

**TLP**

**THE LIGHTING PROJECT**

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Drawn By: JESSE  
The Lighting Project / www.tlpw.com  
Date: 2/2/2020  
Scale:

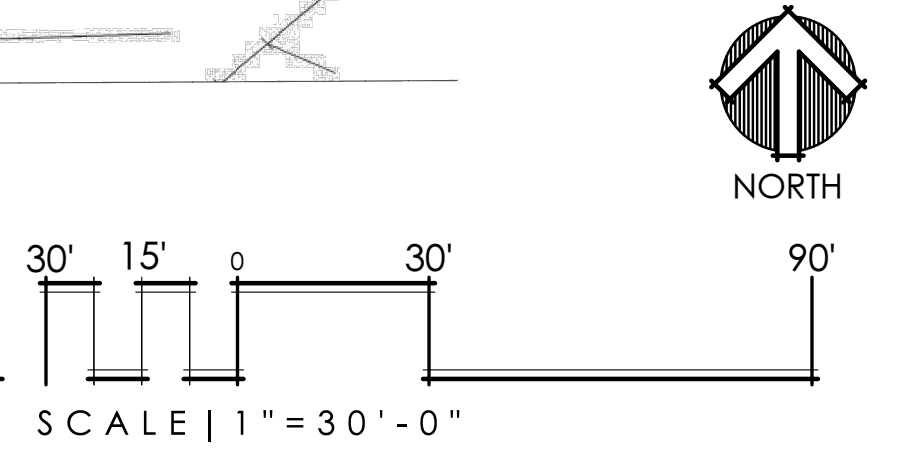
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**La Center Site Lighting**  
**CALCULATIONS**

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Page 1 of 1

**SITE PHOTOMETRIC | SITE PLAN**



Luminaire Schedule			
Symbol	Qty	Tag	Description
[Symbol]	5	L1	HUBBELL RAR2-320L-110-4K7-5QW
[Symbol]	2	L1A	HUBBELL RAR2-320L-110-4K7-5QW (TWIN HEAD)
[Symbol]	6	L2	HUBBELL RAR2-320L-165-4K7-3
[Symbol]	5	L3	HUBBELL LSQ2-70-4K7-UNV-X
[Symbol]	31	L4	BARRON WLZ4-4-4K
[Symbol]	9	L5	HUBBELL CLEDXL7UNV55WH

\\SGA\CLOUD\_sgraph\01 Projects\2019\19-125 La Center\Mini\La Center\WA\04 Type II\Site Plan Review\19-125 Photometrics.dwg



# FUEL CANOPY L5 | FUEL CENTER

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

## LSQ SERIES LUMASQUARE

### ORDERING GUIDE

Model	Size	Output	Color	Finish	Control	Options
LSQ1-25	Size 1 (25w/1500lm)	300	120V	WH	PCU	BI Battery Backup Unit (300)*
LSQ1-40	Size 1.40w/1500lm	400	120V	WH	PCU	BI Battery Backup Unit (300)*
LSQ1-50	Size 2 (50w/2000lm)	500	120V	WH	PCU	BI Battery Backup Unit (300)*
LSQ2-70	Size 2 (70w/3000lm)	700	277V	WH	PCU	BI Battery Backup Unit (300)*

Notes:  
 1. Available in LSQ2-55 and LSQ2-70 only.  
 2. Available in LSQ2-27V only.  
 3. Most control options require a separate control (SCP-REMOTE) to program occupancy sensors. Occupancy sensors are not included in the standard price.  
 4. Control with DALI (DALI 2.0) is available on LSQ2-27V only.  
 5. Meet specific ratings, 120 or 277V only.

### STOCK ORDERING INFORMATION

Catalog Number	Lumens	Wattage	CCT (K)	Voltage	Finish	Options
LSQ1-40-PCU	400	40W	4000K/70CR	120-277V	Dark Bronze Textured	Photocell
LSQ1-40-6V-PCU	400	40W	4000K/70CR	120-277V	Gray Smooth	Photocell
LSQ1-40-4V-PCU	500	75W	4000K/70CR	120-277V	Dark Bronze Textured	Photocell
LSQ2-70-4V-PCU	500	75W	4000K/70CR	120-277V	Gray Smooth	Photocell

### ACCESSORIES

Accessory	Description
SCP-REMOTE	Remote control for SCP option. Order a minimum of one per project to program and control fixtures.
SCP-SPC	Polycarbonate vandal shield.

### PERFORMANCE DATA

Category	# of LEDs	Current	System Watts	Distribution	5K (5000K nominal, 70 CR)	4K (4000K nominal, 70 CR)	3K (3000K nominal, 80 CR)
LSQ1	176	43mA	24.3 W	V	318	131	2
		65mA	38.1 W	V	4026	121	2
LSQ2	352	43mA	64.6 W	V	7246	133	2
		65mA	72.5 W	V	9438	128	2

1. Lumens values are from photometric tests performed in accordance with IESNA LM-79-09. Data is considered to be representative of other configurations shown. Actual performance may differ as a result of environmental and application conditions.

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

## LSQ SERIES LUMASQUARE

### ELECTRICAL DATA

Category	# of Drivers	Input Voltage	Current (amps)	System Watts
LSQ1-25	1	120	0.32	25.7
		277	0.32	31.0
LSQ1-40	1	120	0.33	31.0
		277	0.33	31.0
LSQ2-50	1	120	0.43	51.3
		277	0.43	51.3
LSQ2-70	1	120	0.56	71.6
		277	0.56	71.6

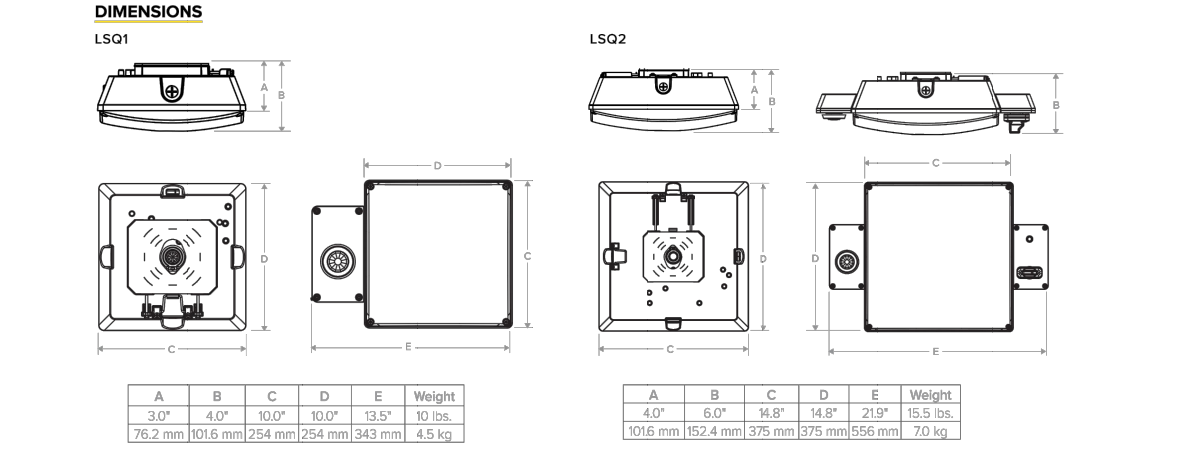
### PROJECTED LUMEN MAINTENANCE

Ambient Temp	0	15,000	30,000	45,000	60,000	L70 (Hours)
25°C / 77°F	1.00	0.95	0.83	0.71	0.61	1485,000
45°C / 104°F	0.97	0.92	0.80	0.68	0.60	1070,000

### LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature	Lumen Multiplier
0°C	1.00
5°C	0.97
10°C	0.94
15°C	0.91
20°C	0.87
25°C	0.84
30°C	0.81
35°C	0.78
40°C	0.75
45°C	0.72

See these factors to determine correction factor for average ambient temperature (range 0-45°C/32-113°F).



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

# WALL PACKS L4 | ALL BUILDINGS

## WLZ SERIES Zero Uplight LED Wallpack

**DESCRIPTION**  
 The WLZ Series features an architecturally relevant low-profile LED design in lumen packages ranging from 1500 lumens to over 12,000 lumens. Its high-efficiency light engine is designed for optimal light control and distribution with zero uplight. This family of product is offered in several size housings to complement any building exterior and accommodates mounting heights up to 35'. Integral emergency battery backup available for path of egress with Cold Location operation down to -20°C.

**CONSTRUCTION**  
 • Sleek die-cast aluminum housing with stainless steel hardware and powder coated black, bronze, silver or white finish  
 • UV-stabilized polycarbonate optical lens  
 • Integral heat sink for maximized heat dissipation  
 • Back box houses drivers away from LEDs and includes three 1/2" hubs (WLZ1 and WLZ2 - two 1/2" hubs)  
 • Optics/LEDs  
 • Zero uplight design to minimize light pollution  
 • 15 to 100 Watt models require up to 400 Watt HD for up to 70% energy savings  
 • Efficiencies up to 123 LPW at 5000K to maximize utility rebates  
 • Type III and Type IV distributions for optimal light distribution (WLZ1 - Type III only)  
 • Available in 3000K, 3500K, 4000K and 5000K CCT  
 • L70 of 50,000 hours at 40°C  
 • CR of 810

**Electrical**  
 • Class 2 power supply, 120-277VAC, 50/60Hz  
 • 347480VAC Dedicated driver option for WLZ4, WLZ7 and WLZ10  
 • 0-10V Dimming driver (120-277VAC only)  
 • Power supply rated Class A EMI rating

**Mounting**  
 • Housing hinges to back box and is secured with set screws  
 • Back box is compatible with three 1/2" hubs and internal bubble level for mounting (WLZ1 and WLZ2 - two 1/2" hubs)  
 • Mounts to a standard 3-1/2" or 4" square electrical J-box  
 • Suitable for downlight installation only

**Options**  
 • Battery Backup (BB) provides over 700 lumens and 90 minutes of runtime for path of egress. Rated for ambient temperatures of 0°C to 40°C (32°F to 104°F). Not available on WLZ1.  
 • Integral Battery Backup with Internal Heater (BB-IB) provides over 700 lumens and 90 minutes of runtime for path of egress in Cold Locations down to -20°C. Not available on WLZ1 or WLZ2.  
 • Factory installed dual driver options for WLZ4 and WLZ10 (WLZ7 is standard with two drivers)  
 • Factory installed 120/277VAC button photocell option (PC)  
 • Factory installed 10VA surge protection options (SP or SPH)

**Accessories (Field Installed)**  
 • 120/277VAC Button type universal photocell options accessory (PCU)  
 • Dimming occupancy sensor programmable, Watstopper FSP221 available in multiple finishes (TL-SCES-L2)  
 • Remote control for occupancy sensor, Optional (TL-FSR100)

**Testing & Compliance**  
 • IESNA E-162 Label for Wet Locations  
 • DesignLights Consortium® (DLC) Qualified (twenty QPL for specific models)  
 • International Dark Sky friendly approved product (IDA) 3000K only  
 • Operating temperatures: -40°C to 40°C (-40°F to 104°F)

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

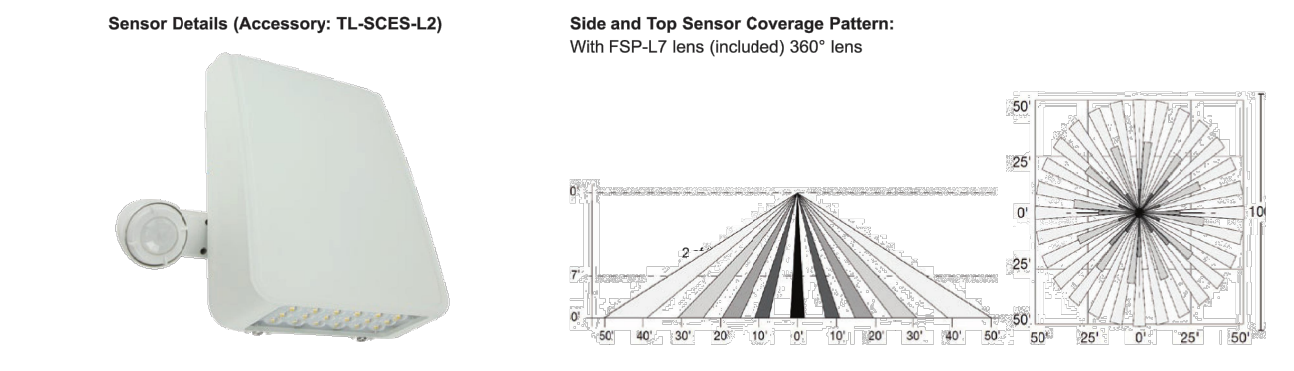
Ordering Information (Example: WLZ3-3-4K-IBR)

Series/Configuration	Distribution	Input Voltage	CCT	Finish	Options
WLZ1 = 15W, Extra Small	1 = Type III	120-277VAC	3K = 3000K	BL = Black	BB = Battery Backup
WLZ2 = 25W, Small	4 = Type IV	HVS = 347480VAC	30K = 3500K	BR = Bronze	BB-IB = Cold Location Battery Backup (operation down to -20°C)
WLZ4 = 40W, Medium	4K = 4000K	SV = Silver	DD = Dual Driver		
WLZ7 = 70W, Large	5K = 5000K	WH = White	PC = 120/277VAC Button photocell		
WLZ10 = 100W, Extra-Large			SP = 120/277VAC Surge protection		

### Performance Data

Model	Wattage (W)	CCT	Distribution	Lumen Output (lm)	Efficacy (LPW)
WLZ1-3-3K-XX	15	3000K	Type III	1531	101
WLZ1-3-4K-XX	15	4000K	Type III	1534	101
WLZ1-3-5K-XX	15	5000K	Type III	1145	115
WLZ2-3-3K-XX	25	3000K	Type III	2195	103
WLZ2-3-4K-XX	25	4000K	Type III	2097	111
WLZ2-3-5K-XX	25	5000K	Type III	3186	118
WLZ2-4-3K-XX	25	3000K	Type IV	2609	98
WLZ2-4-4K-XX	25	4000K	Type IV	2797	105
WLZ2-4-5K-XX	25	5000K	Type IV	2985	112
WLZ3-3-3K-XX	40	3000K	Type III	4389	107
WLZ3-3-4K-XX	40	4000K	Type III	4102	118
WLZ3-3-5K-XX	40	5000K	Type III	5021	123
WLZ4-3-3K-XX	40	3000K	Type IV	4021	98
WLZ4-3-4K-XX	40	4000K	Type IV	4150	103
WLZ4-3-5K-XX	40	5000K	Type IV	4599	112
WLZ7-3-3K-XX	70	3000K	Type III	7657	105
WLZ7-3-4K-XX	70	4000K	Type III	8150	113
WLZ7-3-5K-XX	70	5000K	Type III	8720	120
WLZ7-4-3K-XX	70	3000K	Type IV	6837	94
WLZ7-4-4K-XX	70	4000K	Type IV	7316	101
WLZ7-4-5K-XX	70	5000K	Type IV	7704	107
WLZ10-3-3K-XX	100	3000K	Type III	10,871	102
WLZ10-3-4K-XX	100	4000K	Type III	11,632	109
WLZ10-3-5K-XX	100	5000K	Type III	12,363	118
WLZ10-4-3K-XX	100	3000K	Type IV	9706	91
WLZ10-4-4K-XX	100	4000K	Type IV	10,385	98
WLZ10-4-5K-XX	100	5000K	Type IV	11,065	104

\*Nominal Wattage. Values at 120/277VAC.



