Tucson Mall is located in the north part of the city convenient to the beautiful neighborhoods in the Catalina foothills. Tucson Mall is a 1,300,000 square feet, super regional shopping center featuring five major department stores, a food court, restaurants, and approximately 150 retail shops.
Certain elements shown on this plan are future or proposed. Landlord makes no representation that the future or proposed development will occur as shown.
Certain elements shown on this plan are future or proposed. GGP - Tucson Mall Inc. makes no representation that the future development will occur as shown.
Primary Signage:
Primary building mounted tenant signage not to exceed 1 square foot for every linear foot of tenant frontage.

Blade Signage:
Tenant blade sign on building mounted landlord bracket.
Primary Signage:
Primary building mounted tenant signage not to exceed 1 square foot for every linear foot of tenant frontage.

Blade Signage:
Tenant blade sign on building mounted landlord bracket.
**Primary Signage:**
Primary building mounted tenant signage not to exceed 1 square foot for every linear foot of tenant frontage.

**Blade Signage:**
Tenant blade sign on building mounted landlord bracket.
Tenant signage in the mall concourse should be incorporated into the storefront design. No tenant signage may be mounted on landlord finishes.

Upper level tenants are required to install three dimensional displays in display windows.
Sections & Elevations Type B

TENANT STOREFRONT TYPE B
Exterior Storefront Entry Portals

ELEVATION

Match site concrete color and finish
Hard surface transition flooring past the point of entry

PLAN

Entry Portal
Storefronts are to be self-supporting
(Attachment to the landlord structure for lateral bracing only)

Exterior Storefront Entry Portals
Blade Sign Bracket Detail

"U" FLANGE CAP - 1/8" STL PLATE
POWDER COAT FINISH
BENJAMIN MOORE - 2129-30 "BLUE NOTE"

FACE OF BUILDING

PLAN

LANDLORD SIGNAGE BRACKET - STEEL
POWDER COAT FINISH
BENJAMIN MOORE - 2129-30 "BLUE NOTE"

STAINLESS STEEL
ACORN NUTS

STAINLESS STEEL
HEX NUTS

LANDLORD 3/8" STAINLESS
STEEL SUSPENSION RODS

TELLANT SIGN
4 SF MIN
6 SF MAX

SIDE ELEVATION

END ELEVATION
The Tenant stores along the south side of Tucson Mall front a series of landscaped plazas, terraces and sidewalks. The pedestrian experience is enhanced by shade elements, sidewalk seating, water features and lighting. The architectural character of the mall is defined by simple forms composed of durable materials, recessed openings in solid walls and a variety of canopy types. Storefront designs should complement the mall architecture, provide Tenant identity and enhance the outdoor pedestrian environment.

**Street Scene Tenant Storefront Openings:**

Exterior Tenant storefronts are typically set back 3’-0” from the mall building facade. Storefront opening heights are typically 14’-0” high. One location at the west mall entry has a 17’-4” high opening. Landlord canopies shade the openings at all locations.

A variety of individual storefront designs will provide a distinct identity for each Tenant and animate the mall facade. Storefronts are to be predominantly glass and articulated with modulated forms and unique architectural characteristics. Each Tenant may have a projecting entry portal. Tenants are offered design flexibility to create architectural diversity.

**Street Scene Control Zone Criteria:**

The front 6’-0” area from the storefront lease line has been designated as a control zone area. All Tenants must comply with these requirements.

**Floors:**

- The Tenant shall provide a smooth and level transition from the Tenant’s space to the exterior pedestrian walkway.
- The Tenant must match exterior concrete color and finish from the lease line to the Tenant’s storefront line and/or closure.
- The Tenant shall provide 6’-0” minimum of hard surface transition flooring material past the point of entry.

