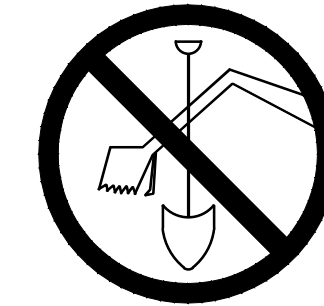


# AEROSHADE REDEVELOPMENT

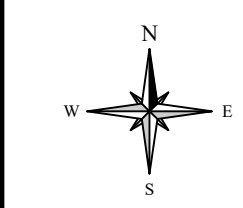
## FOR BIDDING

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN



CALL DIGGERS HOTLINE  
811 OR 1-800-242-8511 TOLL FREE  
WIS STATUTE 182.0175(1974) REQUIRES MIN. 3  
WORK DAYS NOTICE BEFORE YOU EXCAVATE  
MILW. AREA 1-414-259-1161

NOTE: The location and size of the underground structures and utilities shown hereon have been located to a reasonable degree of accuracy, but the Engineer and/or Surveyor does not guarantee their exact location or the location of others not shown. Contact Diggers Hotline, Inc., Etc.



**LEGEND:**

- BENCHMARK
- EX. PK NAIL
- EX. IRON PIPE
- EX. MONUMENT
- EX. FLAG POLE
- EX. BOLLARD
- EX. WATER MANHOLE
- EX. HYDRANT
- EX. WATER VALVE
- EX. SPRINKLER VALVE
- PROP. SAW CUT
- EX. RETAINING WALL
- EX. UNDERGROUND WATER
- ST
- SAN
- G
- OH
- E
- FIB
- T
- CATV
- C
- EX. STORM MANHOLE
- EX. CATCH BASIN ROUND
- EX. CATCH BASIN SQUARE
- EX. INVERT
- EX. ELECTRIC METER
- EX. ELECTRIC PEDESTAL
- EX. AIR CONDITIONER
- EX. ELECTRIC TRANSFORMER
- EX. ELECTRIC MANHOLE
- EX. LIGHTPOLE
- EX. POWER POLE
- EX. PULL BOX
- EX. GUY WIRE
- EX. TELEPHONE MANHOLE
- EX. TELEPHONE PEDESTAL
- EX. UTILITY MANHOLE
- EX. GAS METER
- EX. GAS VALVE
- EX. CLEAN OUT
- EX. SANITARY MANHOLE
- EX. SEPTIC VENT

PART OF THE NW 1/4 OF THE SE 1/4 OF SECTION 2, TOWN 6 NORTH, R 19 EAST  
CITY OF WAUKESHA, WAUKESHA COUNTY, WISCONSIN

**PROJECT CONTACTS:**

**OWNER/DEVELOPER:** HABITAT FOR HUMANITY OF WAUKESHA  
ATTN: MELISSA SONGCO  
2020 SPRINGDALE  
WAUKESHA, WI 53186

**ENGINEER/SURVEYOR:** JAHNKE AND JAHNKE ASSOCIATES, LLC.  
ATTN: JOHN R. STIGLER, R.L.S.  
JOHN FERRIS, P.E.  
711 MORELAND BOULEVARD  
WAUKESHA, WI 53188  
TELE: (262) 542-5797  
E-MAIL: JFerris@jahnkeandjahnke.com

ALL SITE IMPROVEMENTS AND CONSTRUCTION SHOWN ON THE PLANS SHALL CONFORM TO THE CITY OF WAUKESHA DEVELOPMENT HANDBOOK & INFRASTRUCTURE SPECIFICATIONS. WHERE THE PLANS DO NOT COMPLY, IT SHALL BE THE SOLE RESPONSIBILITY AND EXPENSE OF THE DEVELOPER TO MAKE REVISIONS TO THE PLANS AND/OR CONSTRUCTED INFRASTRUCTURE TO COMPLY.

**REFERENCE BEARING:** THE WEST LINE OF THE SE 1/4, SEC. 2-6-19 HAS A BEARING OF N00°42'53"E BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (SOUTH ZONE, NAD-27)

**REFERENCE BENCHMARK:** THE CENTER OF SECTION 2-6-19, AKA NW CORNER OF THE SE 1/4 OF SECTION 2 CONCRETE MONUMENT WITH SEWRPC BRASS CAP

ELEV = 850.81 (NGVD-29) / 70.25 (CWD)

THE SOUTH QUARTER CORNER 2-6-19, AKA SW CORNER OF THE SE 1/4 OF SECTION 2 CONCRETE MONUMENT WITH SEWRPC BRASS CAP

ELEV = 878.31 (NGVD-29) / 97.68 (CWD)

BENCHMARK TABLE						
Project: S8525		Client: Sandy McDonald - Aeroshade				
Roadway: Oakland Ave		Qtr Section: NW 1/4 corner S 02 T 06 N R 19 E				
HZ Datum: NAD-27		VT Datum: NGVD-29 (conv. to City Datum Elev.= 70.25)				
Field book/loop: WAUK 196, PG 45		Date located: 1/12/2017				
Point Number	Station	Northing	Easting	Elevation	Description	
19	1+96.7, 17' LT	3749.70	4971.48	71.601	Oakland Ave. City BM	
292	1+39.8, 19.3' RT	3692.47	5007.33	73.403	Oakland Ave. Const Hyd BM	
323	4+29.6, 22.2' RT	3982.29	5012.50	71.282	Oakland Ave. Const Hyd BM	
5147	5+79.7, 44.3' RT	4132.15	5035.89	69.369	Oakland Ave. PK fnd, on Asph Trail Coring in Pavement	
NA	12+58.2, 19.8' LT	3666.24	5447.15	78.581	Ellist St. City BM	
66	25+01.6, 17.3' LT	4048.78	5388.31	76.658	N Greenfield Ave. City BM	

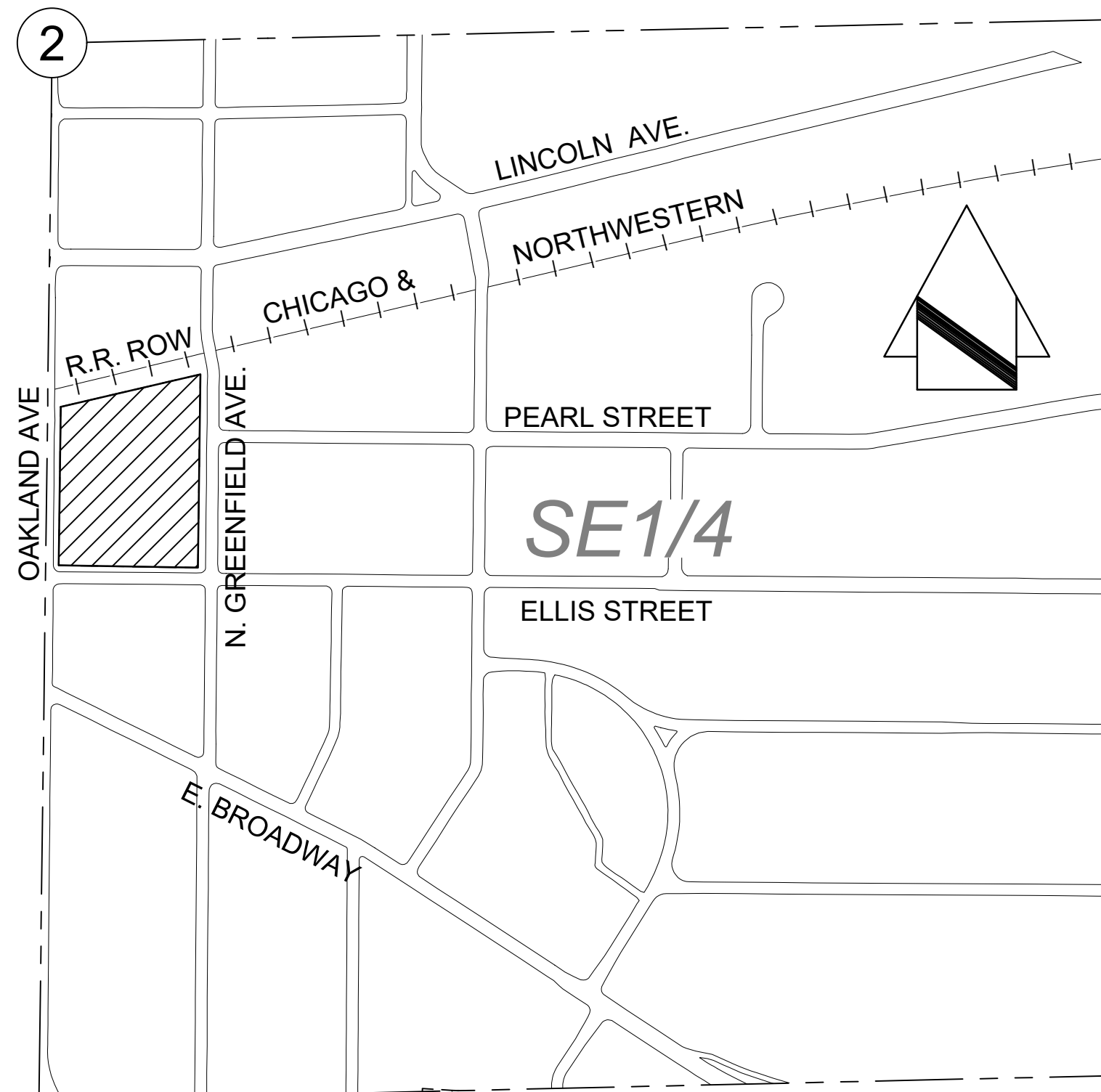
CHANGES MADE TO THESE SHEETS



PROJECT ENGINEER

I HAVE REVIEWED AND APPROVE ALL OF THE PLANS AND SUPPORTING DOCUMENTS. I CERTIFY THAT I HAVE READ THE REQUIREMENTS OF THE ORDINANCE AND THAT, TO THE BEST OF MY KNOWLEDGE, THE SUBMITTED COMPLY WITH THE REQUIREMENTS.

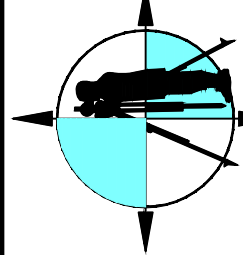
INDEX OF SHEETS	
SHEET	
1	COVER SHEET
2	EXISTING SITE & DEMOLITION PLAN
3	SITE PLAN
4	UTILITY PLAN
5	GRADING PLAN
6	EROSION CONTROL PLAN
7	UTILITY PLAN - OAKLAND PLAN & PROFILE
8	UTILITY PLAN - ELLIS PLAN & PROFILE
9	UTILITY PLAN - GREENFIELD PLAN & PROFILE
10	SIDEWALK PLAN
11	CONSTRUCTION DETAILS
12	CONSTRUCTION DETAILS
13	PAVEMENT RESTORATION
-	



VICINITY MAP  
SE 1/4 OF SEC. 2, T6N, R19E  
SCALE: 1" = 400'

HABITAT FOR HUMANITY OF WAUKESHA

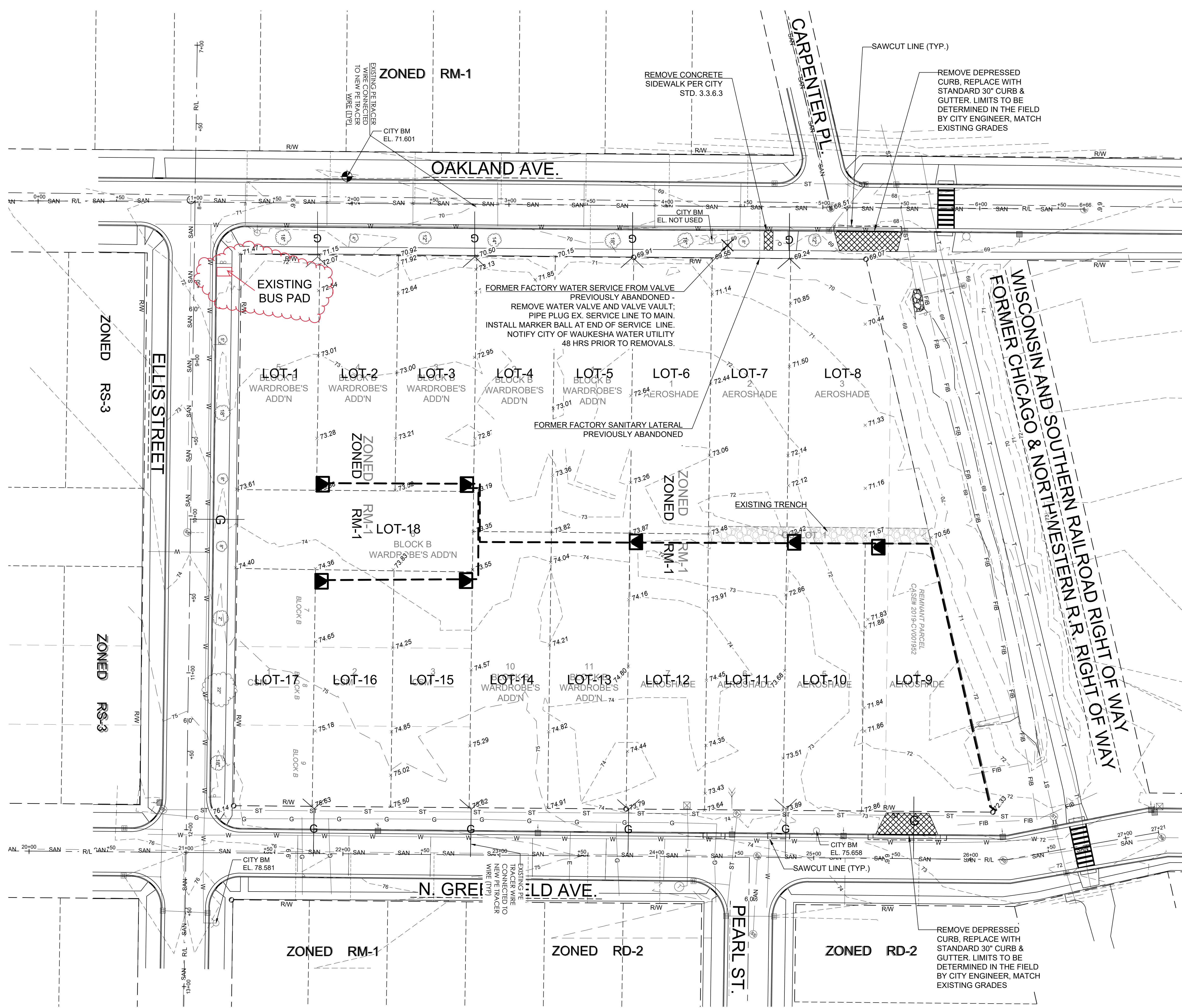
JAHNKE & JAHNKE ASSOCIATES, L.L.C.  
ENGINEERS-PLANNERS-SURVEYORS  
ENGINEERING SOLUTIONS SINCE 1964



COVER SHEET  
PART OF THE NW 1/4 OF THE SE 1/4 OF SECTION 2, T6N, R19E  
CITY OF WAUKESHA, WAUKESHA COUNTY, WI

REVISIONS  
6-15-2022  
7-6-2022

SHEET:  
01 OF 13



**REQUIREMENTS FOR WORK IN CITY RIGHT-OF-WAY**

- ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2019 EDITION AND THE CITY OF WAUKESHA SPECIFICATIONS PER SECTION 1.3.1 THRU 1.3.9.2.
- ADDITIONAL REQUIREMENTS PER PERMIT, BUT WILL INCLUDE: CITY OF WAUKESHA SPECIFICATIONS PER SECTION 1.3.11 THRU 1.3.20.2 FOR GENERAL CONSTRUCTION.

**LEGEND:**

	EX. MONUMENT FOUND		EX. SANITARY MANHOLE
	EX. IRON PIPE FOUND		EX. CLEAN OUT
	EX. IRON ROD FOUND		EX. ELECTRIC METER
	EX. IRON PIPE		EX. GAS METER
	EX. WOODEN POST		EX. POWER POLE
	EX. METAL POST		EX. GUY WIRE
	EX. POST		EX. LIGHT POLE
	EX. RETAINING WALL		EX. LIGHT
	EX. FENCE		EX. WELL
	EX. SANITARY SEWER		EX. STORM SEWER
	EX. SANITARY SEWER		EX. SIGN
	EX. UNDERGROUND GAS LINE		EX. BASKETBALL HOOP
	EX. UNDERGROUND WATER MAIN		EX. DECIDUOUS TREE
	EX. UNDERGROUND TELEPHONE		EX. CONIFEROUS TREE
	EX. 1-FOOT CONTOUR		TREE TO BE REMOVED
	EX. 5-FOOT CONTOUR		ELECTRIC TRANSFORMER
	ELECTRIC LINE		EXISTING TRENCH
	GAS LATERAL		
	GAS LATERAL		

REFERENCE BEARING: THE WEST LINE OF THE SE 1/4, SEC. 24-19 WAS USED AS THE REFERENCE BEARING AND HAS A BEARING OF N00°42'53"E (SOUTH ZONE, NAD-27)

BENCH MARK: THE CENTER OF SECTION 24-19 WAS USED AS THE REFERENCE BENCHMARK AND HAS AN ELEVATION OF 850.81 (NGVD-29) / 70.25 (CWD)

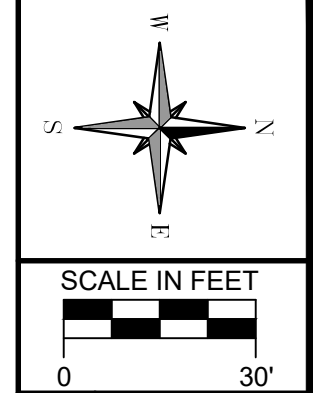
TO OBTAIN LOCATIONS OF UTILITIES AND STRUCTURES BEFORE YOU DIG, CALL DIGGERS HOTLINE 1-800-342-8511 TOLL FREE

FOR STATUTE 18.07(5)(WA) REQUIREMENTS SEE 18.07(5)(WA) NOTICE BEFORE YOU DIG/AWARE

MILWAUKEE AREA 259-1181

NOTE: The location and size of the underground structures and utilities shown hereon have been located to a reasonable degree of accuracy, but the Engineer and/or Surveyor does not guarantee their exact location or the location of others not shown. Contact Diggers Hotline, Inc., Etc.

