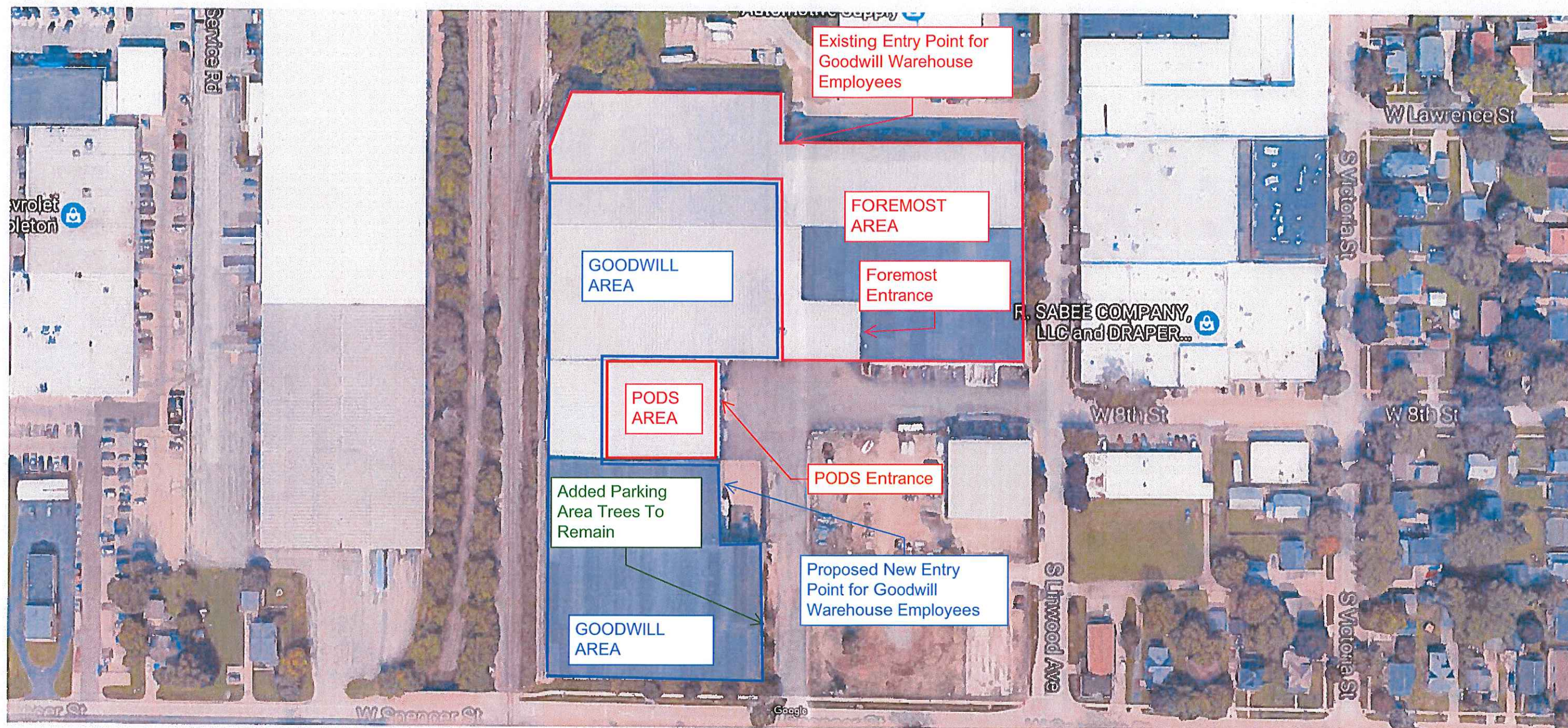




FOREMOST FACILITY

PROPOSED COOLER ALTERATION FOR -

APPLETON COOLER

APPLETON,

WISCONSIN

SPECIFICATION NOTES

A. GENERAL:

- All work and materials shall conform to the 2009 International Building Code as adopted by Wisconsin Code and all other applicable state and local codes. All work shall be performed in a complete and workmanlike manner.
- Provide adequate clearances from power lines and other hazards. Notify all affected utility companies to locate existing lines. Provide at least three working days notice if any remarking of utility locations is required.
- These drawings cover general construction of the building alteration only.
- Provide all necessary labor, materials, equipment, and services required to complete all work as specified or shown on these drawings.
- Building is designed as Type II-B Construction. Occupancy is storage, use Group S-1. The altered area is to be used as a storage cooler.

