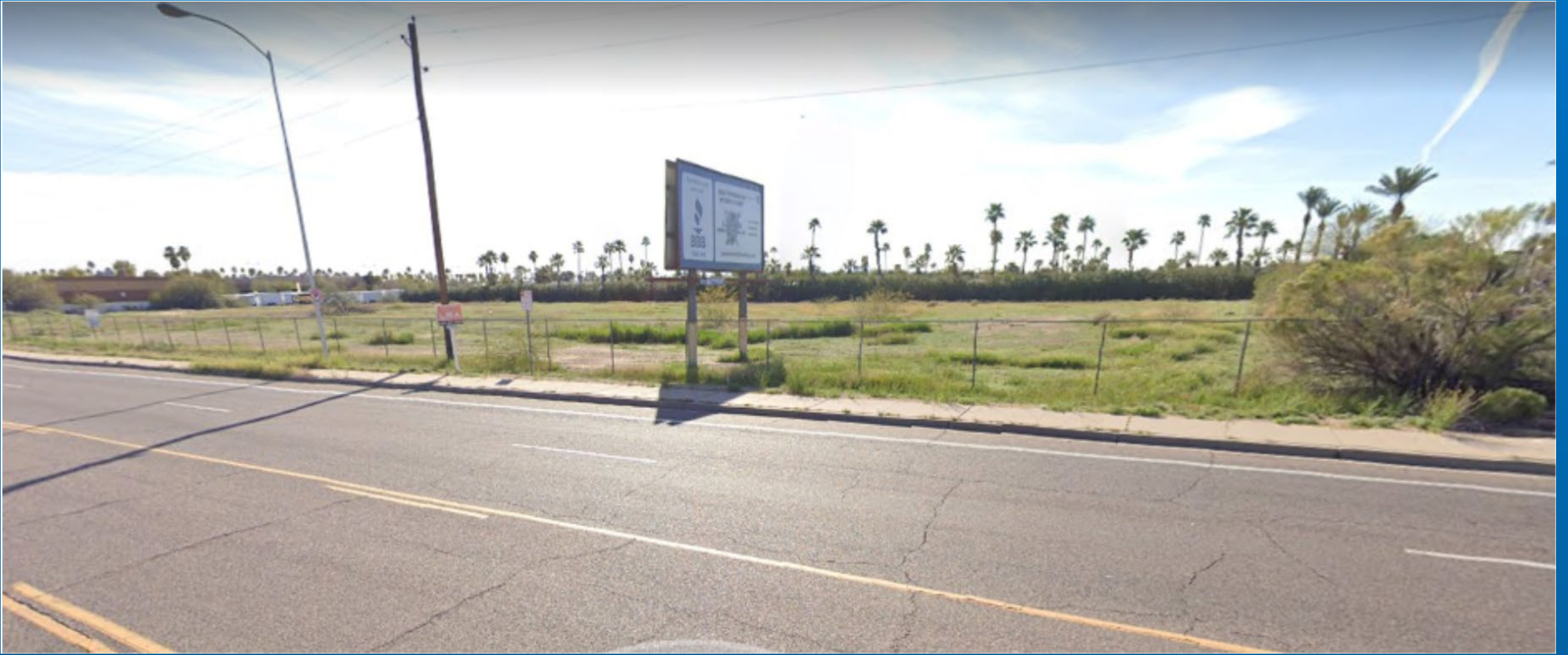


DESIGN REVIEW BOARD WORK SESSION

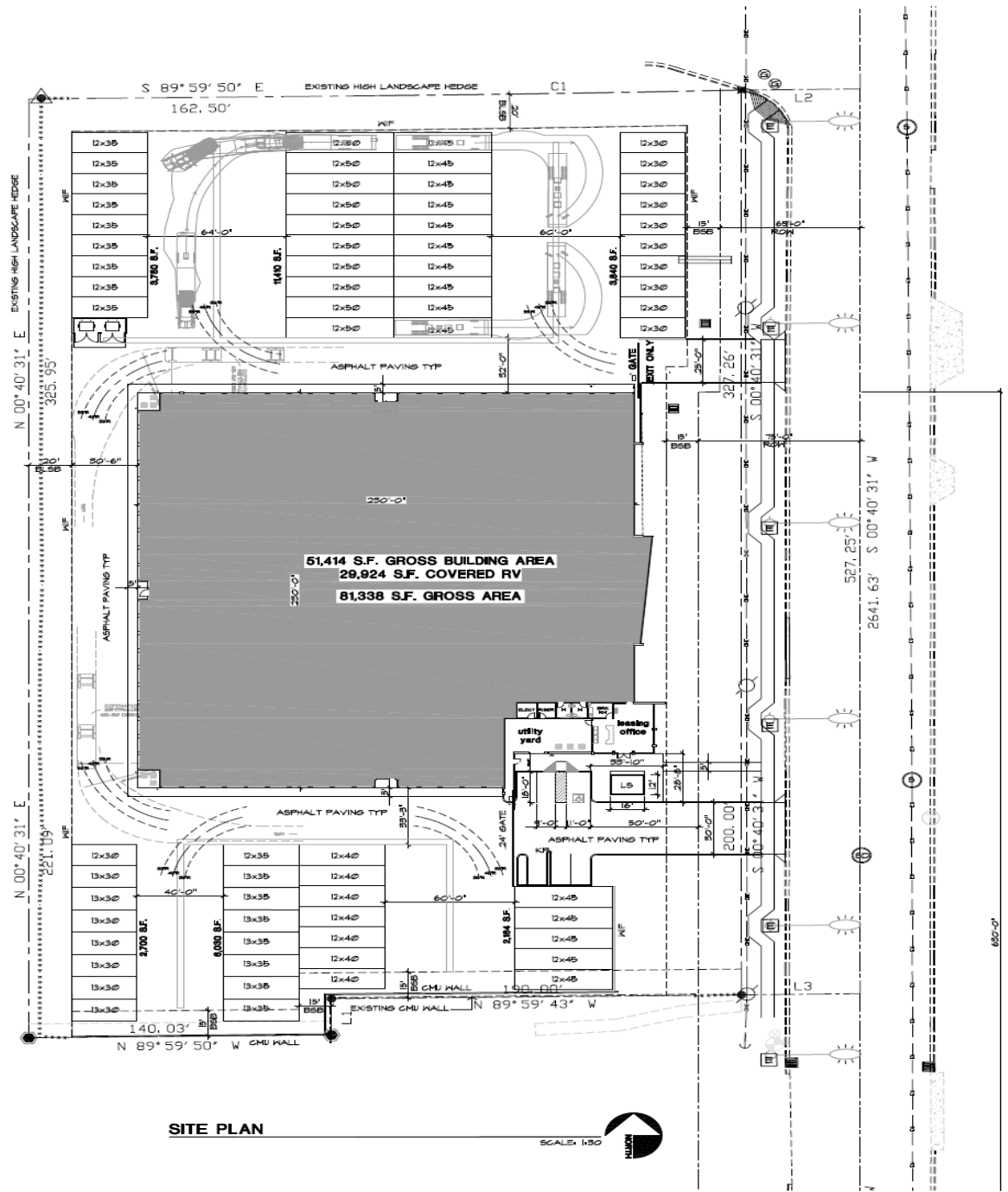
April 14, 2020

DRB20-00105





Looking southwest into the site

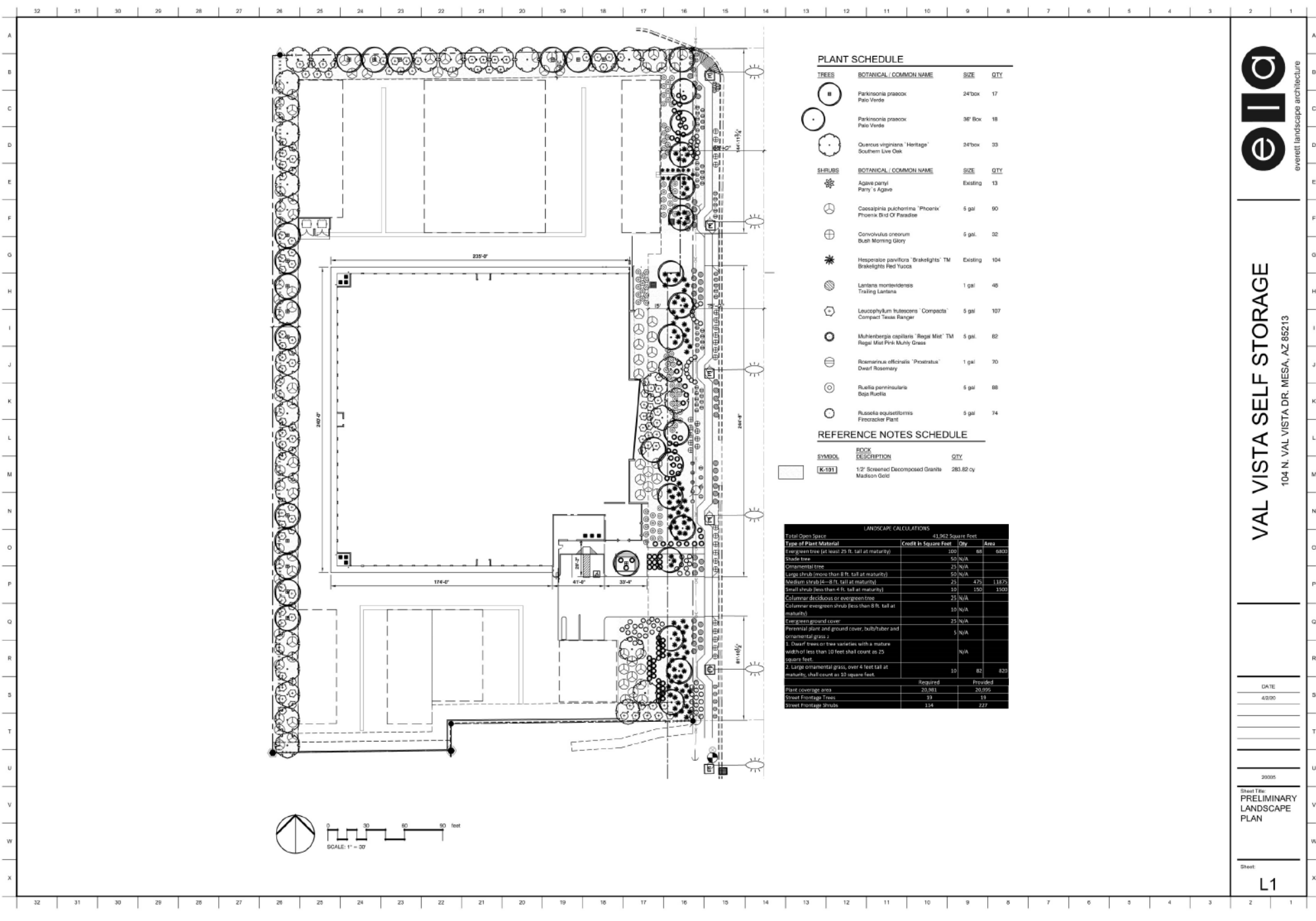


SITE PLAN



CENTER LINE OF MAIN

LANDSCAPE PLAN



PLANT SCHEDULE

TREES	BOTANICAL / COMMON NAME	SIZE	QTY
■	Parkinsonia praecox Palo Verde	24" box	17
●	Parkinsonia praecox Palo Verde	36" Box	18
○	Quercus virginiana 'Heritage' Southern Live Oak	24" box	33
SHRUBS	BOTANICAL / COMMON NAME	SIZE	QTY
