



Global Dealership Space Identity Program (GDSI 2.0)  
Hyundai Motor America

Design Manual  
(Release 3.2)  
09/30/2020

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# INTRODUCTION TO THE GDSI 2.0 BRAND PROGRAM & PROCESSES

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>GDSI 2.0 Required and Optional Elements</b>	<p>Welcome to the Hyundai Accelerate Brand Program. The following information defines the Hyundai Global Dealership Space Identity Facility Brand Standards (“GDSI 2.0”) and identifies the Program Elements that are Required, Optional or Not Applicable to achieve compliance. Consult with your Regional Market Representation Manager to verify the appropriate Facility Type Category (Exclusive or Dual) and the associated requirements. All required GDSI 2.0 Elements must be implemented to qualify for the Facility portion of the Hyundai Accelerate Brand Program. The symbols at right are defined as follows:</p> <ul style="list-style-type: none"> <li>● Required</li> <li>◉ Optional (recommended, but not required)</li> <li>○ Not Applicable</li> </ul>	●	●
<b>Planning Guide</b>	The completed facility project must meet or exceed all HMA Planning Guide Standards.	●	●
<b>GDSI 2.0 Design Manual</b>	The GDSI 2.0 Design Manual and Design Intent Diagrams are provided to convey the requirements of the GDSI 2.0 Program. They are not to be used to obtain building permits or for the actual construction of the project. Compliant Construction Documents are to be prepared by licensed professionals who will accept responsibility for the proper application of the standards contained within the GDSI 2.0 Design Manual and Design Intent Diagrams.	●	●
<b>GDSI 2.0 Facility Branding Survey</b>	To ensure the consistent application of Branding Standards, all dealers are required to conduct a GDSI 2.0 Facility Branding Survey. To start the process, a Dealer Brand Form (DBF) must be submitted to your Regional Market Representation Manager. Upon receipt, the HMA Survey Vendor will contact the dealer and schedule an appointment to visit the dealership, spend two days on-site and customize the Branding Standards to a particular site and facility. The Dealer’s local consultants (architect, contractor and/or engineer, etc.) must be present for the Survey Review Meeting and the Final Delivery Meeting.	●	●
<b>Drawings of Existing Facilities in CAD</b>	The dealer is required to provide CAD files (.dwg) for all facilities that will be addressed as part of Survey (Hyundai and non-Hyundai). Drawings must include site plan, all floor plans, all elevations and reflected ceiling plan. The HMA Survey Vendor will contact dealer upon receipt of the Dealer Brand Form (DBF), but appointments will not be scheduled or confirmed until all CAD files have been received.	●	●
<b>Variance Process</b>	To qualify for the Facility portion of the Hyundai Accelerate Brand Program, dealers are required to implement all applicable GDSI 2.0 Branding Standards contained herein; however, in some instances local building codes, ordinances or unusual site conditions may require consideration. These items will be reviewed and addressed via a formal Variance Request to the Dealer Network Development Steering Committee. Contact your Market Representation Manager for additional information.	●	●
<b>Prior Facility Branding Surveys</b>	To qualify for the Facility portion of the Hyundai Accelerate Brand Program, a GDSI 2.0 Survey must have been completed and the DIDs/Deliverables presented to the dealer after January 6, 2020. All Pre-GSP, GSP and GDSI Surveys completed prior to that date will be considered void.	●	●

GDSI 2.0  
INTRODUCTION

SITE

FASCIA &  
EXTERIOR

SHOWROOM  
& SALES

VEHICLE  
DELIVERY

SERVICE  
DRIVE

CUSTOMER  
LOUNGE

SERVICE &  
PARTS

POP  
CUSTOMER

PROTOTYPE  
DESIGN

SIGNAGE



## THE GLOBAL DEALERSHIP SPACE IDENTITY (GDSI 2.0) PROGRAM

The **GDSI 2.0** program signifies that there is a change at Hyundai, a change that millions of current Hyundai Customers can enjoy and will engage those who have not yet experienced Hyundai. The GDSI 2.0 design concept is based upon the following key components:

	<b>E Motion Park</b>	
<b>Emotion</b>	<b>Motion</b>	<b>Park</b>
Customer Experience	Mobility of Cars	Space inspired by Nature

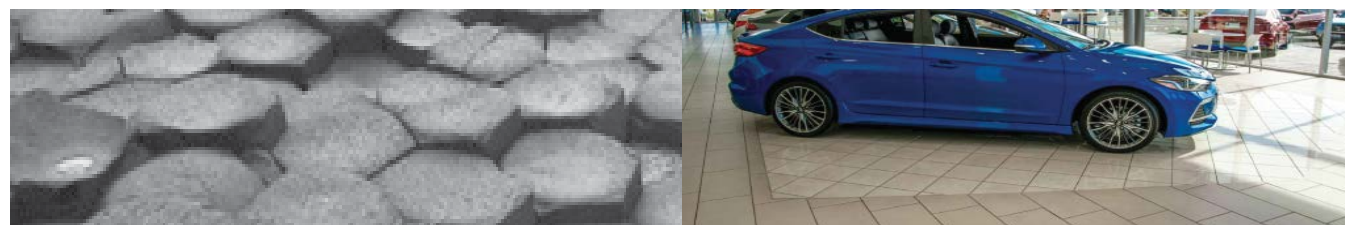
### Core Elements



**Shaped Sky - Ceiling and Exterior** – Inspired by the sky pattern of clouds in nature.



**Vertical Green - Inclined Columns** – Inspired by the verticality of the trees and natural forests.



**Cellular Landscape - Lead Car Zone** – Inspired by natural hexagonal rock landscapes.

## ENVIRONMENTAL DESIGN CONCEPT

Hyundai Motor Americas' (HMA) design initiatives are to move the company culture, buildings and vehicle fleet into the future with a sustainable and green design directive. HMA is moving a large portion of its fleet to hybrids and electric vehicles, as well as integrating the corporate green directive into the GDSI 2.0 brand image in the built environment. The proprietary "Shaped Sky" ACM panel design is an inspired portion of the building taken from the surrounding environment. Inspired by the natural bamboo forest of East Asia, inclined vertical columns set in a riverrock bed have been incorporated into the showroom. And inspired by nature's rock landscapes, the lead car zone is a hexagonal tiled area. Electric Vehicle infrastructure is also incorporated into the GDSI 2.0 branding with electric vehicle charging stations located in strategic spaces. Bolstering the green inspired culture, HMA's US headquarters in Fountain Valley, CA was constructed to a gold certification from the US Green Building Council for Leadership in Energy and Environmental Design (LEED).

## HYUNDAI MOTOR AMERICA (HMA) OBJECTIVES

HMA's objective is to provide **consistent GDSI 2.0 branding across the country** to support the global New Dealership Experience, work collaboratively with our Dealers to secure our shared businesses for future growth and address the service capacity issues of today and tomorrow. The following two components will be the key factors in planning your Dealership:

### 1. Planning Guide Compliance

A National Market Study was performed to determine the ideal network for Hyundai Motor America. The study defined the best location for our Dealerships and the expected future volume for each Market/PMA across the country. The future volume is based on HMA's volume growth plans, allowing the network to address the needs of today and the future units in operation (UIO). UIO continue to grow and the strength of our network profitability will continue to be driven by the Service and Parts business.

The Planning Guide calculated for each Dealership will drive the standards for land and building size, showroom vehicles, service bays, parts storage, etc. These standards will be the baseline for GDSI 2.0 discussions.

### 2. Image Compliance

The existing physical condition of the Dealership and the capacity needs of today will be key drivers in the expected GDSI 2.0 completion timeline. Addressing sales and service areas in parallel will lead to cost efficiencies.

As the GDSI 2.0 design team engages in discussions about the renovation or construction of a Dealership, they will work with the Dealer to provide the best solution that provides GDSI 2.0 program compliance based on the location, land and lot size. In addition, the team will focus on providing a design that allows for the best Customer Experience possible on all fronts (Sales, Service, Parts, and customer-specific amenities).





**SURVEY PROCESS**

All GDSI 2.0 dealers, for both new-build and remodeled stores, will follow the same process for implementing the GDSI 2.0 image. The following steps will be followed to ensure a consistent application of image elements and flow of information between HMA Survey Vendor, HMA National office and HMA Regional offices.

**ENROLLMENT**

- HMA Regional office to send Dealer Brand Form (DBF) to Dealer for signature
- Regional office to forward signed DBF to National office
- National Office to forward DBF to HMA Survey Vendor with approval to proceed
- HMA Survey Vendor to contact Dealer and schedule survey and consultation
- Dealer to provide HMA Survey Vendor CAD files of the building plans in advance of the on-site consultation

**SURVEY / CONSULTATION**

- Day One:
  - Initial survey of site and existing building, if applicable.
  - Discussion with the Dealer to review program requirements:
    - Building size per planning guide
    - Architectural design, exterior and interior finishes
    - Exterior Signage and Interior Brand Elements
    - Furniture and Equipment

- Day Two:
  - Review design recommendations and obtain Dealer's feedback
  - Discuss next steps & timelines

**FINAL PRESENTATION**

Required: Dealer, Local Project Architect and / or General Contractor, HMA Regional Representative and HMA Survey Vendor.

- Review DID Deliverables:
  - Design Intent Drawings (CAD & PDF)
  - 3D interactive rendering
  - Proposal for sign package (FBOR) and Brand Book
  - Proposal for ACM package
  - Program specifications:
    - Materials / Finishes / Furniture / Lighting / EV Charging Equipment
  - CIP 2.0 proposal

Discuss ACM lead time and next steps

**10% and 75% REVIEWS**

Dealer or Dealer's Architect to submit 10% and 75% set of Construction Documents to HMA Project Management Vendor for review. Any non-compliant items will be documented and communicated to the Owner.

**CONSTRUCTION PHASE**

During construction of the project, the HMA Program Management Vendor will review progress and provide guidance as needed to the Dealer, Dealer's Architect and General Contractor.

**FINAL COMPLIANCE REVIEW**

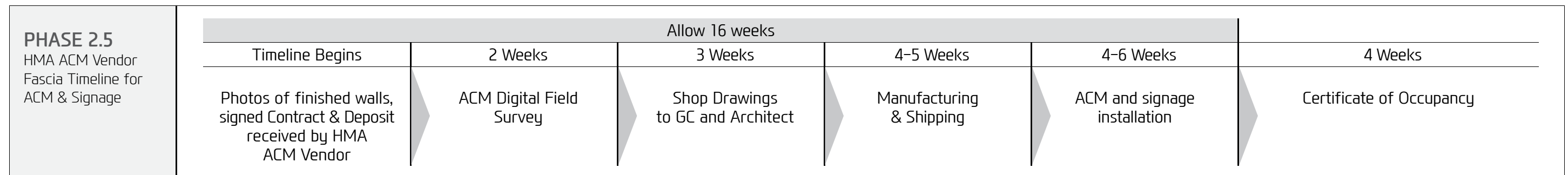
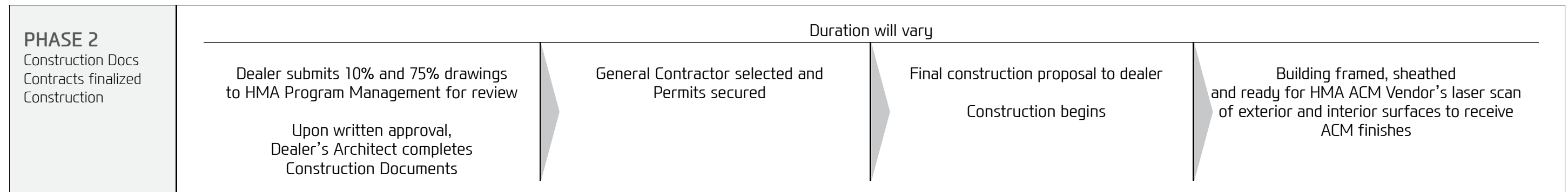
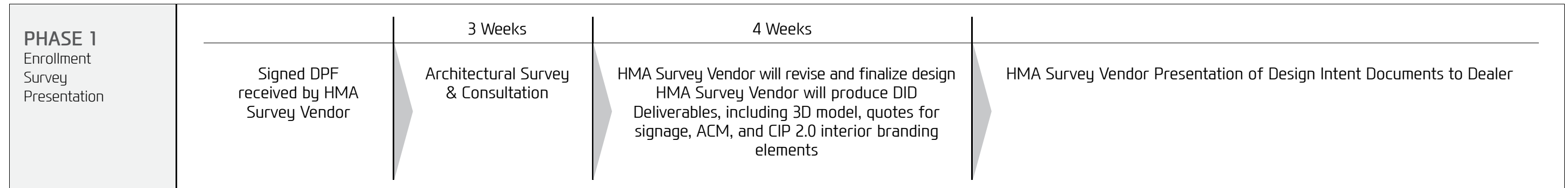
Once the construction of the project is complete, the HMA Program Management Vendor will visit the store and document compliance of the installed Branding Elements.



## GDSI 2.0 ARCHITECTURAL DESIGN & CONSTRUCTION TIMELINE

The typical GDSI 2.0 Architectural Design Process and its key milestones are described in the following diagrams. The Phase Diagrams represent New Construction and Renovation Projects. Timelines shown are approximate and will vary with local conditions, weather and permitting.

All GDSI 2.0 program requirements will be reviewed with the Dealership. In some cases, variances, may be made based on land, building, interior and exterior constraints. These variances, requested by the Dealer through the HMA Region, will be considered and approved or denied by HMA based on just cause.





## GDSI 2.0 IMAGE ELEMENTS

Refer to Exterior and Interior Components pages for more detailed descriptions

### SITE - SIGNAGE

- Freestanding pylon / monument sign
- Ancillary (as required by site and allowed by code)
  - Directional Signs
  - Certified Pre-Owned Pylon Sign
  - Hi-Rise Pole Sign

### BUILDING EXTERIOR

#### Fascia

Bronze "Shaped Sky" ACM Fascia at Showroom and Service Drive

#### Showroom Glazing

Structural silicone glazing (S.S.G.) curtain wall system at Showroom

#### Showroom Walls

ACM/EIFS/Stucco- consult with finish recommendations

#### Entry Element

with illuminated chrome logo letterset

#### Building-mounted Signage

Showroom Fascia

Hyundai Symbol & Logo - chrome

Dealer name - white

Entry Element

Hyundai Symbol & Logo - chrome

(integrated in ACM)

Service Fascia

Hyundai "Service" Letters and Directional Arrows

### BUILDING INTERIOR

#### Shaped Sky Ceiling within the Showroom

Min. 30% of showroom ceiling

#### "Vertical Green" Inclined Columns

Set in River Rock Base

#### C.I.P. 2.0 - Interior Branding Elements

Reception Desk and Brand Wall, Illuminated Graphics and Merchandising Elements

#### Floor Tile and Interior Finishes

Approved locations, sizes, colors and orientation

#### "Lead Car Zone"

Vehicle display pad





## SITE REQUIREMENTS

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
Site Entrances	The Main Site Entrances must be clearly marked and provide direct access to the Service Drive and Customer Parking. The primary Pylon/Monument Sign is to be located directly adjacent to the Main Entrance. Incorporate a Feature Vehicle Display Pad adjacent to the Main Entrance. Safe and convenient customer access should be available from both directions via deceleration lanes, curb cuts and/or median cuts. See Design Manual, Section 2.3, 2.6 and 5.2.	●	●
Feature Vehicle Display Pad	Locate hexagonal Vehicle Display Pad near site entrances, adjacent to the pylon/monument signs and/or along the front row to maximize visibility. Utilize up-lighting and low plantings to accentuate views. Placement and details must be as specified in the Design Manual, Section 2.6.	●	⊙
Designated Sales Customer Parking	An area directly adjacent to the Showroom must be designated for Customer Parking. This parking area should be clearly visible from the Main Site Entrance and/or the access driveway. If it is not clearly visible, it must be identified via Directional Signage. Provide handicapped-accessible parking in accordance with local code. All Customer Parking areas should provide clear, safe, and easy customer access to the Showroom entrance via sidewalks, ramps, display pad, etc. See Design Manual, Section 2.5.	●	●
Designated Parts & Service Customer Parking	An area near the Service and Retail Parts access doors must be designated for Customer Parking. This Parking should be clearly visible from the access driveway or identified via Directional Signage. All Customer Parking areas should provide clear, safe, and easy customer access to the designated entrance via sidewalks, ramps, etc. See Design Manual, Section 2.5.	●	●
Landscaping	Locally suitable, low evergreen plantings should be utilized around the Showroom, in the Vehicle Display Area and adjacent to all customer walkways. Select species that will not block visibility of the vehicles and facility or become a maintenance issue. If trees are required by local code, utilize evergreens, and locate at site perimeter whenever possible. Avoid the use of species that release sap or drop leaves seasonally. Thick-branched, thorny or fruit-bearing trees are prohibited. Sod all lawn areas and maintain positive drainage. Slightly mound islands at ½" per 12" run. Site irrigation should be considered.	●	●
Site Lighting	Site lighting should be designed to maximize brightness levels allowable by local code. Pole-mounted, energy efficient fixtures should be used to highlight vehicle display and provide for the safety and security of customers viewing vehicles at night. All site lighting poles and heads are to be finished a Bronze color. Special care should be taken with the placement of lighting near the front elevations and pylon signs to make sure that branding and signage elements are not blocked or negatively impacted by lighting or poles. Lighting levels and placement must be as specified in the Design Manual, Sections 5.2 and 9.2.	●	●
Paving, Curb & Gutters	The Vehicle Display Lot must be paved with asphalt or concrete. All drive aisles, parking spaces and ground directions must be clearly labeled with high visibility white paint. Standard 6" high concrete curbing or curb & gutter is required adjacent to buildings and at all walkways, islands and edge of pavement to protect these areas and control the follow of surface water runoff.	●	●
Public Electric Vehicle Charging Stations	Public Electric Vehicle (EV) Charging Stations are required in all ZEV states and recommended for all dealers. These Chargers should be visible to public roadways and easily accessible to customers. Utilize ground-mounted yokes or Hyundai custom wrap to clearly identify the Chargers. If Public EV Charging Stations are not installed, the dealer must install two 3" conduits for future use. See Design Manual, Sections 4.38-4.39. <u>Note:</u> Optional installation for non-ZEV states, dealer is to at least pre-wire for future installation.	⊙	⊙
Walls and Fencing	If incorporated, all Walls and Fencing must be in good repair. Fence should be standard galvanized or black vinyl finish. Walls should be painted "Antler Velvet" to coordinate with building. Barbed Wire is prohibited.	⊙	⊙

GDSI 2.0  
INTRODUCTION

**SITE**

FASCIA &  
EXTERIOR

SHOWROOM  
& SALES

VEHICLE  
DELIVERY

SERVICE  
DRIVE

CUSTOMER  
LOUNGE

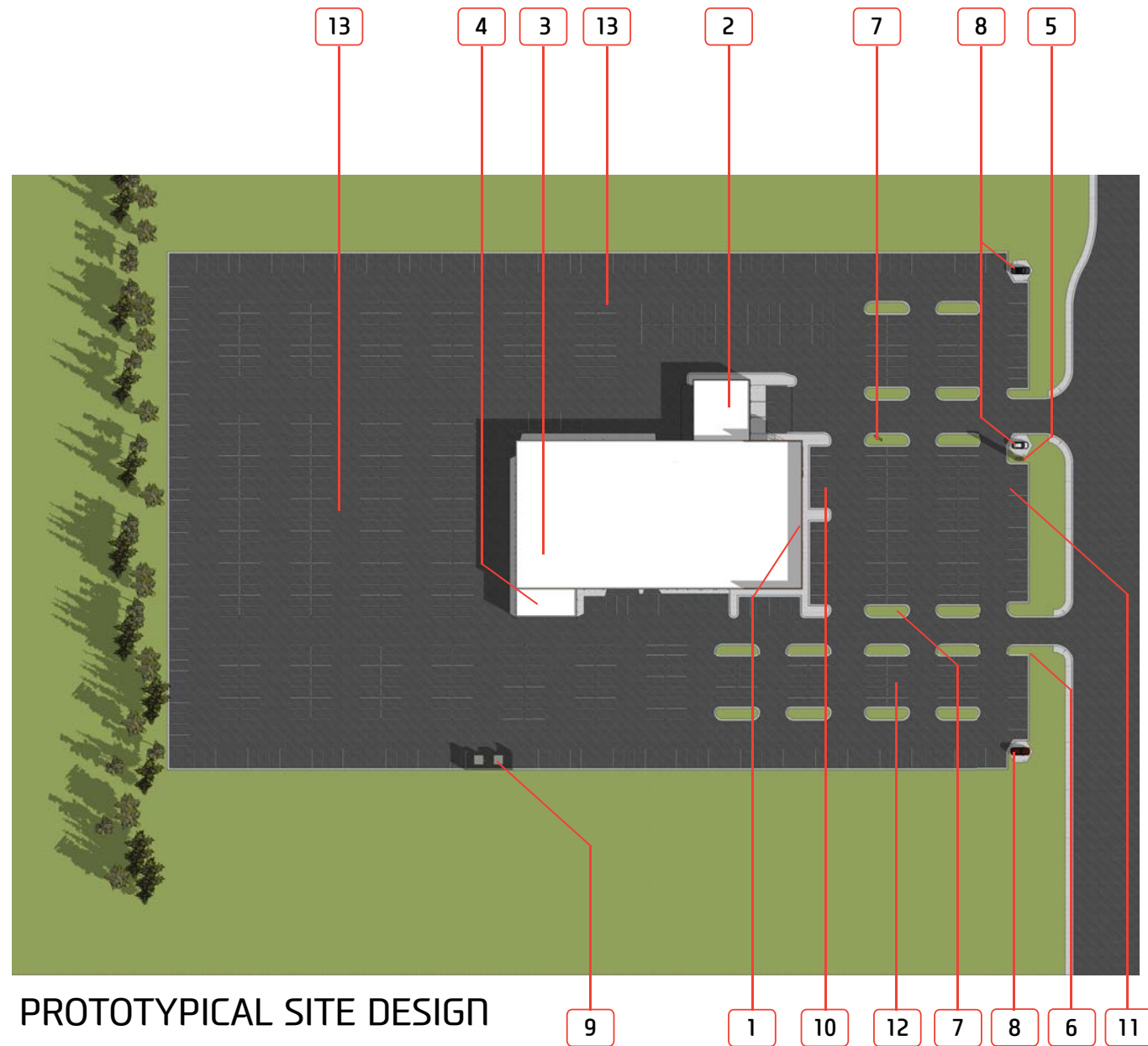
SERVICE &  
PARTS

NON  
CUSTOMER

PROTOTYPE  
DESIGN

SIGNAGE





PROTOTYPICAL SITE DESIGN

- |  |                                  |
|--|----------------------------------|
| 1. MAIN SHOWROOM ENTRANCE                | 8. HEXAGONAL VEHICLE DISPLAY PAD |
| 2. SERVICE DRIVE                         | 9. TRASH ENCLOSURE               |
| 3. SERVICE BAYS                          | 10. CUSTOMER PARKING             |
| 4. AUTOMATED CAR WASH                    | 11. VEHICLE DISPLAY PARKING      |
| 5. PYLON SIGNAGE                         | 12. USED VEHICLE PARKING         |
| 6. (OPTIONAL) USED VEHICLE PYLON SIGNAGE | 13. VEHICLE INVENTORY PARKING    |
| 7. DIRECTIONAL SIGN                      |                                  |

## SITE PLANNING

The site should be strategically organized to support the full breadth of dealership operations. Two important influences in regards to planning are **lot size** and **lot frontage**. Lot size affects organization and the amount of vehicle inventory that can be carried on site at any given time. This is particularly critical for pre-owned vehicle inventory. Lot frontage is another critical, and often underestimated, influence on site organization and efficiency.

**Site circulation**, both vehicular and pedestrian, are important to the safe and efficient operation of an automotive dealership facility. Furthermore, lot access with respect to the main fronting street is key in planning. Ideally, the dealership should be accessible from both directions of traffic on a two-way fronting street. Corner sites fronting two or more streets provide tremendous opportunity in terms of **exposure** and **ease of access**.

A **turn or relief lane** on the street provides an excellent opportunity for safe turns into or out of the dealership. Difficult turns into or out of the site discourage customers from visiting the dealership. Center islands or medians on the fronting street may restrict access to the site. Municipal restrictions, such as right-in / right-out driveways, can further restrict access.

A **minimum of two entrance driveways** is preferable. This may not be possible in some instances due to inadequate lot frontage, municipal requirements, proximity to a nearby intersection or other restrictions. One entrance should ideally be oriented toward service-related traffic. The other entrance can be geared to handle sales-oriented traffic.

**Curbing and traffic islands** should be provided at the front portions of the dealership where the customer might reasonably be expected to circulate. Curbing gives a sense of order and guides the customer through the site.

**Site Security may require the use of fencing, walls, or railings.**

**Fencing** should be galvanized or vinyl chain link, stained wood, or pre-fabricated vinyl with matching gates and hardware. Acceptable colors include black and brown ("Kaffee"). The use of barbed-wire is prohibited.

**Walls** should be concrete block with stucco, split face block, or reinforced concrete. Acceptable colors to match building exterior wall specifications (tan).

**Railings** and security guardrails should be galvanized steel or wrought iron. Acceptable colors include black and brown ("Kaffee").



## PROTOTYPICAL PARKING CONFIGURATION

**New Vehicle Display** should be given direct exposure to the street frontage and be located directly in front of the Showroom. Used Vehicle Display should also be given direct exposure to the street frontage and be located to one side of the building. Depending on frontage, a balance of new and used inventory are to be displayed. Visibility can be greatly enhanced with the use of vehicle display pads.

**Parking should be oriented perpendicular to the street frontage.** Parking spaces are typically **9' by 18'**, but do vary slightly by municipality according to local codes. Primary drive aisles are typically 30' wide and secondary drive aisles are 24' wide. Drive aisles should provide easy access from the frontage street to sales and service parking. The width and location of drive aisles and curbing are also influenced by the design and location of fire access routes and truck traffic through the site. Check with the local municipal requirements.

Angled parking is less efficient and relies on one-way circulation throughout the parking lot, so it should be avoided.

Limitations on the size of the dealership lot will impose restrictions on the amount of vehicle inventory that can be carried on site. The vehicle storage area should be large enough to maintain adequate inventory of vehicles for the proper operation of the dealership. The number of vehicles accommodated on site can be increased by the use of **tandem or stacked parking**, particularly toward the rear of the property.

**Work in Process (WIP) parking** minimally should be 1.0 spaces per Service Bay.

**Service Delivery parking** should equal 2.0 spaces per Service Advisor and must be convenient or adjacent to Service Reception.

Security can be increased with the use of fencing, gates and adequate illumination levels. **Refer to the Facility Size Standards to determine the number of parking spaces that are required.**



## Service Access

The Service location must work functionally with related spaces in building and site.

The Service drive should be located so that the entrance is visible and immediately accessible from an entrance driveway. Access should be easy and direct.

The **service approach should also be clearly visible from the street.**

Hence, building signage is a requirement. As a customer is driving past the dealership and turning into the property, they are already trying to orient themselves visually as to where they should proceed on-site.

Proper consideration must be given for “stacking” of vehicles in front of the service drive-thru doors as line-ups may appear at peak times during the day. Stacked vehicles should not interfere with vehicle circulation within the dealership site.

Congestion should be avoided on site, particularly toward the street front, as it undermines an image of order and cleanliness.



Service Access

Service & Parts Parking

## Customer Parking

**Dedicated Sales customer parking spaces** must be set aside in adequate numbers. Available customer parking is critical. Experience and our understanding of human nature tells us that customers who are unable to find parking are likely to leave without ever getting out of their vehicles. As such, the Facility Size Standards indicate the number of spaces required given your planning volume.

**Customer parking should be located close to and within sight of the main entrance to the dealership facility.**

Customer parking should be clearly visible from the access driveways. These spaces should also be clearly marked for identification.

Disabled parking should be readily available according to the local municipal requirements. A barrier-free path of travel should be provided into the dealership and throughout customer areas within the dealership in accordance with local building codes and ordinances.

**Dedicated Service and Parts customer parking** should be provided nearby as some customers are intimidated by the service drive-thru reception experience. Some prefer to park their vehicles and then proceed to the service write-up. Other customers might need to pick up a part or meet someone in the service area. These parking spaces should be clearly identified with approved exterior site signage.



Customer Parking

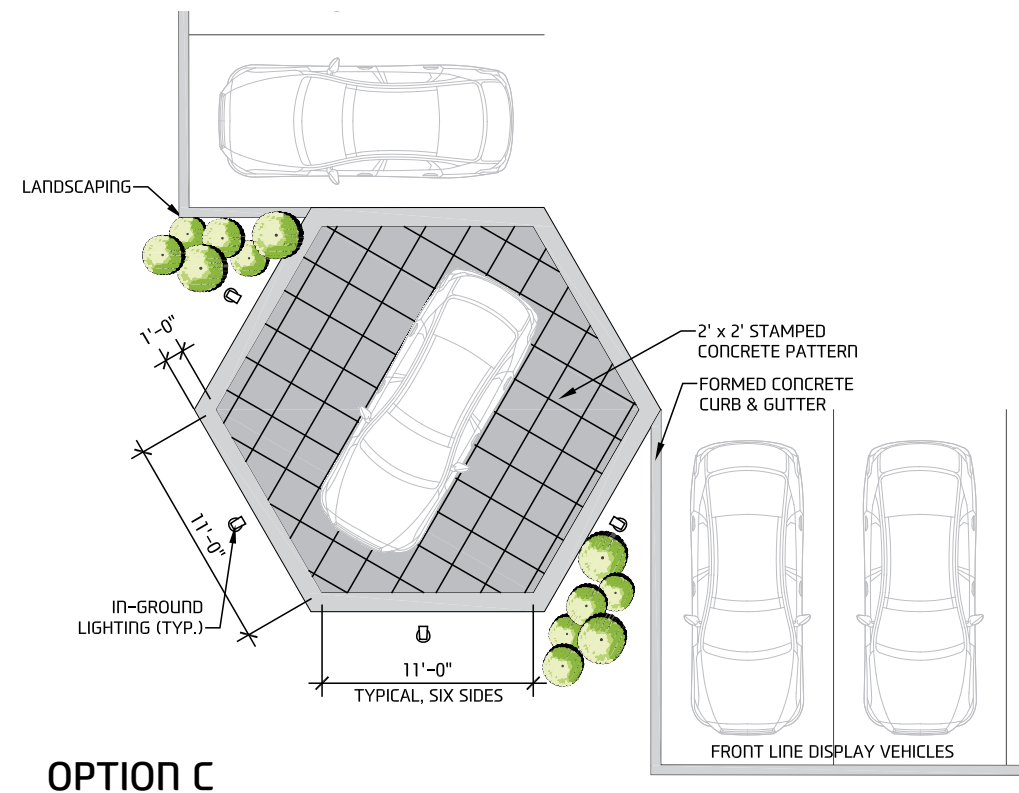
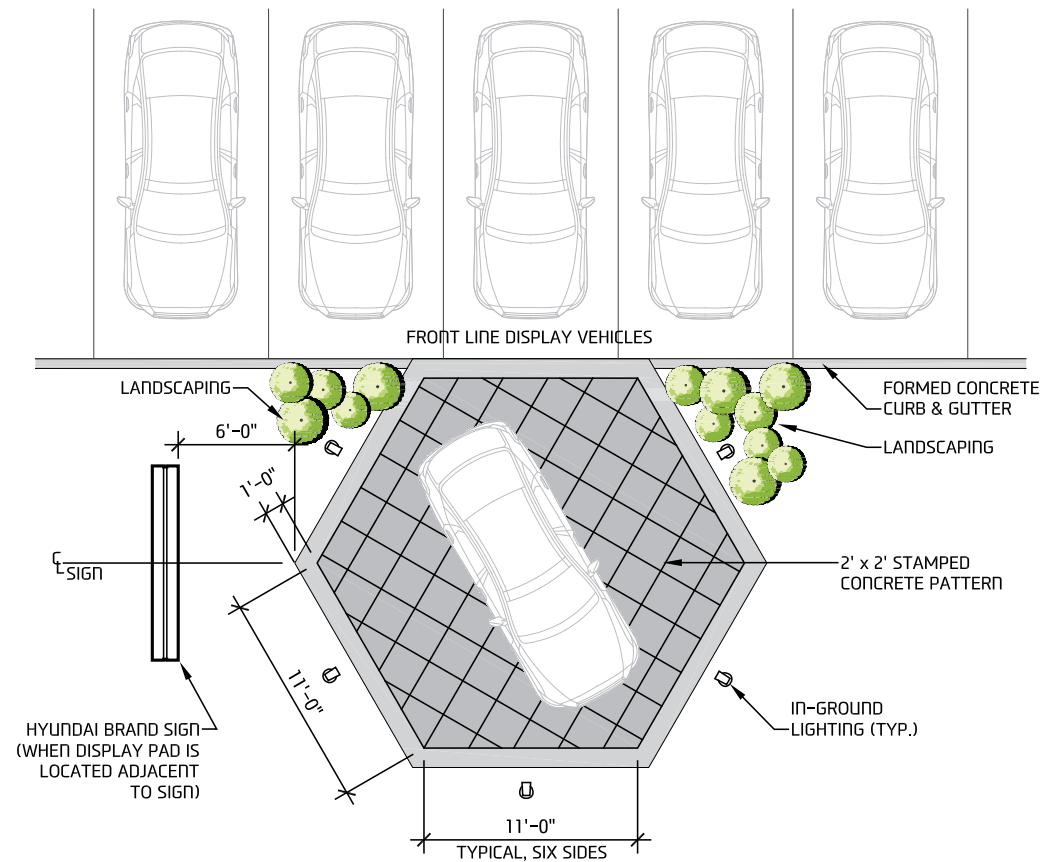
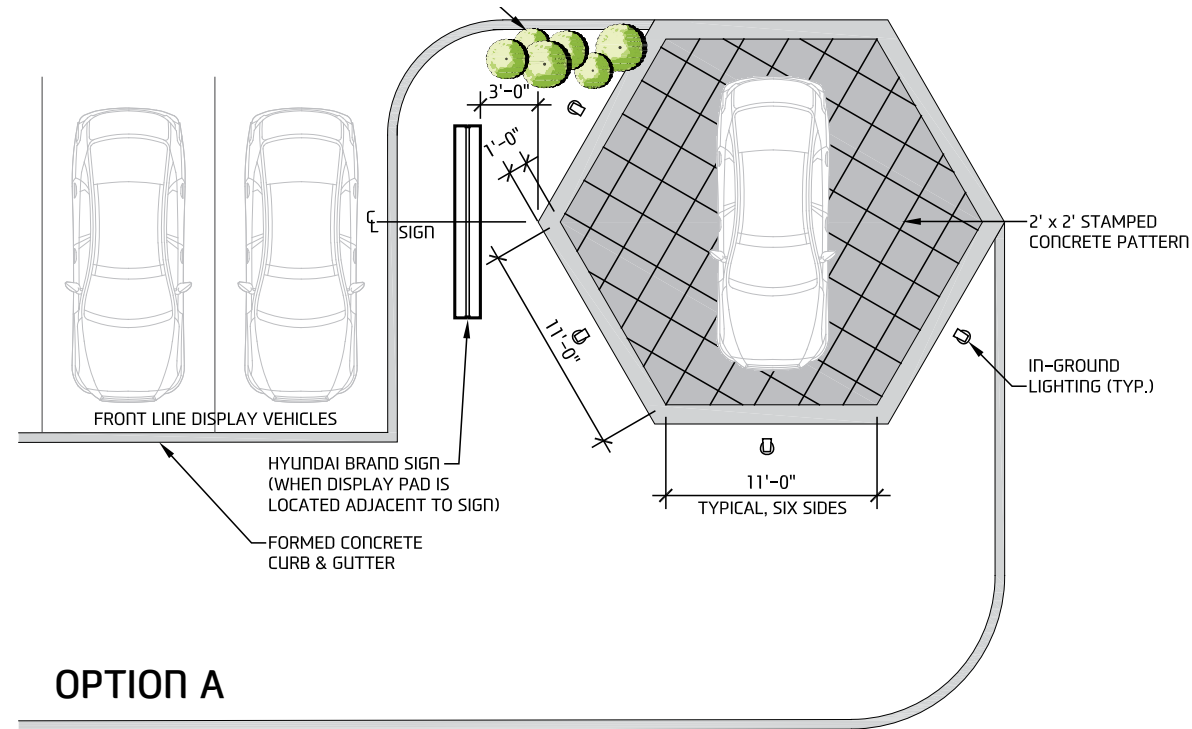
Sales Parking



SITE DESIGN  
Site Planning

2.5

09/30/2020



**OPTION B**

### VEHICLE DISPLAY PAD

Locate display pads along the front line of display vehicles to attract the attention of potential sales customers.

#### Locations & Features

- Possible locations for Display Pads include: the Main Customer Entry Drive, adjacent to the Hyundai Brand Sign, and at the corners of the dealership property.
- Display pad is hexagonal in shape, sized as indicated above, constructed with poured-in-place concrete with a stamped or scored surface as shown. Install in-ground exterior uplighting at the perimeter of Display Pad as shown.
- Concrete finish may be colored to match or complement the GDSI 2.0 color scheme.





The Hyundai GDSI 2.0 Image Program utilizes state of the art materials and architectural design concepts to create a unique and innovative retail experience.

The program relies on the consistent application of the exterior architectural features, displayed here for all GDSI 2.0 dealerships.

- 1 - Shaped Sky Fascia
- 2 - Exterior Wall Finish
- 3 - Entry Element
- 4 - Showroom Glazing
- 5 - Brand Signage

- 6 - Dealer Identity Signage
- 7 - Service Reception and Signage
- 8 - Clear Anodized Doors and Windows
- 9 - Service Lane Directional Arrows



## FASCIA & EXTERIOR FINISH REQUIREMENTS

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Shaped Sky Fascia System</b>	The Shaped Sky Panel System is the embodiment of the Hyundai Brand and it must be applied according to strict standards. The two-part ACM Rain Screen System must be manufactured and installed by approved HMA ACM Vendor. The Shaped Sky Fascia System can only be used at the Showroom and Service Drive Fascias and Soffits in accordance with the Design Manual. No deviations to location, proportions, finishes, materials, colors are allowed. See Design Manual, Sections 3.1-3.4 and 3.6. <i>Note:</i> Exterior Soffits deeper than 6'-0" may be finished with stucco, EIFS or 6" metal soffit panels (flush solid). Finish to match Sherman Williams "Antler Velvet".	●	●
<b>Step-down Fascia</b>	Installation of the Step-down Fascia design is required for New Build Facilities and preferred in all Renovation projects. The Step-down typically maintains a 40:60 ratio across the showroom. The Fascia runs across the top of the Showroom glass and, at a minimum, the side fascias must extend to the rear wall of the Showroom. The high point of the fascia is always above the Service Drive Area. A straight fascia must also extend across the entire face of the Service Drive and turn down the side elevation a minimum of 5'-0". Fascia design and proportions must be as specified in the Design Manual, Sections 3.4 and 8.3.	●	⊙
<b>Straight Fascia</b>	In Renovation Projects, installation of the Straight Fascia design is acceptable, but the Step-down Fascia design is always preferred. The Fascia runs across the top of the Showroom glass and, at a minimum, the side fascias must extend to the rear wall of the Showroom. The height of the fascia must not exceed 50% of the overall height of the showroom's front elevation. A straight fascia must also extend across the entire face of the Service Drive and turn down the side elevation a minimum of 5'-0". Fascia design and proportions must be as specified in the Design Manual, Section 3.5 and 8.3.	○	●
<b>Structural Silicone Glazing Curtain Wall System (SSG)</b>	An SSG Curtain Wall System is required to maintain a clean, consistent, and contemporary Showroom appearance. The SSG Curtain Wall System glass must extend from the finished floor to the ceiling and the full width and depth of the showroom. This SSG Curtain Wall System must not have exposed vertical mullions on the exterior face of the glass; however, the required horizontal cover strip must run across the top of the Entry Element and be finished in clear anodized aluminum. All outside corners of the SSG Curtain Wall System must be butt joint glass; not capped. All interior-set mullions must have a clear anodized aluminum finish. Storefront systems with exposed exterior mullions (vertical and/or horizontal) are prohibited. Punched openings ("windows") within the Showroom space are prohibited. Dimensions, materials, proportions, and placement of Entry Element must be as specified in the Design Manual, Section 3.1-3.2 and 3.14	●	●
	<i>Note:</i> In a Renovation Project, the required horizontal cover strip can be aligned with the top of the Entrance Doors (see "Entry Element" for details). All existing columns must sit behind the line of the storefront glass (i.e., the column/wrap shall not be exposed on the exterior face or interrupt the Storefront System) and must be wrapped and grouped with other columns to create Inclined Column clusters. Design Manual, Section 3.12	●	●
<b>Storefront Glazing</b>	In all New Build and Renovation Projects, all showroom and customer-facing exterior glazing must be installed in strict accordance with standards defined in Design Manual, Section 3.14. Variances to the system, glazing, assembly, tint, mullions, trim and other established standards are prohibited. Approved glazing configurations are limited to the following: <ul style="list-style-type: none"> <li>• Preferred: ¼" Solarban 72 on Starphire (2)   Air Cavity 1/2"   ¼" Clear</li> <li>• Option 1: ¼" Solarban 72 on Starphire (2)   Air Cavity 1/2"   ¼" Starphire</li> <li>• Option 2: ¼" Solarban 72 on Acuity (2)   Air Cavity 1/2"   ¼" Acuity</li> </ul> Only pocketed, electric roll-down blinds are permitted. Applied films, aftermarket tinting, interior blinds and/or drapes are prohibited. Posters, banners, sales materials, temporary signs, etc., must not be affixed to the storefront glass or glass doors unless part of a current HMA Marketing campaign.	●	●

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## FASCIA & EXTERIOR FINISH REQUIREMENTS - CONTINUED

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Entry Element</b>	Intended to clearly identify the primary customer entrance, the Entry Element is required. It must be located on the front elevation of the Showroom and integral to the curtain wall glass. Entry Element framing by the local contractor; bronze flat-panel ACM cladding and illuminated, stacked Hyundai Logo Set on the left leg is manufactured and installed by HMA ACM Vendor. Interior face can be matching ACM or painted drywall. Entry Doors to be 7'-0" or 8'-0" tall. Dimensions, materials, proportions, and placement of Entry Element must be as specified in the Design Manual, Section 3.10-3.12 <u>Note:</u> If the low point of the fascia is less than 12'-0" AFF, the glass transom above the Main Entrance Door should be removed and the horizontal trim strip should be lowered to align with the frame at the top of the Entry Doors.	●	●
<b>Exterior Wall Finishes: Customer Facing</b>	ACM, EIFS and stucco are all acceptable exterior finishes for customer-facing areas of the dealership. These areas include the Showroom and Service Drive. Color, finish and reveal pattern to match exterior wall standards specified in the Design Manual, Sections 3.8-3.9. <u>Notes:</u> Shaped Sky Panels and bronze ACM are not to be used on wall surfaces below the fascia line. 4'-0" contrasting horizontal base and "Kaffee" paint color are prohibited on customer-facing walls. Contrasting horizontal base must stop at Parts Delivery Area and behind Service Drive Area.	●	●
<b>Exterior Wall Finishes: Non-Customer Facing</b>	ACM, EIFS, stucco, hollow concrete block, split-face concrete block, tilt-wall concrete panels and corrugated metal are all acceptable exterior finishes for non-customer-facing areas of the dealership. These areas include the Parts and Service Departments, car wash, rear face of Service Drive, trash enclosures, perimeter security fence/walls and other secondary structures. 4'-0" contrasting horizontal base and "Kaffee" paint color are meant to hide prints and scuffs in work areas. Contrasting horizontal base must stop at Parts Delivery Area and behind Service Drive Area and are prohibited on customer-facing walls. Color, finish and reveal pattern to match exterior wall standards specified in the Design Manual, Sections 3.9.	●	●
<b>Non-Compliant Exterior Branding Elements</b>	Any and all branding elements that are not compliant with current GDSI 2.0 Branding Standards, from prior HMA branding programs (GSP, GEN2, GEN1, etc.) and/or from prior manufacturers are prohibited and must be removed from the site and exterior building. This includes signage, materials, finishes, colors, etc. <u>Note:</u> If the Hyundai site is shared with another manufacturer ("Dual"), their exterior branding elements are permitted; however, their placement must be separate and distinct from the GDSI 2.0 Branding Elements.	●	●

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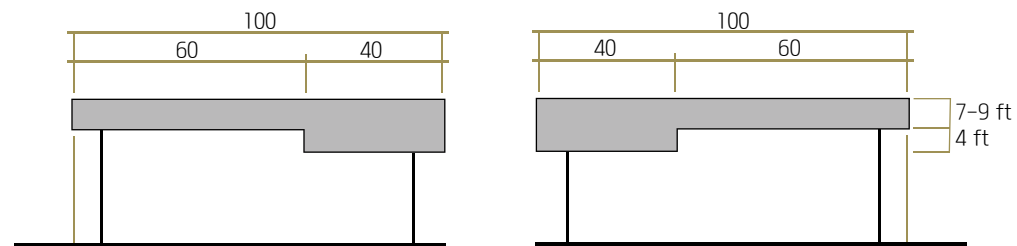


### GDSI 2.0 Concept

- The Shaped Sky's bronze color, form, and wave pattern is inspired by a cloud-filled sky.

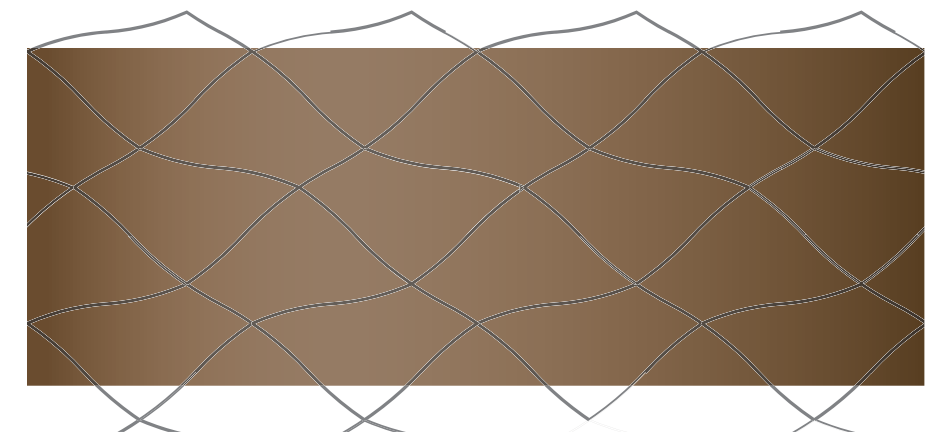
### Form

- The proportion, step-down, and the overhang of the Shaped Sky fascia at the showroom is illustrated below.
- The Shaped Sky showroom facade horizontal ratio is ideally 40:60



### “Shaped Sky” Pattern

The “Shaped Sky” Pattern is created from the repetition of a single panel shape which is rotated and mirrored.





### Alternate Straight Fascia for Renovations

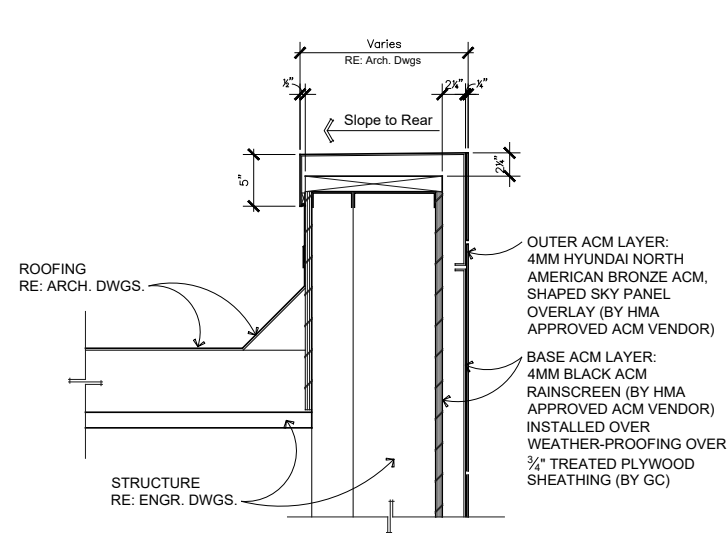
When an existing dealership facility with a more traditional showroom and fascia is renovated to GDSI 2.0, a straight fascia solution is acceptable, as illustrated here.

- The height of the Shaped Sky fascia must successfully accommodate the Hyundai Brand Mark Sign and Dealer Name, with appropriate spacing above and below the lettering as described on Page 8.2.
- The Shaped Sky showroom facade should project beyond the showroom glass as shown, providing an exterior soffit whenever possible. The soffit should also be finished with Shaped Sky panels.
- If any part of the fascia is less than 12'-0" above finished floor, the transom above the main entrance door should be removed and the Entry Element and horizontal trim pieces should be lowered to align with the header at the top of the entrance doors as per detail 9 on page 3.12.
- The entry element must be integral with the new SSG curtainwall system and all columns must sit inside the SSG system, so that the glass line is uninterrupted.
- The height of the fascia must not exceed 50% of the overall height of the showroom's front elevation.

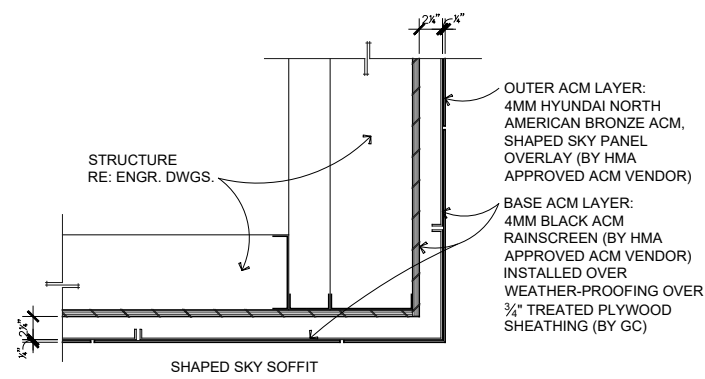


### Interior Shaped Sky Ceiling for Renovations

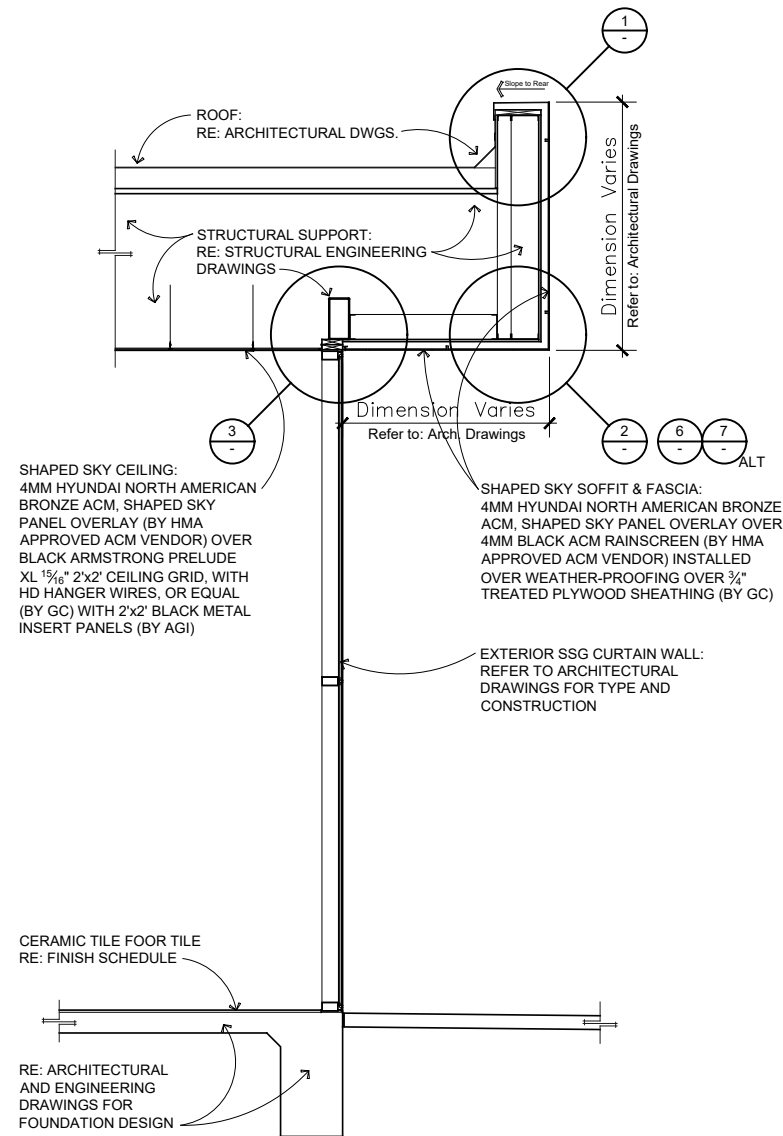
Note: At the showroom of a straight fascia building, the ceiling over the Reception Desk and Brand Wall must include a Shaped Sky tray ceiling feature as illustrated to match the width of the Entry Element. The tray will run from the exterior wall above the Entry Element to the rear wall of the showroom, with painted gypsum board bulkheads on either side of the tray as shown. Refer to details, Sheet 4.6.