B. CONCRETE WORK:

- All concrete shall be placed in accordance with ACI 305, "Recommended Practice for Hot Weather Concrete", and ACI 308, "Recommended Practice for Cold Weather Concrete".
- All floor slab concrete shall have a minimum compressive strength of 3500 PSI at 28 days, with a maximum 3/4" aggregate size. All interior concrete shall contain 2% air entrainment. All exterior walls, slabs, and curbs shall have a minimum compressive strength of 4000 PSI at 28 days and shall contain 6% plus or minus 1% air entrainment. No concrete shall be placed with a slump exceeding 4 inches (3 1/2 inches for floor slabs), unless pumped.
- Use of admixtures shall be in accordance with ASTM C494-77, "Specifications for Chemical Admixtures for Concrete". Air entraining admixtures, as required above, shall be in accordance with ASTM C250. Water-reducing and set-retarding admixtures, such as Pozzolith brand by Master Builders Company, may be used in floor slab concrete. In no case shall cement content be reduced by more than 10%. Calcium chloride shall not be used as an accelerator. Fly ash shall not be used. The concrete supplier shall furnish Engineer a statement providing design mix data and sources of all materials used.
- All reinforcing steel shall conform to ASTM A615 Grade 60. Welded wire mesh shall conform to ASTM A185. All anchor bolts shall be A36 steel, furnished and installed by Concrete Contractor. Lap all horizontal reinforcing, at splices and around corners, 36 bar diameters. All reinforcing shall be placed in accordance with CRSI "Recommended Practice for Placing Reinforcing Bars", latest edition. Keep all reinforcing steel free from dirt, rust, scale, greases, and oil.
- Provide keyway or doweled construction joints between adjacent pours. Provide sawcut control joints, 3/16 inches wide by 1 1/4 inches deep, and ribbon control joints at spacings shown on foundation plan.
- Provide 3 inches clear cover under all reinforcing bars in concrete cast against soil. Welded wire mesh shall be placed 2 inches below top of concrete floor slabs.
- Curing of interior and exterior concrete flatwork may be accomplished by application of a one-coat liquid membrane-forming curing compound. Follow Manufacturer's recommendations. Apply compound to concrete pours as soon as the water film disappears, while surface is still moist.

- All formwork shall be constructed and erected in accordance with ACI 347, "Recommended Practice for Concrete Formwork". Side forms shall be used for all footings; vertical earth cuts shall not be used. Forms shall be kept clean at all times. Form oil shall be applied to wall forms prior to erections to prevent contact with footings and steel reinforcement.

C. STRUCTURAL STEEL:

- All structural steel pipe shall be ASTM A53, Type E or S, Grade B.
- All anchor bolts, plates, angles, and channels shall be A36 steel.
- Comply with applicable provisions of the following codes and standards:
 - American Iron and Steel Institute (AISI)
 - American Institute of Steel Construction (AISC)
 - American Welding Society (AWS) D1.3 Structural Welding Code/Sheet Steel

D. FINISH ITEMS:

- Provide cooler doors for all doors in cooler walls per plans.
- All doors, windows, and frames as shown on drawings. All required exit doors shall have illuminated exit signs and exit hardware in accordance with Wisconsin Enrolled Commercial Building Code Chapter 10, section 1003.2.10.
- Interior finishes shall comply with 2009 IBC Chapter 8.
- Paint all exposed surfaces. Architect will select from standard colors and finishes available. Do not paint prefabricated items, concealed surfaces, finished metal surfaces, operating parts, and lobes. Protect work of other trades. Remove spattered paint by washing and scraping. Touch up and restore damaged or defaced painted surfaces.
- Insulation shall be as noted on drawings.

