



131E 29th street
suite 410
Oak Brook, IL 60023
p 630.218.0063
www.waremalcomb.com

FOR AND ON BEHALF
OF WARE MALCOMB

FOX HAVEN SQUARE
PRELIMINARY ENGINEERING
502 N KIRK RD.
ST. CHARLES, IL 60174

GENERAL NOTES table with columns: NO., DATE, REVISIONS, JOB NO., PA / PM, DESIGNED, DATE, PLOT DATE, SHEET C1.1, Sheet 2 of 8

WM NOTES: SANITARY SEWER TESTING NOTES

- 1. THE MAXIMUM ALLOWABLE INFILTRATION SHALL BE 100 GALLONS PER FIVE FEET PER INCH DIAMETER OF PIPE... THE SANITARY SEWER SHALL BE TESTED BY THE CONTRACTOR AND A VIDEO TAP RECORD SHALL BE MADE AND TURNED OVER TO THE MUNICIPALITY AFTER CONSTRUCTION BUT PRIOR TO PLACING THE SANITARY SEWER INTO SERVICE.

WM NOTES: WATER DISINFECTION NOTES

AFTER THE WATER MAIN INSTALLATION HAS BEEN SATISFACTORILY COMPLETED, INCLUDING PRESSURE AND LEAKAGE TESTING, THE CONTRACTOR SHALL FURNISH EQUIPMENT AND CHEMICALS NECESSARY TO PROPERLY DISINFECT THE WORK IN ACCORDANCE WITH THE LATEST REVISION OF AWWA STANDARD C901...

WM NOTES: WATER MAIN TESTING NOTES

ALL WATER MAIN AND SERVICE PIPE, FITTINGS, VALVES AND HYDRANTS SHALL BE SUBJECTED TO A HYDROSTATIC PRESSURE OF 200 PSI AFTER INSTALLATION. EACH SECTION OF WATER MAIN AND CONNECTIONS TO BE PRESSURE TESTED SHALL BE CAREFULLY FILLED WITH WATER TO EXPEL ALL TRAPPED AIR...

- 1. UNDERGROUND PIPING, THRUST BLOCKS, AND RESTRAINTS SHALL BE VISUALLY INSPECTED PRIOR TO BEING COVERED... 2. UNDERGROUND FLOWING SHALL BE COMPLETED PRIOR TO THE FIRE SERVICE MAIN BEFORE THE BACKFLOW ASSEMBLY IS INSTALLED AND PUT INTO SERVICE...

CITY OF ST. CHARLES NOTES:

- 1. A CURRENT COLOR VIDEO RECORD AND A WRITTEN TRANSCRIPTION OF THE INTERNAL INSPECTION OF THE NEWLY CONSTRUCTED STORM AND SANITARY SEWER SYSTEMS SHALL BE SUBMITTED PRIOR TO REFUNDING OF SITE IMPROVEMENT ESCROW RETENTION MONIES BY THE CITY OF ST. CHARLES...

WM NOTES: SITE GRADING NOTES

- 1. ALL SITE IMPROVEMENTS, INCLUDING STORM WATER DRAINAGE (BUT NOT WATER MAINS AND SANITARY SEWERS) SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION," ADOPTED JAN. 1, 2022 WITH ALL SUBSEQUENT SUPPLEMENTS, AND LOCAL JURISDICTIONAL REQUIREMENTS...

WM NOTES: WATER MAIN CONSTRUCTION NOTES

- 1. ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS," LATEST EDITION, THE NOTES AND ON THE PLANS, AND IN ACCORDANCE WITH THE ORDINANCES AND ORDINANCES OF THE LOCAL JURISDICTION HAVING AUTHORITY...

WM NOTES: SANITARY SEWER CONSTRUCTION NOTES

- 1. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS," LATEST EDITION, AND REVISIONS THERETO, THE NOTES AND ON THE PLANS, AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION...

WM NOTES: DEFLECTION TESTING FOR FLEXIBLE THERMOPLASTIC PIPE NOTES

- 1. ALL PIPELINE SHALL BE TESTED FOR EXCESS DEFLECTION BY PULLING A "GO - NO GO" MANDREL THROUGH THE PIPE FROM MANHOLE TO MANHOLE... 2. WHERE DEFLECTION IS FOUND TO BE IN EXCESS OF ALLOWABLE TESTING LIMITS, THE CONTRACTOR SHALL EXCAVATE TO THE POINT OF EXCESS DEFLECTION AND CAREFULLY COMPACT AROUND THE POINT WHERE EXCESS DEFLECTION WAS FOUND...

WM NOTES: PAVEMENT & CONCRETE CONSTRUCTION NOTES

- 1. ALL SITE IMPROVEMENTS, INCLUDING STORM WATER DRAINAGE (BUT NOT WATER MAIN AND SANITARY SEWERS) SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION," ADOPTED JAN. 1, 2022 WITH ALL SUBSEQUENT SUPPLEMENTS, AND LOCAL JURISDICTIONAL REQUIREMENTS...

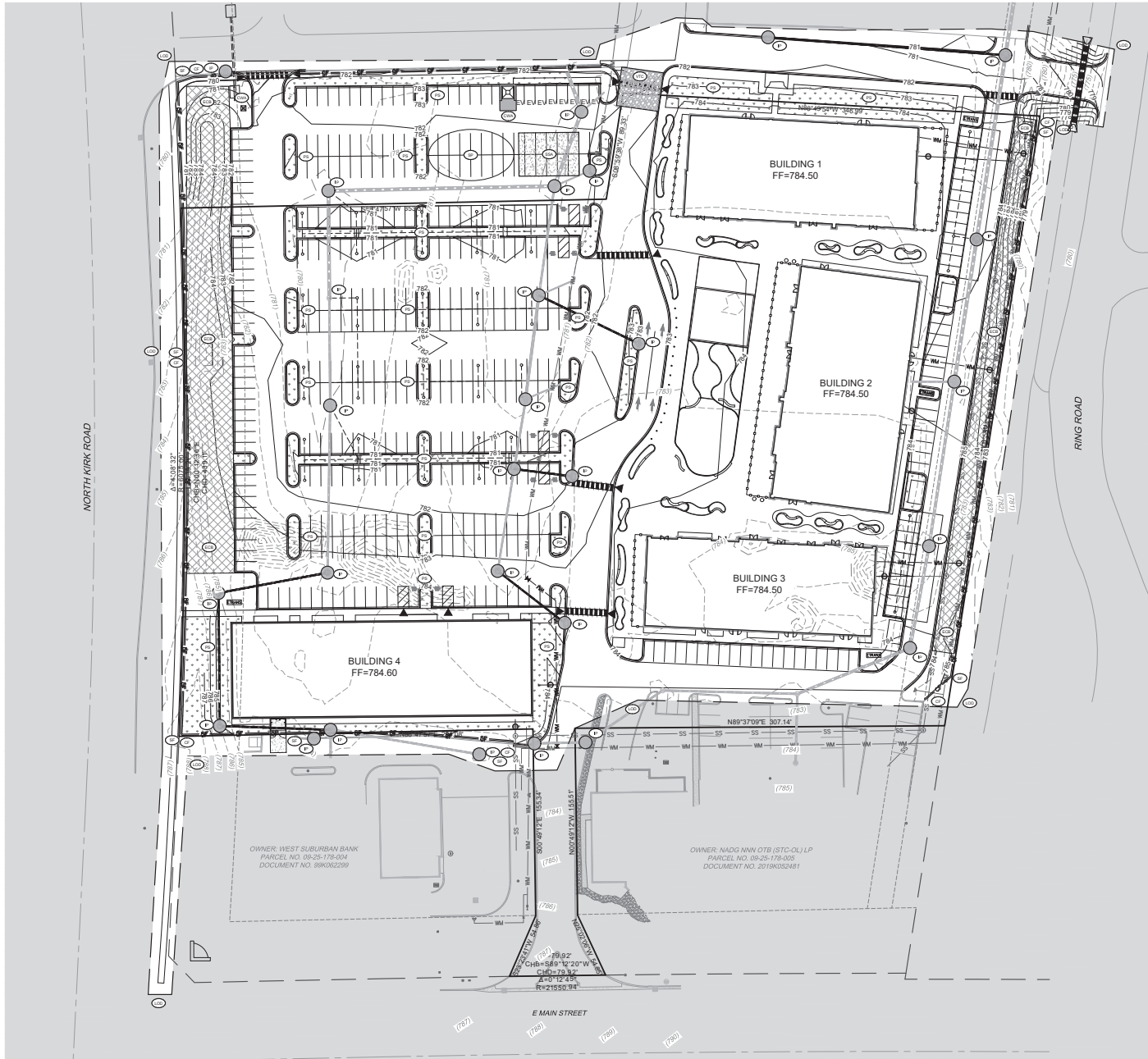
WM NOTES: STORM SEWER CONSTRUCTION NOTES

- 1. ALL STORM SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, ADOPTED JAN. 1, 2022, AND REVISIONS THERETO, THE NOTES IN THE PLANS, AND IN ACCORDANCE WITH THE ORDINANCES OF THE AUTHORITY HAVING JURISDICTION...

WM NOTES: GENERAL NOTES

- 1. ELEVATIONS ARE U.S.G.S DATUM. 2. DO NOT SCALE DRAWINGS. 3. THE CITY OF ST. CHARLES STANDARDS SUPERCEDE ALL OTHERS. THE CONTRACTOR SHALL NOTIFY THE CITY A MINIMUM OF 48 HOURS PRIOR ANY INSPECTION. 4. THE CONTRACTOR SHALL EXAMINE THE PLANS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK, AND INFORM HIMSELF FULLY WITH THE WORK INVOLVED, GENERAL AND LOCAL CONDITIONS, ALL FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS AND ALL OTHER PERTINENT ITEMS WHICH MAY AFFECT THE COST AND TIME OF COMPLETION OF THIS PROJECT BEFORE SUBMITTING A PROPOSAL...

W:\CH23\30124\01\CAD\DWG\CAD\DWG\ Preliminary\CH23-30124_C1.Dwg, Cover Sheet & General Notes.dwg 04/18/2024 ANELSON, LT

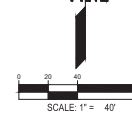


EROSION CONTROL BMP LEGEND

LOC	LIMITS OF CONSTRUCTION	
CF	CONSTRUCTION FENCE	
CWA	CONCRETE WASHOUT AREA	
ECB	EROSION CONTROL BLANKET	
IP	INLET PROTECTION	
MU	MULCHING & TEMPORARY SEEDING	
TS	PERMANENT SEEDING / LANDSCAPE (PER LANDSCAPE PLAN)	
PS	SILT FENCE	
SF	STOCKPILE MANAGEMENT	
SSA	STABILIZED STAGING AREA	
VTC	VEHICLE TRACKING CONTROL	

EROSION CONTROL NOTES

1. CONTRACTOR TO INSPECT AND MAINTAIN EROSION CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION, INCLUDING INSTALLING, REPAIRING, REPLACING, RELOCATING, AND MODIFYING AS NECESSARY FOR CONSTRUCTION AND TO ENSURE THE SITE IS IN COMPLIANCE WITH STATE AND LOCAL REQUIREMENTS.
2. ADDITIONAL EROSION CONTROL MEASURES NOT SHOWN ON THIS PLAN MAY BE NECESSARY TO PREVENT EROSION AND SEDIMENTATION.
3. AREAS THAT ARE TO REMAIN IN A DISTURBED CONDITION FOR AN EXTENDED PERIOD SHALL BE TEMPORARILY SEEDED IN ACCORDANCE WITH STATE AND LOCAL CRITERIA.
4. REFER TO THE APPROVED LANDSCAPE PLAN FOR FINAL STABILIZATION INFORMATION. AREAS NOT STABILIZED BY PAVEMENT, BUILDING FOOTPRINT, PERMANENT LANDSCAPING, OR OTHER PERMANENT STABILIZATION SHALL BE PERMANENTLY SEEDED PER STATE AND LOCAL REQUIREMENTS.
5. CONTRACTOR TO KEEP PAVEMENT CLEAN OF MUD AND DEBRIS USING SWEEPING/SCRAPING EQUIPMENT TO BE STORED ON-SITE.
6. PROVIDE VEHICLE WASHOUT FOR VEHICLES ENTERING SITE LOCATED OUTSIDE OF IDOT RIGHT OF WAY.



WARE MALCOMB
LEADING DESIGN FOR COMMERCIAL REAL ESTATE

13 E. 29th Street
Suite 410
Oak Brook, IL 60023
p 630.218.0093
waremalcomb.com

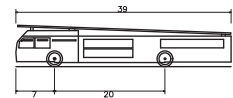
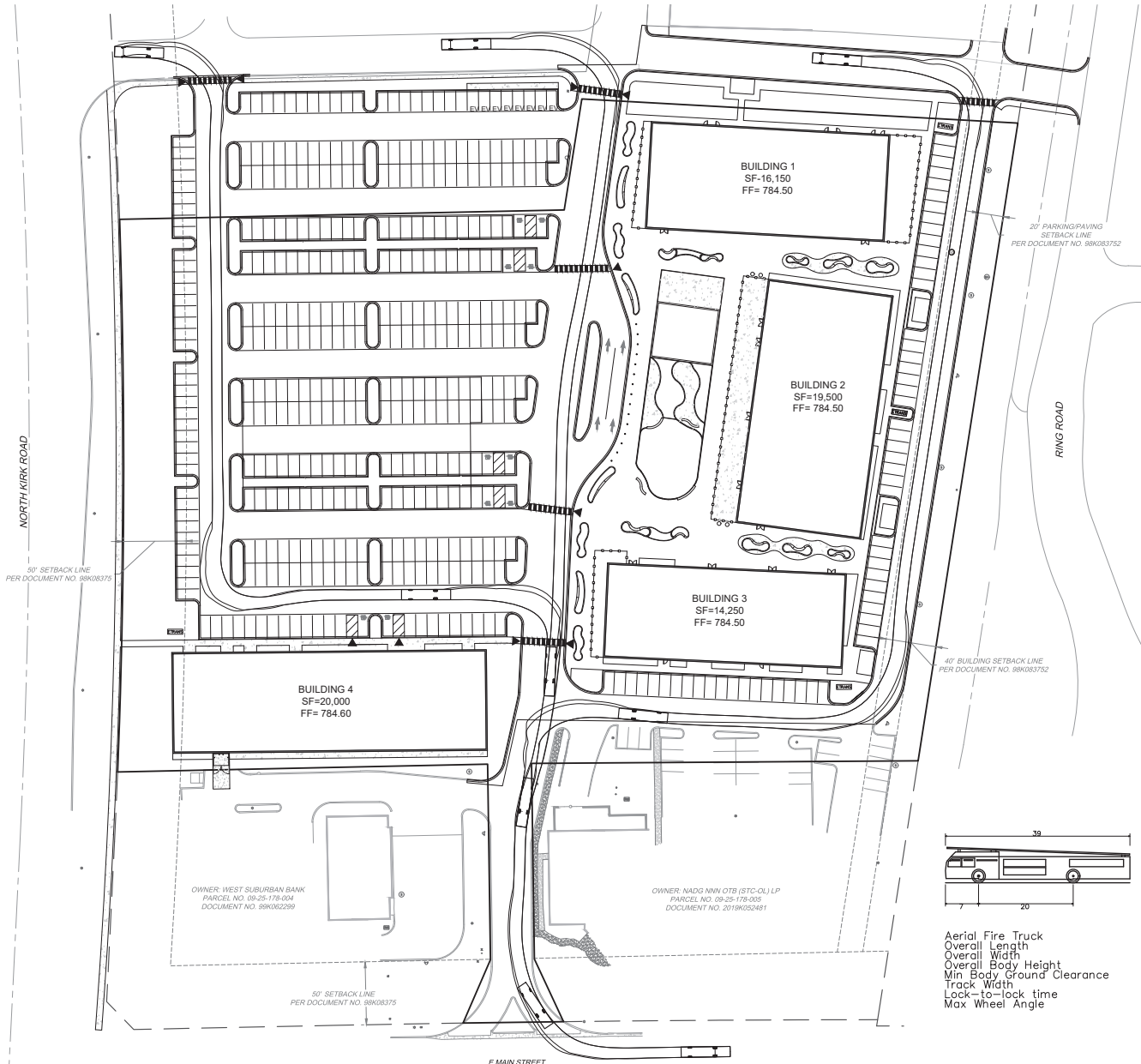
FOR AND ON BEHALF
OF WARE MALCOMB

