

TECHNICAL CRITERIA

FASHION DISTRICT PHILADELPHIA



MACERICH® THE PLACE TO SHOP

ADDENDUM LOG

October, 2009	Updated to current layout	March, 2019	revised electric meter language (t4)
April, 2014	Added Exit Corridor language (t11)		
September, 2011	Waterproof membrane requirement updated (t9)		
October, 2014	At grade level electrical conduit is not allowed to be installed in the slab (t5)		
December, 2014	Wiring language updated (t5, #9)		
January, 2015	Language regarding the waterproofing membrane on page t9 revised. (t9)		
March, 2015	Updated Plumbing content to list specific location for main water shut off valve to be at eye level. (t9)		
April, 2016	Added Water Efficiency language. (t9)		
August, 2016	Updated to current layout		
September, 2016	Updated per JF		
September, 2017	Added Sanitary Location (t22)		
January, 2018	Updated per TC, Daniel Candler		
January, 2018	Updated current layout		

FASHION DISTRICT PHILADELPHIA

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PLAN SUBMITTAL & APPROVAL
PROCEDURES
and CONTRACTOR RULES &
REGULATIONS

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ELECTRIC / WATER SUB-METER REQUIREMENTS

As applicable for property, if there is an existing electric or water sub-meter in the Tenant's space, then the Tenant must have the meter recommissioned to ensure proper installation and functionality. Alternatively, the Tenant can choose to install a new meter that meets Macerich's meter specifications. Either option must be performed by a Landlord-approved electrician and verified by Macerich, and will be at the Tenant's sole cost.

Meter Specs

Meter must meet the following criteria:

Electric:

Meters will be Eaton Power Expert Multipoint Meters with BACNET IP communications protocol. Meters will be integral to tenant distribution panels.

Landlord will provide a circuit breaker in Tenant distribution panel in Landlord electrical room as well as empty conduit stubbed into Tenant space. Minimum circuit breaker and conduit size is 100A circuit breaker and 2" conduit. Larger circuit breaker and conduit are being provided depending on square footage of Tenant (based on 15W/SF for retail and 40W/SF for restaurant). Tenant will provide panels within Tenant space, extend conduit within Tenant space and provide feeder wiring. AIC ratings are indicated at all panels. Actual AIC available is to be verified in the field by Tenant and stated on Electrical Design Documents.

Water:

The Tenant shall provide a cold water meter for delivery/monitoring of domestic water to their space, and connect to the Landlord building Automation System (BAS). The meter shall be no-lead positive displacement type with magnetic drive and pulse output, and shall comply with AWWA C708 and ISO 4064 Class B standards. The meter shall be equal to DLJ100C 1" with pulse for monitoring 1" line, DLJ150C 1 1/2" with pulse for monitoring 1 1/4" and 1 1/2" lines DLJ200C 2" with pulse for monitoring 2" with pulse for monitoring 2" linem, or DLJ250TC with pulse for monitoring 2 1/2" line (contact Daniel L. Jerman Co. at 1.800.654.3733, www.watermeters.com).

Installation Requirements:

Meters must be installed by a Landlord approved electrician. Installation must be verified and approved by the Operations Manager, or a member of the Operations staff at the property.

Proof of inspection must be sent to the Energy Management Department (Alaine Marx, alaine.marx@macerich.com) and should include the following:

- Date of installation or recommissioning
- Picture of the meter at time of installation or recommissioning.
- Picture should be clear and should display kWh and kW legibly
- Confirmation that the meter covers whole tenant space.
- Meter make and model
- Units that the meter reads in
- Multiplier, if applicable

ELECTRICAL CRITERIA

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ELECTRICAL CRITERIA

General Design/Construction Coordination

The electrical criteria is provided for the purpose of designing the Tenant's electrical system. This criteria is provided as a guideline for Tenant's Engineer. It is the Tenant's responsibility to verify existing conditions and comply with all applicable codes and standards.

1. Conduit and raceway hangers, clamps, light fixtures, junction boxes, supports, etc. must be fastened to joists and/or beams. Do not attach directly to the slab, roof deck, ductwork, piping or conduit above.
2. Tenant's equipment in the Mall electric room will be clearly identified with Tenant's name and space number.
3. Provide access panels at all junction box locations and at smoke detectors above the ceiling.
4. All outlet boxes, floor boxes, wire raceways, power/telephone poles, plug-in molding, wiring devices, hanger supports and other items required for a complete distribution must be furnished and installed by Tenant.
5. Furnish and install power to VAV units, water heater, store fixtures, signage, music systems and any other fixtures or equipment provided by Tenant. All cutting and patching must be provided by Tenant.

Complete Engineered drawings must be submitted to the Landlord's Tenant Coordinator for review and approval. Landlord will review the plans for conformance to basic Mall requirements. The Landlord does not review for electrical design, nor does the Landlord accept responsibility for the Tenant's adherence to governing codes.

The documents to be submitted for Landlord approval must include the following:

1. Complete plans and specifications for all electrical work, including lighting, power and one line riser Diagram. Documents must be signed and sealed by a Licensed Engineer in the state where the Shopping Center is located.
2. Drawings must include panel schedules, load calculations and meter information, if applicable.
3. Structural drawings must be submitted for all equipment that will be suspended from the steel structure.

Power Source

All work required to connect Tenant to the main power source must be performed by Landlord approved electrician, at Tenant's expense. Exceptions to this requirement may be granted by the Tenant Coordinator.

Tenant is responsible for feeders to the Tenant space, installation of a dry type transformer, panels and complete distribution throughout the Tenant space. A check meter will be installed in the Mall electric room by the Landlord.

Landlord will make available the main power source for Tenant's connection. Power source will be 277/480v, 3 phase, 4 wire and will be available in the nearest Mall electric room. Tenants are responsible for installation of the feeder wires to the Tenant's demised premises. Landlord will provide an empty conduit with pull-wire from the mall electric room to the Tenant space.

FASHION DISTRICT PHILADELPHIA

Telephone Service - Communications

Telecommunications service is provided and administered throughout the Center by Granite Grid. The service includes a dedicated concierge customer service representative for each Tenant, high-bandwidth service (tailored to suit Tenant demand), centrally coordinated installations, moves and repairs. Tenant is responsible for all new account set up and service installation direct through Granite Grid.

All work at Landlord's telephone demarc must be performed by Landlord's approved telephone subcontractor.

Tenants are required to contact the local Telephone Company for service and shall comply with their requirements. Tenant is responsible for installing a complete telephone system within their premises.

An empty 1" conduit is being provided to each Tenant Space by the Landlord. This conduit will originate from nearest Granite/IDF/RDF rack and be located near the back corridor of the Tenant's Space.

Lighting

Provide a lighting schedule for review in conjunction with a reflected ceiling plan. Lighting must conform to the following guidelines:

1. Display window lighting must be controlled by a time clock and be on during the hours the Shopping Center is open. Display window lighting at the ceiling must be glare-free and at approved levels at the storefront glass line and not hang down below the top of storefront glass.
2. Recessed incandescent down lights may be used.

3. Exit, emergency and night lights must be provided throughout, as determined by governing codes.
4. Fluorescent lighting in the sales area must be recessed and must use metal parabolic louver type lenses with a minimum of 18 cell configuration for a standard 2' x 4' fixture. Bare lamp fluorescent or fluorescent fixtures with acrylic prismatic lenses may be used only in concealed areas or stock rooms.
5. Track lighting may be used if the track is painted to match the ceiling color.

Tenant is responsible for lighting system control, including connection to the Building Management system and connection to the Fire Alarm system. All emergency lighting, exit signs, horns and strobes must be provided by Tenant as required by code.

Material/Equipment Specifications

1. Drawings must include complete material specifications including manufacturer's name and product number and complete schedules of all equipment and fixtures to be installed.
2. All material and equipment must be new and of a commercial grade and must bear Underwriter Laboratory labels where such labeling applies.
3. At grade level electrical conduit may be installed at least 4" under the slab and must be in Schedule 40 PVC conduit. But never allowed to be installed in the slab or less than 4" below slab.
4. Floor boxes must be watertight.

5. Pull boxes or junction boxes must be a minimum of 12 gauge galvanized steel outlets. Boxes in walls must be galvanized pressed steel or case metal. Caulk around boxes to eliminate noise transmission.
6. All main and branch feeders and circuitry wiring must be copper. All conductors to have 600 volt insulation type THW, THWN or THHN.
7. Convenience receptacles must be specification grade, 120 volt, 20 amps and be grounding type per NEC.
8. Manual or magnetic starters, switches, contactors, relays, time switches, safety devices, dimmers and other controls must be commercial type with heavy duty ratings and must be installed in strict conformance with the manufacturer's recommendation and applicable codes.
9. Any exposed low voltage wiring must be plenum graded.
10. All wiring of any type must be installed in conduit or must be metal clad cable (MC). Metal clad cable will only be allowed for concealed branch circuit wiring within the demised premises. Exposed and/or open wiring of any kind will not be allowed. Flexible conduits must be used for connections to vibrating equipment.
11. Trenching of the slab is not permitted without written permission from the Landlord. Tenant to provide all structural support needed if trenching is permitted, including written certification to the Landlord that the trenching has not affected the integrity or weighty capacity of the slab.

LIFE SAFETY CRITERIA

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Fire Alarm System

The following requirements do not replace individual Tenant code requirements based on occupancy or use. This information is general in nature, and all Tenant specific questions should be directed to the Tenant Coordinator.

1. Tenant must provide a complete fire alarm detection system within the Tenant space as an extension of the Landlord's building-wide addressable fire alarm system.
2. Tenant is required to use Landlord's designated contractor for installation of the necessary fire alarm devices and connection to the main fire alarm system. System must comply with the requirements for the governing authority.
3. All emergency lighting, exit signs, horns and strobes must be provided by Tenant as required by code.
4. Fire alarm occupant notification must be provided within tenant spaces (on a tenant-by-tenant basis) that exceed the Code's thresholds based on the occupancy classification of the individual tenant space.

Sprinkler System

All tenants must be protected by an automatic sprinkler system designed and installed in accordance with NFPA 13.

All tenants must be separated by 1-hour fire partitions.

Tenants must use mall required sprinkler contractor for their automatic sprinkler system design and installation.

Egress Service Routing and Service Elevator Pathways

Exit passageways will be:

1. Separated from adjacent spaces by at least 1-hour fire barriers with 60 minute opening protectives. Exits passageways that serve as a portion of exit stair discharge will be separated from adjacent spaces by 2-hour fire barriers with 90 minute opening protectives.
2. Protected throughout by an automatic sprinkler system; and
3. Protected throughout by non-code required area smoke detection system.

Distribution of utilities in exit passageways will be limited to the following:

1. Electrical wiring (no higher than 480 volts phase-to-phase and 277 volts phase-to-neutral) in electrical conduit.
2. Low-voltage wiring (security, music, telephone, data, etc.)
3. Enclosed junction boxes.
4. Fire alarm equipment and wiring.
5. Noncombustible piping.
6. Mechanical ductwork

The following equipment will not be located within exit passageways:

1. Electrical equipment such as panels, switchgear, and transformers.
2. Grease traps.
3. Natural Gas Piping.

Gas piping, if distributed along the exit passageway routes, will be separated from the exit passageway by fire rated construction and will not be considered to be located within the exit passageways.

MECHANICAL CRITERIA

FASHION DISTRICT PHILADELPHIA

General Design/Construction Coordination

The mechanical criteria is provided for the purpose of designing the Tenant's heating, ventilating and air conditioning system. This criteria is provided for Tenant's Engineer. It is the Tenant's responsibility to verify existing conditions and comply with all applicable codes and standards.

Complete Engineered drawings must be submitted to Landlord's Tenant Coordinator for review and approval. Landlord will review the plans for conformance to basic Mall requirements. The Landlord does not review for mechanical design, nor does the Landlord accept responsibility for the Tenant's adherence to governing codes.

The documents to be submitted for Landlord approval must include the following:

1. Complete plans and specifications covering the heating, ventilating and air conditioning system. Show make, type and performance of all equipment. Documents must be signed and sealed by a Licensed Engineer in the state where the Shopping Center is located.
2. Calculations showing the heating and cooling required, including transmission and ventilation losses in the space, and heat and cooling provided for the ventilation supply, and exhaust required for the space. Calculations shall be as described in "Load Calculations" included below.
3. Temperature control system data showing make, control and energy management systems.
4. Exhaust system layout including CFM and equipment specifications.
5. Structural details for support of all roof top equipment and equipment suspended from the steel structure

Load Calculations

The Tenant must perform all calculations in accordance with methods set forth in the latest American Society of Heating, Refrigeration and Air Conditioning Engineers' Guide and Data Book and in accordance with good engineering practice. All calculations must be tabulated in a concise, orderly manner.

Tenant Mechanical Systems:

Fashion District Philadelphia is conditioned by a central plant, forced air system. Conditioning loads beyond those stated herein shall be sole responsibility of Tenant. All supplement system designs are to be submitted for review and acceptance by Tenant Coordinator prior to final design.

Mall supply trunk lines run throughout the Center along storefront lease lines and in some instances at the rear of premises. Make-up air (outdoor air) is provided per the rates listed in Chapter 4 of the 2009 edition of the International Mechanical Code for retail occupancy.