*John B. Ferris*  
**JOHN B. FERRIS**  
 E-25783  
 WISCONSIN PROFESSIONAL ENGINEER



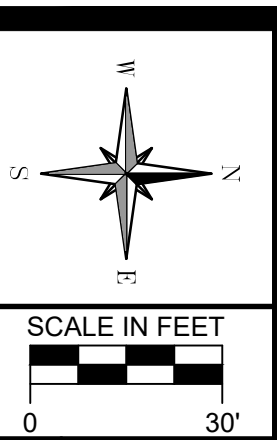
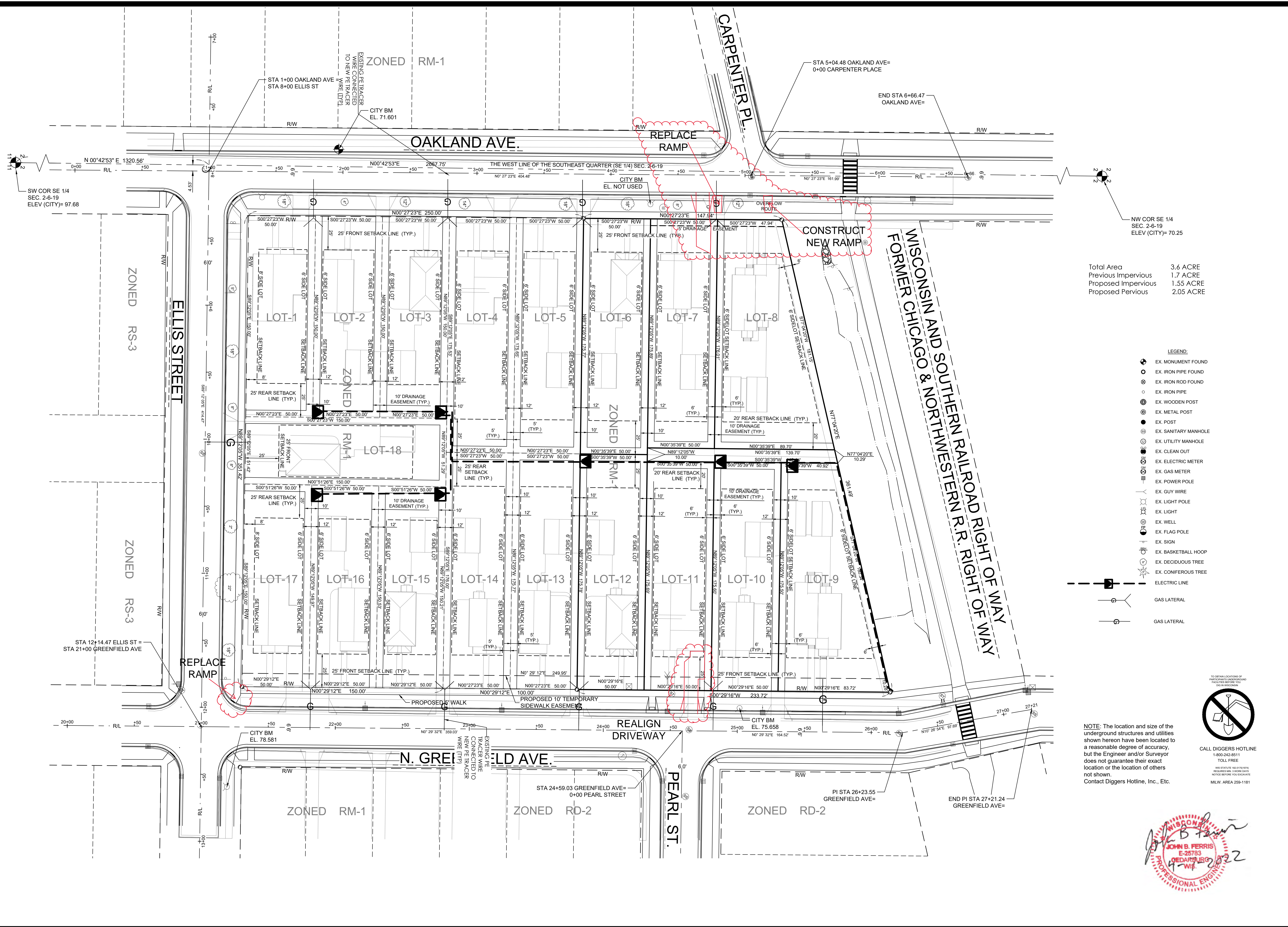
**HABITAT FOR HUMANITY OF WAUKESHA**  
 DRAWN BY: KDD | CHECKED BY: JF | JOB NUMBER: 22-9605 | DATE: 04-08-2020  
 524 BLUEWOUND ROAD, WAUKESHA, WISCONSIN 53188  
 PHONE #: (262) 542-5797 - EMAIL: SURVEY@JAHNKEANDJAHNKE.COM  
 WEBSITE: JAHNKEANDJAHNKE.COM

**JAHNKE & JAHNKE ASSOCIATES, L.L.C.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 ENGINEERING SOLUTIONS SINCE 1964

**EXISTING SITE PLAN**  
 AEROSHADE REDEVELOPMENT  
 PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

**REVISIONS**

REVISED: MAY 5, 2020
REVISED: APRIL 11, 2022
6-15-2022
7-6-2022



HABITAT FOR HUMANITY OF WAUKESHA  
 DRAWN BY: KDD | CHECKED BY: J.F. | JOB NUMBER: 22-9605 | DATE: 04-08-2020  
 524 BLUEMOUND ROAD, WAUKESHA, WISCONSIN 53188  
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**JAHNKE & JAHNKE ASSOCIATES, L.L.C.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 ENGINEERING SOLUTIONS SINCE 1964

**SITE PLAN**  
 AEROSHADE REDEVELOPMENT  
 PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

REVISIONS  
 REVISED: MAY 5, 2020  
 REVISED: APRIL 11, 2022  
 6-15-2022  
 7-6-2022  
 SHEET: **03** OF **13**

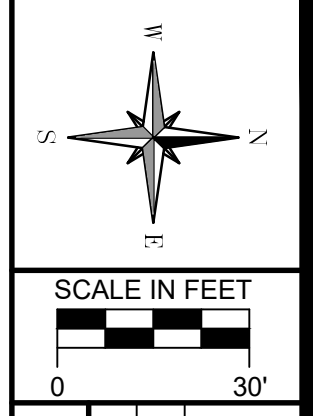
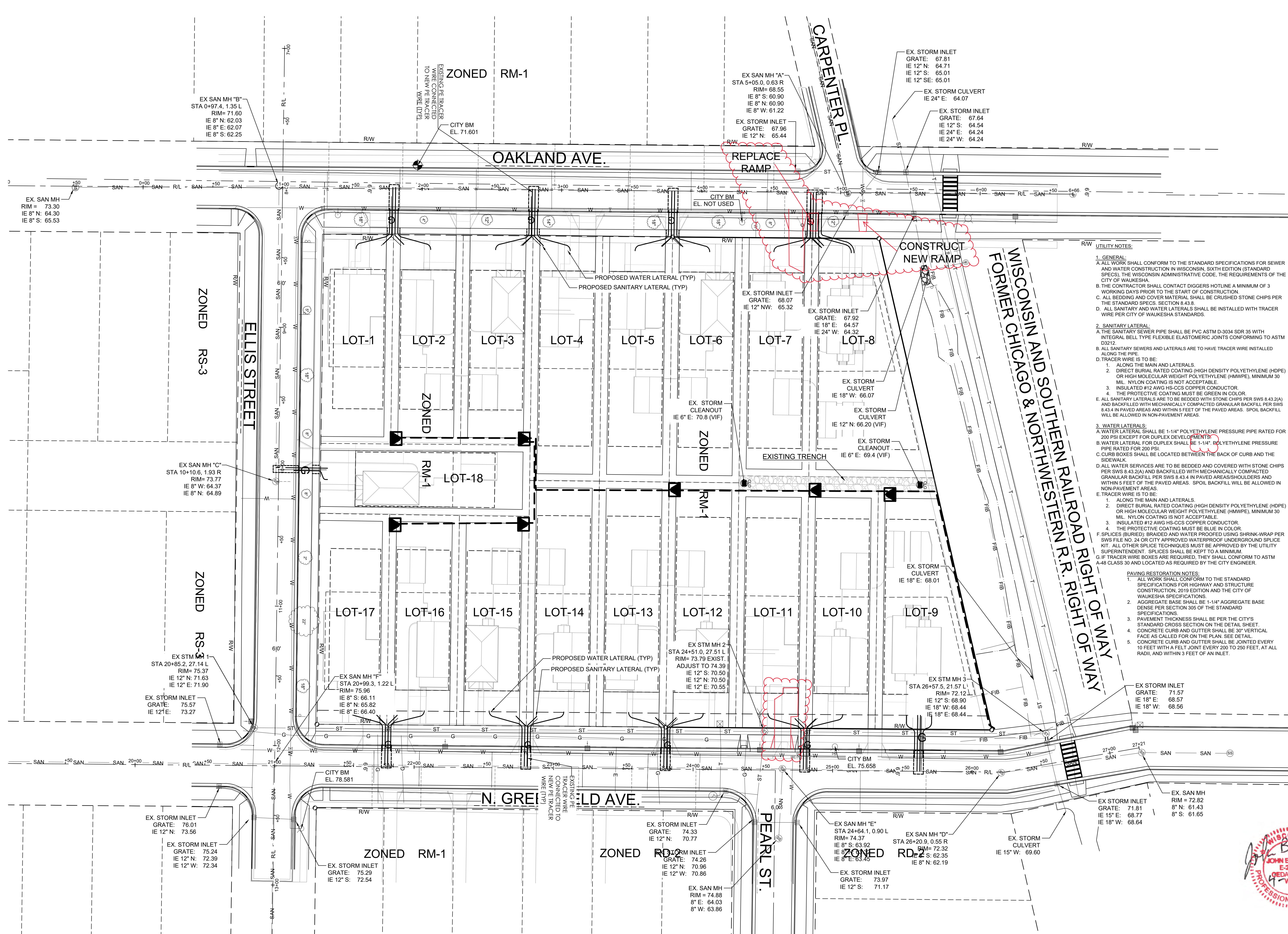
Total Area 3.6 ACRE  
 Previous Impervious 1.7 ACRE  
 Proposed Impervious 1.55 ACRE  
 Proposed Pervious 2.05 ACRE

- LEGEND:**
- EX MONUMENT FOUND
  - EX IRON PIPE FOUND
  - EX IRON ROD FOUND
  - EX IRON PIPE
  - EX WOODEN POST
  - EX METAL POST
  - EX POST
  - EX SANITARY MANHOLE
  - EX UTILITY MANHOLE
  - EX CLEAN OUT
  - EX ELECTRIC METER
  - EX GAS METER
  - EX POWER POLE
  - EX GUY WIRE
  - EX LIGHT POLE
  - EX LIGHT
  - EX WELL
  - EX FLAG POLE
  - EX SIGN
  - EX BASKETBALL HOOP
  - EX DECIDUOUS TREE
  - EX CONIFEROUS TREE
  - ELECTRIC LINE
  - GAS LATERAL
  - GAS LATERAL

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 Contact Diggers Hotline, Inc., Etc.

CALL DIGGERS HOTLINE  
 1-800-242-8511  
 TOLL FREE  
 WE GUARANTEE 100% DETECTION  
 INCLUDING 8" MIN. BORE DIA.  
 NOTICE BEFORE YOU EXCAVATE  
 MILWAUKEE AREA 258-1181

**JOHN B. FERRIS**  
 E-25783  
 CEDARSBURG, WI  
 PROFESSIONAL ENGINEER



HABITAT FOR HUMANITY OF WAUKESHA  
 DRAWN BY: J.F. CHECKED BY: J.F. DATE: 04-08-2020  
 JOB NUMBER: 22-9605

JAHNKE & JAHNKE  
 ASSOCIATES, L.L.C.  
 ENGINEERS-PLANNERS-SURVEYORS  
 ENGINEERING SOLUTIONS SINCE 1964

MASTER UTILITY PLAN  
 AEROSHADE REDEVELOPMENT  
 PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

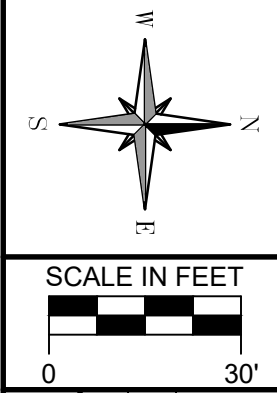
REVISIONS  
 REVISION: MAY 5, 2020  
 REVISION: APRIL 11, 2022  
 6-15-2022  
 7-6-2022

- UTILITY NOTES:
- GENERAL:
    - ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, SIXTH EDITION (STANDARD SPECS), THE WISCONSIN ADMINISTRATIVE CODE, THE REQUIREMENTS OF THE CITY OF WAUKESHA.
    - THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE A MINIMUM OF 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
    - ALL BEDDING AND COVER MATERIAL SHALL BE CRUSHED STONE CHIPS PER THE STANDARD SPECS, SECTION 8.43.8.
    - ALL SANITARY AND WATER LATERALS SHALL BE INSTALLED WITH TRACER WIRE PER CITY OF WAUKESHA STANDARDS.
  - SANITARY LATERAL:
    - THE SANITARY SEWER PIPE SHALL BE PVC ASTM D-3034 SDR 35 WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS CONFORMING TO ASTM D3212.
    - ALL SANITARY SEWERS AND LATERALS ARE TO HAVE TRACER WIRE INSTALLED ALONG THE PIPE.
    - TRACER WIRE IS TO BE:
      - ALONG THE MAIN AND LATERALS.
      - DIRECT BURIAL RATED COATING (HIGH DENSITY POLYETHYLENE (HDPE) OR HIGH MOLECULAR WEIGHT POLYETHYLENE (HMWPE), MINIMUM 30 MIL. NYLON COATING IS NOT ACCEPTABLE.
      - INSULATED #12 AWG HS-CCS COPPER CONDUCTOR.
      - THE PROTECTIVE COATING MUST BE GREEN IN COLOR.
    - ALL SANITARY LATERALS ARE TO BE BEDDED WITH STONE CHIPS PER SWS 8.43.2(A) AND BACKFILLED WITH MECHANICALLY COMPACTED GRANULAR BACKFILL PER SWS 8.43.4 IN PAVED AREAS AND WITHIN 5 FEET OF THE PAVED AREAS. SPOIL BACKFILL WILL BE ALLOWED IN NON-PAVED AREAS.
  - WATER LATERALS:
    - A WATER LATERAL SHALL BE 1-1/4" POLYETHYLENE PRESSURE PIPE RATED FOR 200 PSI EXCEPT FOR DUPLEX DEVELOPMENTS.
    - WATER LATERAL FOR DUPLEX SHALL BE 1-1/4" POLYETHYLENE PRESSURE PIPE RATED FOR 200 PSI.
    - CURB BOXES SHALL BE LOCATED BETWEEN THE BACK OF CURB AND THE SIDEWALK.
    - ALL WATER SERVICES ARE TO BE BEDDED AND COVERED WITH STONE CHIPS PER SWS 8.43.2(A) AND BACKFILLED WITH MECHANICALLY COMPACTED GRANULAR BACKFILL PER SWS 8.43.4 IN PAVED AREAS/SHOULDERS AND WITHIN 5 FEET OF THE PAVED AREAS. SPOIL BACKFILL WILL BE ALLOWED IN NON-PAVED AREAS.
    - TRACER WIRE IS TO BE:
      - ALONG THE MAIN AND LATERALS.
      - DIRECT BURIAL RATED COATING (HIGH DENSITY POLYETHYLENE (HDPE) OR HIGH MOLECULAR WEIGHT POLYETHYLENE (HMWPE), MINIMUM 30 MIL. NYLON COATING IS NOT ACCEPTABLE.
      - INSULATED #12 AWG HS-CCS COPPER CONDUCTOR.
      - THE PROTECTIVE COATING MUST BE BLUE IN COLOR.
    - SPLICES (BURIED), BRAIDED AND WATER PROOFED USING SHRINK-WRAP PER SWS FILE NO. 24 OR CITY APPROVED WATERPROOF UNDERGROUND UTILITY KIT. ALL OTHER SPLICE TECHNIQUES MUST BE APPROVED BY THE UTILITY SUPERINTENDENT. SPLICES SHALL BE KEPT TO A MINIMUM.
    - TRACER WIRE BOXES ARE REQUIRED. THEY SHALL CONFORM TO ASTM A-48 CLASS 30 AND LOCATED AS REQUIRED BY THE CITY ENGINEER.

- PAVING RESTORATION NOTES:
- ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2019 EDITION AND THE CITY OF WAUKESHA SPECIFICATIONS.
  - AGGREGATE BASE SHALL BE 1-1/4" AGGREGATE BASE DENSE PER SECTION 305 OF THE STANDARD SPECIFICATIONS.
  - PAVEMENT THICKNESS SHALL BE PER THE CITY'S STANDARD CROSS SECTION ON THE DETAIL SHEET.
  - CONCRETE CURB AND GUTTER SHALL BE 30" VERTICAL FACE AS CALLED FOR ON THE PLAN. SEE DETAIL.
  - CONCRETE CURB AND GUTTER SHALL BE JOINTED EVERY 10 FEET WITH A FELT JOINT EVERY 200 TO 250 FEET, AT ALL RADII, AND WITHIN 3 FEET OF AN INLET.



FILE NAME: S:\projects\22-9605 SD - Aeroshade\DWG\22-960505 CIVIL.dwg



HABITAT FOR HUMANITY OF WAUKESHA  
 DRAWN BY: KDD | CHECKED BY: J.F. | JOB NUMBER: 22-9605 | DATE: 04-08-2020  
 524 BILMOUND ROAD, WAUKESHA, WISCONSIN 53188  
 PHONE #: (262) 542-5797 - EMAIL: SURVEY@JAHNKEANDJAHNKE.COM  
 WEBSITE: JAHNKEANDJAHNKE.COM

**JAHNKE & JAHNKE ASSOCIATES, L.L.C.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 ENGINEERING SOLUTIONS SINCE 1944

MASTER GRADING PLAN  
 AEROSHADE REDEVELOPMENT  
 PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

REVISIONS  
 REVISED: MAY 5, 2020  
 REVISED: APRIL 11, 2022  
 6-15-2022  
 7-6-2022

**MINIMUM BASEMENT ELEVATION TABLE**

LOT No.	BORING No.	SHOW*	MIN. ELEV.	BFE ELEV.
W5	7	61.7	62.7	65.2
W4	7	61.7	62.7	65.0
W3	5	64.0	65.0	65.0
W2	5	64.0	65.0	65.0
W1	3	62.9	63.9	64.2
A1	3	62.9	63.9	63.9
A2	1	61.3	62.1	63.6
A3	1	61.3	62.3	63.8
A4	2	61.0	62.0	66.4
A5	2	61.0	62.0	66.7
A6	4	63.2	64.2	67.2
A7	4	63.2	64.2	67.7
W1	6	63.9	64.9	68.1
W10	6	63.9	64.9	68.1
C2	10	65.8	66.8	68.4
C1	8	62.8/65.8#	66.8	68.7
W6	9	65.2	66.2	67.9

\* SEASONAL HIGH GROUND WATER ELEVATION  
 # CRITICAL / CONTROLLING ELEVATION  
 BFE BASEMENT FLOOR ELEVATION  
 FFE 0.7 FT ABOVE FINISHED FLOOR ELEVATION  
 F/G PAD FINISH GRADE ELEVATION

