



STARBUCKS COFFEE COMPANY

MIDWEST/ MID-AMERICA LANDLORD DESIGN INTENT

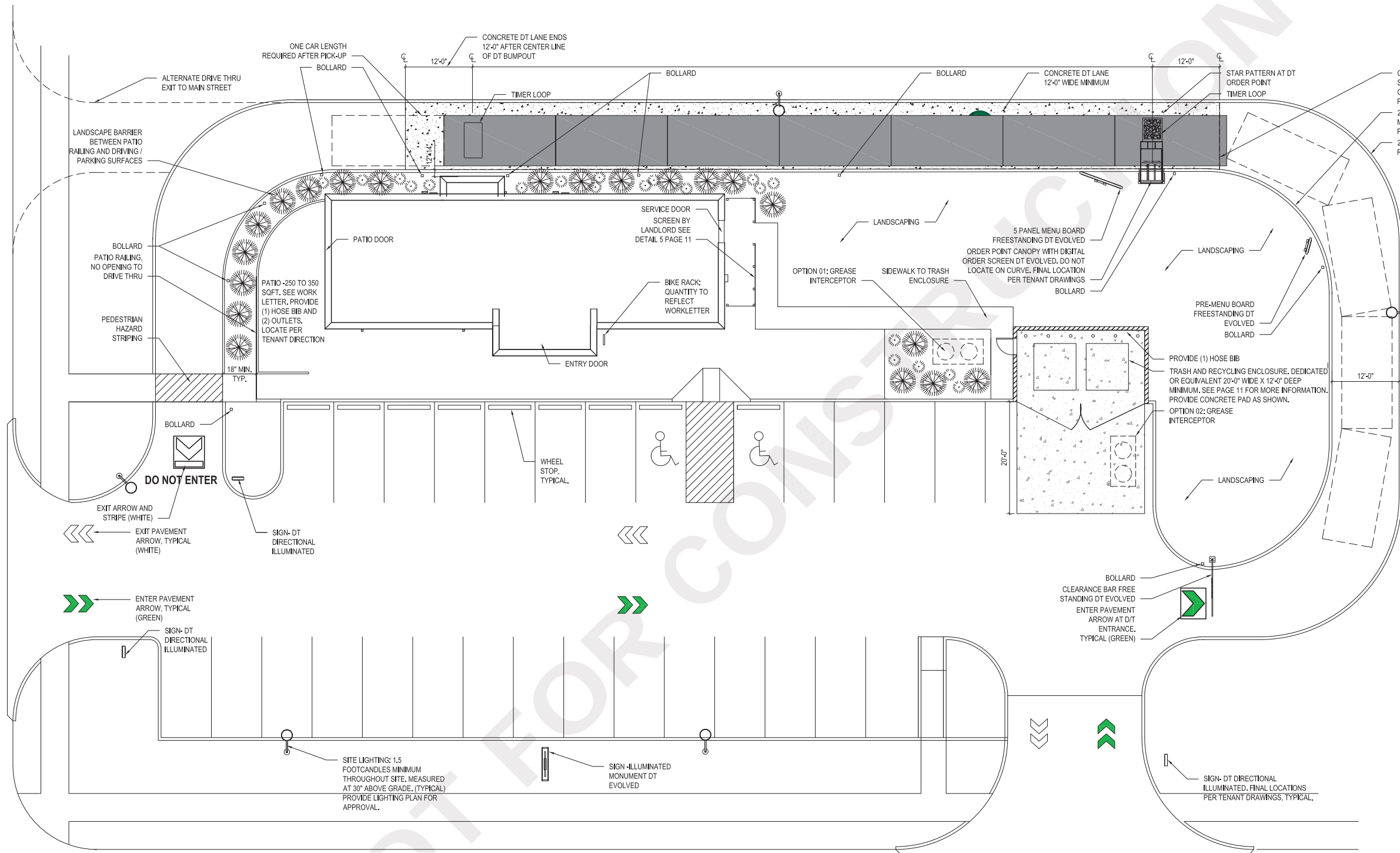
SITE & BUILDING PLAN CRITERIA

THIS PACKAGE IS CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. REFERENCE WORK LETTER AND TENANT DRAWINGS FOR PROJECT SPECIFIC INFORMATION.

STARBUCKS TEMPLATE VERSION 2018.07.06

INDEX OF SHEETS:

PROTOTYPICAL SINGLE TENANT BUILDING: SITE PLAN REQUIREMENTS _____	2
PROTOTYPICAL SINGLE TENANT BUILDING: FLOOR PLAN _____	3
PROTOTYPICAL SINGLE TENANT BUILDING: EXAMPLE UNDERGROUND PENETRATIONS _____	4
PROTOTYPICAL SINGLE TENANT BUILDING: ROOF AND HVAC PLAN _____	5
PROTOTYPICAL END CAP / MULTI-TENANT BUILDING: SITE PLAN REQUIREMENTS _____	6-7
PROTOTYPICAL END CAP / MULTI-TENANT BUILDING: FLOOR PLAN _____	8
PROTOTYPICAL END CAP / MULTI-TENANT BUILDING: EXAMPLE UNDERGROUND PENETRATIONS _____	9
PROTOTYPICAL END CAP / MULTI-TENANT BUILDING: ROOF AND HVAC PLAN _____	10
TRASH ENCLOSURE AND SCREEN DETAILS _____	11
DRIVE THRU EQUIPMENT DETAILS _____	12-14
SITE SIGNAGE AND PAVEMENT GRAPHIC DETAILS _____	15
DRIVE-THRU CONDUIT SCHEMATIC PLAN _____	16
SITE SIGNAGE FOOTING DETAILS _____	17
ENLARGED PATIO PLAN _____	18
LANDSCAPE EXAMPLES _____	19
BUILDING DRIVE-THRU BUMP OUT DETAILS _____	20
DRIVE-THRU WINDOW SPECIFICATION _____	21-22
DRIVE-THRU WINDOW SHELF CUT SHEET _____	23
EXAMPLE BRAND SIGNAGE _____	24-26
AWNING AND CANOPY DETAILS _____	27
EXAMPLE OF POSSIBLE SIGNAGE LOCATIONS _____	28-29
BIKE RACK CUT SHEET _____	30
VEHICLE DETECTOR LOOP CUT SHEET _____	31-32
DOOR HARDWARE _____	33
APPENDIX	



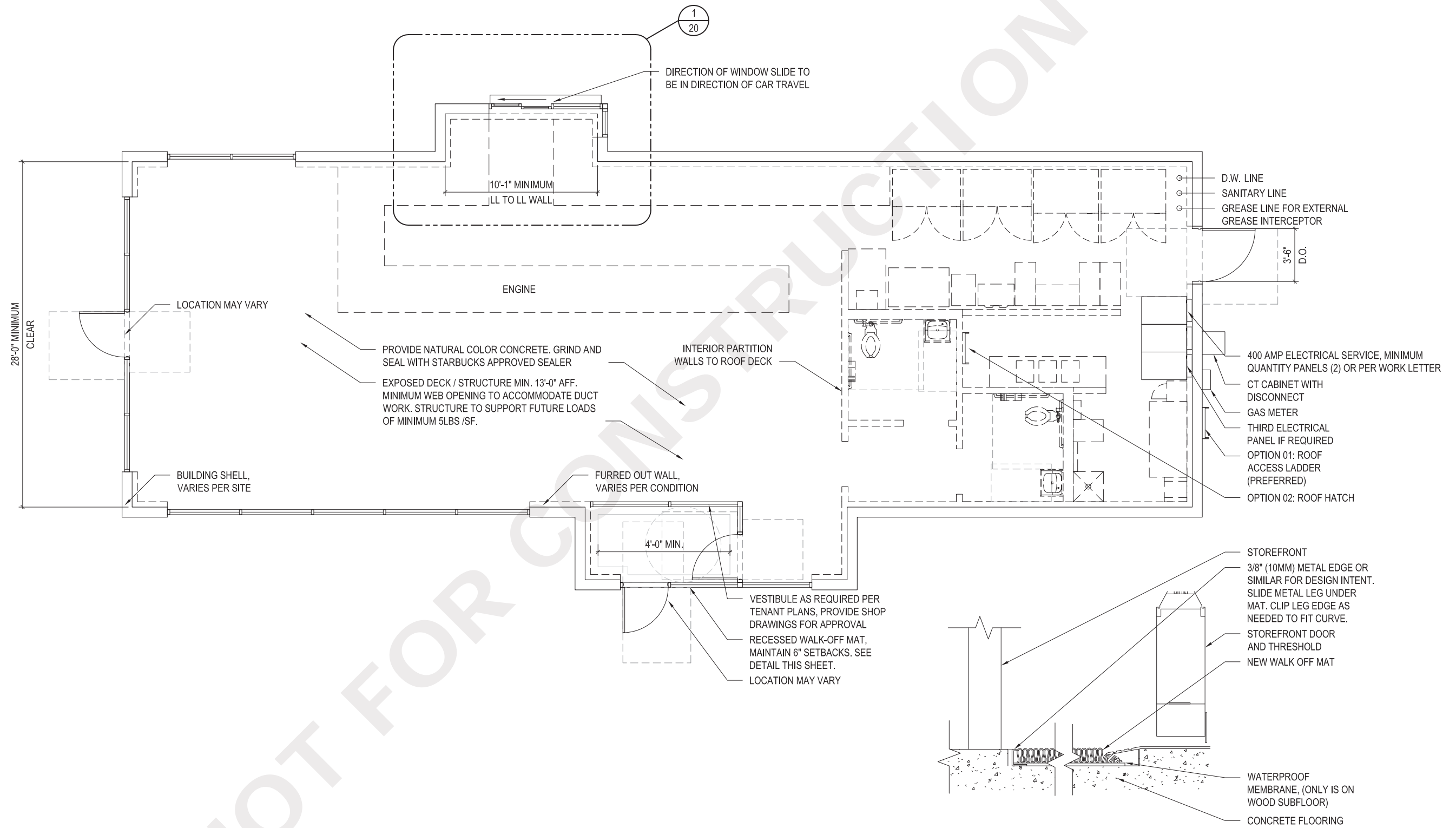
A 120' (7 CAR STACK) MEASURED FROM C.L. OF DT ORDER POINT TO C.L. DT BUMPOUT

STARBUCKS MINIMUM PARKING RECOMMENDATIONS:
 - 18 STANDARD
 - 2 ACCESSIBLE
 - 20 TOTAL

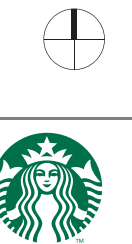
SAMPLE SINGLE TENANT BUILDING: SITE PLAN REQUIREMENTS +/- 2,100 SF

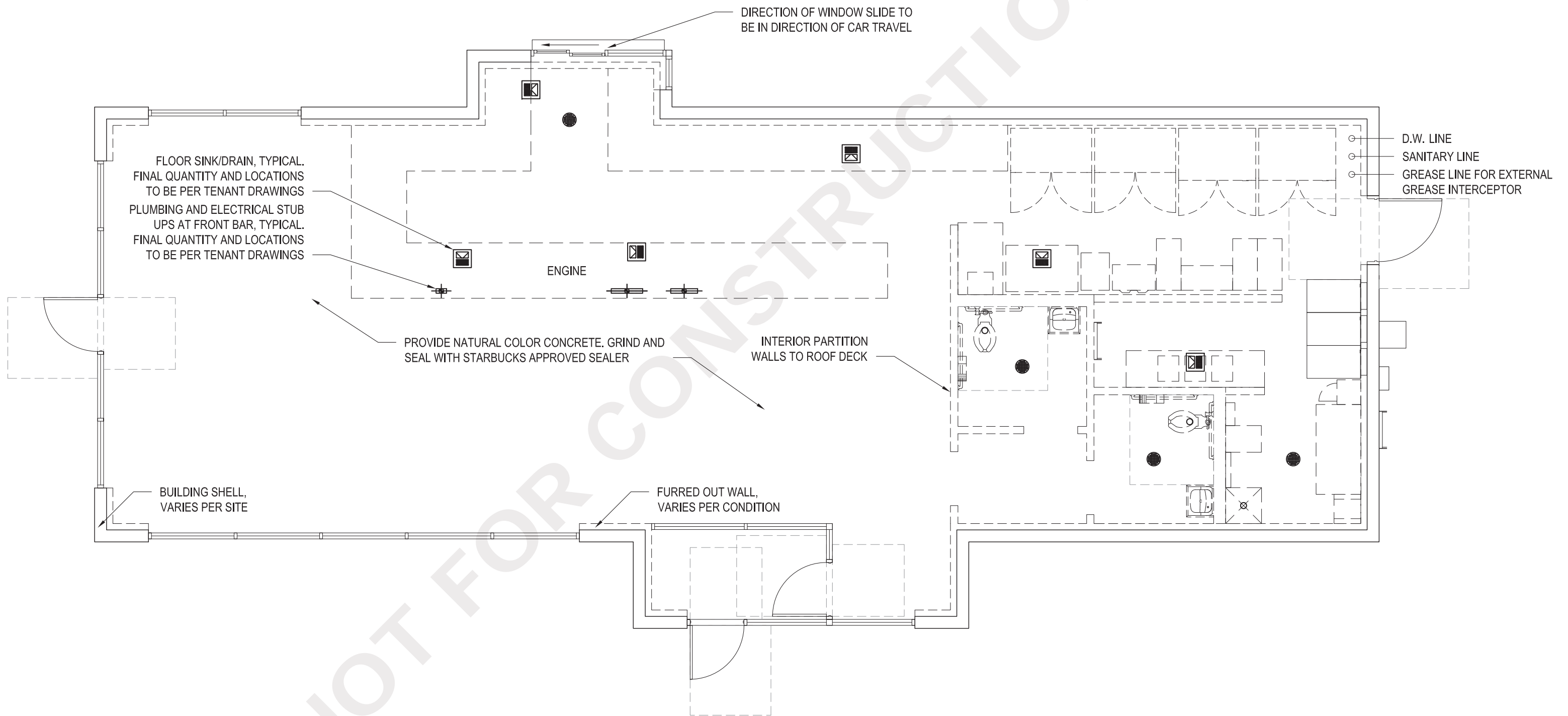
- SEE SPECS AND DETAILS FOR STARBUCKS BRANDED PAVEMENT GRAPHICS.





1 TRANSITION - CONCRETE / WALK OFF MAT
SCALE: NTS

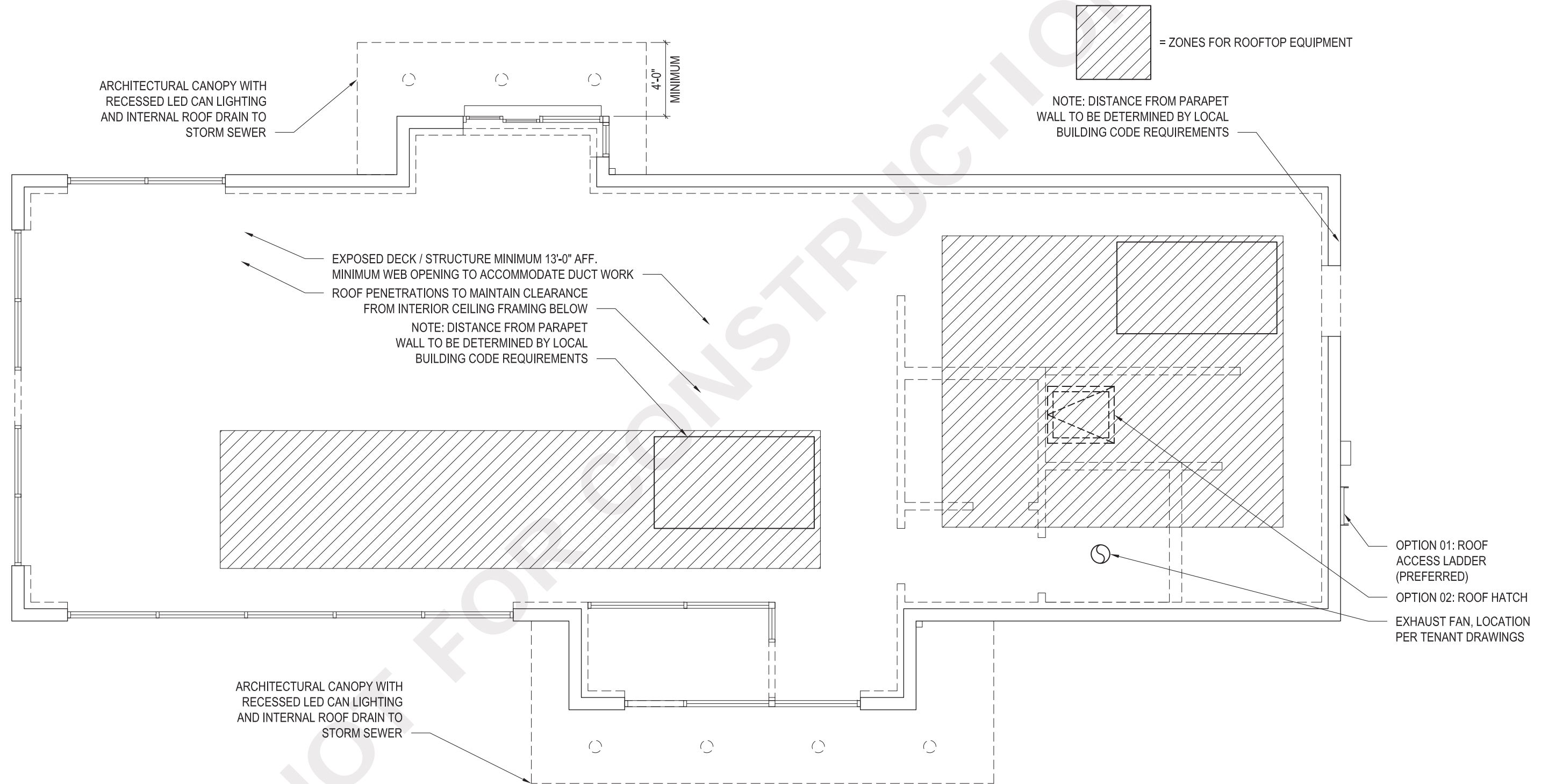




SAMPLE **SINGLE TENANT BUILDING**: EXAMPLE UNDERGROUND PENETRATIONS +/- 2,100 SF



REFER TO TENANT DRAWINGS FOR RTU SIZES AND LOCATIONS
PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION



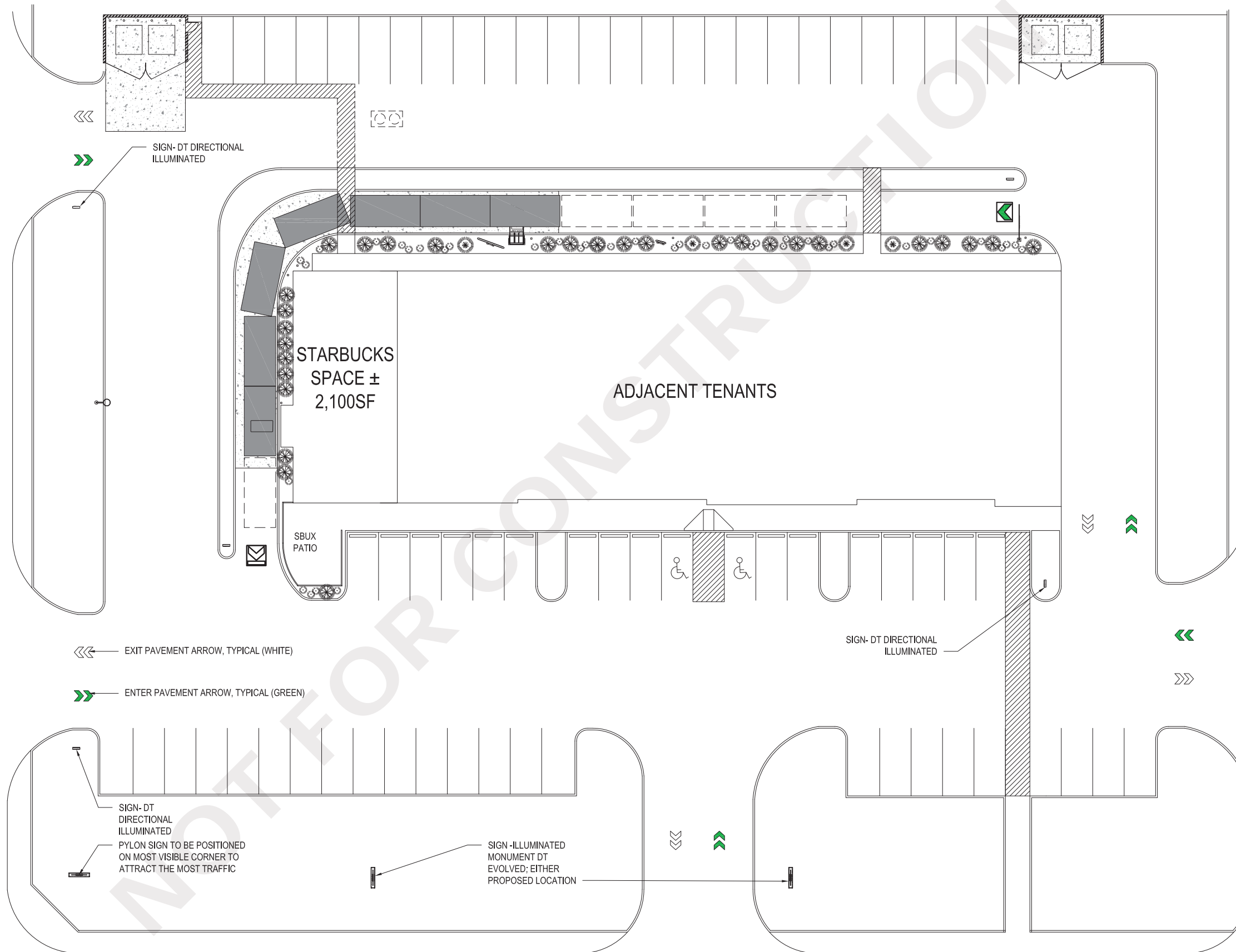
SAMPLE SINGLE TENANT BUILDING: ROOF AND HVAC PLAN +/- 2,100 SF

NOTE: STRUCTURE SHOULD BE ENGINEERED TO SUPPORT (2) 10 TON RTU'S MINIMUM.

PREFERRED MANUFACTURERS

- CARRIER
- TRANE
- LENNOX





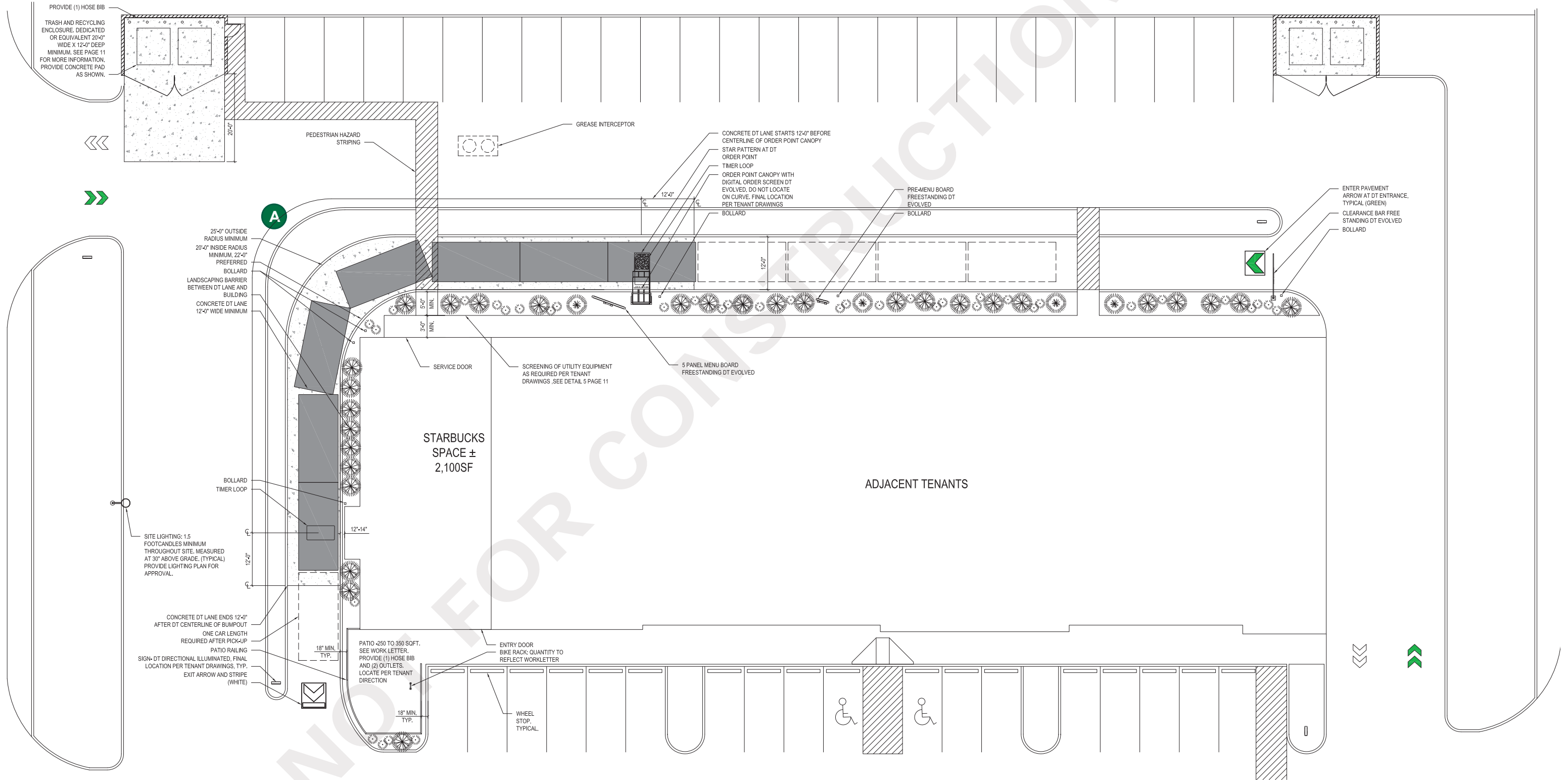
STARBUCKS
 MINIMUM PARKING
 RECOMMENDATIONS:
 - 18 STANDARD
 - 2 ACCESSIBLE
 - 20 TOTAL

SAMPLE END CAP/ MULTI-TENANT BUILDING: SITE PLAN REQUIREMENTS +/- 2,100 SF

SEE SPECS AND DETAILS FOR STARBUCKS BRANDED PAVEMENT GRAPHICS.

