

1. Summary. Phasing the Work is critical to the success of DeCA construction projects. This is particularly true of ADAL (Additions and Alterations), Sustainment, and R22/HVAC upgrade projects. Projects may also require phasing of the Site Work. Typically, the store shall remain open during construction. Safety of all building occupants and the quality of the shopping experience for patrons is of the utmost importance. Store operations shall be maintained throughout construction, including but not limited to delivery, storage, processing, stocking, and selling of goods. A detailed phasing plan shall be developed during design to help the contractor ensure safety, minimize disruption to patrons and store personnel, ensure operational capabilities during the Work, and continue to provide patrons with a high-quality shopping experience during the execution of the Work for each construction project. The information below must be taken into account on each project when developing the phasing strategy for that project. The phasing plan for the work should be developed concurrently with the design of the building, and planning should commence during the charrette phase of the project.

2. Include the following in the contract documents:
 - A. Detailed phasing plan drawings for the entire project. Phasing plan(s) shall include but not be limited to:
 1. Overall phasing plan showing all phases of the Work.
 2. Detail phasing plan drawings showing each individual phase in greater detail as needed to fully describe the requirements.
 3. General phasing notes directing the Work in regards to phasing (see attached example).
 4. Phasing schedule indicating the sequence and interrelation of phases, which phases can occur concurrently, which phases cannot be started until the previous phase(s) are completed, etc.
 5. Demolition Plan(s).
 6. Site Phasing Plan(s) when required.
 7. Phasing Life Safety Plan(s) when required.
 8. Phasing details, including but not limited to:
 - A. Temporary partition types.
 - B. Temporary signage.
 - C. Temporary protective structures.
 - D. Temporary fencing.
 - E. Temporary vehicle barriers.
 - F. All other temporary items required for the execution of the Work.
 - B. Detailed phasing requirements in the specification, including but not limited to, the following:
 1. Contractor's phasing plan.

2. Contractor's construction schedule.
 3. Completion of work and phase turnover requirements.
 4. Conditions for proceeding to subsequent phases.
 5. Indicate to the bidders the time that will be required for DeCA to occupy a new phase prior to commencing work on the subsequent phase(s).
 6. Utility outage requirements. Power outages typically must occur during non-sales hours and be coordinated with the store management a minimum of two weeks prior to the outage. If planned power outages will exceed 2 hours, temporary generators for the product refrigeration system must be provided.
 7. Installation and removal of temporary construction barriers.
 8. Debris removal requirements (from within the store). Debris removal that must travel through the sales area or processing rooms must be during non-sales hours.
 9. Work hours restrictions and limitations. Discuss with store management what hours the store is occupied by staff at night and weekends. It is desirable to make the store available to the contractor for work performance at all times the store is occupied by government personnel.
 10. All other phasing related items that require specifications to ensure that the Work is performed safely and as planned.
 11. Noisy construction and demolition activities such as use of a jack hammer or concrete saw must occur during non-sales hours.
 12. Dust, odor and vapor generation must be taken into account and measures should be taken to ensure that there is minimal intrusion of dust, odors and vapors into the parts of the store not being worked on.
3. Considerations in the development of the Phasing Plans
- A. Develop the phasing plan(s) to maintain sufficient display space in the Sales Area to meet sales demand to the greatest degree possible.
 1. It is highly desirable to maintain all gondola shelving capacity during the performance of the Work. Relocate or supplement with temporary gondola shelving to accommodate phasing. If gondola shelving must be reduced, as a general rule, do not remove more than 2 rows of gondola at a time.
 2. When possible, set up a temporary sales area in the warehouse to offset loss of display space during performance of the Work.
 3. Temporary facilities may be required as a part of the construction contract - see the temporary facilities section below.
 4. DeCA personnel typically move the product on and off of the gondola and the display cases.

