## INDUSTRIAL PARK COMMISSION

City of Kaukauna **Council Chambers** Municipal Services Building 144 W. Second Street, Kaukauna



Thursday, February 10, 2022 at 9:00 AM

#### **AGENDA**

HYBRID MEETING (May attend in-person or via Zoom) In-Person in Common Council Chambers, City of Kaukauna Remote Attendance option available via Zoom

- 1. Roll Call.
- 2. Approval of Minutes.
- Old Business.
- 4. New Business.
  - a. Site Plan Review 100 Kelso Road Velocity Water Expansion
  - b. Site Plan Review Oak Grove Road TANN Corporation
- 5. Other Business.
- 6. Adjourn.



#### **NOTICES**

# IF REQUESTED THREE (3) DAYS PRIOR TO THE MEETING, A SIGN LANGUAGE INTERPRETER WILL BE MADE AVAILABLE AT NO CHARGE.

#### **Zoom Meeting Information**

Topic: Industrial Park Commission

Time: Feb 10, 2022 09:00 AM Central Time (US and Canada)

Join Zoom Meeting

https://us02web.zoom.us/j/6512617664?pwd=amVDQXBNQVI4Y3IGMTVBOXN1cHZzZz09

Meeting ID: 651 261 7664

Passcode: 54130

Dial by your location

+1 312 626 6799 US (Chicago)

Meeting ID: 651 261 7664

Passcode: 54130



# **MEMO**

#### PLANNING AND COMMUNITY DEVELOPMENT

To: Industrial Park Commission

From: Joe Stephenson

Date: 02-10-2022

Re: Site Plan Review – Velocity Water Expansion – 100 Kelso Road

Keller Inc, on behalf of the property owners, has submitted a site plan review for the expansion of the Velocity Water Facility, located at 100 Kelso Road (New Prosperity Industrial Park). The applicant is proposing a 23,671 square foot expansion that will double the size of the existing build. The addition will include two truck bays, an employee patio, additional warehousing space, breakroom, and additional bathroom space. In addition, the applicant will be expanding their parking/drive aisle to improve traffic flow and accommodate increased parking needs.

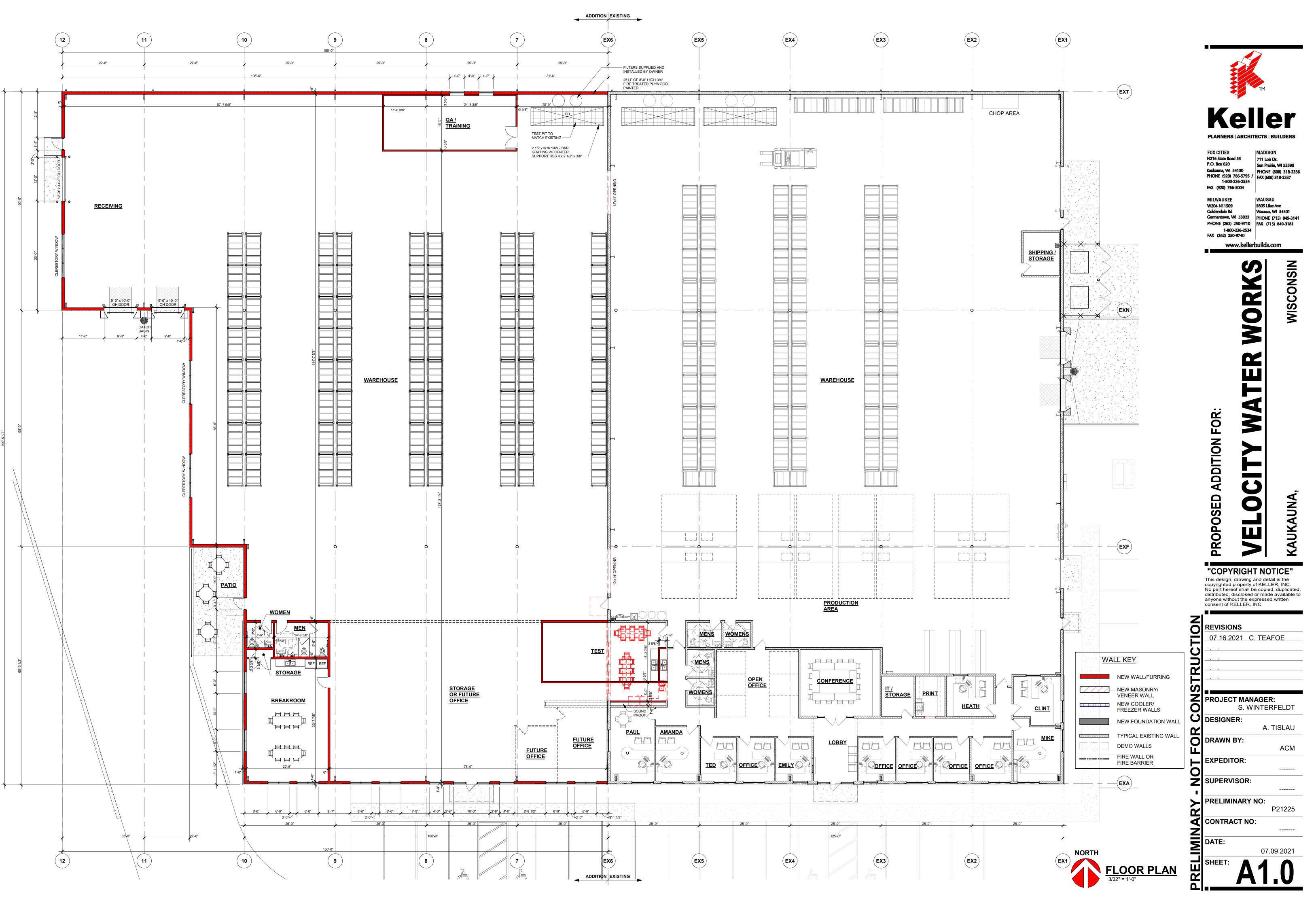
The expansion will look like the existing facility, with decorative split face, LP Smart siding, and EIFS being used throughout.

The site is zoned Industrial Park (IPD). With adjacent uses being Agriculture to the south, IPD to the north and east, and institutional (cemetery) to the west.

Landscaping requirements have been met. Greenspace and building density meet code. All parking requirements have been met, with 34 off street parking stalls. The total height of the building is 25' 9" (at the high side eave).

#### Recommendation:

Approval of the Site Plan for Velocity Water 100 Kelso Road, allowing an expansion of the existing facility.



Item 4.a.

















# **SHEET INDEX**

CONCEPTUAL SITE PLAN

**BUILDING ELEVATIONS** 

# **PROJECT INFORMATION**

# **APPLICABLE BUILDING CODE**

2015 INTERNATIONAL BUILDING CODE (WITH WISCONSIN AMENDMENTS) ASHRE STANDARD 90.1-2013

# **BUILDING CONTENT**

# **BUILDING & FIRE AREA SQUARE FOOTAGES**

FLOOR AREAS	EXISTING	NEW	SUB-TOTAL
SECOND FLOOR	S.F.	S.F.	S.F.
FIRST FLOOR	23,842 S.F.	23,671 S.F.	47,513 S.F.
CANOPIES (COLUMN SUPPORTED)	S.F.	S.F.	S.F.
BASEMENT	S.F.	S.F.	S.F.
BUILDING AREA SUB-TOTALS	23,842 S.F.	23,671 S.F.	47,513 S.F.
MEZZANINES	S.F.	S.F.	S.F.
FIRE AREA TOTALS	23,842 S.F.	23,671 S.F.	47,513 S.F.

HIGH PILE STORAGE FIRE ALARM SYSTEM

# **OCCUPANCY**

NON SEPARATED

# **CONSTRUCTION CLASSIFICATION**

TYPE IIB CONSTRUCTION SPRINKLED YES FIREWALL NO

# **ALLOWABLE AREA**

TABULAR FLOOR AREA ---,--- S.F. ---,--- S.F. FRONTAGE INCREASE: SPRINKLER INCREASE: ---,--- S.F. TOTAL ALLOWABLE AREA: ---,--- S.F. ALLOWABLE FIRE AREA: --,--- S.F.

# **BUILDING/SITE CONTENT**

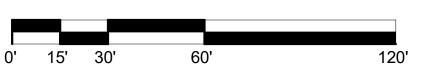
**BUILDING SIZE** HARD SURFACE **GREEN SPACE** PARCEL SIZE (APPROX.) -- STALLS (1 STALL/---.- S.F.) PARKING PROVIDED

# **ZONING INFORMATION**

REAR YARD SETBACK:

# THE MEMBERS OF THE PARTY OF THE PROPOSED ADDITION 23,671 SF EXISTING BUILDING 23,842 \$F 50'-0" BUILDING SETBACK Kelso Rd Kelso Rd