✿	Agave parryi Parry's Agave	Existing	13
☸	Casagipha pulcherrima 'Phoenix' Phoenix Bird Of Paradise	5 gal	90
⊕	Convolvulus oreorum Bush Morning Glory	5 gal	32
✳	Hesperaloe parviflora 'Brakeights'™ Brakeights Red Yucca	Existing	104
⊖	Lantana montevidensis Trailing Lantana	1 gal	48
⬢	Leucophyllum frutescens 'Compacta' Compact Texas Ranger	5 gal	107
⊙	Muhlenbergia capillaris 'Regal Mist'™ Regal Mist Pink Munny Grass	5 gal	82
⊖	Rosemaria officinalis 'Prostratus' Dwarf Rosemary	1 gal	70
⊙	Ruellia parviflora Beja Ruellia	5 gal	88
⊙	Ruellia equisetiformis Firecracker Plant	5 gal	74

REFERENCE NOTES SCHEDULE

SYMBOL	ROCK DESCRIPTION	QTY
□	K-101 1/2" Screened Decomposed Granite Madison Gold	283.82 cy

LANDSCAPE CALCULATIONS			
Type of Plant Material	41,302 Square Feet	Qty	Area
Evergreen tree (at least 25 ft. tall at maturity)	100	86	6800
Shade tree	50	N/A	
Ornamental tree	25	N/A	
Large shrub (more than 8 ft. tall at maturity)	50	N/A	
Medium shrub (4-8 ft. tall at maturity)	25	475	11875
Small shrub (less than 4 ft. tall at maturity)	10	150	1500
Columnar deciduous or evergreen tree	25	N/A	
Columnar evergreen shrub (less than 8 ft. tall at maturity)	10	N/A	
Evergreen ground cover	25	N/A	
Perennial flower and ground cover, bulb/tuber and ornamental grass 1	5	N/A	
5. Dwarf trees or tree varieties with a mature width of less than 10 feet shall count as 25 ground feet.		N/A	
2. Large ornamental grass, over 4 feet tall at maturity, shall count as 10 square feet.	10	80	800
Plant coverage area	Required	Provided	
Street Frontage Trees	49	49	
Street Frontage Shrubs	114	227	



