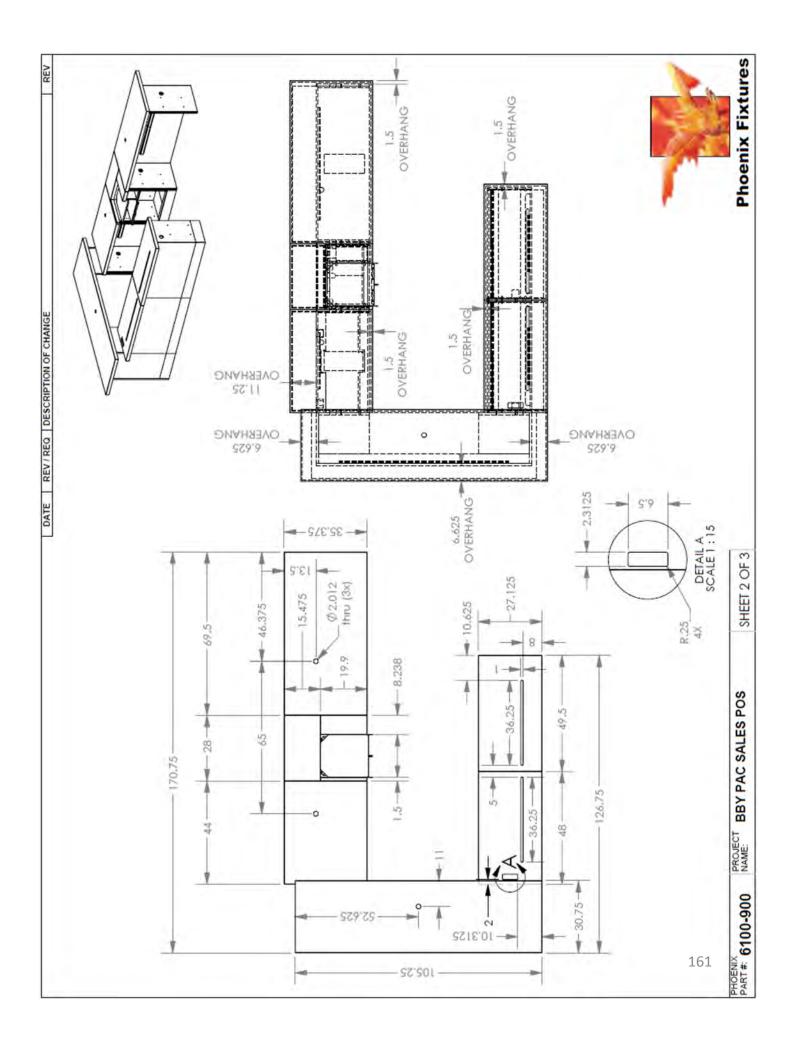
Appendix 3 PAC Consultation Desk:

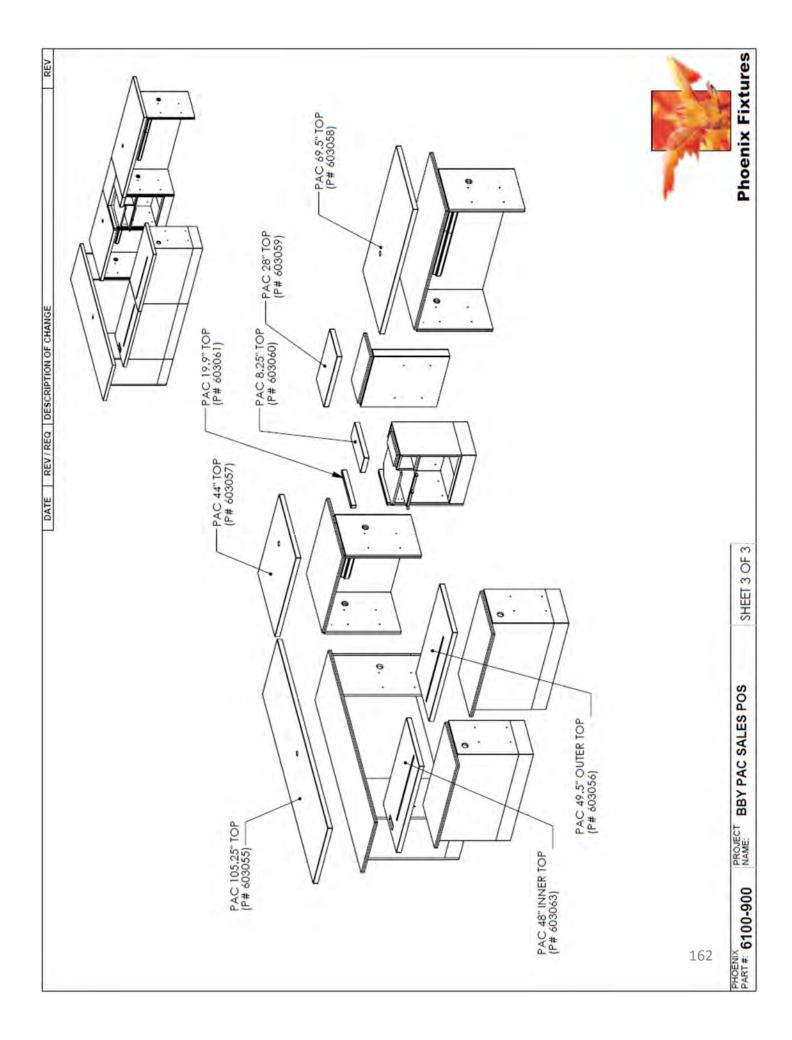
See Appendix 1 for Electrical breakdown





The Consultation Desk cabinets will ship with the kydex counter tops pre-installed.







Viking Vignette



Viking Vignette Opposite View



Thermador Vignette



Kitchen Aid / Jenny-Air Vignette



Kitchen Aid / Jenn-Air Vignette Opposite View



GE Profile Vignette



Electrolux Vignette



4 PC. Kitchen (8 per Store)



4 PC. Kitchen (8 per Store)



4 PC. Kitchen (8 per Store)



4 PC. Kitchen (8 per Store)



4 PC. Kitchen (8 per Store)



Range, Slide in Range, OTR



Counter Depth Refrigeration



Dishwasher Cook Top Display



Oven Display Side 1



Oven Display Side 2



Freestanding Overview



Freestanding Overview



Freestanding Overview



Freestanding Overview



Customer Service Desk



Employee Station



Free Standing Range



Laundry



Laundry



Laundry



Refrigeration



Refrigeration

