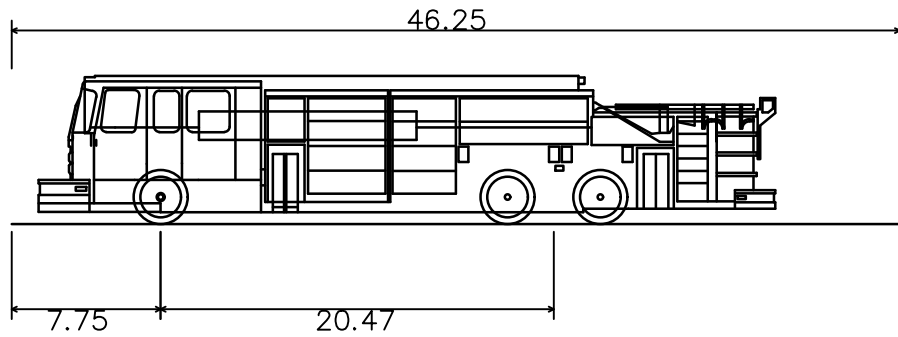


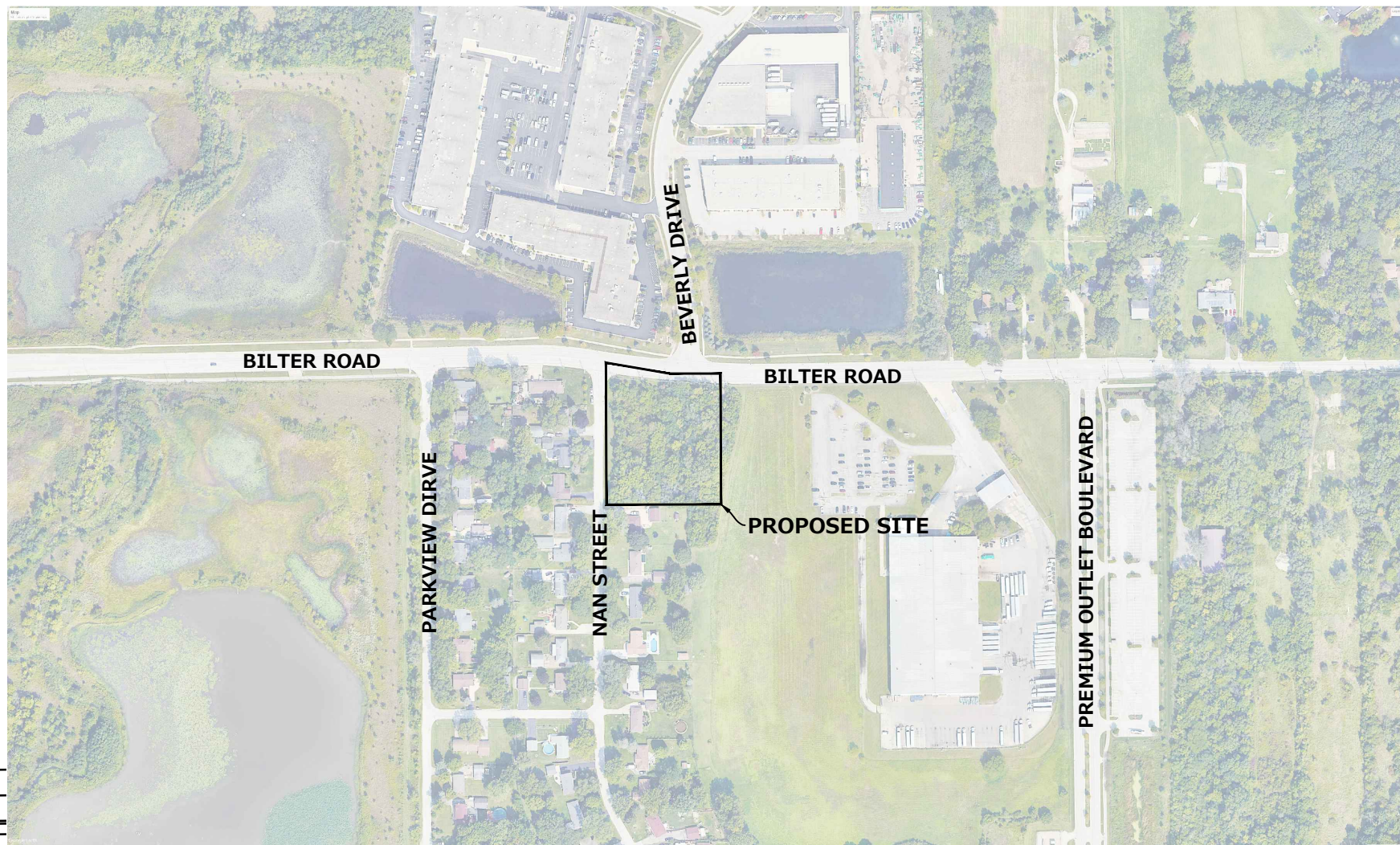
9/2/2024 9:27 AM - Z:\Projects\2023\178.00-IL-600 - CAD\FINAL EXHIBITS\2024-08-23\Final Plan For Fire Station
DESIGNED: JAM
REVIEWED: JKB
DATE: 09/02/2024