Settings for TL-SCES-L2

Settings	Default
High Mode:	0-10V
Low Mode:	0F, 0-9.8V
Time Delay:	30 seconds, 5-30 minutes, 5 Minutes
Cut Off Delay:	None, 1-60 Minutes, 1-5 hours, 1 Hour
Sensitivity:	None, Low, Medium, Max, Max
Setup/Reset:	None, 1-250Hz, Auto, Disabled
Name Up Time:	None, 1-60 Seconds, Disabled
Fade Down Time:	None, 1-60 Seconds, Disabled

To change settings in the field, please order TL-FSR-100 controller.

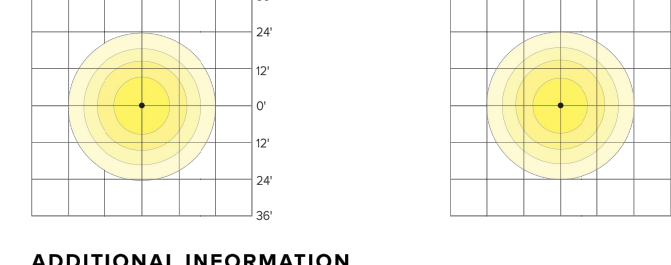
# HOTEL CANOPY L3 | BLDG.

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

## LSQ SERIES LUMASQUARE

### PHOTOMETRY

The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

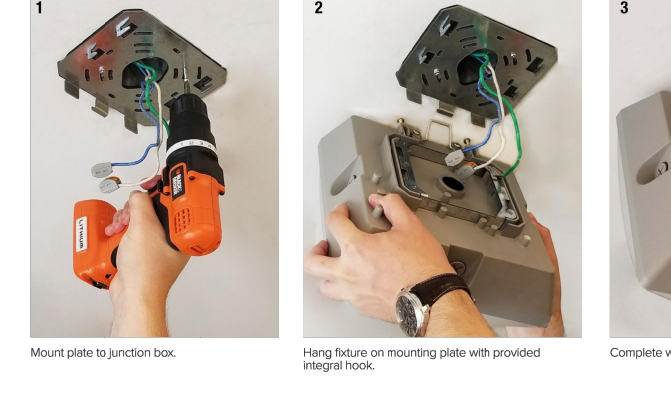


### ADDITIONAL INFORMATION

Shipping Information

Category	G.W./G.C.T.N	Length (inch)	Width (inch)	Height (inch)	Carton Qty. per Master Pack
LSQ1	10lbs (4.5 kg)	9.5 (24)	8.25 (21)	5.75 (13.2)	2
LSQ2	15.5lbs (7 kg)	14 (35.5)	11.5 (29.2)	8 (20.3)	6

### INSTALLATION



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

## LSQ SERIES LUMASQUARE

### FEATURES

- Available in two sizes and four outputs up to 9000 lumens
- A specially designed acrylic lens provides ultimate glare control which "softens" the light for no position and unprecedented visual comfort
- Seamless retrofit solution for traditional HID sources up to 250W
- Wireless control, motion sensor, photocell and emergency battery back-up capability
- Polycarbonate vandal shield available
- Available in 3000K, 4000K and 5000K nominal CCT



### CONTROL TECHNOLOGY

SiteSync™  
 NX DISTRIBUTED INTELLIGENCE  
 WISCAPE™

### SPECIFICATIONS

- CONSTRUCTION**
  - Rugged die-cast aluminum housing with corrosion resistant powder coat finish
  - Both products and provides architectural appeal
  - Heat dissipating fins provide superior thermal performance extending the life of the electronic components
- OPTICS**
  - 3000K, 4000K and 5000K CCT nominal with 70 CR
  - Impact resistant acrylic diffuser
  - Low luminance soft glow lens provides blended
  - Non-polluted light for unprecedented visual comfort
- INSTALLATION**
  - Mounts to 4" junction box and includes a gasket to seal electrical connections
  - Mounting tabs and hook on fixture allow easy 4" deep installation and wiring
  - Four 1/2" predrilled conduit hubs for surface conduit provided
- ELECTRICAL**
  - 0-10V Dimming driver (120-277VAC)
  - 347V and 480V available in larger LSQ2 housing
  - 10kV surge protection included
- CONTROLS**
  - Button photocell for dusk to dawn energy savings
  - Stock versions include 120V-277V PC with a cover which provides a choice to engage photocell or not PC is installed in top hub
  - Occupancy sensor available for on/off and dimming control in larger LSQ1 and LSQ2 housing
  - SiteSync™ wireless lighting control delivers flexible control strategies for reducing power consumption and minimizing maintenance costs while delivering the right light levels with a simple and affordable wireless solution. See ordering information or visit www.hubbellighting.com for more details
  - Battery backup units available in larger LSQ2 housing rated for either 0°C or 30°C
  - Performance exceeds NEC requirements providing 1% minimum over 10kH at 11' mounting height
  - Battery backup units consume 6 watts when charging a dead battery and 2 watts during maintenance charging
  - EH units with a heater consume up to an additional 8 watts when charging if the battery temp is lower than 30°C
- CERTIFICATIONS**
  - DesignLights Consortium® (DLC) qualified
  - Please refer to the DLC website for specific product qualifications at www.dlc.com
  - Listed to UL 508 for use in wet locations, listed for 40°C to 40°C applications
  - Non-IC rated
  - IP66
  - 5 year warranty
  - See HL Standard Warranty for additional information

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

# PARKING LOT L1, L1A & L2 | SITE

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

## RATIO SERIES AREA-SITE LIGHTER

### FEATURES

- Low profile LED available luminaire with a variety of BS distributions for lighting applications such as retail, commercial and outdoor parking
- Featuring Micro Star Optics which maximizes target zone illumination with minimal losses at the fixture, reducing light trespass issues
- Visual comfort standard
- Compact and lightweight design with low EMI
- 30 inch high for high vibration applications including bridges and overpasses
- Control options including photo control, occupancy sensing, NX Distributed Intelligence™ and 70V wireless network control
- Best in class surge protection available



### CONTROL TECHNOLOGY

SiteSync™  
 NX DISTRIBUTED INTELLIGENCE  
 WISCAPE™

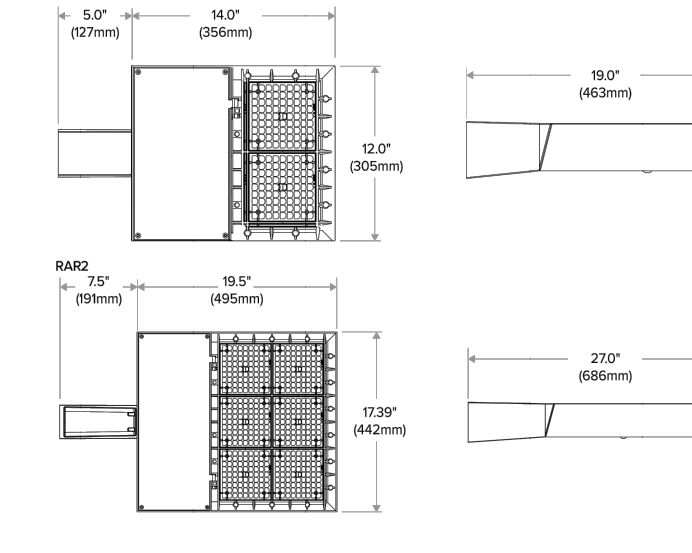
### SPECIFICATIONS

- CONSTRUCTION**
  - Recastable form fixture with the traditional aluminum form factor
  - Updated style and appearance, ideal for retrofit applications
  - Drivers have greater than 90% power factor and less than 20% THD
  - LED drivers have output power over-voltage protection with auto recovery
  - Field replaceable surge protection device (SPD) provides protection against IEEE C62.41.2 Category C High Surge Transients (HST) and Category II lightning surge protection when device is compromised
- OPTICS**
  - Wide optical aperture luminaire to create a large uniform surface area resulting in low glare appearance without sacrificing optical performance
  - 90, 160, 320 or 480 midpoint LEDs
  - 3000K, 4000K or 5000K CCT (90 CCT only)
  - Zero uplight or 0 degree of tilt
- INSTALLATION**
  - Field replaceable optics
  - 30" x 30" fixture arm mount, compatible with BS 010 installation
  - Optional universal mounting bracket for ease of installation (available as an option or accessory for purchase and not included)
  - Keyhole arm filler option available for 3" BS OD holes. Max fill 60 degrees with 4"
  - No Distributed Intelligence™ available in fixture wireless control mode, features dimming and occupancy sensor
- ELECTRICAL**
  - Universal 120-277V VAC or 347-480V VAC input voltage, 50/60 Hz
  - Ambient operating temperature: -40°C to 40°C
  - Drivers have greater than 90% power factor and less than 20% THD
  - LED drivers have output power over-voltage protection with auto recovery
  - Field replaceable surge protection device (SPD) provides protection against IEEE C62.41.2 Category C High Surge Transients (HST) and Category II lightning surge protection when device is compromised
- CONTROLS**
  - Photo control, occupancy sensor and wireless available for complete on/off and dimming control
  - 7 pin ANSI C38.41-2010 photocell photocell option available for field BS photocells or wireless control modules (control accessories sold separately)
  - 0-10V dimming levels available for use with BS 010 installation
  - Optional universal mounting bracket for ease of installation (available as an option or accessory for purchase and not included)
  - Keyhole arm filler option available for 3" BS OD holes. Max fill 60 degrees with 4"
  - No Distributed Intelligence™ available in fixture wireless control mode, features dimming and occupancy sensor
- WARRANTY**
  - 5 year limited warranty
  - See HL Standard Warranty for additional information
- KEY DATA**
  - Lumen Range: 3000-32,000
  - Wattage Range: 25-227
  - Efficacy Range (LPW): 98-165
  - Future Projected Life (Hours): 120,000
  - Weights (lbs. (kg)): 13.5-24.3 (6.1-10.9)

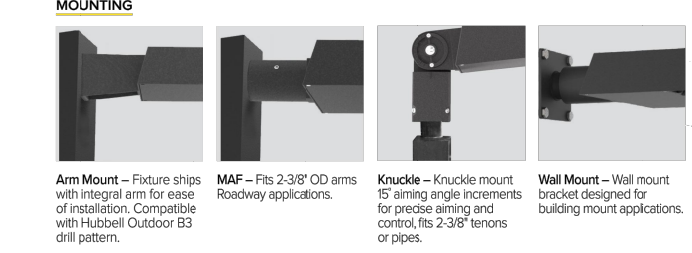
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 CATALOG #: \_\_\_\_\_

## RATIO SERIES AREA-SITE LIGHTER

### DIMENSIONS



### ADDITIONAL INFORMATION



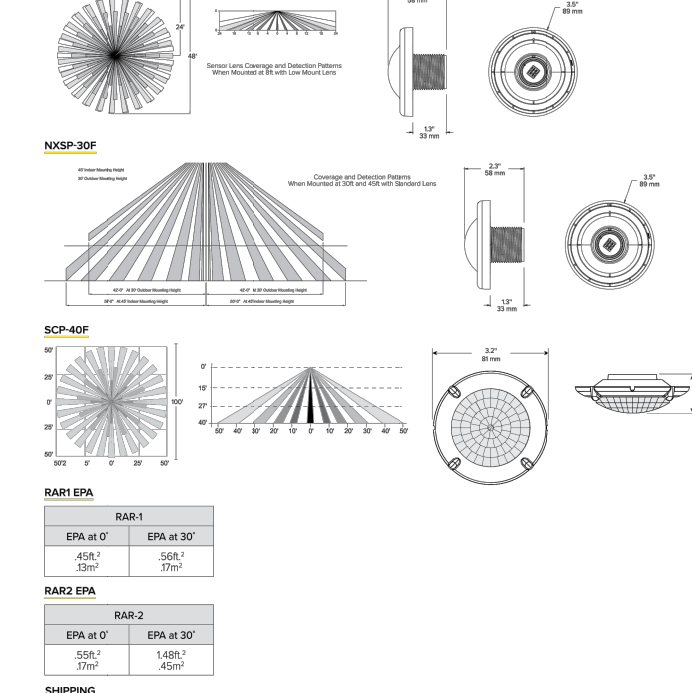
### STEVING 7 PIN MODULE

- SiteSync™ features in a new form
- Available as an accessory for new construction or retrofit applications (with existing 7-pin receptacles)
- Does not interfere with occupancy sensors