**Ceilings:**

- Ceiling elevations should vary within the 6’-0” control zone.
- Locate exit sign behind ceiling sofit so as not to be seen from the exterior pedestrian walkway.
- Recessed incandescent downlights shall be used in the control zone.
- Track type lighting is prohibited unless concealed
- Sprinkler heads in the ceiling must be flushed or fully recessed, and cover plates to be chrome or to match ceiling color.
- Acoustical tile is not permitted in the control zone area.
Control Zone Materials:
All control zones shall be constructed of quality materials and displayed with suitable lighting. The use of the following materials is prohibited in the control zone area.

Unacceptable Control Zone Materials
• Slat wall or slat wall fixture systems
• Plastic-type materials
• Wallpaper
• Wall covering
• Wood grain plastic laminates
• Plastic plants
• Simulated brick, stone or wood
• Cork or cork tile
• Plywood paneling
• Pegboard walls and pegboard fixturing systems
• Wood shingles or shakes
• Acoustical ceiling tile
• Vinyl or rubber floor materials and bases
• Field painted aluminum
• Rough-sawn lumber/barn-type siding
• Multi color spray paint applications
• Carpet or carpet tile

Drywall ceilings are required within the Control Zone. These ceilings shall be a minimum of 0’-6” higher than the minimum required storefront height.
EXTERIOR STREET SCENE - SIGNAGE DESIGN CRITERIA

Exterior signage on building facades plays a vital role in the overall image envisioned for the Tucson Mall street scene. Similar to an urban streetscape, a creative and unique sign for each storefront will provide the diverse identity between Tenants.

Location and number of signs are to be presented by Tenant and approved by Landlord. Storefronts with exposed side elevations may have additional identity as permitted by the Landlord and City. Sign colors from one Tenant to the next must be diverse and will be approved on an individual basis. Creative application of signage and logos are required. Layering of materials is encouraged. Secondary sign types may include logos applied to canvas banners, plaque signs and recessed entry flooring signage subject to Landlord and City approval. Complete sign packages are to be submitted to Landlord for review and approval. All signs are subject to Landlord’s Reciprocal Easement Agreement conditions and approvals. All exterior signs must be approved by the City before installation occurs.

Primary Building Signage Requirements:

Primary building mounted Tenant signage area may not exceed one square foot for every linear foot of Tenant frontage. Signage height may not exceed 24”. Tenants may be permitted only one primary sign at main storefront entries. Primary signs must be illuminated. Remote types or concealed illumination are encouraged. Individual letters are encouraged. Monolithic sign backgrounds or sign cabinets are not permitted. Exposed neon applied directly to building facades or acrylic-faced channel letters are not permitted.

Blade Signage Requirements:

Tenant blade signs are required at building mounted brackets. Tenants are required to purchase from the Landlord’s on-site representative. The blade sign is to be a minimum of four square feet and a maximum of six square feet. The Tenant’s name, logo, and/or graphic must be right reading on both sides. The blade sign shall be of a hard durable, opaque material and no less than 1” thick. Illuminated signs are not acceptable.
Mall Concourse - Design Criteria

The two story mall entry concourse is the signature space of Tucson Mall. The concourse is defined by fifty foot tall columns supporting a roof that floats over the space between two buildings. Two story bays between the columns project forward of the primary building facade. The design is contemporary and features a refined palette of ceramic and stone tile, wood, metal panel, steel and glass. The concourse extends from exterior to interior and connects the landscaped main entry plaza with center court.

Mall Concourse Tenant Storefront Openings:
Tenant storefronts are located in the projecting bays centered between the columns. Storefront openings are 12’-0” high with a metal panel surround and capped by an architectural steel channel. A variety of individual storefront designs will provide a distinct identity for each Tenant and add richness to the concourse experience. Tenant entry portals may not project forward of the lease line however recessed entries may serve to modulate the storefront design. Tenants are encouraged to maximize opportunities offered design flexibility to provide architectural diversity. Upper level concourse frontage includes display glazing. Upper level Tenants are required to install three dimensional presentations in display windows. Large format graphics adhered directly to back of glazing are not permitted. Tenants are encouraged to maximize opportunities offered by these display windows.

