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Elro elro signs
 CALIFORNIA
 400 West Walnut Street, Gardena, CA 90248
 (800) 927-4555 • Fax (310) 380-7451
 GEORGIA
 1640 Sands Place SE Suite A / Marietta, GA 30067
 Toll Free: (877) 367-3576 • Fax (770) 952-4710

REVISIONS		
NO.	COMMENTS	DATE
A	showed revisions per JM-PB	01/30/20
B	revised signs 3 & 4 per JM-PB	02/03/20

Client **CubeSmart self storage**
 Address **2419 Hwy 33, Neptune NJ**
 Design No. **26732** Store No. _____
 Scale: **AS NOTED** Sheet **1** of **11**
 Drawn By: **PB** Date **01/22/2020**
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Street View Photos

1



2



3



4



5



6



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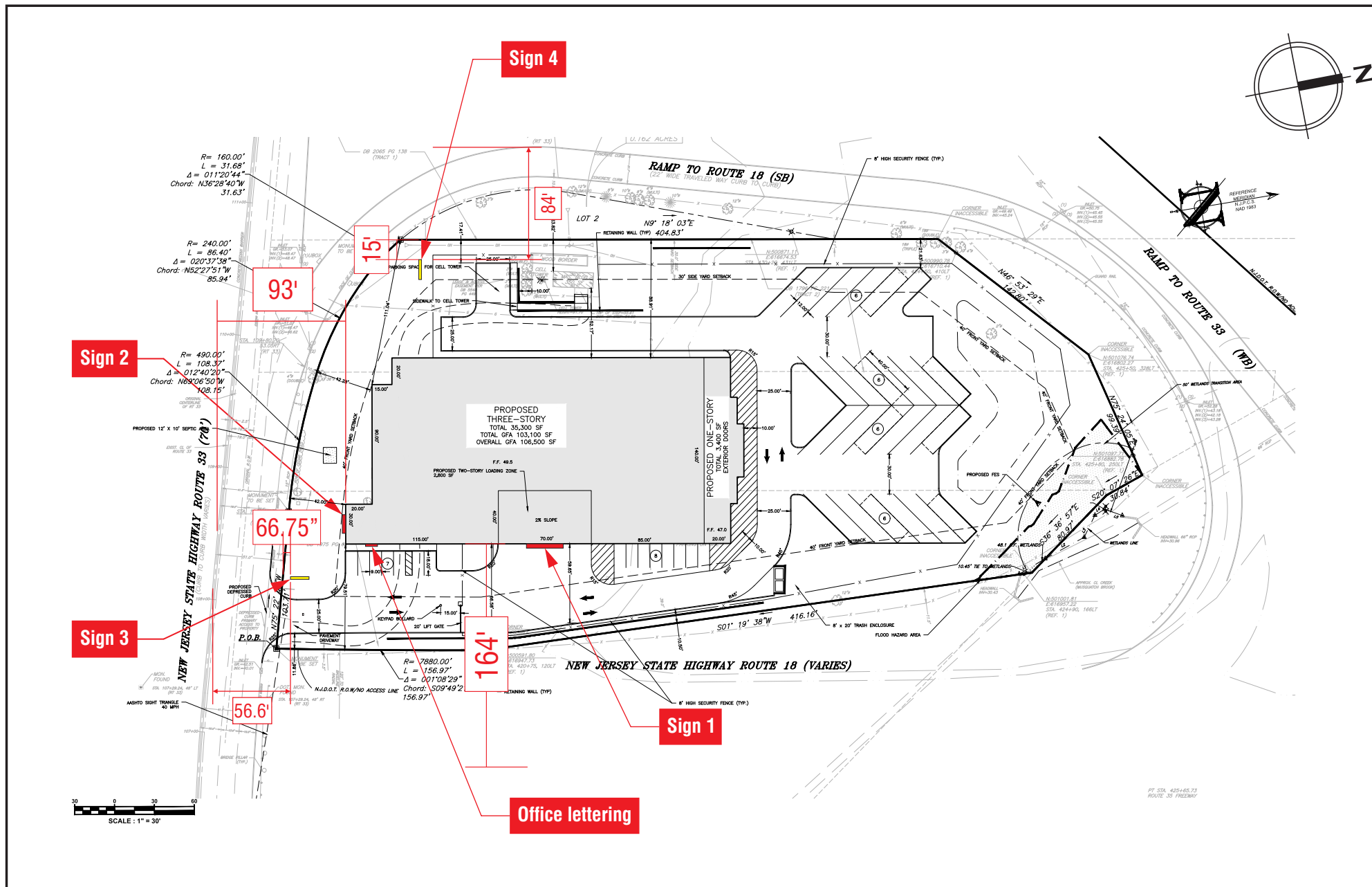
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Sign 1 - East Elevation (Primary) - VARIANCE REQUIRED