5. The contractor typically moves the gondolas and display cases.
 6. New gondola is GFGI and the installation must be coordinated with the contractor's Work. Often the new gondola is installed after the entire project is complete, in which case the contractor will move and reinstall the existing gondola at each phase.
 7. Checkstands are GFGI and the installation must be coordinated with the contractor's Work. Verify if the government's CARTS contractor (not the general contractor performing the work) is required to move the checkstands when the existing checkstands are to be relocated and reused as a part of the project.
 8. The contractor shall be responsible for the relocation of large equipment items that require hard wired or hard plumbed utility connections. The contractor shall also be responsible to relocate large bulky equipment such as safes and large storage cabinets.
- A. Develop the phasing plan(s) to maintain adequate number of checkouts for store operations at all times.
1. Maintain at least two thirds of the checkout capacity in all phases of the Work.
 2. In some instances the new checkouts can be installed before the existing are demolished and removed.
 3. In extreme instances, a temporary checkout area can be utilized.
 4. Consider incorporating the use of the mobile checkstands if the Work reduces the number of checkstands below acceptable numbers, or if the reduction occurs during the Holiday season (November through December).
 5. New checkstands are GFGI and their disconnection, reconnection, and installation must be coordinated with the contractor's Work. Often the new checkstands are installed after the entire project is complete, in which case the contractor may be required to move and reinstall the existing checkstands at each phase in order to accomplish the work. In this case, the GFGI DeCA CARTS contractor will be required to disconnect and connect the existing checkstands to the CARTS system. Verify who is responsible for moving the checkstands, the contractor or the CARTS contractor and indicate on the plans.
- B. Develop the phasing plan(s) to schedule work that affects patron areas and/or the patron parking lot to NOT occur during the holiday season when possible (November and December).
- C. Develop the phasing plan(s) to maintain sufficient storage and prep capacity in the back room to support the sales area.
1. Renovate back room areas in phases to limit the amount of area lost during any one phase to the degree that is possible and viable.
 2. Utilize areas that are still operational to temporarily house functions whose areas are being renovated.
 3. Utilize temporary facilities when required (see temporary facilities section below).
 4. In multi-room meat processing and produce areas, renovate one room at a time so that displaced functions can occur in the areas not under construction.

5. In extreme situations, check to see if some of the functions can be performed offsite or if local Vendor support is available and can be utilized during construction (for example - baked goods can be brought in to the store by a local bakery during renovation of the deli-bakery area).
 6. It may be possible to increase the number of deliveries per week during certain phases of the Work that reduce storage capacity.
 7. When possible and applicable, phase the project to construct new storage and/or processing areas prior to work in the existing storage and/or processing areas whenever possible so that the new area is fully functional prior to demolishing the existing area it replaces.
- D. Develop the phasing plan(s) to maintain vehicular access to the store and service yard.
1. Phase the work in the parking lot and access roadways to minimize disruptions to patron access to the Commissary.
 2. Maintain adequate parking for the store during the performance of the Work.
 3. Provide temporary traffic signage as required to ensure safe and efficient flow of motorists and pedestrians in the parking lot.
 4. Ensure that emergency response vehicles can access the site during all phases of the Work.
 5. Maintain two means of ingress and egress into the site at all times during the Work to reduce the chance of access being blocked by an accident.
 6. Engage a traffic consultant to develop a traffic plan for the phases of the patron parking lot when necessary.
- E. Develop the phasing plan(s) to maintain utility services to the Commissary:
1. Construct new utilities prior to removal of existing.
 2. Minimize utility outages and coordinate all outages with store director two or more weeks in advance.
 3. Provide temporary service prior to removing and replacing utility service when required for outages whose duration will affect store operations and/or the safe storage of refrigerated and/or frozen product.
- F. Develop phasing plans to best accommodate the Work to the building's engineering systems and major components. When applicable, take the following items into consideration when developing the phasing plan:
1. Consider the sequence required to demolish, remove and replace the following items in the Sales Area, taking into account that the Work must be done in multiple phases, one phase at a time (often one or more of the below items will drive which direction across the Sales Floor that the work must progress):
 - A. The ductwork.