Retail Tenant spaces are provided with 1.0 CFM per square foot of conditioned (55 degrees F.) supply air. Tenants shall tap the mall supply duct and install VAV units for the conditioning requirements of their space.

VAV box basis of design is Trane single duct VAV box with 460v/3ph/60Hz electric heat, 30% minimum airflow.

Typical Tenant spaces are provided with 8"x8" exhaust stubs and an allowance of 150 CFM for Tenant bathroom exhaust. Higher exhaust quantities are available for anchor Tenants. Tenants must design for a maximum noise criteria of NC40 for all spaces except kitchens and other similar work areas.

Where Tenants are providing their own HVAC systems independent of the mall central air distribution systems, duct mounted smoke detectors shall be provided where required by applicable codes. Each duct smoke detector must have a remote key operated reset/test device mounted within the Tenant space and an addressable relay module. Use Landlord's designated contractor for connection to the main fire alarm loop.

801/823 MARKET STREET

The 801/823 portion of the center is conditioned by water source heat pump system. Pre-conditioned make-up air (outdoor air) is available per the rates listed in Chapter 4 of the 2009 edition of the International Mechanical Code for retail occupancy.

Water source heat pump basis of design shall be Trane GEH series.

Exhaust Requirements

Tenants whose operation produces objectionable odors such as restaurants, pet shops, hair salons, nail salons and the like must maintain 10% negative air pressure with respect to the Mall by providing make-up air equal to 90% exhaust air volume. Tenant may be required to provide, at Landlord's discretion, a separate make-up outside air supply system to balance

Tenant's exhaust system. Spaces that require exhaust must be designed to provide negative air pressure relative to adjoining conditioned spaces to prevent odor transfer.

Roof mounted exhaust fans must be ducted to ceiling grilles located approximately in the center and rear of the demised premises and specifically near the area where the odors are generated. The system shall be designed to cause the exhaust air to gravitate from the Mall common area to the odor producing area and then exhausted out.

Air filtration systems and bathroom exhaust fans are not acceptable solutions.

The exhaust fan must be interlocked with the light switches for the store customer service area.

The combined HVAC and exhaust system must be in operation during all hours that the Tenant is open for business.

Kitchen Exhaust Systems

Kitchen exhaust systems are subject to Landlord's review to ensure the exhaust does not compromise the ventilation air of adjacent Mall VAV units.

Exhaust detail is included in this criteria starting on page t14.

Roof Penetrations & Roof Work

All roof work throughout the Center is to be completed by Mall-approved roofing contractor. Various roof systems exist throughout the center. Applicable warranty compliance confirmation is responsibility of Tenant and Mall roofing contractor. All roof access and work is to be scheduled through Mall Operations.

Any Tenant requiring roof top mounted grease exhaust equipment shall be required to install a single 60mil sheet of TPO roof membrane, loose laid over the base mall primary roof membrane. This additional sheet of TPO shall be installed minimum 5' beyond all roof top kitchen equipment and shall be held in place by concrete pavers at the corners and or as required to keep the membrane in place and afford the ability to replace as necessary when and if it becomes soiled.

If use of roof top units, roof-type supplemental supply, condensing units or exhaust air units by the Tenant is permitted by the Landlord, units must be located on that part of the roof of the building directly above the demised premises as designated by Landlord. Tenant must provide and install all necessary piping and other necessary appurtenances for the operation of the roof top equipment. To the extent any of Tenant's equipment is to be located on the roof, the Tenant agrees to erect roof units in accordance with the requirements of the Landlord and the Tenant further agrees to repair any and all damage to the roof and structure caused by hoisting installation and the maintenance and/or servicing of such equipment, all of which must be at the sole cost and expense of the Tenant.

The Tenant must furnish and install all curbs, supports, lintels, pipes, ducts, vent caps, air inlets, exhaust hoods, louvers, flashings, counterflashing, etc. as required for any equipment requiring openings through the roof and/or exterior walls. The use of curb adapters is not allowed.

The Landlord has the right to inspect the quality of the work and approve locations and, if found unsatisfactory, reject same.

All cutting, patching and restoring of roofing is to be done by the Landlord's roofing contractor at the Tenant's expense. All repairs, maintenance and damage to the roof and/or building due to Tenant's installation must be at the Tenant's cost and expense.

All Tenant Rooftop equipment and ductwork is to be properly screened per Landlord requirements. In addition, Tenant screening, equipment, ductwork and piping is to be painted to match the roof deck per Landlord specifications.

BOX CONTROL CRITERIA

1. The tenant shall be responsible for providing monitoring and control for each VAV box serving their space through the Landlord Building Automation System (BAS), for optimization in conjunction with the associated Landlord air handling unit. The Tenant shall contract BAS contractor Delta Connects for all VAV box controls: contact Delta Connects Philadelphia Area Manager Kevin Goodwin at 215-486-2033, kgoodwin@deltacnects.com.
2. Tenant VAV box controls shall be designed and installed according to the following sequence of operation:

A. General

1. Variable air volume (VAV) boxes with electric heating coils are monitored and controlled through the Delta Connects Building Automation System (BAS) using direct digital control (DDC) with electronic actuation. Each VAV box includes an airflow “cross”, modulating butterfly damper, and 1-stage to 3-stage electric heating coil.
2. The VAV box dampers will fail in their last position upon a loss of power.

3. The VAV boxes will be controlled in the following modes:

- Occupied Mode
- Unoccupied Mode
- Warm-Up Mode
- Cool-Down Mode

4. Control of the VAV boxes and associated air handling units will be indexed to occupied or unoccupied mode as scheduled through the BAS. Control of each VAV box and associated air handling unit may be overridden from unoccupied to occupied mode for the local occupancy override time setpoint by momentarily pressing the corresponding push-button on the associated space temperature sensor. The VAV boxes will be controlled using the following initial user-adjustable schedule:

- Monday through Saturday Occupied Start Time - 10:00 AM
- Monday through Saturday Occupied Stop Time - 9:00 PM
- Sunday Occupied Start Time - 10:00 AM
- Sunday Occupied Stop Time - 7:00 PM

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5. VAV box setpoints will be adjusted through the BAS. The heating and cooling setpoints for each VAV box may be adjusted up or down together over the local setpoint adjustment range through the corresponding push-buttons on the associated space temperature sensor. The VAV boxes will be controlled using the following variables, including user-adjustable and active (program-adjusted) setpoints:

- Occupied Heating Setpoint (72°F)
- Occupied Cooling Setpoint (75°F)
- Unoccupied Heating Setpoint (67°F)
- Unoccupied Cooling Setpoint (80°F)
- Effective Heating Setpoint (Active)
- Effective Cooling Setpoint (Active)
- Supply Airflow Setpoint (Active)
- Minimum Supply Airflow Setpoint (See VAV Schedule)
- Maximum Supply Airflow Setpoint (See VAV Schedule)
- Local Occupancy Override Time Setpoint (1 hour)
- Local Setpoint Adjustment Range (+/- 1°F)

6. The following analog input (AI), binary input (BI), and binary output (BO) control points will be provided for each VAV box through the corresponding BAS controller:

- Space Temperature (AI)
- Supply Air Temperature (AI)
- Supply Airflow (AI)
- Damper Position (AI)
- Local Setpoint Adjustment (AI)
- Local Occupancy Override (BI)
- Damper Drive Open (BO) Damper Drive Closed (BO)
- Electric Heating Stage 1 On/Off (BO)
- Electric Heating Stage 2 On/Off (BO) - Where Applicable
- Electric Heating Stage 3 On/Off (BO) - Where Applicable

7. Access to the BAS will be accomplished through the BAS operator workstation in the Building Engineering office. All control points and setpoints will be available for monitoring and/or adjustment, as permitted by the access level of the user, through a graphical user interface. A graphic will be provided for each VAV box with all setpoints and operating conditions, and for the corresponding floor plan with all VAV box locations and space conditions.

B. Occupied Mode

1. The VAV box damper will be modulated to maintain the supply airflow at the supply airflow setpoint. The supply airflow setpoint will be gradually reset between the corresponding minimum and maximum setpoints to maintain the space temperature at the occupied cooling setpoint.
2. When the supply airflow setpoint is equal to the corresponding minimum setpoint, the VAV box electric heating coil will be cycled on and off in one to three stages (as scheduled) using proportional plus integral control to maintain the space temperature at the occupied heating setpoint.

C. Unoccupied Mode

1. When the associated air handling unit cycles off during the VAV box unoccupied mode, the VAV box damper will be signaled fully open. When the associated air handling unit cycles on during the VAV box unoccupied mode, the VAV box will be controlled as described for occupied mode except the unoccupied heating and cooling setpoints will be referenced.

D. Warm-Up Mode

1. When the associated air handling unit is started in warm-up mode, the VAV box will be controlled as described for occupied mode to raise the space temperature to the occupied heating setpoint before the occupied mode start time.

E. Cool-Down Mode

1. When the associated air handling unit is started in cool-down mode, the VAV box will be controlled as described for occupied mode to lower the space temperature to the occupied cooling setpoint before the occupied mode start time.

F. Trending

1. Trend information will be recorded at the intervals desired for all setpoints and analog control points requested by the Owner. Trend information will be recorded initially at 15-minute intervals for the following setpoints and analog control points:
 - Effective Heating Setpoint
 - Effective Cooling Setpoint
 - Space Temperature
 - Supply Air Temperature
 - Supply Airflow Setpoint
 - Supply Airflow
 - Damper Position
2. Trend information will be recorded upon a change of state for all binary control points requested by the Owner. Trend information will be recorded initially for the following binary control points:
 - Electric Heating Stage-1 On/Off
 - Electric Heating Stage-2 On/Off - Where Applicable
 - Electric Heating Stage-3 On/Off - Where Applicable
3. Trend information will be uploaded to the BAS operator workstation as required to prevent the loss of any information.

G. Alarming

1. Local alarms will be initiated and displayed at the BAS operator work station for the following conditions:
 - High Space Temperature (85°F)
 - Low Space Temperature (62°F)
 - BAS Controller Offline
2. Remote alarms will be sent via text message and/or e-mail as requested by the Owner for the following minimum alarms:
 - High Space Temperature
 - Low Space Temperature
 - BAS Controller Offline
3. Alarms will be recognized after a 1-minute delay unless noted otherwise. A BAS controller offline alarm will be recognized after a 5-minute delay.
4. Alarms will include the alarm description, setpoint and control point values (where applicable), date, and time.
5. Alarms will be acknowledged and cleared at the BAS operator workstation, with a stored record of the corresponding user, date, and time.
6. All alarm setpoints and time delays will be adjustable.

Closeout Requirements

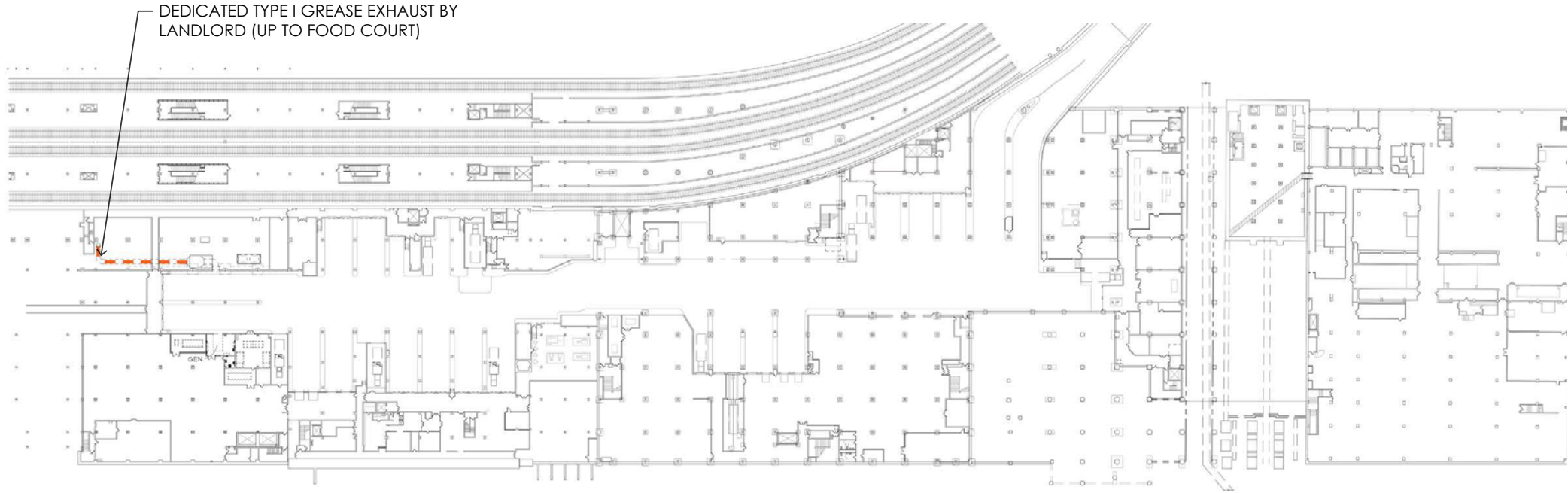
1. Tenant must submit as-built drawings and certified air balance reports prior to construction close out, showing the exact location of all equipment and duct work.
2. Tenant is required to properly abandon old and unused roof top equipment (HVAC units, exhaust fans, etc.) by full removal, including curb, with an appropriate metal deck and roof material patch. All roofing work must be performed by the Mall approved roofing contractor.
3. Pavers must be placed around the roof top equipment and from the main pathway to the equipment in order to protect the roof from traffic.
4. All Tenant equipment located on the roof or outside the demised premises must be permanently labeled with the Tenant name and space number.