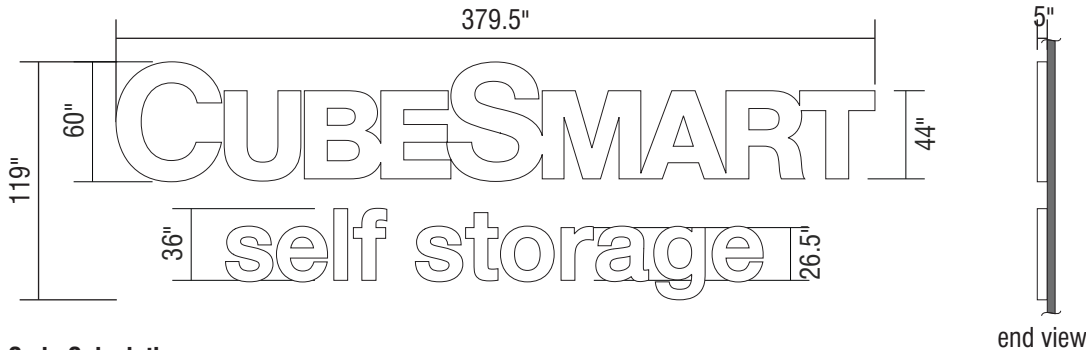
New channel letters flush mounted.

LED illuminated channel letters with CS white acrylic faces.

Qty-1.

Scale: 1/8"=1'

Sq Ft: 313.6 (Code: NTE 48 square feet, or one-and-five tenths square feet for each lineal foot of wall face that the sign is mounted on, whichever is less.)



Code Calculations:

70' x 1.5 = 105 (48 sf allowed).

28.4' x 75% = 52.5' max length.

Field Verify Sign Area & Dimensions.

COLOR SPECIFICATIONS:

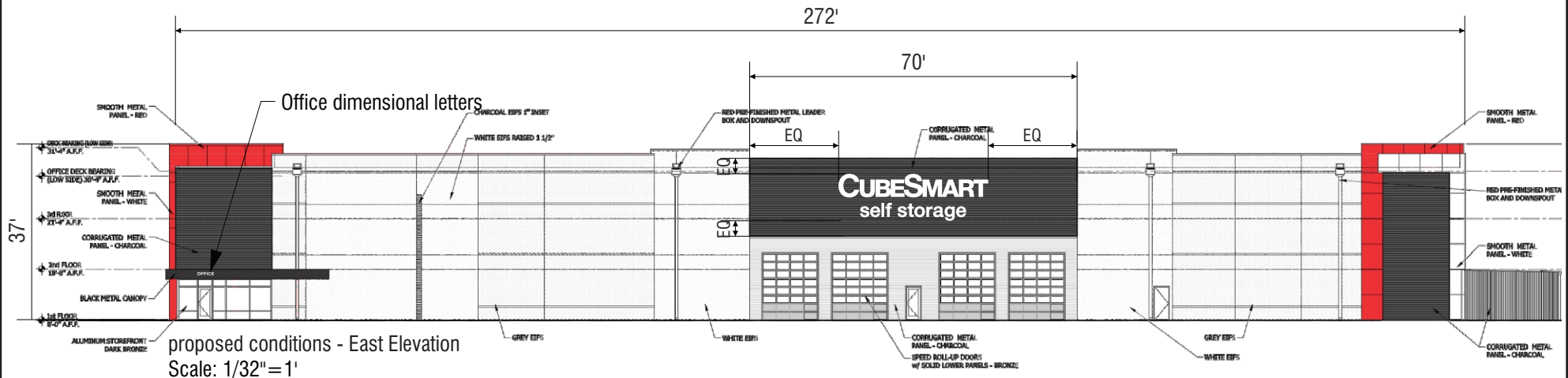
	CS White CS White Acrylic		White standard returns standard trim cap
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08/18/10