- B. The plumbing.
- C. The ceiling (tile and/or grid).
- 2. Consider the sequence required to demolish, remove and replace the refrigeration systems.
- 3. Consider the sequence requirements to perform the electrical work that is a part of the project.
- G. Include staging and lay down areas, material storage areas, job trailer areas, and other contractor space requirements in the phasing plans.
- H. Consider how the contractor will remove debris from demolition work from the building and develop the phasing plans to minimize exposure and disruptions to patrons and store operations.
- I. Verify that the doors into the Sales Area are large enough for existing equipment to be removed from and new equipment to be brought in to the Sales Area. Include in the contract documents a permanent door large enough if one does not exist.
- J. Verify that doors into other areas of the building, especially areas containing large pieces of equipment such as the HVAC units in a mezzanine area, are large enough for existing equipment to be removed from the building and new equipment to be brought in to the building. Include in the contract documents enlargement of openings or the creation of new temporary or permanent openings when required.
- K. Develop the phasing plan(s) to utilize temporary facilities to compensate for the loss of storage, processing, office, and/or sales area when necessary. Temporary facilities are to be utilized only when all other possibilities have been explored and there are no other options available.
 - 1. Temporary chill and freeze trailers can be used when the area of existing chill and/or freeze is reduced below required minimum during the renovation.
 - 2. Temporary restrooms can be utilized if there is no way to keep restrooms in the building available to store occupants during the Work.
 - 3. Temporary tent structures to house the sales areas and warehouse area can be utilized when the entire building must be vacated as a part of the Work (as an example, for remediation or other similar activities).
 - 4. In some cases the entire store can be relocated and a temporary store can be constructed in an existing warehouse or hangar on the Installation. This is often a viable solution when renovating small stores.
 - 5. Temporary refrigeration systems can be installed when there is not sufficient space for the new system to be installed while the existing is still in place.
 - 6. Temporary HVAC and/or electrical can be installed when there is not sufficient space for the new system to be installed while the existing is still in place.
- L. In ADAL projects, often it is possible to build the addition(s) during the first phases of the Work, and utilize the new area in the addition as swing space for each of the phases of the Work to the sales area.

1. Sales area can be moved into new Sales Area that is added, allowing the store to maintain the same amount of display space during the entire ADAL project.
 2. On projects that include new restrooms as a part of the Work, phase the Work so that the new restrooms are operational and can be used prior to demolishing the existing restrooms when possible.
- M. Construct new utilities under new pavements prior to constructing the new pavements, even if this requires constructing new utilities in phases. Do not phase new utilities in a way that requires cutting and trenching through newly constructed pavements.
- N. Develop phasing plans to ensure that stormwater is adequately managed during construction. In some cases, it may be necessary to install new stormwater systems prior to doing work that will increase the stormwater load generated on the site or prior to demolishing existing stormwater structures.
2. Phasing documents shall direct the contractor's Work to include, but not be limited to, the following:
- A. Maintain safe operation of the commissary throughout the duration of the Work.
 1. Safety shall be considered for all building occupants, including but not limited to:
 - A. Patrons.
 - B. Store operations personnel.
 - C. Vendors.
 - D. DeCA field personnel.
 - E. Construction personnel.
 - F. Construction site visitors (inspectors, AE of record, BCE/DPW personnel, fire officials, base security, comm squad, base environmental, DeCA visitors, etc.).
 - G. All other people occupying the Commissary or Commissary site during the execution of the Work.
 2. Construct temporary barriers to protect building occupants from the Work.
 3. Maintain required egress capacity at all times for all occupied areas of the building, including the areas where the Work is occurring during each phase of the Work.
 4. Maintain the proper number of exits during all phases of the Work.
 5. Maintain compliance with required maximum travel distances, common path of travel, and distance between required exits during all phases of the Work.
 6. Maintain emergency lighting during all phases of the Work.
 7. Maintain the fire alarm system, mass notification system, smoke detection system, and sprinkler system in working order throughout all phases of the Work.

8. Provide temporary fire extinguishers when and where required during the performance of the Work.
 9. Maintain compliance with all other life safety code requirements during all phases of the Work.
 10. Move all large (50 lbs or more) pieces of existing to reuse commissary equipment indicated in the contract documents. This includes moving the equipment to its temporary location, moving it back to its final location, and re-installing it. Re-installation includes making all utility connections required. Store personnel will move the following items:
 - A. All products and supplies.
 - B. Any small moveable equipment that plugs in the wall such as scales and slicers.
 - C. Any small equipment that does not plug in such as small bakery oven racks and storage racks.
- B. Provide temporary signage as required to ensure the safety of building occupants during the Work. Signs may include, but are not limited to:
1. Construction Area Do Not Enter.
 2. Exit.
 3. Notice Temporarily Closed for Construction.
 4. Hard Hat and Safety Glasses Required Beyond This Point.
 5. Standard traffic control signage in the parking lot.
 6. Please Pardon Our Dust While We Improve Your Store.
- C. Utilize temporary barriers, construction practices, and work performed during non-business hours to protect building occupants from, but not limited to, the following:
1. Noise.
 2. Dust.
 3. Fumes/vapors.
 4. Smoke.
 5. Debris.
 6. Welding hazards.
 7. Vibrations.
 8. Water (particularly slip and fall hazards).
 9. Tripping hazards.
 10. Hazardous materials.

11. Fire.
12. Personal injury and/or death.
13. Construction activities that could be hazardous to building occupants.
14. Any other hazards resulting from performance of the Work.