THE LOT DIMENSIONS AND BEARINGS SHOWN ON THIS PLAN WHEN AVAILABLE IS REQUIRED

# PROPOSED ADDITION FOR:

# VELOCITY WATER WORKS

KAUKAUNA,

**WISCONSIN** 



1-800-236-2534 FAX (262) 250-9740

www.kellerbuilds.con

WORI

**DDITION FOR:** 

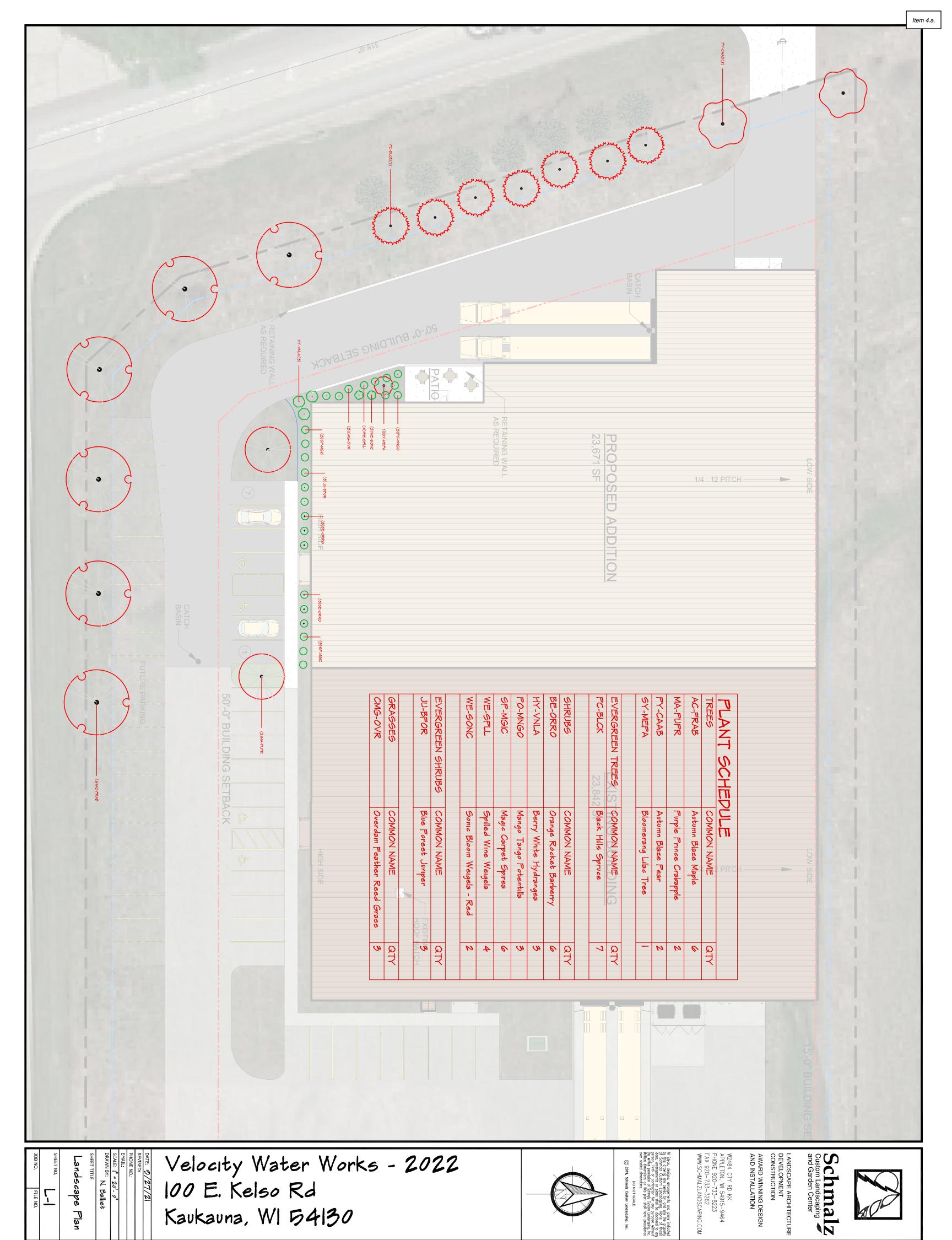
"COPYRIGHT NOTICE"

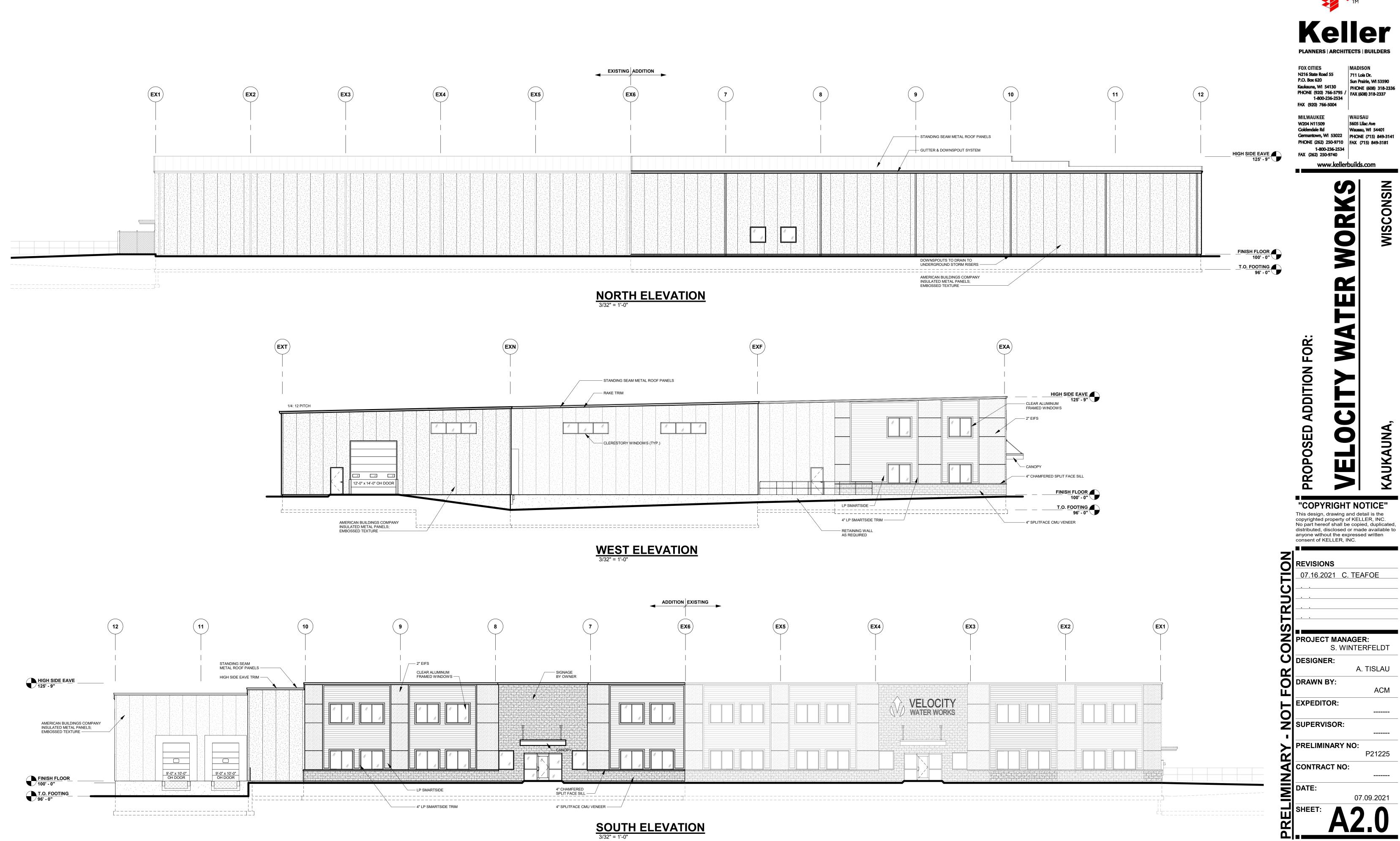
copyrighted property of KELLER, INC.

distributed, disclosed or made available to anyone without the expressed writter consent of KELLER, INC. 07.16.2021 C. TEAFOE

PROJECT MANAGER: S. WINTERFELDT **DESIGNER:** A. TISLAU DRAWN BY: **EXPEDITOR: SUPERVISOR:** PRELIMINARY NO:

07.09.2021





Z	
$\overline{O}$	REVISIONS
$\vdash$	07.16.2021 C. TEAFOE
$\subseteq$	
$\supseteq$	
<u>R</u>	
<u>ഗ</u>	
Z	PROJECT MANAGER:
O	S. WINTERFELDT
り	DESIGNER:
~	A. TISLAU
卞	DRAWN BY:
7	ACM
	EXPEDITOR:
<u>つ</u>	
Z	SUPERVISOR:
<b>&gt;</b>	PRELIMINARY NO:
~	P21225





# MEMO

### PLANNING AND COMMUNITY DEVELOPMENT

To: Industrial Park Commission

From: Joe Stephenson

02-10-2022 Date:

Site Plan Review - TANN Corporation - Oak Grove Road Re:

REI Engineering Inc, on behalf of the property owners, has submitted a site plan review for an Industrial Facility off of Oak Grove Road (New Prosperity Industrial Park). The applicant is proposing a 43,200 square foot Industrial Facility. The facility will occupy Lot 1 of CSM Map #8254, an 8.15 acre parcel previously owned by the City and sold to TANN Corporation for this development.

The site is zoned Industrial Park (IPD), with adjacent uses being Industrial (IND) to the north and Industrial Park (IPD) to the east, west and south.