Mall Concourse Control Zone Criteria:
The front 6’-0” area from the storefront lease line has been designated as a control zone area. All Tenants must comply with these requirements.

Floors:
• The Tenant shall provide a smooth and level transition from the Tenant’s space to the common area.
• The Tenant must match Mall border tile from lease line to the Tenant’s storefront line and/or the point of entry.
• The Tenant shall provide a 6’-0” minimum of hard surface transition flooring material past the point of entry.

Ceilings:
• Ceiling elevations should vary within the 6’-0” control zone.
• Locate exit sign behind ceiling soffit so as not to be seen from the exterior pedestrian walkway.
• Recessed incandescent downlights shall be used in the control zone.
• Track type lighting is prohibited unless concealed.
• Sprinkler heads in the ceiling must be flushed or fully recessed, and cover plates to be chrome or to match ceiling color.
• Acoustical tile is not permitted in the control zone area.
MEP & FIRE PROTECTION CRITERIA
The following is a list of minimum design information required to expedite plan approval by Landlord. It is not intended to be a complete listing of all requirements, but should serve as a minimum checklist to be used by Tenant’s design consultants to complete the construction documents. It is the responsibility of the Tenant’s architect or engineer to field verify dimensions, utility locations and conditions prior to and during construction. We urge you to read this manual in its entirety in order to fully understand the requirements needed to generate an approvable set of construction documents.

**HVAC Drawing Requirements**

- Location of all VAV boxes and CFM
- Total CFM requirements for area
- Mechanical Symbol and equipment list
- Duct sizes and heights above finished floor
- Diffuser and grille schedule
- Indicate CFM for each diffuser on plan
- Plenum return air system indicated (if applicable)
- Damper locations
- Type of insulation
- Thermostat or temperature sensor locations
- Control wiring diagram
- Toilet exhaust detail
- Notes and specifications
- MEP load tabulation sheet or Center required forms and schedules (refer to enclosures)
- Provide heating and cooling load calculations
- Electrical interlock that causes the exhaust fan to run simultaneously with tenant lighting (upper level)

**Additional Food Related Tenant Requirements**

- See utilities chart for exhaust and make-up air for lower level
- Automatic extinguishing equipment shall be installed in accordance with NFPA standard 96.
- Makeup air unit details and specifications (upper level)
- Specifications of exhaust equipment (upper level)
- Cooking hood details and equipment
- Automatic fire extinguishing equipment
- Control/fire alarm wiring interface diagram (if applicable)
- Show air balance calculations
- Grease Hood exhaust fan must be equipped with a residue trough to be maintained by the tenant
- Exhaust to exceed outside air intake by 10% or 200 CFM minimum
- Extinguishing systems shall be UL approved wet chemical pre-engineered systems designed as per code with the following features:
  - Protection of hood and duct
  - Surface protection for deep fat fryer, broiler and range
  - Automatic device for shutting down fuel or power supply to appliances, these devices must be of manual reset type.
Landlord Supplied HVAC Design
Landlord has designed and installed a central air conditioning system and main duct work for a VAV system. Tenant shall provide a complete mechanical system from Landlord’s supply within the leases premises, including but not limited to, connection to supply ductwork, grilles and registers, installing shut-off VAV mixing box(es), low pressure rigid metal ductwork, grilles and registers. Tenant shall verify the return air plenum requirements (if applicable). Landlord will furnish and install thermostat(s) and DDC controller(s) for all VAV terminals, all at Tenant’s sole expense.

Landlord’s system is designed to maintain tenant space at 78°F when outdoor temperature is 102°F and 72°F wet bulb. Supply air quantity and temperature to the VAV box will be listed in the utilities chart.

The Landlord does not provide central heating to the Tenants. Any Tenant desiring heating for outside wall load shall provide heat by means other than re-heat coils in the VAV system.