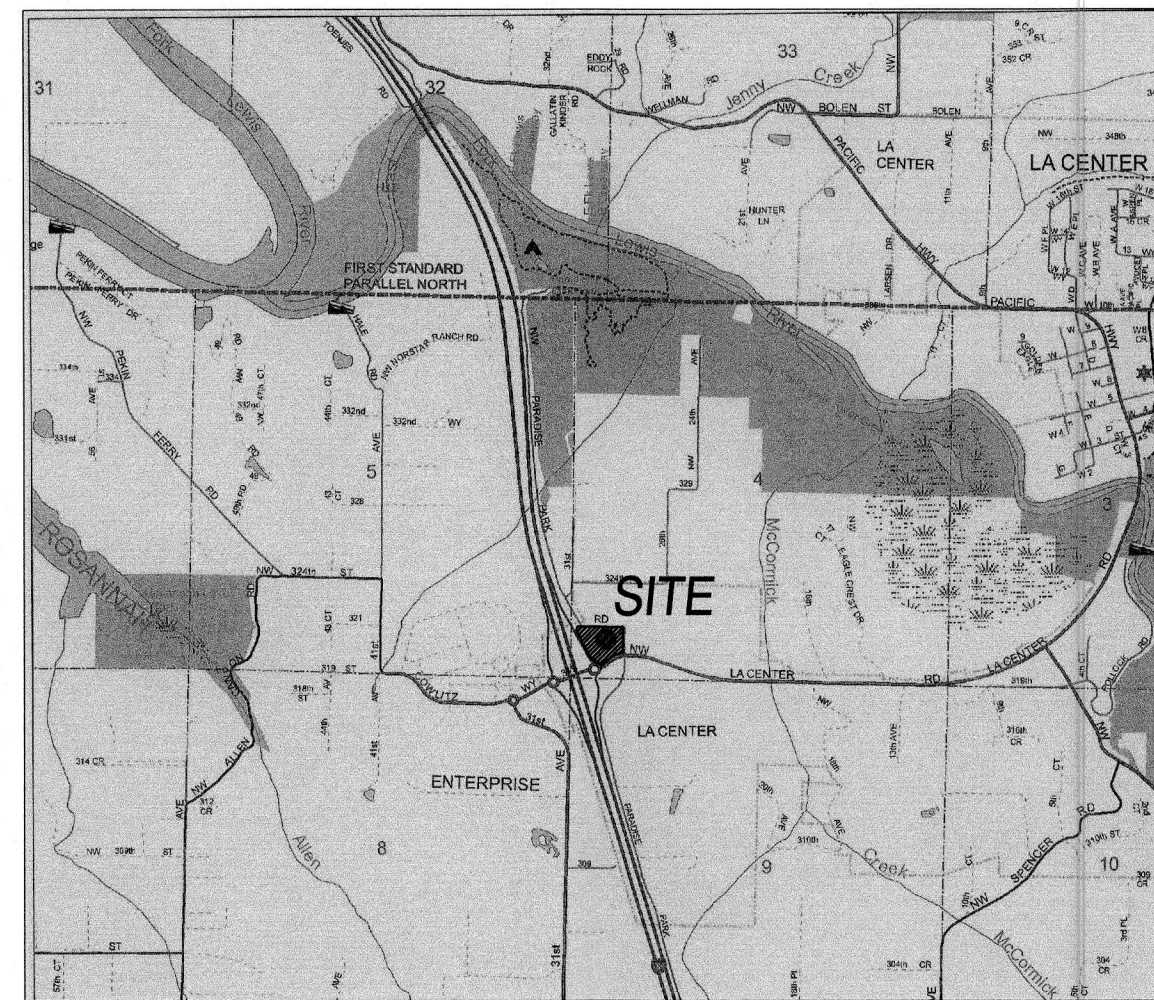
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## RATIO SERIES AREA-SITE LIGHTER

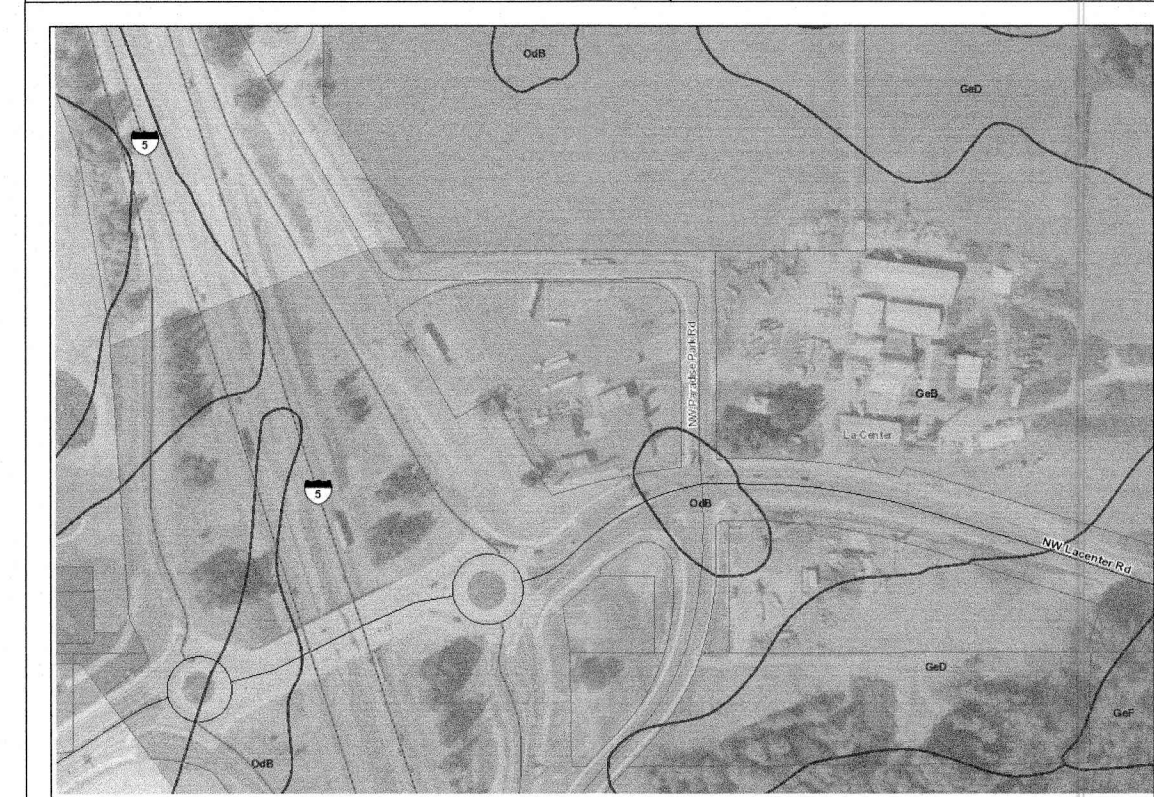
### ADDITIONAL INFORMATION (CONT'D)







**VICINITY MAP**  
NTS SEC, 04 T4N R1E W.M.



**SOILS MAP**  
NTS

**CONSTRUCTION TIMING NOTES:**

1. THE CONTRACTOR SHALL ENSURE THAT THE EXISTING SIDEWALKS REMAIN CLEAR & FREE FROM CONSTRUCTION MATERIAL & DEBRIS AT ALL TIMES.
2. CONTRACTOR SHALL INSTALL SILT FENCING ALONG PERIMETER OF THE SITE PRIOR TO ANY ONSITE CONSTRUCTION ACTIVITY.
3. ONCE PROPOSED STORM SEWER STRUCTURES HAVE BEEN INSTALLED, THE CONTRACTOR SHALL INSTALL BMP'S AS SHOWN TO PREVENT SEDIMENT FROM ENTERING THE PROPOSED/EXISTING STORM SEWER SYSTEMS. BMP'S SHALL BE IN ACCORDANCE WITH CLARK COUNTY CODE CHAPTER 40.386.

LEGEND	
---	GRADING LIMITS
—298—	FINISHED GRADE CONTOUR
—298—	EXISTING CONTOUR

**WHEEL WASH NOTE**

A WHEEL WASH MAY BE REQUIRED IF CONSTRUCTION ENTRANCE IS NOT SUFFICIENT IN PREVENTING SEDIMENT FROM BEING TRACKED ONTO PAVEMENT. WHEEL WASH SHALL BE PER STANDARD PLAN E15 AND THE STORMWATER MANUAL. REFER TO SHEET C8.0 FOR STANDARD DETAIL.

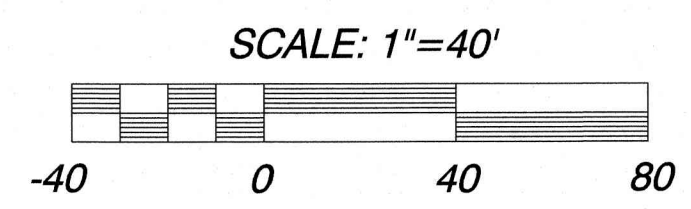
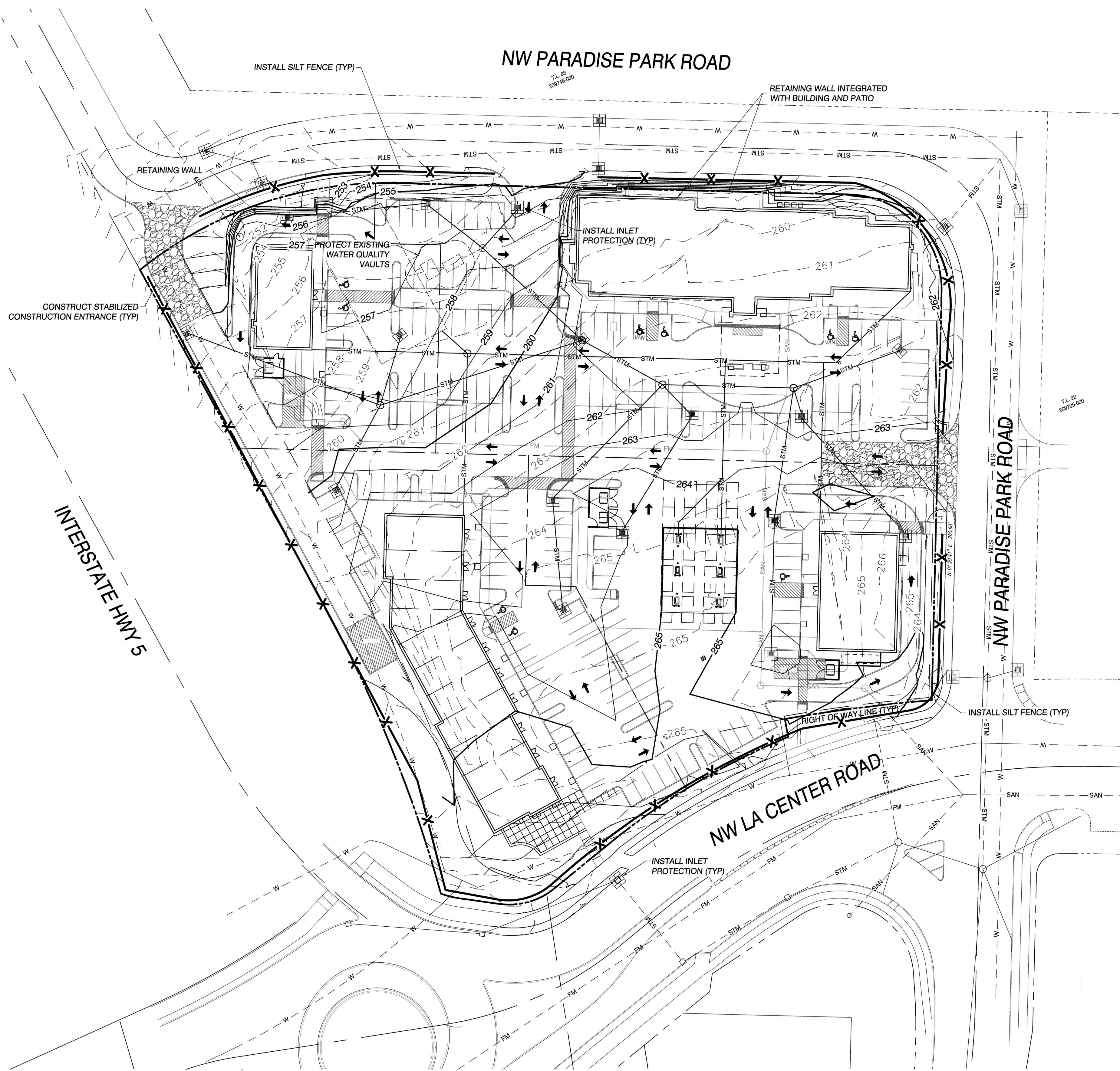
**STANDARD DETAIL NOTE**

ALL MATERIALS AND METHODS OF CONSTRUCTION AND INSTALLATION FOR WATER, STORM WATER FACILITIES, AND EROSION CONTROL MEASURES SHALL CONFORM TO CITY OF VANCOUVER ENGINEERING SERVICES' GENERAL REQUIREMENTS AND DETAILS FOR THE DESIGN AND CONSTRUCTION OF WATER AND SURFACE WATER SYSTEMS. CONSTRUCTION SHALL BE AS PER THE MOST CURRENT STANDARD DETAIL CONTAINED THEREIN.

**APPROXIMATE GRADING VOLUMES**

CUT	2,500 CY
FILL	3,380 CY

NOTE: CUT AND FILL AREAS AND VOLUMES ARE CALCULATED FROM EXISTING GROUND TO FINISHED GRADE AND ARE NOT ADJUSTED FOR STRIPPINGS, TRENCH EXCAVATION, STRUCTURAL EXCAVATION OR SHRINK/SWELL. CONTRACTORS ARE SOLELY RESPONSIBLE FOR QUANTITY ESTIMATES FOR BIDDING PURPOSES.



J:\data\9000\9800\9820\9825\Engineering\Prelim\4-SHEETS\9825.E.C1.0.GRADING AND EROSION.DWG GRADEROSION.STB

CLIENT:  
MINIT MANAGEMENT LLC.  
P.O. BOX 5998  
VANCOUVER, WA, 98668  
PH: (360) 901-3875  
FX: N/A  
CONTACT: DON RHOADS  
EMAIL: drhoads@tcgstores.com

PRELIMINARY GRADING AND EROSION PLAN FOR:

**MINIT MANAGEMENT**

LAND SURVEYORS  
ENGINEERS  
ENGINEERING INC. 222 E. EVERGREEN, VANCOUVER, WA 98660  
360-695-1395  
206-269-9666  
COPYRIGHT 2020, OLSON ENGINEERING, INC.