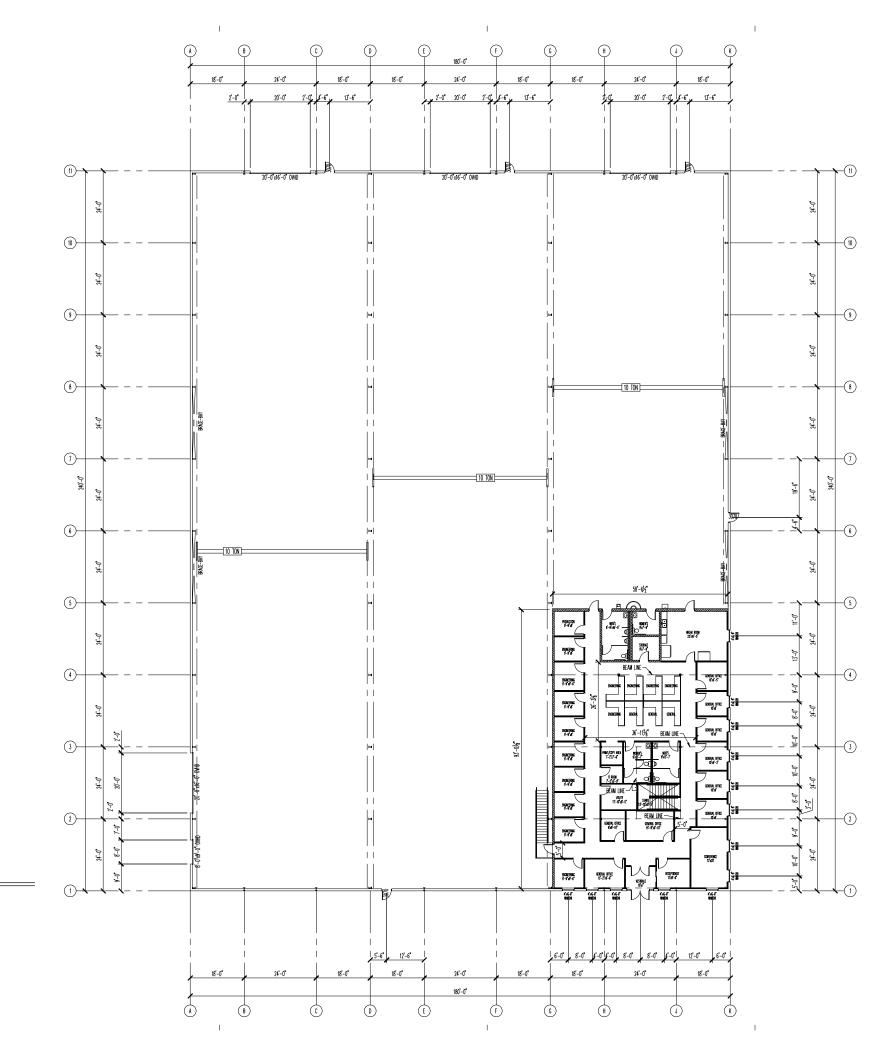
The façade of the building is Granit Stone Insulated Wall Panels.

Per New Prosperity Center Covenants, 11 shade trees are required on this property or planted at Van Epern Park in lieu of onsite plantings. The applicant has committed to either planting these trees on site or planting trees in Van Epern Park. The decision on where these trees will be placed is still forthcoming. Greenspace and building density meet code. All parking requirements have been met, with 74 off street parking stalls. The total height of the building is 43' 7.5" (at the high side eave).

#### Recommendation:

Approval of the Site Plan for TANN Corporation, off Oak Grove Road, allowing the construction of a new industrial facility with the following conditions:

- A stormwater management plan is submitted to and approved by the department of public works, prior to building permits issuance.
- Shade tree requirements are met, per New Prosperity Center Covenants, and approved by staff prior to building permit being issuance.



1 FLOOR PLAN A100 1/16" = 1'-0"

Item 4.b. urban construction company 5909 N 39th Avenue Wausau, WI 54401 TEL: 715-675-9425 FAX: 715-675-9781 Tann Corporation (New Location) Kaukauna, WI Proposed Building 4-21-2021 General Revision 4-29-2021 Added Office Layout 5 5-20-2021 Revised Office Layout 4 6-3-2021 Revised Office Layout DRAWING #: 21720
PROJECT #: Preliminary 1/13/2022 \_\_\_ for Bid 4:24 PM for Construction Floor Plan A100

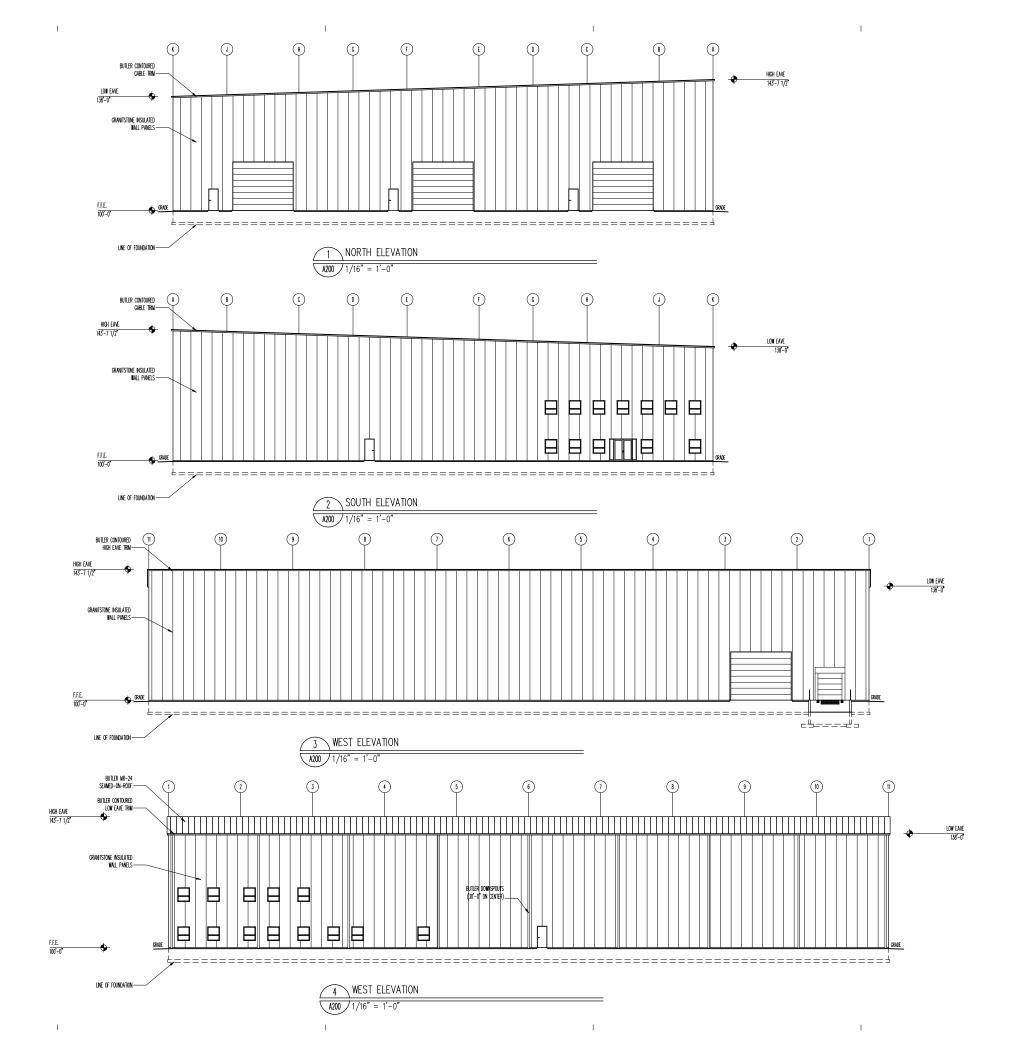
11

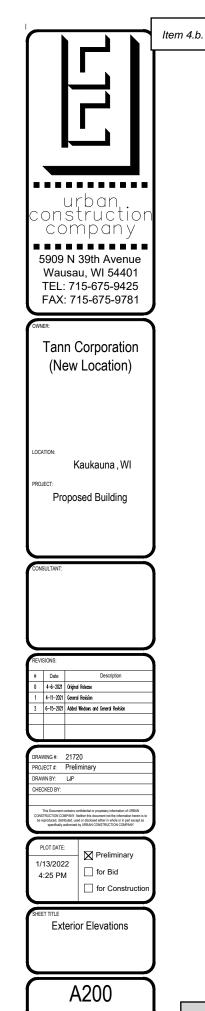
18'-0" 18'-0" 18"-0" 11) 10 9 8 6 5 4)-3)— 2 150 OFFICE 10 at 0-1 1 1 e-a 8-a 12-a 12-a 8-a 12-a 12-a 12-a 12-a 180'-0"

1 MEZZANINE PLAN
101 1/16" = 1'-0"

Item 4.b. urban construction company 5909 N 39th Avenue Wausau, WI 54401 TEL: 715-675-9425 FAX: 715-675-9781 Tann Corporation (New Location) Kaukauna, WI Proposed Building 0 4-29-2021 Original Release 1 5-20-2021 Revised Office Layout 2 6-15-2021 Added Windows and Offfice Sizes DRAWING #: 21720
PROJECT #: Preliminary RAWN BY: KW 1/13/2022 for Bid 4:25 PM Mezzanine Plan A101

12





SHEET COOL TITLE SHEET SHEET COIO EXISTING SITE CONDITIONS

SHEET CI00 SITE PLAN SHEET C200 GRADING & EROSION CONTROL PLAN

SHEET C300 UTILITY PLAN SHEET C800 SITE DETAILS

SHEET C810 EROSION CONTROL DETAILS SHEET C820 UTILITY DETAILS SHEET C900 SITE SPECIFICATIONS

TOTAL SHEETS = 9

LIST OF STANDARD ABBREVIATIONS AUGER BORING AVERAGE DAILY TRAFFIC ADT BOTTOM OF CURB ROC BACK OF CURB BOTTOM OF RAME BOTTOM OF STEPS BOTTOM OF WALL CB CATCH BASIN CORRUGATED METAL ARCH CULVERT CMAC CMBC CORRUGATED METAL BOX CULVERT CORRUGATED METAL PIPE CO CLEANOUT CONC. CONCRETE CORRUGATED PLASTIC PIPE DGB DENSE GRADED BASE DIP DUCTILE IRON PIPE D/S DOWNSTREAM (E) ELEVATION ELEV. EDGE OF GRAVEL FINISHED FLOOR ELEVATION FFE FINISH GRADE F.0. FIBER OPTIC INL HDPE INLET HIGH DENSITY POLYETHYLENE PIPE HOT MIX ASPHALT HMA HIGH POINT INVERT ELEVATION LINEAL FEET MEG MATCH EXISTING GRADE MANHOLF (N) NORTH (NE) NORTHEAST NORTHWEST (NW) OVERHEAD POINT OF CURVATURE POLYETHYLENE PIPE P/L PROPERTY LINE POWER POLE POINT OF TANGENCY PVC POLYVINYL CHLORIDE PIPE REINFORCED CONCRETE BOX CULVERT RCP REINFORCED CONCRETE PIPE RAII ROAD R/W RIGHT OF WAY (S) SOUTH SAN SANITARY SEWER SOIL BORING SS STM STORM SEWER STORM (SW) SOUTHWEST TOP OF CURB

TITLE WORK REQUIRED TITLE WORK FOR THE PROJECT SITE WAS NOT PROVIDED TO REI FOR REVIEW, THEREFORE REI WAS UNABLE TO VERIFY THE EXISTENCE OF EASEMENTS OR USE ENCUMBRANCES.