LETTER VISIBILITY CHART

Letter Height	Readable Distance for Maximum Impact	Maximum Readable Distance
3"	30'	100'
4"	40'	150'
6"	60'	200'
8"	80'	350'
9"	90'	400'
10"	100'	450'
12"	120'	525'
15"	150'	630'
18"	180'	750'
24"	240'	1000'
30"	300'	1250'
36"	360'	1500'
42"	420'	1750'
48"	480'	2000'
54"	540'	2250'
60"	600'	2500'
72"	720'	3000'
84"	840'	3500'
96"	960'	4000'
108"	1080'	4500'
120"	1200'	5000'
132"	1320'	5500'
144"	1440'	6000'



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Design No. **26732**

Store No. _____

Scale: **AS NOTED**

Sheet **4** of **11**

Drawn By: **PB** Date **01/22/2020**

Approved By: _____ Date _____

Sign 2 - South Elevation (Secondary) - VARIANCE REQUIRED

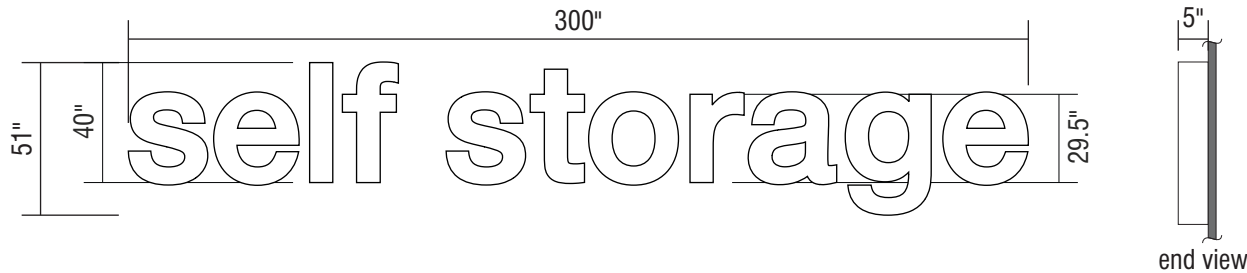
New channel letters flush mounted.

LED illuminated channel letters with CS white acrylic faces.

Qty-1.

Scale: 3/8"=1'

Sq Ft: 106.3 (Code: 156.8 sf allowed. Business uses that have a side or rear building façade fronting on a parking lot or face a secondary street frontage may have a secondary wall-mounted sign not to exceed 50% of the area of the primary sign.)





Code Calculations:

313.6sf x 0.5 = 156.8 sf allowed.

Field Verify Sign Area & Dimensions.