D. Stormwater and Erosion Control

1. Provide and maintain erosion control measures that comply with local jurisdictions throughout each phase of construction.
2. Provide and maintain proper stormwater management measures that comply with local jurisdiction throughout each phase of construction.

END OF SECTION

APPENDIX A

Typical General Phasing Notes for use on ADAL and Sustainment Projects

(Edit as Required for each project)

STORE OPERATING HOURS

(STORE HOURS ARE - SUNDAY: 1000-1800; MONDAY: CLOSED; TUESDAY: 0900-1900; WEDNESDAY - FRIDAY: 1000-1900; SATURDAY: 0900-1800). VERIFY WITH STORE DIRECTOR THE STANDARD HOURS OF OPERATION AND ALL SCHEDULED EVENTS OR VARIATIONS IN STORE HOURS.

GENERAL PHASING NOTES:

1. THE COMMISSARY WILL CONTINUE TO OPERATE AND PROVIDE FULL SERVICE TO CUSTOMERS DURING CONSTRUCTION. THE FOLLOWING NOTES APPLY TO THE CONTRACTOR'S PLAN TO ACCOMPLISH CONSTRUCTION WITHIN THE EXISTING FACILITY. THE CONTRACTOR MUST VISIT THE FACILITY AND CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDING AND SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSAL AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION WAS CONDUCTED AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED.
2. THE INTENT OF THE PHASING PLANS IS TO MINIMIZE THE IMPACT OF THE CONSTRUCTION ON THE OPERATION OF THE COMMISSARY. THE PHASING PLAN MUST ENABLE FULL SERVICE COMMISSARY SALES TO CUSTOMERS AT ALL TIMES THAT THE COMMISSARY IS OPEN TO CUSTOMERS. CONSTRUCT THE PROJECT IN SEQUENTIAL PHASES AS OUTLINED IN THE PLANS UNLESS OTHERWISE APPROVED BY THE GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE.
3. PHASING PLANS SHOWN ARE DIAGRAMMATIC & FOR PHASING PURPOSES ONLY. THEY SHOULD NOT BE SCALED OR OTHERWISE USED FOR TAKE-OFFS. COORDINATE PHASING WITH DEMOLITION DRAWINGS AS WELL AS PLANS FOR NEW WORK AND REPAIRS. COORDINATE WITH PROJECT PLANS AND SPECIFICATIONS.
4. THE BOUNDARY LINES SHOWN (HATCHED AREAS) ARE FOR GENERALIZATION PURPOSES ONLY AND DO NOT INDICATE A BOUNDARY WITHIN WHICH ALL WORK MUST BE CONTAINED. THE CONTRACTOR MUST COORDINATE ANY WORK THAT COULD DISRUPT REGULAR COMMISSARY BUSINESS ACTIVITY WITH THE GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE PRIOR TO BEGINNING WORK. MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS INTO AND OUT OF FACILITIES FREE OF OBSTRUCTIONS DURING CONSTRUCTION UNLESS OTHERWISE SHOWN.
5. PHASING NOTES DO NOT LIST ALL ITEMS OF WORK REQUIRED BY THE CONSTRUCTION DOCUMENTS BUT ARE A GUIDE TO ACCOMPLISHING MAJOR AREAS OF WORK.
6. ALL WORK ITEMS NOT INCLUDED IN PHASING PLANS ARE TO BE COMPLETED PER TIME FRAMES DICTATED BY THE CONTRACT DOCUMENTS. WORK MAY BE DONE DURING STORE OPERATING HOURS PROVIDED THE WORK DOES NOT INTERFERE WITH COMMISSARY OPERATIONS AND HAS PRIOR APPROVAL BY THE STORE DIRECTOR.

7. PHASES ARE TO BE COMPLETED IN SEQUENTIAL ORDER. PROPOSED DEVIATIONS TO THE SPECIFIED SEQUENCE MUST BE SUBMITTED IN ADVANCE FOR APPROVAL BY THE GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE. PROVIDE A JUSTIFICATION FOR WHY THE DEVIATION IS REQUIRED TO ACCOMPLISH THE CONTRACT.