MACRO SITE PLAN EXAMPLE





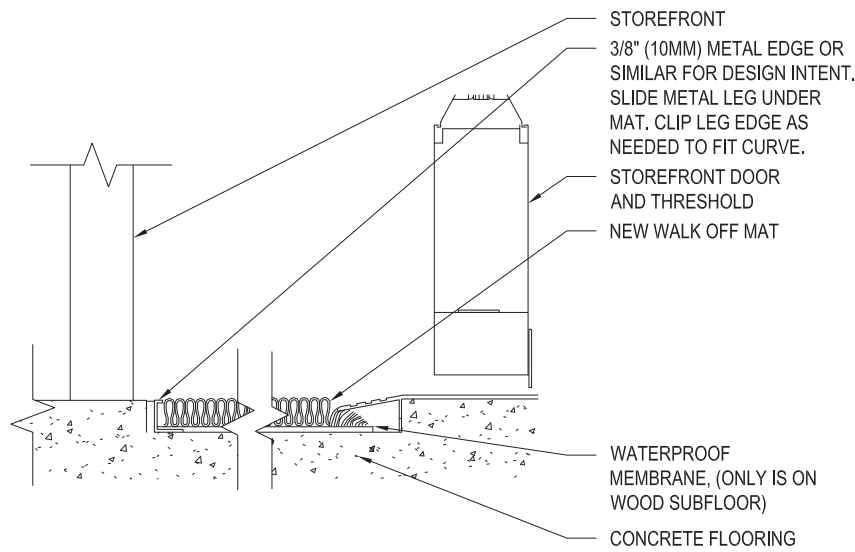
SAMPLE END CAP/ MULTI-TENANT BUILDING: SITE PLAN REQUIREMENTS +/- 2,100 SF

SEE SPECS AND DETAILS FOR STARBUCKS BRANDED PAVEMENT GRAPHICS.

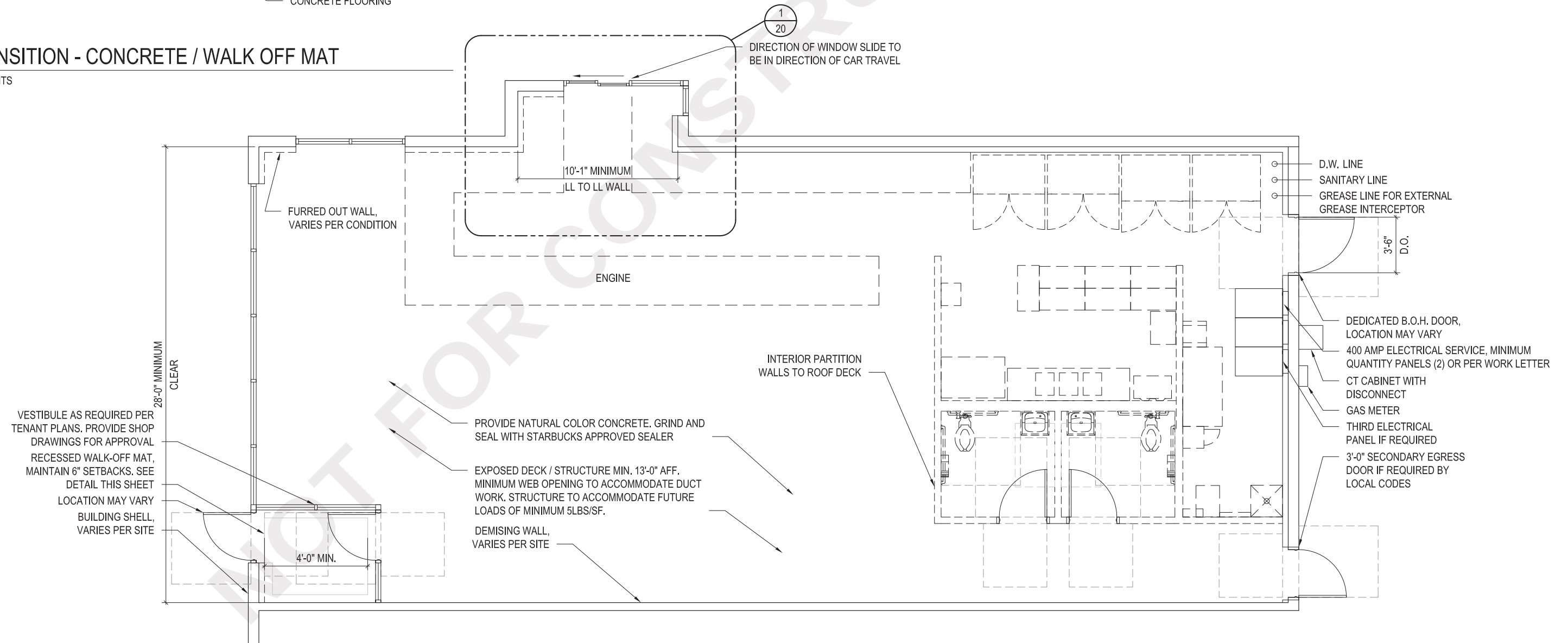
A 120' (7 CAR STACK) MEASURED FROM C.L. OF DT ORDER POINT TO C.L. DT BUMP OUT

ENLARGED SITE PLAN EXAMPLE



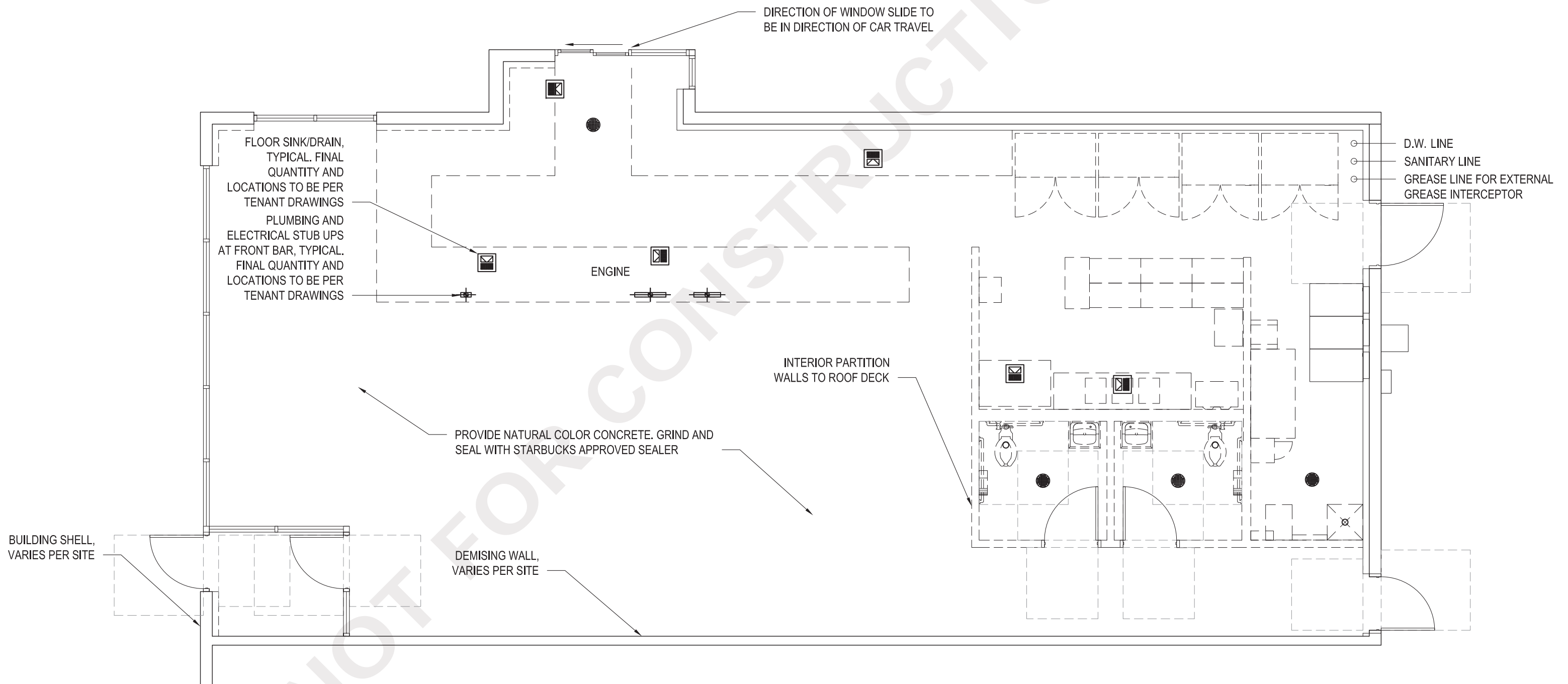


1 TRANSITION - CONCRETE / WALK OFF MAT
 SCALE: NTS



SAMPLE END CAP/ MULTI-TENANT BUILDING: FLOOR PLAN +/- 2,100 SF

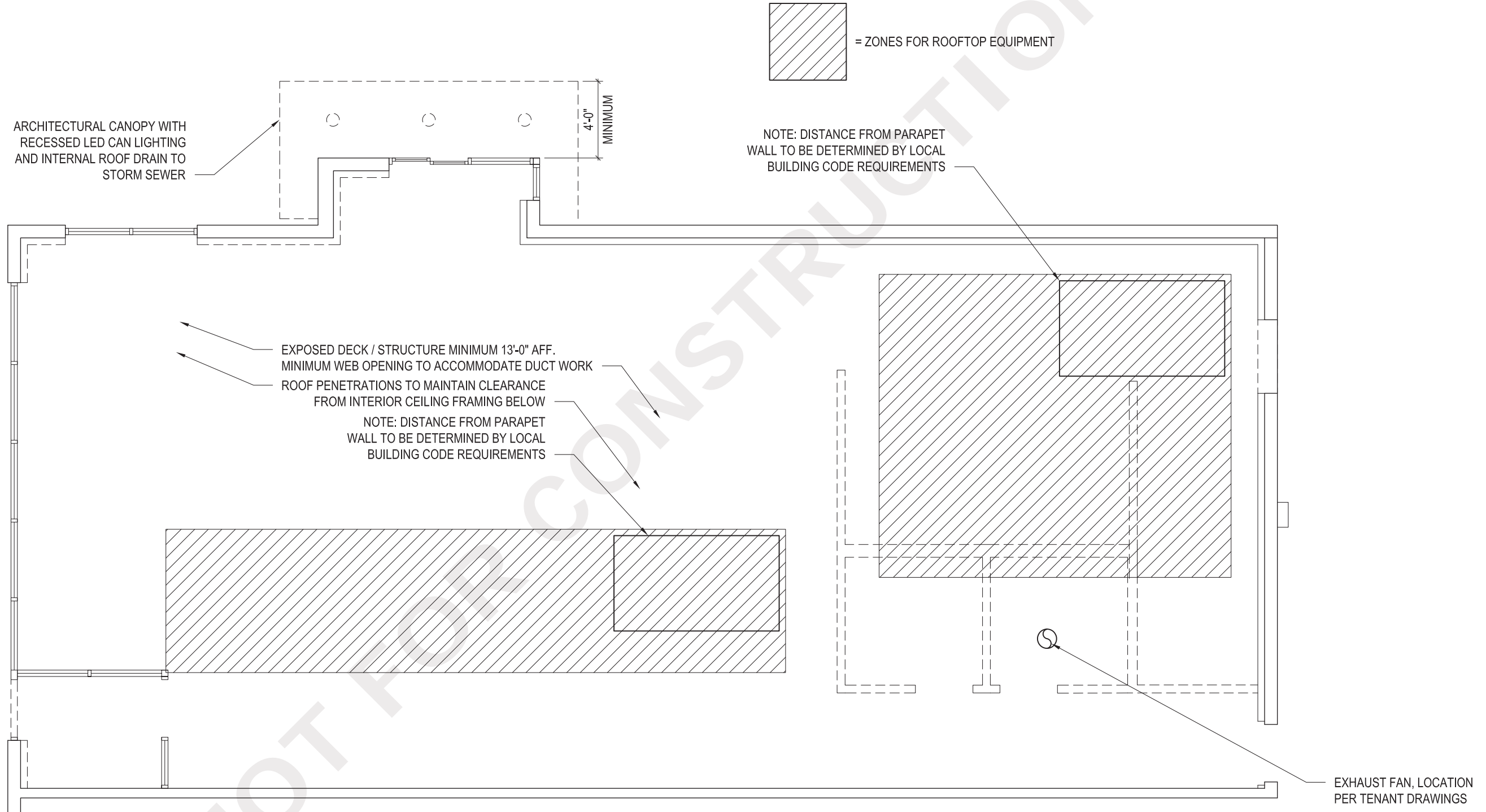




SAMPLE **END CAP/ MULTI-TENANT BUILDING:** EXAMPLE UNDERGROUND PENETRATIONS +/- 2,100 SF



REFER TO TENANT DRAWINGS FOR RTU SIZES AND LOCATIONS
PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION



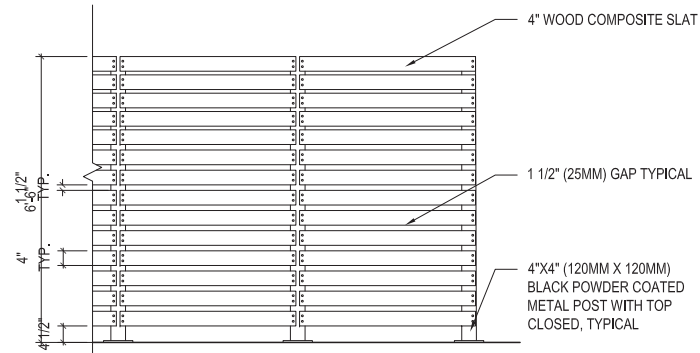
SAMPLE END CAP/ MULTI-TENANT BUILDING: ROOF AND HVAC PLAN +/- 2,100 SF

NOTE: STRUCTURE SHOULD BE ENGINEERED TO SUPPORT (2) 10 TON RTU'S MINIMUM.

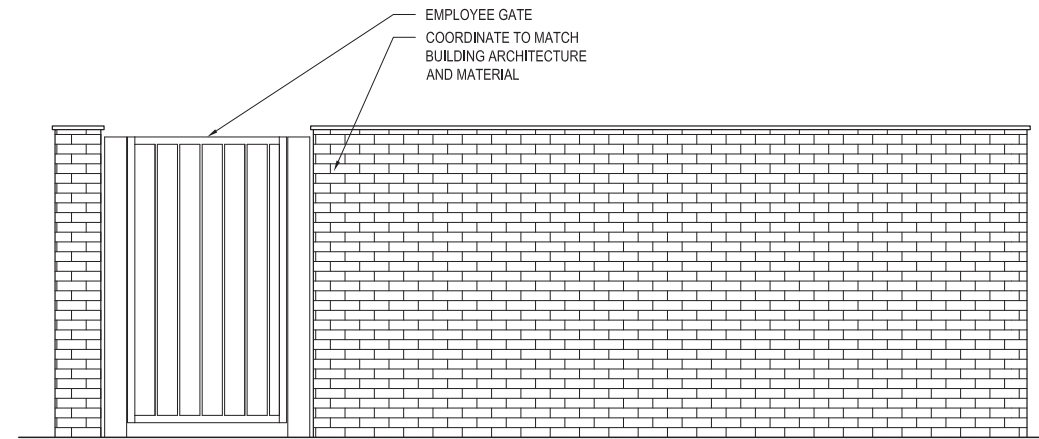
PREFERRED MANUFACTURERS

- CARRIER
- TRANE
- LENNOX

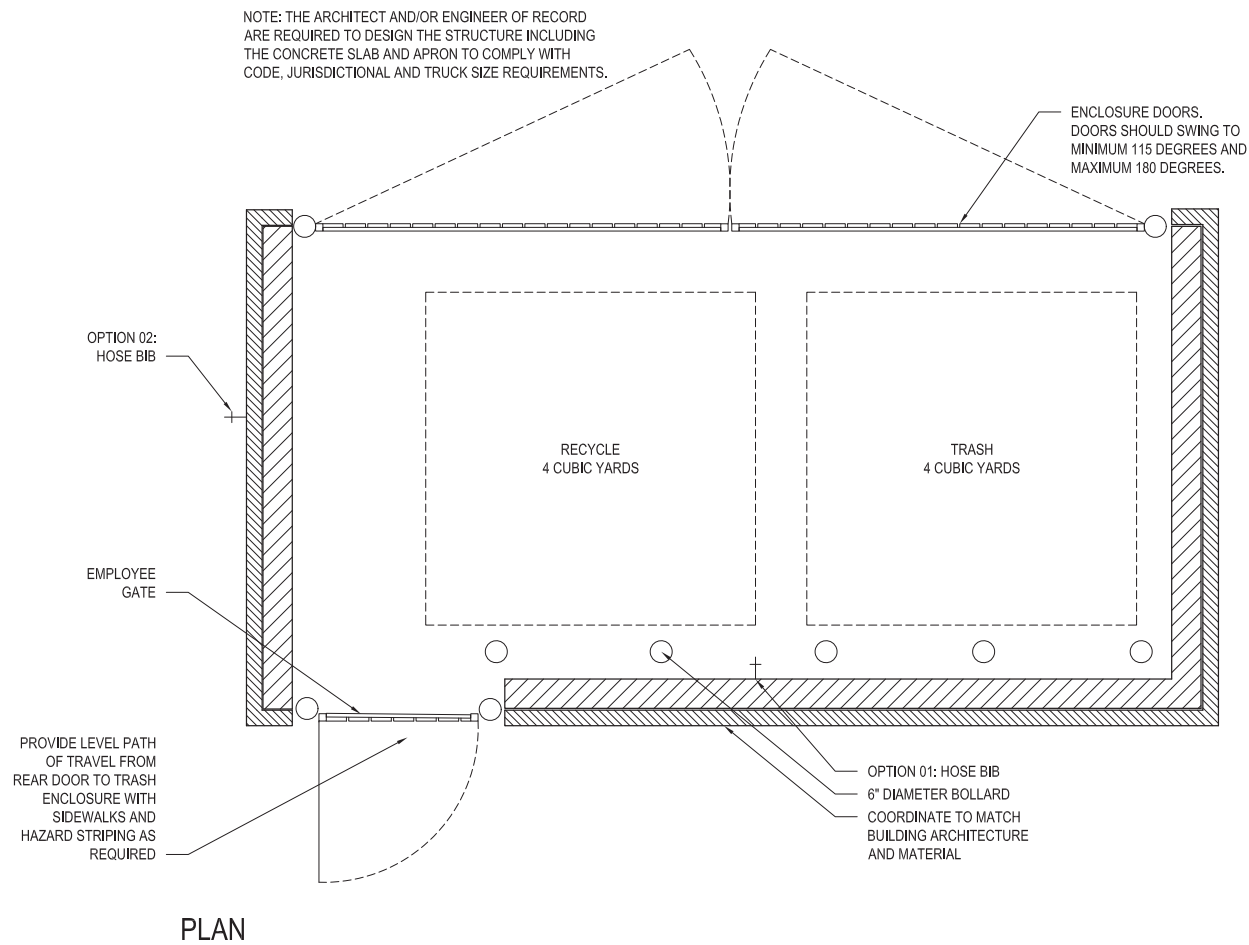




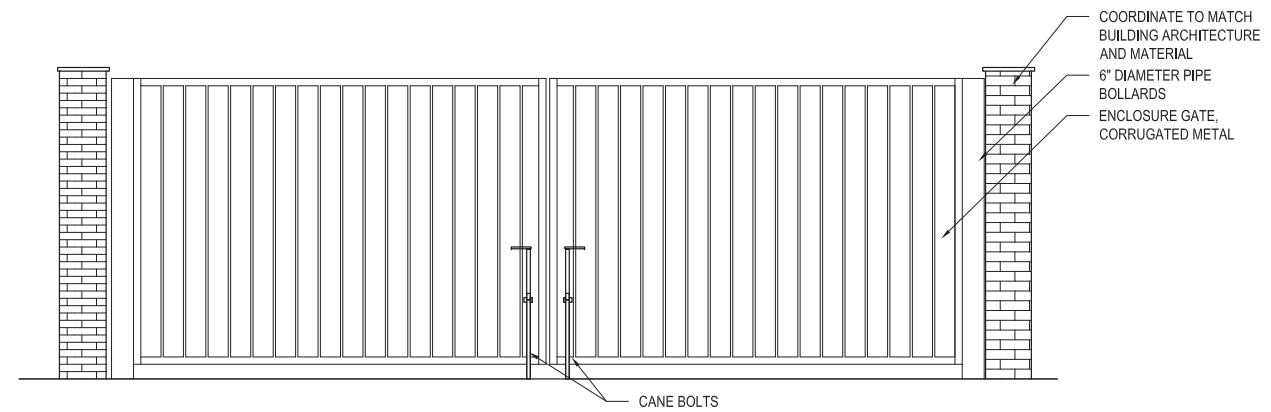
REAR SCREEN AT SERVICE DOOR



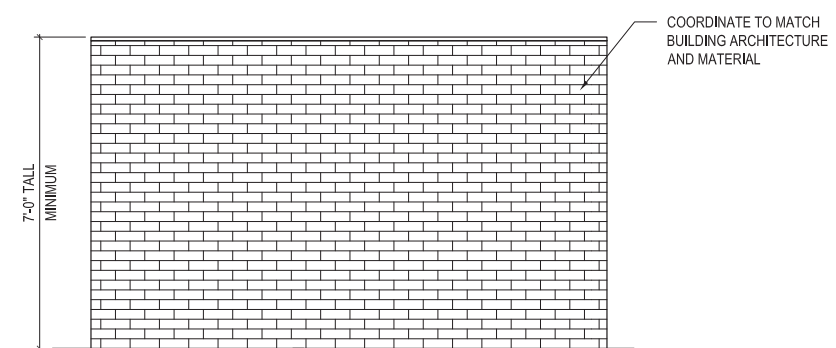
03: ELEVATION



PLAN



02: ELEVATION

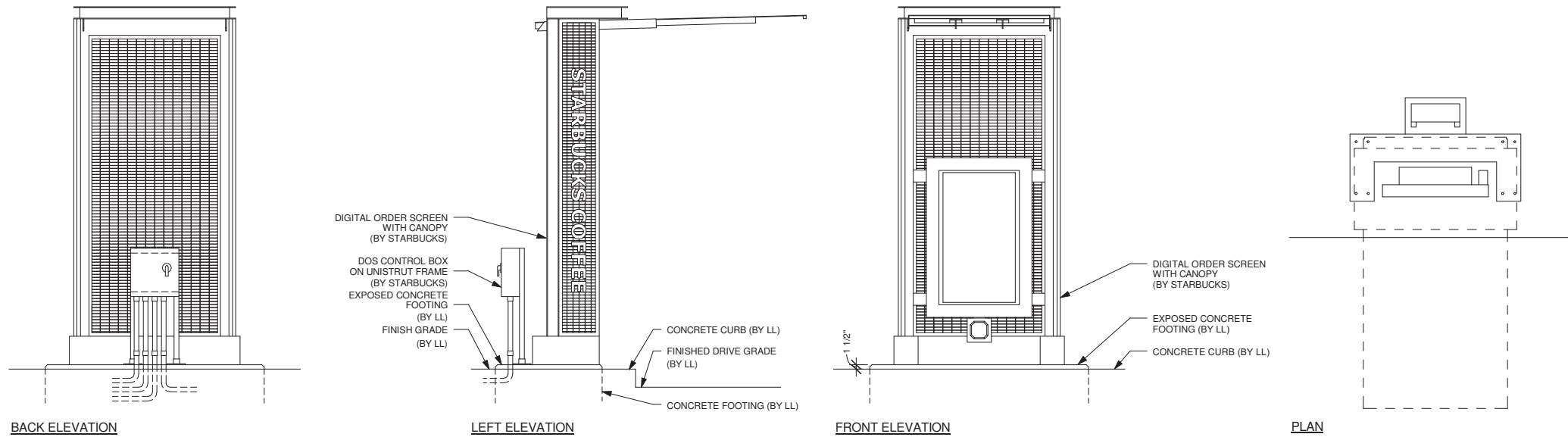


01: ELEVATION

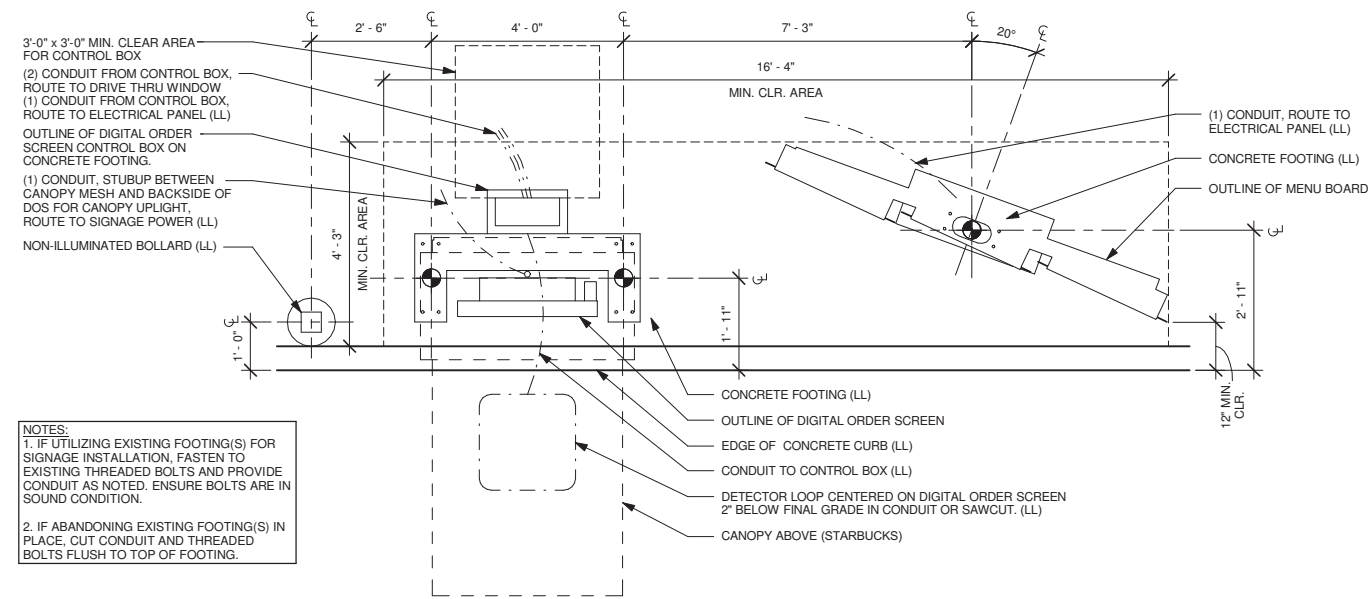
TRASH/ RECYCLING ENCLOSURE AND REAR SCREEN DETAILS

