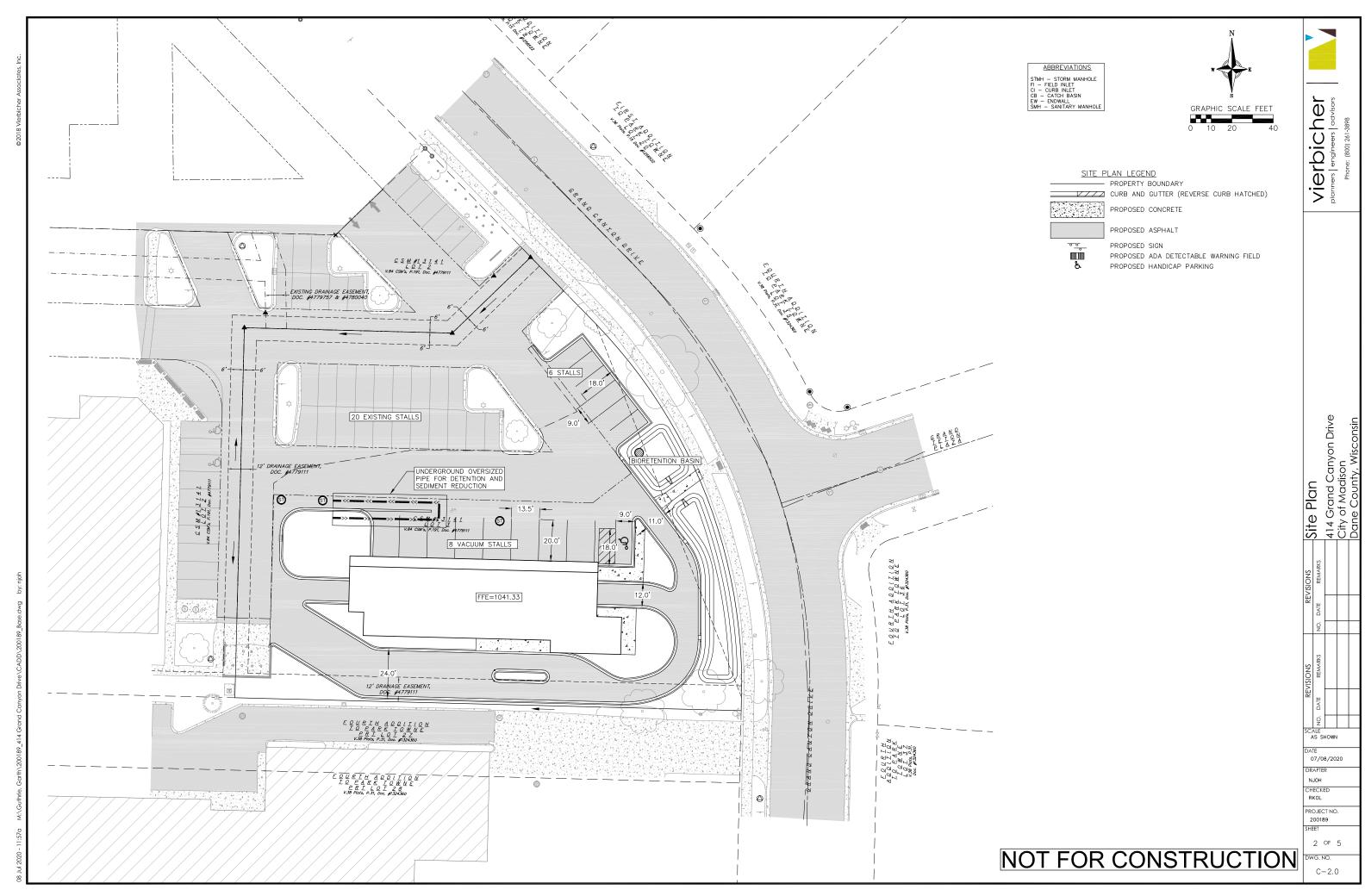


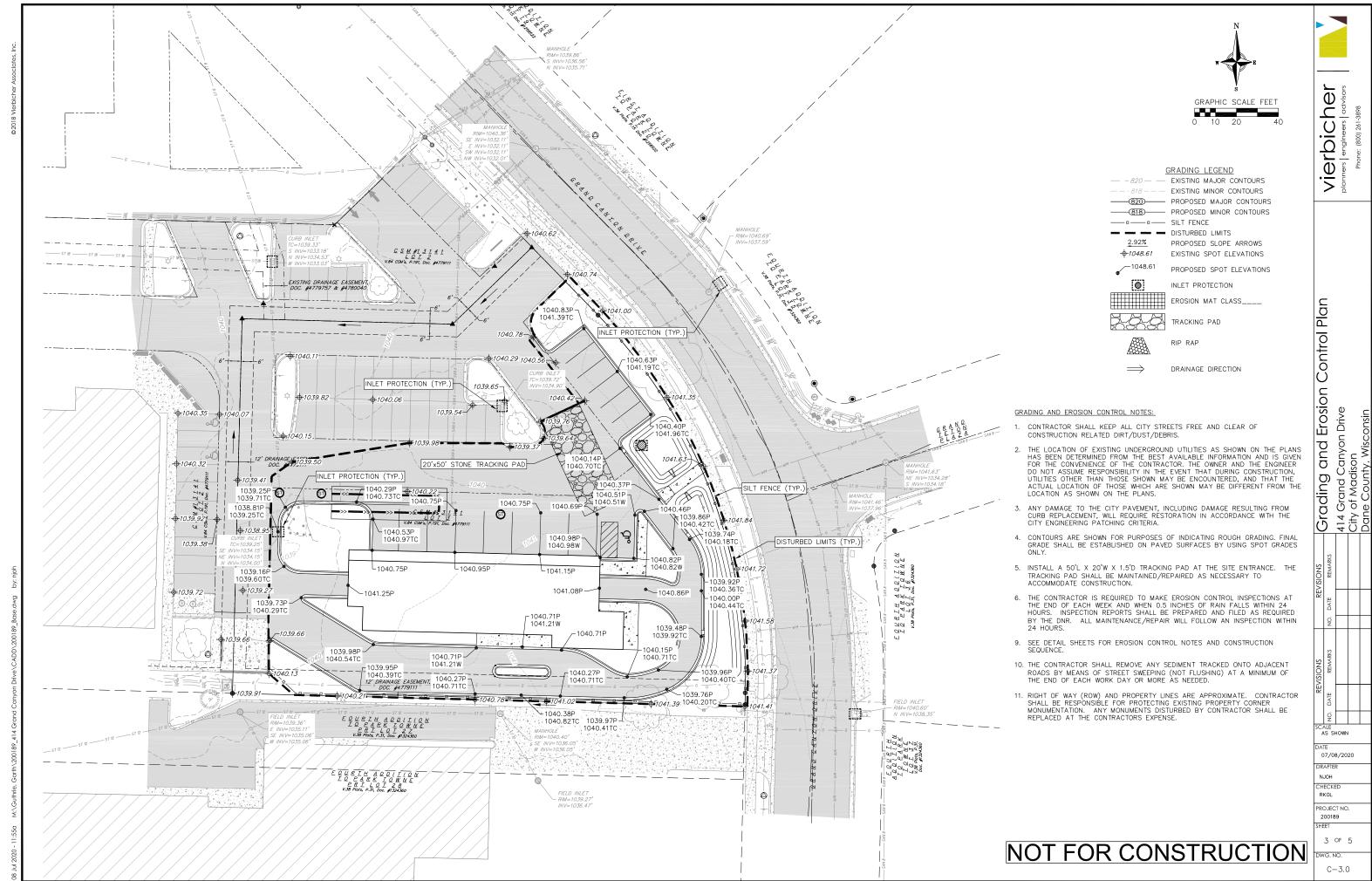
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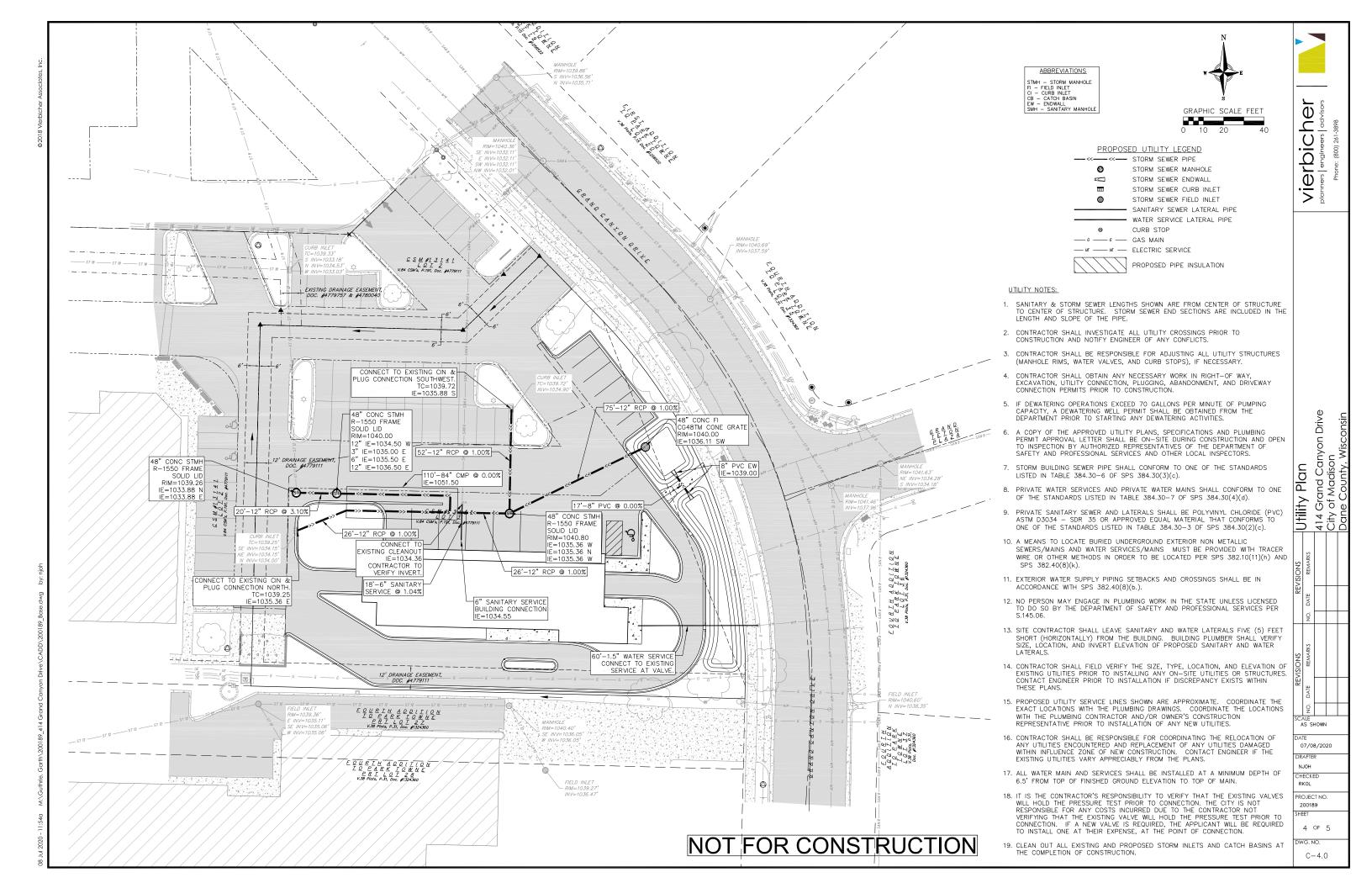
. 191-197, DOC. OF MADISON, A #13141, V.84 CSM'S, P. D CANYON DRIVE, CITY C JNTY, WISCONSIN დ<u>ე</u> <u></u> LOT 414

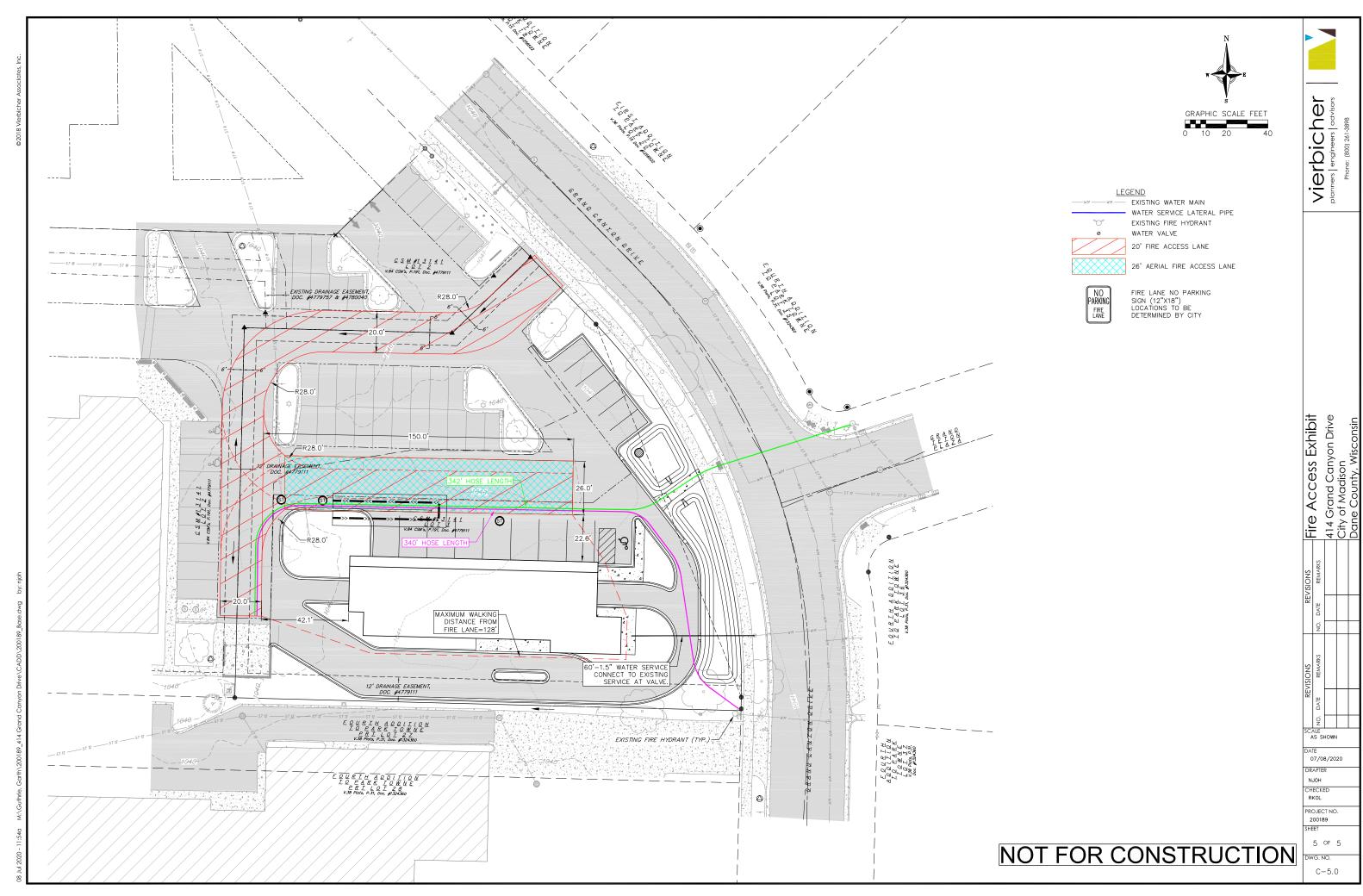
07/06/2020

ROJECT NO.











# **City of Madison Fire Department**

314 W Dayton Street, Madison, WI 53703-2506

Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

<b>Project Address:</b>	414 Grand Canyon Drive
Contact Name & P	hone #: Garth Guthrie - (608) 333-6737

# FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system?  If non-sprinklered, fire lanes extend to within 150-feet of all portions of the exterior wall?  If sprinklered, fire lanes are within 250-feet of all portions of the exterior wall?	<ul> <li>☐ Yes</li> <li>[x] Yes</li> <li>☐ Yes</li> </ul>	X No No No	☐ N/A ☐ N/A ▼ N/A
<ul> <li>2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs? <ul> <li>a) Is the fire lane a minimum unobstructed width of at least 20-feet?</li> <li>b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet?</li> <li>c) Is the minimum inside turning radius of the fire lane at least 28-feet?</li> <li>d) Is the grade of the fire lane not more than a slope of 8%?</li> <li>e) Is the fire lane posted as fire lane? (Provide detail of signage.)</li> <li>f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.)</li> <li>g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)</li> </ul> </li> </ul>	X Yes   Ye	☐ No	<ul> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>
<ul><li>3. Is the fire lane obstructed by security gates or barricades? If yes:</li><li>a) Is the gate a minimum of 20-feet clear opening?</li><li>b) Is an approved means of emergency operations installed, key vault, padlock or key switch?</li></ul>	☐ Yes ☐ Yes ☐ Yes	X  No    No    No	<ul><li>N/A</li><li>N/A</li><li>N/A</li></ul>
4. Is the Fire lane dead-ended with a length greater than 150-feet?  If yes, does the area for turning around fire apparatus comply with IFC D103?	Yes Yes	x No No	□ N/A □ N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6 If yes, see IFC 3206.6 for further requirements.	Yes	[x] No	□ N/A
6. Is any part of the building greater than 30-feet above the grade plane?	x Yes	No	N/A
If we answer the following questions:	( <u>x</u> ) 100		1,,,,,,
If yes, answer the following questions:  a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter?  b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?  c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?  d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature	x Yes X Yes Yes	☐ No ☐ No ☐ No ☐ No	□ N/A □ N/A □ N/A
<ul><li>a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter?</li><li>b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?</li><li>c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?</li></ul>	x Yes X Yes	No	□ N/A
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Attach an additional sheet if further explanation is required for any answers.

This worksheet is based on MGO 34.503 and IFC 2015 Edition Chapter 5 and Appendix D; please see the codes for further information.

### CITY OF MADISON LANDSCAPE WORKSHEET

DEVELOPED LOTS	SQUARE FEET		LANDSCAPE POINTS REQ.
Total Developed Area			
41499 (lot) - 4800 (building footprint)	36699		612
PLANT TYPE / ELEMENT	POINT VALUE	QUANTITY	TOTAL POINTS
Overstory Deciduous	35	7	245
Tall Evergreen Tree	35	1	35
Ornamental Tree	15	6	90
Upright Evergreen Shrub (i.e. arborvitae)	10	8	80
Shrub, deciduous	3	61	183
Shrub, evergreen	4	2	8
Ornamental Grasses/Perennials Ornamental/Decorative Fencing or Wall	2	78	156
(4pts / 10LF)	4		0
Existing Significant Specimen Tree	14		0
Landscape Furniture for public seating			
and/or transit connections	5		0
	POINT	S PROVIDED	797

### BIO BED PLANT PLUGS: 718 SQ FT

Joe Pye Weed	64	2.5"	Plug	12" O.C.
Marsh Milkeed	64	2.5"	Plug	12" O.C.
Culver's Root	64	2.5"	Plug	12" O.C.
Purple Coneflower	64	2.5"	Plug	12" O.C.
Blue Flag Iris	64	2.5"	Plug	12" O.C.
Cardinal Flower	64	2.5"	Plug	12" O.C.
Marsh Blazingstar	64	2.5"	Plug	12" O.C.
Brown Eyed Susan	64	2.5"	Plug	12" O.C.
Swamp Goldenrod	64	2.5"	Plug	12" O.C.
Bristly Sedge	64	2.5"	Plug	12" O.C.
Brown Fox Sedge	64	2.5"	Plug	12" O.C.

### BASIN NOTES:

- · See SITE DETAILS for Bio-Infiltration Basin information
- place Coconut Fabric on Bio Basins and install native plant plugs 12" on center

### STREET TREE NOTE:

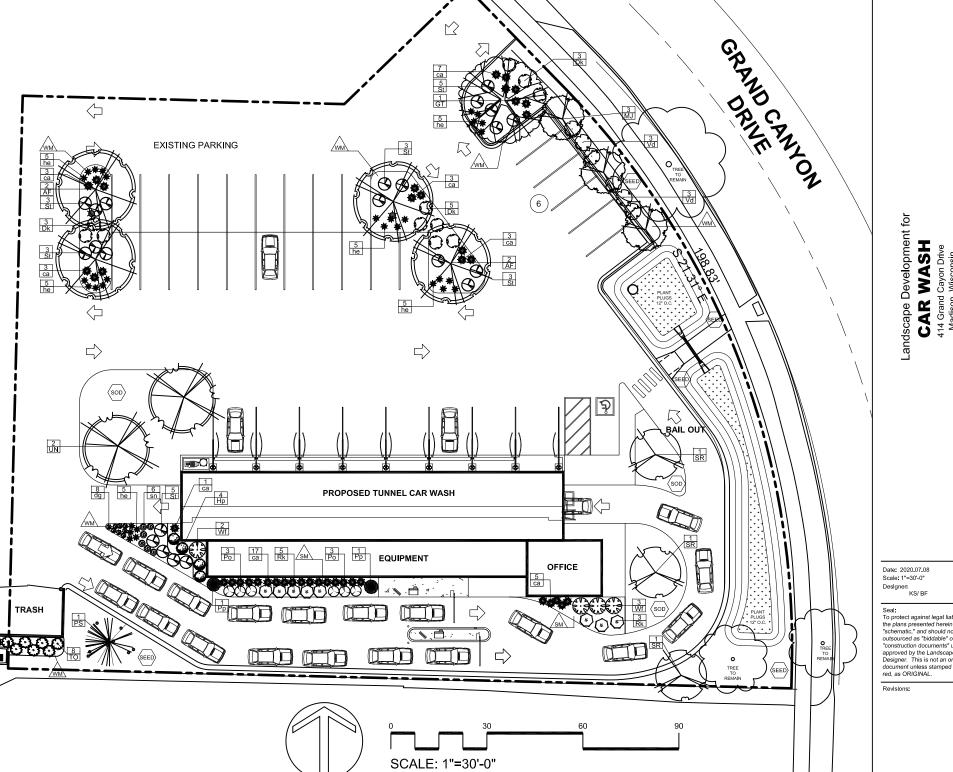
Contractor shall install tree protection fencing in the area between the curb and sidewalk and extend it at least 5 feet from both sides of the tree along the length of the terrace. No excavation is permitted within 5 feet of the outside edge of a tree trunk. If excavation within 5 feet of any tree is necessary, contractor shall contact City Forestry (266-4816) prior to excavation to assess the impact to the tree and root system. Tree pruning shall be coordinated with City Forestry prior to the start of construction. Tree protection specifications can be found in section 107.13 of City of Madison Standard Specifications for Public Works Construction - <a href="http://www.cityofmadison.com/business/pw/documents/StdSpecs/2013/Part1.pdf">http://www.cityofmadison.com/business/pw/documents/StdSpecs/2013/Part1.pdf</a>. Any tree removals that are required for construction after the development plan is

approved will require at least a 72 hour wait period before a tree removal permit can

be issued by Forestry, to notify the Alder of the change in the tree plan.



3570 Pioneer Road Verona, WI 53593 PH: (608) 827-9401 FAX: (608) 827-9402 WEB: www.olsontoon.com



# PLANT LIST

KEY	SCIENTIFIC NAME	COMMON NAME	QTY	SIZE	ROOT	STEM
	DECIDUOUS TREES					
AF	Acer x freemanii 'Jefersred'	Autumn Blaze Maple	4	2"	B&B	
GT	Gleditsia triacanthos 'Draves'	Streetkeeper Honeylocust	1	2"	B&B	
UN	Ulmus 'New Horizon'	New Horizon Elm	2	2"	B&B	

l			ORNAMENTAL TREES					
l		MJ	Malus 'Jewelcole'	Red Jewel Crabapple	3	2"	B&B	
l	Ī	SR	Syringa reticulata 'Ivory Silk'	lvory Silk Japanese Tree Lilac	3	6'	B&B	

	EVERGREEN TREES					
PS	Pinus strobus	White Pine	1	6'	B&B	
TO	Thuja occidentalis 'Smaragd'	Emerald Green Arborvitae	8	6'	B&B	

	EVERGREEN SHRUBS					
Pp	Picea pungens 'Glauca Globosa'	Globe Blue Spruce	2	#5	Cont.	

		DECIDUOUS SHRUBS					
	Dk	Diervilla 'G2X885411'	Kodiak Red Bush Honeysuckle	11	#3	Cont.	
	Hq	Hydrangea paniculata 'SMHPLQF'	Little Quick Fire Hydrangea	4	#3	Cont.	
I	Pt	Physocarpus opulifolius 'SMPOTW'	Tiny Wine Ninebark	6	#5	Cont.	
	Rk	Rosa 'Radtkopink'	Double Pink Knock Out Rose	8	#3	Cont.	
Ī	Sb	Spiraea betulifolia 'Tor Gold'	Glow Girl Spirea	22	#3	Cont.	
	Vd	Viburnum dentatum 'Christom'	Blue Muffin Arrowwood Viburnum	6	#5	Cont.	
Ī	Wf	Weigela florida 'Wine & Roses"	Wine & Roses Weigela	4	#5	Cont.	

	ORNAMENTAL GRASSES & PERENNIALS					
ca	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	42	#1	Cont.	
he	Hemerocallis 'Going Bananas'	Going Bananas Daylily	30	#1	Cont.	ĺ
sn	Salvia nemorosa 'Caradonna'	Caradonna Salvia	6	#1	Cont.	

SM

Capitol Washed Stone / Vinyl edge in all areas around buildings



Brown Dyed Wood Mulch / Shovel cut edge



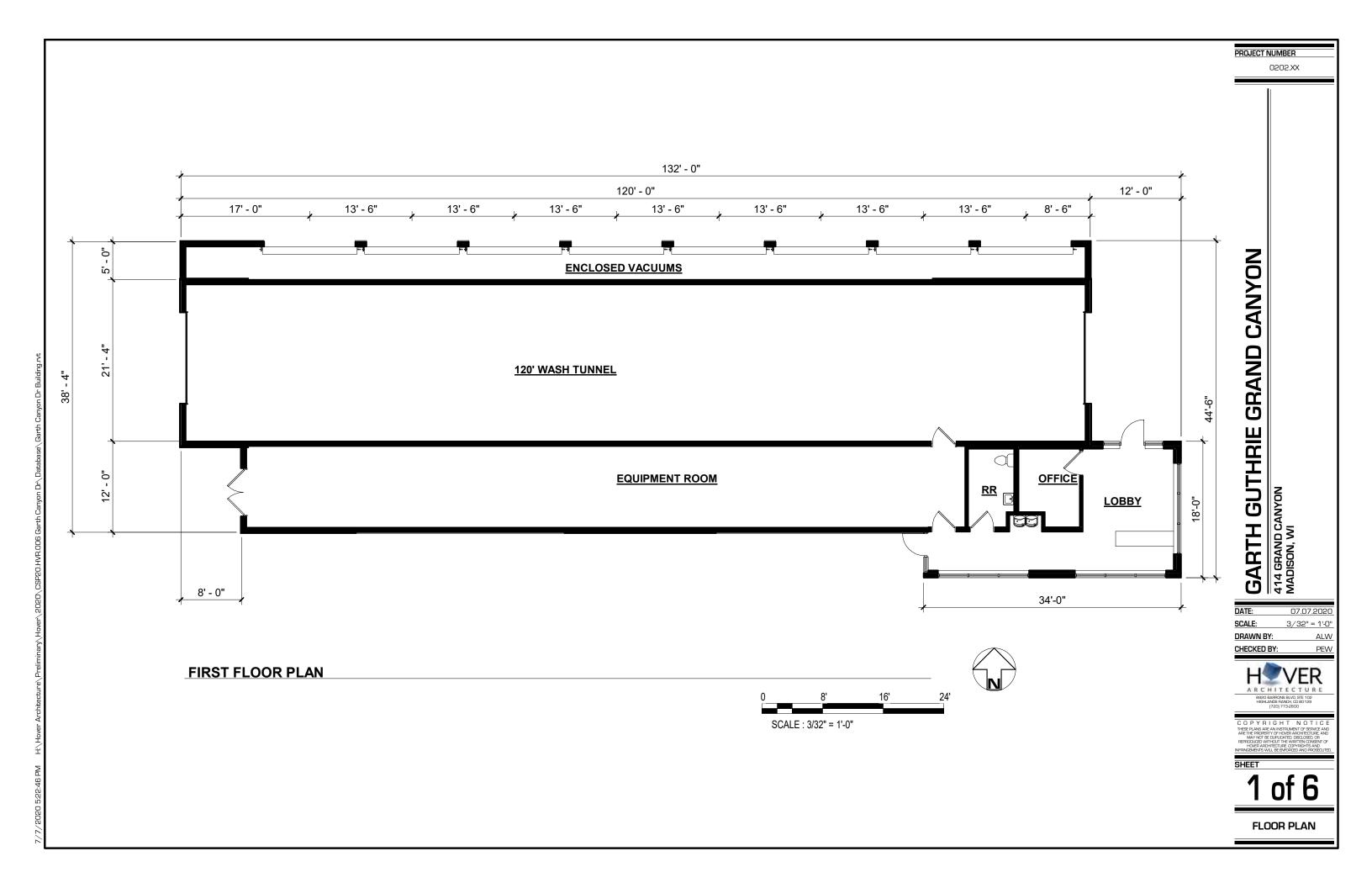
Premium Kentucky Bluegrass sod

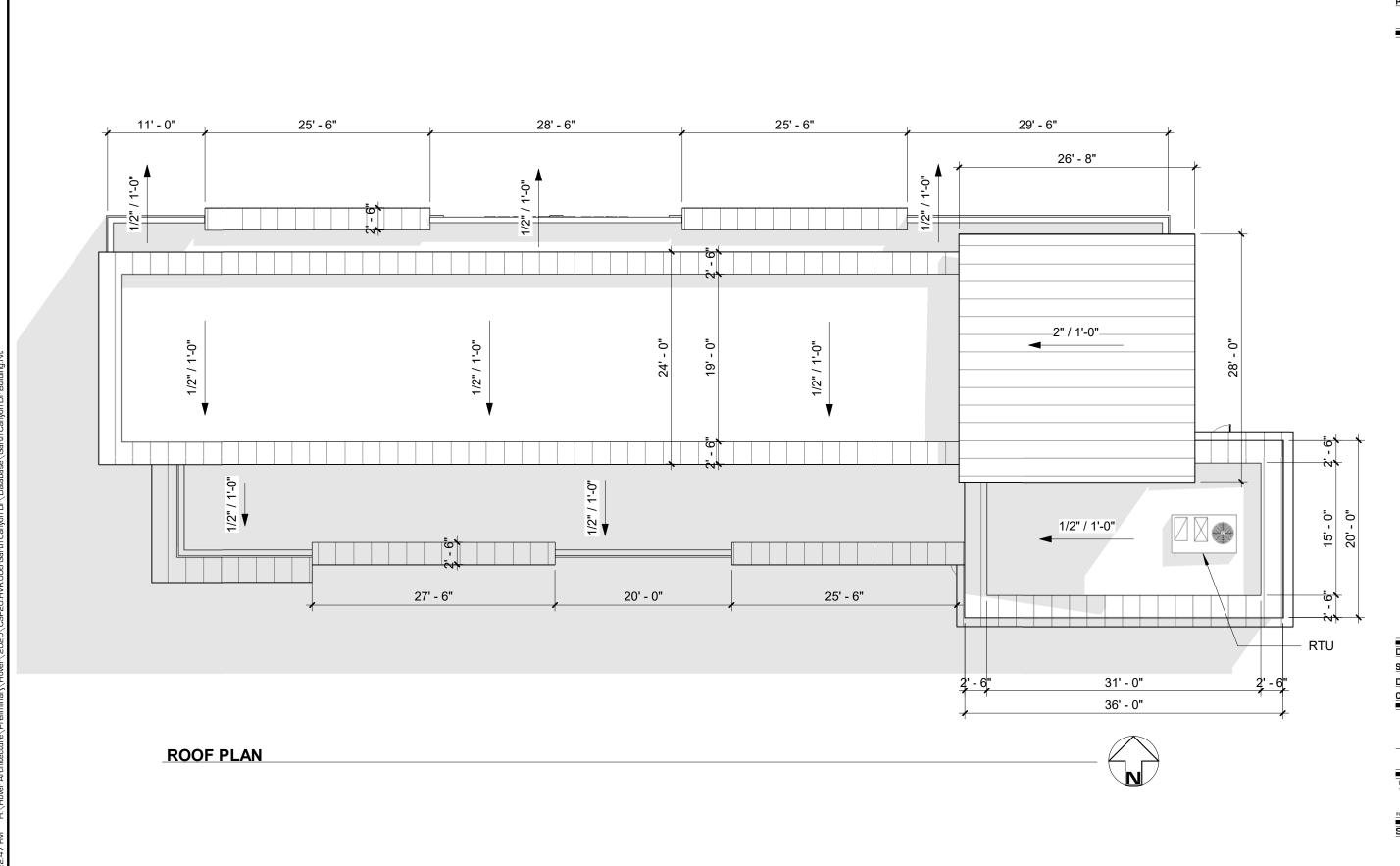


Premium sunny seed blend with straw mat. (Class 1 Type B single net)

## LANDSCAPE NOTES:

- Please refer to Grading & Erosion Control Plan for final contour information.
- Individual tree and shrub groupings in lawn areas to receive wood mulch rings with shovel cut edge.
- Add street trees per the direction of the City Forester.
- Vinyl edge is Dimex EdgePro polyvinyl edging or equivalent





PROJECT NUMBER

0202.XX

GARTH GUTHRIE GRAND CANYON
414 GRAND CANYON
MADISON, WI

DATE: 07.07.2020

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

DRAWN BY: ALW

CHECKED BY: PEW

A R C H I T E C T U

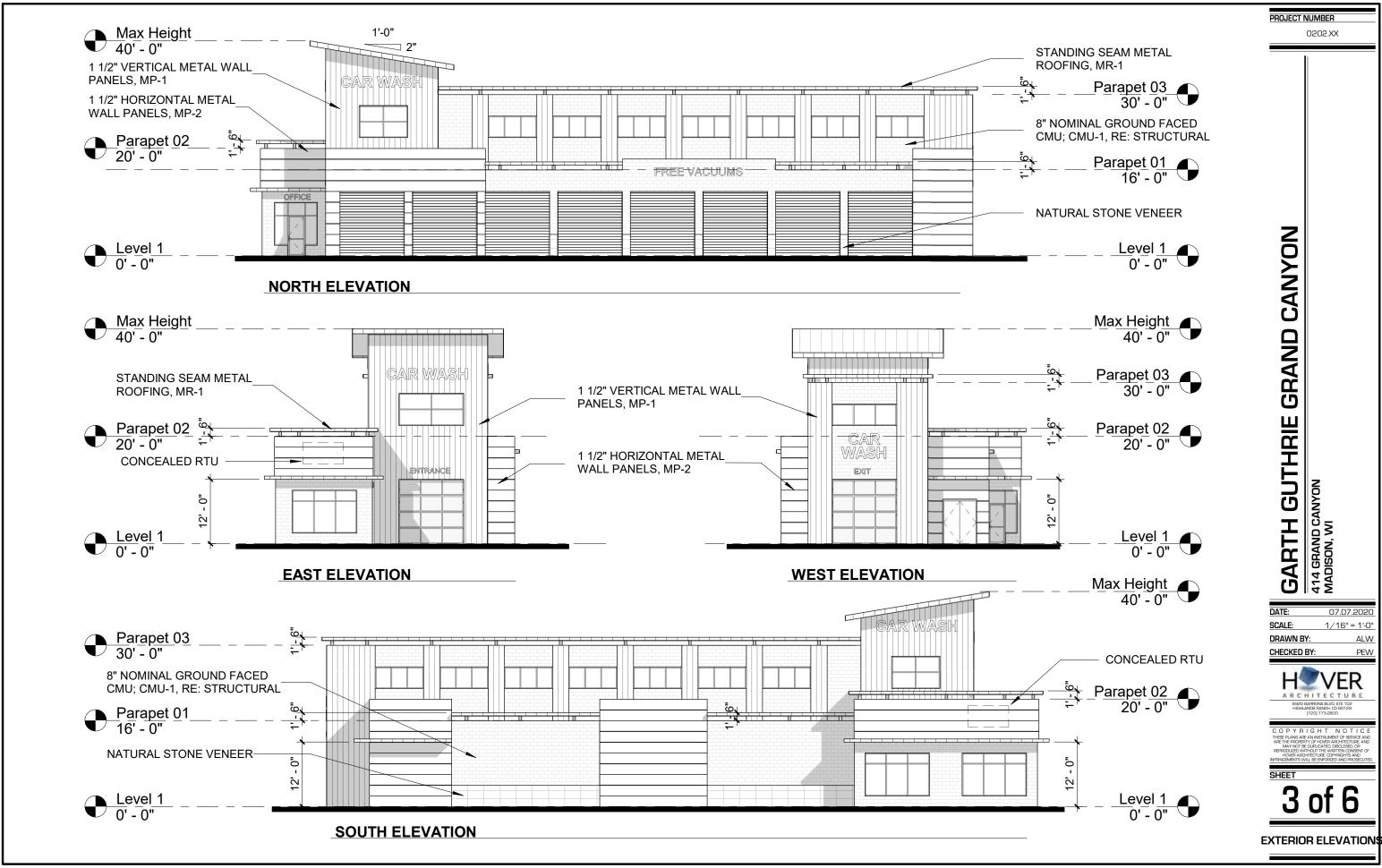
8920 BARRONS BLVD, STE 102
HIGHLANDS RANDH, 40 B0129
(720) 773-2800