8. CONTRACTOR SHALL SUBMIT A CONSTRUCTION PHASING/SEQUENCING PLAN (IN ACCORDANCE WITH SPECIFICATION SECTION 013216) WHICH COMPLIES WITH THE OPERATIONAL AND ACCESS REQUIREMENTS INDICATED IN THESE PHASING PLANS AND REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE CONTRACTORS PHASING PLAN MUST BE SPECIFIC AND INCLUDE ALL WORK REQUIRED INCLUDING DEMOLITION, LOCATION & CONSTRUCTION OF TEMPORARY WALLS & BARRICADES, UTILITY DOWN TIME, TEMPORARY UTILITY AS REQUIRED TO KEEP THE COMMISSARY FACILITY OPERATIONAL AT ALL TIMES, AND WORK TO OCCUR DURING NON-OPERATIONAL HOURS WITHIN THE COMMISSARY. COORDINATE THE PRODUCTION OF THE CONTRACTOR'S PHASING PLAN WITH THE SPECIFIED REQUIREMENTS FOR THE CONSTRUCTION PROGRESS MANAGEMENT SCHEDULE AND THE STORE DIRECTOR.

9. THE CONTRACTOR'S PHASING PLAN MUST IDENTIFY MEASURES TO PROVIDE FOR PUBLIC AND EMPLOYEE SAFETY AS WELL AS CONTRACTOR'S WORKFORCE SAFETY. DIAGRAM HOW THE CONTRACTOR WILL MAINTAIN VEHICULAR CIRCULATION, SERVICE CIRCULATION, AND PEDESTRIAN CIRCULATION THROUGHOUT THE SITE DURING THE ENTIRE PROJECT. THE PLAN MUST SHOW CUSTOMER ACCESS, SERVICE ACCESS AND EMERGENCY EGRESS DURING EACH PHASE AND THROUGHOUT THE DURATION OF CONSTRUCTION.

10. NOTIFY THE GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE IN WRITING UPON COMPLETION OF EACH PHASE. DO NOT PROCEED TO THE SUBSEQUENT PHASE UNTIL THE WORK IS ACCEPTED BY THE GOVERNMENT. PROVIDE REASONABLE TIME FOR THE COMMISSARY TO RELOCATE PRODUCT AND GOVERNMENT EQUIPMENT WHEN MOVING IN AND OUT OF PHASES.

11. DO NOT BEGIN A SUBSEQUENT PHASE OF CONSTRUCTION UNTIL ALL WORK IN THE PREVIOUS PHASE IS SUBSTANTIALLY COMPLETE AND TURNED OVER TO THE COMMISSARY FOR USE.

12. DO NOT COMMENCE WORK IN ANY AREA UNTIL ALL MATERIALS, SUPPLIES AND EQUIPMENT REQUIRED TO RETURN THAT AREA TO FULLY OPERATIONAL SERVICE HAVE ARRIVED ON SITE AND ARE READILY AVAILABLE.

13. GOVERNMENT IS RESPONSIBLE FOR REMOVAL/RELOCATION OF MERCHANDISE WITHIN EACH AREA OF WORK & WILL DO SO AFTER RECEIPT OF CONTRACTOR'S WRITTEN NOTICE OF INTENT TO COMMENCE WORK.

CONTRACTOR IS RESPONSIBLE FOR REMOVAL/RELOCATION OF EXISTING EQUIPMENT AND FURNITURE AS NEEDED TO COMPLETE WORK.

PROTECT EQUIPMENT AND MERCHANDISE IN AREAS OF WORK. EQUIPMENT AND FURNITURE THAT IS MOVED IN ORDER TO COMPLETE WORK MUST BE RETURNED TO ITS ORIGINAL POSITION, CLEANED, AND FULLY OPERATIONAL AT THE BEGINNING OF EACH BUSINESS DAY UNLESS THAT AREA OF WORK IS DESIGNATED TO BE TEMPORARILY SHUT DOWN OR RELOCATED DURING CONSTRUCTION. MAINTAIN IN OPERATION EXISTING EQUIPMENT

OUTSIDE AREAS OF WORK DURING CONSTRUCTION AND PROVIDE TEMPORARY UTILITIES AND CONNECTIONS AS REQUIRED TO DO SO.

14. REMOVE DEBRIS AND TRASH FROM THE CONSTRUCTION WORK AREAS DAILY AND PLACE INTO DUMPSTERS OR OTHER APPROVED CONTAINERS. IF TRASH MUST BE HAULED WITHIN OPERATING AREAS, IT MUST BE IN APPROVED CLOSED CONTAINERS.

