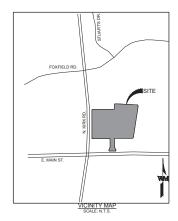
# PRELIMINARY ENGINEERING PLANS FOX HAVEN SQUARE

502 N. KIRK RD. ST. CHARLES, IL 60174



ABBREVIATIONS

MANHOLE NATURAL GROUND

EVIATIONS

AGGREGATE BASE
ASPHALT CONCRETE
BACK FLOW VALVE

GENTERLINE
CLEANOUT
DEEPPRED FOOTING
DUCTLE BOOK POPE
BLOCK FLOW OF THE ASSEMBLY
EAST-BACK
FROM THE ASSEMBLY
E OC
PB
PC
PB
PC
PLP
(RAD)
RC
RC
RCP
RCW
SD/STRM
STA
SS/SAN
TG
SS/SAN
TG
TC
TOP
TOV
TYP
VIF
WM
WSEL
WV PULL BOX PORTLAND CEMENT CONCRETE PROPERTY LINE POLYVINYL CHLORIDE PIPE RADIUS POLYVINY\_CHLORIDE PIPE
RADIUS
RADIUS
REINFORCED CONCRETE PIPE
W RICHT OF WAY
1 STORM DRAIN
1 STORM
1 STORM FINISHED GRADE FIRE HYDRANT FINISH FLOOR ELEVATION FINISHED GRADE FINISH GRADE AT WALL FINISH GRADE AT WALL
FLOW LINE
FINISHED SURFACE
GRADE BREAK
GRADE AT BOTTOM OF WALL
GRADE AT BOTTOM OF WALL
GRADE AT TOP OF WALL
GAS WETER
GAS WALVE
HIGH POINT
LOW FOINT
INVERT
LINEAR FEET
MATCH EXISTING
MANHOLE

SHEET INDEX

Sheet Description
C1.0-COVER SHEET
C1.1-GENERAL NOTES
C2.0-EXISTING CONDITIONS & DEMOLITION
C3.0-PRELIMINARY SITE PLAN
C4.0-PRELIMINARY STREPLAN
C4.0-PRELIMINARY EROSION CONTROL
C8.0-PRELIMINARY EROSION CONTROL
C7.0-PRELIMINARY UTILITY PLAN SHEET NUMBER

AGENCY CONTACT LIST

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## PROJECT BENCHMARK

TBM #1 TBM #2 NORTHING: 1914551.22' NORTHING: 1914454.48' EASTING: 1000550.93' ELEVATION: 782.95' CF: 0.99994308 EASTING: 1000115.86' ELEVATION: 782.82' CF: 0.99994308

VALUES SHOWN HEREON ARE FROM NGS OPUS SOLUTION REPORTS GENERATED FROM STATIC GPS OBSERVATIONS, PREFORMED ON BOTH TEMPORARY BENCHMARKS. DATE OF OBSERVATION: 10/24/2023

HORIZONTAL DATUM: SPC83 (1201 II F) VERTICAL DATUM: NAVD88 (GEOID18)

# BASIS OF BEARINGS

BEARINGS SHOWN HEREON ARE BASED ON STATE PLANE COORDINATES (1201 IL E), AS DETAILED IN NGS OPUS SOLUTION REPORTS FOR TBM #1 & TBM #2.

LEGAL DESCRIPTION
THE FOLLOWING LOT LOCATED IN ST. CHARLES, KANE COUNTY, ILLINOIS:

# PARCEL 1:

LOT 4 IN STUART'S CROSSING RETAIL BEING A SUBDIVISION OF PART OF THE MORTHWEST X OF SECTION 25, FOUNSHIP 4 NORTH, RANGE 8, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT RECORDED SEPTEMBER 15, 1998 AS DOCUMENT 98K083752, IN KANE COUNTY, ILLINOIS.

PARCEL 2: RIGHT OF PARCEL : CREATES PY AND RIGHTS FOR SENERT OF PARCEL : CREATES BY AND RIGHTS FOR PIECE ON THE CONSTRUCTION, OFFRATOR AND RECOPPOOL BESIDENT AGREEMENT (FIRST) RECORDED SEPTEMBER 11, 1986 AS DOCUMENT 99/002447 FOR THE PARCOS OF 01) PARRONG OF PASSENGE VEHICLES (2) VEHICULAR, AND PRESSTRIAM PASSAGE 0) CONNECTION WATER, TELEPHONE, ELECTRIC LIBES, CONQUITS, TRANSMISSION AND OTHER SMILLAR UTILITY FACILITIES AND (3) TRANSMISSION AND OTHER SMILLAR UTILITY FACILITIES AND (4) DEPARCHMENT OF STORM WATER.

SURVEY INFORMATION
THESE PLANS AND THE ABOVE INFORMATION ARE BASED
ON A PRELIMINARY SURVEY BY AMERICAN SURVEYING &
MAPPING, INC. PROVIDED TO WARE MALCOMB ON
11/02/2023.



WARE MALCOMB assumes no responsibility for utility locations. The utilities shown on this drawing have been plotted from the best available information. It is, however, the contractor's responsibility to field verify the location of all utilities prior to the commencement of any construction.

MALCOMB WARE LEADING DESIGN F

در ا 60523 م, ا 60523 م. مال

INARY ENGINEERING 502 N KIRK RD. F. CHARLES, IL 60174 SQUARE HAVEN 8 **PRELIMINARY** FOX

ST.

Ö.					
OB NO.:	CHI23-0124				
A / PM:	J. GRZYWA				
ESIGNED:	T. SNOW				
ATE:	1-19-24				
LOT DATE:	04/18/24				

- 2 DO NOT SCALE DRAWINGS
- THE CITY OF ST. CHARLES STANDARDS SUPERCEDE ALL OTHERS. THE CONTRACTOR SHALL NOTIFY THE CITY A MINIMUM OF 48 HOURS PRIOF
- THE CONTRACTOR SHALL EXAMINE THE PLANS AND SPECIFICATIONS. VISIT THE CONTROLLOW SYMAL 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 TERMS WHICH MAY AFFECT THE COST AND TIME OF COMPLETION OF THIS PROJECT BEFORE SUBMITTING A PROPOSAL PERMITS AND LICENSES OF A TEMPORARY NATURE NECESSARY FOR THE PROSECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO THE START OF WORK, ANY DISCREPANCIES FOUND SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER AND NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND A RESPONSE PROVIDED BY THE ENGINEER.
- THE ACCURACY AND COMPLETE INCLUSION OF THE LOCATIONS OF EXISTING FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN IF THEY ARE NOT SHOWN ON THE PLANS, ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER, OWNER, AND UTILITY OWNER, BY THE CONTRACTOR AT HIS OWN EXPENSE.
- OPEN EXCAVATION WITHIN THE PAVEMENT OR PARKWAY SHALL NOT BE OFFER EAGNATION WITHIN THE PAVENERIN OF PARKINAT SHALL NOT BE LEFT OVER A WEEKEND, HOLDRY, OR AFTER 3 P.M. ON THE DAY PRECEDING A WEEKEND OR HOLDRY, OR ANY TIME THE EXCAVATION CANNOT BE SUPERVISED AND SECURED TO THE SATISFACTION OF THE ENGINEER AND AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR SHALL RESTORE ANY AREA DISTURBED TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL USE. THIS SHALL INCLUDE FINISH GRADING, ESTABLISHMENT OF A VEGETATIVE COVER (SEEDING OR SOD) AND GENERAL CLEANUP. THE CONTRACTOR SHALL NOT EXCAVATE OR DISTURB BEYOND PROPERTY LINE BOUNDARIES, UNLESS OTHERWISE
- ALL LOT IRONS DAMAGED OR REMOVED DURING CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED BY THE ENGINEER AND SAID COST OF REPLACEMENT SHALL BE PAID BY THE CONTRACTOR
- 10. ALL SITE IMPROVEMENTS, INCLUDING STORM WATER DRAINAGE (BUT NOT WATER MAIN AND SANITARY SEWER) 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. IN CASE OF CONFLICT, THE LATTER SHALL TAKE
- 11. ALL SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOS", LATEST EDITION, UNLESS OTHERWISE NOTED.
- ALL MANHOLES AND VALVE VAULTS SHALL HAVE "SANITARY", "STORM" OR "WATER" CAST INTO THE CAST IRON LIDS, AS APPROPRIATE.
- 13. ALL SEWERS AND WATER MAINS WHICH FALL WITHIN THREE FEET OF EXISTING OR PROPOSED PAVED AREAS SHALL BE BACKFILLED WITH AGGREGATE CA 8 OR OTHER APPROVED GRANULAR MATERIAL THE GRAVEL TANCE OF 2'-0" BEYOND THE PAVEMENT AND EXTEND DOWN FROM THAT POINT AT A 1:1 SLOPE, AWAY FROM THE PAVEMENT
- "BAND-SEAL" CONNECTORS, OR EQUAL, SHALL BE USED TO JOIN PIPES OF DISSIMILAR MATERIALS
- 15 ALL NEW AND EXISTING STRUCTURES ON SITE AND IN AREAS TO BE ALL NEW MOD EXISTING SI RUCL UNEX ON SITE AND IN AMEAS TO BE UBSTURBED EXISTING STRUCTURE AND STRUCTURE AND STRUCTURE OF INTERCHANGING AND/OR ADDING/REMOVING COMPLETE BARREL SECTIONS TO ACHIEVE DESIRED ELEVATIONS.
- 16 WHENEVER A SEWER CROSSES LINDER A WATER MAIN THE MINIMUM. VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN ALL SEWERS AND SERVICES AND WATER MAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN A TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON A RENCH OF LINDISTLIRRED FARTH KEEPING A MINIMUM OF 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES SEPARATION. IF ETHER THE VEHTICAL ON MOUTON AL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THEN WITHIN A DISTANCE OF 10 FEET ON EITHER SIDE OF THE WATER MAIN, THE SEWER PIPES SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED
- MITS AND LICENSES OF A TEMPORARY NATURE NECESSARY F ISECUTION OF THE WORK SHALL BE SECURED AND PAID FOR E ITRACTOR. PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR CALL THE ATTENTION OF THE ENGINEER TO ANY MATERIAL OR EQUIPMEN HE DEEMS INADEQUATE AND TO ANY ITEM OF WORK OMITTED
- THE CONTRACTOR WILL HAVE IN HIS POSSESSION, ON THE JOB SITE, A COPY OF THE PLANS AND SPECIFICATIONS PRIOR TO BEGINNING WORK
- 19. A LICENSED WELL DRILLER SHALL CAP ALL WELLS IN ACCORDANCE WITH STATE AND COUNTY REGULATIONS. CERTIFICATES SHALL BE FURNISHED SUBMITTED AND APPROVED BY THE APPROPRIATE HEALTH DEPARTMENT PRIOR TO ACCEPTANCE OF THE WORK.

## WM NOTES: PAVEMENT & CONCRETE CONSTRUCTION NOTES

- 1. ALL SITE IMPROVEMENTS. INCLUDING STORM WATER DRAINAGE (BUT NOT ALL SITE INFOVEMENTS, INCLUSING STORM WATER PRINTINGS (BUT)
  WATER MAIN AND SANITARY SEWER; SHALL BE CENTERUCTED IN
  ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE "STANDARD'S
  PSECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STA
  ILLINOIS, DEPARTMENT OF TRANSPORTATION", ADOPTED JAN 1, 2022 I
  ALL SUBSECUENT SUPPLEMENTS, AND LOCAL JURISDICTIONS ENTS. IN CASE OF CONFLICT. THE LATTER SHALL TAKE PRECEDENCE
- ALL EXISTING PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAWCUT ALONG LIMITS OF PROPOSED REMOVAL BEFORE REMOVAL
- 3. ALL CURBS CONSTRUCTED OR REPLACED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO #4 REBAR FOR A LENGTH OF 20 FEET CENTERED OVER THE TRENCH, SIDEWALKS SHALL BE TREATED IN THE SAME MANNER USING THREE #6 REBAR
- ALL PROPOSED ELEVATIONS SHOWN ON PLANS ARE FINISHED SURFACE ELEVATIONS UNLESS NOTED OTHERWISE.
- 5 ALL RADII ARE TO THE BACK OF CURB AND ARE NOTED ON THE PLANS.
- 6. CONTRACTION JOINTS SHALL BE CONSTRUCTED AT TEN (10) FOOT MINIMUM INTERVALS. THE GRANULAR CURB BASE SHALL BE A MINIMUM OF THREE (3) INCHES OF 38" TO 34" OPEN GRADED GRANULAR MATERIAL TO ALLOW FOR PROPER SUBGRADE DRAINAGE. COMPACTED CURB SUBGRADE SHALL BE SHAPED PARALLEL TO THE CURB FLOW LINE AND POSITIVELY DRAINED TO
- 7. EXPANSION JOINTS SHALL BE REQUIRED AT ALL POINTS OF CURVATURE, AT BOTH SIDES OF ALL DRAINAGE STRUCTURES, AND ALL LOCATIONS WHERE THE SIDEWALK ABUTS THE CONCRETE CURB AND GUTTER.
- CURB AND GUTTER SHALL BE CONSTRUCTED AND TIED INTO EXISTING P.C.C. PAVEMENT IN ACCORDANCE WITH I.D.O.T. STANDARDS 606001 AND 420001.
- ALL CONCRETE CURB AND GUTTER AND SIDEWALKS SHALL BE CURED WITH W.R. MEADOWS CS-309 CURING COMPOUND OR APPROVED EQUAL.
- 10. ALL CONCRETE CURB AND GUTTER SHALL BE SEALED WITH W.R. MEADOWS T1A44 SEALANT OR APPROVED EQUAL, IMMEDIATELY AFTER SEVEN (7) DAYS OF CURING AT A RATE OF 300 S.F. PER GALLON UTILIZING A SPRAY APPLICATION. THE SURFACE MUST BE THOROUGHLY CLEAN AND DRY OF
- ALL PUBLIC SIDEWALKS SHALL BE CONSTRUCTED OF CLASS SI CONCRETE 5" THICK. BASE SHALL BE FOUR INCHES (4") OF COMPACTED CRUSHED STONE (CA-6).
- 12. WHERE NEW PAVEMENT MEETS EXISTING BITUMINOUS CONCRETE OF WHERE NEW PAYEMENT MEETS EXISTING BITUMINOUS CONCRETE OR PORTLAND CEMENT CONCRETE PAYEMENTS, A CUT JOINT OF TRANSITIONAL EINGTH NO LESS THAN TEN (10) FEET WILL BE REQUIRED. THE SUBGRADE SHALL BE GRADED PARALLET OT HE FINAL SURFACE GRADES AS SUCH, SHALL BE GRADED PARALLET OF THE FINAL SURFACE GRADES AS SUCH, SHALL BRAIN TO THE CURB LINE AND TO THE INLETS AND CATCH BASINS. POSITIVE DRAINAGE MUST BE ACCOMPLISHED ON THE COMPACTED. SURCEADE OF THE PLACEMENT OF BASE MATERIAL WILL BE ALLOWED
- 13. THE INSTALLATION OF THE BITUMINOUS SURFACE COURSE SHALL BE DELAYED UNTIL THE BASE COURSE IS "PROOF ROLLED" BY THE CONTRACTOR, AT HIS COST, TO THE SATISFACTION OF THE ENGINEER
- 14 FLOWARI F FILL SHALL BE USED IN THE RIGHT-OF-WAY