E. ROOFING WORK:

- Furnish and install a 60 mil fully adhered roof system.
- Furnish and install one layer of expanded polystyrene between and over the flutes of the metal roof. Furnish and install polyisocyanurate insulation per plans.
- Provide and install sheet metal flashing and trim to withstand wind loads, structural movement, thermally induced movement, and exposure to weather without failing.
- Provide products recommended by manufacturers to be fully compatible with indicated substrates. Provide separation materials as required to eliminate contact between incompatible materials.
- Provide single-ply membrane manufacturer's systems warranty agreement.

F. HVAC WORK:

- Covered under separate contract.

G. ELECTRICAL WORK:

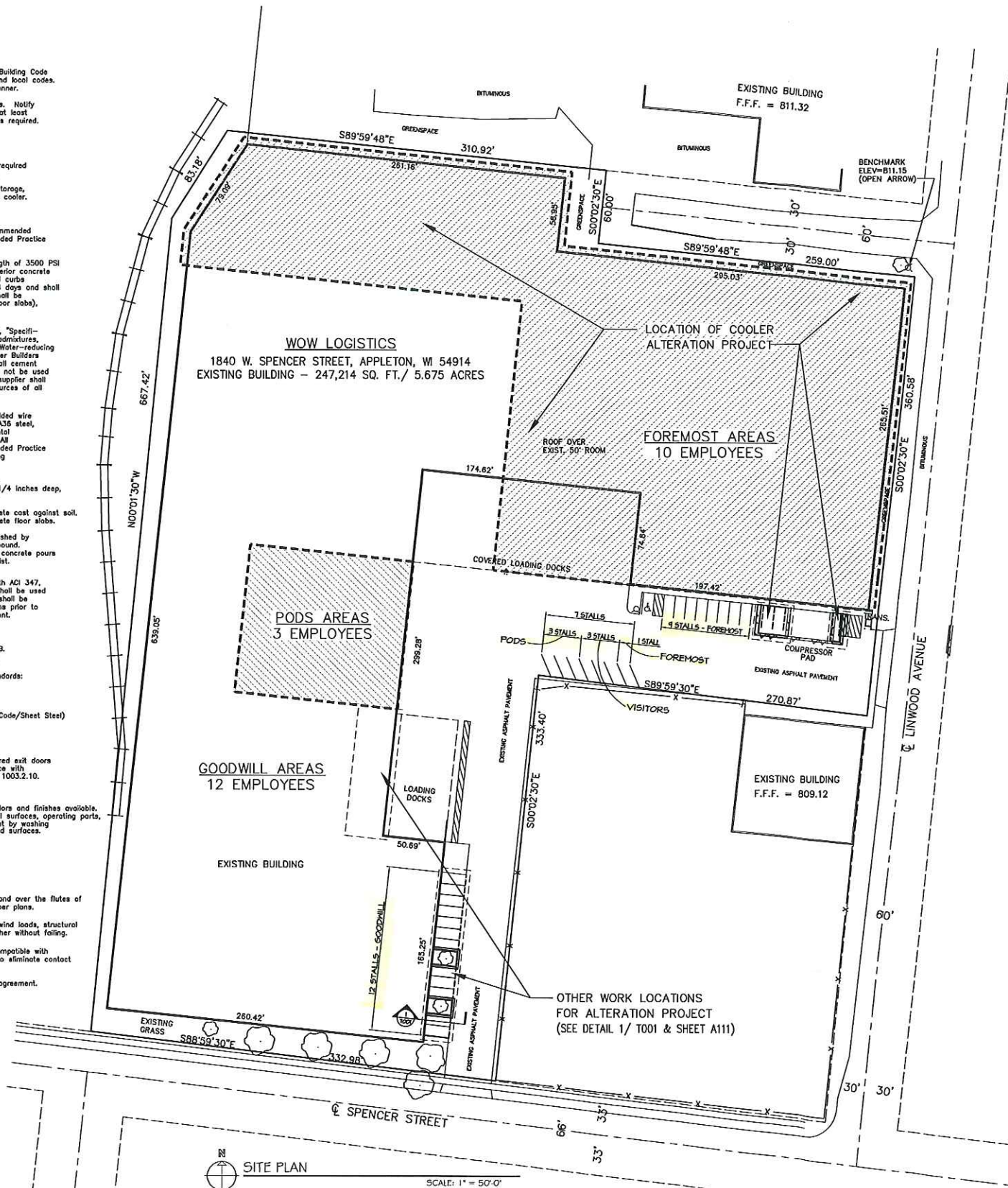
- Covered under separate contract.