15. MAINTAIN CLEAR PATHS THROUGH WORK AREAS FOR DELIVERY ACCESS TO PROCESSING AND STAGING AREAS. COORDINATE WORK TO ACCOMMODATE GF/GI (GOVERNMENT FURNISHED / GOVERNMENT INSTALLED) EQUIPMENT DELIVERY AND INSTALLATION AS REQUIRED.

16. COMMISSARY SALES AND OPERATIONAL AREAS MUST BE CLEAN AND FREE OF DEBRIS, DUST, DIRT, MUD, CONSTRUCTION MATERIALS, EQUIPMENT, ETC AT ALL TIMES. IN INTERIOR CONSTRUCTION AREAS WHERE SIGNIFICANT DUST IS GENERATED PROVIDE ACTIVE EXHAUST VENTILATION TO PROVIDE A NEGATIVE AIR PRESSURE IN THE DUST AREA. PREVENT MIGRATION OF DUST TO OCCUPIED AREAS OF THE BUILDING

17. THE CONTRACTOR MAY USE AREAS ON COMMISSARY PROPERTY FOR CONSTRUCTION STAGING AND EQUIPMENT STORAGE AS SHOWN ON THE PLANS AND WHERE DEEMED APPROPRIATE. THE LOCATION OF THESE AREAS MUST BE APPROVED IN ADVANCE AND MUST COMPLY WITH ALL CONTRACT REGULATIONS GOVERNING STAGING AND EQUIPMENT STORAGE AREAS (I.E.: FENCING, UTILITIES, ACCESS HOURS, HAUL ROUTES, ETC.) AS PRESCRIBED BY THE GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR THE SECURITY OF THESE AREAS THROUGHOUT THE DURATION OF THE CONSTRUCTION. AFTER USE, RESTORE TO ORIGINAL CONDITION ANY LANDSCAPING, PAVEMENT, FLOOR FINISHES, ETC. WHICH HAVE BEEN DAMAGED OR ALTERED DURING CONSTRUCTION.

18. THE REPLACEMENT OF FINISHES IN THE SALES AND CHECKOUT AREAS SHALL BE PHASED AS INDICATED IN THE CONTRACT DOCUMENTS UNLESS OTHERWISE APPROVED BY GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE AND IN COORDINATION WITH THE STORE DIRECTOR.

19. DURING HOLIDAY MONTHS OF NOVEMBER AND DECEMBER, DO NOT SCHEDULE WORK IN THE CHECKSTAND AREA DURING SALES HOURS. ALL EXISTING CHECKSTANDS MUST BE OPERATIONAL FOR STORE USE DURING THESE MONTHS.

20. EACH STORE DEPARTMENT (MEAT, PRODUCE, DAIRY, FROZEN FOODS, DELI / BAKERY) SHOULD LOSE NO MORE THAN 50% OF THEIR DISPLAY AT ANY TIME UNLESS OTHERWISE APPROVED BY STORE DIRECTOR AND GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE.

21. PROVIDE TEMPORARY COLD STORAGE TRAILERS AS REQUIRED DURING WORK IN PROCESSING AREAS AND COLD STORAGE ROOMS. REFER TO GENERAL DESCRIPTION OF WORK EACH PHASE FOR MINIMUM NUMBER OF TRAILERS REQUIRED EACH PHASE.

22. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE HOW TO TRANSFER NEW AND EXISTING EQUIPMENT WHICH MAY OR MAY NOT FIT THROUGH EXISTING OPENINGS. PROVIDE ANY TEMPORARY MODIFICATIONS NEEDED TO ACCOMMODATE ALL EQUIPMENT.

23. COORDINATE PROCUREMENT AND INSTALLATION OF DECOR PACKAGE (GRAPHICS, AISLE MARKERS, BANNERS, ETC.) WITH PHASING SCHEDULE.
24. COORDINATE PROCUREMENT AND INSTALLATION OF NEW GONDOLA SHELVING (GF/GI) WITH PHASING SCHEDULE.
25. ALL UTILITY TRENCHES, PAVEMENT CUTS, ETC. MUST BE RESURFACED IMMEDIATELY IN AREAS OF PEDESTRIAN OR VEHICULAR TRAFFIC TO PREVENT ANY HAZARD TO PEDESTRIANS AND MOTORISTS.
26. CONTRACTOR SHALL HAVE MANUFACTURER'S REPRESENTATIVES AVAILABLE FOR THE INITIAL START UP, CALIBRATION AND TESTING OF CONTRACTOR FURNISHED EQUIPMENT.
28. CONTRACTOR SHALL MOVE, RELOCATE, AND RE-INSTALL LARGE (50 LBS OR MORE) EXISTING TO REUSE PIECES OF EQUIPMENT INDICATED IN THE CONTRACT DOCUMENTS. THIS INCLUDES MOVING THE EQUIPMENT OUT OF THE WORK AREA SO THAT WORK MAY BE DONE, MOVING IT BACK TO ITS FINAL LOCATION AFTER THE WORK IS COMPLETED, AND RE-INSTALLING IT. THE TEMPORARY LOCATION FOR THE EQUIPMENT WILL BE IDENTIFIED BY THE DECA GOVERNMENT REPRESENTATIVE. RE-INSTALLATION INCLUDES MAKING ALL UTILITY CONNECTIONS REQUIRED BY EACH PIECE OF EQUIPMENT.