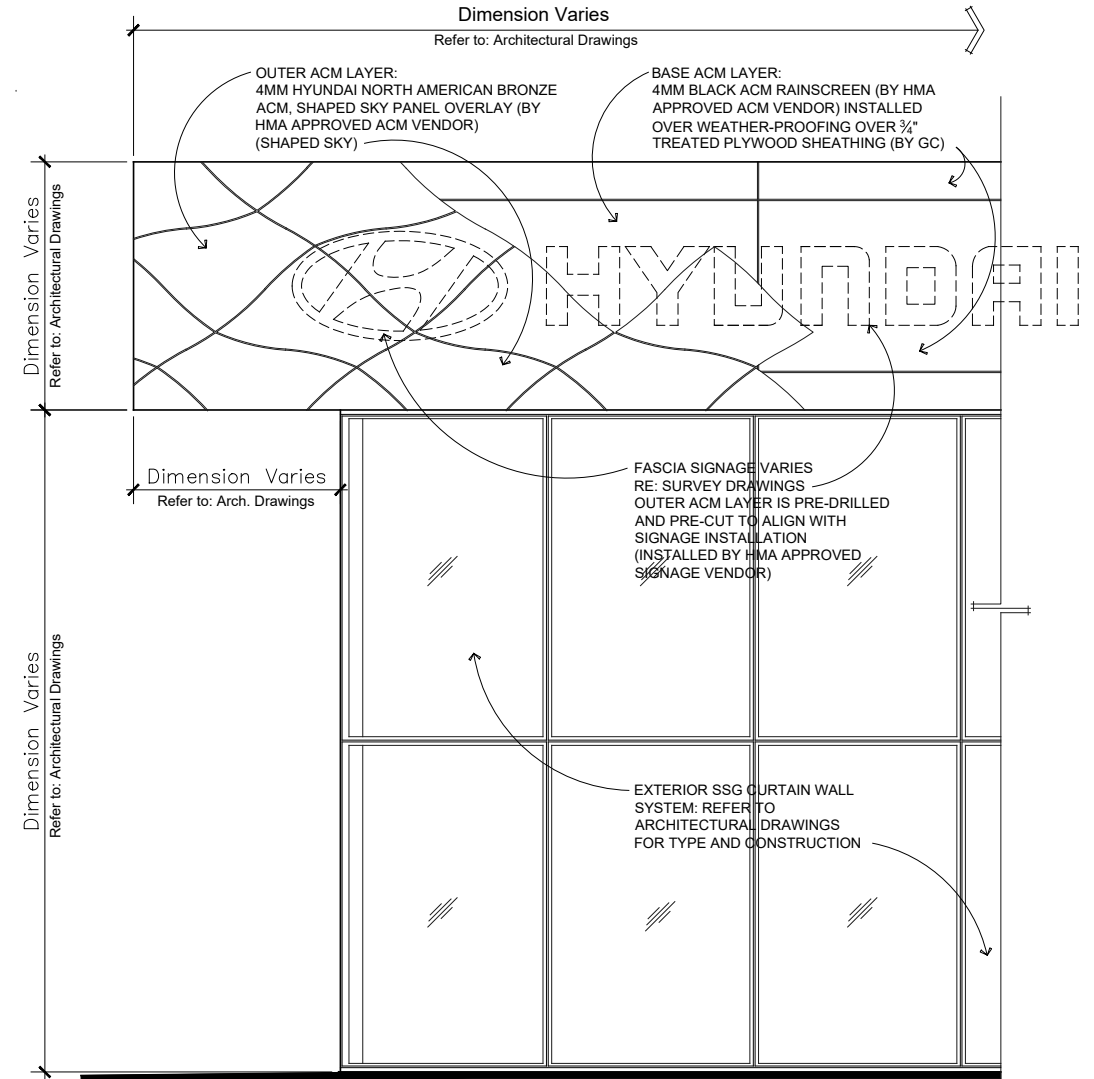
**1 Cap Diagram**  
Scale: 1-1/2"=1'-0"



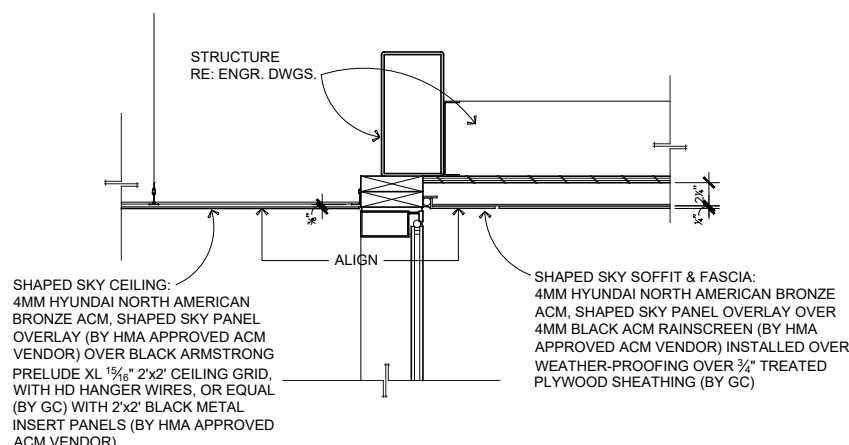
**2 Soffit Diagram**  
Scale: 1-1/2"=1'-0"



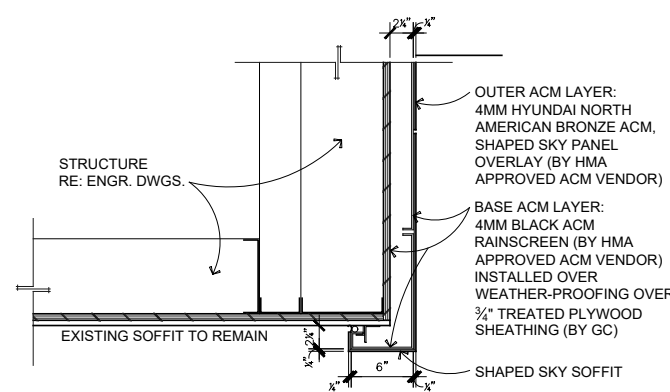
**4 ACM Fascia / Curtain Wall - Section**  
Scale: 1/2"=1'-0"



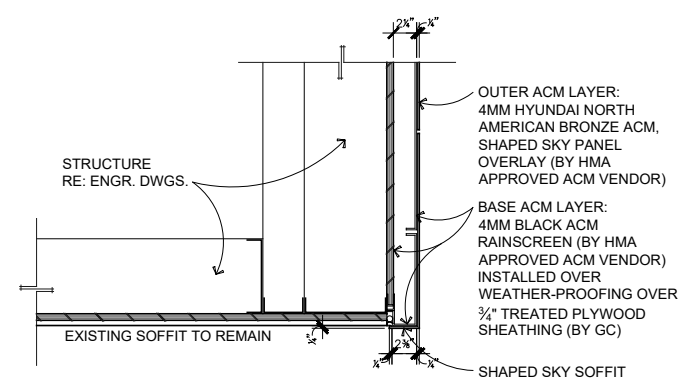
**5 ACM Fascia / Curtain Wall - Elevation**  
Scale: 1/2"=1'-0"



**3 ACM Transition Diagram**  
Scale: 1-1/2"=1'-0"

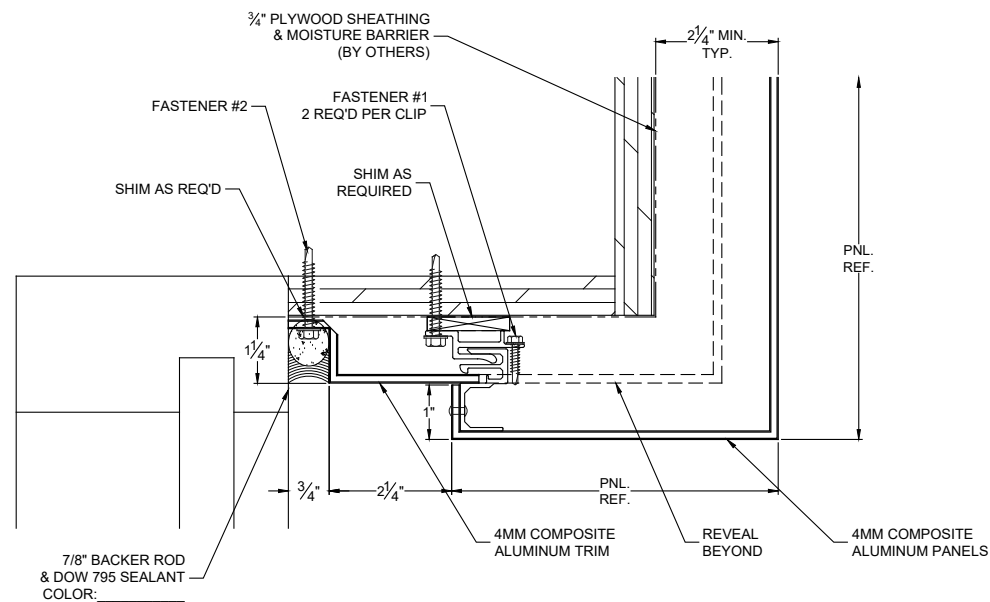


**6 ACM Alternate Soffit Detail (6" return)**  
Scale: 1-1/2"=1'-0"

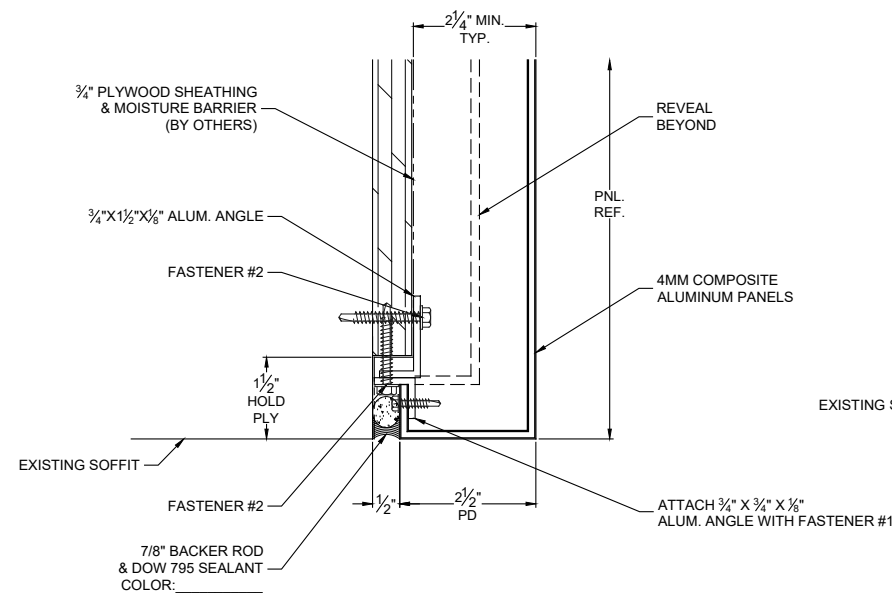


**7 ACM Alternate Soffit Detail (no return)**  
Scale: 1-1/2"=1'-0"

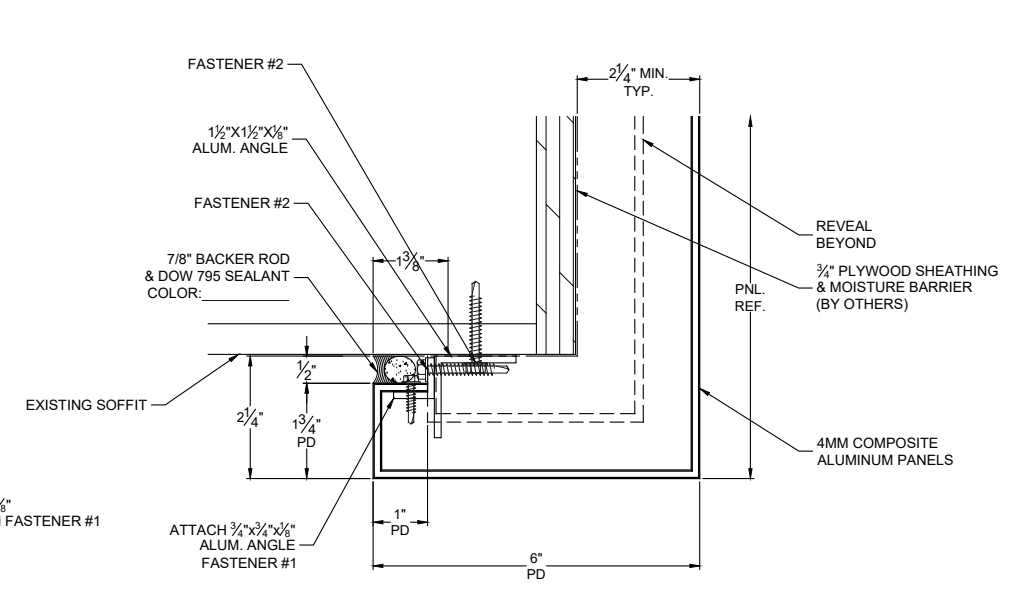




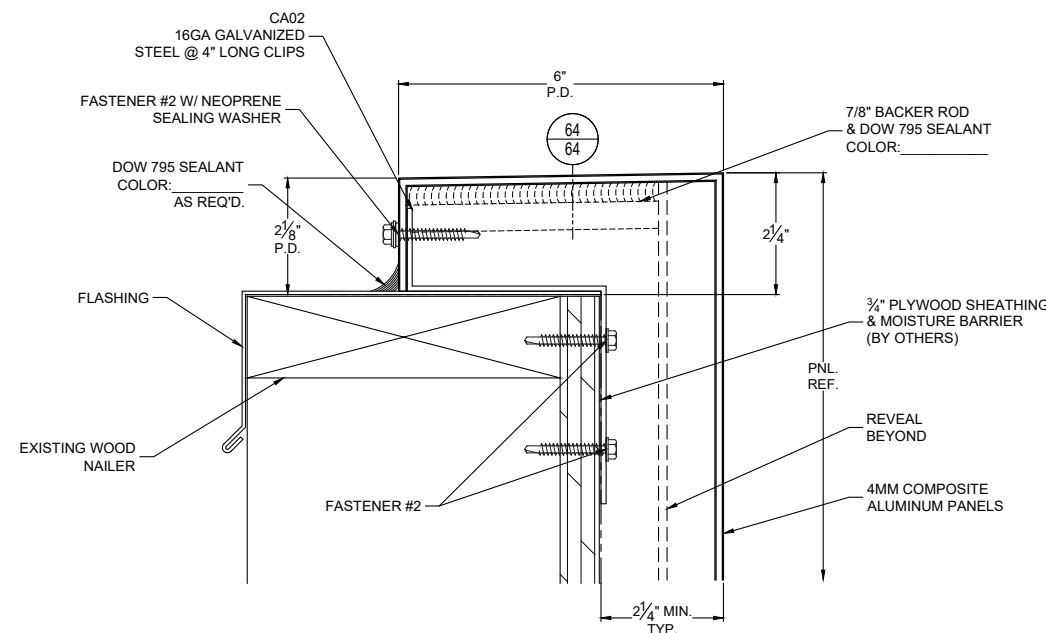
1 STANDARD SOFFIT DETAIL  
- 6"=1'-0"



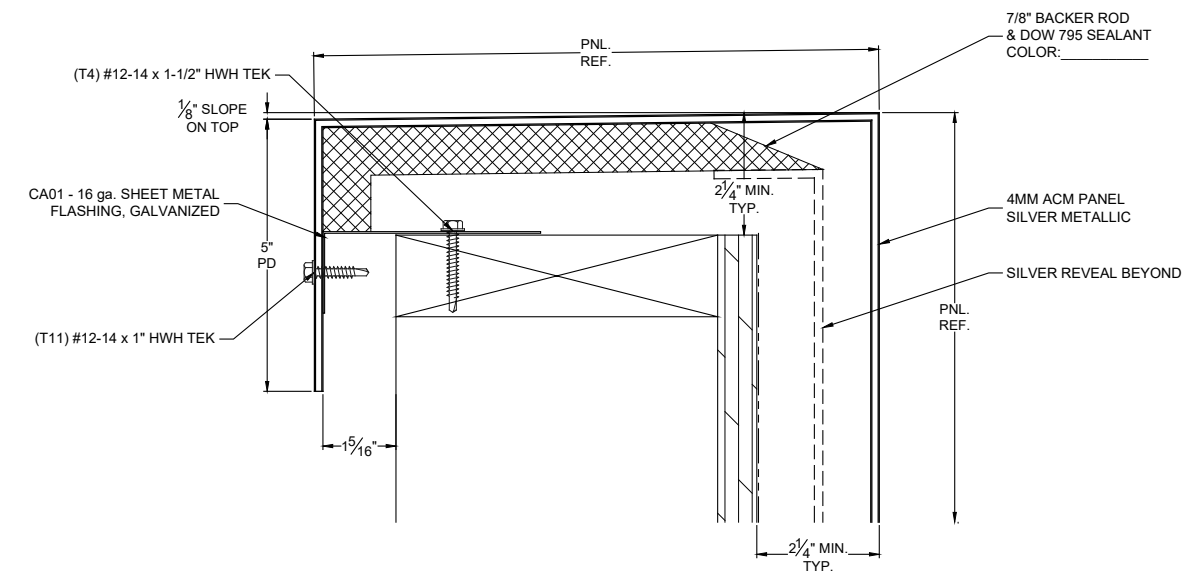
2 STANDARD SOFFIT DETAIL  
- 6"=1'-0"



3 SOFFIT DETAIL  
- 6"=1'-0"



4 STANDARD COPING DETAIL  
- 6"=1'-0"



5 STANDARD COPING DETAIL  
- 6"=1'-0"

NOTE:  
FASTENERS, SHIMS, & OTHER ACM  
COMPONENTS PER HMA APPROVED  
ACM VENDOR





#### Material Options

Refer to Hyundai GDSI 2.0 Finish Schedule for Specifications

- ACM**  
 Color: Pueblo Tan
- Stucco or EIFS**  
 Color: Antler Velvet

#### Customer Facing Exterior Walls

- ACM, stucco and EIFS are all acceptable finishes for customer-facing areas of the dealership. These areas include the Showroom and Service Drive.
- Provide 2" wide by 1" deep horizontal reveal lines 4'-0" O.C.
- Any wall mounted accessories to match the color of the adjacent wall (cameras, lights, trim rings, etc.).
- Shaped Sky panel system is not to be used on wall surfaces below the fascia line.
- 4'-0" contrasting horizontal base and "Kaffee" paint color are prohibited on customer facing walls. Contrasting horizontal base must stop at the Parts Delivery area and behind the Service Drive. (See page 3.9)



### Non-Customer Facing Exterior Walls

Exterior wall finishes, whether existing or new, shall be consistent with GDSI 2.0 colors and finishes. Material Options include:

- CMU
- EIFS
- Pre-Cast Concrete
- ACM
- Corrugated Metal
  
- These finishes also apply to any body shop, car wash, trash enclosure, perimeter security wall and other secondary structures.
  
- Provide 2" wide by 1" deep horizontal reveal lines 4'-0" O.C.
  
- Any wall mounted accessories to match the color of the adjacent wall (cameras, lights, trim rings, etc.).
  
- Shaped Sky panel system is not to be used on wall surfaces below the fascia line.
  
- 4'-0" contrasting horizontal base must stop at the Parts Delivery area and behind the Service Drive.

### ACM approved secondary color:

Pueblo Tan

### Painted Surfaces:

SW 9111 Antler Velvet

SW 2412 Kaffee (used as a 4ft horizontal base)

Refer to Hyundai GDSI 2.0 Finish Schedule for Specifications



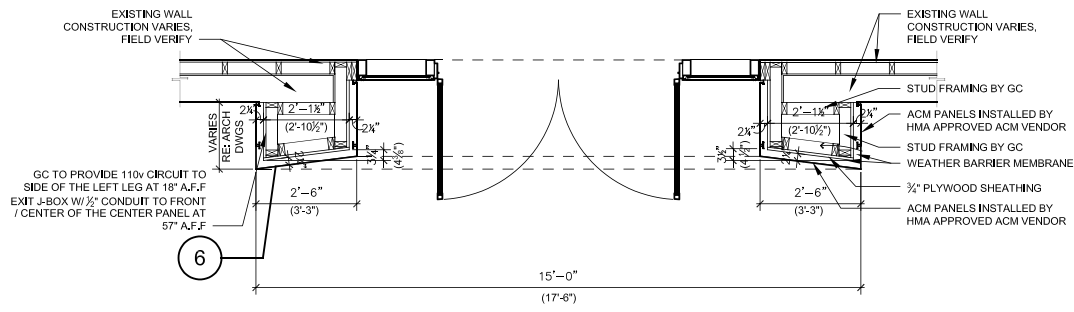
### Entry Element

- Intended to clearly identify the primary customer entrance, the Entry Element is required.
- Must be located on the front elevation of the showroom.
- Integral to the showroom glass.
- If any part of the fascia is less than 12'-0" above finished floor, the transom above the main entrance door should be removed and the Entry Element and horizontal trim pieces should be lowered to align with the header at the top of the entrance doors as per detail 9 on page 3.12.

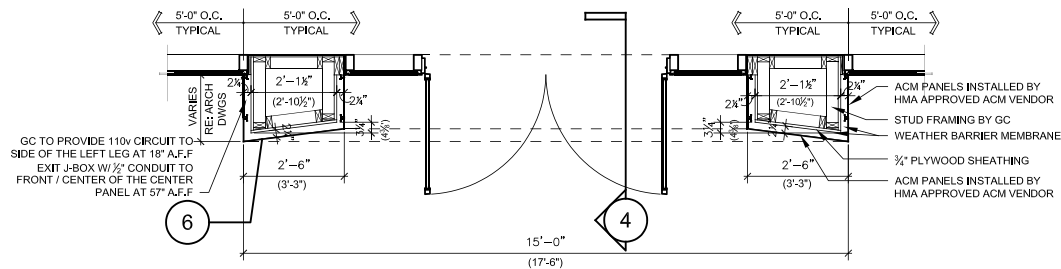
### Considerations

- Entry Element to be framed by the contractor and clad by the ACM vendor
- The integrated chrome logo and letterset are factory installed in ACM panel prior to installation. Contractor to supply power to the left leg.
- Interior finish at the entry element may be bronze ACM or painted gypsum board to match showroom color.

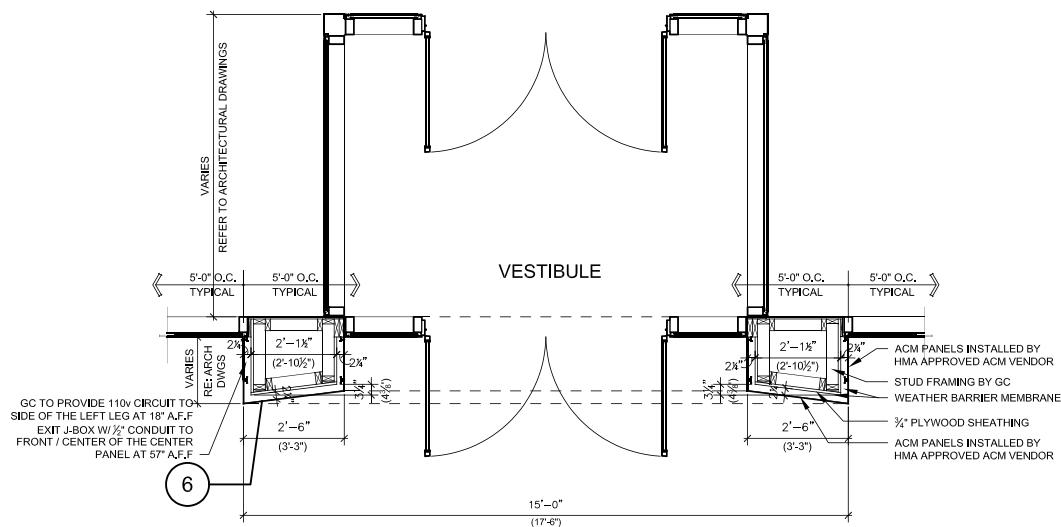




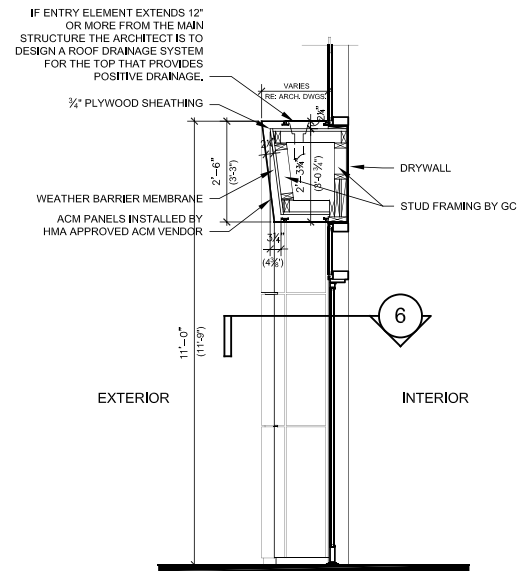
**1 Entry Element - Built-In**  
Scale: 1/2"=1'-0"



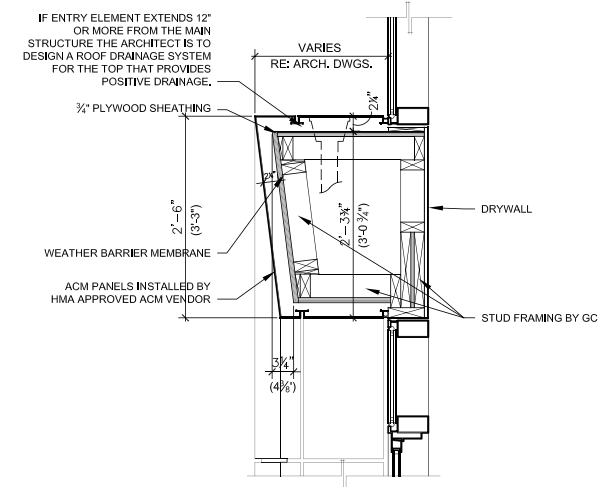
**2 Entry Element - Single Door**  
Scale: 1/2"=1'-0"



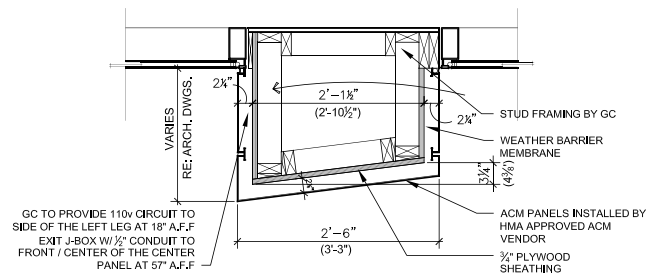
**3 Entry Element - Vestibule**  
Scale: 1/2"=1'-0"



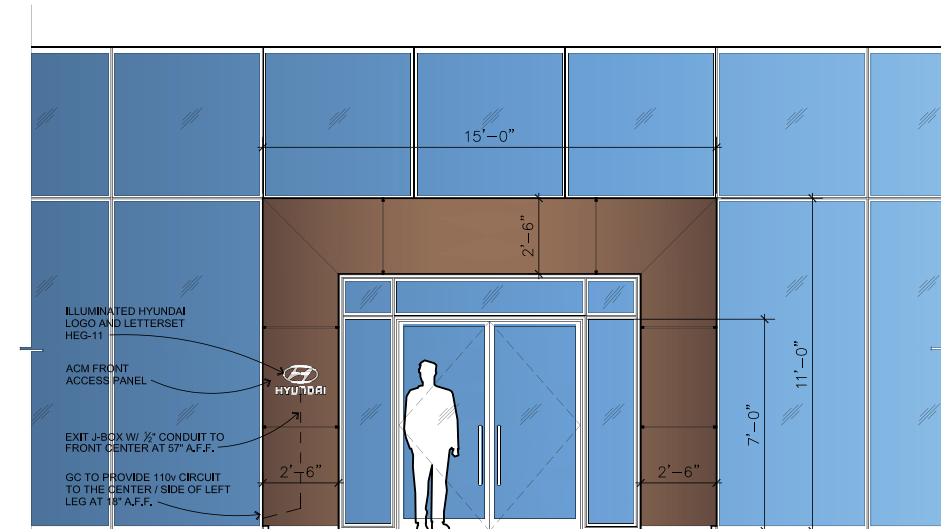
**4 Entry Element - Section at Head**  
Scale: 1/2"=1'-0"



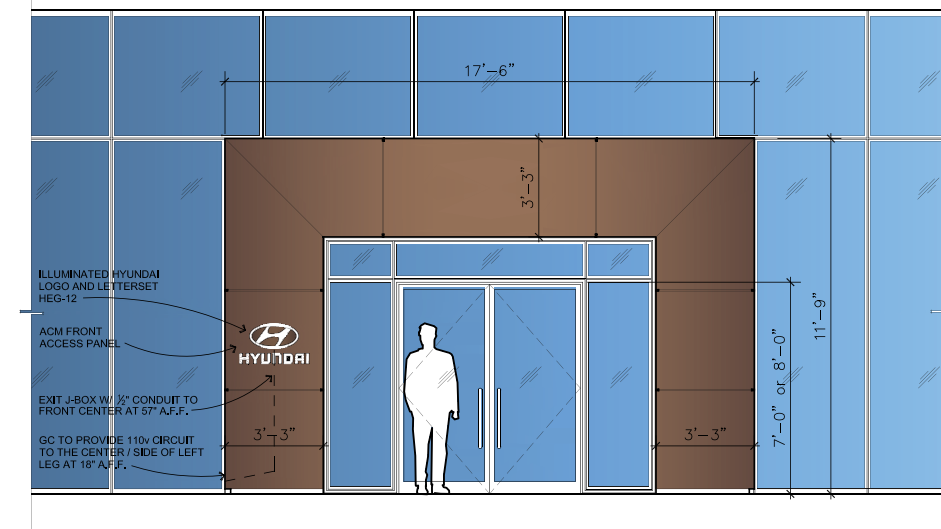
**5 Head Diagram**  
Scale: 1"=1'-0"



**6 Side Diagram**  
Scale: 1"=1'-0"

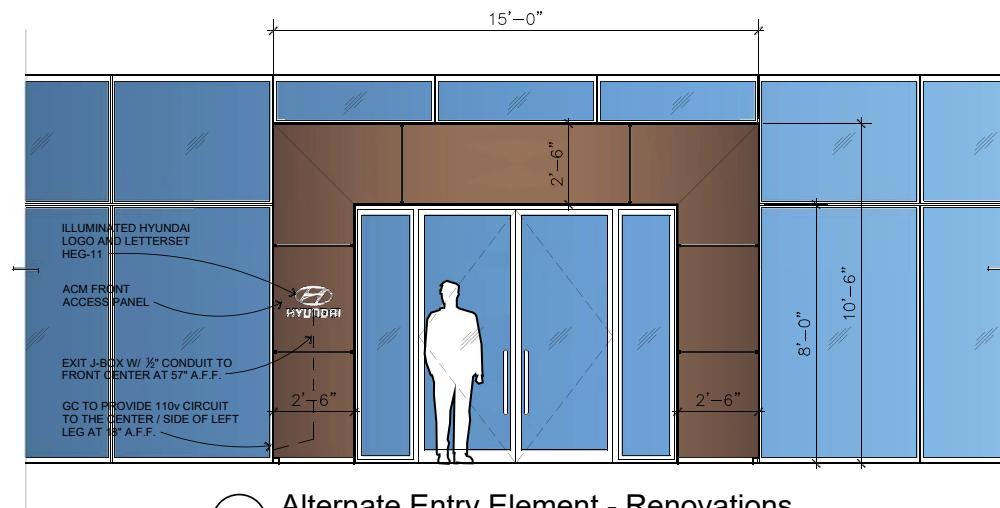


**7 Entry Element - Size 1**  
Scale: 3/8"=1'-0"

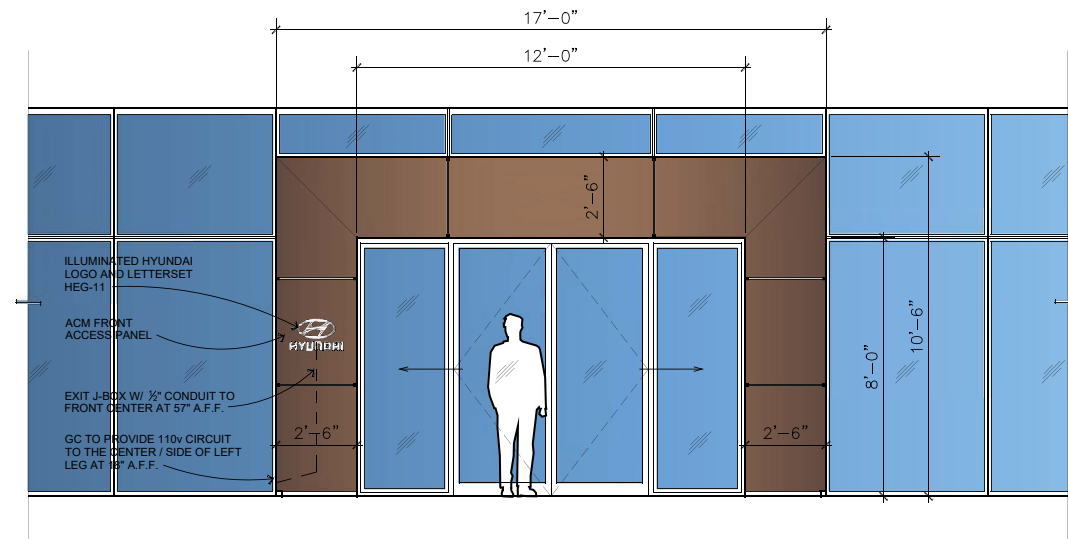


**8 Entry Element - Size 2**  
Scale: 3/8"=1'-0"

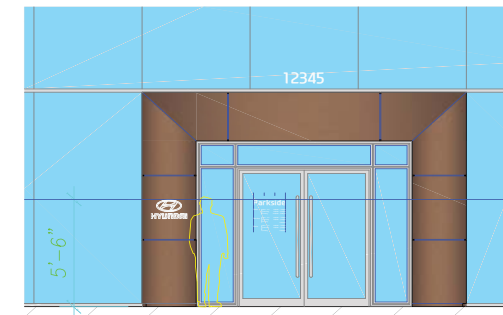
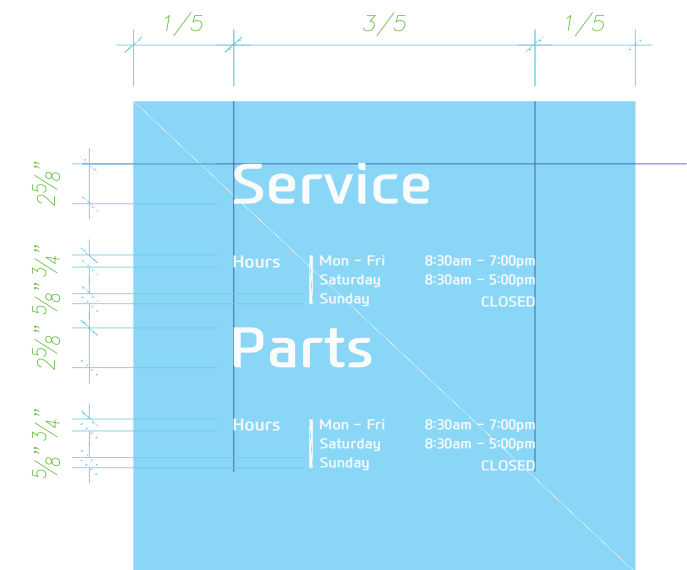
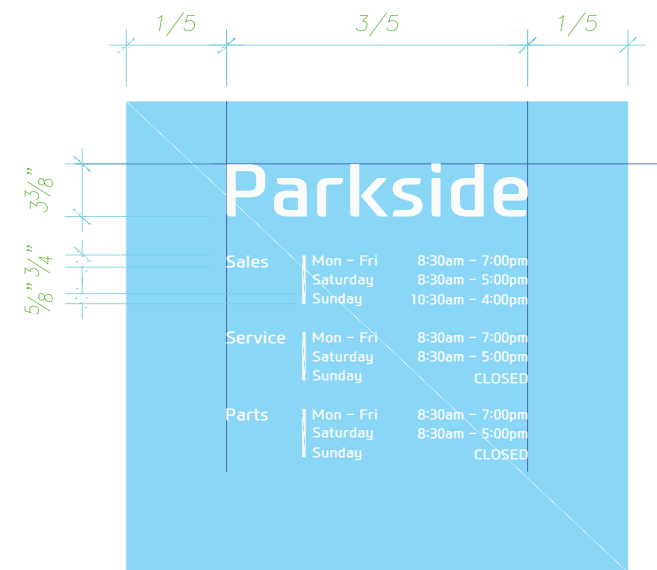




9 Alternate Entry Element - Renovations  
Scale: 3/8"=1'-0"



10 Alternate Entry Element - Electric Doors  
Scale: 3/8"=1'-0"



### Store Information & Hours

Store information and business hours are to be posted at the main Customer Entrances to Sales, Service & Parts as shown, using white vinyl letters & numbers in the Hyundai-approved font.

If a street number is required on the building, it should be centered 6" above the Entry Element. All numbers to be a minimum of 8" tall or as required by local code.

All text to be Modern H Bold font.





#### SERVICE DRIVE

- The Service Drive is to be fully enclosed and attached to the Hyundai Sales Facility.
- A minimum of two lanes are required and each lane must be a minimum of two cars deep.
- The signature bronze Shaped Sky ACM is the required material for the Service fascia.
- The fascia should be large enough in width and height to display the pattern at full scale.

#### CONSIDERATIONS

- Provide wall space above the overhead doors and below the Service fascia for service lane signals.
- High Speed glass or aluminum and glass overhead doors are required.
- Provide man-doors for easy access and egress to the service drive and service returns.
- Install key drop box adjacent to the man-door on the front elevation of the service drive.
- Install 6" pipe bollards as required to protect overhead door frames.





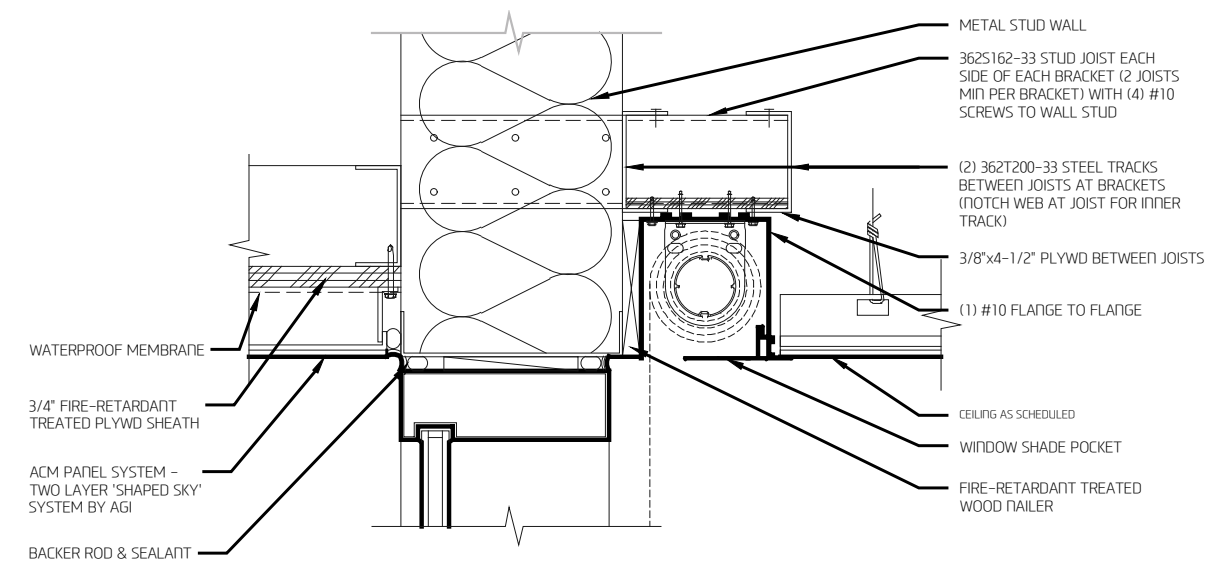
### Exterior SSG Curtain Wall System

The exterior glazing system will provide a clear view into the showroom from the exterior, as well as providing enhanced visibility to the customer parking and exterior vehicle display from within the building.

- Kawneer 1600 Wall System 2 Curtain Wall, clear anodized aluminum finish.
- Structural silicone glazing at vertical mullions spaced at 5'-0" O.C., expressed clear anodized frame at horizontal mullions.
- Glazing at SSG curtain wall to be Vitro Architectural Glass, with Solarban 72 on Starphire glass and clear glass interior lite. For additional options see glass specifications on page 6.4.
- 2 1/2" horizontal trim piece to have clear anodized aluminum finish and align with top of entry element. (See exception on page 3.12 if the low point of the fascia is less than 12'-0" AFF.).

### Showroom Window Shades

- If desired, the dealer may choose to install recessed window shades at exterior glass to provide glare protection during daylight hours, per the detail below. Shade color to complement the interior wall color of the showroom.



1 RECESSED WINDOW SHADE DETAIL at SHOWROOM  
5.9 Scale: 1 1/2" = 1'-0"





## SHOWROOM & SALES REQUIREMENTS

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Showroom Floor Tile</b>	Showroom, hallways, and customer areas must have the current 12"x24" porcelain tile and coordinating base. Color, finish, placement, orientation, and location must be as specified in the Design Manual, Sections 5.4, 6.2-6.3 and 6.8.	●	●
<b>Lead Car Zone Display Pad</b>	Showroom must contain the hexagonal Lead Car Zone Display Pad, current 24"x24" porcelain tile and trim. Dimensions, finish, placement, orientation, and edge treatment must be as specified in the Design Manual, Sections 5.4 and 6.2-6.3 and 6.8.	●	●
<b>Shaped Sky Ceiling</b>	The Shaped Sky Ceiling System must be applied according to strict standards. In New Build Projects, the Shaped Sky Fascia System rolls into the Showroom and becomes a feature Ceiling Element at the Step-down portion of the Fascia. The Shaped Sky Ceiling must cover a minimum of 30% of the Showroom square footage and installed as specified in the Design Manual, Sections 5.7 and 4.5. No deviations to proportions, finishes, materials, colors are allowed.	●	●
	In Renovation Projects, the Ceiling Element takes the form of a Tray Ceiling Element above the Reception Desk and Brand Wall (minimum 1'-6" change in elevation). The Tray Ceiling must be on axis with the Entry Element, match its width and run the full depth of the Showroom. The Shaped Sky Ceiling must be installed as specified in the Design Manual, Sections 3.5 and 4.6. No deviations to proportions, finishes, materials, colors are allowed.	●	●
<b>Ceiling Finishes</b>	Shaped Sky Ceiling System, Acoustical Tile & Grid, Drywall and Tray Ceiling Finishes & details must be as specified in the Design Manual, Sections 5.6 and 6.2.	●	●
<b>Ceiling Heights</b>	The customer should experience the facility as an open and inviting space. To reinforce that impression, the following minimum Ceiling Heights must be maintained: <ul style="list-style-type: none"> <li>Showroom Ceilings must be 12'-0" AFF or higher.</li> <li>Customer Waiting Room Ceilings must be 10'-0" AFF or higher.</li> <li>Sales and Management Office Ceilings must be 8'-0" or higher (9'-0" is encouraged).</li> </ul>	●	●
<b>Inclined Columns</b>	The Showroom must contain "Vertical Green" Inclined Columns. In a New Build Projects, these angled steel column-clusters may be structural and/or non-structural. Local structural consultant to evaluate suitability of replacing existing column(s). The diameter of each column must vary, and the slope of a column must not exceed 15 Degrees. The Columns must be finished with metallic paint and be set in pebble stone base. Provide up-lighting to accentuate the Inclined Columns in the evenings as per Design Manual, Section 3.7 and 10.4. Column positioning must not inhibit showroom vehicle placement. Recommended placement, size, proportions, angle, and finishes must be as specified in the Design Manual, Section 4.7-4.8.	●	●
	In Renovation Projects, all existing columns must sit behind the line of the SSG Curtain Wall System (i.e., the column/wrap must not be exposed on the exterior face or interrupt the line of the SSG Curtain Wall System) and must be wrapped and grouped with other columns to create column clusters.	●	●
<b>Sales Management Area</b>	If Sales Managers utilize a multi-person desk, it must be housed in a separate space and may be enclosed with butt-glazed partitions. Utilize Distraction (Safety) Markers on glass as required. Stool-height counters are permitted within the enclosed office. If open to the showroom, the Sales Management Area must utilize the same furniture and finishes found in the Showroom Sales Consultation Workstations. New and existing raised/elevated "Sales Towers" are prohibited.	●	●
<b>General Manager &amp; Sales Manager Offices</b>	General Manager and all Sales Managers' Offices should be adjacent to the Showroom and enclosed with butt-glazed partitions and doors to ensure sound privacy and security. Utilize Distraction (Safety) Markers on glass as required. All details, furniture and finishes must be as specified in the Design Manual.	●	●

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DESIGN

SIGNAGE



INTERIOR ELEMENTS

Brand Standards - Showroom & Sales

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09/30/2020

## SHOWROOM & SALES REQUIREMENTS – CONTINUED

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Sales Consultation Offices and Workstations</b>	Enclosed offices, modular furniture and freestanding tables are all acceptable for Sales Consultation. Offices must have butt-glazed front partitions and respect standard dimensions. Utilize Distraction (Safety) Markers on glass as required. Workstations must not be placed forward of the Reception Desk or within 20' of the main entrance. No workstations can block access to or views of the display vehicles. All details, furniture and finishes must be as specified in the Design Manual.	●	●
<b>Business Development Center</b>	Business Development Center (BDC) is optional, but dealers are encouraged to incorporate one in their Sales and Service Process. The BDC should be strategically located to allow visibility to the Showroom and Sales Managers. Provide butt-glazed partitions and windows for optimal oversight and visibility. Utilize Distraction (Safety) Markers on glass as required. All details, furniture and finishes must be as specified in the Design Manual.	◎	◎
<b>Furniture</b>	All customer-facing Furniture must be provided by an approved HMA Furniture Vendor and meet or exceed the standards specified in the Design Manual, Section 7.1-7.9.	●	●
<b>Finishes</b>	All Finishes in the Showroom and Sales Areas must be as specified in the Design Manual, Section 6.1-6.13.	●	●
<b>Acoustical Ceiling Tile</b>	New Acoustical Ceiling Tile must be installed in all New Build and Renovation Projects as specified in the Design Manual, Section 6.2. In Renovation Projects, existing Ceiling Tile must be replaced and Ceiling Grid must be replaced or repainted to match specification.	●	●
<b>Lighting</b>	Lighting is fundamental to the design. It must be carefully planned to highlight the different functions and clearly illuminate the exterior and interior of Display Vehicles. New Lighting must be installed in all New Build and Renovation Projects. Layout and lighting levels must be as specified in the Design Manual, Sections 5.6 and 9.1-9.9.	●	●
<b>Non-Compliant Interior Branding Elements</b>	Any element that is not compliant with current GDSI 2.0 standards and all elements from prior HMA branding programs are prohibited and must be removed from the building.	●	●

GDSI 2.0  
INTRODUCTION

SITE

FASCIA &  
EXTERIOR

**SHOWROOM  
& SALES**

VEHICLE  
DELIVERY

SERVICE  
DRIVE

CUSTOMER  
LOUNGE

SERVICE &  
PARTS

POP  
CUSTOMER

PROTOTYPE  
DESIGN

SIGNAGE



INTERIOR ELEMENTS

Brand Standards – Showroom & Sales

4.3

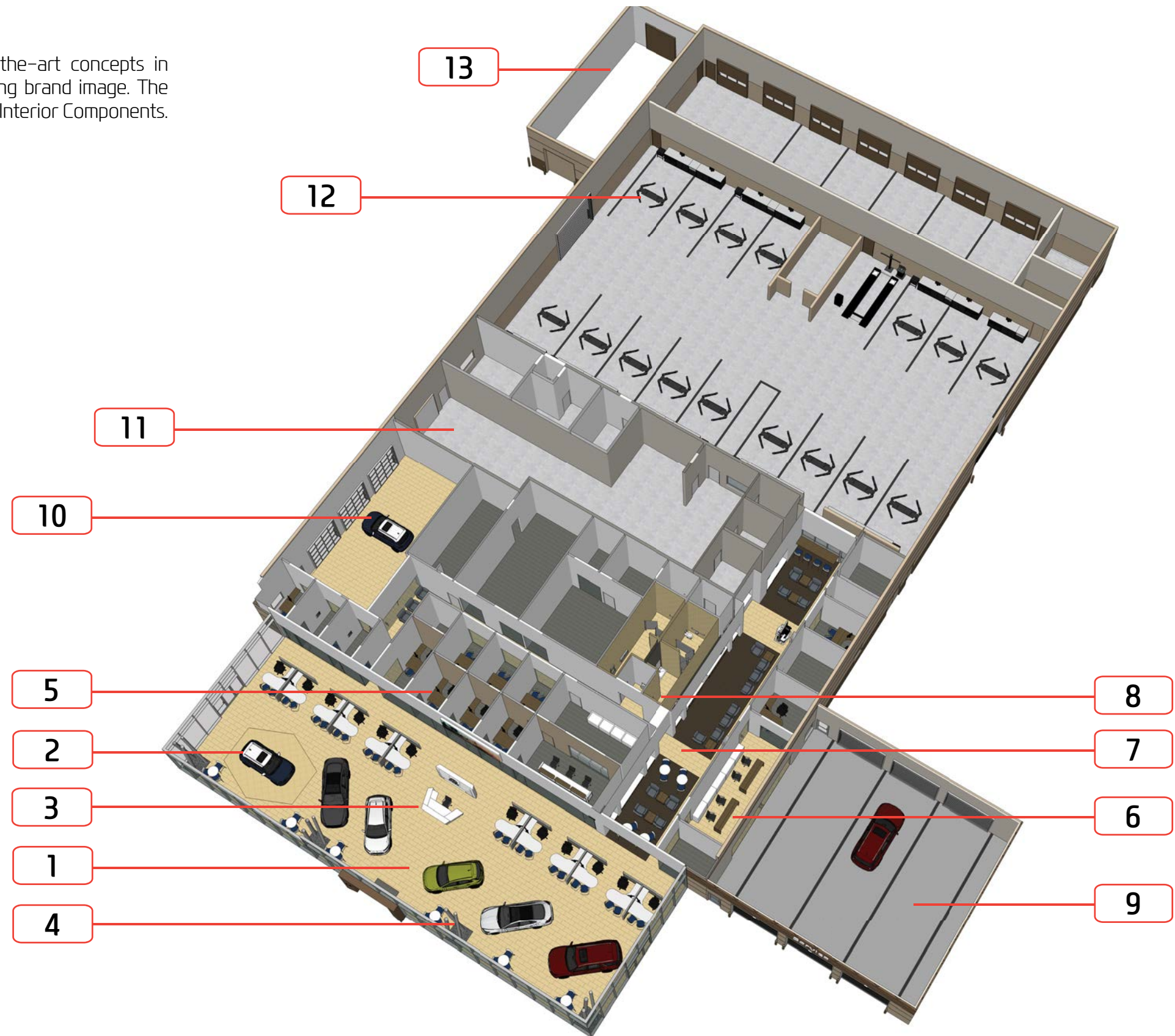
09/30/2020

## Interior Component Overview

The Hyundai GDSI 2.0 Image Program incorporates state-of-the-art concepts in automotive retailing to ensure customer satisfaction and a strong brand image. The program relies on the successful implementation of the following Interior Components.

### GDSI 2.0 Interior Components (IC)

1. Showroom Tile
2. Lead Car Zone Vehicle Display Pad
3. Reception Desk and Brand Wall
4. "Vertical Green" Inclined Columns
5. Sales Consultation Offices
6. Service Advisor Write-Up Area
7. Customer Lounge
8. Customer Restrooms
9. Service Drive
10. Vehicle Delivery Area
11. Parts Department
12. Service Department
13. Automated Car Wash



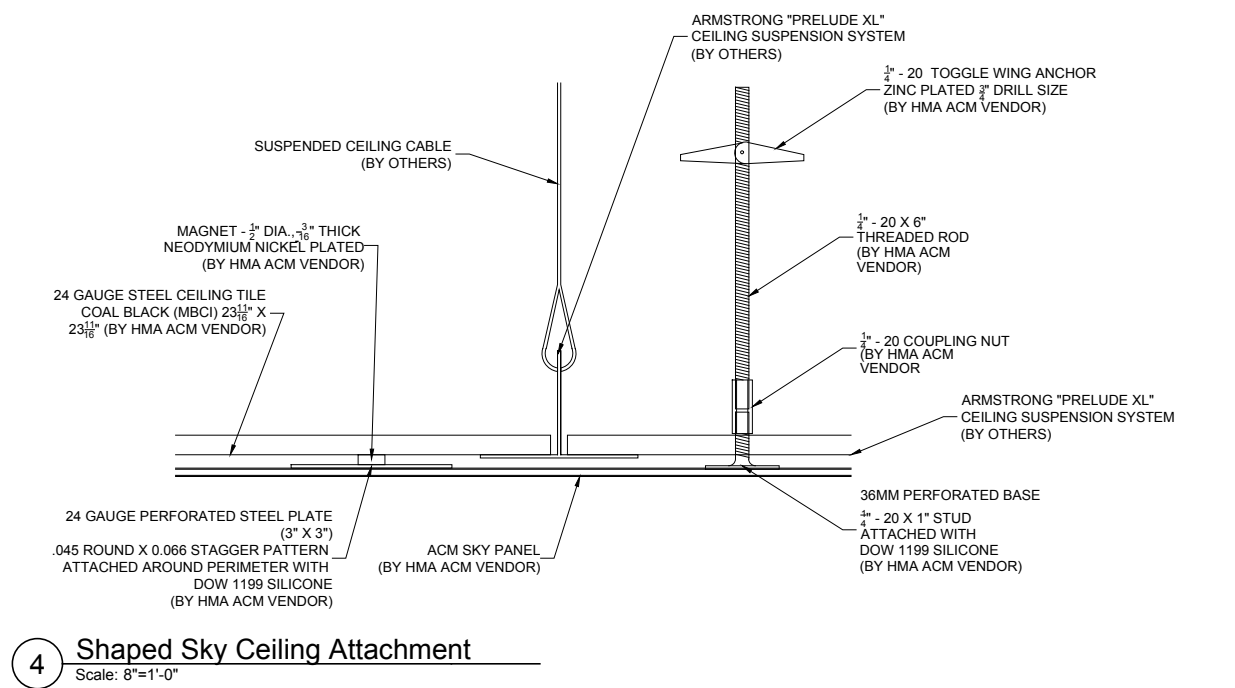
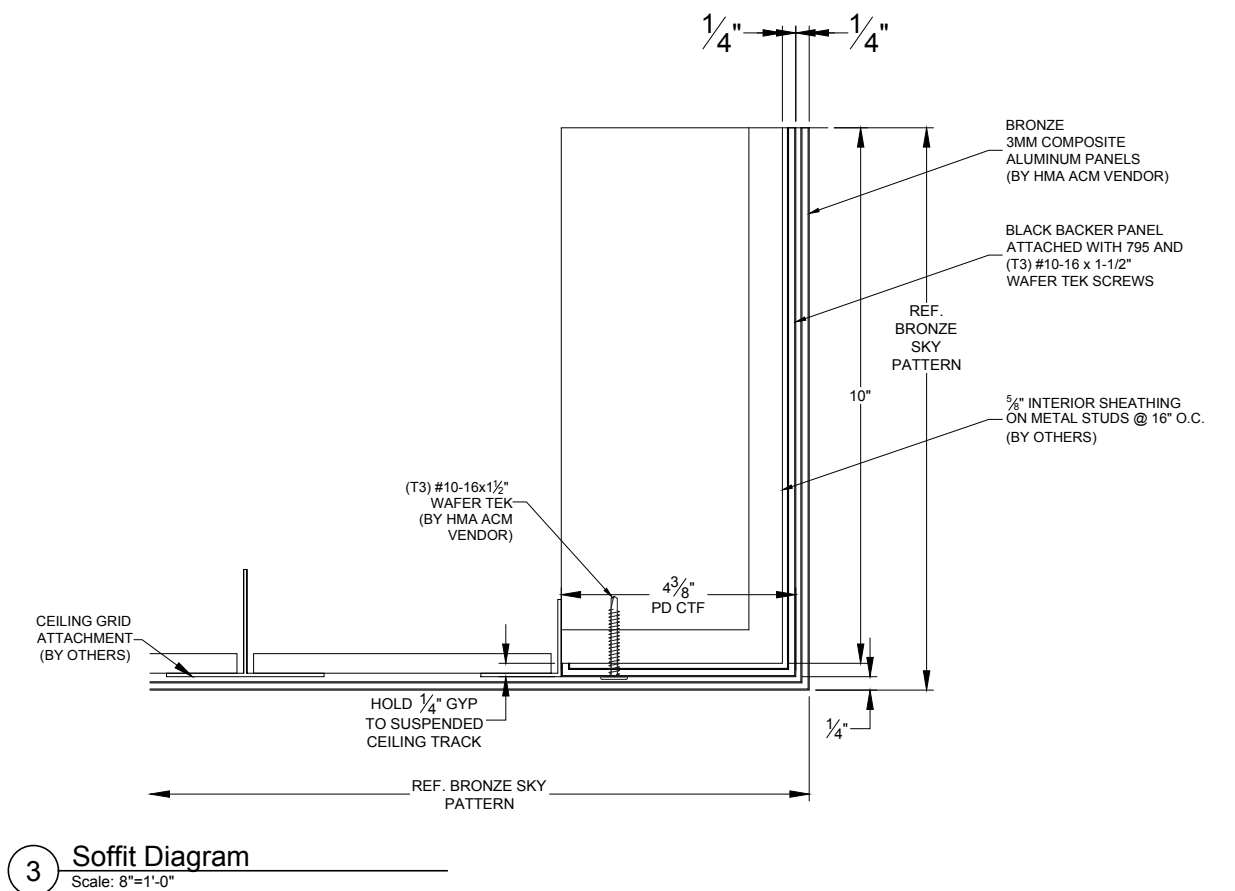
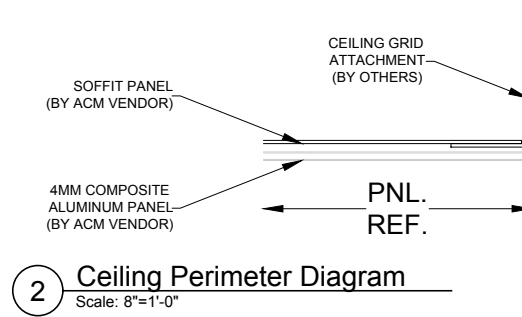


1 Typical Ceiling and Lighting Pattern  
Scale: 1"=1'-0"

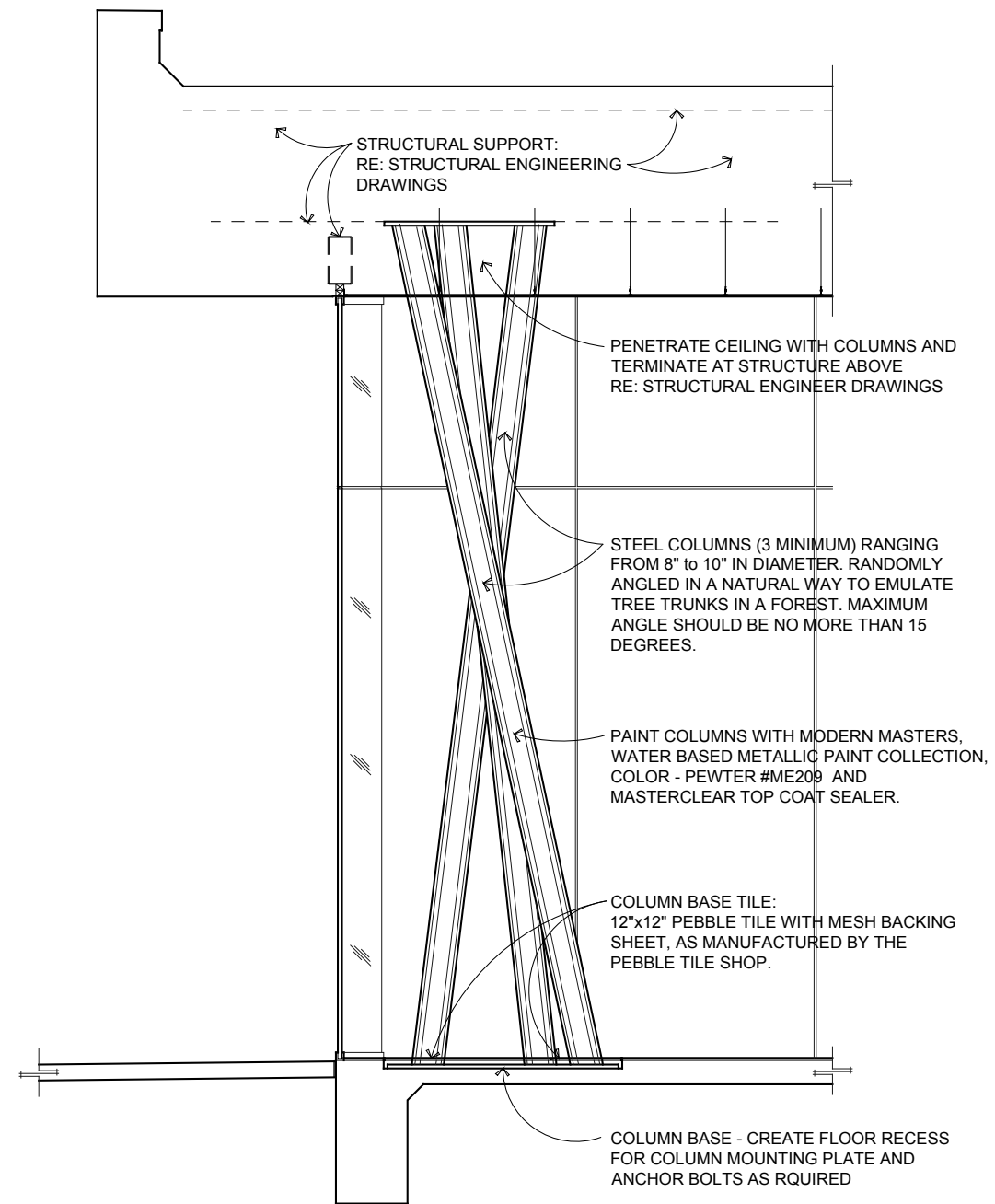
**General Ceiling Notes:**

Ceiling insulation should be installed directly below the roof structure and not on top of the suspended grid ceiling. Insulation installed on top of the ceiling grid will add weight to the overall grid system and complicate the installation of the shaped sky ceiling.