INFORMATION SHOWN WITH RESPECT TO EXISTING UNDERGROUND FACILITIES IS BASED ON INFORMATION AND DATA FURNISHED BY THE OWNER OF SUCH UNDERGROUND FACILITIES. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO COMMENCING ANY WORK. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITY FACILITIES.

# **REVIEW PLANS FOR:** TANN CORPORATION



# **NOT FOR**



TOLL FREE: 8II OR (800) 242-85II HEARING IMPAIRED: TDD (800)542-2289 EMERGENCY ONLY: (877) 500-9592 www.DIGGERSHOTLINE.COM

### CITY OF KAUKAUNA ENGINEERING

#### 144 W. SECOND STREE P.O. BOX 890 KAUKAUNA, WISCONSIN 54130 (920) 766-6305

#### KAUKAUNA PUBLIC WORKS 207 REAUME AVENUE P.O. BOX 890 KAUKAUNA, WISCONSIN 54130 (920) 766-6337

WISCONSIN DEPARTMENT OF NATURAL RESOURCES

625 E COUNTY ROAD Y, SUITE 700 OSHKOSH, WISCONSIN 5490I-973I (920) 424-7885

#### EXISTING STORM SEWER MANHOLE EXISTING SANITARY SEWER MANHOLE EXISTING HYDRANT EXISTING WATER VALVE EXISTING UTILITY POLE EXISTING LIGHT POLE EXISTING WATER SHUTOFF EXISTING DECIDUOUS TREE EXISTING CONIFEROUS TREE EXISTING GAS VALVE EXISTING CURB INLET EXISTING WELL TEST PIT LOCATION SOIL BORING EXISTING AIR CONDITIONING UNIT EXISTING GAS METER EXISTING ELECTRIC METER EXISTING LITH ITY PEDESTAL EXISTING RAILROAD TRACKS EXISTING TREE LINE EXISTING GUY POLE **EXISTING CABLE TV** EXISTING FIBER OPTIC CABI F EXISTING UNDERGROUND GAS EXISTING UNDERGROUND ELECTRIC EXISTING UNDERGROUND TELEPHONE EXISTING OVERHEAD UTILITIES EXISTING WATER MAIN EXISTING STORM SEWER EXISTING SANITARY SEWER EXISTING PROPERTY LINE PROPOSED HANDICAP PARKING PROPOSED CURB STOP PROPOSED HYDRANT PROPOSED WATER VALVE PROPOSED SANITARY SEWER PROPOSED STORM SEWER F.M. PROPOSED FORCE MAIN —SAN: LAT. — PROPOSED SANITARY SEWER LATERAL PROPOSED WATER LATERAL PROPOSED WATER MAIN PROPOSED PUMP STATION PROPOSED SANITARY MANHOLE PROPOSED STORM MANHOLE PROPOSED CURB INLET PROPOSED CATCH BASIN PROPOSED CLEANOUT PROPOSED DRAINAGE FLOW PROPOSED SLOPE PROPOSED CURB & GUTTER PROPOSED REJECT CURB & GUTTER ∃ PROPOSED MOUNTABLE CURB & GUTTER EXISTING GROUND CONTOUR(INTERVAL-I FT.) PROPOSED GROUND CONTOUR(INTERVAL-LET.) PROPOSED SPOT ELEVATION (TOP OF CURB) / I256.00 PROPOSED SPOT ELEVATION (BOTTOM OF CURB) PROPOSED SILT FENCE PROPOSED INLET PROTECTION PROPOSED RIPRAP PROPOSED EROSION MAT - PROPOSED SAWCUT - PROPOSED DRAINAGE SWALE

LEGEND

BENCHMAR

I" IRON BAR EXISTING MANHOLE EXISTING TELEPHONE MANHOLE

## OWNER: TANN CORPORATION

#### SURVEYOR: REI ENGINEERING. INC.

4080 N. 20TH AVENUE (715) 675-9784

#### ENGINEER: REI ENGINEERING, INC.

4080 N. 20TH AVENUE WAUSAU, WI 54401 (715) 675-978/ PROJECT MANAGER JIM J. BORYSENKO, P.E

#### APPROVING AUTHORITIES:

CITY OF KAUKAUNA DSPS

### REI Engineering, INC.

4080 N. 20TH AVENUE WAUSAU, WISCONSIN 54401 PHONE: 715.675.9784.FAX: 715.675.4060 EMAIL: MAIL@REIENGINEERING.COM

TLE

U/S

VAR.