MECHANICAL / PLUMBING/ELECTRICAL / FIRE PROTECTION NOTES

1. COORDINATE ALL WORK WITH THE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION PHASING NOTES AND DRAWINGS. MAINTAIN ALL UTILITIES IN SERVICE AT ALL TIMES.
2. HEATING, COOLING, ELECTRICAL & PLUMBING UTILITY INTERRUPTIONS MUST BE COORDINATED WITH THE STORE DIRECTOR AND SUBMITTED IN WRITING TO THE GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE FOR REVIEW AND APPROVAL A MINIMUM OF 2 WEEKS BEFORE WORK CAN BEGIN. RE-CONFIRM UTILITY SERVICE DISRUPTIONS WITH THE STORE DIRECTOR A MINIMUM OF 24 HOURS PRIOR TO THE ACTUAL APPROVED OUTAGE.
3. TEMPORARY UTILITIES MUST BE INSTALLED, MAINTAINED, AND REMOVED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND IN A MANNER SATISFACTORY TO THE GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE. REMOVE TEMPORARY UTILITIES AND CONNECTIONS PRIOR TO THE FINAL ACCEPTANCE OF THE CONTRACT. THE GOVERNMENT WILL NOT BE HELD LIABLE FOR THE CONTRACT DELAYS, DAMAGES, OR COST INCREASES INCURRED BY INTERRUPTIONS OF UTILITY SERVICE.
4. HVAC SUPPLY AND RETURN AIR DUCTWORK CROSSING THROUGH OR TERMINATING WITHIN A CONSTRUCTION AREA SHALL BE TEMPORARILY COVERED OR BLOCKED OFF (AS APPROPRIATE) TO PREVENT CONSTRUCTION DUST AND DEBRIS FROM ENTERING OTHER AREAS OF THE STORE. MAINTAIN ENVIRONMENT (TEMPERATURE AND HUMIDITY) WITHIN

EXISTING COMMISSARY BUILDING THROUGHOUT ENTIRE CONSTRUCTION PERIOD.

5. PROVIDE POWER FOR CONTRACTOR SUPPLIED TEMPORARY REFRIGERATED TRAILERS.

6. WHERE POSSIBLE, UNIT COOLER CHANGES ARE TO BE STAGED SO THAT NEW UNIT COOLERS ARE RUNNING WHEN EXISTING UNIT COOLERS ARE SHUT DOWN. WHEN STAGING IS NOT POSSIBLE, PREP IS TO BE DONE TO KEEP DOWN TIME TO A MINIMUM.

7. ENSURE ADEQUATE VENTILATION IS MAINTAINED IN ALL AREAS THROUGHOUT THE PERIOD OF CONSTRUCTION, INCLUDING PROTECTION FROM NOXIOUS FUMES AND VAPORS THAT MAY OCCUR DURING CONSTRUCTION.

NOTES REGARDING CONSTRUCTION BARRIERS:

1. PROVIDE A HARD CONSTRUCTION BARRIER WITH SOUND ATTENUATION BATT INSULATION IN ALL AREAS WHICH INVOLVE HEAVY DEMOLITION, EXCESSIVE NOISE, OR HIGH DUST PRODUCTION (JACK HAMMERING, CONCRETE SAWING, FLOOR GRINDING, ETC.). PROVIDE BARRIER IN ACCORDANCE WITH PLAN DETAILS.