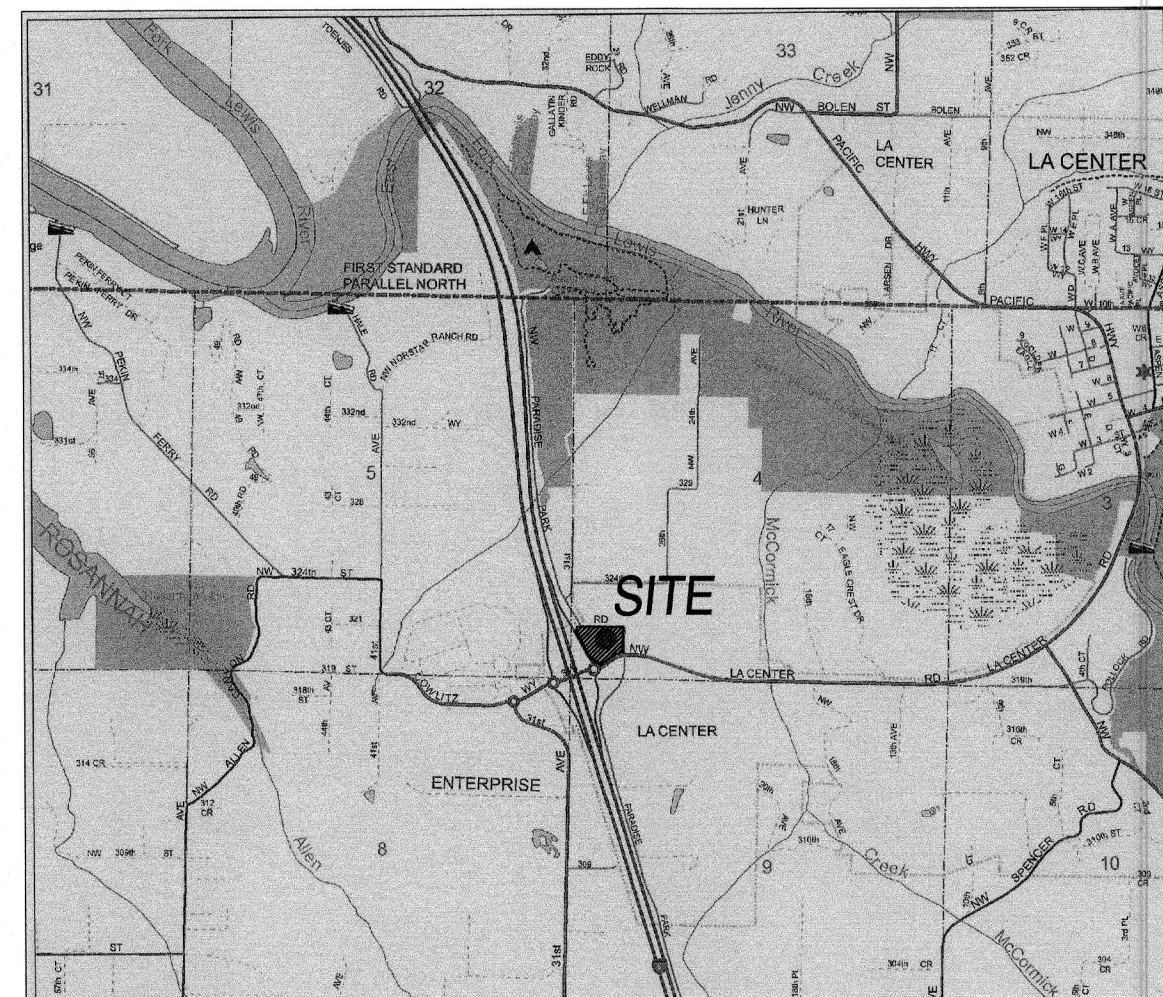


CHANGES / REVISIONS	
DESCRIPTION:	DATE:

DESIGNED: CEM  
DRAWN: TAS  
CHECKED: CEM  
DATE: FEBRUARY 2020  
SCALE: H: 1"= 40'  
V: N/A  
MINIT MANAGEMENT PH. 4  
JOB NO: 9825.01.01

**SHEET**  
**C1.0**





VICINITY MAP  
NTS SEC. 04 T4N R1E W.M.

LEGEND	
---	PERIMETER OF SITE
---	RIGHT-OF-WAY LINE
---	CENTERLINE OF ROAD
---	FACE OF CURB
---	LOT LINE
---	EASEMENT LINE
---	STM STORM SEWER LINE
---	EXIST STORM SEWER
---	SAN SANITARY SEWER LINE
---	EXIST SANITARY SEWER
---	W WATER SERVICE LINE
---	EXIST WATER LINE
---	123 GRADED CONTOUR LINE
---	EXIST CONTOUR LINE
○	MANHOLE
⊗	WATER VALVE AND BOX
⊕	FIRE HYDRANT ASSEMBLY
○	CLEAN OUT
▭	CATCH BASIN
△	THRUST BLOCK
⊠	WATER SERVICE METER
⊠	TELEPHONE RISER
⊠	GAS RISER
⊠	ELECTRIC RISER
⊠	UTILITY POLE
⊠	UTILITY POLE W/ LIGHT
⊠	SIGN POST

STORMWATER:

- SOILS ON SITE HAVE BEEN IDENTIFIED AS GEE SILT LOAM AND ODNE SILT LOAM BY THE SOIL SURVEY OF CLARK COUNTY, WA. INFILTRATION TESTING PERFORMED BY COLUMBIA WEST INDICATED RATES OF LESS THAN 0.1 INCHES PER HOUR.
- STORMWATER RUNOFF FROM MOST OF THE PAVEMENT AND SIDEWALK AREAS WILL BE COLLECTED VIA CATCH BASINS AND ROUTED THROUGH AN EXISTING COALESCING PLATE OIL-WATER SEPARATOR AND STORMFILTER VAULT. DISCHARGE FROM THE VAULT AND RUNOFF FROM ROOFS WILL BE ROUTED TO AN EXISTING UNDERGROUND DETENTION PIPE GALLERY FOR FLOW CONTROL PRIOR TO DISCHARGE TO THE EXISTING ROADSIDE DITCH. DUE TO SITE GRADES, PART OF THE SITE ENTRANCES AT THE NORTH AND NORTHWEST PORTIONS OF THE SITE WILL RUN INTO PARADISE PARK ROAD, WHERE IT WILL BE CAPTURED, TREATED, AND DETAINED IN AN EXISTING STORMWATER FACILITY; THE AREA DRAINING TO PARADISE PARK ROAD WILL BE REDUCED SIGNIFICANTLY FROM THAT WHICH CURRENTLY DRAINS THROUGH THE CITY'S STORM SYSTEM.
- STORM SEWER ACCESS AND INSPECTION EASEMENTS WILL BE DEDICATED TO THE CITY OF LA CENTER AS REQUIRED.
- STORMWATER FACILITY TO BE OWNED AND MAINTAINED BY THE PROPERTY OWNER.

SANITARY SEWER:

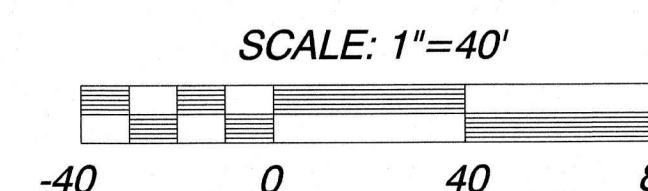
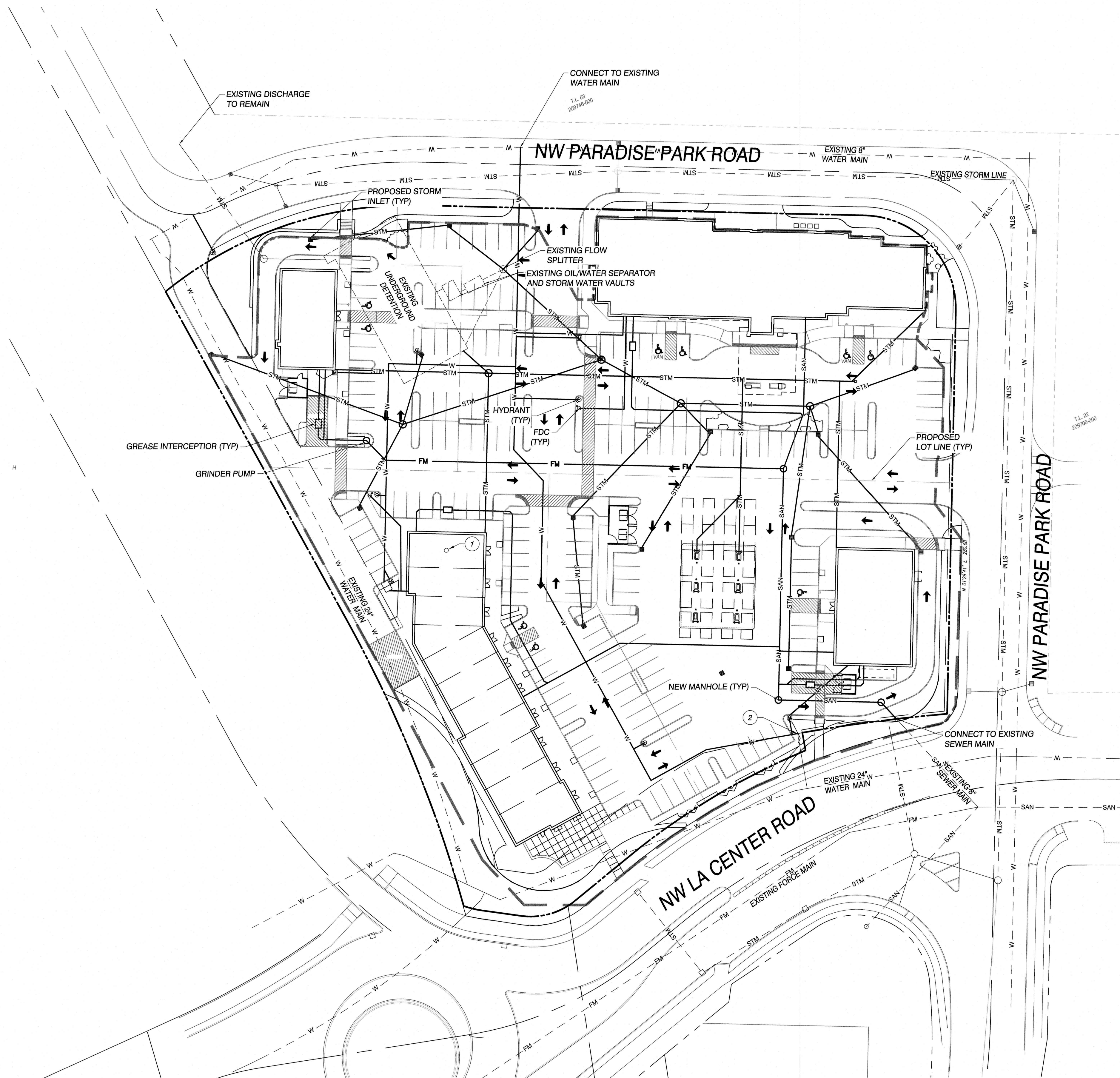
- SANITARY SEWER WILL BE COLLECTED AND ROUTED TO THE EXISTING SANITARY SEWER MAIN PREVIOUSLY EXTENDED INTO THE SOUTHEAST CORNER OF THE SITE. A GRINDER PUMP SYSTEM WILL BE NEEDED FOR THE BUILDING ON LOT 3 AT THE NORTHWEST CORNER OF THE SITE, AND A PORTION OF THE PROPOSED HOTEL MAY ALSO REQUIRE A GRINDER PUMP SYSTEM.

WATER:

- PUBLIC WATER WILL BE EXTENDED FROM THE EXISTING MAIN PREVIOUSLY EXTENDED INTO THE PROPERTY AND LOOPEO THROUGH THE SITE TO CONNECT WITH THE EXISTING CLARK PUBLIC UTILITIES MAIN NORTH OF THE PROJECT IN PARADISE PARK ROAD.
- FIRE PROTECTION SERVICES WILL BE PROVIDED WHERE REQUIRED.
- HYDRANTS WILL BE INSTALLED PER CITY OF RIDGEFIELD AND FIRE MARSHAL REQUIREMENTS.

KEY NOTES:

- APPROXIMATE LOCATION OF EXISTING WELL (TO BE REMOVED).
- CONNECT TO EXISTING WATER MAIN.