COLOR SPECIFICATIONS:

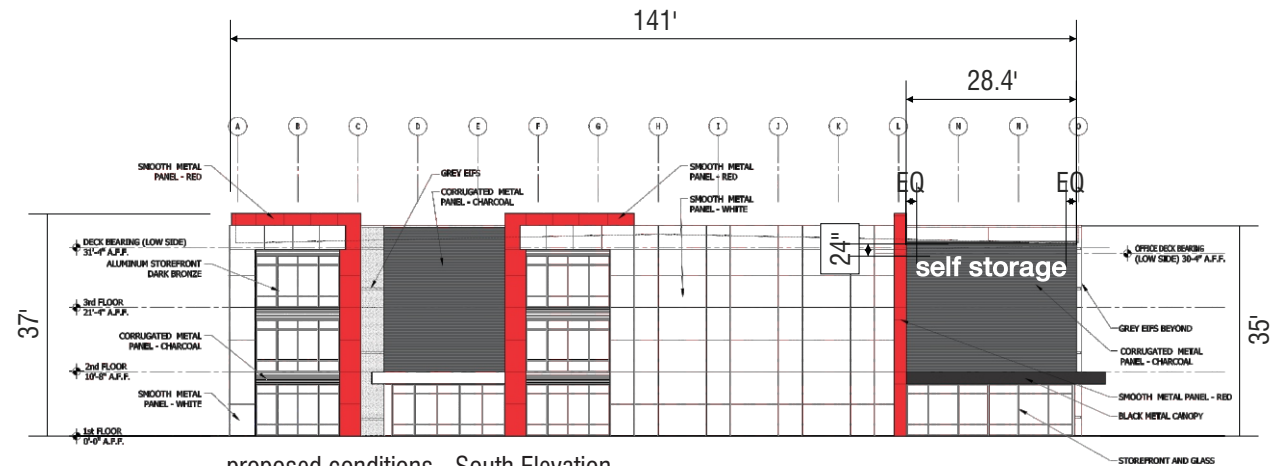
	CS White CS White Acrylic		White standard returns standard trim cap
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08/18/10

LETTER VISIBILITY CHART

Letter Height	Readable Distance for Maximum Impact	Maximum Readable Distance
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4"	40'	150'
6"	60'	200'
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144"	1440'	6000'



proposed conditions - South Elevation
Scale: 1/32"=1'

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Scale: **AS NOTED** Sheet **5** of **11**
Drawn By: **PB** Date **01/22/2020**
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Wall Signs - Section Details

New channel letters flush mounted.

LED illuminated channel letters with CS white acrylic faces.

Qty-2.

Scale: nts

ALL BUILDING PENETRATIONS TO BE SEALED WATERTIGHT.

UL 48 Standard Table 4.10						
Voltage range V	Uninsulated to insulated,		Insulated in insulated,		Insulated to dead metal,	
	mm	(in)	mm	(in)	mm	(in)
0 – 600	not applicable		not applicable		not applicable	
601 – 1,000	19.1	(0.75)	6.4	(0.252)	3.2	(0.126)
1,001 – 2,500	19.1	(0.75)	9.5	(0.375)	6.4	(0.252)
2,501 – 5,000	19.1	(0.75)	12.7	(0.50)	6.4	(0.252)
5,001 – 10,000	28.4	(1.12)	19.1	(0.75)	9.5	(0.375)
10,001 – 15,000	38.1	(1.50)	25.4	(1.00)	12.7	(0.50)

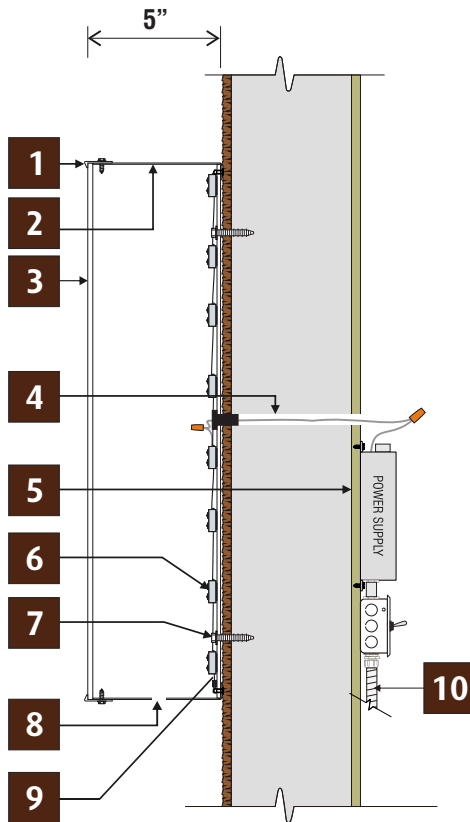
COLOR SPECIFICATIONS:



CS White
CS white acrylic



White
standard returns
standard trim cap



1 STANDARD WHITE TRIMCAP WITH PAINTED SCREWS (3/4" TRIM CAP FOR LETTERS UNDER 18" AND 1" TRIM CAP FOR LETTERS OVER 18"), TYPICAL.

2 5" DEEP, STANDARD WHITE RETURNS.

3 LETTERS: WHITE #7328 ACRYLIC.

4 INSULATED BUSHING W/ LOW VOLTAGE RATED WIRE FROM POWER SUPPLY TO EACH SECTION.

5 LOW VOLTAGE POWER SUPPLY; LOCK-ABLE DISCONNECT SWITCH AT POWER SUPPLY. POWER SUPPLY GROUND WIRE TO BE CONNECTED TO CIRCUIT GROUND WIRE PER LOCAL CODE. THE LOCATION OF THE DISCONNECT SWITCH AFTER INSTALLATION SHALL COMPLY WITH ARTICLE 600.6(A)(1) OF THE NATIONAL ELECTRICAL CODE.

6 INTERNALLY ILLUMINATED LETTERS WITH WHITE LED'S 3M VHB TAPED TO METAL BACKS

7 #10 SCREWS LONG ENOUGH TO PENETRATE WALL BACKING. OPTIONAL MOUNTING HARDWARE: 1. THREADED ROD WITH CLIPS WITH NUTS & WASHERS ON INSIDE OF WALL, 2. TOGGLE BOLTS, 3. 1/4" NYLON ANCHORS W/ #10 SCREW WITH 3/4" MIN. EMBED INTO WALL.

8 1/4" DIAMETER WEEP HOLES IN LOW POINTS OF EACH SECTION

9 0.050" PRE-PAINTED WHITE ALUMINUM BACKS LETTER-LOCKED TO RETURNS

10 120V PRIMARY POWER TO BE WITHIN 5 FEET OF THE CENTER OF THE SIGN.

This sign is intended to be installed in accordance with the requirements of article 600 of the National Electric Code and/or other applicable local codes. This includes proper grounding and bonding of the sign.

UL listed & labeled sign-OUTDOOR WET LOCATION SIGN

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Office Entrance Lettering - East Elevation

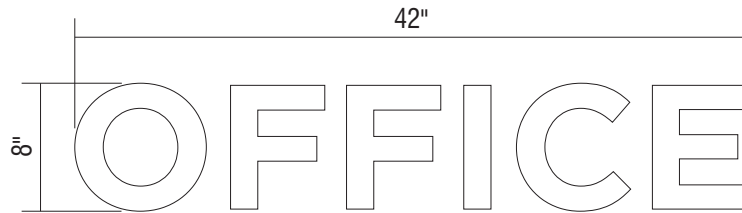
S/F FCO canopy dimensional letters

New set of acrylic letters painted white, stud mounted.

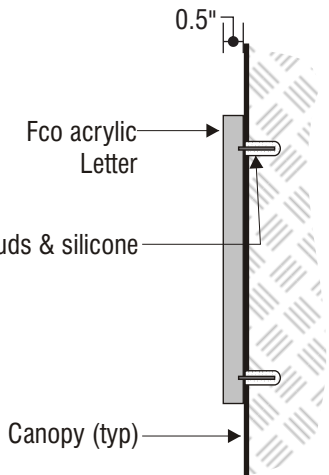
Qty-1.