## WM NOTES: STORM SEWER CONSTRUCTION NOTES

- 1022, AND REVISIONS THERETO, THE NOTES IN THE PLANS, AND IN ACCORDANCE WITH THE ORDINANCES OF THE AUTHORITY HAVING
- ALL STORM SEWERS 12"-60" SHALL BE REINFORCED CONCRETE PIPE (RCP), CONFORMING TO ASTM C-76, CLASS V, WITH JOINTS CONFORMING TO ASTM C-443 OR HIGH DENSITY POLYETHYLENE (HDPE) CONFORMING TO ASTM F2306 WITH JOINTS CONFORMING TO ASTM F477.
- UNLESS SHOWN OTHERWISE, ALL 10" AND SMALLER STORM SEWER SHALL BE POLYVINYL CHLORIDE (PVC) SDR-26 CONFORMING TO ASTM D-3034 WIT JOINTS CONFORMING TO ASTM D-3212. WHERE SPECIFIED ON THE PLANS WATER MAIN QUALITY PVC SHALL CONFORM TO ASTM D-2241 WITH JOINTS
- ALL MANHOLES AND INLET STRUCTURES SHALL BE PRECAST REINFORCED CONCRETE, ASTM DESIGNATION C-478.
- 5. EXISTING FIELD TILE ENCOUNTERED AT AN ELEVATION ABOVE THE PROPOSED DRAINAGE SYSTEM SHALL BE CONNECTED TO THE DRAIN. SYSTEM BY A METHOD APPROVED BY THE ENGINEER. THE COST OF T WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF
- EXISTING FIELD TILE ENCOUNTERED AT AN ELEVATION BELOW THE PROPOSED DRAINAGE SYSTEM SHALL BE REPLACED BY A METHOD APPROVED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION.
- 7. ALL DOWNSPOUTS AND FOOTING DRAIN SHALL DISCHARGE ONTO THE

# 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.
- THE SANITARY SEWER AND SERVICE SHALL BE CONSTRUCTED O THE SANITARY SEWER AND SERVICE IN STRUCKE OF THE SANITARY SEWER AND SERVICE OF THE ACCORDINACE WITH ASTAID A 3034 FOR PIPE AND ASTAID A 3212 FOR JOHN'S FOR PIPE DIMERTERS FROM 6"TO 15". AND THE STANDARD DIMERSION RATIO (SDR) SHALL BE 20 FOR DUCTILE IRON PIPE CLASS 22 WITH SERVEN SHALL BE 20 FOR DUCTILE IRON PIPE CLASS 22 WITH SERVEN SHALL BE 20 FOR DUCTILE IRON PIPE CLASS 22 WITH SERVEN SHALL BE 20 FOR SHALL BE
- ALL SANITARY SEWER MANHOLES SHALL BE PROVIDED WITH APPROVED CAST IN PLACE RUBBER BOOTS THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED OVE TONGUE AND RUBBER GASKET TYPE JOINTS.
- BAND SEAL, OR SIMILAR COUPLINGS SHALL BE USED IN CONNECTING SEWER PIPES OF DISSIMILAR MATERIALS.
- 5. ALL MANHOLE COVERS SHALL HAVE THE WORD "SANITARY" CAST INTO THE TOP AND SHALL BE THE CONCEALED PICKHOLE TYPE. ALL COVERS USED FOR SANITARY SEWERS SHALL HAVE A MACHINED SUBFACE AND A WATERTICHT RUBBER GASKET SEAL ALL MANHOLE FRAMES SHALL BE SET WITH BUTYL ROPE JOINT SEALANT.
- ALL FINAL ADJUSTMENTS OF CASTINGS WILL BE ACCOMPLISHED BY THE LISE
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE. TEE OR AN EXISTING MANHOLE. ONE OF THE FOLLOWING
- AN EXISTING WYE, IEE OR AN EAST IND MARKHADE, WHE OF THE SECTION
  METHODS SHALL BE USED.

  CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOL 'SEWER TAP
  MACHINE OR SMILLAR) AND PROPER INSTALLATION OF HUB-WYE
  SADULE OR HUB-TEE SADDLE.

  REMOVE AR ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF 7.2.
- ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION WITH A PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- SANITARY SEWER SERVICES SHALL BE CONSTRUCTED ACCORDING TO THE SANTIARY SEVER SERVICES SHALL BE CONSTRUCTED ACCORDING IL DETAILS IN THE PLANS AND THE EXACT LOCATION OF EACH SHALL BE DETERMINED IN THE FIELD. THE CONTRACTOR SHALL FURNISH RECOR DRAWINGS OF SANTFARY SEWER SERVICES AT THE COMPLETION OF CONSTRUCTION, BASED ON MEASUREMENTS PROVIDED BY THE
- A RED TIPPED 4"X4"X6" POST SHALL BE PLACED VERTICALLY IN THE GROUND AT SERVICE TERMINATION, 4" OUT OF THE GROUND.
- 10 ALL SANITARY SEWER AND SERVICES TO HAVE STONE REDDING 1/4" TO 1" IN ALL SARI/AY SEVERE AND SERVICES 10 HAVE STONE BELDING 14"-10 THE SIZE, WITH AM MINIMULT HICKNEW PIPE, BUT NOT LESS THAN 4 INCHES. DOT IMPROVED FOR THE AND THE STANDARD STAN OF THE GRANULAR MATERIAL MAY RANGE FROM 1/4" TO 1" IN SIZE. THE BEDDING MATERIAL SHALL EXTEND ABOVE THE TOP OF THE PIPE A MINIMUM
- 11 ALL ELOOP DRAINS SHALL DISCHARGE INTO THE SANITARY SEWER

# WM NOTES: DEFLECTION TESTING FOR FLEXIBLE THERMOPLASTIC

- ALL PIPELINE SHALL BE TESTED FOR EXCESS DEFLECTION BY PULLING A \*\*GO - NO GO\*\* MANDREL THROUGH THE PIPE FROM MANHOLE TO MANHOLE.

  THE MANDREL SHALL BE SIZED IN ACCORDANCE WITH THE TESTING LIMITS
  GIVEN BELOW, AND AS SPECIFIED IN THE SPECIAL PROVISIONS. A

  "DEFLECTOMETER" MAY ALSO BE USED TO CHECK AND RECORD DEFLECTION, WHEREVER POSSIBLE AND PRACTICAL, THE TESTING SHALL NITIATE AT THE DOWNSTREAM LINES AND PROCEED TOWARDS THE
- WHERE DEFLECTION IS FOUND TO BE IN EXCESS OF ALLOWABLE TESTING S. THE CONTRACTOR SHALL EYCAVATE TO THE POINT OF EYCES LIMPTS, THE CONTRACTOR SHALL EXCAVATE TO THE POINT OF EXCESS DEFLECTION AND CAREFULLY COMPACT AROUND THE POINT WHERE EXCESS DEFLECTION WAS FOUND. THE LINE SHALL THEN BE RETESTED FOR DEFLECTION. HOWEVER, SHOULD AFTER THE INITIAL TESTING THE DEFLECTED, THE ALL TO RETURN TO THE ORIGINAL SIZE (INSIDE DIAMETER) THE FAIL TO RETURN TO THE ORIGINAL SIZE (INSIDE DIAMETER) THE SHALL BE REPLACED.
- 3. SAMPLING SHALL BE PERFORMED ON ALL SEWER PIPELINE BY THE
- 4. DEFLECTION LIMITS FOR FLEXIBLE THERMOPLASTIC PIPES:
  - VERTICAL RING DEFLECTION OF POLYVINYL CHLORIDE (PVC) PIPE SHALL
  - MANDREL DIAMETER = (100% DEFLECTION % LIMIT) \* BASE INSIDE
- BASE ID = AVERAGE ID TOLERANCE PACKAGE AVERAGE ID = AVERAGE OD 2\* 1.06 \* MIN WALL THICKNESS
- TOLERANCE PACKAGE = [(OD TOLERANCE)<sup>2</sup> + 2(0.06 \* MIN WALL THICKNESS)<sup>2</sup> + ROUNDNESS TOLERANCE)<sup>2</sup>] <sup>4</sup>1/2

### WM NOTES: SITE GRADING NOTES

- ALL SITE IMPROVEMENTS. INCLUDING STORM WATER DRAINAGE (BUT NOT ALL SITE INFORMATIONS FOR MAD BY STORM WATER TO FORMATION OF THE STANDARD OF THE STANDARD OF THE STANDARD OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STANDARD SPECIFICATION FOR FOR ADD AND BRIDGE CONSTRUCTION OF THE STANDARD SPECIFICATION OF THE ENTS. IN CASE OF CONFLICT. THE LATTER SHALL TAKE PRECEDENCE.
- EARTHWORK AND EMBANGMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINIOS," ADDPTED JANUARY 1, 2022 WITH ALL SUBSEQUENT SUPPLEMENTS. COMPACTION OF ALL EMBANGMENTS SHALL NOT DEVIATE FROM SECTION 265 GA.
- 3 ALL SITE WORK SHALL INCLUDE OF EARING STRIPPING AND STOCKPILING OF TOPSOIL, REMOVING UNSUITABLE MATERIALS, THE CONSTRU EMBANKMENTS, CONSTRUCTING NON-STRUCTURAL FILLS, AND FINAL SHAPING, AND TRIMMING TO THE LINES, GRADES AND CROSS-SECTION
- UNSUITABLE MATERIAL ENCOUNTERED IN EXCAVATING FOR PAVEMENT SUBGRADE SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL TO THE LIMITS APPROVED BY THE GOTECHNICAL ENGINEER UNSUITABLE MATERIAL. THAT IS EXCAVATED SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
- TOPSOIL EXCAVATED SHALL BE STOCKPILED ON THE SITE IN AREAS DESIGNATED BY THE ENGINEER UNTIL SUCH TIME THAT THIS TOPSOIL CAN BE USED FOR FINAL GRADING. ALL TOPSOIL STOCKPILE AREAS TO BE STABILIZED IN ACCORDANCE WITH APPLICABLE EROSION CONTROL
- CONTRACTOR SHALL LANDSCAPE DISTURBED R.O.W. BY BACKFILLING FROM BACK OF CURB TO ROW LINE WITH A MINIMUM OF 6-INCHES OF TOPSOIL & PLACING SOD. FERTILIZE TOPSOIL WITH NITROGEN, PHOSPHORUS AND POTASSIUM FERTILIZER NUTRIENT.

### WM NOTES: WATER MAIN CONSTRUCTION NOTES

- 1. ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL IVALES MAIN CUNSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN LLUNGIS, LATEST EDITION, THE NOTES AND ON THE PLANS, AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE LOCAL JURISDICTION HAVING AUTHORITY.
- 2. ALL WATER MAINS SHALL BE DUCTILE IRON PIPE CLASS 52 WITH EITHER MECHANICAL OR PUSH-ON JOINTS AND SHALL CONFORM TO ANSI A21.51, AWWA C151 AND ANSI A21.11, AWWA C111.
- 3 ALL FITTINGS SHALL BE COMPACT DUCTILE IRON AND SHALL CONFORM TO A FITTINGS SHALL BE U.L. LISTED CLASS 350, TYLER, GRIFFIN OR APPROVED EQUAL.
- ALL PIPE AND FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH
- 5. ALL FITTINGS SHALL BE MECHANICAL JOINT AND SHALL BE INSTALLED WITH
- SLEEVES SHALL BE ROCKWELL D.I. COUPLING TYPE 441 OR EQUAL. SLEEVES SHALL BE PROVIDED AT LOCATIONS SHOWN ON THE PLANS OR AS REQUIRED. THE COST OF SLEEVES IS CONSIDERED AS INCIDENTAL TO THE COST OF THE PROJECT
- ALL GATE VALVES SHALL BE OF THE DOUBLE DISC TYPE, SHALL HAVE A STANDARD OPERATING NUT AND SHALL OPEN IN A COUNTERCLOCKWISE DIRECTION. GATE VALVE SHALL BE RESILIENT WEDGE TYPE GATE VALVE AWWA C-599 OR AS SPECIFIED BY THE JURISDICTION HAVING AUTHORITY.
- 8. ALL GATE VALVES 12" AND LARGER SHALL BE LOCATED IN A VALVE VAULT
- 9. ALL WATER MAIN SHUTDOWNS SHALL BE PERFORMED BY DISTRIC PERSONNEL ONLY, A MINIMUM OF 24 HOURS NOTICE SHALL BE GIVEN PRIOR TO REQUESTED SHUT-DOWNS.
- 10. VALVE BOXES SHALL BE CAST IRON TWO PIECE 5 1/4 INCH SHAFTS SCREW-TYPE TYLER MODEL 664-5, OR EQUAL. LIDS TO BE MARKED "WATER.
- ALL HYDRANTS SHALL BE IN ACCORDANCE WITH SECTION FOUR (4) OF AWWA C502-54 STANDARD AND SHALL BE MUELLER OR TRAVERSE CITY HYDRANT WITH ONE 4 1/2" STEAMER NOZZLE AND TWO (2) HOSE OUTLE! WHICH THE THREAD CONFORMS WITH THE STANDARDS OF THE AUTHOR HAVING JURISDICTION.
- 12. ALL TEE BENDS, FIRE HYDRANTS AND VALVES SHALL BE ADEQUATELY SUPPORTED WITH BLOCKING, SUPPORTED LATERALLY WITH POURED IN THRUST BLOCKING AGAINST UNDISTURBED EARTH ALL FITTINGS SHALL BE INSTALLED WITH RETAINER GLANDS. AUXILIARY VALVES SHALL BE AWWA C-509 TYPE, STEAMER PORT ON FIRE HYDRANT SHALL BE 18" ABOVE
- 13 WATER MAINS AND WATER SERVICE LINES SHALL BE PROTECTED FROM SANTARY SEWERS, STORM SEWERS, COMBINED SEWERS, HOUSE SEW SERVICE CONNECTIONS AND DRAINS IN ACCORDANCE WITH THIS SE SERVICE CONNECTIONS AND DRAINS IN ACCORDANCE WITH THIS SE SUPPLIES, CHAPTER II: ENVIRONMENTAL PROTECTION AGENCY, PARTS 661-664 TECHNICAL POLICY STATEMENTS, SECTION 663.119.
- 14. ALL WATER SERVICES SHALL BE 1 INCH TYPE "K" COPPER PIPE WITH FLARED CONNECTIONS UNLESS OTHERWISE NOTED ON PLANS. ALL CORPORATION STOPS SHALL BE MUELLER MODEL H15008, 1" GROUND KEY CORPORATION
- 15. ALL CURB STOPS SHALL BE MUELLER MODEL H15155, MARK II ORISEAL 1\*
  MINNEAPOLIS PATTERN. ALL CURB BOXES SHALL BE MUELLER MODEL
  H10300, EXTENSION TYPE (5-1/2 FT.) MINNEAPOLIS PATTERN BASE CURB
  BOX.
- A BLUE TIPPED 4"X4"X6" WOODEN POST SHALL BE PLACED VERTICALLY IN THE GROUND AT EACH SERVICE TERMINATION 4" OUT OF THE GROUND.
- 17. ALL WATER MAINS SHALL HAVE A MINIMUM DEPTH OF COVER OF 5'-6".
- 18. WATER MAIN MAY BE LAID ON A 2" SAND CUSHION TO INSURE EVEN BEARING ALONG THE ENTIRE LENGTH OF THE PIPE. OLD WATER SERVICE ALONG WOLF RD TO BE CUT OFF AT MAIN AND MAIN PIPE TO BE REPLACED.