H. PLUMBING WORK:

- Covered under separate contract.

J. FIRE PROTECTION WORK:

- Covered under separate contract.
- Building is fully sprinklered.



SITE PLAN

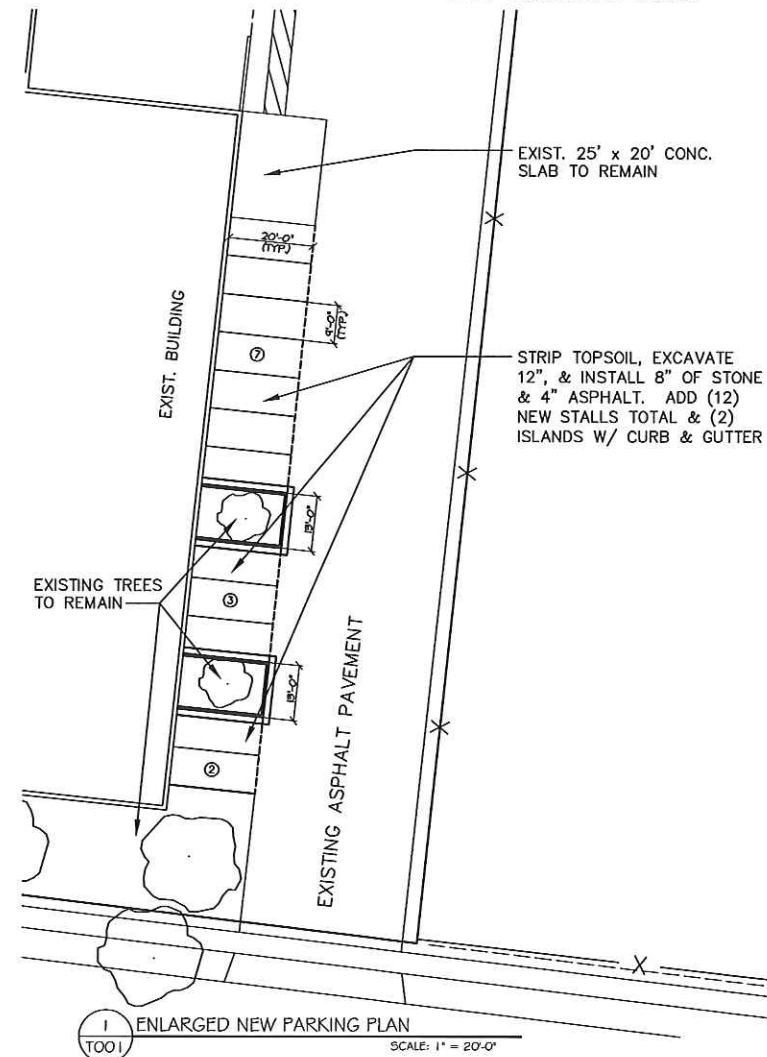
SCALE: 1" = 50'-0"



SCALE: 1" = 50'