VAL VISTA SELF STORAGE

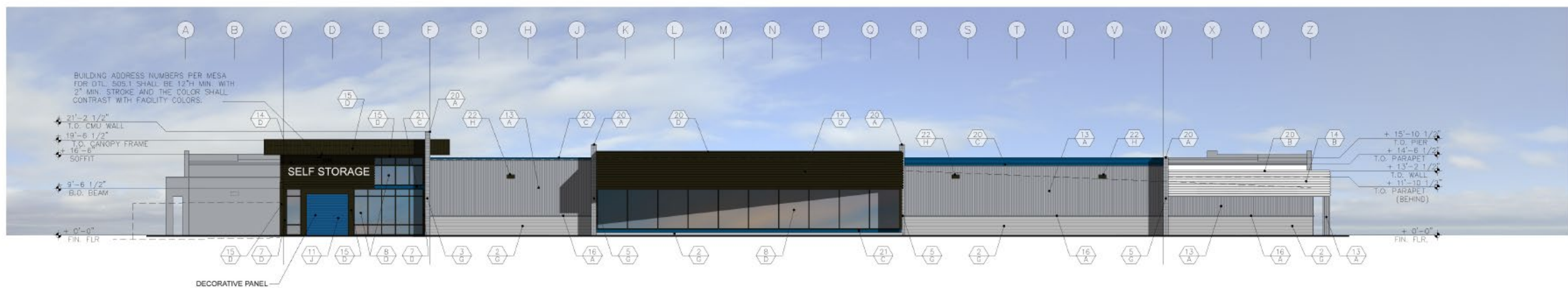
104 N. VAL VISTA DR. MESA, AZ 85213

DATE
4/3/20

20200

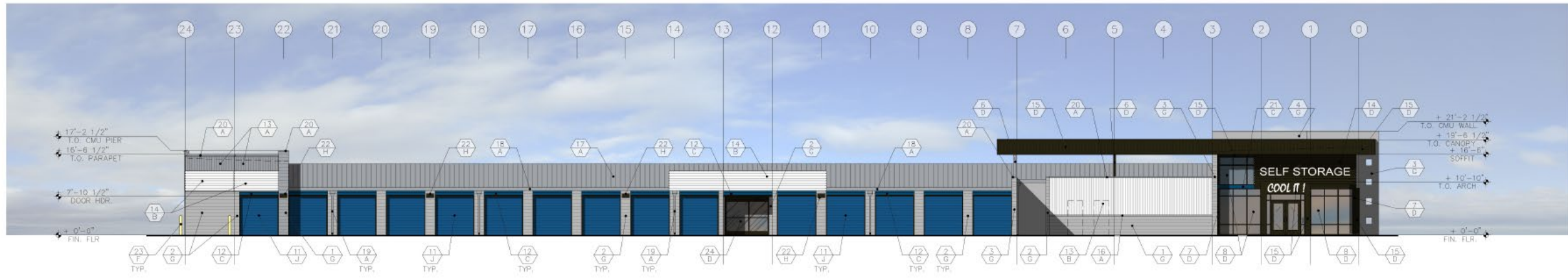
Sheet Title
**PRELIMINARY
LANDSCAPE
PLAN**

Sheet:
L1



EAST ELEVATION

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



SOUTH ELEVATION

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

MATERIAL CALCULATIONS

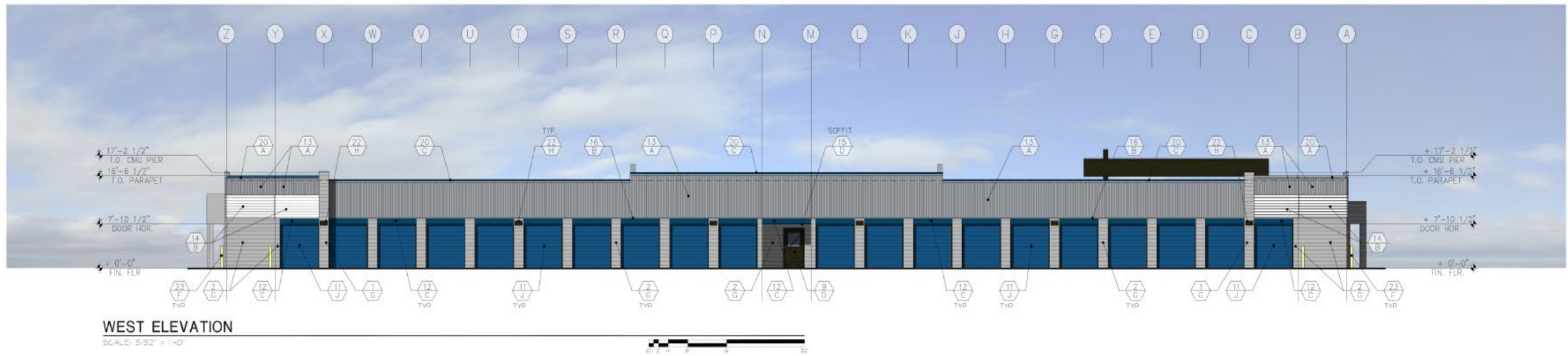
EAST ELEVATION 3,369 S.F.

1. CMU 650 S.F. = 19%
2. 'NU-WAVE' SIDING 1167 S.F. = 36%
3. BOX RIB PANEL 537 S.F. = 16%
4. FLAT SHEET WALL 119 S.F. = 3%
5. GLAZING 900 S.F. = 26%