- WM NOTES: SANITARY SEWER TESTING NOTES
- THE MAXIMUM ALLOWABLE INFILTRATION SHALL BE 100 GALLONS PER MILE PER INCH DIAMETER OF PIPE. THE USE OF A V-NOTCH WEIR OR A PLUG WITH SPIGOT TO MEASURE FLOWS SHALL BE DETERMINED BY THE ENGINEER PRIOR TO THE TEST.
- THE SANITARY SEWER SHALL BE TELEVISED BY THE CONTRACTOR AND A THE SANITARY SEWER SHALL BE TELEVISED BY THE CONTRACTOR VIDEO TAPE RECORD SHALL BE MADE AND TURNED OVER TO THE MUNICIPALITY AFTER CONSTRUCTION BUT PRIOR TO PLACING THE SANITARY SEWER INTO SERVICE.
- ALL SANITARY SEWERS WILL BE AIR TESTED BY THE CONTRACTOR LINDER THE SUPERVISION OF THE MUNICIPALITY ENGINEER. ALL TESTING WILL BE DONE IN CONFORMANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
- A ALL SANITARY MANHOLES SHALL BE VACILIM TESTED IN ACCORDANCE WITH

# WM NOTES: WATER DISINFECTION NOTES

AFTER THE WATER MAIN INSTALL ATION HAS BEEN SATISFACTORILY COMPLETED FUNNSH EQUIPMENT AND CHEMICALS NECESSARY TO PROPERLY DISINIFECT THE WORK IN ACCORDANCE WITH THE LETSE REVISION OF AWMS STRANDARD OID. CH. CORNEL WHICH MAY BE USED IN THE DISINFECTING SOLUTIONS IS OLD CHEME AGO SOLUTIONS AND LESS CHIMENOS AMPRICED BY CONTINUOUS FEED METHOD OILLINGS SOLUTIONS SHALL BE PAPILED BY WE CONTINUOUS FEED METHOD OILLINGS SOLUTIONS MAY DEPLIED BY CONTINUOUS FEED METHOD OILLINGS SOLUTIONS MAY DEPLIED BY CONTINUOUS FEED METHOD METHO FURNISH EQUIPMENT AND CHEMICALS NECESSARY TO PROPERLY DISINFECT CONCENTRATION IN THE WATER FLOWING FROM THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE OWNER'S SYSTEM, OR LESS THAN 1MG/L.

### WM NOTES: WATER MAIN TESTING NOTES

ALL WATER MAIN AND SERVICE PIPE, FITTINGS, VALVES AND HYDRANTS SHALL ALL WATER MAIN AND SERVICE PIPE, FITTINGS, VALVES AND HYDRANTS SHALL BE SUBJECTED TO A HYDROSTATIO PRESSURE OF 20 PG JAFTER INSTALLATION. SHALL BE CAREFULLY FILLED WITH WATER TO EXPEL ALL TRAPPED AIR, AND THE TEST PRESSURE BAUL BE APPLIED BY USE OF A PURP CONNECTED TO A TAP N THE PIPE. IN THE EVENT OF A PRESSURE LOSS, THE CONTRACTOR SHALL LOCATE AND CORPECT ALL LEAKS, AND THEN REPORTS THE PROPROSTATIO PRESSURE TEST MAINT SALTSFACTORY TO THE AUTHORITY HAVING JURISDICTION EVENERE.

THE FOLLOWING INSPECTIONS AND TESTING SHALL OCCUR FOR TH UNDERGROUND PIPING. THE LOCAL OFFICIAL SHALL HAVE A MINIMUM 48 HOURS NOTICE OF THE TEST. THEY SHALL INCLUDE BUT ARE NOT LIMITED TO:

- LINDERGROLIND DIDING THRUST BLOCKS AND RESTRAINTS SHALL BE VISUAL INSPECTED PRIOR TO BEING VISUAL INSPECTED PRIOR TO BEING COVERED. THE LOCAL AUTHORITY THAVING JURISDICTION SHALL BE CONSULTED ON WHAT RELEVANT DEPARTMENT SHALL COMPLETE THE INSPECTION. A COPY OF THE INSPECTION SHALL BE PROVIDED TO THE LOCAL FIRE OFFICIAL PRIOR TO THE FLUSHING AND HYDROSTATIC TES!
- LINDERGROUND FLUSHING SHALL BE COMPLETED PRIOR TO THE FIRE B. UNDERGROUND FLUSHING SHALL BE COMPLETED PHOR IT ONE FIRE SERVICE MAIN BEFORE THE BEACKFLOW ASSEMBLY IS INSTALLED AND PUT INTO SERVICE. THE UNDERGROUND PIPING FLUSHING FLOW RATE SHALL BE NOT LESS THAN ONE OF THE OPTIONS LISTED IN NFPA 24. A COPY OF THE TESTING DOCUMENTS SHALL BE PRESENTED TO THE LOCAL FIRE OFFICIAL AT THE COMPLETION OF THE TEST.
- UNDERGROUND HYDROSTATIC SHALL BE COMPLETED PRIOR TO THE FIRE SERVICE MAIN FROM BEING COVERED. THE PIPING SHALL BE HYDROSTATICALL TESTED AT TWO HUNDRED POUNDS PER SQUARE INCH (200 PS), MINIMUM AND SHALL MAINTAIN THAT PRESSURE WITHOUT LOSS FOR TWO HOURS (2 HRS).

## CITY OF ST. CHARLES NOTES:

A CURRENT COLOR VIDEO RECORD AND A WRITTEN TRANSCRIPTION OF THE A CURRENT COLOR VIGEO RECORD AND A WRITTEN TRANSCRIPTION OF THE INTERNAL INSPECTION OF THE NEW TO CONSTRUCTED STORE AND DIN SWITTARY SEWER SYSTEMS SHALL BE SUBMITTED PRIOR TO REFERENCE OF THE STATE OF WARE LEADING DESIGN F

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CHARLES,

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CAUTION: IF THIS SHEET IS NOT 24"x36" IT IS A REDUCED PRINT MALCOMB 11 0 LEGEND 9 REMOVE / DEMO WATER MAIN SERVICE TO BE REMOVED. BOUNDARY LOT LINE EASEMENT 9 CENTERLINE CURB / GUTTER WARE I 9 REMOVE EXISTING SIDEWALK PROTECT EXISTING FH DURING CONSTRUCTION STORM DRAIN ..... EXISTING STORM SEWERS SANITARY SHALL BE TELEVISED PRIOR TO CONSTRUCTION. SEE NOTE 8. AT MANHOLE (TYP. REMOVE EXISTING TREES HATCH LEGEND REMOVE EXISTING ASPHALT. BASE COURSE TO REMAIN STREET LIGHT REMOVE EXISTING ASPHALT PAVEMENT, FULL DEPTH PROTECT EXISTING FH DURING CONSTRUCTION DEMOLITION NOTES 1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR 0 CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PHODI-TO CONSTRUCTION AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES. ENGINEER WILL NOT BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH CHANGES TO THE DESIGN WITHOUT PROPER NOTIFICATION. 2. ALL EXCAVATION SPOILS, INCLUDING BUT NOT LIMITED TO CONCRETE AND PAVEMENT EXCAVATION, SHALL BE EXPORTED AND LEGALLY DISPOSED OF BY THE CONTRACTOR. RING EXISTING STRUCTURES, CONCRETE, PAVEMENT, FENCES, CURBS, UTILITY BOXES, LIGHTS, GATES, ETC. NOT CALLED OUT IN THE PLANS TO BE REMOVED OR REPLACED SHALL BE PROTECTED IN PLACE. DEMO EXISTING FOR AND ON BEHALF ABANDON SANITARY STUBS -AT MANHOLE (TYP CONTRACTOR TO PROVIDE TREE PROTECTION AS NECESSARY DURING CONSTRUCTION TO PRESERVE EXISTING TREES TO REMAIN. ANY TREES NOT IDENTIFIED TO BE REMOVED ARE ASSUMED TO REMAIN. ENGINEERING REMOVE EXISTING ASPHALT PAVEMENT. BASE COURSE TO REMAIN ALL ABANDONED SEWERS / FORCE MAINS SHALL BE PLUGGED AT BOTH ENDS WITH ATLEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUGS. SQUARE -(7, (785) > 502 N KIRK RD. CHARLES, IL 60174 ANY WATER OR SANITARY NOW SHOWN ON THESE PLANS TO BE ABANDONED/REMOVED AS NEEDED. REMOVE EXISTING TREES 8. CONTRACTOR TO TELEVISE EXISTING STORM SEWER FROM BEGINNING OF RUN TO EXISTING DETENTION BASIN OFF OF FOXFIELD DRIVE, NORTH OF JEWEL BULLDING, SEWERS SHALL BE CLEANED OF DEBRIS AND FUNCTIONING, NOTIFY OWNER AND ENGINEER OF ANY SEWERS IN DISREPAIR. DEMO EXISTING STREET LIGHT **FOX HAVEN** PRELIMINARY 40' BUILDING SETBACK LINE PER DOCUMENT NO. 98K08378 - REMOVE EXISTING WHEEL STOPS -ST. 3 10 PROTECT EXISTING FH
DURING CONSTRUCTION
FND 3/4"/P NO ID 9 EXISTING CURB AND GUTTER - SSMH #883 TOP ELEV: 784.50' NE INV (10" PVC) 775.50' SW INV (10" PVC) 775.60

REMOVE EXISTING

EXISTING CURB AND IGUTTER TO REMAIN

CONFIRM CONDITIONS OF

CURB AND GUTTER

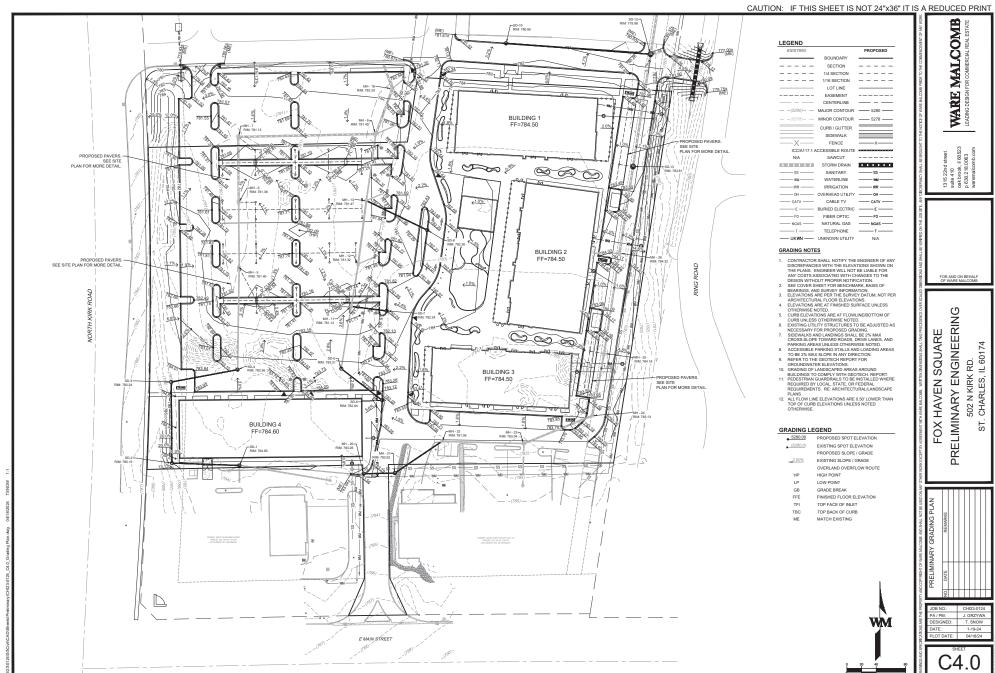


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CAUTION: IF THIS SHEET IS NOT 24"x36" IT IS A REDUCED PRINT MALCOMB FOR COMMERCIAL REAL ESTATE LEGEND PROPOSED BOUNDARY PROPOSED BIKE RACK LOCATIO PROPOSED BY CHARGING STALLS -LOT LINE 5.00\* -EASEMENT CENTERLINE Managar . — −(5280)− — MAJOR CONTOUR — 5280 iiiiiiiii MINOR CONTOUR ---- 5278 -----CURB / GUTTER WARE LEADING DESIGN F EXISTING FH BUILDING BUILDING 1 1 )} SAWCHT SF-16,150 FF= 784.50 . . . . . . STORM DRAIN MONUMENT SIGN LOCATION STORM CLEANOUT STORM INLET 🔚 🖥 🕝 63 STORM MANHOLE 0 SANITARY A, il 60523 0063 → SANITARY CLEANOUT 0 SANITARY MANHOLE 0 WATERLINE -Q X @ <del>100000000</del>4 WATER VALVE H WATER MANHOLE LIGHT POLE ETRANS PROPOSED DUMPSTER LOCATION TRANSFORMER FLEC VALUET SIDEWALK RAMP HATCH LEGEND PROPOSED CONCRETE SIDEWALK BUILDING 2 SF=19,500 FF= 784.50 PROPOSED HEAVEY DUTY ASPHALT PROPOSED LIGHT DUTY ASPHALT PROPOSED OUTDOOR SEATING BENCHES DUMPSTER LOCATION ROPOSED ABOVE GROUND BMP AREA ' (° ENGINEERING (SEE ARCH) SITE NOTES PROPOSED 2 CURB CUT 4 CONTRACTOR TO FIELD-VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND SHALL SQUARE CONDITIONS PRIOR TO CONSTRUCTION AND SHALL NOTITY ENDINEER OF ANY DISCREPANDES. ENGINEER MILL NOT BE LUBBLE FOR ANY COSTS ASSOCIATED WITH CHANGES TO THE DESIGN WITHOUT PROPER NOTIFICATION. AND STATE WITHOUT PROPER NOTIFICATION. BASIS OF BEARINGS, AND SURVEY INFORMATION. 3. DIMENSIONS ARE TO BACK OF CURB AND BUILDING FACE UNLESS OTHERWISE NOTED. 100 de 502 N KIRK RD. CHARLES, IL 60174 BUILDING 3 18.50 - DIMENSIONS ARE TO BACK OF CORD AND BUILDING FACE UNLESS OTHERWISE NOTED.
 PAVEMENT THOONESS AND DESIGN ARE PER THE GEOTECHNICAL REPORT.
 ACCESSIBLE CURB RAMPS SHALL BE CONSTRUCTED WITH DETECTIBLE WARRING PADS IF REQUIRED BY SF=14.250 FF= 784.50 HAVEN ( shiring \ WITH DETECTIBLE WARNING PADS IF REQUIRED BY LOCAL CRITERIA.