DEDICATED TRASH ENCLOSURE PREFERRED, IF SHARED, SPACE ALLOCATIONS STILL REQUIRED DEDICATED FOR STARBUCKS

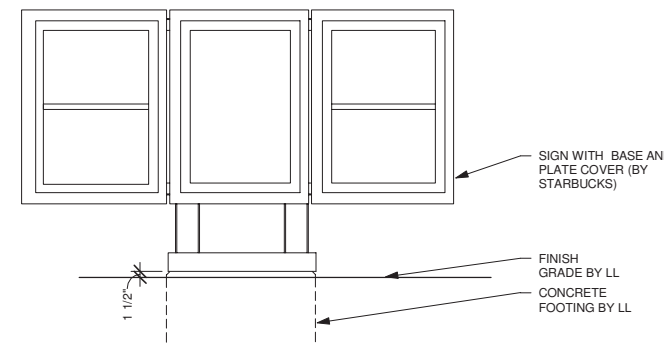




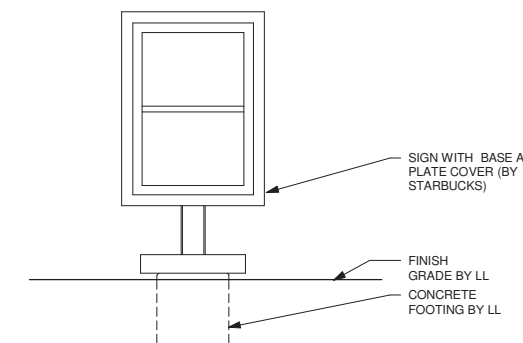
4 DTE - DIGITAL ORDER SCREEN AND CONTROL BOX WITH CANOPY
Scale: NTS



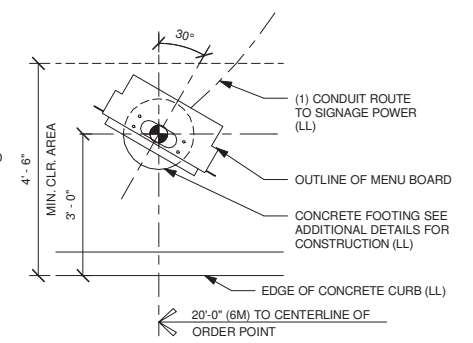
1 DTE - 5 PANEL 20° DT MENU BOARD, DIGITAL ORDER SCREEN WITH CANOPY
Scale: NTS



2 DTE - MENU 5 PANEL FREESTANDING
Scale: 1/2" = 1'-0"



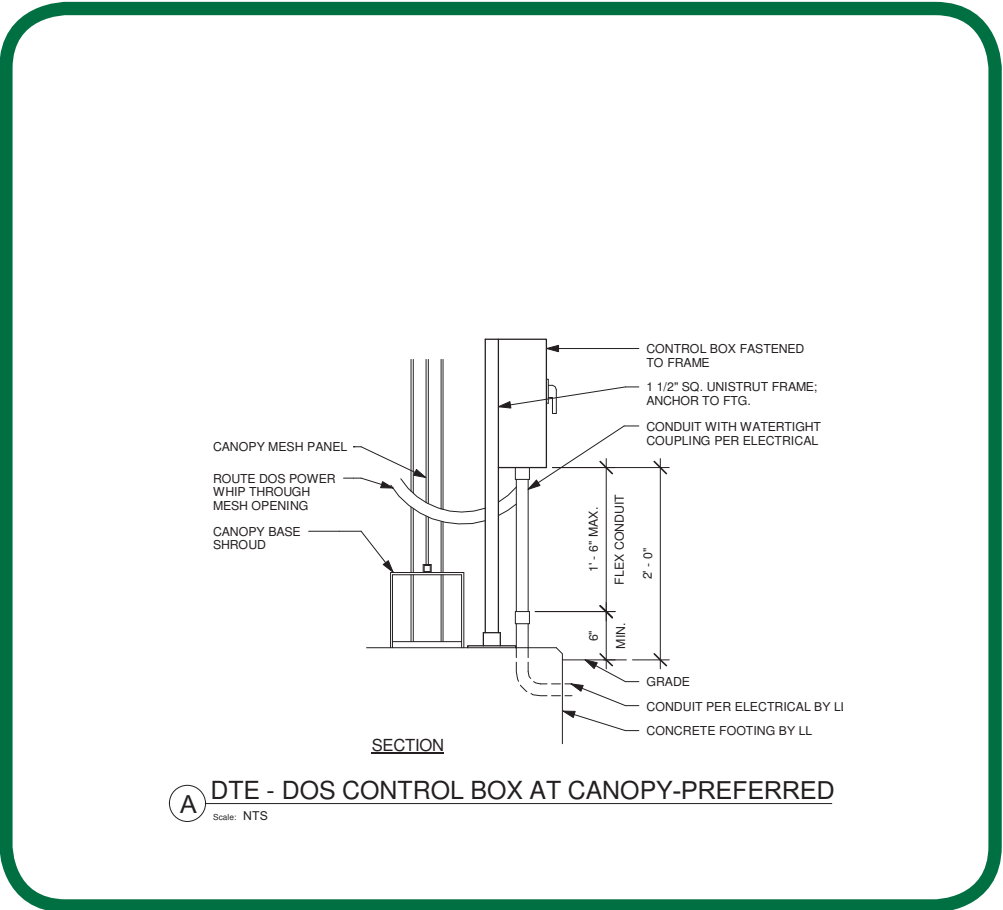
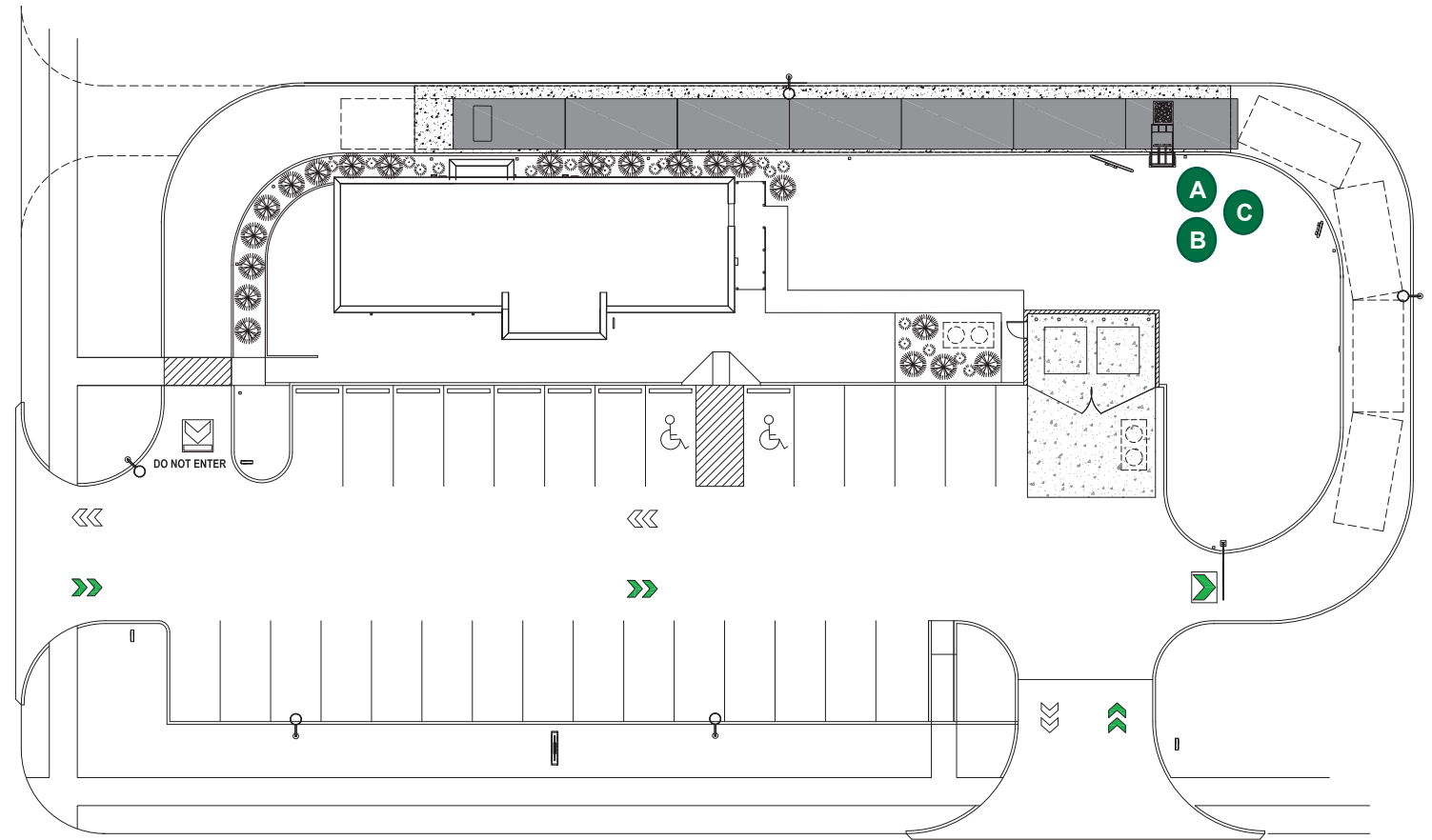
3 DTE - PRE-MENU FREESTANDING
Scale: NTS



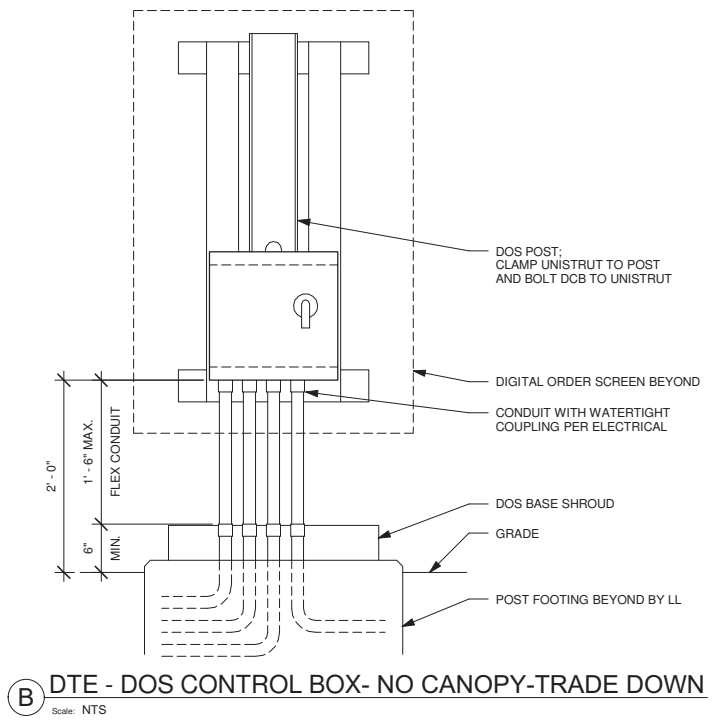
DRIVE-THRU EQUIPMENT DETAILS

COORDINATE SIZE AND LOCATION OF FOOTINGS WITH TENANT DRAWINGS

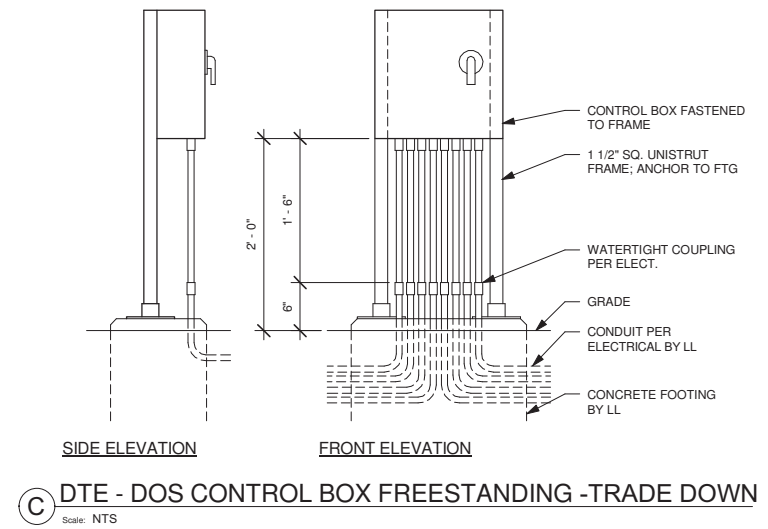




A DTE - DOS CONTROL BOX AT CANOPY-PREFERRED
Scale: NTS



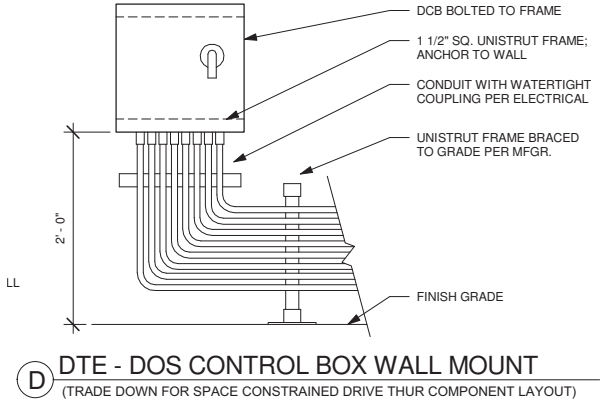
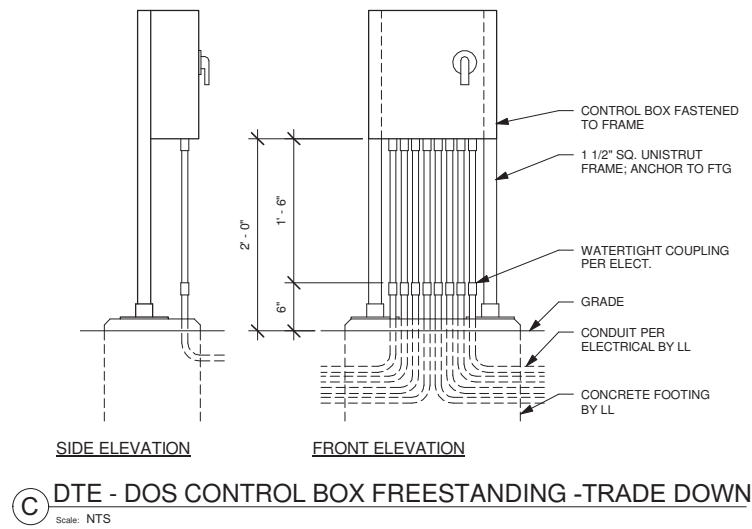
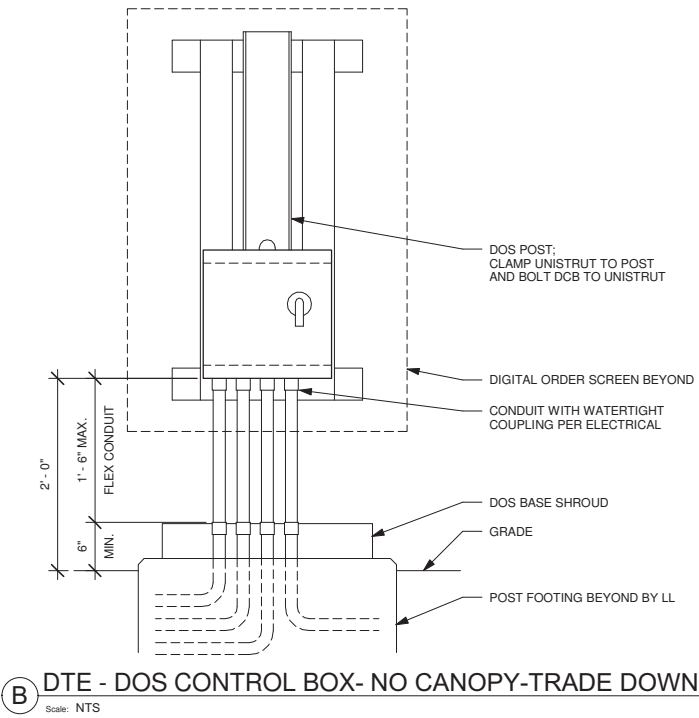
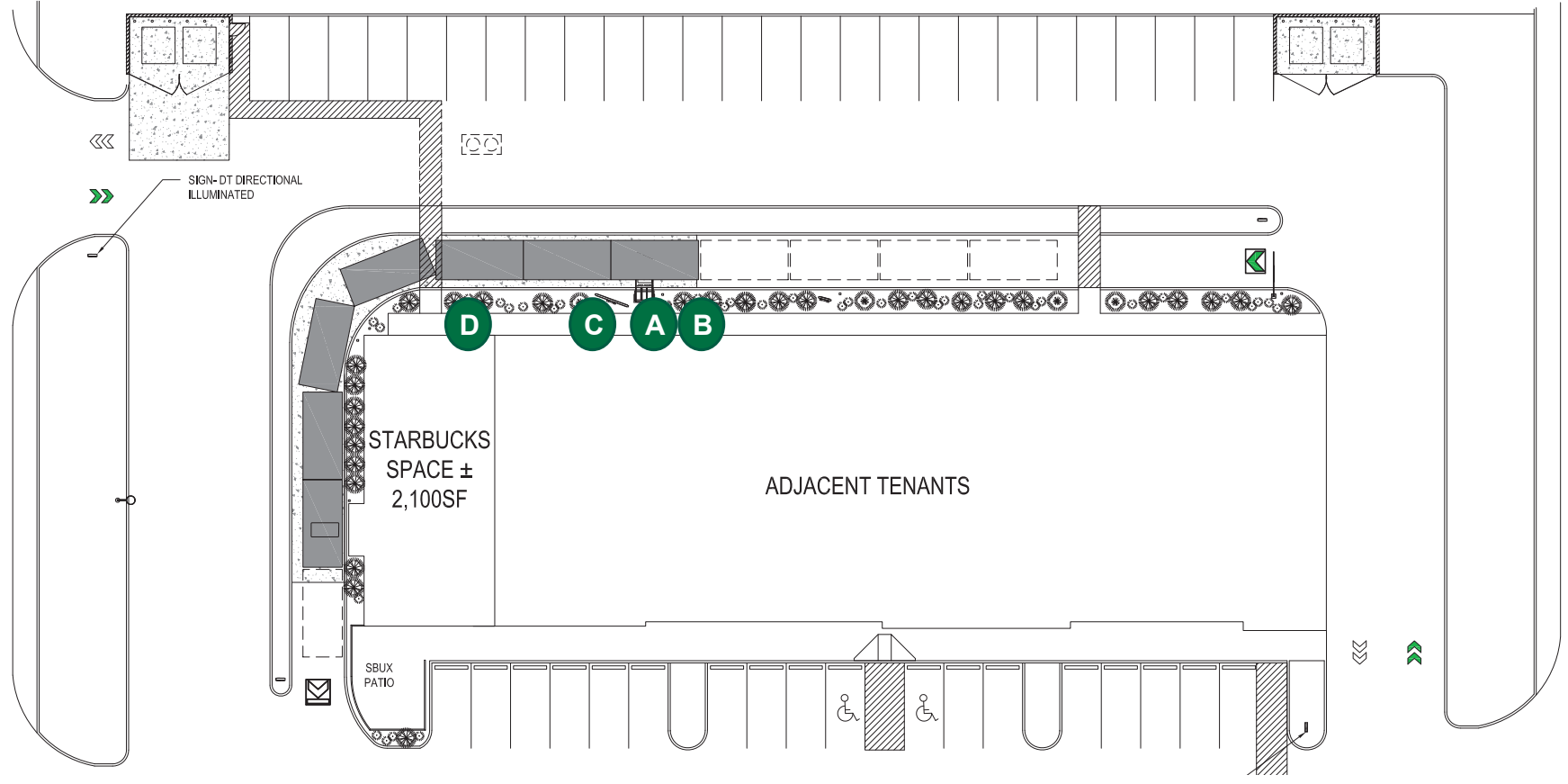
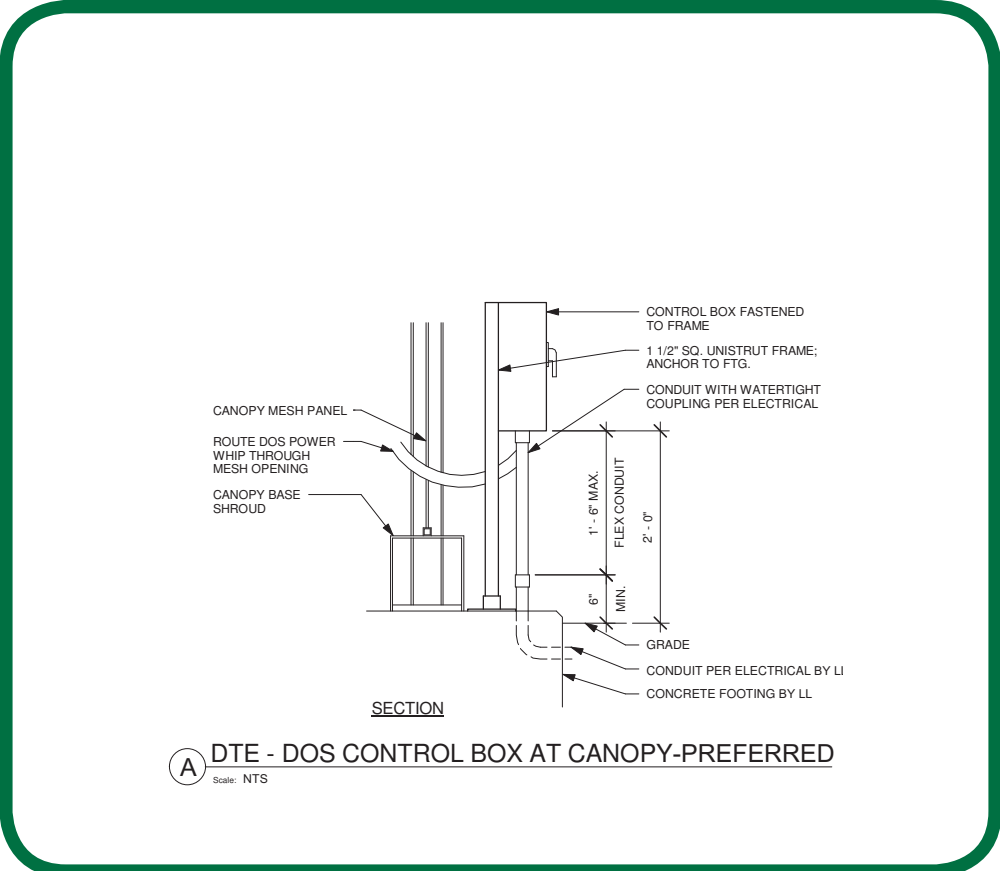
B DTE - DOS CONTROL BOX- NO CANOPY-TRADE DOWN
Scale: NTS