FOX HAVEN SQUARE
PRELIMINARY ENGINEERING
502 N KIRK RD.
ST. CHARLES, IL 60174

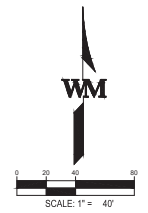
PRELIMINARY EROSION CONTROL & SEDIMENT CONTROL PLAN	
NO.	REVISIONS

JOB NO.:	CH23-0124
PA / PM:	J. GRZYWA
DESIGNED:	T. SNOW
DATE:	1-19-24
PLOT DATE:	04/18/24

SHEET
C5.0
Sheet 6 of 8



Aerial Fire Truck
Overall Length 39.000ft
Overall Width 7.500ft
Overall Body Height 20.000ft
Min Body Ground Clearance 7.500ft
Track Width 4.000ft
Lock-to-lock time 0.00s
Max Wheel Angle 45.00°



WARE MALCOMB
LEADING DESIGN FOR COMMERCIAL REAL ESTATE

1315 22nd street
Suite #10
Chicago, IL 60623
p 630.218.0063
www.waremalcomb.com

FOR AND ON BEHALF
OF WARE MALCOMB

FOX HAVEN SQUARE
PRELIMINARY ENGINEERING
502 N KIRK RD.
ST. CHARLES, IL 60174

FIRE ACCESS & CIRCULATION PLAN

NO.	DATE	REMARKS

JOB NO.:	CHI23-0124
PA / PIR:	J. GRZYWA
DESIGNED:	T. SNOW
DATE:	1-19-24
PLOT DATE:	04/17/24

SHEET
1

LANDSCAPE CALCULATIONS

Parkway Trees - Kirk Road: 548 I.F.
 Required: 1 tree per 50' = 11 trees
Parkway Trees Provided = 14

Public Street Frontage Landscaping - Kirk Road: 548 I.F.
 Required: 1 tree per 40' = 14 trees
Trees Provided = 11 (6 ornamental & 5 shade trees)
Landscape Screening Provided = 412 I.F.

Parking Lot Screening - Parking Lot Length: 370 I.F.
 Required: 80% or 185 I.F.
Landscape Screening Provided = 204 I.F.

The following list of quality trees and shrubs will be used for final plant selections:

PLANT LIST

BOTANICAL NAME **COMMON NAME**

DECIDUOUS SHADE TREES

Acer f. 'Jeffersred'
 Acer f. 'Marmo'
 Acer s. 'Nobis'
 Aesculus x 'F1McNair'
 Catalpa speciosa
 Celtis occidentalis
 Ginkgo b. 'Autumn Gold'
 Ginkgo b. 'Princeton Sentry'
 Gleditsia L. 'Skyline'
 Gymnocladia dioica
 Gynocladia d. 'Especosa'
 Platanus x s. 'Arlon Circle'
 Quercus bicolor
 Quercus imbricaria
 Quercus macrocarpa
 Quercus muhlenbergii
 Quercus rubra
 Quercus f. 'Long'
 Taxodium s. 'Mikelston'
 Tilia a. 'Redmond'
 Tilia s. 'Greeningale'
 Ulmus 'Frontier'
 Ulmus 'Morton'

EVERGREEN TREES

Picea abies
 Picea p. 'Densata'
 Picea pungens
 Picea p. 'Glauc'
 Picea p. 'Fat Albert'
 Pinus f. 'Wanderwolf's Pyramid'
 Pinus strobus
 Pinus s. 'Fastigiate'
 Pseudotsuga menziesii
 Thuja o. 'Green Giant'
 Tsuga canadensis

Autumn Blaze Freeman Maple
 Marmo Freeman Maple
 State Street Maple
 Fort McNair Horsechestnut
 Northern Catalpa
 Hackberry
 Autumn Gold Ginkgo
 Princeton Sentry Ginkgo
 Skyline Honeylocust
 Kentucky Coffeetree
 Especosa Kentucky Coffeetree
 Exclamation London Planetree
 Swamp White Oak
 Shingle Oak
 Burr Oak
 Chinquapin Oak
 Red Oak
 Regal Prince English Oak
 Shawnee Brave Bald Cypress
 Tilia a. 'Redmond'
 Tilia s. 'Greeningale'
 Fronted Elm
 Acotade Elm

EVERGREEN TREES

Norway Spruce
 Black Hills Spruce
 Colorado Green Spruce
 Colorado Blue Spruce
 Picea p. 'Fat Albert'
 Vanderwolf's Pyramid Lumber Pine
 Eastern White Pine
 Fastigiate White Pine
 Douglas Fir
 Green Giant Arborvitae
 Canadian Hemlock

DECIDUOUS ORNAMENTAL TREES

Americanlarch g. 'Autumn Brilliance'
 Betula s. 'Cully'
 Carpinus caroliniana
 Ceras canadensis
 Cornus alternifolia
 Crataegus c. nemris
 Magnolia s. 'Lanier'
 Malus 'Donald Wyman'
 Malus 'Red Jewel'
 Malus 'Prairie Fire'
 Malus s. 'Selleck A'
 Malus s. 'Tina'
 Ostrya virginiana
 Syringa f. 'Ivory Silk'
 Syringa s. 'Morton'
 Syringa s. 'Zhing Zhiming'

DECIDUOUS SHRUBS & SHRUB ROSES

Aronia melanocarpa
 Aronia m. UCONAM160'
 Clethra s. 'Sibleen Candles'
 Cornus racemosa
 Cornus americana
 Cornus alternifolia
 Cotoneaster 'Hesse'
 Diervilla f. 'SMONDRP'
 Diervilla s. 'Q2288544'
 Diervilla s. 'Butterfly'
 Diervilla s. 'LPDC Podaras'
 Diervilla splendens
 Hamamelis vernalis
 Hydrangea a. 'Annabell'
 Hydrangea a. 'Avalon'
 Hydrangea p. 'LVGB0'
 Hydrangea p. 'Jane'
 Hydrangea p. 'Limelight'
 Hydrangea p. 'Bull'
 Hydrangea p. 'SINKPLCP'
 Hydrangea s. 'Pie Veil'
 Hydrangea s. 'WAK0'
 Hydrangea m. 'SMBARF'
 Physocarpus o. 'Little Devil'

PHYSCARPUS o. 'Ginger Wine'
Physocarpus o. 'Seward'

Rhus a. 'On-Low'
 Rosa species
 Spiraea species
 Syringa m. 'Palibisi'
 Syringa s. 'Miss Kim'
 Syringa 'SMBSP'
 Viburnum c. 'SMBGP'
 Viburnum 'Cayuga'
 Viburnum d. 'Christom'
 Viburnum dentatum
 Viburnum prunifolium
 Viburnum d. 'Syracuse'
 American Hophornbeam
 Ivory Silk Tree Lilac
 China Snow Tree Lilac
 Beijing Gold Tree Lilac

EVERGREEN SHRUBS

Juniperus chinensis species
 Juniperus horizontalis species
 Taxus m. 'Densaformis'
 Taxus m. 'Etnicola'
 Thuja o. 'Smaragd'
 Chinese Juniper
 Horizontal Juniper
 Dense Yew
 European Yew
 Hicks Yew
 Emerald Green Arborvitae

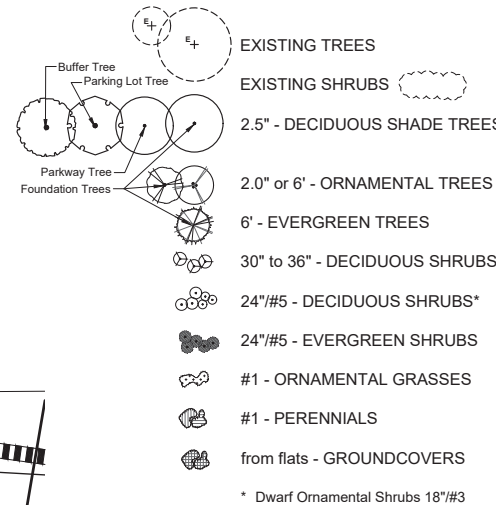
BROADLEAF EVERGREENS

Buxus m. var. 'Koreana Wintergreen'
 Euonymus f. 'Emerald Gaiety'
 Euonymus f. 'Emerald iv Gold'
 Euonymus f. 'Variegata'
 Euonymus f. 'Vireosa Low'

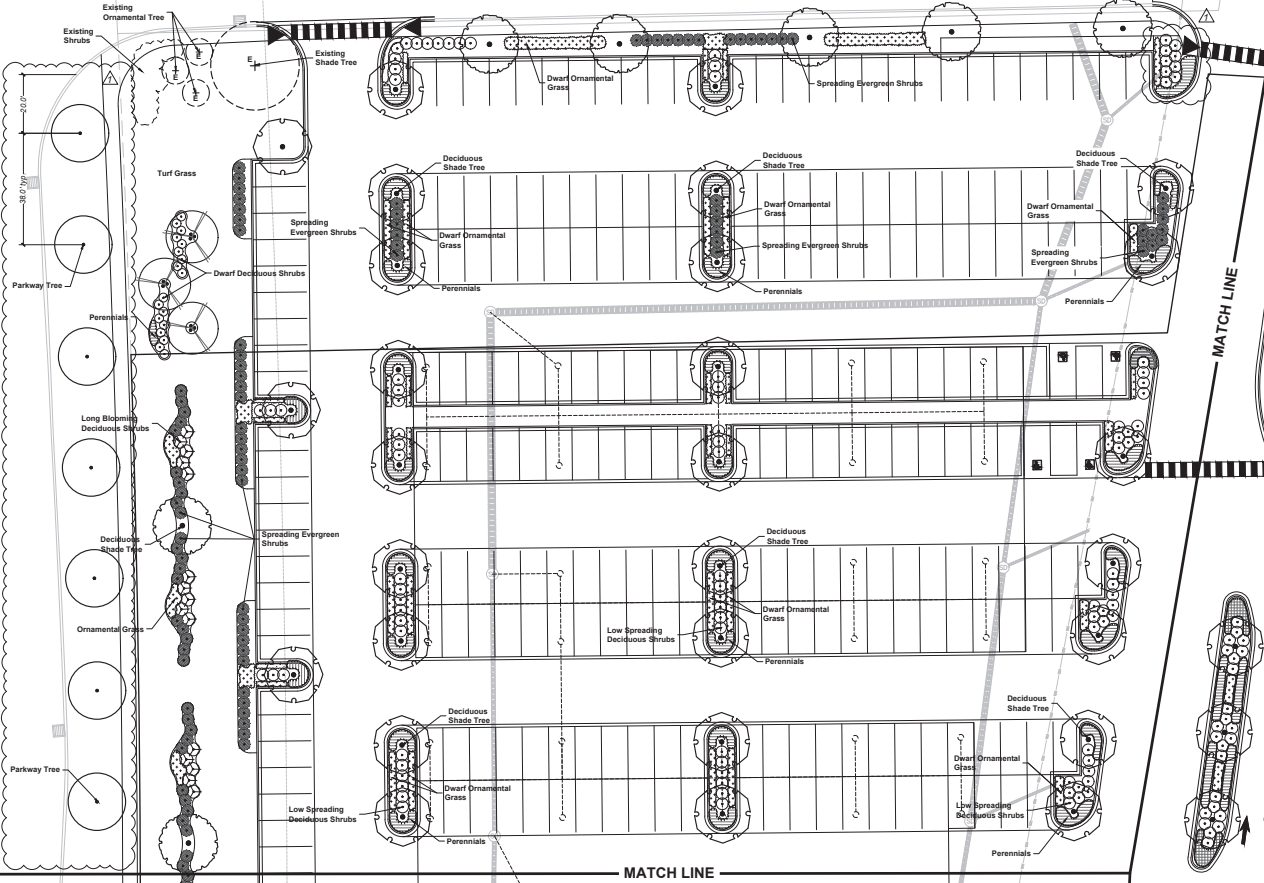
Ginger Wine Ninebark
Summer Wine Ninebark

Gr-Low Sumac
 Shrub Rose
 Dwarf Korean Lilac
 Miss Kim Lilac
 Boomerang Dark Purple Lilac
 Spice Baby Viburnum
 Korean Spice Viburnum
 Blue Muffin Arrowwood Viburnum
 Arrowwood Viburnum
 Blackhaw Viburnum
 Chicago Lustre Viburnum
 Autumn Jazz Viburnum
 Judi Viburnum
 Mohican Viburnum
 Alleghany Viburnum
 Dark Horse Weigela
 Weigela