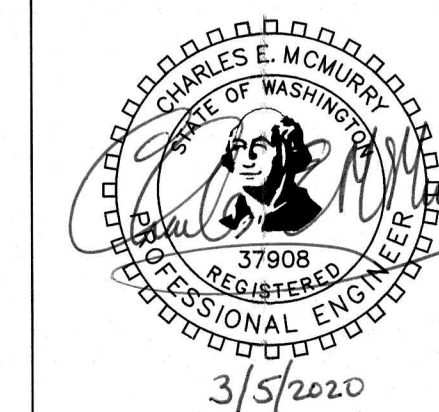
J:\data\9000\9800\9820\9825\Engineering\Prelim\4-SHEETS\9825.E\C2.0.STORMWATER AND UTILITY PLAN.DWG UTILITIES.STB

CLIENT:  
MINIT MANAGEMENT LLC.  
P.O. BOX 5998  
VANCOUVER, WA. 98668  
PH: (360) 901-3875  
FX: N/A  
CONTACT: DON RHOADS  
EMAIL: drhoads@tcgstores.com

STORMWATER AND UTILITY PLAN FOR:

MINIT MANAGEMENT

LAND SURVEYORS  
ENGINEERS  
OLSON  
ENGINEERING, INC. 222 E. EVERGREEN, VANCOUVER, WA 98660



CHANGES / REVISIONS

DESCRIPTION: DATE:

DESIGNED: CEM  
DRAWN: TAS  
CHECKED: CEM  
DATE: FEBRUARY 2020  
SCALE: H: 1"= 40'  
V: N/A  
MINIT MANAGEMENT  
JOB NO.: 9825.01.01

SHEET

C2.0



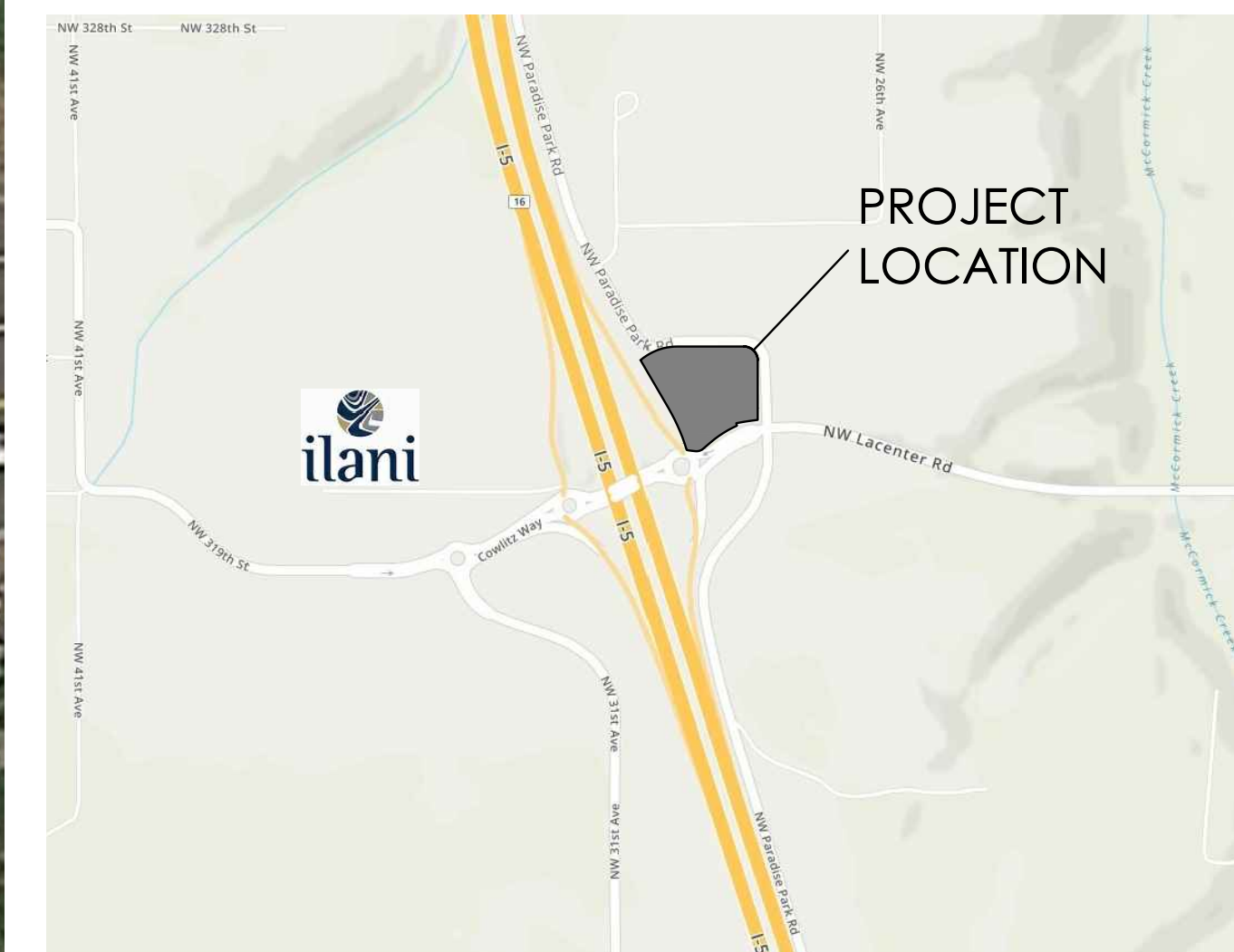


**SITE DATA**

Zoning	Current Vested	JP (Junction Plan) C-2 (Commercial)	4.35 ACRES 189,685 S.F.
Site Area :	Min. Parking req'd	Provided	
<b>Bldg. 1 (Minit Store)</b>	11.28	1/400 sf	4,510 S.F.
Bldg. 1 (Employee Parking)	2.00		(1 space / 2 empls)
<b>Bldg. 2 (Retail Shops)</b>	29.00	1/400 sf	11,600 S.F.
Bldg. 2 (Employee Parking)	11.00		(1 space / 2 empls)
<b>Bldg. 3 (Fast Food)</b>	14.00	1/200 sf	2,800 S.F.
Bldg. 3 (Employee Parking)	4.00		(1 space / 2 empls)
<b>Bldg. 4 (Hotel - 101 units)</b>	101.00	1/ unit	13,915 S.F.
Bldg. 3 (Employee Parking)	6.00		(1 space / 2 empls)
<b>Total Building GLA (Gross) :</b>	<b>178.28</b>		<b>32,825 S.F.</b>
Site Coverage:			17.31%

Standard Parking Provided :	165 SPACES
Handicap Parking Provided :	4 SPACES
Handicap VAN Parking Provided :	5 SPACES
Electric Vehical Charging Spaces (EV) 5%:	10 SPACES
<b>Total Parking Provided :</b>	<b>184 SPACES</b>
Additional Vehical Queing Provided at Bldgs. 1 & 3	17 SPACES
Additional Vehical Queing Provided at Fuel Pumps	20 SPACES

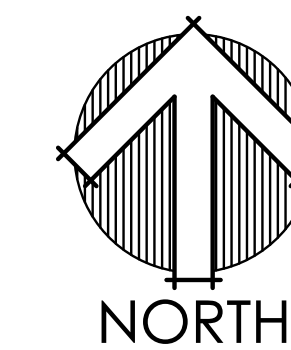
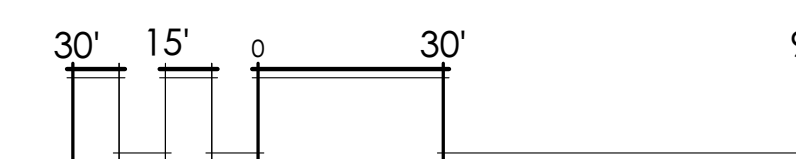
Loading Berths Required (30k-100k = 2)	<b>3 PROVIDED</b>
Bicycle Parking	<b>18 PROVIDED</b>



**VICINITY MAP**

**SITE PLAN**

MINIT MANGEMANT, LLC - LA CENTER | LA CENTER, WA

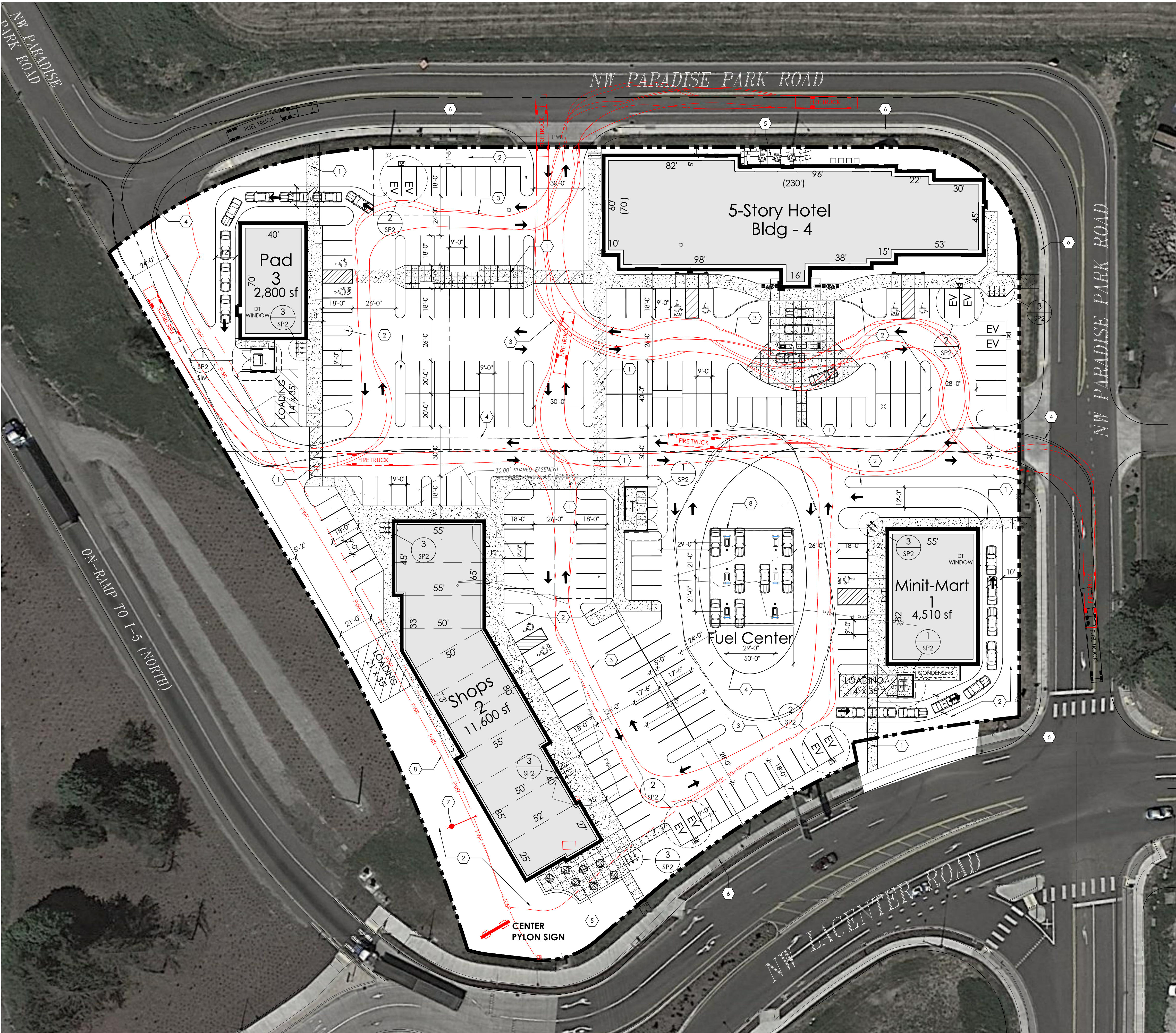


03 . MARCH . 2020

**SGA**  
SUTTON|GODWIN  
ARCHITECTURE, LLC

ARCHITECTURE  
PLANNING  
DESIGN  
503.347.4685 | 503.201.0725  
www.sg-arch.net





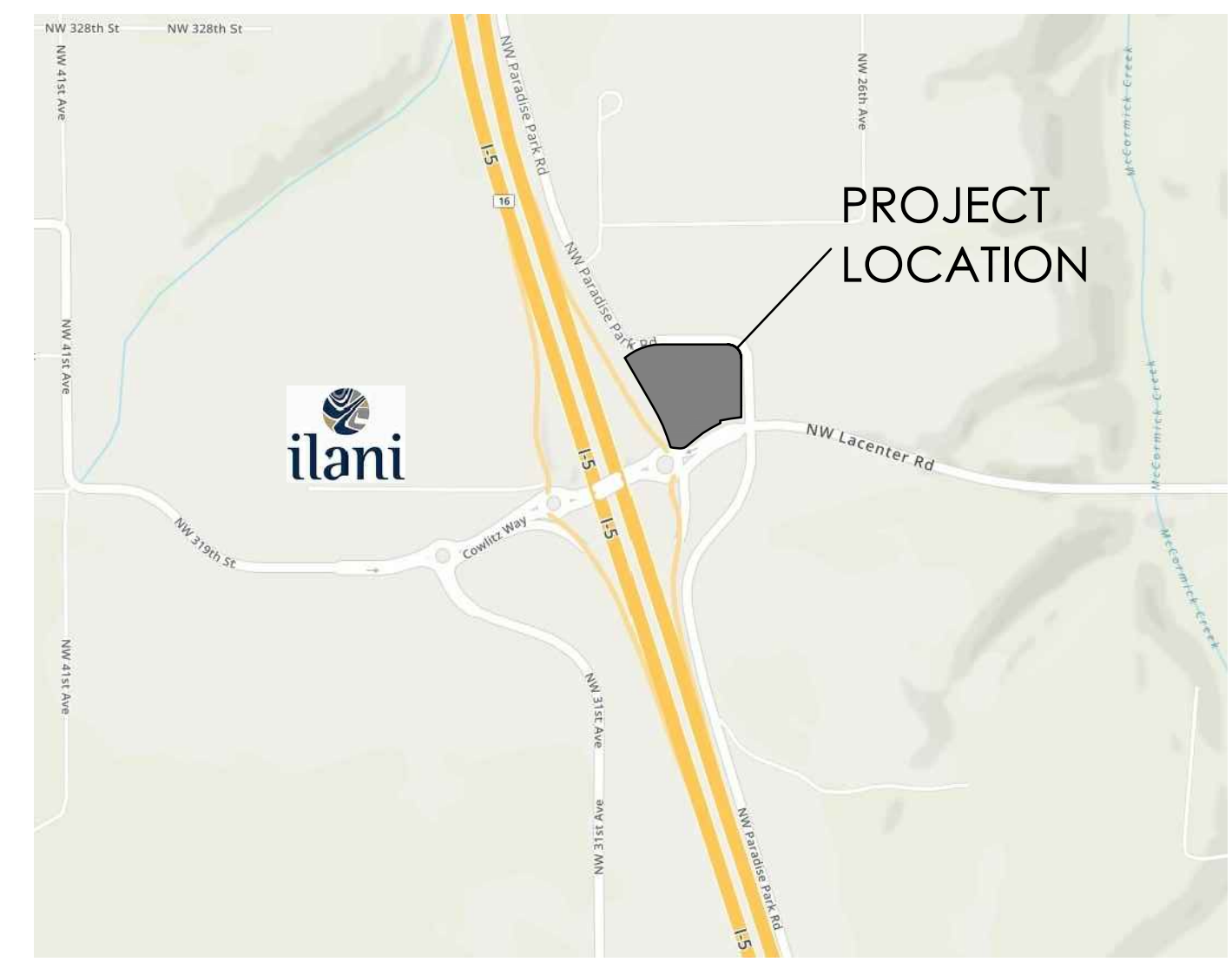
**SITE DATA**

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Additional Vehical Queing Provided at Fuel Pumps	20 SPACES
Loading Berths Required (30k-100k = 2)	3 PROVIDED
Bicycle Parking	18 PROVIDED