C DTE - DOS CONTROL BOX FREESTANDING -TRADE DOWN
Scale: NTS

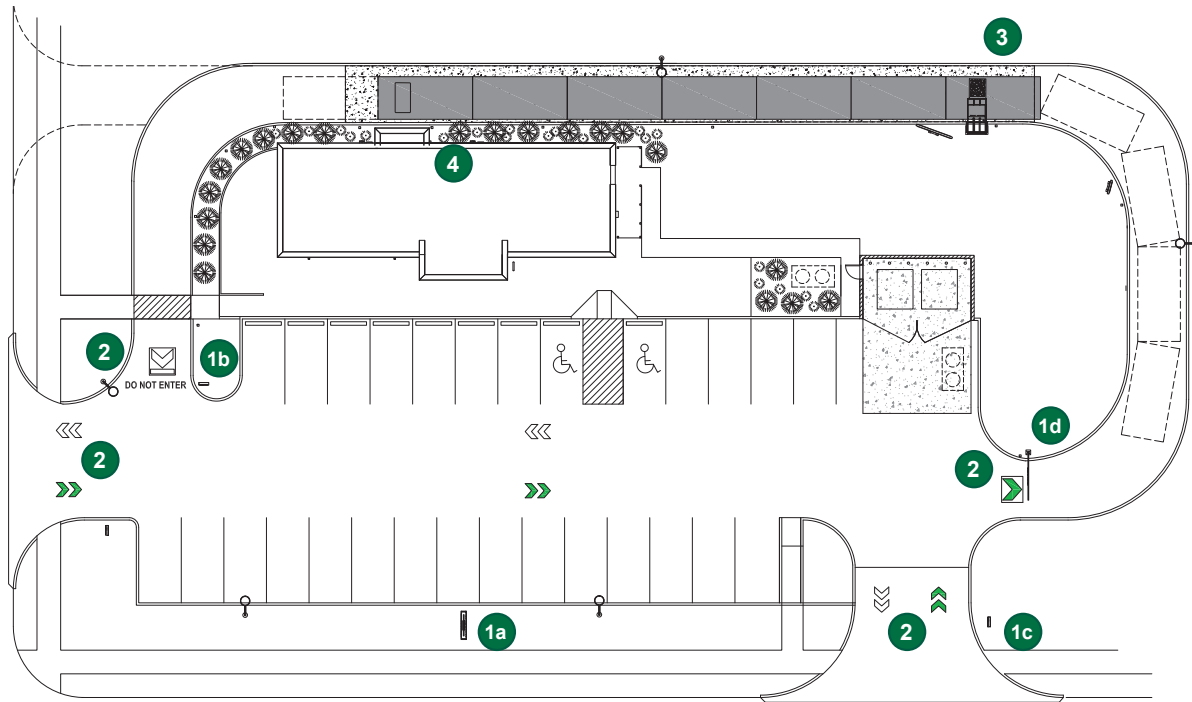
DRIVE-THRU EQUIPMENT DETAILS: SINGLE TENANT BUILDING



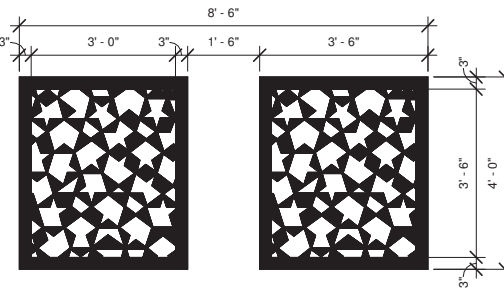


DRIVE-THRU EQUIPMENT DETAILS: END CAP DRIVE-THRU MULTI-TENANT BUILDING



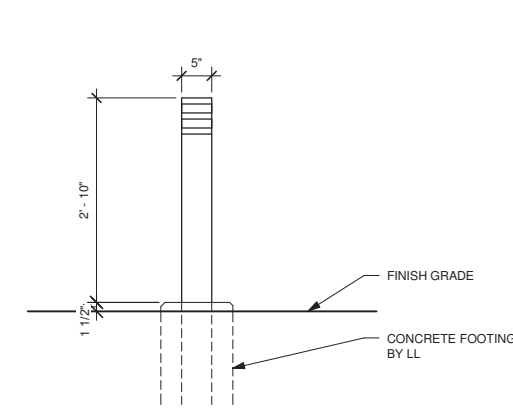
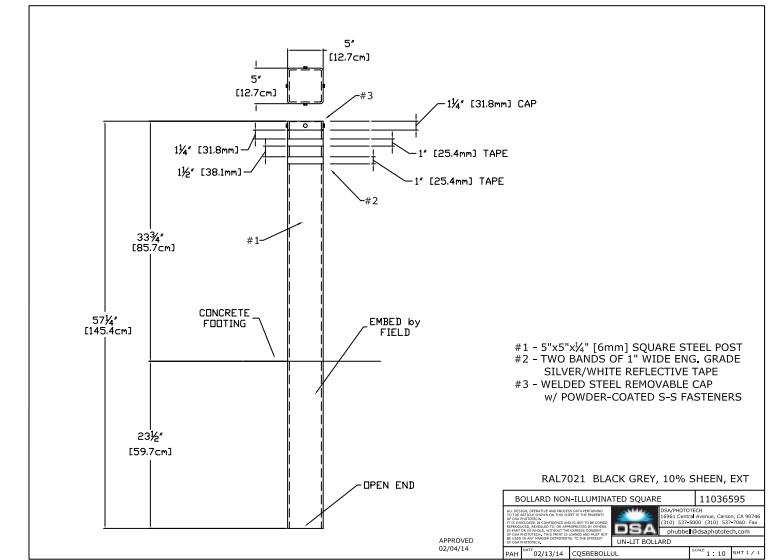


NOTE: DECOMARK THERMOPLASTIC FOR STAR PATTERN AND WAYFINDING GRAPHIC ARROW IS A LONG LEAD TIME ITEM. THERMOPLASTIC APPLIED GRAPHIC ONLY AVAILABLE THROUGH STARBUCKS SPECIFIED VENDOR.



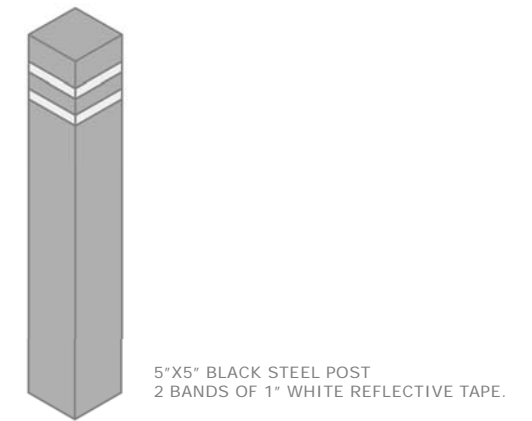
3 DTE - WAYFINDING GRAPHIC STAR PATTERN - HORIZONTAL

Scale: NTS

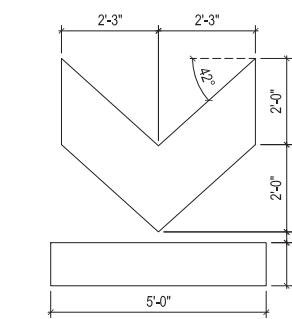


4 DTE - NON-ILLUMINATED BOLLARD

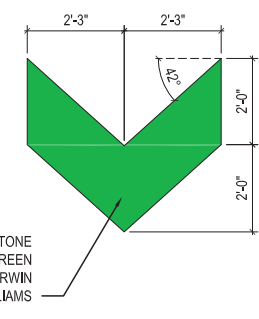
Scale: NTS



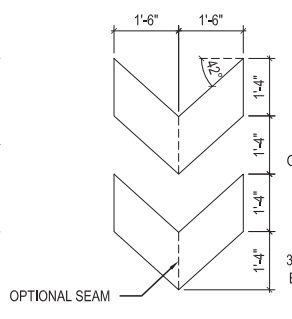
5"X5" BLACK STEEL POST
2 BANDS OF 1" WHITE REFLECTIVE TAPE.



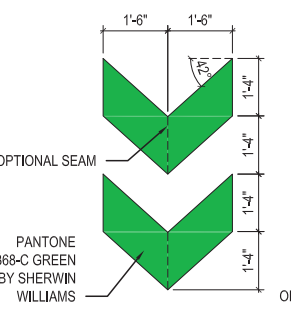
2 DTE-WAYFINDING GRAPHIC ARROW-EXIT



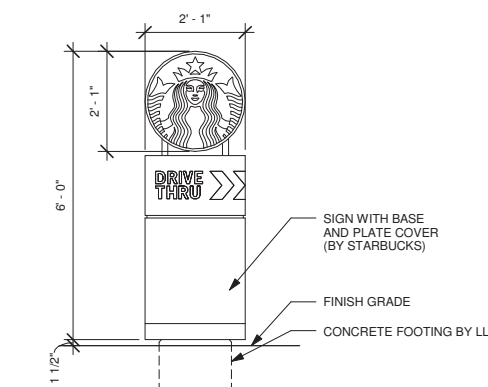
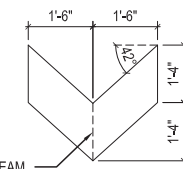
DTE-WAYFINDING GRAPHIC ARROW-ENTRY



DTE-WAYFINDING GRAPHIC ARROW-DOUBLE

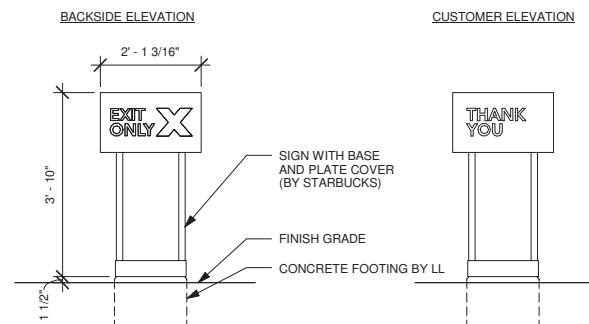


DTE-WAYFINDING GRAPHIC ARROW-SINGLE



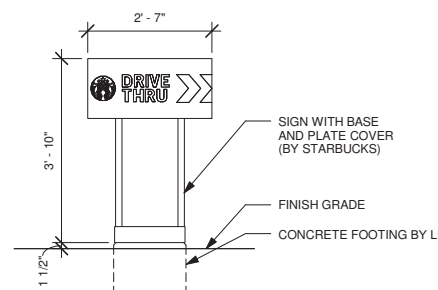
1a DTE - MONUMENT SIGN

Scale: NTS



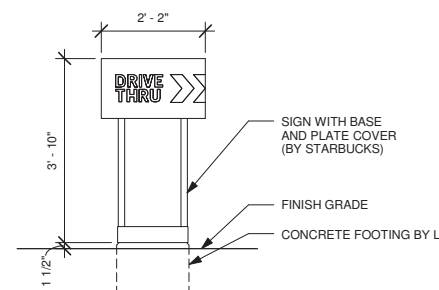
1b DTE - DIRECTIONAL SIGN

Scale: NTS



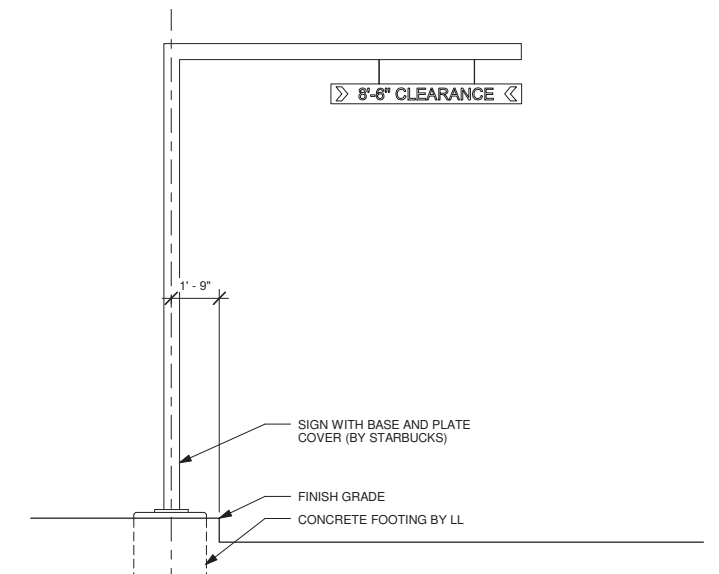
1c DTE - DIRECTIONAL SIGN WITH LOGO - ENTRY

Scale: NTS



1c DTE - DIRECTIONAL SIGN - ENTRY

Scale: NTS



1d DTE - CLEARANCE BAR

Scale: NTS

SITE SIGNAGE AND PAVEMENT GRAPHIC DETAILS





STARBUCKS COFFEE COMPANY
 2401 UTAH AVENUE SOUTH
 SEATTLE, WASHINGTON 98134
 (206) 318-1575

THESE DRAWINGS AND SPECIFICATIONS ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANY TIME), AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

ARCHITECT OF RECORD
 THIS DRAWING IS A DESIGN DEVELOPMENT DOCUMENT. SITE SPECIFIC MODIFICATIONS MADE UNDER THE RESPONSIBLE CHARGE OF THE ARCHITECT AND/OR ENGINEER-OF-RECORD WILL BE REQUIRED PRIOR TO USING THIS DOCUMENT FOR BIDDING, PERMITTING, OR CONSTRUCTION.

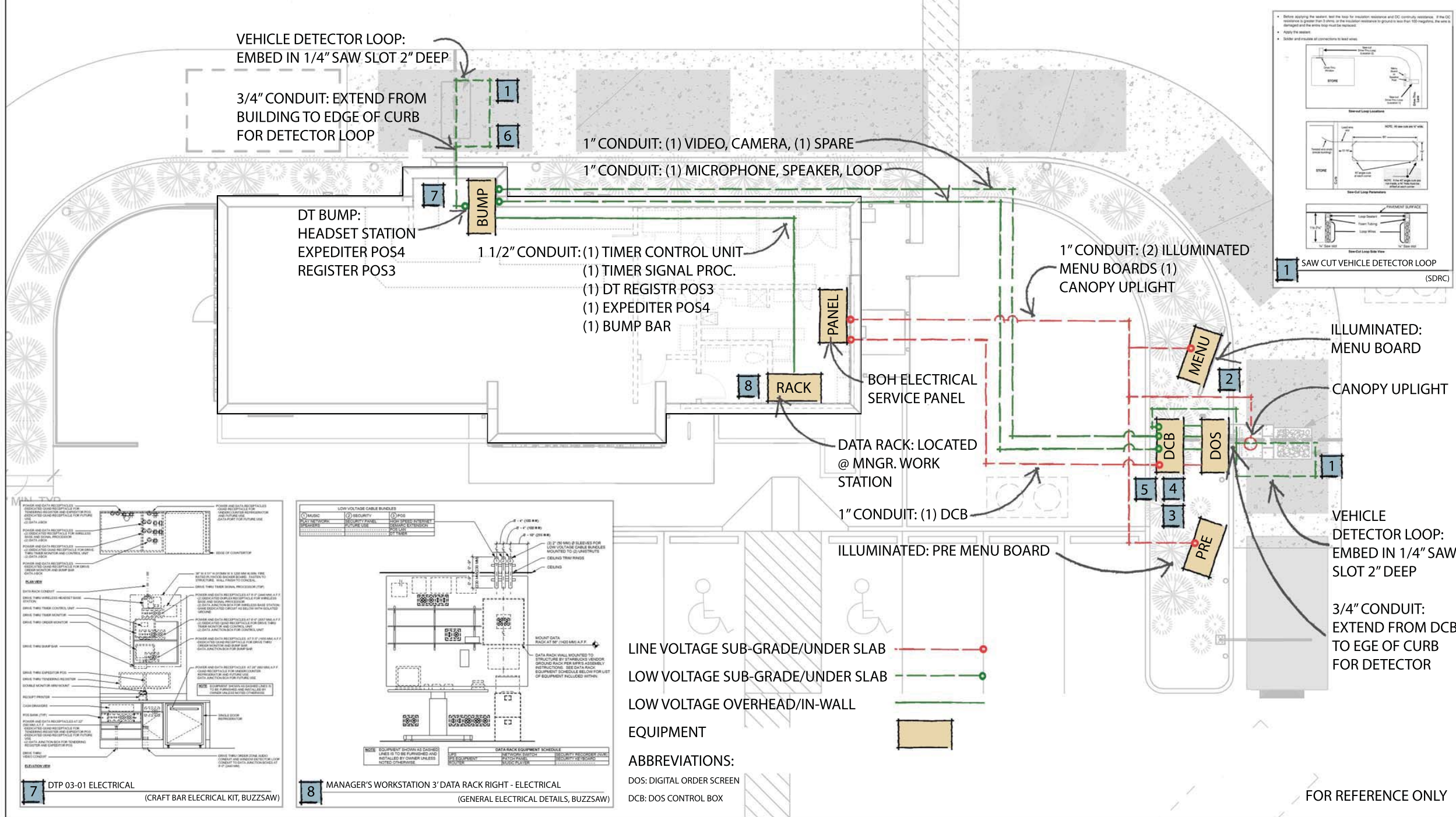
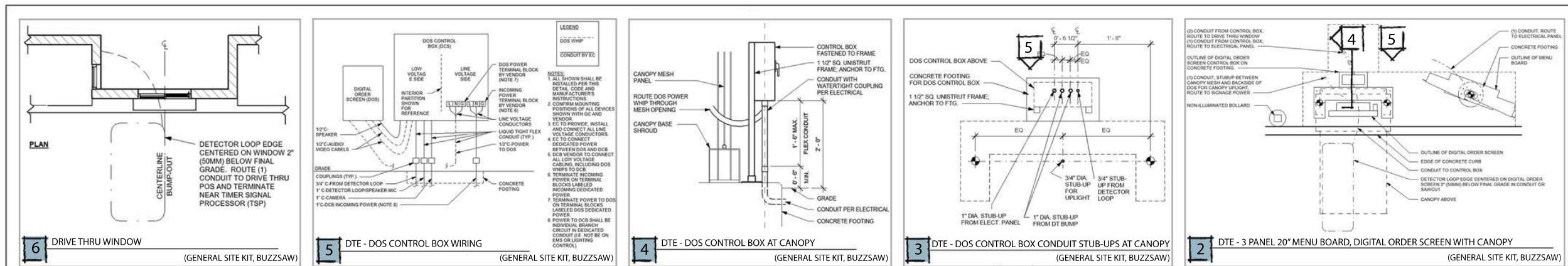
SCHEMATIC DIAGRAM - NOT INTENDED FOR CONSTRUCTION USE

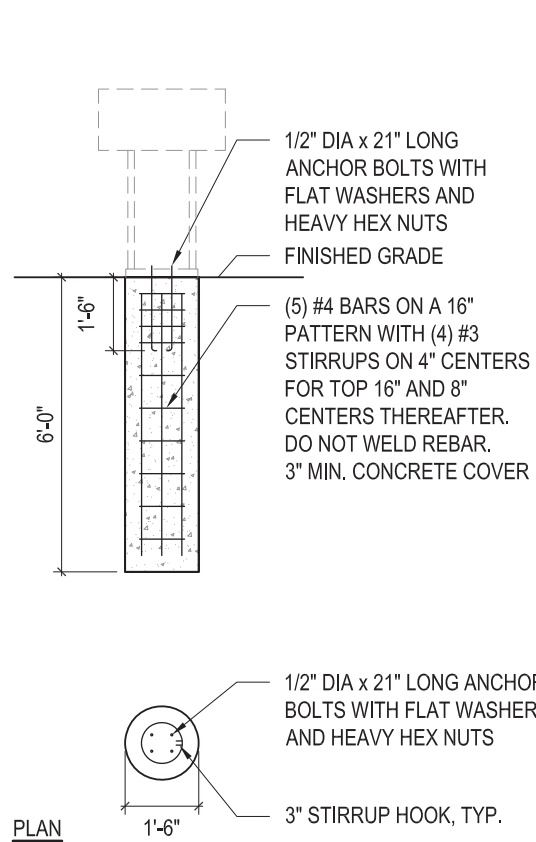
**DRIVE - THRU CONDUIT SCHEMATIC PLAN
 DESIGN & CONSTRUCTION STANDARDS**

ISSUE DATE: 9.18.2017

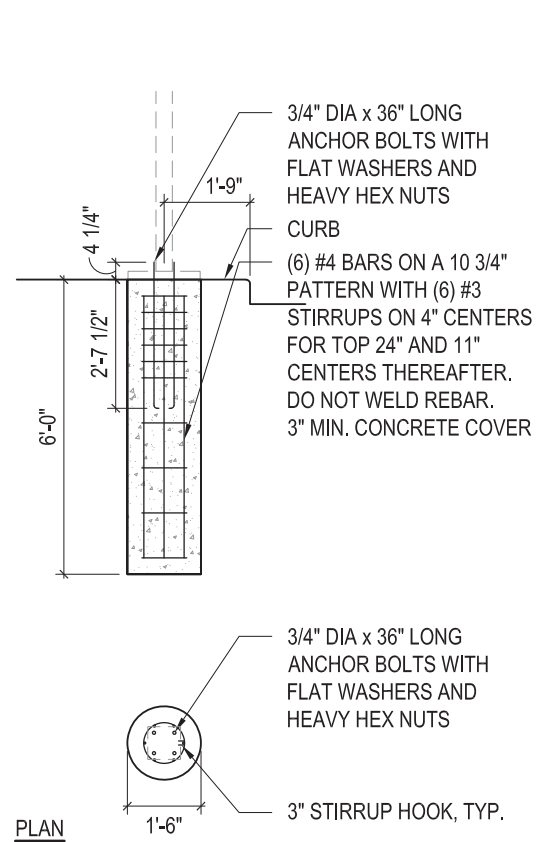
SHEET TITLE:

SHEET NUMBER:

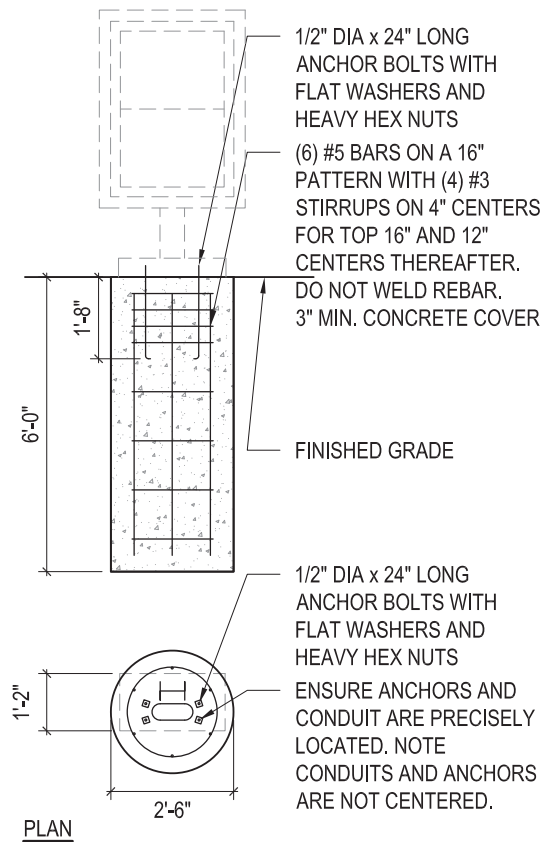




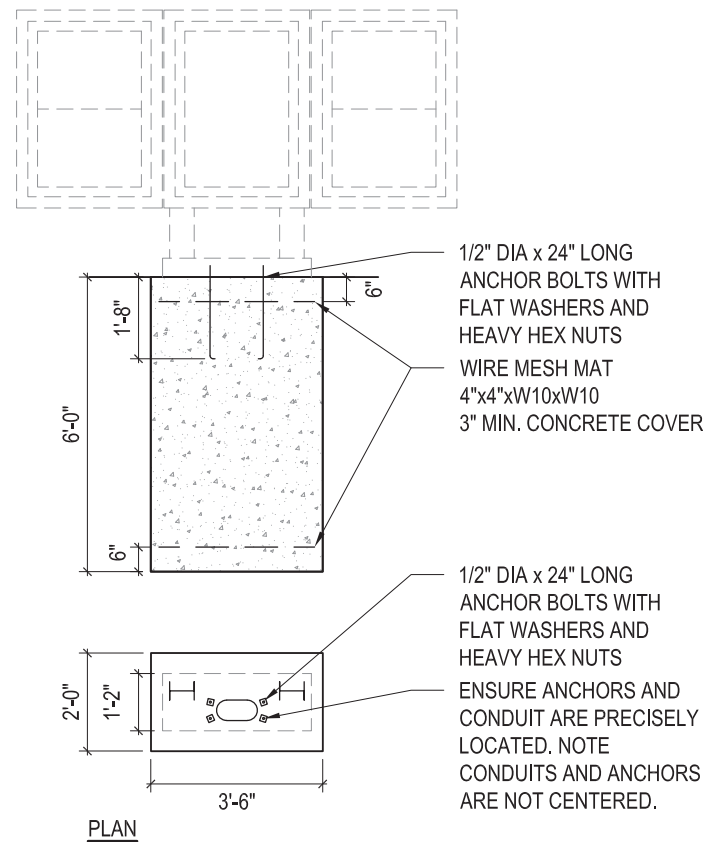
DTE- DIRECTIONAL SIGN FOOTING



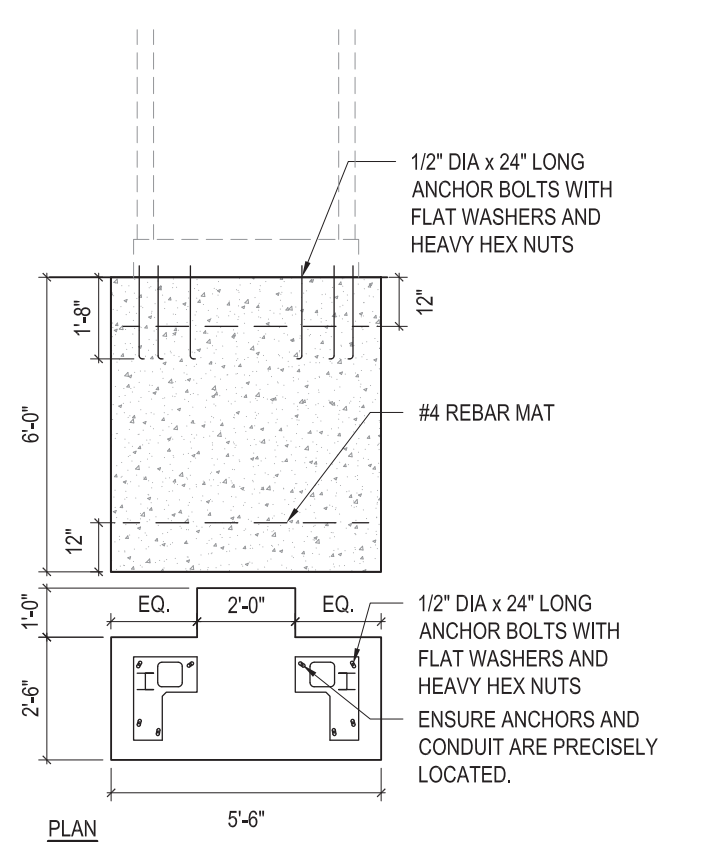
DTE- CLEARANCE BAR FOOTING



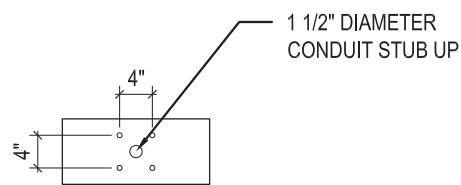
DTE- PRE-MENU BOARD FOOTING



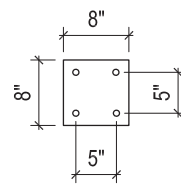
DTE- MENU BOARD FOOTING



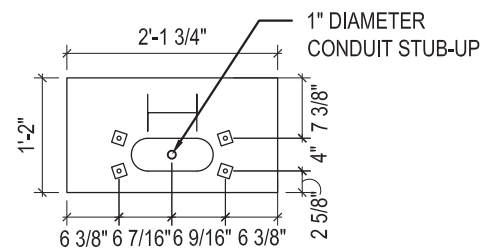
DTE- DOS CANOPY FOOTING



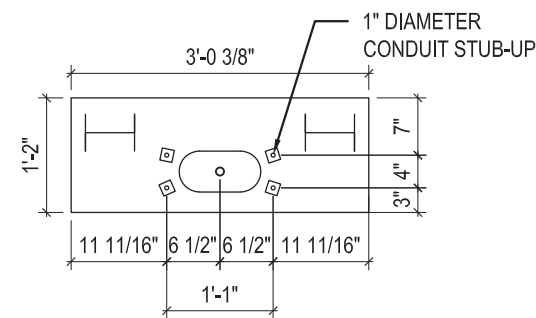
- ANCHOR BOLTS**
- QUANTITY 4 -1/2" X 21" -A36 GALVANIZED THREADED ROD
 - PLEASE INSURE ANCHORS ARE PRECISELY LAID OUT PER DIMENSIONS ABOVE.
 - LEAVE 3" PROJECTING
- CONDUIT**
- QUANTITY 1
 - LEAVE 4" PROJECTING