MECHANICAL CRITERIA

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FOOD SERVICE PROPOSED EXHAUST PATHS - TRUCK LEVEL



DEDICATED TYPE I GREASE EXHAUST BY LANDLORD (UP TO FOOD COURT)

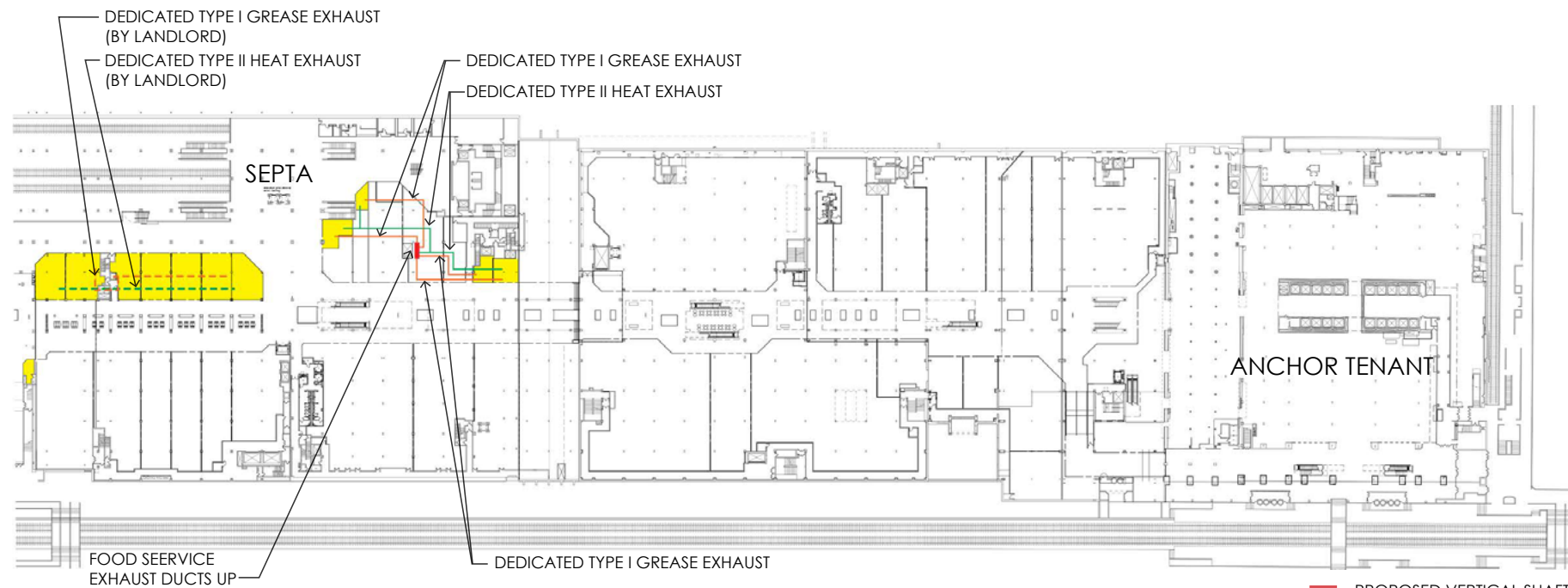
- PROPOSED VERTICAL SHAFT
- PROPOSED RESTAURANT TENANT
- TYPE I - GREASE EXHAUST BY TENANT
- - - TYPE I - GREASE EXHAUST BY LANDLORD
- TYPE II - HEAT EXHAUST BY TENANT
- - - TYPE II - HEAT EXHAUST BY LANDLORD

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FOOD SERVICE PROPOSED EXHAUST PATHS - CONCOURSE LEVEL



FOOD SERVICE EXHAUST NOTES:

1. TENANTS WITH GREASE HOODS SHALL HAVE THEIR OWN DEDICATED TYPE I GREASE EXHAUST SYSTEM WHERE REQUIRED. FOR HORIZONTAL DUCT RUNS GREATER THAN 75 FEET IN LENGTH, GREASE EXHAUST DUCT SHALL BE PREFABRICATED ZERO SLOPE GREASE DUCT MANUFACTURED BY SELKIRK METALBESTOS, WITH SPRINKLER HEADS EXTENDED INTO THE DUCT PER NFPA 13 REQUIREMENTS FOR ZERO SLOPE DUCTWORK.
2. A SHARED TYPE II KITCHEN EXHAUST SYSTEM MAY BE PROVIDED FOR TENANT USE. TYPE II KITCHEN EXHAUST DUCT SHALL BE 304 STAINLESS STEEL CONSTRUCTION.

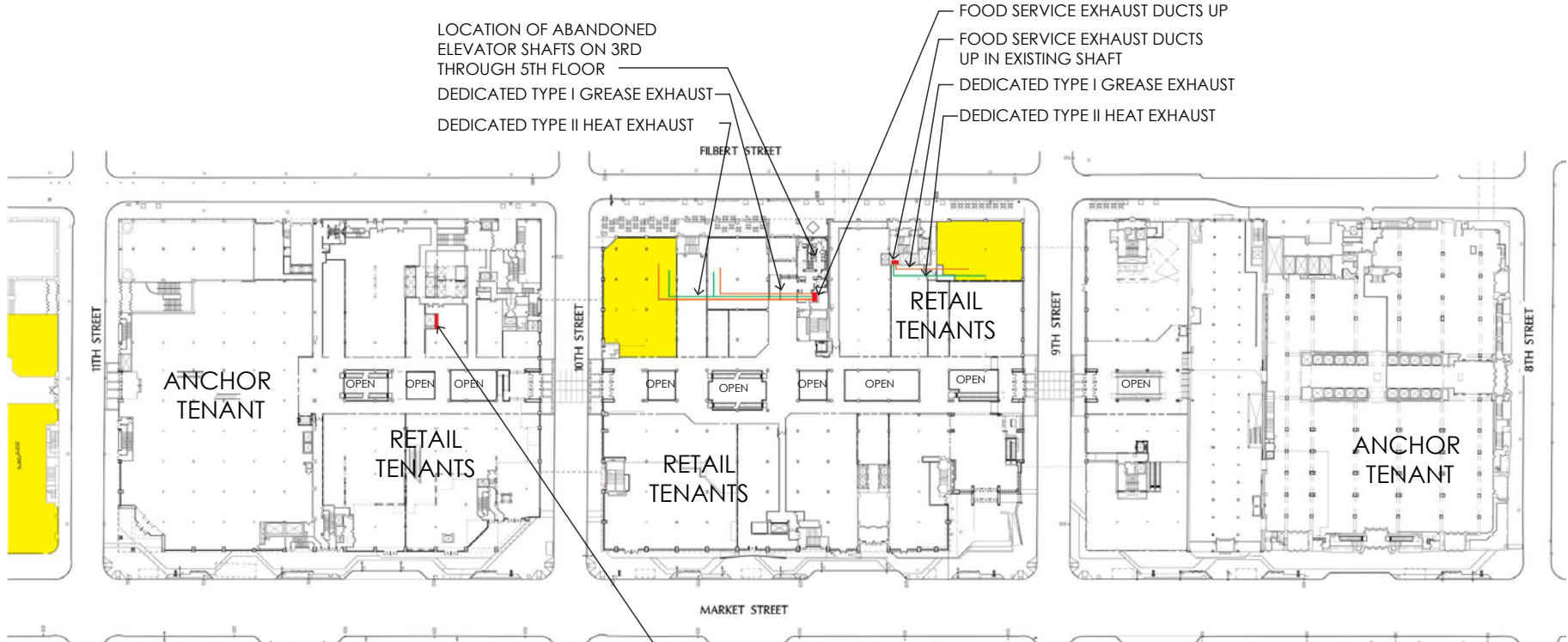
- PROPOSED VERTICAL SHAFT
- PROPOSED RESTAURANT TENANT
- TYPE I - GREASE EXHAUST BY TENANT
- - - TYPE I - GREASE EXHAUST BY LANDLORD
- TYPE II - HEAT EXHAUST BY TENANT
- - - TYPE II - HEAT EXHAUST BY LANDLORD

MECHANICAL CRITERIA

FASHION DISTRICT PHILADELPHIA

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FOOD SERVICE PROPOSED EXHAUST PATHS - STREET LEVEL



FOOD SERVICE EXHAUST NOTES:
 1. TENANTS WITH GREASE HOODS SHALL HAVE THEIR OWN DEDICATED TYPE I GREASE EXHAUST SYSTEM WHERE REQUIRED. FOR HORIZONTAL DUCT RUNS GREATER THAN 75 FEET IN LENGTH, GREASE EXHAUST DUCT SHALL BE PREFABRICATED ZERO SLOPE GREASE DUCT MANUFACTURED BY SELKIRK METALBESTOS, WITH SPRINKLER HEADS EXTENDED INTO THE DUCT PER NFPA 13 REQUIREMENTS FOR ZERO SLOPE DUCTWORK.
 2. A SHARED TYPE II KITCHEN EXHAUST SYSTEM MAY BE PROVIDED FOR TENANT USE. TYPE II KITCHEN EXHAUST DUCT SHALL BE 304 STAINLESS STEEL CONSTRUCTION.

CONCOURSE TENANT FOOD SERVICE EXHAUST DUCTS TO RUN UP TO PENTHOUSE/ROOF AND DOWN TO CONCOURSE IN THIS LOCATION, ADJACENT TO FUTURE ELEVATOR (ELEVATOR SHAFT IS EXISTING).

- PROPOSED VERTICAL SHAFT
- PROPOSED RESTAURANT TENANT
- TYPE I - GREASE EXHAUST BY TENANT
- - - TYPE I - GREASE EXHAUST BY LANDLORD
- TYPE II - HEAT EXHAUST BY TENANT
- - - TYPE II - HEAT EXHAUST BY LANDLORD

MECHANICAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

FOOD SERVICE PROPOSED EXHAUST PATHS - SECOND LEVEL



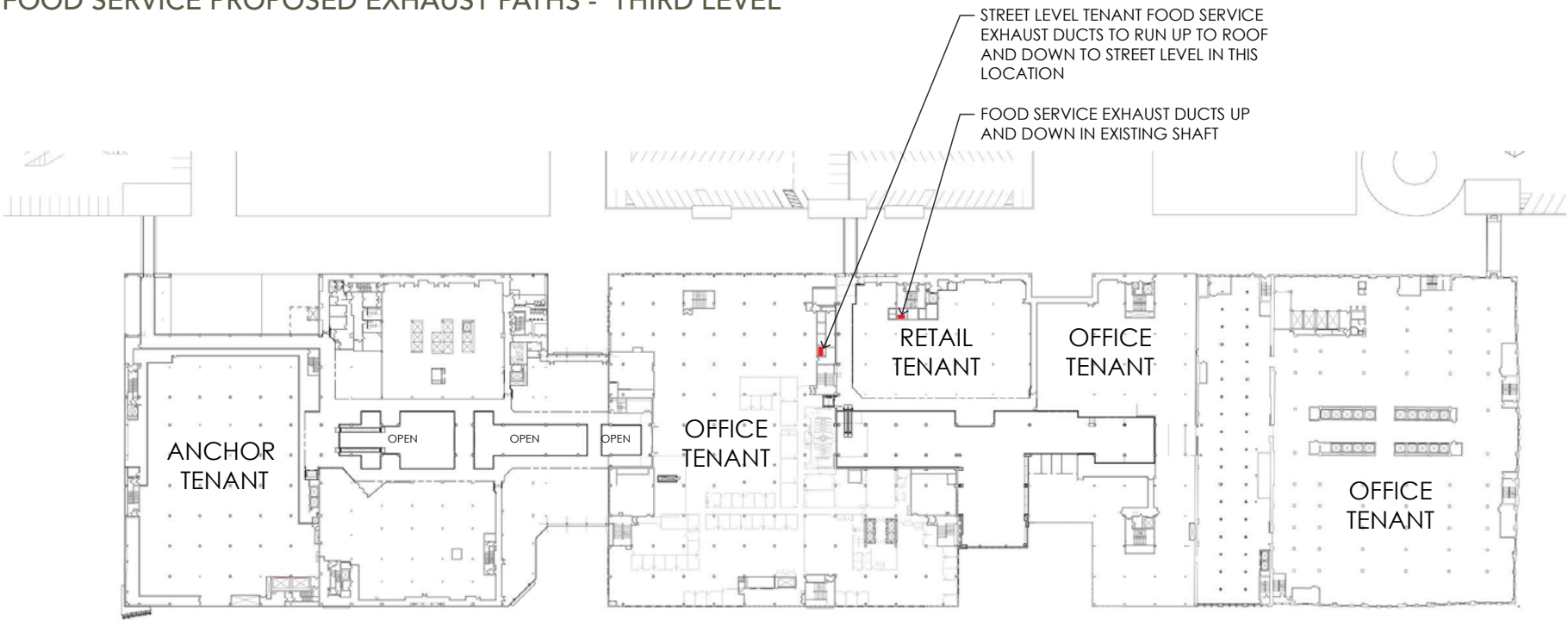
- PROPOSED VERTICAL SHAFT
- PROPOSED RESTAURANT TENANT
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- TYPE I - GREASE EXHAUST BY LANDLORD
- TYPE II - HEAT EXHAUST BY TENANT
- TYPE II - HEAT EXHAUST BY LANDLORD

MECHANICAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

FOOD SERVICE PROPOSED EXHAUST PATHS - THIRD LEVEL



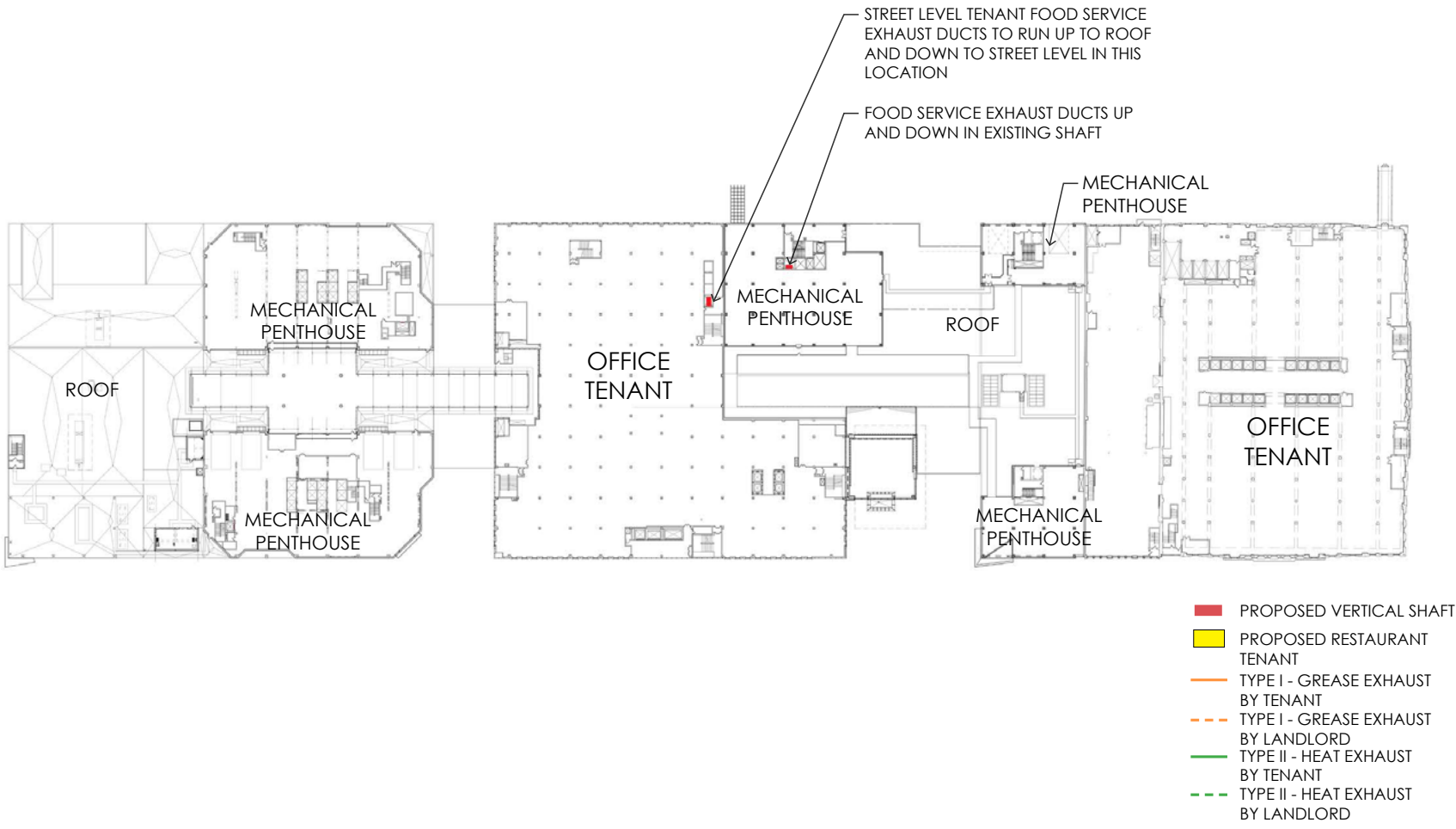
- PROPOSED VERTICAL SHAFT
- PROPOSED RESTAURANT TENANT
- TYPE I - GREASE EXHAUST BY TENANT
- TYPE I - GREASE EXHAUST BY LANDLORD
- TYPE II - HEAT EXHAUST BY TENANT
- TYPE II - HEAT EXHAUST BY LANDLORD

MECHANICAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

FOOD SERVICE PROPOSED EXHAUST PATHS - FOURTH LEVEL



PLUMBING CRITERIA

General Design/Construction Coordination

The following criteria is provided for the purpose of designing the Tenant's plumbing system. This criteria is provided for Tenant's Engineer. It is the Tenant's responsibility to verify existing conditions and comply with all applicable codes and standards. Tenants are responsible for complying with Philadelphia Plumbing Code.

Complete Engineered drawings must be submitted to Landlord's Tenant Coordinator for review and approval. Landlord will review the plans for conformance to basic Mall requirements. The Landlord does not review for plumbing design, nor does the Landlord accept responsibility for the Tenant's adherence to governing codes.

The documents to be submitted for Landlord approval must include the following:

Complete plans and specifications covering the complete plumbing system. Documents must be signed and sealed by a Licensed Engineer in the state where the Shopping Center is located.

The Tenant shall provide a complete plumbing system for the Tenant space. The Landlord has provided connections in each Tenant space for sanitary waste and potable cold water.

Tenant is responsible for all plumbing including toilets, sinks, urinals, drains, hot water heaters, water coolers, grease trap/interceptors and connections into existing water and sewer lines.

Water Efficiency

1. The Tenant is required to install waterless urinals in tenant restrooms when urinals are used.
2. Low-Flow water closets using 1.6 GPF or less gallons per flush will be installed in all tenant spaces.
3. Operation sensors and low-flow heads using 0.5 GPM or less in lavatories.

Tenant shall provide a main water shut off valve located at eye level in a wall behind a labeled access door. Locate in or near employee restroom as designated by Landlord.

All domestic supply lines shall be copper. Tenant will utilize electric water heaters for domestic hot water. All condensate lines shall be copper.

A water meter to measure the amount of water used must be installed by the Tenant below the lavatory. If applicable, second level restrooms must install a floor drain. Mop sinks and water fountains must be installed per local code requirements.

All Tenants must install a floor drain in the toilet room and in all "wet" areas. Mop sinks and water fountains must be installed per local code requirements.

Tenant must install clean outs as required by code and Landlord's requirements and these shall terminate flush with the finish floor or wall. No clean outs are permitted above the ceiling.

Garbage disposals are not allowed.

Hair salons and pet shops shall provide hair and solids interceptors on all sinks and basins which may receive human or animal hair. After installation, these hair interceptors shall be properly maintained so as to keep the sanitary system free from any adverse conditions. **A maintenance contract with Mall-approved vendor is required to be submitted for record with Mall Operations.**

Except with Landlord's prior written permission for non-compliance, all pot sinks, scullery sinks, pre-wash sinks and other kitchen units must be connected to a grease trap. Dishwashers may not be connected to grease trap.

If outside Tenants lease line, location of grease interceptor must be designed and approved by Landlord prior to installation.

Waterproofing must be installed in all "wet areas" such as kitchens, restrooms, mop sinks, drinking fountains, etc. The waterproof membrane must extend 4" vertically on all demising walls. This membrane will be water tested by the General Contractor and inspected and signed off by Mall Personnel. If the membrane fails the water test, it must be replaced.

Food service, hair salons or other Tenants with equipment or operations that have the possibility of backflow will be required to install an approved backflow preventer. These must be certified and acceptable to the water district and checked yearly or as required by the local authority having jurisdiction.

Tenants on the upper level must coordinate with lower level Tenants and the Landlord for floor penetrations and any plumbing under the upper level floor/deck. Tenant will be responsible for all costs associated with this work.

Tenants must submit calculations to the Landlord which show the size selection or basis of capacity of all equipment and piping.

Gas Service

Gas may be available at the Center. Tenant, at its sole cost and expense and in compliance with local code must procure gas service to and within the demised premises and will make all necessary arrangements with the local Gas Company for such service. Tenant is responsible for installation of a gas meter at the gas meter header.

Pressure regulators and piping required for connection to Tenant's equipment is the responsibility of the Tenant. Coordinate with Landlord for regulator vent routing.

Gas piping on the roof must be placed on pillow blocks or similar arrangement. All piping supports are to be submitted separately to the Tenant Coordinator for approval by the Mall's roofing contractor.

Gas service is provided by Philadelphia Gas Works (PWG). For more info on piping specifications and equipment installation, please refer to PWG's Gas Service Manual: https://www.pgworks.com/uploads/pdfs/Manual_PipingSpecEquipInstallation_Nov2017.pdf

PLUMBING CRITERIA

FASHION DISTRICT PHILADELPHIA

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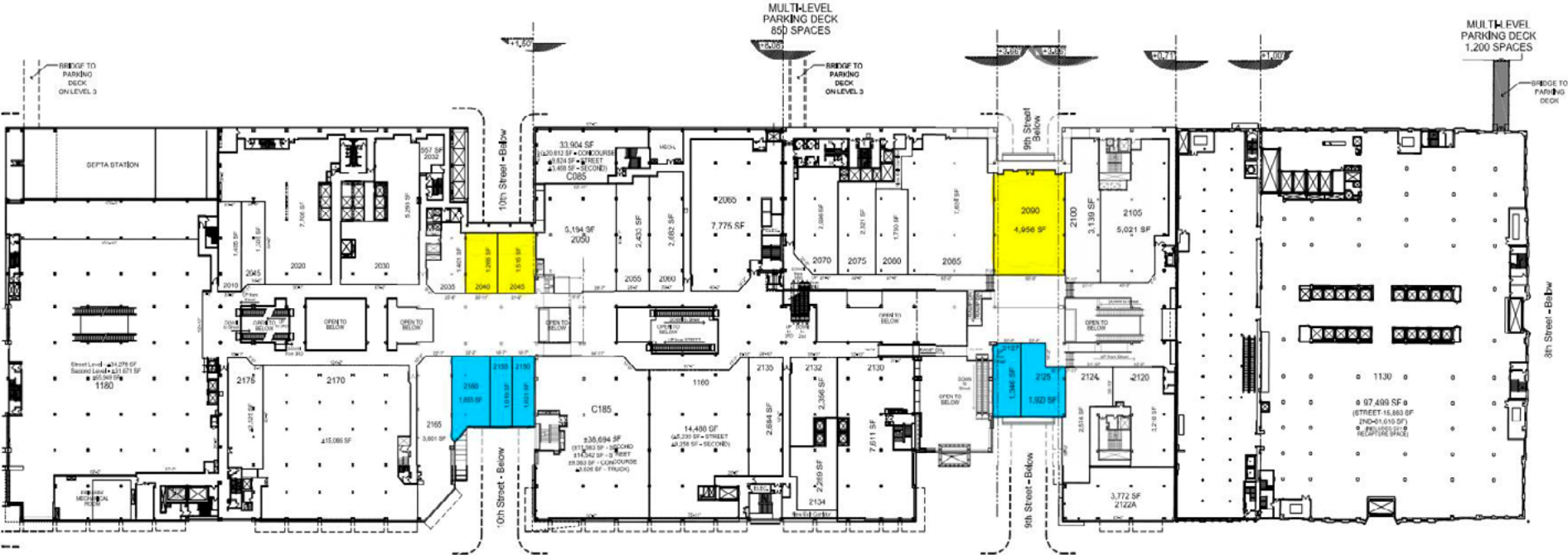
SANITARY LOCATIONS



Tenants located in yellow highlighted locations shall use carriers for the bathroom fixtures. Sanitary lines roughed into rear wall.



Tenants located in blue highlighted locations shall use carriers for the bathroom fixtures. Sanitary lines roughed into demising wall.



STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

STRUCTURAL CRITERIA

The following criteria is provided for the purpose of designing the Tenant's structural drawings. This criteria is provided as a guideline for Tenant's Engineer. It is the Tenant's responsibility to verify existing conditions and comply with all applicable codes and standards.

Complete Engineered drawings must be submitted to the Landlord's Tenant Coordinator for review and approval. Landlord will review the plans for conformance to basic Mall requirements. The Landlord does not review for design, nor does the Landlord accept responsibility for the Tenant's adherence to governing codes.

The documents to be submitted for Landlord approval must include the following:

- Complete plans and specifications for all structural work. Documents must be signed and sealed by a Licensed Engineer in the state where the Shopping Center is located.