AURORA FIRE TRUCK
Overall Length 46.25ft
Overall Width 7.75ft
Overall Body Height 20.47ft
Min Body Ground Clearance 7.75ft
Track Width 8.00ft
Lock-to-lock time 6.00s
Max Wheel Angle 40.70°

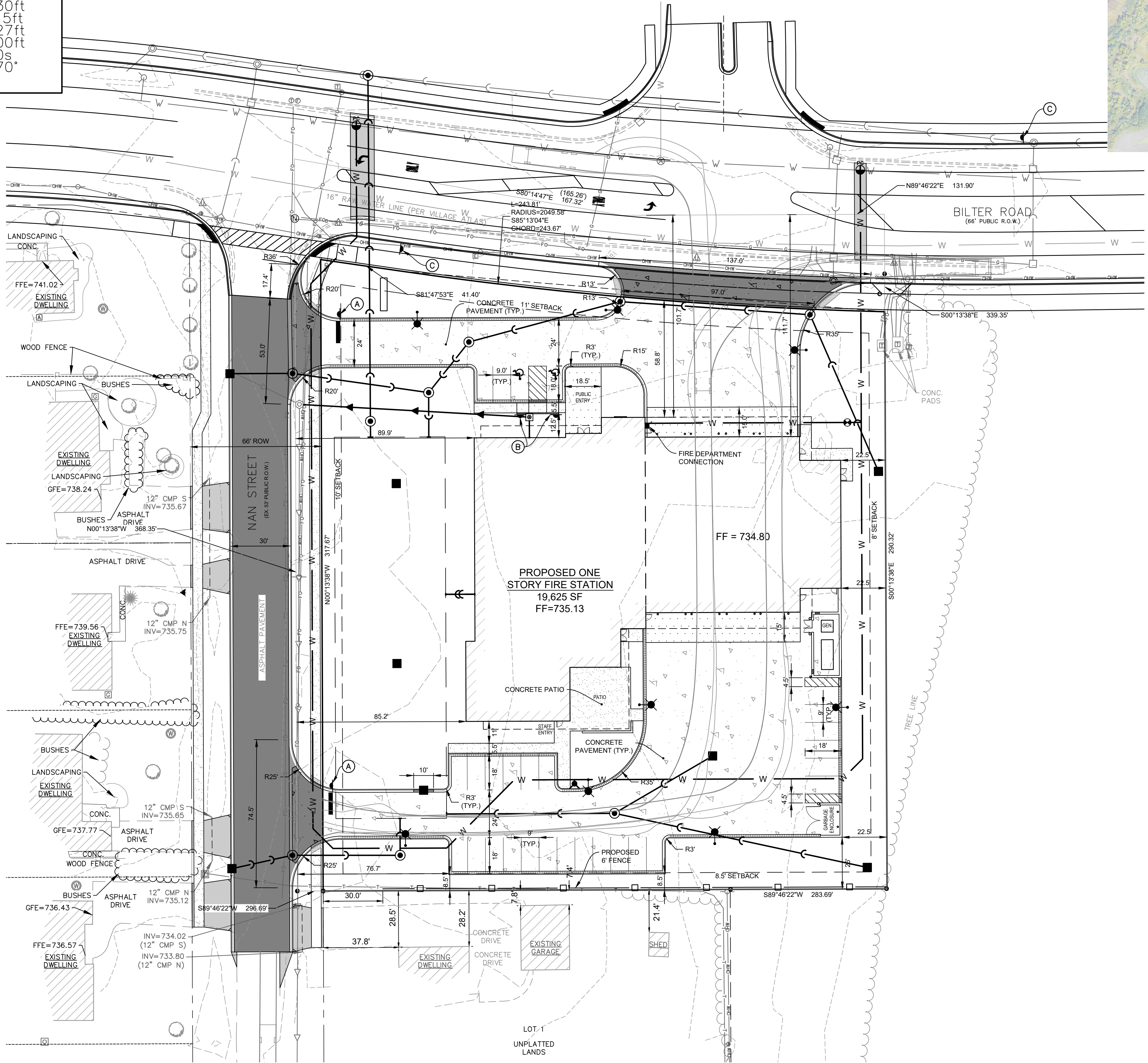
FINAL PLAN FOR FIRE STATION NO. 13

SOUTHEAST CORNER OF BILTER ROAD AND NAN STREET



LOCATION MAP
SCALE: 1"=400'

LEGEND		
	EXISTING	PROPOSED
SANITARY MANHOLE	⊙	⊙
STORM MANHOLE	⊙	⊙
CATCH BASIN	○	●
INLET	□	■
PRECAST FLARED END SECTION	△	▲
CONCRETE HEADWALL	⊗	⊗
VALVE VAULT	⊗	⊗
VALVE BOX	⊗	⊗
FIRE HYDRANT	⊗	⊗
BUFFALO BOX	⊗	⊗
CLEANOUT	⊗	⊗
SANITARY SEWER	—	—
FORCE MAIN	—	—
STORM SEWER	—	—
STORM SEWER PVC	—	—
WATER MAIN	—	—
UTILITY CROSSING	—	—
GRANULAR TRENCH BACKFILL	—	—
LIGHTING	—	—
ELECTRICAL CABLE	—	—
ELECTRICAL TRANSFORMER OR PEDESTAL	—	—
POWER POLE	—	—
POWER POLE WITH LIGHT	—	—
GUY WIRE	—	—
STREET SIGN	—	—
GAS MAIN	—	—
TELEPHONE LINE	—	—
FIBER OPTIC LINE	—	—
OVERHEAD WIRE	—	—



LEGEND	
CONCRETE PAVEMENT / APRON / TRASH AREAS	
8" PORTLAND CEMENT CONCRETE (NO FLY ASH, LOW CHERT MIX) WITH 2 LAYERS OF 6"X6" (W1.4 X W1.4) WWF COMPACTED CA-6 AGGREGATE BASE COURSE, TYPE B (WHERE CONCRETE APRON IS ADJACENT TO CURB AND GUTTER, CONTRACTOR SHALL INSTALL NO. 6 DEFORMED 18" LONG (NON EPOXY) CURB TIE BARS @ 30" SPACING O.C. ***PAVEMENT SECTION SHALL BE PER GEOTECHNICAL ENGINEERS RECOMMENDATION OR PER OWNERS SPECIFICATION***	