LEGEND



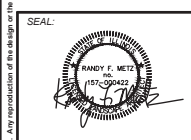
GENERAL NOTES:
 Plant material shall be nursery grown and be either balled and burl-applied or container grown. Sizes and spreads on plant list represent minimum requirements.
 The requirements for measurement, branching and ball size shall conform to the latest addition of ANSI Z60.1, AMERICAN STANDARD OF NURSERY STOCK by the American Nursery & Landscape Association.
 Any materials with damaged or crooked/disfigured leaders, bark abrasion, sunscald, insect damage, etc. are not acceptable and will be rejected. Trees with multiple leaders shall be rejected unless called for in the plant list as multi-stem or clump (c.l.).
 If any mistakes, omissions, or discrepancies are found to exist with the work product, the Landscape Architect shall be promptly notified so that they have the opportunity to take any steps necessary to resolve the issue. Failure to promptly notify the Landscape Architect and the Owner of such conditions shall be deemed to be the responsibility of the contractor.
 Under no circumstances shall these plans be used for construction purposes without examining actual locations of utilities on site, and reviewing all related documents mentioned herein, including related documents prepared by the project Civil Engineer and Architect.
 Civil Engineering or Architectural base information has been provided by others. The location of various site improvements on this set of drawings is only illustrative and should not be relied upon for construction purposes.
 Quantity lists are supplied as a convenience. However, Bidders and the installing Contractor should verify all quantities. The drawings shall take precedence over the lists. Any discrepancies shall be reported to the Landscape Architect.
 Actions taken without the knowledge and consent of the Owner and the Landscape Architect or in contradiction to the Owner and the Landscape Architect's work product or recommendations, shall become the responsibility of the Contractor and the Landscape Architect, but for the parties responsible for the taking of such action.
 Refer to Civil Engineering documents for detailed information regarding site, location, depth and type of utilities, as well as locations of other site improvements, other than landscape improvements.
 Plant symbols illustrated on this plan are a graphic representation of proposed plant material types and are intended to provide for visual clarity. However, the symbols do not necessarily represent actual plant spread at the time of installation.
 All plant species specified are subject to availability. Material shortages in the landscape industry may require substitutions. All substitutions must be approved by the Village, Landscape Architect and Owner.
 The Landscape Contractor shall verify location of all underground utilities prior to digging by calling "U.L.L.I.E." (Joint Utility Location for Excavators) 1-800-892-6123 and any other public or private agency necessary for utility location.
 All perennial, ornamental grass, groundcover and annual beds shall be top dressed with a minimum of three inches (3") of mushroom compost. The top dressing shall be worked into the soil to a minimum depth of nine inches (9") by the use of a cultivating mechanism. Upon completion perennials & ornamental grasses shall be mulched with an additional two inch (2") layer of shredded wood mulch; Annuals & groundcovers shall be covered with a two inch (2") layer of southern pine bark fines mulch.
 All other planting beds and tree saucers shall be mulched with a minimum of three inches (3") of shredded wood mulch. Planting beds adjacent to building shall be mulched in their entirety to the building foundation. Plant materials shall not be installed under building overhangs and other such areas which do not receive natural rainfall.
 Mulch beds at the time of planting shall extend a minimum of two feet (2') beyond the center of a shrub.
 All bed lines and tree saucers shall require a hand spaded edge between lawn and mulched areas.
 Grading shall provide slopes which are smooth and continuous. Positive drainage shall be provided in all areas.
 Sod shall be mineral base only.
 Seed mixes shall be applied mechanically so that the seed is incorporated into the top one-half inch (1/2") of the seed bed. The seed shall then be covered with the specified blanket (installed per manufacturer's specs) or Hydro-mulch.
 All plant material shall be guaranteed for one (1) year from the date of acceptance.



REVISIONS

1	St. Charles Review #1	4-18-24
---	-----------------------	---------

FOX HAVEN SQUARE
 502 N. Kirk Road
 St Charles, Illinois



METZ & COMPANY
 LANDSCAPE ARCHITECTURE/CITY PLANNING
 826 East Maple Street
 Lombard, Illinois 60148
 PH: 630.361.9903
 www.metz-company.com

TITLE: **PRELIMINARY LANDSCAPE PLAN**

PROJECT NO.: **24-248**

DATE: **1-19-2024**

SCALE: **1"=20'**

SHEET: **L-1.0**

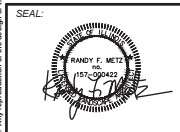


© Copyright 2024. All rights reserved. The design and any part of it shall remain the sole property of Metz & Company. Any reproduction of this design or the use of any part of it without consent from Metz & Company is prohibited.

REVISIONS	
1	St. Charles Review #1
2	
3	
4	
5	
6	
7	
8	
9	
10	

FOX HAVEN SQUARE

502 N. Kirk Road
St Charles, Illinois



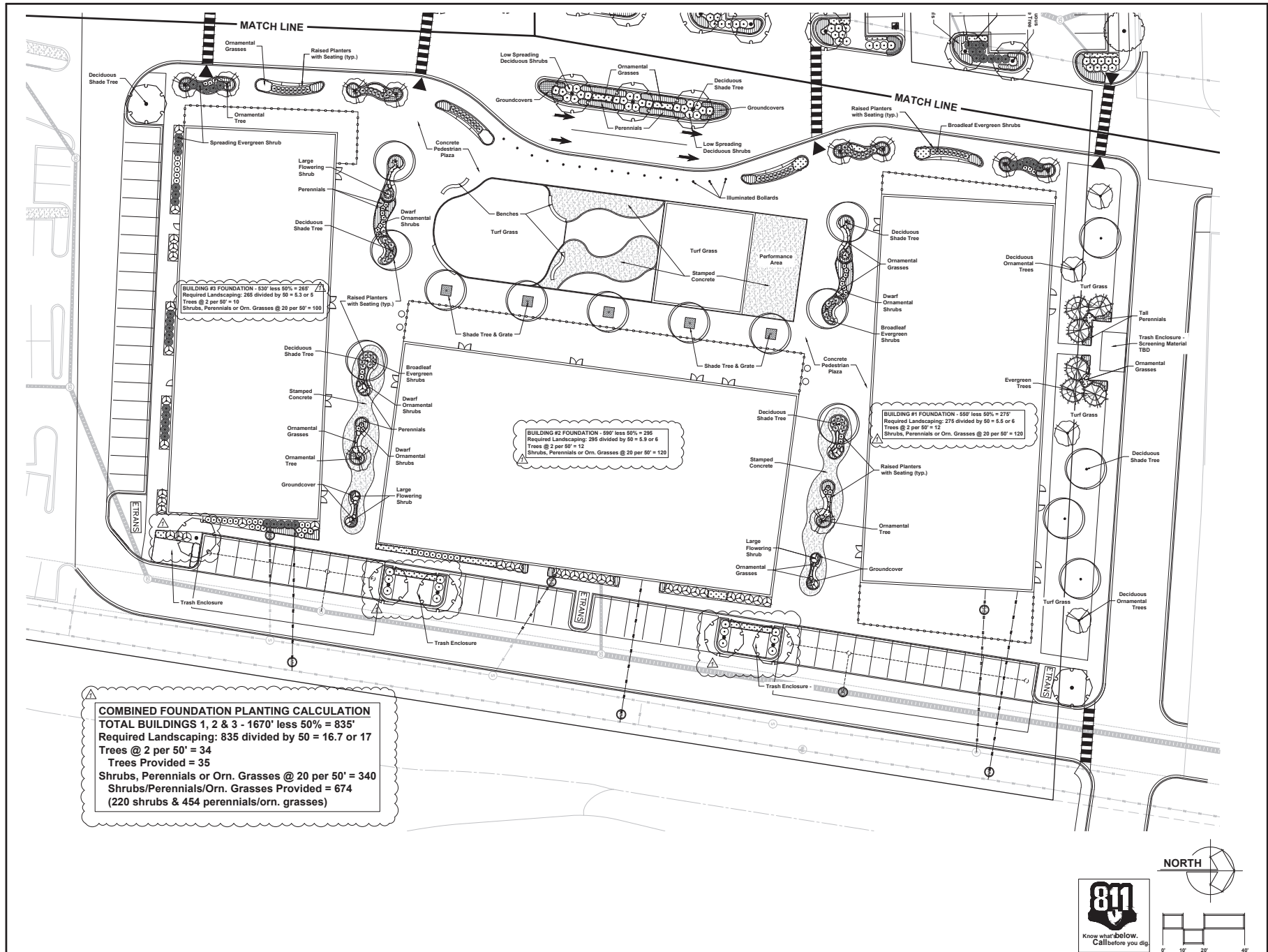
TITLE
**PRELIMINARY
LANDSCAPE
PLAN**

PROJECT NO.:
24-248

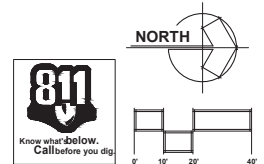
DATE: 1-19-2024
SCALE: 1"=20'

SHEET
L-3.0

© Copyright 2024, all rights reserved. The design and any part of it does not constitute a contract. This design is the sole property of Metz & Company. Any reproduction of this design or the concept embodied herein in any form, in whole or in part, without consent from Metz & Company is prohibited. If this plan is not 24" x 36" in size, there is a reproduction liability not to scale.



COMBINED FOUNDATION PLANTING CALCULATION
 TOTAL BUILDINGS 1, 2 & 3 - 1670' less 50% = 835'
 Required Landscaping: 835 divided by 50 = 16.7 or 17
 Trees @ 2 per 50' = 34
 Trees Provided = 35
 Shrubs, Perennials or Orn. Grasses @ 20 per 50' = 340
 Shrubs/Perennials/Orn. Grasses Provided = 674
 (220 shrubs & 454 perennials/orn. grasses)

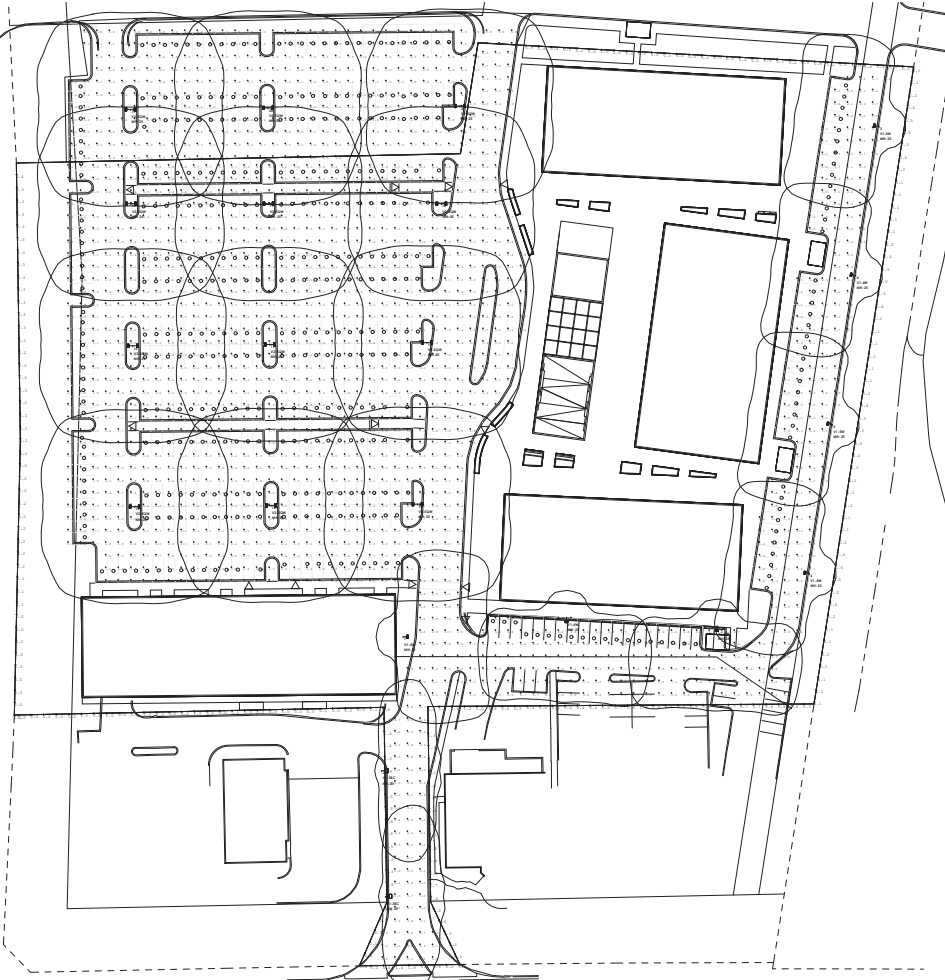


Luminaire Schedule - Part numbers are provided by the manufacturer and are only intended to be used as a reference to outfit and optics used.

Symbol	Qty	Tag	Arrangement	Luminaire Lumens	Arr. Lum. Lumens	Luminaire Watts	Arr. Watts	LLF	Manufacturer	Description
	2	V1-3BC	Single	15065	15065	172	172	0.900	BEACON	VP-1-160L-160-4K7-3-BC
	7	V1-4W	Single	18495	18495	158	158	0.900	BEACON	VP-1-160L-160-4K7-4W
	12	V2-SQW	Back-Back	19033	38066	158	316	0.900	BEACON PRODUCTS	VP-1-160L-160-4K7-SQW

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Max/Min	Avg/Min	Description
EV PARKING LOT_Planar	illuminance	Fc	2.34	7.0	0.6	11.67	3.90	READINGS TAKEN @ GRADE
PARKING AND DRIVES_Planar	illuminance	Fc	2.28	6.8	0.5	13.60	4.56	READINGS TAKEN @ GRADE
PROPERTY LINE	illuminance	Fc	3.46	2.6	0.0	N.A.	N.A.	READINGS TAKEN @ GRADE



Luminaire Location Summary

LumNo	Label	Mtg Ht	Orient	Tilt
1	VP-1-160L-160-4K7-3-BC	25	0	0
2	VP-1-160L-160-4K7-3-BC	25	0	0
3	VP-1-160L-160-4K7-4W	25	171	0
4	VP-1-160L-160-4K7-4W	25	171	0
5	VP-1-160L-160-4K7-4W	25	171	0
6	VP-1-160L-160-4K7-4W	25	171	0
7	VP-1-160L-160-4K7-4W	25	0	0
8	VP-1-160L-160-4K7-4W	25	267	0
9	VP-1-160L-160-4K7-4W	25	267	0
10	VP-1-160L-160-4K7-SQW_1	25	0	0
11	VP-1-160L-160-4K7-SQW_1	25	0	0
12	VP-1-160L-160-4K7-SQW_1	25	0	0
13	VP-1-160L-160-4K7-SQW_1	25	0	0
14	VP-1-160L-160-4K7-SQW_1	25	0	0
15	VP-1-160L-160-4K7-SQW_1	25	0	0
16	VP-1-160L-160-4K7-SQW_1	25	0	0
17	VP-1-160L-160-4K7-SQW_1	25	0	0
18	VP-1-160L-160-4K7-SQW_1	25	0	0
19	VP-1-160L-160-4K7-SQW_1	25	0	0
20	VP-1-160L-160-4K7-SQW_1	25	0	0
21	VP-1-160L-160-4K7-SQW_1	25	0	0

PARKING LOT DESIGN GUIDE

APPLICATION AND TASK	MAINTAINED HORIZONTAL AVERAGE [FC]	RANGE [FC]	MAINTAINED VERTICAL AVERAGE [FC]	RANGE [FC]	AVG/MIN	MAX/MIN
PARKING (UNCOVERED) ZONES (URBAN)	1.5	0.75 - 3	0.8	0.4 - 1.6	4:1	15:1
PARKING (UNCOVERED) ZONES (SUBURBAN)	1	0.5 - 2	0.6	0.3 - 1.2	4:1	15:1
SAFETY (BUILDING EXTERIOR)	1	0.5 - 2	-	-	-	FOR SECURITY ISSUES, RAISE AVG. TO 3

NOTES

ICC BALUCHER IS NEITHER LICENSED NOR REQUIRED TO DETERMINE CODE COMPLIANCE. CODE COMPLIANCE REVIEW BY OTHERS.

ANY VARIANCE FROM REFLECTANCE VALUES, OBSTRUCTIONS, LIGHT LOSS FACTORS OR DIMENSIONAL DATA WILL AFFECT THE ACTUAL LIGHT LEVELS OBTAINED.