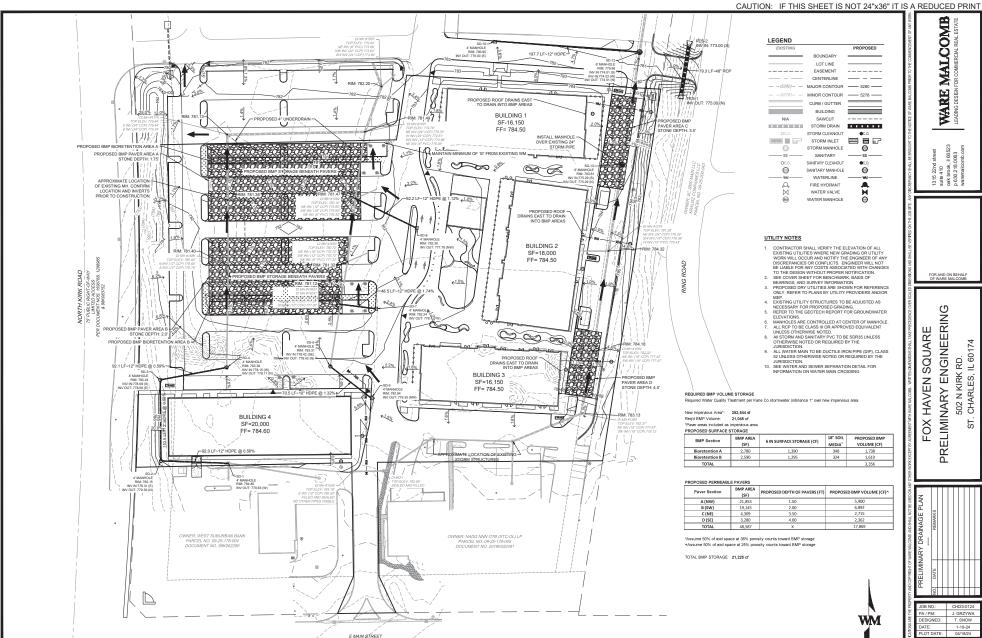
6. CONTRACTOR SHALL REMOVE AND REPLACE CURB. GUTTER, PAVING, LANDSCAPE, AND ANY OTHER ITEMS DAMAGED DURING CONSTRUCTION.

7. ALL PROPOSED STRIPING TO BE 4" WIDE PAINTED YELLOW STRIPE, UNLESS MOTED OTHERWISE. **PRELIMINARY BUILDING 4** FOX ST. SF=20,000 SITE DATA 18.00' -FF= 784.60 PROPERTY AREA: ±328,432F (7.54 AC)
PROPOSED IMPERVIOUS: 6.00 AC
PROPOSED PERVIOUS: 1.54 AC
BUILDING AREA:
BUILDING 1: ±16,150 SF - (6,500 SF
BUILDING 2: ±19,500 SF - (19,500 SF EXISTING FH ±16,150 SF - (6,500 SF RESTAURANT, 9,650 SF RETAIL) ±19,500 SF - (19,500 SF RESTAURANT) ±14,250 SF - (4,000 SF RESTURAUNT, 10,250 SF RETAIL) BUILDING 4: ±20,000 SF TOTAL BUILDING G.F.A.: 69,900 SF OLD SECOND BANK TRASH ENCLOSURE REQUIRED PARKING PER CITY OF ST. CHARLES PUD STANDARD AT 4 SPACES PER 1,000 SF FOR RETAIL & OFFICE SPACE AND 15 SPACES PER 1,000 SF OF RESTAURANT SPACE EXISTING FI ASSUME 30,000 SF RESTAURANT SPACE & 39,900 SF RETAIL & OFFICE SPACE. RESTAURANT PARKING: 450 SPACES RETAIL & OFFICE PARKING: 160 SPACES TOTAL REQUIRED PARKING: 610 SPACES TOTAL PROVIDED PARKING
ON-SITE DEDICATED: 347 SPACES
SHARED SPACES: 87 SPACES
TOTAL PROVIDED SPACES: 474 SPACES\* REQUIRED ADA SPACES: 9 (FOR 401-500 SPACES) TOTAL PROVIDED: 10 SPACES \*VARIANCE IS REQUIRED DEDMEADI E DAVEDO PERMEABLE PAVERS WM ESIGNED: T. SNOW E MAIN STREET TYPICAL PAVER SECTION N.T.S.



SCALE: 1" = 40'

C5.0



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

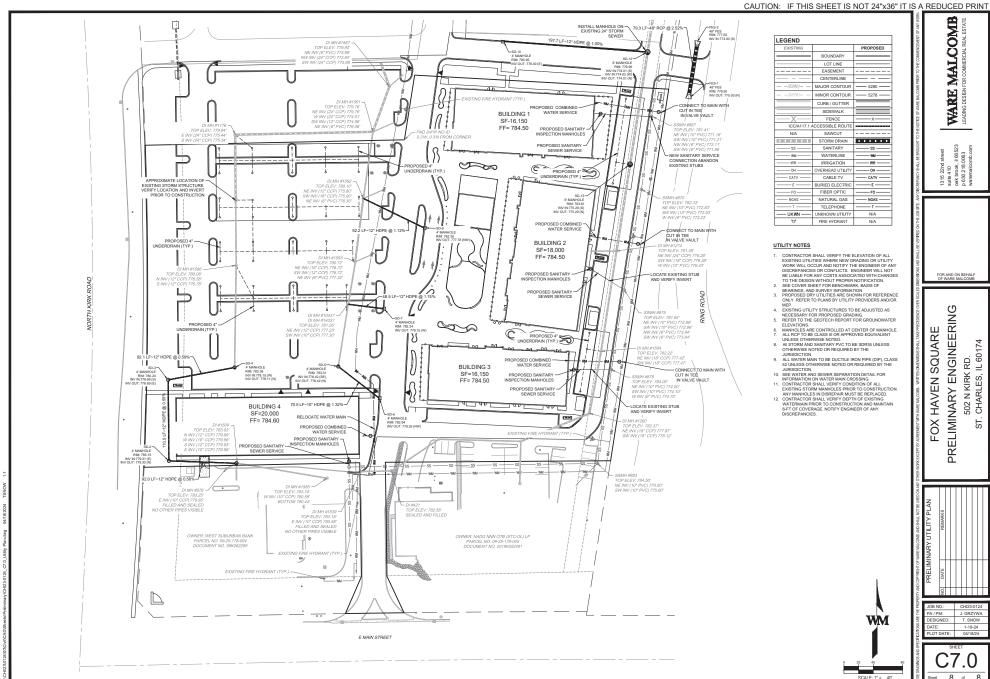
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WARE MALCOMB

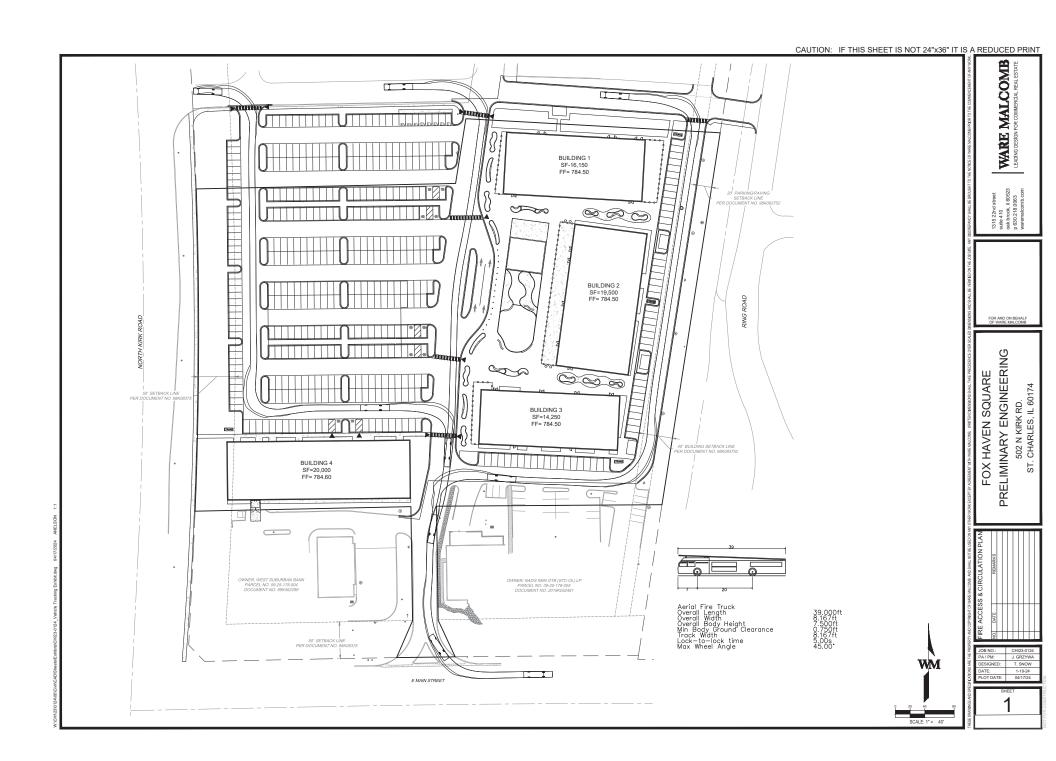
ii 60523 0063

T. SNOW

C6.0



T. SNOW



LANDSCAPE PLAN FOR:

# **FOX HAVEN SQUARE**

St Charles, IL

Site Location Map



# **SHEET INDEX**

 SHEET
 DESCRIPTION

 CS-1.0
 COVER SHEET

 L-1.0
 LANDSCAPE PLAN

 L-2.0
 LANDSCAPE PLAN

 L-3.0
 LANDSCAPE PLAN

 L-4.0
 LANDSCAPE SPECIFICATIONS

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

SEAL:



PH: 630.561.3903 www.metz-company.co

LANDSCAPE PLAN

PROJECT NO.: 24-248

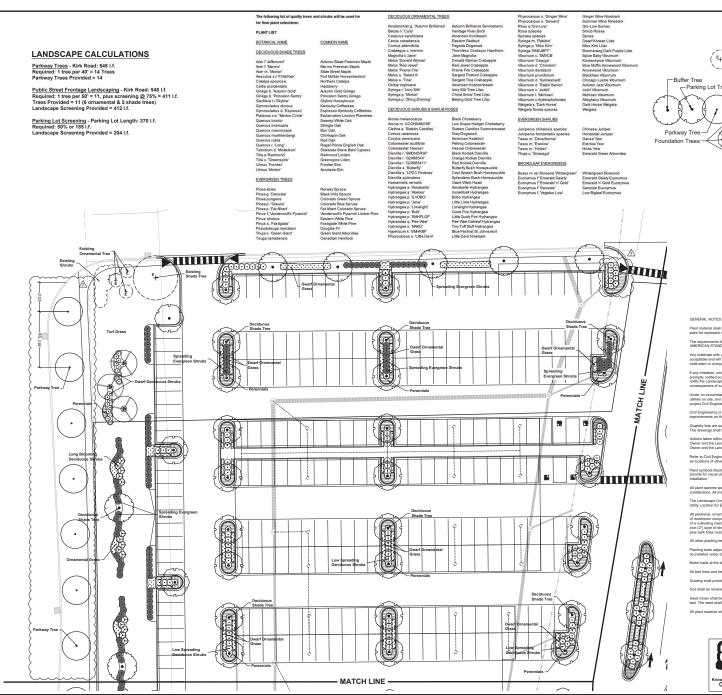
DATE: 1-19-2024 SCALE: 1"=20

CS-1.0

Landscape Architect: Metz & Company 826 E. Maple Street Lombard, IL 60148 630.561.3903

Architect/Engineer: Ware Malcomb 1315 W 22nd Street, Suite 410 Oak Brook, IL 60523 630.218.0063





# **LEGEND**

Parking Lot Tree 2.0" or 6' - ORNAMENTAL TREES

 $\bigcirc$ 

(X)

**EXISTING TREES** 

EXISTING SHRUBS

2.5" - DECIDUOUS SHADE TREES

6' - EVERGREEN TREES

30" to 36" - DECIDUOUS SHRUBS

o‱ 24"/#5 - DECIDUOUS SHRUBS\*

24"/#5 - EVERGREEN SHRUBS

#1 - ORNAMENTAL GRASSES

#1 - PERENNIALS

from flats - GROUNDCOVERS

\* Dwarf Ornamental Shrubs 18"/#3

Plant material shall be nursery grown and be either balled and bur-lapped or container grown. Sizes and spreads or

in without the knowledge and consist of the Owner and the Landscape Architect or in contra-he Landscape Architect's work product or recommendations, shall become the responsibility the Landscape Architect, but for the parties responsible for the taking of such action.