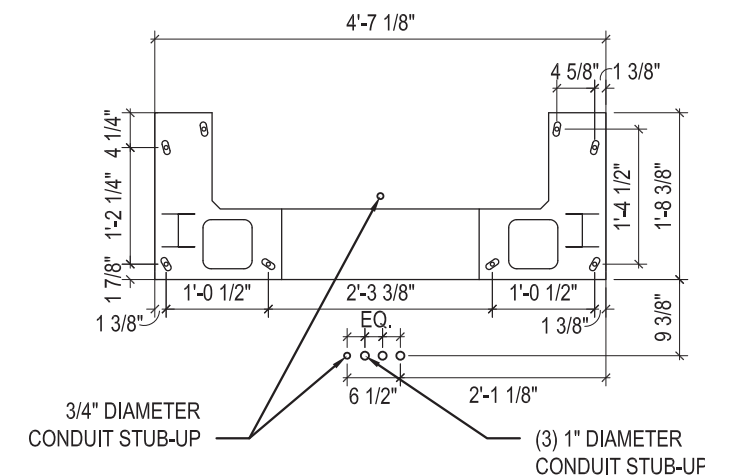
- ANCHOR BOLTS**
- QUANTITY 4 -3/4" X 36" -A36 GALVANIZED THREADED ROD
 - PLEASE INSURE ANCHORS ARE PRECISELY LAID OUT PER DIMENSIONS ABOVE.
 - LEAVE 4 1/2" PROJECTING



- ANCHOR BOLTS**
- QUANTITY 4 -1/2" X 24" -A36 GALVANIZED ANCHOR BOLTS
 - PLEASE INSURE ANCHORS ARE PRECISELY LAID OUT PER DIMENSIONS ABOVE.
 - NOTE THAT ANCHORS ARE NOT IN THE CENTER OF THE BASE PLATE.
 - LEAVE 4" PROJECTING
- CONDUIT**
- QUANTITY 1



- ANCHOR BOLTS**
- QUANTITY 4 -1/2" X 24" -A36 GALVANIZED ANCHOR BOLTS
 - PLEASE INSURE ANCHORS ARE PRECISELY LAID OUT PER DIMENSIONS ABOVE.
 - NOTE THAT ANCHORS ARE NOT IN THE CENTER OF THE BASE PLATE.
 - LEAVE 4" PROJECTING
- CONDUIT**
- QUANTITY 1



- ANCHOR BOLTS**
- QUANTITY 8 -1/2" X 24" -A36 GALVANIZED ANCHOR BOLTS
 - PLEASE INSURE ANCHORS ARE PRECISELY LAID OUT PER DIMENSIONS ABOVE.
 - LEAVE 4" PROJECTING
- CONDUIT**
- QUANTITY 2 -3/4"
 - QUANTITY 3 -1"

SITE SIGNAGE FOOTING DETAILS

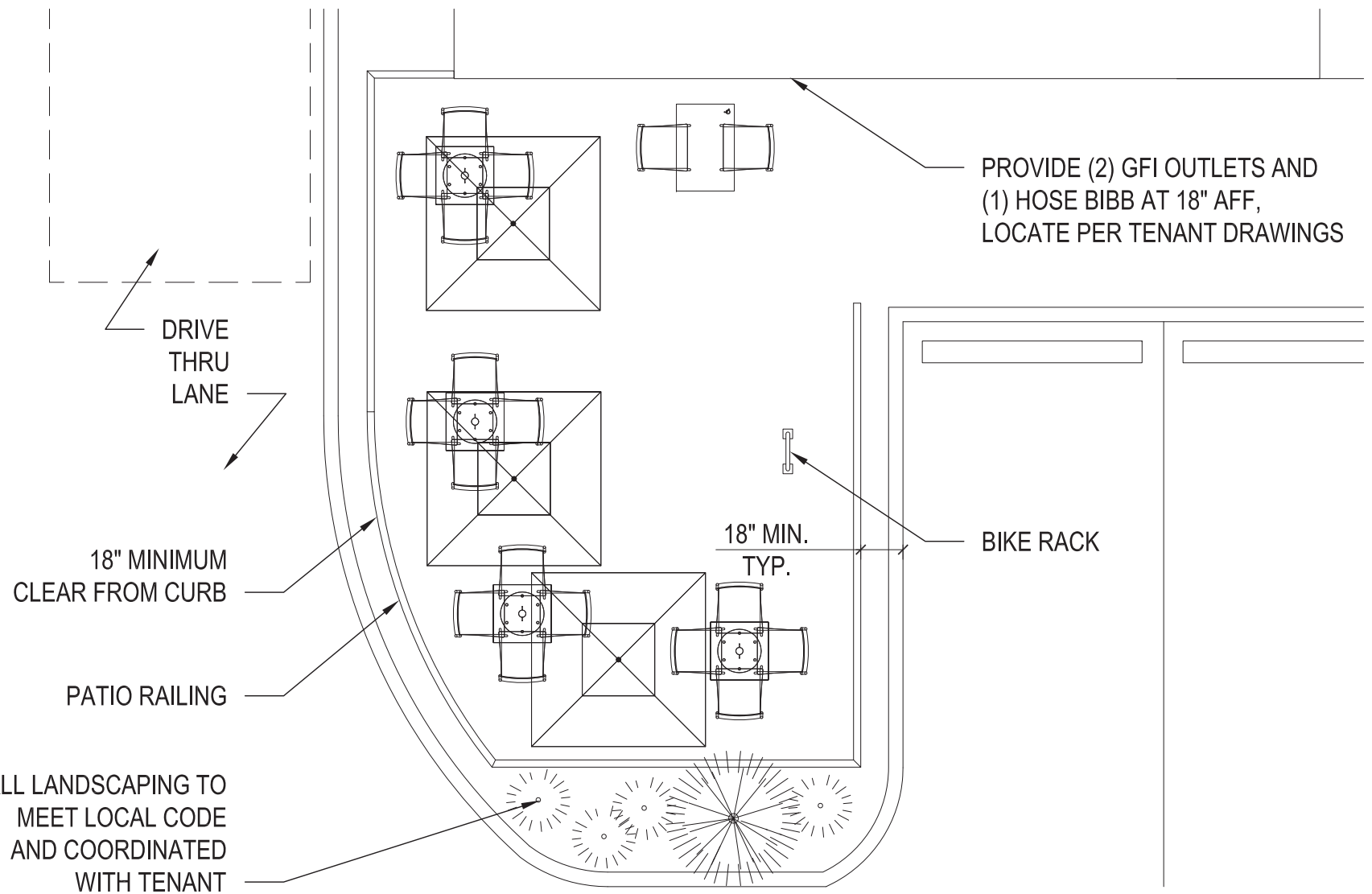
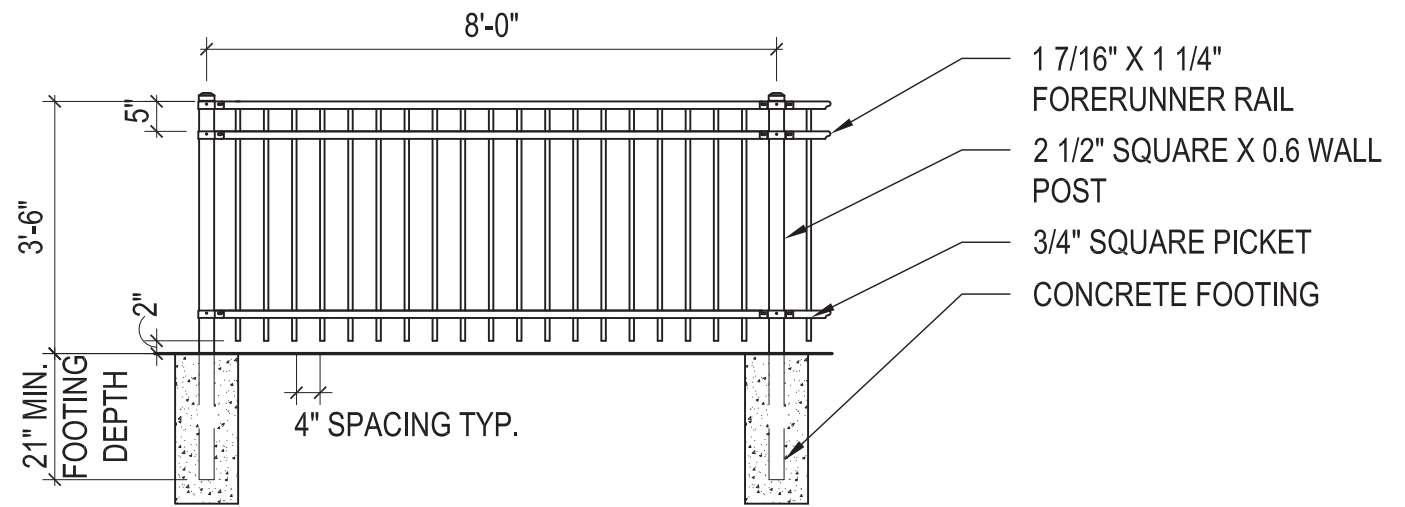




EXAMPLE PATIO RAILING PHOTOGRAPHS

PATIO RAILING
 MANUFACTURER: AMERISTAR FENCE
 STYLE: ECHELON PLUS 3/4 RAIL MAJESTIC PANEL
 HEIGHT: 42"
 FINISH: BLACK POWDER-COATED ALUMINUM

ENLARGED PATIO PLAN



- STAKE ALL TREES LESS THAN 1 1/2" CALIPER
- TREES ARE NOT TO BLOCK BUILDING OR DIRECTIONAL SIGNAGE
- NO BARK MULCH, STRAW OR FLAMMABLE BED FILL
- PROVIDE LANDSCAPE PLAN FOR APPROVAL

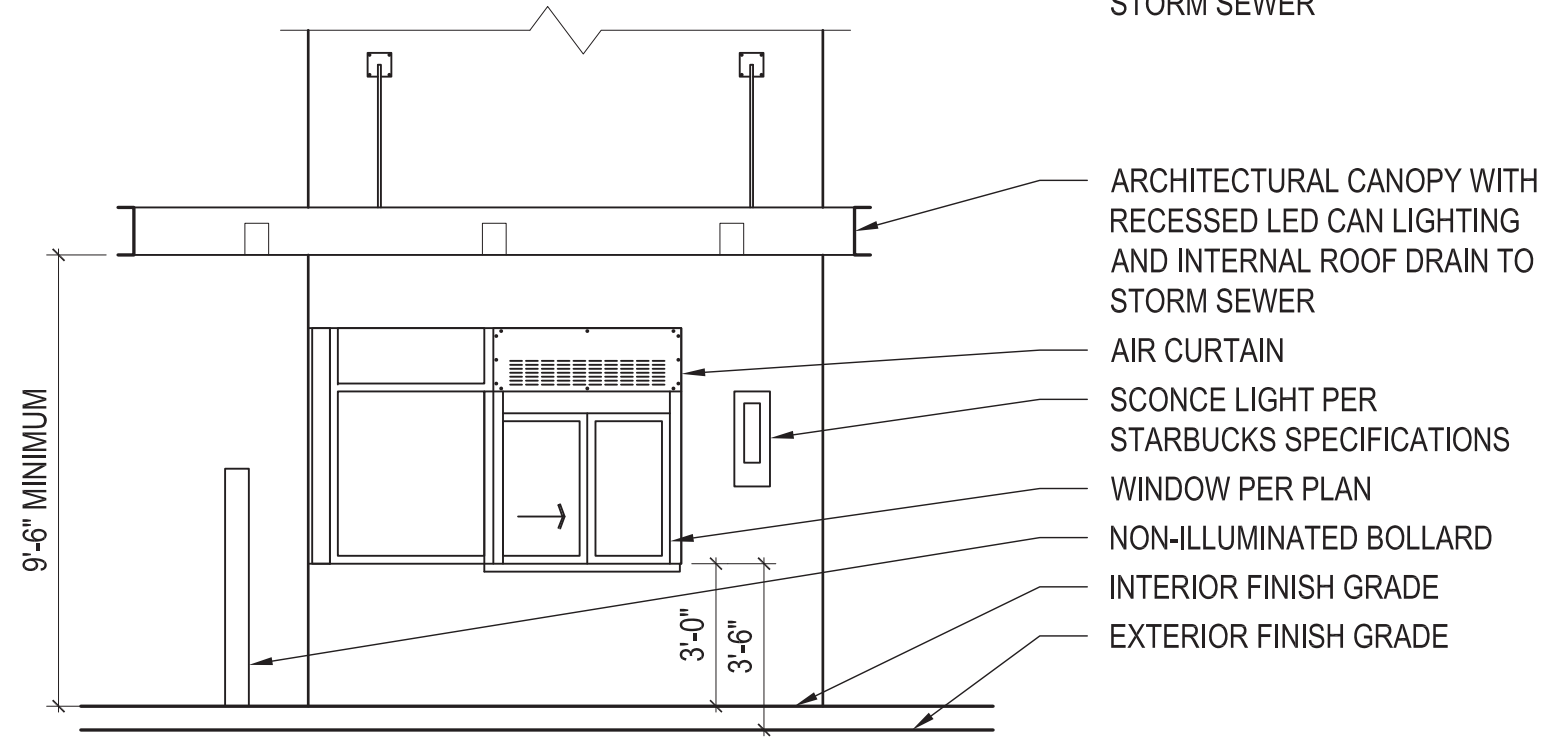
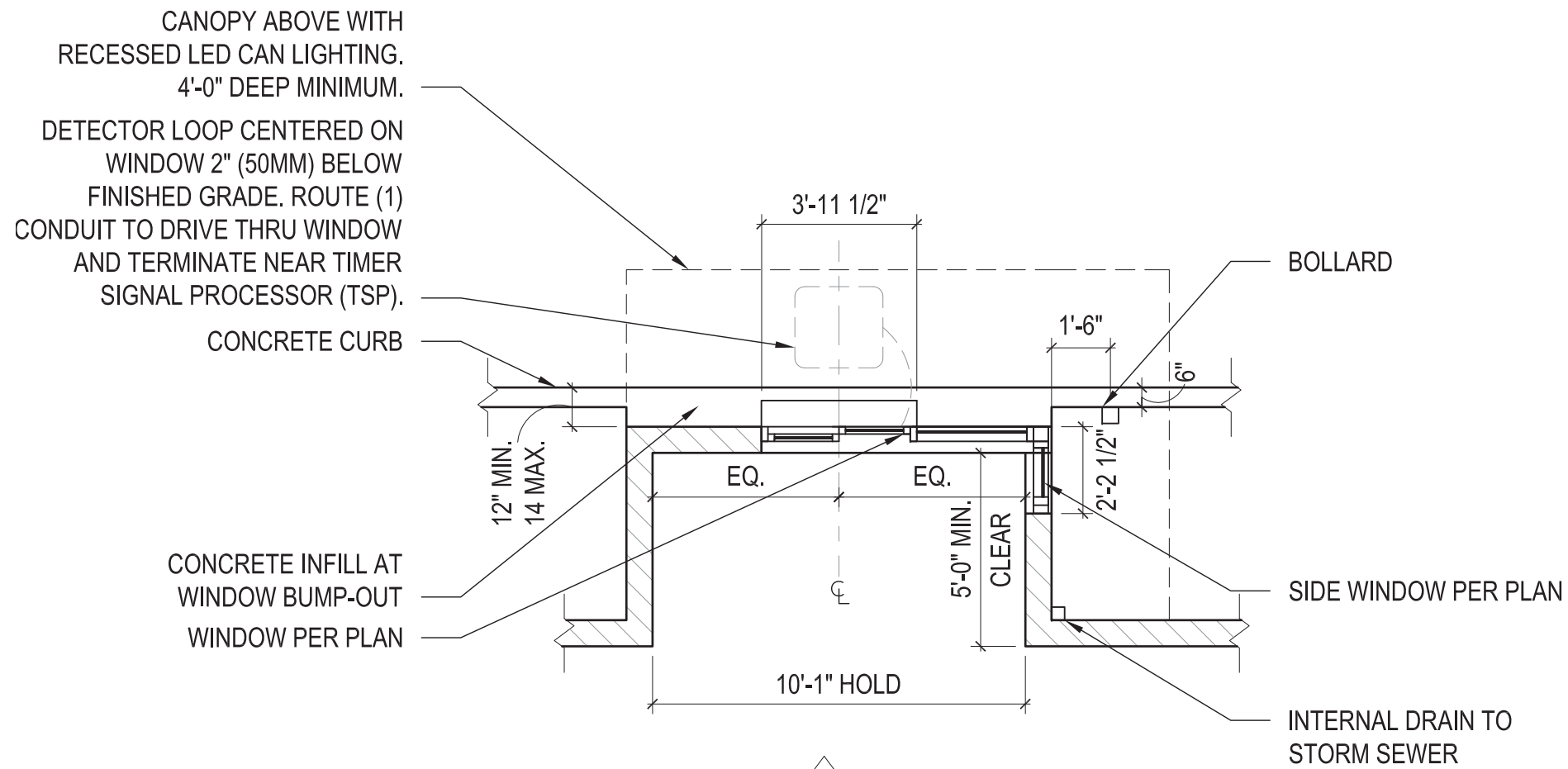


INCORRECT

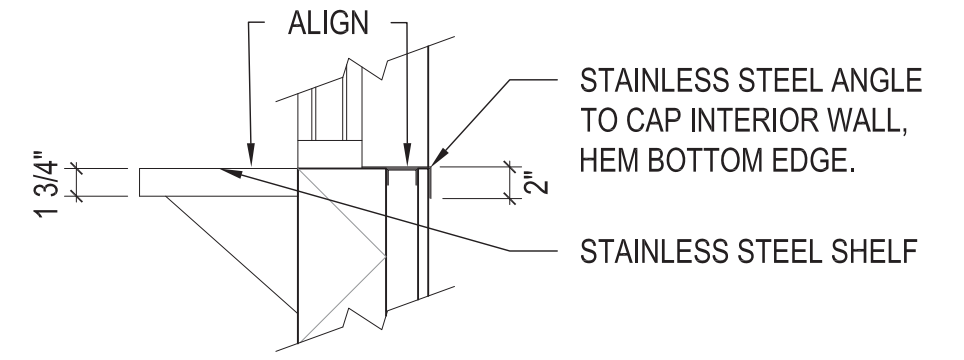
CORRECT

LANDSCAPE EXAMPLES

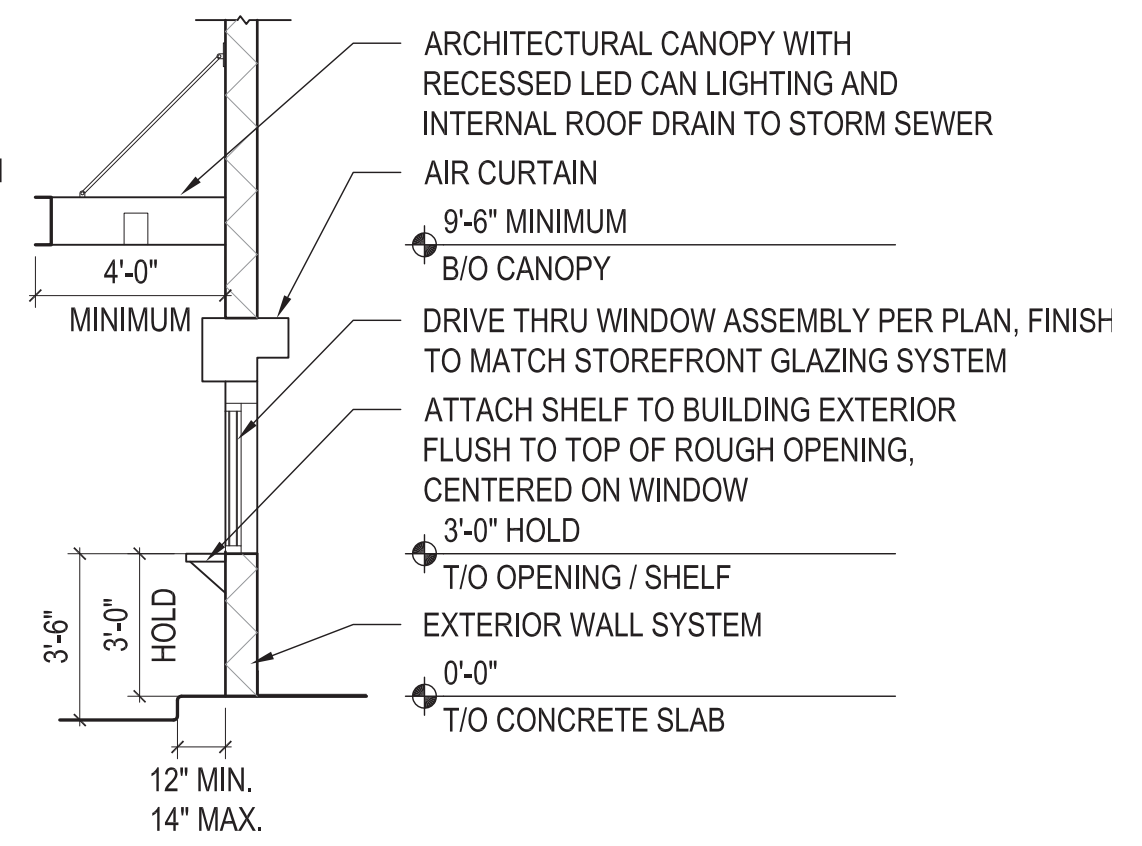




1 DTE - DRIVE THRU WINDOW BUMP-OUT



3 DRIVE THRU SHELF



2 DRIVE THRU WINDOW

BUILDING DRIVE-THRU BUMP OUT DETAILS





THE ACCESS AIR 300 PASS-THRU AIR CURTAIN SYSTEM™

For use with the 275 Single Panel Window

The Ready Access AA300 Pass-Thru Air Curtain System is designed to be an integral part of your drive-thru operation by providing comfort for both operator and customer during the coldest of days as well as satisfying health department codes for fly fan application.