THIS ANALYSIS IS A MATHEMATICAL MODEL AND CAN BE ONLY AS ACCURATE AS IS PERMITTED BY THE INPUT DATA AND THE STANDARDS USED.

FEATURE TYPES AND QUANTITIES MAY CHANGE BASED ON UNKNOWN OBSTRUCTIONS OR FIELD CONDITIONS. THESE CHANGES MAY RESULT IN AN INCREASED QUANTITY OF FIXTURES.

FEATURE TYPE AND QUANTITIES BASED ON PROVIDED LAYOUT AND DRAWINGS ARE FOR REFERENCE ONLY. TYPES AND QUANTITIES MAY CHANGE WITH FUTURE REVISIONS.

CALCULATION GRID VALUES 10'-0" O.C.

BEACON VIPER Area/Site

DATE: 11/14/18 LOCATION: FOX HAVEN SQUARE
 TYPE: V144 PROJECT: FOX HAVEN SQUARE
 CATEGORY: VP-1-160L-160-4K7-SQW-1 158W 3000K

FEATURES

- Low profile LED area luminaire with a variety of LED distributions for lighting applications such as wide distribution, task, accent, and ambient lighting.
- Featuring two different optical technologies, Spot and Micro-Strike Optics, which provide the best distribution pattern for either or even combination.
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for ISO.
- Control systems including photo controls, occupancy sensors, NK Lighting Control, LightSight and 70-watt non-dimmable ballast.
- New sustainable luminaire output fixture allows for the retrofit and luminaire output to be maintained in the factory to meet installation requirements. May reduce.
- Panel interchangeable mounting provides additional flexibility after the fixture has shipped.

CONTROL TECHNOLOGY

SERVICE PROGRAMS

SPECIFICATIONS

REQUIREMENTS

INSTALLATION

WARRANTY

Current

BEACON SSS-B Series Poles

DATE: 11/14/18 LOCATION: FOX HAVEN SQUARE
 TYPE: V144 PROJECT: FOX HAVEN SQUARE
 CATEGORY: SSS-B Series Pole

APPLICATIONS

- Lighting applications for site and top mounting of luminaires with effective projected area (EPA) not exceeding 1000 sq ft.
- Always loading of the specified pole is installed programmatic location.

CONSTRUCTION

- 2" Dia. 304 stainless steel with square cross section. Is sizes and minimum 0.237" radius on all corners. Minimum ring of 0.015" (0.381mm) thickness. Includes 1/2" dia. 304 stainless steel nuts to secure flange with 3/16" dia. steel plate with 1/4" dia. 304 stainless steel bolts. (See drawing for details.)
- SSS-B Pole is pre-painted powder coated steel. (See drawing for details.)
- POLE CAP: Pole cap is made of 304 stainless steel with 1/4" dia. 304 stainless steel nuts and washers. Torque and post configuration also available.
- SSS-B Pole is made of 304 stainless steel with 1/4" dia. 304 stainless steel nuts and washers. Torque and post configuration also available.
- SSS-B Pole is made of 304 stainless steel with 1/4" dia. 304 stainless steel nuts and washers. Torque and post configuration also available.

FINISH

- Standard finish: powder coated steel with 1/4" dia. 304 stainless steel nuts and washers.
- Optional finishes: custom color, custom color available. RAL number available.

WARRANTY/STOCKY POLES:

- SSS-B Pole is made of 304 stainless steel with 1/4" dia. 304 stainless steel nuts and washers.
- SSS-B Pole is made of 304 stainless steel with 1/4" dia. 304 stainless steel nuts and washers.

ORDERING INFORMATION

ORDERING EXAMPLE: SSS-B-25-40-ABC-2L-E3-011

ACCESSORIES - Order Separately

Current

FOX HAVEN SQUARE - SITE
 PHOTOMETRIC PLAN
 N. KIRK RD.
 ST. CHARLES, ILLINOIS 60174

SITE PHOTOMETRIC PLAN

DATE: 11/14/18
 DRAWN BY: [Name]
 JOB NO.: CH23-0124-00

E010

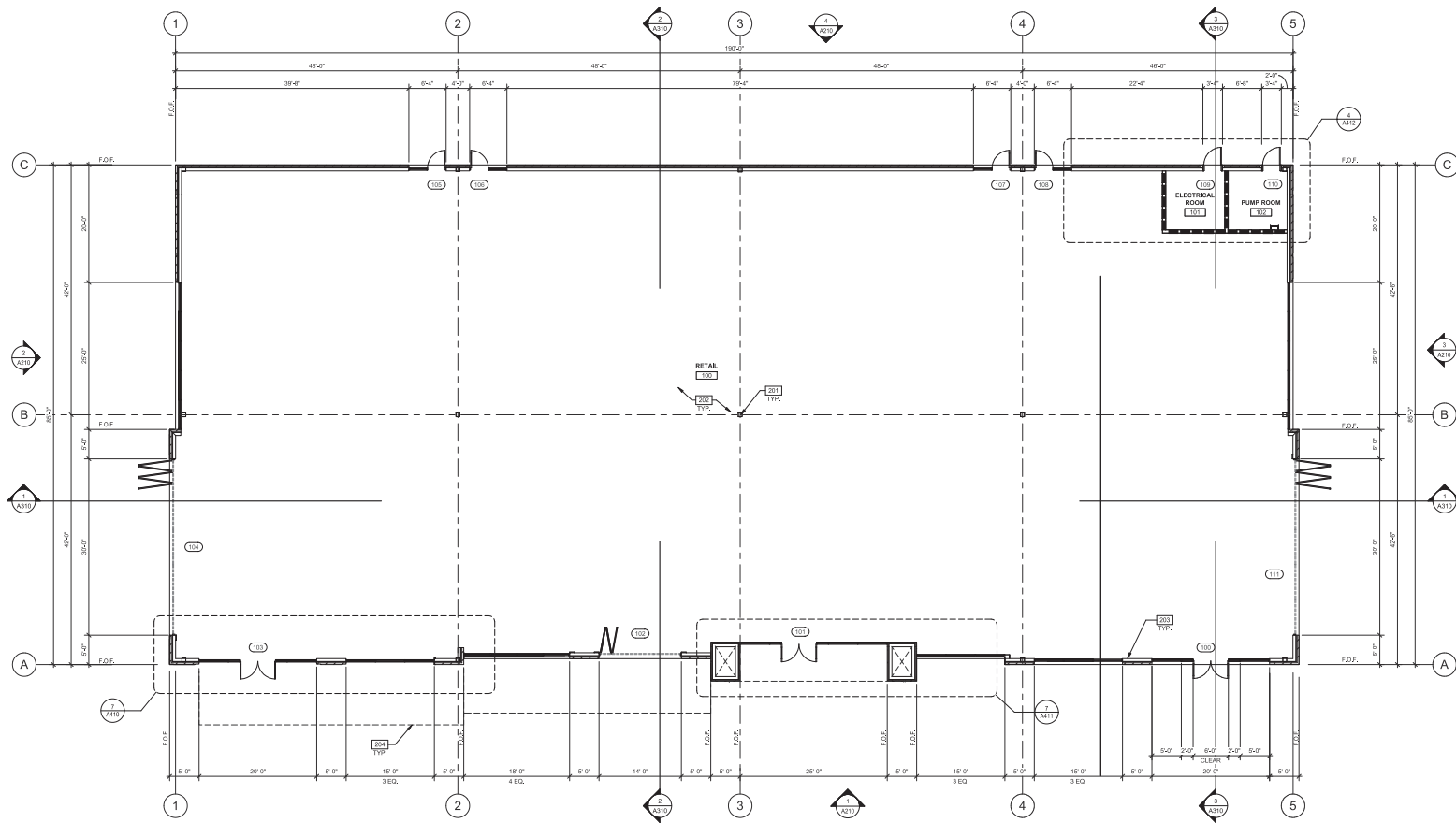


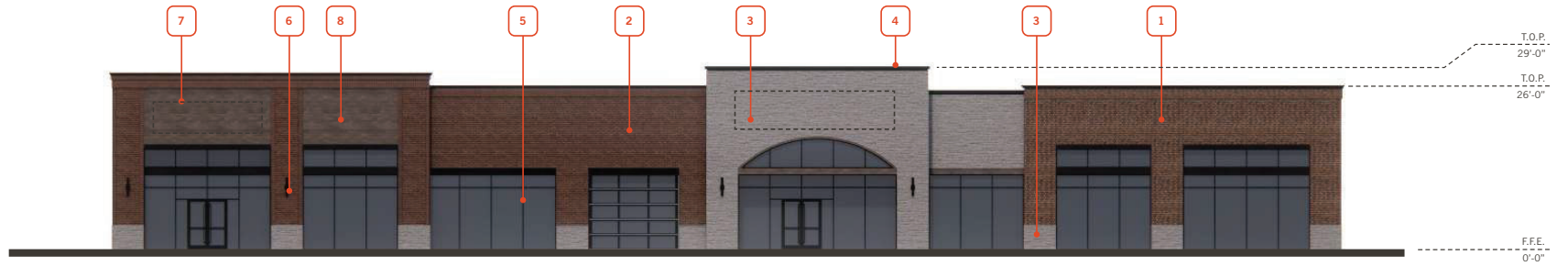
FOX HAVEN SQUARE

ST. CHARLES, ILLINOIS

CHI23-0124-00
APRIL 25, 2024

WARE MALCOMB
STATE OF ILLINOIS DESIGN FIRM REGISTRATION NO. 194-004069

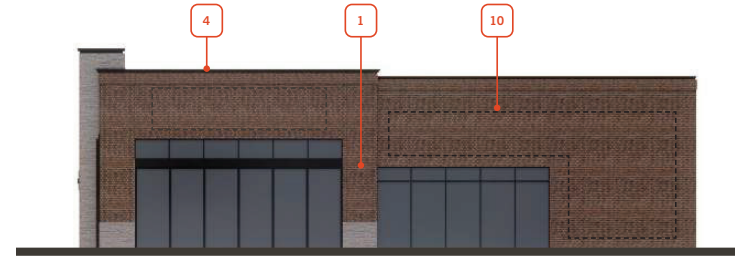




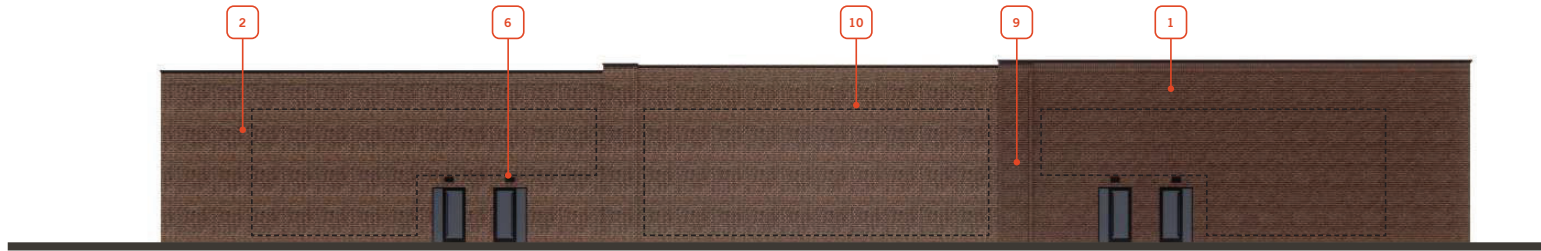
SOUTH



WEST



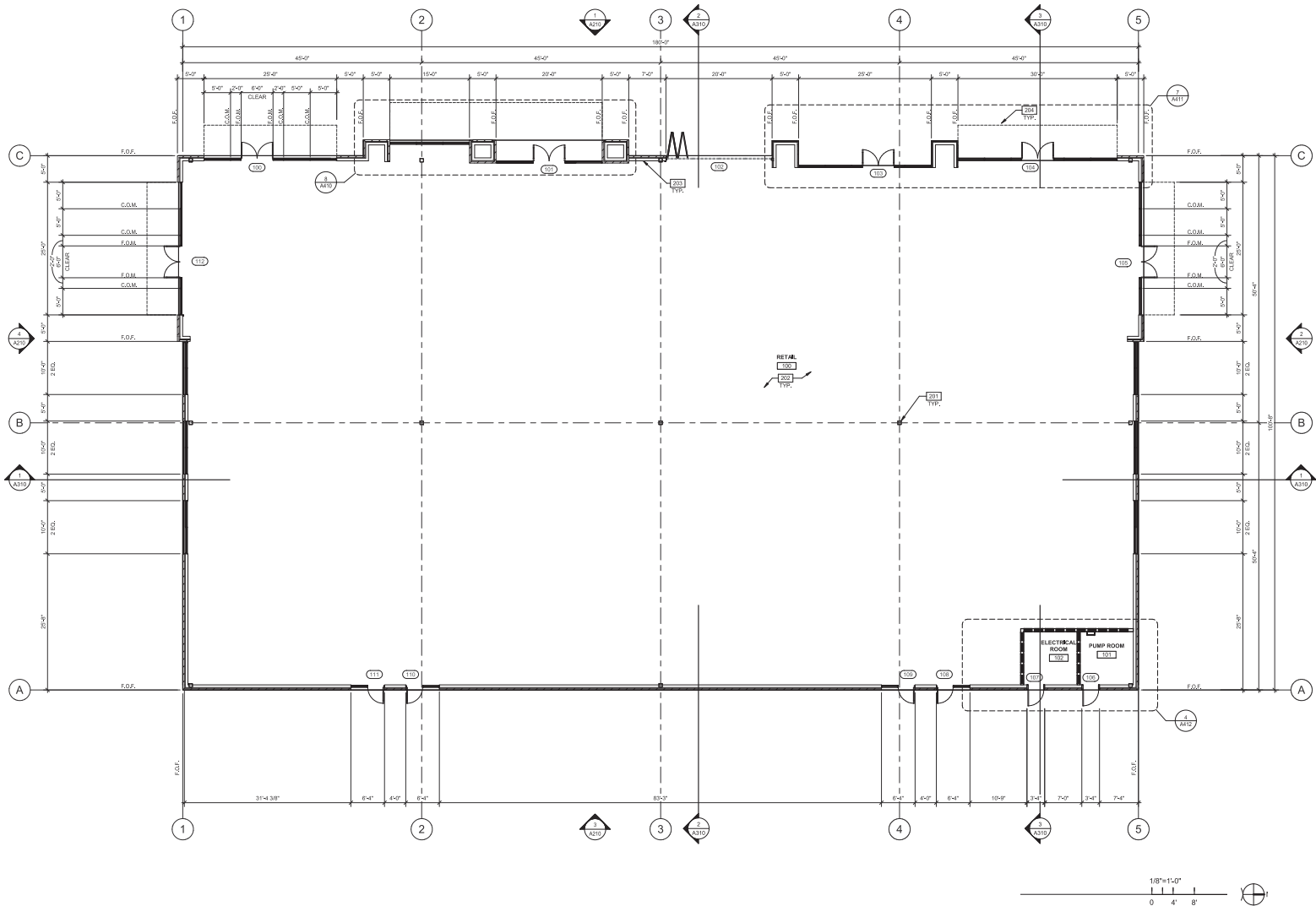
EAST



NORTH

KEYNOTES

- | | | | |
|-------------------------------|--|---|---|
| 1 BRICK - MIDDLE TONE | 4 ALUMINUM PRE-FINISHED COPING
DARK FINISH | 7 POTENTIAL LOCATION FOR SIGNAGE | 10 POTENTIAL LOCATION(S) FOR ART MURAL |
| 2 BRICK - DARK TONE | 5 ALUMINUM STOREFRONT
DARK FINISH | 8 WOOD VENEER ACCENT | |
| 3 STACKED STONE VENEER | 6 EXTERIOR LIGHTING | 9 BRICK EXPRESSION | |