LEGEND

- TELEPHONE PEDESTAL
- EXISTING 3/4" STEEL REBAR
- STORM SEWER MANHOLE AND NUMBER
- SANITARY SEWER MANHOLE AND NUMBER
- BORING LOCATION AND NUMBER
- DECIDUOUS TREE
- CONIFER TREE
- STUMP
- POWER POLE
- POWER AND LIGHT POLE
- HYDRANT
- OVERHEAD CABLE
- UNDERGROUND WATERMAIN
- UNDERGROUND GASMAIN
- UNDERGROUND TELEPHONE
- FENCE
- STORM SEWER AND SIZE
- SANITARY SEWER AND SIZE
- FINISHED FIRST FLOOR(ELEVATION)
- PROPOSED DRAINAGE DIRECTION
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION



ENLARGED NEW PARKING PLAN

SCALE: 1" = 20'-0"

STATE INFORMATION

SITE ID. = 160430
 SITE NAME = WOW APPLETON COOLER
 SITE ADDRESS = 1840 W. SPENCER ST., APPLETON 54914
 SITE MUNICIPALITY & COUNTY = CITY OF APPLETON, OUTAGAMIE COUNTY
 TRANSACTION ID. = 2012661
 APPOINTMENT DATE = MONDAY, DECEMBER 12, 2016
 ASSIGNED REVIEWER = DONALD L. DIEDRICK
 ASSIGNED OFFICE = GREEN BAY, WISCONSIN

CODE SUMMARY

BUILDING TYPE = BUILDING ICC
 OCCUPANCY TYPE = GROUP S-1 (STORAGE MODERATE-HAZARD)
 CONSTRUCTION CLASS = TYPE IIB METAL FRAME UNPROTECTED
 BUILDING CODE = CMR 61 & 62
 MECHANICAL CODE = CMR 64
 PLUMBING CODE = DLMR CHAPTER 21-63
 ELECTRICAL CODE = CMR 63
 GROUND SNOW LOAD = 40 PSF ZONE I
 ROOF LIVE LOAD = 20 PSF REDUCIBLE
 COLLATERAL LOAD = 3 PSF
 WIND LOAD = 90 MPH
 SPRINKLERED BUILDING = NET & DRY

INDEX OF DRAWINGS

T001 TITLE SHEET/ SITE PLAN
 D101 ENLARGED DEMOLITION PLAN & DETAILS
 A101 OVERALL BUILDING PLAN
 A110 ENLARGED COOLER FLOOR PLAN
 A111 ENLARGED SECTION #1 OFFICE PLANS
 A301 BUILDING CROSS SECTIONS
 A302 WALL SECTIONS
 A501 ARCHITECTURAL DETAILS
 A801 ENLARGED ROOF PLAN

Phone: 920-757-0999
 Fax: 920-757-1015



N1040 Craftsmen Drive
 Greenville, WI 54942

WOW LOGISTICS
 1840 W. SPENCER ST., APPLETON, WI
 TITLE SHEET/ SITE PLAN

NUMB.	DATE	REVISIONS:
1		
2		
3		
4		
5		

DRAWN BY: MJS
 APPROVED BY: MCR
 DATE: DECEMBER 12, 2016
 PROJECT NUMBER: 16-1627
 SCALE: AS NOTED

FROM ORIGINAL, 2016, AND ALL REVISIONS ARE SHOWN AND CANNOT BE DELETED. THIS IS A FULLY PROFESSIONAL ARCHITECTURAL DRAWING. UTSCHIG INC. 10100 WISCONSIN AVE. GREENVILLE, WI 54942

SHEET NUMBER
T001
 OF -

NUMBER	DATE	REVISIONS
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-

WOW LOGISTICS
1840 W. SPENCER ST., APPLETON, WI
OVERALL BUILDING PLAN

N1040 Craftsmen Drive
Greenville, WI 54942

UTSCHIG
DESIGN CONSTRUCTION DEVELOPMENT
Your Construction Solution!

Phone: 920-757-0999
Fax: 920-757-1015

Your Construction Solution!