SIDEWALK	
8" PORTLAND CEMENT CONCRETE THROUGH DRIVEWAY APRONS	
5" PORTLAND CEMENT CONCRETE	
4" COMPACTED CA-6 AGGREGATE BASE COURSE, TYPE B	
SNOW MELT PAVEMENT AND SIDEWALK	

STRIPING/SIGNAGE LEGEND	
R1-1 STOP SIGN (30"X30")	
R7-8 & R7-8P HANDICAP SIGN	
T550 EMERGENCY VEHICLE WARNING SYSTEM (TBD)	

SITE DATA	
TAX/PARCEL IDENTIFICATION	15-01-177-010
NUMBER(S) (PINS):	103,071 SF. - 2.366 ACRES
LOT AREA:	17,721 SF. - 0.407 ACRES
RIGHT OF WAY DEDICATION: (TO BILTER RD. & NAN ST.)	
NET DEVELOPED AREA:	85,350 SF. - 1.959 ACRES (100%)
LOT COVERAGE	
BUILDINGS	
AND PAVEMENT:	51,614 SF. - 1.185 ACRES (60.5%)
OPEN SPACE/LANDSCAPING:	33,736 SF. - 0.774 ACRES (39.5%)
LAND USE:	FIRE STATION, PARKING, UNDERGROUND STORMWATER DETENTION
CAR PARKING:	28 PERPENDICULAR STALLS (INCLUDING 2 ADA STALL)
BUILDING(S):	1
STORY(IES):	1
BUILDING FOOTPRINT:	19,625 SF.
FAR:	0.23

PETITIONER:	JIM BIRCHALL CHIEF PUBLIC FACILITIES OFFICER CITY OF AURORA 44 E. DOWNER PLACE AURORA, IL 60505 (630) 256-4636
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