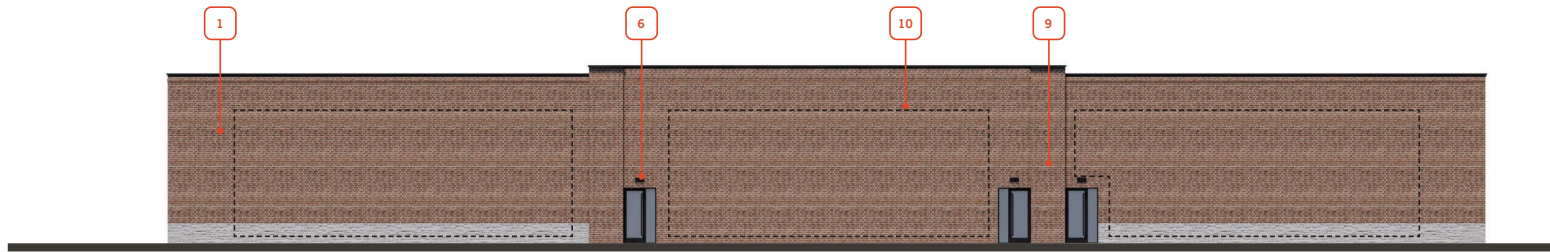
WEST



NORTH



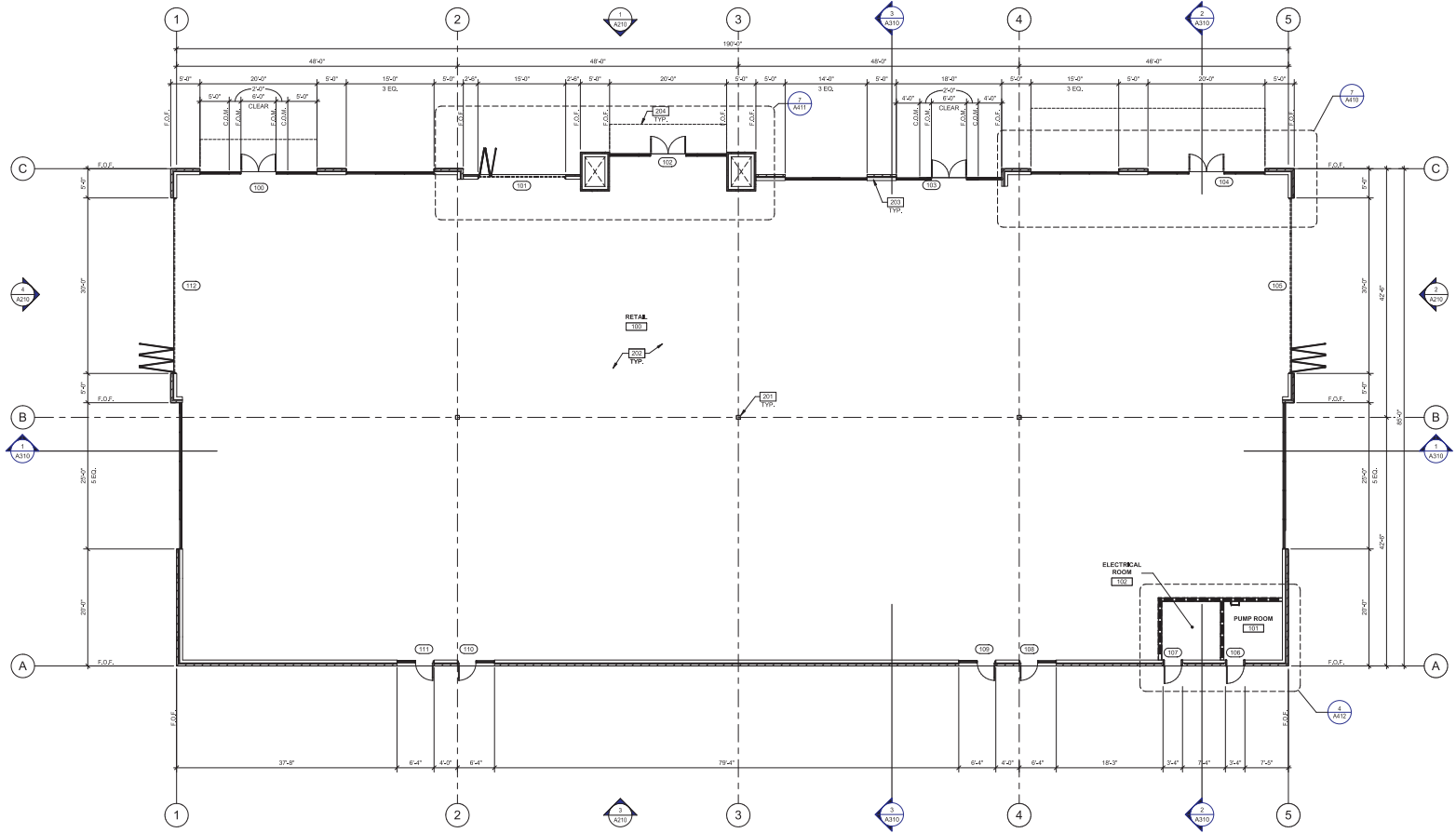
SOUTH

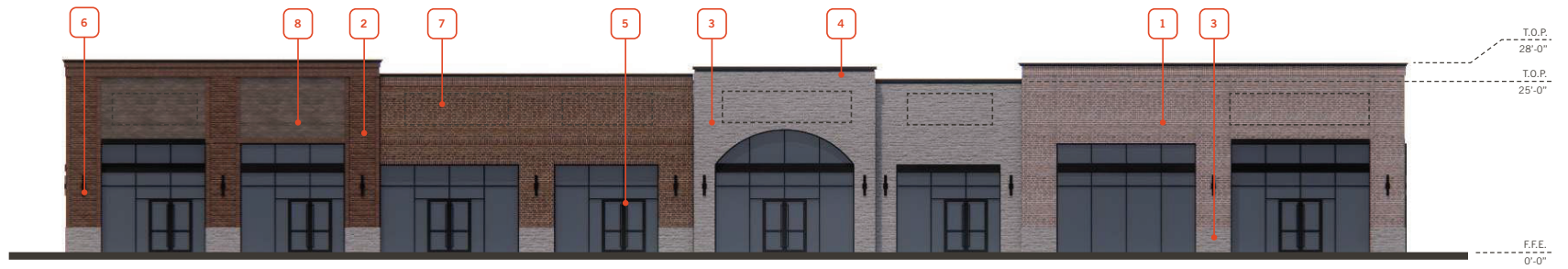


EAST

KEYNOTES

- | | | | |
|-------------------------------|--|---|---|
| 1 BRICK - MIDDLE TONE | 4 ALUMINUM PRE-FINISHED COPING
DARK FINISH | 7 POTENTIAL LOCATION FOR SIGNAGE | 10 POTENTIAL LOCATION(S) FOR ART MURAL |
| 2 BRICK - DARK TONE | 5 ALUMINUM STOREFRONT
DARK FINISH | 8 WOOD VENEER ACCENT | |
| 3 STACKED STONE VENEER | 6 EXTERIOR LIGHTING | 9 BRICK EXPRESSION | |





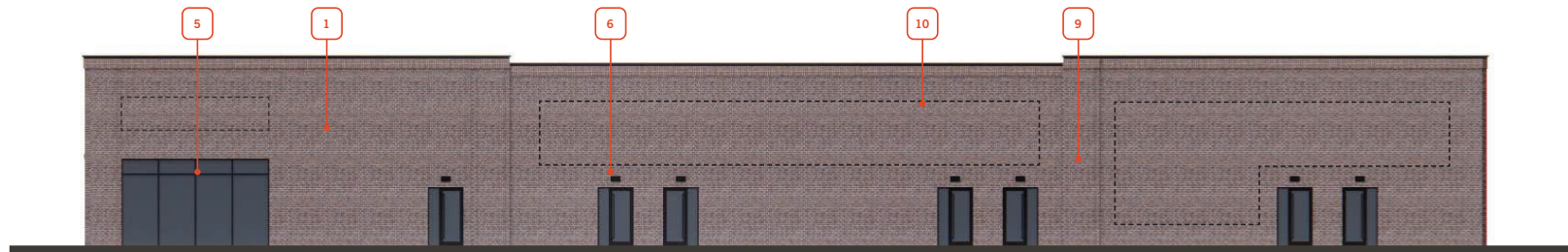
NORTH



EAST



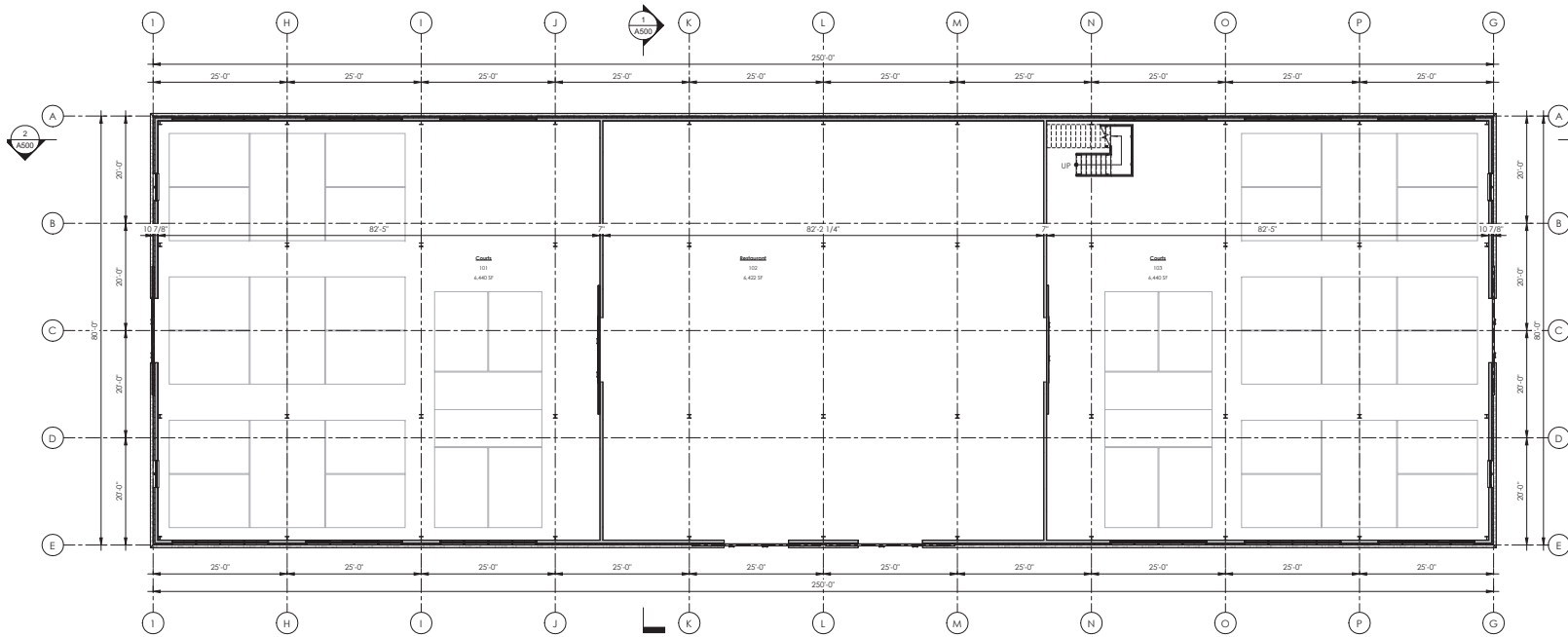
WEST



SOUTH

KEYNOTES

- | | | | |
|-------------------------------|--|---|---|
| 1 BRICK - MIDDLE TONE | 4 ALUMINUM PRE-FINISHED COPING
DARK FINISH | 7 POTENTIAL LOCATION FOR SIGNAGE | 10 POTENTIAL LOCATION(S) FOR ART MURAL |
| 2 BRICK - DARK TONE | 5 ALUMINUM STOREFRONT
DARK FINISH | 8 WOOD VENEER ACCENT | |
| 3 STACKED STONE VENEER | 6 EXTERIOR LIGHTING | 9 BRICK EXPRESSION | |