LOT NUMBERS / PLAT:  
 A# AEROSHADE  
 W# WARDROBE'S ADDITION  
 C# CSM

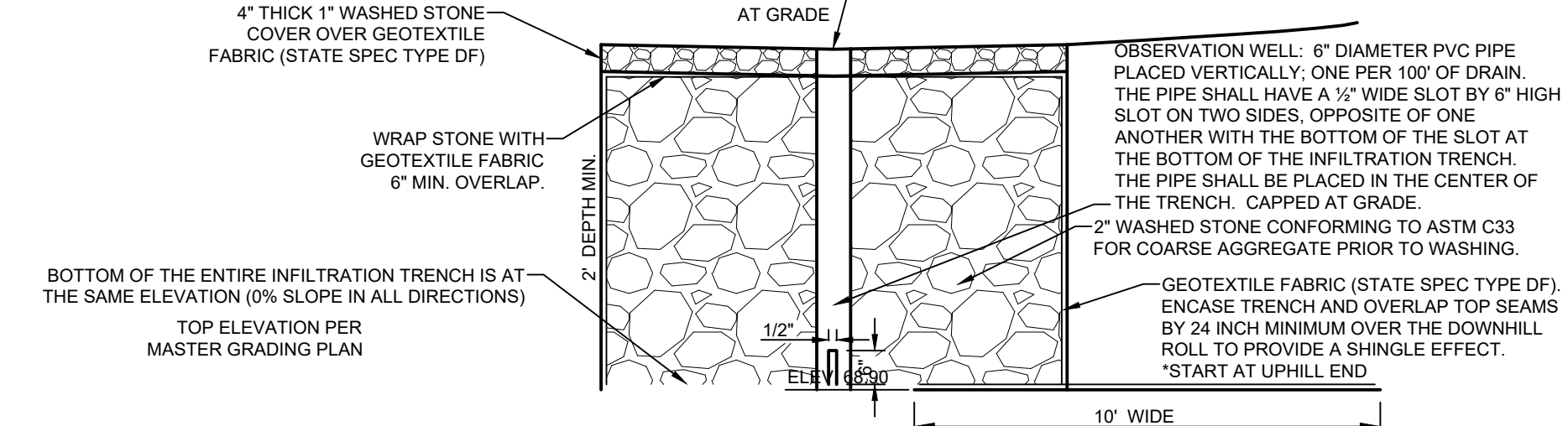
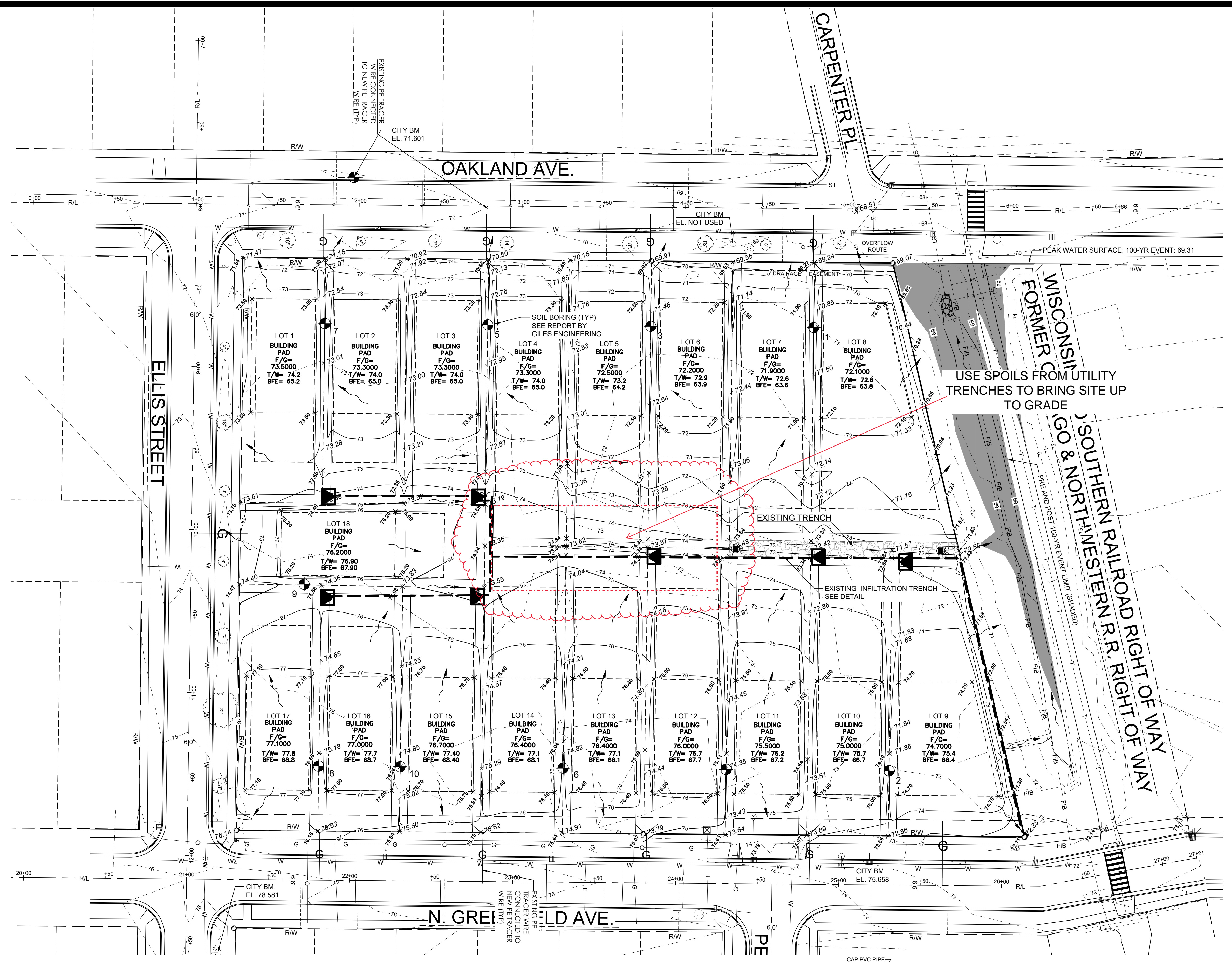
BFE ELEVATION (BASEMENT FLOOR) = F/G + 0.7' - 9' - 0"  
 BASEMENTS BASED ON THIS MASTER GRADING PLAN.

SEASONAL HIGH GROUND WATER ELEVATIONS PER GILES ENGINEERING ASSOCIATES REPORT 1G-1706002, DATED JULY 10, 2017.

**LEGEND:**

- EX. MONUMENT FOUND
- EX. IRON PIPE FOUND
- EX. IRON ROD FOUND
- EX. IRON PIPE
- EX. WOODEN POST
- EX. METAL POST
- EX. POST
- EX. RETAINING WALL
- EX. FENCE
- EX. SANITARY SEWER
- EX. STORM SEWER
- EX. UNDERGROUND GAS LINE
- EX. 1-FOOT CONTOUR
- EX. 5-FOOT CONTOUR
- PR. 1-FOOT CONTOUR
- PR. 5-FOOT CONTOUR
- EX. SPOT GRADE ELEV.
- PR. SPOT GRADE ELEV.
- ELECTRIC LINE
- GAS LATERAL
- GAS LATERAL
- EX. SANITARY MANHOLE
- EX. UTILITY MANHOLE
- EX. CLEAN OUT
- EX. ELECTRIC METER
- EX. GAS METER
- EX. POWER POLE
- EX. GUY WIRE
- EX. LIGHT POLE
- EX. LIGHT
- EX. WELL
- EX. FLAG POLE
- EX. SIGN
- EX. BASKETBALL HOOP
- EX. DECIDUOUS TREE
- EX. CONIFEROUS TREE
- EX. BORING LOCATION
- OBSERVATION WELL

NOTE: The location and size of the underground structures and utilities shown hereon have been located to a reasonable degree of accuracy, but the Engineer and/or Surveyor does not guarantee their exact location or the location of others not shown.  
 Contact Diggers Hotline, Inc., Etc.



**HOME OWNERS ASSOCIATION NOTIFICATION:**  
 The Home Owners Association (HOA) and/or its agents, employees or independent contractors shall have the right to enter upon any lot, at any time following at least twenty four (24) hours advance written notice, for the purpose of inspection for compliance with the City Master Grading Plan. In the event a lot is not in compliance with the City Master Grading Plan, then the HOA shall give written notice to the owner of the non-compliant lot. If the owner of the non-compliant lot has not brought the lot into compliance with the City Master Grading Plan within thirty (30) days, then the HOA may enter onto the lot for the purposes of bringing such lot into compliance with the City Master Grading Plan, and may charge the lot owner for the necessary costs of such work, and may have a lien against the lot for the same. In the event that the HOA is not in existence or otherwise fails to act then any lot owner who is aggrieved by a failure to comply with the City Master Grading Plan may independently enforce this section by bringing an action in the Waukesha County Circuit Court, and the prevailing party in any such action will be entitled to recover its reasonable costs and attorney fees.

INFILTRATION TRENCH DETAIL - HAS BEEN INSTALLED BY OTHERS  
 NOT TO SCALE

**CONSTRUCTION SEQUENCE**

1. INSTALL SILT FENCE, DITCH CHECKS, INLET PROTECTION AND TRACKING PAD. CONTINUOUS INSPECTIONS THROUGHOUT THE PROJECT. THE BUILDER SHALL INSPECT EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND WITHIN 24 HOURS AFTER EVERY RAIN EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE IN A 24 HOUR PERIOD. WRITTEN DOCUMENTATION OF EACH INSPECTION SHALL BE MAINTAINED AT THE CONSTRUCTION SITE AND SHALL INCLUDE THE TIME, DATE AND LOCATION OF INSPECTION, THE PHASE OF LAND DISTURBANCE AT THE CONSTRUCTION SITE, PERSON CONDUCTING THE INSPECTION, ASSESSMENT OF CONTROL PRACTICES, AND DESCRIPTION OF ANY EROSION OR SEDIMENT CONTROL MEASURE INSTALLATION OR MAINTENANCE PERFORMED IN RESPONSE TO THE INSPECTION. USE WISCONSIN DNR REPORT FORM 3400-187. REMEDY/REPAIR ANY ISSUE WITHIN 48 HOURS.
2. CLEAR AND GRUB SITE. TREES AND STUMPS SHALL BE REMOVED FROM SITE.
3. DEMOLISH BUILDING AND PARKING LOT IMMEDIATELY AND RESTORE DISTURBED AREAS WITH TEMPORARY SEEDING.
4. STRIP TOPSOIL FROM BEHIND LOTS 4, 5, 6, 12, 13, ND 14 AND GRADE SITE.
5. INSTALL INFILTRATION TRENCH AND IMMEDIATELY PROTECT INFILTRATION TRENCH IT WITH SEDIMENT LOG UPSTREAM.
6. INSTALL SIDEWALK.
7. FINISH GRADE SITE AND IMMEDIATELY RESTORE ALL DISTURBED AREAS WITH TOPSOIL, SEED AND EROSION MAT.
8. CONTRACTOR TO REMOVE AND DISPOSE OF ALL TEMPORARY EROSION CONTROL MEASURES ONCE THE SITE IS STABILIZED.

ESTIMATED START DATE: JUNE 2020 AUGUST 2022  
 ESTIMATED COMPLETION DATE: JUNE 2021 DECEMBER 2022  
 ESTIMATED DISTURBED AREA = 3.588 ACRE  
 ESTIMATED NEW IMPERVIOUS AREA = 1.293 ACRE

**CONSTRUCTION PHASES SEQUENCE**

THERE ARE TWO (2) PHASES TO THE AEROSHADE REDEVELOPMENT PROJECT. PHASE 1 IS THE INSTALLATION OF THE WATER, SEWER AND SIDEWALK INFRASTRUCTURE THAT WILL BE NEEDED TO SUPPORT THE DEVELOPMENT OF THE 18 RESIDENTIAL LOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PHASE 1 CONSTRUCTION ACTIVITIES, INCLUDING EROSION CONTROL. PHASE 2, THE CONSTRUCTION OF THE INDIVIDUAL HOMES, WILL BE COMPLETED OVER A THREE (3) YEAR PERIOD. THE BUILDER OF EACH LOT SHALL BE RESPONSIBLE FOR PHASE 2 CONSTRUCTION ACTIVITIES, INCLUDING EROSION CONTROL. EROSION CONTROL PRACTICES TO BE INSTALLED DURING PHASE 1 AND PHASE 2 ARE AS FOLLOWS.

**PHASE 1**

1. CONTRACTOR SHALL INSTALL SILT FENCE, DITCH CHECKS AND INLET PROTECTION.
  - a. CONTRACTOR SHALL CONDUCT CONTINUOUS INSPECTIONS THROUGHOUT PHASE 1 AND PHASE 2. THE CONTRACTOR SHALL INSPECT EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND WITHIN 24 HOURS AFTER EVERY RAIN EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE IN A 24 HOUR PERIOD. WRITTEN DOCUMENTATION OF EACH INSPECTION SHALL BE MAINTAINED AND A DESCRIPTION OF MAINTENANCE PERFORMED IN RESPONSE TO THE INSPECTION.
2. INSTALL WATER AND SEWER UTILITIES.
3. INSTALL SIDEWALK.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING STREETS DAILY TO KEEP THEM CLEAR OF ACCUMULATED SOIL AND DEBRIS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING EROSION CONTROL PRACTICES ONCE THE LOT HAS 70% OR MORE VEGETATED COVER.

**PHASE 2**

1. EACH BUILDER OF EACH LOT SHALL BE RESPONSIBLE EROSION CONTROL AND GRADING OF THEIR LOT.
2. EROSION CONTROL PRACTICES WILL TYPICALLY INCLUDE, BUT NOT LIMITED TO, SILT FENCE SURROUNDING THE LOT AND A TRACKING PAD ALONG THE ALIGNMENT OF THE DRIVEWAY.
3. BUILDER SHALL BE RESPONSIBLE FOR CONTINUOUS INSPECTIONS THROUGHOUT PHASE 2. THE BUILDER SHALL INSPECT EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND WITHIN 24 HOURS AFTER EVERY RAIN EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE IN A 24 HOUR PERIOD. WRITTEN DOCUMENTATION OF EACH INSPECTION SHALL BE MAINTAINED AND A DESCRIPTION OF MAINTENANCE PERFORMED IN RESPONSE TO THE INSPECTION.
4. BUILDER SHALL SEED SOIL STOCKPILES WITH A COVER CROP OF ANNUAL RYE GRASS OR SUITABLE ALTERNATIVE.
5. BUILDER SHALL BE RESPONSIBLE FOR FINAL GRADING AND STABILIZATION OF THEIR LOT IN ACCORDANCE WITH THE PLAN.
6. BUILDER SHALL BE RESPONSIBLE FOR REMOVING EROSION CONTROL PRACTICES ONCE THE LOT HAS 70% OR MORE VEGETATED COVER.

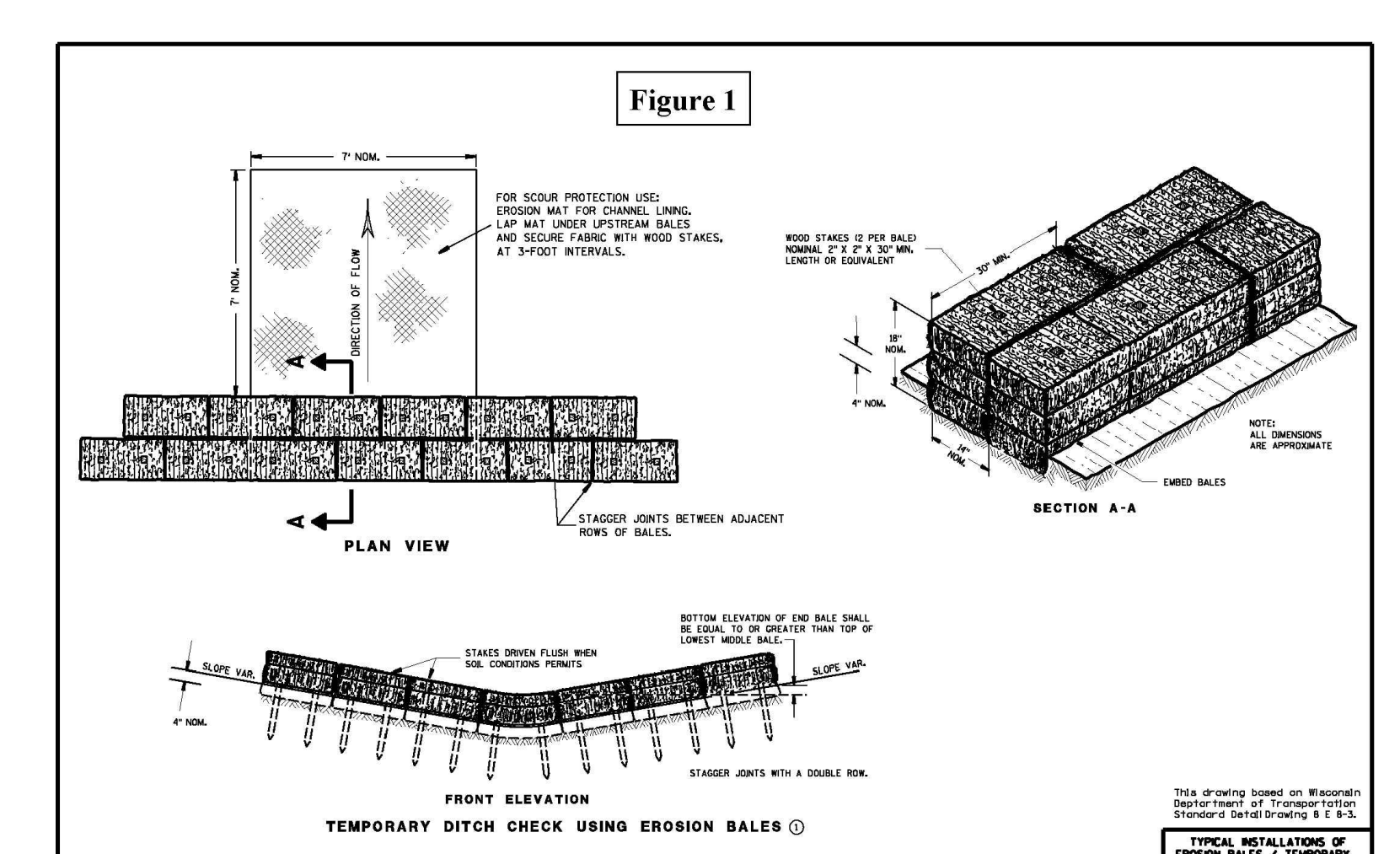
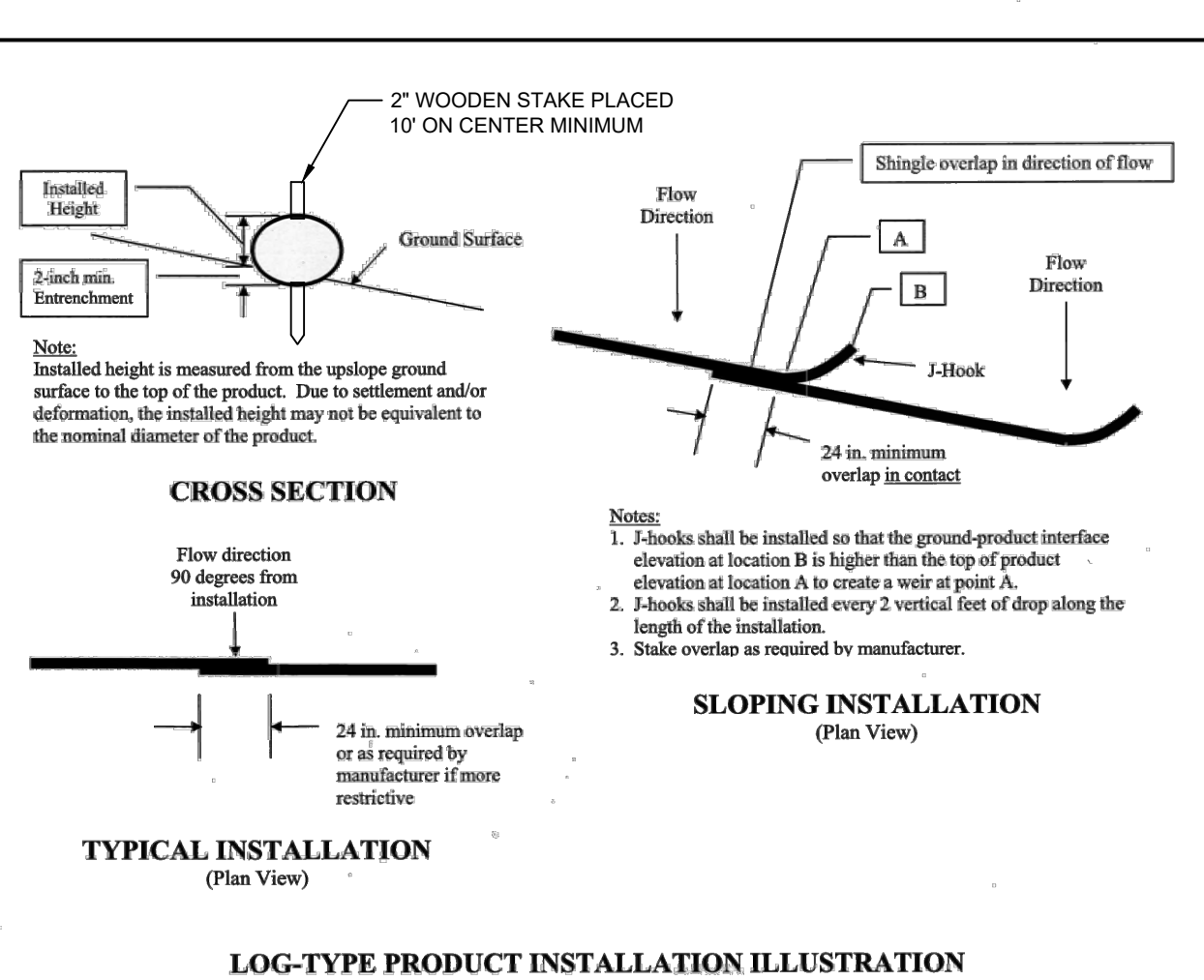
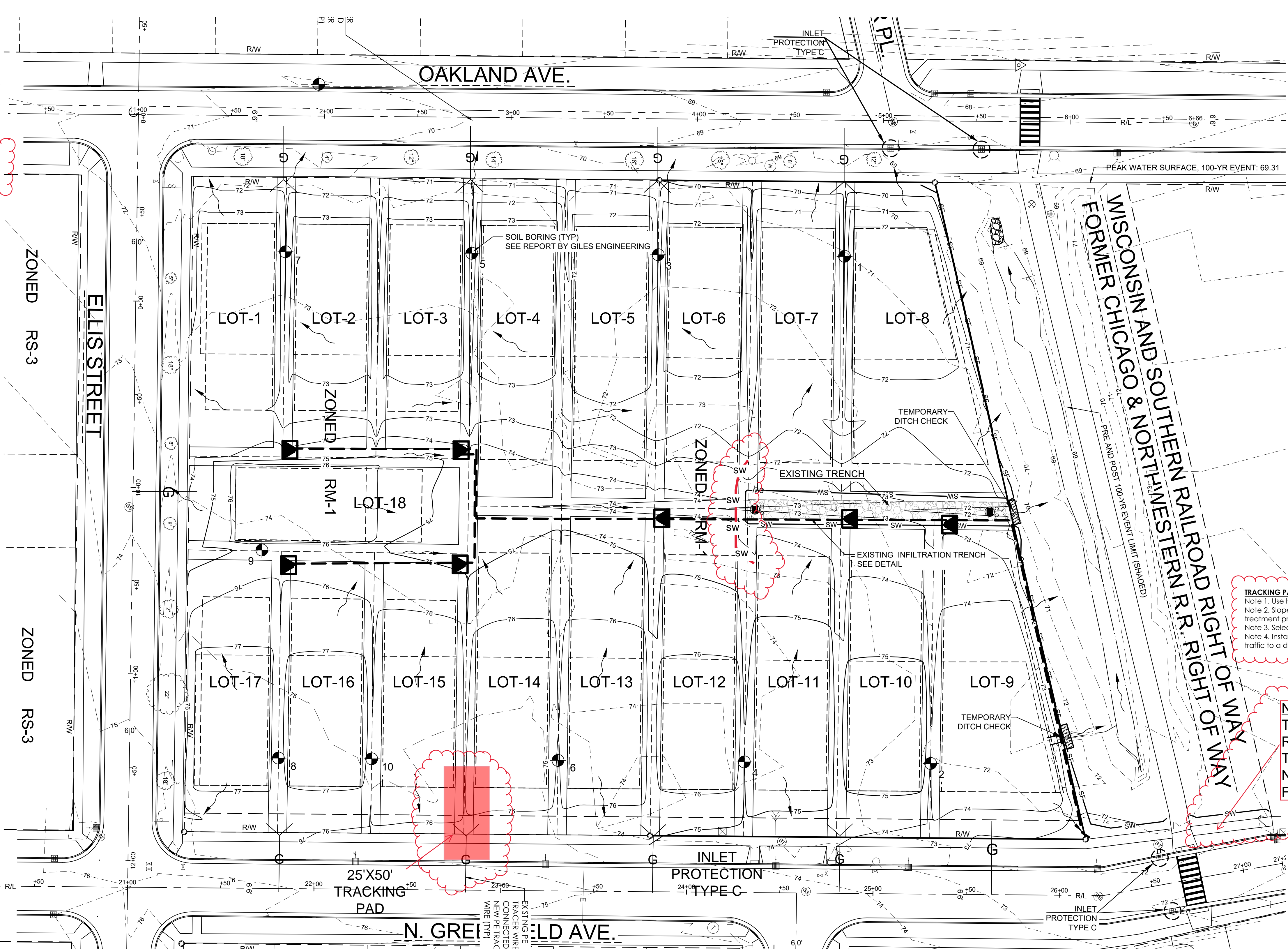
ESTIMATED START DATE: JUNE 2022 APRIL 2023

ESTIMATED COMPLETION DATE: JUNE 2025 SEPTEMBER 2026

ESTIMATED DISTURBED AREA: 0.56 ACRE ESTIMATED NEW IMPERVIOUS AREA: 1.29 ACRE ESTIMATED NEW IMPERVIOUS PHASE 2 = 1.25 ACRES

**GRADING & EROSION CONTROL NOTES:**

- A. ALL CONSTRUCTION PRACTICES TO COMPLY WITH THE CITY OF WAUKESHA AND THE WISCONSIN DNR TECHNICAL STANDARDS.
- B. ALL DISTURBED AREAS ON SITE SHALL BE TOPSOILED (4" THICK), SEEDED AND STABILIZED WITH ANCHORED MULCH FOR SLOPES FLATTER THAN 4:1. SLOPES OF 4:1 OR GREATER AND THE CHANNEL IN THE RAILROAD ROW SHALL BE STABILIZED WITH EROSION MAT CLASS II TYPE B.
- C. TEMPORARY STABILIZATION IS REQUIRED FOR ANY AREA LEFT INACTIVE FOR MORE THAN SEVEN DAYS. TOPSOIL AND SPOIL STOCKPILES SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS OF LAYUP USING AGRICULTURAL RYE WITH A SEEDING RATE OF 3 LBS/1000 SQUARE FEET. INSTALL SILT FENCE ON THE DOWNSLOPE SIDE OF THE PILE TO REDUCE SEDIMENT RUNOFF.
- D. ALL CONSTRUCTION TRAFFIC IS TO ENTER/EXIT THE SITE OVER THE TRACKING PAD. ALL PUBLIC AND PRIVATE STREETS ARE TO BE KEPT CLEAN AT ALL TIMES. THE STREETS ARE TO BE SWEEP CLEAN, ONCE A DAY, AT A MINIMUM OR AS REQUIRED BY CITY.
- E. THE PERMANENT SEED MIXTURE SHALL BE WIS DOT SEED MIXTURE NO. 40 AND SOWN AT THE RATE OF 4 LBS/1000 SQ. FT. SEED MIXTURE NO. 40 CONSISTS OF 35% KENTUCKY BLUEGRASS, 20% RED FESCUE, 20% HARD FESCUE AND 25% IMPROVED FINE PERENNIAL RYEGRASS. THE TEMPORARY SEED MIX SHALL BE WINTER WHEAT.
- F. FERTILIZE SOIL WITH 10 LBS/1000 SQ. FT. OF 20-10-10 FERTILIZER.
- G. ANY DEWATERING THAT MAY BE REQUIRED DUE TO UTILITY CONSTRUCTION SHALL BE COMPLETED SO THAT THE WATER IS PUMPED INTO A TYPE II GEOTEXTILE BAG CONFORMING TO DNR TECHNICAL STANDARD 1061. THE GEOTEXTILE BAG SHALL BE PLACED ON VEGETATED/STABILIZED GROUND AND DISCHARGED TO A SEDIMENT BASIN OR TRAP. SHOULD NO BASIN EXIST, THE GEOTEXTILE BAG SHALL BE PLACED ON FILTER FABRIC AND SURROUNDED BY A SEDIMENT BALE BARRIER CONFORMING TO WDNR TECHNICAL STANDARDS 1055.
- H. ALL BUILDING AND WASTE MATERIAL SHALL BE DISPOSED OF OFF SITE TO PREVENT RUNOFF OF MATERIAL INTO THE STORM SEWER SYSTEM.
- I. DUST CONTROL SHOULD BE ADDRESSED PER DNR TECHNICAL STANDARD 1068. AT A MINIMUM USE WATER. USE POLYMERS, TACKIFIER AND SOIL STABILIZERS IF NEEDED. INSPECT DAILY TO DETERMINE THE NEED TO IMPLEMENT A CONTROL.
- J. DITCH CHECKS SHALL BE CONSTRUCTED OUT OF SEDIMENT LOGS. SEDIMENT LOGS MAY ALSO BE SUBSTITUTED FOR SILT FENCE.



**LEGEND:**

EX. MONUMENT FOUND	EX. SANITARY MANHOLE
EX. IRON PIPE FOUND	EX. UTILITY MANHOLE
EX. IRON ROD FOUND	EX. CLEAN OUT
EX. IRON PIPE	EX. ELECTRIC METER
EX. WOODEN POST	EX. GAS METER
EX. METAL POST	EX. GAS METER
EX. POST	EX. POWER POLE
EX. RETAINING WALL	EX. GUY WIRE
EX. FENCE	EX. LIGHT POLE
EX. SANITARY SEWER	EX. LIGHT
EX. STORM SEWER	EX. WELL
EX. UNDERGROUND GAS LINE	EX. FLAG POLE
EX. 1-FOOT CONTOUR	EX. SIGN
EX. 5-FOOT CONTOUR	EX. BASKETBALL HOOP
PR. 1-FOOT CONTOUR	EX. DECIDUOUS TREE
PR. 5-FOOT CONTOUR	EX. CONIFEROUS TREE
PR. SILT FENCE	EX. BORING LOCATION
PR. STRAW WATTLE	GAS LATERAL
TEMPORARY DITCH CHECK	GAS LATERAL
ELECTRIC LINE	

**NOTE:** THE CITY OF WAUKESHA WILL BE RESPONSIBLE FOR EXTENDING THE SIDEWALK FROM BIKE PATH NORTH, APPROXIMATELY 200 FEET TO LINCOLN AVE.

**NOTE:** THE LOCATION AND SIZE OF THE UNDERGROUND STRUCTURES AND UTILITIES SHOWN HEREON HAVE BEEN LOCATED TO A REASONABLE DEGREE OF ACCURACY, BUT THE ENGINEER AND/OR SURVEYOR DOES NOT GUARANTEE THEIR EXACT LOCATION OR THE LOCATION OF OTHERS NOT SHOWN. CONTACT DIGGERS HOTLINE, INC., ETC.

PROFESSIONAL ENGINEER  
 JOHN B. FERRIS  
 E-25783  
 1-11-2022

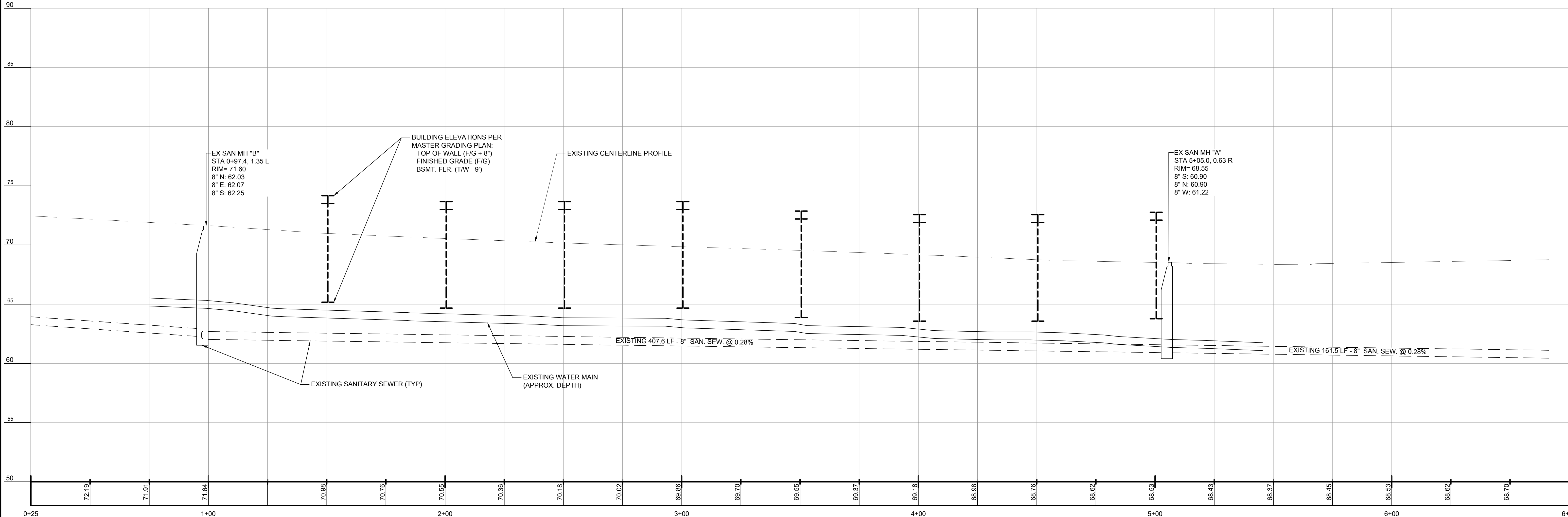
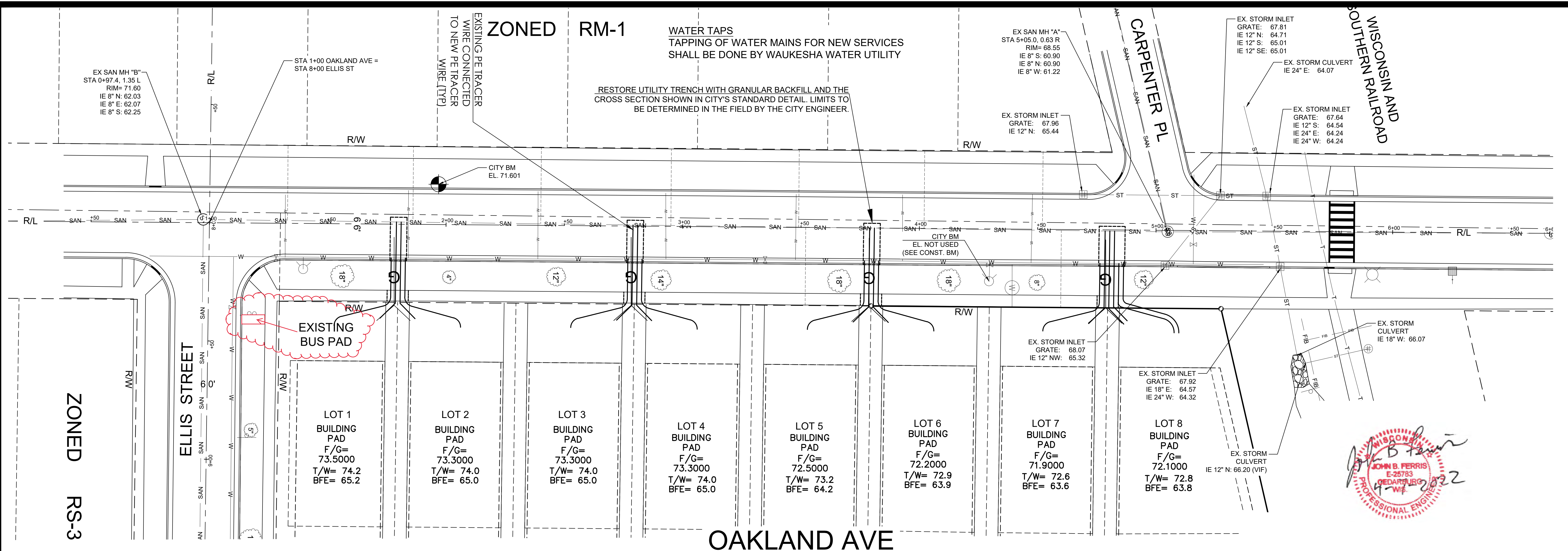
**HABITAT FOR HUMANITY OF WAUKESHA**  
 DRAWN BY: J.F. CHECKED BY: J.F. JOB NUMBER: 22-9605 DATE: 04-08-2020  
**JAHNKE & JAHNKE ASSOCIATES, L.L.C.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 ENGINEERING SOLUTIONS SINCE 1964  
 524 BLUEMOUND ROAD, WAUKESHA, WISCONSIN 53188  
 PHONE #: (262) 542-5797 EMAIL: SURVEY@JAHNKEANDJAHNKE.COM  
 WEBSITE: JAHNKEANDJAHNKE.COM

**EROSION CONTROL PLAN**  
 AEROSHADE REDEVELOPMENT  
 PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

REVISIONS  
 REVISED: MAY 6, 2020  
 REVISED: APRIL 11, 2022  
 6-15-2022  
 7-6-2022

SHEET: **06** OF **13**

FILE NAME: S:\projects\22-9605 SD - Aeroshade\DWG\22-9605 CIVIL.dwg



**HABITAT FOR HUMANITY OF WAUKESHA**

DATE: 04-08-2020  
JOB NUMBER: 22-9605  
CHECKED BY: J.F.  
DRAWN BY: KDD

**JAHNKE & JAHNKE ASSOCIATES, L.L.C.**  
ENGINEERS-PLANNERS-SURVEYORS  
ENGINEERING SOLUTIONS SINCE 1984

524 BLUEWOUND ROAD, WAUKESHA, WISCONSIN 53188  
PHONE #: (262) 542-5757 - EMAIL: SURVEY@JAHNKENDJAHNKE.COM  
WEBSITE: JAHNKENDJAHNKE.COM