Scale: 1"=1'

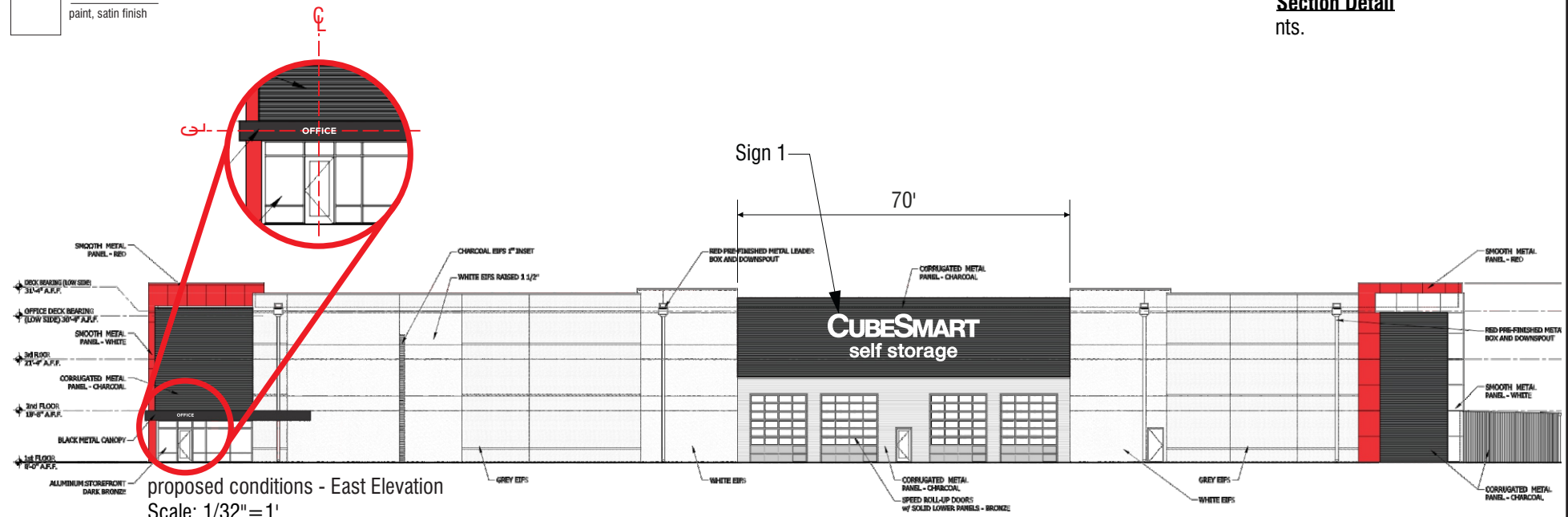
Sq Ft: 2.3



COLOR SPECIFICATIONS:



Section Detail
nts.



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Sign 3 - Pole Sign Elevation

D/F illuminated pole sign with extruded cabinet.

White seamless polycarbonate faces with CS vinyls applied.

Qty-1.

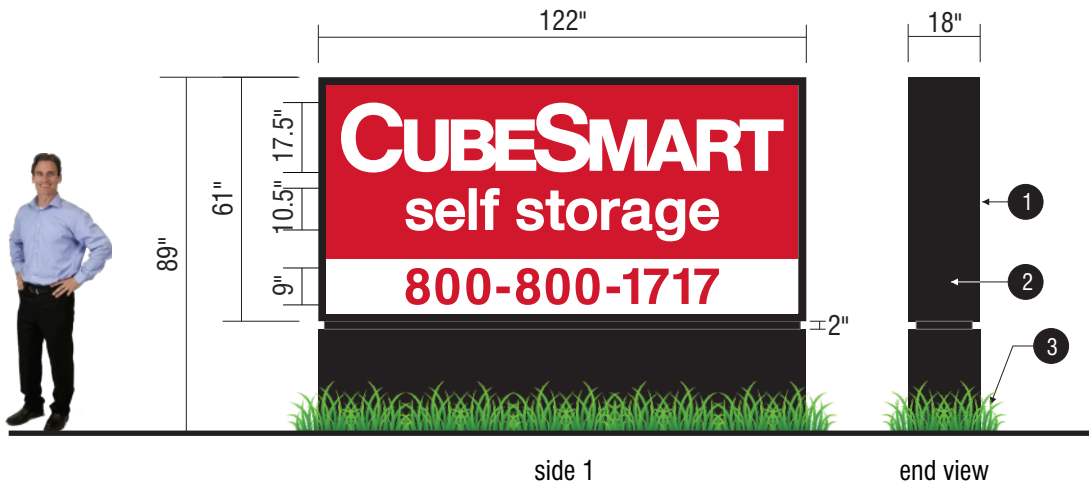
Scale: 1/4"=1'