**KEYNOTES (SITE PLAN)**

- 1 6'-0" WIDE PEDESTRIAN WALKWAYS (SEE CIVIL)
- 2 LANDSCAPED AREAS (SEE LANDSCAPE PLAN)
- 3 FIRE TRUCK MANEUVERING PATH (47' LONG ENGINE)
- 4 FUEL TANKER MANEUVERING PATH (57'- 60' LONG TANKER)
- 5 OUTDOOR GATHERING AREAS WITH FURNISHINGS
- 6 EXISTING PUBLIC SIDEWALKS (SEE CIVIL & SURVEY)
- 7 EXISTING POWER POLE AND GUY WIRE
- 8 LINE OF FUEL CANOPY (+/- 18'-0" HIGH)
- 9 EXISTING OVERHEAD POWER LINES
- PROPOSED BUILDING FOOTPRINT (SEE ARCH. PLANS)
- BICYCLE RACKS (SEE SHT. SP-02)
- ELECTRIC VEHICLE CHARGING STATIONS (EV) (SEE SHT. SP-02)
- T. TRASH ENCLOSURES (CMU) MIN. 6'-0" HIGH WITH SLOPED ROOF (SEE SHT. SP-02)



**VICINITY MAP**

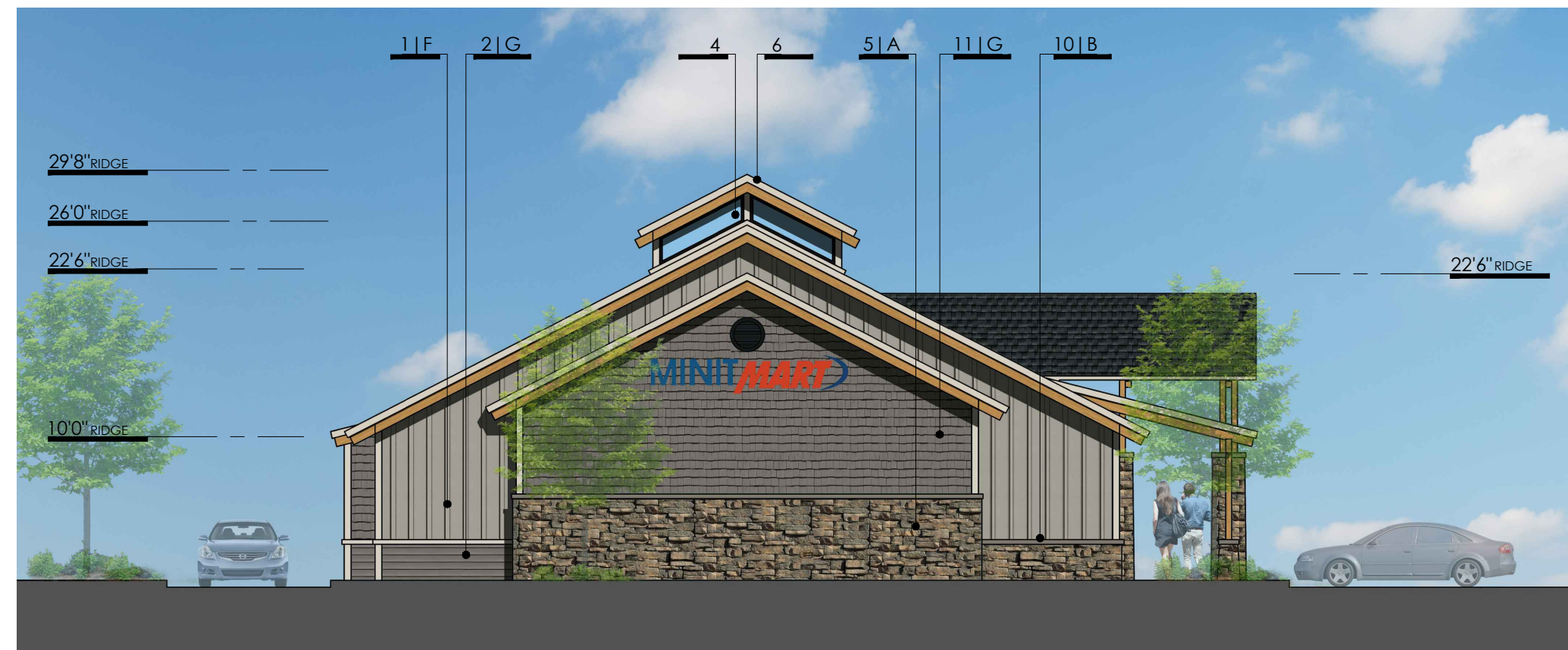


**SITE PLAN**

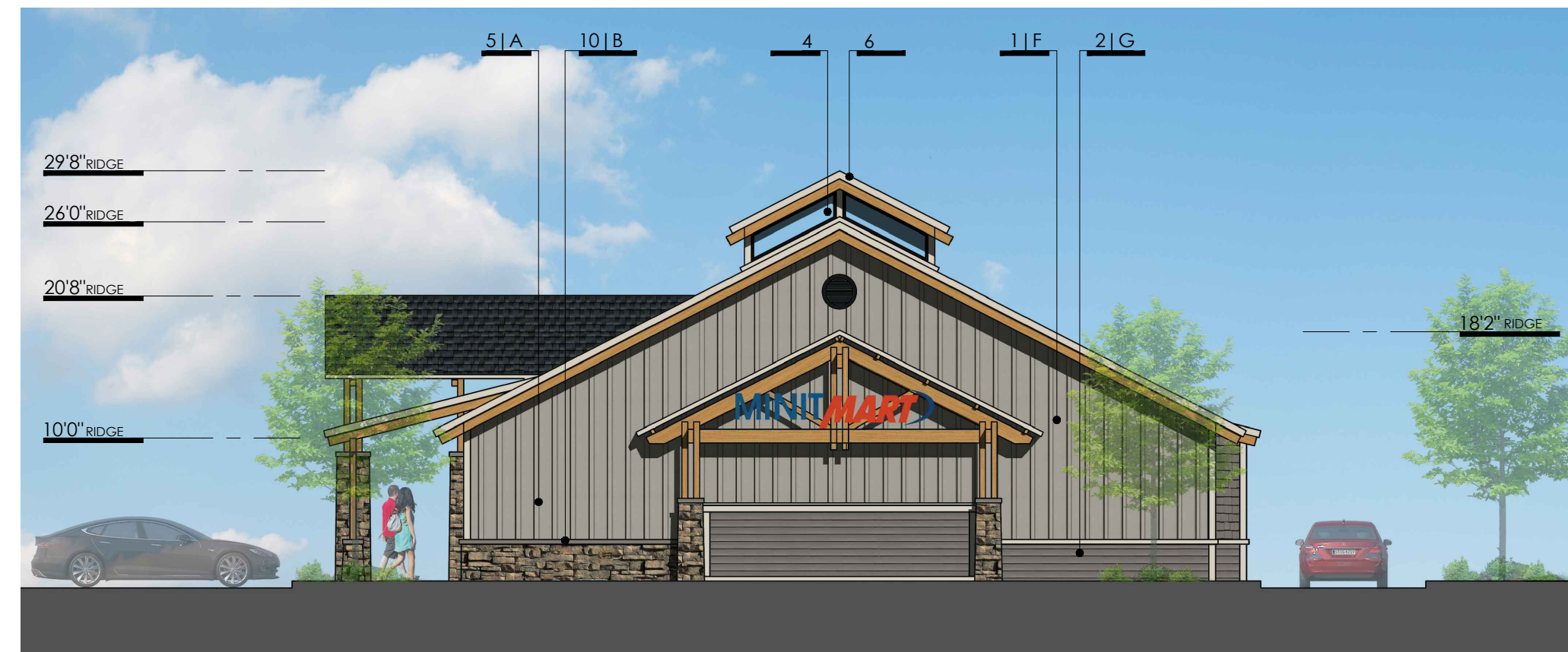




WEST | MAIN ENTRY



NORTH | FACING HOTEL



SOUTH | TRASH ENCLOSURE




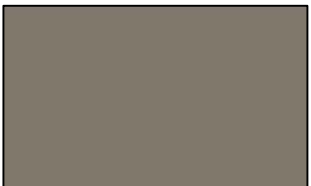
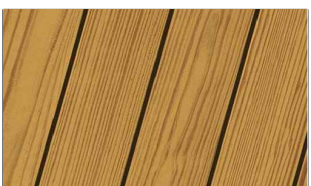



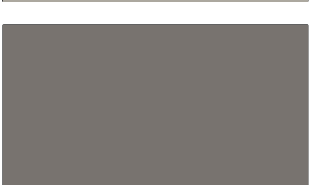
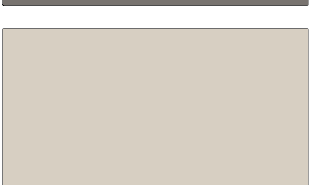
EAST | DRIVE-THRU

DESCRIPTIONS

1. BOARD & BATTEN WOOD SIDING w | WOOD\* TRIM ON LIGHT FRAMING
2. WOOD\* LAP SIDING ON LIGHT FRAMING
3. HEAVY TIMBER WOOD\* TRUSS
4. ALUMINUM STOREFRONT w/ CLEAR INSULATED GLAZING
5. THIN NATURAL STONE VENEER
6. GLASS MONITOR | CUPOLA
7. TIMBER FRAMED CANOPY w | EXPOSED WOOD\* UNDERSIDE
8. COMP. SHINGLE ROOFING
9. TIMBER COLUMNS ON STONE BASE
10. PRE-MANUFACTURED CAP AT STONE WAINSCOT
11. WOOD\* SHAKE SIDING
12. ALUMINUM FRAMED DRIVE-THRU WINDOW

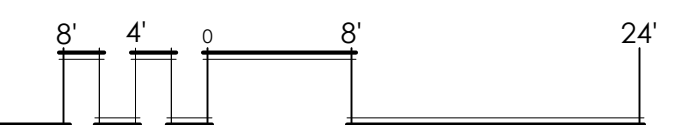
\* ALL REFERENCES TO WOOD ARE INTENDED TO INCLUDE NATURAL WOOD OR CEMENT BASED PRODUCTS (IE: JAMES HARDI OR NICHIHA WOOD-LOOK SYSTEMS)

COLORS | MATERIALS

- A.  THIN STONE | COMPOSITE STONE
- B.  COLOR: NATURAL CONCRETE
- C.  NATURAL WOOD: OLYMPIC STAIN 7003 "MOUNTAIN CEDAR"
- D.  COMP. SHINGLE ROOFING: GAF TIMBERLINE "CHARCOAL"
- E.  SIDING PAINT: SW 2839 "ROYCROFT COPPER"
- F.  SIDING PAINT: SW 7017 "DORIAN GRAY"
- G.  SIDING PAINT: SW 7019 "GAUNTLET GRAY"
- H.  TRIM PAINT: SW 7541 "GRECIAN IVORY"



NORTH



SCALE | 3/32" = 1'-0"

BUILDING No. 1 | C-STORE ELEVATIONS





EAST | ENTRIES

DESCRIPTIONS

1. BOARD & BATTEN WOOD SIDING w| WOOD\* TRIM ON LIGHT FRAMING
2. WOOD\* LAP SIDING ON LIGHT FRAMING
3. HEAVY TIMBER WOOD\* TRUSS
4. ALUMINUM STOREFRONT w/ CLEAR INSULATED GLAZING
5. THIN NATURAL STONE VENEER
6. GLASS MONITOR | CUPOLA
7. TIMBER FRAMED CANOPY w| EXPOSED WOOD\* UNDERSIDE
8. COMP. SHINGLE ROOFING
9. TIMBER COLUMNS ON STONE BASE
10. PRE-MANUFACTURED CAP AT STONE WAINSCOT
11. WOOD\* SHAKE SIDING
12. ALUMINUM FRAMED DRIVE-THRU WINDOW

\* ALL REFERENCES TO WOOD ARE INTENDED TO INCLUDE NATURAL WOOD OR CEMENT BASED PRODUCTS (IE: JAMES HARDI OR NICHIHA WOOD-LOOK SYSTEMS)


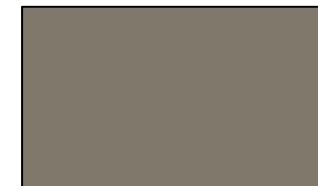
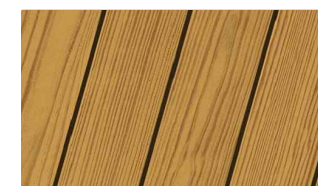



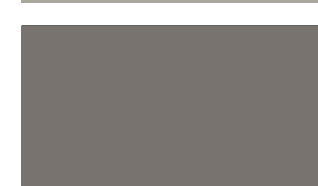
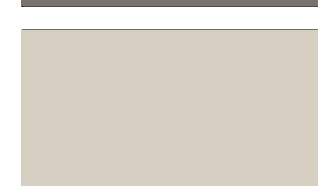


SOUTH | PLAZA



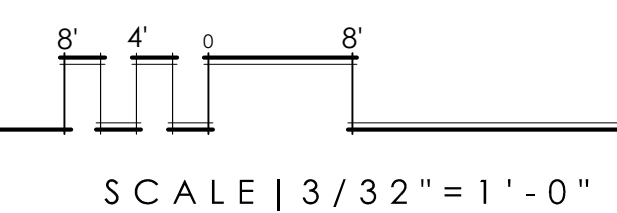
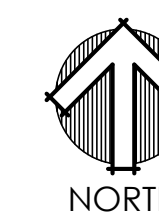
NORTH | FACING HOTEL

COLORS | MATERIALS

- A.  THIN STONE | COMPOSITE STONE
- B.  COLOR: NATURAL CONCRETE
- C.  NATURAL WOOD: OLYMPIC STAIN 7003 "MOUNTAIN CEDAR"
- D.  COMP. SHINGLE ROOFING: GAF TIMBERLINE "CHARCOAL"
- E.  SIDING PAINT: SW 2839 "ROYCROFT COPPER"
- F.  SIDING PAINT: SW 7017 "DORIAN GRAY"
- G.  SIDING PAINT: SW 7019 "GAUNTLET GRAY"
- H.  TRIM PAINT: SW 7541 "GRECIAN IVORY"