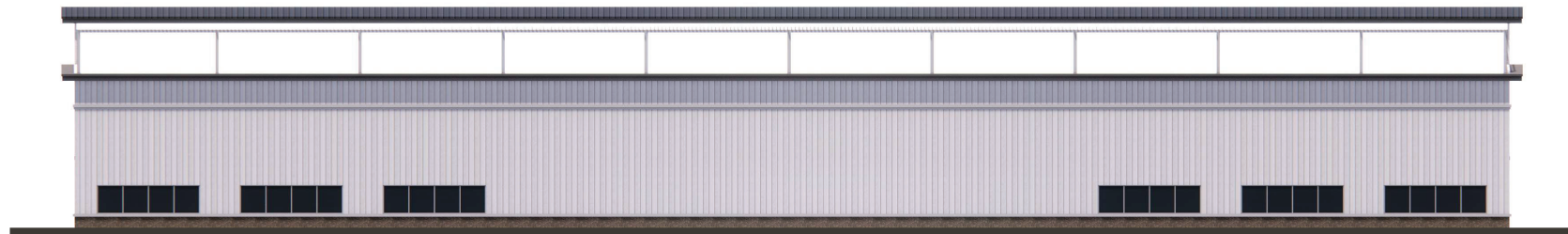
NORTH



EAST



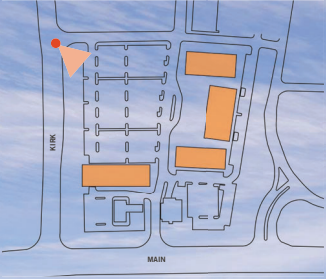
WEST

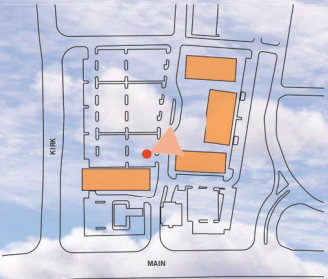


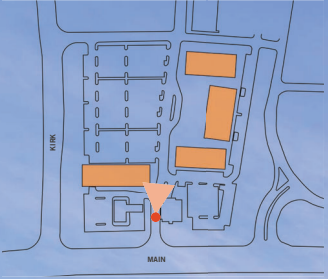
SOUTH

KEYNOTES

- 1 ALUMINUM STOREFRONT
WHITE MULLIONS
- 2 PREFINISHED METAL PANEL
LIGHT/WHITE
- 3 STACKED STONE VENEER









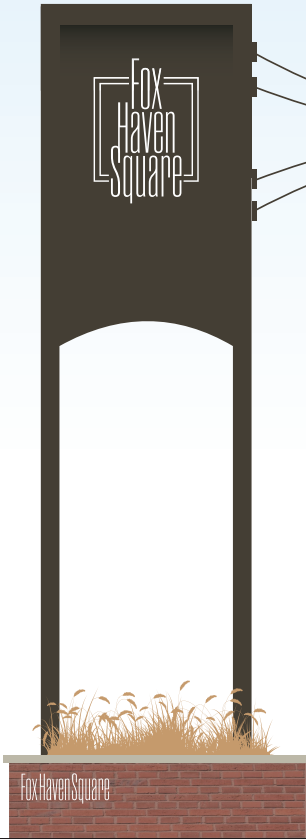




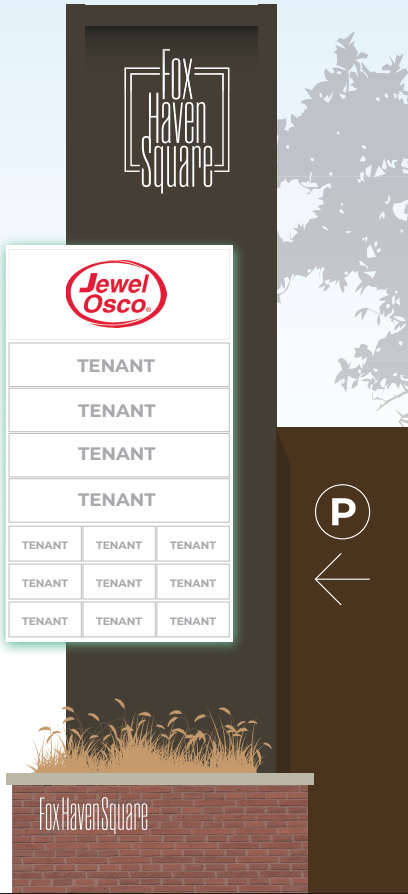




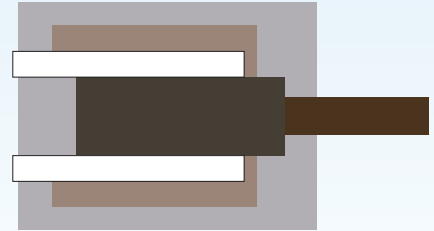




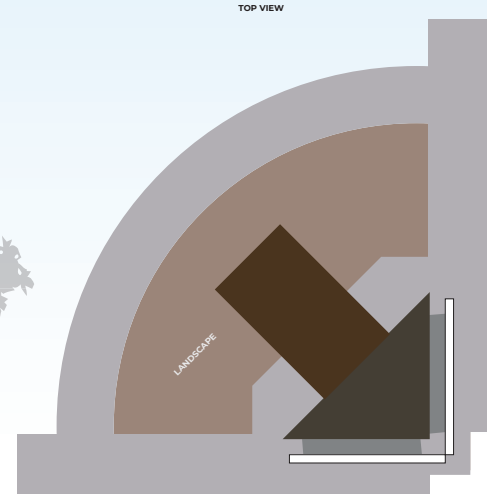
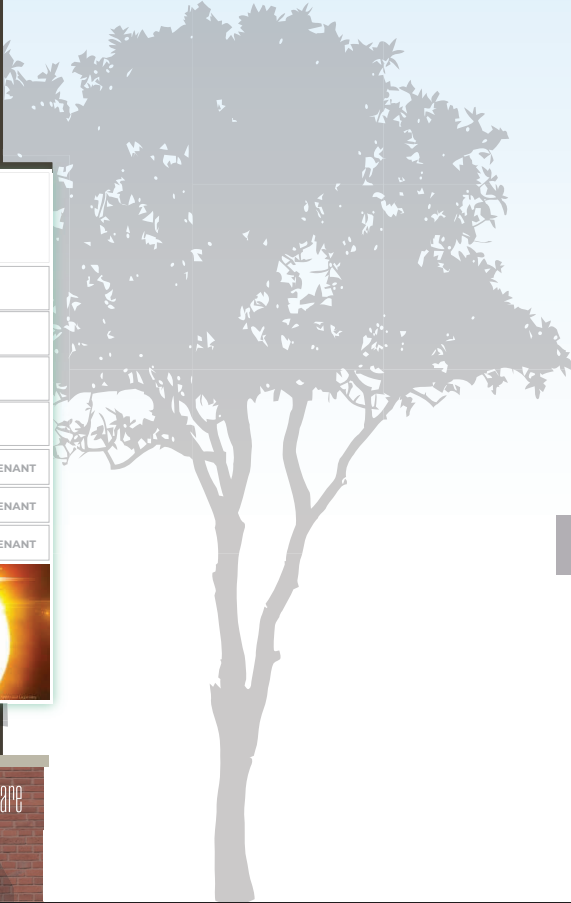
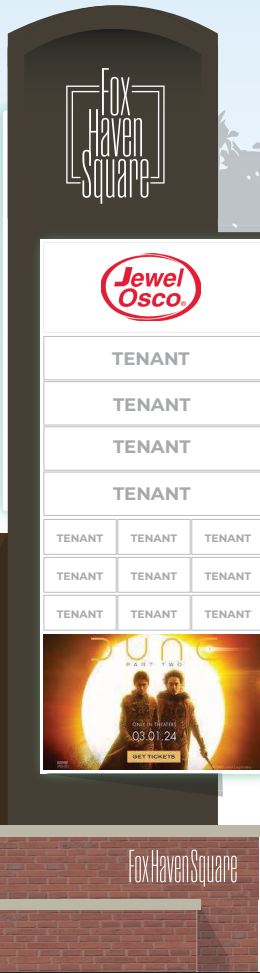
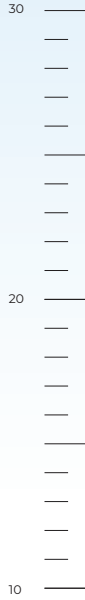
Fox Haven Square

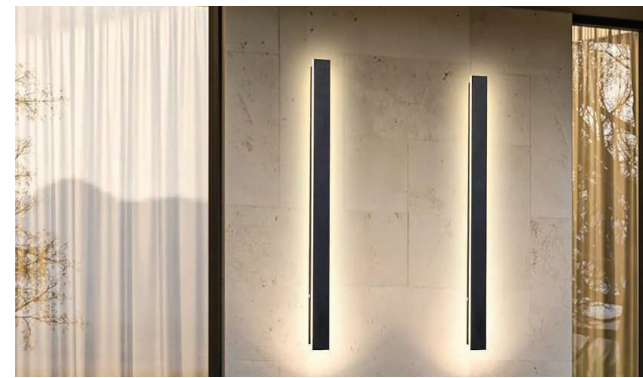


TOP VIEW

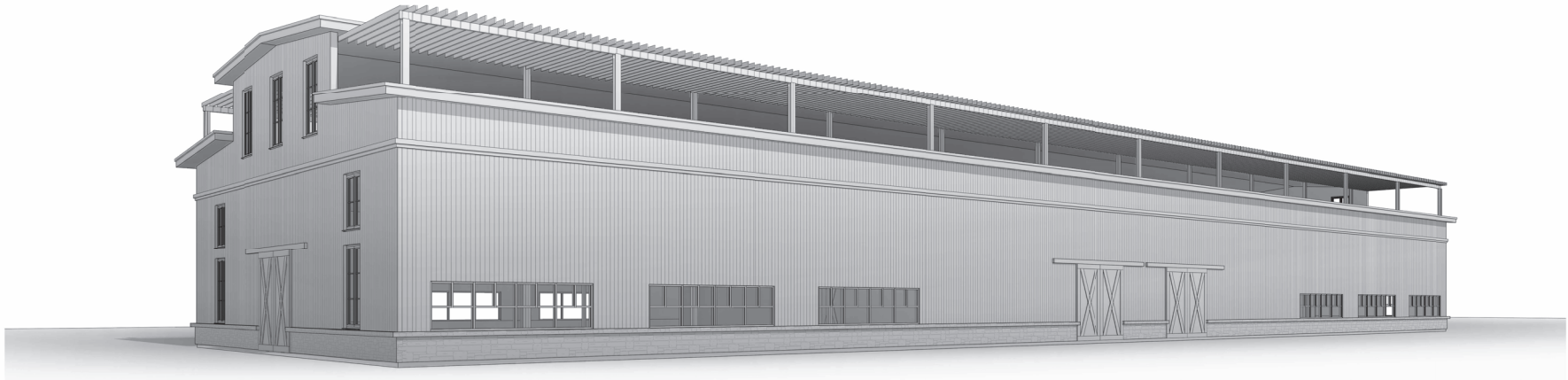


Fox Haven Square

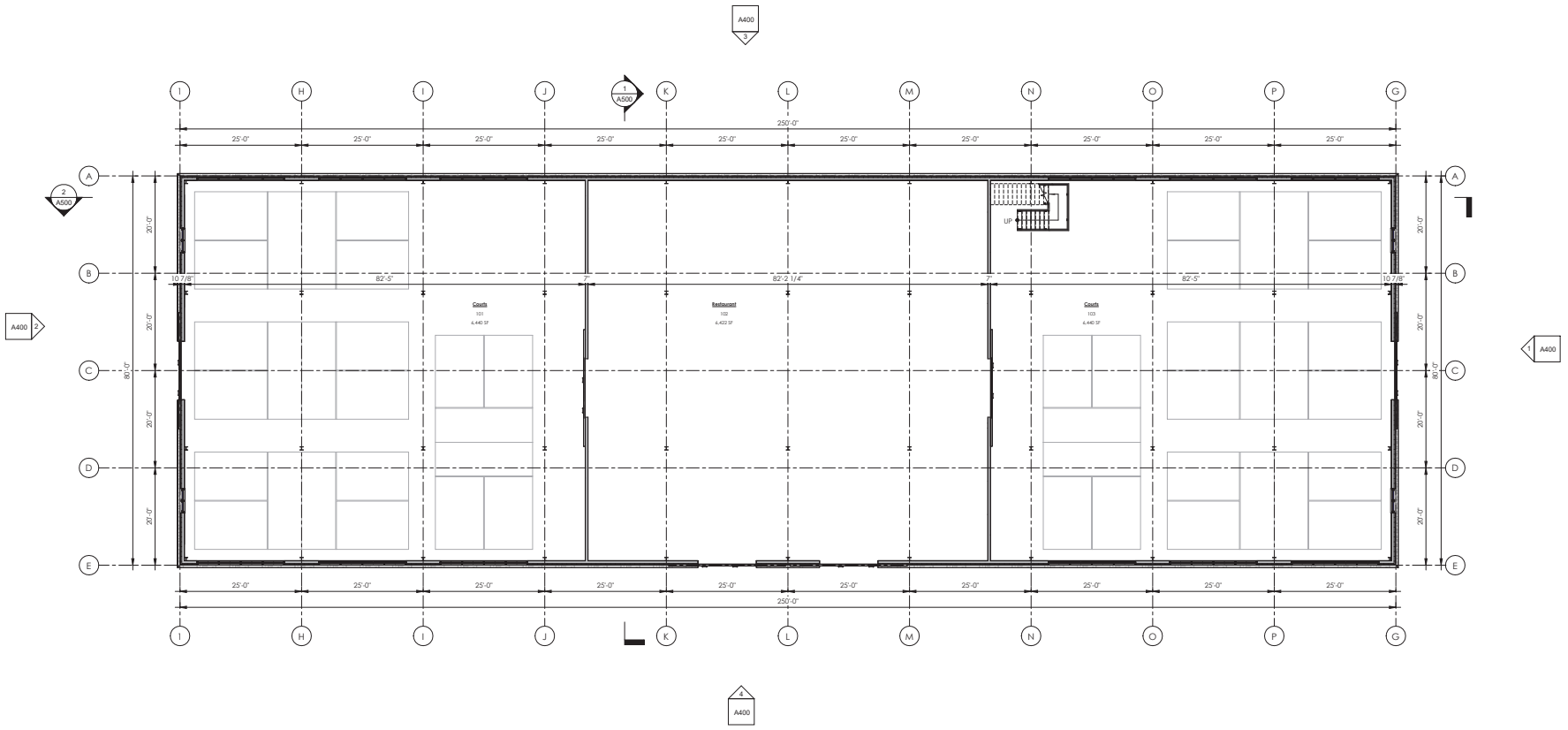




Montauk pickleball

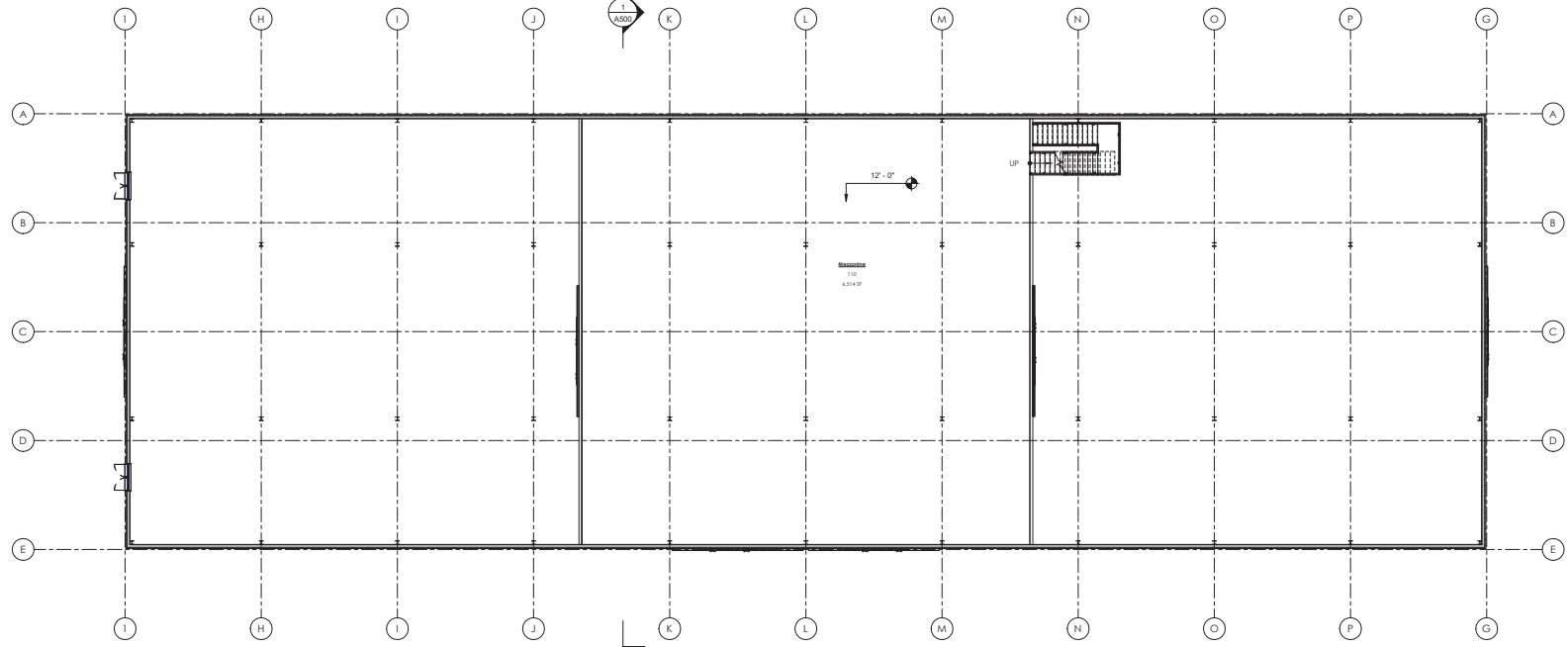


A100	Cover Sheet
A101	General Notes
A210	1ST Floor Plan
A220	Mezzanine Floor Plan
A300	2nd Floor Plan
A310	Roof Plan
A400	Elevations
A500	Sections 1
A600	Details & Schedules
A601	Details & Schedules
A602	Details & Schedules
A603	Details & Schedules
A800	Isometric Views
A900	Perspective views