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

The Landscape Contractor shall verify location of all underground utilities prior to digging by calling "J.U.L.I.E." (Joint Utility Location for Excavators) 1-800-892-0123 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 inche of mustroom compost. The top dressing shall be worked into the soil to a minimum depth of nine inches (9") by the of a cultivating mechanism. Upon completion perennials & ornamental grasses shall be mutched with an additiona linch (2") layer of streeded wood mutch, Annuals & groundcovers shall be covered with a two inch (2") layer of sour

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

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.







1 St. Charles Review #1 4-18-2

> ~ ⋖ SQU/ 502 N. Kirk Road St Charles, Illinois HAVEN

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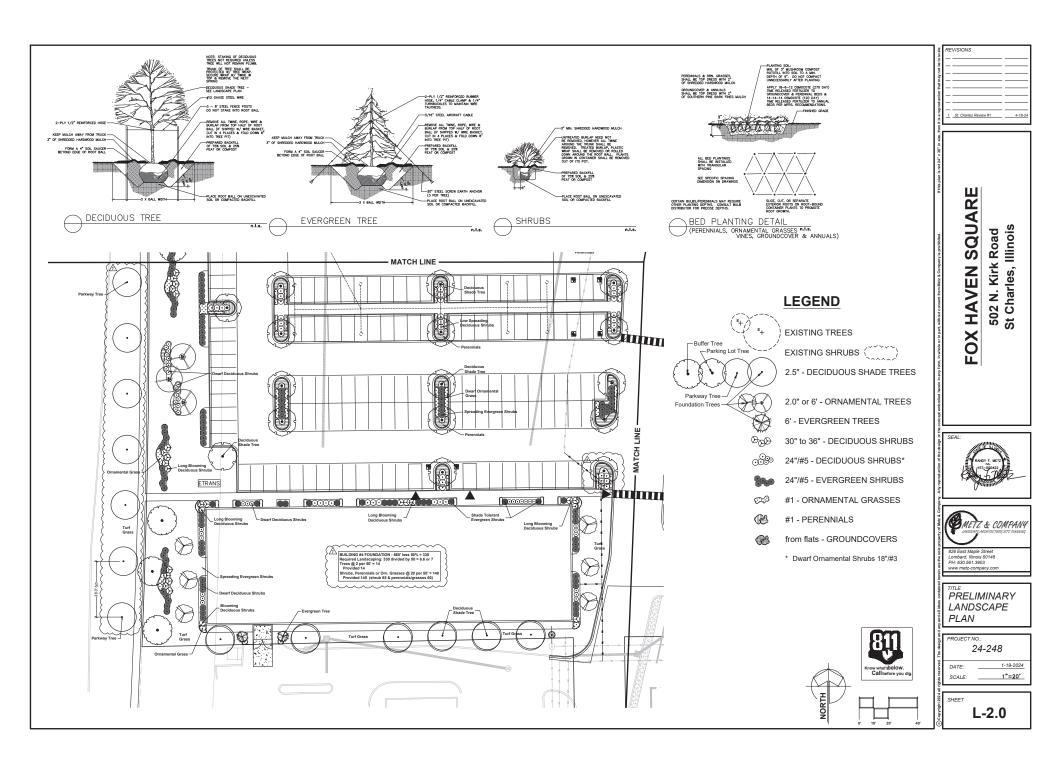
Lombard, Illinois 60148 PH: 630.561.3903

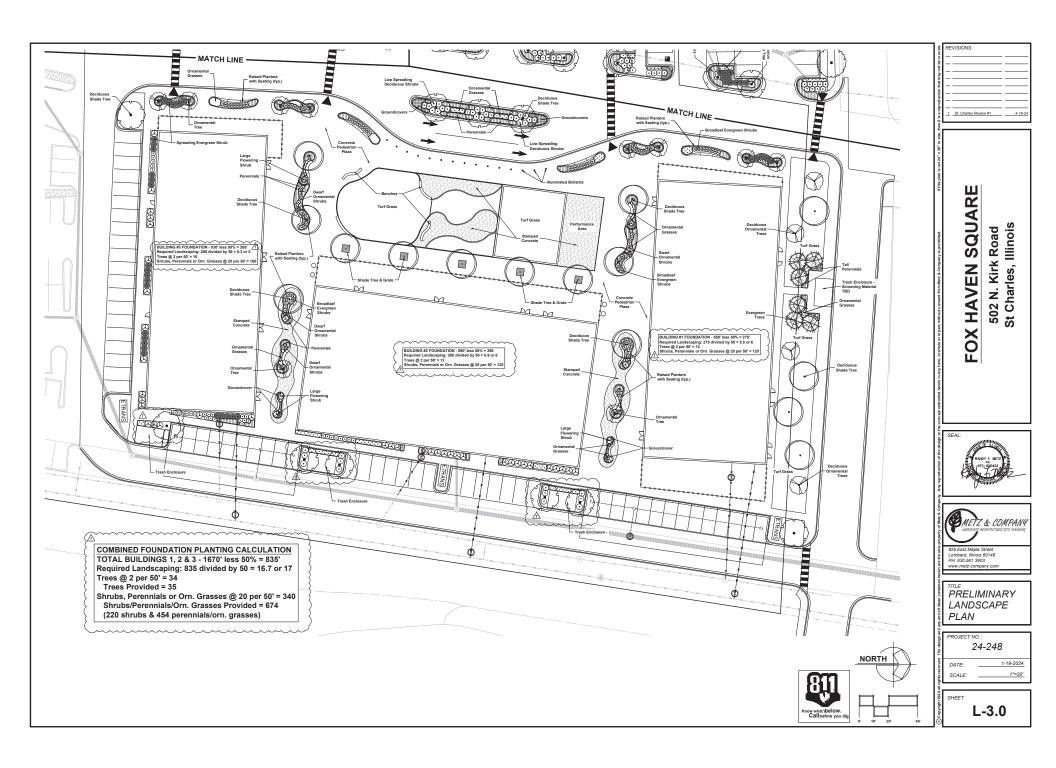
**PRELIMINARY LANDSCAPE** PLAN

24-248

1-19-2024 1"=20'

SHEET L-1.0





### LANT MATERIAL

thing of all maherials, and the performance of all operation in connection with the planting of decidaous & evergreen tree roses, personials, omamental grasses, groundcover, bulbs (if any) and armust flowers (if any) in strict conformance is bide drawines within are subject to the terms and conditions of the Contract.

### CENERAL RECUIREMENTS

### APPLICABLE STANDARDS

American National Standards for Tree Care Operations, ANSI A300, American National Standards Institute, 11 West 42nd Street, New York, N.Y. 10098.
American Standard for Nursery Stock, ANSI 280.1, American Nursery & Landscape Association, 1000 Vermont Avenue NW, Suite 300, Washington, D.C.

Hostus Third, The Staff of the L.J. Bailey Hostorium, 1976, MacMillan Publishing Co., New York. All standards shall include the latest additions and amendments as of the dated of advertisemen

## ART 2 - MATERIALS

# concerning. The Landscape Architect reserves the right to tag or inspect plants at the nursery but such inspection shall not preclude the right of rejection at the sale Contractor shall furnish and install all plants as shown on the drawing and in the quantities as actually designated on the drawings. The quantities shown on the plant fill are included for convenience purposes only.

# NOMENCLATURE The names of the plants indicated on the drawings conform generally with those accepted in the nursery trade.

# TEMPORARY STORAGE trained and by planted on the day of delawy. In the sense this is not provide, the Contract and protect the projected such trained as it is provide, part contract and protect the projected such trained as the provided process of the provided process of

# SELECTION Alphate hall be obtained from numeries licensed by the State of Bincis and approved by the Landscape Architect. The Landscape Architect nearwas the to accompany the Contractor to the numeries for the purpose of selecting (bigging) material. Plant sources located outside the State of Bincis must be appropriated by the Landscape Architect.

# TOPSOIL Topical Feeded shall be imported. All imported topical, used for any portion of the work, what be feeded, frielde, related isom containing a liberal amount of Topical Feeded shall be individely fee from weets, large mote, jatera, stdos, attons larger than one (1) lond, weats, dubtion or other extransoon matter. The installing Contractor shall be responsible for not picking and/or dubtion removal as needed to meet this specification.

- pH: No lower than 5.0 nor higher than 8.0.
  TEXTURE: No more than 25 percent clay.
  SOLUBLE SALT: No more than 1000 ppm
  CHEMICAL ACTIVITY: The topsoil (on-site & imp

# MULCH Mulch shall consist of the following:

# muonKCON CUBPCST Maleroom compast and list occupioned of well-critical cutile or station mercure with an administra of 15-30% topoid and shall have been used for the commercial stress of all has not not (1) copy of multi-community in the commercial stress of all has not not (1) copy of multi-community in the commercial stress of all the commercial stress of all the commercial stress of the commercial commercial stress of all the commercial commerc

# FERTILIZER & NUTRIENTS

Fartilizer shall be commortial fartilizer which shall be a correlate fartilizer with the following engreenimate analysis

# s lace (14-3-3) slow-release briguettes or acceptable equivalent approved by Landscape Architect

- Roses

  1. Wiodison (14-3.1) shor-release briganties
  2. Bipartitive legal or exceptable separated approved by Landscape Architect.

  Control of the Control of the Control of Cont

# TREE WRAPPING MATERIAL

# Tage for securing the weap shall be bio-degradable tape suitable for nursery use and which is expected to degrade in sunlight in less than two (2) years after intertails/on.

# WATER

# optied by the Owner at no cost to the Contractor by way of an irrigation system, quick coupler system, hose bibs, hydrant meter or a on size.

ART 3 - EXECUTION

# Planting operations shall be conducted under fevorable weather conditions during the season stated in the Contract. Before excavations are made the surrounding latf (if existing) shall be convent in manners that will satisfactorily protect all tert areas that are to be trucked or hasted over and upon which soil is to temporarily schooled. The Contractor shall be assported for the restoration of all damaged existing thr. All restorations shall be added.

TIME SCHEDULE OF PLANTING OPERATION

Lindicoping shall be performed during the season or seasons which are rormal for such work as determined by weather conditions and by accepted practice.

Priviling may be performed unfer invessescable conditions without delictional compensation, that such work must have the prior approved of the Lindicopinal Conditions and the conditions are conditions are conditions are conditions and the conditions are conditions and the conditions are conditions are conditions are conditions and the conditions are cond

# Bare root materials (if any) shall cease on May 31

2. FALL a. Sept. 1 to Nov. 15 with following exceptions

### 3.2 WATERING

All plants shall receive a thorough watering immediately after installation. During times of extreme heat, all evergrees and decidious trees shall receive a minimum of 16 galitons of water por twe per watering up to two (2) additional waterings shall be performed as needed. The use of delp irrigidate these bags are encouraged (i.e., posthosp), All additional waterings will be performed by No Danier or in accordance with a Change Order per the objectment (III before the additional waterings).

### 3.4 ACCEPTANCE

FISE MANNEY PLANTING ACCEPTANCE.

Protentine principles acceptance shall be given for completed planting operations for the purpose of the Controlled becoming digitals for purposes for Protentine principles and principles acceptance shall be given for completed planting acceptance shall be given because and only the Course and of Course is Representative by principles.

In addition, the controlled planting acceptance is the proteints acceptance and principles acceptance to the proteints in incident for an example of the principles acceptance and principles acceptance acceptance and principles acceptance acceptance

# FINAL PLANTING ACCEPTANCE Free james and the part of the properties of all regionsment operations equived building the parameter should below. Free james properties while be parameter should be properties of the parameter should be parameter should be properties of the properties o

- ONE YEAR PERSOD

  The one (1) year period shall begin on the date of Proliminary Acceptance of all plant material.

  REVIEW ACCEPTATION SEE ADMINISTRATION OF THE PROLIMINARY ACCEPTATION OF
- materials not specified by the Contract of vandatism or by terrorism. GUARANTEE PERIOD INSPECTION

# PART 1 - GENERAL

# 1.1 SCOPE OF WORK

Topics for planting operations shall be obtained from an on-site stockpla generated from the state typing. In the event that more is available, needed typical-ble specified from an off-site accuracy. All propriets begood, in the growth propriet begood in the work, which be facility, fished, natural bound containing a themson are contained as the same ar

- ORGANIC MATTER. Not less than 1.5 percent no more than 10.0 percent. pht. No lower than 5.0 nor higher than 8.0. LEXTURE: No mores than 25 percent day. SOLUBLE SALT: No more than 1000 ppm.

- CHEMICAL ACTIVITY: The topsoil (on-site & imported) shall be free from any toxins or chemical residue which could result in any form of plant growth damage.

# 2.2 COMMERCIAL FERTILIZER AND DELIVERY

Fertilizer shall be delivered to the site in unopened, origin misruflictures and to deserve the control of the co

PENTILIZED SINENUTH
The follow shall be complain fertilizer containing a minimum basis percentage by weight of the following:
1. PRORT TO SEEDING AND/ON SOCIONA 6-24-24
PRORT TO SEEDING AND/ON SOCIONA 6-24-24
Phosphorosca. 24%
Potath. 24%

a)One-quarter of the nitrogen shall be in the form of initrates, one-quarter in the form of ammonia salts, and one-half in the form of organic b) Available phosphoric acid shall be derived from super-phosphate having a minimum guaranteed analysis of 20% of available phosphate. c) The potates habit be in the from of suphstate of potats.

The balance of the fertilizer shall be made up of materials usually present in such a product. It shall be free from dust, sticks, send, stone, or other relativis

## PROPORTION BY WEIGHT TYPE OF GRASS

CONVENTIONAL TURF GRASS MX (f specified)
60% KENTLORY BLUEGRASS (Mend of 3 collivars)
30% PREFENAL RYEGRASS (Mend of 2 collivars)
10% CREENING RED FESCUE
(Apply at 7 bis 17.00 S F to mechanical seeding)

 30%
 CREEPING RED FESCUE

 20%
 KENTUCKY BLUEGRASS

 10%
 PERENNIAL RYEGRASS

 (Apply at 5 tbs.17,000 S.F. for mechanical seeding)

### 1. PACKING AND MARKETING

All seeds shall be delivered in suitable bags in accordance with standard commercial practice. Each bag shall be tagged or labeled as required by the law of the STATE OF LLINGOT. The vendor's areas shall show on or be attached to such bag together with a statement signed by the overest schowing; a like interference of the shall be precentage of policy and germatisation, of the percentage of the ske, if my, of a statement conforming to the laws of the STATE OF LLINGOS travellabeler mentitioned showing percentage of weed seeds, if any. Seed which has become water, most procedures damaged with the spicant.