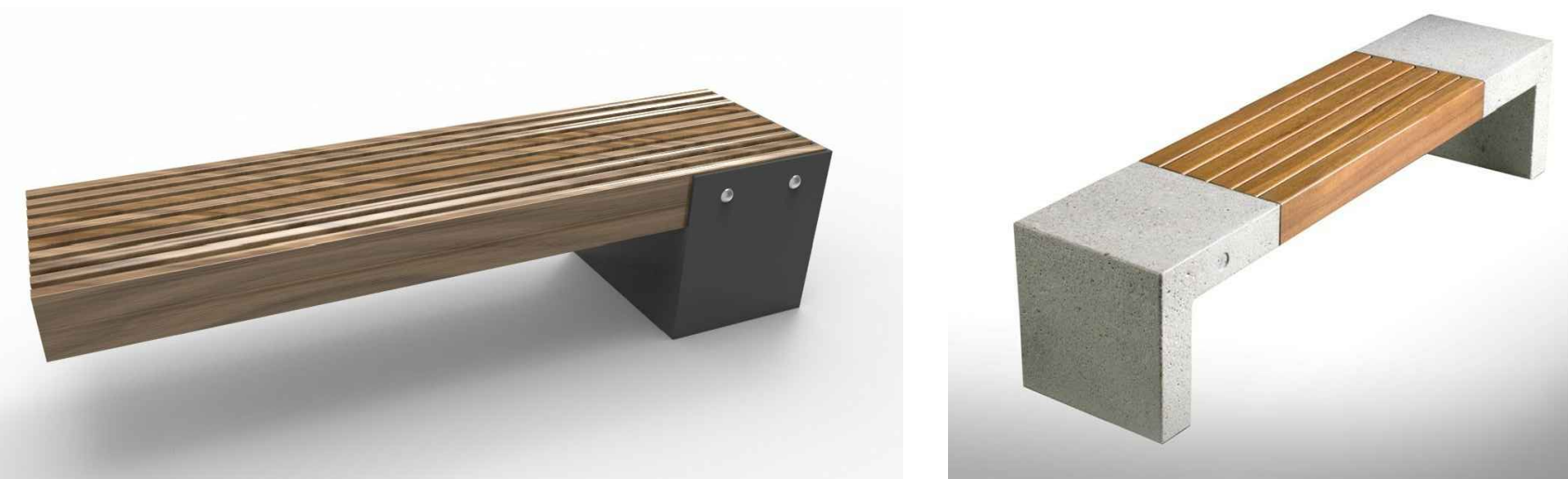


WEST | FACING HIGHWAY



BUILDING No. 2 | RETAIL BUILDING ELEVATIONS





**PLAZA BENCH - WOOD/METAL/STONE**



**TRASH / ASH RECEPTACLE OPTIONS**



LOOP STYLE OR EQUIV. - COLOR BLACK OR GALV.

**TYPICAL BIKE RACK @ PLAZAS**



DUEL PARKING SPACE INSTALLATION



EV CHARGING STATION AT CURB/PARKING SPACE

**ELECTRIC VEHICLE CHARGING STATION (EV)**

METAL STANDING SEAM ROOF

SLOPED ROOF WITH 4 x 4 STL. COLUMNS ON 6'-0" HIGH CMU OR CULTURED STONE EXTERIOR WALLS

STL. FRAMED GATES WITH HORZ. WOOD SIDING ATTACHED TO 6 x 6 STL. POSTS WITH HEAVY DUTY HINGES AND GATE CLOSERS. COLORS TO MATCH BUILDINGS

EV CHARGING STATION (MANUF. TO BE CONFIRMED)

CONC. PLAZA OR LANDSCAPING BEHIND EV STATION

METAL BARRIER

TYP. CURB AND PARKING SPACE



FRONT VIEW



SIDE VIEW



REAR VIEW

**TYPICAL TRASH ENCLOSURE**






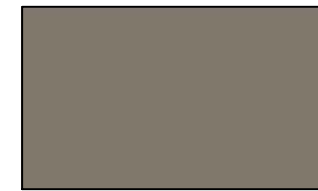




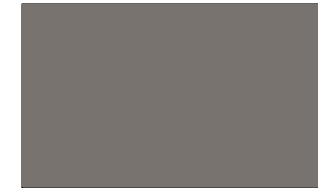
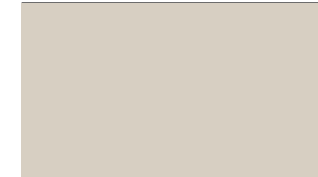
EAST | MAIN ENTRY

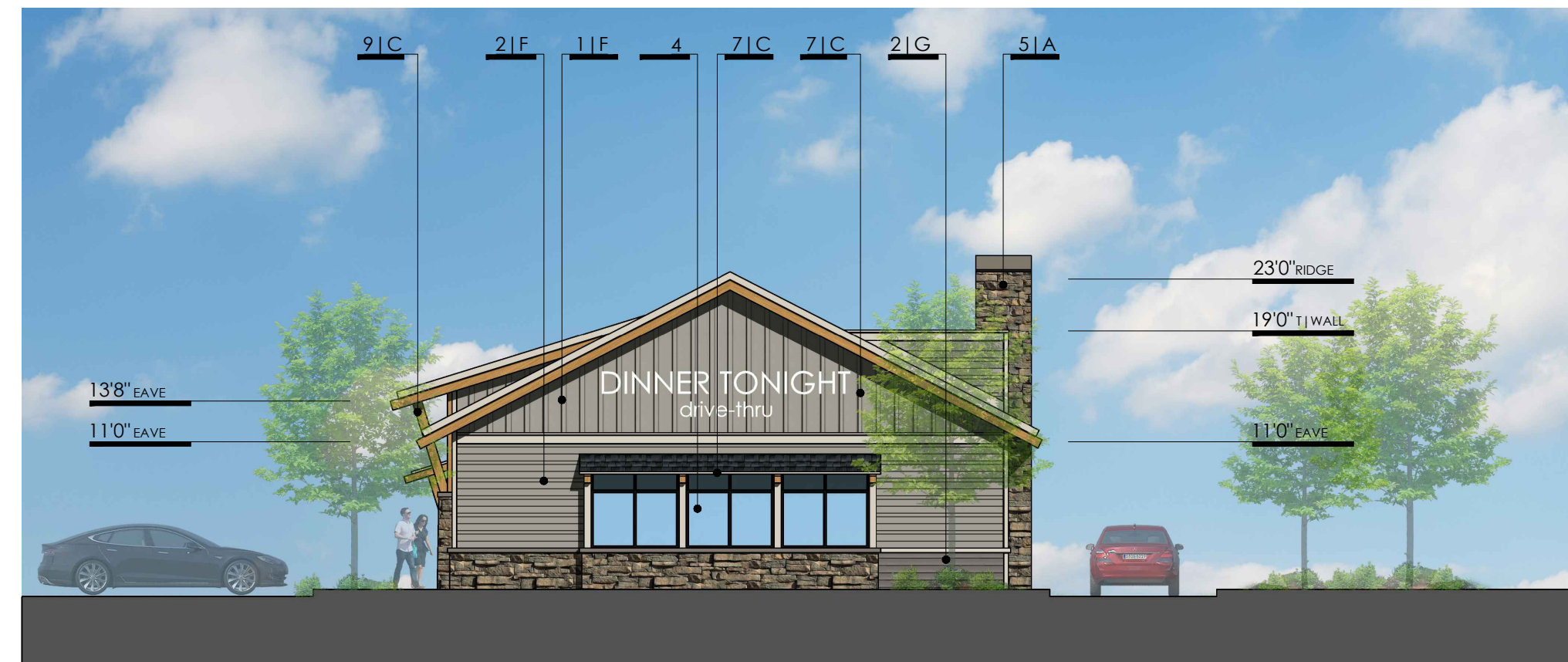
DESCRIPTIONS

1. BOARD & BATTEN WOOD SIDING w| WOOD\* TRIM ON LIGHT FRAMING
2. WOOD\* LAP SIDING ON LIGHT FRAMING
3. HEAVY TIMBER WOOD\* TRUSS
4. ALUMINUM STOREFRONT w/ CLEAR INSULATED GLAZING
5. THIN NATURAL STONE VENEER
6. GLASS MONITOR | CUPOLA
7. TIMBER FRAMED CANOPY w| EXPOSED WOOD\* UNDERSIDE
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11. WOOD\* SHAKE SIDING
12. ALUMINUM FRAMED DRIVE-THRU WINDOW

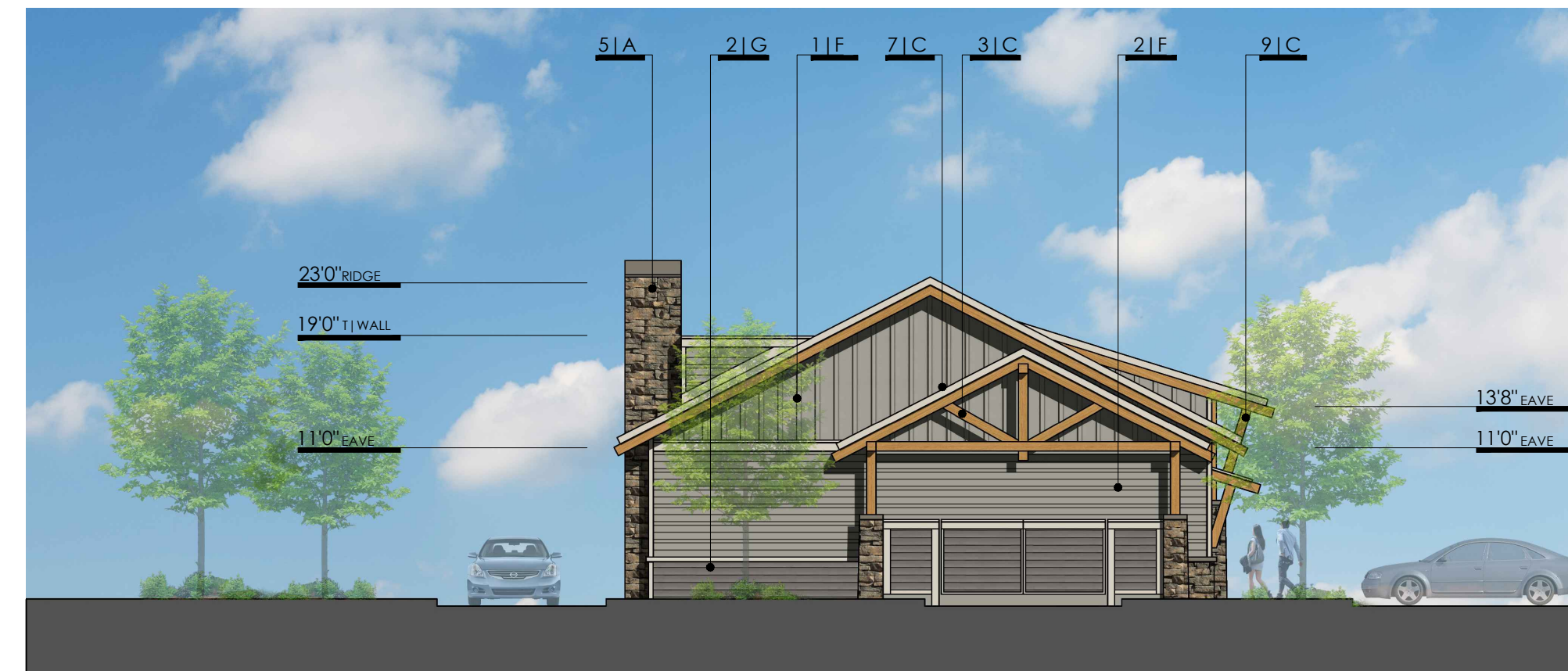
\* ALL REFERENCES TO WOOD ARE INTENDED TO INCLUDE NATURAL WOOD OR CEMENT BASED PRODUCTS (IE: JAMES HARDI OR NICHIHA WOOD-LOOK SYSTEMS)

COLORS | MATERIALS

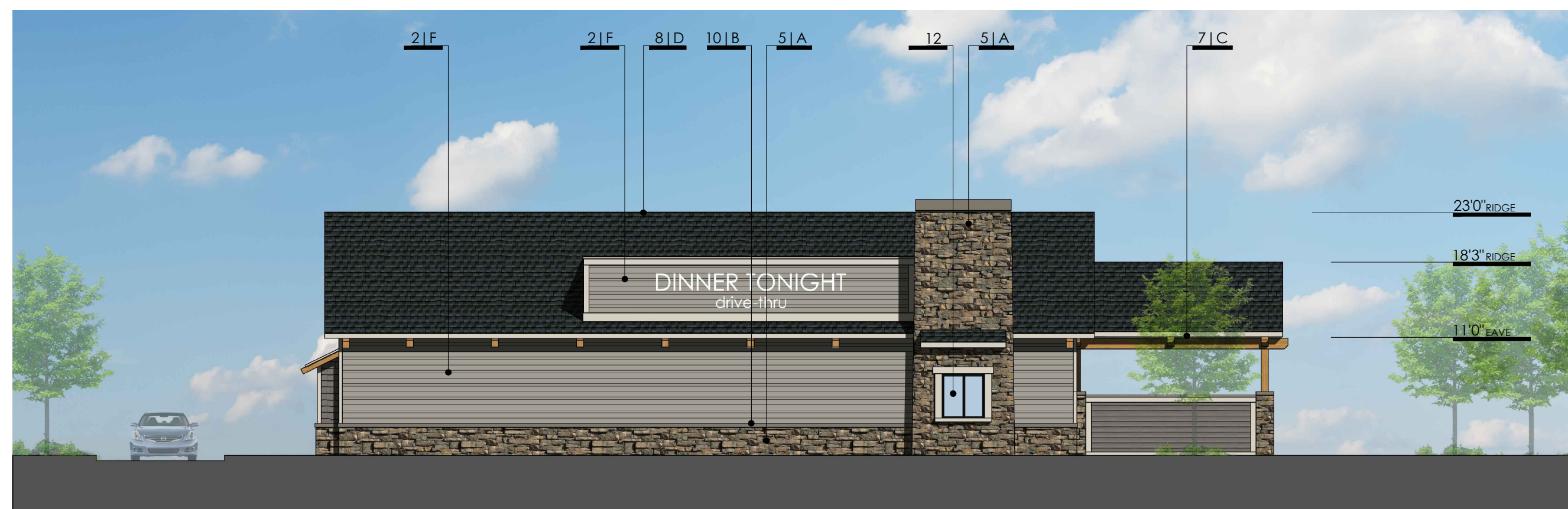
- A.  THIN STONE | COMPOSITE STONE
- B.  COLOR: NATURAL CONCRETE
- C.  NATURAL WOOD: OLYMPIC STAIN 7003 "MOUNTAIN CEDAR"
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NORTH | FACING HOTEL