General Requirements

1. The Tenant's storefront must be structurally self-supported. Tenant may not support the storefront from the bulkhead or fascia. Structural lateral bracing support for Tenant storefronts must be from the roof joists.
2. Fixtures and equipment may not be attached to or supported from the roof deck.
3. Structural drawings are required for all items weighing 300 lbs. or more.
4. Joist reinforcing is required for roof top equipment as well as steel support for all roof openings.
5. Upper level Tenant's must review base building structural drawings prior to installing a security safe, ovens or any equipment weighing 300 lbs. or more.
6. Floor load capacity in psf.

STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

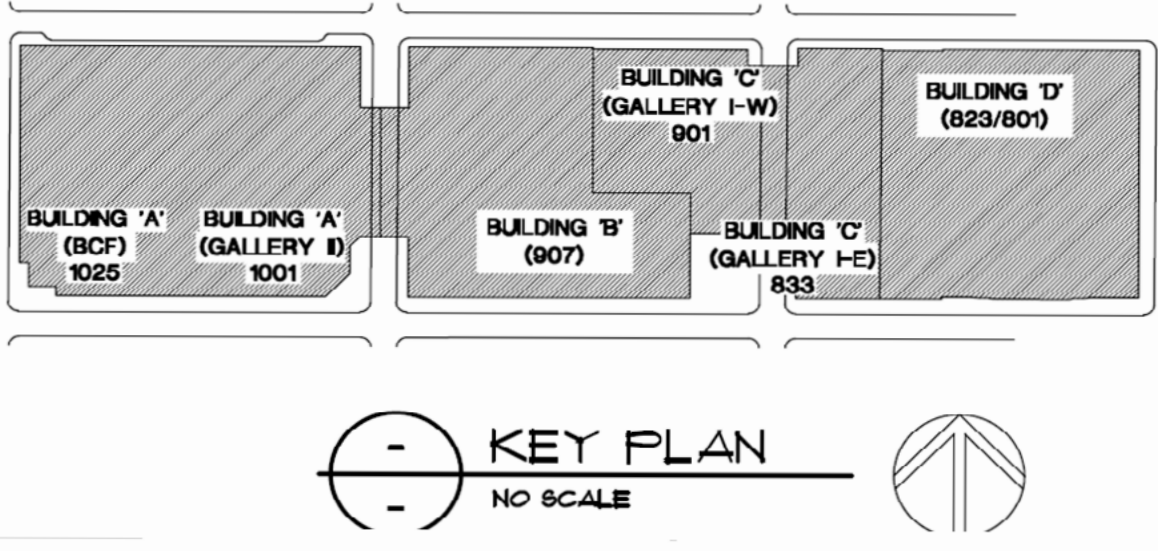
Load Capacities

	Bldg. A West 1025 Market	Gallery II Bldg. A East 1001 Market	Bldg. B 907 Market	Gallery 1 West & East Bldg C 901 + 833 Market
roofs	30	30	30	30
5th	NA	80	80	NA
4th	NA	175	80	150
3rd	80	80	80	100
2nd	80	80	80	100
Street	100	100	100	100
Concourse	100	100	100	100

The 4th floor of Gallery 1 and Gallery 2 are mechanical rooms intended to support overbuild structures.

Sidewalks were designed for 250 lbs psf; streets were designed for HS20-44 (highway).

Transfer girders are used to span the drive aisle of the Truck Level.



FLOOR LOAD

Maximum designed floor live loads and locations

Fashion District Philadelphia is a conglomeration of approximately a dozen structures primarily consisting of moment-resisting steel frame buildings. The floors are cast concrete on steel deck over steel beams. The steel is generally protected with sprayed fibrous “fireproofing” although some has concrete encasement. Copies of the original structural drawings are available for most of the complex. A review was made to find the design live load for each area, expressed in pounds per square foot (psf).

SERVICE ELEVATOR PATHWAYS

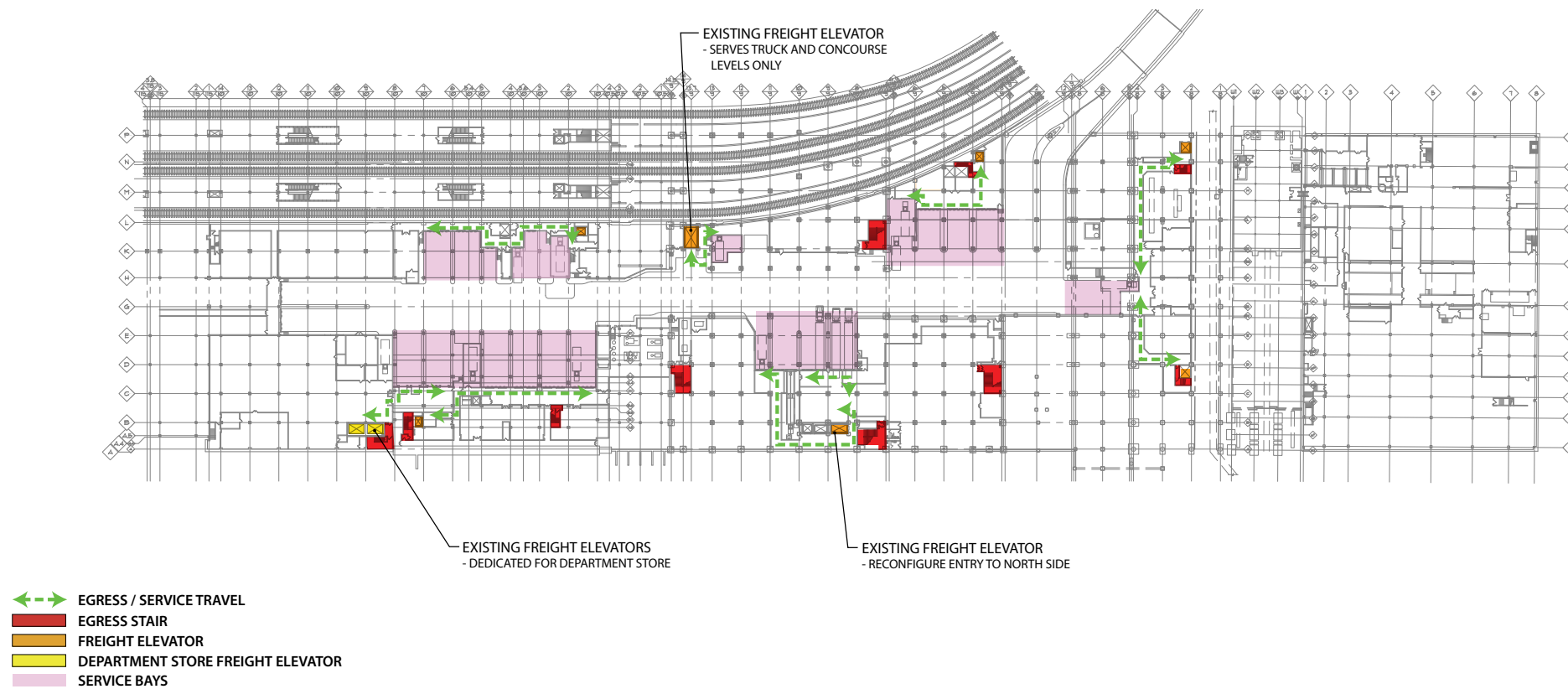
The following diagrams depict service routing to freight elevators and pathways to truck dock for service.

STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

EGRESS SERVICE DIAGRAMS - TRUCK LEVEL PLAN

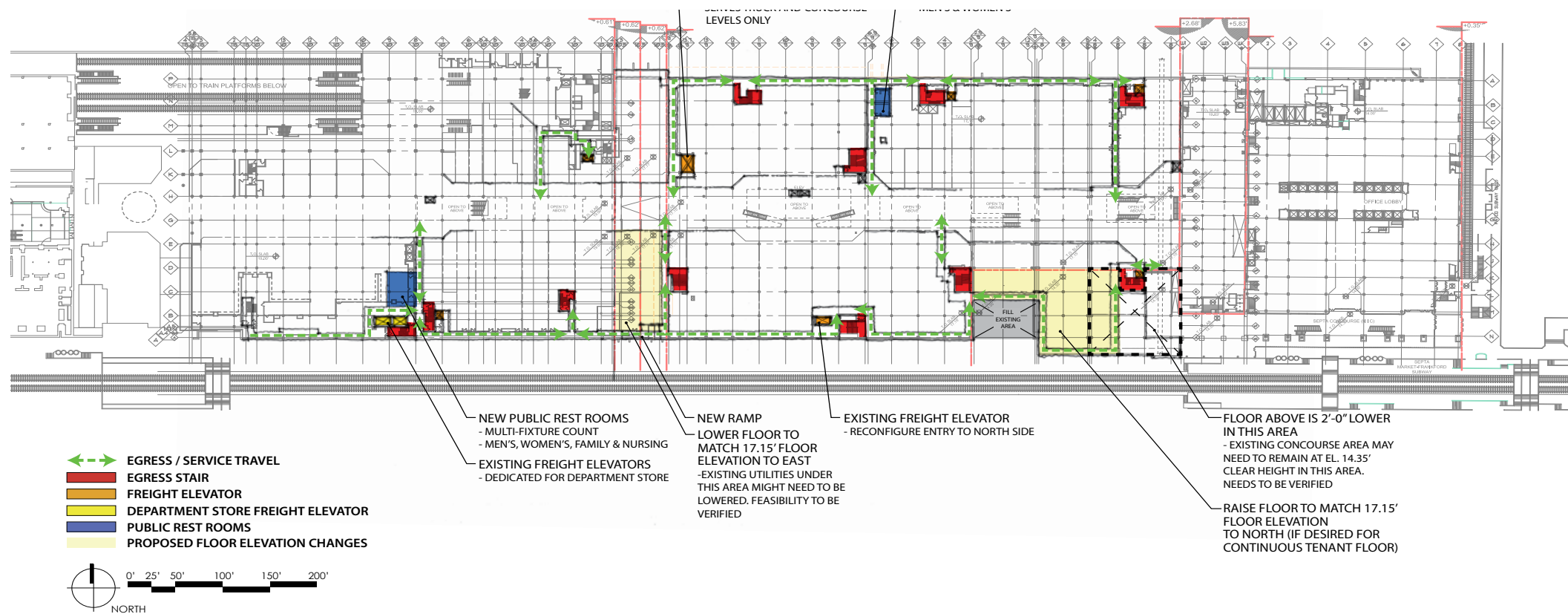


STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

EGRESS SERVICE DIAGRAMS - CONCOURSE LEVEL PLAN

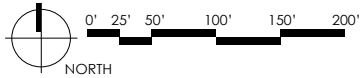
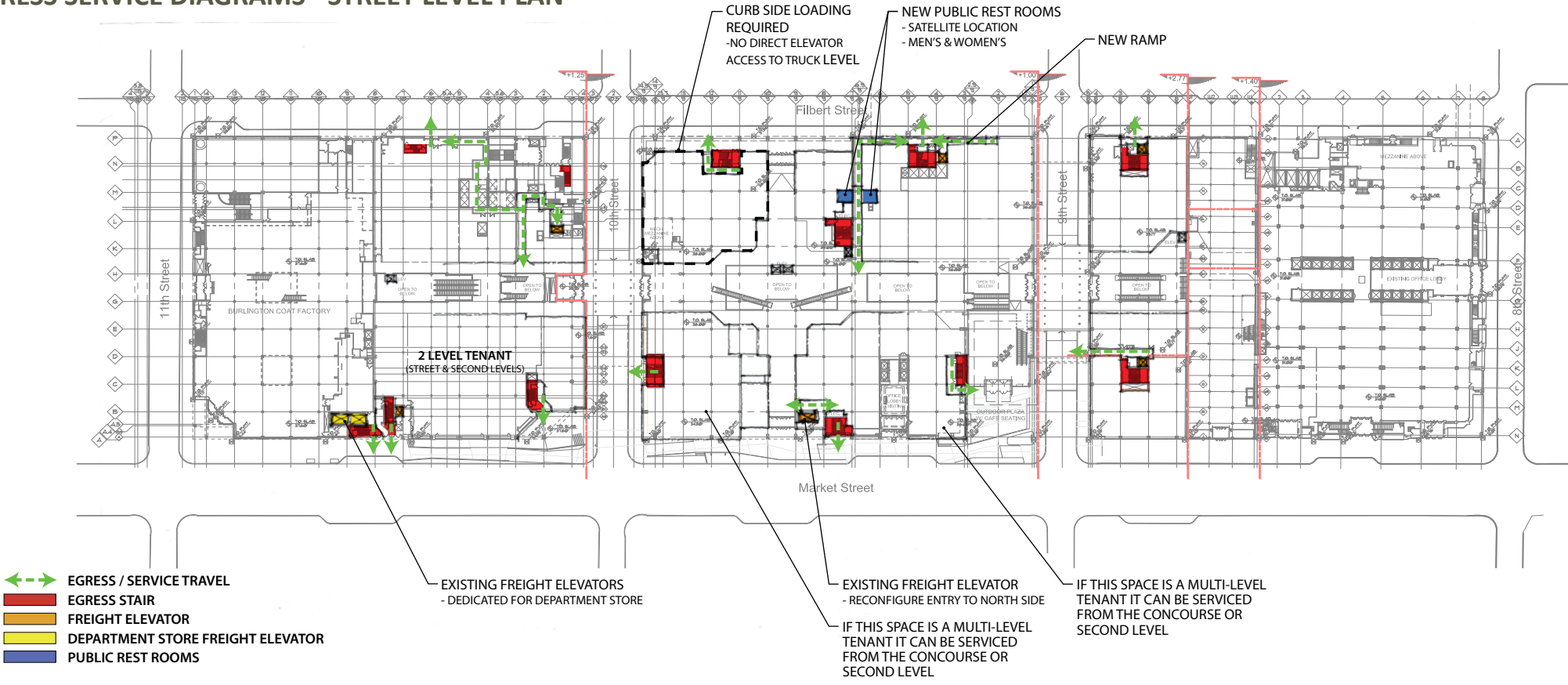


STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

EGRESS SERVICE DIAGRAMS - STREET LEVEL PLAN

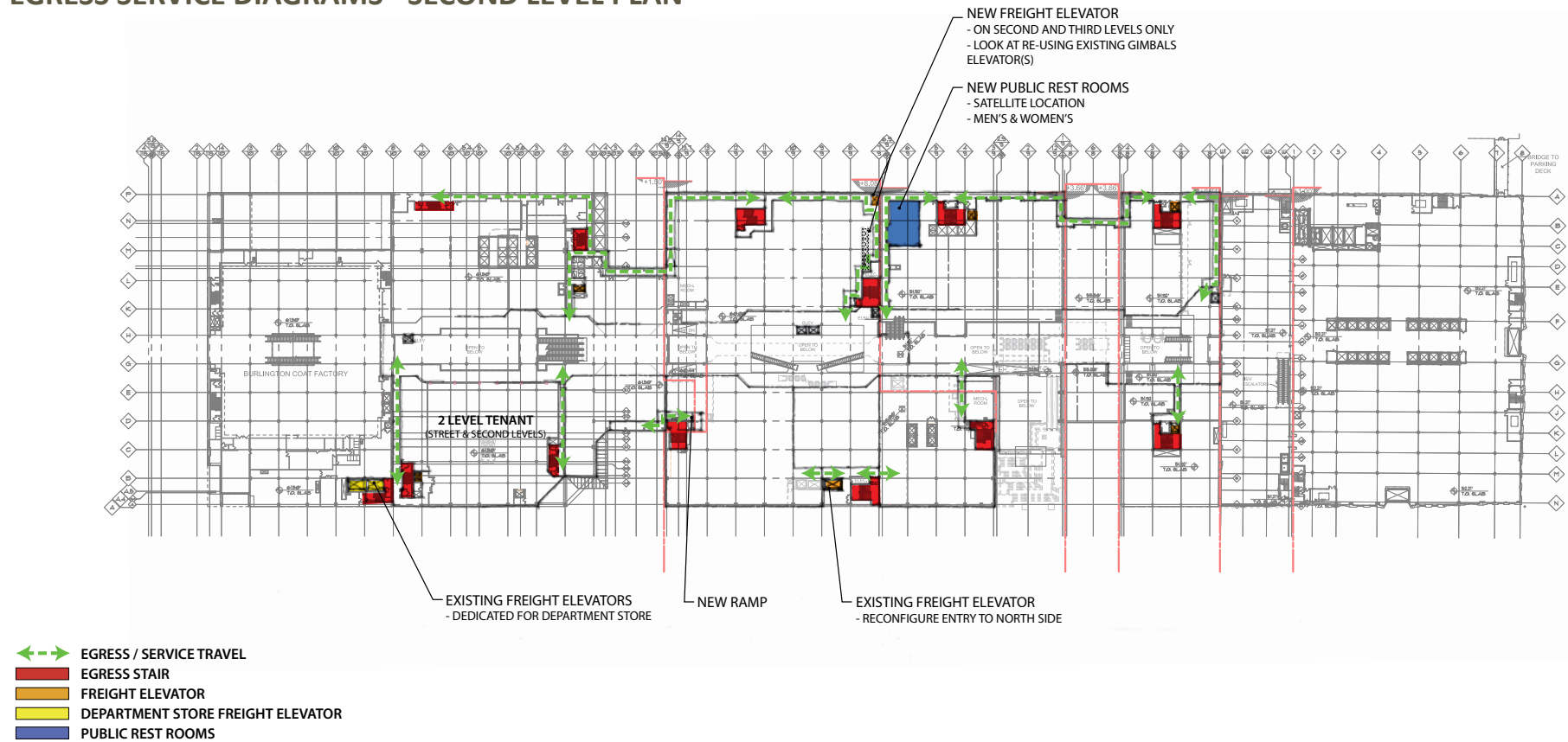


STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

EGRESS SERVICE DIAGRAMS - SECOND LEVEL PLAN

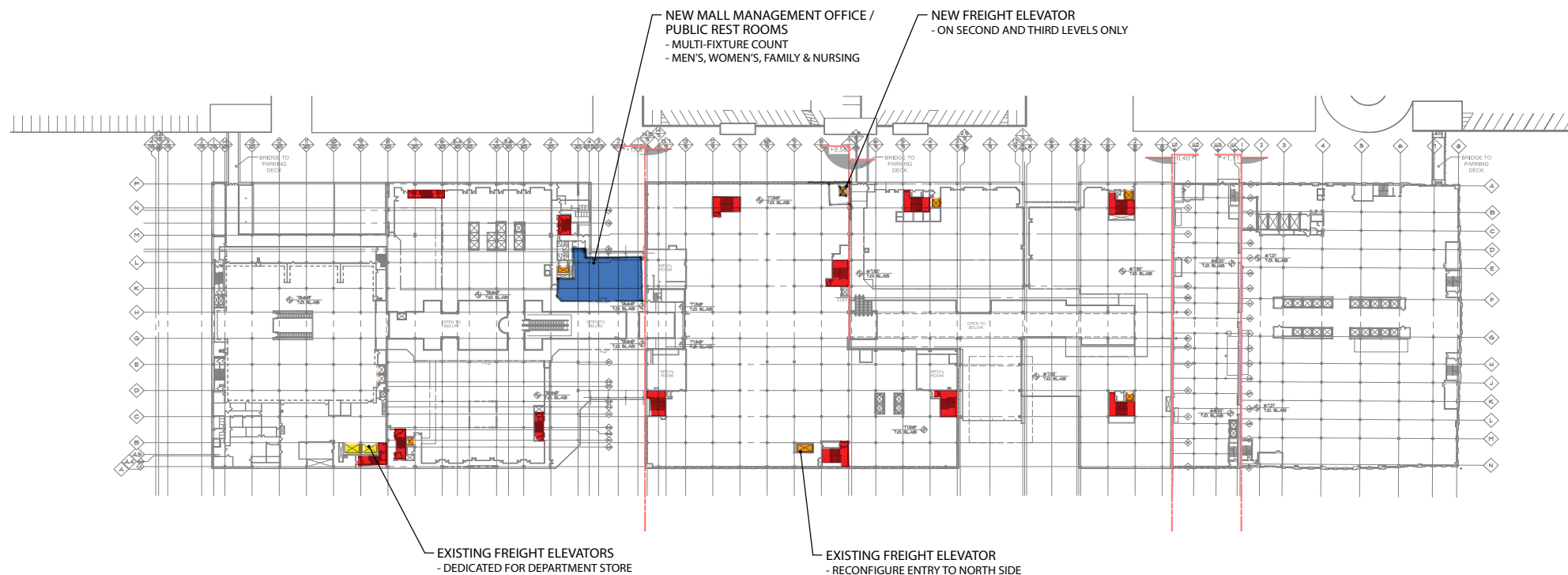


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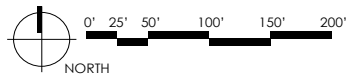
FASHION DISTRICT PHILADELPHIA

