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

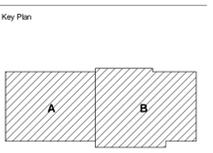
Project
 Madison Fire Station 14
 3201 Dainy Drive
 Madison WI, 53718

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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Electrical Engineer
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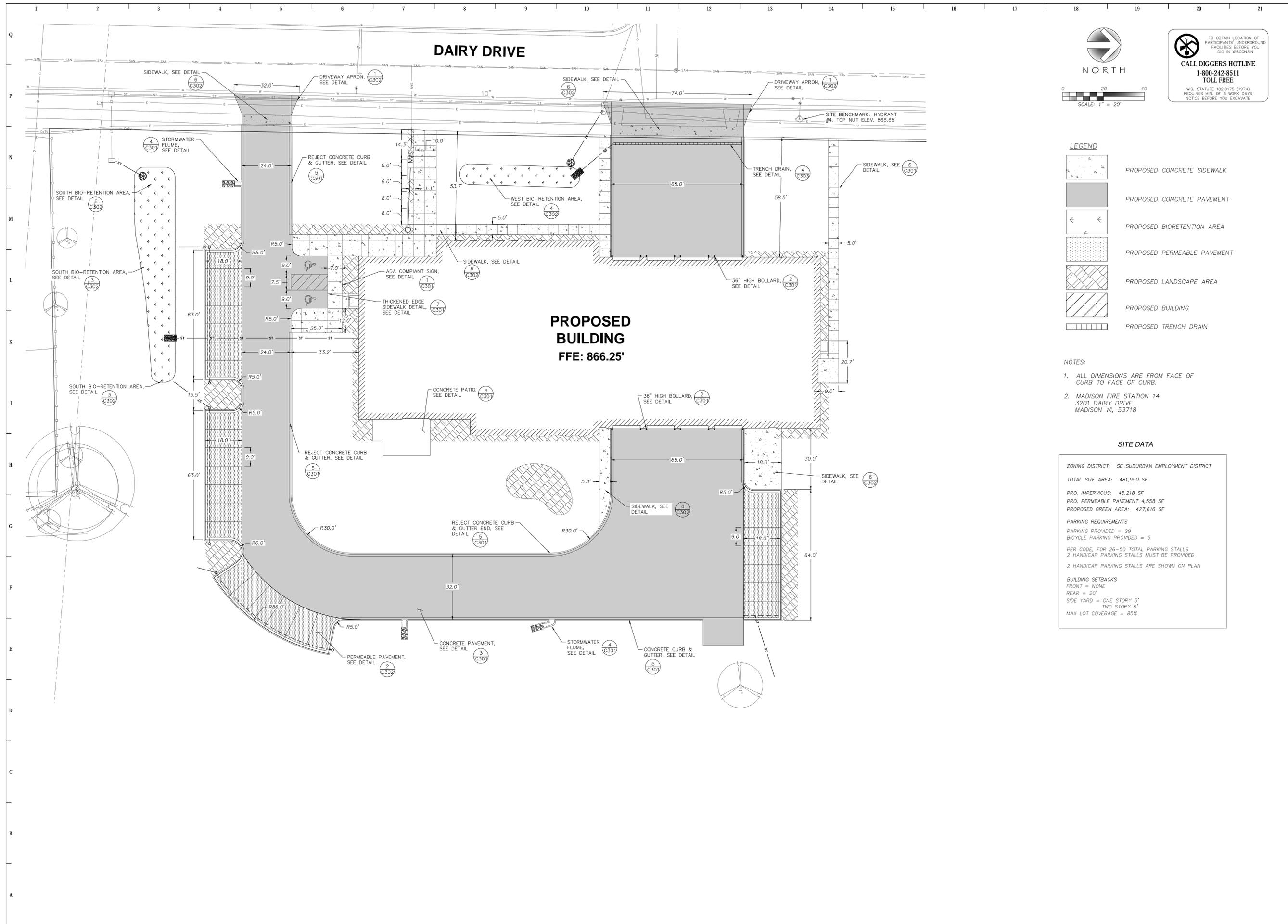
Sheet Issue Date
 UDC FINAL - 06/13/17

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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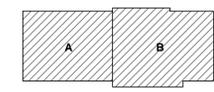
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Key Plan



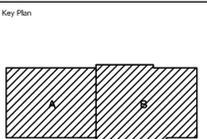
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PRE - DESIGN
NOT FOR CONSTRUCTION

Drawing
Site Plan

OPN Project No. 17207000



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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

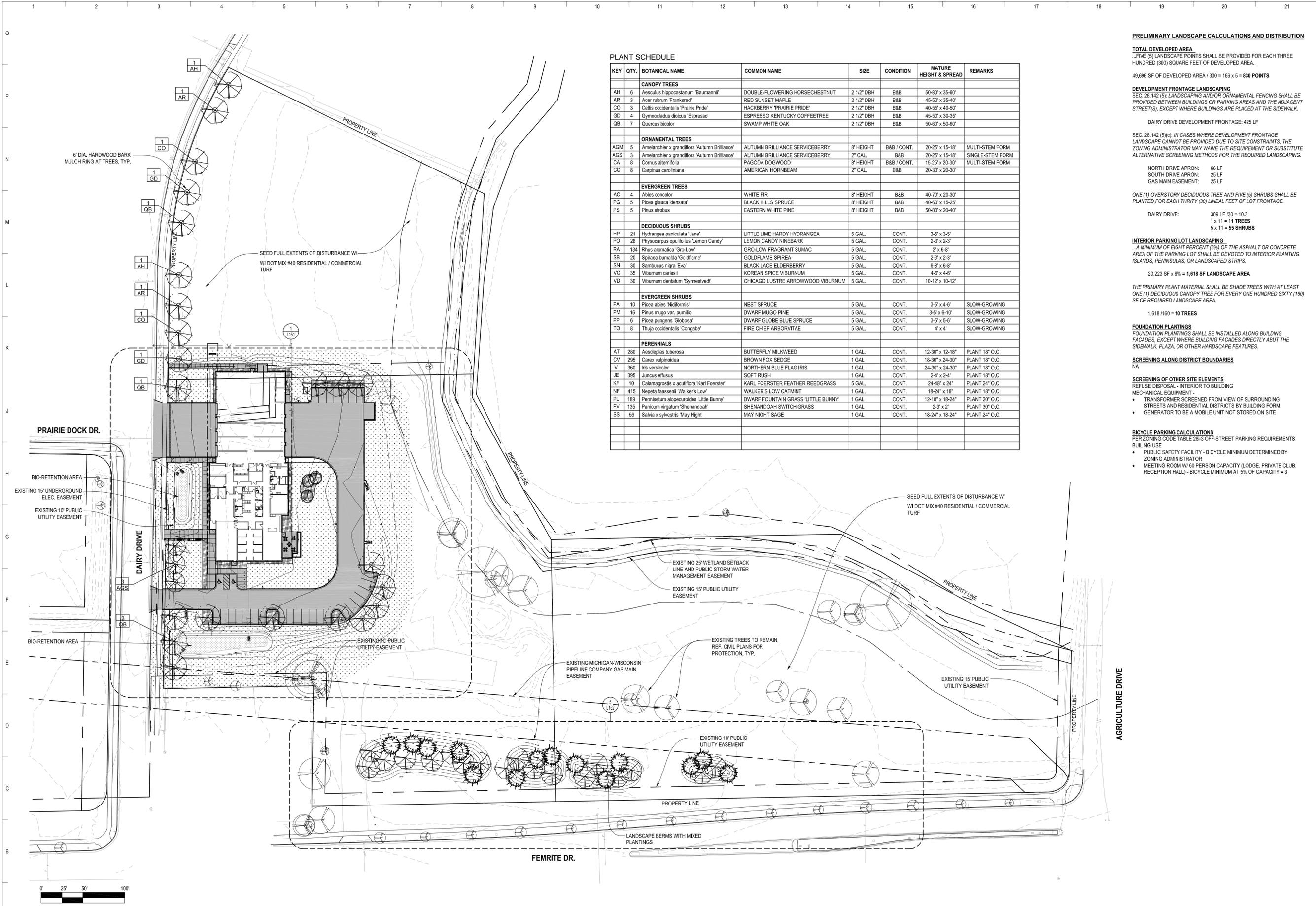
SCREENING OF OTHER SITE ELEMENTS
REFUSE DISPOSAL - INTERIOR TO BUILDING
MECHANICAL EQUIPMENT -
• TRANSFORMER SCREENED FROM VIEW OF SURROUNDING STREETS AND RESIDENTIAL DISTRICTS BY BUILDING FORM.
• GENERATOR TO BE A MOBILE UNIT NOT STORED ON SITE

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
CANOPY TREES							
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'	
ORNAMENTAL TREES							
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'	
EVERGREEN TREES							
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'	
DECIDUOUS SHRUBS							
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'	
EVERGREEN SHRUBS							
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 'Congabe'	FIRE CHIEF ARBORVITAE	5 GAL.	CONT.	4' x 4'	SLOW-GROWING
PERENNIALS							
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.

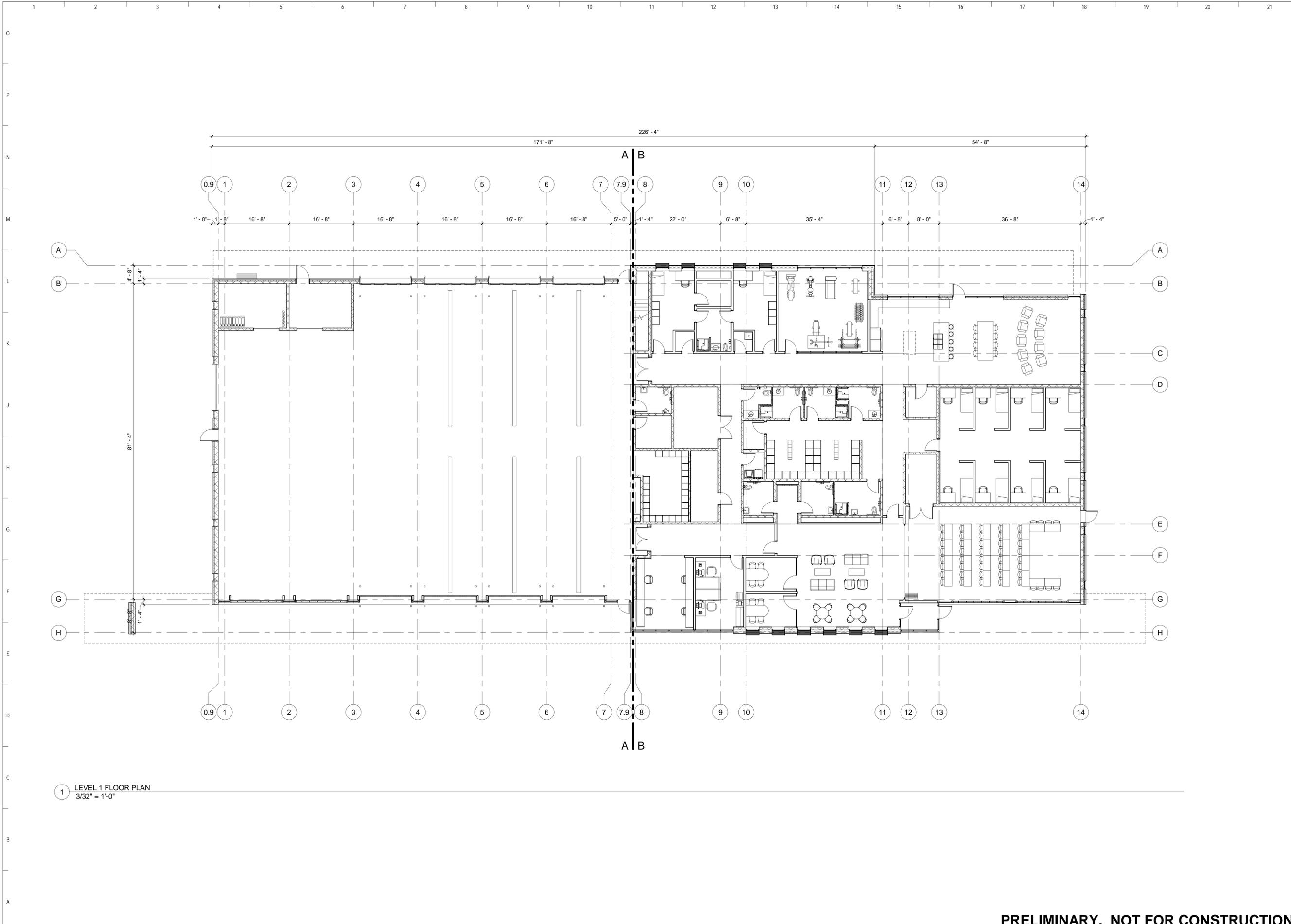
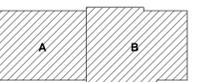


1 SITE PLAN
1" = 50'-0"



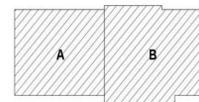
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L101



1 LEVEL 1 FLOOR PLAN
3/32" = 1'-0"

Key Plan



Sheet Issue Date	Date
Schematic Design	05/22/17

Revision	Date
UDC FINAL	06/13/17

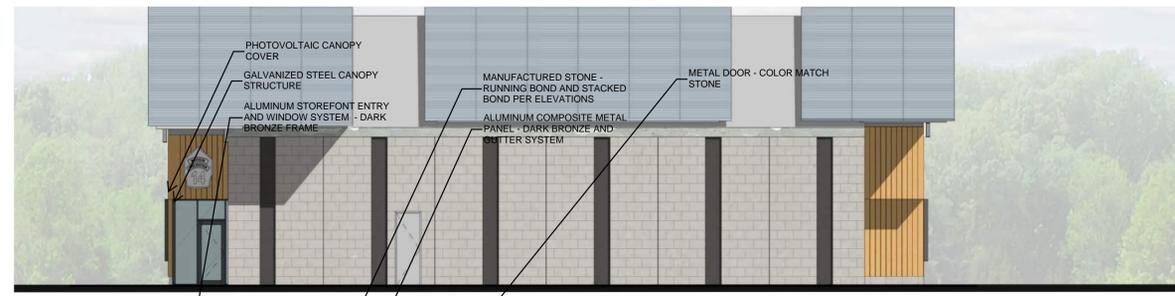
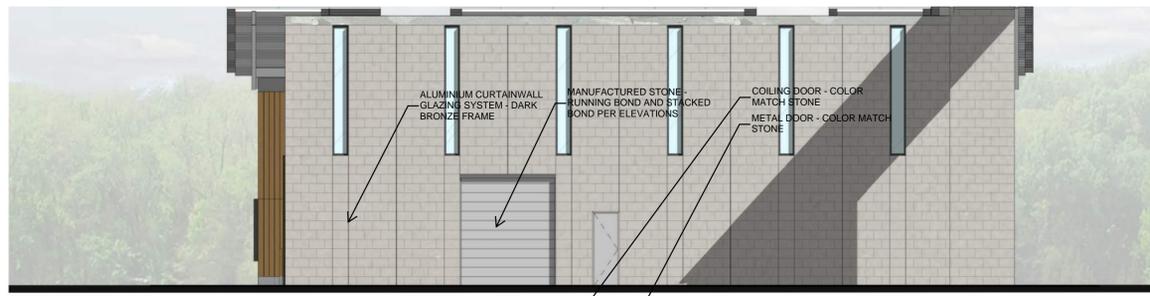
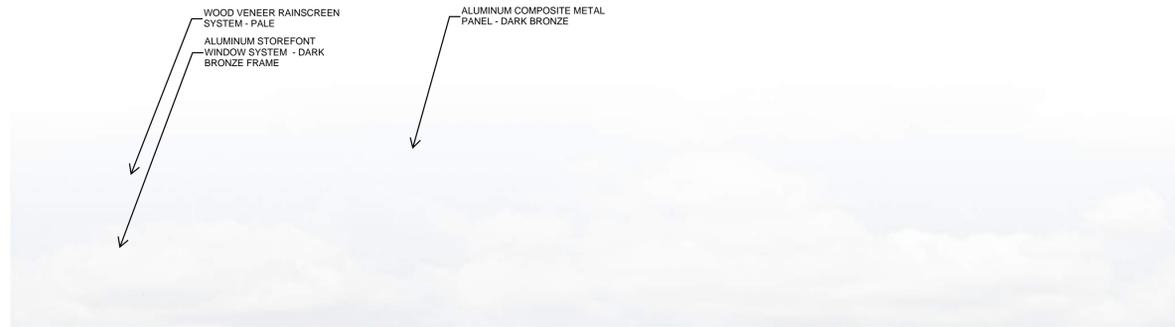
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Drawing
EXTERIOR ELEVATIONS



- PHOTOVOLTAIC CANOPY COVER
- GALVANIZED STEEL CANOPY STRUCTURE
- ALUMINUM CURTAINWALL GLAZING SYSTEM - DARK BRONZE FRAME
- POLYCARBONATE CURTAINWALL SYSTEM ANNODIZED ALUMINUM FRAME
- INSULATED STEEL FOUR-FOLD GARAGE DOOR
- WOOD VENEER RAINSCREEN SYSTEM - PALE
- ALUMINUM STOREFRONT WINDOW SYSTEM - DARK BRONZE FRAME
- ALUMINUM COMPOSITE METAL PANEL - DARK BRONZE



- PHOTOVOLTAIC CANOPY COVER
- GALVANIZED STEEL CANOPY STRUCTURE
- ALUMINUM CURTAINWALL GLAZING SYSTEM - DARK BRONZE FRAME
- POLYCARBONATE CURTAINWALL SYSTEM ANNODIZED ALUMINUM FRAME
- WOOD VENEER RAINSCREEN SYSTEM - PALE
- ALUMINUM STOREFRONT WINDOW SYSTEM - DARK BRONZE FRAME
- ALUMINUM COMPOSITE METAL PANEL - DARK BRONZE
- POLYCARBONATE CURTAINWALL SYSTEM ANNODIZED ALUMINUM FRAME
- SECTIONAL OVERHEAD GARAGE DOOR - DARK BRONZE FRAME



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