SOUTH | TRASH ENCLOSURE

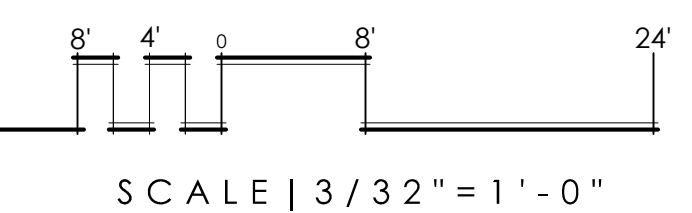


WEST | DRIVE-THRU

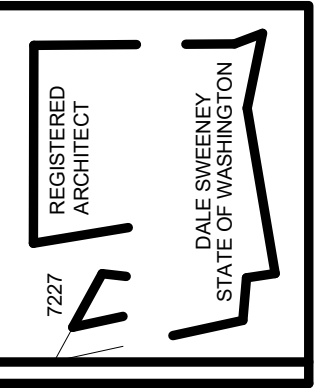
BUILDING No. 3 | DRIVE-THRU BUILDING ELEVATIONS



NORTH







**Dale Sweeney**  
 ARCHITECT  
 5715 143rd Place SE  
 Bellevue, WA 98006

Project Status  
 DESIGN DEVELOPMENT  
 DRAFT  
 NOT FOR CONSTRUCTION  
 ISSUE DATE:

NO.	DATE	REVISION DESCRIPTION

**HAMPTON INN AND SUITES**  
 MINT MANAGEMENT  
 LA CENTER, WA

Jurisdiction Stamps:

**RENDERING**

Plot Date: 3/12/2020 12:01:56 PM

SHEET NO.  
**A0.00**



NO.	DATE	Revision Description

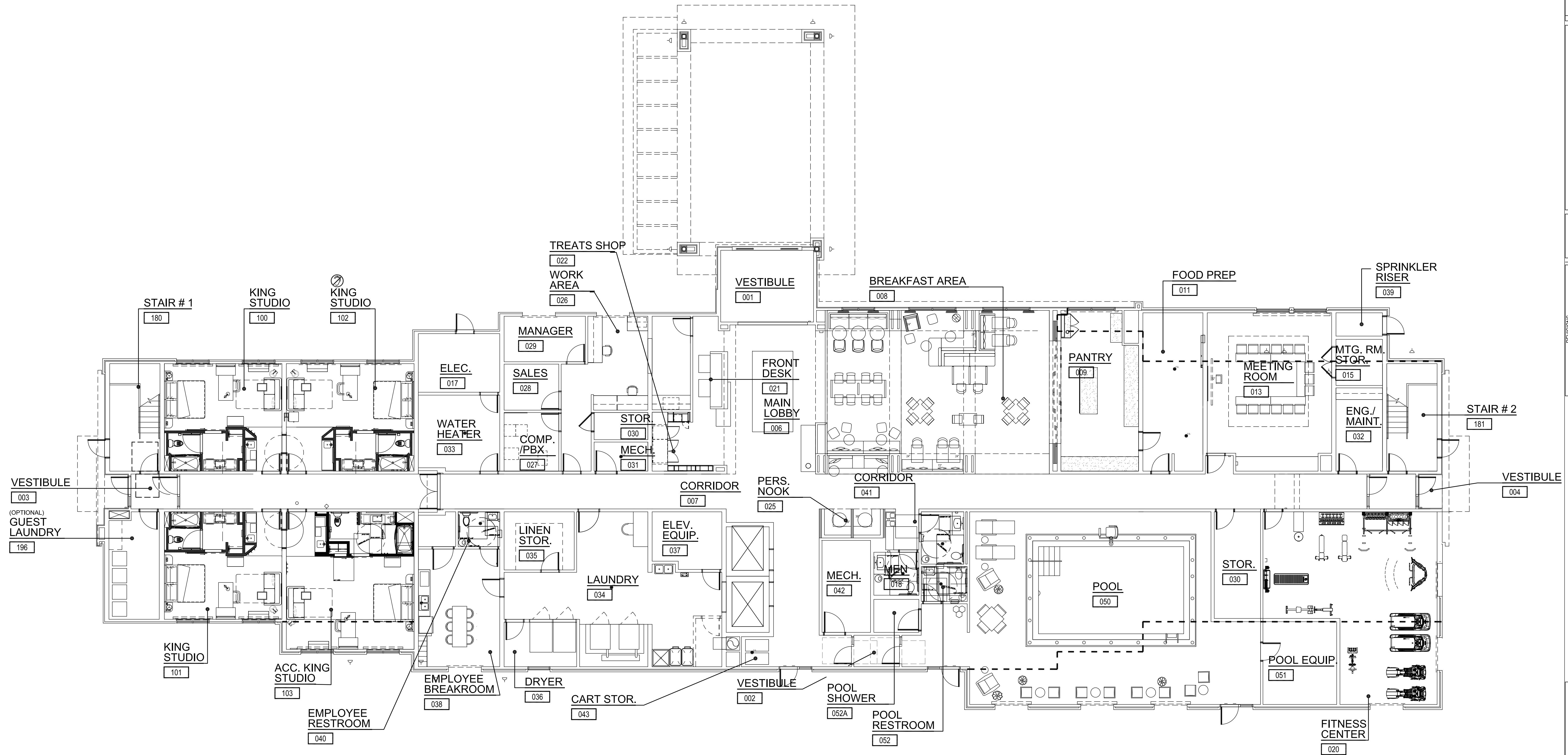
**HAMPTON INN AND SUITES**  
MINI MANAGEMENT  
LA CENTER, WA

Jurisdiction Stamps:

**FLOOR PLAN -LEVEL 1**

Plot Date: 3/11/2020 2:40:08 PM

SHEET NO.  
**A1.01**



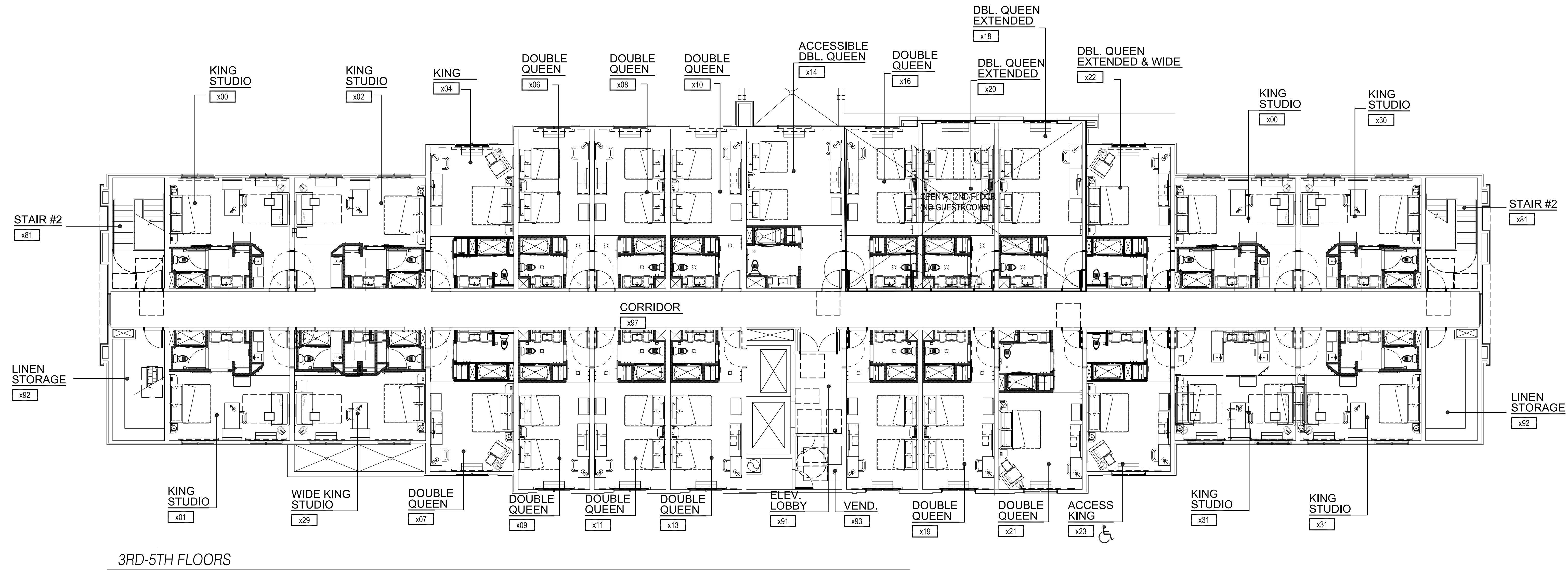
1ST FLOOR

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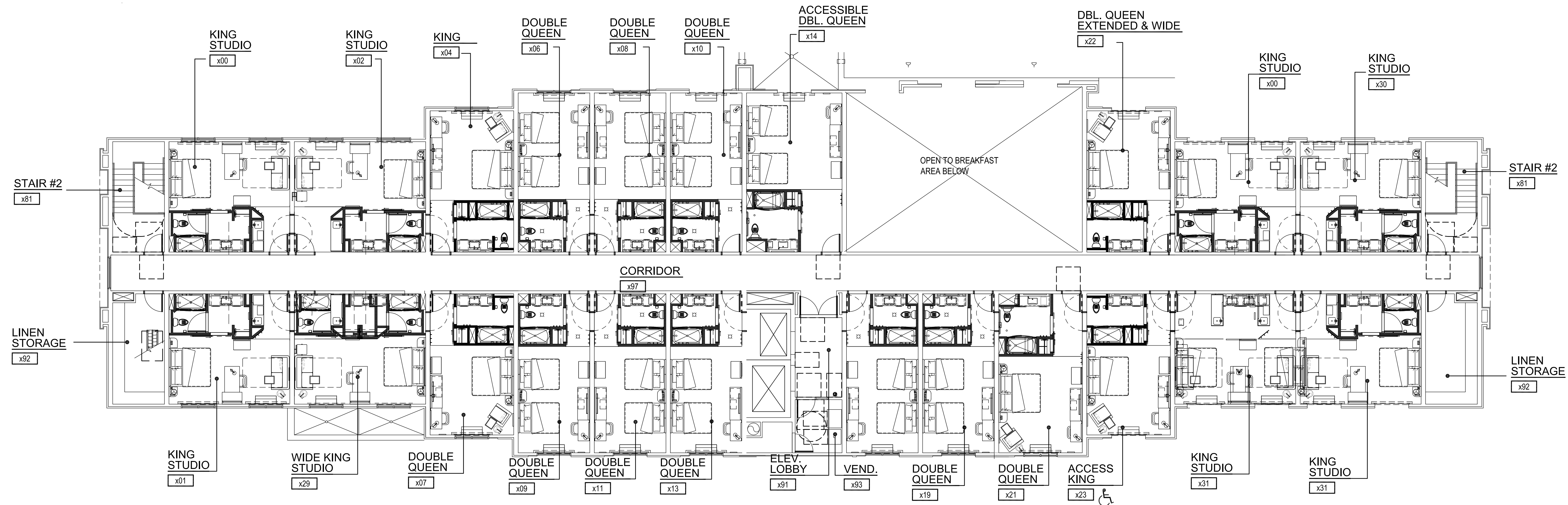
HAMPTON INN AND SUITES



NO.	DATE	Revision Description



3RD-5TH FLOORS

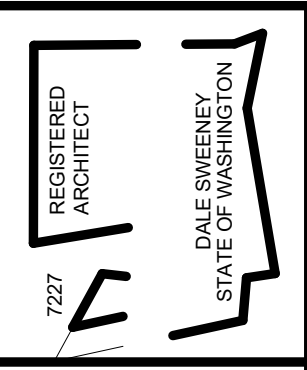


2ND FLOOR

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HAMPTON INN AND SUITES





**Dale Sweeney**  
—ARCHITECT—  
5715 143rd Place SE  
Bellevue, WA 98006

Project Status  
DESIGN DEVELOPMENT  
DRAFT  
NOT FOR CONSTRUCTION  
ISSUE DATE:

NO.	DATE	Revision Description

**1 SOUTH. ELEVATION**

SCALE: 1/8" = 1'-0"



**HAMPTON INN AND SUITES**  
MINIT MANAGEMENT  
LA CENTER, WA

Jurisdiction Stamps:

**ELEVATIONS**

Plot Date: 3/12/2020 12:02:20 PM

SHEET NO.  
**A2.01**

**2 EAST ELEVATION**

SCALE: 1/8" = 1'-0"





**1 NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"

REGISTERED ARCHITECT  
DALE SWEENEY  
STATE OF WASHINGTON

**Dale Sweeney**  
ARCHITECT  
5715 143rd Place SE  
Bellevue, WA 98006

Project Status  
DESIGN DEVELOPMENT  
DRAFT  
NOT FOR CONSTRUCTION  
ISSUE DATE:

NO.	DATE	Revision Description



**2 WEST ELEVATION**  
SCALE: 1/8" = 1'-0"

**HAMPTON INN AND SUITES**  
MINIT MANAGEMENT  
LA CENTER, WA

Jurisdiction Stamps:

**ELEVATIONS**

Plot Date: 3/12/2020 12:02:42 PM

**SHEET NO.**  
**A2.02**

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HAMPTON INN AND SUITES