FINISH TO MATCH STOREFRONT GLAZING SYSTEM



- Modes of Operation**
 The Ready Access AA300 Pass-thru Air Curtain System is versatile in function and design, offering operators four separate modes of operation.
 - * Outside warm air flow only
 - * Inside warm air flow only
 - * Both outside and inside warm air flow
 - * Outside fly fan operation only
- Features and Benefits**
 Satisfies health department requirements for "Fly Fan" applications while it reduces and deflects the amount of outside wind blowing into the building. This also reduces heating and air-conditioning loss as well as reducing unwanted environment factors such as dust and exhaust fumes from entering the building. Acts as a fly fan to deter insects from entering the building during warm weather conditions. Provides the owner/operator with a stable, comfortable working environment for all crew members. Reduces Drive-Thru operation expenses by diminishing employee turnover.
- Unique Design**
 The AA300 Air Curtain System is the only system on the market today that offers an outside and inside heated air flow. It is designed for use with any flushmount window.

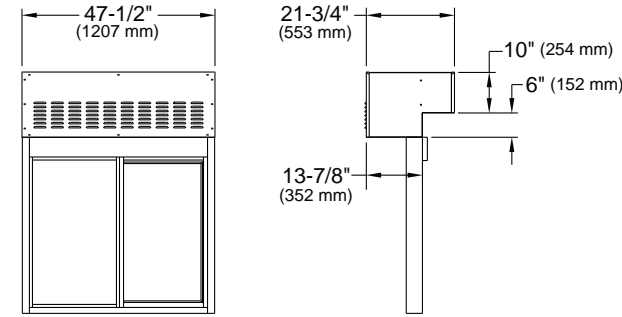
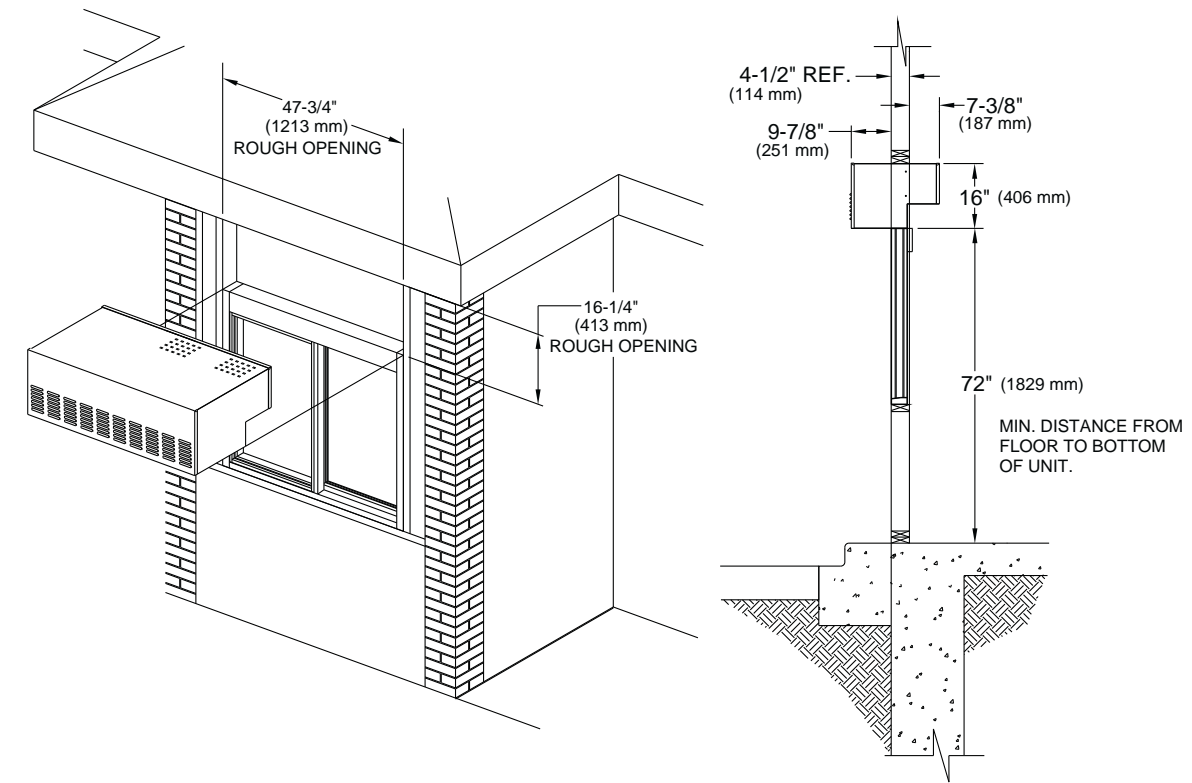
- Quality Construction**
 The exterior housing of the AA300 Air Curtain System is manufactured using bronze or clear anodized aluminum.
- Fully Assembled, Ready to Install**
 The Access Air 300 system is shipped completely pre-assembled and ready for installation, lowering installation costs. Normal installation for new store construction takes less than two hours.
- Warranty and Service Support**
 Your Access Air 300 System comes with a one year limited warranty on parts and labor. In addition, each Pass-Thru Air Curtain System is backed by a worldwide service organization.
- AVAILABLE OPTIONS**
 Power coat painting is available upon request for a wide range of custom colors.

1815 Arthur Drive, West Chicago, Illinois 60185 - Direct (630) 876-7766 - Toll Free (800) 621-5045 - Fax (630) 876-7767
 E-mail: ready@ready-access.com - Web site: www.ready-access.com - Members: CSI, NRA, NAFEM, CFESA

ARRIVES READY FOR INSTALLATION

Your Ready Access window is shipped completely assembled and ready for installation. Comes with instructions.

AA300 - 275 PASS-THRU AIR CURTAIN SYSTEM



- UNIT SPECIFICATIONS:**
- * 208/240 VOLTS
 - * 7100 HEATER WATTS
 - * 32 ACTUAL UNIT AMPS
 - * 1 (SINGLE) PHASE
 - * 60 HZ
 - * 600 FPM AIR VELOCITY

Window must be installed square and plumb.
 Installation illustrations are for reference only. Construction and local codes will determine proper installation of window.
 Contact Ready Access for more information on installation.



1815 Arthur Drive, West Chicago, Illinois 60185 - Direct (630) 876-7766 - Toll Free (800) 621-5045 - Fax (630) 876-7767
 E-mail: ready@ready-access.com - Web site: www.ready-access.com - Members: CSI, NRA, NAFEM, CFESA

022502-A-300275

DRIVE-THRU WINDOW SPECIFICATION - PREFERRED



What the BEST DRESSED

Drive-thru is Wearing



275 SINGLE PANEL SLIDER SERIES

For retail operators who want to get an edge on their competition by offering customers convenient, face-to-face service, the 275 Single Panel Slider is perfect. Ideal for fast food, walk-up service, and many other applications.

PRODUCT DESCRIPTIONS

4 Standard Sizes Available

- 47 1/2"W x 43 1/2"H with a 19" wide x 36" high service opening
- 47 1/2"W x 35 3/4"H with a 19" wide x 28" high service opening
- 47 1/2"W x 35 3/4"H with a 15" wide x 28" high service opening
- 35 3/4"W x 35 3/4"H with a 14" wide x 28" high service opening (SC / MOER)
- Passes California restricted opening requirements of 432 square inches.

3 Modes of Operation

- 275 Manual Open/Self Closing

So simple to operate, the service door opens effortlessly and automatically slides shut when operator releases the handle.

- 275 M.O.E.R. (Manual Open/Electronic Release)

The 275 Manual Open/Electronic Release Window has a manual open, self closing operation which electro-magnetically holds the window open until the operator finishes their transaction and steps out of the presence sensor. This unit is field adjustable to the length of time the window will stay open.

- 275 Electric

With a hands-free operation the 275 Electric Window is ideal for heavy traffic situations. It provides easier operation and speedier service than the manual operating windows. This unit is field adjustable to the length of time the window will stay open.

Quality Construction

Anodized aluminum extrusions, stainless steel and 1/4" tempered glass combine to give you an attractive window that not only enhances building exteriors, it will not rust, pit or weather. Track free bottom sill provides for a contaminant free surface.

Triple Security Locks

The 275 automatically locks each time the window closes, providing security when the window is left unattended. When the drive-thru is closed, thumbturn & night security bar helps prevent outside entry. In high risk locations, an optional security bar set is available.

FINISH TO MATCH STOREFRONT GLAZING SYSTEM



Fully Assembled, Ready to Install

Ready Access windows are shipped completely preassembled, and fully glazed for lower installation costs. Normal installation takes less than two hours.

Unique Design

Bottom sill is angled downward to provide protection against the elements such as rain, sleet, and snow.

Warranty and Service Support

Your Ready Access window comes with a one year limited warranty on parts and labor. Each window is backed by a worldwide service organization.

STANDARD OPTIONS

The 275 series window is available in statuary bronze, or clear anodized aluminum.

A retrofit kit is available for the 275 Self Closer that easily upgrades the window from a manual operation to a MOER or fully automatic electric operation.

Right to left or left to right opening available (as seen from outside view).

For non food service applications window can be made manual open / manual close.

CUSTOM OPTIONS

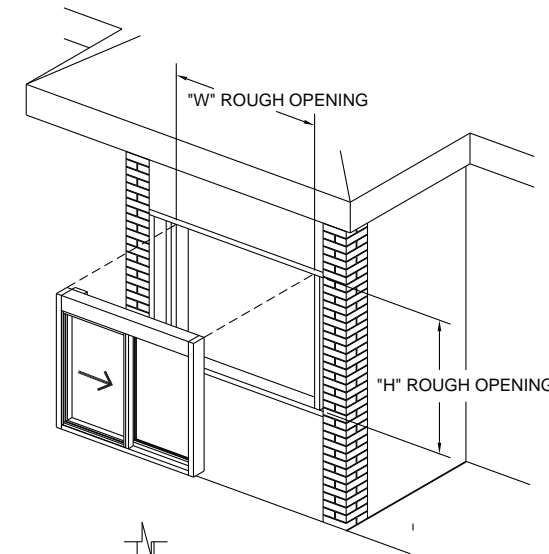
Custom sizes are available to satisfy any unusual operations requirement or health department code. Tinted glass is available upon request. Powder coat painting is available in a wide range of custom colors.

1815 Arthur Drive, West Chicago, Illinois 60185 - Direct (630) 876-7766 - Toll Free (800) 621-5045 - Fax (630) 876-7767
E-mail: ready@ready-access.com - Web site: www.ready-access.com - Members: CSI, NRA, FEDA, NAFEM, CRA

ARRIVES READY FOR INSTALLATION

Your Ready Access window is shipped completely assembled and ready for installation. Comes with instructions.

275 SERIES



275 - 47-1/2"W x 43-1/2"H

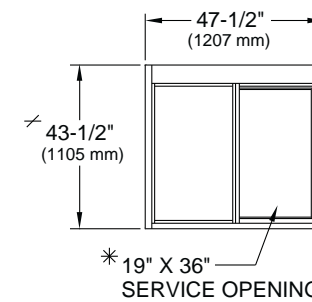
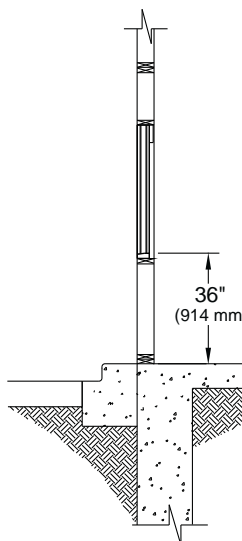
Glazing Rough Opening =
47-3/4"W (1213 mm) x 43-3/4"H (1111 mm)
Masonry Rough Opening =
48"W (1219 mm) x 44"H (1118 mm)

275 - 47-1/2"W x 35-3/4"H

Glazing Rough Opening =
47-3/4"W (1213 mm) x 36"H (914 mm)
Masonry Rough Opening =
48"W (1219 mm) x 36-1/4"H (921 mm)

275 - 35-3/4"W x 35-3/4"H

Glazing Rough Opening =
36"W (914 mm) x 36"H (914 mm)
Masonry Rough Opening =
36-1/4"W (921 mm) x 36-1/4"W (921 mm)



ELECTRICAL REQUIREMENTS

USA (DOMESTIC) : 115 vac - 60 Hz WITH A 15 amp BRANCH CIRCUIT
INTERNATIONAL : 220/240 vac - 50/60 Hz WITH A MAX. 8 amp BRANCH CIRCUIT

* TWO STANDARD WINDOW HEIGHTS

43-1/2" H WITH 19"W x 36"H SERVICE
35-3/4" H WITH 19"W x 28"H + 15"W x 28"H SERVICE

FOR FULLY AUTOMATIC ELECTRIC UNIT

POWER HOOK-UP INSIDE OF HEADER

PRESENCE SENSOR

BOTH SIDE FRAMES ARE HOLLOW FOR ELECTRICAL ACCESS FROM EACH CORNER LEADING TO THE HEADER.

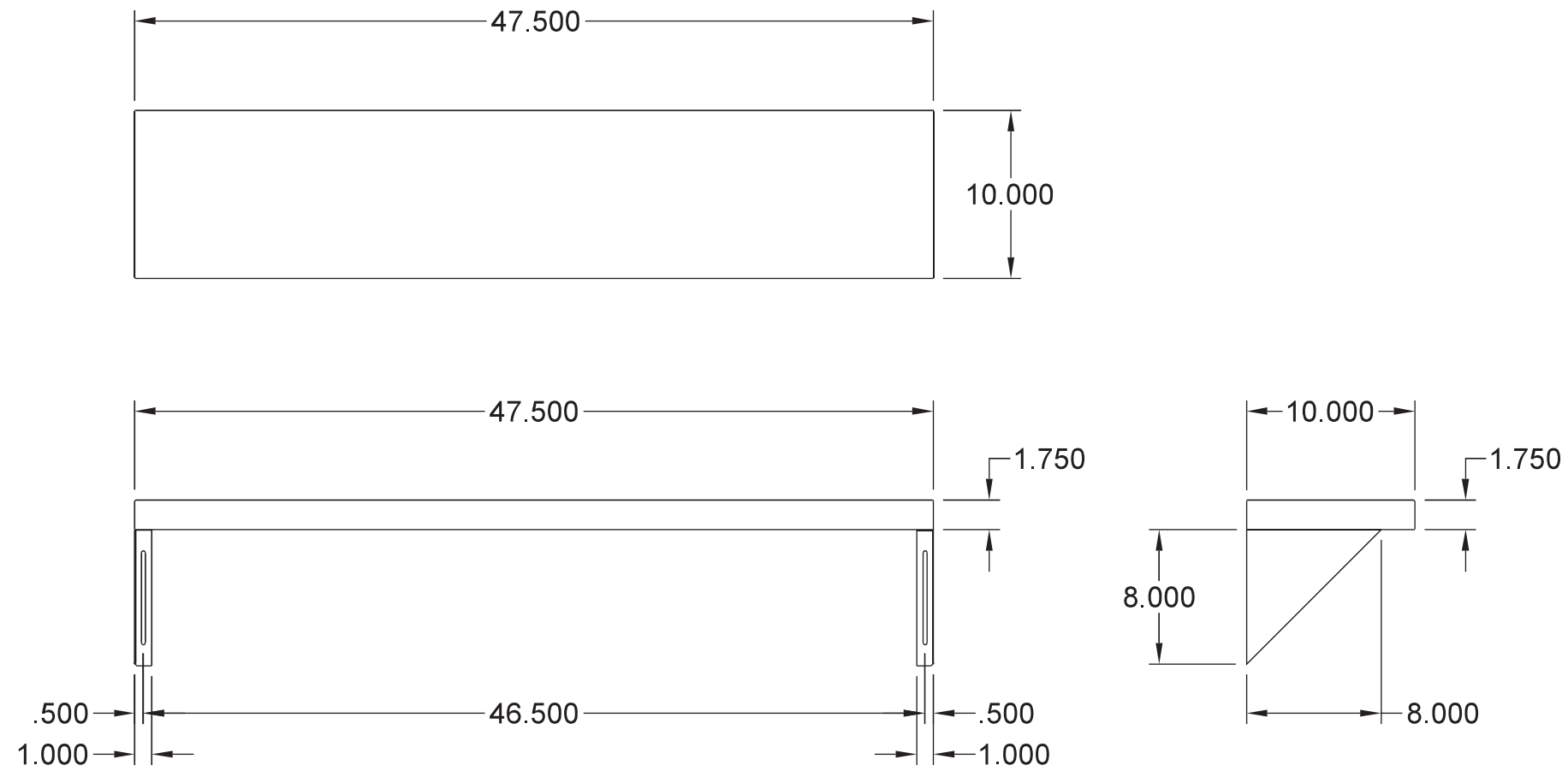


1815 Arthur Drive, West Chicago, Illinois 60185 - Direct (630) 876-7766 - Toll Free (800) 621-5045 - Fax (630) 876-7767
E-mail: ready@ready-access.com - Web site: www.ready-access.com - Members: CSI, NRA, NAFEM, CFESA


022502-275

DRIVE-THRU WINDOW SPECIFICATION - TRADE DOWN



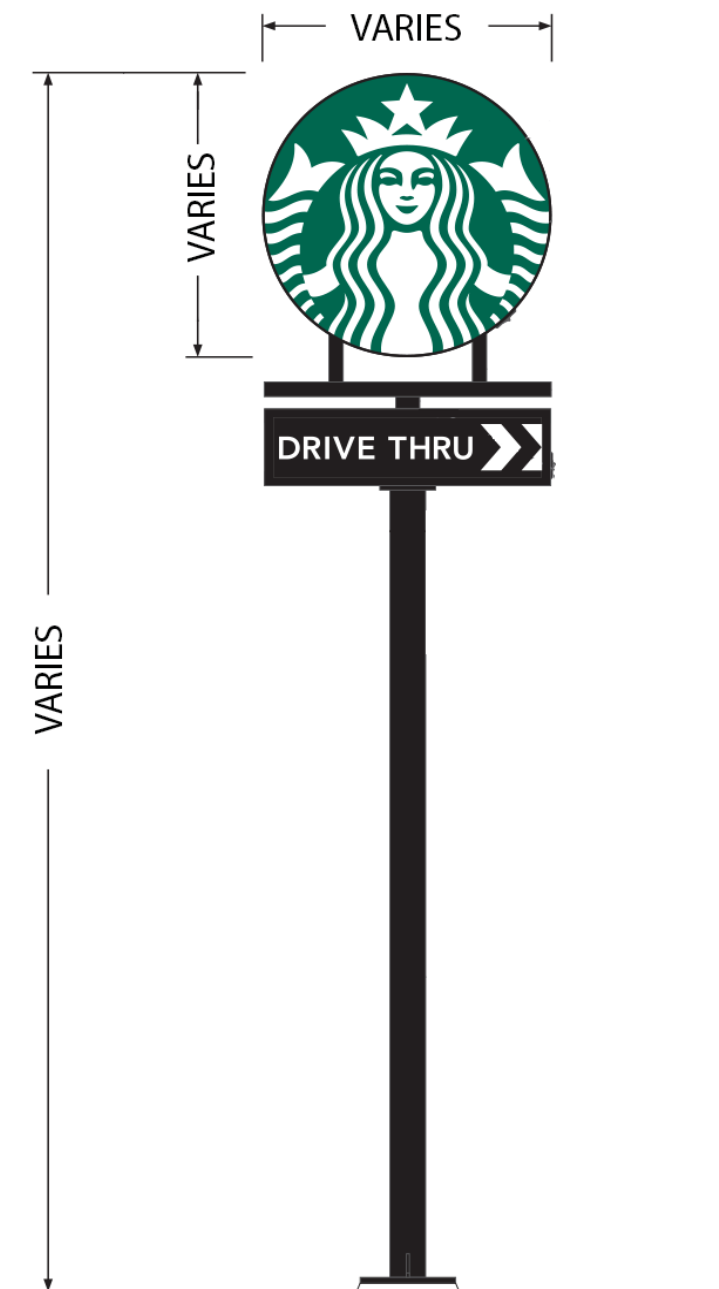


MODEL 275 SHELF

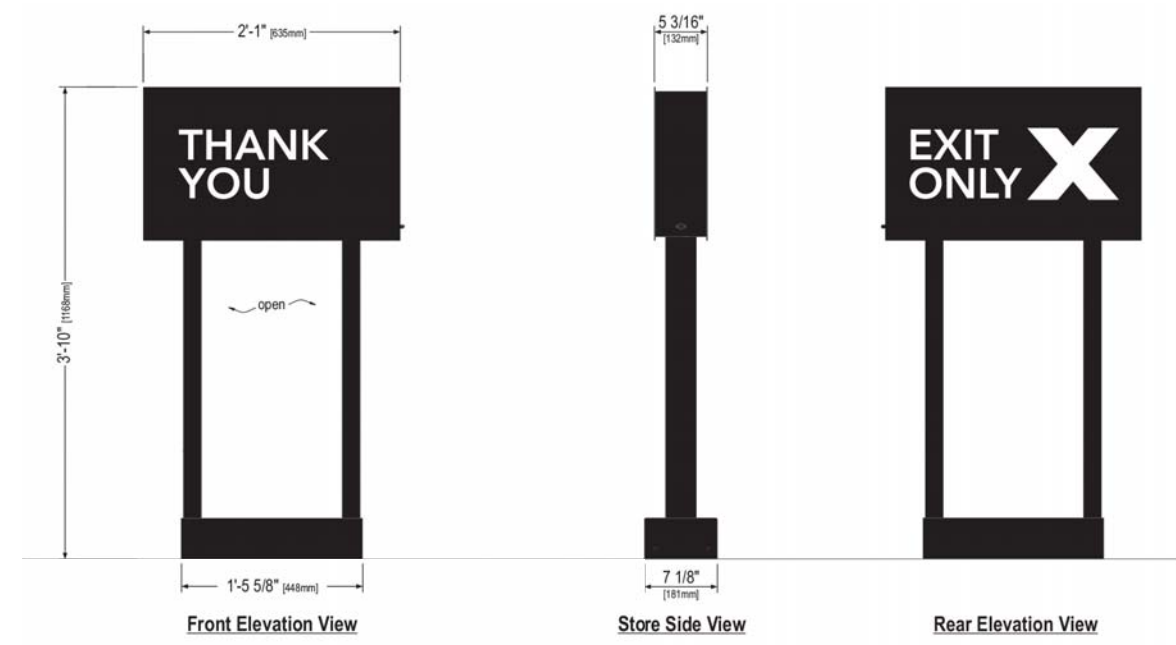
WORK TO DIMENSIONS-DO NOT SCALE TOL. UNLESS SPECIFIED XXXX TOL. NOT REQ'D TOL. CLASS ± .030 ANGULAR TOL. ± 1°	USED IN PRODUCTS: 275	DESIGN BY: PFB DATE: 5.19.06	MATERIAL: MATERIAL SPEC: 302 STAINLESS STEEL	 <small>1815 Arthur Drive West Chicago, Illinois 60185 • 800-821-5045 • 630-876-7766 • Fax 630-876-7767</small>
	REVISION: A REVISION DATE: 5.19.06	DRAWN BY: PFB DATE: 5.19.06	GAUGE:	
	LATEST REVISION NOTE: REV A=SPEC SHELF		DESCRIPTION: 275 SHELF	
			PART. NO.:	

DRIVE-THRU WINDOW SHELF CUT SHEET

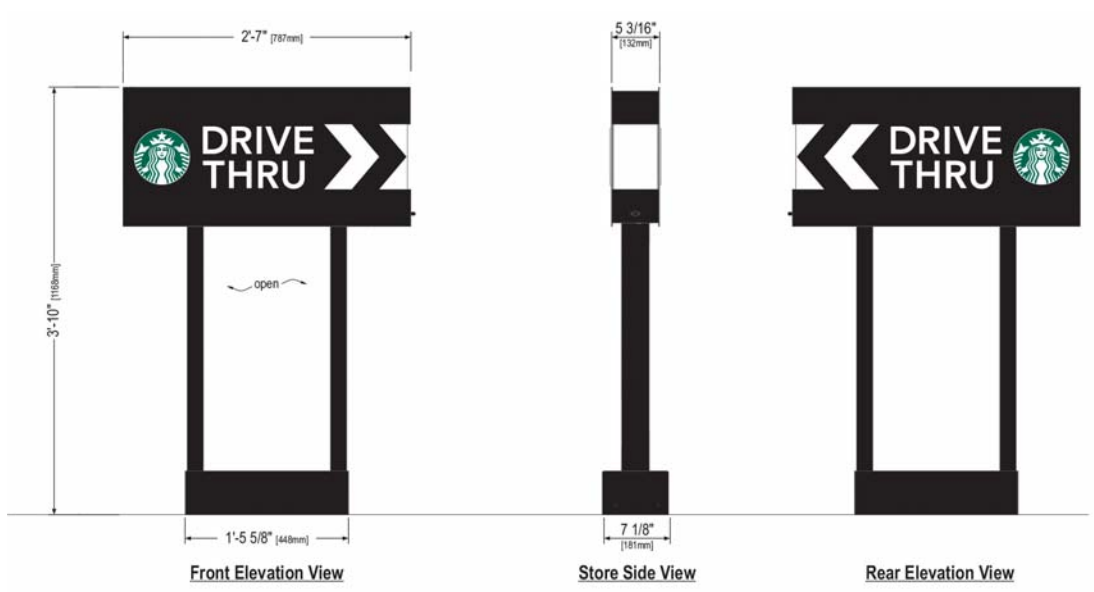




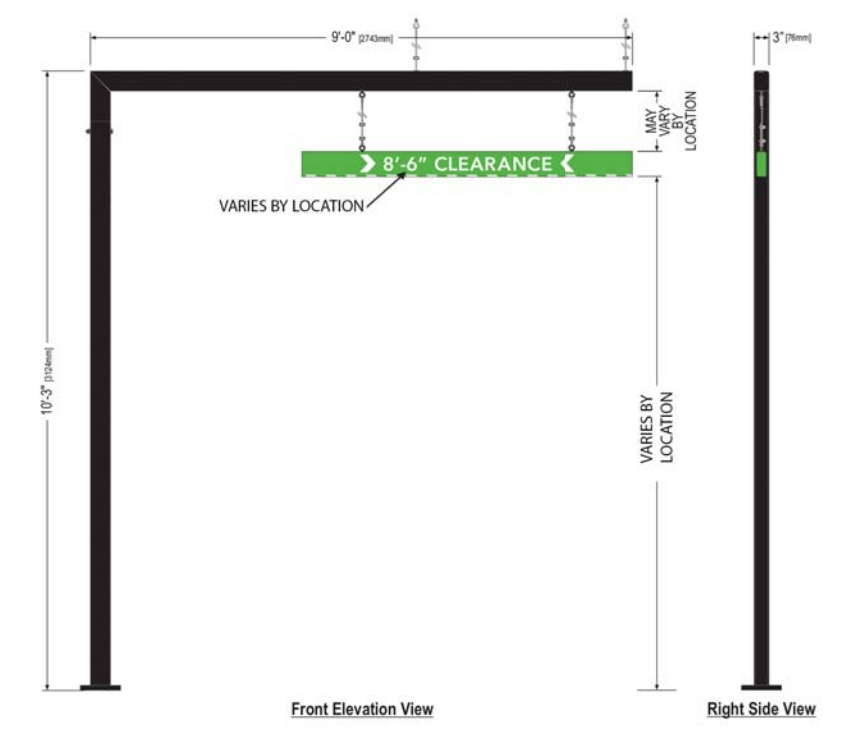
A PYLON SIGN



B DRIVE THRU DIRECTIONAL SIGNAGE



C DRIVE THRU DIRECTIONAL WAYFINDING SIGNAGE



D CLEARANCE BAR: NON-ILLUMINATED



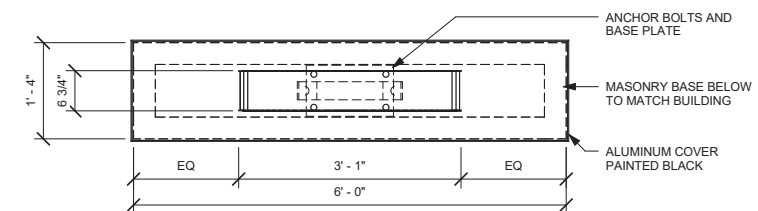
E DRIVE THRU MONUMENT SIGNAGE (CAN BE MODIFIED)

EXAMPLE ILLUMINATED BRAND SIGNAGE





ELEVATION



PLAN



ISOMETRIC VIEW



EXAMPLE BRAND SIGNAGE - MONUMENT SIGN PANEL

NOTE: LAYOUTS AND PROPORTIONS ARE FOR DESIGN INTENT ONLY.