MATERIAL CALCULATIONS

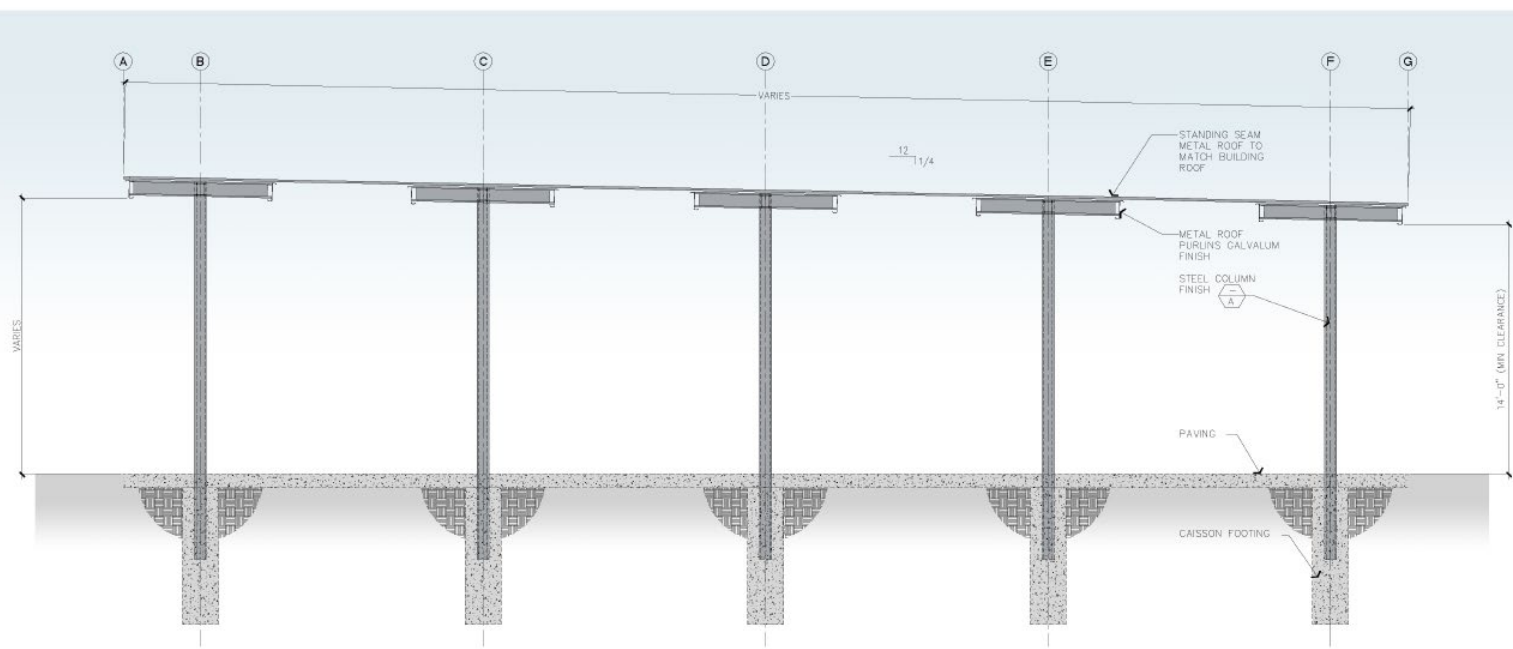
SOUTH ELEVATION 2,618 S.F.

1. CMU 510 S.F. = 20%
2. 'NU-WAVE' SIDING 280 S.F. = 10%
3. BOX RIB PANEL 1258 S.F. = 48%
4. FLAT SHEET WALL 250 S.F. = 9%
5. GLAZING 320 S.F. = 13%