Local contractor to provide open, black 2x2 ceiling grid as specified, lighting, HVAC supplies and returns, speakers, sprinkler heads, and other ceiling-mounted devices as required. Shaped sky ceiling material, finishes, and cutouts provided and installed by HMA ACM vendor.







1 Vertical Green Column Diagram  
Scale: 1/2"=1'-0"



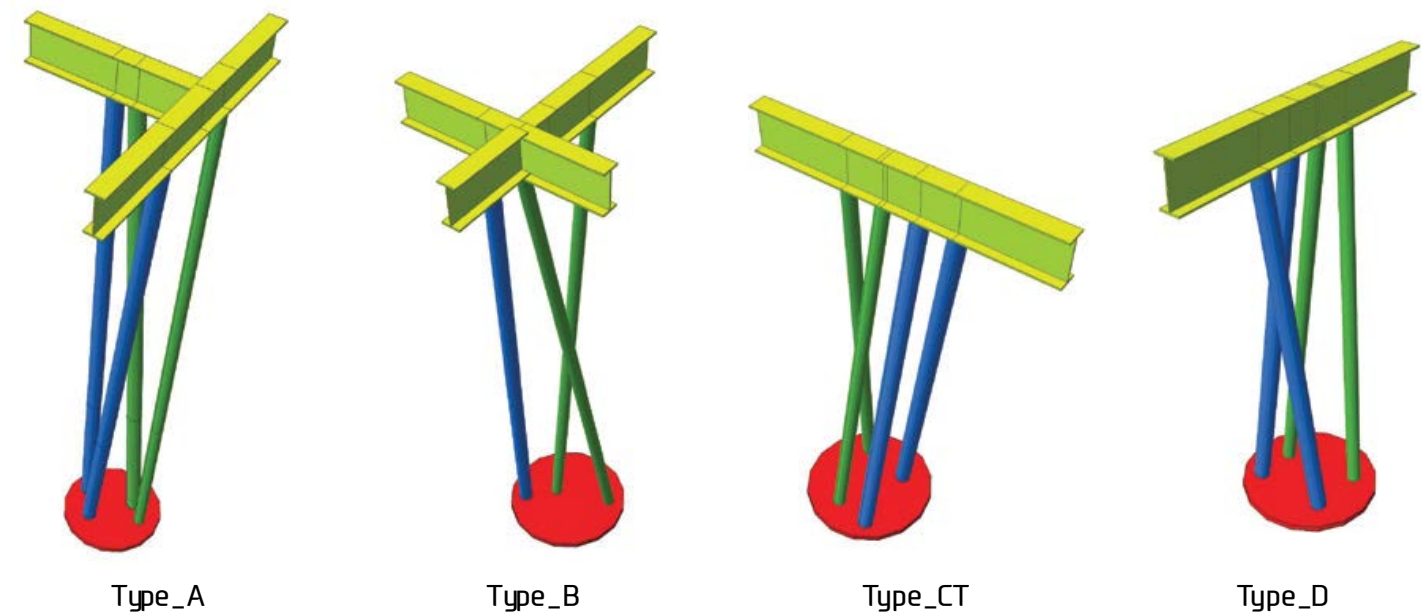
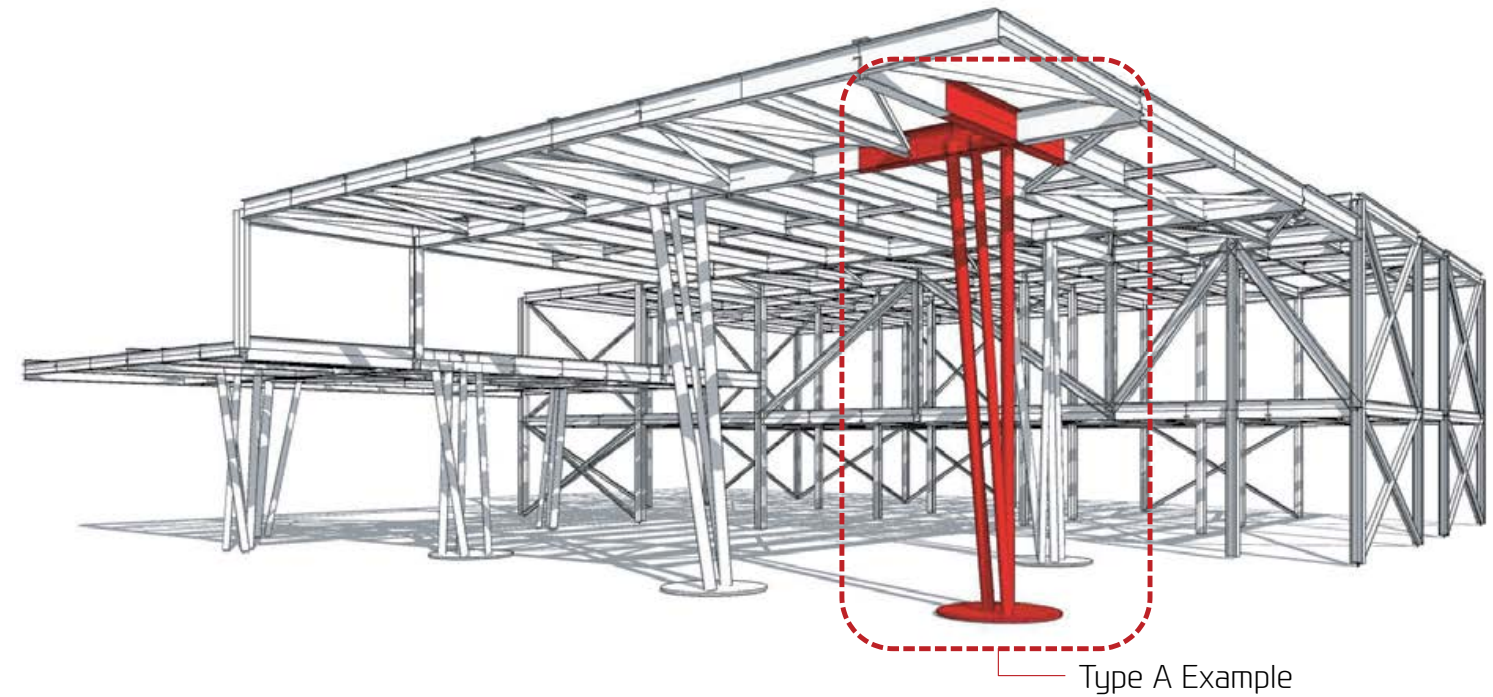
## Considerations

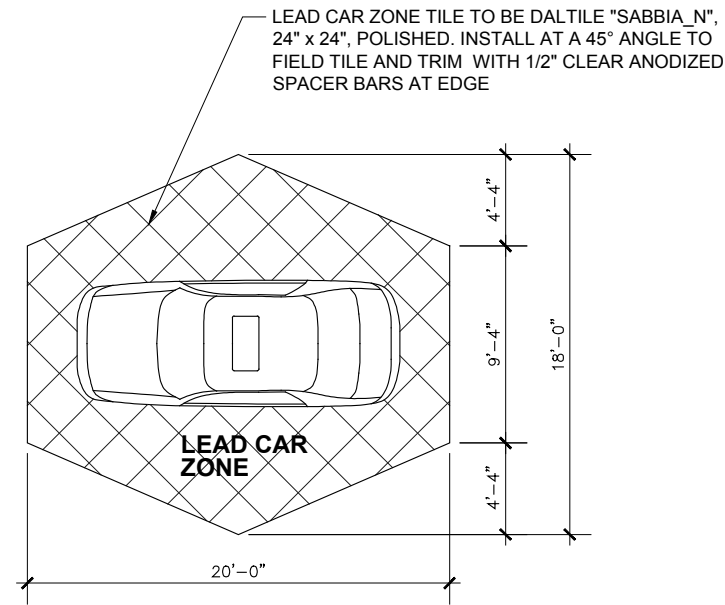
- Angled steel column clusters may be structural or non-structural
- Column positioning should not inhibit showroom vehicle placement
- Local structural consultant to evaluate suitability of replacing existing column(s) with 'Vertical Green' column clusters
- The maximum slope of a column should not exceed 15 Degrees
- All structural steel columns visible from the showroom shall be finished with metallic paint as specified in the GDSI 2.0 Finish Recommendations.



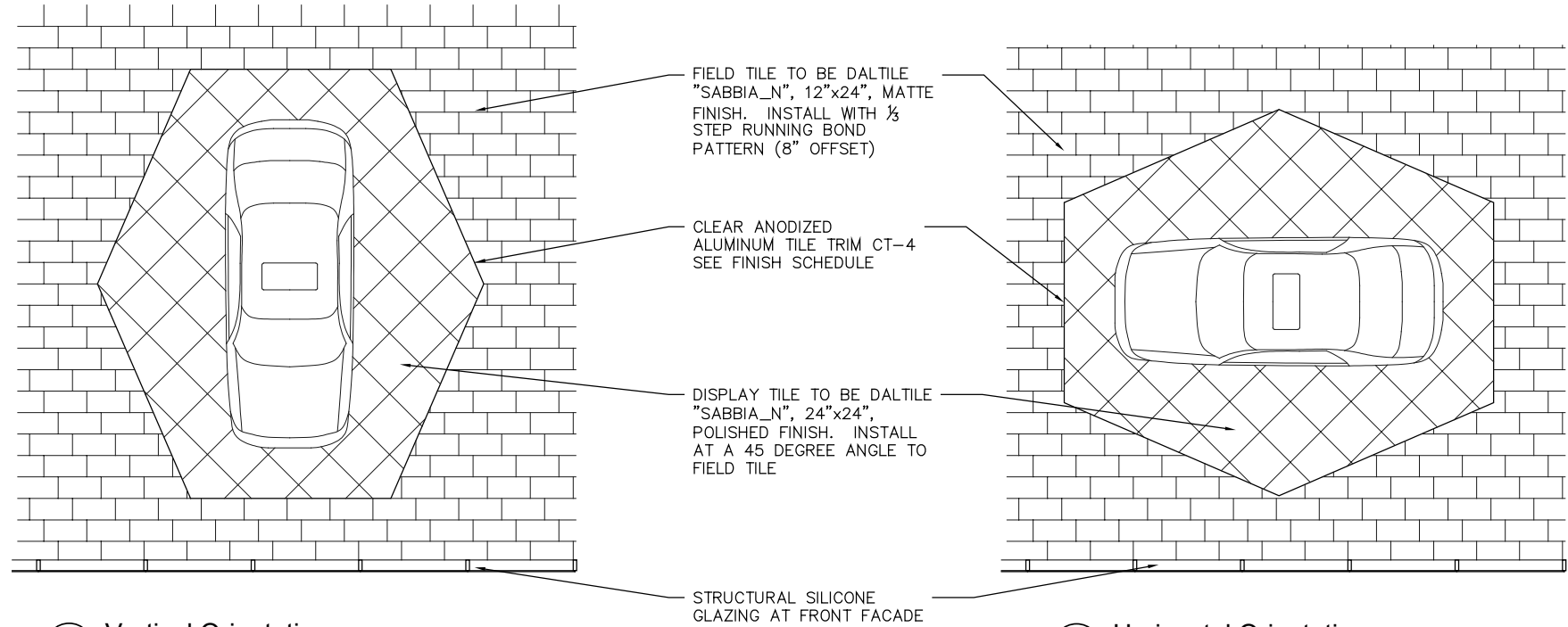
## Sample Arrangements of Column Clusters

Size of Columns, Base Plates and Joint Brackets to be confirmed by a Structural Engineer





**1** Lead Car Zone Dimensions  
Scale: 1/4"=1'-0"



**2** Vertical Orientation  
Scale: 1/4"=1'-0"

**3** Horizontal Orientation  
Scale: 1/4"=1'-0"





## CIP 2.0 - PROGRAM ELEMENTS AND SERVICES

- (1) Reception Desk and File Drawer Cabinet
- (1) Brand Wall
- (1) Product Information Center  
or (1) Multi-Media Display<sup>1</sup>
- (1) 42" Touch Screen Monitor System
- (1) Accessory Display
- (1) Wall Poster Holder (set of 8)
- (1) Sales Pledge Plaque
- (1) Service Pledge Plaque
- (1) Key Dropbox<sup>2</sup>
- (1) Directional Signage (set of 6)
- (1) Large Illuminated Wall Graphic<sup>3,4</sup>
- (1) Dismantle & Disposal of Gen I CIP and/or  
PPP showroom fixtures
- (1) Installation, Maintenance<sup>4</sup> and First Year  
Software Maintenance

The CIP 2.0 Program Elements noted adjacent are required to be brand compliant. Final quantities, placement and cost of Program Elements will be determined, based upon a Final Installation Plan and Final Quote.

### CIP 2.0 PAYMENT OPTIONS<sup>5</sup>

Dealer will select one of the following three payment options:

1. **Option 1:** One (1) payment of entire amount due
2. **Option 2:** Three (3) monthly installment payments of equal amounts
3. **Option 3:** Twelve (12) monthly installment payments of equal amounts

<sup>1</sup> The Brand Wall can be displayed as freestanding with customer access to the backside or flush-mounted in front of a wall without backside access. The Product Information Wall is included on the backside of the Brand Wall when it is accessible; the Multi-Media display is required when the Brand Wall is flush-mounted.

<sup>2</sup> Due to Dealer installation requirements, the Key Dropbox is optional.

<sup>3</sup> The Program includes one (1) Large Illuminated Wall Graphic; however, Dealer and Architect will determine appropriate quantity, size and placement of additional Illuminated Wall Graphics, if applicable.

<sup>4</sup> Up to three (3) Illuminated Wall Graphic updates and three (3) Maintenance visits are included in kit pricing.

<sup>5</sup> HMA will bill Dealer's monthly Parts Account Statement in the appropriate amount, approximately thirty (30) days post installation.



## Overview

Hyundai Motor America's (HMA's) CIP 2.0 Program derives its inspiration from the Global Dealership Space Identity ("GDSI 2.0") vision and is articulated around two key elements - the Brand Wall and the Reception Desk. These CIP 2.0 Program Elements work in conjunction with the GDSI 2.0 global initiative by artfully incorporating subtle angles into the design architecture, using retail-grade materials and backlit lighting.

The CIP 2.0 Program Elements combine for a cohesive environment that is inviting and friendly. All areas of the dealership benefit from the branding elements as they invite customers to navigate throughout the Showroom without barriers. Key features of the Program include:

- Brand messaging that is reinforced throughout the dealership.
- An open feel that promotes easy management and views of the Showroom floor.
- Impactful graphics properly scaled for the space, which add color and depth to large wall areas.
- CIP 2.0 Program Elements that enhances the customer experience.
- An environment that champions the sales process.

Additionally, each Element is designed to provide maximum flexibility for any dealership floor plan. Altogether, the CIP 2.0 Program works to support the sales process, elevate the brand and integrate seamlessly within the dealership environment.



## GEN 1 CIP AND/OR PPP DISMANTLE AND DISPOSAL

All Gen 1 CIP and/or PPP showroom fixtures, and any previous generation fixtures not compliant with GDSI 2.0 requirements must be removed from the Dealership prior to installation of the CIP 2.0 Program Elements. Dealer will work with EWI to schedule a time to dismantle and dispose of Gen 1 CIP and/or PPP showroom fixtures prior to the agreed upon scheduled Installation Start Date. This service is included in the cost of the CIP 2.0 Program pricing.

Removal of Gen 1 CIP showroom fixtures includes the following:

- Two (2) Corporate Pillars
- One (1) Corporate Brand Wall
- One (1) Color and Trim Pod
- Two (2) Brochure Holders
- Ten (10) Poster Frames
- Two (2) Corporate Floor Carpet Pads (“Hyundai”)
- One (1) Service Pledge Plaque (hardware and graphics)
- One (1) Sales Pledge Plaque (hardware and graphics)
- One (1) Directional Signs (set of 9)
- One (1) Light Cloud (Note: Dealer must disconnect all power prior to removal. Also, Dealer is responsible for removing cables from ceiling trusses post EWI removal.)

Removal of Gen 1 PPP showroom fixtures includes the following:

- Two (2) Premium Pillars
- One (1) Premium Brand Wall
- One (1) Color and Trim Pod
- One (1) Brochure Holder
- Six (6) Poster Frames
- Two (2) Premium Floor Carpet Pads (One (1) –“Equus”, One (1) –“Genesis”)
- One (1) Premium Overhead Lighting (Note: Dealer must disconnect all power prior to removal. Also, Dealer is responsible for removing cables from ceiling trusses post EWI removal).



## CIP 2.0 – PROGRAM ELEMENT DESCRIPTIONS

### Reception Desk and File Drawer Cabinet IW46692-C2000

With the customer journey beginning at the Reception Desk, it serves as a welcoming destination and foundation for immediate customer interaction. The Reception Desk allows the customer to ask for assistance and be guided to the appropriate destination. The Reception Desk (combined with the Brand Wall) offers a unique design perspective from wherever it is viewed within the Showroom.

- (1) Desk (does not include chair)
- (1) File drawer cabinet
- Gloss white surfaces
- Brushed metal front panel
- White solid surface countertops
- Requires power, phone, and data connections as required by dealership for the receptionist work station
- Size: 116”L x 40”H x 67”D



### Brand Wall IW46692-C1000

The Brand Wall is the main visual beacon in the Showroom environment, emphasizing the core values of the Hyundai brand. The front has a 3D “Hyundai” logo and an illuminated blue panel. The Brand Wall is displayed in conjunction with the Reception Desk and is the anchor for the CIP 2.0 Program.

- Gloss white surfaces
- Hyundai logo with chrome finish
- Blue illuminated accent panel with “on/off” switch
- Note: Requires a power outlet and dedicated RJ45 data jack with internet connectivity
- Size: 122”L x 88”H x 19”D
- NOTE - The Brand Wall must be bolted to the floor for seismic and safety reasons.



**Product Information Center (Back of Brand Wall)**  
IW46692-C1001

The Product Information Center utilizes the backside of the Brand Wall to display product brochures and a 42” Touch Screen Monitor System (included). The area allows for brand messHMA Survey Vendorng and is a neutral zone for customers to self-explore and gather vehicle information.

- (3) Accent Panels
- (9) Brochure holders
- (1) 42” Touch Screen Monitor System (see details below)
- Note: Requires a power outlet and dedicated RJ45 data jack with internet connectivity
- Size: 108”L x 66”H



**42” Touch Screen Monitor System**  
IW46692-C13000

The 42” Touch Screen Monitor System is included with the Product Information Center and Multi-Media Display. This interactive tool gives customers the ability to easily access exterior and interior color and trim information for each Hyundai model.

- (1) 42” Touch screen monitor
- (1) Media player and hardware
- Note: Requires a power outlet and dedicated RJ45 data jack with internet connectivity



**Multi-Media Display**  
IW46692-C4000

The Multi-Media Display is used when the Brand Wall is flush-mounted against a wall or when the Product Information Center is not accessible to customers. The Multi-Media Display can also be utilized in larger dealerships in conjunction with the Product Information Center for additional display capabilities.

- (1) Two sided display
- (6) brochure holders
- (1) 42” Touch Screen Monitor System (see details below)
- Note: Requires a power outlet and dedicated RJ45 data jack with internet connectivity
- Size: 45”L x 74”H x 28”D



**Merchandise Display**  
IW46692-C5000

This modular display unit showcases Hyundai merchandise, parts and accessories, and special Service offerings. It is designed to be an integral part of the Program and can easily be located on the Showroom floor or within the Service area..

- (1) Two sided display
- (2) Hanging Bars
- (2) Metal grids
- (4) Glass Shelves
- (6) 12” Hooks
- (6) 6” Hooks
- (1) Water fall bracket
- (1) Graphic Blade
- Size: 48”L x 74”H x 37”D



### Wall Poster Holder IW46692-C8000

The Wall Poster Holder emphasizes the brand message in the Showroom. The front-loading, snap frame allows for easy updates of the poster and the angular facet reinforces the brand cohesiveness. The Wall Poster Holder accommodates current graphic dimensions and can be used in offices or transitional areas throughout the dealership to add color and reinforce the Hyundai brand.

- (8) Frames with angular facet
- White painted aluminum frame with non-glare lens
- Size: 27.3”L x 29.2”H (poster 20.81”L x 27.31”H)
- NOTE - Posters ship separately from a third party supplier and are not included.



### Key Dropbox IW46692-C12000

The Key Dropbox is Hyundai branded and has aesthetics coinciding with the exterior GDSI 2.0 showroom theme.

- Stainless steel front. Powder coated back and sides
- Store service envelopes inside
- Interior mail slot to drop keys
- Size: 17.5”L x 18.75”H x 4.25”D
- NOTE - Preparation of the wall and installation of key drop box and basket is the responsibility of Dealer



### Sales Pledge Plaque IW46692-C9100

Proudly recognize your world-class Sales staff with a dealership-specific branded Sales Pledge Plaque.

- Gloss white back panel
- MessHMA Survey Vendorng on the front panel
- Brushed stainless steel corner pucks
- Size: 20”L x 13.5”H



### Service Pledge Plaque IW46692-C9200

Communicate your core Service values by displaying the Hyundai Service Pledge Plaque in your Service area.

- Gloss white back panel
- MessHMA Survey Vendorng on the front panel
- Brushed stainless steel corner pucks
- Size: 20”L x 13.5”H



### Directional Signage IW46692-C6000

Set of 6 Directional Signs placed throughout the dealership provides a premium GDSI 2.0 look to guide customers to their appropriate destination.

- Brushed aluminum graphic with black lettering
- (6) different signs:
  - Service
  - Cashier
  - Parts
  - Restroom
  - Sales
  - Customer Lounge
- Sign size: 20”L x 4.75”H



### Illuminated Wall Graphic

IW46692-CFRA-9666 (Large),  
IW46692-CFRA-7248 (Small)

These large impactful graphics add depth and color to blank wall areas throughout the dealership. The illuminated fabric graphics “pop” with bold expression and are easy to replace and update.

- (1) Aluminum frame and graphic
- Perimeter LED backlights
- Fabric graphic stretches across the frame
- Large size: 96”L x 66”H
- Small size: 72”L x 48”H
- Requires power connection
- Note: The CIP 2.0 Program includes (1) Large Illuminated Graphic; however, Dealer and Architect will determine appropriate quantity, size and placement of additional Illuminated Wall Graphics, if applicable.



### QUESTIONS – CONTACT PROGRAM HEADQUARTERS

Web Portal: [www.gdsishowroom.com](http://www.gdsishowroom.com)  
Email: [hmasupport@ewiworldwide.com](mailto:hmasupport@ewiworldwide.com)  
Phone: 1-844-211-3063



INTERIOR ELEMENTS  
CIP 2.0 Interior Branding Elements

4.14

09/30/2020

**HYUNDAI GLOBAL DEALERSHIP SPACE IDENTITY (“GDSI 2.0”) PROGRAM  
CIP 2.0 PROGRAM ELEMENTS  
PRE-INSTALLATION CHECKLIST**

**INSTRUCTIONS:** HMA Survey Vendor to review and leave this Checklist with the dealership contact.

**A. Job Site Prerequisites:** As of the Installation Start Date, Dealer agrees that the facility shall be clean and clear of debris, trade laborers and equipment, and the following Job Site Conditions and Pre-Installation Requirements shall be completed:

**Parking Lot** - The parking lot must be paved and fully accessible

- **Flooring** - All flooring materials, including tile and grout, must be fully installed
- **Ceiling and Light Fixtures** - Ceiling, painting and ceiling light fixtures must be installed and ceiling surfaces painted
- **Windows and Doors** - All exterior windows and exterior doors must be fully installed, lockable and secured
- **Walls** - All exterior and interior walls shall be fully finished, including without limitation, surface drywall, paint, and wall paper.
- **Electrical and Data** - Disconnect and cap all ceiling light electrical connection points prior to installer’s arrival. All electrical wiring, outlets, phone/data lines and jacks must be fully installed
- **Lighting and Power** - Lighting and electrical outlets must be available for use by the EWI installation crew during installation
- **Workspace and Inside Storage** - Dealer shall provide ample space to stage the CIP 2.0 Program Elements inside the dealership facility to minimize double handling by the EWI installation crew during installation
- **Trash** - Dealer shall provide a waste receptacle (recommended size: forty (40) yards) on-site for disposal of all packHMA Survey Vendorng materials (wooden pallets, wooden crates, cardboard, plastic wrapping and Styrofoam)

**B. Pre-Installation Requirements**

- Dealer must remove all Gen 1 CIP and/or PPP showroom fixtures prior to the installation of CIP 2.0 Program Elements. Dealers may arrange for EWI to dismantle and dispose of Gen 1 CIP and/or PPP showroom fixtures at a mutually agreed upon date prior to the scheduled Installation Start Date. This service is included in the CIP 2.0 Program pricing.

**1. Removal of Gen 1 CIP showroom fixtures includes the following:**

- Two (2) Corporate Pillars
- One (1) Corporate Brand Wall
- One (1) Color and Trim Pod
- Two (2) Brochure Holders
- Ten (10) Poster Frames
- Two (2) Corporate Floor Carpet Pads (“Hyundai”)
- One (1) Service Pledge Plaque (hardware and graphics)
- One (1) Sales Pledge Plaque (hardware and graphics)
- One (1) Directional Signs (set of 9)
- One (1) Light Cloud (Note: Dealer must disconnect all power prior to removal. Also, Dealer will be responsible for removing cables from ceiling trusses post EWI removal.)

**2. Removal of Gen 1 PPP showroom fixtures includes the following:**

- Two (2) Premium Pillars
- One (1) Premium Brand Wall
- One (1) Color and Trim Pod
- One (1) Brochure Holder
- Six (6) Poster Frames
- Two (2) Premium Floor Carpet Pads (1-“Equus”, 1-“Genesis”)
- One (1) Premium Overhead Lighting (Note: Dealer must disconnect all power prior to removal. Also, Dealer will be responsible for removing cables from ceiling trusses post EWI removal).

**3. Post-Dismantle and Removal Requirements**  
Dealer is responsible for:

- Thorough cleaning of all floor areas after removal of all fixtures
- Repair and/or replacement of broken or damaged floor tiles and grout where fasteners were previously installed
- Repair and paint of all drywall surfaces behind Gen 1 CIP and/or PPP showroom fixtures where wall fasteners were previously installed
- Repair and/or replacement of any damaged ceiling tiles where cables and fasteners were previously installed
- Removal of the existing Gen 1 CIP Key Dropbox (and subsequent installation of the new CIP 2.0 Key Dropbox) (if needed).
- Disposal of all digital and/or electronic components (monitors, computers, etc.).

Prior to installation, Dealer is required to provide electrical outlets and data jacks for the following elements as located on the ‘CIP 2.0 Pre-Install Prep Drawings’

**C. Electrical and Data Requirements for CIP 2.0 Program Elements**

■ **Reception Desk and File Drawer Cabinet**

- (1) Each recessed floor box
- (1) Each 120v Duplex Outlet
- (2) Each RJ45 data jack for internet connectivity

■ **Brand Wall**

- (1) Each recessed floor box
- (1) Each 120v Duplex Outlet
- (2) Each RJ45 data jack for internet connectivity

■ **Multi-Media Display**

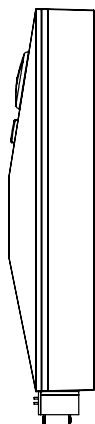
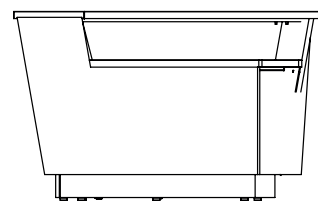
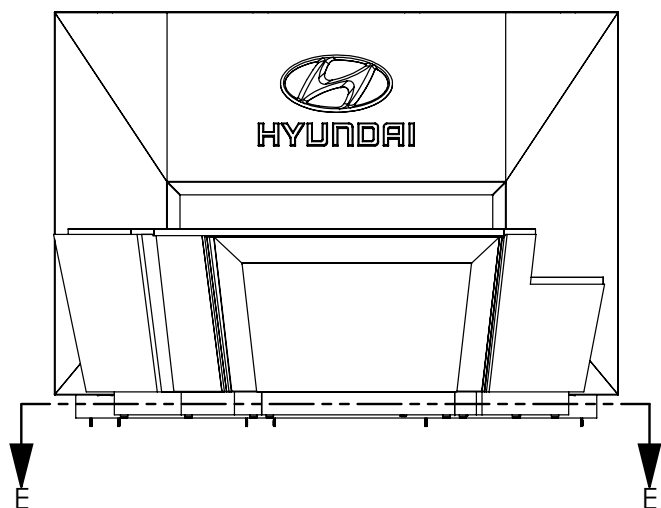
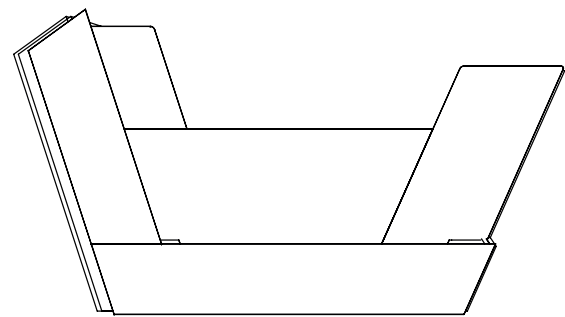
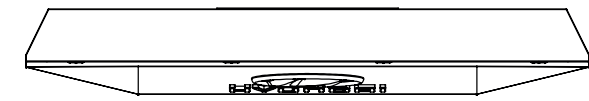
- (1) Each recessed floor box
- (1) Each 120v Duplex Outlet
- (2) Each RJ45 data jack for internet connectivity

■ **Large and Small Illuminated Wall Graphic**  
(1) per wall mural frame)

- (1) Each Peerless Industries - IBA3-W Recessed Cable Management and power storage accessory box
- (1) Each 120v Duplex Outlet



# FLOOR OUTLET AND DATA JACK LOCATION DIAGRAM



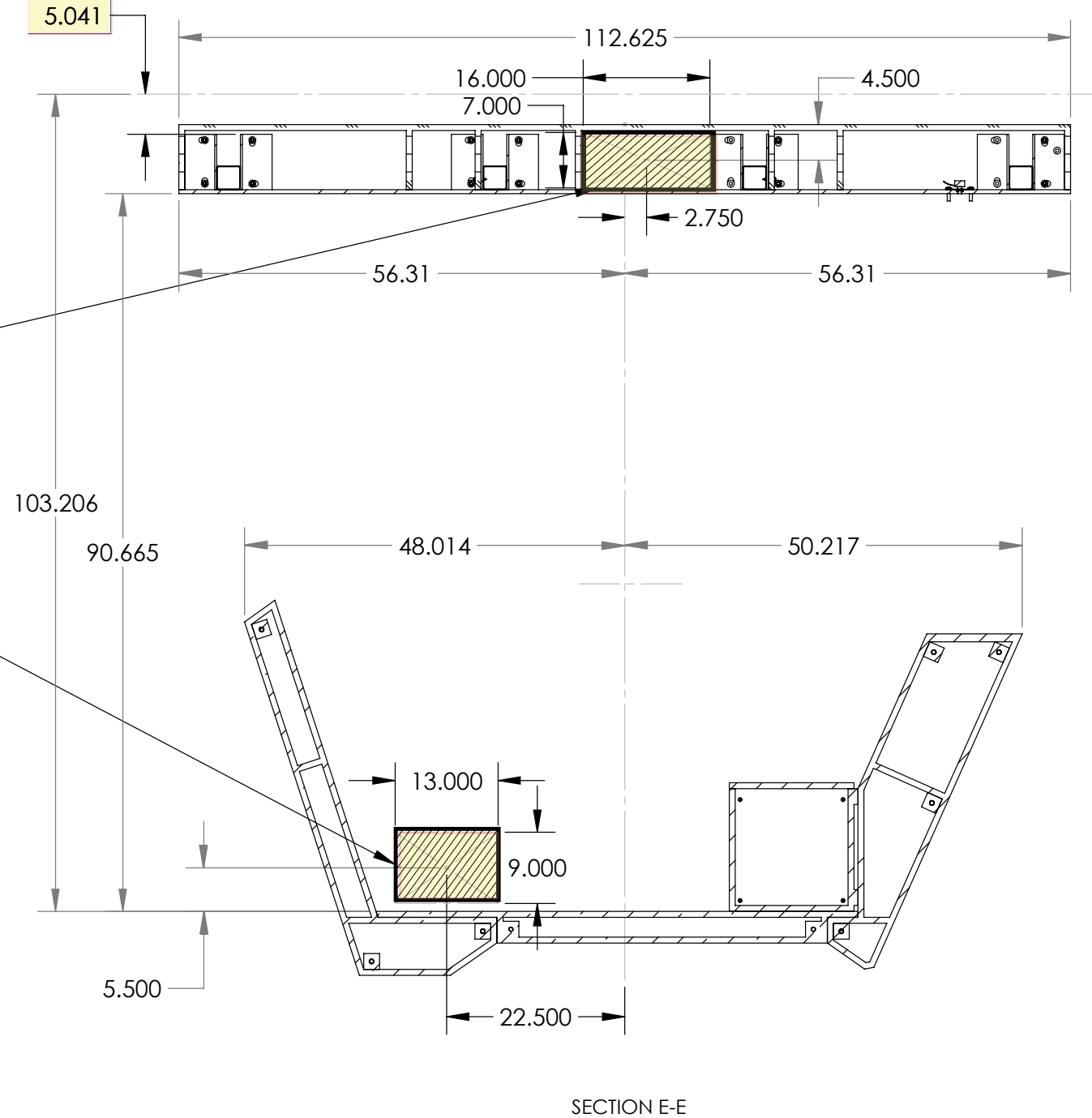
MIN DISTANCE TO WALL  
WHERE APPLICABLE

INSTALLATION LOCATION  
FLOOR BOX

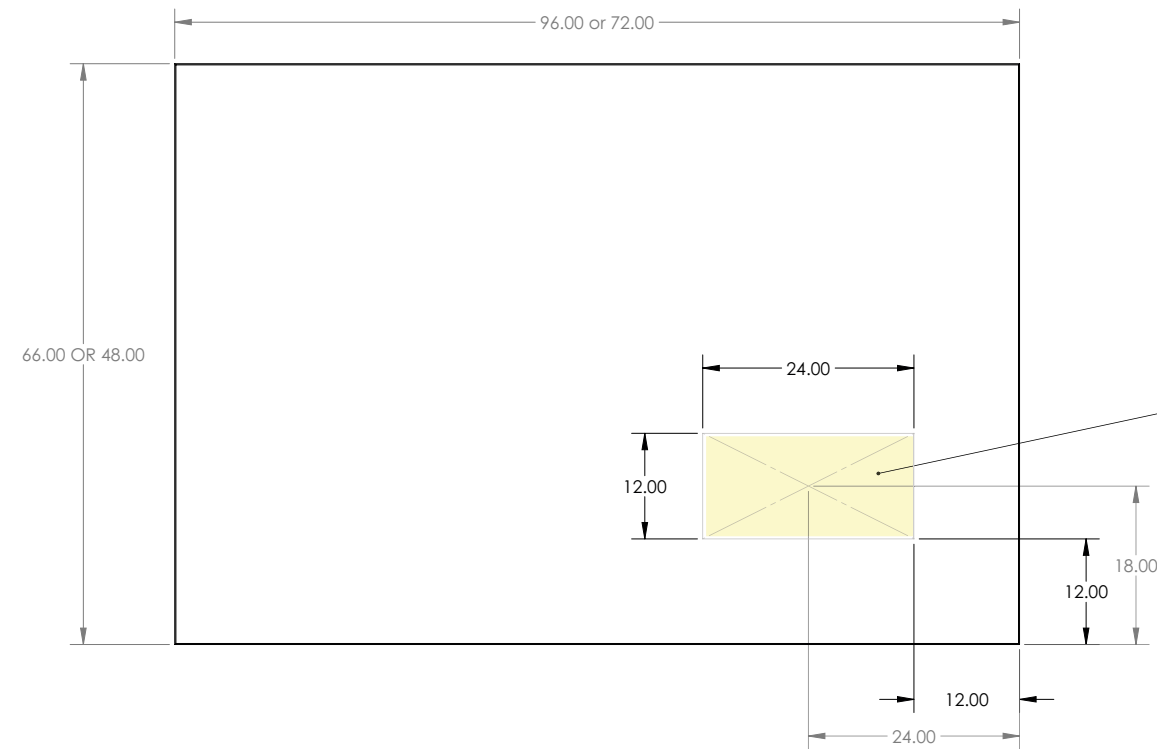
- REQUIRED:
- (1) EA. FLOOR BOX
  - (1) EA. 120V DUPLEX OUTLET
  - (2) EA. RJ45 DATAJACK FOR INTERNET CONNECTIVITY

INSTALLATION LOCATION  
RECESSED FLOOR BOX

- REQUIRED:
- (1) EA. RECESSED FLOOR BOX
  - (1) EA. 120V DUPLEX OUTLET
  - (2) EA. RJ45 DATAJACK FOR INTERNET CONNECTIVITY



**RECESSED CABLE MANAGEMENT BOX  
LOCATION DIAGRAM**



**CIP INSTALLATION:  
ILLUMINATED FRAME IS TO BE INSTALLED PROUD  
OF THE DRYWALL FACE**

**LARGE FRAME SIZE:**  
96"W X 66"H X 6" D

**SMALL FRAME SIZE:**  
72"W X 48"H X 6" D

**INSTALLATION LOCATION**  
RECESSED CABLE MANAGEMENT BOX

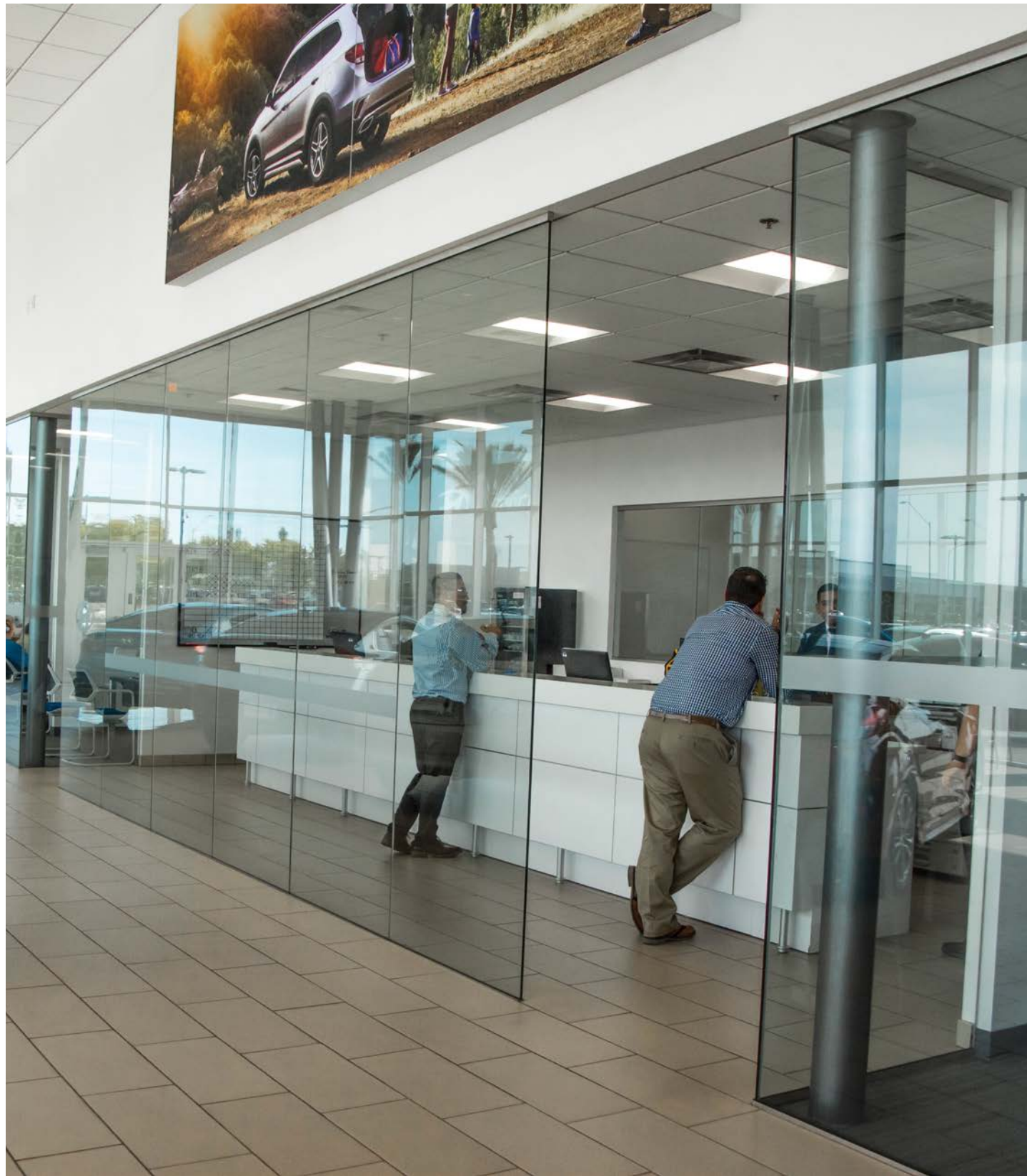
**REQUIRED:**  
(1) EA. 120V DUPLEX OUTLET  
(1) EA. PEERLESS INDUSTRIES - IBA3-W  
RECESSED CABLE MANAGEMENT & POWER  
STORAGE ACCESSORY BOX



Key features of the Illuminated Wall Graphic include:

- Brand messaging that is reinforced throughout the dealership.
- Impactful graphics properly scaled for the space, which add color and depth to large wall areas.
- Single or double frame configurations are available
- Multiple image options are available. Contact EWI at 1-844-211-3063
- When located less than 6'-8" above the floor, the Illuminated Wall Graphic installation shall meet ADA requirements for "protruding objects"





## SALES & MANAGEMENT OFFICES:

Interior Glass Partition System (C.R. Laurence Co, Inc. – Clear View System)  
An interior glass partition system will provide a clear view into the customer-facing offices associated with Sales and Service functions.

- Glass partitions will be butt-glazed with clear anodized head and sill tracks to hold glass units in place. Joints between glass panels can be silicone glazed or filled with a clear copolymer strip to help with sound attenuation.
- For more information regarding Hyundai-approved butt-glazed interior partition systems, refer to C.R. Laurence’s website at [www.crlaurence.com/clear-view](http://www.crlaurence.com/clear-view).
- Office walls shall be painted per the paint colors referenced in this Design Manual. The primary wall color is P-5, Sherwin Williams #7006 “Extra White”.
- A rear accent wall is recommended for all offices, color P-8, SW #9111 “Antler Velvet”.
- Vinyl base VB-1 “Stone Gray” shall be installed at the bottom of all walls.
- Utilize Distraction (Safety) Markers on glass as required.

STAY TUNED FOR HYUNDAI'S "ECO" PROGRAM DETAILS...



## VEHICLE DELIVERY REQUIREMENTS

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Vehicle Delivery</b>	An enclosed Vehicle Delivery Room must be provided for the presentation and delivery of new vehicles in all New Build Projects and it is encouraged for all Renovation Projects. The Vehicle Delivery Room must have glass overhead doors with clear anodized aluminum mullions at exterior wall and adequate ventilation. This area must be accompanied by a Vehicle Charging Station and all furniture, finishes and lighting as detailed in the Design Manual, Section 4.21.	●	⊙
	In a Renovation Project, a covered Vehicle Delivery Area must be provided for the presentation and delivery of new vehicles, but dealers are encouraged to provide an enclosed Room for the best experience. This area must be accompanied by a Vehicle Charging Station and all finishes and lighting as specified in the Design Manual, Section 4.22.	●	●
<b>F&amp;I Office</b>	F&I Offices must be easily accessible to the Showroom and directly adjacent to the Vehicle Delivery Area. They must be enclosed with butt-glazed partitions and doors for sound privacy and security. Utilize Distraction (Safety) Markers on glass as required. All furniture, fabrics and finishes must be as specified in the Design Manual.	●	●
<b>Vehicle Charging Station</b>	At least one Level 2 Electric Vehicle (EV) Charging Station must be provided in the Vehicle Delivery Area or Bay(s) in all ZEV states. This Station will be used to demonstrate how to use the equipment to new customers. See Design Manual, Sections 4.38-4.39. <u>Note:</u> Optional installation for non-ZEV states, dealer is to at least pre-wire for future installation.	●	●
<b>Furniture &amp; Finishes</b>	All furniture, fabrics and finishes in the Vehicle Delivery Room/Area must be as specified in the Design Manual.	●	●
<b>Lighting</b>	Lighting is important to the Delivery Process. It must be carefully designed to clearly illuminate the exterior and interior of the New Vehicle. New Lighting must be installed in the Vehicle Delivery Rooms/Area. Layout and lighting levels must be as specified in the Design Manual, Sections 5.6 and 9.3-9.9	●	●
<b>Non-Compliant Interior Branding Elements</b>	Any element that is not compliant with current GDSI 2.0 standards and all elements from prior HMA branding programs are prohibited and must be removed from the building.	●	●

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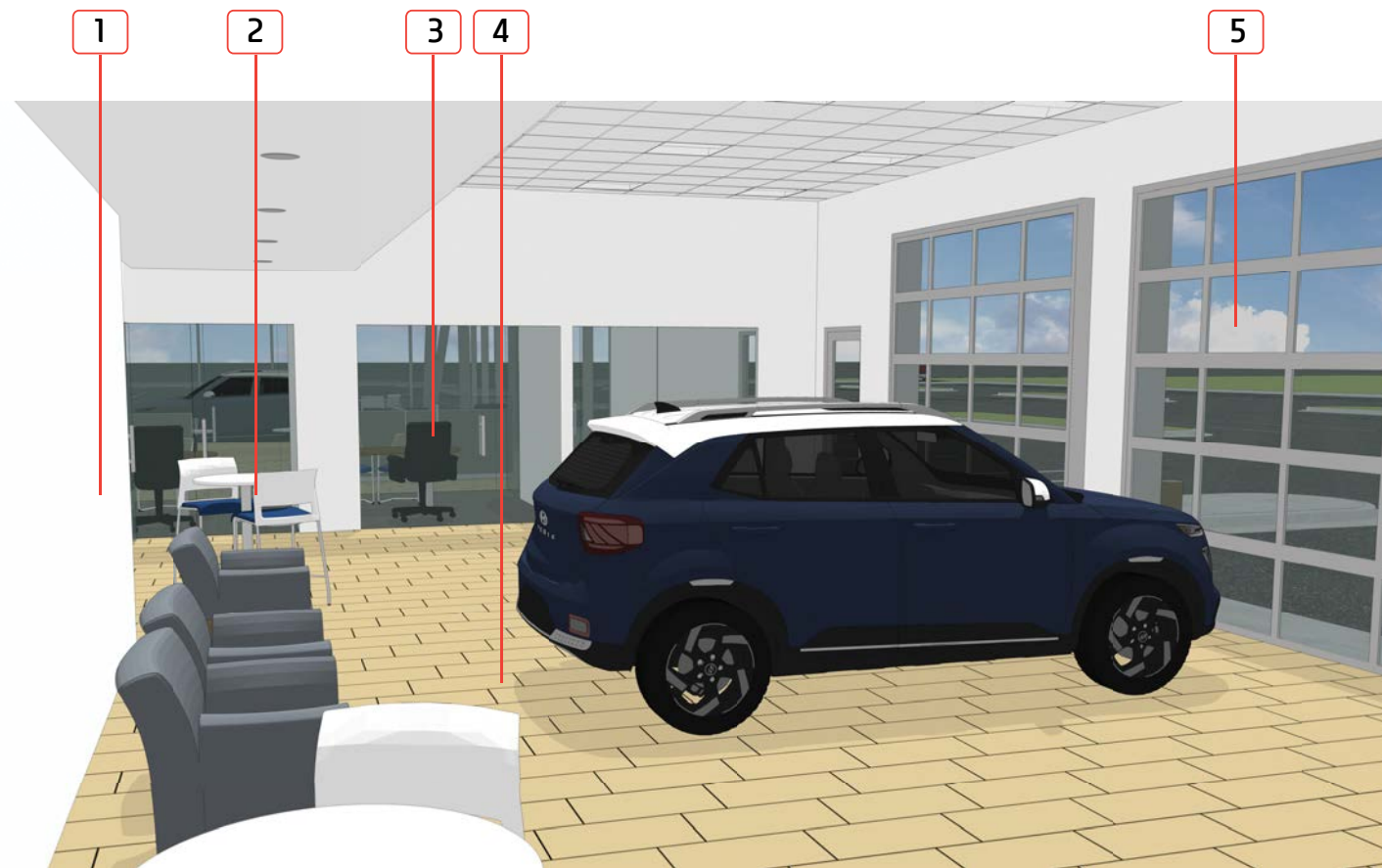
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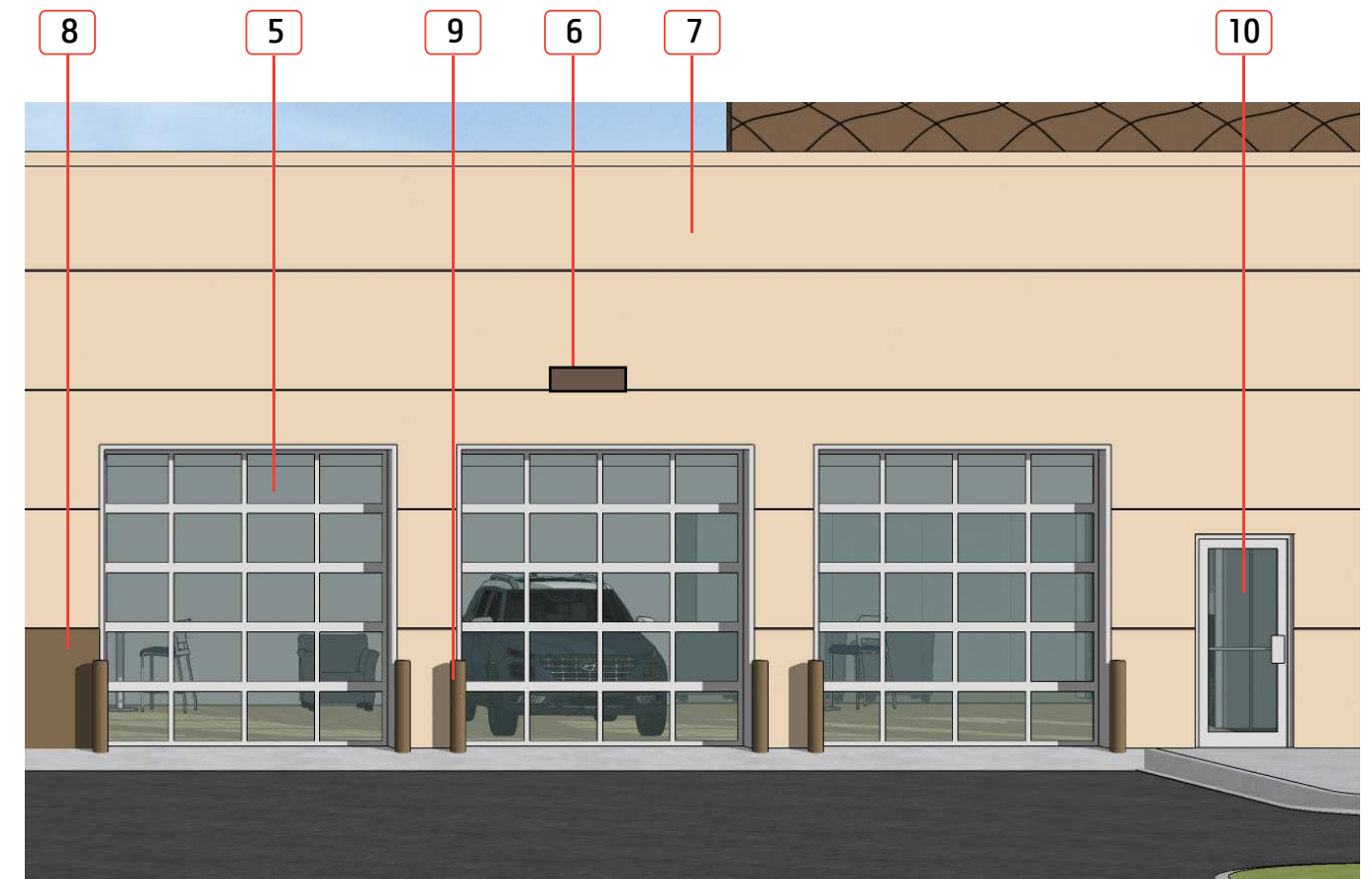
SIGNAGE





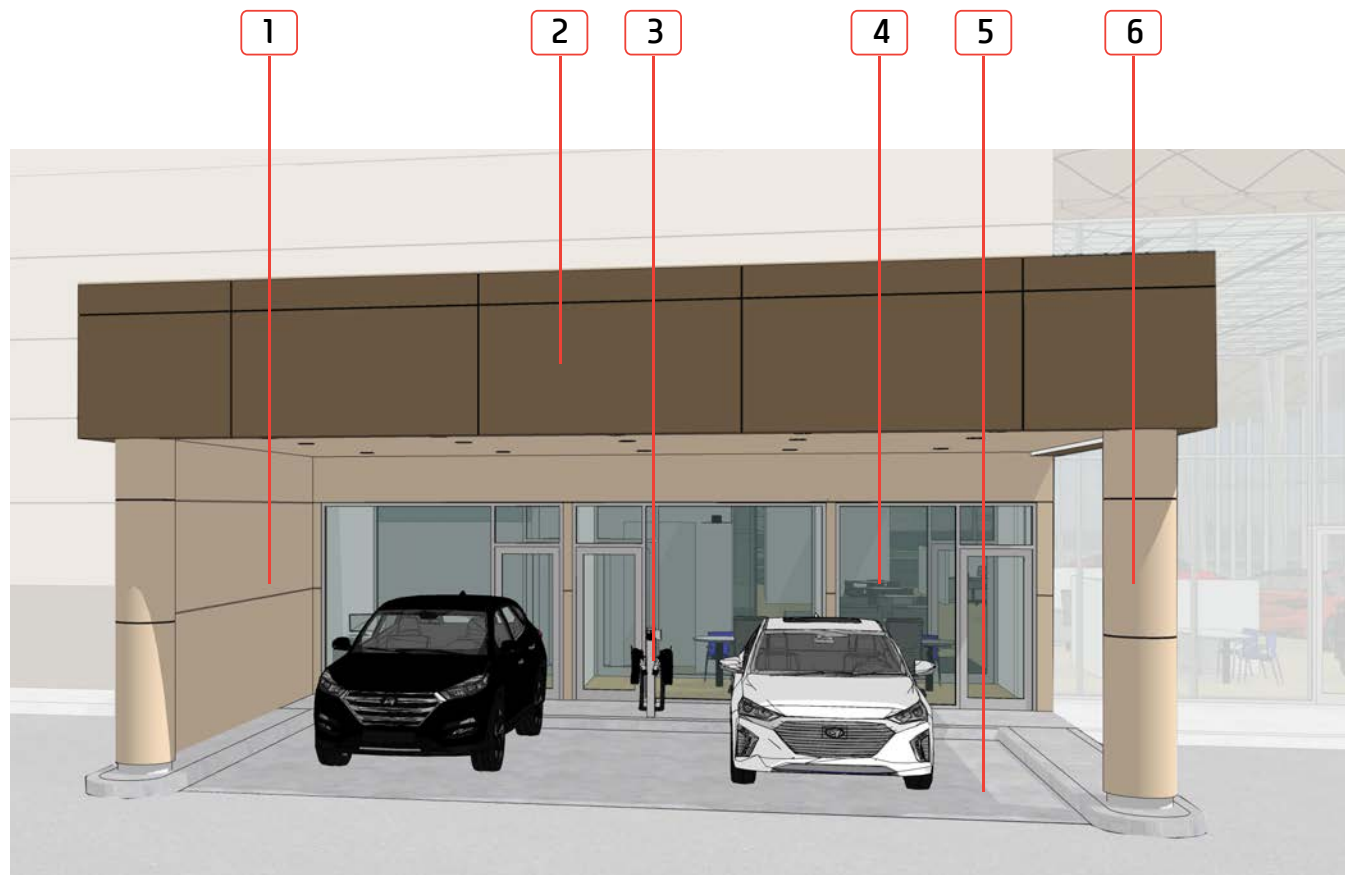
**ENCLOSED VEHICLE DELIVERY AREA**

- 1. ELECTRIC VEHICLE CHARGING STATION
- 2. DELIVERY AREA FURNITURE
- 3. F&I OFFICES
- 4. TILE FLOORING
- 5. GLASS SECTIONAL OVERHEAD DOORS



- 5. STUCCO FINISH "ANTLER VELVET"
- 6. EXTERIOR WALL PACK LIGHT FIXTURE
- 7. STUCCO FINISH "ANTLER VELVET"
- 8. 4'-0" WAINSCOT ("KAFFEE")
- 9. PIPE BOLLARD ("KAFFEE")
- 10. GLASS MAN DOOR





**COVERED VEHICLE DELIVERY AREA**

- 1. PRIVACY WALL
- 2. FLAT PANEL BRONZE ACM
- 3. ELECTRIC VEHICLE CHARGING STATION
- 4. F&I OFFICES
- 5. CONCRETE DELIVERY PAD & CURB
- 6. 24" ROUND COLUMN WITH ACM CLADDING



## SERVICE DRIVE & SERVICE ADVISOR REQUIREMENTS

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Service Drive Accessibility</b>	The Service Drive approach must be clearly visible from the street and on axis with the main entrance driveway. Side-entrance, drive-thru Service Drive Lanes are not permitted. See Design Manual, Sections 5.2 and 2.5 for prototypical layout and organizational standards.	●	●
<b>Service Drive Stacking</b>	Proper consideration must be given to vehicle stacking at peak periods. Size the Service Drive approach such that a sufficient number of vehicles can pull up within the building. Stacked vehicles must not interfere with site circulation or impede access to Sales or Service Customer Parking. See the Design Manual, Section 2.5.	●	●
<b>Service Drive</b>	The Service Drive must be fully enclosed and attached to the Hyundai Sales Facility. A minimum of two lanes are required with minimum accommodation for two cars in each lane (i.e., two-wide by two-deep). High-speed glass or aluminum and glass sectional overhead doors are required. Minimum Overhead Door dimensions to be 10'x10'. Man-doors are also required for customer and employee access & egress. All mullions and frames to be clear anodized aluminum. Flooring must be Epoxy or Tile with appropriate lane striping. Provide a Display Area on the outermost wall of the Service Drive, across from the Service Advisor Area, to display Tires, etc. See Design Manual, Sections 3.1, 3.13 and 4.24.	●	●
<b>Service Lane Signals</b>	Each Service Drive Lane must have a Service Lane Signal centered above the overhead door to help control the flow of traffic. Signals must be as specified in the Design Manual, Section 3.13 and 6.5.	●	⊙
<b>Digital Information Displays</b>	Each Service Drive Lane must be wired for future ceiling-mounted Digital Information Displays. Provide a minimum of one CAT VI and an electrical outlet per lane.	●	●
<b>Key Drop Box</b>	Key Drop Box must be installed adjacent to the man-door on the front elevation of the Service Drive Area. Local GC is responsible for the wall preparation and installation of the Key Drop Box. Key Drop Box is included in the CIP_2.0 Interior Branding Element Package and available from HMA Millwork Vendor: EWI Worldwide.	●	⊙
<b>Service Pipe Bollards</b>	Install 6" metal Pipe Bollards and fill with concrete to protect overhead door frames at Service Drive entrances. Bollards must be painted to contrast with adjacent walls as specified in the Design Manual, Section 3.13.	●	●
<b>Service Separation</b>	The Service Drive must be separated from the Service Department by overhead doors or a full height wall. Insulating sound from the Service Drive is of primary importance.	●	●
<b>Service Advisor Office</b>	Service Advisor Office must be located directly between the Service Drive Area and the Customer Lounge. Service Advisor Office/Desk must be separated from the Service Drive Area by glass doors/walls to ensure sound insulation while allowing maximum visibility. Utilize Distraction (Safety) Markers on glass as required. Service Advisor Office/Desk must be located so that they can see vehicles approaching and entering the Service Drive Area. Care must be taken to define a clear and safe pathway for customers crossing Service Lanes. A Digital Menu Board is highly recommended in the Service Advisor Write-up Area. CAT VI and an electrical outlet should be provided on the wall behind the Service Advisors to support P&S-related digital content; plan for a minimum of one monitor for every four advisors. All furniture, fabrics & finishes must be as specified in the Design Manual.	●	●

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Brand Standards - Service Drive

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SERVICE DRIVE & SERVICE ADVISOR REQUIREMENTS - CONTINUED			
ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Service Manager Office</b>	Service Manager Office must be directly adjacent to the Service Advisor Office and have a view of Service Drive and the Service Department whenever possible. The office must be enclosed with butt-glazed partitions and doors for sound privacy and security. All furniture, fabrics and finishes must be as specified in the Design Manual.	●	●
<b>Dedicated Service Advisor Internet Access</b>	Dealer must provide dedicated Service Advisor Internet Access in the Service Drive Area (i.e., WiFi service must not be shared with sales, parts, or technicians). Power and data ports should also be plentiful and readily accessible throughout the facility. See Design Manual, Section 4.40 for current standards.	●	●
<b>Furniture &amp; Finishes</b>	All furniture, fabrics and finishes in the Service Drive, Service Advisor Office and Service Manager Office must be as specified in the Design Manual.	●	●
<b>Lighting</b>	Provide a high level of lighting in the Service Drive Areas. Lighting must accentuate the vehicles and allow the Advisor and Customer to review issues. Lighting layout and fixtures must be as specified in the Design Manual, Sections 5.6 and 9.3-9.9.	●	●

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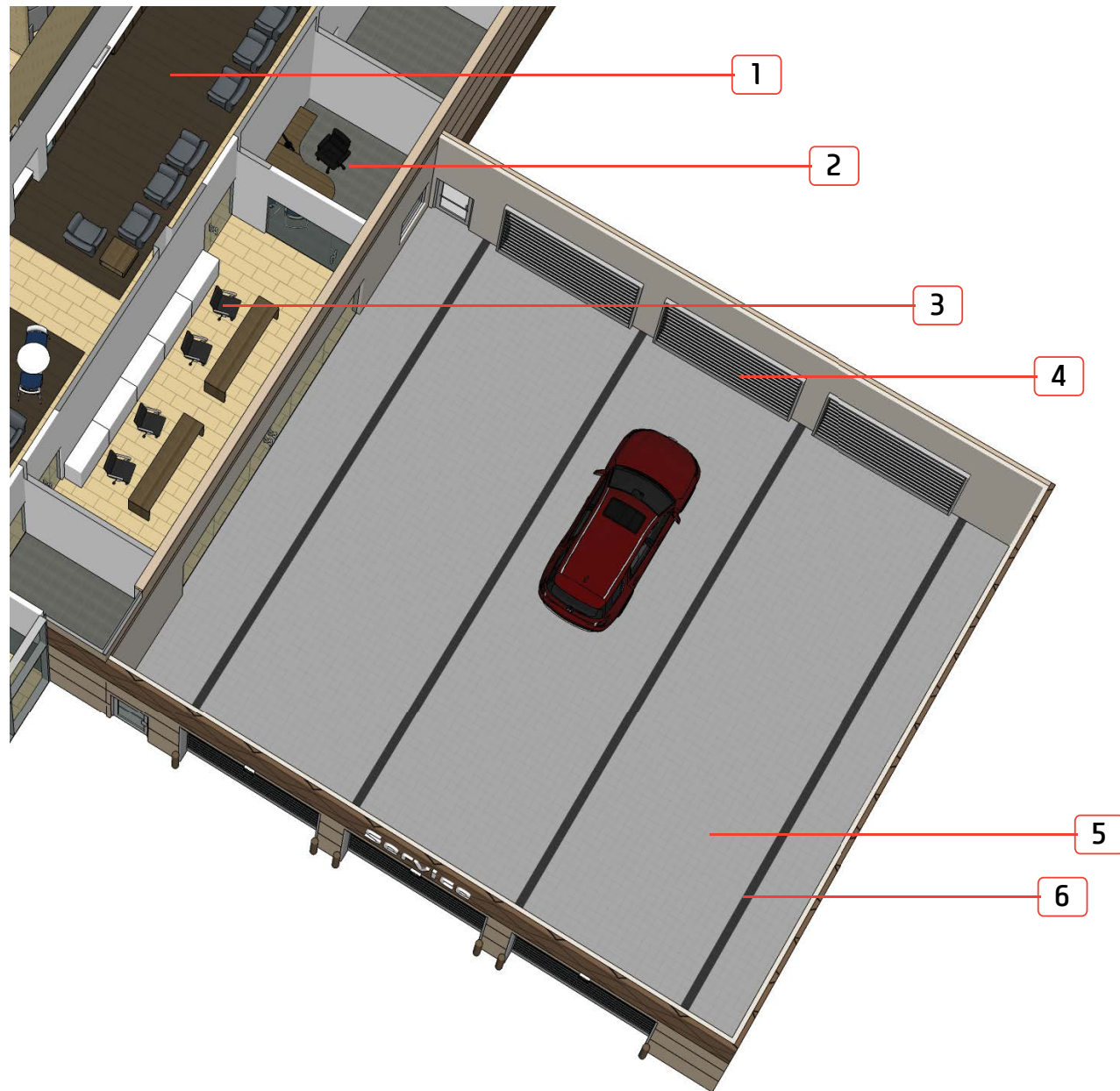
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### SERVICE DRIVE & SERVICE ADVISORS

1. CUSTOMER LOUNGE
2. SERVICE MANAGER OFFICE
3. SERVICE ADVISORS
4. RYTEC OVERHEAD DOOR
5. TROWELED EPOXY OR TILE (GRAY)
6. TROWELED EPOXY OR TILE LANE STRIPES (BLACK)



### SERVICE DRIVE

- A minimum of two lanes are required and each lane should be a minimum of two cars deep.
- High speed glass or aluminum & glass overhead doors are required. Minimum dimensions are 10'-0" x 10'-0". All frames to be clear anodized aluminum.
- Provide space on the outermost wall to display graphics, tires, & accessories.
- Service Reception walls shall be painted from the floor to ceiling with P-7, Sherwin Williams #7029 "Agreeable Gray".
- Vinyl base VB-3 "Night Black" shall be installed at the bottom of all walls.
- Floor finish and lane striping shall be either AutoStone's Enviroshop Series tile or Stonhard's StonClad GR epoxy system. Refer to Finish Schedule for details and contact information.