### 2.4 EROSION CONTROL BLANKET

# 2.5 HYDROMULCH (if specified) SoilCover Hydraulic Wood Mulch by Profile distributed by ERO-TEX (\$66)437-8839

4.5 500 for sections, the properties of the properties in repected to be placed diseases and insect infestions. It shall be fresh cut, low, manage grown such, not less than one and one shift 1500 looks thick sharing such contains dress. The next some shall be disposed, fortile, and seek of the properties of the pr

The Owner and/or Landscape Architect, reserves the right to inspect the sod at the source before cutting and areas that fall to meet with his approved shall not be cut for the purpose of supplying interfact under the contract. The Owner author undexages Architect shall be permitted to the size of the purpose of supplying interfact under the contract. The Owner author undexages Architect shall be permitted to the same of the contract of the same of the same

- 1. BLUEGRASS SOD shall be a blend of at least three (3) cultivars of Kentucky bluegrass grown on a mi
- SALT SOD (if specified) shall be a blend of Kentucky Bluegrass, 'Fults' Alkalie Grass (Puccinellia Distans), Perennial Ryegrass and other types as approved by the Landscape Architect grown on a mineral base.

### 2.7 WATER

The Omer shall provide at no cost, sufficient water for the Contractor to maintain plant materials and sended and solded areas in secondario with the requirement of the applicable students specifications. Tables water and it is supplied by the Owner by your of a parameter provided by way of the provident of the provident specifications. Tables are considered to the provident of the provident of

in the event that the on-sits water supply is curtailed or terminated by the Owner or by ordinance during the period the Contract is in effect, or But there is no con-site sources of water, the Contractor shall supply water from off-site in sufficient quantities to complete the job companished for this additional lame will be a secondaries with a solidorie point question of the solidories later will be a recondaries with a solidories of present for the first solidories later will be a recondaries with a solidories of present for the Contractor of the Contractor by the Owner, when the Owner is unable to supply the water in sufficient questions, in Contractor shall not be left responsible of the Contractor of the Contractor

### PART 3 - EXECUTION

# 3.1 SEED - The accepted seasons for sowing seed in lawn areas shall be defined as follows:

PLANTING SEASONS	SPRING	FALL
------------------	--------	------

Turf grass April 1 \* to May 31 Aug. 15 to Sept. 30 or as soon as the soil is free of frost and in a workable condition. Seeding during other time periods shall require the approval of the Owner and/or Landscape Architect. All sowing of seed shall be completed after all trees and shrubs have been installed, if any.

# 3.2 SOD - The accepted seasons for laying sod shall be as follows:

- Sodding during the summer season, defined as June 16 to August 14, will be acceptable if the area is served by an operational irrigation system. Sodding after November 1 shall be considered unseasonable and will require the approval of the Landscape Architect or Owner.

## 3.3 REQUIRED MAINTENANCE

The Contractor shall be responsible for maintaining all newly seeded and sodded areas until such a time as these areas are granted acceptance by the Owner and/or Landscape Architect. Maintenance during this time period shall and consist of watering, mowing, fertilization and harbicide application, as well as any other horticidusal polication, as well as any other horticidusal polication castalois has not objectable stand of grant.

## A. WATERING

- The Contraction shall water of early sected own one immediately one complete. Additional entiring shall be preferred as reacted in the descript of support and purpose of preparine to present confidence of designations. The contraction shall be improved be to watering and that is undertaken and according of the Contraction shall be improved by the contraction of the improved present prepare in prepare in propose in processing and the improved prepared in processing and in the contraction of the improved prepared in the contraction of the co
- The Contract of sale for only middle sed more duty. The Contract sold sensit to expensible for underly through these (3) applications. If the Contract sold sensitive sold

- The Costractor shall mow all **seeded** areas three (3) times. The three (3) movings shall be performed once the turf has re-nches (3°) and shall maintain the turf at 2-2½°. At no time should more than 1/3 of the leaf blade be removed by any moving.
- The Contractor shall mow all sodded areas once. The one (1) mowing shall be performed once the turf has reached a height of three inches (3").
   At no time should more than 1/3 of the leaf blade be removed by any mowing.

# C. FERTILIZATION

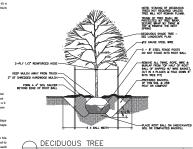
- Seeded areas after completion of the second required moving, the Contractor shall apply an 18-5-9 convenencial fartilizer at the rate of 15 pounds or 1,000 square feet (650 lbs/lac.) to all furf areas using a mechanical spreader and by making two (2) passes at right angles to each
- Sodded area after completion of the required moving, the Contractor shall apply an 18-5-9 commercial fertilizer at the rate of 15 pounds per 1,000 square feet (650 balac.) to all turf areas using a mechanical spreader and by making two passes at right angles to each other.

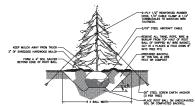
The Contractor shall be responsible for one (1) application of a weed control product no sooner than the second moving with the areas seeded. The

The Contractor shall not be held liable for damage incurred to the seed areas caused by deloing compounds, toxic substances, fertilizers, pesticides and other materials not specified or not applied by him or under his supervision, nor those damages caused by vandalism or acts of nature.

Acceptance of seeded areas will be determined by the Owner anxior Landscape Archibect. Acceptance shall be grateful open conformance with the following: 10 - Osas shall deplay a reasonably uniform distribution of grass plants. 22 - Osas shall deplay seed to the conformation of the shall be shall

The Contractor shall guarantee the provision of a green, healthy relatively weed free turf at the time of acceptano

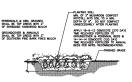


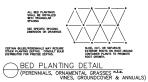




EVERGREEN TREE

SHRUBS







# 2 ⋖ <u>ه</u>. Illinoi Road ō S 502 N. Kirk | St Charles, II AVEN Ì

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n.t.s.

SF41



TITLE LANDSCAPE SPECIFICATIONS

PROJECT NO.: 24-248 DATE: 1-19-2024

SCALE: N.T.S.

SHEET

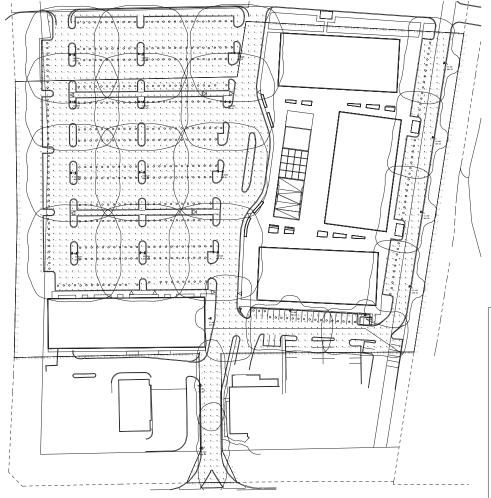
L-4.0

CONTROLL OF MATERIAL MATERIAL AND STREET TO THE USED ON AND OTHER MOTOR ENG	SITE PHOTOMETRIC PLAN	REMARKS	ISSUED FOR SPECIAL USE PERMIT & PUD SUBMITTAL	REVISED PER CITY COMMENTS		
		TE	2024	2024		

E010

Luminaire Schedule - Part numbers are provided by the manufacturer and are only intended to be used as a reference to output and optics used. Qty Tag 2 V1-3BC 7 V1-4W Arrangement
Single
Single
Back-Back Arr. Watts 172 158 Manufacturer Description Symbol Luminaire Lumens 15065 Arr. Lum. Lumens Luminaire Watts VP-1-160L-160-4K7-3-BC VP-1-160L-160-4K7-4W VP-1-160L-160-4K7-5QW 0.900 0.900 0.900 EEACON EEACON 158 12 V2-5QW EEACON PRODUCTS 19033 38066

Calculation Summary Avg/Min 3.90 4.56 N.A. Description READINGS TAKEN @ GRADE READINGS TAKEN @ GRADE READINGS TAKEN @ GRADE CalcType EV PARKING LOT Planar Illuminance Illuminance 11.67 PARKING AND DRIVES\_Planar PROPERTY LINE Illuminance N.A.



Luminaire Location Summary LumNo Label
1 VP-1-160L-160-4K7-3-BC
2 VP-1-160L-160-4K7-3-BC
3 VP-1-160L-160-4K7-4W Mtg Ht Orient VP-1-160L-160-4K7-4W VP-1-160L-160-4K7-4W VP-1-160L-160-4K7-4W VP-1-160L-160-4K7-4W VP-1-160L-160-4K7-4W VP-1-160L-160-4K7-4W VP-1-160L-160-4K7-5QW\_ VP-1-160L-160-4K7-5QW VP-1-160L-160-4K7-5QW\_ VP-1-160L-160-4K7-5QW\_ VP-1-160L-160-4K7-5QW\_ VP-1-160L-160-4K7-5QW\_ VP-1-160L-160-4K7-5QW\_ VP-1-160L-160-4K7-5QW\_ VP-1-160L-160-4K7-5QW\_ VP-1-160L-160-4K7-5QW\_1 VP-1-160L-160-4K7-5QW\_1 VP-1-160L-160-4K7-5QW\_1 VP-1-160L-160-4K7-5QW\_1

PARKING LOT DESIGN GUIDE	MAINTAINED HCRIZONTAL		MAINTAINED VERTICAL		MAXIMUM	
APPLICATION AND TASK	AVERAGE (FC)	RANGE (FC)	AVERAGE (FC)	RANGE (FC)	AVG:MIN	MAX:MIN
PARKING (UNCOVERED) ZONE 3 (URBAN)	1.5	0.75 - 3	0.8	0.4 - 1.6	4:1	15:1
PARNING (UNGOVERED) ZONE Z (SUBURBAN	1	0.5 - 2	U.6	0.3 - 1.2	4:1	1501
SAFETY (BUILDING EXTERIOR)	1	0.5 - 2			FOR SECURITY ISSUES RAISE AVG. TO 3	
SIMPURED RECOMMENDATIONS BASED ON IES T INDIVIDUAL APPLICATIONS WILL DETERMINE SPEC MORE DETAILED EVALUATION AND ADDITIONAL	CIFIC RECOMMEN	IDATIONS, PLEAS	SE REFER TO THE A	OST RECENT HA		

# NOTES

PC BILLICHTEN IS NETHER LICENSED NOR INSURED TO DETERMINE CODE COMPLIANCE.
CODE COMPLIANCE REVIEW BY OTHERS.
ANY VARANCE FROM REFLECTANCE VALUES OBSTRUCTIONS, LIGHT LOSS FACTORS OR DIMENSIONAL DATA WILL AFFECT THE ACTUAL UGHT LEVELS OBTAINED. LIMMERSHAMMER CHAIN MILL APPELL THE ACTUAL BUFFL LEVELS DISTAIRED.

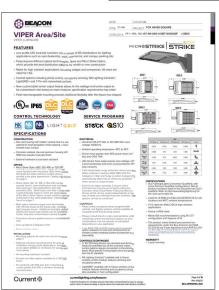
THIS ANALYS S A MATHEMATICAL MODEL AND CAN BE ONLY AS ACCURATE AS IS PERMITTED BY THE THIRD-PARTY SOFTWARE AND THE IES STANDARDS USED.

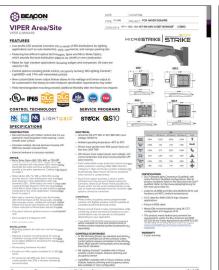
FIXTURE TYPES AND QUANTITIES MAY CHANGE BASED ON UNKNOWN OBSTRUCTIONS OR RIED CONCINONS, THESE CHANGES MAY RESULT IN AN INCREASED QUANTITY OF FIXTURES. FIXTURE TYPES AND QUANTITIES BASED ON PROVIDED LAYOUT AND DRAWINGS ARE FOR REFERENCE ONLY, TYPES AND QUANTITIES MAY CHANGE WITH FUTURE REVISIONS. CALCULATION GRID VALUES 10'-0" O.C.

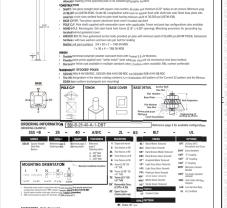
BEACON

Current @

SSS-B Series Poles







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DATE: LOCATION:
TYPE VI-WPOLE PROJECT P