A EVOLVE LOGO DISK FLUSH MOUNTED



B DRIVE THRU CABINET FLUSH MOUNTED.

STARBUCKS COFFEE

STARBUCKS COFFEE

C INLINE WORDMARK FLUSH MOUNTED (COLOR SELECTION DEPENDS ON BUILDING MATERIALITY)

**STARBUCKS
COFFEE**

STARBUCKS
COFFEE

D STACKED WORDMARK FLUSH MOUNTED (COLOR SELECTION DEPENDS ON BUILDING MATERIALITY)

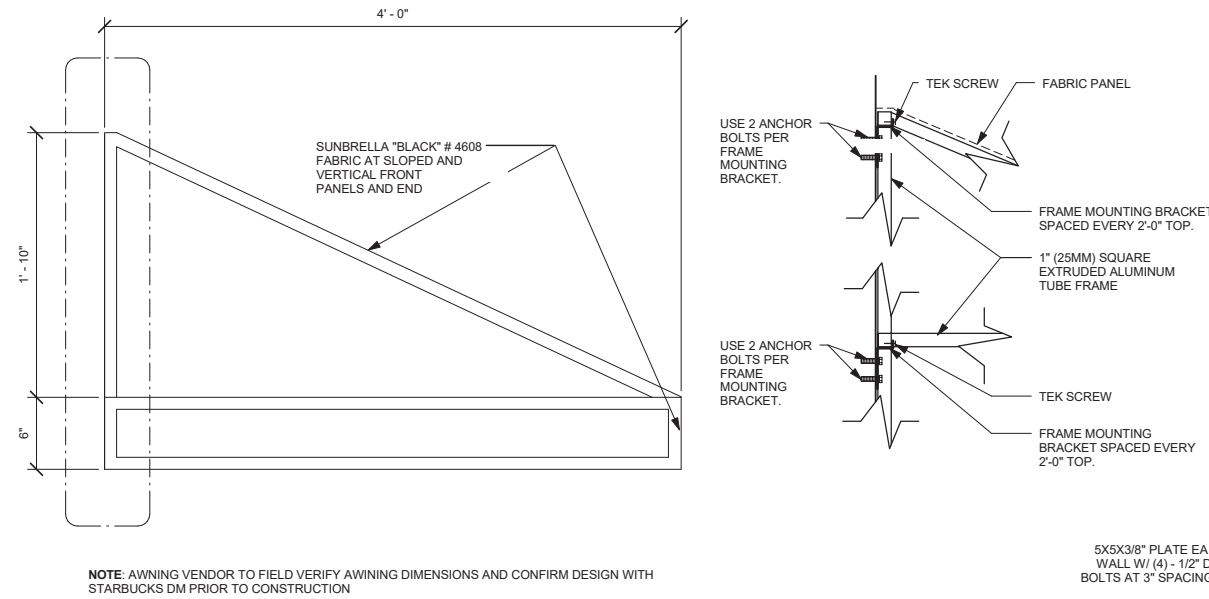
EXAMPLE ILLUMINATED BRAND SIGNAGE - BUILDING SIGNAGE



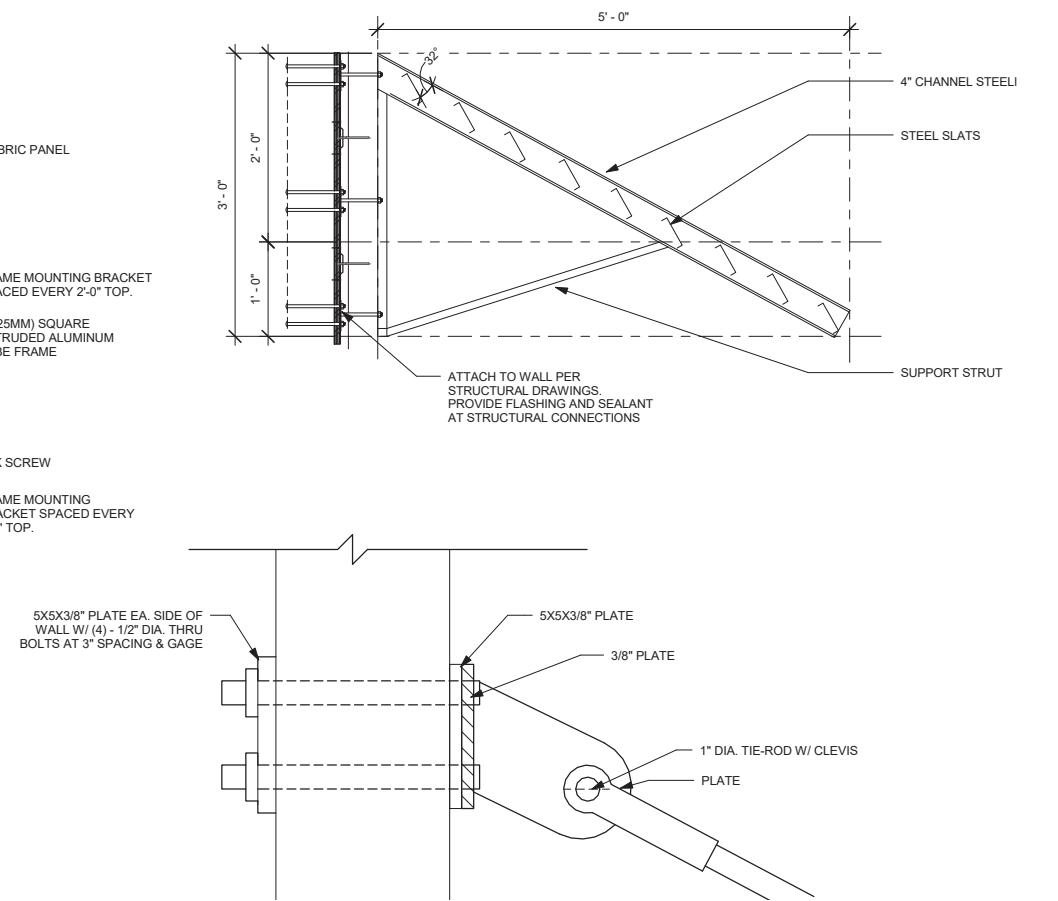
**1 FABRIC AWNING SPECIFICATION:
BLACK - SUNBRELLA BLACK #4608**



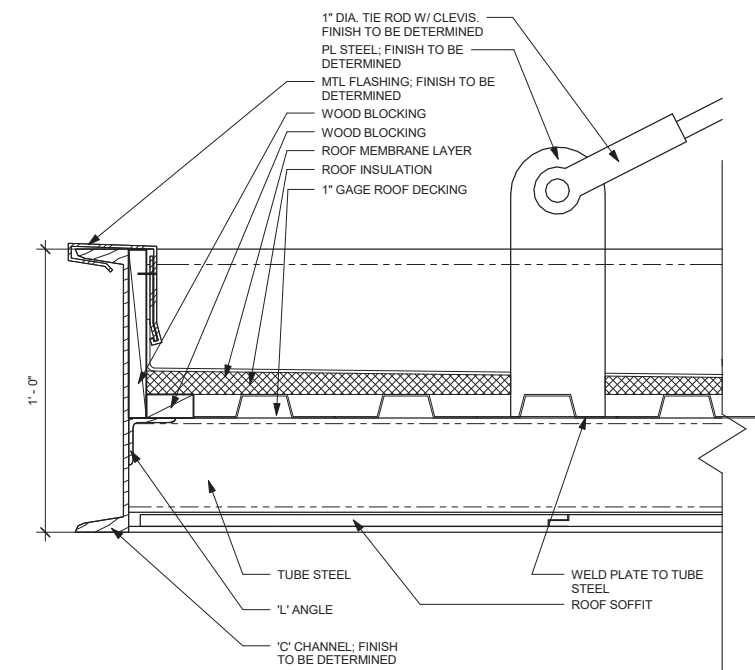
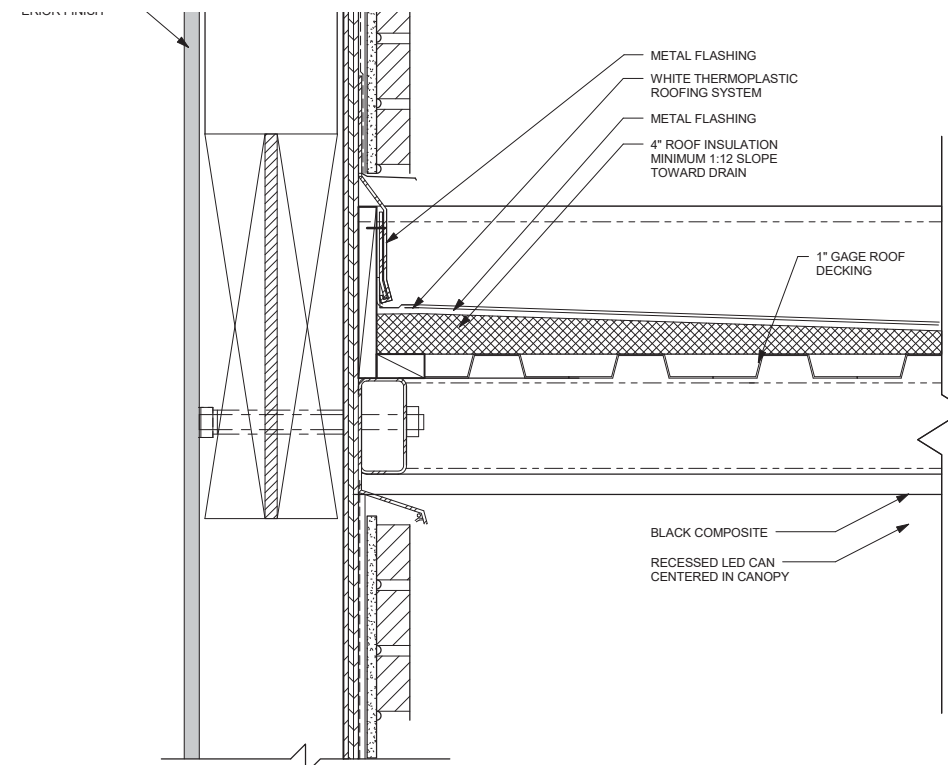
1 FABRIC AWNING DETAIL:



2 SOLAR SCREEN DETAIL:



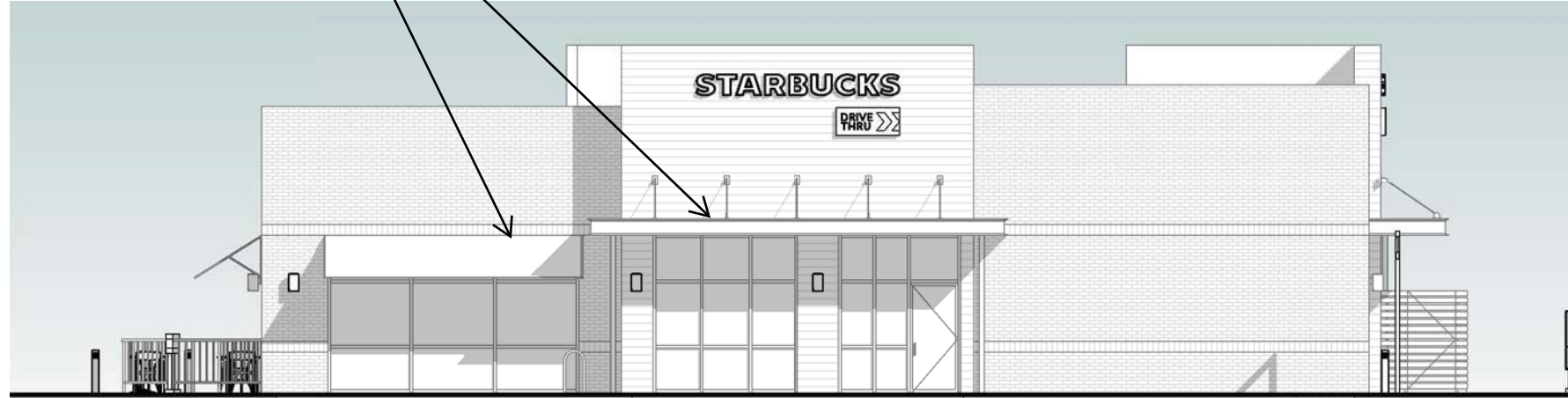
3 ARCHITECTURAL METAL CANOPY DETAILS:



AWNING AND CANOPY DETAILS: DESIGN INTENT ONLY

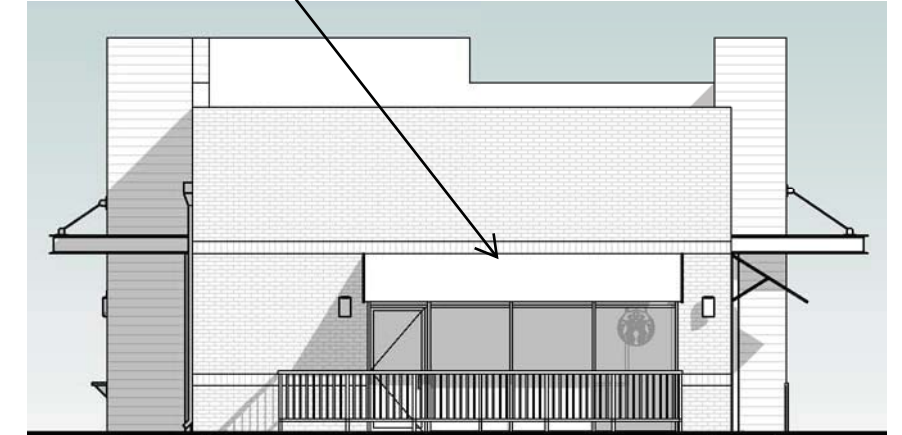


BLACK METAL CANOPY
BLACK METAL CANOPY
OR FABRIC AWNING



1. WEST ELEVATION (VIEW FROM ENTRY TO SHOPPING COMPLEX)
16" WORDMARK & 48" ILLUMINATED DT EVOLVED BOX

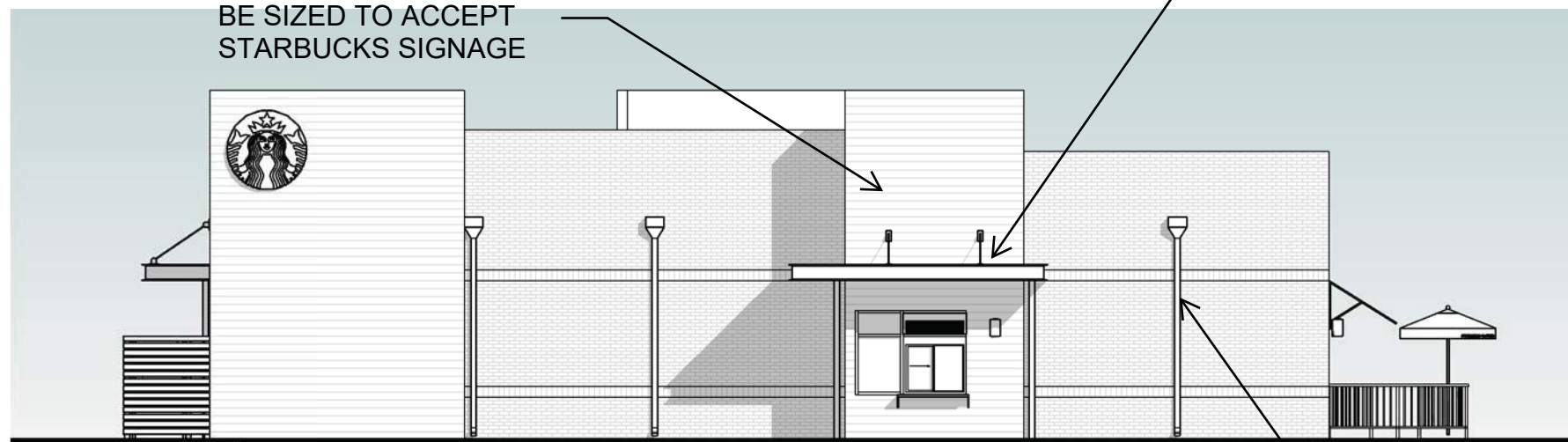
BLACK METAL CANOPY
OR FABRIC AWNING



2. NORTH ELEVATION (FACING COMPLEX)
24" ILLUMINATED SUSPENDED LOGO DISK

TOWER ELEMENT TO
BE SIZED TO ACCEPT
STARBUCKS SIGNAGE

BLACK METAL CANOPY

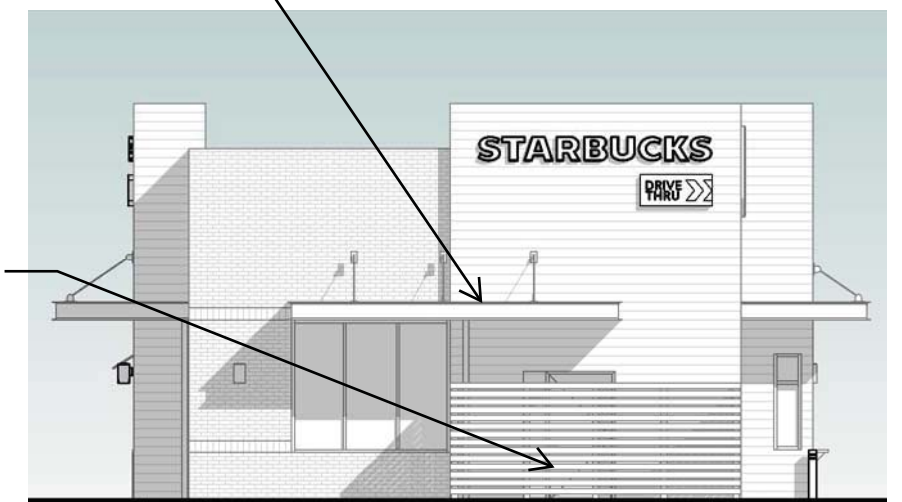


3. EAST ELEVATION (FACING ADJACENT STRIP MALL)
60" LOGO DISK

DOWNSPOUTS NOT TO
CONFLICT WITH SIGNAGE

BLACK METAL CANOPY

PAINT REAR
DOOR TO MATCH
SURROUNDING
MATERIAL



4. SOUTH ELEVATION (FACING STREET)
16" WORDMARK & 48" ILLUMINATED DT EVOLVED BOX

EXAMPLE OF POSSIBLE SIGNAGE LOCATIONS






EXAMPLE STORES



HOOP RACK



The Hoop Rack provide a high level of security and excellent bike support

The Hoop Rack is a proven design that provides high security and easy bike parking. Hoop Racks come in a variety of installation options: In ground, foot mount, and a free standing rail mounted option.

The Hoop Rack uses thick pipe construction and the full radius of the bend makes the Hoop an attractive and functional bike rack. The Hoop Rack supports the bicycle at two points and allows for the wheel and frame to be secured using a u-style bike lock. Each Hoop Rack parks two bikes.

FEATURES
<ul style="list-style-type: none"> • High security • Superior bike support • In ground or surface mounted • One unit parks 2 bikes • Free standing rail mount available



DERO
BIKE RACK COMPANY

2637 32ND AVENUE S	TEL 952 317 6729
MINNEAPOLIS, MN 55406	FAC 612 311 2711
DERO@DERO.COM WWW.DERO.COM	

HOOP RACK - Specifications and Space Use

Product Name
 Dero Hoop Rack
 As manufactured by Dero Bike Racks

Bikes Parked per Unit: 2

Materials:
 1.5" schedule 40 pipe (1.9" OD)

Finishes
 Black

- Our powder coat finish assures a high level of adhesion and durability by following these steps:
1. Sandblast
 2. Iron phosphate pretreatment
 3. Epoxy primer electrostatically applied
 4. Final thick TGIC polyester powder coat

Installation Methods

- In ground mount is embedded into concrete base. Specify in ground mount for this option.
- Foot Mount has two 2.5"x6"x.25" feet with two anchors per foot. Specify foot mount for this option.
- Rail Mounted Hoops are bolted to two parallel rails which can be left freestanding or anchored to the ground. Rails are heavy duty 3"x1.4"x3/16" thick galvanized mounting rails. Specify rail mount for this option.

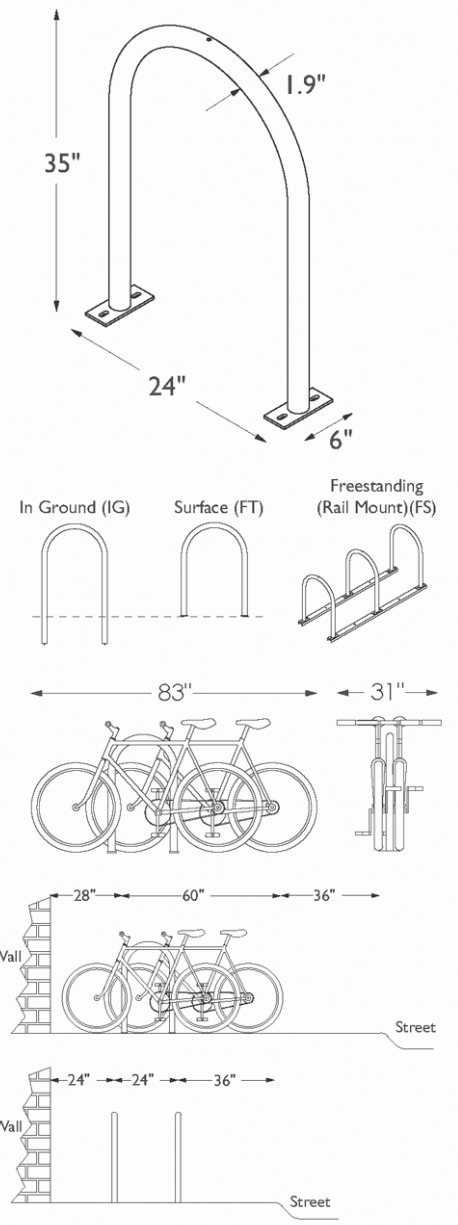
SETBACKS

Wall Setbacks:
 For racks set parallel to a wall:
 Minimum: 24"
 Recommended: 36"

For racks set perpendicular to a wall:
 Minimum: 28"
 Recommended: 36"

Distance Between Racks:
 Minimum: 24"
 Recommended: 36"

Street Setbacks:
 Minimum: 24"
 Recommended: 36"



BIKE RACK CUT SHEET
 EQUIVALENT SUBSTITUTIONS PERMITTED. PROVIDE SUBSTITUTED SPEC. TO STARBUCKS FOR REVIEW AND APPROVAL.