## CUSTOMER LOUNGE REQUIREMENTS

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Customer Lounge</b>	Customer Lounge must be located in the Sales Building, between the Showroom and Service Drive Area to provide easy access and allow service customers to view new display vehicles. If Service Drive is located in another building, an additional customer waiting area must be provided within the Showroom. All furniture, fabrics and finishes must be as specified in the Design Manual. See Design Manual, Sections 5.3–5.6 for prototypical layout and organizational standards.	●	◎
<b>Coffee Bar &amp; Backsplash</b>	A built-in Coffee Bar with glass tile backsplash must be provided in every Customer Lounge. Free-standing tables and vending machines are prohibited. The Coffee Bar must provide convenient access to an automatic drip coffee maker, refreshments & supplies and be readily accessible to the Customer Lounge and Showroom. Daily newspapers, snacks and under-counter, glass-front refrigeration for bottled water and soft drinks are encouraged. Millwork, solid surface counter tops and finishes must be as specified in the Design Manual, Section 4.29.	●	●
<b>Vending Area</b>	Vending Machines must not be located within the Customer Waiting Area. If utilized, they must be placed in an Employee Break Room and concealed from customer view.	●	●
<b>TV/Media Wall</b>	The Customer Lounge must include a Media Wall with large, flat screen TV (minimum of one). The Media Wall should be a focal point of the Lounge seating area and can be combined with the Coffee Bar and backsplash. Dealers are encouraged to subscribe to an approved digital content provider. CAT VI and an electrical outlet should also be provided adjacent to or near the TV/Media Wall to support P&S-related digital content.	●	●
<b>Customer Work Area</b>	A dedicated work desk area must be included within the Customer Lounge. This might be a share table, built-in worksurface, work corrals or high-top tables with access to power and charging ports for mobile devices. Millwork, solid surface counter tops, furniture and finishes must be as specified in the Design Manual.	●	●
<b>Dedicated Customer Internet Access</b>	Dealer must provide dedicated Customer Internet Access throughout the dealership (i.e., WiFi service must not be shared with sales, parts, or technicians). Power and data ports should also be plentiful and readily accessible throughout the facility. See Design Manual, Section 4.40 for current standards.	●	●
<b>Cashier Counter</b>	If a Cashier is utilized, the Cashier Counter must be visible and readily accessible to the Customer Lounge and Retail Parts Area. All millwork, furniture and finishes must be as specified in the Design Manual. <u>Note:</u> This function may be combined with the Retail Parts Counter or performed by the Service Advisors in lieu of a Cashier.	●	●
<b>Customer Restrooms</b>	Customer Restrooms must be modern, spacious, and well-appointed. They must be readily accessible to the Showroom and Customer Lounge. Single fixture restrooms are prohibited. All millwork, fixtures, accessories, and finishes must be as specified in the Design Manual, Section 6.10.	●	●
<b>Kid's Play Area</b>	The Kid's Play Area is an optional program element. If utilized, the room must be located between the Showroom and the Customer Waiting Area so that parents can oversee their children from either location. An enclosed room with butt-glazed partitions for sound privacy is preferred, but the room does not have to be enclosed. Design for safety and cleanliness. Utilize Distraction (Safety) Markers on glass as required. Power outlets should not be located in any accessible area and the space should be free of items that could cause a choking hazard for small children. All furniture, fabrics and finishes must be as specified in the Design Manual.	◎	◎

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Brand Standards – Customer Lounge

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## CUSTOMER LOUNGE REQUIREMENTS - CONTINUED

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Customer Lounge Floor Tile</b>	The Customer Lounge must have the specified 6"x24" porcelain tile. Carpet is also acceptable, but tile is preferred for superior wear and maintenance characteristics. Color, finish, placement, orientation, and location must be as specified in the Design Manual.	●	●
<b>Customer Lounge Ceiling</b>	The Customer Lounge Ceiling must consist of Tray Ceiling(s), painted Drywall and 2'x2' Acoustical Tile. At a minimum, the Tray Ceiling should be featured above the main customer seating area and TV/Media Wall. The ceiling may be finished in Shaped Sky Panels. Drywall should be used to frame the Tray Ceiling, Customer View Window and Accessory Display Modules. Color, finish, placement, orientation, and location must be as specified in the Design Manual, Sections 4.6, 4.28, 4.30 and 5.6. <u>Note:</u> Tray Ceiling(s) may be painted P-2 "Kaffee" if Shaped Sky installed in Showroom equals or exceeds 30% of total Showroom square footage.	●	●
<b>Furniture &amp; Finishes</b>	All furniture, fabrics and finishes in the Customer Waiting Room and Related Areas must be as specified in the Design Manual.	●	●
<b>Required CIP_2.0 Interior Branding Elements</b>	All facilities must include the CIP-2.0 Interior Branding Elements as manufactured and installed by HMA Millwork Vendor. Required Parts & Service Fixtures include: Accessory Display and Service Pledge Plaque. Placement to be in accordance with the Final Installation Diagrams provide by HMA Survey Vendor and the Design Manual, Sections 4.10-4.17.	●	●
<b>Lighting</b>	Provide a high level of lighting in the Customer Waiting Area, Retail Parts Areas and Restrooms. Lighting must be carefully designed to accentuate the space and any products on display. Tray ceilings, lighting layout and fixtures must be as specified in the Design Manual, Sections 5.6 and 9.3-9.9.	●	●
<b>Non-Compliant Interior Branding Elements</b>	Any element that is not compliant with the current GDSI 2.0 standards and all elements from prior HMA branding programs are prohibited and must be removed from the building.	●	●

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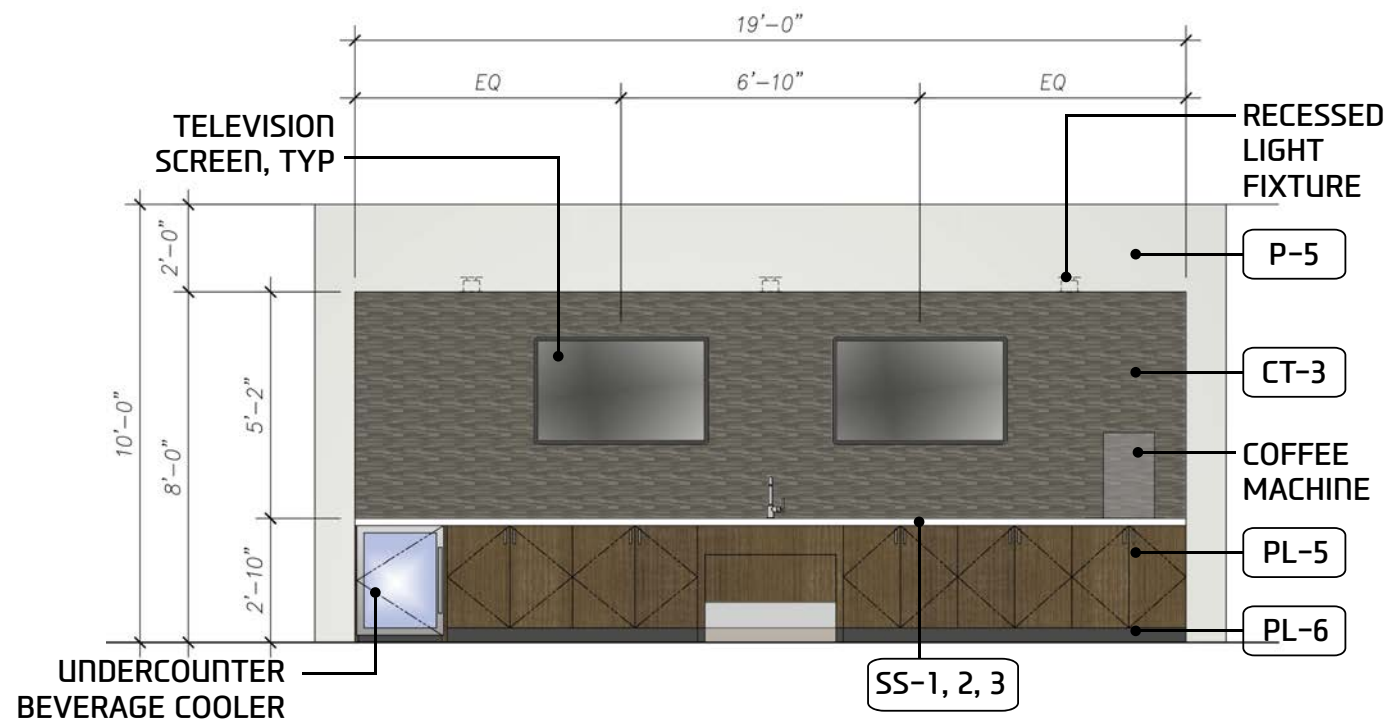
SIGNAGE



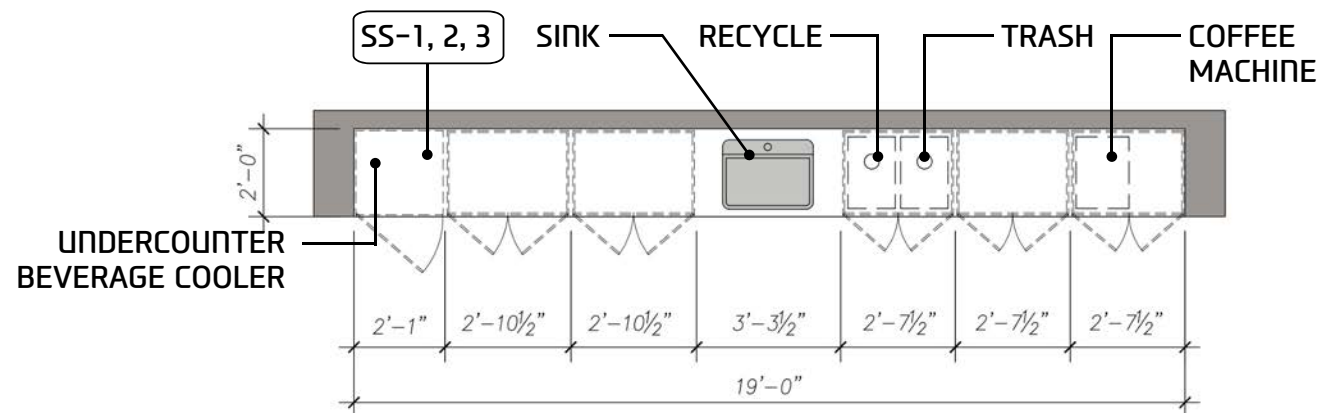


## Media & Beverage Bar

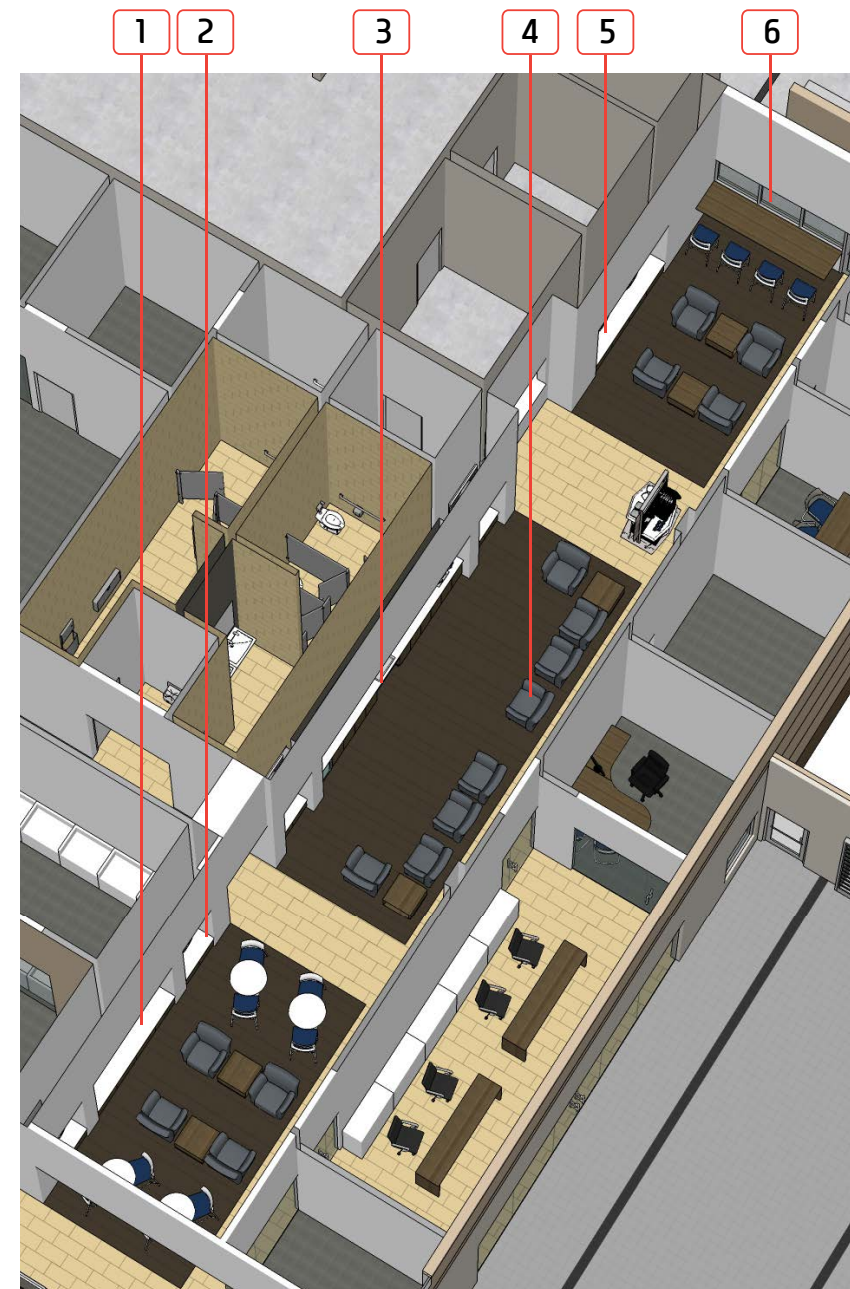
It is important to provide a comfortable and welcoming environment for the customer. A well appointed waiting area provides the customer a place to relax and spend productive time in the dealership as they wait for their vehicle to be serviced. The Media & Beverage Bar provides a focal point to that space and a place to offer fresh coffee, tea, bottled water, and snacks. It also provides an opportunity to show parts & service related digit content available thru subscription.



INTERIOR ELEVATION



MILLWORK PLAN



CUSTOMER LOUNGE

1. FEATURE DISPLAY
2. RETAIL ACCESSORIES DISPLAY
3. MEDIA & BEVERAGE BAR
4. CUSTOMER LOUNGE SEATING
5. RETAIL PARTS COUNTER
6. SERVICE VIEW WINDOW



### Service View Window

- Customer view to Express Service Bays
- Provide secure customer access to shop (Optional)
- Bar height counter with power & data ports
- Steelcase Program furniture
- Task lighting

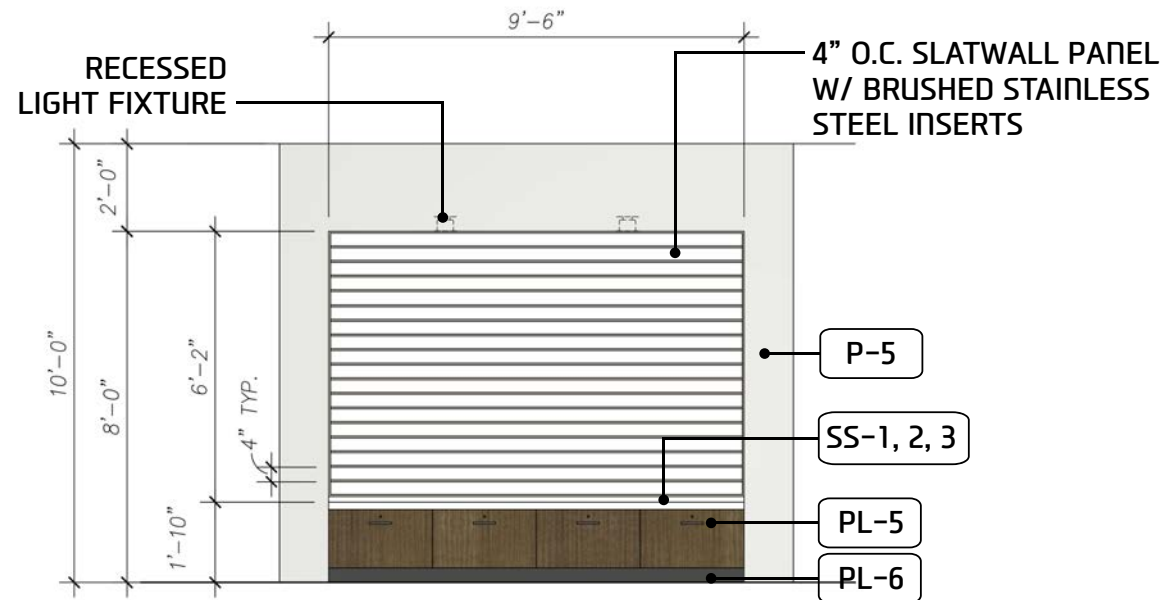


### Customer Lounge

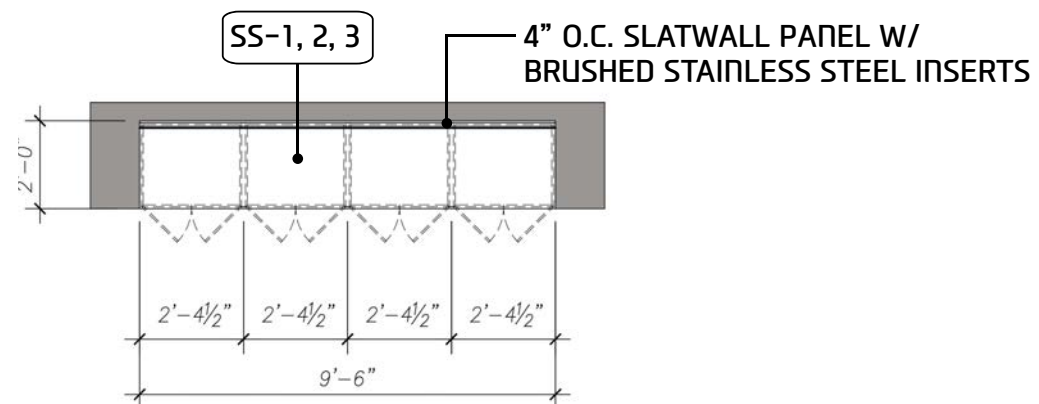
- Shaped Sky Tray Ceiling above seating area.
- Media & Beverage Bar
- Retail display modules
- Contrasting floor tile
- Steelcase Program furniture

## Accessory Display Modules

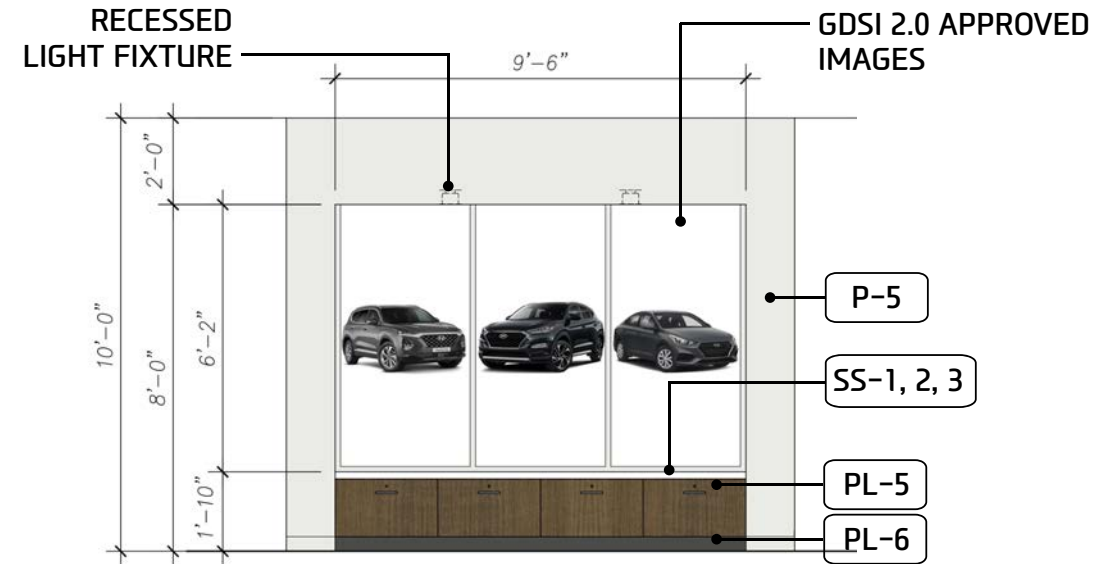
The opportunity to support marketing as well as retail efforts on behalf of Hyundai can be accomplished by providing Accessory Display Modules. These modules provide an opportunity to sell after-market and  $\Pi$  Performance accessories, to display Parts & Service related graphics, or showcase memorabilia and community participation awards. The aim is to provide a wider range of opportunities to support marketing and retail efforts on behalf of Hyundai along with the flexibility to evolve and change with program updates as they occur. Each display should be based on a linear 3'-0" module (width). Whenever possible, provide storage cabinets with brand compliant finishes below the display wall and accent lights to enhance the products.



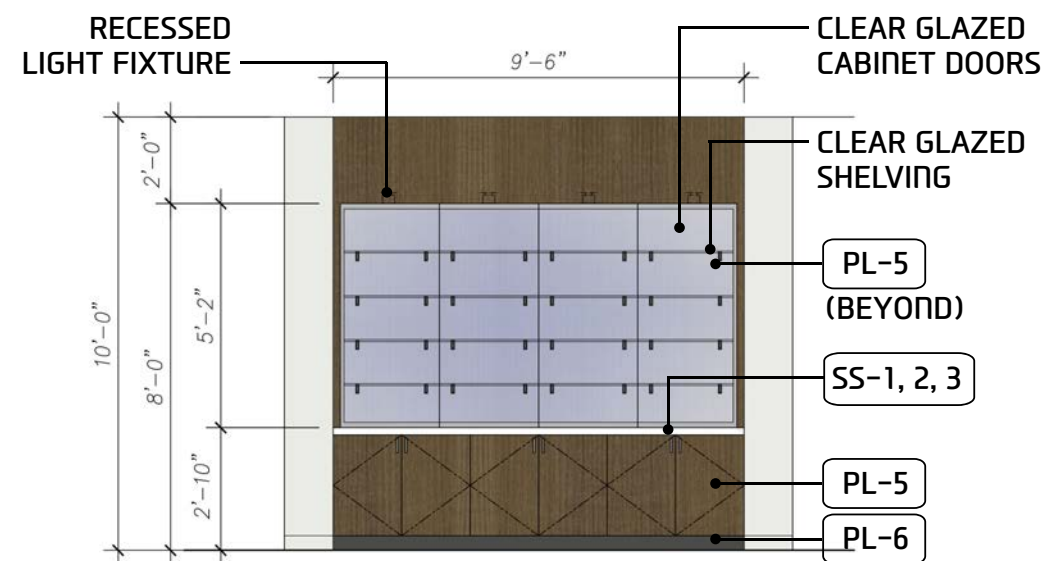
INTERIOR ELEVATION - RETAIL ACCESSORIES DISPLAY



STORAGE CABINET PLAN



INTERIOR ELEVATION - FEATURE DISPLAY



INTERIOR ELEVATION - SHOWCASE DISPLAY



## SERVICE DEPARTMENT REQUIREMENTS

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Customer Viewing Area</b>	Dealers must provide visibility to the Service Department. This may be achieved by way of a window into the shop or a defined walkway that allows customers to enter a defined area of the shop. Safety and security must be a primary design consideration.	●	⊙
<b>Service Department</b>	Dealers must provide a Service Department that meets or exceeds Hyundai Planning Guide standards. High-speed glass or aluminum and glass sectional overhead access doors are required. Minimum Overhead Door dimensions to be 14'x12'. Mullions to be clear anodized aluminum. Metal man-doors are also required for employee access & egress. Flooring must be Sealed Concrete with appropriate lane striping, but Epoxy or Tile are preferred and dealers are encouraged to utilize a floor cleaning machine from Tennant or similar to maintain these surfaces. Designate a clear and safe walkway to the Technician Parts Counter, Break Room and Restrooms and provide easily accessible technician safety equipment, including Eye Wash and Emergency Showers. All finishes must be as specified in the Design Manual, Sections 5.2-5.3 for layout and organizational standards.	●	●
<b>Service Bays</b>	A Service Bay is defined as a bay that incorporates a lift, including wheel alignment. All dealers must provide a minimum of six (6) Service Bays. Service Bays dimensions must be a minimum of 13'-0" x 25'-0" with a 20'-0" center drive aisle (70'-0" wide shop, minimum). End Bays and interior bays adjacent to fixed partitions or exterior walls must have an additional 30" of width minimum for clearance and circulation around the bay. Provide power, data, lighting, water, fluids, etc., as per the Design Manual, Section 5.3 and 4.35-4.37.	●	●
<b>Service Lifts</b>	Service Lifts can be above or below ground, dependent on dealer preference and local restrictions, but should be rated with a 10,000 lbs. capacity minimum. All vehicle lifts require certification by the Automotive Lift Institute (ALI). All Service Departments must have one (1) Alignment Rack; in-ground Alignment Racks are preferred. Use equipment manufacturer's standard "black" paint finish on all Service Equipment, Lifts, built-in workbenches and Tool Cabinets.	●	●
<b>Alignment Bays</b>	Dealers must have an Alignment Bay that is a minimum of 15'-0" wide by 25'-0" deep. Flush-mount racks are preferred. Drive-on racks are also acceptable, but they may require additional bay depth. Alignment bays shall incorporate Hunter Equipment as specified in the Hyundai Tool and Equipment Program. Use equipment manufacturer's standard "black" paint finish on all Service Equipment, Lifts, built-in workbenches and Tool Cabinets.	●	●
<b>Express Service Bays</b>	Dealers are encouraged to have an Express Service Operation within the Service Department. Speed lifts specifically designed for quick service with minimal lift times, are encouraged. See your Tool and Equipment Program representative for specific recommendations. Recommended ratio for express/competitive maintenance is ¼ of the total number of bays with a minimum of two. Express bays should be located for easy entrance and exit with additional space accommodation for fast moving parts storage	⊙	⊙
<b>Service Equipment Area</b>	Service Department must contain an area to house Service Equipment. Fixed equipment, such as tire changers, wheel balancers, compressor, etc., should be centrally located within the Service Department and protected by painted blocks walls. Miscellaneous moveable equipment such as jacks, stands, etc., should be housed in a secured space within or directly adjacent to the Service Shop. Use equipment manufacturer's standard "black" paint finish on all Service Equipment, Lifts and Tool Cabinets. <u>Note:</u> The EV Storage Room is required for safe battery storage and should be a minimum of 8'-0"x 8'-0". Utilize overhead doors for easy access and consider exterior access for deliveries and pick-up. Consult local codes for fire rated assembly requirements.	●	●

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## SERVICE DEPARTMENT REQUIREMENTS – CONTINUED

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Service Bay Workbenches and Tool Cabinets</b>	Every Service Bay must incorporate built-in Workbenches Tool Cabinets for technician tools, equipment, and fast-moving parts. The Workbenches and Tool Cabinets must be located at the front of the bay and include stainless steel countertops and a computer terminal. Phones at each stall are optional. Use standard “Black” paint finish on all Service Equipment, Lifts and Tool Cabinets. Review dealer needs with Hyundai Tool and Equipment Program Representative and consult the Design Manual, Section 4.37. for additional information.	●	●
<b>Service Special Tools</b>	Special Tools, as required by Hyundai and shipped through the Dealer Tool and Equipment Program, must be housed in the Hyundai provided Special Service Tool Cabinet and stored in the Service Equipment Area or Parts Department.	●	⊙
<b>Equipment Vendor</b>	Dealers are encouraged to use the Hyundai Tools and Equipment Program. Their industry-leading field sales organization and technical specialists will assist with product selection, application, maintenance, and support for “One-Stop Shopping” on all Service Department needs. See Design Manual, Section 6.11 for vendor contact information.	⊙	⊙
<b>Vehicle Charging Station</b>	At least one Level 2 Vehicle Charging Station must be provided in the Service Department Electric Vehicle Bay for repair diagnostics. The Charger must be wall-mounted and easily accessible to the Service Technician. See Design Manual, Section 4.38-4.39.	●	●
<b>Employee Lockers &amp; Restrooms</b>	Employee Restrooms must be provided for both male and female employees. Restrooms must be readily accessible to the Service Department and Technician Break Room. Single fixture restrooms are prohibited. Provide automatic hand wash station and water fountain near the entrance to the Technician Break Room and Employee Restrooms. Provide lockers, uniform staging, and laundry accessories. All fixtures, accessories and finishes must be as specified in the Design Manual.	●	●
<b>Technician Break Room</b>	A Technician Break Room must be provided in all Service Departments. This function should be grouped with the Employee Restrooms, but entrance to the Employee Restrooms through the Technician Break Room is prohibited. A location on an exterior wall with windows is preferred. Provide a kitchenette with refrigerator, sink and microwave oven. Millwork to contain upper and lower cabinets for storage as applicable. Storage lockers should also be provided within or adjacent to the Technician Break Room. All millwork, furniture and finishes must be as specified in the Design Manual.	●	●
<b>Technician Library</b>	Dealers must provide access to reference materials via a connected GDS-Mobile device and compatible Samsung printer. The recommended ratio of GDS-Mobile/VCI, to registered technicians is 1:1. Acceptable alternatives include computer terminals and printer accessible from each technician bay.	●	●
<b>Dedicated Service Technician Internet Access</b>	Dealer must provide dedicated Service Technician Internet Access in the Service Drive Area (i.e., WiFi service must not be shared with sales, parts, or service writers). See Design Manual, Section 4.40 for current standards.	●	●
<b>Furniture &amp; Finishes</b>	All equipment and finishes in the Service Department must be as specified in the Design Manual.	●	●
<b>Lighting</b>	Provide a high level of lighting in the Service Department and associated spaces. Lighting must clearly illuminate each vehicle and work bench. Between-bay lighting is preferred to reduce shadows and interference with overhead reels. Lighting layout and fixtures must be as specified in the Design Manual, Sections 5.6 and 9.3-9.9.	●	●

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## PARTS DEPARTMENT REQUIREMENTS

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Parts Department</b>	Dealers must provide a Parts Department that meets or exceeds Hyundai Planning Guide standards. Install sectional overhead access door as required. Minimum overhead door dimensions to be 8'x8'. Metal man-doors are also required for employee access & egress. Flooring must be Sealed Concrete, but Epoxy is preferred. Designate an area for unattended/after-hours parts delivery. All finishes must be as specified in the Design Manual.	●	●
<b>Retail Parts Counter &amp; Display</b>	The Retail Parts Counter and associated Retail Display should be located near the Customer Lounge. The minimum counter space should be 48" in width. Millwork, solid surface counter tops, furniture and finishes must be compliant with the Design Manual. Lighting layout and fixtures must be as specified in the Design Manual.	●	⊙
<b>Accessory Display Modules</b>	Retail Accessories Display, Feature Display and Showcase Display Modules should be located within the Customer Lounge. These modules provide an opportunity to feature after-market and TI Performance accessories, graphics, and dealer-related memorabilia. Each display should be based on a 3'-0" linear module (width) and may include storage base cabinets. See Design Manual, Sections 4.28 and 4.31.	●	⊙
<b>Technician Parts Counter</b>	A Technician Parts Counter must be provided in all dealerships. The Parts Counter must have direct access to the Service and Parts Departments. An enclosed room is preferred for sound privacy. The Parts Counter must have a stainless-steel top for durability and a minimum of 4 linear feet of countertop for every Parts Counter Specialist. Parts Counter Area should also include or be directly adjacent to high density storage bins for fast-moving parts and have designated space for Special Order Parts, Warranty Parts return, battery cores and battery racking. Utilize 42" man-doors (minimum width) to the Service Shop to allow the transfer of larger items.	●	●
<b>Parts Manager Office</b>	A Parts Manager Office is required. The Office should be located adjacent to the Technician Parts Counter and have a view of the Parts Department. The Office must be enclosed with walls and doors for sound privacy and security. All furniture, fabrics and finishes must be as specified in the Design Manual.	●	●
<b>Equipment/Racking</b>	Parts Racking Systems are available through the Hyundai Dealer Equipment Program. Use standard "black" paint finish to match Service Equipment.	●	●
<b>Furniture &amp; Finishes</b>	All furniture and finishes in the Parts Department must be as specified in the Design Manual.	●	●
<b>Lighting</b>	Provide a high level of lighting in the Parts Department and illumination of all racks/shelves. Lighting should be installed on a diagonal to allow the reconfiguration of racking if required. Lighting layout and fixtures must be as specified in the Design Manual, Sections 5.6 and 9.3-9.9..	●	●

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FASCIA &  
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SHOWROOM  
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VEHICLE  
DELIVERY

SERVICE  
DRIVE

CUSTOMER  
LOUNGE

SERVICE &  
PARTS

**SERVICE &  
PARTS**

PROTOTYPE  
DESIGN

SIGNAGE





## SERVICE SHOP FLOOR FINISHES

- Flooring must be sealed concrete with appropriate lane striping, but trowel epoxy or tile are preferred.
- Dealers are encourage to utilize a floor cleaning machine to maintain these floor surfaces.

## SERVICE SHOP LIGHTING REQUIREMENTS

- Industry standard average illumination level for Service Shop areas is 75 footcandles, but is dependent on a number of variables. Consult LSI for photometric studies & recommendations



## SERVICE SHOP COLOR SCHEME

- All fixed service equipment must be painted standard gloss black.
- The primary wall color from the floor to 7'-2" is P-8, Sherwin Williams #9111 "Antler Velvet".
- The walls and ceilings above 7'-2" shall be painted P-7, Sherwin Williams #7029 "Agreeable Gray".
- All swinging doors and frames shall be painted P-2, Sherwin Williams #6104 "Kaffee".
- All partial height partitions in the Service Shop must include a canted top to discourage use as a shelf.
- Overhead reel housing should be black.





### Dealer Recommended Shop Equipment Checklist

Below is a key table to use in determining tool and equipment requirements. In order to best serve the needs of the customer, a dealership's volume will affect the quantity of some items.

Key Table:	5 Year UIO	P.V.	Total Month R.O.	Service Bays
Small Dealership (A)	0 - 1,699	0 - 299	0 - 499	1 - 9
Medium Dealership (B)	1,700 - 3,799	300 - 999	500 - 1,199	10 - 25
Large Dealership (C)	3,800+	1,000+	1,200+	26+

#### Recommended Shop Equipment

Description	Suggested Mfg/Model/Item Number	Required Quantity		
		A	B	C
	Equivalents Acceptable			
Key Cutter/Duplicating Machine	BD Laser Key Code (425-9200000)	1	1	1
A/C Leak Detector	TIF ZX-1 Model (49-TIFZX-1)	1	1	2
A/C service equipment	Robinair R134A Charge Station (42-34788)	1	1	1
Vacuum Pump and gauge (EVAP Test)	Mighty Vac (J-42909)	1	1	1
On-Car Brake Lathe	Pro-Cut /PFM9.0 (38-PFM 90.5)	1	1	1
Vehicle Lift 10,000 lb.	Rotary Two-post surface lift (39-SPOA10)	3	5	9
Tire Changer	HUNTER TC3700 1-TC3710-E	1	1	1
4-wheel Alignment System	Hunter Hawk Eye Elite Series	1	1	1
Engine Support Table	204-BX-75G	1	1	1
Cooling system pressure tester	697-95-0700	1	1	1
Floor jack	OTC (16-1510B)	1	1	1
Hydraulic transmission jack	OTC (16-1728)	1	1	1
Hydraulic engine hoist	OTC (16-2002)	1	1	1
10 Ton Hydraulic press	311-78013A + Access Kit 311-78025	1	1	1
Jack stands	OTC (Various available)	2pr	2pr	2pr
Engine stand	Engine Stand - 1250 Ton (311-78125)	1	1	1
6" Shop vise	223-10010	1	1	1
Wet/Dry Shop Vacuum	313-5702504	1	1	1
LED Drop Light	223-1940-8011	8	12	16
Vacuum brake bleeder	16-8104A-SET	1	1	1
Strut spring compressor	223-7600	1	1	1
Air compressor system	Champion Duplex (27-HR7D12ADV-230-3)	1x5hp	2x5hp	2x7hp
Roll around waste oil drain	11-238-866	2	3	4
Overhead reels	11-HPM65B For 4 units	4	6	8
Fluid/Oil pumps	11-203876 4 units	4	6	8
Bulk oil storage tank	Cost is capacity dependant	1	1	1
Waste oil tank	Cost is capacity dependant	1	1	1
Car wash system	BROADWAY (89-0789)	1	1	1
Parts cleaning tank	425-OEAOPW10157	1	1	1
Shop auto exhaust gas removal system	EuroVent Vehicle Exhaust Extraction	1	1	1
Combination Brake Disc/Drum Lathe with adapters & accessories	Hunter BL505 (1-BL505D-AB)	1	1	1
Floor scrubber	313-2302051	1	1	1
Fuel caddy	155-993000UL	1	1	1
Oil filter crusher	16-1821	1	1	1
Jump starter	110-6256	1	1	1

#### Ordering Information:

Call us at: 1-866-539-4248

Email us at: [desinquiry@servicesolutions.spx.com](mailto:desinquiry@servicesolutions.spx.com)

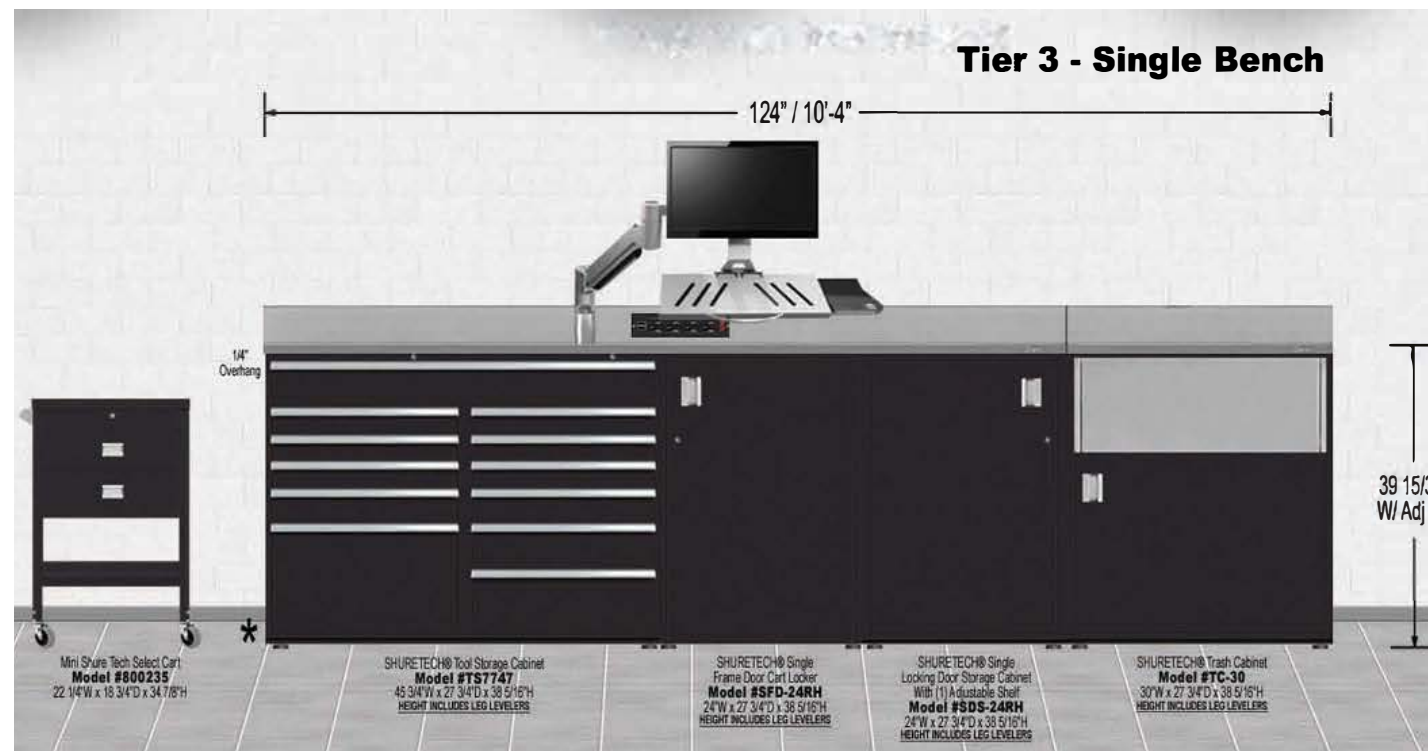
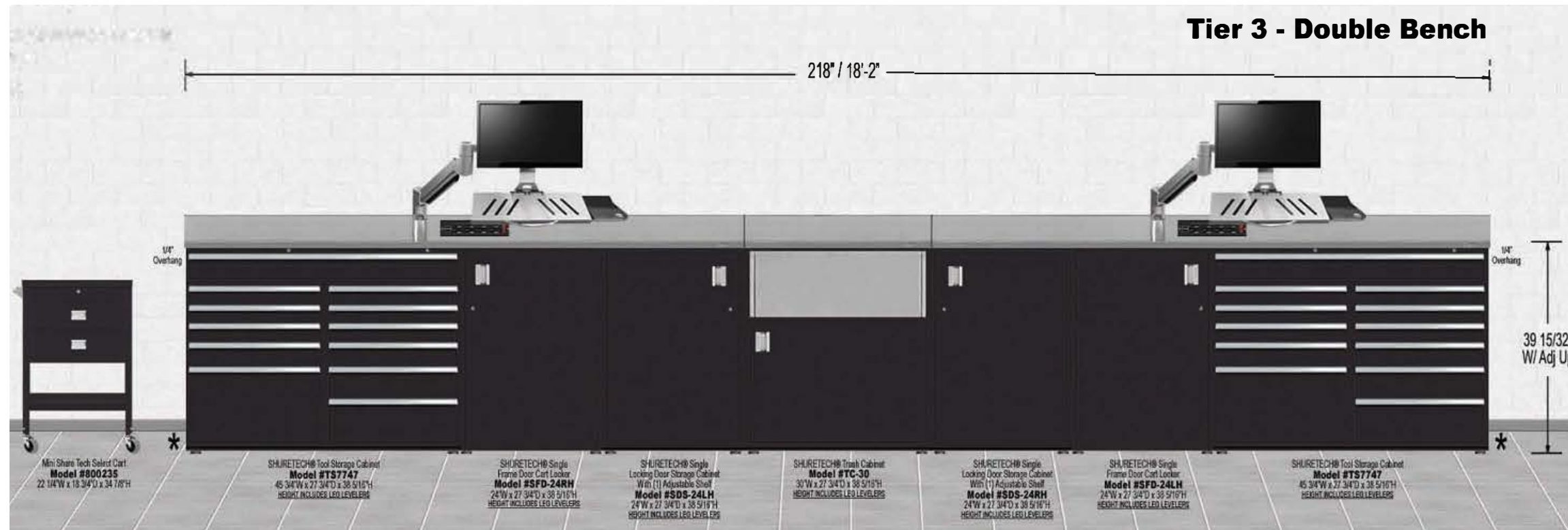
Visit us online at: [www.HyundaiDealerSolutions.com](http://www.HyundaiDealerSolutions.com)

Hours of Operation are 9am to 5pm (Eastern Time) Monday - Friday

#### Billing Information:







Invoices are sent by way of Hyundai dealers open parts statement or financing is available through SPX, Hyundai Motor America's valued partner in helping dealers.





## WORKBENCH SYSTEMS

- Single and Double Workbench Configurations for Hyundai Motor America by Shure Manufacturing Corporation.
- Cabinets, carts, & lockers to be finished in gloss black. All benchtops to be Stainless steel.
- Minimally, a technician's workbench (as shown) should measure approximately 40" in height, 30" in depth and 124" wide for a single-bay workbench. A double-bay workbench should measure approximately 218" wide.
- Optionally, upper storage cabinets & monitor cabinets can be added as required. Additional storage cabinets, if incorporated, shall be supplied by the same vendor as distributed through the Hyundai Equipment Program.
- Each Service Bay with a lift is required to have, at a minimum, four (4) 120v outlets, an air line, recoil lighting and dedicated ports for phone and computer access. Dealers are highly encouraged to provide water and maintenance fluids via overhead delivery reels.

Type	Bosch/ChargePoint+ CPF25 Model	
<p>32A Level-2 Wall Mounted (Service &amp; Sales Inside or Outside)</p>	<ul style="list-style-type: none"> <li>• Up to 25' hard wired wall mount.</li> <li>• 240V / 32 AMP</li> <li>• 7.2 kWh charge capability or better.</li> <li>• Hardwired or Plug-in options available.</li> <li>• Adjustable Amp Output on Bosch 6-EL-50600-D.</li> <li>• ChargePoint+ Models are Wi-Fi/Cellular capable.</li> <li>• Indoor/Outdoor compatible</li> </ul> <p>Please visit websites for complete details. CPGW1 ChargePoint Gateway required companion to the ChargePoint models.</p>	<p>Bosch Models shown are non-connected chargers:</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Model: 6-EL-51245-B</p> </div> <div style="text-align: center;">  <p>Model: 6-EL-50600-D</p> </div> </div> <p>ChargePoint+ Models Shown</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Model: CPH25 <small>(Wi-Fi Model)</small></p> </div> <div style="text-align: center;">  <p>Model: CPF25 <small>(Cellular Model)</small></p> </div> </div>
<p>32A Level-2 Pedestal Mounted (Sales Outside)</p>	<ul style="list-style-type: none"> <li>• Single mount: (up to 25')</li> <li>• Dual mount: (up to 25')</li> <li>• 240V / 32 AMP</li> <li>• 7.2 kWh charge capability or better</li> <li>• Scalable Access Control</li> </ul> <p>All CT4000 Series Stations require a network service plan. Please visit website for complete details.</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Model: 6-EL-50650-GNT-B</p> </div> <div style="text-align: center;">  <p>Model: CT4025</p> </div> </div>

## ELECTRIC VEHICLE CHARGING STATIONS (PHEV'S + EV'S)

### SERVICE DEPARTMENT (REQUIRED):

Wall mount at least one EV Charging Port within the Service Department Electric Vehicle Bays. It should be easily accessible for repair diagnostics and recharging prior to service delivery.  
Requirement for ZEV & Non-ZEV States: One (1) Level-2 charger.

### VEHICLE DELIVERY AREA (REQUIRED IN ZEV STATES):

Locate at least one EV Charging Port in the Vehicle Delivery Area to teach new customers how to use the EV charger.  
Requirement for ZEV States: One (1) Level-2 charger.  
Requirement for Non-ZEV state: Pre-wire for One (1) Level-2 charger.  
Note: Optional unless required by state or local government (ZEV Legislation).

### CUSTOMER PARKING / PUBLIC (REQUIRED IN ZEV STATES):



Locate at least one pedestal or wall mounted EV Charging Port in a location at the front of the store, visible from the public right-of-way and easily accessible for customer use. Install with Hyundai custom wrap to clearly identify the chargers.  
Requirement for ZEV States: One (1) Level-2 or Level-3 charger. If Level-2, must pre-wire for two 3" conduits future Level-3.  
Requirement for Non-ZEV state: Pre-wire two 3" conduits for at least (1) Level-3 charger. Optional unless required by state or local government (ZEV Legislation). If public EV charging stations are not installed, dealer must install two 3" conduits for future use.v

### CONFIGURATIONS:

Single Port – Wall Mounted or Pedestal Mounted  
Dual Port – Pedestal Mounted



## DC Fast Charger Suggested Equipment - Bosch and ChargePoint+

Type	Specs	
Bosch DC Fast Charger LEVEL-3	<ul style="list-style-type: none"> <li>• Input Power: 208V – 277V <u>Single Phase</u> 165A</li> <li>• 25kW DC Fast Charger</li> <li>• 20 foot cord length</li> <li>• Wall or Optional Pedestal Mount</li> <li>• Multiple Access Control Options</li> <li>• Indoor or Outdoor Installation</li> </ul>	 <p>6-EL-52240</p>
Chargepoint DC Fast Charger LEVEL-3	<ul style="list-style-type: none"> <li>• Input Power: 480V AC <u>3-Phase</u> 26.6kW @ 32A</li> <li>• Power Output: 24kW @ 387-500V. 62A max</li> <li>• 20 foot cord length</li> <li>• Auto-detect plug connector</li> <li>• Wall or Pedestal Mount</li> <li>• CCS1 Connector</li> </ul> <p>Note: All CPE100 stations require a cloud plan</p>	 <p>CPE100I-CMB</p>

### ALL-ELECTRIC VEHICLE CHARGING STATIONS (EV'S ONLY)

**PLEASE NOTE:**

The equipment shown above is for charging fully electric (EV) vehicles only and is **not to charge plug-in hybrid electric vehicles with internal combustion engines (PHEV's)**. Batteries in fully electric EV vehicles are larger; the vehicles are predicted to have increased mileage ranges and require **DC Fast Chargers** to charge in a timely manner. AC Input Voltage is typically 3-phase, 480v for these units.

Contractor, Infrastructure and Utility requirements for DC Fast Chargers should be considered for current or future installation of these chargers. **If public EV charging stations are not installed the dealer should install a minimum of two 3" conduits to all charging locations for future growth.**

**SERVICE DEPARTMENT (REQUIRED):**

Requirement for ZEV & Non-ZEV States: One (1) Level-2

**VEHICLE DELIVERY AREA (REQUIRED IN ZEV STATES):**

Requirement for ZEV States: One (1) Level-2.