Note: If predetermined Landlord supplied CFM is inadequate for Tenant’s design, Tenant must request in writing for additional CFM, or submit supplementary cooling design.

Tenant Responsibility (all designs)
Tenant shall provide a complete mechanical system within the leased premises, including but not limited to the following:
- Low pressure rigid metal ductwork, grilles, registers, controls and circuitry necessary for the satisfactory operation of an air conditioning system.
- Verify with Landlord’s on-site representative regarding any interface existing Life Safety System.
- All supply, return and exhaust systems must be balanced and tested by Landlord’s approved air balance mechanical contractor at tenants’ expense. Tenant to submit a copy of the report to Landlord’s on-site representative.
- Ductwork shall be free from vibration. If ductwork has excessive vibration, Tenant shall provide additional braces and/or supports. Additional supports must be hung from the top of joist cord and/or beam.
- No flex duct over 5’-0” in length.
- Any odor producing tenants (i.e. hair salon, nail and food tenants, etc.) must provide an additional exhausting system approved by Landlord to eliminate odors. Coordinate shaft routing with Landlord’s on-site representative prior to plan submission. Provide conditioned make-up air equal to 90% of the exhaust air.
- Verify the location of existing Landlord control wiring. New work must be arranged as to not conflict with or restrict access to existing work.
- Tenant shall provide ceiling mounted exhaust fans for toilet rooms. Fans shall have backdraft dampers and be connected to Landlord’s exhaust duct. Fans shall be interlocked to run whenever the toilet rooms’ light switch is turned on.
- Any equipment required by tenant to be located on the roof shall be approved by the Landlord’s representative. Tenant shall furnish all support curbs or rails for installation by Landlord’s roofing contractor at tenant’s sole expense.
The following is a list of minimum design information required to expedite plan approval by Landlord. It is not intended to be a complete listing of all requirements, but should serve as a minimum checklist to be used by Tenant’s design consultants to complete the construction documents. We urge you to read this manual in its entirety in order to fully understand the requirements needed to generate an approvable set of construction drawings.

**Sprinkler Drawing Requirements**

- Location of sprinkler head grid with main and branch pipe sizes
- Temperature rating and type of all sprinkler heads
- Hydraulic calculations
- Fire extinguisher locations and sizes
- Height of ceiling drops
- Lighting location
- Curtain wall locations
- HVAC diffuser locations
- Any valves or flow devices
- 1/8” scale drawings with cross section

**Landlord Supplied Sprinkler System**

Tenant spaces are currently protected by an existing fire prevention system (sprinkler system). All Tenants shall modify the existing system to comply with NFPA guidelines and local codes. Modifications should be accomplished with a minimum of system shut down time.

**Tenant Responsibility:**

Tenant shall modify the sprinkler system within the leased premises; including but not limited to, all necessary labor, piping, sprinkler heads, escutcheons, etc. for the satisfactory operation of a sprinkler system. Tenant shall verify existing conditions.

- In order to complete modification of sprinkler system in leased premises, Tenant’s sprinkler contractor must contact Landlord to arrange for a system shut down and pay required shut down fees in advance.
- Plans must be signed and sealed by a registered Fire Protection Engineer or a Licensed Contractor in Arizona.
- Each Tenant must generate a sprinkler shop drawing and supply hydraulic calculations to the Landlord’s on-site representative.
- Tenant’s sprinkler system shall give coverage up to Tenant’s lease line.
- Provide sprinkler coverage at exit alcove and storefront entrance alcove.
- No combustible material is allowed above tenant ceiling unless sprinkler coverage is provided.
- Maintain a minimum 18” clearance between ceiling sprinklers and stock or displays
- All storage decks and mezzanines must be fully sprinkled.
- Employ Landlord’s approved sprinkler contractor for all work.
- All plans and calculations must be approved prior to installation.
In order to expedite tenant drawing approval by local Plans Examiners, the Landlord requires the following minimum design information to be placed on the Tenant’s construction documents. The following list is not intended to be a complete list of all requirements, but should serve as a minimum checklist to be used by the tenant’s design consultants to complete the construction documents.