TO BE REMOVED

TEST PIT

TYPICAL

TOP OF RAME

TOP OF STEPS

TOP OF WALL

LIPSTREΔM

VARIES

TEMPORARY I IMITED FASEMENT

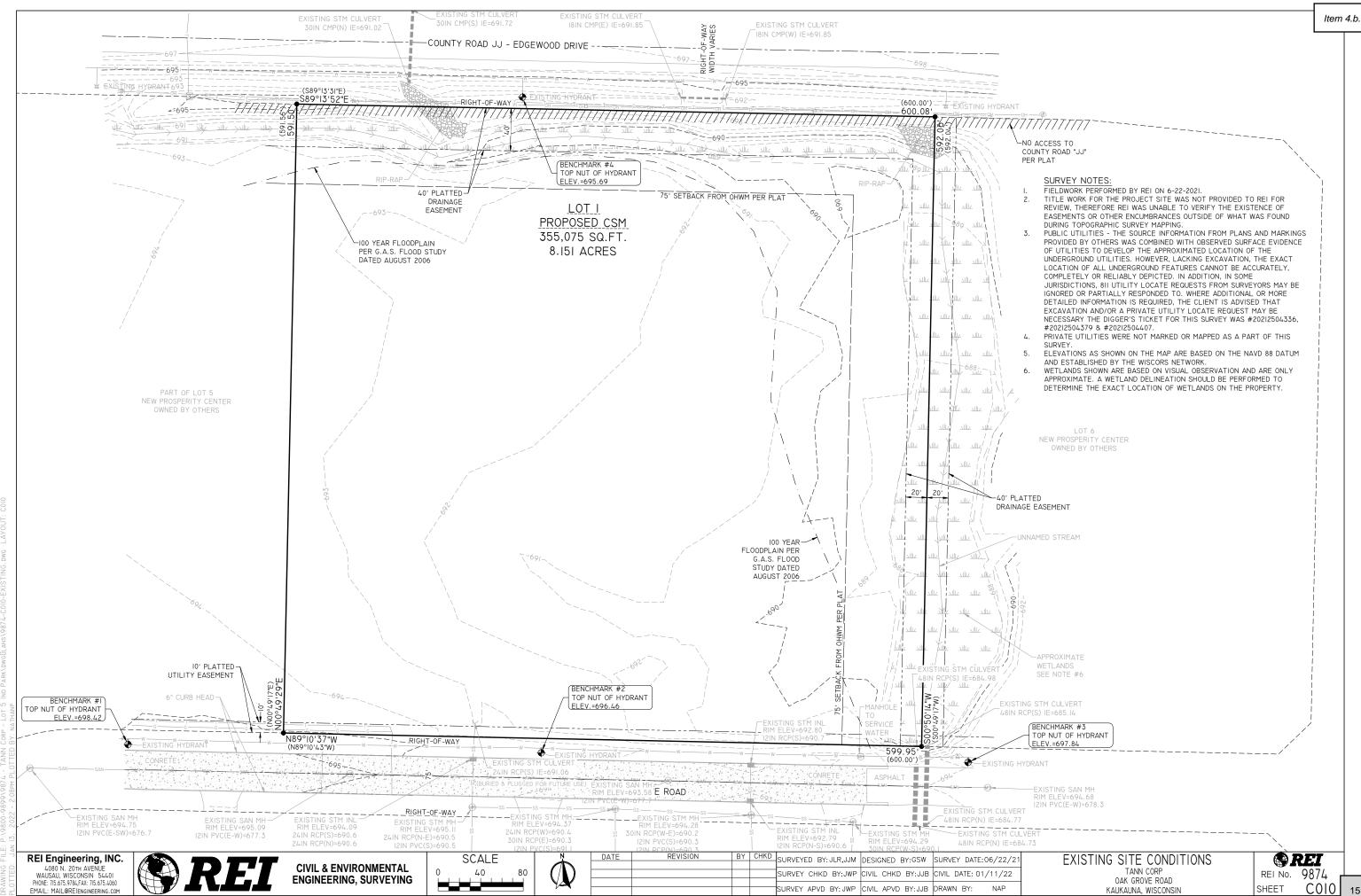
TOP NUT FIRE HYDRANT

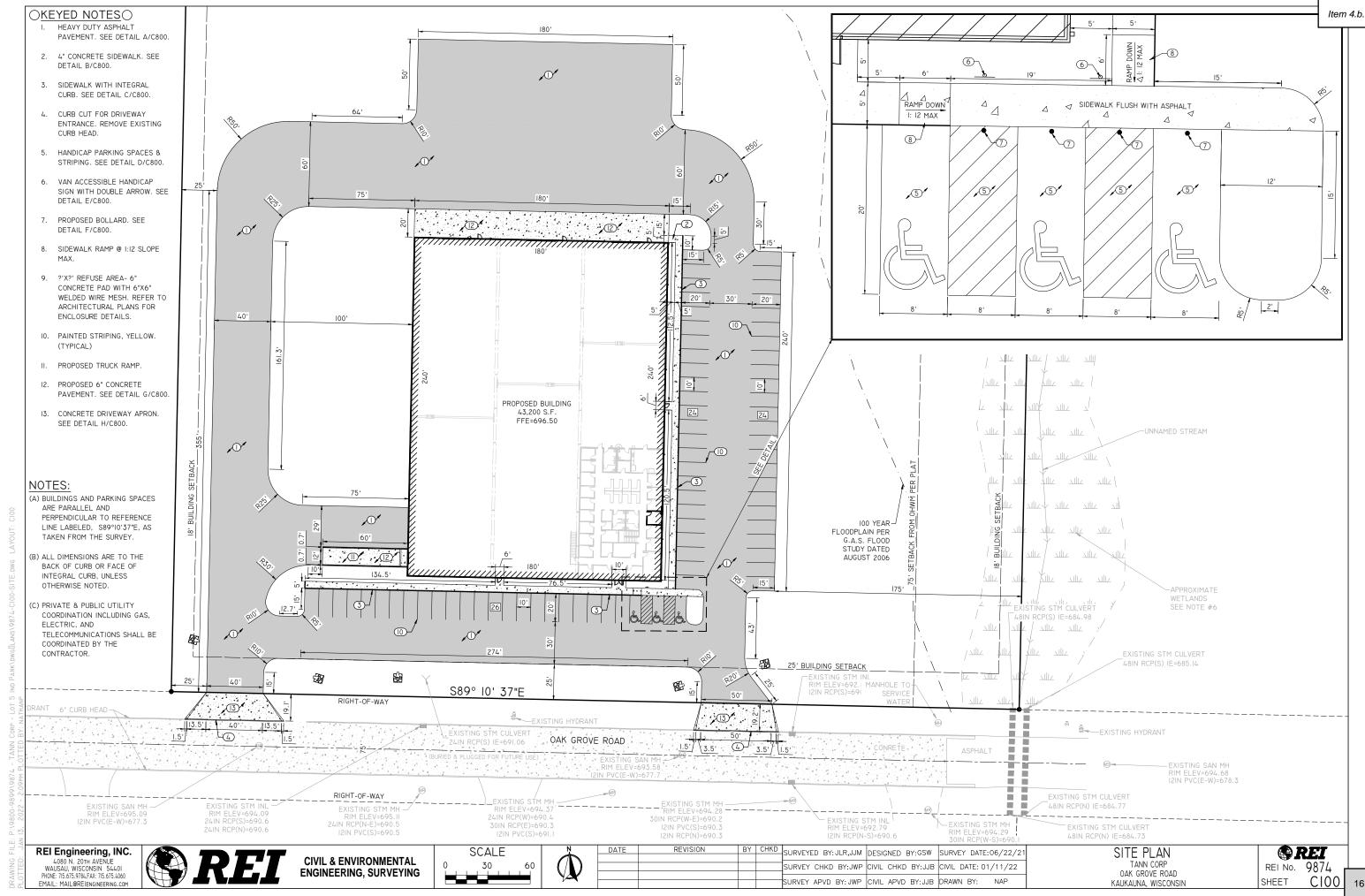
**CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING**  NO SCALE

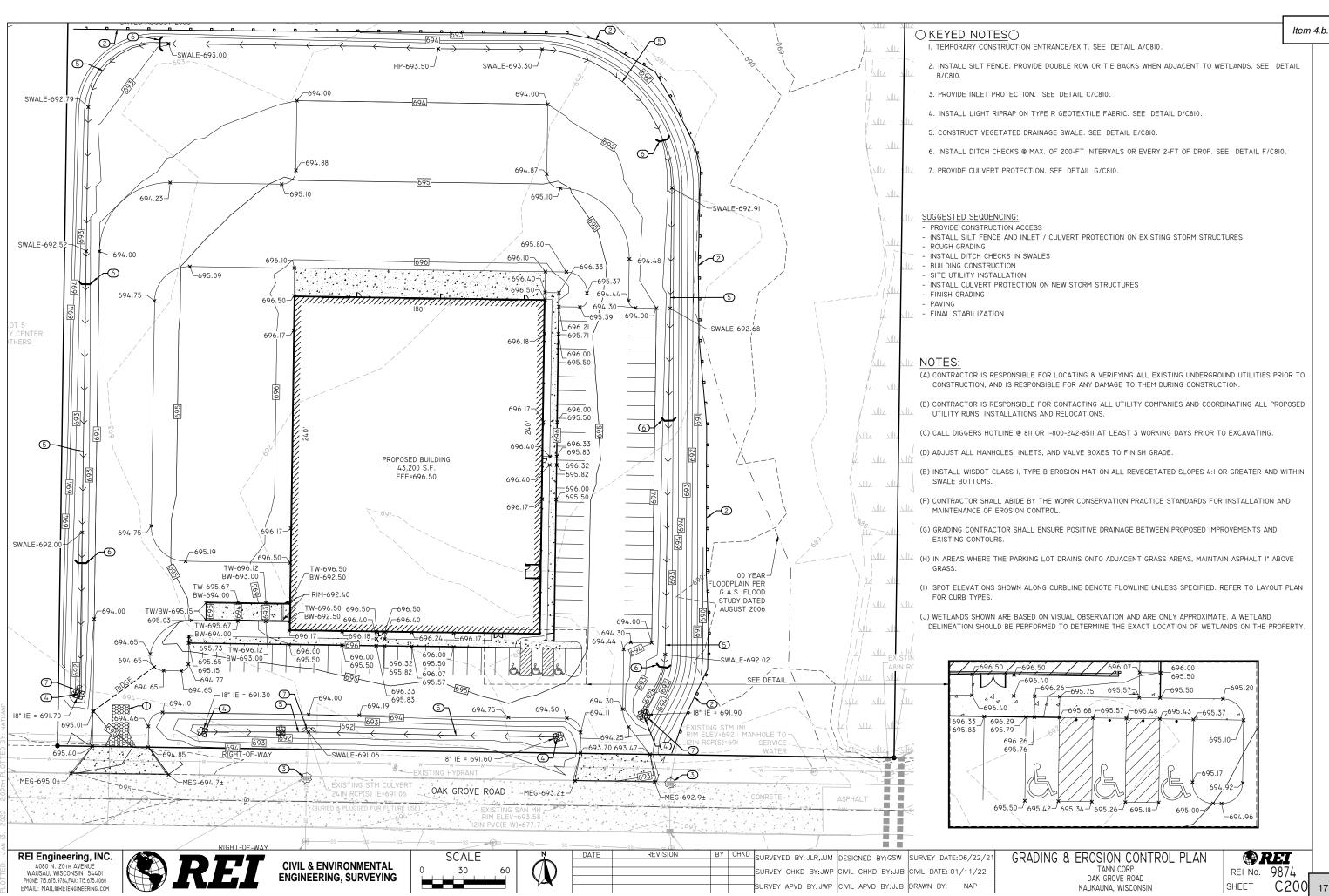
Ņ	DATE	REVISION	BY	CHKD	SURVEYED BY: JI R .L.	IM DESIGNED	RV-GSW	SURVEY DATE:06/22/2
					SORVETED BI: GER, GO	WI DESIGNED	D1.00W	SORVET BATE:00/ 22/ 2
					SURVEY CHKD BY:JV	VP CIVIL CHKI	BY:JJB	CIVIL DATE: 01/11/22
							. 514 115	554441 57 145
, ,					SURVEY APVD BY:JW	P CIVIL APVI	BY:JJB	DRAWN BY: NAP

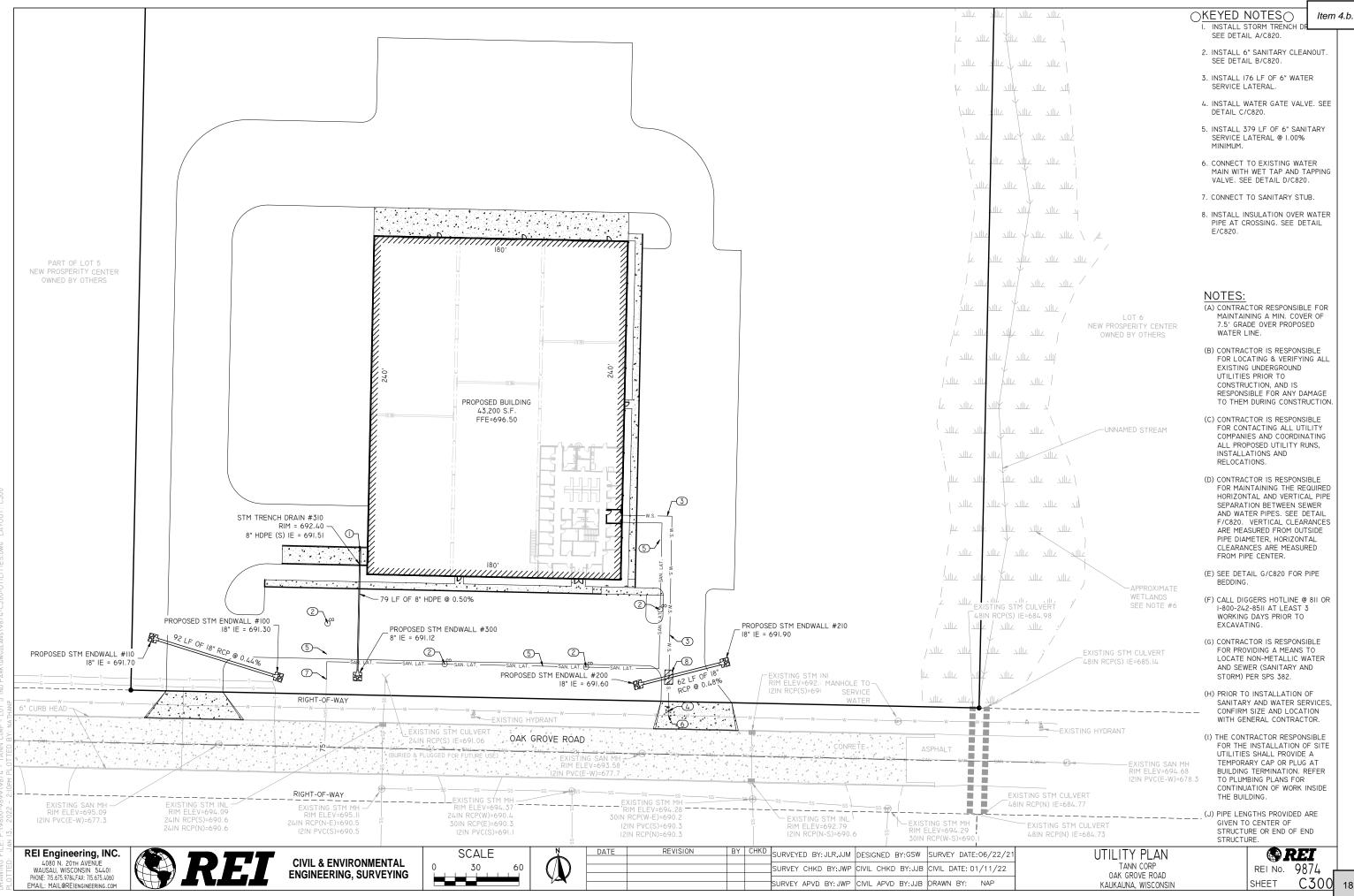
TITLE SHEET OAK GROVE ROAD KAUKAUNA, WISCONSIN

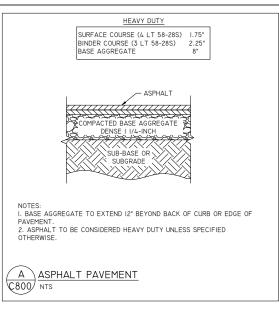


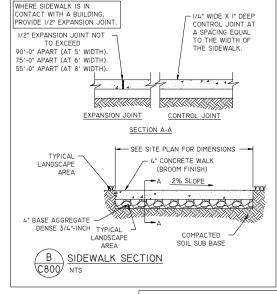


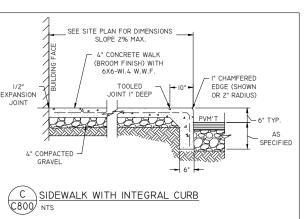


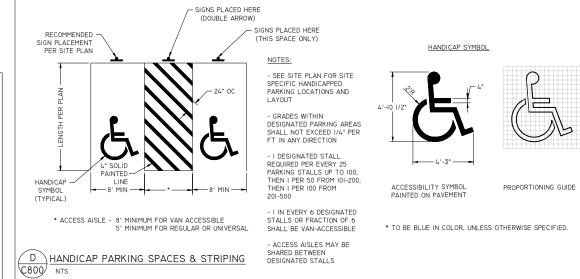


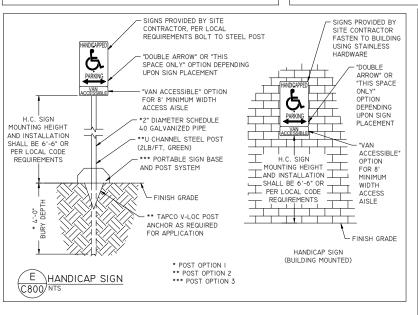


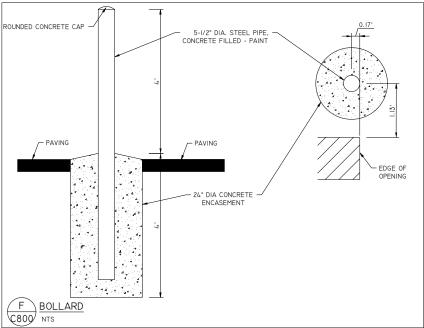


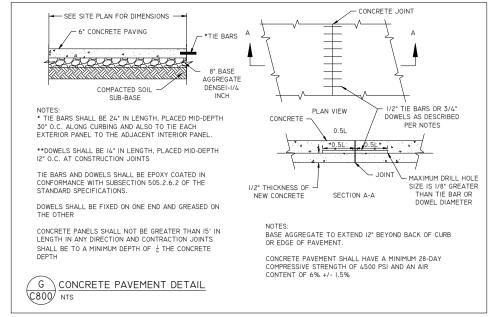


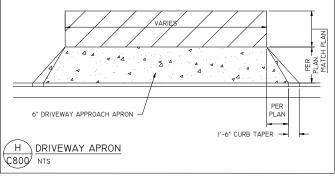


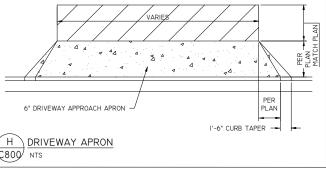












REI Engineering, INC.