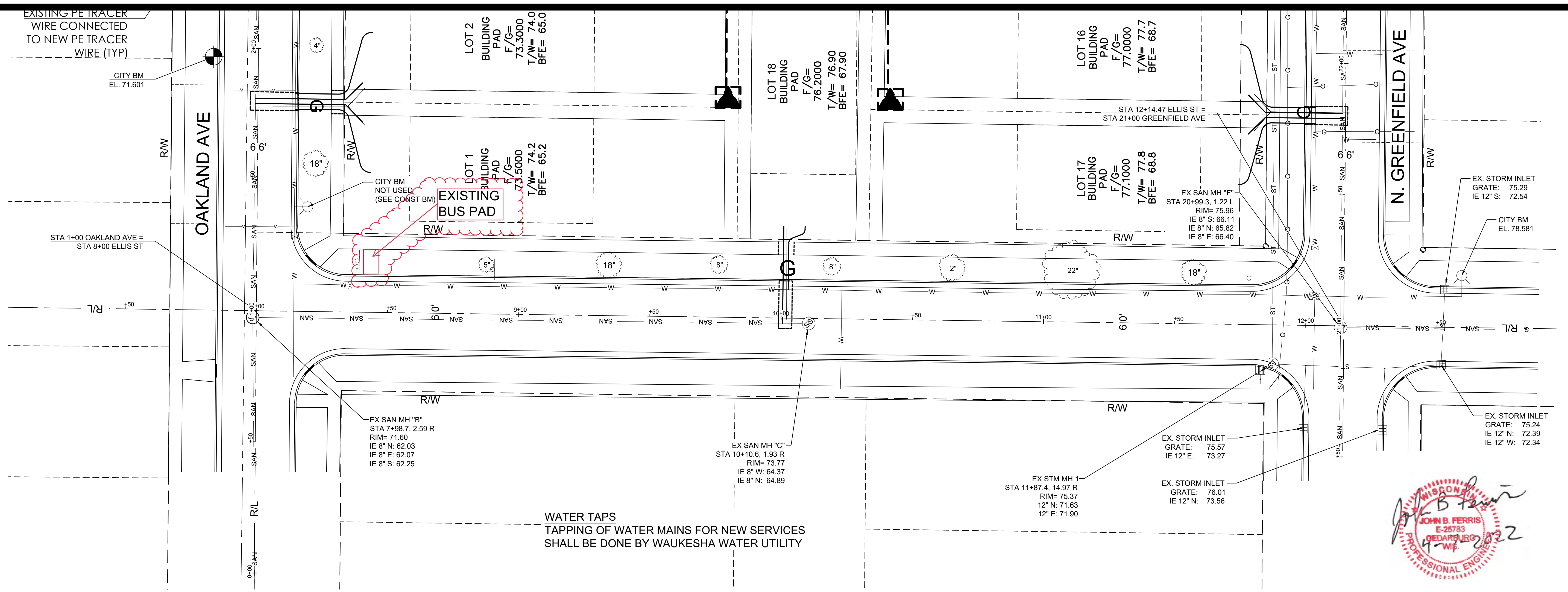
**UTILITY PLAN - OAKLAND AVE**

**AEROSHADE REDEVELOPMENT**  
PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

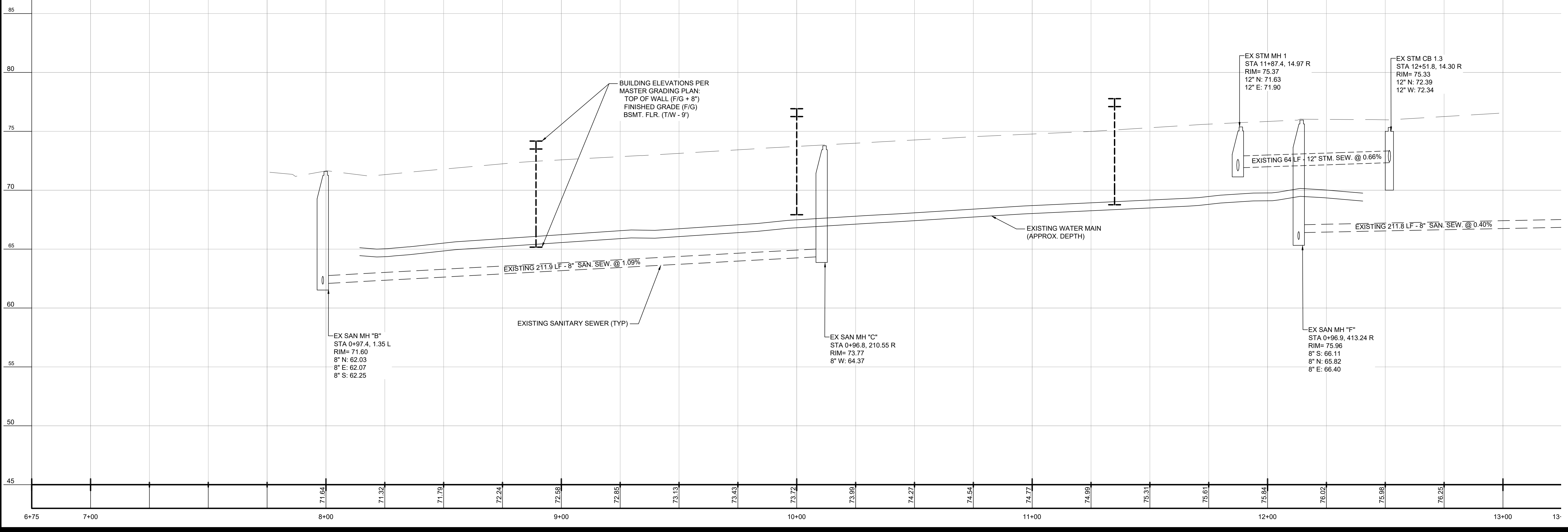
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REVISED: APRIL 11, 2022  
6-15-2022  
7-6-2022

SHEET: **07** OF **13**

FILE NAME: S:\projects\22-9605 SD - Aeroshade\Drawings\22-960565 CIVIL.dwg



# ELLIS STREET



DATE: 04-08-2020  
 JOB NUMBER: 22-9605  
 CHECKED BY: J.F.  
 DRAWN BY: KDD

HABITAT FOR HUMANITY OF WAUKESHA

JAHNKE & JAHNKE  
 ASSOCIATES, LLC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 ENGINEERING SOLUTIONS SINCE 1964

UTILITY PLAN - ELLIS ST  
 AEROSHADE REDEVELOPMENT  
 PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

REVISIONS

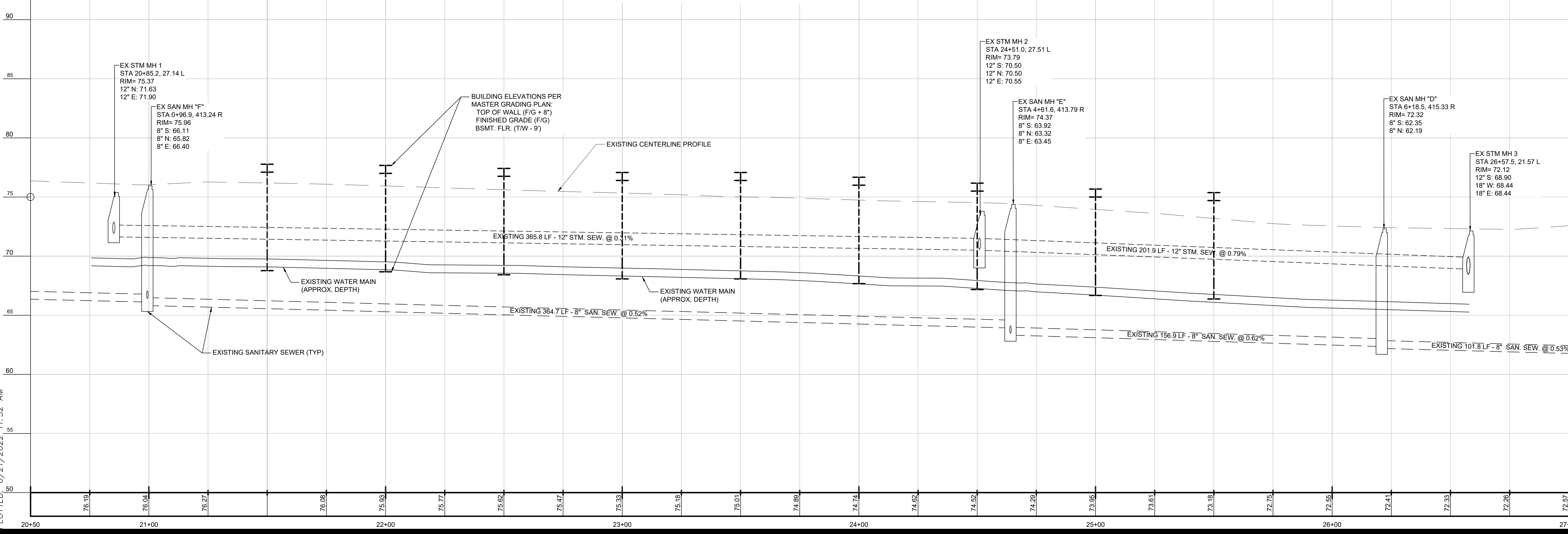
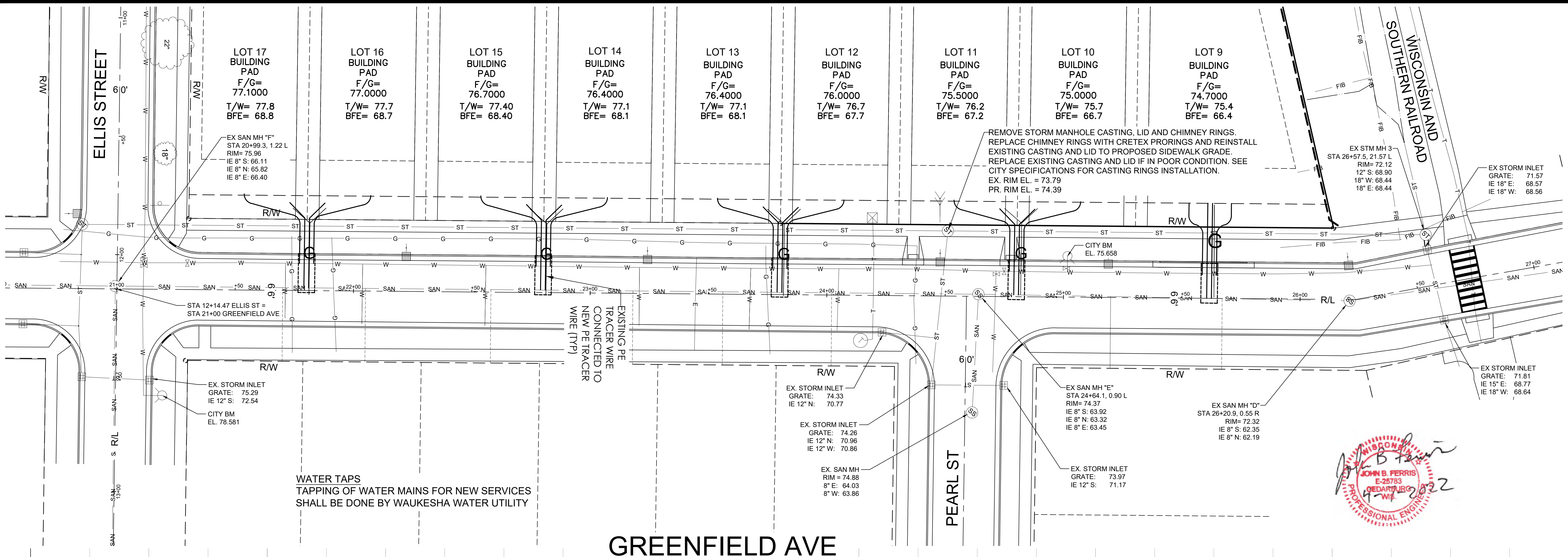
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REVISED: APRIL 11, 2022
6-15-2022
7-6-2022

SHEET: **08** OF **13**

524 BLUEMOUND ROAD, WAUKESHA, WISCONSIN 53188  
 PHONE #: (262) 542-5797 - EMAIL: SURVEY@JAHNKEANDJAHNKE.COM  
 WEBSITE: JAHNKEANDJAHNKE.COM

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**HABITAT FOR HUMANITY OF WAUKESHA**

DATE: 04-08-2020  
 JOB NUMBER: 22-9605  
 CHECKED BY: J.F.  
 DRAWN BY: KDD

**JAHNKE & JAHNKE ASSOCIATES, L.L.C.**  
 ENGINEERS, PLANNERS, SURVEYORS  
 ENGINEERING SOLUTIONS SINCE 1964

524 BLUEMOUND ROAD, WAUKESHA, WISCONSIN 53188  
 PHONE #: (262) 542-5797 - EMAIL: SURVEY@JAHNKEANDJAHNKE.COM  
 WEBSITE: JAHNKEANDJAHNKE.COM

**UTILITY PLAN - GREENFIELD AVE**

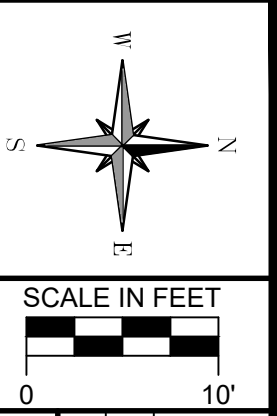
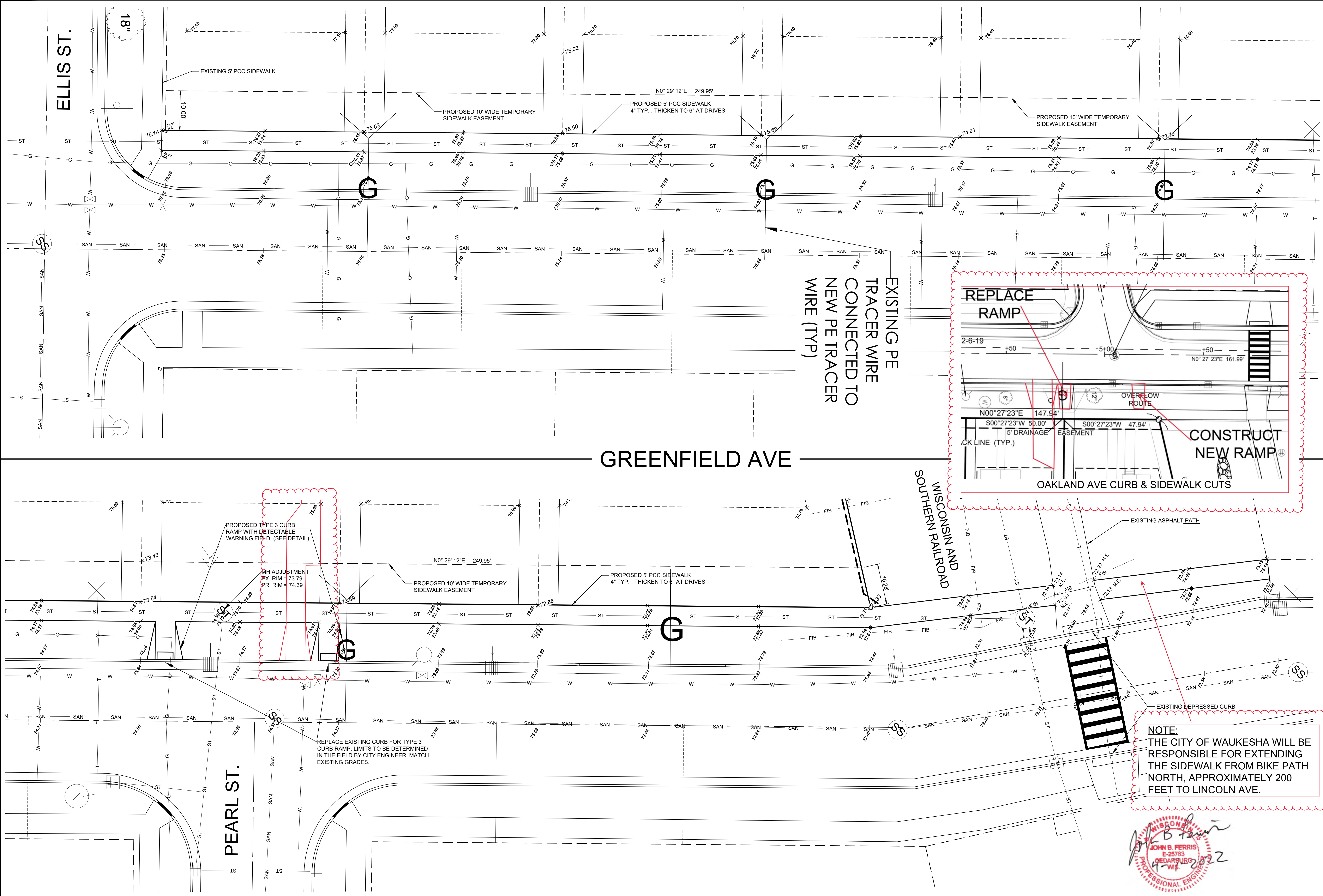
**AEROSHADE REDEVELOPMENT**  
 PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

REVISIONS  
 REVISED: MAY 5, 2020  
 REVISED: APRIL 11, 2022  
 6-15-2022  
 7-6-2022

SHEET: **09** OF **13**

FILE NAME: S:\projects\22-9605 SD - Aershade\DWG\22-960505 CIVIL.dwg

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HABITAT FOR HUMANITY OF WAUKESHA

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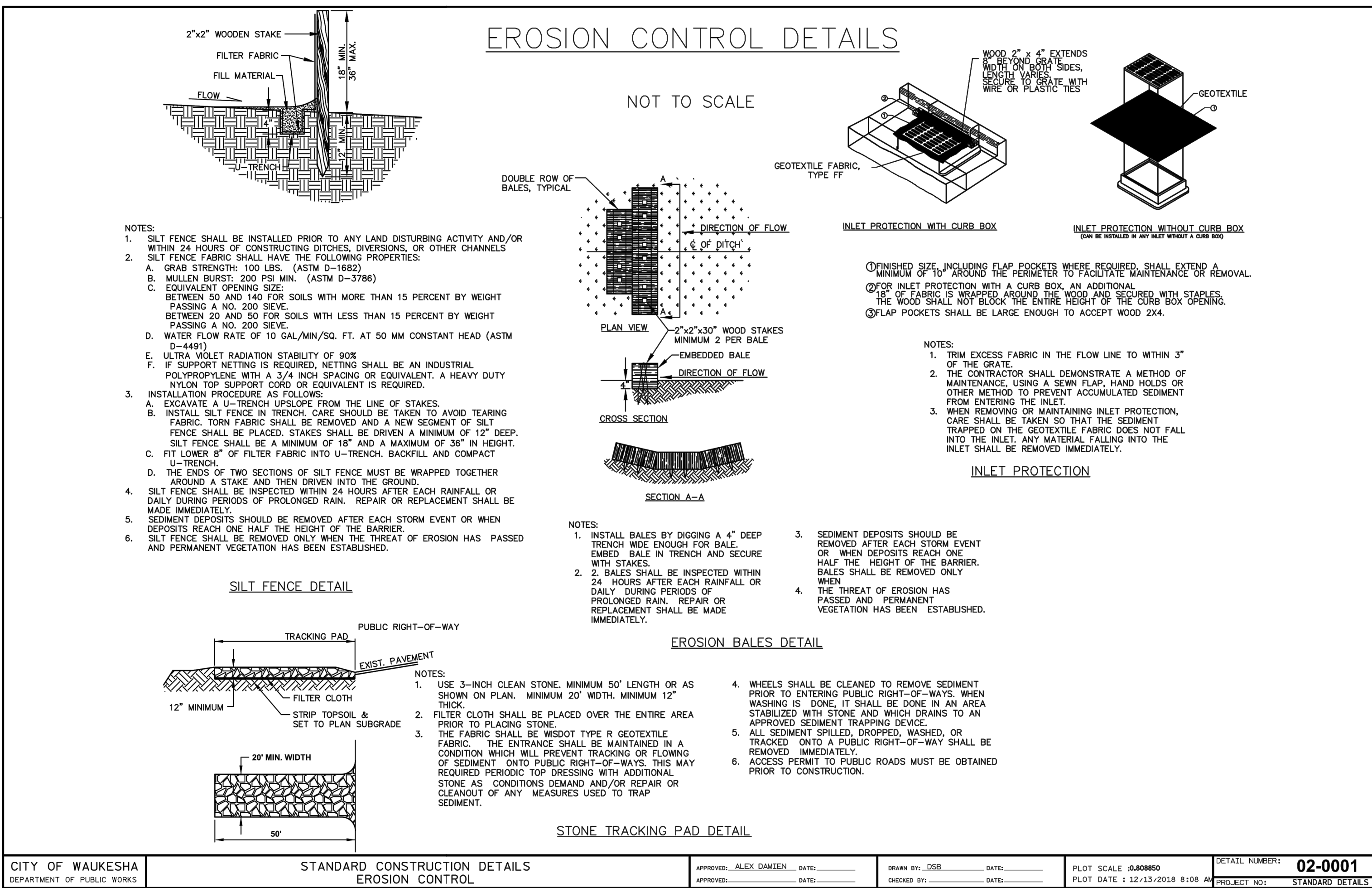
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 PHONE #: (262) 542-5797 - EMAIL: SURVEY@JAHNKEANDJAHNKE.COM  
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JAHNKE & JAHNKE ASSOCIATES, L.L.C.  
 ENGINEERS-PLANNERS-SURVEYORS  
 ENGINEERING SOLUTIONS SINCE 1944

SIDEWALK PLAN

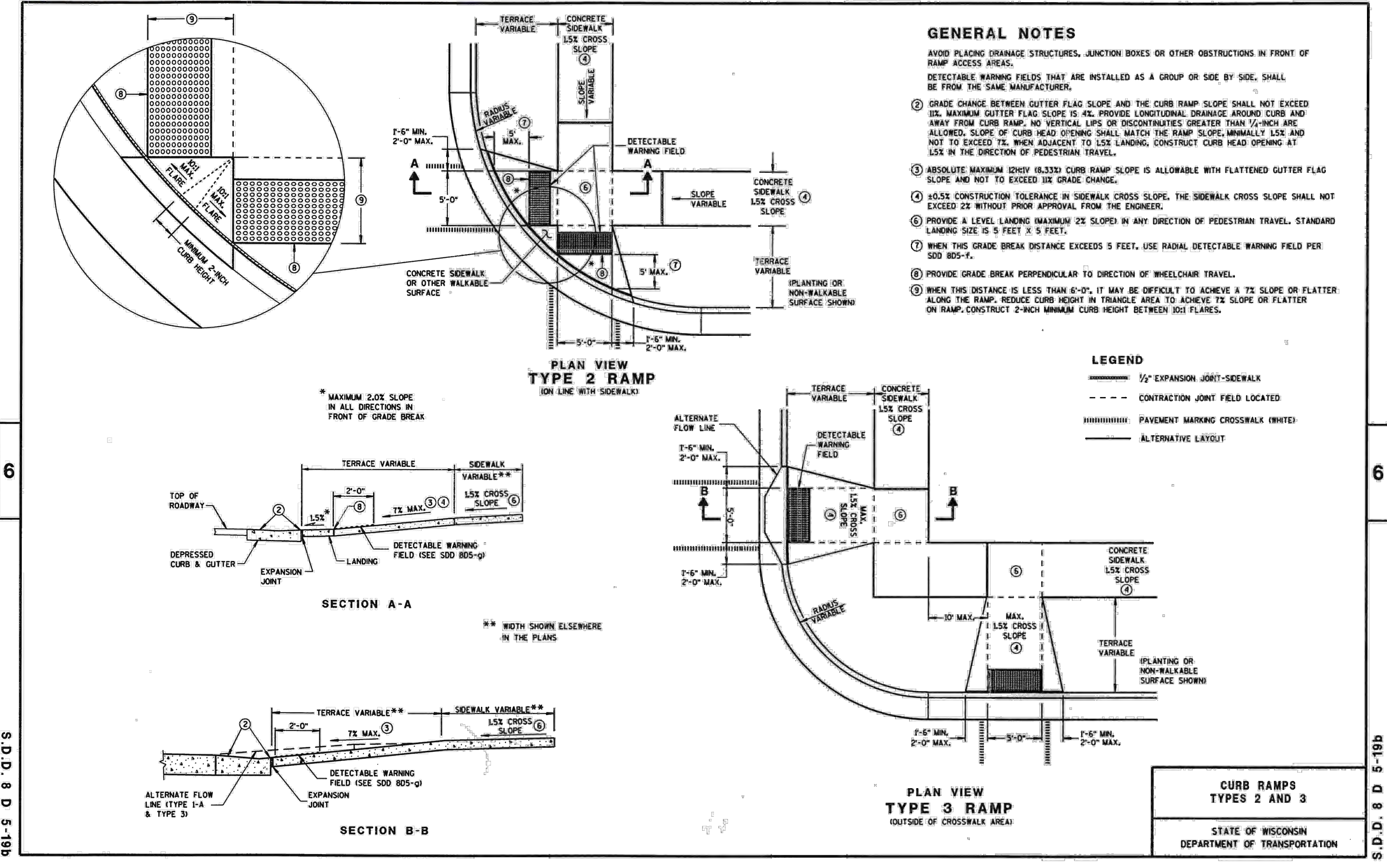
AEROSHADE REDEVELOPMENT  
 PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

REVISIONS
REVISED: MAY 5, 2020
REVISED: APRIL 11, 2022
6-15-2022
7-6-2022

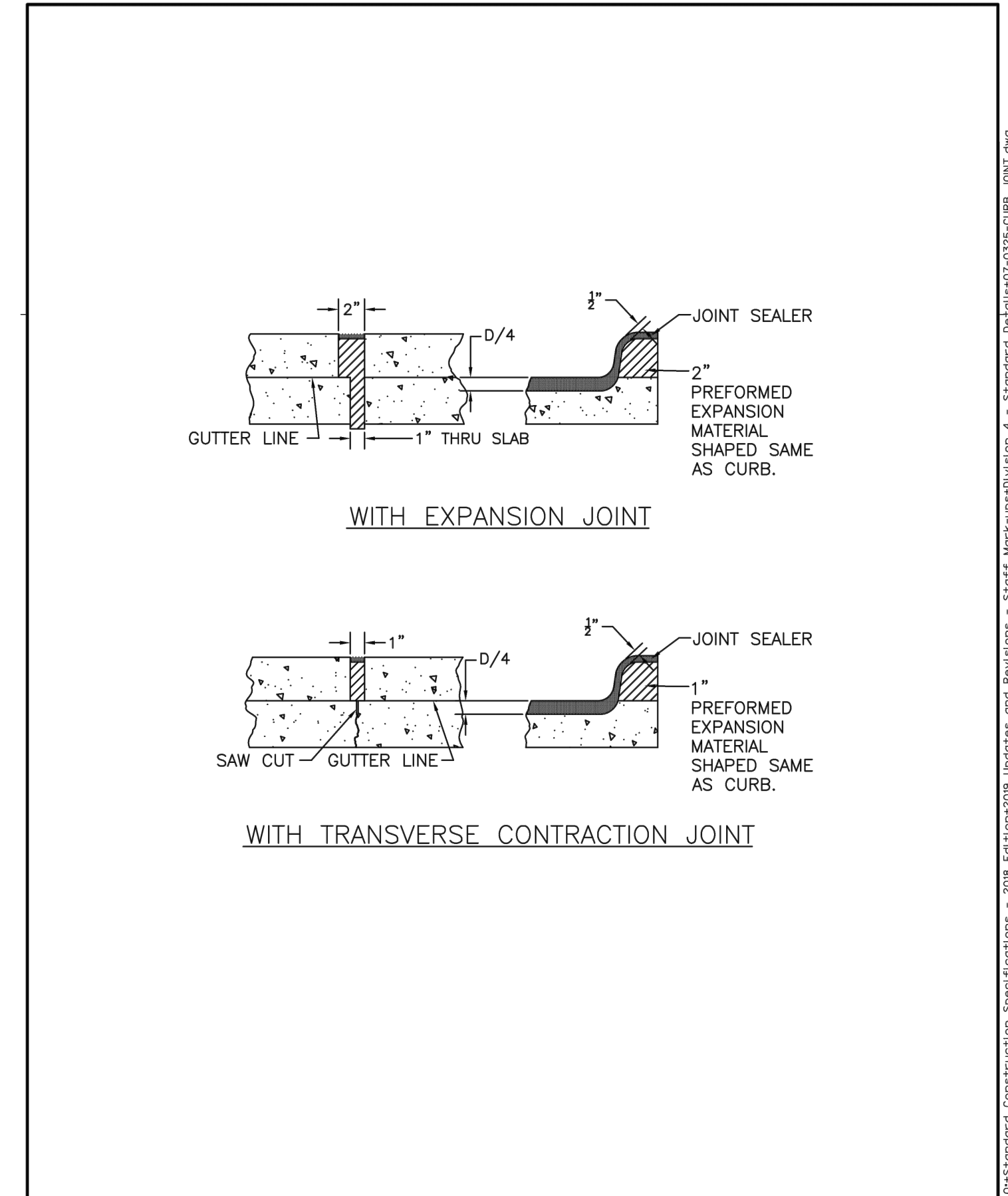


CITY OF WAUKESHA DEPARTMENT OF PUBLIC WORKS  
 STANDARD CONSTRUCTION DETAILS EROSION CONTROL  
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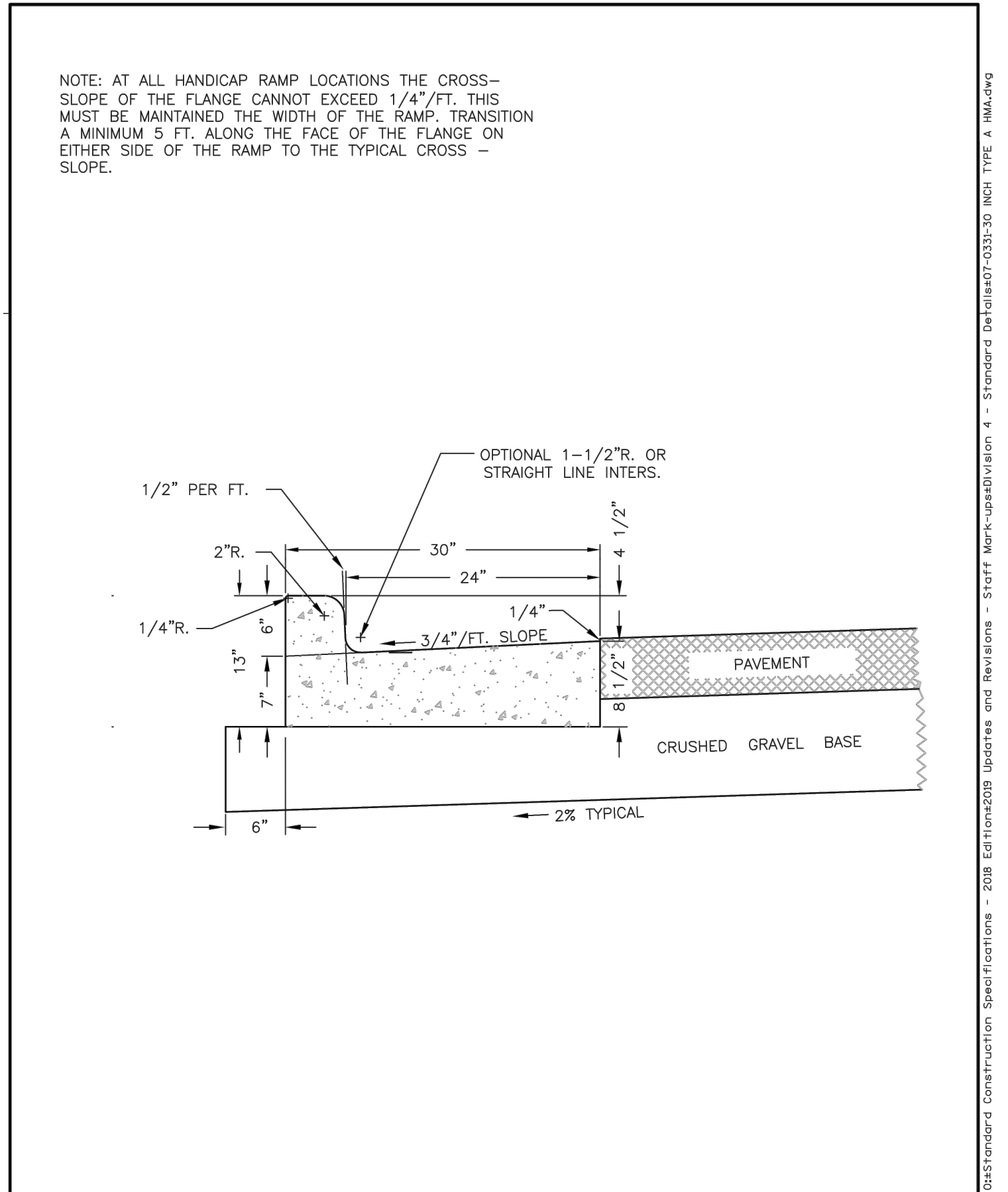
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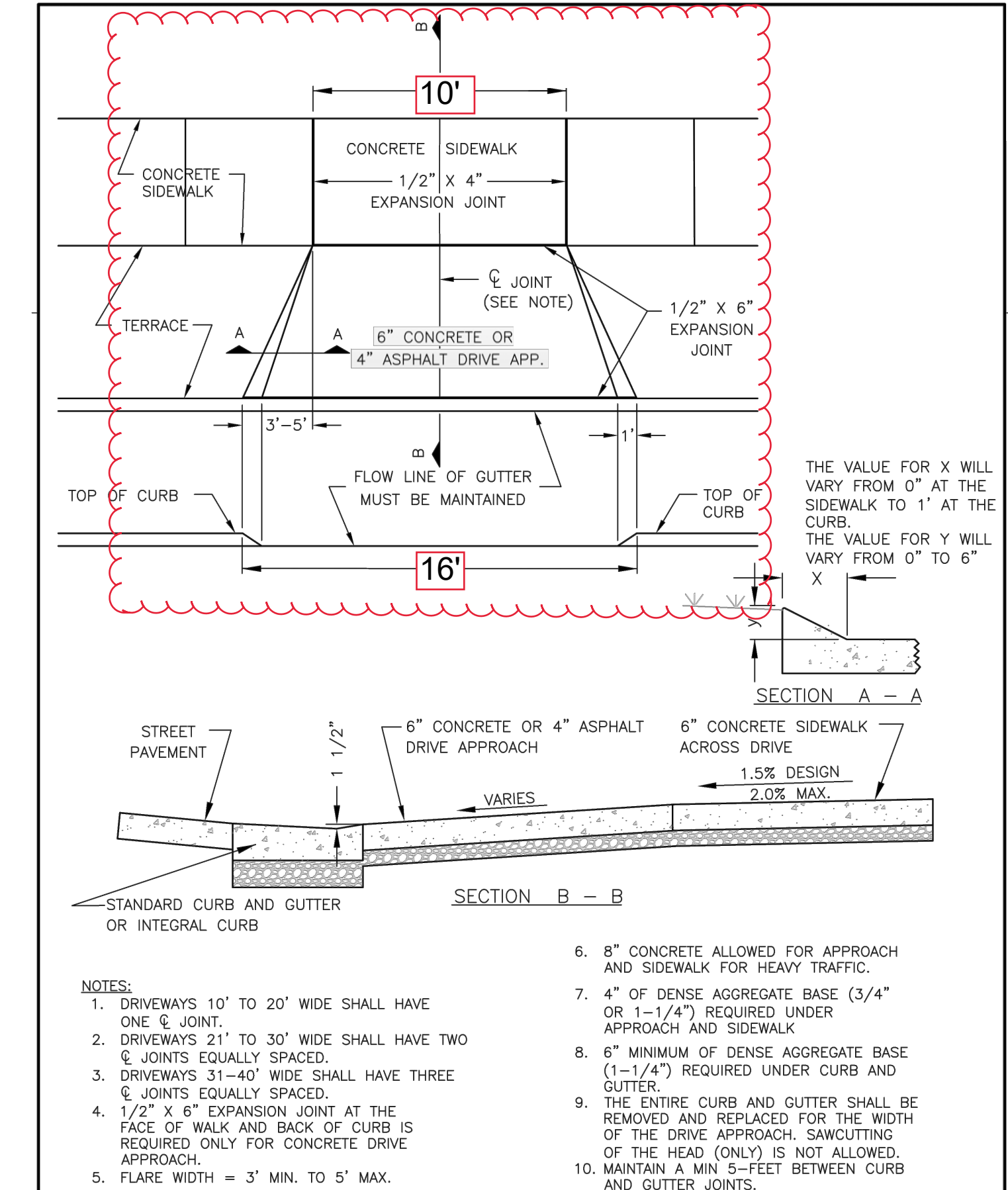
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 DETAIL NUMBER: 02-0001 PROJECT NO: STANDARD DETAILS



CITY OF WAUKESHA DEPARTMENT OF PUBLIC WORKS  
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 DETAIL NUMBER: 07-0325 PROJECT NO: STANDARD DETAILS



CITY OF WAUKESHA DEPARTMENT OF PUBLIC WORKS  
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 DETAIL NUMBER: 07-0331 PROJECT NO: STANDARD DETAILS



CITY OF WAUKESHA DEPARTMENT OF PUBLIC WORKS  
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 DETAIL NUMBER: 07-0320 PROJECT NO: STANDARD DETAILS

**CONSTRUCTION DETAIL**

**AEROSHADE REDEVELOPMENT**  
 PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

**REVISIONS**

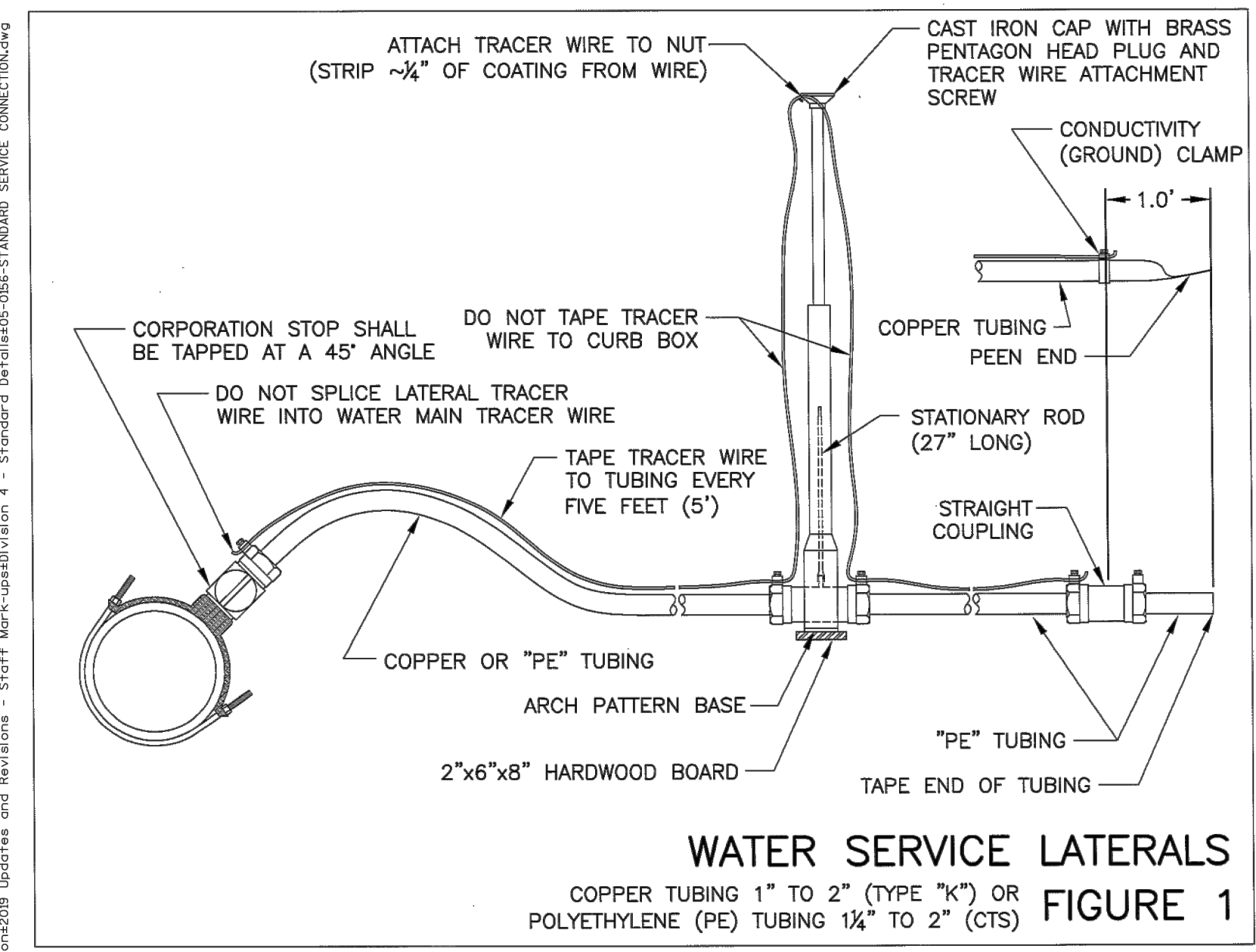
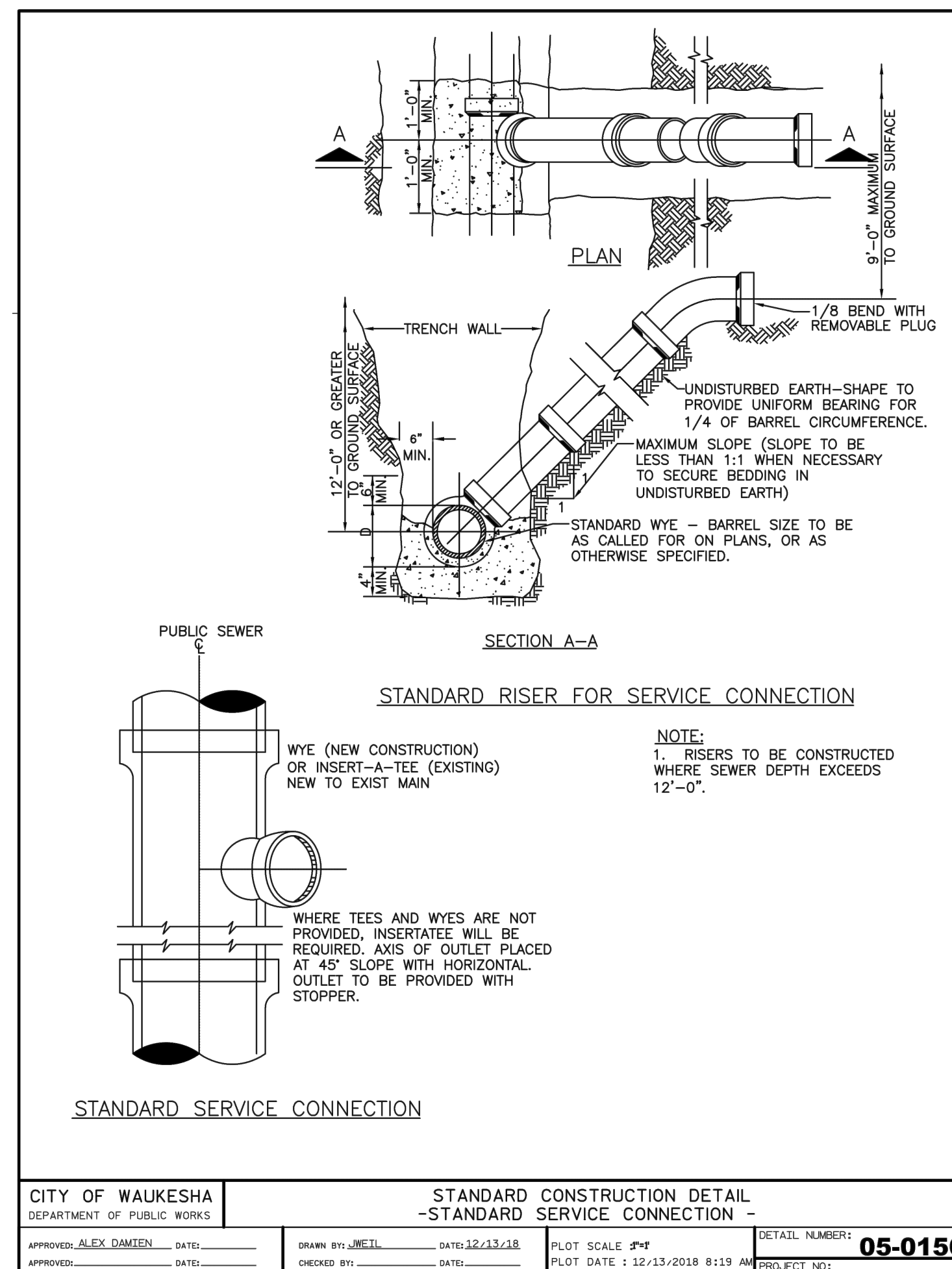
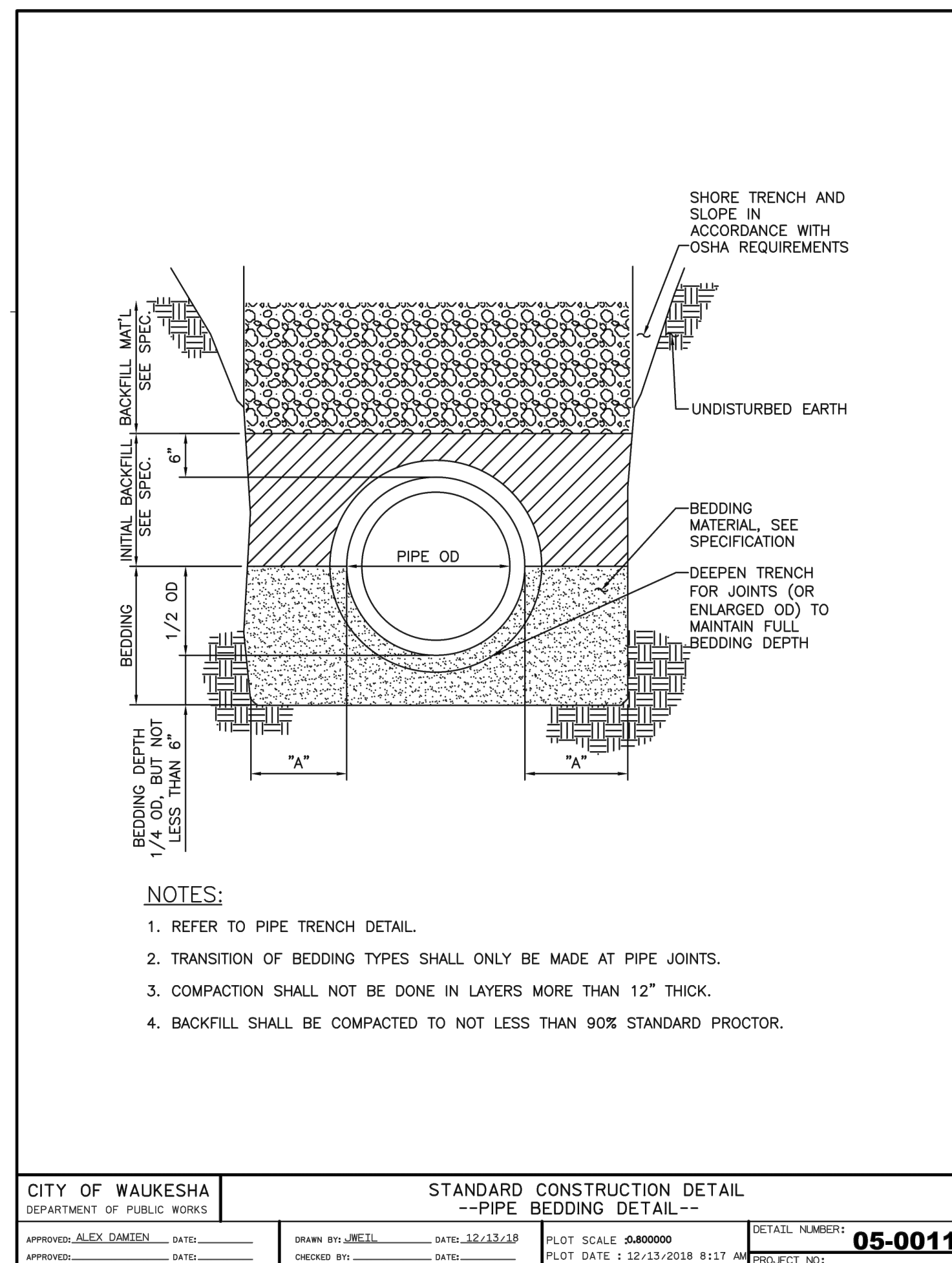
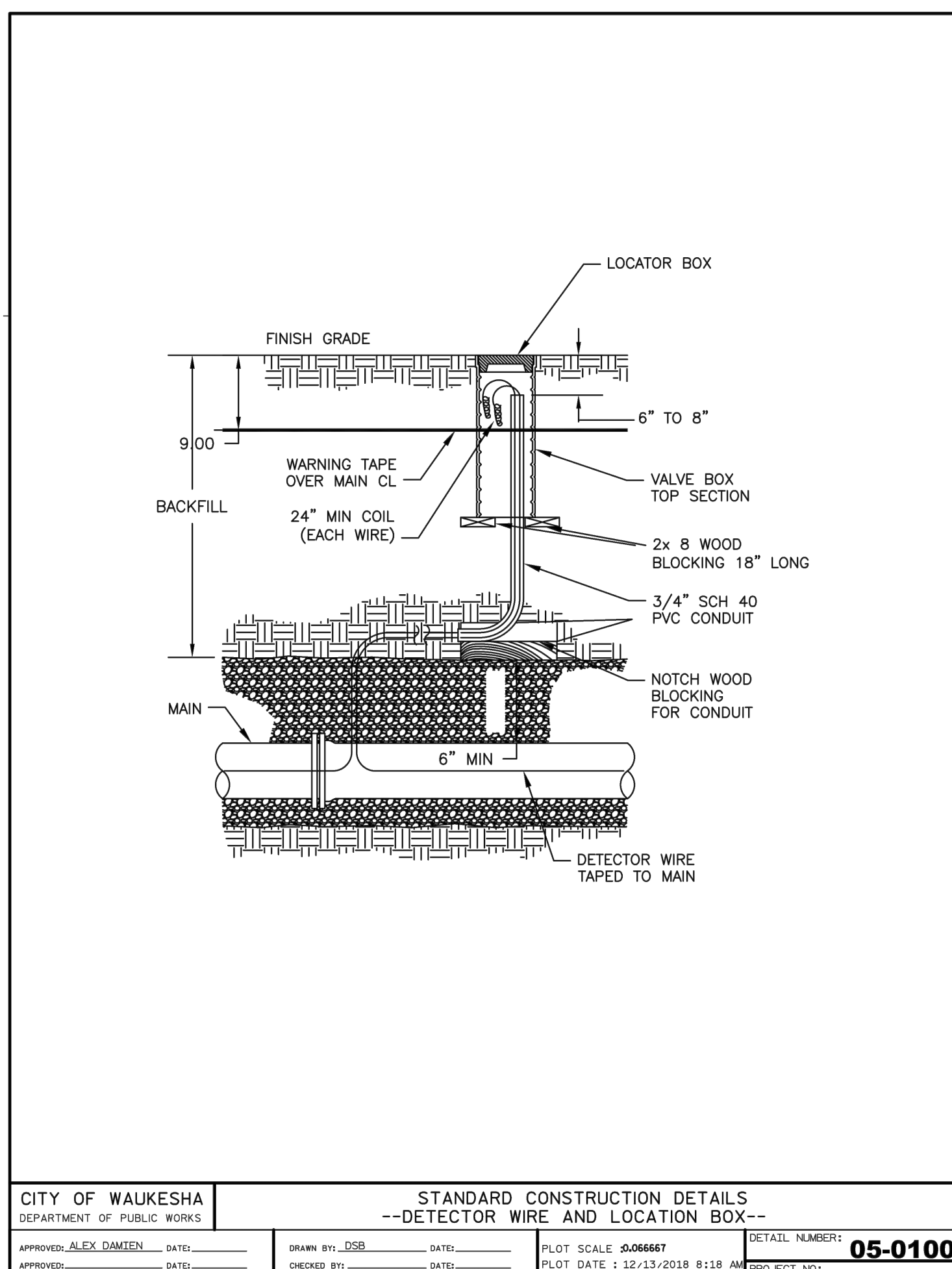
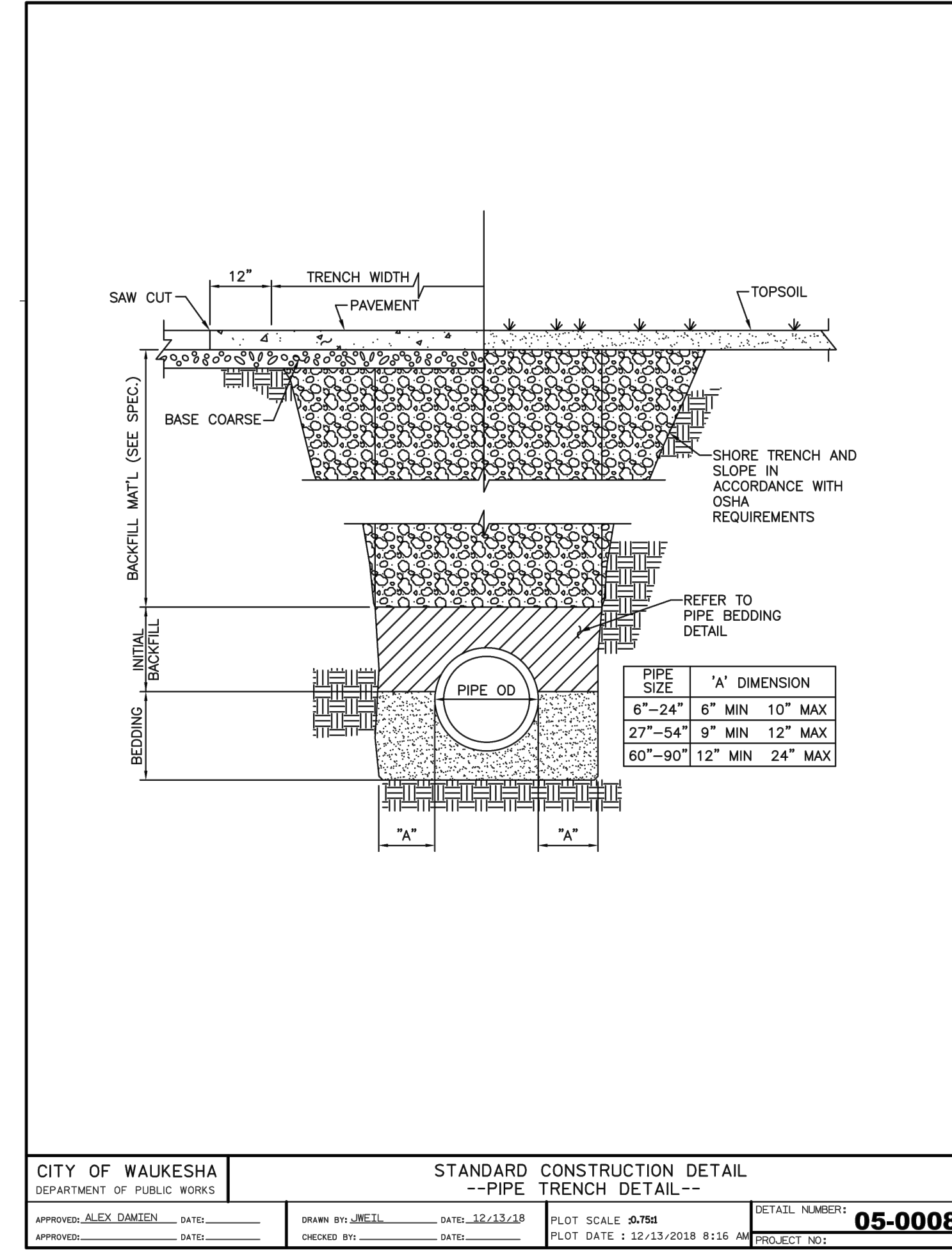
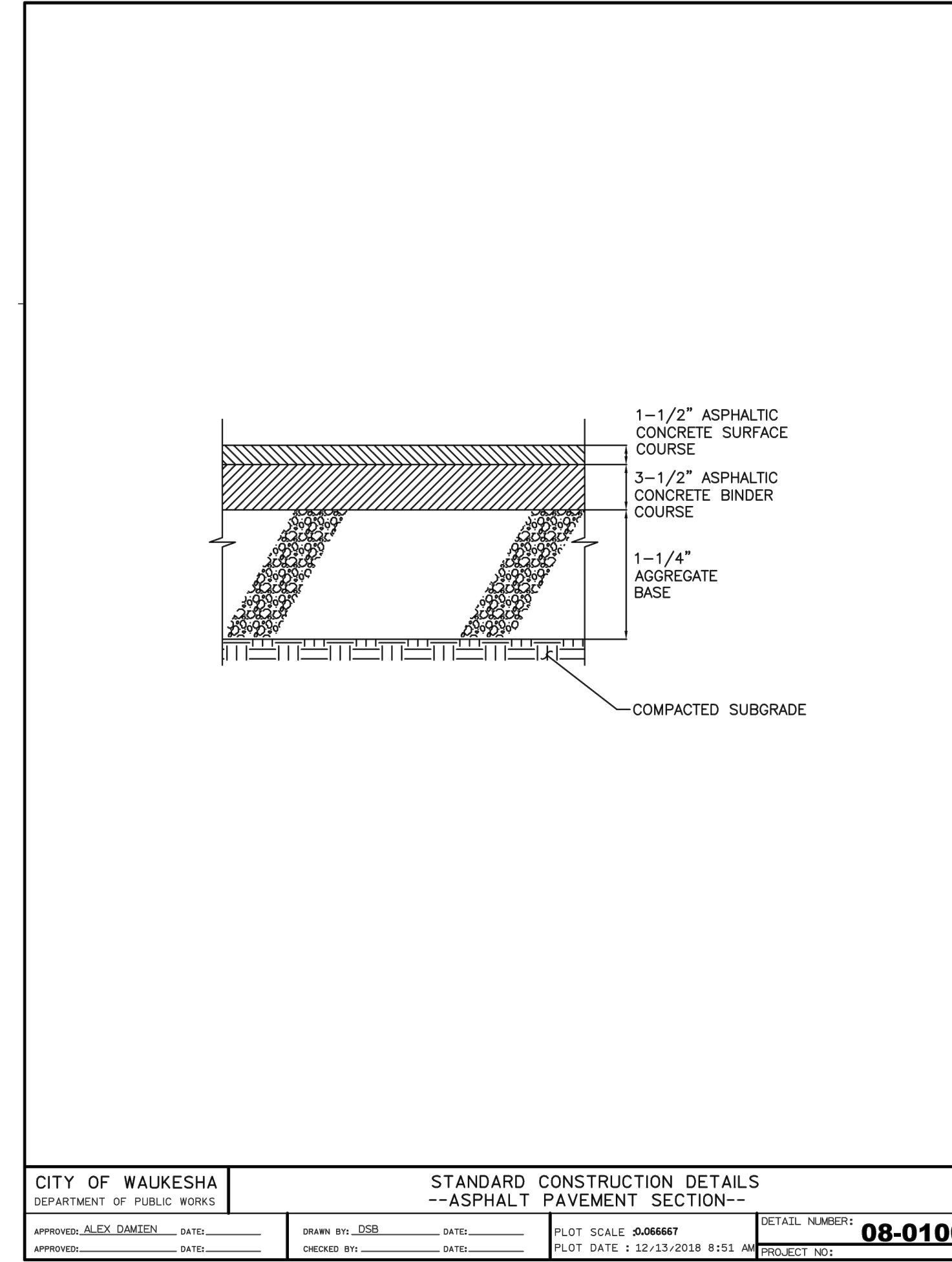
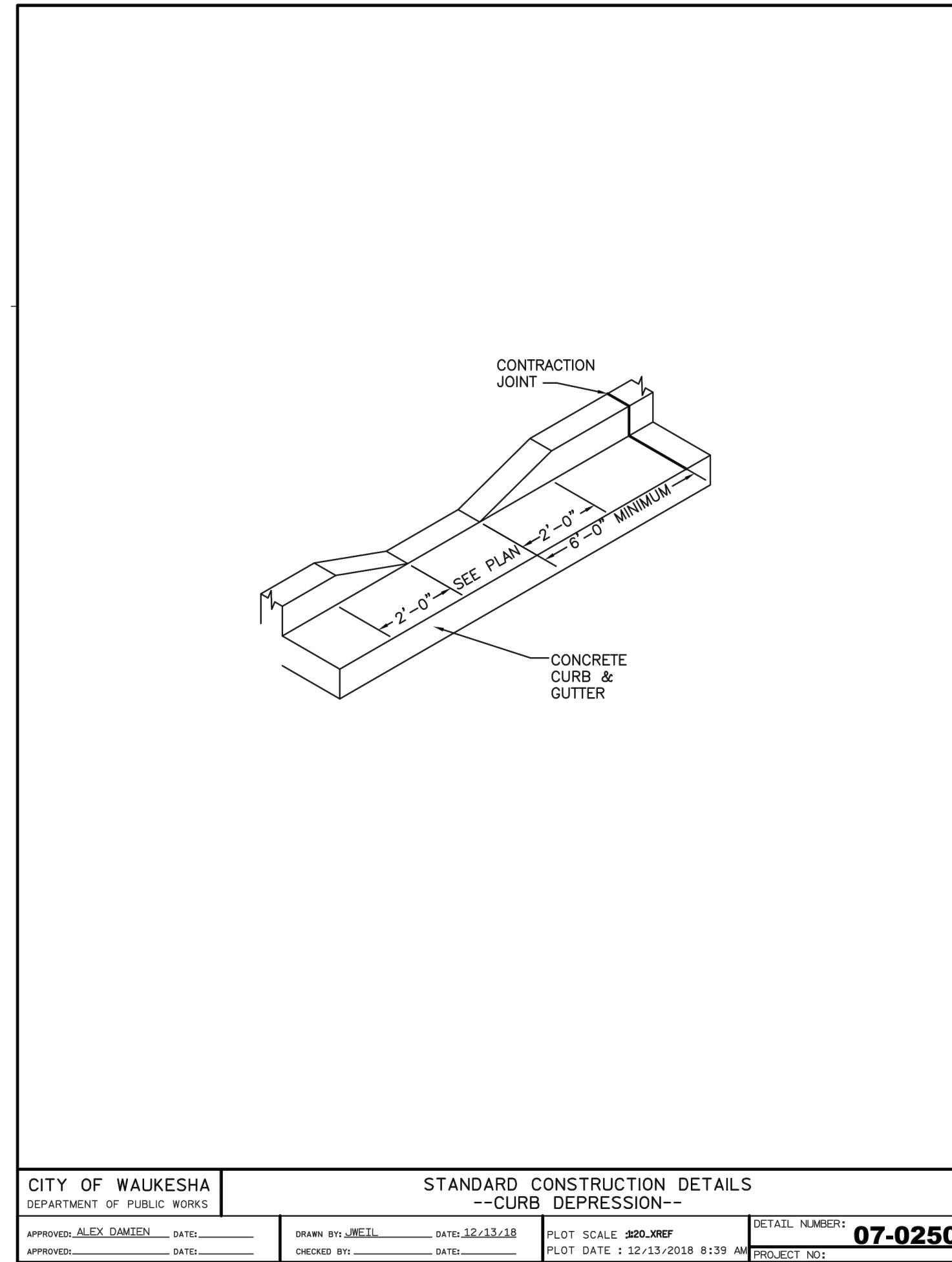
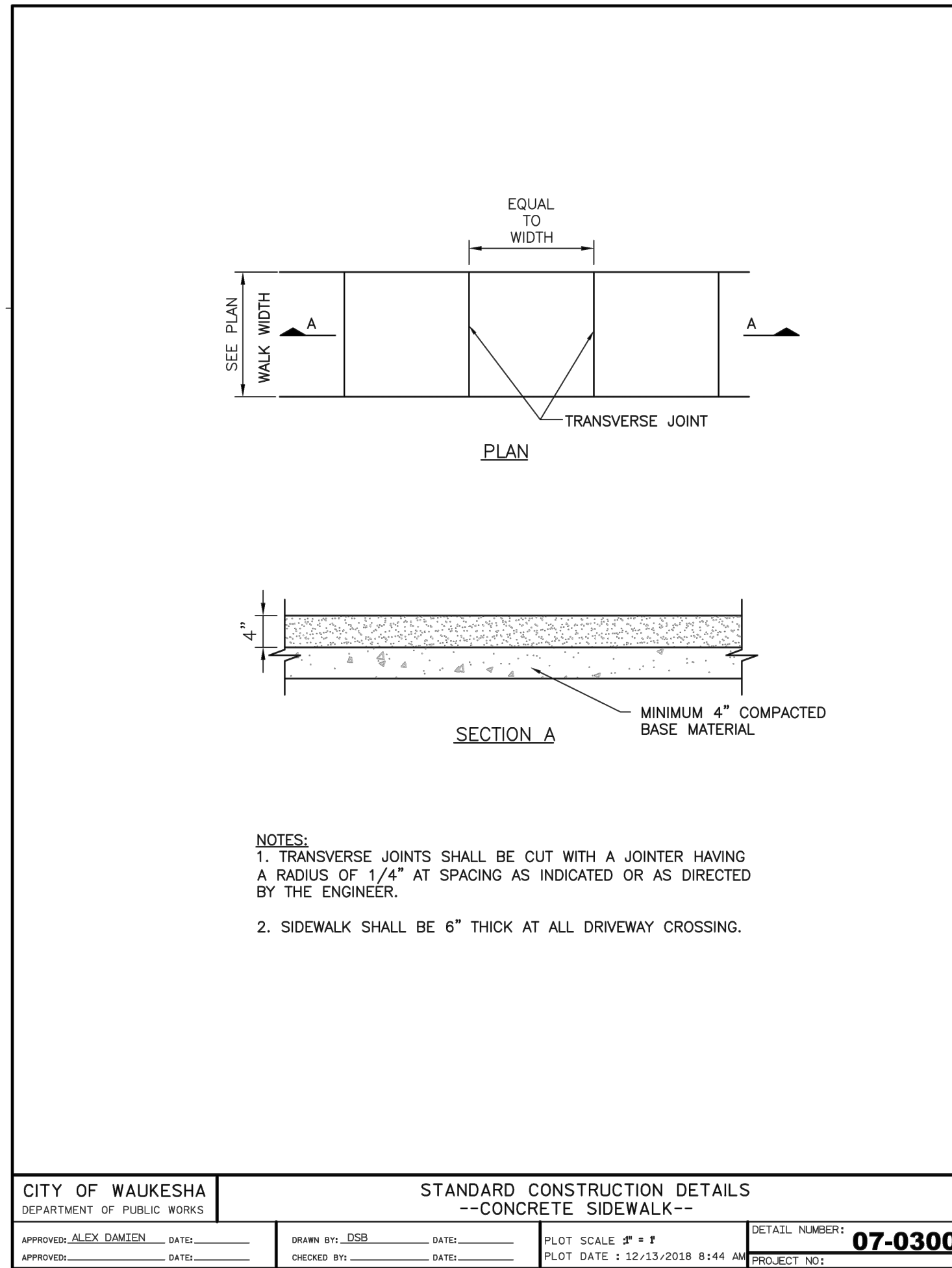
REVISED: MAY 5, 2020	REVISION: APRIL 11, 2022
6-15-2022	7-6-2022