Landlord Supplied Fire Alarm System (All Tenants)
Landlord has installed an intelligent, addressable mall fire alarm system, which monitors and supervises mall common house areas and mall tenant areas. The system has initiation devices (sprinkler water flow detectors, pullstations, smoke detectors, duct detectors, etc.) connected to initiation circuits to activate the system into an alarm mode. The system also has occupant notification devices (horns, speakers, strobes, etc.) connected to notification signaling circuits to alert mall common and tenant areas of the alarm condition. The mall’s Fire Alarm System, in addition to having normal horn sounders as previously stated, has an integral prerecorded voice evacuation paging unit including a microphone for live voice messages to alert the mall common areas and tenant areas of an alarm via speakers.

Fire Alarm Drawing Requirements (All Tenants)
Tenant Fire Alarm drawings shall be prepared by the Tenant’s Arizona registered engineer (s). Tenant Fire Alarm Drawings shall include the following as a minimum:
- Drawing sheets labeled FA-1, FA-2, etc.
- Location of control panels
- Location of audio/visual appliances and initiation detectors
- Indicate fire hood suppression interlock to the Landlord’s system (applicable to food related tenants)

Fire Alarm Criteria (all tenants)
Tenants shall have prerecorded voice evacuation messages issued throughout their lease space. Tenant’s message unit shall be initiated into operation via the mall’s Fire Alarm System. To accomplish this interface tie-in, the Landlord has furnished, installed and wired an area smoke detector and a control module for each Tenant. These smoke detectors and modules are wired to the mall’s Fire Alarm System by the Landlord.

Tenant’s shall furnish and install, at the Tenant’s expense, occupant notification equipment within the Tenant’s space as follows:
- A self-contained Voice Control Panel shall be provided to issue evacuation instructions within the Tenant space via speakers.
- A Signal Power Expander shall be provided to operate all flashing strobe devices within Tenant space.
- Speakers and combination speaker strobes shall be installed within the Tenant space as per codes.
ELECTRICAL DESIGN CRITERIA

In order to expedite Tenant drawing approval by local Plans Examiners, the Landlord required that the following minimum design information be placed on the Tenant’s construction documents. The following listing is not intended to be a complete list of all requirements, but should serve as a minimum checklist to be used by Tenant’s design consultants to complete the construction documents.

You are urged to read this manual in its entirety in order to fully understand the requirements needed to generate an approvable set of construction documents.

ELECTRICAL DRAWING REQUIREMENTS

- Floor and wall receptacles - show location and type
- Fans, motors and miscellaneous equipment - show location and type
- Mechanical equipment layout including VAV boxes and other HVAC equipment
- Floor and wall voice/data outlets - show location and type
- POS outlets (voice/data outlets and isolated ground receptacles) - show location & type
- Lighting fixture layouts including switching locations and other controls
- Lighting Fixture Schedule including fixture manufacturer, model number and lamp type
- Emergency and exit and night lighting fixture layouts all with integral battery backup
- Branch circuit conduit layout indicating wire sized and panel circuit designations
- Feeder conduit layout indicating wire sizes and panel circuit designations
- Electrical room layout showing panels, transformers, time clock, etc.
- One-Line diagram and/or Electrical Riser Diagram showing available fault current, wire sizes and ratings.
- Electrical Panel Schedule showing load names, breaker poles, overcurrent sizes, electrical loads, etc.
- Landlord’s Tenant distribution panel with Tenant’s associated switch- show location
- Electrical Load Listing using attached MEP Load Data Tabulation Form
- Material and installation specifications including approved wiring methods
- Check code and local requirements for detailed design mandates