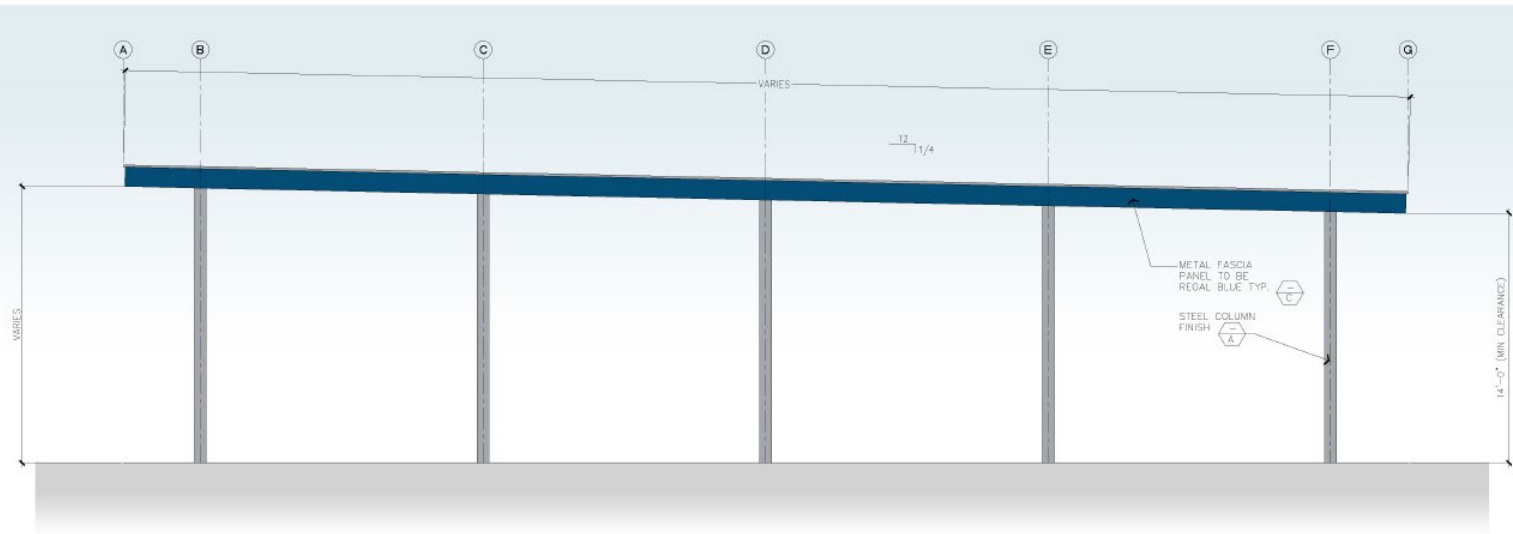
MATERIAL CALCULATIONS	
WEST ELEVATION 3,053 S.F.	
1.	CMU 675 SF. = 22%
2.	"NU-WAVE" SIDING 1220 SF. = 40%
3.	BOX RIB PANEL 1258 SF. = 41%

MATERIAL CALCULATIONS	
NORTH ELEVATION 2,553 S.F.	
1.	CMU 925 SF. = 36%
2.	"NU-WAVE" SIDING 280 SF. = 11%
3.	BOX RIB PANEL 1258 SF. = 49%
4.	GLAZING 90 SF. = 4%



CANOPY SECTION

SCALE: 1/4" = 1'-0"



CANOPY ELEVATION

SCALE: 1/4" = 1'-0"



**AEP SPAN
ZINCALUME PLUS**



**JANUS INTERNATIONAL
REGAL BLUE**



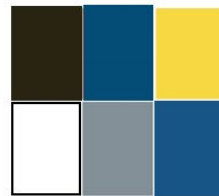
**AEP SPAN
DARK BRONZE**



**JANUS INTERNATIONAL
ROYAL BLUE**



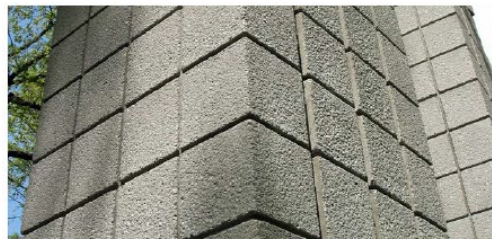
**DUNN EDWARDS
VIN-L-STRIPE YELLOW**



(conceptual colors)



(galvalume corrugated metal wall siding)



(scored cmu walls)



(louver wall siding)



(smooth cmu walls)



(B-deck wall siding)

- ✓ At least three distinct materials on each façade
- ✓ Exterior walls are proportioned to human scale
- ✓ Changes in plane and texture
- ✓ Building height is varied
- ✓ Entries are framed
- ✓ No more than 50% of a total façade may be covered with one single material



WSTM LED LED Mini Wall Sconce



Catalog Number	
Notes	
Type	

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The Architectural WSTM Mini-Wall Sconce is now available with the latest in LED technology. The result is a long-life, maintenance-free product with typical energy savings of 87% over metal halide versions. The diffuse lens eliminates harsh glare while producing comfortable illumination.