2. PROVIDE A SOFT CONSTRUCTION BARRIER AT AREAS OF WORK WHICH CREATE MINOR LEVELS OF DUST, DEBRIS, OFFENSIVE ODORS, AND OTHER ACTIONS WHICH COULD BE DISRUPTIVE TO COMMISSARY OPERATION. SOFT CONSTRUCTION BARRIER CONSISTS OF A FOUR FOOT HIGH PLYWOOD BARRIER AND 6 MIL (MIN) POLY CONSTRUCTION SHEETING TO THE CEILING. THE SOFT BARRIER IS TO BE ADEQUATELY SUPPORTED AND COMPLETELY SEALED AT ALL SHEET JOINTS AND AT THE FLOOR AND CEILING (OR ROOF DECK). WHERE CEILING HEIGHTS PROHIBIT SEALING THE BARRIER TO THE CEILING, A CAP IS TO BE PROVIDED. DURING NON OPERATIONAL STORE HOURS; SOFT BARRIERS MAY BE PLACED OUTSIDE OF LIMITS OF CONSTRUCTION BARRIERS AS DESCRIBED ON THE PHASING PLANS AND DIAGRAMS AND THEN TAKEN DOWN WITH THE AREA MADE CLEAN AND SAFE IN THE MORNING PRIOR TO STORE OPERATING HOURS.

3. A PARTIAL HEIGHT CONSTRUCTION BARRIER MAY BE USED AS SAFETY BARRIER TO AREAS OF WORK FOR SHORT PERIODS OF TIME (LESS THAN ONE WEEK) WHICH DO NOT CREATE DUST, DEBRIS, OFFENSIVE ODORS OR EXCESSIVE NOISE. PARTIAL HEIGHT BARRIERS WILL BE PLYWOOD FOUR FEET HIGH AND MAY REMAIN IN PLACE DURING NORMAL STORE OPERATING HOURS.

4. MAINTAIN ALL TEMPORARY SIGNAGE, BARRIERS, FENCES, CONES, SCAFFOLDING, COVERED SCAFFOLDING FOR OVERHEAD PROTECTION, SERVICE AND EGRESS ACCESS CORRIDORS THROUGH WORK AREAS, TEMPORARY FIRE PROTECTION, ETC. IN GOOD CONDITION FOR THE DURATION OF THE PROJECT.

5. PROVIDE TEMPORARY SIGNAGE TO DESIGNATE CONSTRUCTION AREAS, FOR EXAMPLE "HARD HAT AREA"; "EMERGENCY EXIT"; AND NECESSARY SIGNAGE FOR RE-ROUTING PATRONS AND EMPLOYEES AS REQUIRED BY THE GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE.

6. PROVIDE ADA ACCESSIBLE PROTECTION BARRIERS OVER ANY EXPOSED OPENING IN FLOOR.

7. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES TO COMMISSARY FACILITY AND PRODUCTS OCCURRING FROM INSUFFICIENT PROTECTION FROM WEATHER, DUST, ETC.

EGRESS / LIFE SAFETY NOTES

1. REQUIRED MEANS OF EGRESS MUST BE MAINTAINED AT ALL TIMES. TEMPORARY PARTITIONS MUST ALLOW ACCESS TO EXISTING EXITS, CORRIDORS, OCCUPIED SPACES, ETC. DURING NORMAL STORE HOURS. TEMPORARY EGRESS CORRIDORS MUST MEET APPLICABLE CODES FOR EXIT SIGNAGE, EMERGENCY LIGHTING, LIFE SAFETY SPEAKER / STROBES, FIRE EXTINGUISHER PLACEMENT, SPRINKLERS, ETC. DO NOT CLOSE OR OBSTRUCT EXITS, CORRIDORS, OR ACCESS TO OTHER OCCUPIED SPACES WITHOUT APPROVED WRITTEN PERMISSION FROM GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE.

2. LIFE SAFETY SYSTEMS MUST REMAIN FULLY OPERATIONAL THROUGHOUT DURATION OF CONSTRUCTION. ALL EXISTING SYSTEMS (FIRE ALARM, PULL STATIONS, HORNS, STROBES, SPEAKERS, ETC) SHOULD BE EITHER RELOCATED OR TEMPORARILY SUSPENDED FROM THE STRUCTURE AS REQUIRED. BEFORE TEMPORARILY DISCONNECTING OR RELOCATING EXISTING FIRE ALARM EQUIPMENT NOTIFY GOVERNMENT AUTHORIZED TECHNICAL REPRESENTATIVE.

3. PROVIDE TEMPORARY FIRE EXTINGUISHERS ON PORTABLE STANDS WHERE DOING HOT WORK AND WHERE MOUNTED EXTINGUISHERS ARE NOT ACCESSIBLE.

END OF APPENDIX