LANDLORD SUPPLIED ELECTRICAL POWER SERVICE (ALL TENANTS)

The Landlord has installed Electrical Distribution Systems providing for interior, building mounted Tenant Distribution Panels. Tenant Distribution Panels are installed in main electrical service rooms located throughout the mall. Each mall Tenant will receive Landlord’s master metered 480/277 volt, three phase, four wire electrical power from one of the nearby electrical rooms. Landlord has sized and installed Tenants fusible switch in Tenant Distribution Panel based on electrical load criteria below. Landlord has sized and installed an empty conduit with pull string from nearby mall electrical room to each leased tenant space. Tenant conduits are sized based on criteria below with minimum size being 1 1/2” trade size/ Refer to “Tenant Responsibilities” below for additional information and requirements.
**POWER SERVICE DESIGN CRITERIA (ALL TENANTS):**

Electrical Power Service Characteristics:
480/277V, 3 phase, 4W, 60HZ

Typical Tenant Switch Size:
Fusible switch based on maximum 10 watts per square foot of tenant floor area. See Note #1 below.

Food Court Tenant Switch Size:
Fusible switch based on maximum 60 watts per square foot of tenant floor area. See Note #1 below.

Restaurant Tenant Switch Size:
Fusible switch based on maximum 60 watts per square foot of tenant floor area. See Note #1 below.

**NOTE #1:** Landlord has sized that portion of the mall’s electrical distribution system dedicated to Tenant lease area sufficient to accommodate electrical installations equating to the Tenant watts per square foot mentioned above. Tenant loads in excess of allowances above, which could require larger switch and conduit sizes, will require special review and written permission of the Landlord. Should special permission be granted, any required revisions to the Landlord’s electrical distribution system to accommodate the increased Tenant electrical load will be at Tenant’s expense.

**Landlord Voice/Data Service (All Tenants)**
The Landlord has installed an empty 1” voice/data service conduit with pull string from one of the mall’s several main or secondary telephone service areas to each leased Tenant space. Empty conduits have been omitted where back-of-house service corridors pass adjacent to both the Tenant space and the Tenant’s associated telephone service area, as it is then intended for the Tenant to install “open” voice/data signal cable in the corridor without conduit.

**TENANT RESPONSIBILITY (ALL DESIGNS):**

The Tenant shall be responsible for furnishing and installing a complete lease space electrical system. The system shall include all lighting, power outlets, communications outlets, electrical panels, HVAC equipment, feeders, branch circuits, etc. Necessary for the lease space to function as a Tenant in a retail mall environment. Detailed Tenant lease space electrical responsibilities and requirements include furnishing and installing the following:

- Lease space power supply originating from one of the Landlord’s nearby Tenant Distribution Panels located in Mall Electrical Rooms.
- Empty conduit extension from Landlord’s stub-in location to Tenant’s desired location.
- Power conductors from fusible switch in Landlord’s Tenant Distribution Panel to desired location within lease space.
- If desired by the Tenant, a self contained by-pass type electric meter socket with electric meter having both KWH energy usage and/or KW demand readout registers may be installed within tenant space.
- Drytype stepdown transformers for 120/208 volt, 3 phase, 4 wire. Suspension of drytype transformers from structure above shall require Landlord’s approval.
- Main 480/277 volt distribution or power panelboard with main circuit breaker, bolt-on type, switching duty rated, branch circuit breakers, and copper bus bars. All circuit breakers shall be properly rated for available fault current.
Tenant Responsibility (All Designs) cont.