Sq Ft: 51.7 (Code: nte 168 sf by Right. 20' max height. Shall be setback from the property line $\frac{3}{4}$ of the height of the sign.

Two (2) freestanding signs are allowed.)

Note: placement & angle of sign subject to flagging and detailed field survey.

Note: angle of the two (2) intersecting streets is less than 135 degree angle, therefore two (2) freestanding signs are allowed for this property.



side 1

end view

Manufacturing Specs:

- 1 white seamless polycarbonate panel with CS exterior grade vinyls applied first surface.
- 2 aluminum extruded S/F cabinet with H.O. lamping and ballasts, painted black.
Note: depth of cabinet TBD by pole size per engineering calcs.
- 3 all freestanding signs shall be placed within landscaped areas..

COLOR SPECIFICATIONS:



CS Red
PMS 186C
CS red vinyl



White
polycarbonate
panel



CS Black
black paint

Field Verify Sign Area & Dimensions.



08/18/10

LETTER VISIBILITY CHART

Letter Height	Readable Distance for Maximum Impact	Maximum Readable Distance
3"	30'	100'
4"	40'	150'
6"	60'	200'
8"	80'	350'
9"	90'	400'
10"	100'	450'
12"	120'	525'
15"	150'	630'
18"	180'	750'
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Sign 4 - Pole Sign Elevation

D/F illuminated pole sign with extruded cabinet.

White seamless polycarbonate faces with CS vinyls applied.

Qty-1.

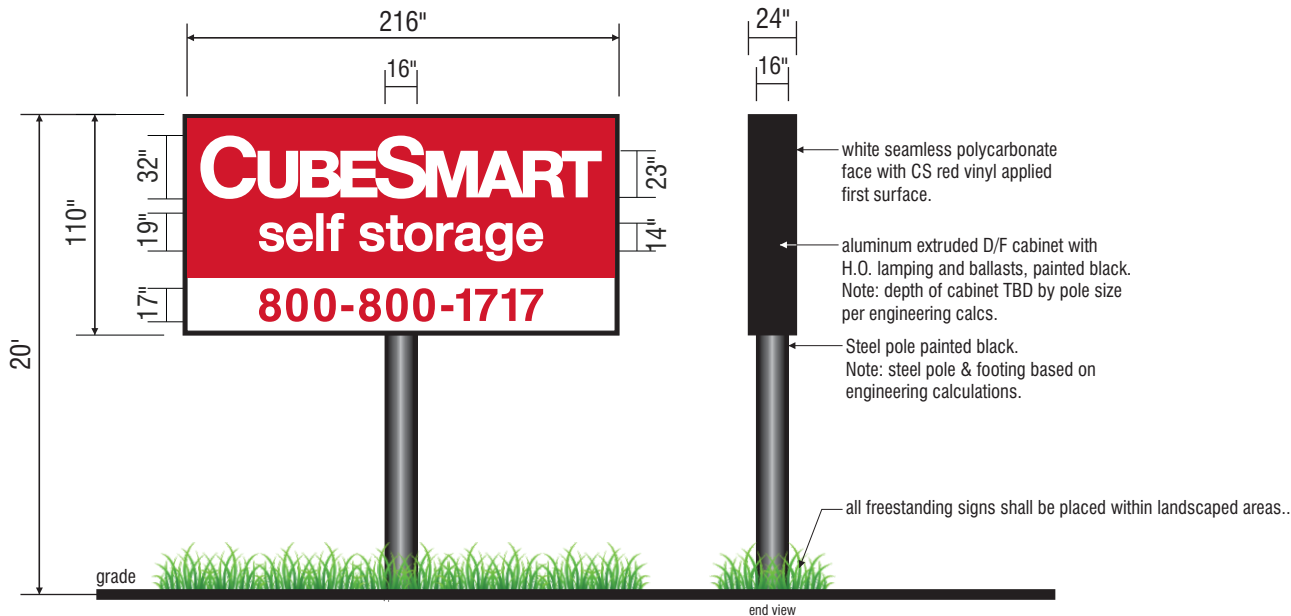
Scale: 1/8"=1'

Sq Ft: 166.5 (Code: nte 168 sf by Right. 20' max height. Shall be setback from the property line $\frac{3}{4}$ of the height of the sign.

Two (2) freestanding signs are allowed.)

Note: placement & angle of sign subject to flagging and detailed field survey.

Note: angle of the two (2) intersecting streets is less than 135 degree angle, therefore two (2) freestanding signs are allowed for this property.



COLOR SPECIFICATIONS:



CS Red
PMS 186C
CS red vinyl



White
polycarbonate
panel



CS Black
black paint

Field Verify Sign Area & Dimensions.



08/18/10

LETTER VISIBILITY CHART

Letter Height	Readable Distance for Maximum Impact	Maximum Readable Distance
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PERMIT SUMMARY

Neptune Township
2419 Highway 33

George Waterman
Planning & Zoning Department
PH: (732) 988-5200 (X 217)

Zone: C5

Wall Signs

NTE 48 square feet, or one-and-five tenths square feet for each lineal foot of wall face that the sign is mounted on, whichever is less.

Mounting Height: 8' maximum (including hardware) and not to extend more than 2' above the roof line.

Business uses that have a side or rear building façade fronting on a parking lot or face a secondary street frontage may have a secondary wall-mounted sign not to exceed 50% of the area of the primary sign. This provision shall not apply in situations where a parking lot is located between a building and a public street.

Maximum permitted horizontal sign dimension: 75% of the wall face.

Freestanding Signs

1 freestanding sign shall be permitted.

Where a lot has multiple street frontages, then (2) freestanding signs subject to the following standards shall be permitted. Where (2) freestanding signs are permitted by virtue of multiple street frontage, each permitted sign shall be allowed to have the maximum square footage allowed based on the formulas shown below: (sign area allowed may be transferred from (1) sign to another; provided, that not freestanding sign shall exceed four hundred square feet in area.

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PERMIT SUMMARY, cont'd.

0-1,500 square feet: 35 square feet

1,501-5,000 square feet: 35 square feet plus 1 sq per each additional 50 sq of floor area over 1,501.

5,001-50,000 square feet: 100 square feet plus 1 sq per each additional 500 sq of floor area over 5,001.

Over 50,001 square feet: 190 square feet plus 1 sq per each additional 1,000 sq of floor area over 50,001 up to a maximum size of 300 sq feet.

Setback: Shall be setback from the property line $\frac{3}{4}$ of the height of the sign.

Height: 150 sq. ft or less: 15 ft in height
151 sq. ft – 190 sq. ft.: 20 feet in height
191 sq. ft-400 sq. ft: 40 feet in height.

Freestanding Signs By Right:

- Max Size: 168sf
- 100sf + 1sf/500sf of building area > 5,000sf (34,050sf).
- Height: 15' or 20' (depending on size)
- 15': Signs < 150sf
- 20': Signs 151sf-190sf
- 40': Signs 191sf+

If the angle of the two intersecting streets is less than 135 degrees, two (2) freestanding signs are allowed for the corner lot.

Directional Signs

Size: maximum 3 square feet
Height: NTE 3 feet
No directional sign may be located within a sight triangle.
No directional sign shall extend into or over any public right-of-way.

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