# FOX HAVEN SQUARE

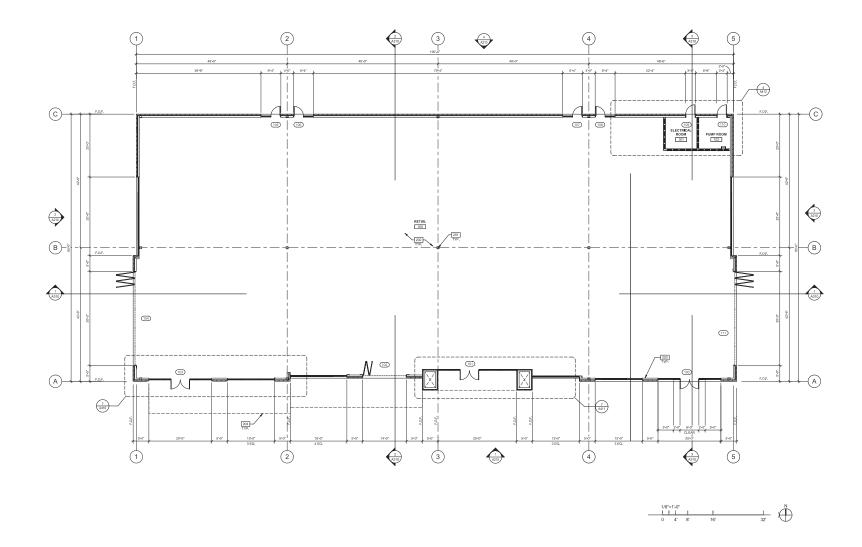
ST. CHARLES, ILLINOIS

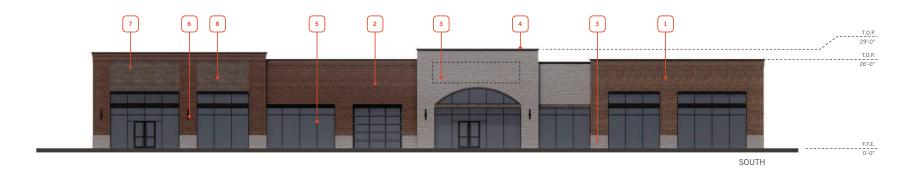
CHI23-0124-00 APRIL 25, 2024





1° =20°







BRICK - MIDDLE TONE

- 4 ALUMINUM PRE-FINISHED COPING
  DARK FINISH
- 7 POTENTIAL LOCATION FOR SIGNAGE
- POTENTIAL LOCATION(S) FOR ART MURAL

2 BRICK - DARK TONE

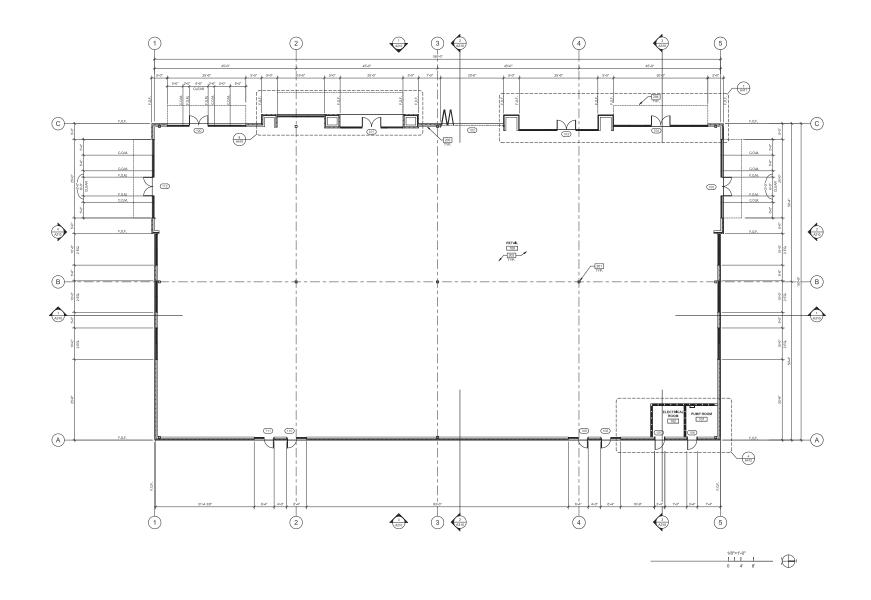
5 ALUMINUM STOREFRONT DARK FINISH

8 WOOD VENEER ACCENT

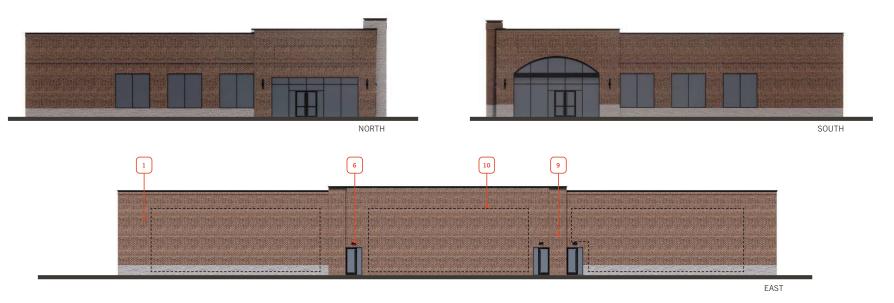
3 STACKED STONE VENEER

6 EXTERIOR LIGHTING

9 BRICK EXPRESSION







BRICK - MIDDLE TONE

- 4 ALUMINUM PRE-FINISHED COPING
  DARK FINISH
- 7 POTENTIAL LOCATION FOR SIGNAGE
- POTENTIAL LOCATION(S) FOR ART MURAL

2 BRICK - DARK TONE

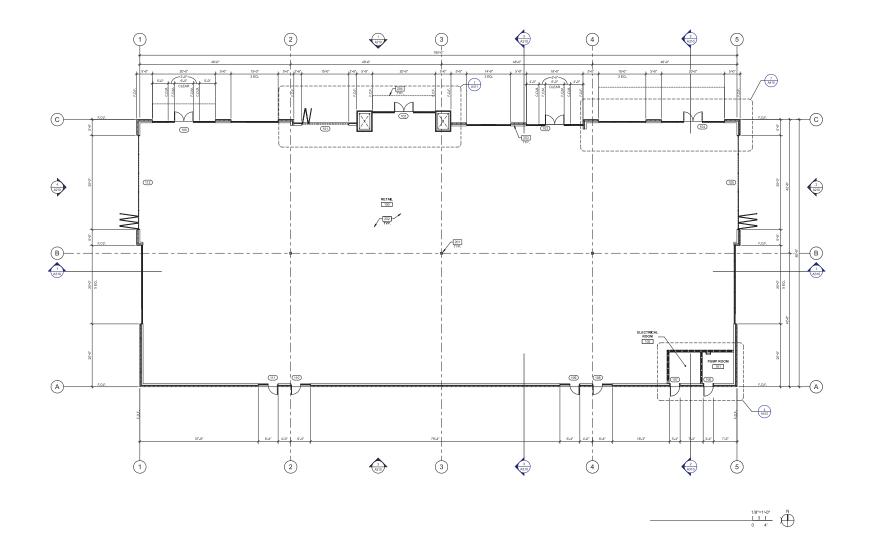
5 ALUMINUM STOREFRONT DARK FINISH

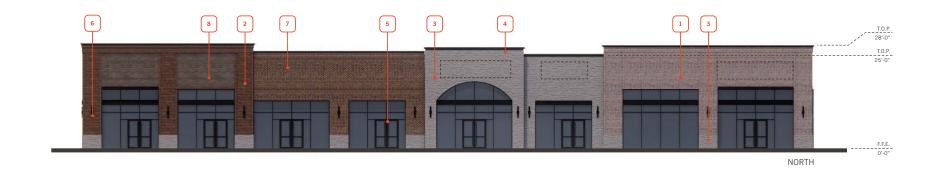
8 WOOD VENEER ACCENT

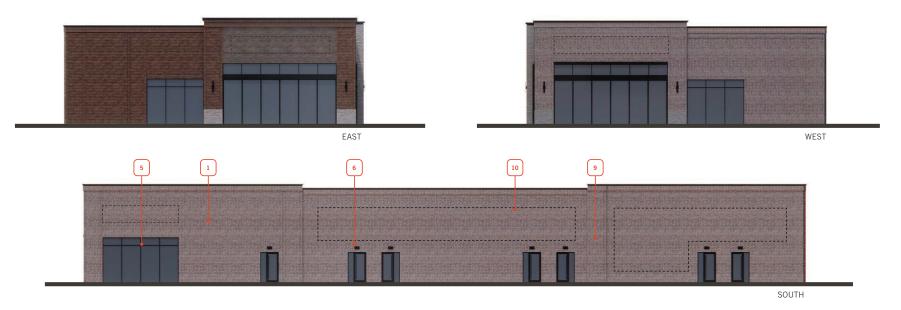
3 STACKED STONE VENEER

EXTERIOR LIGHTING

9 BRICK EXPRESSION







BRICK - MIDDLE TONE

- 4 ALUMINUM PRE-FINISHED COPING
  DARK FINISH
- 7 POTENTIAL LOCATION FOR SIGNAGE
- POTENTIAL LOCATION(S) FOR ART MURAL

2 BRICK - DARK TONE

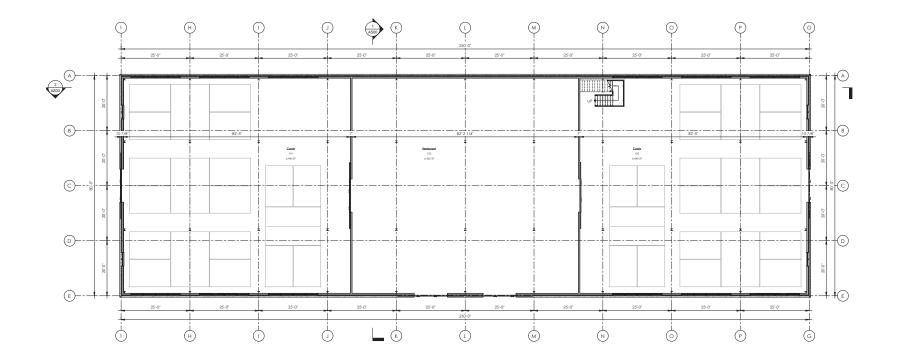
5 ALUMINUM STOREFRONT DARK FINISH

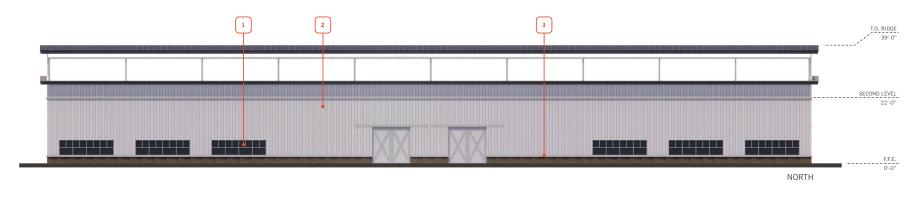
8 WOOD VENEER ACCENT

3 STACKED STONE VENEER

6 EXTERIOR LIGHTING

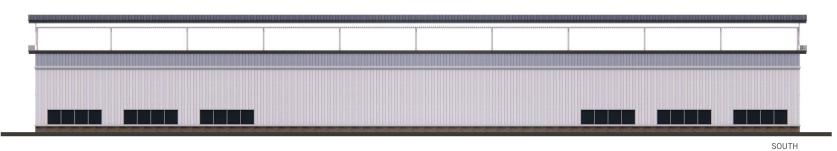
9 BRICK EXPRESSION











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









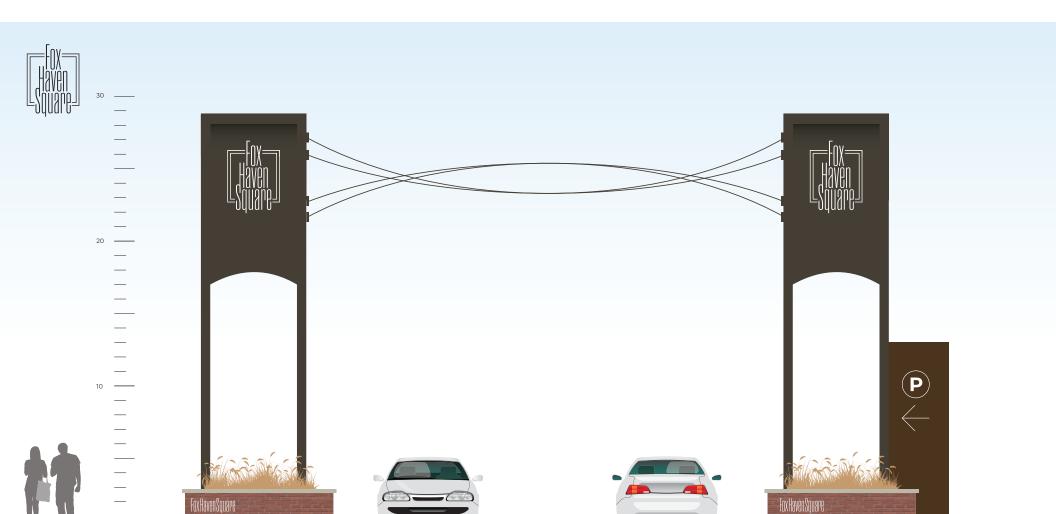














SITE SIGNAGE

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









SITE SIGNAGE

WARE MALCOMB







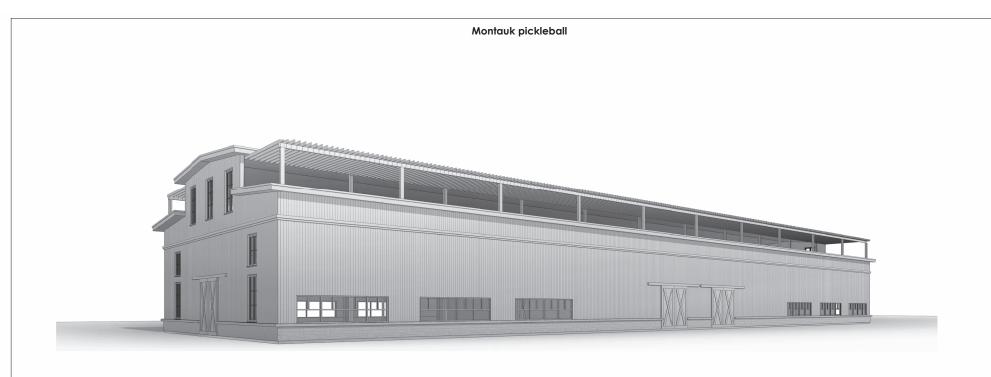












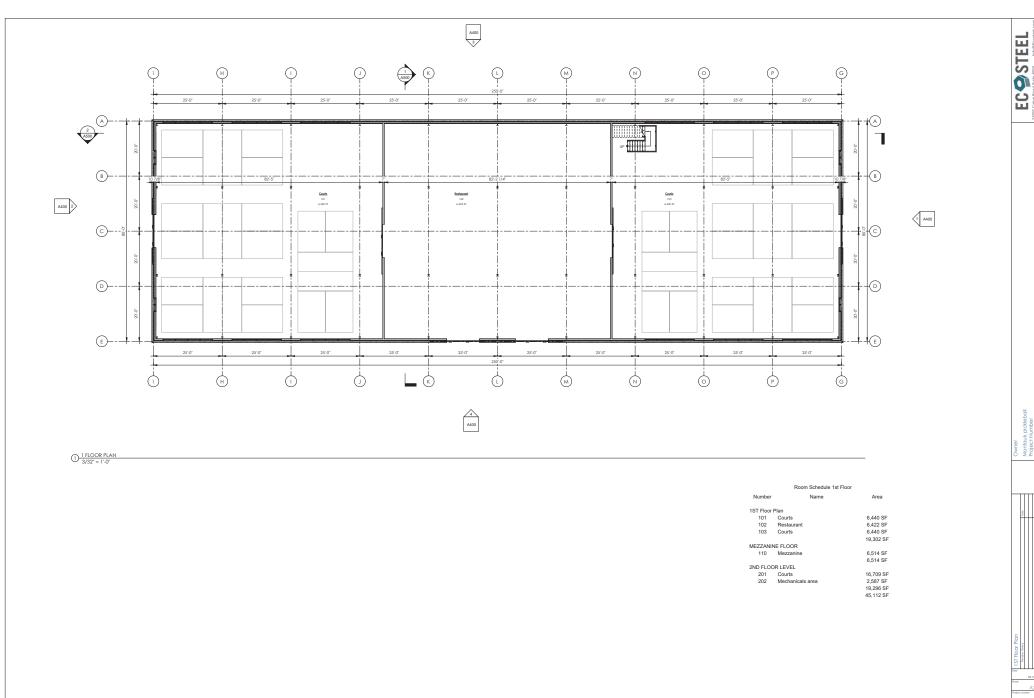
A100 Cover Sheet
A101 General Notes
A210 1ST Floor Plan
A220 Mzzanine Floor Plan
A300 2nd Floor Plan
A310 Roof Plan
A400 Elevations
A500 Sections 1
A600 Details & Schedules
A601 Details & Schedules
A602 Details & Schedules
A603 Details & Schedules
A603 Details & Schedules
A604 Plan
A606 Sometric Views
A900 Perspective views