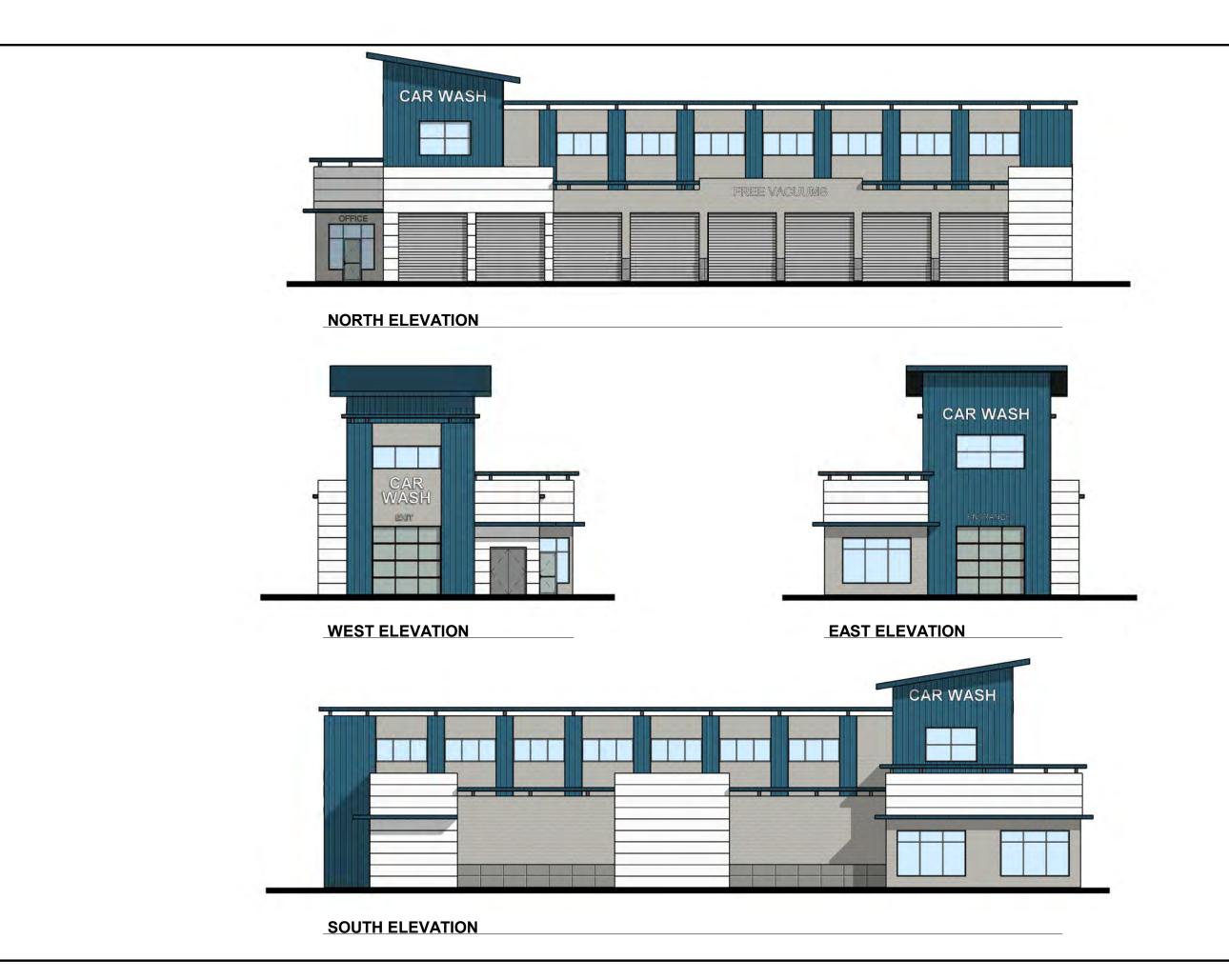
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SHEET

2 of 6

**ROOF PLAN** 





PROJECT NUMBER

0202.XX

GARTH GUTHRIE GRAND CANYON

414 GRAND CANYON

MADISON, WI

DATE: 07.07.2020

SCALE: 1/16" = 1'-0"

DRAWN BY: ALW

CHECKED BY: PEW

A R C H I T E C T U

8920 BARRONS BLVD, STE 10:
HIGHLANDS RANCH, CO 80129
(720) 773-2800

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SHEET

4 of 6

EXTERIOR ELEVATIONS
- COLOR



NORTHEAST CORNER

PROJECT NUMBER

0202.XX

# GARTH GUTHRIE GRAND CANYON 414 GRAND CANYON MADISON, WI

DATE: 07.07.2020 SCALE:

ALW

DRAWN BY: CHECKED BY:



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6 of 6

PERSPECTIVE