Requirement for Non-ZEV state: Pre-wire for One (1) Level-2 charger.

**CUSTOMER PARKING / PUBLIC (REQUIRED IN ZEV STATES):**

Requirement for ZEV States: One (1) Level-2 or Level-3 charger. If Level-2, must pre-wire for future Level-3.

Requirement for Non-ZEV state: Pre-wire for One (1) Level-3 charger.



INTERIOR ELEMENTS | **4.39**  
Electric Vehicle Chargers for EV's only

09/30/2020

# FACILITY NETWORK INFRASTRUCTURE REQUIREMENTS

## Overview

HMA requires dealerships to provide effective, reliable, and secure networking capability throughout the dealership facility footprint to support the use of Internet connected applications including such tools as DMS, CRM, wireless sales & service tools, guest WiFi, IP telephony, IP video surveillance, etc. The scope of these requirements includes the physical cabling. These requirements will help ensure reliable communication with current HMA systems and 3rd party systems dealerships rely on for operations, customer experience and provide an infrastructure foundation to better handle future growth of network enabled tools.

## Cabling & Infrastructure

Data (Ethernet) Cabling	Category 6a
LAN Topology	<ul style="list-style-type: none"> <li>LAN wiring terminate in wiring closet</li> <li>Cable drops/termination points throughout entire dealership facility indoor and outdoor locations to accommodate devices including but not limited to: Wi-Fi access points (AP), IP telephones, workstations, tech tools, Internet connected displays, media players and foreseeable up and coming new technology devices</li> </ul>
Location/Security	Networking and related equipment should be located in a lockable secure room / wiring closet
Power	Electrical service capacity to support Power over Ethernet (POE), uninterruptible power supplies (UPS)

## Wi-Fi Network

Coverage	WiFi should be accessible within the entire dealership footprint, interior, exterior and lots (E.g. showroom, service bays, guest areas, service lanes)
WiFi standard	802.11ac
Capabilities and Configuration	<ul style="list-style-type: none"> <li>WPA2 security or better</li> <li>VPN support</li> <li>Commercial grade, controller based (cloud based controllers are preferred)</li> <li>Power over Ethernet (PoE)</li> <li>PCI compliance reporting</li> <li>Password rotation management</li> <li>Rogue access point detection</li> <li>Multiple SSID support with VLAN tagging</li> <li>Segmented VLAN (separate Wi-Fi network for dealership and guest use)</li> <li>Built-in stateful layer 3 and layer 7 firewall</li> <li>Layer 7 traffic shaping</li> <li>Mobile device management (MDM)</li> <li>Integrated Bluetooth Low Energy (BLE) beacon support</li> <li>WiFi presence analytics</li> </ul>

## Internet Connectivity Bandwidth

Dealerships are required to maintain sufficient bandwidth to communicate with HMA systems effectively.

## Customer WiFi must be dedicated to customer access and not shared with sales, parts or technicians.

The same limited access is expected for Sales, Customer Lounge, Service Advisors and Parts & Service – each department should be isolated from the others.

## Cabling & Infrastructure

Number of Endpoints (E.g. PC, network connected and mobile devices)	Recommended Bandwidth
20 or fewer	16 Mbps down, 3 Mbps up
21-50	50 Mbps down, 10 Mbps up
More than 50	100 Mbps down, 20 Mbps up

Your dealership's actual bandwidth requirement depends on individual dealership usage patterns such as:

- Non-business Internet usage, e.g. media downloads, streaming, file-sharing
- Guest Internet usage
- Cloud-based dealership applications
- Online video training
- Virus, spyware, and other malicious network intrusions
- HMA recommends avoiding signing long term ISP contracts to maintain bandwidth flexibility.

## Backup ISP / WAN Connection

HMA requires dealerships to maintain an automated failover ISP (WAN) connection. This is a failover circuit that is used in the event your primary ISP is interrupted that allows uninterrupted connection to HMA systems and other critical systems such as DMS and CRM. Consider backup providers using different backbone connections from different providers such as DSL, cable modem, fiber, or 4G/LTE fixed wireless.

## Dedicated Internet Access

Dealer must provide dedicated internet access to the following departments (i.e. wifi service must not be shared with other departments).

- Sales
- Customer Lounge: Power & data ports should be plentiful and readily accessible.
- Service Advisors
- Service & Parts



NON-CUSTOMER FACING SPACE			
ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Dealer Office</b>	Dealer Office is optional, but encouraged. If visible to the Showroom or customers, all furniture, fabrics, and finishes must be as specified in the Design Manual.	⊙	⊙
<b>Conference, Training &amp; Internet/Sales Work Rooms</b>	Conference, Training, Internet, and Sales Workrooms are optional, but encouraged to provide training and support. They can be separate rooms or combined into multi-purpose rooms. If visible to the Showroom or customers, all furniture, fabrics, and finishes must be as specified in the Design Manual.	⊙	⊙
<b>Employee Break Room</b>	An Employee Break Room must be provided within the dealership. This can be a separate room or combined with the Conference or Training Rooms to create a multi-purpose room. Provide a kitchenette with refrigerator, sink and microwave oven. Millwork to contain upper and lower cabinets for storage as applicable. Storage lockers should also be provided within or adjacent to the Employee Break Room. All millwork, furniture and finishes must be as specified in the Design Manual.	●	●
<b>Business Office</b>	Business Office is optional but encouraged. If visible to the Showroom or customers, all furniture, fabrics, and finishes must be as specified in the Design Manual.	●	●

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CUSTOMER

**PROTOTYPE  
DESIGN**

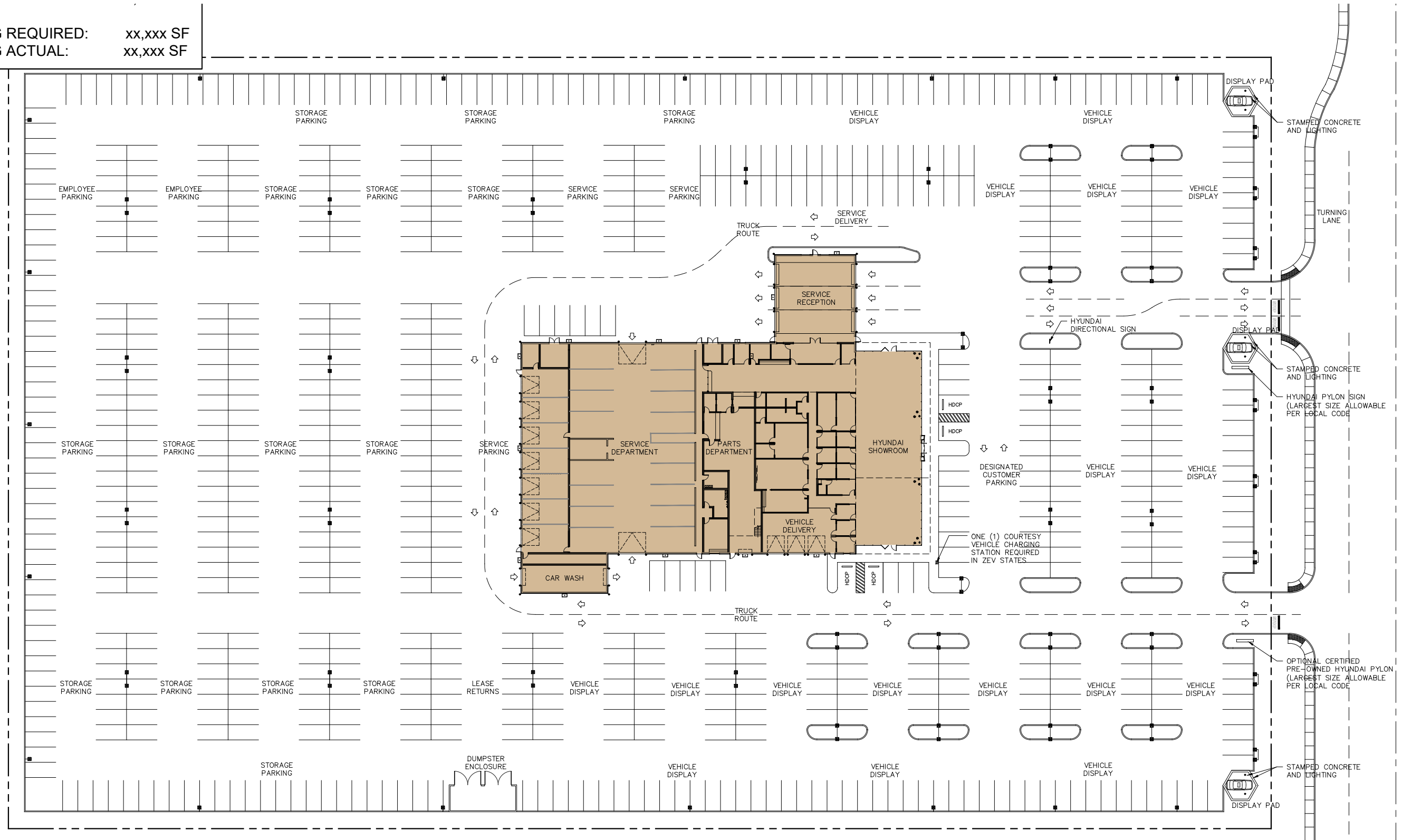
SIGNAGE



PROTOTYPE DESIGN | **5.1**

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BLDG. PG REQUIRED: xx,xxx SF  
BLDG. PG ACTUAL: xx,xxx SF

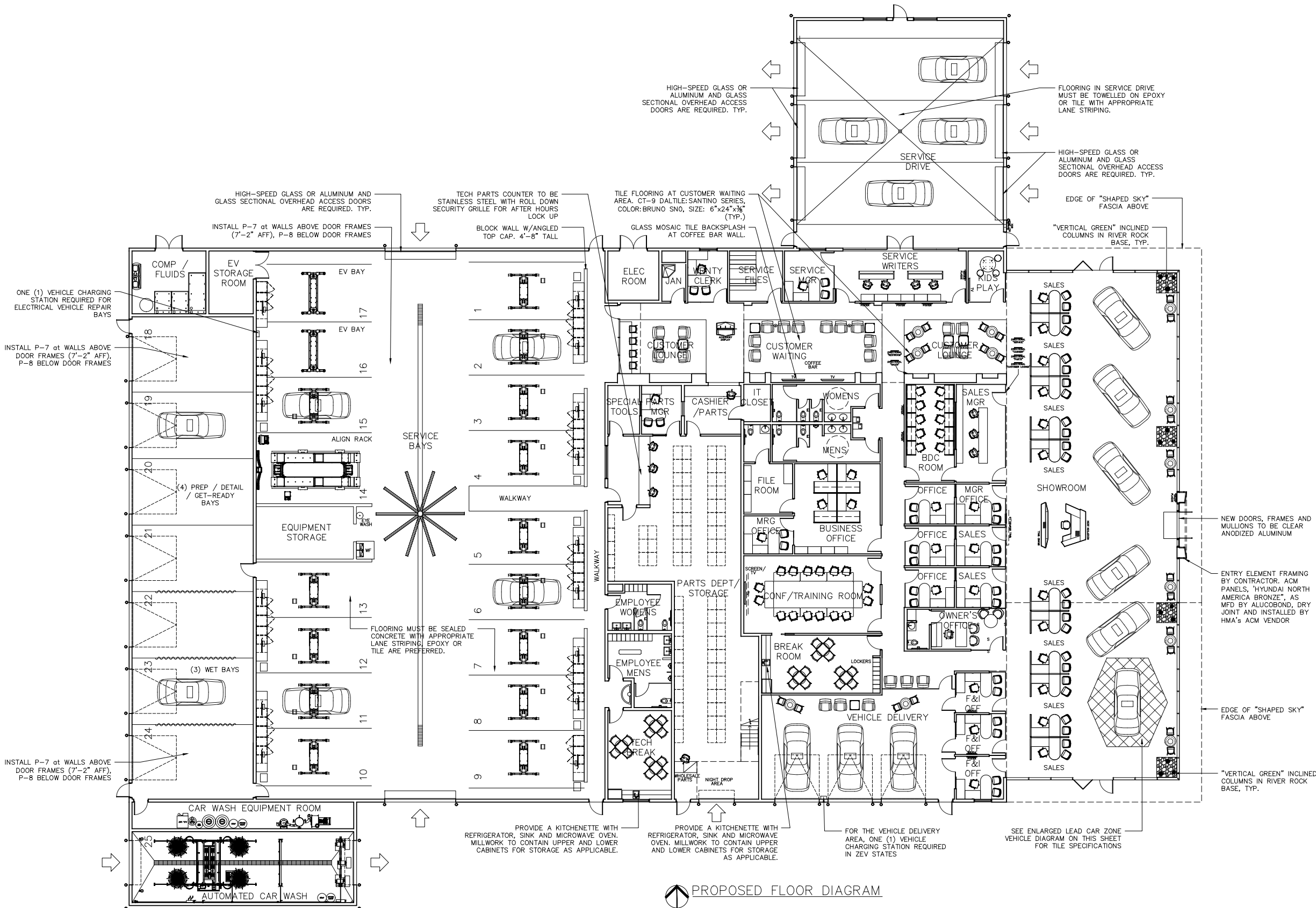


PROTOTYPE DESIGN

5.2

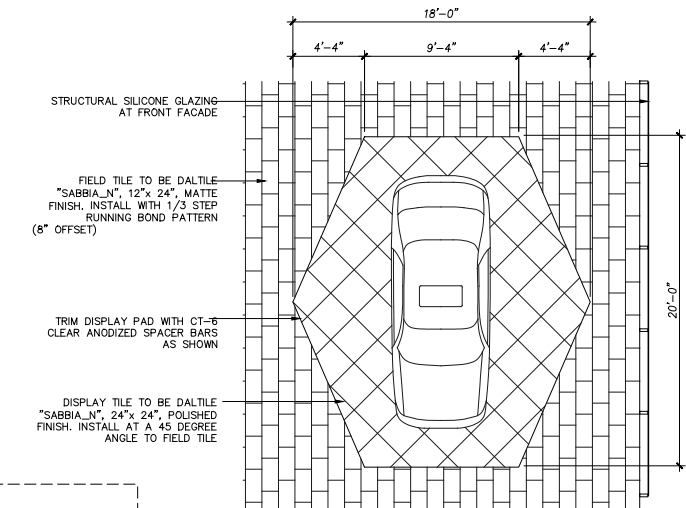
Site Diagram  
Large Facility Example (7.5 ac.)

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PROPOSED FLOOR DIAGRAM





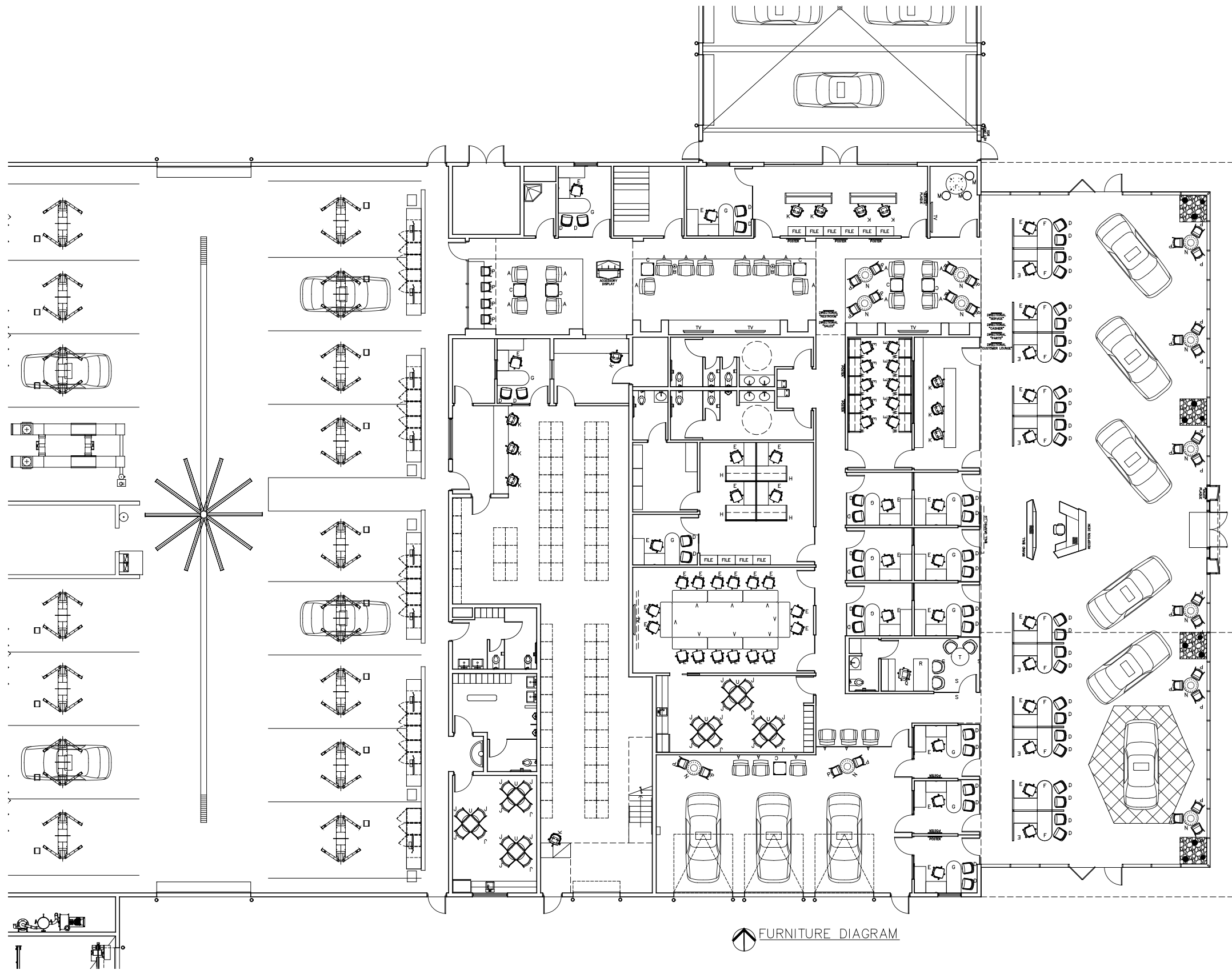
LEAD CAR ZONE VEHICLE  
SCALE: 3/16" = 1'-0"

FINISH KEY

	CEILING
	WALLS
	FLOOR

- NEW DOORS, FRAMES AND MULLIONS TO BE CLEAR ANODIZED ALUMINUM
- WALK-OFF MAT TO BE MATS INC. DUAL TRAC, "CHARCOAL GRAY" (MAT-1)
- INCLUDED STEEL COLUMNS, PAINTED WITH P-9 (TYP.)
- PEBBLE TILE CT-7 AT INCLINED COLUMNS (TYP.)





QTY	LABEL	ARRANGEMENT	SCHEDULE--STEELCASE	DESCRIPTION
A	CUSTOMER LOUNGE SEATING	JENNY; CHAIR, WITH ARMS		
B	LOUNGE POWER ACCESS	THREAD; 6" CORD		
C	CUSTOMER LOUNGE TABLE	JENNY; TABLE--COFFEE, HIGH PRESSURE LAMINATE		
D	SEATING--CUSTOMER	QIV; CHAIR, SLED BASE, MESH BACK, UPHOLSTERED SEAT, ARMS		
E	SEATING--PRIVATE OFFICE, RECEPTION DESK, SALES CONSULTANT, INTERNET SALES L-SHAPE OFFICE	QIV; CHAIR, MESH BACK, UPHOLSTERED SEAT, ARMS, WHEELS		
F		ANSWER; L-SHAPED OFFICE, DESK; LAMINATE GRAPHIC WALNUT, BASE: ARCTIC WHITE		
G	U-SHAPE OFFICE; GENERAL MANAGER & SERVICE MANAGER	ANSWER; U-SHAPED OFFICE, DESK; LAMINATE GRAPHITE WALNUT, BASE: PLASTIC ARCTIC WHITE, PANEL: PLAIN JANE PAPYRUS		
H	BUSINESS/GENERAL OFFICE	ANSWER; L-SHAPED INTERNET SALES, DESK; LAMINATE GRAPHITE WALNUT, BASE: PLASTIC ARCTIC WHITE, PANEL: PLAIN JANE PAPYRUS		
J	BREAKROOM SEATING	MOVE; CHAIR, PLASTIC BACK, NO ARMS, GLIDES		
K	SEATING--SERVICE AREA	QIV; STOOL, MESH BACK, UPHOLSTERED SEAT, ARMS		
L	CHILDREN'S PLAY AREA	SIMPLE TABLE--BY TURNSTONE		
M	CHILDREN'S PLAY AREA	BUOY; SEAT, WHITE, CAP		
N	CAFE TABLE--STOOL HEIGHT	EMU--BY COALESE, TABLE TOP: LAMINATE GRAPHITE WALNUT, BASE: ARCTIC WHITE		
P	SEATING--SHOWROOM	MOVE; STOOL, PLASTIC BACK, NO ARMS, GLIDES		
Q	SEATING--DEALER OFFICE GENERAL MANAGER	GESTURE; STAN-IN FAUX LEATHER GRAPHITE		
R	DEALER OFFICE--GENERAL MANAGER	CURRENCY; LAMINATE, DESK; LAMINATE GRAPHITE WALNUT, PANEL: PLAIN JANE PAPYRUS		
S	DEALER OFFICE GENERAL MANAGER--CONFERENCE CHAIR	SW-1; COGENT CONNECT GRAPHITE		
T	DEALER OFFICE--GENERAL MANAGER CONFERENCE TABLE	UNIVERSAL; LAMINATE GRAPHITE WALNUT		
U	BREAKROOM TABLE (SEATED HEIGHT)	SIMPLE TABLE; TURNSTONE, TABLE TOP: LAMINATE GRAPHITE WALNUT		
V	TRAINING ROOM TABLE (SEATED HEIGHT)	GROUPWORK; TURNSTONE, TABLE TOP: SOLID LAMINATE ARCTIC WHITE, BASE: PLATINUM METALLIC		
W	INTERNET SALES	ANSWER; DESK; LAMINATE GRAPHITE WALNUT, BASE: PLASTIC ARCTIC WHITE, PANEL: PLAIN JANE PAPYRUS		

EL-1	RECEPTION DESK FLOOR BOX
EL-2	BRAND WALL FLOOR BOX
EL-3	ILLUMINATED GRAPHIC CABLE MANAGEMENT BOX

NOTE: SEE EMI "FLOOR OUTLET AND DATA JACK LOCATION DIAGRAM" AND "RECESSED CABLE MANAGEMENT BOX LOCATION DIAGRAM" FOR ADDITIONAL INFORMATION

FURNITURE DIAGRAM



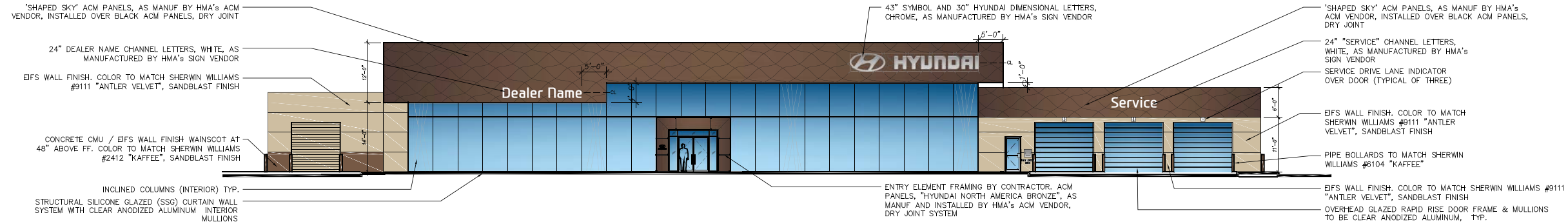
LUMINAIRE SCHEDULE							
QTY	LABEL	ARRANGEMENT	DESCRIPTION	LLF	LUMENS/LAMP	ARR. LUM. LUMENS	ARR. WATTS
	A	SINGLE	XIG-LED-19-350-WW-UE-SP10-INGROUND	1.000	N.A.	1489	22
	B	SINGLE	LAD6-41-LED-40-75-TR6R-HZ-18' MH	1.000	N.A.	4112	45
	C	SINGLE	LAD6-13-LED-40-62-TR6R-HZ-9' MH	1.000	N.A.	1273	14
	D	SINGLE	LAD6-41-LED-40-75-TR6R-HZ-14' MH	1.000	N.A.	4112	45
	E4	SINGLE	SDL-4-LED-SS-CW-9' MH	1.000	N.A.	4380	34
	E8	SINGLE	SDL-8-LED-SS-CW-9' MH	1.000	N.A.	8762	68
	F	SINGLE	LHB11-LED-30L-S-50-14' MH	1.000	N.A.	28807	213
	G	SINGLE	SLI22-LED-HO-NW-UE-9' MH	1.000	N.A.	3083	34.6
	G1	SINGLE	SLI22-LED-SS-NW-UE-9' MH	1.000	N.A.	2408	29
	H4	SINGLE	EG3-4-S-LED-HO-CW-9' MH	1.000	N.A.	7361	60.6
	H8	SINGLE	EG3-8-S-LED-HO-CW-12' MH	1.000	N.A.	14722	121
	J	SINGLE	GA24-LED-SS-NW-P12-9' MH	1.000	N.A.	5170	45
	K	SINGLE	LHB11-LED-12L-S-50-14' MH	1.000	N.A.	12969	89
	P	SINGLE	DECORATIVE PENDANT	1.000	N.A.	1273	14
	S	SINGLE	LAD6-20-LED-30-52-TR6R-HZ-WITH LENS-14'	1.000	N.A.	2029	23



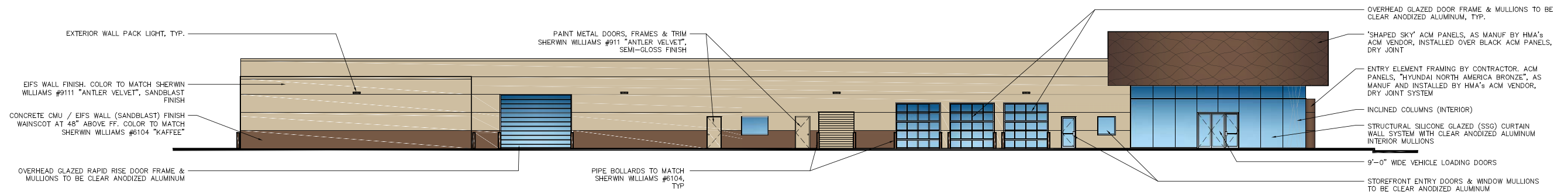
- FLOOR-MOUNTED, RECESSED UPLIGHT AT COLUMN PEBBLE BASE
- OPTIONAL SOFFIT LIGHTS, TYP.
- FLOOR-MOUNTED, RECESSED UPLIGHT AT COLUMN PEBBLE BASE
- OPTIONAL SOFFIT LIGHTS, TYP.
- FLOOR-MOUNTED, RECESSED UPLIGHT AT COLUMN PEBBLE BASE
- OPTIONAL SOFFIT LIGHTS, TYP.
- AT BRONZE "SHAPED SKY" CEILING, ALL LIGHT FIXTURE TRIM RINGS, HVAC SUPPLY & RETURN REGISTERS, SPRINKLER ESCUTCHEONS, SPEAKER COVERS AND OTHER CEILING-MOUNTED DEVICES SHALL HAVE BLACK, FACTORY-APPLIED FINISH
- FLOOR-MOUNTED, RECESSED UPLIGHT AT COLUMN PEBBLE BASE

REFLECTED CEILING DIAGRAM

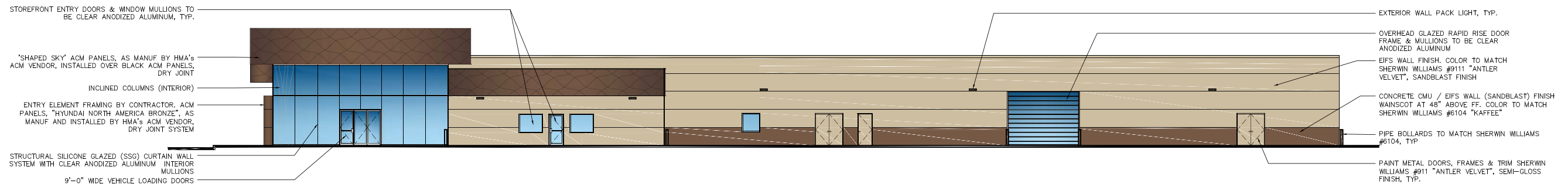




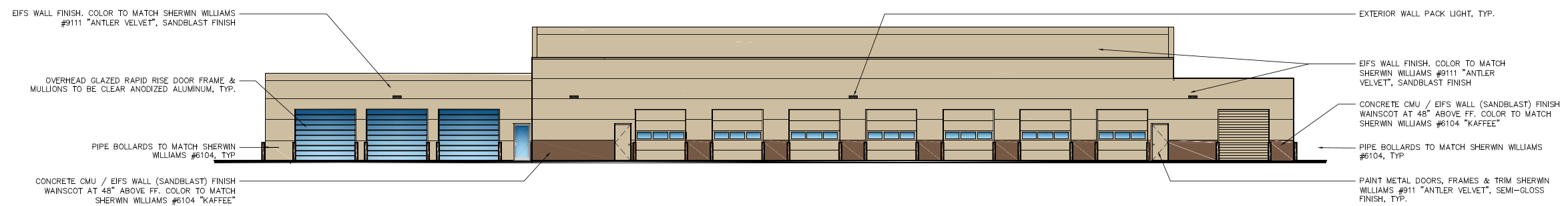
FRONT SIDE EXTERIOR VIEW



LEFT SIDE EXTERIOR VIEW



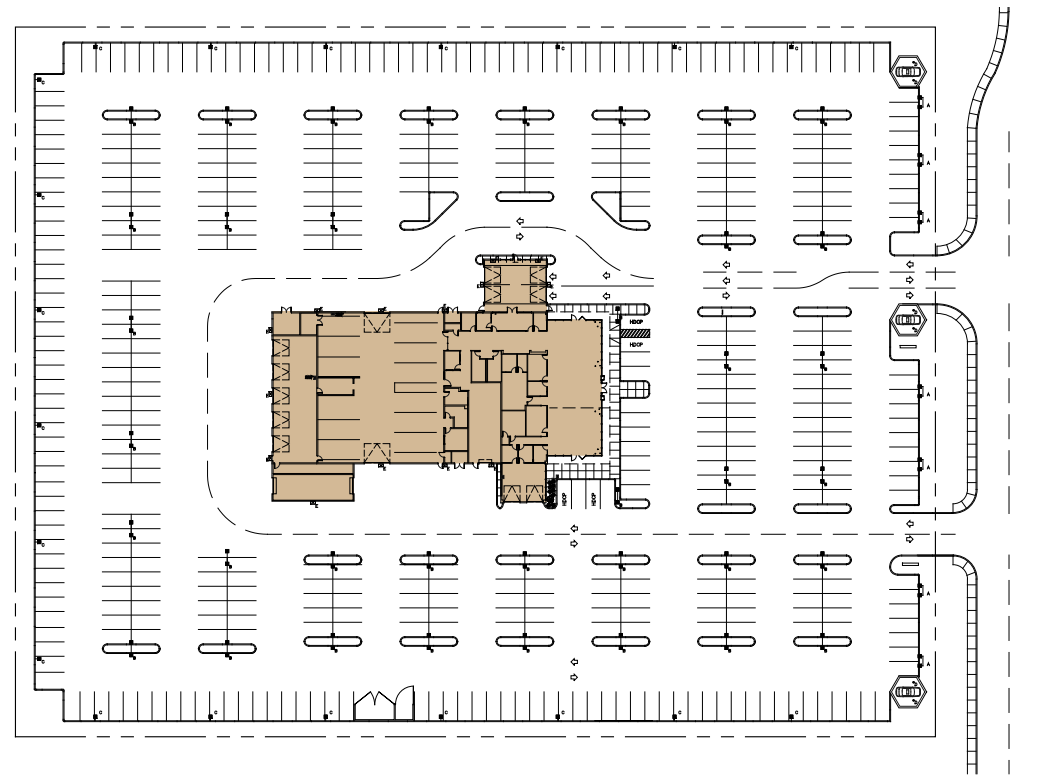
RIGHT SIDE EXTERIOR VIEW



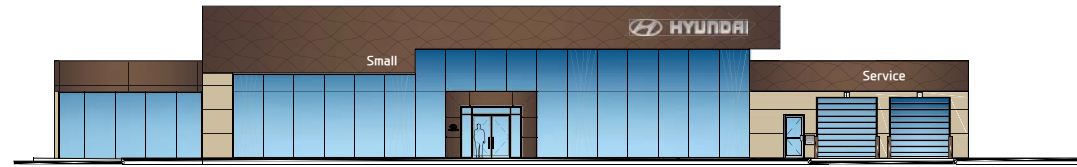
REAR SIDE EXTERIOR VIEW



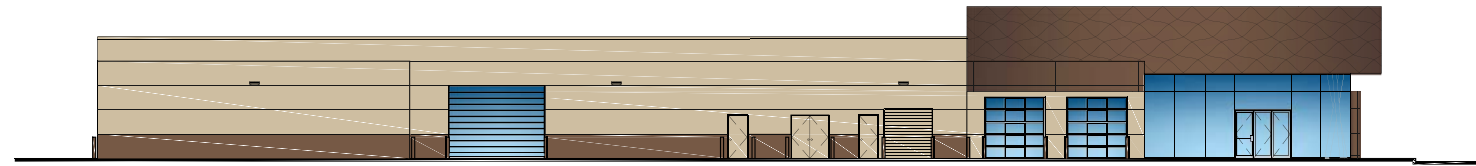




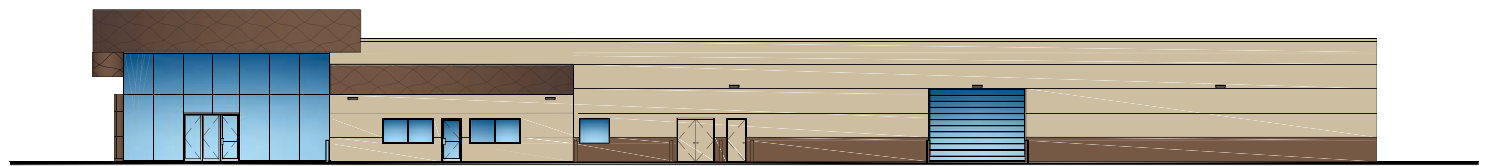
PROPOSED SITE DIAGRAM



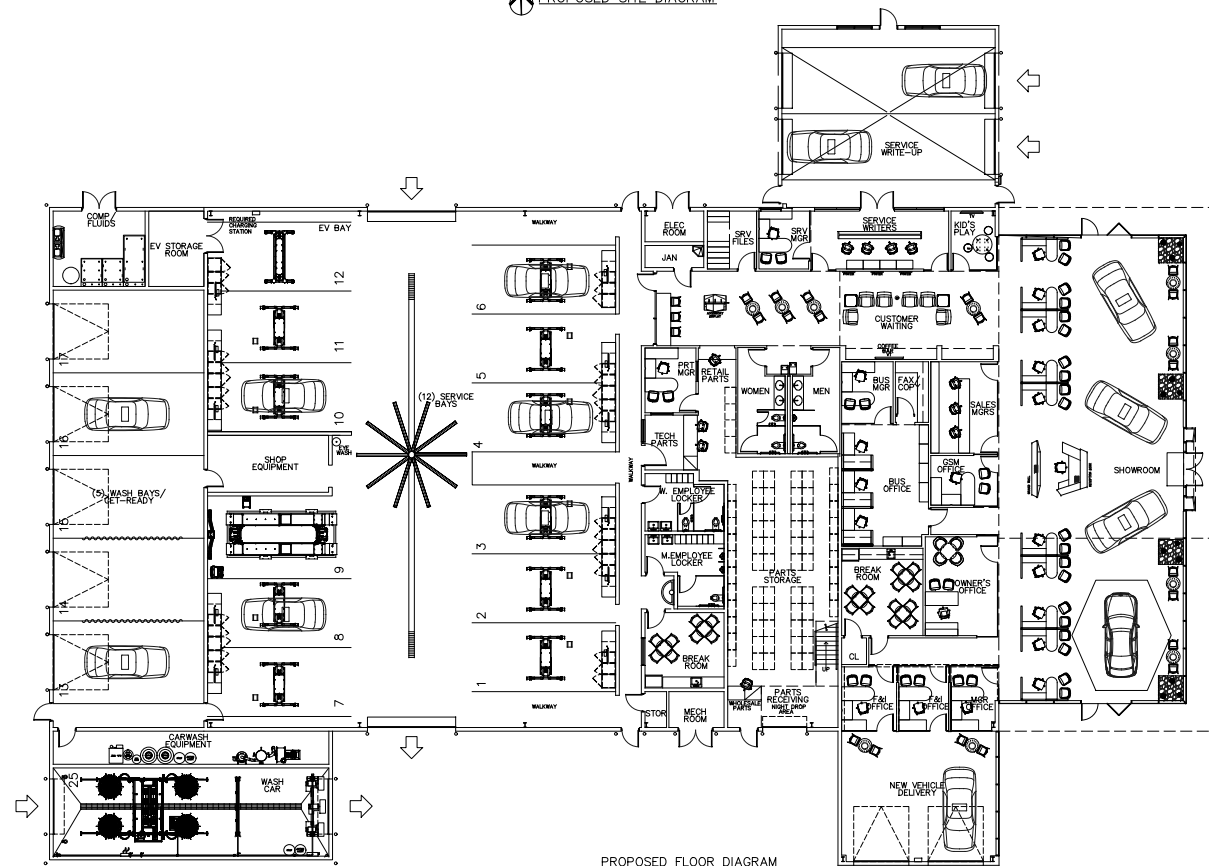
PROPOSED FRONT EXTERIOR VIEW



PROPOSED LEFT SIDE EXTERIOR VIEW



PROPOSED RIGHT SIDE EXTERIOR VIEW



PROPOSED FLOOR DIAGRAM



PROPOSED REFLECTED CEILING DIAGRAM



PROTOTYPE DESIGN  
Small Facility Example (17,500 sf)

5.9

09/30/2020



**HYUNDAI GDSI 2.0 FINISH SCHEDULE**

CODE	MATERIAL	MANUFACTURER	PRODUCT	COLOR	DIMENSION	LOCATION	ADDITIONAL INFORMATION
ACM-1	SHAPED SKY METAL FASCIA	HMA Survey Vendor	PROPRIETARY PRODUCT AND COLOR	COMPLETE RAIN SCREEN ACM SYSTEM, BLACK, WITH 4MM SHAPED SKY PANEL OVERLAY, BRONZE	(SEE NOTE 1)	FASCIA AT SHOWROOM AND SERVICE DRIVE	CONTACT: JODY MURPHY AT HMA Survey Vendor 865-692-1242 x3218  NOTES: 1). HMA HAS ESTABLISHED A NATIONAL VENDOR FOR THESE PRODUCTS: ALL SHAPED SKY ELEMENTS TO BE PROVIDED AND INSTALLED BY HMA Survey Vendor
ACM-2	SHAPED SKY METAL CEILING PANELS	HMA Survey Vendor	PROPRIETARY PRODUCT AND COLOR	2' X 2' METAL PANELS, BLACK, WITH 4MM SHAPED SKY PANEL OVERLAY, BRONZE GRID: ARMSTRONG PRELUDE XL, 15/16" GRID COLOR: TECH BLACK	15/16" EXPOSED TEE (SEE NOTE 2)	LOWER CEILING IN "STEPPED" FASCIA DESIGN; TRAY CEILING IN "STRAIGHT" FASCIA DESIGN. TRAY CEILING OF CUSTOMER WAITING AREAS	2). CEILING PANELS: CONTRACTOR TO INSTALL CEILING GRID PER MANUFACTURER'S INSTRUCTIONS AND CAPABLE OF SUPPORTING CEILING PANEL SYSTEM WEIGHING 2 LBS/SF PLUS MECHANICAL, LIGHTING FIXTURE, ETC. LOADS.  3). ENTRY ELEMENT: CONTRACTOR TO FRAME OPENING AROUND DOOR, PROVIDE CIRCUIT FOR SIGN
ACM-3	ENTRY ELEMENT	HMA Survey Vendor	PROPRIETARY PRODUCT AND COLOR	COLOR: HYUNDAI NORTH AMERICA BRONZE	(SEE NOTE 3)	WRAP AT FRONT DOOR	
ACM-4	EXTERIOR ACM CLADDING	HMA Survey Vendor	SERIES ONE RAINSCREEN ACM CLADDING	ACM: ALUMINUM PE COLOR: PUERTO TAN		EXTERIOR CLADDING AT SHOWROOM, WRITE-UP DRIVE, SERVICE, PARTS	CONTACT: JODY MURPHY AT HMA SURVEY VENDOR 865-692-1242 x3218
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	FINE FISSURED 1734	TILE COLOR: WHITE EDGE: BEVELED REGULAR GRID: 9/16" ARMSTRONG GRID COLOR: PLATINUM OR SILVER SATIN	24" X 24" X 9/16"	OFFICES, BREAK ROOM, ADMINISTRATION, CUSTOMER LOUNGE, VEHICLE DELIVERY	CONTACT: ARMSTRONG CEILING AT 877-276-7876 X64 (877-ARMSTRONG)
CPT-1	CARPET TILE	SHAW CARPET	CLEAR TILE 59564	COLOR: SEA GLASS #62560 CONSTRUCTION: MULTILEVEL PATTERN LOOP TRANSITION STRIP: COLOR TO MATCH CARPET TILE	24" X 24" MONOLITHIC INSTALLATION	CUSTOMER LOUNGE, OFFICES, ADMINISTRATION, TRAINING	CONTACT: SHAW CONTRACT GROUP AT 800-257-7429
CTB-1	CERAMIC TILE BASE BULLNOSE	DALTILE	SYSTEM_N UNGLAZED PORCELAIN STONEWARE	BULLNOSE, COLOR: TO MATCH SABBIA_N #P984HYS43F91P1	3" X 24"	SHOWROOM FIELD TILE, HALLWAYS	CONTACT: DONNA APCAR, NATIONAL ACCOUNT MANAGER at DALTILE 818-303-6911 donna.apcar@daltile.com
CT-1	PORCELAIN TILE	DALTILE	SYSTEM_N UNGLAZED PORCELAIN STONEWARE	COLOR: SABBIA_N, FINISH: MATTE #P984HY12241P	12" X 24" X 3/8" 1/3 STEP RUNNING BOND (8")	SHOWROOM FIELD TILE, HALLWAYS, RESTROOM FLOORS AND WALL	or NATIONAL ACCOUNT SUPPORT DESK, 877-556-5728  NOTES: 1. NATIONAL PRICING HAS BEEN ESTABLISHED FOR THESE PRODUCTS. PLEASE CONTACT DALTILE FOR DETAILS.  2. NEWLY INSTALLED FLOOR TILE SHOULD BE COVERED DURING CONSTRUCTION TO PREVENT ACCUMULATION OF DEBRIS AND FOR PROTECTION FROM FOOT AND MACHINERY TRAFFIC.
CT-2	PORCELAIN TILE	DALTILE	SYSTEM_N UNGLAZED PORCELAIN STONEWARE	COLOR: SABBIA_N, FINISH: POLISHED #P984HY24241L	24" X 24" X 3/8" ROTATED 45 DEGREES TO FIELD TILE	LEAD CAR DISPLAY PAD IN SHOWROOM	3. NEW ASPHALT MAY TAKE 6-12 MONTHS, PARTICULARLY IN HARSHER CLIMATES, TO FULLY CURE, CAUSING SHOES TO TRACK RESIDUE ONTO NEW FLOORING. WALK OFF MATS AT ENTRY DOORS ARE RECOMMENDED TO HELP MITIGATE DIRT AND DEBRIS ACCUMULATION.  4. DEEP CLEANING OF NEW TILE FLOORS AFTER CONSTRUCTION MAY BE NEEDED, AS WILL PROPER, ROUTINE TILE MAINTENANCE TO KEEP FLOORS CLEAN. PLEASE CONTACT DALTILE FOR TILE DEEP CLEANING & ROUTINE MAINTENANCE RECOMMENDATIONS.
CT-3	GLASS MOSAIC TILE	DALTILE	COLOR WAVE	COLOR: WILLOW WATER, FINISH: GLOSSY #CW21	12"x18" RANDOM INTERLOCKING PATTERN-HORIZONTAL	BACK WALL AT COFFEE BAR, INTERNET BAR, CUSTOMER RESTROOM SINK WALL, ETC	



**HYUNDAI GDSI 2.0 FINISH SCHEDULE**

CODE	MATERIAL	MANUFACTURER	PRODUCT	COLOR	DIMENSION	LOCATION	ADDITIONAL INFORMATION
CT-4	PORCELAIN TILE SPACING BAR	SCHLUTER	SCHIENE SPACING BAR	FINISH: CLEAR ANODIZED ALUMINUM	1/4" THICK	EDGE OF LEAD CAR DISPLAY PAD	CONTACT: SCHLUTER-SYSTEMS US AT 800-472-4588
CT-5	PEBBLE TILE	PEBBLE TILE SHOP	PEBBLE TILE	COLOR: JAVA TAN FINISH: NATURAL TAN	12" X 12" WITH MESH BACKING SHEET	BASE OF INCLINED COLUMNS	CONTACT: PEBBLE TILE SHOP AT (888)870-9591
CT-6	PORCELAIN TILE	DALTILE	SANTINO SERIES	COLOR: BRUNO S009	6" X 24" X 3/8" 8" OFFSET	CUSTOMER LOUNGE	CONTACT: DONNA APCAR, DALTILE NATIONAL ACCOUNT MANAGER AT 818-303-6911 OR DONNA.APCAR@DAL TILE.COM
CT-7	ENHANCED PORCELAIN TILE	AUTOSTONE	ENVIRO SERIES	ENHANCED PORCELAIN TILE FLOOR COLOR: ALLOY GREY	12" X 12" X 1/2"	SERVICE DRIVE LANES & WALKWAYS	CONTACT: AUTOSTONE FLOOR SYSTEMS AT 214-393-4875 OR WWW.AUTOSTONEUSA.COM
CT-8	ENHANCED PORCELAIN TILE	AUTOSTONE	ENVIRO SERIES	COLOR: CARBON BLACK	12" X 12" X 1/2"	SERVICE DRIVE LANE STRIPING	INSTALL WITH LATICRETE GROUT IN COMPLEMENTARY COLORS TO TILE AS RECOMMENDED BY AUTOSTONE USA.
D-1	EXTERIOR CAR DOOR	KAWNEER OR EQUAL	GLASS	DOOR STYLE AND FINISH TO COORDINATE WITH EXTERIOR GLAZING SYSTEM		SHOWROOM	CONTACT: KAWNEER AT 877-767-9107
D-2	EXTERIOR MAP DOOR	KAWNEER OR EQUAL	GLASS	DOOR STYLE AND FINISH TO COORDINATE WITH EXTERIOR GLAZING SYSTEM		SHOWROOM	
D-3	EXTERIOR MAP DOOR	CECO DOOR OR EQUAL	METAL			EXTERIOR DOORS AT PARTS AND SERVICE	CONTACT: CECO DOOR AT 731-686-8345
D-4	OVERHEAD DOOR	RYTEC	SPIRAL FV	FULL VISION OVERHEAD DOOR WITH 9" ALUMINUM FRAMED VISION SLATS		WRITE-UP DRIVE, SERVICE DEPARTMENT	CONTACT: RYTEC CORPORATION AT 888-467-9832 (888-GO-RYTEC)
D-5	INTERIOR DOOR	DORMA USA OR EQUAL	GLASS	DOOR FRAMELESS GLASS DOOR WITH TOP AND BOTTOM PIVOT HINGES HARDWARE: POLISHED NICKEL		SALES OFFICES, CONFERENCE ROOMS, ADMINISTRATIVE OFFICES, PLAY ROOM	CONTACT: DORMA AT 877-367-6211
D-6	INTERIOR RAILING	C.R. LAWRENCE OR EQUAL	GLASS	CRL TAPER-LOC DRY GLAZE RAILING SYSTEM WITH CLEAR ANODIZED TOP RAIL		SHOWROOM BALCONY	CONTACT: C. R. LAWRENCE AT 800-421-6144
ECS-1	ELECTRIC CHARGING STATIONS	BOSCH	BOSCH OR CHARGEPOINT+	LEVEL 2 EV CHARGER 32A / 240V	WALL AND PEDESTAL MOUNT	CUSTOMER PARKING, DELIVERY AND SERVICE DEPARTMENT	CONTACT: BOSCH AT WWW.BOSCHEVSOLUTIONS.COM
EPX-1	EPOXY FLOORING	SHERWIN WILLIAMS	ARMORSEAL 650 SL/RC	PRIMER: 33 EPOXY PRIMER/SEALER TOP COAT: 650 SL/RC OR HS POLYURETHANE COLOR: HAZE GRAY		PARTS AND SERVICE DEPARTMENTS	CONTACT: SHERWIN WILLIAMS AT 800-474-3794
EPX-2	EPOXY FLOORING STRIPES	SHERWIN WILLIAMS	ARMORSEAL 650 SL/RC	COLOR: DECK GRAY		SERVICE FLOOR STRIPING: BAYS, WALKWAYS	
EPX-3	EPOXY FLOORING	STONHARD	STONCLAD GR	COLOR: "PEWTER"		SERVICE RECEPTION FLOOR	CONTACT: STONHARD AT 800-257-7953
EPX-4	EPOXY FLOORING STRIPES	STONHARD	STONCLAD GR	COLOR: "CHARCOAL"		SERVICE RECEPTION STRIPING: & WALKWAYS	
FIX-1	INTERIOR BRANDING ELEMENTS HYUNDAI	EWI	CORPORATE IDENTITY PROGRAM_2.0 (CIP_2.0)	ELEMENTS: BRAND WALL, RECEPTION DESK, COLOR SELECTOR, DIRECTIONAL SIGNAGE, RETAIL GONDOLA, FRAMES		SHOWROOM, CUSTOMER WAITING AREA	CONTACT: HYUNDAI PROGRAM HEADQUARTERS AT 844-211-3063 OR HMA-SUPPORT@EWI WORLDWIDE.COM NOTE: HMA HAS ESTABLISHED A NATIONAL VENDOR FOR THIS PRODUCT. ALL CIP_2.0 INTERIOR BRANDING ELEMENTS TO BE PROVIDED AND INSTALLED BY EWI.
FIX-2	NOT USED						
FIX-3	COFFEE/ESPRESSO MACHINE	KEURIG COMMERCIAL OR SIMILAR	COUNTERTOP COFFEE MAKER	KEURIG K-3500 COMMERCIAL COFFEE MAKER OR SIMILAR		COFFEE BAR	CONTACT YOUR LOCAL KEURIG AUTHORIZED DISTRIBUTOR, <a href="https://commercial.keurig.com">HTTPS://COMMERCIAL.KEURIG.COM</a>



**HYUNDAI GDSI 2.0 FINISH SCHEDULE**

CODE	MATERIAL	MANUFACTURER	PRODUCT	COLOR	DIMENSION	LOCATION	ADDITIONAL INFORMATION
GL-1	GLAZING SYSTEM: EXTERIOR CURTAIN WALL	KAWNEER OR EQUAL  VITRO ARCHITECTURAL GLASS OR EQUAL	STRUCTURAL SILICONE GLAZED (SSG)	MULLIONS: CLEAR ANODIZED ALUMINUM GLAZING: PREFERRED: 1/4" SOLARBAN 72 ON STARPHIRE (2) / AIR CAVITY 1/2" / 1-1/4" CLEAR OPTION 1: 1/4" SOLARBAN 72 ON STARPHIRE (2) / AIR CAVITY 1/2" / 1-1/4" STARPHIRE OPTION 2: 1/4" SOLARBAN 72 ON ACUITY (2) / AIR CAVITY 1/2" / 1-1/4" ACUITY		SHOWROOM, DELIVERY AREA	CONTACT: KAWNEER AT 877-767-9107
GL-2	GLAZING SYSTEM: INTERIOR OFFICE	KAWNEER OR EQUAL	FRAMELESS TEMPERED GLASS	FRAMELESS, TEMPERED GLASS PARTITIONS IN CLEAR ANODIZED ALUMINUM SILL AND HEAD TRACKS WITH CLEAR SILICONE-GLAZED VERTICAL JOINTS		SALES OFFICES, CONFERENCE ROOMS, ADMINISTRATIVE OFFICES, PLAY ROOM	
GL-3	GLAZING FILM: SAFETY STRIP	PUETCH	DISTRACTION SAFETY MARKER	STYLE/COLOR: A4G-DM-11008 EVENLY SPACED RECT- ANGLES, 1.5" VERTICAL DASHES	48" STRIPS	SALES OFFICES, CONFERENCE ROOMS, ADMINISTRATIVE OFFICES, PLAY ROOM	CONTACT: PUETCH 718-966-0084
GR-1	GROUT	CUSTOM BUILDING PRODUCTS	FUSION PRO	COLOR: #183 "CHATEAU"		USED WITH WARM/TAP FAMILY OF TILES	CONTACT: CUSTOM BUILDING PRODUCTS AT 800-272-8786
MAT-1	WALK OFF MAT	MATS, INC	DUAL TRACK	COLOR: CHARCOAL GRAY	AS SPECIFIED BY LOCAL ARCHITECT	EXTERIOR ENTRANCES	CONTACT: MATS, INC. AT 800-628-7462 (800-MATS-INC)
PL-1	PLASTIC LAMINATE	FORMICA	SOLID COLORS	COLOR: WHITE #949-58 FINISH: MATTE		MILLWORK	CONTACT: FORMICA CORPORATION AT 800-367-6422
PL-2	PLASTIC LAMINATE	FORMICA	COLOUR CORE2	COLOR: WHITE #949C-58 FINISH: MATTE NOTE: THRU COLOR FOR EXPOSED EDGES		MILLWORK	
PL-3	PLASTIC LAMINATE	FORMICA	DECO METAL	COLOR: BRUSHED PEWTER #2032 FINISH: METALLIC GRAIN: HORIZONTAL		MILLWORK FRONT PANELS AT CASHER, RETAIL & WRITER COUNTERS	
PL-4	PLASTIC LAMINATE	FORMICA	SOLID COLORS	COLOR: STORM #912-58		MILLWORK KICK PLATES	
PL-5	PLASTIC LAMINATE	FORMICA	BROWN WOOD	COLOR: SILVER RIFTWOOD		INTERIOR DOORS/MILLWORK	
PL-6	PLASTIC LAMINATE	FORMICA	SOLID COLORS	COLOR: #8244 NIGHT FOREST		MILLWORK BASE	
P-1	PAINT EXTERIOR	SHERWIN WILLIAMS		COLOR: ANTLER VELVET #SW9111 EXTERIOR FINISH: SEMI-GLOSS		EXTERIOR WALLS, DOORS, FRAMES	CONTACT: SHERWIN WILLIAMS AT 800-474-3794
P-2	PAINT EXTERIOR	SHERWIN WILLIAMS		COLOR: KAFFEE #SW6104 EXTERIOR FINISH: SEMI-GLOSS		4'-0" BASE AT EXTERIOR WALLS OF SERVICE, PARTS. TRAY CEILING OF CUSTOMER WAITING AREAS	
P-5	PAINT INTERIOR	SHERWIN WILLIAMS		COLOR: EXTRA WHITE #SW7006 INTERIOR FINISH: EGGSHELL		SHOWROOM, OFFICE SIDE WALLS, ADMINISTRATIVE, CUSTOMER LOUNGE	
P-6	PAINT INTERIOR	SHERWIN WILLIAMS		COLOR: CEILING BRIGHT WHITE #SW7007 FINISH: FLAT		BATHROOM CEILING, CUSTOMER LOUNGE, VEHICLE DELIVERY	
P-7	PAINT INTERIOR	SHERWIN WILLIAMS		COLOR: AGREEABLE GRAY #SW7029 FINISH: SEMI-GLOSS		WRITE-UP DRIVE WALLS, SERVICE WALLS ABV. DOOR FRAME, SERVICE CEILING, PARTS WALLS, PAINTED INT. DOORS & FRAMES	
P-8	PAINT INTERIOR	SHERWIN WILLIAMS		COLOR: ANTLER VELVET #SW9111 FINISH: WATER-BASED CATALYZED EPOXY - IN OFFICES, EGGSHELL (ACRYLIC LATEX)		SERVICE WALLS BELOW DOOR FRAME (WAINSCOT), MGMT. OFFICES ACCEPT WALL	



**HYUNDAI GDSI 2.0 FINISH SCHEDULE**

CODE	MATERIAL	MANUFACTURER	PRODUCT	COLOR	DIMENSION	LOCATION	ADDITIONAL INFORMATION
P-10	INTERIOR WOOD STAIN	MINWAX PERFORMANCE SERIES	TIP/TABLE WOOD STAIN	COLOR: "TOASTED BARREL" #MW405 OR "SMOKEWOOD" #MW407		STAIN GRADE WOOD DOORS WOOD VENEER: ASH OR WALNUT	CONTACT: SHERWIN WILLIAMS AT 800-474-3794
SC-1	SEALED CONCRETE	PROCOAT	PENETRATING CLEAR SEALANT	COLOR: CLEAR COAT		PARTS AND SERVICE FLOOR	CONTACT: PROCOAT AT 877-511-3456
RR-1	TOILET	TOTO	#CT705ULN	COTTON (WHITE)		RESTROOM	CONTACT: TOTO AT 888-295-8134
RR-2	URINAL	TOTO	#UT105U	COTTON (WHITE)		RESTROOM	
RR-3	SINKS AND FAUCETS	ZURN	SUNDRA "SURF" SINK & SERVO FAUCET/SOAP DISPENSER	WHITE W/ STAINLESS STEEL SHROUD CHROME FAUCET AND DISPENSER		RESTROOM	CONTACT: ZURN INDUSTRIES AT 855-663-9876
RR-4	TOILET PARTITIONS	BRADLEY MILLS	SERIES 500 (FLOOR BRACED)	BRUSHED STAINLESS STEEL, CHROME ZAMAC HARDWARE		RESTROOM	CONTACT: BRADLEY CORPORATION AT 800-272-3539
RR-5	PAPER TOWEL DISPENSER	BOBRICK	CONTURA B43944	STAINLESS STEEL		RESTROOM	CONTACT: BOBRICK AT 818-982-9600
RR-6	TOILET TISSUE DISPENSER	BOBRICK	CONTURA B4288	STAINLESS STEEL		RESTROOM	
RR-7	GRAB BAR	BOBRICK	B6897	SATIN		RESTROOM	
RR-8	BABY CHANGING STATION	KOALA	KB110-SSWM	SATIN STAINLESS STEEL		RESTROOM	
RR-9	MOP BASIN	FIAT PRODUCTS	STOCKTOP 36"X36"	GRAY TERRAZZO		JANITOR CLOSET	CONTACT: FIAT PRODUCTS AT 800-442-1902
RR-10	DRINKING FOUNTAIN	HAWS	BARRIER-FREE HI-LO	SATIN STAINLESS STEEL		RESTROOM	CONTACT: HAWS CORPORATION AT 888-640-4297
SLS-1	SERVICE LANE SIGNALS	SIGNAL-TECH	TCL SERIES	X / DOWN ARROW LED SIGN ITEM #: 5492 (TCL1818RG-175DS) FINISH: DURANDONIC BRONZE CABINET	7", 12" OR 18" SQUARE, SINGLE FACE	ABOVE SERVICE WRITE-UP DOORS	CONTACT: ISIGNS AT 866-437-3040
SS-1	SOLID SURFACE	DUPONT	CORIAN	COLOR: DESIGNER WHITE	PENCIL ROUND EDGE PROFILE	COFFEE BAR, INTERNET BAR, GENERAL COUNTERTOPS	CONTACT: DUPONT CORIAN AT <a href="https://www.corian.com/-contact-us-form-">https://www.corian.com/-contact-us-form-</a>
SS-2	SOLID SURFACE	DUPONT	CORIAN	COLOR: DOVE	PENCIL ROUND EDGE PROFILE	COFFEE BAR, INTERNET BAR, GENERAL COUNTERTOPS	
SS-3	SOLID SURFACE	DUPONT	CORIAN	COLOR: DEEP TITANIUM	PENCIL ROUND EDGE PROFILE	COFFEE BAR, INTERNET BAR, GENERAL COUNTERTOPS	
ST-1	STAIR TREADS	MANNINGTON	COLORSCAPE	COLOR: STONE GRAY #907 TYPE: TS PROFILE: SQUARE PROFILE, SQUARE NOSE	4', 5' 6" LENGTHS X 1/8"	EMERGENCY EXIT STAIRS	CONTACT: MANNINGTON AT 888-241-2262
VB-1	VINYL BASE	MANNINGTON	EDGE (TYPE TV)	COLOR: STONE GRAY #907 WITH PREFORMED CORNERS	4" STRAIGHT BASE	USE WITH CPT-1	
VB-3	VINYL BASE	MANNINGTON	EDGE (TYPE TV)	COLOR: NIGHT BLACK #901 WITH PREFORMED CORNERS	4" COVE BASE	USE WITH VCT-1 AND VCT-2	
VCT-1	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	COLOR: STERLING #51904	12" x 12" 1/8" THICKNESS	TECHNICIAN BREAK ROOM AND LOCKER	
WC-1	WALLCOVERING (USE AT OWNER'S DISCRETION)	KNOLL TEXTILES	PRAGUE	COLOR: RAW SILK #WC13931	10 OZ WOVEN PERFORMANCE WALLCOVER	OFFICE BACK WALLS, OWNER'S OFFICE, ACCEPT AREAS	CONTACT: KNOLL TEXTILES AT 800-565-5858
WiFi	WI-FI REQUIREMENTS						REFER TO THE DDID FLASH DRIVE FOR HYUNDAI STANDARDS: 4.4 NETWORK INFRASTRUCTURE REQUIREMENTS





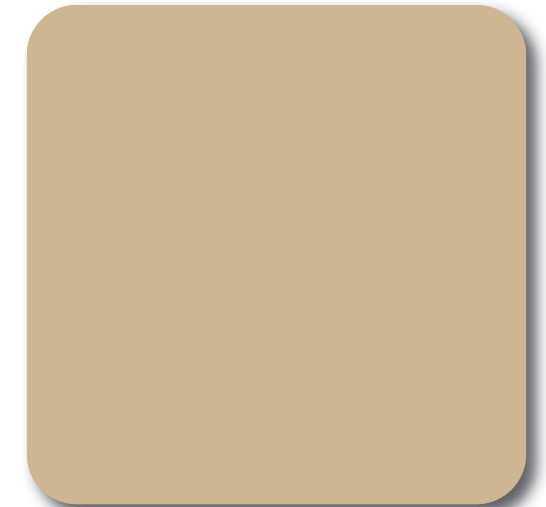
**PL-6: Night Forest**  
Formica (millwork base)



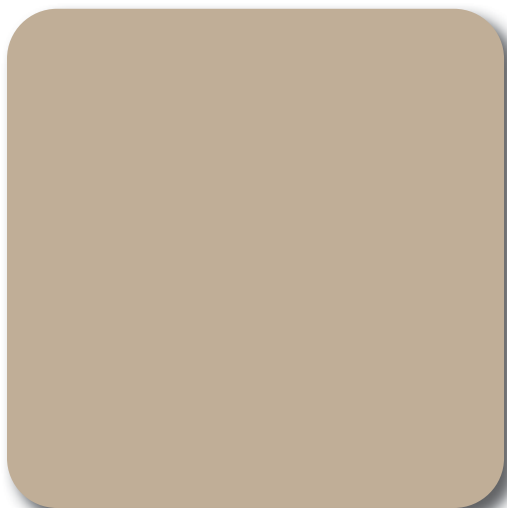
**PL-5: Silver Riftwood**  
Formica (interior doors/millwork)



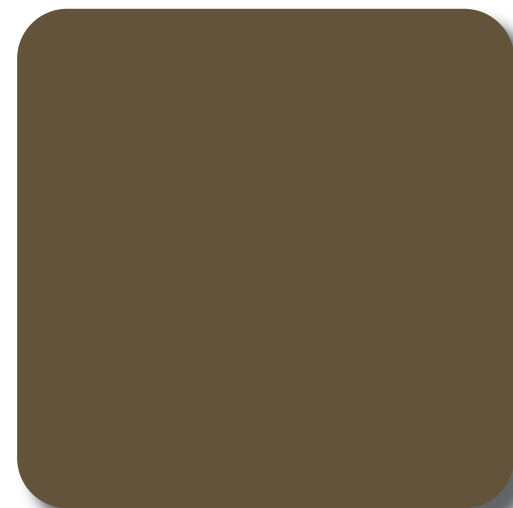
**ACM - Hyundai North American Bronze**  
Shaped Sky Panels/ Flat Panels



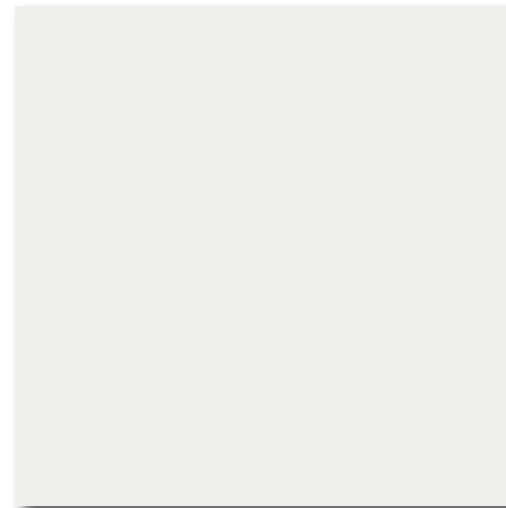
**ACM - Pueblo Tan**  
(exterior)



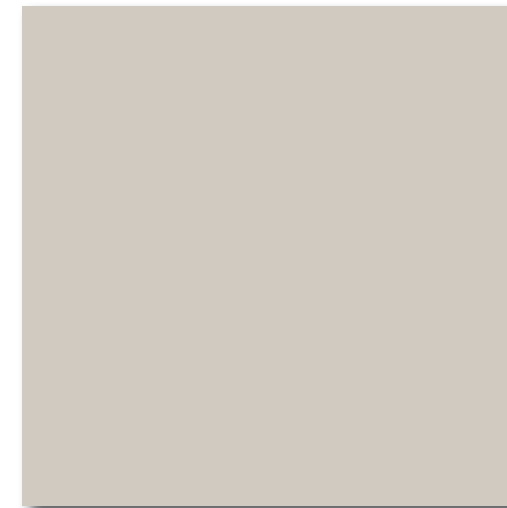
**P-1: Antler Velvet SW 9111**  
Sherwin Williams (exterior)  
**P-8: Antler Velvet SW 9111**  
Sherwin Williams (interior)



**P-2: Kaffee SW 6104**  
Sherwin Williams (exterior -  
accent wainscott)



**P-5: Extra White SW 7006**  
Sherwin Williams (interior)



**P-7: Agreeable Gray SW 7029**  
Sherwin Williams (interior)



**P-10: Toasted Barrel MW405 or  
Smokewood MW407**  
Minwax (interior wood doors)





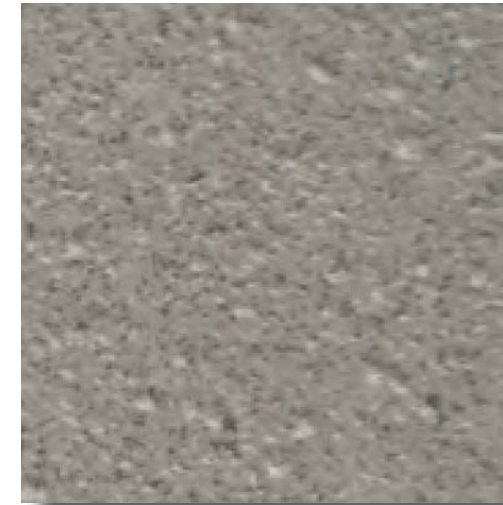
CT-1 & CT-2: Daltille Sistem\_Π  
Color: Sabbia\_Π  
Unpolished & Polished (CT-2)



CT-6: Daltille Santino  
Bruno #SΠ09, 6"x 24"



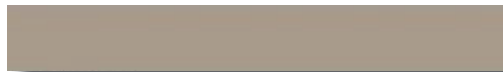
CT-5: The Pebble Tile Shop  
Natural Finish "Java Tan"



CT-7: AutoStone Enviroshop  
Series, 12"x 12"  
Alloy Grey



CT-8: AutoStone Enviroshop  
Series, 12"x 12"  
Carbon Black



GR-1: Custom Building Products  
Grout, #183 Chateau



CT-4: Schluter Transition Strip  
Clear Anodized Aluminum



CT-3: Daltille, Style: Wave Glass  
Mosaic Wall Tile,  
Color: #CW21 Willow Water



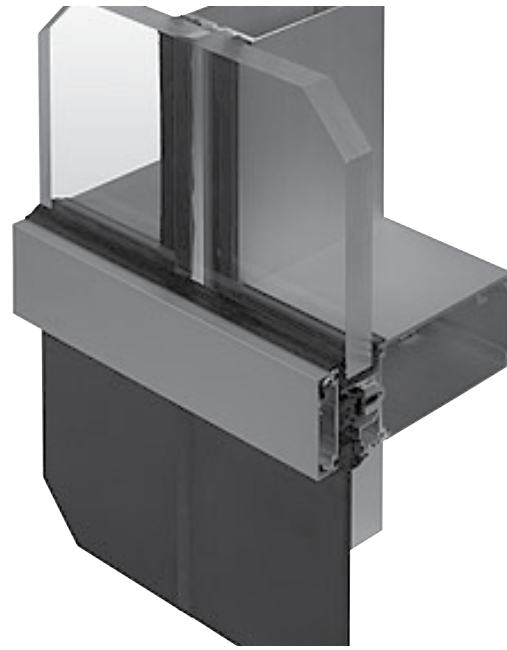
P-9: Metallic Paint, Pewter ME209  
Interior/Exterior Inclined Columns  
Modern Masters



CPT-1: Shaw Carpet Tile  
#62560 Sea Glass



VCT-1: Armstrong  
Imperial Texture 12"x12"  
Color: Sterling #51904



GL-1: Exterior Glazing  
System: Kawneer, 1600 SS curtain  
wall system 2-1/2" Sightline



VITRO - Solarban 72 w/Starphire Glazing  
Exterior Insulated Glass (64% VLT min.)



Clear Anodized Aluminum  
Curtainwall Framing

## INTERIOR FRAMELESS GLASS DOOR HARDWARE



CRL Cascade Pivoting System in Satin Anodized, with 42" (1067 mm) Back-to-Back Ladder Pulls.

### FRAMELESS | CRL Cascade

CRL Cascade Frameless Glass Wall Office Systems provide clean, uninterrupted spans of "all glass" partitions with minimal hardware. Slim patch fittings yield maximum natural light transmission while delivering a minimalist aesthetic to complement any contemporary interior. Cascade Systems are available in different configurations with rugged door closer options concealed within the floor, ceiling, or floating transom.

CRL glass walls utilize a high quality polycarbonate dry joint that is 93% clear and resists fading and shrinkage when exposed to UV. These discreet joints effectively reduce sound transmission and glass deflection.

**GLASS THICKNESS:**

3/8" (10 mm), 1/2" (12 mm), 5/8" (16 mm), and 3/4" (19 mm) Tempered Glass

**FIXED GLASS PANEL HEIGHT:** Up to 12' (3.6 m) Tall\*

**GLASS DOOR HEIGHT:** Up to 10' (3 m) Tall\*

\*Not to exceed GANA guidelines

**OPTIONS:**

- FINISHES | Rails and Fittings
- Satin Anodized



## WOOD & HOLLOW METAL DOOR HARDWARE



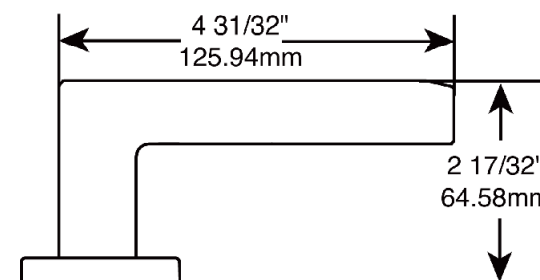
### STUDIO collection

**Compatible Products:**

- Access Control Locks
- Exit Devices
- Mortise Locks
- Tubular Locks



Notting Hill Series / MT lever / CR rose / 130KCT1 thumb / Satin Chrome Plated (26D) finish



**Contact Information:**

**Sales Email:** sales@sargentlock.com

**Marketing Email:** ahssmarketing@assaabloy.com

**PH:** 1.800.727.5477

When contacting, reference Studio Collection Selector

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SARGENT 1331 Series is an ANSI/BHMA Grade 1 closer that offers a full range of options to handle the most demanding applications. Featuring captured valves, a one-piece aluminum body, fully-adjustable size 1-6 spring, and range of standard and heavy-duty arms, the 1331 can be used in commercial, retail or healthcare applications.

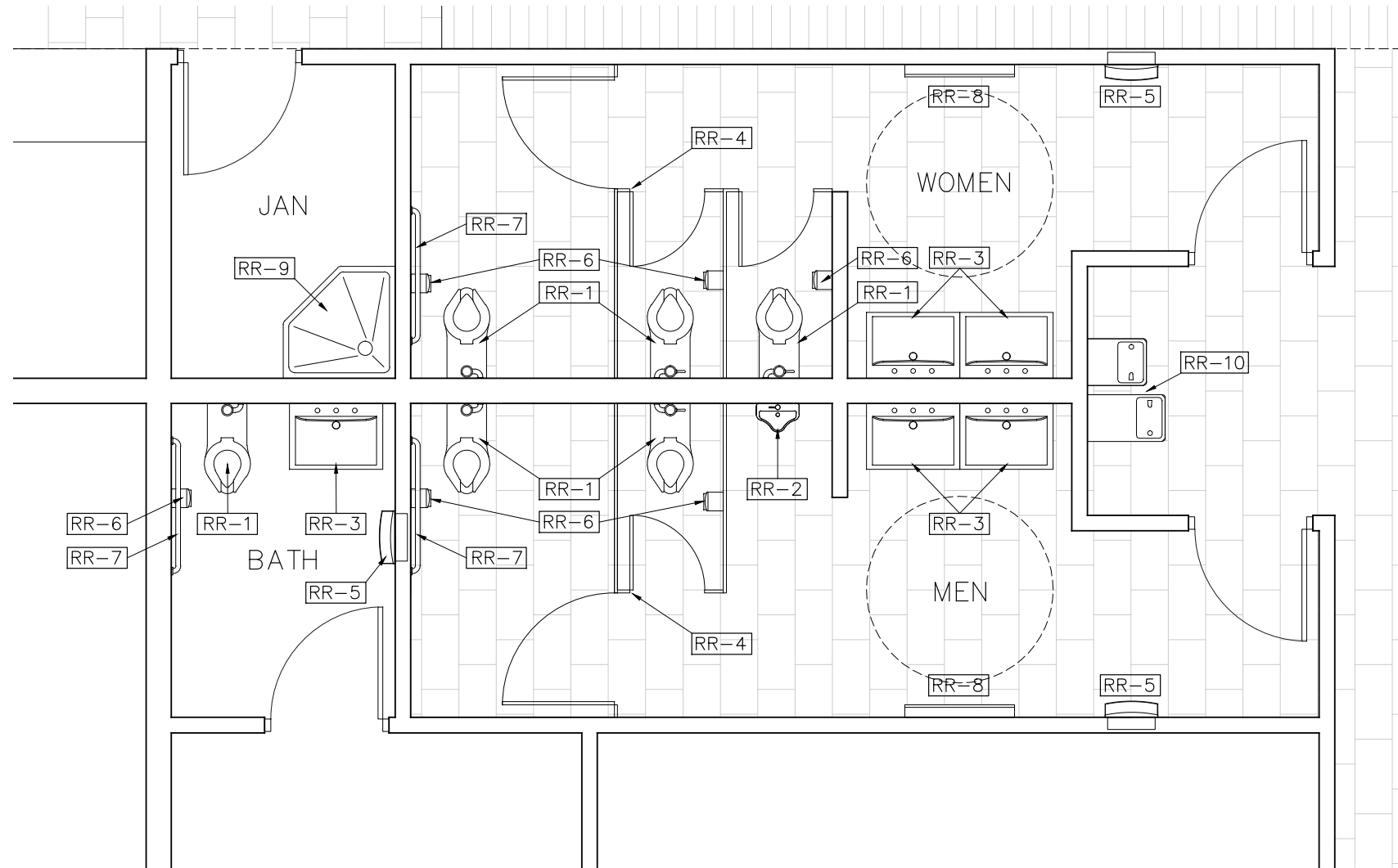


## FINISH SCHEDULE

Interior Door Hardware

# 6.9

09/30/2020



ENLARGED RESTROOM DIAGRAM  
SCALE: 1/4" = 1'-0"

FIXTURE SCHEDULE		
LABEL	RESTROOM FIXTURE	DESCRIPTION
RR-1	TOILET	TOTO #CT705ULN, FLOOR-MOUNTED, COLOR:"COTTON" (WHITE)
RR-2	URINAL	TOTO #UT105U, COLOR:"COTTON" (WHITE)
RR-3	SINKS & FAUCETS	ZURN SUNDARA SERIES "SURF" SINK w/ STAINLESS STEEL SHROUD & ZURN SERIO FAUCET/SOAP DISPENSER, CHROME FINISH
RR-4	TOILET PARTITIONS	BRADLEY MILLS SERIES 500 - FLOOR BRACED w/ BRUSHED STAINLESS STEEL FINISH & CHROMED ZAMAC HARDWARE
RR-5	PAPER TOWEL DISPENSER	BOBRICK CONTURA SERIES, RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE, B43944, STAINLESS STEEL FINISH
RR-6	TOILET TISSUE DISPENSER	BOBRICK CONTURA SERIES, SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER, B4288, STAINLESS STEEL FINISH
RR-7	GRAB BAR	BOBRICK TWO-WALL TOILET COMPARTMENT GRAB BAR, B6897, SATIN FINISH
RR-8	BABY CHANGING STATION	KOALA KARE WALL-MOUNTED CHANGING STATION, KB110-SSWM, SATIN STAINLESS STEEL EXTERIOR FINISH
RR-9	MOP BASIN	FIAT PRODUCTS, "STOCKTON" 36"x 36", GREY TERRAZZO FINISH
RR-10	DRINKING FOUNTAIN	HAWS BARRIER-FREE, HI-LO WALL-MOUNT FOUNTAIN, MODEL 1119, SATIN FINISH STAINLESS STEEL



## APPROVED VENDORS LIST

### **AGI**

Jody Munsey  
HMA Survey Vendor  
865-692-1242 x3218

### **ARMSTRONG CEILINGS**

877-276-7876 X64 (877-ARMSTRONG)

### **ATMOSPHERE COMMERCIAL INTERIORS**

Laura Davis, C.B.D., Workplace Consultant  
602-648-8102 (O)  
602-513-0302 (C)  
[laura.davis@atmosphereci.com](mailto:laura.davis@atmosphereci.com)

### **BROADWAY CAR WASH EQUIPMENT**

800-976-9274

### **CECO DOOR**

731-686-8345

### **C. R. LAWRENCE**

800-421-6144

### **CUSTOM BUILDING PRODUCTS**

800-272-8786

### **DAL-TILE**

Donna Apar, National Account Mgr.  
818-303-6911  
[donna.apcar@daltile.com](mailto:donna.apcar@daltile.com)

-or-

National Account Support Desk  
877-556-5728

### **DORMAKABA**

877-367-6211  
[www.dormakaba.com](http://www.dormakaba.com)

### **EWI**

Hyundai Millwork Vendor  
844-211-3063  
[hma-support@ewiworldwide.com](mailto:hma-support@ewiworldwide.com)

### **FORMICA CORPORATION**

800-367-6422

### **HYUNDAI TOOLS & EQUIPMENT**

866-539-4248  
[hyundaidealersolutions.com](http://hyundaidealersolutions.com)

### **ISIGNS**

866-437-3040

### **KAWNEER**

877-767-9107

### **KNOLL TEXTILES**

800-565-5858

### **LSI**

Joanna Ducker  
LSI Automotive Market Mgr.  
513-372-3110  
[joanna.ducker@lsi-industries.com](mailto:joanna.ducker@lsi-industries.com)

### **MANNINGTON**

888-241-2262

### **MATS, INC.**

800-628-7462

### **MODERN MASTERS**

800-942-3166

### **PEBBLE TILE SHOP**

888-870-9591

### **PROCOAT**

877-511-3456

### **RYTEC CORPORATION**

888-467-9832

### **SCHLUTER-SYSTEMS US**

800-472-4588

### **SHERWIN WILLIAMS**

800-474-3794

### **3M**

888-364-3577

## TERMINOLOGY

**ACM** - Aluminum Composite Material - a rigid sheet made of two sheets of pre-finished aluminum, bonded to a polyethylene core

**CIP 2.0** - Corporate Identity Program - a set of interior branding elements, such as a reception desk, brand wall, illuminated graphic, interior directional signage, etc.

**DPF** - Dealer Participation Form - an enrollment document in the GDSI Facility Design Services Program

**DID Deliverables** - Design Intent Documents consisting of drawings as well as renderings, estimates, manual and proposals

**Entry Element** - a primary customer showroom entrance, located on the main showroom elevation

**Final Presentation** - a presentation meeting to review DID deliverables

**Final Compliance Review** - on-site visit to the store to document compliance of the installed GDSI elements

**GDSI** - Global Dealership Space Identity - Hyundai's program based upon customer experience, mobility of cars and space inspired by nature

**Inclined Columns** - inspired by the verticality of the trees and natural forest, a group of angled columns (3 minimum) randomly arranged in a cluster to emulate tree trunks with the base finished in pebble tile

**Initial Survey** - a survey of the facility to develop a master facility plan in accordance with HMA's GDSI standards

**Lead Car Zone** - inspired by natural hexagonal rock landscapes, an area in the showroom depicted by specified floor tile serving as a vehicle display pad

**Planning Guide** - a guide established for each dealership that drives standards for land and building size, showroom vehicles, service bays, parts and storage

**75% Review** - a review of the 75% set of Construction Documents

**Shaped Sky Ceiling and Fascia** - inspired by the sky pattern of clouds in nature, an ACM ceiling and exterior fascia system

**SSG** - Structural Silicone Glazing - an exterior glazing system

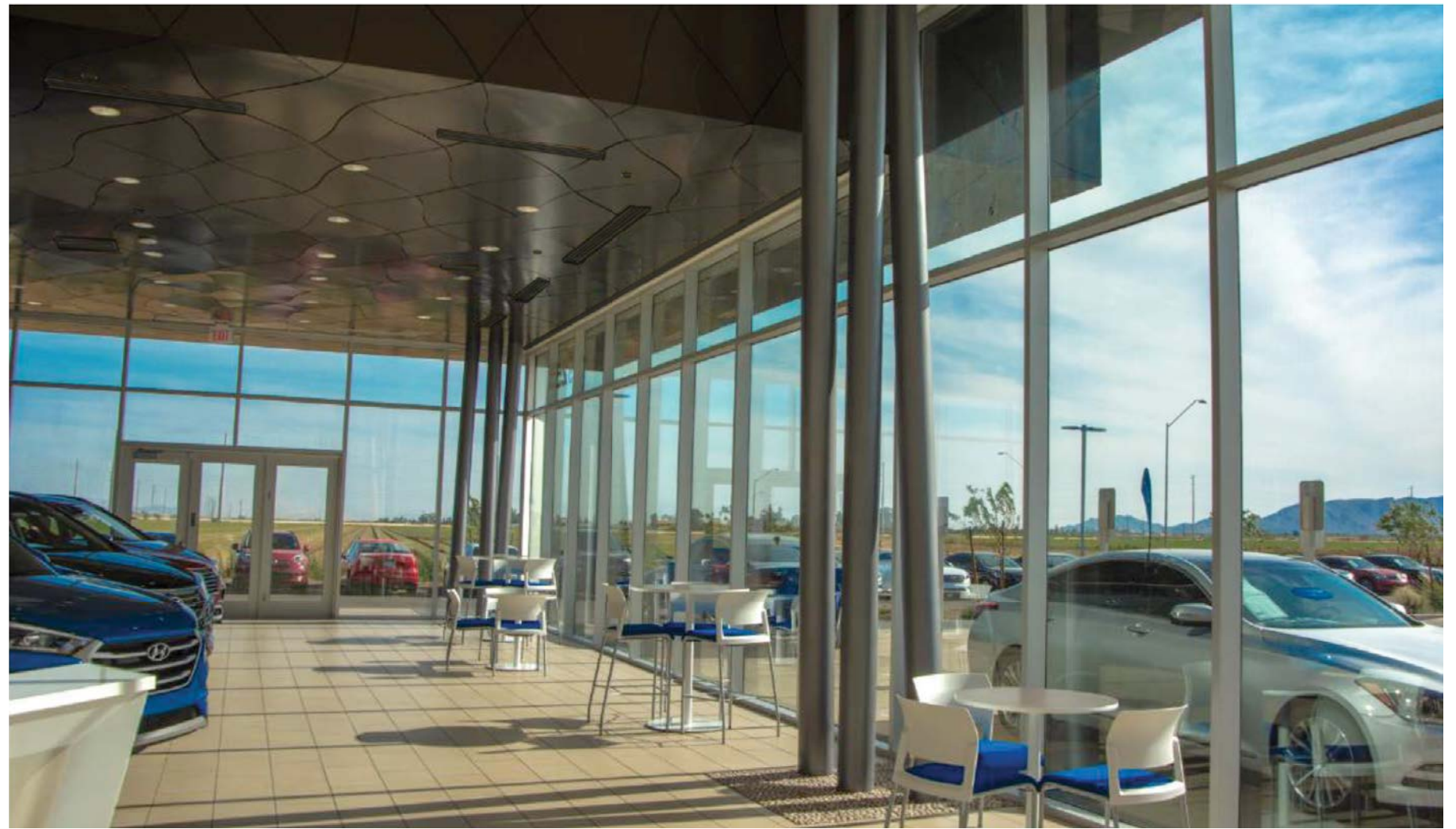


FINISH SCHEDULE

"Approved Vendor" Contact List &  
Terminology

6.11

09/30/2020



## Customer Lounge Seating

### 1 Jenny Lounge (Standard)



Fabric:  
Cogent Connect  
Graphite



Fabric:  
Cogent Connect  
Quicksilver

### 2 media:scape Lounge (Premium)



Fabric:  
Cogent Connect  
Graphite



Fabric:  
Cogent Connect  
Quicksilver

## Lounge Power Access

### 1 Thread – by 6' cord



Arctic White



Platinum Metallic

## Customer Lounge Tables – Coffee

### Jenny



Table Top:  
Laminate  
Virginia Walnut

Legs:  
Aluminum



Table Top:  
Solid Laminate  
Arctic White

Legs:  
Aluminum

## Customer Lounge Tables - End

### Jenny



Table Top:  
Laminate  
Graphite Walnut

Legs:  
Aluminum



Table Top:  
Solid Laminate  
Arctic White

Legs:  
Aluminum

### Big Table with 3 power/usb



Table Top:  
Laminate  
Graphite Walnut

Legs:  
Milk Smooth



Table Top:  
Solid Laminate  
Arctic White

Legs:  
Aluminum

## Children's Play Area

### 1 Simple Table\* – by Turnstone



Table Top: Laminate Graphite Walnut

Legs: Arctic White



Table Top: Solid Laminate Arctic White

Legs: Platinum Metallic

### 2 Buoy

Graphite Red

Graphite Blue

Graphite Green



## Table Option-TV Console

### 1 CG\_1 – by Coalesse



Table Top: Laminate Graphite Walnut

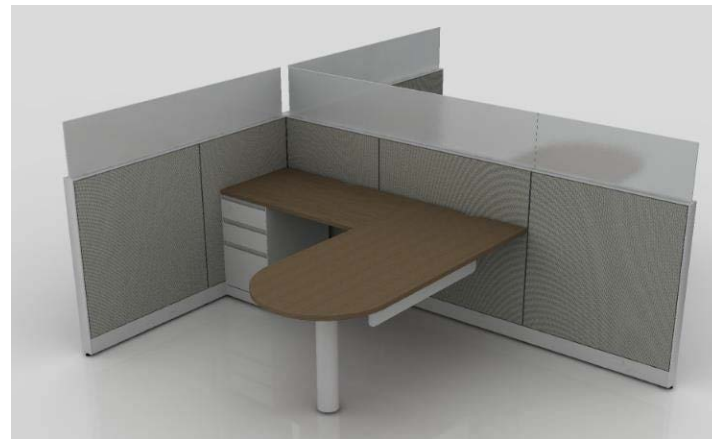
Table Top: Solid Laminate Arctic White



Table Top: Solid Laminate Arctic White

Frame: Metal/ Paint Platinum Metallic

1 Answer



- Frame: Plastic White
- Desk: Laminate Graphite Walnut
- Panel/Screen: Latch Cool Gray

1 Answer



- Frame: Plastic White
- Desk: Laminate Graphite Walnut
- Panel/Screen: Latch Cool Gray

L-Shape Office

1 Answer



- Desk: Laminate Graphite Walnut
- Base: Plastic Arctic White



- Desk: Laminate Arctic White
- Base: Platinum

U-Shape Office – General Manager, F&I, Service Manager

1 Answer



- Desk: Laminate Graphite Walnut
- Base: Plastic Arctic White
- Panel/Screen: Latch Cool Gray






- Desk/Base: Plastic Arctic White
- Base: Platinum
- Panel/Screen: Latch Cool Gray




**Seating-Dealership Personnel**  
**Private Office, Reception Desk, Sales Consultant, Internet Sales**

**1 Qivi (Premium)**






-  Back: Qivi Net Graphite
-  Seat Fabric: Cogent Connect Graphite
-  Frame: Plastic White






-  Back: Qivi Net Malt
-  Seat Fabric: Cogent Connect Quicksilver
-  Frame: Plastic White

**2 Series 1 (Standard)**



-  Back: Qivi Net Graphite
-  Seat Fabric: Cogent Connect Graphite
-  Frame: Plastic White






-  Back: 3D Knit Malt
-  Seat Fabric: Cogent Connect Quicksilver
-  Frame: Plastic White




**Seating Customer**

**1 Qivi (Premium)**






-  Back: Qivi Net Graphite
-  Seat Fabric: Cogent Connect Royal Blue
-  Frame: Plastic White





-  Back: Qivi Net Graphite
-  Seat Fabric: Cogent Connect Graphite
-  Frame: Plastic White





-  Back: Qivi Net Malt
-  Seat Fabric: Cogent Connect Quicksilver
-  Frame: Plastic White

**2 Sterling (Executive)**




-  Seat Fabric: Cogent Connect Royal Blue
-  Base: Platinum





-  Seat Fabric: Cogent Connect Graphite
-  Base: Platinum





-  Seat Fabric: Cogent Connect Quicksilver
-  Base: Platinum

**3 Move (Standard)**





-  Seat Fabric: Cogent Connect Royal Blue
-  Frame: Plastic White



-  Seat Fabric: Cogent Connect Graphite
-  Frame: Plastic White



-  Seat Fabric: Cogent Connect Quicksilver
-  Frame: Plastic White



**Café Table (seated height) Option for Sales Floor/Vehicle Delivery**

**1 Enea – by Coalesse (Premium)**



**2 Groupwork– by Steelcase (Standard) Option for Breakroom Table**



**Café Stools Option for Sales Floor/Vehicle Delivery**

**1 Enea-by Coalesse (Premium)**



**Café Table (stool height) Option for Sales Floor/Vehicle Delivery**

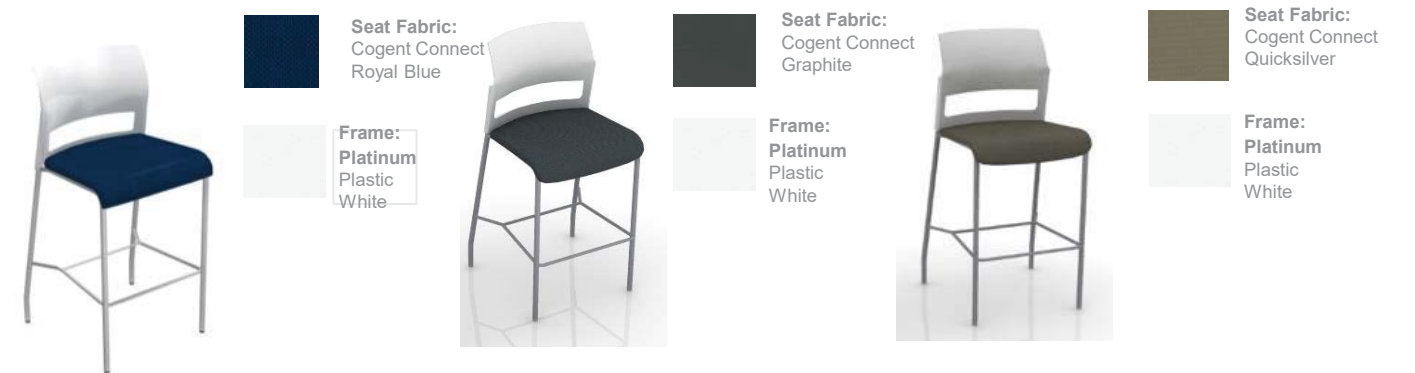
**1 Enea – by Coalesse (Premium)**



**2 Simple Table (Standard)**






**2 Move (Standard)**



**Sales Managers' Desk**  
1 Answer






-  Surface: Laminated Graphite Walnut
-  Inset: Arctic White
-  Storage: Arctic White



-  Surface: Plastic Arctic White
-  Inset: Brushed Silver
-  Storage: Platinum Metallic

**Service Advisor's Desk**  
1 Big Table



-  Surface: Laminated Graphite Walnut
-  Inset: Arctic White
-  Storage: Arctic White




2 Big Table






-  Surface: Plastic Arctic White
-  Inset: Brushed Silver
-  Storage: Platinum Metallic

**Internet Sales/ Customer Lounge Workstations**  
1 Answer



-  Desk: Laminated Graphite Walnut
-  Base: Plastic Arctic White
-  Panel/Screen: Plain Jane Papyrus






-  Desk/Base: Plastic Arctic White
-  Base: Platinum
-  Panel/Screen: Plain Jane Papyrus




**Stools**  
**Service , Sales Tower**

**1 Qivi (Premium)**





-  Back:  
Qivi Net  
Graphite
-  Seat Fabric:  
Cogent Connect  
Graphite
-  Frame:  
Plastic  
White





-  Back:  
Qivi Net  
Malt
-  Seat Fabric:  
Cogent Connect  
Quicksilver
-  Frame:  
Plastic  
White

**2 Series 1 (Standard)**



-  Seat Fabric:  
Cogent Connect  
Graphite
-  Frame:  
Plastic  
White





-  Seat Fabric:  
Cogent Connect  
Quicksilver
-  Frame:  
Plastic  
White



**Stools**  
**Retail Parts**

**1 Move (Standard)**



-  Seat Fabric:  
Cogent Connect  
Graphite
-  Back:  
Plastic  
White



-  Seat Fabric:  
Cogent Connect  
Quicksilver
-  Back:  
Plastic  
White




**Training Room Seating**

**1 Move**



-  Seat Fabric:  
Cogent Connect  
Graphite
-  Back:  
Arctic  
White
-  Frame:  
Platinum Metallic






-  Seat Fabric:  
Cogent Connect  
Quicksilver
-  Back:  
Arctic  
White
-  Frame:  
Platinum Metallic

**Breakroom Seating**

**1 Move**



-  Seat Fabric:  
Cogent Connect  
Graphite
-  Back:  
Arctic  
White
-  Frame:  
Platinum Metallic



-  Seat Fabric:  
Cogent Connect  
Quicksilver
-  Back:  
Arctic  
White
-  Frame:  
Platinum Metallic

**Training Room Table**

**1 Groupwork – by Turnstone**



**1 Currency – laminate (Standard)**



**Desk:**  
Laminate  
Graphite Walnut



**Panel/Screen:**  
Plain Jane  
Papyrus

**2 Elective Elements – wood veneer (Premium)**



**Desk:**  
Veneer  
Graphite Walnut



**Panel/Screen:**  
Plain Jane  
Papyrus

**1 Gesture (Premium)**



**Fabric:**  
Stand-In Faux  
Leather Graphite

**2 Series 1 (Standard)**



**Back:**  
Qivi Net  
Graphite



**Seat Fabric:**  
Cogent Connect  
Graphite



**Frame:**  
Plastic  
White



**Back:** 3D  
Knit  
Malt



**Seat Fabric:**  
Cogent Connect  
Quicksilver



**Frame:**  
Plastic  
White

**Dealer Office General Manager – Conference Chair**

**1 SW\_1 (Premium)**



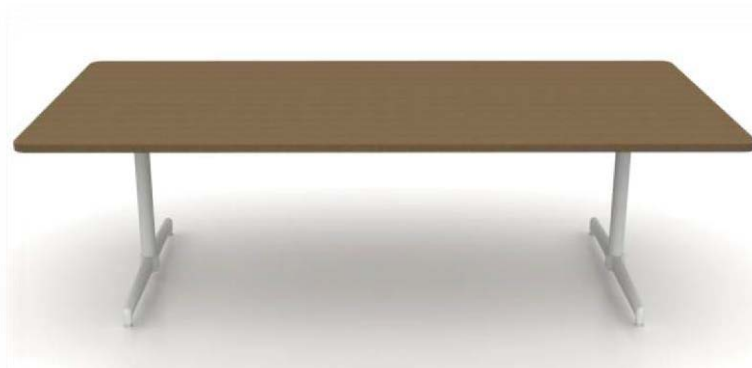
**Fabric:**  
Cogent Connect  
Graphite



**Fabric:**  
Cogent Connect  
Quicksilver

**Dealer Office – General Manager Conference Table**

**1 Universal**



**Table Top:**  
Laminate  
Graphite Walnut

**2 Universal**



**Table Top:**  
Laminate  
Graphite Walnut

**2 Qivi (Premium)**



**Back:**  
Qivi Net  
Graphite



**Seat Fabric:**  
Cogent Connect  
Graphite



**Frame:**  
Plastic  
White



**Back:**  
Qivi Net  
Malt



**Seat Fabric:**  
Cogent Connect  
Quicksilver



**Frame:**  
Plastic  
White



**HYUNDAI**

FURNITURE  
Program Standards

**7.9**

09/30/2020



## SIGNAGE REQUIREMENTS

ELEMENT	DESCRIPTION OF REQUIREMENTS	Exclusive	Dual
<b>Pylon / Monument</b>	Installation of current GDSI 2.0 Pylon/Monument Sign with Dealer Name is required. Multiple signs can be installed if permitted by local code. No other temporary signage or lettering is to be affixed to the face of the sign unless required by local code. Design and placement must be as specified in the Design Manual, Sections 5.2 and 8.3-8.9.	●	●
<b>Hyundai Logo &amp; Letter Set</b>	Installation of current GDSI 2.0 dimensional chrome Hyundai Logo and Letter Set signage on the fascia is required. Placement and proportions must be as specified in the Design Manual, Sections 8.2 and 8.12.	●	●
<b>Dealer Name</b>	Installation of current GDSI 2.0 Dealer Name Channel Letters on the fascia is required. Placement and proportions must be as specified in the Design Manual, Sections 8.2 and 8.12.	●	●
<b>Service</b>	Installation of current GDSI 2.0 Service Letters on the fascia is required. Placement and proportions must be as specified in the Design Manual, Section 8.2 and 8.13-8.14. <u>Note:</u> In Dual Facilities, the Hyundai Logo must be installed on the fascia with the “Service” letters to differentiate the Hyundai drive aisle (“Logo Set”).	●	●
<b>Pre-Owned &amp; Parts</b>	Installation of current GDSI 2.0 “Certified Pre-Owned”, “Pre-Owned” and “Parts” Channel Letters on the fascia is optional. If utilized, the placement and proportions must be as specified in the Design Manual, Section 8.13-8.15 and 10.1.	⊙	⊙
<b>Directional</b>	Installation of current GDSI 2.0 Directional Signage is required when designated Sales & Service Entrances and Customer Parking are not clearly visible from the main access driveway. Signs must be located within curbed or greenspace areas to protect signage. See Design Manual, Section 8.10.	●	●
<b>Address</b>	If required by local code, the preferred location for the address is on the Pylon/Monument Sign, centered below the Dealer Name. If an address is required on the building, it must be located on the showroom glass (vinyl) directly above the Entry Element or in the upper left-hand or right-hand corner of the showroom glass. If placement is required on the fascia, consult with HMA and Survey Vendor on appropriate placement.	⊙	⊙
<b>Days and Hours of Operation</b>	Days and Hours of Operation must be posted on designated Customer Entrances. If hours are different for Sales, Parts and/or Service, department-specific days and hours must be posted on associated entrance doors.	●	●
<b>Existing &amp; Non-Standard</b>	Any and all signage that is not compliant with current GDSI 2.0 standards, from prior HMA branding programs (GSP, GEN2, GEN1, etc.) and/or from prior manufacturers is prohibited and must be removed from the site and building. The use of dealer-specific logos, fonts, colors, etc., is prohibited. <u>Note:</u> If the Hyundai site is shared with another manufacturer (“Dual”), their signage is permitted; however, their signage does not eliminate the requirements for any or all of the GDSI 2.0 Signage.	●	●

GDSI 2.0  
INTRODUCTION

SITE

FASCIA &  
EXTERIOR

SHOWROOM  
& SALES

VEHICLE  
DELIVERY

SERVICE  
DRIVE

CUSTOMER  
LOUNGE

SERVICE &  
PARTS

NON  
CUSTOMER

PROTOTYPE  
DESIGN

**SIGNAGE**



SITE & BUILDING SIGNAGE

Brand Standards – Signage

**8.2**

09/30/2020

**HYUNDAI GDSI 2.0 SIGNAGE ON STEPPED FASCIA**

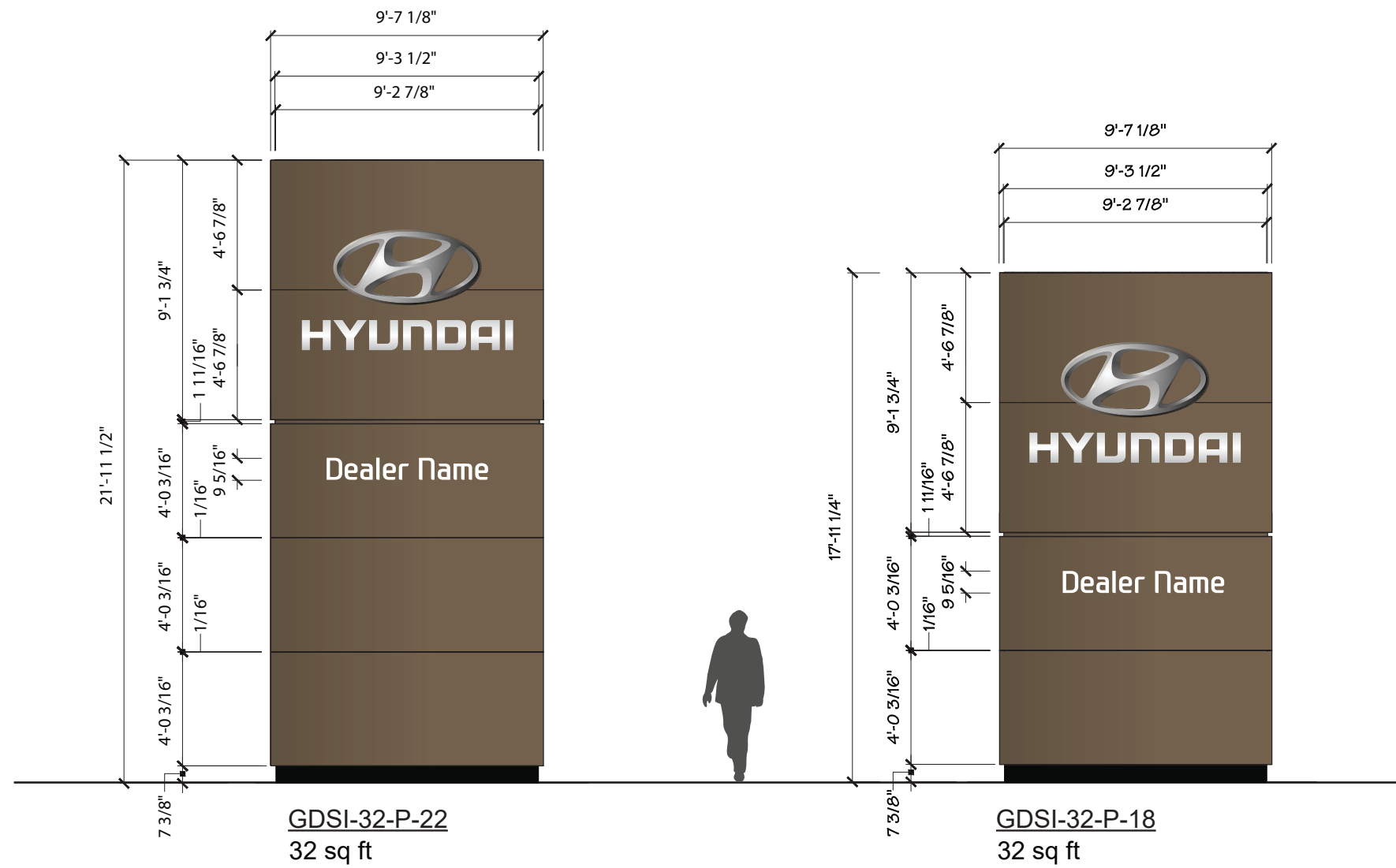
FASCIA HEIGHT	HYUNDAI LOGO SET	PLACEMENT	STEP HEIGHT	DEALER NAME LETTERS	PLACEMENT	SERVICE FASCIA HEIGHT	SERVICE LOGO SET	PLACEMENT			NOTES
12'-0"	HCS-57F/HCL-41F	- PLACE 82" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA	5'-0"	DPW-36F	- PLACE 82" FROM EDGE OF STEP - TOP JUSTIFY ON TOP OF STEP	8'-0"	HWS-33F/SW-24F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			<p>NOTES:</p> <ol style="list-style-type: none"> <li>Height of Hyundai Letters are always to be taller/larger than Dealer Name and Service Letters</li> <li>Height of Service Letters may be increased to the same height as the Dealer Name Letters if Service Fascia sits more than 25'-0" behind the front fascia</li> <li>Step and Service Fascia Heights noted are recommendations. Deviations are allowed, but maintain proportions as closely as possible</li> <li>If required, Parts and Car Care Express signage to follow the same rules and ratios as Service signage</li> </ol> <p>KEY:</p> <p>HCS = Hyundai Chrome Symbol (Logo) HCL = Hyundai Chrome Letters DPW = Dealer Name White HWS = Hyundai White Symbol (Logo) SW = Service White (Letters)</p>
11'-0"	HCS-57F/HCL-41F	- PLACE 82" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA	5'-0"	DPW-30F	- PLACE 82" FROM EDGE OF STEP - TOP JUSTIFY ON TOP OF STEP	8'-0"	HWS-33F/SW-24F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
10'-0"	HCS-43F/HCL-30F	- PLACE 60" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA	5'-0"	DPW-24F	- PLACE 60" FROM EDGE OF STEP - TOP JUSTIFY ON TOP OF STEP	7'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
9'-0"	HCS-43F/HCL-30F	- PLACE 60" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA	4'-6"	DPW-24F	- PLACE 60" FROM EDGE OF STEP - TOP JUSTIFY ON TOP OF STEP	7'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
8'-0"	HCS-43F/HCL-30F	- PLACE 60" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA	4'-0"	DPW-24F	- PLACE 60" FROM EDGE OF STEP - TOP JUSTIFY ON TOP OF STEP	6'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
7'-0"	HCS-32F/HCL-23F	- PLACE 46" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA	4'-0"	DPW-18F	- PLACE 46" FROM EDGE OF STEP - TOP JUSTIFY ON TOP OF STEP	5'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
6'-0"	HCS-32F/HCL-23F	- PLACE 46" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA	4'-0"	DPW-18F	- PLACE 46" FROM EDGE OF STEP - TOP JUSTIFY ON TOP OF STEP	4'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
5'-0"	HCS-22F/HCL-16F	- PLACE 32" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA	3'-0"	DPW-18F	- PLACE 32" FROM EDGE OF STEP - TOP JUSTIFY ON TOP OF STEP	4'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			

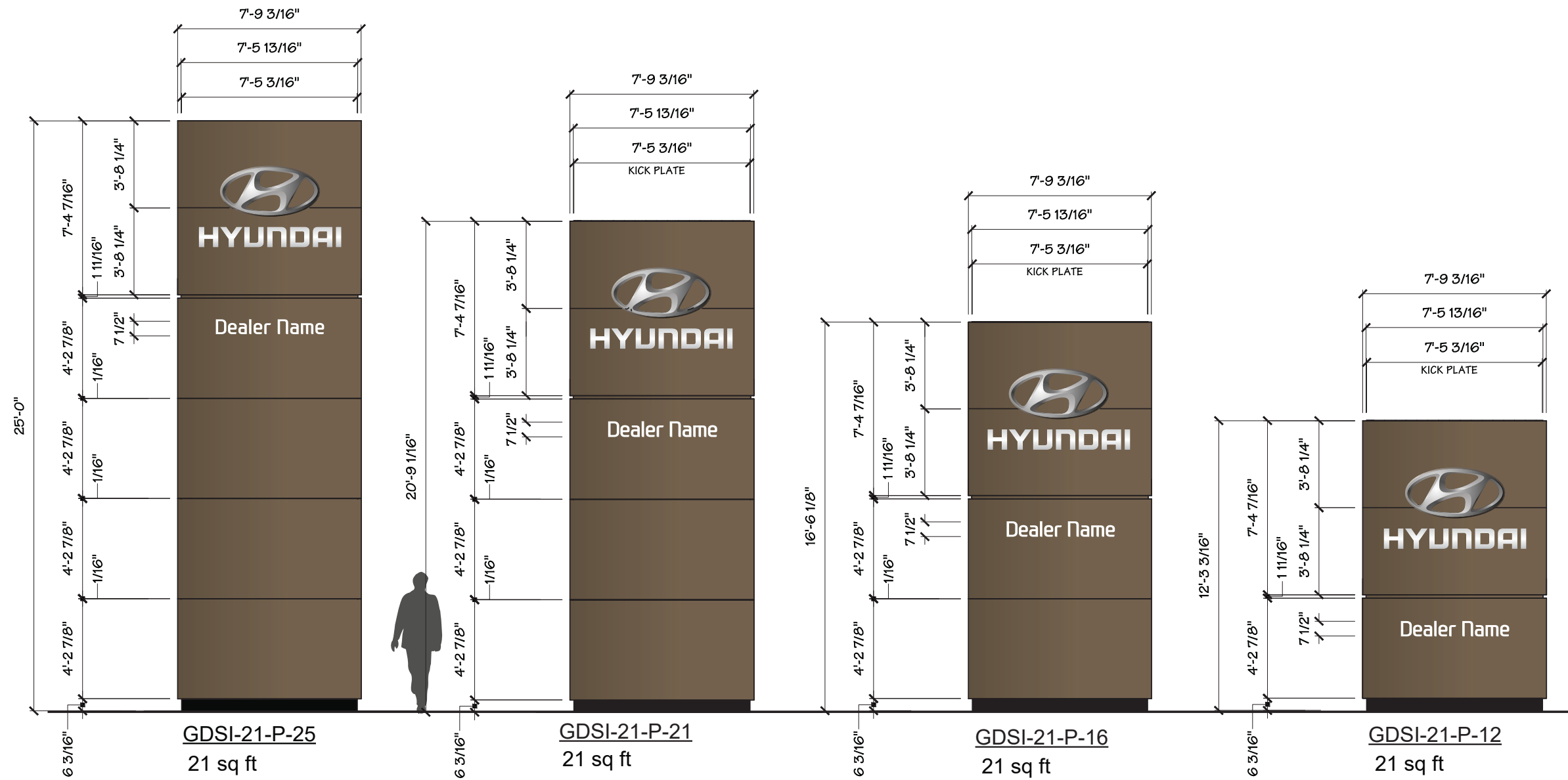
**HYUNDAI GDSI 2.0 SIGNAGE ON STRAIGHT FASCIA**

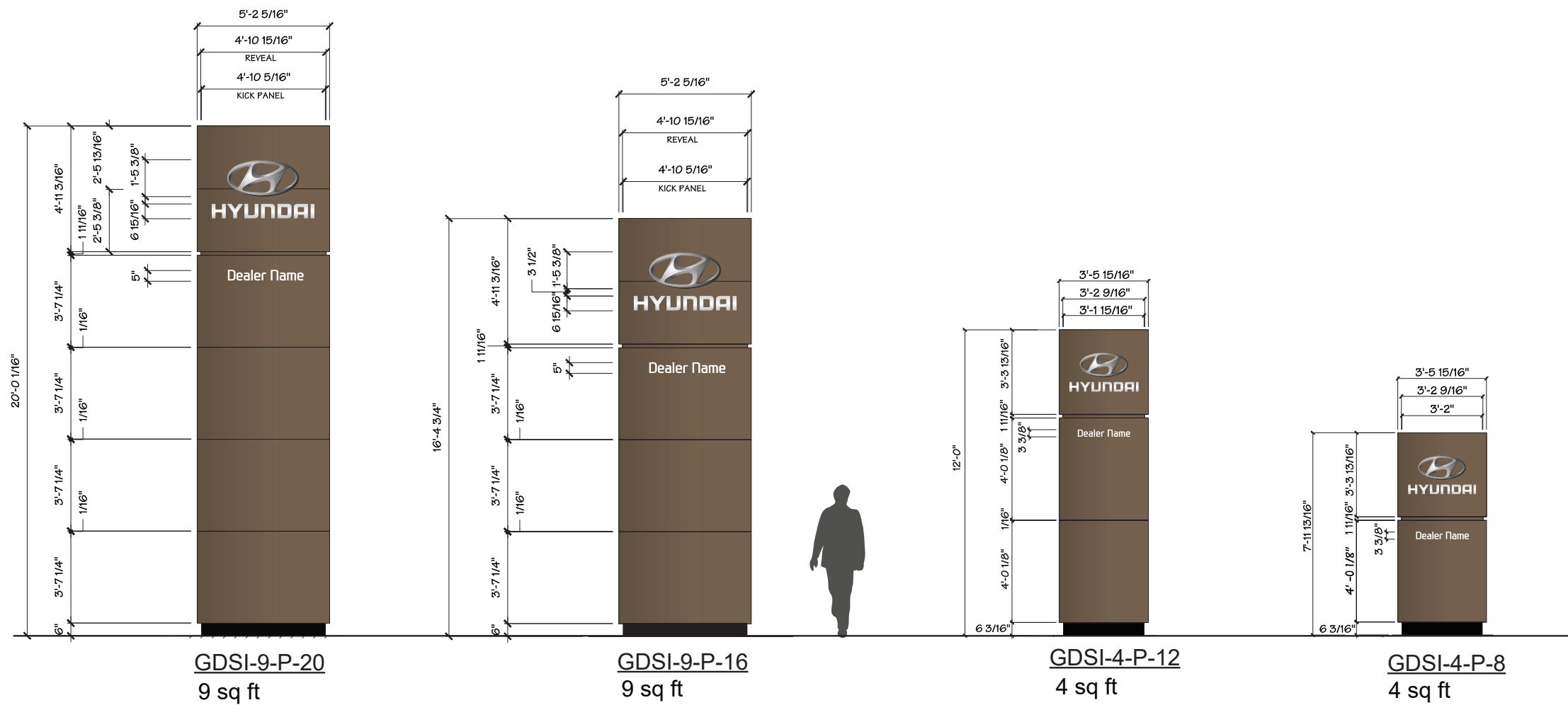
FASCIA HEIGHT	HYUNDAI LOGO SET	PLACEMENT		DEALER NAME LETTERS	PLACEMENT	SERVICE FASCIA HEIGHT	SERVICE LOGO SET	PLACEMENT			NOTES
12'-0"	HCS-57F/HCL-41F	- PLACE 82" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA		DPW-36F	- PLACE 82" FROM EDGE OF FASCIA - CENTER ON HYUNDAI LOGO SET	8'-0"	HWS-33F/SW-24F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			<p>NOTES:</p> <ol style="list-style-type: none"> <li>Height of Hyundai Letters are always to be taller/larger than Dealer Name and Service Letters</li> <li>Height of Service Letters may be increased to the same height as the Dealer Name Letters if Service Fascia sits more than 25'-0" behind the front fascia</li> <li>Step and Service Fascia Heights noted are recommendations. Deviations are allowed, but maintain proportions as closely as possible</li> <li>If required, Parts and Car Care Express signage to follow the same rules and ratios as Service signage</li> </ol> <p>KEY:</p> <p>HCS = Hyundai Chrome Symbol (Logo) HCL = Hyundai Chrome Letters DPW = Dealer Name White HWS = Hyundai White Symbol (Logo) SW = Service White (Letters)</p>
11'-0"	HCS-57F/HCL-41F	- PLACE 82" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA		DPW-30F	- PLACE 82" FROM EDGE OF FASCIA - CENTER ON HYUNDAI LOGO SET	8'-0"	HWS-33F/SW-24F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
10'-0"	HCS-43F/HCL-30F	- PLACE 60" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA		DPW-24F	- PLACE 60" FROM EDGE OF FASCIA - CENTER ON HYUNDAI LOGO SET	7'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
9'-0"	HCS-43F/HCL-30F	- PLACE 60" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA		DPW-24F	- PLACE 60" FROM EDGE OF FASCIA - CENTER ON HYUNDAI LOGO SET	7'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
8'-0"	HCS-43F/HCL-30F	- PLACE 60" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA		DPW-24F	- PLACE 60" FROM EDGE OF FASCIA - CENTER ON HYUNDAI LOGO SET	6'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
7'-0"	HCS-32F/HCL-23F	- PLACE 46" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA		DPW-18F	- PLACE 46" FROM EDGE OF FASCIA - TOP JUSTIFY ON STEP	5'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
6'-0"	HCS-32F/HCL-23F	- PLACE 46" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA		DPW-18F	- PLACE 46" FROM EDGE OF FASCIA - TOP JUSTIFY ON STEP	4'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			
5'-0"	HCS-22F/HCL-16F	- PLACE 32" FROM EDGE OF FASCIA - CENTER ON HEIGHT OF FASCIA		DPW-18F	- PLACE 32" FROM EDGE OF FASCIA - TOP JUSTIFY ON STEP	4'-0"	HWS-24F/SW-18F	- CENTERLINE OF ALL BAY DOORS - CENTER ON HEIGHT OF FASCIA			