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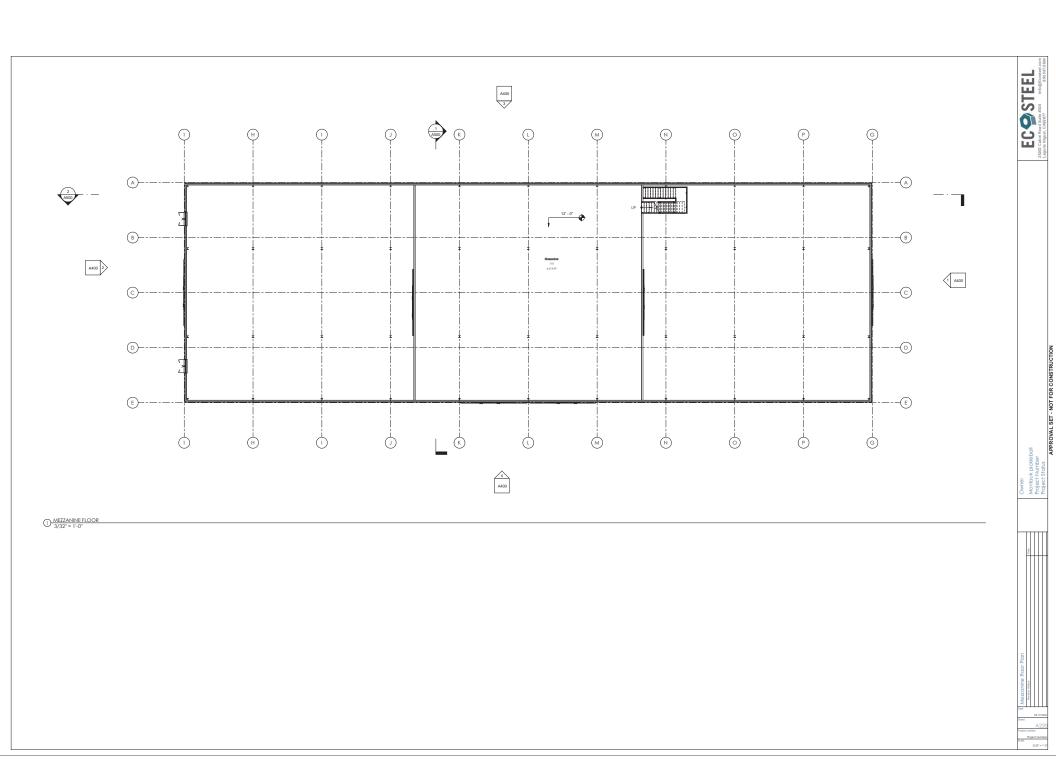
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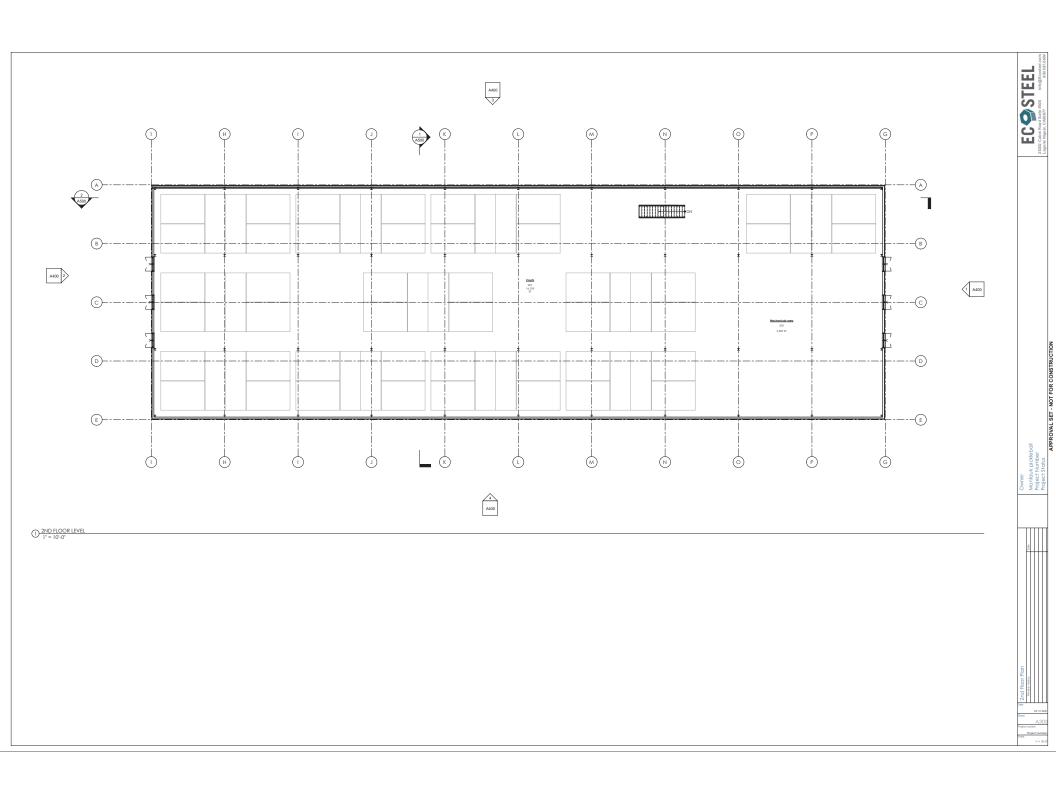
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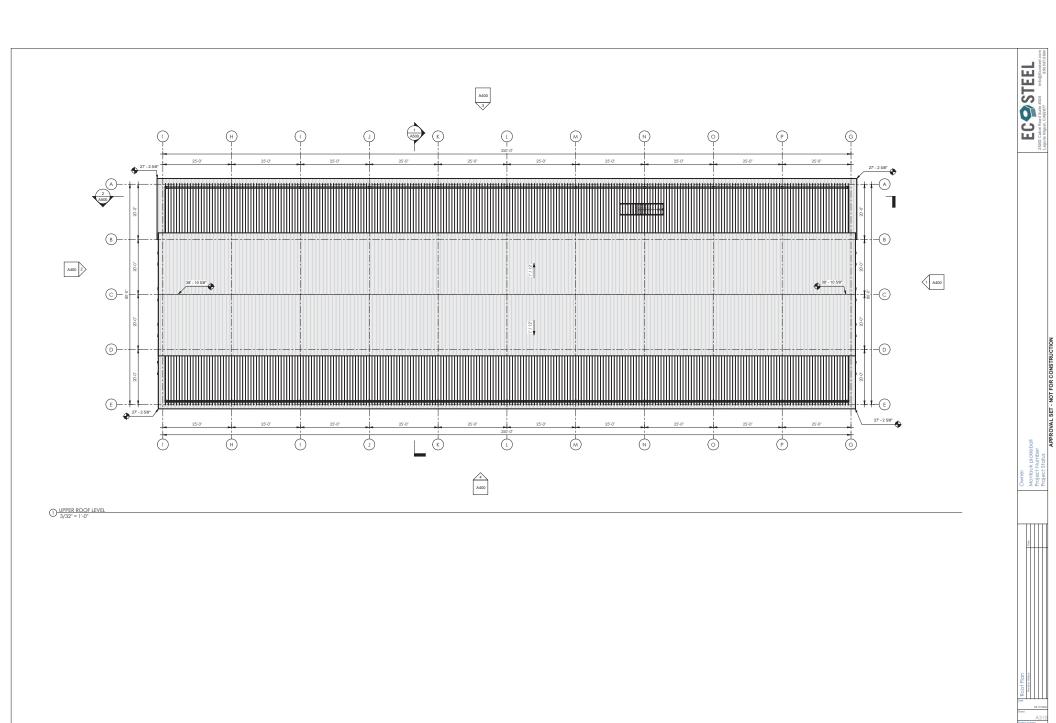
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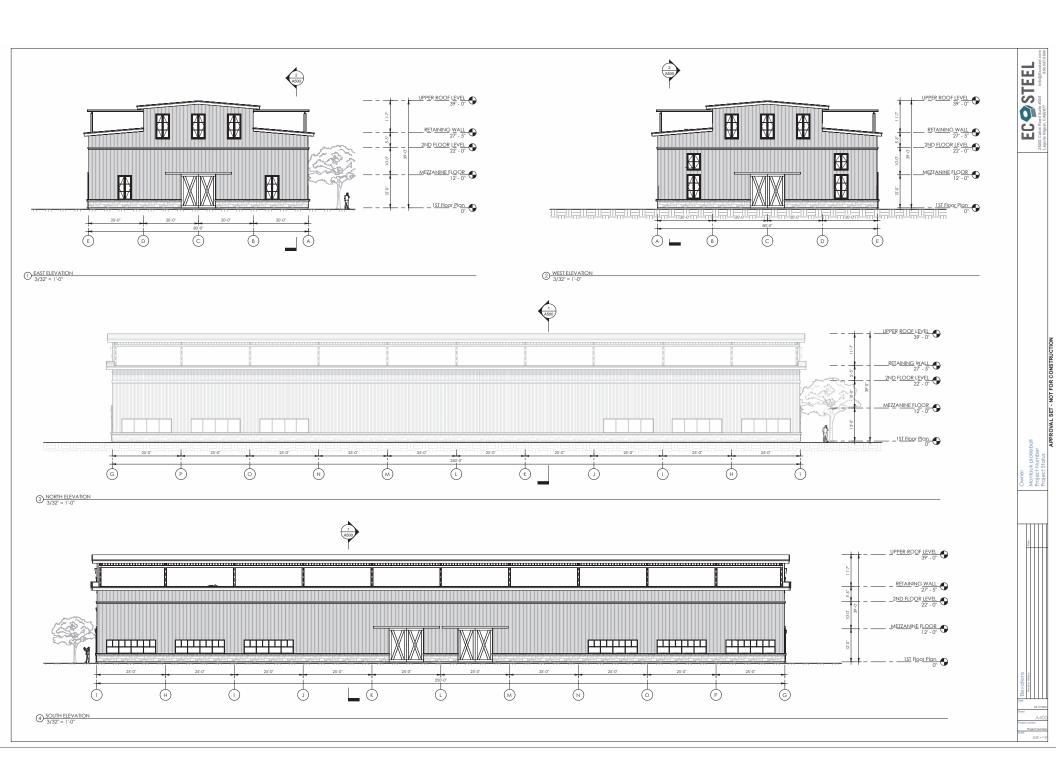


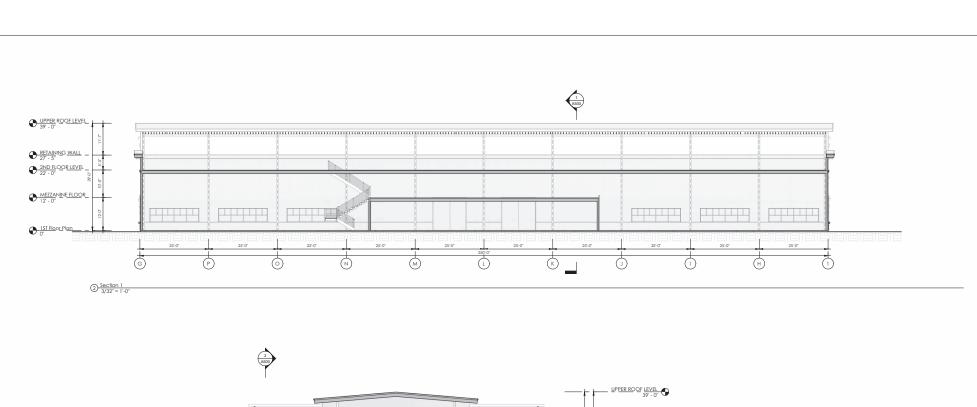
Owner
Montauk pickleball
Project Number
Project Status

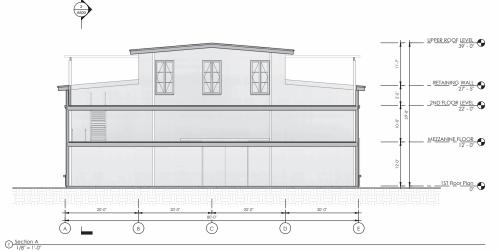




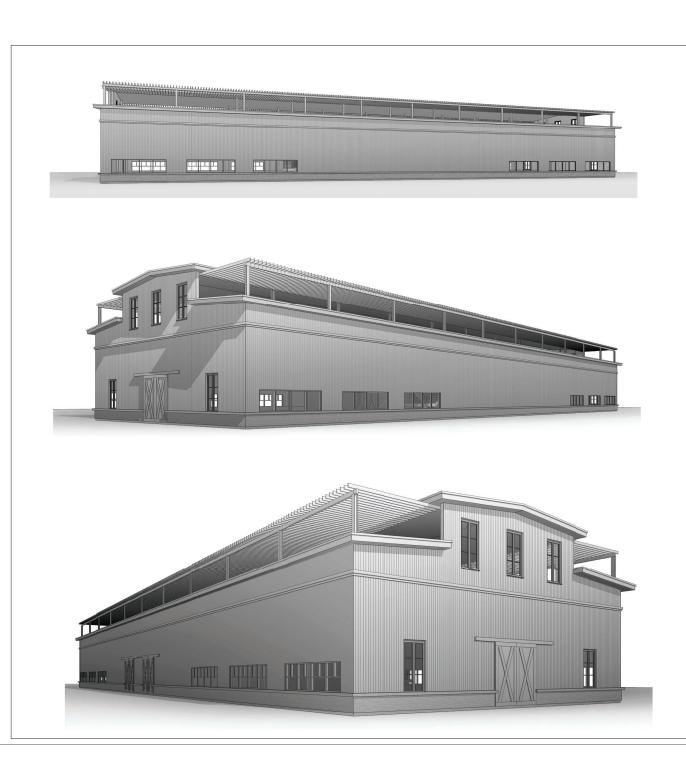














Nontauk pickleball Project Number Project Status

Perspective views

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Project number