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

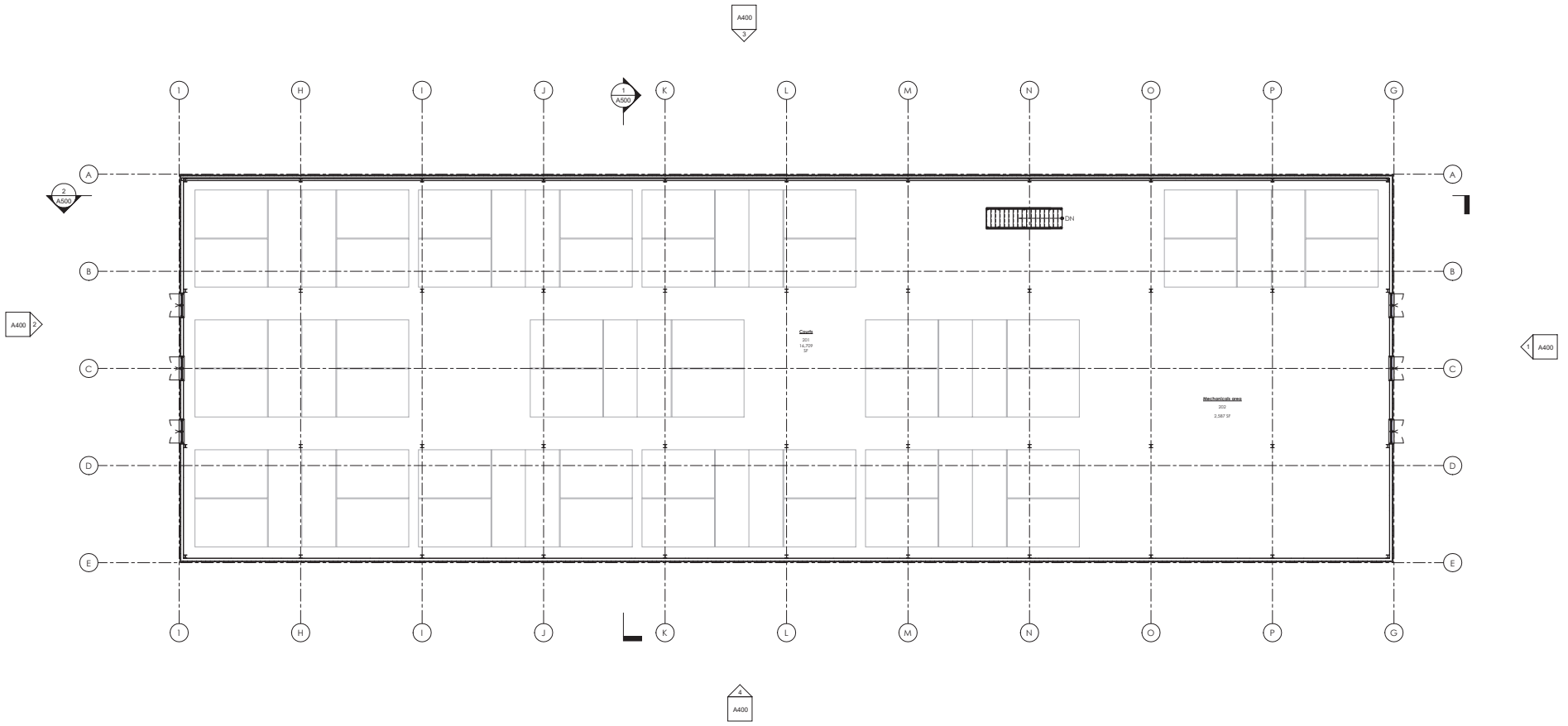
Room Schedule 1st Floor		
Number	Name	Area
1ST Floor Plan		
101	Courts	6,440 SF
102	Restaurant	6,422 SF
103	Courts	6,440 SF
		19,302 SF
MEZZANINE FLOOR		
110	Mezzanine	6,514 SF
		6,514 SF
2ND FLOOR LEVEL		
201	Courts	16,709 SF
202	Mechanicals area	2,567 SF
		19,296 SF
		45,112 SF



① MEZZANINE FLOOR
3/32" = 1'-0"

Rev	Description	Date

1 2ND FLOOR LEVEL
1" = 10'-0"



2nd Floor Plan

DATE

SCALE

PROJECT

DESCRIPTION

DATE

SCALE

PROJECT

DESCRIPTION

DATE

SCALE

PROJECT

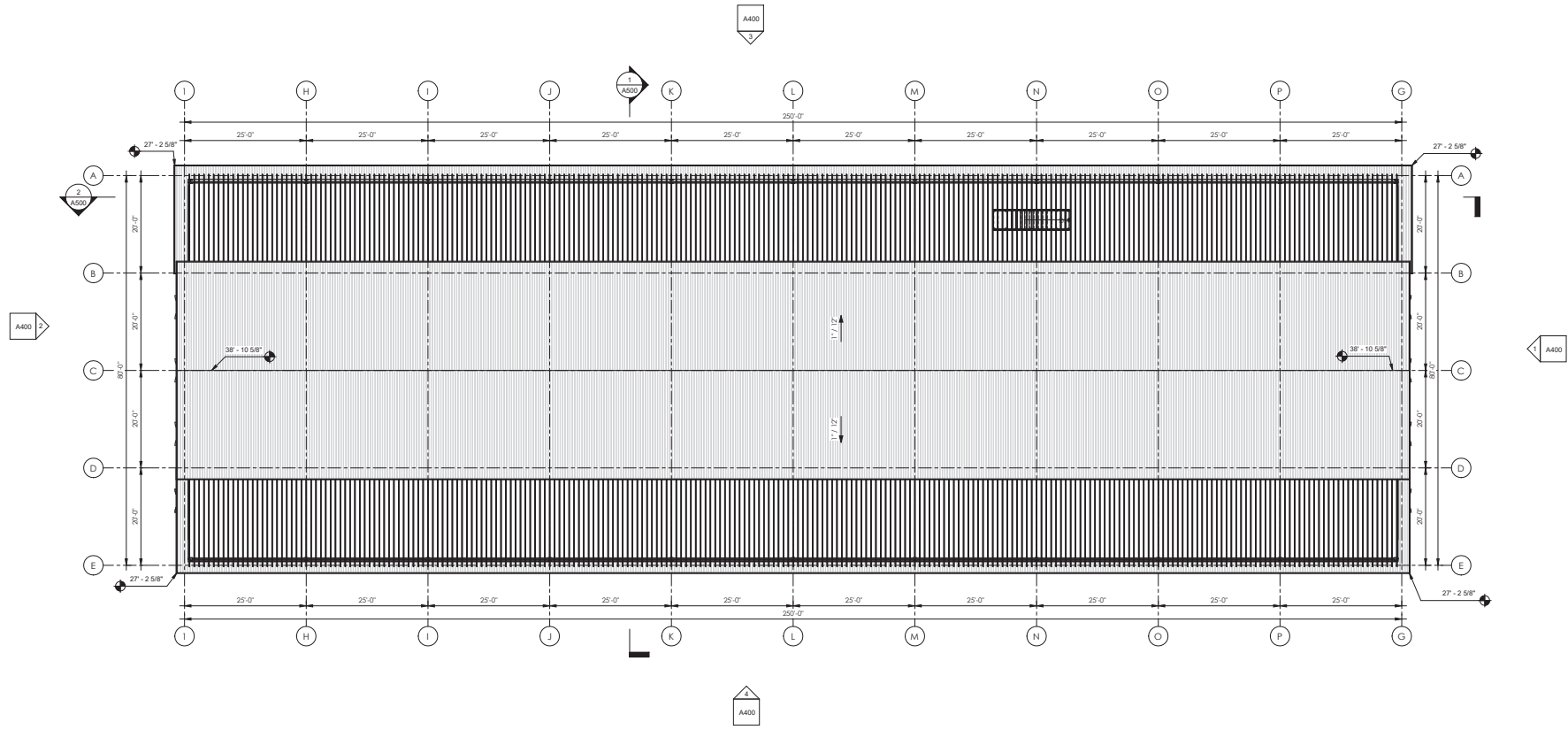
DESCRIPTION

Owner
Mentana, pckeball
Project Number
Project Status

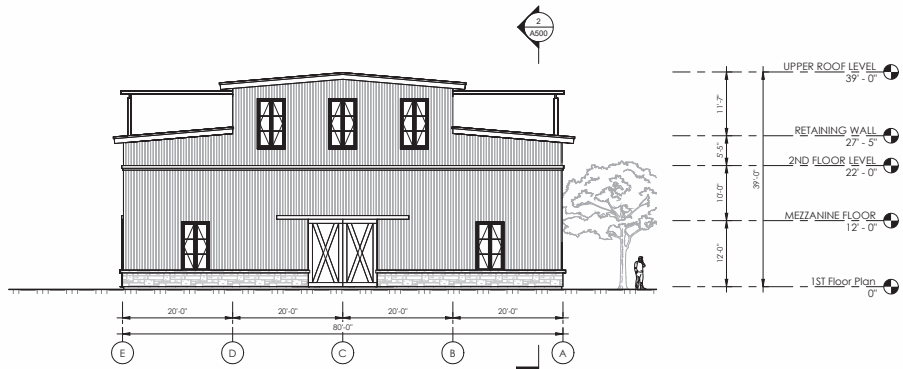
APPROVAL SET - NOT FOR CONSTRUCTION

ECO STEEL
25000 Rockwood Blvd, Suite 100
Laguna Niguel, CA 92653
Tel: 949.337.8664

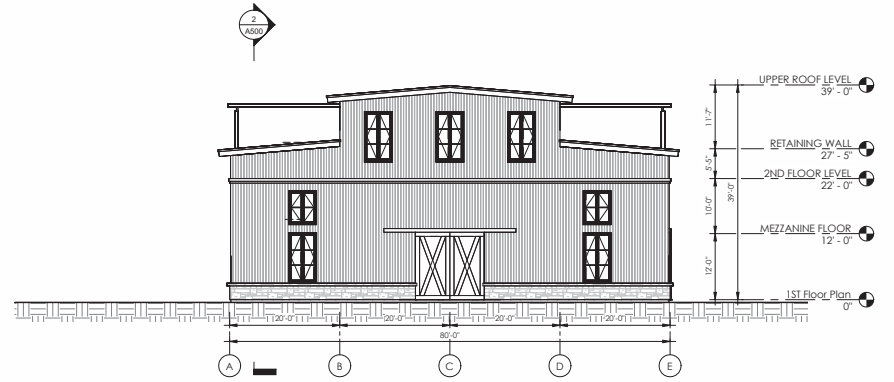
① UPPER ROOF LEVEL
 $3/32" = 1'-0"$



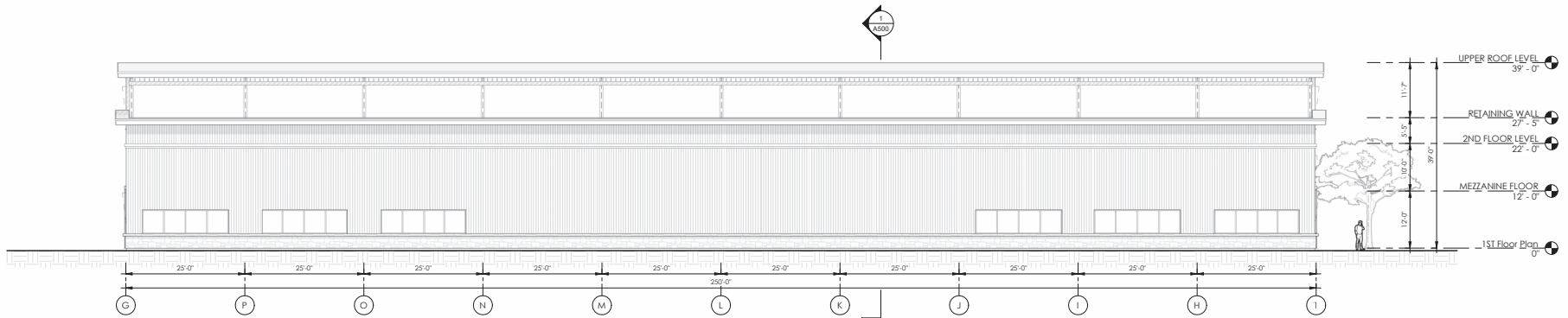
Rev	Date	Description



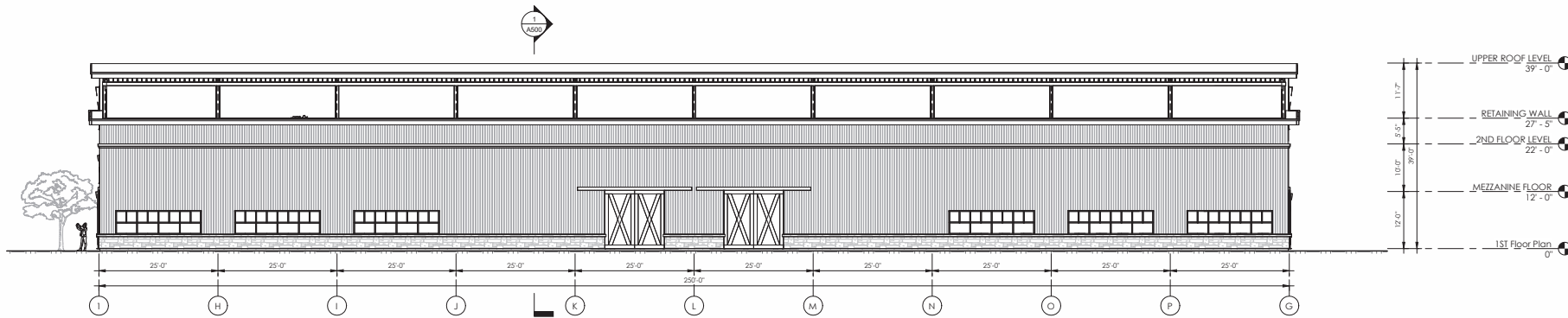
1 EAST ELEVATION
3/32" = 1'-0"