- Miscellaneous 208/120 volt lighting and power panelboard with main circuit breakers, bolt-on type, switching duty rated, branch breakers, and copper bus bars. All circuit breakers shall be properly rated for available fault currents.
- Materials which bear Underwriter’s Laboratory U.L label.
- Electrical materials furnished and installed in accordance with National Electric Code and all local requirements and amendments.
- Distribution and miscellaneous panelboard phases balanced to within +10% of each other.
- Copper conductors rated at 600 volts with Type THWN insulation. Aluminum conductors are not permitted.
- EMT and rigid galvanized steel conduit above the finished floor line and PVC, Schedule 40 conduit in concrete slab or below grade installations. Comply with locally approved wiring methods. Type AC(BX) manufactured cable systems are not permitted.
- Time clocks to control storefront signage, logos and show window lighting.
- Properly grounded electrical system bonded to equipment enclosures, building steel, and as per all national and local codes.
- Branch circuitry from Tenant’s panel to HVAC control damper.
- Personnel ground fault receptacles at locations required by National Electric Code.
- Plastic engraved nameplates on electrical enclosures including panels, transformers, disconnect switches and including disconnect switch at Landlord’s power bus duct.
- GFCI 120 volt receptacle within 25 feet of mechanical units as per Mechanical Code.

Sales area lighting system consisting of a combination of the following:

- Lay-in fluorescent fixtures with parabolic louvers, solid state electronic ballast, and TB fluorescent lamps.
- Halogen recessed and track mounted accent lighting.
- Approved outline and graphic lighting.
- Metal handle recessed and track mounted accent lighting
- Night lighting fixtures and circuitry providing low level illumination throughout lease space when Tenant is closed.
- Emergency lighting and exit signs with integral battery-inverter packs as necessary to meet codes.
TYPICAL TENANT LEASE SPACE RISER DIAGRAM:

S - Fusible switch furnished and installed by the Landlord. Fuses and wiring by Tenant.

M - Self-contained meter and base furnished and installed by the Tenant if desired.

PP - 480V/277V, 3Ø, 4W main electrical panel (when used) with main breaker by the Tenant. Complete a panel schedule for each panel installed.

TR - 480V-208Y/120V, 3Ø, 4W floor mounted dry-type stepdown transformer by the Tenant.

LP - 208Y/120V, 3Ø, 4W lighting and power panel with main circuit breaker by the Tenant. Complete a panel schedule for each panel installed.

TC - Time clock by the Tenant to control store sign and show window lighting circuits as required.

EC - Power service conduit and conductors furnished and installed by the Tenant.

VAV - Extension of the Tenant’s branch circuit to VAV control damper.

BD - Landlord’s power bus duct for Tenant Services.

TE - Empty telephone conduit by the Landlord to the lease premises. Extension of conduit to Tenant’s desired location is by Tenant.

PS - Telephone System switch, control unit, punchdown block(s), etc.) within the leased premises by the Tenant at Tenant’s expense.

TDP - Landlord’s tenant distribution panel located in main electrical service points.

TB - Landlord’s telephone backboard.
# ELECTRIC PANEL SCHEDULE

<table>
<thead>
<tr>
<th>QTY. OF RECEPTS</th>
<th>DESCRIPTION OF LIGHTING</th>
<th>DESCRIPTION OF EQUIPMENT</th>
<th>TRIP AMPS</th>
<th>TOTAL WATTS</th>
<th>TOTAL WATTS</th>
<th>TRIP AMPS</th>
<th>POLES</th>
<th>DESCRIPTION OF EQUIPMENT</th>
<th>DESCRIPTION OF LIGHTING</th>
<th>QTY. OF RECEPTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Fluorescent Ldg.</td>
<td>20/1</td>
<td>2</td>
<td>1200</td>
<td>1</td>
<td>2</td>
<td>1000</td>
<td>20/1</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Hand Dryer</td>
<td>20/1</td>
<td>4</td>
<td>900</td>
<td>3</td>
<td>4</td>
<td>900</td>
<td>20/1</td>
<td>Track Lighting</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>20/1</td>
<td>6</td>
<td>1800</td>
<td>5</td>
<td>6</td>
<td>600</td>
<td>20/1</td>
<td>Drink Fountain</td>
<td></td>
</tr>
</tbody>
</table>