INSTALLATION INSTRUCTIONS

The following instructions are for installation of the HME VDL100 Vehicle Detector Loop in a single drive-thru traffic lane, for vehicle detector use with any HME drive-thru communication system. The loop should be installed prior to pouring concrete for paving the lane, and therefore requires coordination with the paving contractor. Pay careful attention to the illustrations on the back of this page, especially regarding loop dimensions and the depth and position of its installation.

A loop must always be installed at the speaker post or menu board. If you received two loops, the second loop should typically be installed at the service window. If you received three loops, the third loop should typically be installed at the cashier window. Locations of the second and third loops may vary depending on specific requirements.

NOTE: In some cases the distance from the loop to where the conduit exits the ground into the speaker post cabinet may exceed three feet. In such cases, an additional ½ inch (12.7 mm) PVC pipe will be required (not provided).

LOOP AREA PREPARATION (Refer to Figure 1)

- The loop should begin 12 to 18 inches (305 – 457 mm) out from the curb.
- The forward edge of the loop should be lined up with the midpoint of the menu board, speaker post or drive-thru window.
- A 3 foot (914 mm) perimeter, free from rebar, wire screen, reinforcing bars, electrical cable or metal objects should be provided. Any metal nearby disturbs the loop's magnetic field, thus reducing the field in which detection takes place. Electrical cables near the loop can possibly cause false impulses to the magnetic field generated by the loop, causing erratic operation of the detector.

TOOLS/MATERIALS REQUIRED

Shovel; hacksaw; tape measure; wood supports; securing wire; PVC adhesive & brush

PARTS LIST

- | | |
|--|------|
| • Prefab (folded) loop, 1.5 feet (.46 meter) x 5 feet (1.52 meter) | 1 ea |
| • Coupling for ½ inch (12.7 mm) PVC tubing | 1 ea |
| • 90 degree elbow for ½ inch (12.7 mm) PVC tubing | 1 ea |
| • ½ inch (12.7 mm) PVC tubing, 2 feet (.61 meter) long | 1 ea |
| • ½ inch (12.7 mm) PVC tubing, 3 feet (.91 meter) long | 1 ea |

PROCEDURE

- Check the contents of this package against the parts list. If any item is missing, contact your HME sales representative.
- Remove the elbow coupling, Figure 2 (6), from the cable. The cable was threaded through the coupling for shipping only.
- Assemble the loop as instructed on the back of this page.
- Measure the distance from the curb to the outlet of the conduit that comes from the building into the speaker post or menu board to determine if the enclosed 3 foot (.91 meter) PVC loop extension reaches from the loop to the conduit as shown in Figure 2 (4). If it does, proceed to the next paragraph. If not, substitute a longer piece of ½ inch (12.7 mm) PVC pipe (not provided). Measure and cut the pipe to reach from the loop to the point where it must exit the ground into the speaker post.

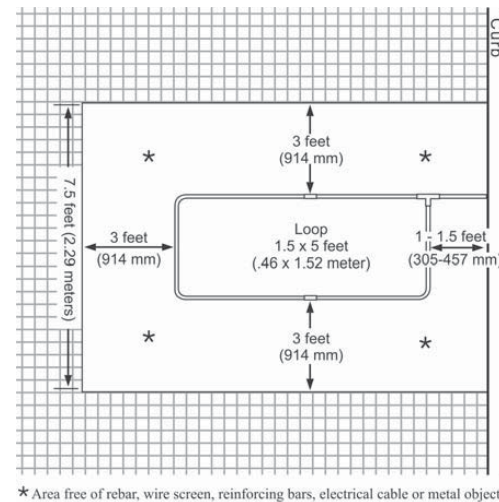


Figure 1. Loop area preparation

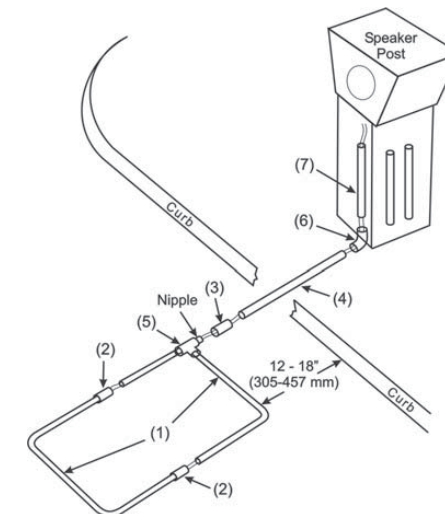


Figure 2. Loop layout and connections

NOTE: PVC adhesive (not provided) must be applied wherever PVC couplings and pipe are fitted together.

- Flatten the loop (folded for shipping) as shown in Figure 2 (1). Fit the pipe securely into the couplings (2). Lay the loop flat in the drive-thru lane and position it as shown in Figure 2. Elevate the loop on supports that are anchored to the ground, as shown in Figure 3. Level the loop so it will be 2 inches (51 mm) or less from the paved surface when the concrete is poured. Fasten the loop to the supports with wire, so it will not float when the concrete is poured.
- Pull the loop wires through the sleeve coupling (3) and the PVC loop extension (4). Slide one end of the sleeve coupling (3) over the nipple on the corner fitting of the loop (5), and slide the end of the loop extension (4) into the other end of the sleeve coupling (3).
- Pull the loop wires through the elbow coupling (6) and the remaining 2 foot (.61 meter) piece of PVC (7). Slide the two ends (of 4 & 7) into the coupling (6), positioning the piece of PVC (7) so it points upward, out of the ground. Be certain it is next to and parallel to the outlets of the conduit coming into the speaker post or menu board from the building.

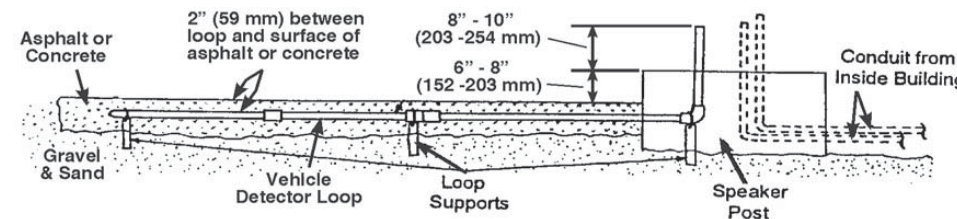


Figure 3. Side view of loop in asphalt or concrete

Waste Electrical and Electronic Equipment (WEEE)

The European Union (EU) WEEE Directive (2002/96/EC) places an obligation on producers (manufacturers, distributors and/or retailers) to take-back electronic products at the end of their useful life. The WEEE Directive covers most HME products being sold into the EU as of August 13, 2005. Manufacturers, distributors and retailers are obliged to finance the costs of recovery from municipal collection points, reuse, and recycling of specified percentages per the WEEE requirements.

Instructions for Disposal of WEEE by Users in the European Union

The symbol shown below is on the product or on its packaging which indicates that this product was put on the market after August 13, 2005 and must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of the user's waste equipment by handing it over to a designated collection point for the recycling of WEEE. The separate collection and recycling of waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local authority, your household waste disposal service or the seller from whom you purchased the product.



Saw-Cut Vehicle Detector Loop

INSTALLATION INSTRUCTIONS

These instructions are for saw-cut loop installation in an existing concrete or asphalt drive-thru traffic lane, for use with HME's Drive-Thru Audio or Timer Systems. Refer to the illustrations on the back of this page. Note the differences in loop location for audio systems and timer systems. **Failure to follow these instructions in saw-cut vehicle detector loop installation may cause your HME Drive-Thru Audio System or Timer System warranty to be voided.**

TOOLS/MATERIALS REQUIRED

- Drill with 3/4 inch (19 mm) drill bit (optional)
 - Type #20 AWG XLPE cable, 100 feet (30.5 meters)
 - Concrete and mortar-repair sealant (Quikrete Hydraulic Water-Stop Cement or equivalent)
 - S/G foam tubing, 3 feet (.91 meter)
 - Concrete-cutting saw
 - Marking chalk
- CAUTION: Hard setting epoxies should never be used.**

PROCEDURE

Carefully examine the illustrations on the back of this page before proceeding.

- Lay out and mark with chalk, the exact size and location of the slot before cutting it. The rectangular slot should begin 12 – 18 inches (305 – 457 mm) out from the curb, with its forward edge even with the midpoint of the menu board, speaker post (Location 1) or drive-thru window (Location 2). Its dimensions should be 5 feet (1.52 meters) across the drive-thru lane, and 18 inches (457 mm) wide. **CAUTION: If the loop is being installed in an existing cut, or over an existing loop that is being deactivated, cut through the old loop in 5 or 6 places so it will not interfere with the new loop. Also, if there is a control joint in the concrete, the loop should not span it.**
- **BE AWARE:** A 3 foot (.91 meter) perimeter, free from rebar, wire screen, reinforcing bars, electrical cables or other metal objects should be provided around and under the loop area. Any metal within this perimeter disturbs the loop's magnetic field, thus reducing the field in which detection takes place.
- Cut the slot 1/4 inch (6.25 mm) wide, and 1 1/2 – 2 1/4 inches (38 – 52 mm) deep, along the chalk lines to form a basic rectangular loop. Make an additional 45° angle cut at each of the four corners of the rectangle, to prevent sharp, 90° angles of the concrete from damaging the loop-wire insulation. (If 45° angles are not cut, a 3/4 inch [19 mm] hole must be drilled at each corner.) Also cut a lead-wire slot, 1/4 inch (6.25 mm) wide and 1 inch (25 mm) deep, from one corner of the rectangular loop cut to a point nearest the conduit through which the cable is routed into the store.
- Clean the slot thoroughly with compressed air, and allow the slot and the area around it to dry completely. Be sure no moisture or sand gets back into the slot while the loop is being installed.
- Allowing sufficient lead wire to be routed from the speaker post or menu board into the store, to the audio system base station or timer control unit, lay the first turn of wire in the slot in a clockwise direction, routing it through the 45° angle cuts at each corner. **CAUTION: A continuous piece of unspliced wire must be used. Avoid damaging the insulation on the wire. Nicks or abrasions can permit moisture to enter the loop, making it inoperable.**
- Gently press the wire down to the bottom of the slot, all the way around the loop, with a blunt wooden stick. Do not use a metal instrument or tool. Lay six turns of wire in the slot. After the last turn, lay 3 inch (76 mm) lengths of foam tubing, evenly spaced, on top of the wire to hold it in place in the slot.
- Fill the slot completely with sealant, covering the wire completely so it is not visible.
- Cut the remaining wire to equal the length of the lead wire, twist the two wire ends together to form a twisted pair, with five turns per foot. This twisted pair should go into the lead-wire cut.
- Before applying the sealant, test the loop for insulation resistance and DC continuity resistance. If the DC resistance is greater than 3 ohms, or the insulation resistance to ground is less than 100 megohms, the wire is damaged and the entire loop must be replaced.
- Apply the sealant.
- Solder and insulate all connections to lead wires.

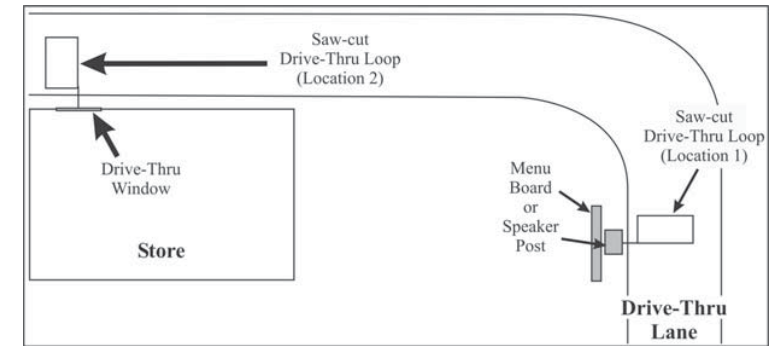


Figure 1. Saw-cut loop locations

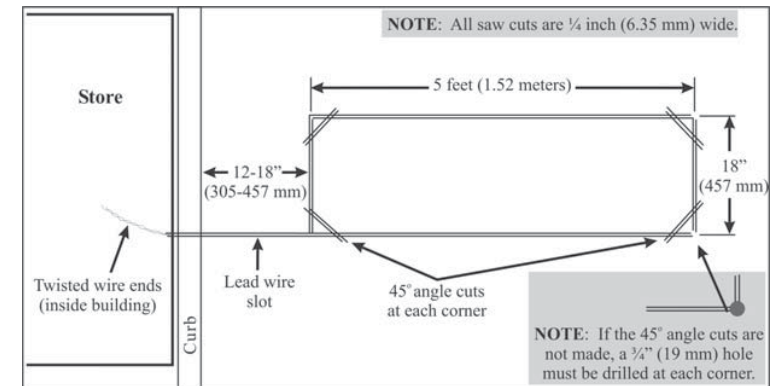


Figure 2. Saw-cut loop parameters

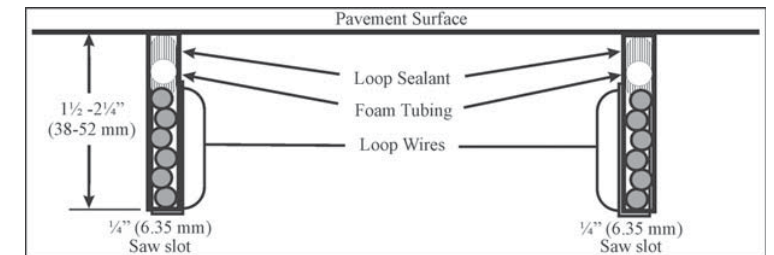


Figure 3. Saw-cut loop side view

Waste Electrical and Electronic Equipment (WEEE)

The European Union (EU) WEEE Directive (2002/96/EC) places an obligation on producers (manufacturers, distributors and/or retailers) to take-back electronic products at the end of their useful life. The WEEE Directive covers most HME products being sold into the EU as of August 13, 2005. Manufacturers, distributors and retailers are obliged to finance the costs of recovery from municipal collection points, reuse, and recycling of specified percentages per the WEEE requirements.

Instructions for Disposal of WEEE by Users in the European Union

The symbol shown below is on the product or on its packaging which indicates that this product was put on the market after August 13, 2005 and must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of the user's waste equipment by handing it over to a designated collection point for the recycling of WEEE. The separate collection and recycling of waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local authority, your household waste disposal service or the seller from whom you purchased the product.



Door Hardware Set #1, Service Door, Exterior (42" wide door)				
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	FBB191 Door Hinge 5 x 4.5 NRP	Stanley Hardware	630
1	Securing Devices	C607 7-pin Core Combined 'A' keyway	Falcon Lock	626
1	Securing Devices	I/O 2000L-03IC Auto Locking Door Alarm, IC; No CTR includes Mortise Cylinder	Sur-lock	--
1	Securing Devices (ALTERNATE)	98/99 Panic Device for non-flush doors only	Von Duprin	--
1	Closing Devices	8900 Door Closer 8916 AF89P	Dorma	689
1	Protective Trim Units	K1050 B4E Kickplate 10x40	Rockwood	630
1	Accessories	16A Rain Drip 46"	National Guard	A
1	Accessories	137NA Weather Strip 17.5' 42x84	National Guard	A
1	Accessories	C607 Door Sweep 42"	National Guard	A
1	Miscellaneous Items	LN2068 Door Spy	Locknet	Silver
1	Stop	480H Door Stop	Rockwood	Satin Nickel
1	Threshold	325 Half Saddle Threshold	National Guard	--

Door Hardware Set #3, Service Door, Interior to Building Corridor				
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	FBB179 Door Hinge 4.5 x 4.5 NRP	Stanley Hardware	626
1	Securing Devices	C607 7-pin Core Combined 'A' keyway	Falcon Lock	626
1	Securing Devices	I/O 2000L-03IC Auto Locking Door Alarm, IC; No CTR includes Mortise Cylinder	Sur-lock	--
1	Closing Devices	8900 Door Closer 8916 AF89P	Dorma	689
1	Protective Trim Units	K1050 B4E Kickplate 10x2" LDW	Rockwood	630
1	Miscellaneous Items	LN2068 Door Spy	Locknet	Silver
1	Stop	480H Door Stop	Rockwood	Satin Nickel

Door Hardware Set #2, Service Door, Secondary Exterior				
No.	Item	Description	Manufacturer	Finish
3	Hanging Device	FBB191 Door Hinge 4.5 x 4.5 NRP	Stanley Hardware	630
1	Securing Device	C607 7-pin Core Combined 'A' keyway	Falcon Lock	626
1	Securing Device	I/O 2000L-03IC Auto Locking Door Alarm, IC; No CTR includes Mortise Cylinder	Sur-lock	--
1	Closing Device	8900 Door Closer 8916 AF89P	Dorma	689
1	Protective Trim Units	K1050 B4E Kickplate 10x34	Rockwood	630
1	Accessories	16A Rain Drip 40"	National Guard	A
1	Accessories	137NA Weather Strip 17' 36x84	National Guard	A
1	Accessories	C607 Door Sweep 36"	National Guard	A
1	Miscellaneous Items	LN2068 Door Spy	Locknet	Silver
1	Stops	480H Door Stop	Rockwood	Satin Nickel
1	Threshold	325 Half Saddle Threshold	National Guard	--

Door Hardware Set #4, Entry Door, Exterior (Kawneer TriFab)				
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	4.5 Butt Hinge NRP	Stanley Hardware	626
1	Securing Devices	MS1850S, Deadbolt	Adams Rite	628
1	Securing Devices	KSP 307-601	Adams Rite	626
1	Securing Devices	Interchangable Core C647A	Falcon	626
1	Closing Devices	LCN 4041	LCN	Alum.
1	Door Pull	#108	Rockwood	606
1	Stop	#473	Rockwood	626

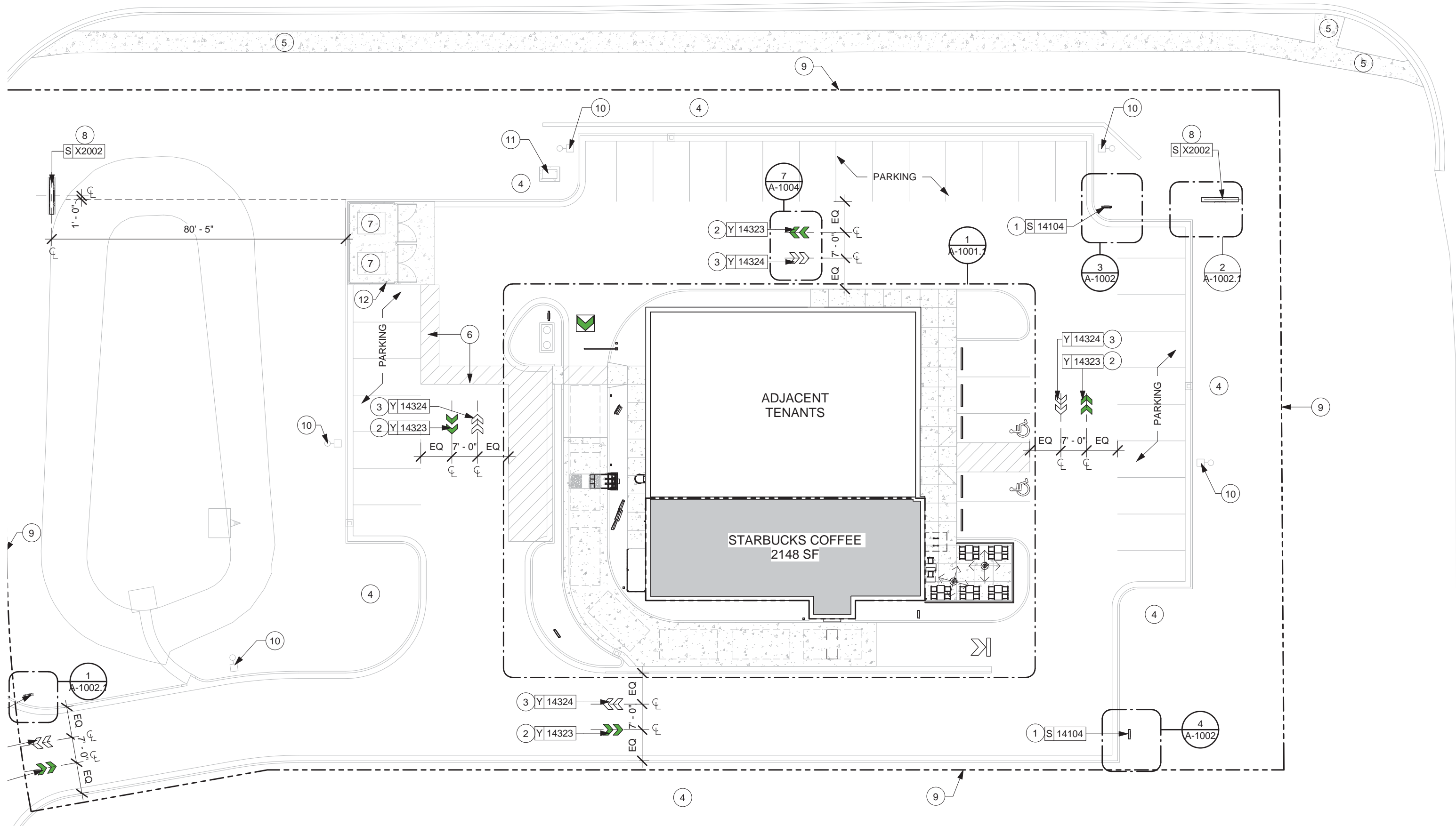
DOOR HARDWARE

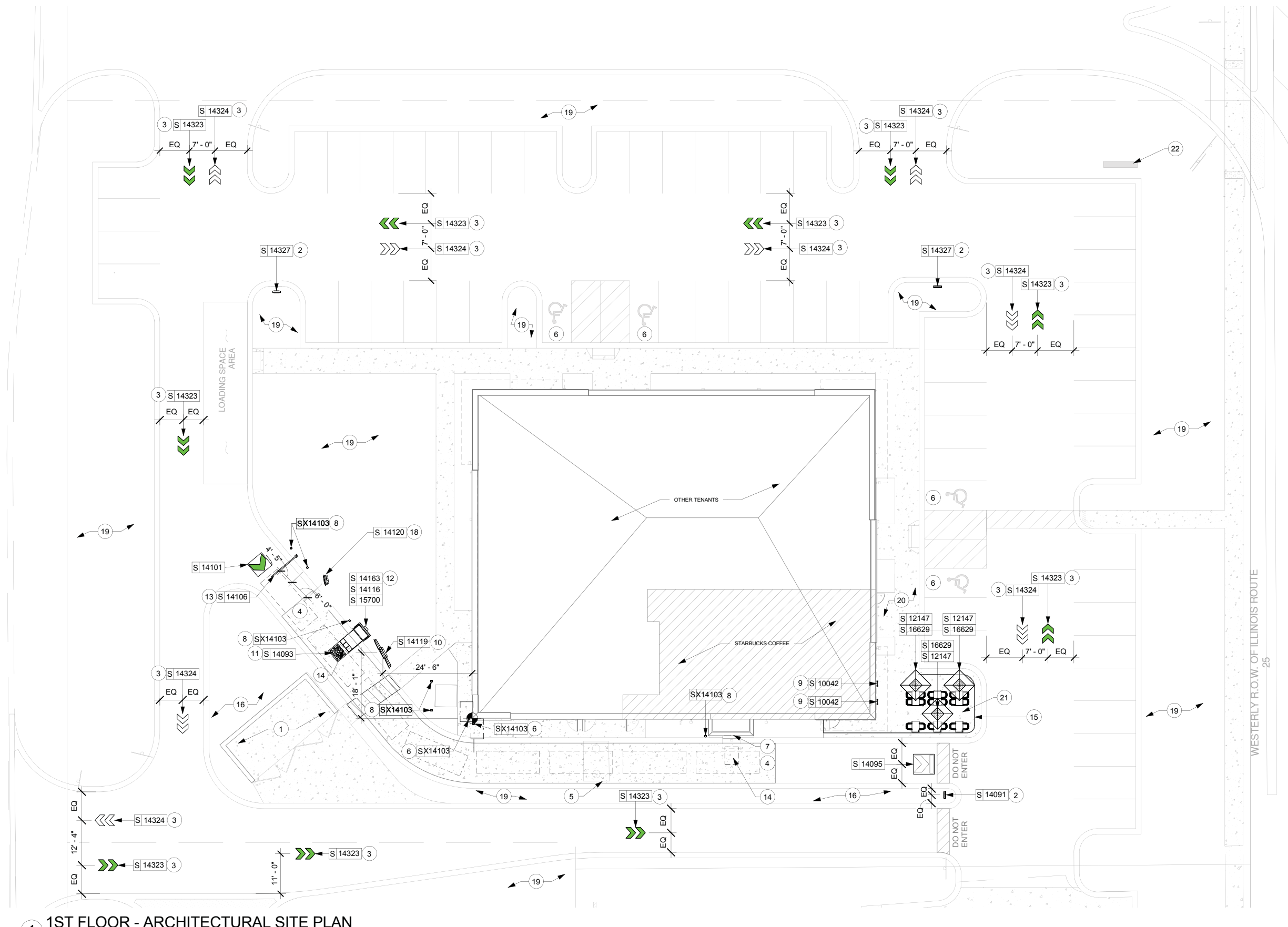


APPENDIX:

SITE PLAN AND FLOOR PLAN EXAMPLES







1 1ST FLOOR - ARCHITECTURAL SITE PLAN
 Scale: 1/16" = 1'-0"