**NOTE:** The location and size of the underground structures and utilities shown hereon have been located to a reasonable degree of accuracy, but the Engineer and/or Surveyor does not guarantee their exact location or the location of others not shown.  
 Contact Diggers Hotline, Inc., Etc.

**CALL DIGGERS HOTLINE**  
 1-800-242-8511  
 TOLL FREE  
 HAS STATUTE 18.07(2)(b) REQUIREMENTS. WORK CARE NOTICES BEFORE YOU EXCAVATE  
 MILW AREA 259-1181

**JOHN B. FERRIS**  
 E-25783  
 REDAAR JRG  
 PROFESSIONAL ENGINEER

**STATE OF WISCONSIN**  
 DEPARTMENT OF TRANSPORTATION



**WATER TAPS**  
 TAPPING OF WATER MAINS FOR NEW SERVICES SHALL BE DONE BY WAUKESHA WATER UTILITY



**HABITAT FOR HUMANITY OF WAUKESHA**

DRAWN BY: J.F. | CHECKED BY: J.F. | JOB NUMBER: 22-9605 | DATE: 04-05-2020

524 BLUEMOUND ROAD, WAUKESHA, WISCONSIN 53188  
 PHONE #: (262) 542-5797 - EMAIL: SURVEY@JAHNKEANDJAHNKE.COM  
 WEBSITE: JAHNKEANDJAHNKE.COM

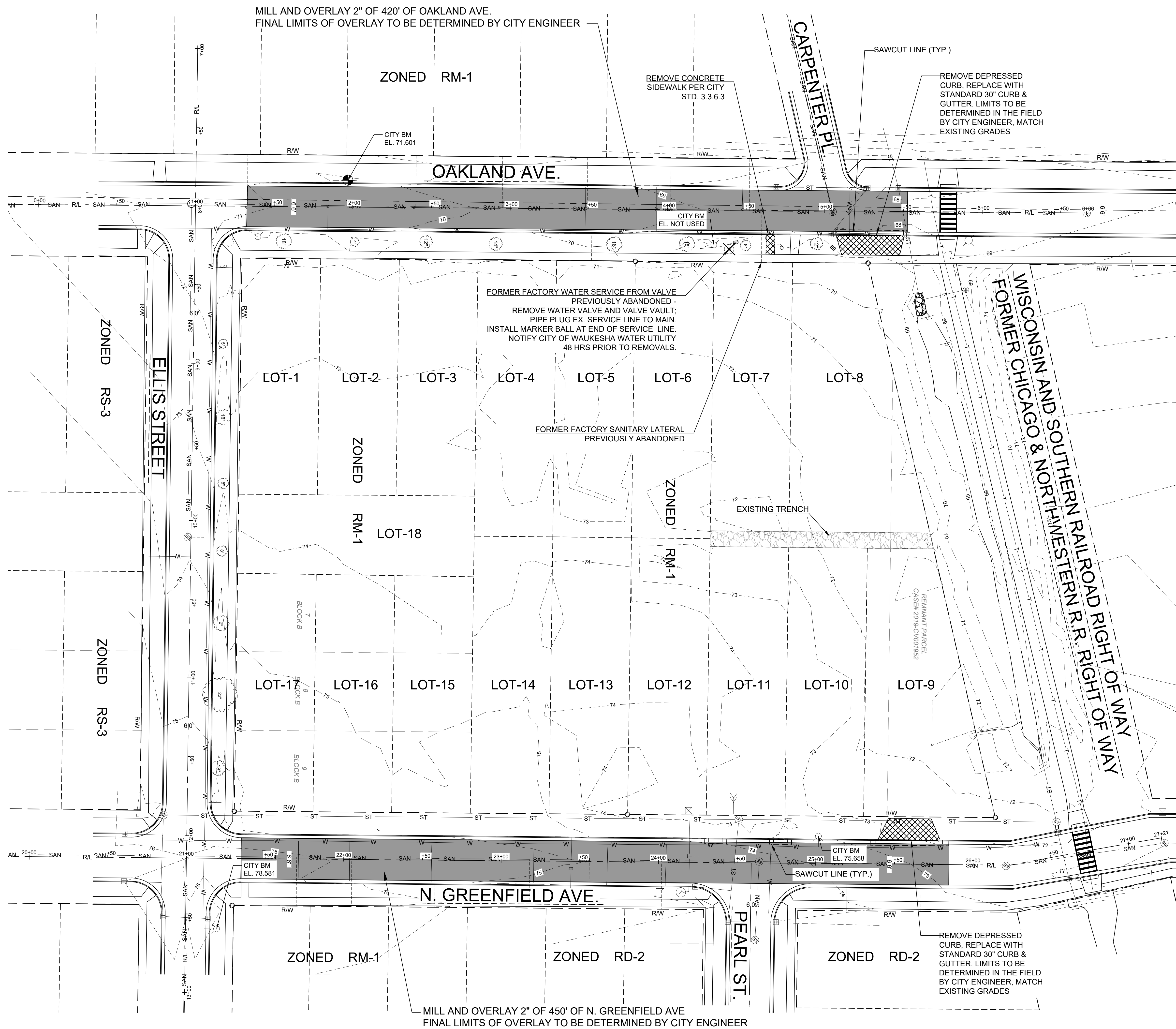
**JAHNKE & JAHNKE ASSOCIATES, L.L.C.**  
 ENGINEERS, PLANNERS, SURVEYORS  
 ENGINEERING SOLUTIONS SINCE 1964

**CONSTRUCTION DETAILS**  
 AEROSHADE REDEVELOPMENT  
 PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
 CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

REVISIONS:  
 REVISED: MAY 5, 2020  
 REVISED: APRIL 11, 2022  
 6-15-2022  
 7-6-2022

SHEET: **12** OF **13**

FILE NAME: S:\projects\22-9605 SD - Aershade\DWG\22-9605r5 CIVIL.dwg



**REQUIREMENTS FOR WORK IN CITY RIGHT-OF-WAY**

- ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2019 EDITION AND THE CITY OF WAUKESHA SPECIFICATIONS PER SECTION 1.3.1 THRU 1.3.9.2.
- ADDITIONAL REQUIREMENTS PER PERMIT, BUT WILL INCLUDE: CITY OF WAUKESHA SPECIFICATIONS PER SECTION 1.3.11 THRU 1.3.20.2 FOR GENERAL CONSTRUCTION.

**LEGEND:**

- ⊕ EX. MONUMENT FOUND
- EX. IRON PIPE FOUND
- ⊙ EX. IRON ROD FOUND
- EX. IRON PIPE
- ⊕ EX. WOODEN POST
- ⊙ EX. METAL POST
- EX. POST
- EX. RETAINING WALL
- X X X EX. FENCE
- SAN SAN EX. SANITARY SEWER
- ST ST EX. STORM SEWER
- G G EX. UNDERGROUND GAS LINE
- W W EX. UNDERGROUND WATER MAIN
- T T EX. UNDERGROUND TELEPHONE
- 121- EX. 1-FOOT CONTOUR
- 125- EX. 5-FOOT CONTOUR
- ⊕ EX. SANITARY MANHOLE
- ⊕ EX. UTILITY MANHOLE
- ⊕ EX. CLEAN OUT
- ⊕ EX. ELECTRIC METER
- ⊕ EX. GAS METER
- ⊕ EX. POWER POLE
- ⊕ EX. GUY WIRE
- ⊕ EX. LIGHT POLE
- ⊕ EX. LIGHT
- ⊕ EX. WELL
- ⊕ EX. FLAG POLE
- ⊕ EX. SIGN
- ⊕ EX. BASKETBALL HOOP
- ⊕ EX. DECIDUOUS TREE
- ⊕ EX. CONIFEROUS TREE
- ⊕ TREE TO BE REMOVED
- ▬ EXISTING TRENCH
- ▬ MILL AND OVERLAY

REFERENCE BEARING: THE WEST LINE OF THE SE 1/4, SEC. 24-19 WAS USED AS THE REFERENCE BEARING AND HAS A BEARING OF N00°42'53"E (SOUTH ZONE, NAD-27)

BENCH MARK: THE CENTER OF SECTION 24-19 WAS USED AS THE REFERENCE BENCHMARK AND HAS AN ELEVATION OF 850.81 (NGVD-29) / 70.25 (CWD)

TO OBTAIN LOCATIONS OF HAZARDOUS UNDERGROUND FACILITIES BEFORE YOU DIG, CALL 800-485-5111

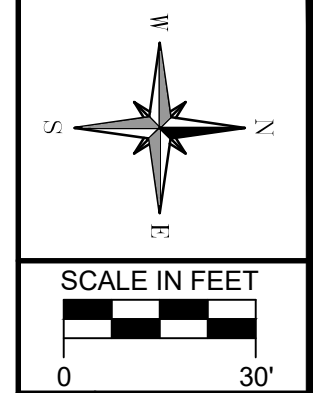


CALL DIGGERS HOTLINE 1-800-342-8511 TOLL FREE

WEBSITE: 182.875.WA11  
REQUIRE 182.875.WA11  
NOTICE BEFORE YOU DIG/AVERT

MILWAUKEE AREA 259-1181

NOTE: The location and size of the underground structures and utilities shown hereon have been located to a reasonable degree of accuracy, but the Engineer and/or Surveyor does not guarantee their exact location or the location of others not shown.  
Contact Diggers Hotline, Inc., Etc.



HABITAT FOR HUMANITY OF WAUKESHA  
DRAWN BY: KDD CHECKED BY: J.F. JOB NUMBER: 22-9605 DATE: 04-08-2022  
524 BLUEMOUND ROAD, WAUKESHA, WISCONSIN 53188  
PHONE #: (262) 542-5797 - EMAIL: SURVEY@JAHNKEANDJAHNKE.COM  
WEBSITE: JAHNKEANDJAHNKE.COM

**JAHNKE & JAHNKE ASSOCIATES, L.L.C.**  
ENGINEERS-PLANNERS-SURVEYORS  
ENGINEERING SOLUTIONS SINCE 1964

PAVEMENT RESTORATION  
AEROSHADE REDEVELOPMENT  
PART OF THE SE 1/4 OF SECTION 2, T6N, R19E  
CITY OF WAUKESHA, WAUKESHA COUNTY, WI.

REVISIONS

REVISED: MAY 5, 2020
REVISED: APRIL 11, 2022
6-15-2022
7-6-2022