CONTINUED

EGRESS SERVICE DIAGRAMS - THIRD LEVEL PLAN



- EGRESS STAIR
- FREIGHT ELEVATOR
- DEPARTMENT STORE FREIGHT ELEVATOR
- MALL MANAGEMENT OFFICE / PUBLIC REST ROOMS

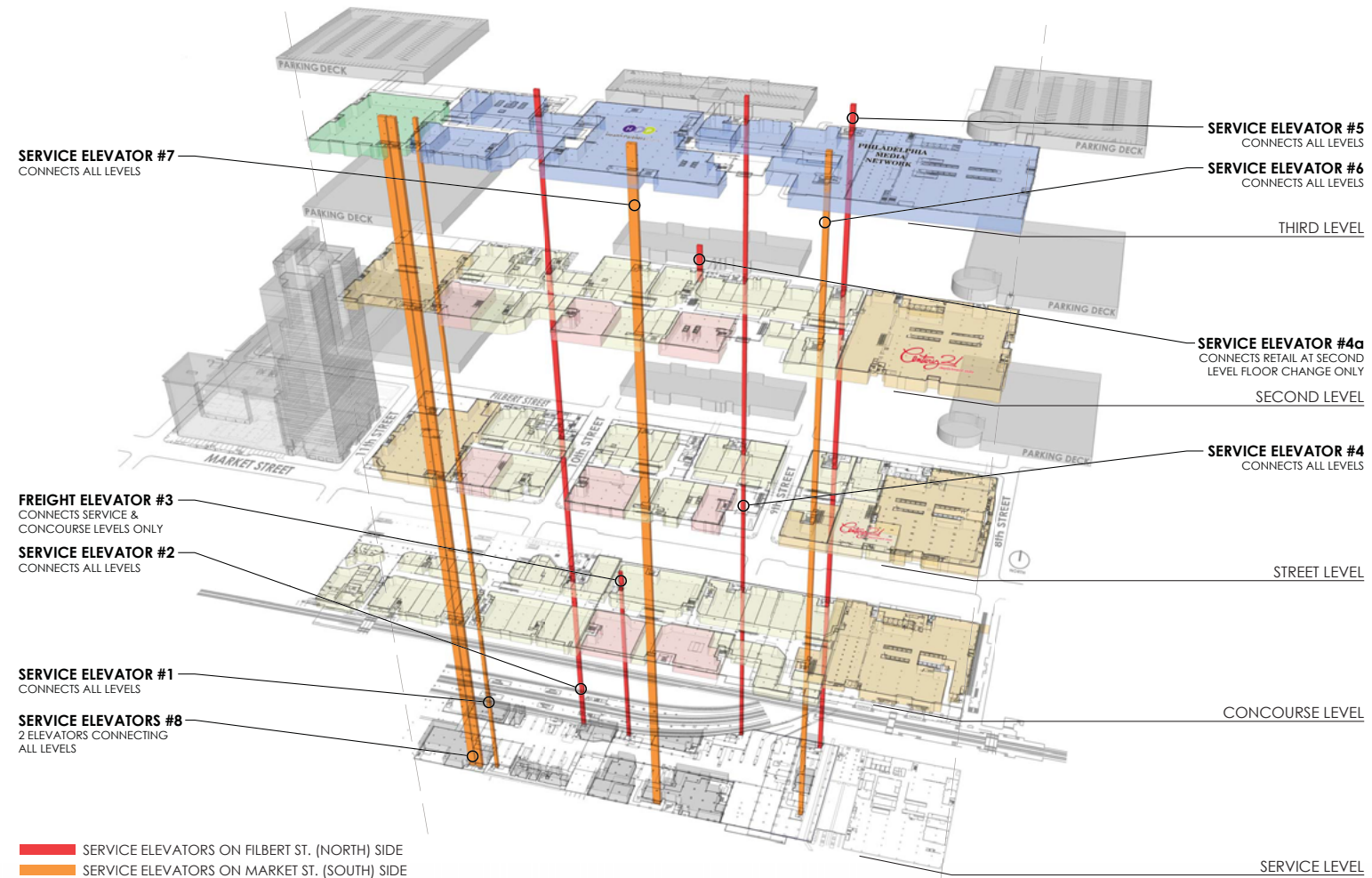


STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

SERVICE ELEVATOR PATHWAYS



STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

NO CORING ZONE - CONCOURSE LEVEL
CORING PROHIBITED DUE TO SEPTA RAIL BELOW

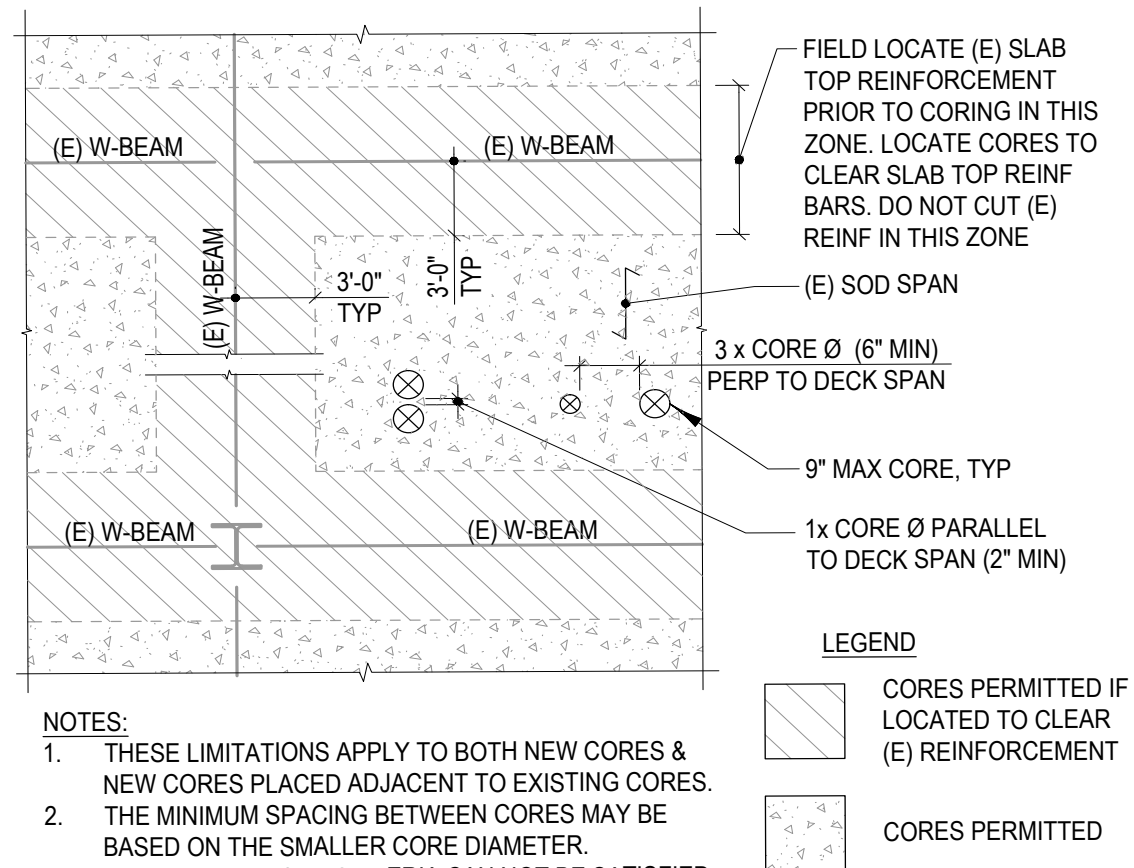


STRUCTURAL CRITERIA

FASHION DISTRICT
PHILADELPHIA

CONTINUED

DETAIL - CRITERIA FOR CORING THROUGH (E) SLAB ON DECK



NOTES:

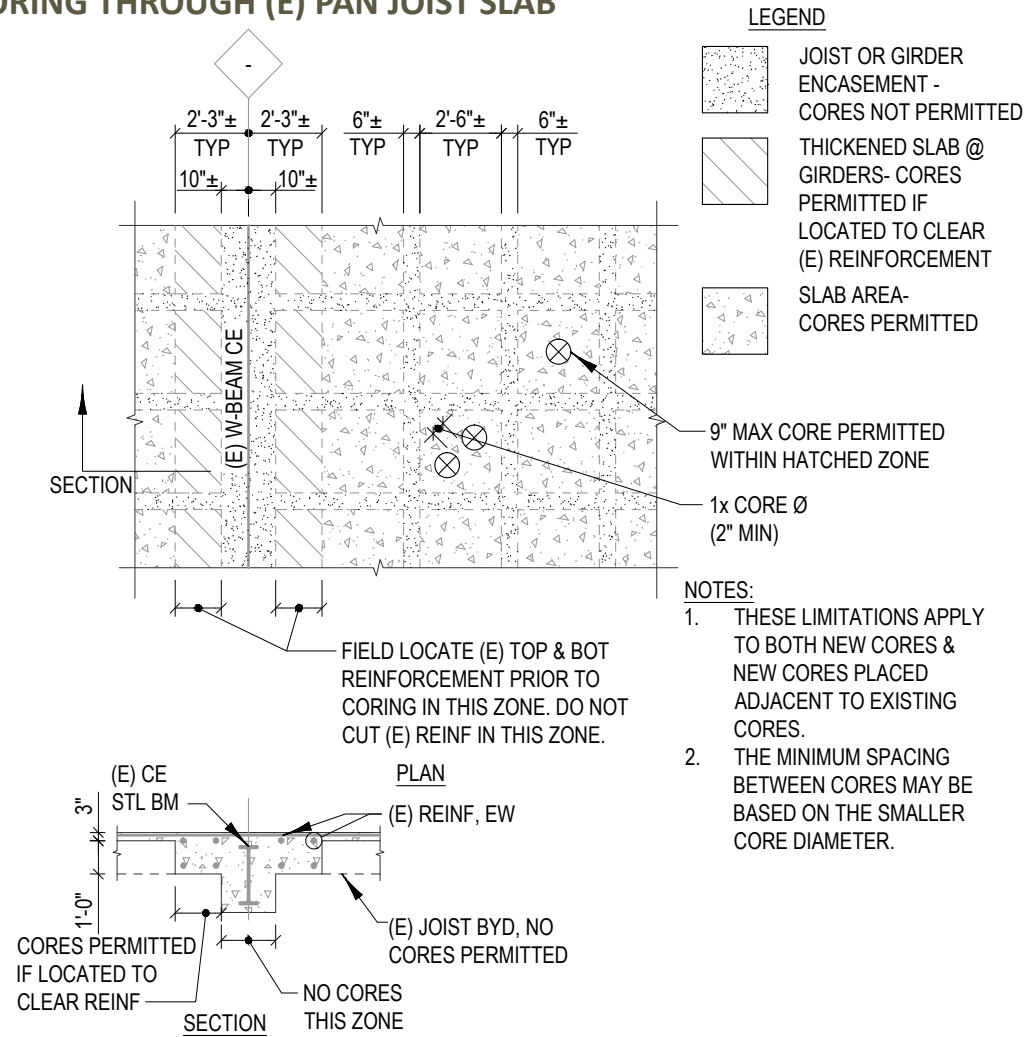
1. THESE LIMITATIONS APPLY TO BOTH NEW CORES & NEW CORES PLACED ADJACENT TO EXISTING CORES.
2. THE MINIMUM SPACING BETWEEN CORES MAY BE BASED ON THE SMALLER CORE DIAMETER.
3. WHERE THE ABOVE CRITERIA CAN NOT BE SATISFIED, PROVIDE ADDITIONAL STEEL FRAMING AROUND THE SLEEVE OR SLEEVE GROUP PER L/S4.02.

STRUCTURAL CRITERIA

FASHION DISTRICT
PHILADELPHIA

CONTINUED

DETAIL - CRITERIA FOR CORING THROUGH (E) PAN JOIST SLAB

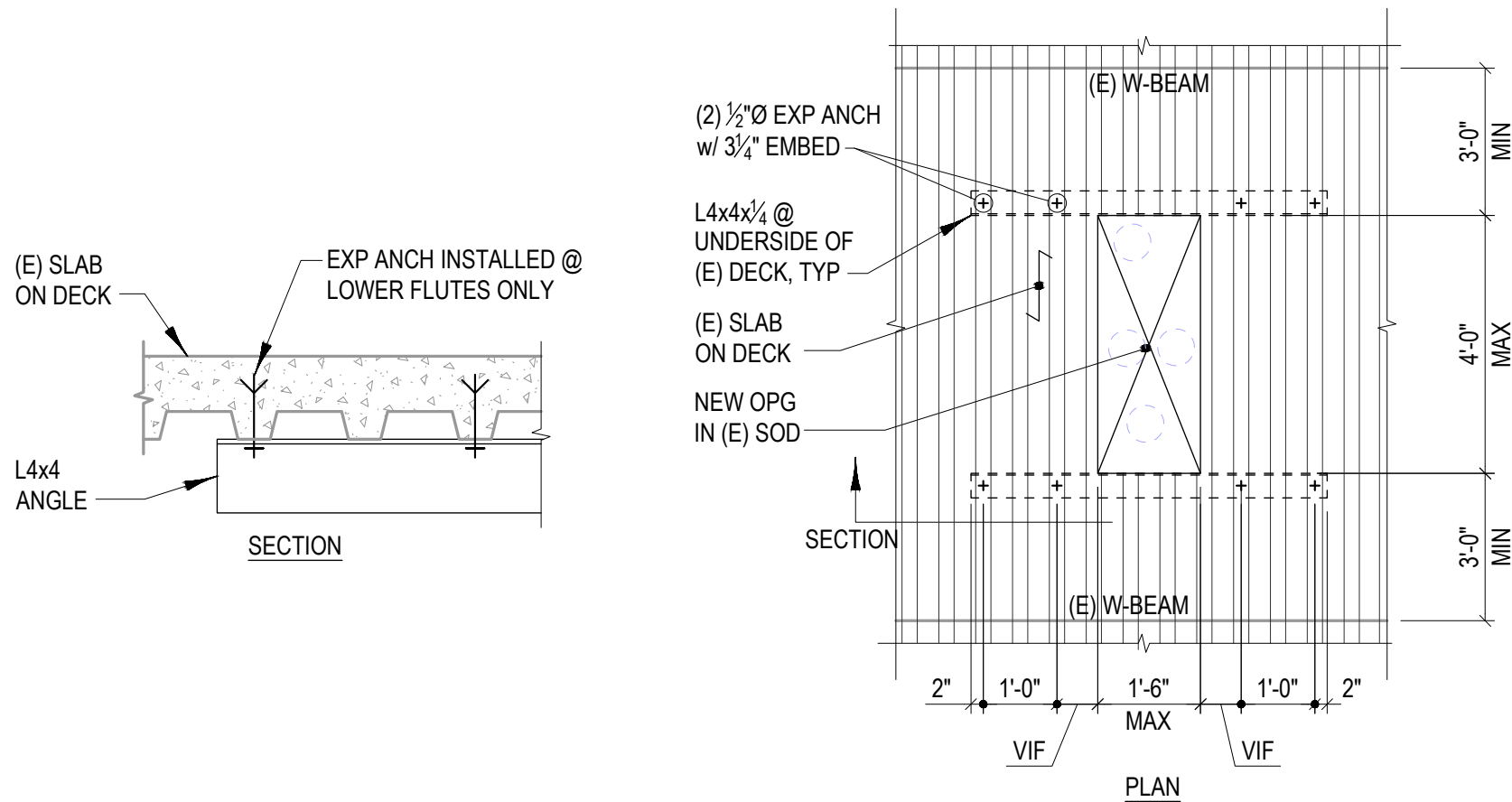


STRUCTURAL CRITERIA

FASHION DISTRICT
PHILADELPHIA

CONTINUED

DETAIL - NEW OPG IN (E) SOD

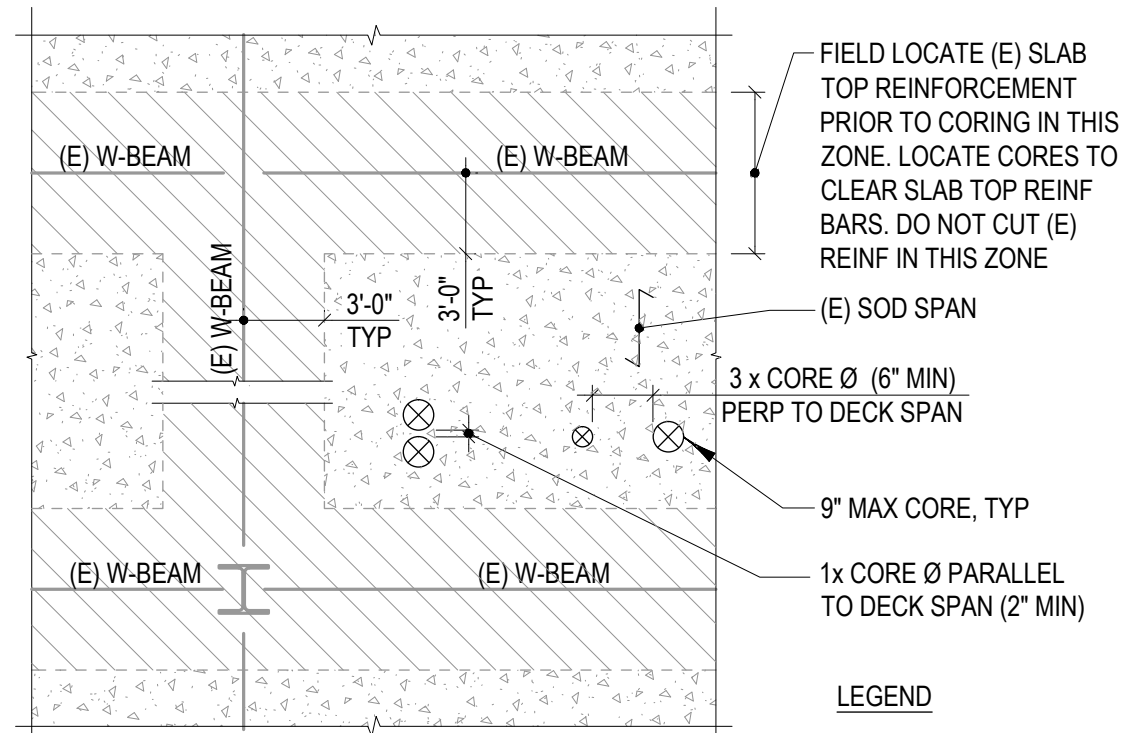


STRUCTURAL CRITERIA

FASHION DISTRICT
PHILADELPHIA

CONTINUED

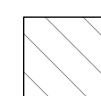

DETAIL - CORING THROUGH E SLAB



NOTES:

1. THESE LIMITATIONS APPLY TO BOTH NEW CORES & NEW CORES PLACED ADJACENT TO EXISTING CORES.
2. THE MINIMUM SPACING BETWEEN CORES MAY BE BASED ON THE SMALLER CORE DIAMETER.
3. WHERE THE ABOVE CRITERIA CAN NOT BE SATISFIED, PROVIDE ADDITIONAL STEEL FRAMING AROUND THE SLEEVE OR SLEEVE GROUP PER L/S4.02.