**TENANT MUST COMPLETE THIS SCHEDULE AND INTEGRATE INTO TENANT DRAWINGS.**

(Example loads are shown for circuits #1 through #6)

**TOTAL WATTS PHASE "A"**  
**TOTAL WATTS PHASE "B"**  
**TOTAL WATTS PHASE "C"**  
**TOTAL CONNECTED LOAD ("A" + "B" + "C")**

<table>
<thead>
<tr>
<th>PANEL DESIGNATION</th>
<th>VOLTS</th>
<th>PHASE</th>
<th>WIRE</th>
<th>MLO AMPS</th>
<th>MAIN BKR AMPS</th>
</tr>
</thead>
</table>
### Electrical Details

<table>
<thead>
<tr>
<th>MEP Load Data Tabulation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SPACE #</strong></td>
</tr>
<tr>
<td><strong>NAME OF TENANT</strong></td>
</tr>
<tr>
<td><strong>GROSS LEASED AREA IN SQ.FT.</strong></td>
</tr>
</tbody>
</table>

**Mechanical**

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculated Design Heating Load</td>
<td>MBH</td>
</tr>
<tr>
<td>Calculated Design Cooling Load</td>
<td>MBH</td>
</tr>
<tr>
<td>Landlord Allocated Air Supply</td>
<td>MBH</td>
</tr>
<tr>
<td>Calculated Air Supply</td>
<td>CFM</td>
</tr>
<tr>
<td>Make-up Air System(s) (If Applicable)</td>
<td>CFM</td>
</tr>
<tr>
<td>Total Air Supply</td>
<td>CFM+</td>
</tr>
<tr>
<td>Toilet Exhaust</td>
<td>CFM+</td>
</tr>
<tr>
<td>Special Exhaust</td>
<td>CFM+</td>
</tr>
<tr>
<td>Total Exhaust</td>
<td>CFM+</td>
</tr>
<tr>
<td>Negative/Positive Pressure (Air Supply—Exhaust)</td>
<td>CFM+</td>
</tr>
<tr>
<td>Calculated Loss in Ductwork</td>
<td></td>
</tr>
<tr>
<td>Calculated S.P. Loss in Diffusers and Dampers Etc.</td>
<td></td>
</tr>
<tr>
<td>Total External Static Pressure in Water Column</td>
<td></td>
</tr>
</tbody>
</table>

**Electrical**

<table>
<thead>
<tr>
<th>Description</th>
<th>Connected Load</th>
<th>Demand Load*</th>
</tr>
</thead>
<tbody>
<tr>
<td>480Y/277V Panel Ampacity</td>
<td></td>
<td>AMPS</td>
</tr>
<tr>
<td>Transformer Size</td>
<td></td>
<td>KVA</td>
</tr>
<tr>
<td>208Y/120V Panel Ampacity</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Kitchen Appliances</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Lighting</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Receptacles</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Heating Load</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Cooling Load</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Water Heater</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Miscellaneous Loads</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Sign</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Motors</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Exhaust Fans</td>
<td></td>
<td>WATTS</td>
</tr>
<tr>
<td>Total Electrical Loads **</td>
<td></td>
<td>WATTS</td>
</tr>
</tbody>
</table>

**Plumbing**

<table>
<thead>
<tr>
<th>Description</th>
<th>Gallons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic Water Heater</td>
<td></td>
</tr>
<tr>
<td>Number of W.C. Fixtures Units</td>
<td></td>
</tr>
<tr>
<td>Number of Lavatories</td>
<td></td>
</tr>
<tr>
<td>Number if Commercial Sinks</td>
<td></td>
</tr>
<tr>
<td>Other Equipment Usage</td>
<td>GPM</td>
</tr>
</tbody>
</table>

* Utilize National Electrical Code Demand Factors for loads in this column.
** Total Electrical Load includes only the larger of heating or cooling, but not both.

Note: This sheet must be included in the final tenant working drawings.