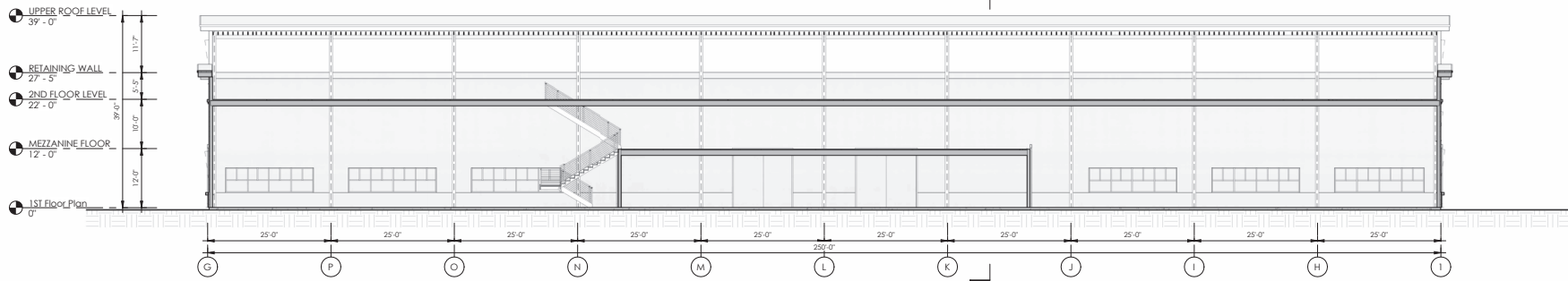
2 WEST ELEVATION
3/32" = 1'-0"



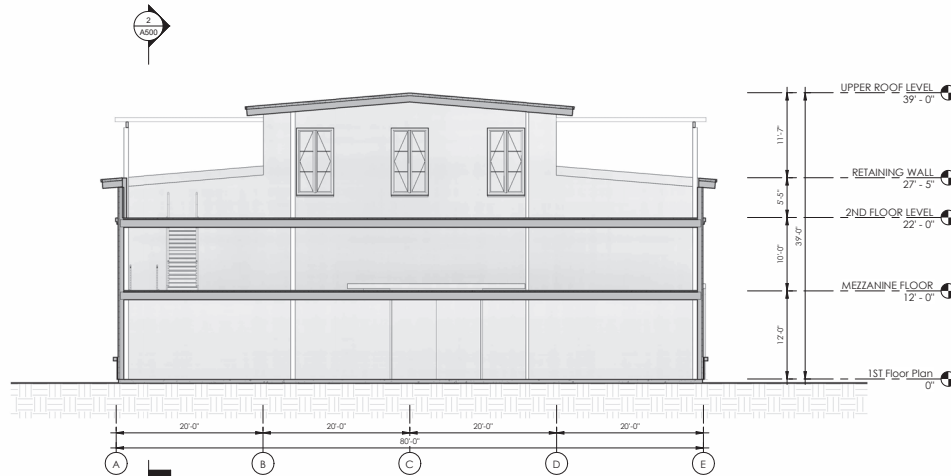
3 NORTH ELEVATION
3/32" = 1'-0"



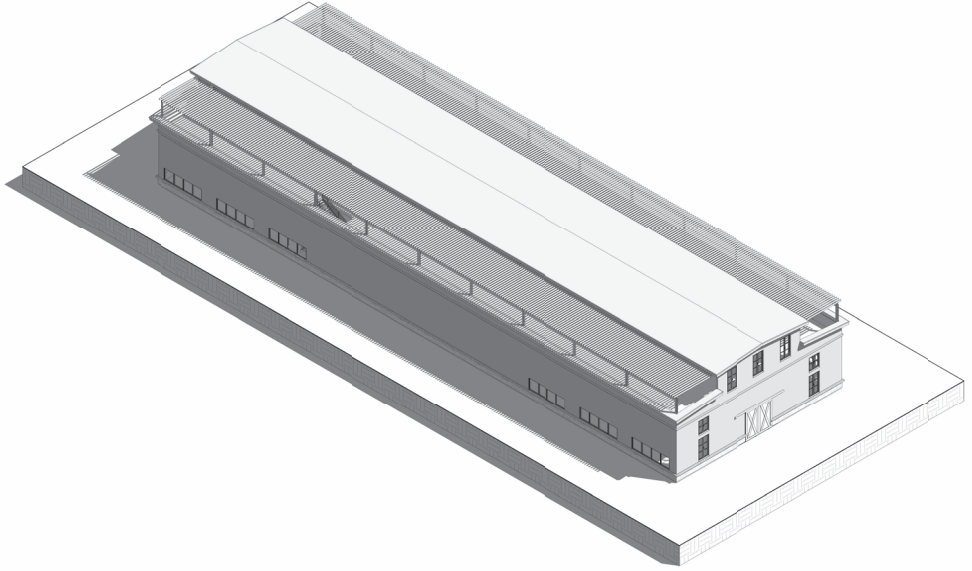
4 SOUTH ELEVATION
3/32" = 1'-0"



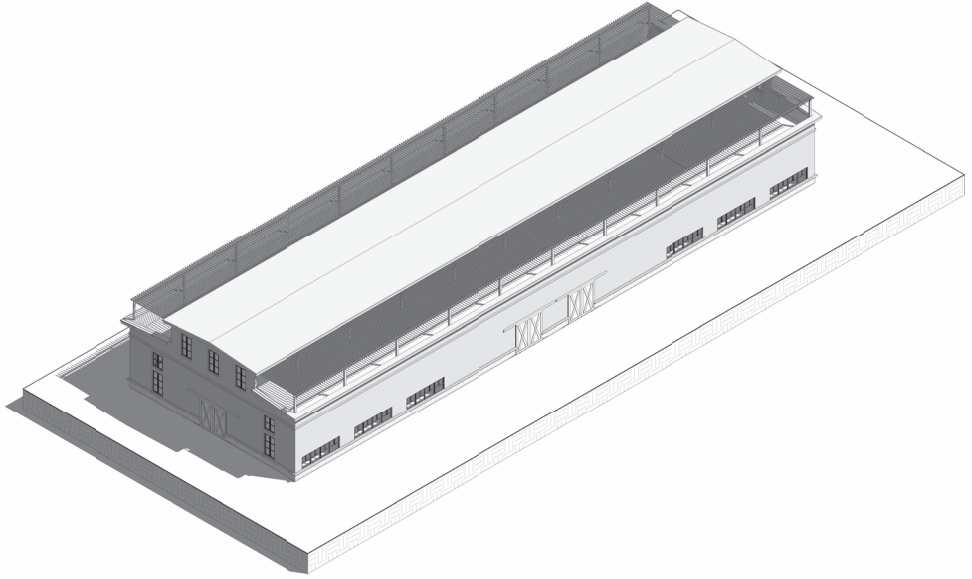
② Section I
3/32" = 1'-0"



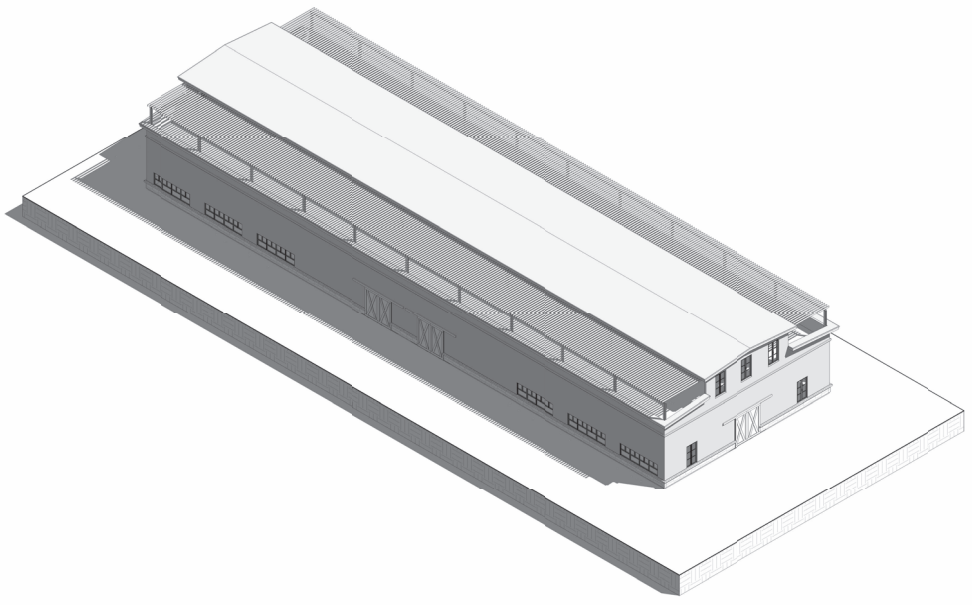
① Section A
1/8" = 1'-0"



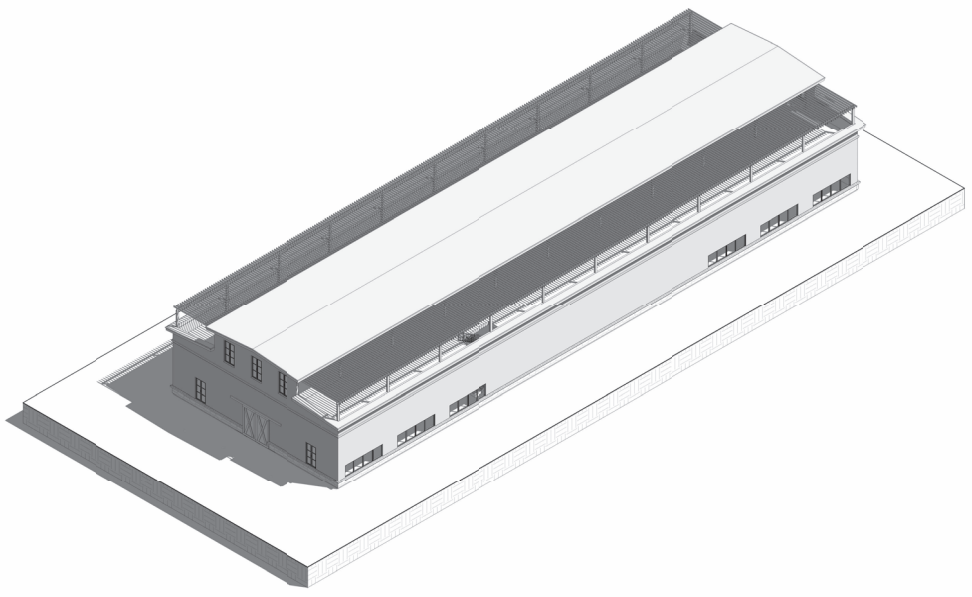
① Isometric 1



② Isometric 2

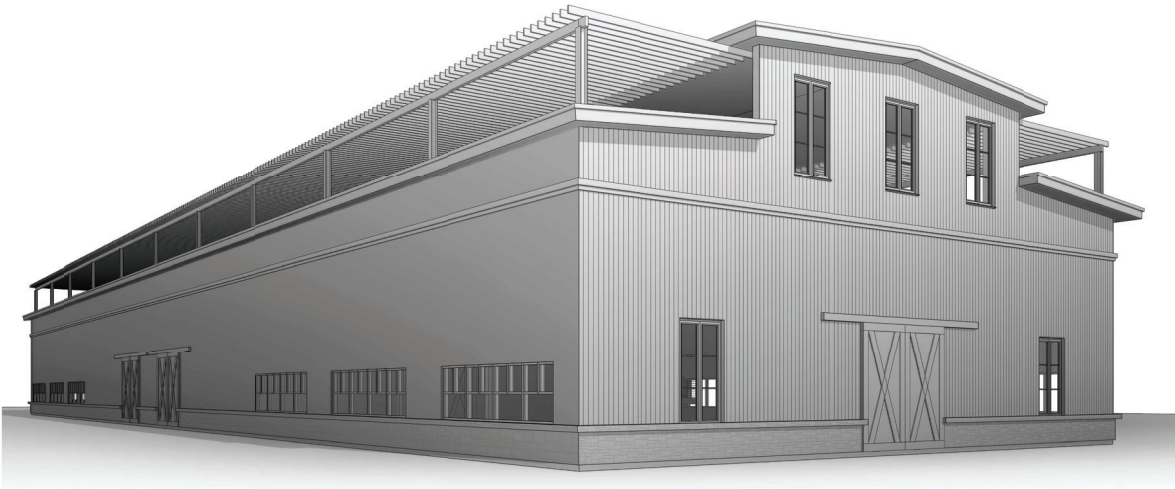
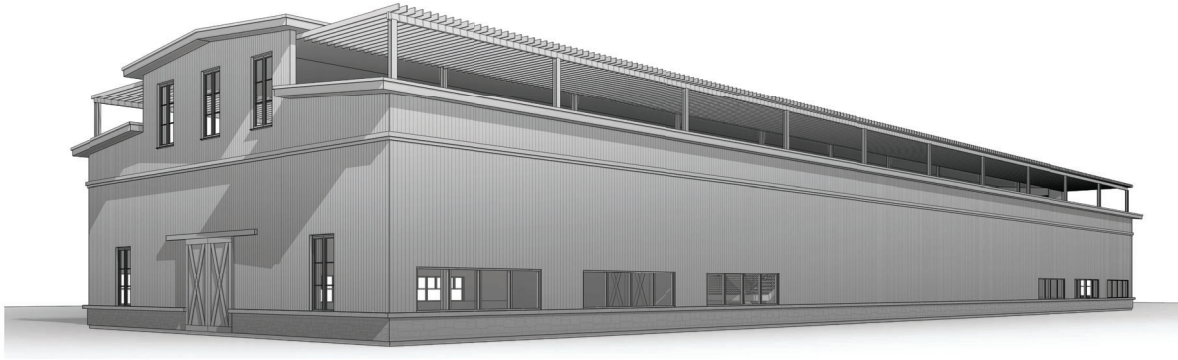
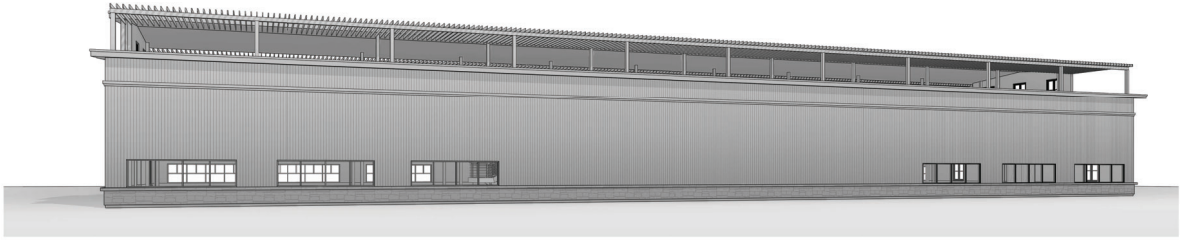


③ Isometric 3



④ Isometric 4

Rev	Description	Date



Date: 05/17/2020
 Scale: A500
 Project Number:

Perspective views	
View	Scale

Owner: Montauk pickleball
 Project Number:
 Project Status: