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Owner  
**City of Madison Fire Department**  
314 W. Dayton St  
Madison, WI 53703

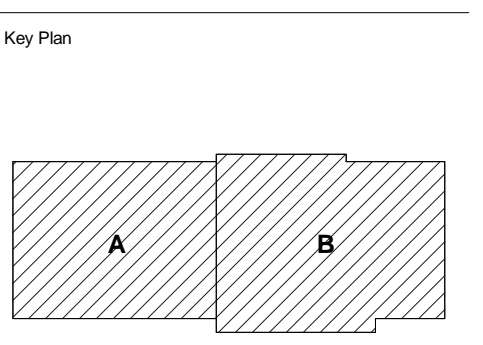
Project  
**Madison Fire Station 14**  
3201 Dainy Drive  
Madison WI, 53718

Civil Engineer  
**Snyder & Associates, Inc**  
5010 Voges Rd  
Madison, WI 53718  
P. 608-838-0444

Structural Engineer  
**IMEG**  
1800 Deming Way #200  
Middleton, WI 53562  
P. 608-223-9600

Mechanical Engineer  
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Sheet Issue Date  
**UDC FINAL - 06/13/17**

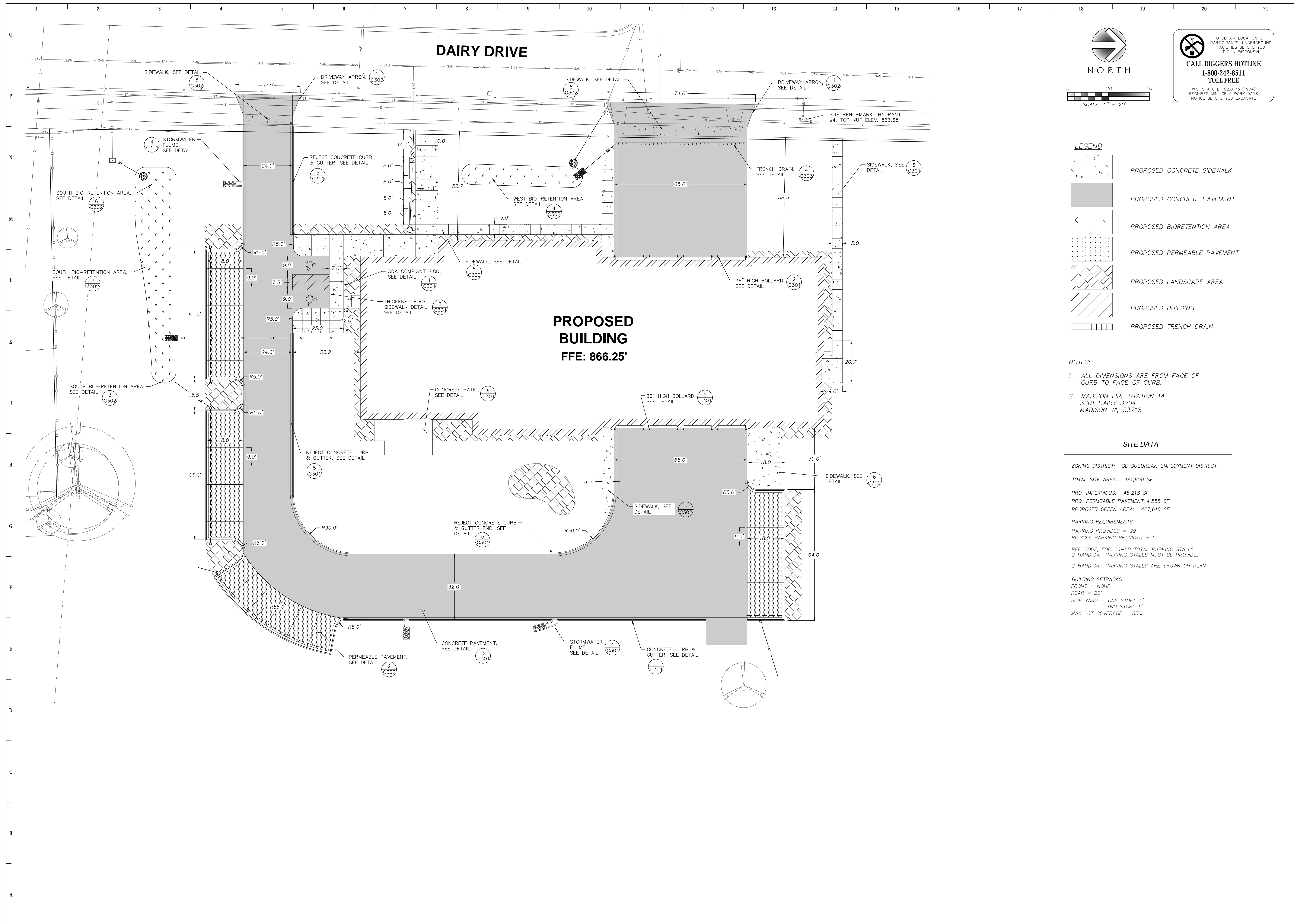
Revision	Date
DAT MEETING	03/30/17
PUBLIC MEETING	05/08/17
PRE APPLICATION	05/19/17
UDC INFORMATIONAL	05/24/17

**SCHEMATIC DESIGN  
NOT FOR CONSTRUCTION**

Drawing  
**RENDER**

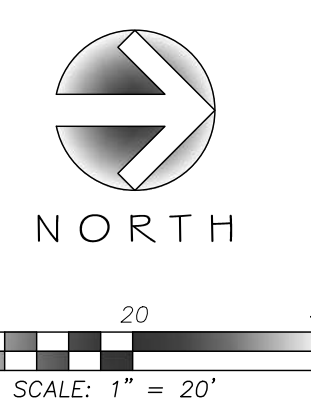
OPN Project No. 17207000





DAIRY DRIVE

**PROPOSED BUILDING**  
FFE: 866.25'



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN  
**CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE**  
WS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

**LEGEND**

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE PAVEMENT
- PROPOSED BIORETENTION AREA
- PROPOSED PERMEABLE PAVEMENT
- PROPOSED LANDSCAPE AREA
- PROPOSED BUILDING
- PROPOSED TRENCH DRAIN

**NOTES:**

1. ALL DIMENSIONS ARE FROM FACE OF CURB TO FACE OF CURB.
2. MADISON FIRE STATION 14  
3201 DAIRY DRIVE  
MADISON WI, 53718

**SITE DATA**

ZONING DISTRICT: SE SUBURBAN EMPLOYMENT DISTRICT  
TOTAL SITE AREA: 481,950 SF  
PRO. IMPERVIOUS: 45,218 SF  
PRO. PERMEABLE PAVEMENT 4,558 SF  
PROPOSED GREEN AREA: 427,616 SF  
PARKING REQUIREMENTS  
PARKING PROVIDED = 29  
BICYCLE PARKING PROVIDED = 5  
PER CODE, FOR 26-50 TOTAL PARKING STALLS  
2 HANDICAP PARKING STALLS MUST BE PROVIDED  
2 HANDICAP PARKING STALLS ARE SHOWN ON PLAN  
BUILDING SETBACKS  
FRONT = NONE  
REAR = 20'  
SIDE YARD = ONE STORY 5'  
TWO STORY 6'  
MAX LOT COVERAGE = 85%



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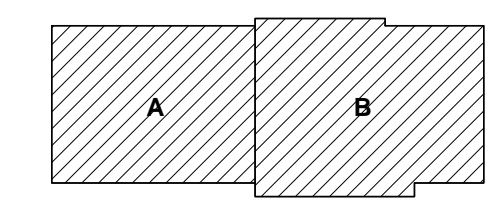
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**Key Plan**



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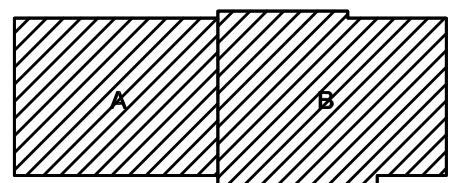
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**PRE - DESIGN**  
**NOT FOR CONSTRUCTION**

Drawing  
**Site Plan**

OPN Project No. 17207000





**PRELIMINARY LANDSCAPE CALCULATIONS AND DISTRIBUTION**

**TOTAL DEVELOPED AREA**  
...FIVE (5) LANDSCAPE POINTS SHALL BE PROVIDED FOR EACH THREE HUNDRED (300) SQUARE FEET OF DEVELOPED AREA.

49,696 SF OF DEVELOPED AREA / 300 = 166 x 5 = **830 POINTS**

**DEVELOPMENT FRONTAGE LANDSCAPING**  
SEC. 28.142 (5) LANDSCAPING AND/OR ORNAMENTAL FENCING SHALL BE PROVIDED BETWEEN BUILDINGS OR PARKING AREAS AND THE ADJACENT STREET(S), EXCEPT WHERE BUILDINGS ARE PLACED AT THE SIDEWALK.

DAIRY DRIVE DEVELOPMENT FRONTAGE: 425 LF

SEC. 28.142 (5)(c): IN CASES WHERE DEVELOPMENT FRONTAGE LANDSCAPE CANNOT BE PROVIDED DUE TO SITE CONSTRAINTS, THE ZONING ADMINISTRATOR MAY WAIVE THE REQUIREMENT OR SUBSTITUTE ALTERNATIVE SCREENING METHODS FOR THE REQUIRED LANDSCAPING.

NORTH DRIVE APRON: 66 LF  
SOUTH DRIVE APRON: 25 LF  
GAS MAIN EASEMENT: 25 LF

ONE (1) OVERSTORY DECIDUOUS TREE AND FIVE (5) SHRUBS SHALL BE PLANTED FOR EACH THIRTY (30) LINEAL FEET OF LOT FRONTAGE.

DAIRY DRIVE: 309 LF / 30 = 10.3  
1 x 11 = 11 TREES  
5 x 11 = 55 SHRUBS

**INTERIOR PARKING LOT LANDSCAPING**

...A MINIMUM OF EIGHT PERCENT (8%) OF THE ASPHALT OR CONCRETE AREA OF THE PARKING LOT SHALL BE DEVOTED TO INTERIOR PLANTING ISLANDS, PENINSULAS, OR LANDSCAPED STRIPS.

20,223 SF x 8% = **1,618 SF LANDSCAPE AREA**

THE PRIMARY PLANT MATERIAL SHALL BE SHADE TREES WITH AT LEAST ONE (1) DECIDUOUS CANOPY TREE FOR EVERY ONE HUNDRED SIXTY (160) SF OF REQUIRED LANDSCAPE AREA.

1,618 / 160 = **10 TREES**

**FOUNDATION PLANTINGS**

FOUNDATION PLANTINGS SHALL BE INSTALLED ALONG BUILDING FACADES, EXCEPT WHERE BUILDING FACADES DIRECTLY ABUT THE SIDEWALK, PLAZA, OR OTHER HARDSCAPE FEATURES.

**SCREENING ALONG DISTRICT BOUNDARIES**

NA

**SCREENING OF OTHER SITE ELEMENTS**

REFUSE DISPOSAL - INTERIOR TO BUILDING

MECHANICAL EQUIPMENT -

- TRANSFORMER SCREENED FROM VIEW OF SURROUNDING STREETS AND RESIDENTIAL DISTRICTS BY BUILDING FORM.
- GENERATOR TO BE A MOBILE UNIT NOT STORED ON SITE

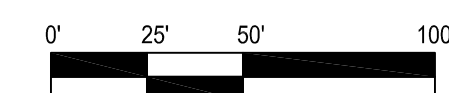
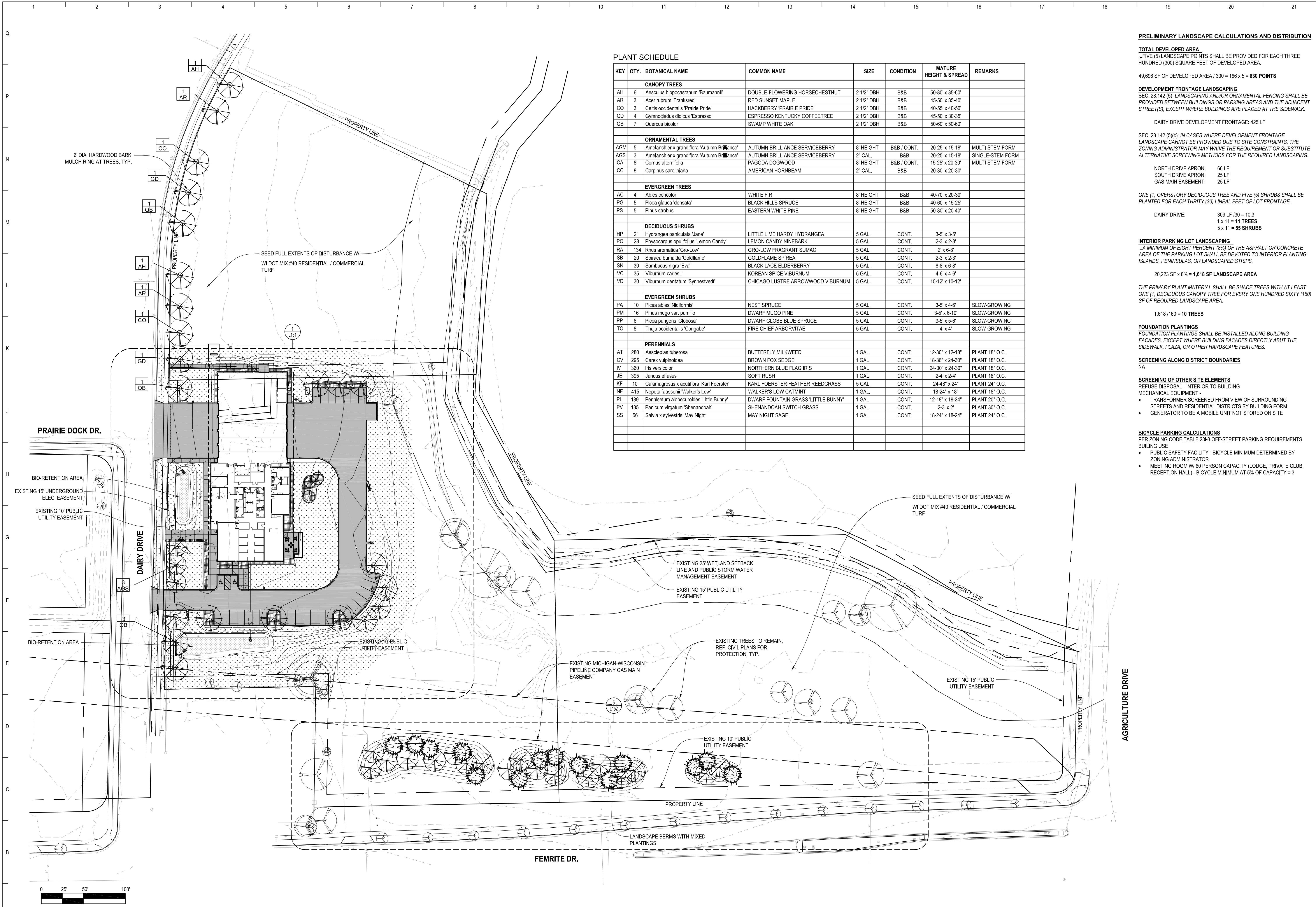
**BICYCLE PARKING CALCULATIONS**

PER ZONING CODE TABLE 28-3 OFF-STREET PARKING REQUIREMENTS BUILDING USE

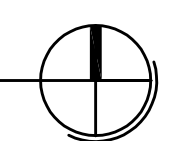
- PUBLIC SAFETY FACILITY - BICYCLE MINIMUM DETERMINED BY ZONING ADMINISTRATOR
- MEETING ROOM W/ 60 PERSON CAPACITY (LODGE, PRIVATE CLUB, RECEPTION HALL) - BICYCLE MINIMUM AT 5% OF CAPACITY = 3

**PLANT SCHEDULE**

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	MATURE HEIGHT & SPREAD	REMARKS
<b>CANOPY TREES</b>							
AH	6	Aesculus hippocastanum 'Baumannii'	DOUBLE-FLOWERING HORSECHESTNUT	2 1/2" DBH	B&B	50-80' x 35-60'	
AR	3	Acer rubrum 'Franksred'	RED SUNSET MAPLE	2 1/2" DBH	B&B	45-50' x 35-40'	
CO	3	Celtis occidentalis 'Prairie Pride'	HACKBERRY 'PRAIRIE PRIDE'	2 1/2" DBH	B&B	40-55' x 40-50'	
GD	4	Gymnocladus dioica 'Espresso'	ESPRESSO KENTUCKY COFFEETREE	2 1/2" DBH	B&B	45-50' x 30-35'	
QB	7	Quercus bicolor	SWAMP WHITE OAK	2 1/2" DBH	B&B	50-60' x 50-60'	
<b>ORNAMENTAL TREES</b>							
AGM	5	Amelanchier x grandiflora 'Autumn Brilliance'	AUTUMN BRILLIANCE SERVICEBERRY	8' HEIGHT	B&B / CONT.	20-25' x 15-18'	MULTI-STEM FORM
AGS	3	Amelanchier x grandiflora 'Autumn Brilliance'	AUTUMN BRILLIANCE SERVICEBERRY	2" CAL.	B&B	20-25' x 15-18'	SINGLE-STEM FORM
CA	8	Cornus alternifolia	PAGODA DOGWOOD	8' HEIGHT	B&B / CONT.	15-25' x 20-30'	MULTI-STEM FORM
CC	8	Carpinus caroliniana	AMERICAN HORNBEAM	2" CAL.	B&B	20-30' x 20-30'	
<b>EVERGREEN TREES</b>							
AC	4	Abies concolor	WHITE FIR	8' HEIGHT	B&B	40-70' x 20-30'	
PG	5	Picea glauca 'densata'	BLACK HILLS SPRUCE	8' HEIGHT	B&B	40-60' x 15-25'	
PS	5	Pinus strobus	EASTERN WHITE PINE	8' HEIGHT	B&B	50-80' x 20-40'	
<b>DECIDUOUS SHRUBS</b>							
HP	21	Hydrangea paniculata 'Jane'	LITTLE LIME HARDY HYDRANGEA	5 GAL.	CONT.	3-5' x 3-5'	
PO	28	Physocarpus opulifolius 'Lemon Candy'	LEMON CANDY NINEBARK	5 GAL.	CONT.	2-3' x 2-3'	
RA	134	Rhus aromatica 'Gro-Low'	GRO-LOW FRAGRANT SUMAC	5 GAL.	CONT.	2' x 6-8'	
SB	20	Spiraea bumalda 'Goldflame'	GOLDFLAME SPIREA	5 GAL.	CONT.	2-3' x 2-3'	
SN	30	Sambucus nigra 'Eva'	BLACK LACE ELDERBERRY	5 GAL.	CONT.	6-8' x 6-8'	
VC	35	Viburnum carlesii	KOREAN SPICE VIBURNUM	5 GAL.	CONT.	4-6' x 4-6'	
VD	30	Viburnum dentatum 'Synnstedt'	CHICAGO LUSTRE ARROWWOOD VIBURNUM	5 GAL.	CONT.	10-12' x 10-12'	
<b>EVERGREEN SHRUBS</b>							
PA	10	Picea abies 'Nidiformis'	NEST SPRUCE	5 GAL.	CONT.	3-5' x 4-6'	SLOW-GROWING
PM	16	Pinus mugo var. pumilio	DWARF MUGO PINE	5 GAL.	CONT.	3-5' x 6-10'	SLOW-GROWING
PP	6	Picea pungens 'Globosa'	DWARF GLOBE BLUE SPRUCE	5 GAL.	CONT.	3-5' x 5-6'	SLOW-GROWING
TO	8	Thuja occidentalis 'Congate'	FIRE CHIEF ARBORVITAE	5 GAL.	CONT.	4' x 4'	SLOW-GROWING
<b>PERENNIALS</b>							
AT	280	Aesclepias tuberosa	BUTTERFLY MILKWEED	1 GAL.	CONT.	12-30" x 12-18"	PLANT 18" O.C.
CV	295	Carex vulpinoidea	BROWN FOX SEDGE	1 GAL.	CONT.	18-36" x 24-30"	PLANT 18" O.C.
IV	360	Iris versicolor	NORTHERN BLUE FLAG IRIS	1 GAL.	CONT.	24-30" x 24-30"	PLANT 18" O.C.
JE	395	Juncus effusus	SOFT RUSH	1 GAL.	CONT.	2-4' x 2-4'	PLANT 18" O.C.
KF	10	Calamagrostis x acutiflora 'Karl Foerster'	KARL FOERSTER FEATHER REEDGRASS	5 GAL.	CONT.	24-48" x 24"	PLANT 24" O.C.
NF	415	Nepeta faassenii 'Walker's Low'	WALKER'S LOW CATMINT	1 GAL.	CONT.	18-24" x 18"	PLANT 18" O.C.
PL	189	Pennisetum alopecuroides 'Little Bunny'	DWARF FOUNTAIN GRASS 'LITTLE BUNNY'	1 GAL.	CONT.	12-18" x 18-24"	PLANT 20" O.C.
PV	135	Panicum virgatum 'Shenandoah'	SHENANDOAH SWITCH GRASS	1 GAL.	CONT.	2-3' x 2'	PLANT 30" O.C.
SS	56	Salvia x sylvestris 'May Night'	MAY NIGHT SAGE	1 GAL.	CONT.	18-24" x 18-24"	PLANT 24" O.C.



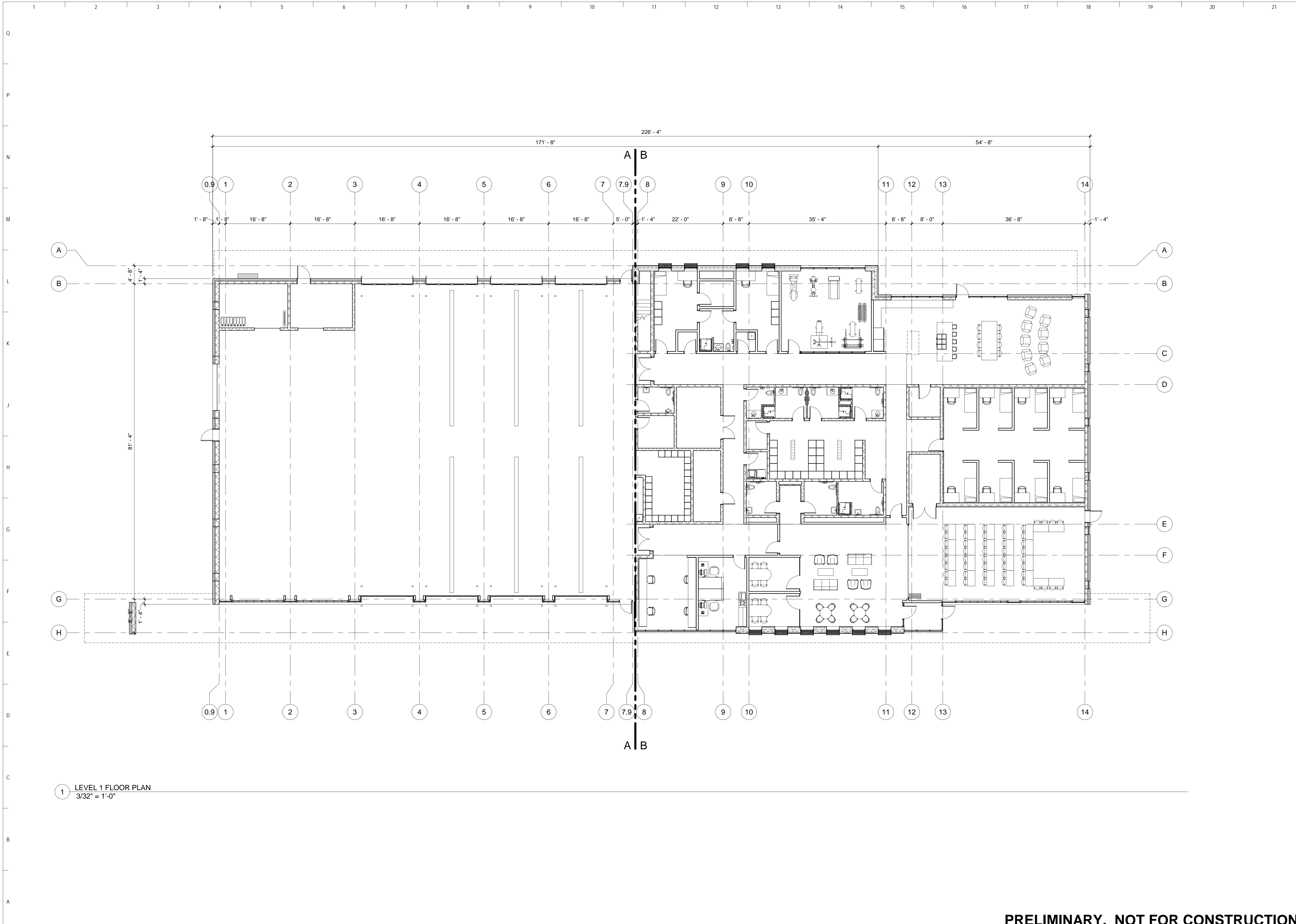
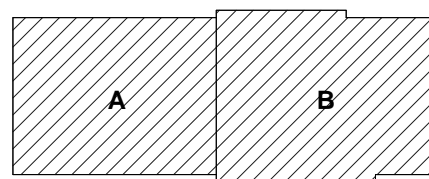
**1 SITE PLAN**  
1" = 50'-0"



**PRELIMINARY. NOT FOR CONSTRUCTION.**

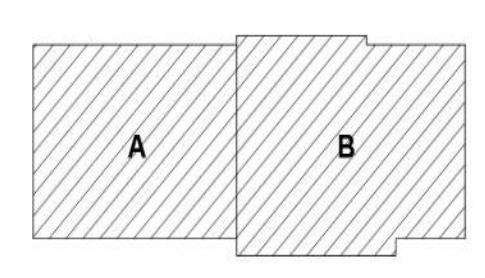
**L101**







Key Plan



Sheet Issue Date  
**Schematic Design** 05/22/17

Revision Date

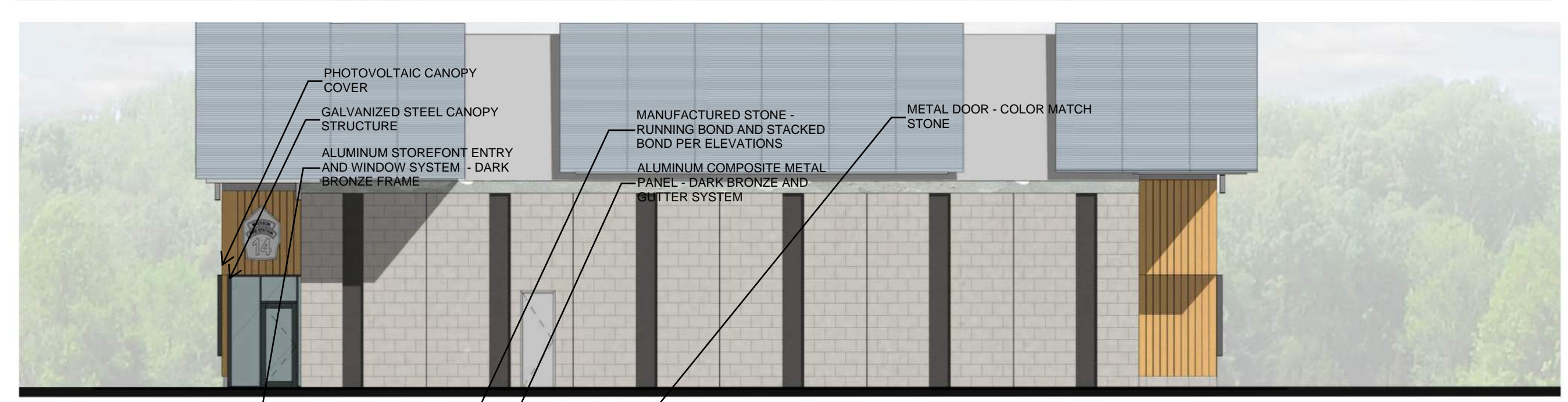
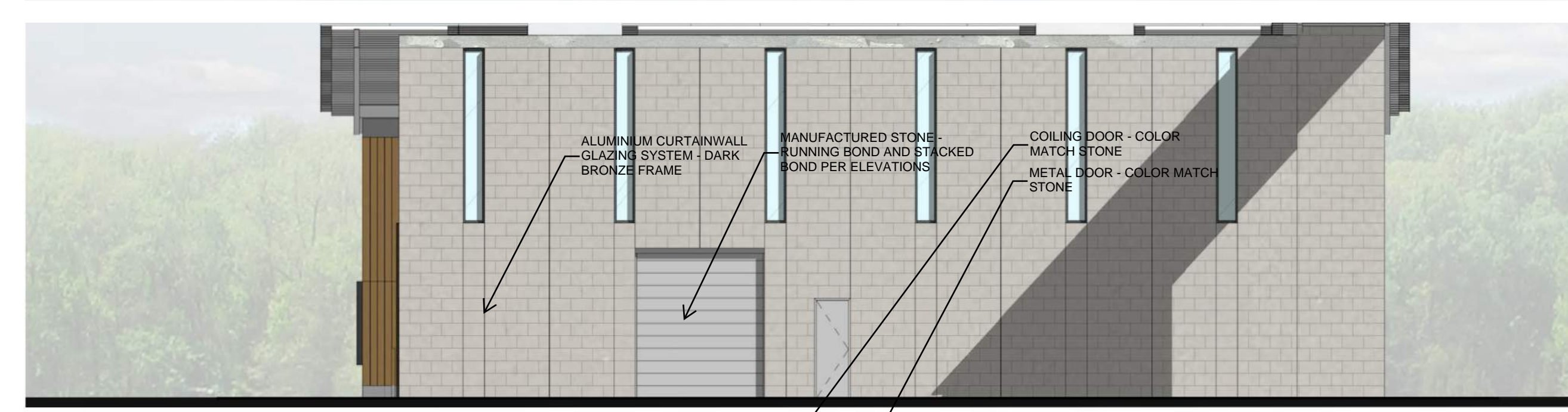
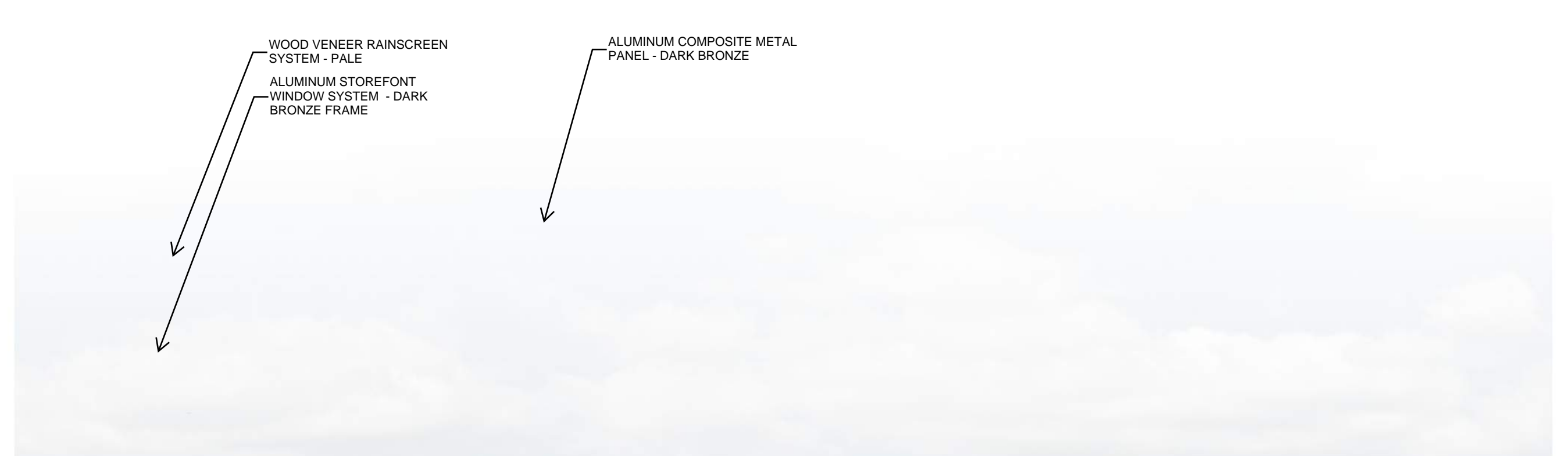
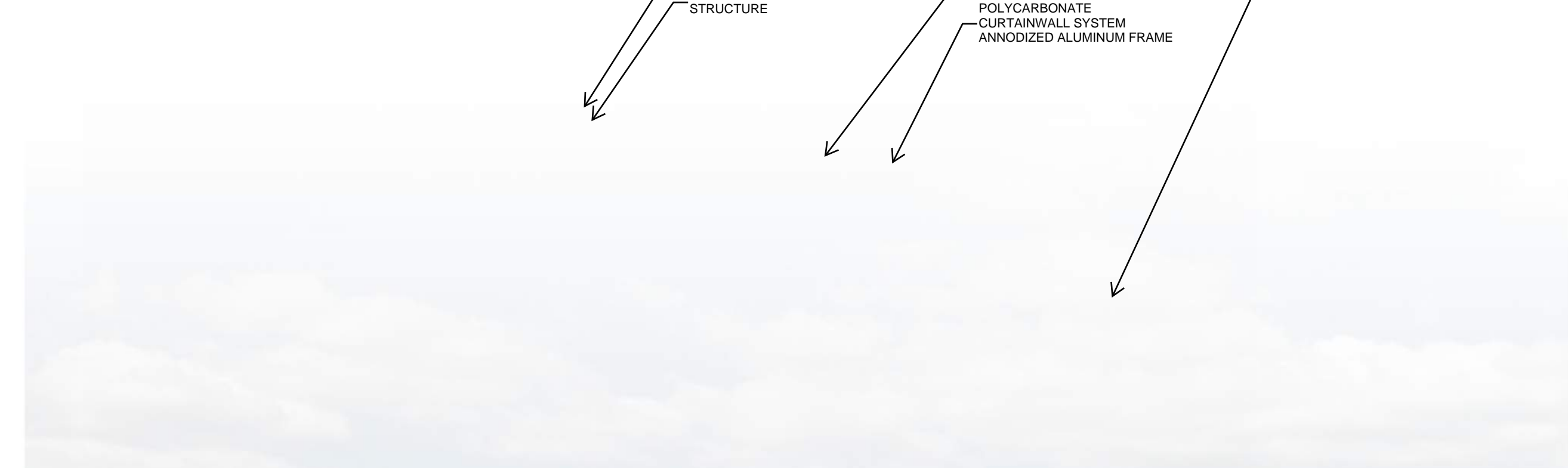
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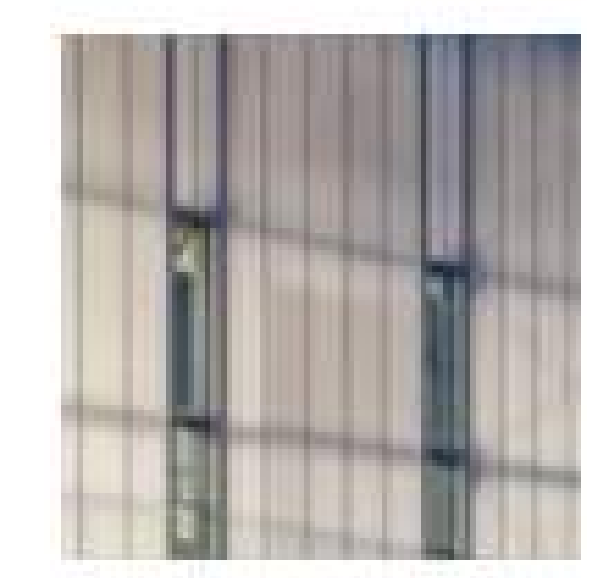
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Drawing  
**EXTERIOR ELEVATIONS**

OPN Project No. 1720700



MATERIAL: MANUFACTURED STONE  
COLOR: MONTECITO RENAISSANCE  
MANUFACTURER: ARRISCRAFT BUILDING STONE



MATERIAL: POLYCARBONATE  
COLOR: CLEAR / WHITE  
MANUF: CPI DAYLIGHTING



MATERIAL: WOOD VENEER  
COLOR: RUSTIC  
MANUF: PRODEMA (EXTERIOR)



MATERIAL: MTL. PANEL  
COLOR: CNC CHARCOAL  
MANUF: ALPOLC



MATERIAL: GALVANIZED STEEL  
COLOR: GALVANIZED  
MANUF: N/A



MATERIAL: GLASS  
TYPE: 1/4" SLBG0 AN ST, 1/2"  
AIR SPACE, 1/4" CLEAR  
MANUF: OLDCASTLE