The WSTM LED is ideal for replacing existing 50-100W metal halide or 26-42W compact fluorescent wall-mounted products and can be mounted in either lens up or lens down orientation. The expected service life is over 10 years of nighttime use.

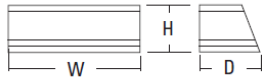
Specifications Luminaire

Height: 5-3/4"
(14.6 cm)

Width: 12-1/2"
(31.8 cm)

Depth: 7-1/2"
(19.1 cm)

Weight: 6 lbs.
(2.7 kg)



Ordering Information

EXAMPLE: WSTM LED 2A 40K 120 DDBTXD

Series	LEDs	Color temperature	Voltage	Mounting	Control options	Other options	Finish (required)
WSTM LED							
1A	One engine	30K 3000K	120	Shipped included (blank) Surface mount	Shipped installed PE Photoelectric cell, button type	Shipped installed (blank) Diffusing glass lens CGL Clear glass lens Shipped separately ² WG Wire guard ³	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone
2A	Two engines	40K 4000K	277 ¹	Shipped separately ² UTS Upright 5 degrees			

Stock configurations are offered for shorter lead times:

Stock Part Number

WSTM LED 1A 40K 120 DDBTXD
WSTM LED 2A 40K 120 DDBTXD

Accessories

Ordered and shipped separately.

WSTMUTS DDBXD U 5 degree uprilt accessory (specify finish)
WSTMWG U Wire guard accessory

NOTES

- Includes step-down transformer; see page 2 for more information.
- Also available as a separate accessory; see Accessories information at left.
- Not for inverted mounting.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts.

LEDs	Performance Package	System Watts ¹	30K (3000K, 80 CRI)					40K (4000K, 80 CRI)				
			Nominal Lumens	B	U	G	LPW	Nominal Lumens	B	U	G	LPW
1A	1A-K	9	673	0	0	0	75	733	0	0	1	81
2A	2A-K	17	1,308	1	0	0	77	1,277	1	0	0	75

- See electrical load chart for 277V system watts.

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier
0°C 32°F	1.05
10°C 50°F	1.03
20°C 68°F	1.01
25°C 77°F	1.00
30°C 86°F	0.99
40°C 104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the WSTM LED platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.86	0.74	0.54

Electrical Load

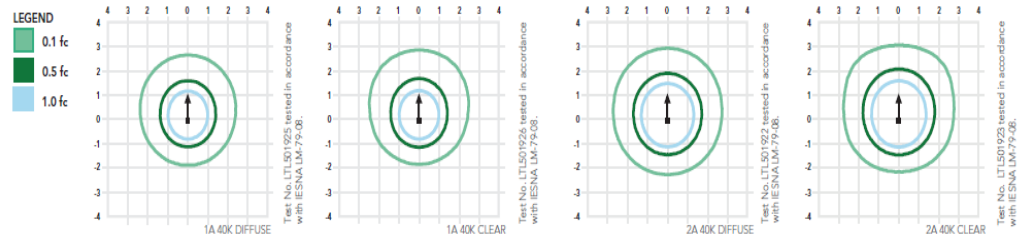
LEDs	System Watts	Current (A)	
		120	277
1A	9W 13W ¹	0.08 —	— 0.06
2A	17W 22W ¹	0.15 —	— 0.09

- Higher wattage is due to electrical losses from step-down transformer.

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [WSTM LED homepage](#).

Isofootcandle plots for the WSTM LED 40K. Distances are in units of mounting height (8').



- Staff has no major concerns
- The project meets the requirements of the MZO
- Staff welcomes any feedback on the proposed elevations

SUMMARY