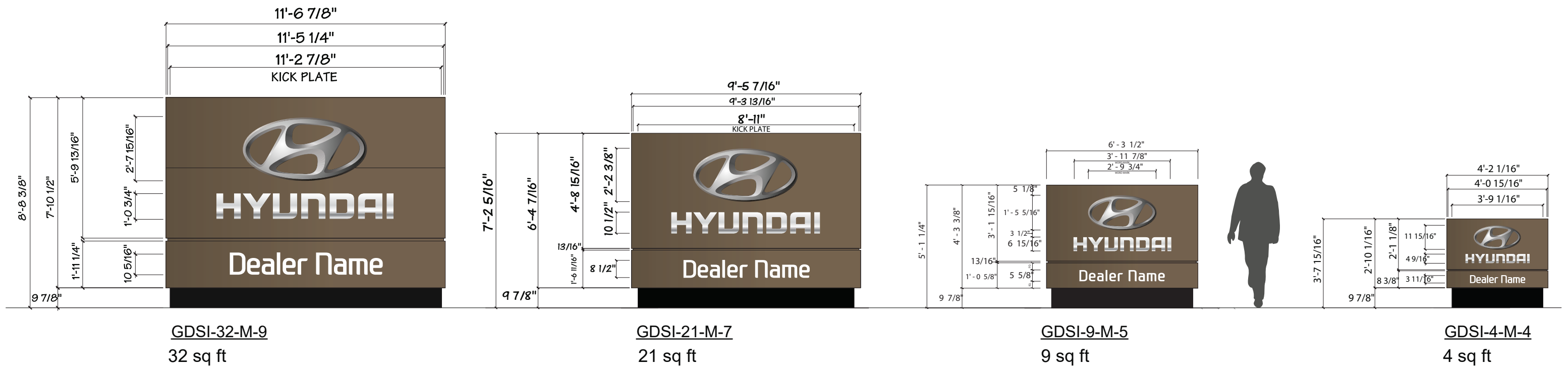


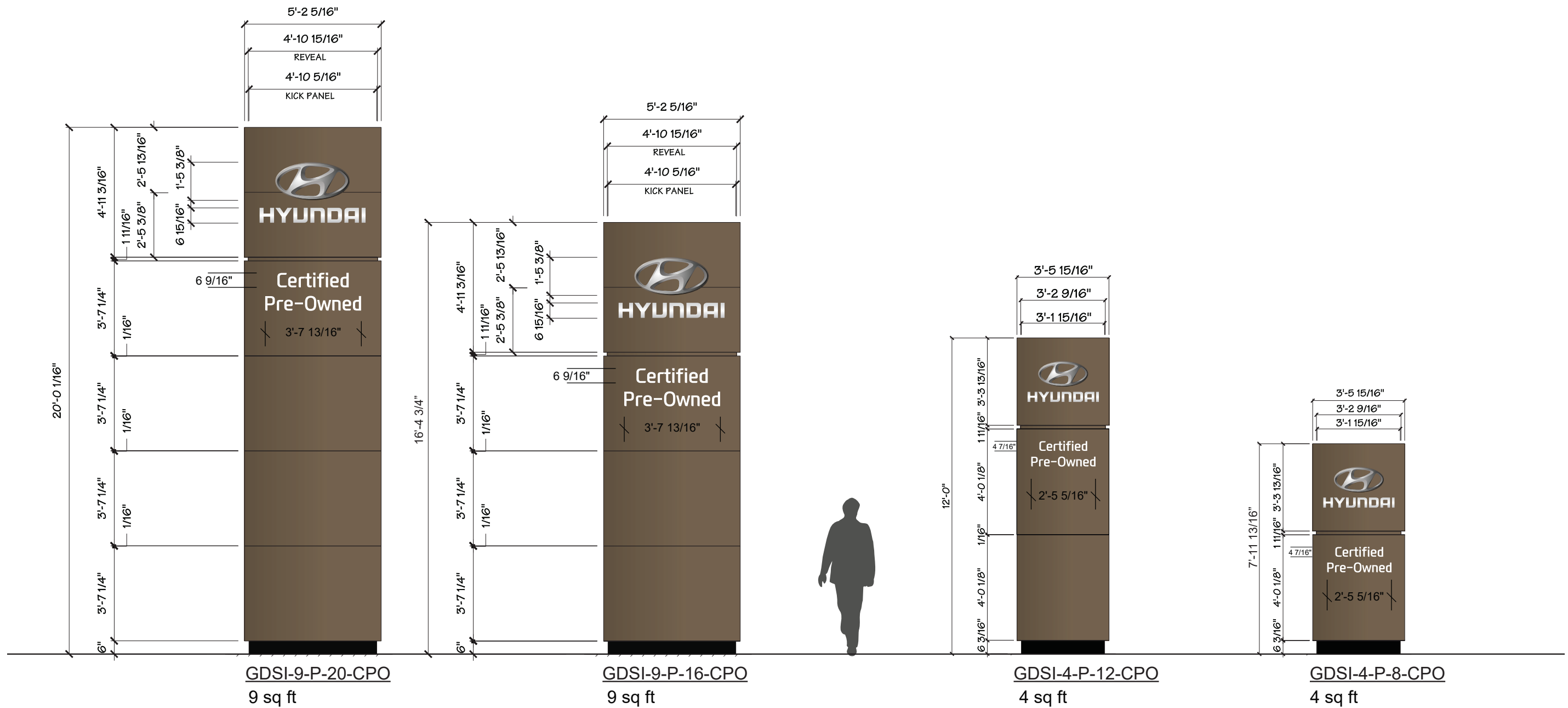


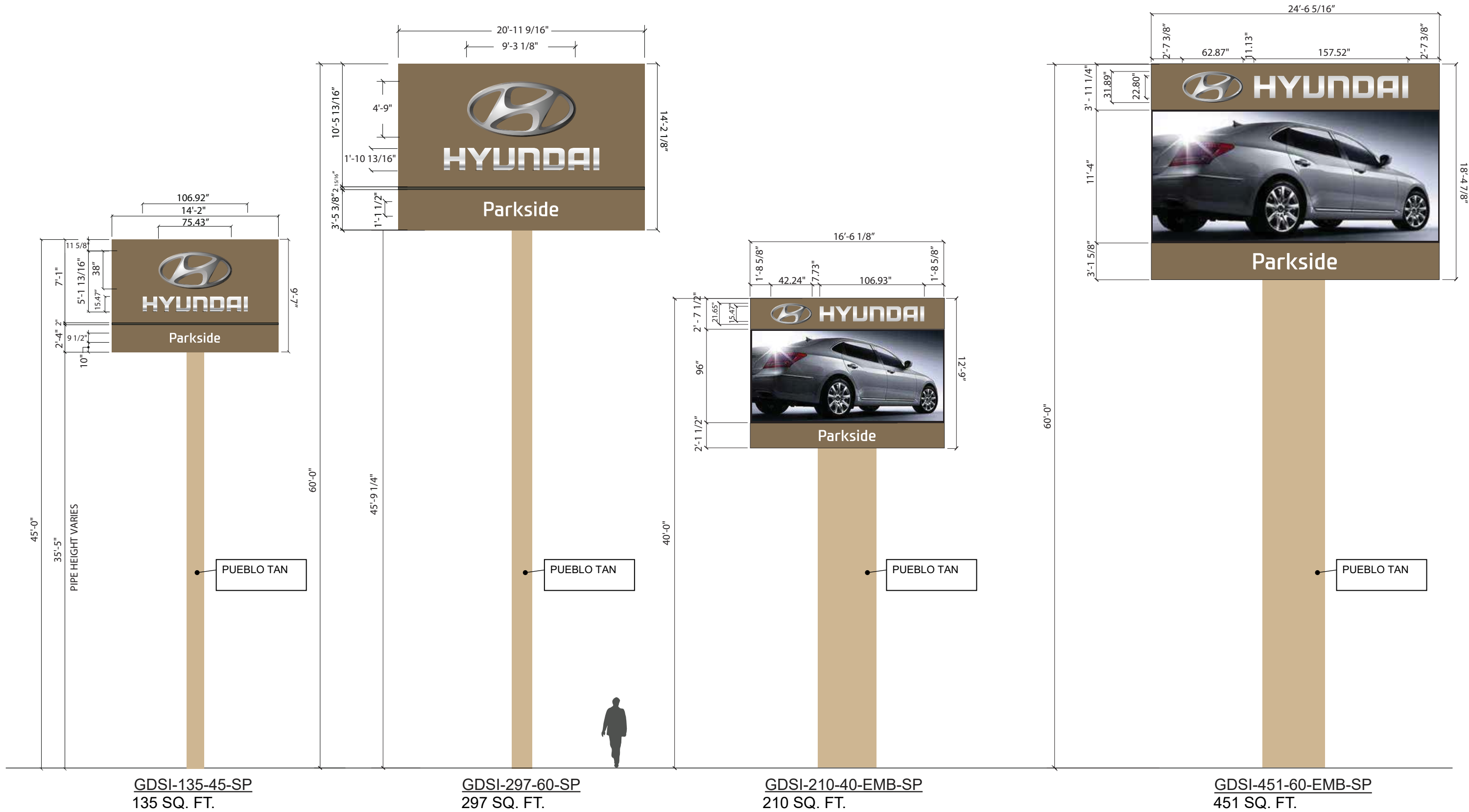


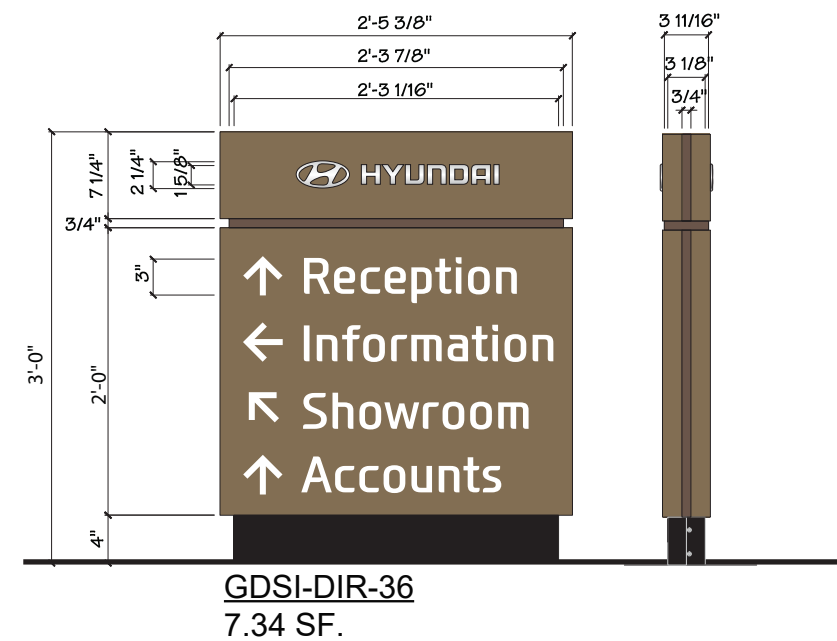
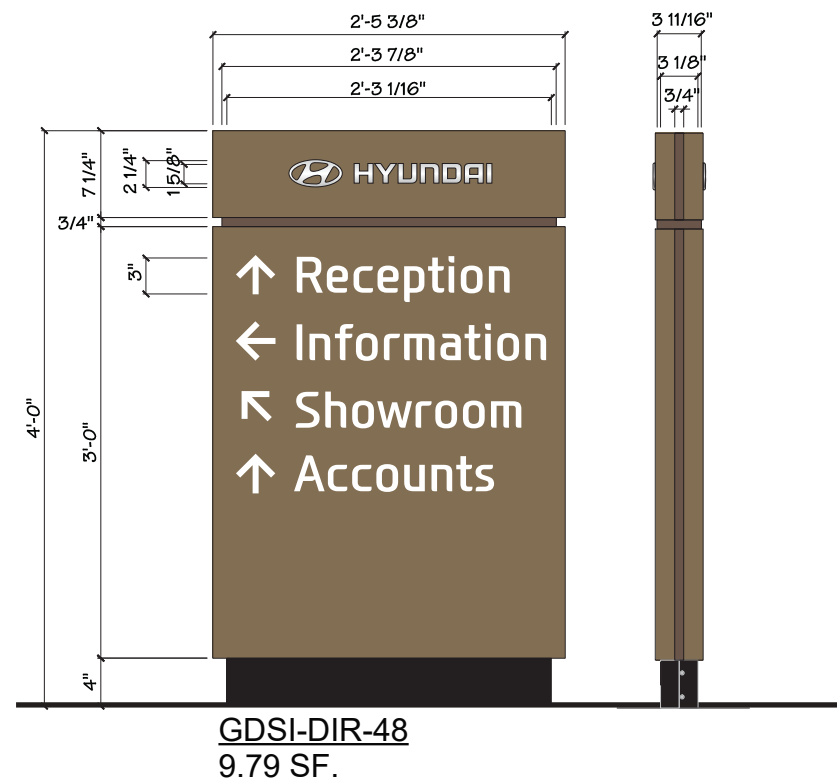


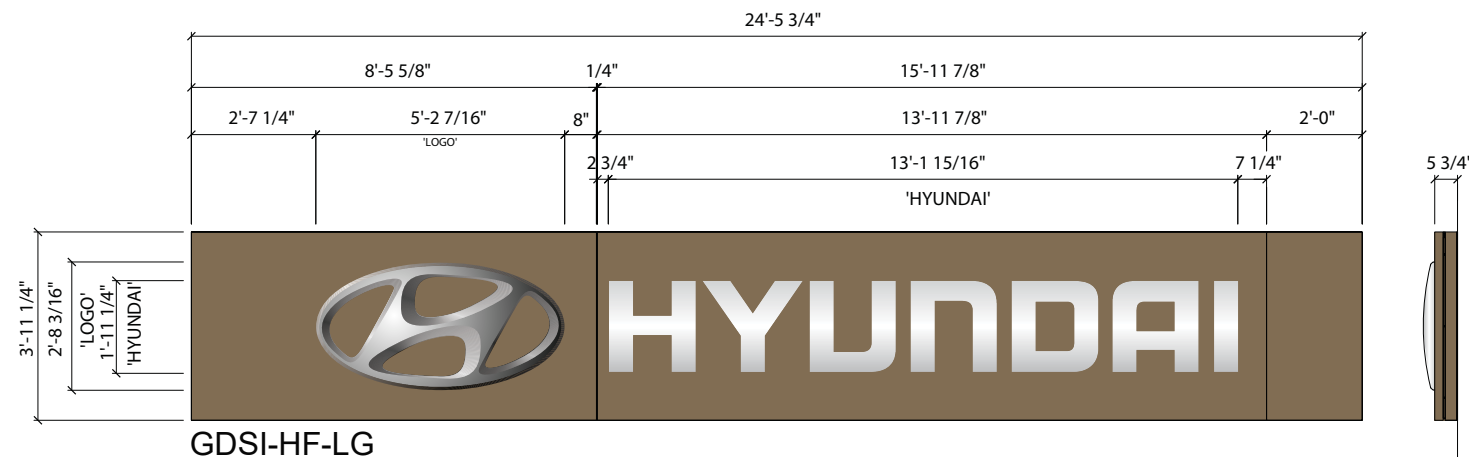




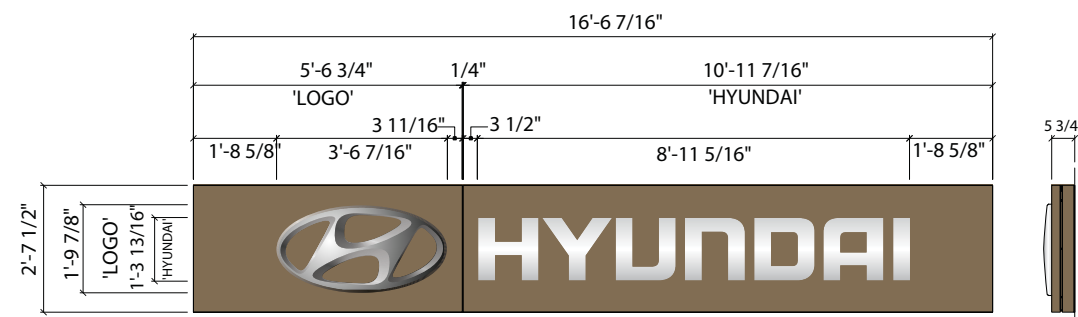








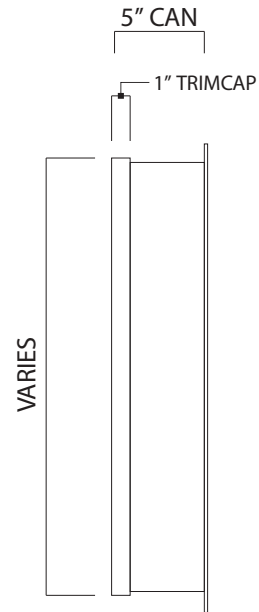
**GDSI-HF-LG**  
 96.38 sq ft  
 NEVER INSTALL OVER "SHAPED SKY" FASCIA



**GDSI-HF-SM**  
 43.40 sq ft  
 NEVER INSTALL OVER "SHAPED SKY" FASCIA



18" Dealer Name  
 DNW-18F



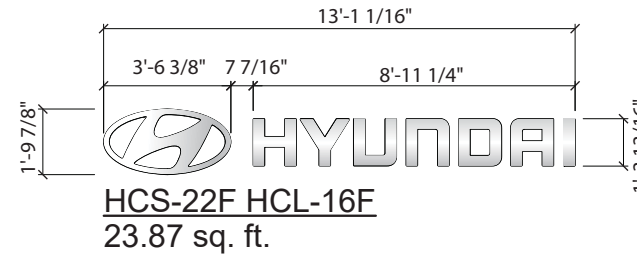
SIDE VIEW

24" Dealer Name  
 DNW-24F

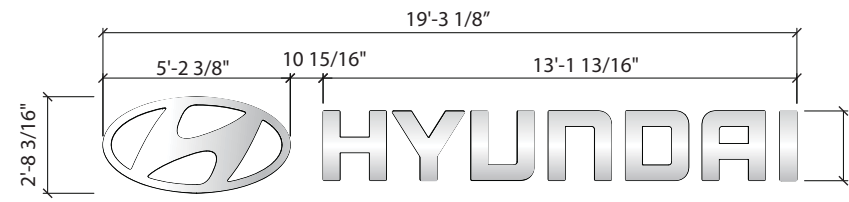
30" Dealer Name  
 DNW-30F

36" Dealer Name  
 DNW-36F

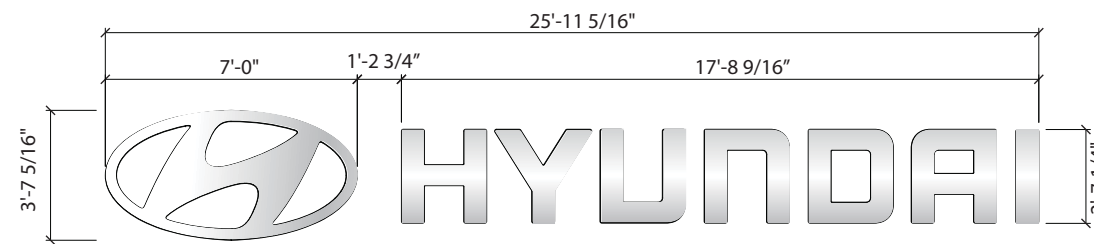
48" Dealer Name  
 DNW-48F



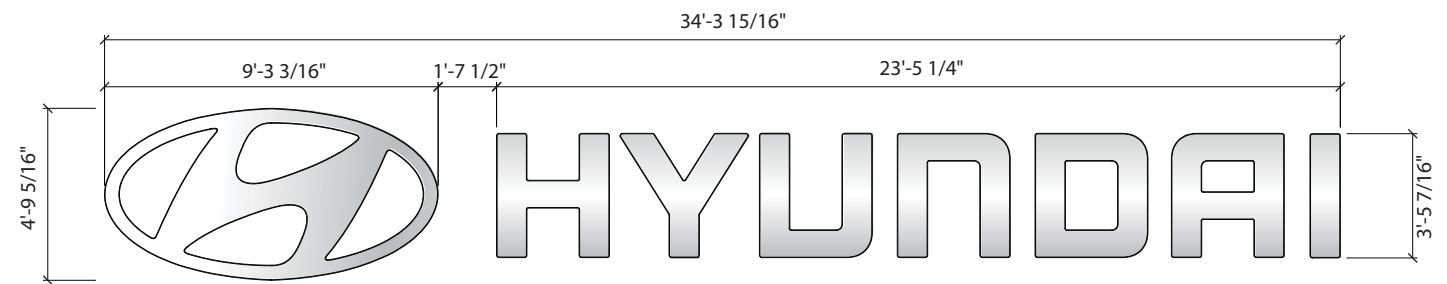
HCS-22F HCL-16F  
 23.87 sq. ft.



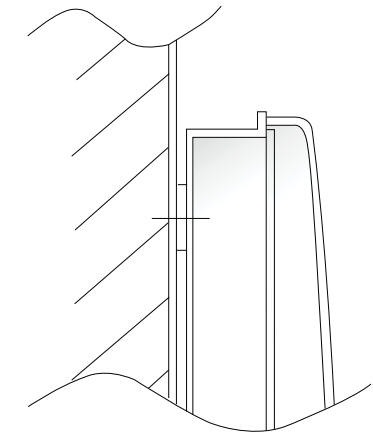
HCS-32F HCL-23F  
 51.70 sq. ft.



HCS-43F HCL-30F  
 93.59 sq. ft.

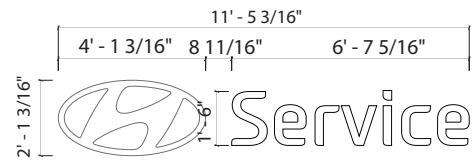


HCS-57F HCL-41F  
 163.95 sq. ft.

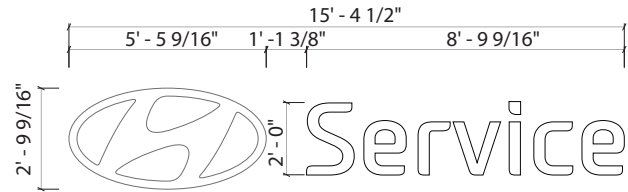


SIDE VIEW

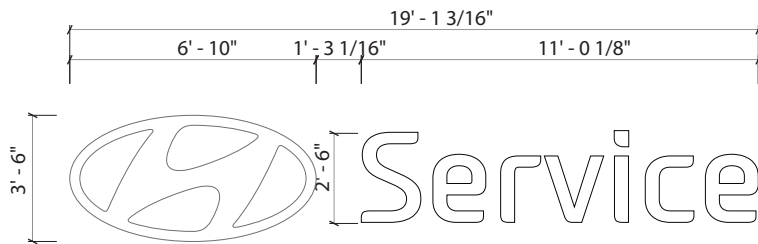




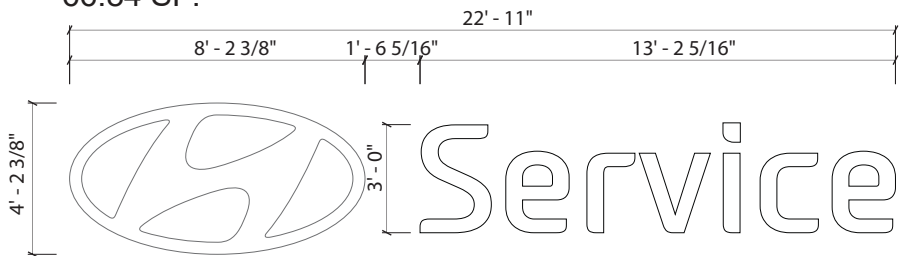
**HWS-24F SW-18F**  
23.99 SF.



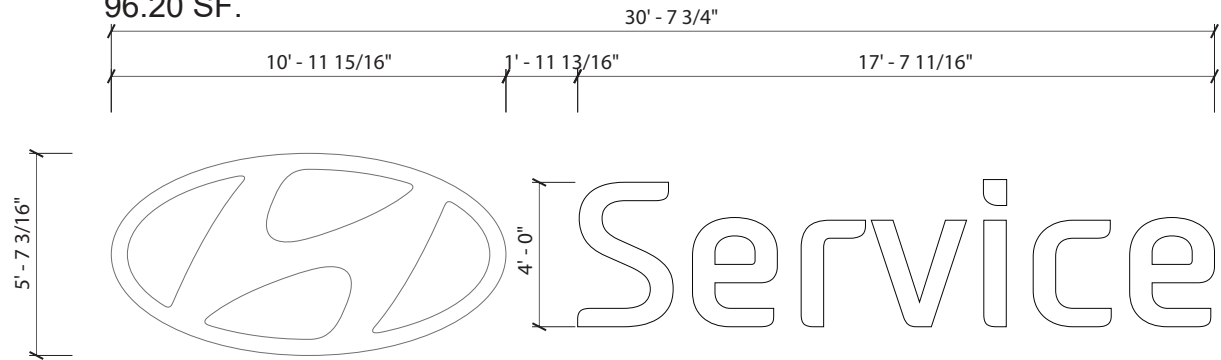
**HWS-33F SW-24F**  
43.00 SF.



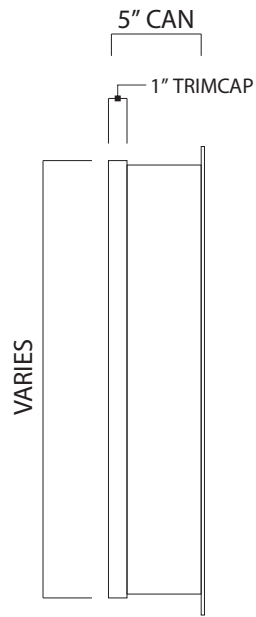
**HWS-42F SW-30F**  
66.84 SF.



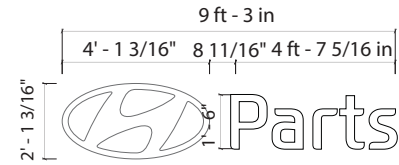
**HWS-50F SW-36F**  
96.20 SF.



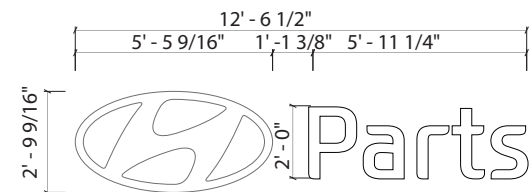
**HWS-68F SW-48F**  
171.58 SF.



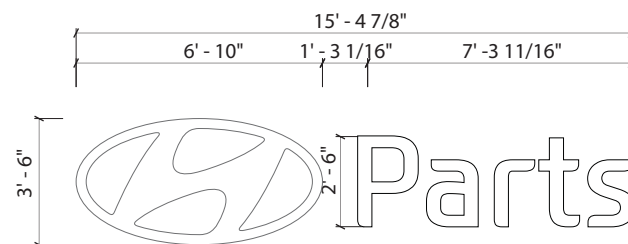
**SIDE VIEW**



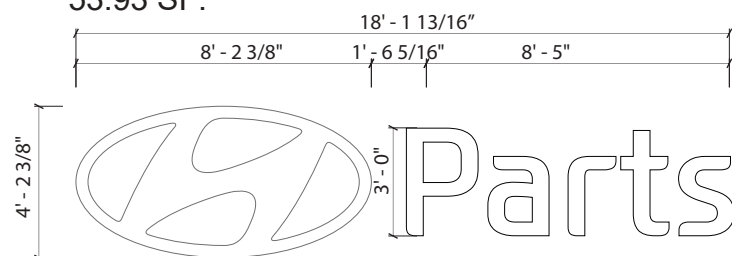
**HWS-24F DNW-18F**  
19.42 SF.



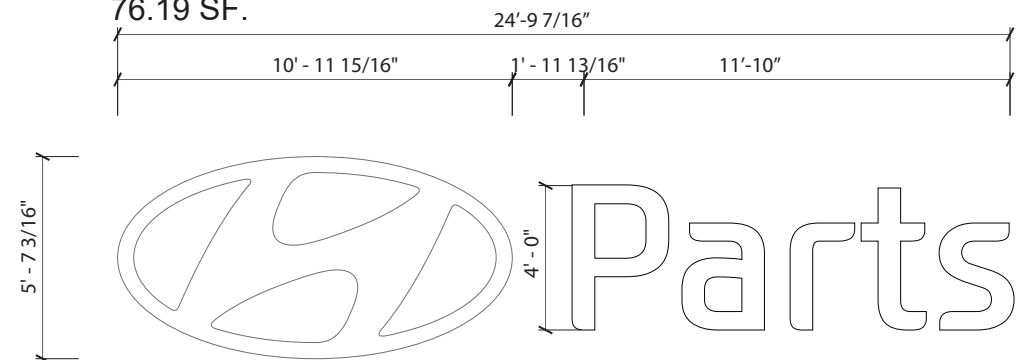
**HWS-33F DNW-24F**  
35.08 SF.



**HWS-42F DNW-30F**  
53.93 SF.



**HWS-50F DNW-36F**  
76.19 SF.



**HWS-68F DNW-48F**  
138.78 SF.



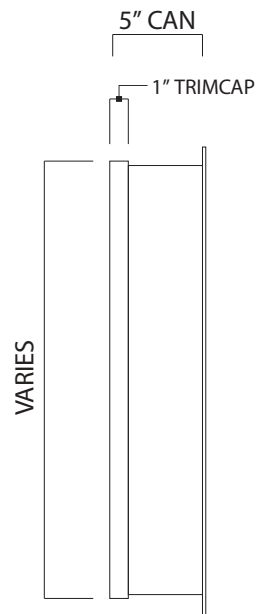
6' - 7 5/16"  
 1'-6" **Service**  
**SW-18F**  
 9.9 SF.

8' - 9 9/16"  
 2'-0" **Service**  
**SW-24F**  
 17.59 SF.

11' - 0 1/8"  
 2'-6" **Service**  
**SW-30F**  
 27.53 SF.

13' - 2 5/16"  
 3'-0" **Service**  
**SW-36F**  
 39.58 SF.

17' - 7 11/16"  
 4'-0" **Service**  
**SW-48F**  
 70.56 SF.



SIDE VIEW

4 ft - 7 5/16 in  
 1'-6" **Parts**  
**DNW-18F**  
 6.91 SF.

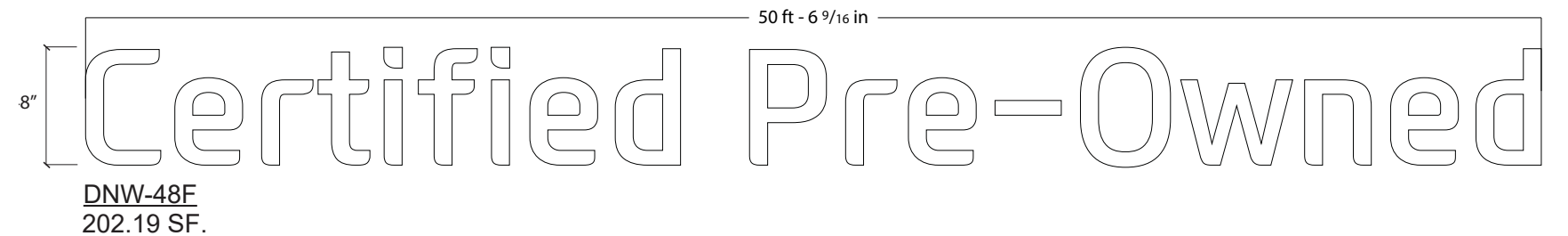
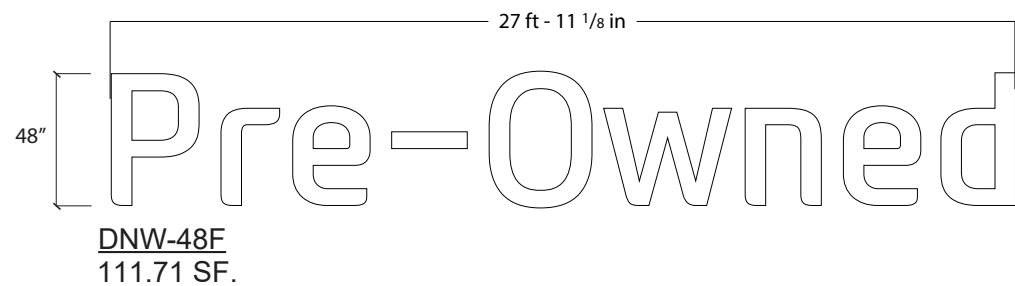
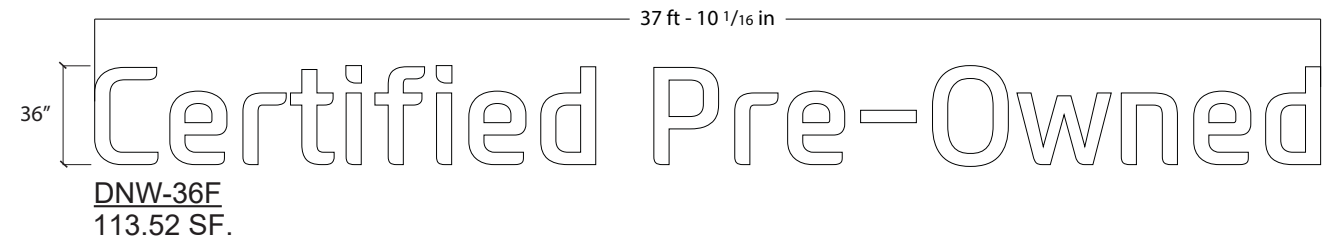
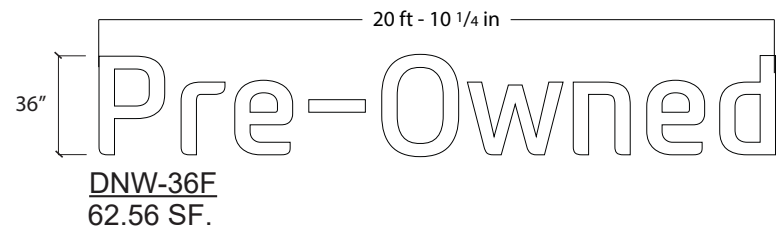
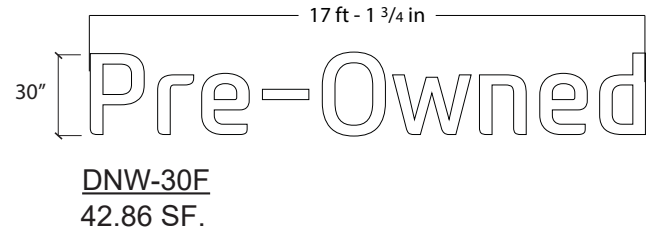
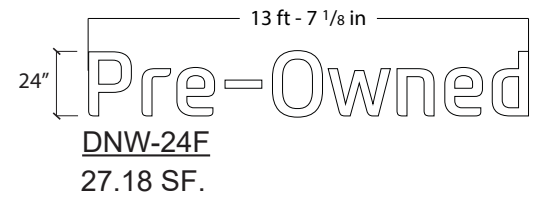
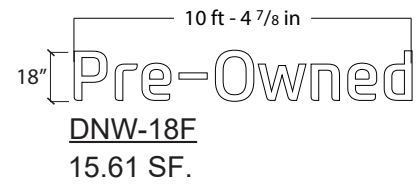
5' - 11 1/4"  
 2'-0" **Parts**  
**DNW-24F**  
 11.87 SF.

7' - 6 1/2"  
 2'-6" **Parts**  
**DNW-30F**  
 18.85 SF.

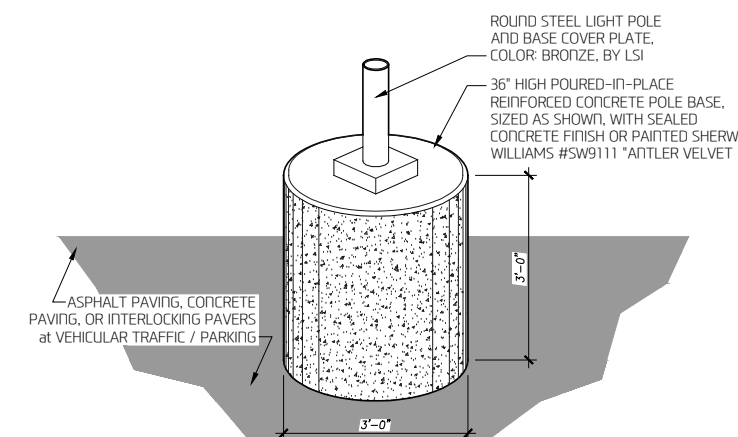
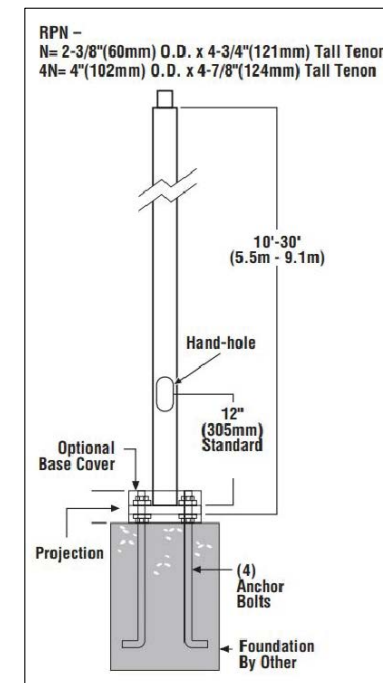
8' - 11 13/16"  
 3'-0" **Parts**  
**DNW-36F**  
 26.95 SF.

12'-0 3/8"  
 4'-0" **Parts**  
**DNW-48F**  
 48.12 SF.

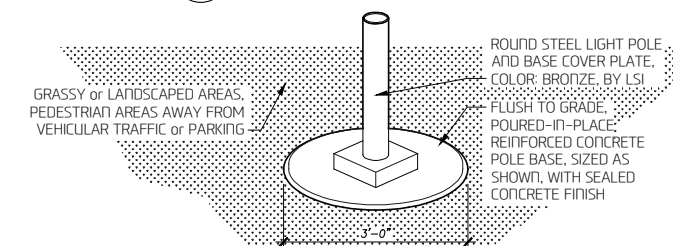








10.2 RAISED CONCRETE LIGHT POLE BASE  
Scale: 3/4"=1'-0"



10.2 FLUSH-TO-GRADE CONCRETE LIGHT POLE BASE  
Scale: 3/4"=1'-0"

Calculation Summary							
Location	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
CALTS R-4 AFG- 10' X 10'	Suppression	Fc	7.43	67.1	0.0	NA	NA
TRIN' LINE TYPICAL	Suppression	Fc	47.95	67.1	32.5	1.46	2.06
PERIMTER RDW	Suppression	Fc	9.36	20.4	0.5	18.72	40.80
RCAR LDI	Suppression	Fc	7.37	20.1	0.5	14.74	40.20
SECONDARY SALES INTERIOR	Suppression	Fc	17.63	27.8	9.6	1.84	2.90
SIDE INTERIOR	Suppression	Fc	14.27	29.7	3.4	4.20	8.74

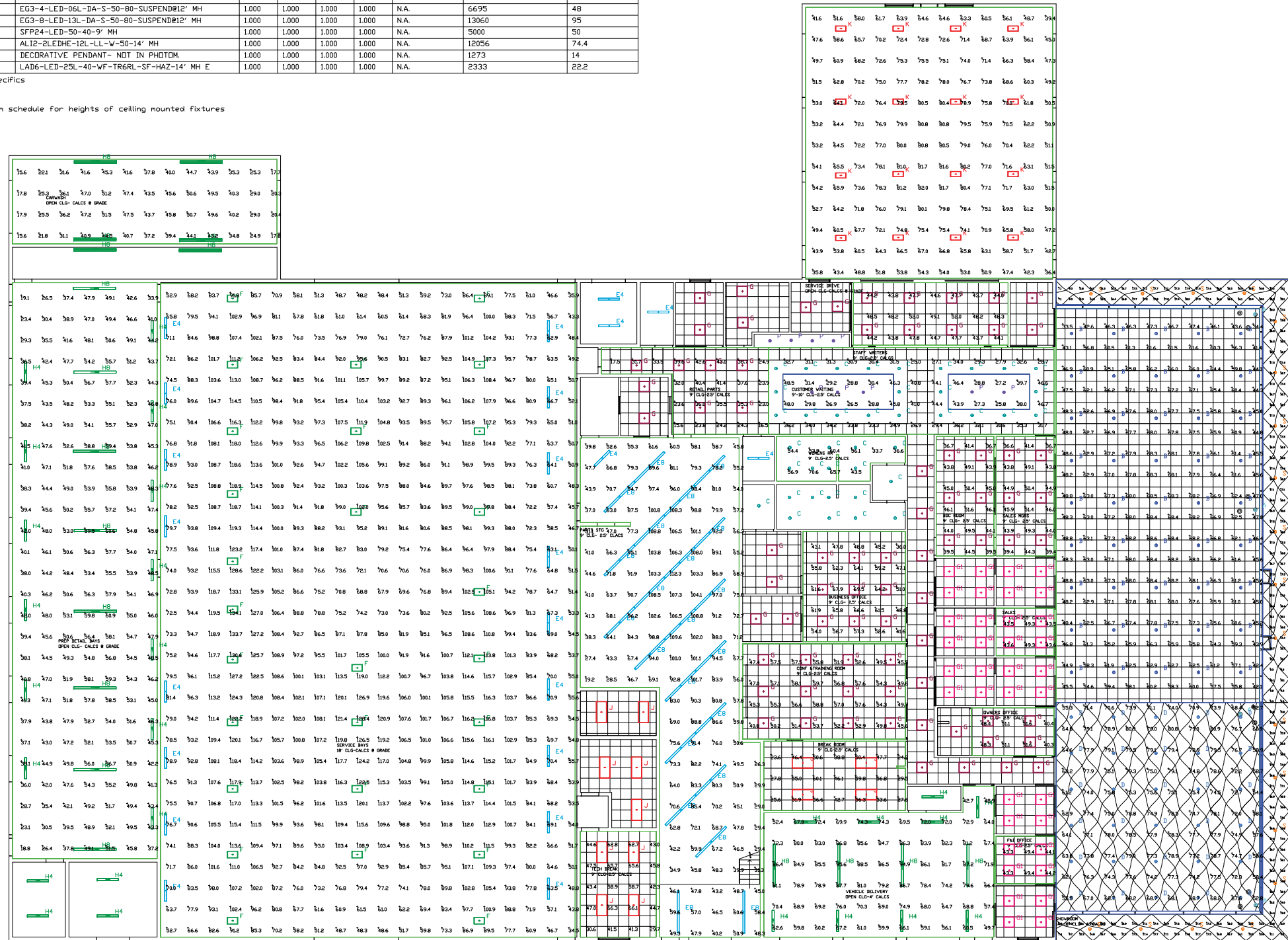
Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	LLF	Lumens/Lamp	Arr. Lum. Lumens	Ann. Watts	
■	8	A	DIR*	MRM-LED-36L-SIL-FTA-9C-70CRI-S181-10-FTA-LXIFTA-R-24' MH	1000	NA	64964	494	
■	31	B	DIR*	MRM-LED-36L-SIL-5W-50-70CRI-1181-14-MH	1000	NA	75570	634	
■	17	D	SINGLE	MRM-LED-36L-SIL-FT-50-70CRI-SINGLE-24' MH	1000	NA	39577	317	
○	4	E	SINGLE	XIG-LED-19-350-WW-UE-FL40-SPI0 NA SST	1000	NA	1347	22	
○	10	V	SINGLE	XWM-FT-LED-12L-50-15' MH	1000	NA	11838	102.2	



Symbol	Qty	Label	Arrangement	Description	LLD	LDD	BF	LLF	Lumens/Lamp	Arr. Lum. Lumens	Arr. Watts
○	4	A	SINGLE	XIG-LED-19-350-WW-UE-SP10-NA-SST-INGROUND	1.000	1.000	1.000	1.000	N.A.	1489	22
○	45	B	SINGLE	LAD6-LED-41L-40-WF-TR6R-SF-HAZ-18' MH	1.000	1.000	1.000	1.000	N.A.	3849	42.3
○	40	C	SINGLE	LAD6-LED-14L-40-WF-TR6R-SF-HAZ-9' MH	1.000	1.000	1.000	1.000	N.A.	1337	14
○	30	D	SINGLE	LAD6-LED-41L-40-WF-TR6R-SF-HAZ-BLK-14' M	1.000	1.000	1.000	1.000	N.A.	3849	42.3
○	22	E4	SINGLE	SDL4-LED-40L-FL-50-9' MH	1.000	1.000	1.000	1.000	N.A.	4293	30.1
○	22	E8	SINGLE	SDL8-LED-80L-FL-50-9' MH	1.000	1.000	1.000	1.000	N.A.	8664	60.6
○	28	F	SINGLE	AL12-2LEDSE-30L-LL-W-50-14' MH	1.000	1.000	1.000	1.000	N.A.	29913	204.3
○	77	G	SINGLE	SL122-LED-HD-NW-UE-9' MH	1.000	1.000	1.000	1.000	N.A.	3083	34.6
○	36	G1	SINGLE	SL122-LED-SS-NW-UE-9' MH	1.000	1.000	1.000	1.000	N.A.	2408	29
○	26	H4	SINGLE	EG3-4-LED-06L-DA-S-50-80-SUSPEND#12' MH	1.000	1.000	1.000	1.000	N.A.	6695	48
○	18	HB	SINGLE	EG3-8-LED-13L-DA-S-50-80-SUSPEND#12' MH	1.000	1.000	1.000	1.000	N.A.	13060	95
○	13	J	SINGLE	SFP24-LED-50-40-9' MH	1.000	1.000	1.000	1.000	N.A.	5000	50
○	16	K	SINGLE	AL12-2LEDHE-12L-LL-W-50-14' MH	1.000	1.000	1.000	1.000	N.A.	12056	74.4
○	9	P	SINGLE	DECORATIVE PENDANT- NOT IN PHOTOM.	1.000	1.000	1.000	1.000	N.A.	1273	14
○	19	S	SINGLE	LAD6-LED-25L-40-WF-TR6R-SF-HAZ-14' MH E	1.000	1.000	1.000	1.000	N.A.	2333	22.2

Footcandle levels vary. See GRID Z on Calculation summary for specifics  
 Reflectances: Ceiling-80%, Walls-50%, Floor-20%,  
 Room Hght: VARIES- See Room Schedule  
 Fixture MtgHt: VARIES- See Luminaire schedule or consult the room schedule for heights of ceiling mounted fixtures

## LIGHTING SCHEDULE



PHOTOMETRIC - REFLECTED CEILING DIAGRAM



# HYUNDAI

LIGHTING  
Interior Lighting

# 9.3

09/30/2020

**INTERIOR**

Type	Picture	Mounting	Location	Color	Catalog Number	Wattage	Lumens	Color Temperature	Notes
A		Inground	Showroom	Brass	XIG B LED 19 350 WW UE SP10 NA SST	22	1445	3500K	
B		Recessed	Showroom	White	LAD6 LED 41L UNV DIM1 40 WF TR6R SF HAZ C27	42	3849	4000K	
C		Recessed	Customer Lounge Bathrooms	White	LAD6 LED 14L UNV DIM1 40 WF TR6R SF HAZ WH C27	14	1337	4000K	
D		Recessed	Showroom	Black	LAD6 LED 41L UNV DIM1 40 WF TR6R HAZ BL C27	42	3849	4000K	
E4		Suspended	Electrical Room Parts Closets	White	SDL4 LED 50L FL UNV DIM1 50 80CRI	31	4292	5000K	
E8		Suspended	Parts	White	SDL8 LED 100L FL UNV DIM1 50 80CRI	52	7530	5000K	
F		Suspended	Service Area	White	ALI2 LEDSE 30L LL W UNV DIM 50 HCH10	203	28908	5000K	
G		Recessed	Hallways Offices	White	SLI22 LED HO NW UE	36	3083	4000K	
G1		Recessed	Offices	White	SLI22 LED SS NW UE	29	2408	4000K	
H4		Suspended	Vehicle Delivery Detail	White	EG3 4 LED 06L DA 50 UNV TCH10	60	7360	5000K	Suspended 12'
H8		Suspended	Vehicle Delivery Detail Carwash	White	EG3 8 LED 13L DA 50 UNV TCH10	118	14293	5000K	Suspended 12'
J		Recessed	Breakrooms	White	GA24 LED SS NW UE P12	45	5160	4000K	
K		Suspended	Service Reception	White	ALI2 LEDHE 12L LL W UNV DIM 50 HCH10	84	12789	5000K	
P		Suspended Stem Mount	Customer Lounge		124W TF BIAX UNIV PMK36 .125FR GLS UE 841				
S		Recessed	Exterior Entry	Black	LAD6 LED 25L UNV DIM1 40 WF TR6RL HAZ BL C27	22	2011	4000K	

**EXTERIOR**

Type	Picture	Mounting	Location	Color	Description	Watt	Lumens	Color Temperature	Notes
A		Pole D180	Front Row	Bronze	MRM LED * SIL FTA L/R * DIM 50 70 BRZ	53-390	4068-45460	5000K	24' MH Steel Round Pole
B		Pole D180	Sales Lot	Bronze	MRM LED * SIL 5W * DIM 50 70 BRZ	53-390	4068-45460	5000K	24' MH Steel Round Pole
D		Pole Single	Perimeter	Bronze	MRM LED * SIL FT * DIM 50 70 BRZ	53-390	4068-45460	5000K	24' MH Steel Round Pole
E		Inground	Display Pad Exit	MSV	XIG B LED 19 350 CW UE FL40 MSV	22	2066	5000K	
W		Wall Mount	Exterior	Bronze	XWM FT LED 08 50 * BRZ	29-82	3410-8610	5000K	
ALT		Pole D180	Front Row	Bronze	MRL LED * SIL FTA L/R * DIM 50 70CRI BRZ	293-592	40818-70972	5000K	24' MH Steel Round Pole
ALT		Pole D180	Sales Lot	Bronze	MRL LED * SIL 5W * DIM 50 70CRI CRZ	293-592	40818-70972	5000K	24' MH Steel Round Pole
ALT		Pole Single	Perimeter	Bronze	MRL LED * SIL FT * DIM 50 70CRI BRZ	293-592	40818-70972	5000K	24' MH Steel Round Pole
ALT		Pole D180	Front Row	Bronze	MPH LED * SIL FTA * DIM 50 70CRI BRZ	294-649	22830-68688	5000K	24' MH Steel Round Pole
ALT		Pole D180	Sales Lot	Bronze	MPH LED * SIL 5W * DIM 50 70CRI BRZ	294-649	22830-68688	5000K	24' MH Steel Round Pole
ALT		Pole Single	Perimeter	Bronze	MPH LED * SIL FT * DIM 50 70CRI BRZ	294-649	22830-68688	5000K	24' MH Steel Round Pole



### LED INGROUND LIGHT (XIG)



**DOE LIGHTING FACTS**  
Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit [www.lightingfacts.com](http://www.lightingfacts.com) for specific catalog strings.

LIGHT OUTPUT - XIG					
Watts	# of LEDs	SP10	Lumens (Nominal)		
			NFL25	FL40	FL40
350 mA	19	2159	2076	2066	
Warm White					
350 mA	19	1445	1485	1347	
Warm White					

LED Chips are frequently updated therefore values may increase.

US patent 8,152,334 and US & Int'l. patents pending

**EXPECTED LIFE** - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

**LEDS** - Select high-brightness LEDs in Cool White (5000K) or Warm White (3500K) color temperature. 68CRI

**DRIVER CURRENT** - Available in 350mA

**OPTICS / AIMING** - Available with 10°, spot, 25° or 40° flood horizontal beam angle distributions. Optics can be tilted +/- 15° from vertical via external aiming screw, with tamper-resistant spanner tool. Adjustment tool provided.

**HOUSING** - Composite rough-in housing never corrodes; field-proven to last for more than 20 years without maintenance. Luminaire housing is 85% copper alloy for wet locations or aluminum for damp/dry locations. CNC precision machined to insure proper sealing.

**DRIVER OVER CAPABILITY** - 4,000 lbs. vehicle weight.

**OPTICAL UNIT** - 15mm low-iron tempered glass lens does not change color of light emitted. 19mm thick lens supplied with stainless steel trim option to retain flush surface. Sealed optical chamber is aimable from outside the unit to ensure integrity of the seal. No heat in the LED light beam means a cool lens - no risk of burns to bare feet. Optional slip resistant lens available, to enhance public safety.

**INSTALLATION** - Rough-in housing can be shipped ahead for pre-casting in concrete. Luminaire connects to field wiring via IP-68 rated connector.

**ELECTRICAL** - Universal frequency input (120-277V, 50/60 Hz). Surge protection meets ANSI C82.41.2, Scenario 1, Location Category C-low standards (6,000; 3,000A)

**DRIVER** - State-of-the-art driver technology specifically designed for LSI LED fixtures provides unsurpassed system efficiency.

**OPERATING TEMPERATURE** - -40°C to +50°C (-40°F to +122°F)

**FINISH** - Clear-anodized natural aluminum finish or LSI's DuraGrip® polyester powder coat finishes available. DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for a full five years. Standard colors include black, white, bronze, metallic silver, graphite and satin verde green. Natural brass matte blast finished.

**TRIM** - Optional 11" diameter x .18" thick stainless steel decorative trim has radial polish finish.

**WARRANTY** - LSI LED fixtures carry a limited 5 year warranty.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**SHIPPING WEIGHT** - XIGB - 28 lbs., XIGA - 14 lbs.

**LISTING** - Listed to U.S. and Canadian safety standards. Suitable for wet locations.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



Fixture Label = A

Catalog #: \_\_\_\_\_ Project: \_\_\_\_\_  
Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_



### LAD6 6" LED Architectural Downlight

6 inch LED new construction downlight delivers superior performance and energy efficiency. Designed to use anodized aluminum reflectors delivering even illumination and low glare. The high performance luminaire offers 1000 up to 4000 lumens with color temperatures of 2700K, 3000K, 3500K, 4000K at 80 CRI. Standard driver offers universal (120-277V) and 0-10V dimming down to 1%. The LAD series is ideal for low to medium ceiling heights for retail, hospitality and commercial applications.

#### Origin™ Features & Specifications

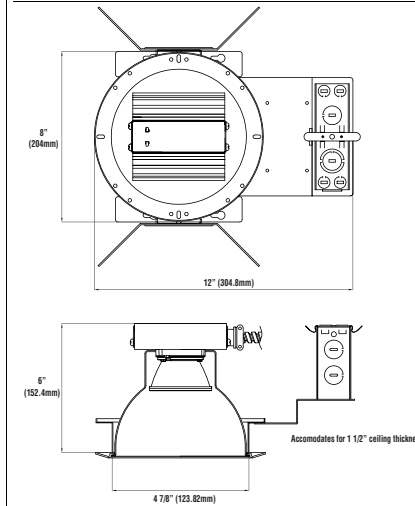
##### Optical System

- LED source provides superior lumen output with maximum visual comfort.
- Tailored spot, narrow flood, flood and wide flood beam optics designed for glare free illumination.
- Choice of flanged or flangeless spun reflector utilizing heavy gauge highly reflective diffuse anodized aluminum to deliver low glare, even illumination of the space.
- Reflectors are retained with three retention clips holding the flange tight to the finished ceiling surface.
- Available in 4000K, 3500K, 3000K, and 2700K color temperatures per ANSI C78.377.
- Minimum CRI of 80.

##### Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (1% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz.
- L70 Calculated Life: > 50k Hours projected @ 25°C per IESNA TM-21-11.
- Total harmonic distortion: <20%
- Power factor: >.90
- Input power stays constant over life.
- Compatible with Triac (forward-phase or leading-edge), ELV (reverse-phase or trailing edge) dimming only at 120 Vac.
- Driver can be accessed from below plenum for servicing.
- High-efficacy LEDs with integrated circuit board mount directly to an extruded aluminum heatsink to maximize heat dissipation and promote long life.
- Remote Emergency Battery (120-277V) field installed is available to meet critical life safety lighting requirements. The 90-minute battery provides

#### Dimensions



Fixture Label = B

Catalog #: \_\_\_\_\_ Project: \_\_\_\_\_  
Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_



### LAD6 6" LED Architectural Downlight

6 inch LED new construction downlight delivers superior performance and energy efficiency. Designed to use anodized aluminum reflectors delivering even illumination and low glare. The high performance luminaire offers 1000 up to 4000 lumens with color temperatures of 2700K, 3000K, 3500K, 4000K at 80 CRI. Standard driver offers universal (120-277V) and 0-10V dimming down to 1%. The LAD series is ideal for low to medium ceiling heights for retail, hospitality and commercial applications.

#### Origin™ Features & Specifications

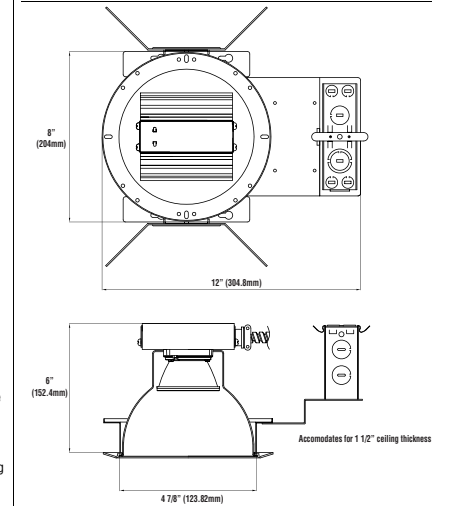
##### Optical System

- LED source provides superior lumen output with maximum visual comfort.
- Tailored spot, narrow flood, flood and wide flood beam optics designed for glare free illumination.
- Choice of flanged or flangeless spun reflector utilizing heavy gauge highly reflective diffuse anodized aluminum to deliver low glare, even illumination of the space.
- Reflectors are retained with three retention clips holding the flange tight to the finished ceiling surface.
- Available in 4000K, 3500K, 3000K, and 2700K color temperatures per ANSI C78.377.
- Minimum CRI of 80.

##### Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (1% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz.
- L70 Calculated Life: > 50k Hours projected @ 25°C per IESNA TM-21-11.
- Total harmonic distortion: <20%
- Power factor: >.90
- Input power stays constant over life.
- Compatible with Triac (forward-phase or leading-edge), ELV (reverse-phase or trailing edge) dimming only at 120 Vac.
- Driver can be accessed from below plenum for servicing.
- High-efficacy LEDs with integrated circuit board mount directly to an extruded aluminum heatsink to maximize heat dissipation and promote long life.
- Remote Emergency Battery (120-277V) field installed is available to meet critical life safety lighting requirements. The 90-minute battery provides

#### Dimensions



Fixture Label = C



Catalog # : Project :  
Prepared By : Date :



### LAD6 6" LED Architectural Downlight



6 inch LED new construction downlight delivers superior performance and energy efficiency. Designed to use anodized aluminum reflectors delivering even illumination and low glare. The high performance luminaire offers 1000 up to 4000 lumens with color temperatures of 2700K, 3000K, 3500K, 4000K at 80 CRI. Standard driver offers universal (120-277V) and 0-10V dimming down to 1%. The LAD series is ideal for low to medium ceiling heights for retail, hospitality and commercial applications.

#### Origin™ Features & Specifications

##### Optical System

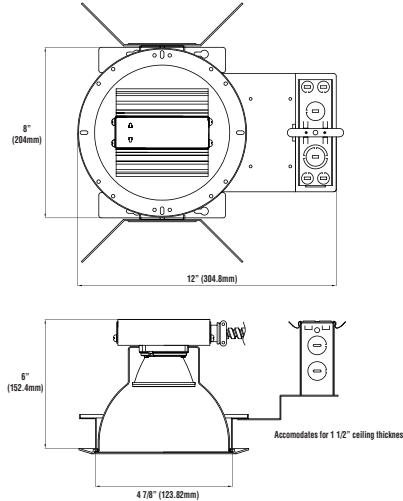
- LED source provides superior lumen output with maximum visual comfort.
- Tailored spot, narrow flood, flood and wide flood beam optics designed for glare free illumination.
- Choice of flanged or flangeless spun reflector utilizing heavy gauge highly reflective diffuse anodized aluminum to deliver low glare, even illumination of the space.
- Reflectors are retained with three retention clips holding the flange tight to the finished ceiling surface.
- Available in 4000K, 3500K, 3000K, and 2700K color temperatures per ANSI C78.377.
- Minimum CRI of 80.

##### Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (1% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz.
- L70 Calculated Life: > 50k Hours projected @ 25°C per IESNA TM-21-11.
- Total harmonic distortion: <20%
- Power factor: > .90
- Input power stays constant over life.
- Compatible with Triac (forward-phase or leading-edge), ELV (reverse-phase or trailing edge) dimming only at 120 Vac.
- Driver can be accessed from below plenum for servicing.
- High-efficacy LEDs with integrated circuit board mount directly to an extruded aluminum heatsink to maximize heat dissipation and promote long life.
- Remote Emergency Battery (120-277V) field installed is available to meet critical life safety lighting requirements. The 90-minute battery provides



#### Dimensions



Fixture Label = D

Catalog # : Project :  
Prepared By : Date :



### SDL8' LED Strip Diffused Lens



The sleek architectural SDL is designed with toolless entry features saving time and money on installation. Optimizing industry leading LED technology, the SDL series delivers unparalleled performance and efficiency meeting stringent energy requirements. The frosted lens delivers high vertical illumination offering 3000K, 3500K, 4000K and 5000K color temperatures. Innovative programmable drivers offer expansive lumen packages and comes standard with 0-10V dimming down to 1%. Designed with uncompromised aesthetics, the high-performance luminaire is well suited for commercial, industrial, retail and residential applications.

#### Features & Specifications

##### Optical System

- High transmission custom extruded frosted acrylic radius lens eliminates bright spots from individual LED's and provides high vertical illumination and visual comfort.
- Use of closely spaced medium-power, high brightness chips minimizes pixilation and provides uniform lens luminance.
- Available in 5000K, 4000K, 3500K, and 3000K color temperatures per ANSI C78.377. Consult factory for other color temperature requirements.
- Minimum CRI of 80.

##### Electrical

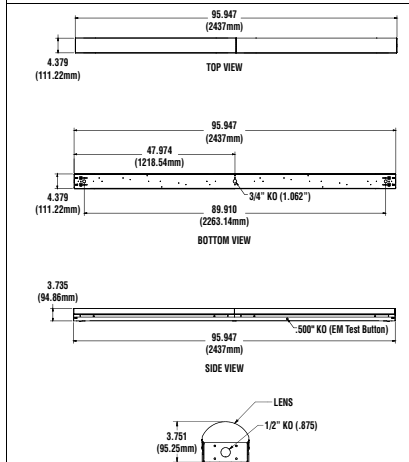
- Class 2 high-performance programmable driver features short circuit, open circuit protection for LED + and LED - and temperature foldback. Driver complies with FCC standards.
- 0-10 volt dimming (1% - 100%) standard.
- Standard Universal voltage (120-277 Vac) Input 50/60 Hz. Optional high Voltage 347 Vac Input available, consult factory for lead time and DLC qualification information. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.
- L70 Calculated Life: >60k Hours @ 25°C per IESNA TM-21-11. (See Lumen Maintenance on Page 2)
- Total harmonic distortion: <20%
- Power factor: > .90
- Input power stays constant over life.
- Optional (120-277V) integral 10 watt battery backup is available. The 90-minute batteries provide constant power to the LED system. The fixture delivers 1300 lumens during emergency mode. A test switch/indicator button is installed in the housing for ease of maintenance.

##### Controls

- Optional Bolt-on integral passive infrared motion and/or daylight sensor activates switching of luminaire light levels (see page 5 for more details).



#### Dimensions



Fixture Label = E4, E8

Catalog # : Project :  
Prepared By : Date :



### Alliance - LED Linear High Bay



The new Alliance™ indoor LED high bay is designed to provide flexibility on any project. For use with applications ranging from school gymnasiums to industrial facilities, a variety of distribution patterns & lenses, and flexible control options.

#### Features & Specifications

##### Optical System

- Choice of 2 high performance distributions: Wide (W) Available with Less Lens (LL), Clear Acrylic (CA) and Diffuse Acrylic (DA) lens option, or Narrow / Aisle (N). Narrow / Aisle distribution is available with Less Lens (LL) only.
- Optional high transmission impact resistant lenses available in Clear Acrylic (CA) and Diffuse Acrylic (DA)
- Less Lens (LL) option available for high efficiency applications.
- Available in 4000K, 5000K color temperatures.
- Minimum CRI of 80.

##### Electrical

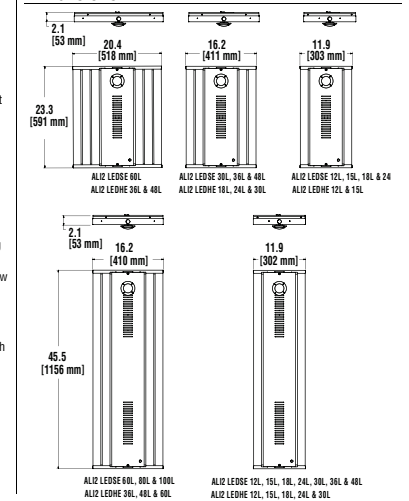
- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (5% - 100%) standard.
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 4)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +55°C (-40°F to +131°F), 30°C (86°F) when equipped with EM option. (See Ambient Ratings Table)
- Optional 120v-277v integral emergency battery pack is available. The 90-minute batteries provide constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- Power factor: > .95

##### Construction

- Rigid extruded aluminum optical housing for consistency and strength with vertical fins that serve as a heat sink.
- 22 gauge die formed steel driver housing and access panel.
- Access panel provides hinged access to wiring and driver connections
- All metal parts are painted after fabrication following treatment with phosphate rust inhibitor. Finish coating of housing reflecting surfaces is with high reflectance white (minimum 92%) polyester powder
- The Alliance makes it possible to meet ESRF fire suppression system requirements due to the fixtures maintaining less than 12" width
- Shipping weight: See charts on page 2.



#### Dimensions



Fixture Label = F

LSI Industries Inc. 10000 Alliance Rd Cincinnati, OH 45242 • www.lsi-industries.com • (513) 372-3200 • © LSI Industries Inc. All Rights Reserved.



## LED SIDE LIGHT RECESSED TROFFER (SLI)



### PRODUCT HIGHLIGHTS

- Long life, high brightness LEDs virtually eliminate maintenance.
- RoHS compliant, recyclable "green" design contains no mercury or other hazardous materials.
- Cooler running electronic components allow for improved lumen performance.
- Indirect unit with balanced illumination from sides of fixture and superior, low angle brightness control.
- Available with AirLink™ wireless controls for maximum energy savings.

**EXPECTED LIFE** - Projected life of at least 60,000 hours. Contact factory for TM-21 detail.

**LEDs** - Use of closely spaced medium-power, high brightness chips minimizes pixelation and provides uniform luminance. Available in Cool White (5000K), Neutral White (4000K) and Warm White (3500K) color temperatures. CRI >= 80. LM-80 reports available.

**HOUSING** - Formed code-gauge steel housing, painted after fabrication. Integral NEC-compliant earthquake clips are standard.

**FINISH** - All metal parts are painted after fabrication following treatment with phosphate rust inhibitor. Finish coating of housing reflecting surfaces is with high-reflectance (minimum 92%) matte white polyester powder.

**INSTALLATION** - Unit simply lifts through grid ceiling and rests on T-bars. Wiring access/strain relief plate attaches with one screw, allowing connections to be made from below the ceiling.

**ELECTRICAL** - Universal voltage (120-277 Vac) Input 50/60 Hz. Power factor > 0.95, THD < 20%.

**DRIVER** - High-performance isolated driver features over-voltage, under-voltage, short-circuit and over temperature protection. Class A sound rating. 0-10 volt dimming (1% - 100%) standard.

**AirLink™** - LSI AirLink™ controls featuring Lutron® Clear Connect™ makes each luminaire controllable, creating a wireless communication with other AirLink™ control devices such as dimmers, switches, occupancy sensors and photocontrols. The integrated sensor is both a passive infrared motion detector and photocell. The photocell provides a simple out-of-the-box daylight harvesting solution. The motion detector uses exclusive Lutron XCT™ technology which provides fine motion detection and 360° sensor field-of-range.

**OPERATING TEMPERATURE** - -40°C - +40°C (-40°F - +104°F)

**WARRANTY** - Limited 5-year warranty.

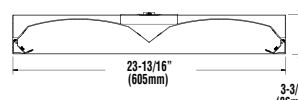
**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**LISTING** - Listed to UL 1598 and UL 8750. Suitable For Damp Locations. IC Rated.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



### DIMENSIONS



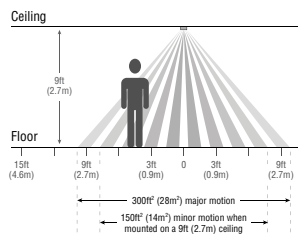
### END VIEW

2 x 2 Length = 23-13/16" (605mm)  
2 x 4 Length = 47-13/16" (1214mm)

Light Output - SLI	SS - Super Saver			HO - High Output			Watts	
	WW	NW	CW	WW	NW	CW	SS	HO
SLI22 (2x2)	2569	2408	2991	2973	3083	3517	29	36
SLI24 (2x4)	4004	4184	4797	5035	5269	6012	45	59

LED Chips are frequently updated therefore values may increase.

### AirLink™ ALOS AND ALVS COVERAGE PATTERN



Fixture Label = G

Catalog # :

Project :

Prepared By :

Date :



## EG3 4 4FT Wet Location LED



The EG3 fixture provides excellent lighting in heavy-duty, high-impact, reinforced fiberglass housing. With its vaportight design, it is ideal for utility, backroom, and cooler applications. Offered with high-impact acrylic lens and symmetrical distribution for outstanding light delivery.

### Features & Specifications

#### Electrical

- Projected life of at least 200,000 hours. Contact factory for TM-21 detail.
- Standard Universal voltage (120-277 Vac) input, 50/60Hz. Power factor > 0.9, THD < 20%, in-rush current < 15 Amps or optional High Voltage (347-480 Vac)
- High-performance isolated driver features over-voltage, over-current and short circuit (with auto-recovery) protection. Driver module is sealed to IP65, IP66 and IP67 protection levels, with a Class A sound rating. 0-10 volt dimming standard.
- Operating Temperature: -40°C to 40°C (-40°F to 104°F)

#### Construction

- The inner gear tray is constructed of code gauge steel. The outer housing is constructed of fiberglass reinforced fiberglass. Gasketing in the housing is constructed of closed cell polyurethane. Conduit entrance is provided at both ends. All external hardware and hanging components are constructed of stainless steel.
- Finish coating of housing reflecting surfaces is with high-reflectance (minimum 92%) polyester powder.
- IP65 Certified / IP66 Certified / IP67 Certified (comparable to NEMA 6)
- NEMA 4X rated
- High pressure hose down (1500psi)
- Lens secured to housing with polycarbonate latches: 8 on the 4' housings. Optional stainless steel latches are securely spring clipped to the housing, eliminating latch fall off during servicing.
- Gear tray snaps in for easy driver access. Tray is retained by a safety tether attached to inside of housing.
- (2) Stainless steel mounting brackets are furnished with each fixture, and can be mounted to surface where required.

#### Installation

- Optional stainless steel V bracket or SB surface bracket accessory.
- For surface-mount and suspension-mount applications, accessories are to be ordered separately. See Accessories section.

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08/14/19

Fixture Label = H4, H8

## LED HIGH EFFICIENCY LENSED - P12 - STATIC (GA24, GA22, GA14)



### PRODUCT HIGHLIGHTS

- Long life, high brightness LEDs virtually eliminate maintenance.
- Cam action latches and die formed T-hinges for door insertion from either side.
- Die-formed flat steel door with mitered loK corners for clean appearance
- 3 1/4" deep housing

**EXPECTED LIFE** - Projected life of at least 60,000 hours. Contact factory for TM-21 detail.

**LEDs** - Use of closely-spaced medium-power, high-brightness chips minimizes pixelation and provides uniform lens luminance. Available in Cool White (5000K), Neutral White (4000K) and Warm White (3500K) color temperatures. CRI >= 80 (CW > 70). LM-80 reports available.

**CONSTRUCTION** - Housing constructed of structurally embossed, heavy gauge, cold rolled steel. Wireway cover snap in for easy attachment and removal. Access plate provides top access to wireway. Integral EQ grid clips included.

**LENS** - 0.095 Pattern 12 lens is standard. Pattern 12 .125 (nominal .125 thickness) available. Lens option must be specified in catalog string.

**ELECTRICAL** - Universal voltage (120-277 Vac) input, 50/60 Hz. Power factor > 0.9, THD < 20%, in-rush current < 15 Amps.

**FINISH** - All reflective surfaces are finished with a high reflectance lighting fixture white polyester powder.

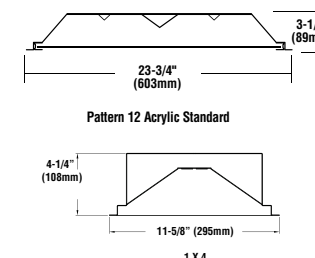
**DRIVER** - High-performance isolated driver features over-voltage, over-current and short circuit (with auto-recovery) protection. Driver module is sealed to IP66 protection levels, with a Class A sound rating. 0-10V dimming standard.

**WARRANTY** - Limited 5-year warranty.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**LISTING** - Listed to UL1598 and UL 8750. Suitable for damp locations. IC rated. For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at [www.designlights.org](http://www.designlights.org).

### DIMENSIONS



This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



### LIGHT OUTPUT - LED GA P12

Light Output - LED GA P12	2 x 4			2 x 2			1 x 4		
	Lumens	Watts	LPW	Lumens	Watts	LPW	Lumens	Watts	LPW
Neutral White SS	5160	45	114	3027	29	104	3215	29	111
HO	8250	57	109	3490	35	100	3706	34	109
Warm White VHO	9595	88	109	4825	44	109	5070	44	115

LED Chips are frequently updated therefore values may increase.

### LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **GA24 LED SS NW UE P12 FC1**

Prefix	Light Source	Drive Current	Color Temperature	Input Voltage	Options
GA24 - (2x4) GA22 - (2x2) GA14 - (1x4)	LED	SS - Super Saver HO - High Output VHO - Very High Output	CW - Cool White (5000K) NW - Neutral White (4000K) WW - Warm White (3500K)	UE - Universal Input Voltage (120-277V) 347 - 347V	FC1 - 5/8" flex, 3 #18 leads (other types available) JP - Job packed without cartons EM - Emergency Pack P12 - Pattern 12 Acrylic Nominal .095 Thickness P12 .125 - Pattern 12 Acrylic Nominal .125 Thickness SD50 - Step Dimming to 50% RA - Regressed Aluminum Door Frame FA - Flat Aluminum Door Frame LED5 - Lutron 5-Series LDE1 - Lutron Hi-lume 1% with Soft-On, Fade-to-Black L3D - Lutron Hi-lume 1%

ACCESSORY ORDERING INFORMATION (Accessories are field installed)	
Description	Order Number
Flange Kit - 2x4	FK24
Flange Kit - 2x2	FK22

Lutron is a registered trademark of Lutron Electronics Co., Inc.

Fixture Label = J



LIGHTING  
Fixture Specifications - Interior

9.7

09/30/2020

Catalog #: Project:  
Prepared By: Date:



### Alliance - LED Linear High Bay

The new Alliance™ indoor LED high bay is designed to provide flexibility on any project. For use with applications ranging from school gymnasiums to industrial facilities, a variety of distribution patterns & lenses, and flexible control options.

#### Features & Specifications

##### Optical System

- Choice of 2 high performance distributions: Wide (W) Available with Less Lens (LL), Clear Acrylic (CA) and Diffuse Acrylic (DA) lens option, or Narrow / Aisle (N), Narrow / Aisle distribution is available with Less lens (LL) only.
- Optional high transmission impact resistant lenses available in Clear Acrylic (CA) and Diffuse Acrylic (DA)
- Less Lens (LL) option available for high efficiency applications.
- Available in 4000K, 5000K color temperatures.
- Minimum CRI of 80.

##### Electrical

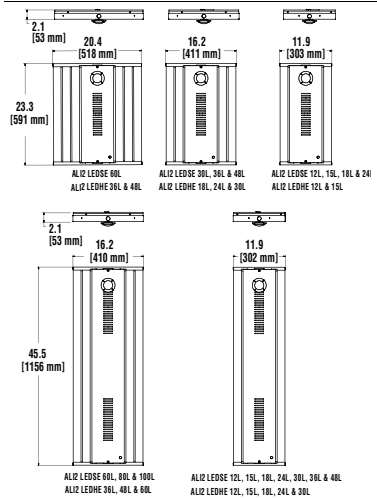
- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (5% - 100%) standard.
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 4)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +55°C (-40°F to +131°F), 30°C (86°F) when equipped with EM option. (See Ambient Ratings Table)
- Optional 120v-277v integral emergency battery pack is available. The 90-minute batteries provide constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- Power factor: >.95

##### Construction

- Rigid extruded aluminum optical housing for consistency and strength with vertical fins that serve as a heat sink.
- 22 gauge die formed steel driver housing and access panel.
- Access panel provides hinged access to wiring and driver connections
- All metal parts are painted after fabrication following treatment with phosphate rust inhibitor. Finish coating of housing reflecting surfaces is with high reflectance white (minimum 92%) polyester powder
- The Alliance makes it possible to meet ESFR fire suppression system requirements due to the fixtures maintaining less than 12" width
- Shipping weight: See charts on page 2.



#### Dimensions



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Fixture Label = K

Catalog #: 124W T5 BIAX UNIV PMK36 125FR GLS UE Project:  
Prepared By: Date:



### L4 Decorative Pendant Fixture

Decorative Pendant enhances interior space from offices to a customer lounge. Its attractive hand blown glass housing will create an upscale look in dozens of applications.

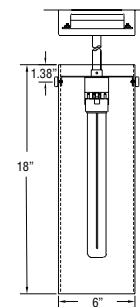


#### Features & Specifications

- Electrical**
  - Lamp 24w Biax supplied by LSI
  - Socket is 2G11 Base with lamp locking feature
  - Ballast is electronic type UE (120v thru 277v)
- Construction**
  - Hand blown glass frosted on inside and outside
- Installation**
  - Pendant – 3/8 NPS Stem Kit 36" long



#### Product Dimensions



Fixture Label = P

Catalog #: Project:  
Prepared By: Date:



### LAD6 6" LED Architectural Downlight

6 inch LED new construction downlight delivers superior performance and energy efficiency. Designed to use anodized aluminum reflectors delivering even illumination and low glare. The high performance luminaire offers 1000 up to 4000 lumens with color temperatures of 2700K, 3000K, 3500K, 4000K at 80 CRI. Standard driver offers universal (120-277V) and 0-10V dimming down to 1%. The LAD series is ideal for low to medium ceiling heights for retail, hospitality and commercial applications.



#### origin™ Features & Specifications

##### Optical System

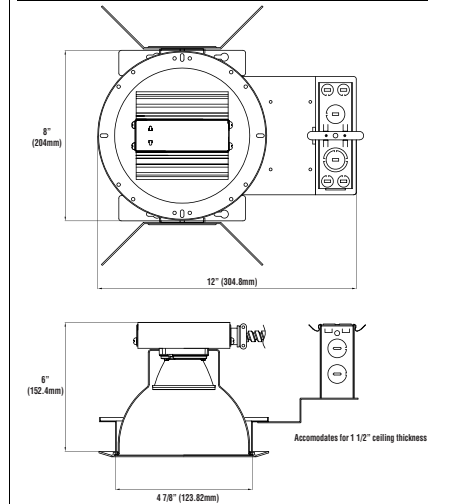
- LED source provides superior lumen output with maximum visual comfort.
- Tailored spot, narrow flood, flood and wide flood beam optics designed for glare free illumination.
- Choice of flanged or flangeless spun reflector utilizing heavy gauge highly reflective diffuse anodized aluminum to deliver low glare, even illumination of the space.
- Reflectors are retained with three retention clips holding the flange tight to the finished ceiling surface.
- Available in 4000K, 3500K, 3000K, and 2700K color temperatures per ANSI C78.377.
- Minimum CRI of 80.

##### Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (1% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz.
- L70 Calculated Life: > 50k Hours projected @ 25°C per IESNA TM-21-11.
- Total harmonic distortion: <20%
- Power factor: >.90
- Input power stays constant over life.
- Compatible with Triac (forward-phase or leading-edge), ELV (reverse-phase or trailing edge) dimming only at 120 Vac.
- Driver can be accessed from below plenum for servicing.
- High-efficacy LEDs with integrated circuit board mount directly to an extruded aluminum heatsink to maximize heat dissipation and promote long life.
- Remote Emergency Battery (120-277V) field installed is available to meet critical life safety lighting requirements. The 90-minute battery provides



#### Dimensions



Fixture Label = S



Catalog # : Project :  
Prepared By : Date :



## Mirada Medium - MRM Outdoor LED Area Light

The Mirada's sleek design makes it perfectly-suited for architectural & commercial applications, while its cost-effective die-cast aluminum housing makes its acquisition cost very competitive. The Mirada offers high performance factory-rotatable silicone optics, 5 standard CCTs, 42,000+ delivered lumens, and is available with integral Airlink™ Wireless Controls.

### Features & Specifications

#### Optical System

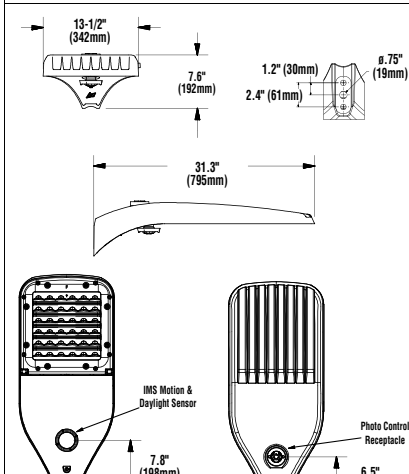
- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, 5W, FT and FTA.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, 3000K, and 2700K color temperatures per ANSI C78.377. Also available in Phosphor Converted Amber, consult factory for availability.
- Minimum CRI of 70. Optional 80 CRI available, consult factory for lead time.
- Integral Louver (IL) option available for improved back-light control without sacrificing street side performance. See page 5 for more details.

#### Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 2)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L lumen package rated to +40°C.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation



### Product Dimensions



Fixture Label = A, B, D

### LED INGROUND LIGHT (XIG)



**DOE LIGHTING FACTS**  
Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit [www.lightingfacts.com](http://www.lightingfacts.com) for specific catalog strings.

LIGHT OUTPUT - XIG				
	# of LEDs	Lumens (Nominal)		
		SP10	NPL25	FL40
Cool White	350 mA	19	2159	2076
Watts		22	23	22
Warm White	350 mA	19	1445	1485
Watts		22	23	22

LED Chips are frequently updated therefore values may increase.

#### US patent 8,152,334 and US & Int'l. patents pending

**EXPECTED LIFE** - Minimum 60,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

**LEDS** - Select high-brightness LEDs in Cool White (5000K) or Warm White (3500K) color temperature. 68CRI

**DRIVER CURRENT** - Available in 350mA

**OPTICS / AIMING** - Available with 10°, spot, 25° or 40° flood horizontal beam angle distributions. Optics can be tilted +/- 15° from vertical via external aiming screw, with tamper-resistant spanner tool. Adjustment tool provided.

**HOUSING** - Composite rough-in housing never corrodes; field-proven to last for more than 20 years without maintenance. Luminaire housing is 85% copper alloy for wet locations or aluminum for damp/dry locations. CNC precision machined to insure proper sealing.

**DRIVER OVER CAPABILITY** - 4,000 lbs. vehicle weight.

**OPTICAL UNIT** - 15mm low-iron tempered glass lens does not change color of light emitted. 19mm thick lens supplied with stainless steel trim option to retain flush surface. Sealed optical chamber is aimable from outside the unit to ensure integrity of the seal. No heat in the LED light beam means a cool lens - no risk of burns to bare feet. Optional slip resistant lens available, to enhance public safety.

**INSTALLATION** - Rough-in housing can be shipped ahead for pre-casting in concrete. Luminaire connects to field wiring via IP-68 rated connector.

**ELECTRICAL** - Universal frequency input (120-277V, 50/60 Hz). Surge protection meets ANSI C62.41.2, Scenario 1, Location Category C-low standards (6,000; 3,000A)

**DRIVER** - State-of-the-art driver technology specifically designed for LSI LED fixtures provides unsurpassed system efficiency.

**OPERATING TEMPERATURE** - -40°C to +50°C (-40°F to +122°F)

**FINISH** - Clear-anodized natural aluminum finish or LSI's DuraGrip® polyester powder coat finishes available. DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for a full five years. Standard colors include black, white, bronze, metallic silver, graphite and satin verde green. Natural brass matte blast finished.

**TRIM** - Optional 11" diameter x .18" thick stainless steel decorative trim has radial polish finish.

**WARRANTY** - LSI LED fixtures carry a limited 5 year warranty.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**SHIPPING WEIGHT** - XIGB - 28 lbs., XIGA - 14 lbs.

**LISTING** - Listed to U.S. and Canadian safety standards. Suitable for wet locations.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



Fixture Label = E

### MIRADA WALL SCENCE (XWM)

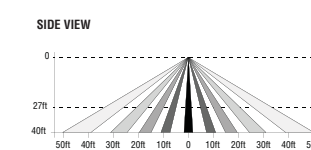


**DOE LIGHTING FACTS**  
Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit [www.lightingfacts.com](http://www.lightingfacts.com) for specific catalog strings.

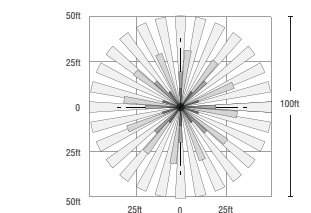
LIGHT OUTPUT - XWM - 3 5000K CCT			
	Lumens	Wattage	LPW
03	3410	29	117
04	4417	40	111
06	6609	59	113
08	8610	82	105

LED Chips are frequently updated therefore values may increase.

#### COVERAGE DIAGRAM



#### TOP VIEW



#### US & Int'l. patents pending

**SMARTTEC™** - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature

**ENERGY SAVING CONTROL OPTIONS** - DIM - 0-10 volt dimming enabled with LSI wireless controls.

**OPTIONAL INTEGRAL MOTION SENSOR** - Passive infrared motion sensor activates switching of luminaire light levels. High level light is activated when passersby enter target zone and increased to full bright in 1-2 seconds. Low light level (30% of maximum drive current) is activated when target zone is absent of motion activity for 5 minutes and is gradually ramped down (10 seconds) to low level. Sensor detection range 110° horizontal x 93° vertical x 10 meters maximum distance.

**LEDS** - Available with 5000K, 4000K or 3000K color temperature, 70 CRI min.

**OPTICS/DISTRIBUTIONS** - Ultra-high efficiency reflectors provide three distributions. Choose from Type 2, Type 3 or Type FT.

**HOUSING** - Three-piece die-cast aluminum housing is smoothly contoured low-profile shape. Mounting hardware is stainless steel or electro-zinc plated steel. Housing and optical unit are sealed with extruded silicone gasket; supply conductors with molded EPDM bushing.

**OPTICAL UNIT** - Proprietary silicone refractor optics provide exceptional coverage and uniformity. Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals

**WALL MOUNTING** - Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box. EPDM gasket is supplied to be installed between mounting plate and junction box, sealing junction box from entrance of water. Universal plate permits fixture to be mounted in uplighting (indoor only) or downlighting position. Optional pole-mounting bracket permits mounting to standard poles (XPLMA).

**ELECTRICAL** - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.

**DRIVER** - Drivers are dimming, standard. Components are fully encased in potting material for IP65 moisture resistance. Driver complies with IEC and FCC standards. Driver can be easily accessed.

**EMERGENCY OPTIONS** - Optional integral emergency battery-back-up options are available. BB option operates in 0°C to 60°C ambient temperature and CWBB operates in -20°C to 60°C ambient temperature. When primary AC power failure occurs, both options operate 10 LEDs for minimum of 90 minutes.

**OPERATING TEMPERATURE** - -40°C to +50°C (-40°F to +122°F)

**FINISH** - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

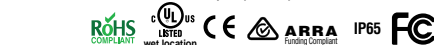
**WARRANTY** - LSI LED fixtures carry a limited 5-year warranty.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**SHIPPING WEIGHT (in carton)** - 30 lbs./13.6kg

**LISTING** - UL listed to ANSI/UL1598, UL8750 and other U.S. and international safety standards. Suitable for wet locations in downlight position.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



Fixture Label = W



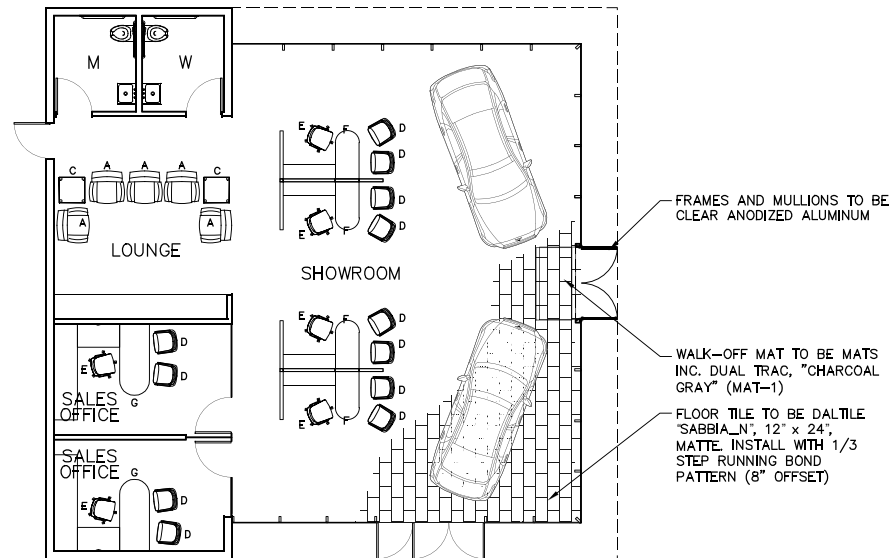
LIGHTING  
Fixture Specifications - Exterior

9.9

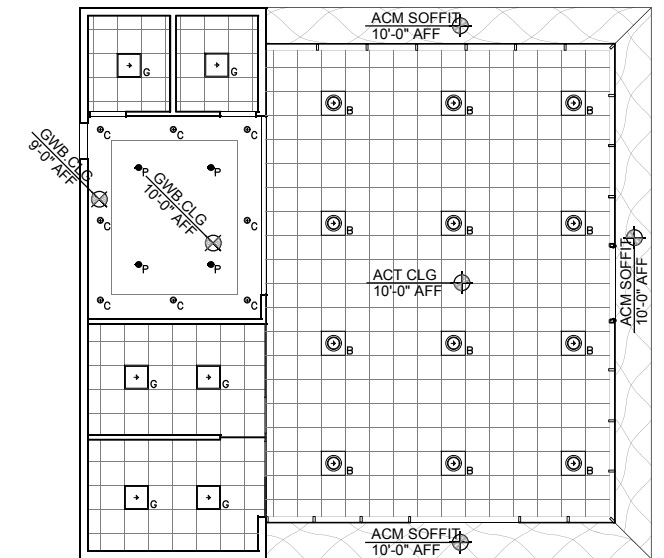
09/30/2020

FURNITURE SCHEDULE--STEELCASE			
QTY	LABEL	ARRANGEMENT	DESCRIPTION
6	A	CUSTOMER LOUNGE SEATING	JENNY; CHAIR, WITH ARMS
1	B	LOUNGE POWER ACCESS	THREAD; 6' CORD
2	C	CUSTOMER LOUNGE TABLE	JENNY; TABLE--COFFEE, HIGH PRESSURE LAMINATE
40	D	SEATING--CUSTOMER	QIVI; CHAIR, SLED BASE, MESH BACK, UPHOLSTERED SEAT, ARMS
23	E	SEATING--PRIVATE OFFICE, RECEPTION DESK, SALES CONSULTANT, INTERNET SALES	QIVI; CHAIR, MESH BACK, UPHOLSTERED SEAT, ARMS, WHEELS
10	F	L-SHAPE OFFICE	ANSWER; L-SHAPED OFFICE, DESK:LAMINATE GRAPHIC WALNUT, BASE:ARCTIC WHITE
9	G	U-SHAPE OFFICE; GENERAL MANAGER & SERVICE MANAGER	ANSWER; U-SHAPED OFFICE, DESK:LAMINATE GRAPHITE WALNUT, BASE:PLASTIC ARCTIC WHITE, PANEL:PLAIN JANE PAPYRUS
3	H	BUSINESS OFFICE WORKSTATIONS	ANSWER; L-SHAPED INTERNET SALES, DESK:LAMINATE GRAPHITE WALNUT, BASE:PLASTIC WHITE
20	J	BREAKROOM SEATING	MOVE; CHAIR, PLASTIC BACK, NO ARMS, GLIDES
5	K	SEATING--SERVICE AREA	QIVI; STOOL, MESH BACK, UPHOLSTERED SEAT, ARMS
1	L	CHILDREN'S PLAY AREA	SIMPLE TABLE--BY TURNSTONE
3	M	CHILDREN'S PLAY AREA	BUOY; SEAT, WHITE, CAP
2	N	CAFE TABLE--STOOL HEIGHT	EMU--BY COALESE, TABLE TOP:LAMINATE GRAPHITE WALNUT, BASE:ARCTIC WHITE
4	P	SEATING--SHOWROOM	MOVE; STOOL, PLASTIC BACK, NO ARMS, GLIDES
1	Q	SEATING--DEALER OFFICE GENERAL MANAGER	GESTURE; STAN-IN FAUX LEATHER GRAPHITE
1	R	DEALER OFFICE--GENERAL MANAGER	CURRENCY; LAMINATE, DESK:LAMINATE GRAPHITE WALNUT, PANEL:PLAIN JANE PAPYRUS
4	S	DEALER OFFICE GENERAL MANAGER--CONFERENCE CHAIR	SW_1; COGENT CONNECT GRAPHITE
1	T	DEALER OFFICE--GENERAL MANAGER CONFERENCE TABLE	UNIVERSAL; LAMINATE GRAPHITE WALNUT
5	U	BREAKROOM TABLE (SEATED HEIGHT)	SIMPLE TABLE; TURNSTONE, TABLE TOP:LAMINATE GRAPHITE WALNUT

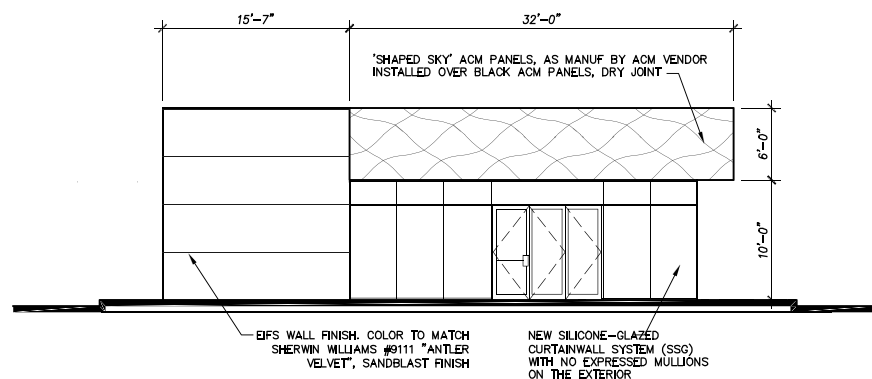
LUMINAIRE SCHEDULE							
QTY	LABEL	ARRANGEMENT	DESCRIPTION	LLF	LUMENS/LAMP	ARR. LUM. LUMENS	ARR. WATTS
12	A	SINGLE	XIG-LED-19-350-WW-UE-SP10-INGROUND	1.000	N.A.	1489	22
12	B	SINGLE	XIRR-S-LED-12-40-14'-18'	1.000	N.A.	12056	111.700
22	C	SINGLE	LAD6-13-LED-40-62-TR6R-HZ-9'	1.000	N.A.	1273	14
9	D	SINGLE	LAD6-41-LED-40-75-TR6R-HZ-14'	1.000	N.A.	4112	45
2	E14	SINGLE	SDL-8-LED-SS-CW-14'	1.000	N.A.	8762	68
16	E4	SINGLE	SDL-4-LED-SS-CW-9'	1.000	N.A.	4380	34
10	E8	SINGLE	SDL-8-LED-SS-CW-9'	1.000	N.A.	8762	68
22	F	SINGLE	LHB11-LED-30L-S-50-14'	1.000	N.A.	28807	213
58	G	SINGLE	SLJ22-LED-HO-NW-UE-9'	1.000	N.A.	3083	34
13	H4	SINGLE	EG3-4-S-LED-HO-CW-9'	1.000	N.A.	7361	60
7	H8	SINGLE	EG3-8-S-LED-HO-CW-12'	1.000	N.A.	14722	121
5	I	SINGLE	SLJ24-LED-HO-NW-UE-9'	1.000	N.A.	5269	57
6	J	SINGLE	GA24-LED-SS-NW-P12-9'	1.000	N.A.	5170	45
9	K	SINGLE	LHB11-LED-12L-S-50-14'	1.000	N.A.	12969	89
3	P	SINGLE	DECORATIVE PENDANT	1.000	N.A.	1273	14
16	S	SINGLE	LAD6-20-LED-30-52-TR6R-HZ-WITH LENS-14'	1.000	N.A.	2029	23



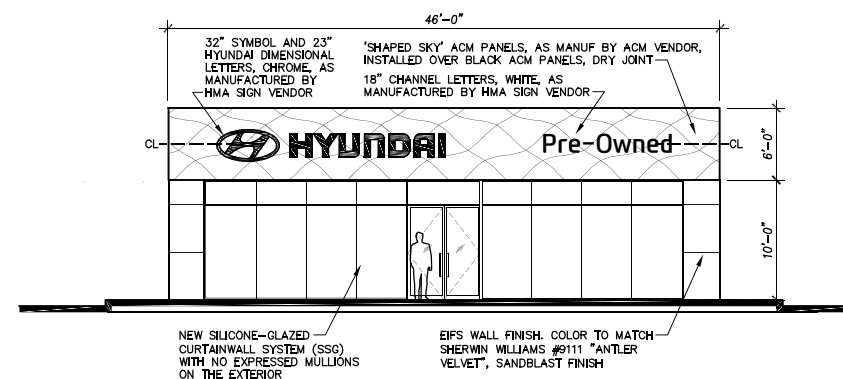
PROPOSED FLOOR DIAGRAM  
SCALE: 1/8" = 1'-0"



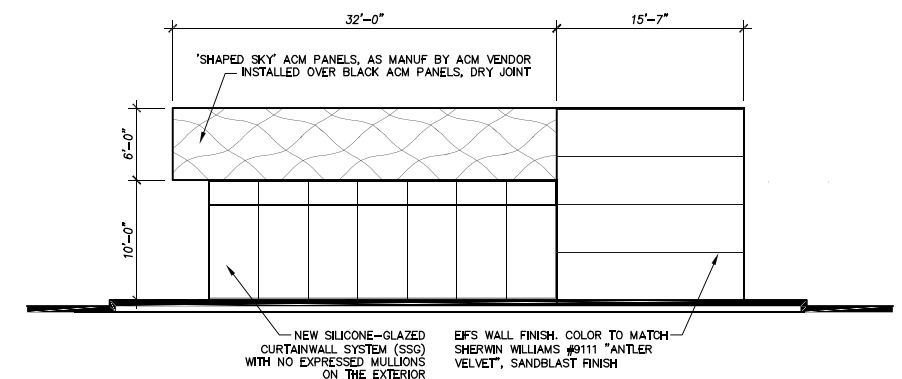
PROPOSED REFLECTED CEILING DIAGRAM  
SCALE: 1/8" = 1'-0"



PROPOSED RIGHT SIDE EXTERIOR VIEW  
SCALE: 1/8" = 1'-0"

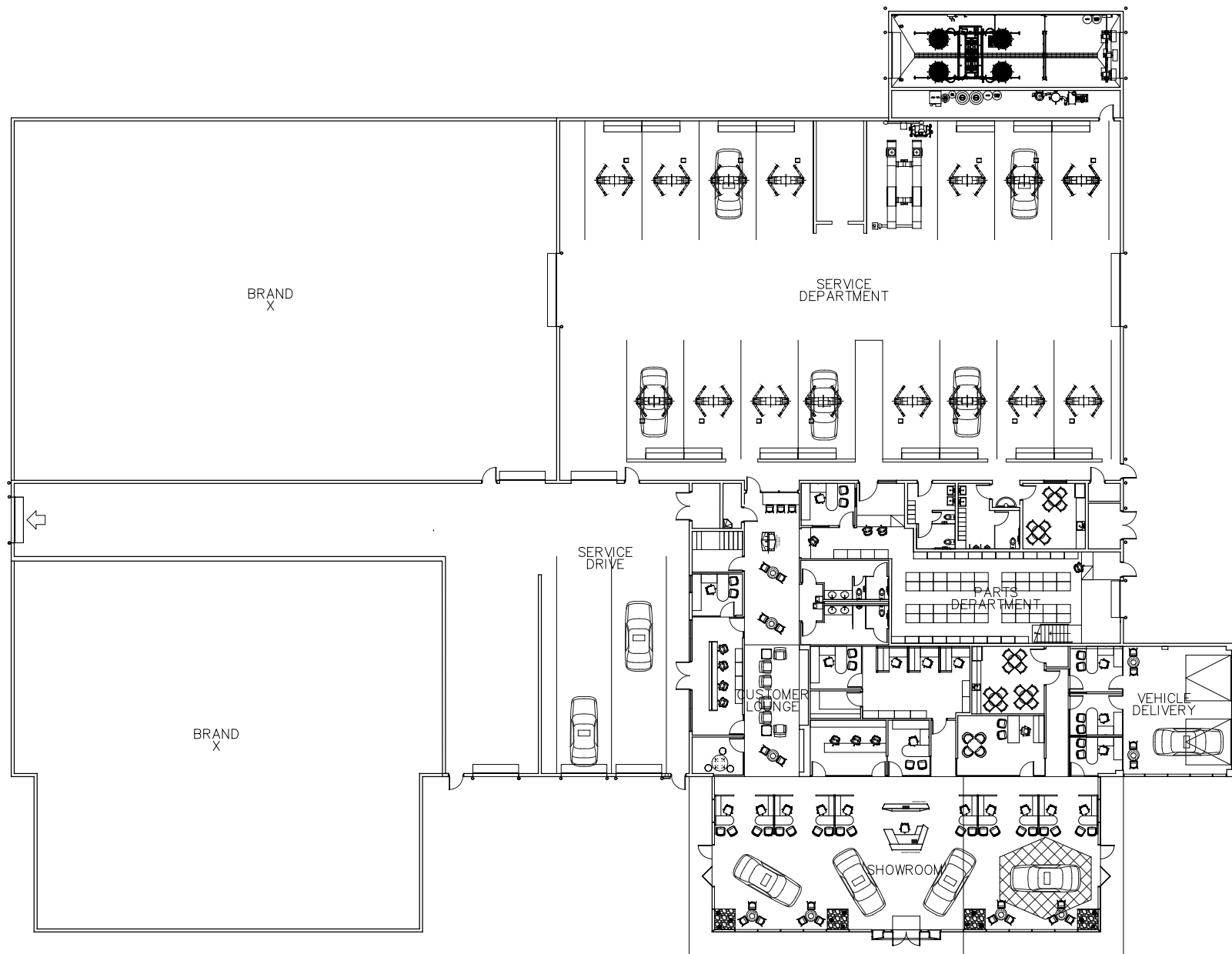


PROPOSED FRONT EXTERIOR VIEW  
SCALE: 1/8" = 1'-0"



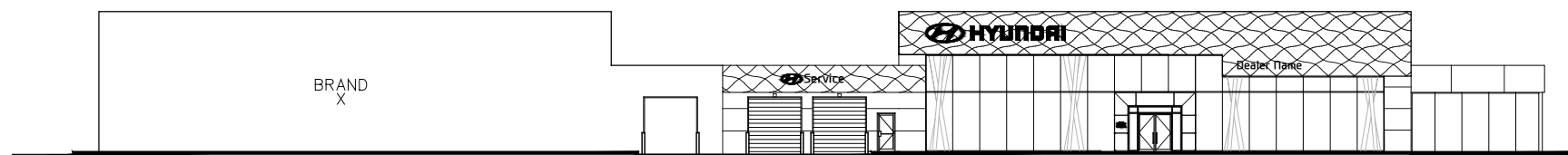
PROPOSED LEFT SIDE EXTERIOR VIEW  
SCALE: 1/8" = 1'-0"





**Dual Scenario 1**

Shared Facility with fixed wall separation  
(Service Drive in the Center)



**Dual Elevation**

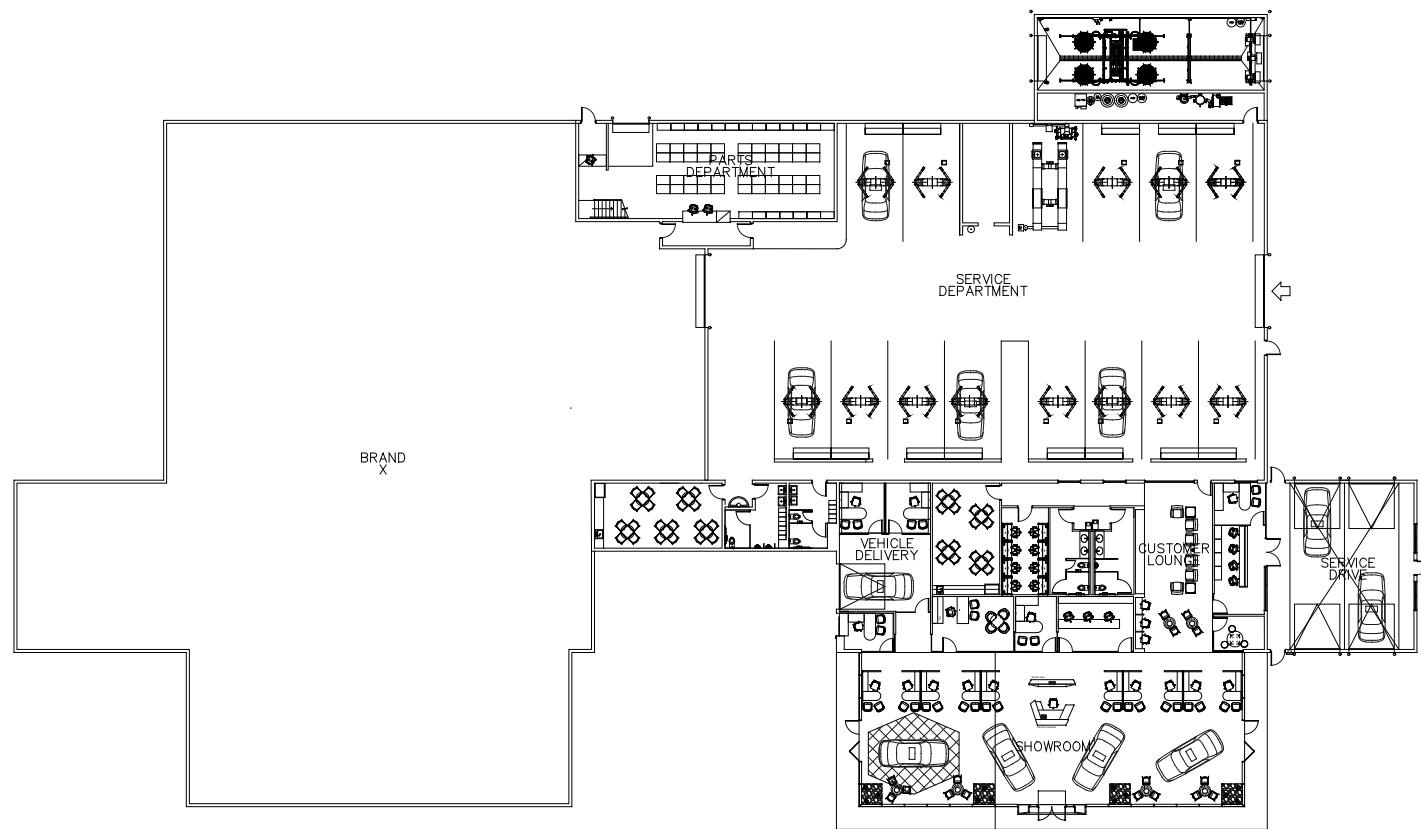
**Dual Policy Statement**

- Sales and service facilities that exclusively represent the Hyundai brand are preferred. Hyundai must authorize dual or multi-franchise facilities. Contact your regional Market Representation Manager for additional information.

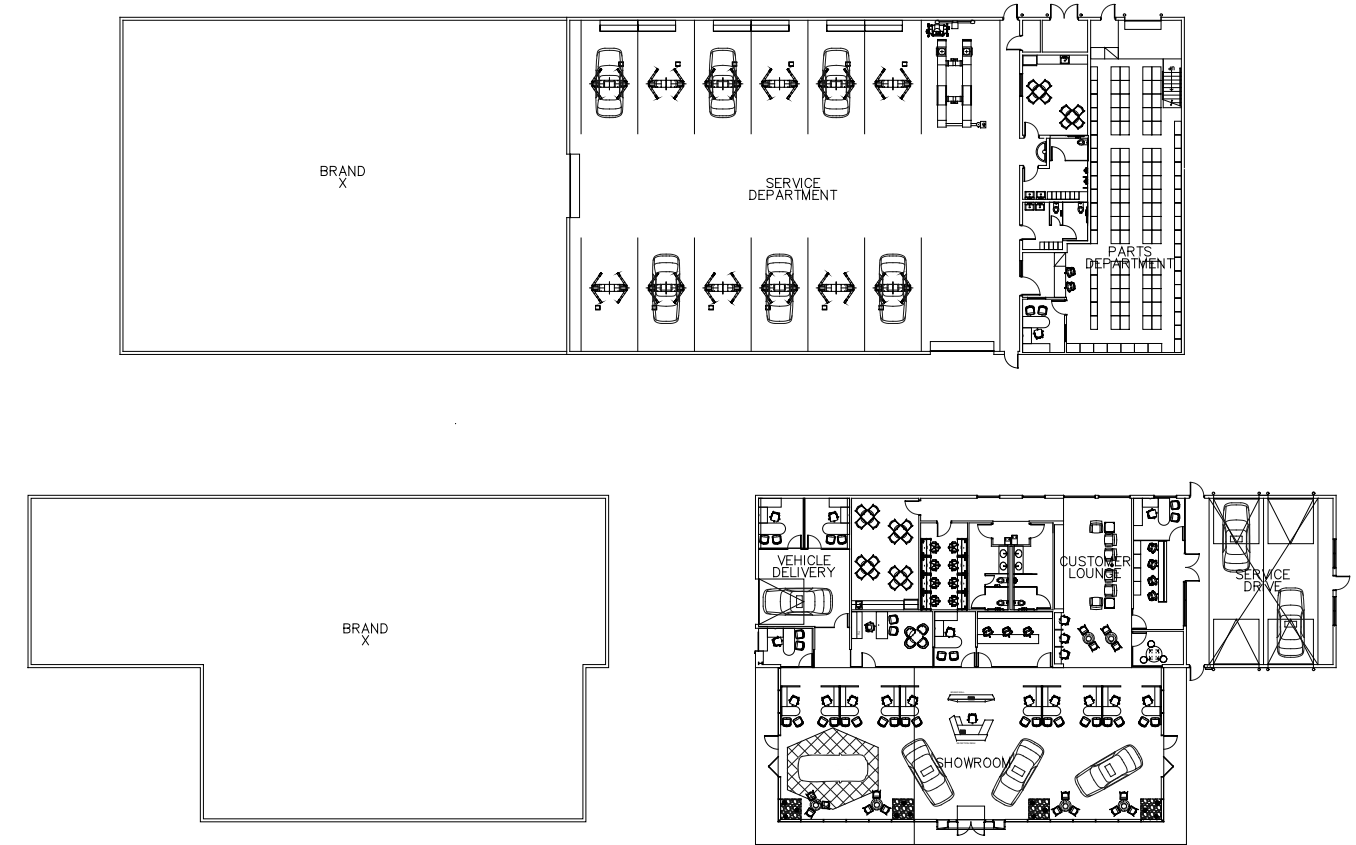
**Dual Facility Standards**

- Provide a separate and distinct entrance into the Hyundai showroom.
- Maintain separate and exclusive Hyundai brand identity at each point of customer contact.
- Provide floor to ceiling separation in Showroom, Management Offices, Customer Lounge, Restrooms and Retail Parts.
- Site and Building Signage shall meet the standards of each brand and they shall be similar in size and proportion.
- Common Areas with variance approval: Service & Parts Facility and Service Drive.
- Hyundai fascia will be physically separated from adjacent brand and contain the Hyundai logo set and dealer name.





**Dual Scenario 2**  
Shared Facility with Separate Showrooms



**Dual Scenario 3**  
Separate Hyundai Showroom



STAY TUNED FOR “HYUNDAI & GENESIS COHABITATION” PROGRAM DETAILS...



STAY TUNED FOR “LEED DESIGN” PROGRAM DETAILS...



STAY TUNED FOR “HYDROGEN TECHNOLOGY” PROGRAM DETAILS...