4080 N. 20TH AVENUE WAUSAU, WISCONSIN 54401 PHONE: 715 675 9784 FAX: 715 675 4060 EMAIL: MAIL@REIENGINEERING.COM



**CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING** 

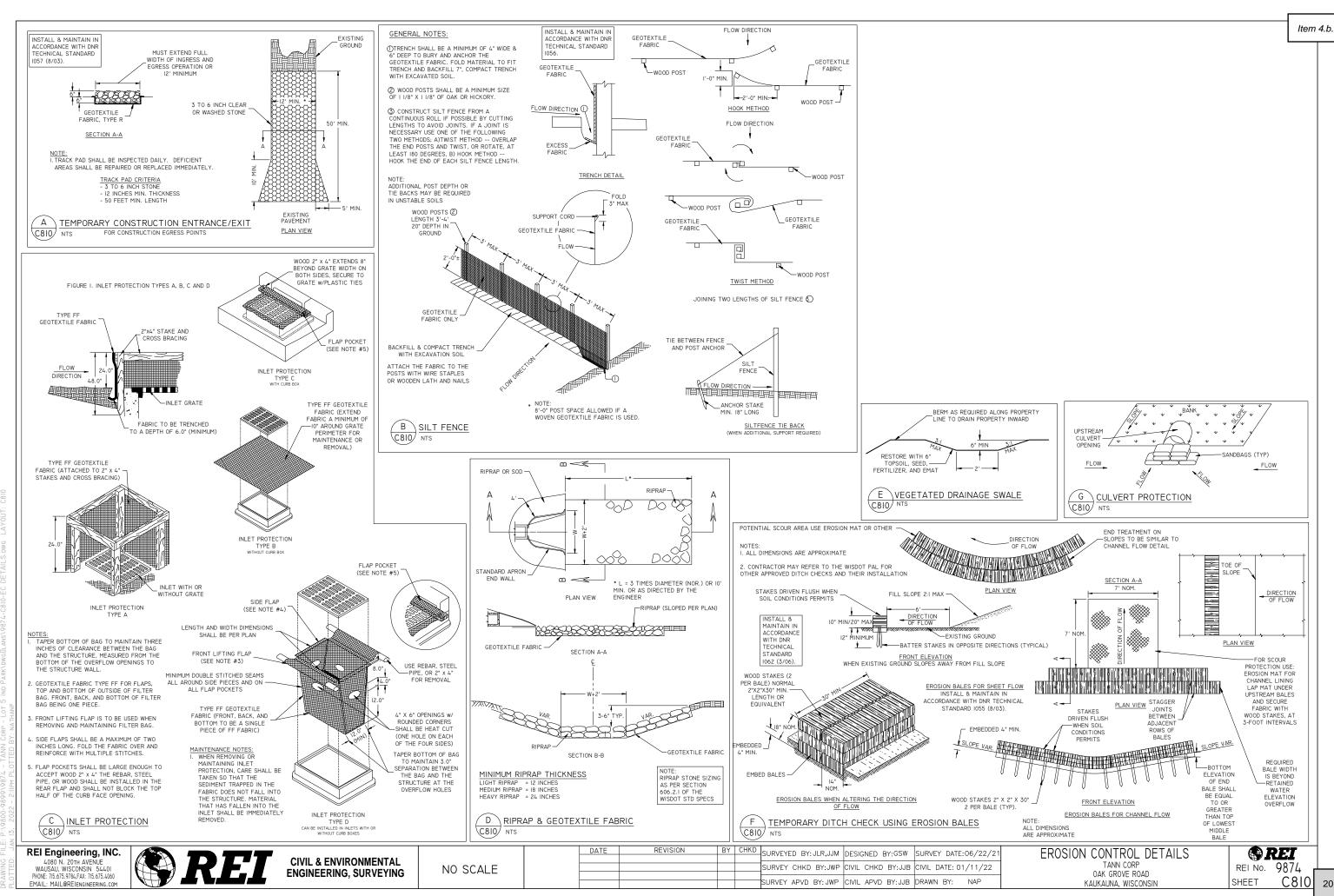
NO SCALE

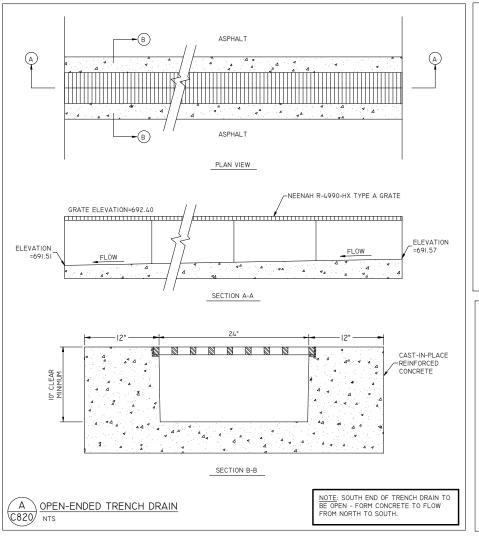
REVISION DATE BY CHKD SURVEYED BY: JLR, JJM DESIGNED BY: GSW SURVEY DATE: 06/22/21 SURVEY CHKD BY:JWP CIVIL CHKD BY:JJB CIVIL DATE: 01/11/22 SURVEY APVD BY: JWP CIVIL APVD BY: JJB DRAWN BY:

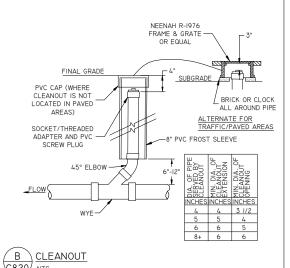
SITE DETAILS TANN CORP OAK GROVE ROAD KAUKAUNA, WISCONSIN

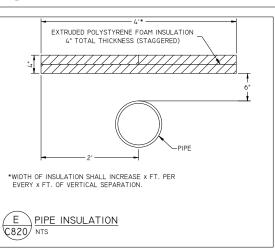
REI REI No. 9874 SHEET

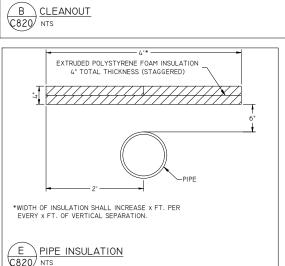
C800

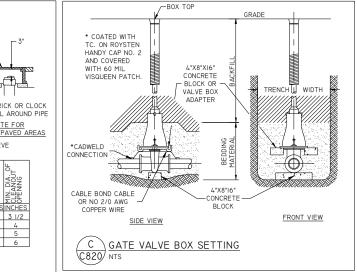


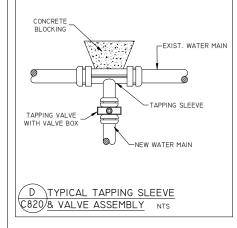


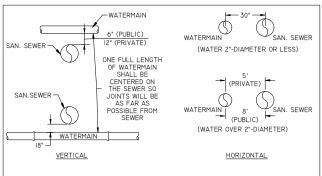








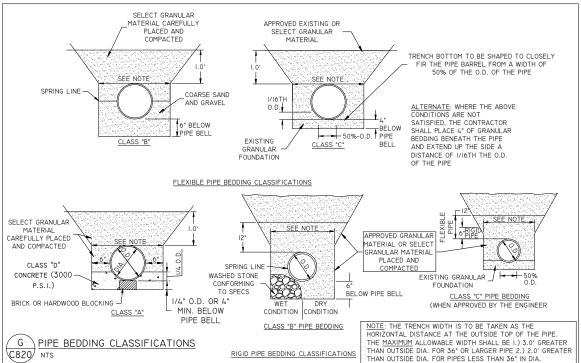




NOTES:
I. WHEN THE ABOVE SEPARATIONS CANNOT BE MAINTAINED, THE ENGINEER MAY REQUIRE THE CONTRACTOR TO ENCASE THE SEWER IN

2. NO PRIVATE WATER MAIN OR WATER SERVICE SHALL BE INSTALLED WITHIN 6" OF A STORM SEWER. PUBLIC WATER MAIN MUST MEET THE SAME HORIZONTAL AND VERTICAL SEPARATION DISTANCES AS REQUIRED FOR SANITARY SEWER.

F SEWER / WATERMAIN SEPARATION DISTANCE C820 NTS



REI Engineering, INC. 4080 N. 20TH AVENUE WAUSAU, WISCONSIN 54401 PHONE: 715 675 9784 FAX: 715 675 4060

EMAIL: MAIL@REIENGINEERING.COM

**CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING**  NO SCALE

DATE	REVISION	BY	CHKD	SURVEYED BY: JI R .LIM	DESIGNED BY-GSW	SURVEY DATE:06/22/21
				SCHVETED BILDER, COM	BESIGNED BI.GON	SORVET BATE: 00, 22, 21
				SURVEY CHKD BY:JWP	CIVIL CHKD BY:JJB	CIVIL DATE: 01/11/22
				SURVEY APVD BY: JWP	CIVIL APVD BY:JJB	DRAWN BY: NAP