LEGEND

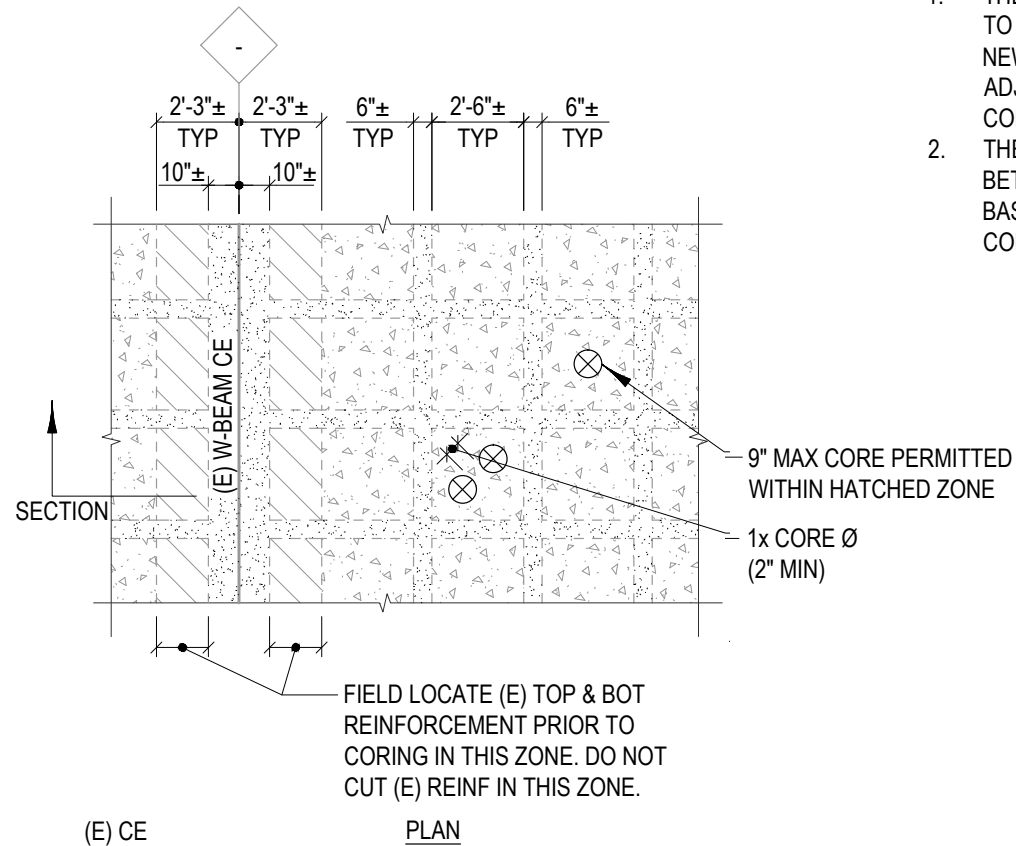
-  CORES PERMITTED IF LOCATED TO CLEAR (E) REINFORCEMENT
-  CORES PERMITTED

STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED




DETAIL - CORING THROUGH E PAN JOIST

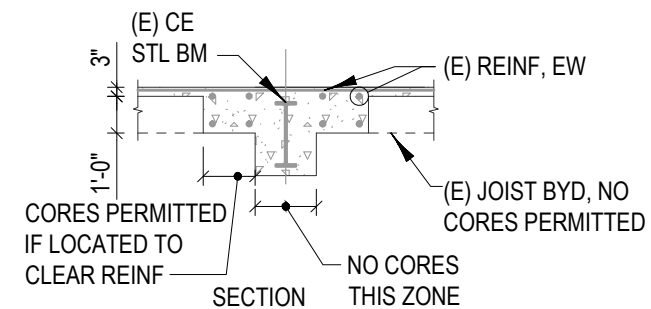


NOTES:

1. THESE LIMITATIONS APPLY TO BOTH NEW CORES & NEW CORES PLACED ADJACENT TO EXISTING CORES.
2. THE MINIMUM SPACING BETWEEN CORES MAY BE BASED ON THE SMALLER CORE DIAMETER.

LEGEND

	JOIST OR GIRDER ENCASEMENT - CORES NOT PERMITTED
	THICKENED SLAB @ GIRDERS- CORES PERMITTED IF LOCATED TO CLEAR (E) REINFORCEMENT
	SLAB AREA- CORES PERMITTED

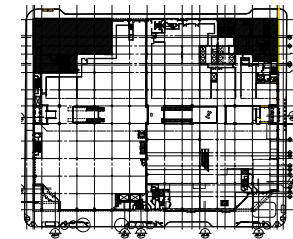
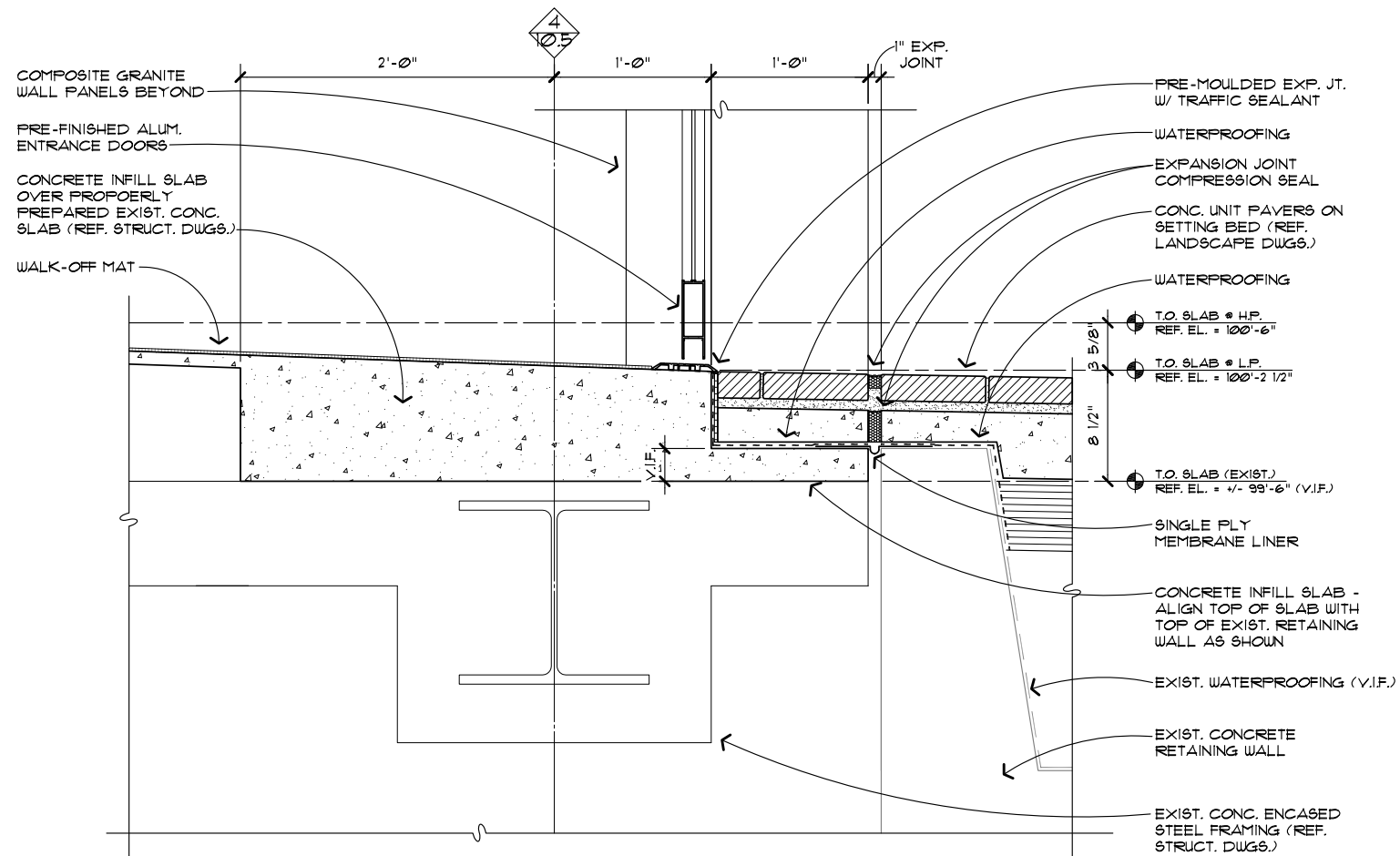


STRUCTURAL CRITERIA

FASHION DISTRICT
PHILADELPHIA

CONTINUED

STREET LEVEL WATERPROOFING PLAN AND SECTION DETAILS - BLDG A

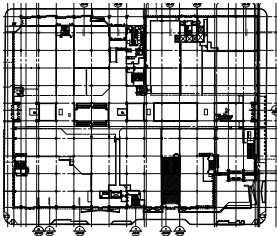
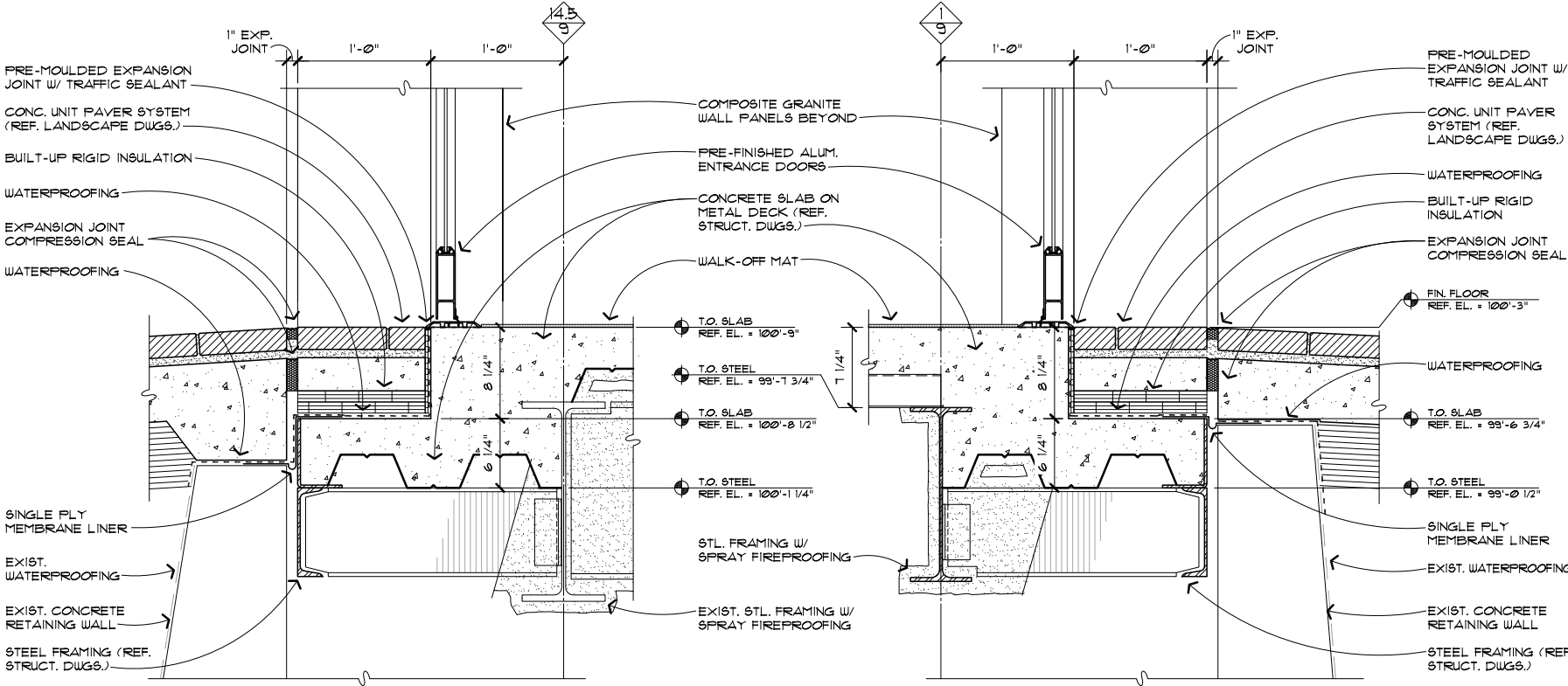


STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

STREET LEVEL WATERPROOFING PLAN AND SECTION DETAILS - BLDG B



STRUCTURAL CRITERIA

FASHION DISTRICT PHILADELPHIA

CONTINUED

STREET LEVEL WATERPROOFING PLAN AND SECTION DETAILS - BLDG C