UTILITY DETAILS TANN CORP OAK GROVE ROAD KAUKAUNA, WISCONSIN

REI REI No. 9874 SHEET

C820 21

Item 4.b

- SITE USAGE WILL BE PERMITTED ONLY WITHIN REASONABLE LIMITS TO FACILITATE CONSTRUCTION OF PROPOSED IMPROVEMENTS AND THE CONTRACTOR SHALL NOT UNREASONABLY ENCUMBER THE PREMISES WITH EQUIPMENT AND MATERIALS. MATERIAL STORAGE SHALL BE CONFINED TO SUCH LIMITS AS MAY BE JOINTLY AGREED UPON BY OWNER AND CONTRACTOR
- ALL SUB-CONTRACTORS SHALL BE UNDER THE DIRECTION OF THE GENERAL CONTRACTOR (OR OWNER'S REPRESENTATIVE) WHO WILL BE HELD RESPONSIBLE FOR THE COORDINATION OF ALL WORK ON THIS PROJECT AND THE PROPER EXECUTION OF THE SAME.
- THE CONTRACTOR SHALL FURTHER ENFORCE THE OWNER'S INSTRUCTIONS OF SUCH NATURE, INCLUDING PARKING, USE OF ROADS, SAFE ACCESS TO FACILITIES, FIRE PREVENTION, AND PROJECT PHASING, WHICH THE OWNER MAY DEEM NECESSARY OR DESIRABLE ON THE OWNER'S PROPERTY.
- CONTRACTOR SHALL KEEP A CLEAN SITE DURING CONSTRUCTION AND THROUGH FINAL ACCEPTANCE.
- ALWAYS FOLLOW WRITTEN DIMENSIONS. DO NOT SCALE. IF DISCREPANCY EXISTS, CONTACT THE ENGINEER.
- REMOVE ALL TREES WITHIN THE GRADING LIMITS, INCLUDING ROOT STRUCTURES, EXCEPT THOSE SPECIFICALLY NOTED TO REMAIN AND THOSE ON PROPERTY LINES. DO NOT CLEAR SITE PRIOR TO COORDINATING WITH THE OWNER TO LOCATE ALL TREES TO REMAIN
- PROTECT TREES, UTILITY POLES, ABOVE AND BELOW GRADE UTILITIES, AND OTHER FEATURES THAT ARE TO REMAIN. THE REPAIR OF ANY DAMAGE TO FEATURES TO FEATURES TO REMAIN IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WITH NO PAYMENT DUE FOR SUCH REPAIRS.
- ADJUST ANY LITHLITY FLEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN OUT MANHOLES CATCH RASINS INLETS WATER VALVES LIGHT POLES HYDRANTS FTC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES WHETHER SPECIFICALLY NOTED ON PLANS OR NOT. REFER TO THE SITE GRADING PLAN SHEET.
- PROTECT BENCHMARKS, REFERENCE SURVEY POINTS AND OTHER PROVIDED CONSTRUCTION STAKES.
- CALL DIGGER'S HOTLINE @ 8II OR I-800-242-85II AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATING.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND COORDINATING ALL PROPOSED UTILITY RUNS, INSTALLATIONS, AND RELOCATIONS.
- . NOTIFY ELECTRIC UTILITY AT LEAST ONE WEEK PRIOR TO WORKING IN AREAS WHERE UTILITY POLES EXIST. UTILITY COMPANY WILL PROTECT POLES AS NECESSARY.
- DURING CONSTRUCTION THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR INSPECTION AND DOCUMENTATION OF THE EROSION CONTROL DEVICES AS REQUIRED, THE CONTRACTOR SHALL RECORD THOSE CHANGES ON THE PLAN. UPON COMPLETION OF WORK AND PRIOR TO LEAVING THE SITE, THE CONTRACTOR AND OWNER'S DESIGNEE SHALL COORDINATE ONGOING RESPONSIBILITY UNTIL THE SITE'S WPDES PERMIT IS TERMINATED BY THE WDNR.
- EROSION CONTROL DEVICES SHALL ABIDE BY THE WDNR CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL STANDARDS. HTTPS://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST\_STANDARDS.HTML
- CONFIRM THAT ALL TOPSOIL HAS BEEN STRIPPED FROM AREAS TO RECEIVE EMBANKMENT BEFORE PLACING EMBANKMENT MATERIAL
- EMBANKMENT MATERIAL SHALL BE EXCAVATED SITE MATERIAL AND/OR IMPORTED MATERIAL AND/OR IMPORTED MATERIAL AND/OR IMPORTED MATERIAL AND CONFORM TO THE WISDOT STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL MODIFY WATER CONTENT OF THE MATERIAL AS NECESSARY TO OBTAIN SPECIFIED COMPACTION FOR ALL
- CONSTRUCT ALL EMBANKMENT THAT WILL SUPPORT ROADWAYS OR ASPHALT PARKING IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF SUB-SECTION 207.3.6.3 (SPECIAL COMPACTION) OF THE WISDOT STANDARD SPECIFICATIONS EXCEPT: THE MAXIMUM DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM DI557, WITH METHOD B OR C; AND MAXIMUM LIFT THICKNESS SHALL BE 8 INCHES FOR ALL SOILS, GRANULAR, OR COHESIVE
- CONSTRUCT UTILITY TRENCHES IN EMBANKMENT AREAS AFTER CONSTRUCTION OF EMBANKMENT
- 0. BORROW MATERIAL SHALL BE IMPORTED MATERIAL MEETING THE REQUIREMENTS OF SECTION 208.2 OF THE WISDOT STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL IDENTIFY ITS BORROW SOURCES TO THE OWNER'S CONSTRUCTION REPRESENTATIVE CAN OBTAIN SAMPLES AND PERFORM THE DESIRED TESTING
- STRUCTURAL FILL IS REQUIRED IN ALL AREAS THAT WILL SUPPORT PRESENT OR FUTURE BUILDING STRUCTURES. AND WITHIN AREAS EXTENDING DOWNWARD AND OUTWARD FROM THE BUILDING STRUCTURAL TO VERTICAL) SLOPE TO THE BOTTOM OF THE FILL, CONFIRM THAT ALL UNSUITABLE MATERIAL HAS BEEN REMOVED FROM AREAS TO RECEIVE STRUCTURAL FILL BEFORE PLACING MATERIAL. SUB GRADES MAY NOT RECEIVE STRUCTURAL FILL IS NOT ACCESS, EQUIPMENT, AND OPERATOR TO PERMIT TESTING AGENCY TO OBSERVE COMPACTING OF SUB GRADE PRIOR TO PLACEMENT OF STRUCTURAL FILL IS NOT ACCESS, EQUIPMENT, AND OPERATOR TO PERMIT TESTING OF SUB GRADE PRIOR TO PLACEMENT OF STRUCTURAL FILL IS NOT ACCESS, EQUIPMENT, AND OPERATOR TO PERMIT TESTING OF SUB GRADE PRIOR TO PLACEMENT OF STRUCTURAL FILL IS NOT ACCESS, EQUIPMENT, AND OPERATOR TO PERMIT TESTING OF SUB GRADE PRIOR TO PLACEMENT OF SUB-SECTION 207.3.6.3 (SPECIAL COMPACTION) OF THE WISDOT STANDARD SPECIFICATIONS EXCEPT: THE MAXIMUM DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM DI557, MAXIMUM LIFT THICKNESS SHALL BE 8 INCHES FOR ALL SOILS, GRANULAR, OR COHESIVE; THE LIMIT OF STRUCTURAL FILL FOR PURPOSES OF COMPACTION REQUIREMENTS IS DEFINED AS THE AREA ENCOMPASSED BY PLANS EXTENDING DOWNWARD AND OUTWARD FROM THE EDGES OF THE STRUCTURE OR CONCRETE SLAB AT 45-DEGREE ANGLES RELATIVE TO HORIZONTAL (I.E. I:I SLOPES)
- THE CONTRACTOR SHALL PREPARE THE SITE TO SUPPORT THE PROPOSED SURFACE PER SECTION 2II OF THE WISDOT STANDARD SPECIFICATIONS.
- 23. DENSE GRADED BASE SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF SECTION 305 OF THE WISDOT STANDARD SPECIFICATIONS FOR DENSE GRADED BASE, CONSISTENT WITH THE DESIGNATIONS SPECIFIED ON THE PLANS.
- 24 HOT MIX ASPHALT PAVEMENT SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF SECTION 460 OF THE WISDOT STANDARD SPECIFICATIONS FOR PAVEMENT CONSISTENT WITH THE DESIGNATIONS SPECIFIED ON THE PLANS
- 25. CONCRETE PAVING SHALL CONFORM TO SECTION 415 OF THE WISDOT STANDARD SPECIFICATIONS. CONCRETE CURB AND GUTTER SHALL CONFORM TO THE WISDOT STANDARD SPECIFICATIONS. CONCRETE MATERIAL SHALL BE TYPE A OR A-FA AS DEFINED WITHIN SECTION 501 OF THE WISDOT STANDARD SPECIFICATIONS.
- 26. HDPE STORM SEWER SHALL BE CORRUGATED EXTERIOR WITH SMOOTH INTERIOR AND SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M 294 TYPE S, ASTM F667, ASTM F405. END SECTIONS FOR CULVERTS SHALL BE OF THE SAME MATERIAL TYPE AS THE PIPE TO WHICH THE APRON END WALL WILL BE CONNECTED, EXCEPT STEEL END SECTIONS MAY BE USED FOR HDPE PIPE. INSTALL HDPE PIPE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 608 OF THE WISDOT STANDARD SPECIFICATIONS
- REINFORCED CONCRETE PIPE SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF SUB-SECTION 608.2 OF THE WISDOT STANDARD SPECIFICATIONS. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL REINFORCED CONCRETE STORM SEWER PIPE SHALL BE CLASS III OR STRONGER.
- 28. NON-PRESSURE POLYVINYL CHLORIDE PIPE SHALL BE SDR 35 OR SCHEDULE 40 PVC PIPE. ALL BENDS OR OTHER FITTINGS SHALL BE SCHEDULE 40.
- 29. POLYVINYL CHLORIDE PIPE FOR PRESSURE APPLICATIONS SHALL CONFORM TO THE REQUIREMENTS OF AWWA C900, PRESSURE CLASS 150
- 30. DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST REVISION OF ANSI A21.51 (AWWA C151). DUCTILE IRON PIPE SHALL BE CEMENT-MORTAR LINED AND COATED IN ACCORDANCE WITH THE LATEST REVISION OF ANSI A21.4 (AWWA C104). ALL DUCTILE IRON PIPE SHALL BE PRESSURE CLASS 350 UNLESS OTHERWISE SPECIFIED
- 31. PIPE INSTALLATION SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE LATEST EDITION OF THE WISCONSIN SEWER 8. WATER SPECIFICATIONS AND ALL CURRENT SUPPLEMENTAL SPECIFICATIONS AND ADDENDA
- 32. PIPE INSULATION SHALL BE INSTALLED IN ACCORDANCE WITH SPS 382.30(II)(C)2 AS REQUIRED BY SPS 382.30(II), SPS 382.36(7) & SPS 382.40(8).
- 33. RIPRAP SHALL CONFORM TO THE REQUIREMENTS OF SECTION 606 OF THE WISDOT STANDARD SPECIFICATIONS, WITH THE GRADE BEING SPECIFIED ON THE PLANS. REFER TO SECTION 645 OF THE WISDOT STANDARD SPECIFICATIONS REGARDING GEOTEXTILE FABRIC FOR RIPRAP.
- PAVEMENT MARKING PAINT SHALL BE PRE-MIXED WATERBORNE EMULSION APPLIED TO A CLEAN SURFACE AT MANUFACTURER'S RATES. CONFIRM COLOR WITH OWNER PRIOR TO APPLIED TO A CLEAN SURFACE AT MANUFACTURER'S RATES. CONFIRM COLOR WITH OWNER PRIOR TO APPLIED TO A CLEAN SURFACE AT MANUFACTURER'S RATES.
- 35. AFTER FINAL STABILIZATION, ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF LEGALLY OFFSITE.
- 36 AT A MINIMILM RESTORE SITE BY SECDING & MULCHING ALL DISTURBED AREAS TO BE VEGETATED AND ENSURE ESTABLISHMENT OF ADEQUATE VEGETATION. SEED IS TO BE OF A SINGLE LIBRAN LAWN MIX TYPE INTENDED FOR THE EXISTING SITE SOILS AND CONFORMING WITH SECTION 630 OF THE WISDOT STANDARD SPECIFICATION.
- 37. SITE AND IMPORTED TOPSOIL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF SECTION 625 OF THE WISDOT STANDARD SPECIFICATIONS, GRADED FREE OF STONES AND LUMPS LARGER THAN I INCH AND FREE OF ROOTS, VEGETATION, AND OTHER UN-DECOMPOSED ORGANIC MATERIAL
- 38. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING OF ALL EXCESS AND UNUSED MATERIALS FROM THE SITE FOLLOWING COMPLETION OF THEIR WORK

EMAIL: MAIL@REIENGINEERING.COM



CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

REVISION DATE BY CHKD SURVEYED BY: JLR, JJM DESIGNED BY: GSW SURVEY DATE: 06/22/21 SURVEY CHKD BY:JWP CIVIL CHKD BY:JJB CIVIL DATE: 01/11/22 SURVEY APVD BY: JWP CIVIL APVD BY: JJB DRAWN BY:

SITE SPECIFICATIONS TANN CORP OAK GROVE ROAD KAUKAUNA, WISCONSIN

REI REI No. 9874 SHEET